APPENDIX A

SEQRA Documentation

State Environmental Quality Review Act (SEQR)

ADOPTED SCOPING DOCUMENT

Minisceongo Park
Towns of Haverstraw and Ramapo, Rockland County, NY
Supplemental Environmental Impact Statement (SEIS)

SEQR CLASSIFICATION: TYPE I

LEAD AGENCY: Town of Haverstraw Planning Board

LIST OF INVOLVED/INTERESTED AGENCIES

Involved Agencies

- Town of Haverstraw Planning Board
- Town of Haverstraw Town Board
- Town of Ramapo Planning Board
- Rockland County Sewer District #1
- Rockland County Department of Highways (Drainage Agency)
- Town of Haverstraw Sewer District #2
- New York State Department of Health
- Rockland County Health Department
- New York State Department of Environmental Conservation
- New York State Department of Transportation

Interested Agencies

- Rockland County Planning Department
- NYS Office of Parks, Recreation and Historic Preservation
- Palisades Interstate Park Commission
- East Ramapo Central School District
- United Water of New York
- Moleston Fire District
- Village of Pomona Board of Trustees

INTRODUCTION

This Scoping Document is intended to serve as the foundation for the identification of all potentially significant adverse impacts pertinent to the revised proposed action and appropriate mitigation measures. It is also intended to eliminate consideration of any impacts that are irrelevant or non-significant.

A DEIS was prepared by the applicant, and accepted as complete on November 8, 2006. The DEIS analyzed the impacts associated with a development consisting of 279 multifamily and one-family attached (i.e., townhome) dwellings. Of the total dwelling units, 115 dwellings were to be located in Ramapo and 164 units were to be located in Haverstraw. The applicant proposed to construct townhomes only in Haverstraw. In Ramapo, the applicant would construct a mix of 96-multifamily dwellings and 19 townhome dwellings.

The project sponsor also proposed two commercial building sites with frontage on Route 202 in the Town of Ramapo. The easterly building totaled 7,000 square feet with ancillary parking. The westerly building totaled 4,200 square feet with ancillary parking. The two buildings would obtain access from the internal boulevard road, not Route 202.

In order to implement the project in the Town of Haverstraw, a zone petition was submitted to rezone the site from the "C" to "RG" zoning district.

The DEIS was reviewed by the Towns of Ramapo and Haverstraw, its consultants, and various local, county, state and regional agencies. Based on the comments received, the project sponsor prepared and submitted a Final Environmental Impact Statement to the Lead Agency on December 14, 2007.

Since submission of the FEIS, the project sponsor, in consultation with the Town of Ramapo and Haverstraw, has abandoned the requested zone amendment, and is now seeking to develop the site with uses allowed as per the Towns' existing zoning. The Town of Haverstaw Planning Board, as lead agency, has determined that a Supplemental Environmental Impact Statement is to be prepared.

Specifically, the applicant will prepare a Supplemental Environmental Impact Statement (SEIS) addressing the items described in this Scoping Document. As per the SEQRA regulations, a supplemental EIS is limited to the specific significant adverse environmental impacts not addressed or inadequately addressed in the EIS, including those that arise from "changes proposed for the project". The following Description of the Proposed Action identifies the revised project.

DESCRIPTION OF THE PROPOSED ACTION

The applicant, Davies Farm LLC, proposes the development of a mixed-use residential and commercial project on a 53.3 acre project site located north of NYS Route 202 and west of the Palisades Interstate Parkway in the unincorporated Towns of Haverstraw and Ramapo, Rockland County, New York. Within the Town of Ramapo, the concept for development of the site would include up to 220 multifamily units and four (4) commercial pads totaling up to 15,000 square feet of commercial space. Within Haverstaw, a 260,000 square foot shopping center would be constructed. The portion of the project within the Town of Haverstraw is zoned Commercial,

"C". The project will require site plan approval for the property located in the Town of Haverstraw. The portion of the project in the Town of Ramapo will require subdivision and site plan approval in accordance with the Mixed Use Highway, "MU-2" zoning district. The subject property is comprised of the following tax lots:

- Town of Haverstraw: Section 25.18, Block 2, Lots 3 and 4
- Town of Ramapo: Section 33.06, Block 1, Lots 1 and 2

The Plan entitled Code Compliant with Parking Adjustments", prepared by Atzl, Scatassa, & Zigler, P.C. (May 1, 2008), presents a sketch of the proposed action that will be evaluated in the SEIS.

POTENTIAL SIGNIFICANT ENVIRONMENTAL IMPACTS

The proposed action may have potentially significant environmental impacts on:

- ***Traffic***
- ***Stormwater***
- ***Geology and Soils***

GENERAL SCOPING CONSIDERATIONS

Full scale plans will accompany the SEIS as an appendix and reduced copies of pertinent plan sheets will be included in the text of the SEIS. The documents shall contain, as attachments, plans, reports, and studies meeting prevailing Federal, State and Town criteria with respect to all disciplines of study as well as applicable site plan and subdivision criteria.

SEIS Contents

Cover Sheet listing preparers, title of project, SEIS identification, location, Lead Agency, and relevant dates (i.e. date of acceptance, date of public hearing, final date for acceptance of comments).

Table of Contents including listings of tables, figures, maps, charts, and any items that may be submitted under separate cover.

I. EXECUTIVE SUMMARY

The Executive Summary will include a brief description of the proposed action and a listing of all potential environmental impacts and proposed mitigation measures. A summary will be provided of the approvals and permits required, and of the alternatives to the proposed action that are evaluated in the SEIS.

II. DESCRIPTION OF THE PROPOSED ACTION

This chapter of the SEIS will describe the project site and its location, the proposed project, the public need and objectives of the project sponsor, and list required approvals, reviews, and permits.

A. Site Location and Description

1. A written and graphic description of the location of the project site in the context of the Towns of Haverstraw and Ramapo, including tax identification numbers and list of abutting properties.

2. Brief description of the environmental setting of the site, its historic use, and the natural resources identified thereon and in the adjoining area.

3. Identification of any easements, rights-of-way, restrictions, special district boundaries or other legal devices affecting the subject properties' development potential.

4. Description of the existing infrastructure serving the project site and/or its immediate environs, including existing site access and road network.

B. Description of the Proposed Action

1. Written and detailed description of the proposed action, including proposed use, consistency with zoning, design, layout, phasing and construction schedule.

2. Identify zoning and describe existing land uses for the project site and adjoining properties.

3. Discuss compliance with all Zoning and Site Plan/Subdivision Approval standards and other criteria set forth in the Town of Haverstraw and Ramapo codes. The SEIS will indicate the extent to which any modifications or waivers of such standards and other criteria or any variances from such regulations would be required to carry out the project as proposed.

C. Project Purpose and Need

1. Discuss the purpose or objective of the project sponsor.

2. Identify the public need for the proposed action, including consideration of consistency with adopted policies and/or plans as set forth within adopted local and regional community land use and development plans.

D. Approvals, Reviews and Permits

1. List and describe all required approvals, reviews, and permits, by agency, to implement the proposed action.

2. List all Involved and Interested Agencies for SEIS distribution.

III. ENVIRONMENTAL SETTING, IMPACTS, MITIGATION

The format or organization of this section will include the following subsection headings for each topic or impact issue:

Existing Conditions
Potential Impacts
Mitigation Measures

This format provides for a more meaningful presentation of the environmental issues that allows the reader to focus on individual impact issues.

A. Soils and Topography

1. Summarize the Existing Conditions findings of the DEIS regarding Soils and Topography.
2. Describe potential impacts resulting from changes to the proposed project.
3. Describe mitigation measures to be implemented including soil erosion and sediment control measures developed in accordance with Chapter 140 of the Town of Haverstraw Code, New York State Standards and Specifications for Erosion and Sediment Control (August 2005), as amended, and the New York State Department of Environmental Conservation (NYSDEC) State Pollutant Discharge Elimination System (SPDES) for Discharges from Construction Activity, General Permit GP-08-001 (General Permit).

B. Surface Water Resources

1. Summarize the Existing Conditions findings of the DEIS regarding Surface Water Resources.
2. Submit a revised stormwater management plan for the project. All proposed mitigation measures and procedures will be selected in accordance with the current NYSDEC Stormwater Management Design Manual (DEC Design Manual) Standards. Zero net increase in runoff will be provided and compliance with Phase II Stormwater regulations will be demonstrated.

C. Ecology and Wetlands

1. Summarize the Existing Conditions findings of the DEIS regarding Ecology and Wetlands.
2. Describe potential impacts resulting from changes to the proposed project. Calculate the area of wetland disturbance, as applicable.
3. Describe mitigation measures.
4. Identify the status of agency regulatory reviews.

D. Land Use and Zoning

1. Summarize the Existing Conditions findings of the DEIS regarding Land Use and Zoning. The narrative will be revised to identify zoning requirements applicable to commercial uses in the "C" zoning district.
2. Assess project's consistency with adjoining land uses.
3. Describe project's compliance with zoning and site/subdivision plan approval standards set forth in the respective Town Codes. If applicable identify any variances or waivers that may be required, including waivers from parking requirements.
4. Identify mitigation measures.

E. Transportation

1. A revised Traffic Study will be submitted. The traffic study will:

- Establish existing conditions based on traffic volume data no more than 2 years old.
- The following intersections will be added to the analysis, in addition to those analyzed in the previous DEIS:
  - Route 202 & Route 306
  - Route 45 & Old Route 202/Park n Ride access
  - Route 202 and Balsam Road/Crystal Hill Club access
- Critical peak periods will include Weekday AM and PM hours and the Saturday peak midday hours.
- An updated list of other area developments will be provided by the Town and traffic from these developments will be included in a comprehensive analysis of future traffic impacts.
- A new "Build" year is to be established based on a reasonable timetable for the type and size of the new project.
- The applicant's traffic engineer will coordinate with the Lead Agency's traffic consultant to develop a list of intersections to be evaluated in the SEIS.
- Trip generation will be based in ITE sources and supplemented as needed.
- Trip distribution to be based on existing patterns and an O/D analysis that considers market area to be served by retail space.
- Synchro/Sim Traffic techniques will be utilized.
- The SEIS will evaluate public transportation, accident data (recent three years), sight distance at proposed driveways to the project, internal circulation patterns.
- The design of internal traffic circulation will consider potential future bus service to the site. Potential need for a future bus stop along the frontage of the site will also be evaluated.

2. Mitigation in the form of recommendations for roadway and intersection improvements, traffic controls, signal modification, timing revision, future monitoring and pedestrian improvements will be discussed.

F. Historic and Archaeological Resources

1. Summarize the findings of the DEIS regarding historic and archaeological resources. The NYS Office of Parks, Recreation and Historic Preservation indicated no further agency review is warranted.

G. Community Facilities and Services

1. Summarize the Existing Conditions findings of the DEIS regarding Community Facilities and Services.
2. Identify impacts to community services based on an assessment of the revised project.
3. Mitigation measures will be discussed including increasing the capacity of each of the community service areas as a result of the proposed action.

H. Fiscal Impact Analysis

1. Submit a revised fiscal impact analysis.

I. Noise and Air Resources

1. The SEIS will evaluate the potential construction-related impacts to noise levels and air resources and will identify appropriate mitigations to reduce same.
2. An air quality screening analysis will be performed in accordance with NYSDEC requirements to determine if any modeling is warranted.
3. Mitigation measures, if required, will be described.

J. Visual Resources

1. Summarize the Existing Conditions findings of the DEIS regarding Visual Resources.
2. The change in the surrounding community's visual character will be assessed.
3. Revised residential building elevations will be provided and the architecture and proposed massing of buildings described.
4. A revised conceptual landscaping plan will be provided and described.

K. Construction-Related Impacts

This section will summarize the surcharge fill activities to be performed on the project site to prepare the site for development, and the construction activities related to building and infrastructure development. Reference will be made to other sections of the DEIS and SEIS that also address impacts associated within construction activities. Short- and long-term impacts to be assessed include: construction-related traffic, including truck traffic associated with fill activities; noise and air quality impacts; the potential for soil erosion and sedimentation; and, long-term settlement issues. Construction phasing will be described. The site has been used as a staging area for improvements being constructed at the Palisades Interstate Parkway interchange. To the extent that the applicant has data with regard to that NYSDOT project, the SEIS will specifically address the following:

- The total amount of fill material that has been imported and placed on the site. The fill volume shall be presented as both an in-place volume and as a trucked volume.
- The area of land impacts and/or disturbed by the activity.
- The impacts, if any, to the "Areas of Concern" presented in the "Remedial Action Work Plan."
- A plan should be submitted that depicts existing and proposed final grades; and limits of fill that was placed.
- If work is ongoing, a summary of erosion and sediment control measures that are being employed to ensure compliance with the SPDES General Permit.
- A copy of the Stormwater Pollution Prevention Plan (SWPPP) that was prepared for these activities.
- Provide evidence of local, state and federal permits that may have been obtained for these activities.

IV. UNAVOIDABLE ADVERSE IMPACTS

This section of the SEIS will identify impacts that are likely to occur despite mitigation measures, and will compare the beneficial and adverse implications of these unavoidable impacts.

V. ALTERNATIVES

This section of the SEIS will evaluate and compare alternatives to the proposed action, which are listed below. The evaluation and comparison will include a conceptual site plan and a tabular comparison of quantified impacts, including trip generation comparisons with the proposed action. The following alternatives will be studied:

A. The "No Action" Alternative as required under 6 NYCRR 617.9.b.5.

B. The DEIS plan. This alternative will summarize the impacts associated with the project that was the subject of the DEIS.

VI. IRREVERSIBLE AND IRRETRIEVABLE COMMITMENT OF RESOURCES

Identification of those natural and man-made resources consumed, converted or otherwise made unavailable for future use as a consequence of the proposed action.

VII. GROWTH INDUCING ASPECTS

Potential growth-inducing aspects, including short and long term, generated by the project will be described.

VIII. EFFECTS ON THE USE AND CONSERVATION OF ENERGY RESOURCES

A description of the effect of the proposed action on the short and long term use and conservation of energy resources will be provided.

XI. APPENDICES

The appendices will include a list of all underlying studies and reports relied upon in preparing the SEIS, technical exhibits and studies background information relevant to the proposed action such as this Scoping Document and other relevant SEQR documents, a list of involved and interested agencies, and relevant correspondence with involved agencies and persons. These include but are not limited to:

1. SEQRA Documentation
2. Correspondence
3. Revised Stormwater Management Report
4. Revised Traffic Report
5. Subsurface Soils and Foundation Engineering Study

APPENDIX B

Correspondence

MILLENNIUM
PIPELINE
COMPANY, L.L.C.

33 Lewis Road
Binghamton, NY 13905
607.797.3349 Fax
www.millenniumpipeline.com

POST CONSTRUCTION CLEAN-UP/RESTORATION RELEASE FORM

Millennium Pipeline Company, L.L.C. (Millennium)
33 Lewis Road
Binghamton, NY 13905

February 15, 2008

MPL Tract No. SY-12R-75

The undersigned hereby acknowledge(s) the Millennium and/or its contractor(s) have completed post-construction clean-up/restoration activities on the above-referenced property.

The undersigned is/are satisfied with the clean-up/restoration on the said premises.

The undersigned hereby agree(s) that Millennium and/or its contractor(s) is/are released from conducting further clean-up restoration activities on the said premises.

Witness: _____
Joe Carroll

Owner: _____
Eric Bergstol/Mark Unger

FEDERAL ENERGY REGULATORY COMMISSION
WASHINGTON, DC 20426

OFFICE OF ENERGY PROJECTS

In Reply Refer To:
OEP/DG2E/Gas Branch 2
Millennium Pipeline Company, LLC
Docket No. CP98-150-006

MAY - 4 2007

Richard H. Lechr, President
Millennium Pipeline Company, LLC
One Blue Hill Plaza, 7th Floor
P.O. Box 1565
Pearl River, NY 10965

Re: Authorization to Use a Pipe Storage Yard

Dear Mr. Lechr:

I grant Millennium Pipeline Company, LLC's (Millennium) request for a limited waiver of ordering paragraph Z of the Federal Energy Regulatory Commission's (FERC or Commission) December 21, 2006 Order (Order) in the above-referenced docket to file executed firm transportation contracts with shippers prior to construction. This waiver is necessary to allow access to Contractor Storage Yard 75 in Haverstraw, New York, for site preparation and use for construction-related activities; office trailers; and equipment, materials, and pipe storage.

Please note that this approval does not allow construction or use of any facilities or areas other than the one specified above. I remind you that Millennium must comply with all remaining terms and conditions of the Order, as well as the procedures stipulated in your previous filings. If you have any questions regarding this approval, please contact Jennifer Kerrigan (202) 502-8954.

Sincerely,

J. Mark Robinson, Director
Office of Energy Projects

cc: Public File, Docket No. CP98-150-006

FULBRIGHT & JAWORSKI L.L.P.
A REGISTERED LIMITED LIABILITY PARTNERSHIP
801 PENNSYLVANIA AVENUE, N.W.
WASHINGTON, D.C. 20004-2623
WWW.FULBRIGHT.COM

DFCOLLINS@FULBRIGHT.COM
DIRECT DIAL: (202) 662-4586

TELEPHONE: (202) 662-0200
FACSIMILE: (202) 662-4643

April 26, 2007

FILED
OFFICE OF THE
SECRETARY
2007 APR 26 P 3:11

Kimberly D. Bose, Secretary
Federal Energy Regulatory Commission
888 First Street, N.E., Room 1A- East
Washington, D.C. 20426

Re: Millennium Pipeline Company, L.L.C., Docket No. CP98-150-006
Request for Limited Waiver to Commence Preparation and Use of Contractor Storage Yard No. 75 (Towns of Haverstraw and Ramapo, Rockland County, New York) in May 2007

Dear Ms. Bose:

On December 21, 2006, the Federal Energy Regulatory Commission ("Commission") issued an Order Issuing and Amending Certificates, Approving Abandonment, Vacating Certificate, and Granting and Denying Rehearing in the referenced proceeding.[1] In Ordering Paragraph (Z) of the Order, the Commission requires that the Northeast (NE)-07 Project sponsors, including Millennium Pipeline Company, L.L.C. ("Millennium"), file executed firm transportation contracts with shippers prior to the construction of any authorized facilities.[2] Millennium is in the process of executing such agreements, which are expected to be completed by the end of May 2007.

However, prior to the anticipated finalization and submission of these agreements to the Commission, Millennium must commence certain site preparation and use of its Contractor Storage Yard No. 75, which is required to support Millennium's 2007 construction work. The site preparation activities that will be required prior to use of the contractor storage yard include but are not necessarily limited to grading to create a level area for equipment/material storage, development of ingress/egress gravel pads, deployment of erosion controls, etc. Millennium has determined that Yard No. 75 will be required for construction-related activities, including but not necessarily limited to contractor office trailers, contractor equipment staging, material staging, pipe storage (principally for the Line A-5 pipe to be removed as part of lift and lay operations), construction equipment/vehicle parking, etc.

[1] *Millennium Pipeline Company, L.L.C., et al.*, 117 FERC ¶61,319 (2006) ("Order").

[2] *Id.* at 62,591.

COPY

MEMORANDUM OF UNDERSTANDING
OPERATIONS PROCEDURES

Whereas, Davies Farm, LLC ("landlord") or its successors/assigns and Millennium Pipeline Company, LLC ("Millennium"), or its successors/assigns have entered into a "Storage Lot License" Agreement, dated May 1, 2007; and

Whereas, the subject property owned by landlord, and a portion to be leased to Millennium is 20 ± acres, which will be utilized by Millennium for equipment storage and other uses described elsewhere, but not for use or storage of any environmentally hazardous materials, other than standard fuel and lubricants that will be stored and used for equipment and other standard material used for pipeline installations such as epoxy and coating materials

Whereas, Millennium is responsible for all obtaining and maintaining all permits pertaining to its work in building the pipeline and for any support services that will be provided by the landlord at this site in support of Millennium's activities. Millennium's responsibilities further include, but are not limited to, traffic control six days per week on a 10 hour/day basis, erosion control, tracking pad, entrance way, dust control, street sweeping as needed, but on a daily basis as a minimum, site security 24 hours per day, seven days per week; and

Whereas, both Millennium and the landlord working on behalf of Millennium, may import clean and/or recycled materials onto the site for fill purposes for construction of temporary equipment driveways and parking areas. Any such work done by Millennium and by landlord on behalf of Millennium, will be performed under permit(s) obtained by Millennium, subject to federal, state and local approvals and regulations; and

Whereas, the grading and placement of filled material will be approved and supervised by landlord, both as to quantity and structural integrity, per Millennium's direction within the leased area; and

Whereas, landlord will require some flexibility in the movement of perimeter fencing on site to accommodate filling and grading activities. Now, Therefore, Be It Resolved that the parties hereto, their agents employees, site contractors and operations personnel will cooperate and communicate with one another as needed to effectuate the terms and conditions of this Memorandum and all other Agreements and Recitals pertaining to the leasing of the subject property.

**TIM
MILLER
ASSOCIATES, INC.**

10 North Street, Cold Spring, NY 10516 (845) 265-4400 265-4418 fax www.timmillerassociates.c

September 19, 2008

Ken Sullivan
Orange and Rockland Utilities
390 West Route 59
Spring Valley, NY 10977

Re: Minisceongo Park, Towns of Haverstraw and Ramapo, Rockland County, New York

Dear Mr. Sullivan:

Tim Miller Associates is preparing a Supplemental Environmental Impact Statement (SEIS) for a proposed mixed use development in the Towns of Haverstraw and Ramapo, known as Minisceongo Park, as shown on the enclosed site map. The site is located north of Route 202 and west of the Palisades Interstate Parkway. The applicant, Davies Farm LLC, proposes the development of a 217,500 square foot shopping center within the Town of Haverstaw and up to 219 multifamily units and 4 commercial pads totaling up to 14,500 square feet of commercial space within the Town of Ramapo.

Please advise as to the availability of your facilities by checking the applicable item below and enclosing a plan showing location, size and/or depth of exisiting and/or future faciilites. Kindly advise of any applicable design, connection, usage or frontage fees related to this service. Also, please indicate the availability of any energy rebate programs of which we make take advantage.

Please sign and return one copy of this letter to me in the enclosed envelope. Should you require additional information, please contact me. Thank you for your cooperation.

Sincerely,

Marcy Denker
mdenker@TimMillerAssociates.com.
TIM MILLER ASSOCIATES, INC.

We the undersigned:

___Have facilities available to serve the project.
___Have no facilities available to serve the project.
* ✓ Will have facilities available to serve the project.

By: Ken Sullivan
Title: Project Manager
Phone: 845-577-3232

* Pending submittal of application and loads

0719
MO

Town of Ramapo

Department of Public Works
16 Pioneer Avenue
Tallman, New York 10982
(845) 357-0591
Fax: (845) 357-0895

COPY

CHRISTOPHER P. ST. LAWRENCE
Supervisor

EDWARD P. DZURINKO
Director of Public Works

September 22, 2008

Marcy Denker
Tim Miller Associates, Inc.
10 North Street
Cold Spring, NY 10516

Re: Minisceongo Park

Dear Ms. Denker:

The Town of Ramapo currently contracts for the removal of garbage, trash & and recyclables from properties in the unincorporated portions of the Town that are classified as 210 (one-family home), 220 (two-family home), 230 (three-family home), 280 (multiple) and 483 (home professional office). There is no provision in the contract to provide service for properties with other classifications.

If the Minisceongo Park project receives Planning Board Approval, I am not certain how the Assessor's Office will classify the property. I recommend you contact the Town's Assessor, Scott Shedler, for assistance at (845) 357-5100.

I also recommend that you contact the Town of Haverstraw for information regarding development in Haverstraw.

Very Truly Yours,

Edward P. Dzurinko
Director of Public Works

cc: Ed Moran, P.E.
Scott Shedler
Nat Oberman

TOWN OF RAMAPO
Department of Parks & Recreation
59 Campbell Avenue
Suffern, New York 10901
(845) 357-6100 Fax: (845) 357-8169
Christopher P. St.Lawrence - Supervisor

Parks & Recreation
Michelle Antosca, Director Parks & Recreation

September 26, 2008

Marcy Denker
Tim Miller Associates, Inc.
10 North Street
Cold Spring, NY 10516

Dear Marcy,

In response to your letter dated September 19th regarding Minisceongo Park, the Town of Ramapo has purchased new land and developed new recreation facilities since 2005. I am not familiar with which recreation facilities that the East Ramapo Central School District has to offer, I can list new facilities that the Town of Ramapo has to offer .

1. Ramapo Equestrian Center
   Rt. 202
   Suffern, NY

2. Joseph T. St. Lawrence Community Health & Sports Center
   115 Torne Valley Road
   Hillburn, NY

3. Ramapo Senior Citizens Community Center
   319 Rt. 202
   Suffern, NY

We have purchased almost an additional 1,000 acres of property above and beyond the facilities listed above. If you need further assistance please do not hesitate to contact me.

Sincerely,

Michelle Antosca
Dir. Parks & Recreation
Town of Ramapo

Emergency Services Questionnaire
Minisceongo Park Project

1 Please describe the current manpower and equipment levels of the Corps.

5 Ambulances 100 members
1 Paramedic Truck

2. What is your current service area and the population served? Town of Ramapo - 60,000

3. How many calls for service does the Association receive per year? Please break the calls down by type (residential, commercial/retail, industrial etc.) if possible. 5000

4. Location(s) of station(s) nearest to the site. 48 Brick Church Rd Spring Valley ny

5. Estimated response time to the site. 5-8 minutes

6. Describe any existing plans, if any, for your station to expand its staffing, facilities, and/or equipment.

None

7. Would the proposed development require any expansion of Corps staffing, facilities, and/or equipment?

No

8. Please review the enclosed site plans and comment on site access and any other aspects of the plan relevant to emergency protection services.

9. Describe any overlap in jurisdiction, or mutual aid provided by neighboring communities

The area in the back & parking lots would be covered by Haverstraw Ambulance

Completed by: Steve E-Kaye Captain Date: 9/29/08

Please return to:

Marcy Denker
Tim Miller Associates, Inc.
10 North Street
Cold Spring, New York 12550
Phone: (845) 265-4400 Fax: (845) 265-4418
Email: mdenker@timmillerassociates.com

SPRING HILL COMMUNITY AMBULANCE CORPS
SERVING THE TOWNS OF RAMAPO AND CLARKSTOWN

PAGER 845-685-0408
HOME 845-638-1086
CELL 845-558-8648
E-MAIL: captkayos@aol.com

STEVE KAYE, BS/EMT-D
CAPTAIN

48 BRICK CHURCH ROAD
SPRING VALLEY, NY 10977

TEL 845-354-0618 EXT. 211
FAX 845-354-3284

COUNTY OF ROCKLAND

DEPARTMENT OF PUBLIC TRANSPORTATION

The Dr. Robert L. Yeager Health Center
Building T
Pomona, New York 10970
(845) 364-2064
Fax. (845) 364-2074
www. rocklandgov.com
(Click on the bus)

C. SCOTT VANDERHOEF
County Executive

SALVATORE CORALLO
Commissioner

MICHAEL J. GURSKI
Transit Administrator

October 3, 2008

Mr. David Zigler
ATZL, SCATASSA & ZIGLER, P.C.
234 North Main Street
New City, New York 10956

Re: Minisceongo Park

Dear Mr. ~~Zigler~~ Dave:

Thank you for giving the Department of Public Transportation the opportunity to review the plans for the build out of Minisceongo Park. As long as the roads are configured for access by fire vehicles, buses should also be able to access the site

At this time, the Department of Public Transportation would propose running our Transport of Rockland (TOR) bus Route #95 which serves Haverstraw and Rockland Community College onto this site. TOR Route #95 transfers with these other TOR routes: TOR #59, #91, #93 #94, #97, Loop 3, and Ferry Xpress. I have enclosed copies of these schedules for your information.

We would request a dedicated passenger pick-up and discharge area somewhere along the curbside of Building B. This location provides safe maneuverability with the least amount of pedestrian and vehicular activity. We would also like a stop somewhere in the vicinity of the housing, but we are unsure whether there is a safe place in that vicinity.

We estimate ridership to be about 80 boarding and alighting per-day.

As an observation of the site plan, we note that sidewalks should be provided throughout the site to accommodate pedestrian traffic.

Again, thank you for he opportunity to review the plan. If you have any questions please contact me at (845) 364-2066.

Very truly yours

Michael J. Gurski
Transit Administrator

Copy: Patrick Gerdin, Principal Planner (Transportation)
Irwin G. Cohen, TDM Coordinator
Vincent Marzella Jr., Marketing Assistant

TRIPS.

Police Services Questionnaire
Minisceongo Park Project

1. Please describe the current manpower and equipment levels of the Department.

The Town of Haverstraw Police Department is a 72 man Department We are a Full Service Department and Equipment Levels Vary with each Division within the department

2. What is your current service area and the population served?

We are responsible for the entire TOWN of Haverstraw, which includes the Village of Haverstraw, Village of West Haverstraw and part of the Village of Pomona

3. How many calls for service does the Department receive per year? Please break the calls down by type (residential, commercial/retail, industrial etc.) if possible.

Last year we handled approximately 28,000 Call For Service

4. Location(s) of station(s) nearest to the site.

101 W Ramapo Rd Garnerville Approx 2 miles East of Site

5. Estimated response time to the site.

depending upon Location of Car Less than 5 mins Non emergency

6. Describe any existing plans, if any, for your station to expand its staffing, facilities, and/or equipment.

There are no plans at present Time

7. Would the proposed development require any expansion of the department's staffing, facilities, and/or equipment?

I believe it would require an expansion of manpower the Facilities is at its breaking point Also

8. Please review the enclosed site plans and comment on site access and any other aspects of the plan relevant to police protection services.

my only Concern would be if there was a major Situation Either at Gas Station or on Route 202 by Entrance would there be Suitable way to access the buildings

9. Describe any overlap in jurisdiction, or mutual aid provided by neighboring communities

The Town of Ramapo Police [redacted] has jurisdiction on part of the proposed project. We have a mutual Aid Agreement with them in place.

Completed by: Chief Charles Miller Date: 10/7/08

Please return to:

Marcy Denker
Tim Miller Associates, Inc.
10 North Street
Cold Spring, New York 10516

The Police Department of The Town of Ramapo
237 Route 59
Suffern, New York 10901
Peter Brower, Chief of Police
845-357-9838 Fax 845-357-5641

Ms. Marcy Denker
Tim Miller Associates, Inc.
10 North Street
Cold Spring, New York 10516

October 20, 2008

Re: Minisceongo Park, Town of Ramapo, Rockland County, N.Y.

Dear Ms. Denker:

I have reviewed the site map sent to the Ramapo Police Department concerning the proposed Minisceongo Park project. Based upon a review of the map I do not anticipate the Ramapo Police Department adding additional staff to provide police services to the proposed site. The Town of Ramapo Police Department is located at 237 Rt. 59 Suffern, N.Y. and we do not have any sub-stations. The department has a total of 123 sworn police officers and responds to approximately 60,000 calls for police services each year.

The Town of Ramapo Police Department will provide police services to that portion of the site within the geographical confines of the Town of Ramapo. There is no overlap in jurisdiction(s) although we do have a mutual aid agreement with neighboring law enforcement agencies.

Estimated response time to the project site would depend on the type of call and the location of deployable field assets at the time of service request. However, non-emergency response time is estimated to be approximately 10-15 minutes. Population is estimated at approximately 95,000 residents in the town equating to a service ratio of 1 police officer for every 772 residents. Access to the site appears adequate; however, a security assessment can not be adequately made from a map considering topography, lighting, line of sight and other matters relating to crime prevention.

Sincerely,

William Gravina

Adm. Lt. William Gravina

BF, MD, D. Zigler, E. Bergstol
fil 04/24

COUNTY OF ROCKLAND

SEWER DISTRICT NO. 1

4 Route 340
Orangeburg, New York 10962
(845) 365-6111
Fax. (845) 365-6686

C. SCOTT VANDERHOEF
County Executive

JULIUS GRAIFMAN
Chairman
CHRISTOPHER P. ST.LAWRENCE
Vice-Chairman
DIANNE T. PHILIPPS, P.E.
Executive Director

October 22, 2008

VIA FACSIMILE

Ms. Marcy Denker
Tim Miller Associates, Inc.
10 North Street
Cold Spring, NY 10516

Re: Minisceongo Park
Town of Ramapo Tax Lots 33.06-1-1 and 2
1618 and 1630 Route 202, Pomona
Town of Haverstraw Tax Lots 25.18-2-3 and 4
221 and 219 Quaker Road, Pomona

Dear Ms. Denker:

Rockland County Sewer District No. 1 has received and reviewed two (2) faxes from your office dated October 21, 2008 that include excerpts from a Supplemental Draft Environmental Impact Statement (SDEIS) for the above referenced project.

The excerpts from the SDEIS are essentially correct. However, they require some clarification to make them relevant to this project.

The SDEIS states, "The Joint Regional Sewerage treats wastewater generation for the Town of Haverstraw." This is mostly true. However, the Joint Regional Sewerage Board (JRSB) treatment plant also receives and treats wastewater from at least one source outside the Town of Haverstraw. Rockland County Sewer District No. 1's Mount Ivy Pump Station on Route 202 collects wastewater from a portion of the Town of Ramapo and discharges it to a JRSB sewer on Thiells-Mount Ivy Road in Haverstraw, which flows to the JRSB treatment plant.

The SDEIS states, "The Town of Ramapo Public Works Department takes care of the sewer lines in the Town of Ramapo." This is not entirely true. The existing sewer lines in the Town of Ramapo that would serve this project are owned and maintained by Rockland County Sewer District No. 1. The District owns and maintains a sewer extension that crosses Route 202 from the Ramapo portion of the project site. The District owns and maintains the sewer main on Route 202 (Mount Ivy Interceptor sewer) to which the existing sewer extension from the project site connects. Finally, the District owns and maintains the pump station on Route 202 (Mount Ivy Pump Station) into which the sewer main flows, and the force main from the pump station.

In summary, the District owns and maintains the entire infrastructure *in the Town of Ramapo* that would serve this project.

The SDEIS states, "The existing county facility can handle 28.9 MGD per 30-day period. The plant is currently handling approximately 19-21 MGD, and this has excess capacity." These statements are correct, but they are not relevant to this project. The wastewater from Minisceongo Park will *not* flow to and be treated at the existing county facility in Orangeburg.

Finally, your fax states that this project will generate 116,350 gallons per day of wastewater. District records indicate that the Mount Ivy Pump Station has a capacity of approximately 1.58 million gallons per day. The pump station also has a flow meter. Your office may request data from the District's flow meter by submitting a Freedom of Information Law request. **The District requires a flow and capacity analysis of the impact of Minisceongo Park on the District's interceptor, pump station and force main.**

Please inform us of all developments in this project. If you have any questions, please contact this office at 845-365-6111.

Very truly yours,

Joseph LaFiandra
Engineer II

Attachment

cc: D. Philipps M. Saber
Edward Moran, P.E. – Town of Ramapo DPW
Patrick Brady, P.E. – Haverstraw JRSB, Ecology Lane, West Haverstraw, NY 10993
Alan M. Simon – Town of Ramapo Planning Board

File: TOR 33.06-1-1 et al. (4./7/A1) – Minisceongo Park
Impact Fees
Reader

From: HVAC16EMT@aol.com [mailto:HVAC16EMT@aol.com]
Sent: Monday, October 27, 2008 8:50 PM
To: mdenker@timmillerassociates.com
Subject: Re: Information request

In a message dated 10/22/2008 11:04:14 A.M. Eastern Daylight Time, mdenker@timmillerassociates.com writes:

Captain Eshbach:

Our office sent a package to you in September requesting information, as we are preparing an Environmental Impact Statement for a proposed development in the Towns of Haverstraw and Ramapo, known as Minisceongo Park. We are required to describe the existing emergency services in the project area, and the potential impacts. Please see the brief description of the project and the questionnaire below, and provide the information at your earliest convenience. We plan to submit our report within the next several days. We appreciate your assistance.

The site is located north of Route 202 and west of the Palisades Interstate Parkway. The applicant, Davies Farm LLC, proposes the development of a 217,500 square foot shopping center within the Town of Haverstraw and up to 219 multifamily units and 4 commercial pads totaling approximately 12,500 square feet of commercial space within the Town of Ramapo.

1 Please describe the current manpower and equipment levels of the Corps.

4 Basic Life Support Ambulances, 30 Emergency Medical Technicians, 60 Drivers (including the 30 EMT'S)

2. What is your current service area and the population served? All Town's and Villages within the Town of Haverstraw

3. How many calls for service does the Association receive per year? Approximately 230 per month. Mostly residential.

4. Location(s) of station(s) nearest to the site. One Station, located at 160 N. Rte 9W, Haverstraw.

5. Estimated response time to the site. Approximately 10 minutes if responding from the Station. We are a volunteer organization and many times our members respond from home.

6. Describe any existing plans, if any, for your station to expand its staffing, facilities, and/or equipment. Again, we are a volunteer organization and we are always looking to expand our membership and update equipment.

7. Would the proposed development require any expansion of Corps staffing, facilities, and/or equipment? See #6

8. Describe any overlap in jurisdiction, or mutual aid provided by neighboring communities Part of your plan may extend into Spring Hill Ambulance jurisdiction. They would be our mutual aid corps if we were unavailable to respond.

Marcy Denker
Planner

Tim Miller Associates, Inc.
Planning · Landscape Design · Traffic · Wetlands & Ecology
Hydrogeology · Economics · Project Management · Permitting <<...>>
---
10 North Street, Cold Spring, N.Y. 10516
845.265.4400 voice 845.265.4418 fax
url: www.timmillerassociates.com
email: mdenker@timmillerassociates.com

OFFICE OF PARKS · RECREATION · HISTORIC PRESERVATION
NEW YORK STATE
Bernadette Castro
Commissioner

New York State Office of Parks, Recreation and Historic Preservation
Historic Preservation Field Services Bureau
Peebles Island, PO Box 189, Waterford, New York 12188-0189 518-237-8643

November 1, 2005

Janell Herring
Senior Planner
Tim Miller Associates, Inc.
10 North Street
Cold Spring, NY 10516

Re: **DOT/DEC**
Minisceongo Park Development
Haverstraw/Ramapo, Rockland County
05PR04244

Dear Ms. Herring:

Thank you for continuing consultation with the Office of Parks, Recreation and Historic Preservation (OPRHP). We have reviewed the project in accordance with Section 14.09 of the New York State Parks, Recreation and Historic Preservation Law of 1980.

Based upon our review of the most recently submitted information, it is the OPRHP's opinion that the project will have **No Adverse Impact** upon properties in or eligible for inclusion in the State and National Registers of Historic Places.

If you have any questions, please feel free to contact me at your convenience. Ext. 3273.

Sincerely,

Kenneth Markunas
Historic Sites
Restoration Coordinator

CC; DOT Region 8
DEC Region 3
Jayne McLaughlin, Palisades Region

An Equal Opportunity/Affirmative Action Agency
printed on recycled paper

Orangetown Police Department

Call history for Lowe's 206 Rt 303, Orangeburg NY 10962
2003-Present

- **31 fire alarms**
- **98 burglar alarms**
- **22 suspicious calls**
- **39 aided calls (injury or medical)**
- **11 larceny calls**
- **22 accident calls**
- **1 lock out call**
- **3 found property calls**
- **1 disorderly conduct call**
- **1 bad check call**
- **3 non criminal calls**
- **5 lost property calls**
- **5 vehicle and traffic calls**
- **3 animal calls**
- **3 civil calls**
- **11 larceny calls**
- **4 criminal mischief calls**
- **2 hazardous conditions calls**
- **27 911 hang up calls**
- **13 911 emergency calls**

Tim Miller Associates, Inc.

Fax Cover This is a confidential message, intended solely for the person to whom it is addressed. If you receive this message in error, please forward it to the correct person, or mail it back to us. Thank you.

TOWN OF RAMAPO
POLICE DEPARTMENT
2009 JAN -8 A 11:59

To Officer Barba

Fax No. 845-368-4561

From Marcy Denker

Date/Time January 8, 2009

Subject Minisceongo Park Environmental Impact Statement

Pages <1 Page>, including this one

Our office is preparing an Environmental Impact Statement for a development project in Ramapo and Haverstraw and would like data on similar developments nearby.

Since the proposed development is a "big box" type retail center, we are seeking data on police calls to the Costco, Loews and Walmart in Rockland County.

Please provide data on the number and types of calls the police department responds to from the Walmart Store in Suffern and provide any other observations you consider relevant in this comparison

Thank you for your assistance.

Tim Miller Associates, Inc.
10 North Street
Cold Spring, NY 10516
845-265-4400
fax: 845-265-4418
www.timmillerassociates.com

Tim Miller, AICP
Steve Marino, PWS
Frederick Wells, RLA
Bonnie Franson, AICP, PP
Stephen Lopez, AICP, RLA
Jon Dahlgren
James A. Garofalo, AICP
*James D. Benson, AICP, PWS,**
Liz Axelson, AICP
Ann Cutignola, AICP
Chris Robbins
James Bates
Maureen Sacchetti Fisher
Kendra Billings
*Brendon Masterson**
Brian Bury
Walter Bost
Marcy Denker
James F. Stanley
Jill M. Butler
Doreen Derry
Michelle Gallo

Sergio Smirniglio,
Consulting Hydrogeologist

** CPESC / CPSWQ*

PROGRAM . . . : PL1325
REPORT . . . : Incident Analysis Report
USER . . . . : ZOD99401
DATE . . . . : 01/08/2009
TIME . . . . : 11:57:39
HOLD . . . . : NO
COPIES . . . : 1
OUTPUT QUEUE: *DEFAULT
DISTRIBUTION: *NONE

SELECTION OPTIONS
FROM DATE . . : 01/01/2007
THRU DATE . . : 12/31/2007
TIME FRAME . : CONTINUOUS
SORT SEQUENCE : INCIDENT TYPE
REPORT TYPE . : TOTAL
DOCUMENTS . . : *NONE
COMBINE ORI#s : NO
STATUS/DISPOS : NO
ORI . . . . . : NY0435300RTPD
REPORTABLE . : YES
STATION . . . : *ALL
SOURCE . . . : *ALL
GRIDS . . . . : *ALL
INCIDENT TYPES: *ALL
INC TYPE GROUP: *ALL
STATUS/DISP . : *ALL
UNIT . . . . : *ALL
OFFICER ID . : *ALL
RECEIVED ID . : *ALL
DISPATCHED ID : *ALL
LOCATION TYPE : *ALL
STREET . . . : 250 RT 59
AREA . . . . : *ALL

R C Police Information Network
DATE 01/08/2009
TIME 11:57:39

A E G I S P U B L I C S A F E T Y S Y S T E M
INCIDENT ANALYSIS REPORT - TOTALS

TOTAL INCIDENTS FOR TYPE	VT	P	VT	:	7
TOTAL INCIDENTS FOR TYPE	ABC	P	ABC VIOL	:	1
TOTAL INCIDENTS FOR TYPE	HAZ	P	Hazd Cond	:	1
TOTAL INCIDENTS FOR TYPE	107	P	MVA NO INJ	:	35
TOTAL INCIDENTS FOR TYPE	108	P	MVA W/ INJ	:	3
TOTAL INCIDENTS FOR TYPE	111	P	DISORDERLY	:	6
TOTAL INCIDENTS FOR TYPE	112	P	FIGHT	:	1
TOTAL INCIDENTS FOR TYPE	113	P	EDP	:	3
TOTAL INCIDENTS FOR TYPE	114	P	DOMESTIC	:	10
TOTAL INCIDENTS FOR TYPE	115	P	FIRE	:	5
TOTAL INCIDENTS FOR TYPE	116	P	HIT & RUN	:	9
TOTAL INCIDENTS FOR TYPE	119	P	INTOX PERS	:	1
TOTAL INCIDENTS FOR TYPE	120	P	SUSPICIOUS	:	27
TOTAL INCIDENTS FOR TYPE	122	P	BURG ALARM	:	14
TOTAL INCIDENTS FOR TYPE	125	P	MED EMERG	:	48
TOTAL INCIDENTS FOR TYPE	126	P	TRAFF POST	:	3
TOTAL INCIDENTS FOR TYPE	131	P	LARCENY	:	42
TOTAL INCIDENTS FOR TYPE	140	P	TRESPASS	:	4
TOTAL INCIDENTS FOR TYPE	145	P	CRIM MISCH	:	1
TOTAL INCIDENTS FOR TYPE	161	P	CIVIL	:	7
TOTAL INCIDENTS FOR TYPE	185	P	FRAUDS CRD	:	2
TOTAL INCIDENTS FOR TYPE	190	P	FRAUDS OTH	:	2
TOTAL INCIDENTS FOR TYPE	216	P	DISABLEVEH	:	4
TOTAL INCIDENTS FOR TYPE	240	P	PUB ORDER	:	11
TOTAL INCIDENTS FOR TYPE	300	P	CPOP REPRT	:	3
TOTAL INCIDENTS FOR TYPE	500	P	ADMN REPRT	:	39
TOTAL INCIDENTS FOR TYPE	911	P	E911	:	3
TOTAL INCIDENTS FOR TYPE	ABCV	P	ABC Violat	:	2
TOTAL INCIDENTS FOR TYPE	IDNT	P	Identtheft	:	2
TOTAL INCIDENTS FOR TYPE	PDAA	P	PD AGENCY	:	1
TOTAL INCIDENTS FOR TYPE	PDAM	P	PROPDAMAGE	:	4
TOTAL INCIDENTS FOR TYPE	PROP	P	PROPERTY	:	52
TOTAL INCIDENTS FOR TYPE	PUBA	P	PUB ASSIST	:	3
TOTAL INCIDENTS FOR TYPE	REPO	P	Repossess	:	1
TOTAL INCIDENTS FOR TYPE	WARR	P	WARRANT	:	1
TOTAL INCIDENTS FOR TYPE	108P	P	PDACCINJRY	:	1
TOTAL INCIDENTS FOR TYPE	160P	P	LOSTPASSPT	:	2
TOTAL INCIDENTS FOR TYPE	163M	P	Sex Miscdt	:	1
TOTAL INCIDENTS FOR TYPE	511V	P	SuspendOpr	:	4
TOTAL INCIDENTS FOR TYPE	512V	P	SuspendVeh	:	1
TOTAL INCIDENTS FOR TYPE	911E	P	911 Errors	:	1
TOTAL INCIDENTS FOR TYPE	911H	P	911 Hangup	:	13

TOTALS FOR NY0435300: 381

GRAND TOTAL: 381

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PROGRAM . . . : PLL325
REPORT  . . . : Incident Analysis Report
USER    . . . : ZOD99401
DATE    . . . : 01/08/2009
TIME    . . . : 11:55:43
HOLD    . . . : NO
COPIES  . . . : 1
OUTPUT QUEUE: : *DEFAULT
DISTRIBUTION: : *NONE

SELECTION OPTIONS
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  THRU DATE . . . : 12/31/2008
  TIME FRAME  . . : CONTINUOUS
  SORT SEQUENCE . : INCIDENT TYPE
  REPORT TYPE . . : TOTAL
  DOCUMENTS . . . : *NONE
  COMBINE ORI#s . : NO
  STATUS/DISPOS . : NO
  ORI . . . . . : NY04353O0RTPD
  REPORTABLE  . . : YES
  STATION . . . . : *ALL
  SOURCE  . . . . : *ALL
  GRIDS . . . . . : *ALL
  INCIDENT TYPES: : *ALL
  INC TYPE GROUP: : *ALL
  STATUS/DISP . . : *ALL
  UNIT  . . . . . : *ALL
  OFFICER ID  . . : *ALL
  RECEIVED ID . . : *ALL
  DISPATCHED ID . : *ALL
  LOCATION TYPE . : *ALL
  STREET  . . . . : 250 RT 59
  AREA  . . . . . : *ALL
```

R C Police Information Network
DATE 01/08/2009
TIME 11:55:43

A E G I S P U B L I C S A F E T Y S Y S T E M
INCIDENT ANALYSIS REPORT - TOTALS

TOTAL INCIDENTS FOR TYPE	VT	P	VT	:	4
TOTAL INCIDENTS FOR TYPE	HAZ	P	Hazd Cond	:	5
TOTAL INCIDENTS FOR TYPE	PPT	P	PPT	:	1
TOTAL INCIDENTS FOR TYPE	107	P	MVA NO INJ	:	44
TOTAL INCIDENTS FOR TYPE	108	P	MVA W/ INJ	:	6
TOTAL INCIDENTS FOR TYPE	111	P	DISORDERLY	:	7
TOTAL INCIDENTS FOR TYPE	112	P	FIGHT	:	2
TOTAL INCIDENTS FOR TYPE	113	P	BDP	:	3
TOTAL INCIDENTS FOR TYPE	114	P	DOMESTIC	:	4
TOTAL INCIDENTS FOR TYPE	115	P	FIRE	:	13
TOTAL INCIDENTS FOR TYPE	116	P	HIT & RUN	:	13
TOTAL INCIDENTS FOR TYPE	118	P	HAZ MAT	:	1
TOTAL INCIDENTS FOR TYPE	119	P	INTOX PERS	:	3
TOTAL INCIDENTS FOR TYPE	120	P	SUSPICIOUS	:	21
TOTAL INCIDENTS FOR TYPE	122	P	BURG ALARM	:	7
TOTAL INCIDENTS FOR TYPE	124	P	STOLEN CAR	:	1
TOTAL INCIDENTS FOR TYPE	125	P	MED EMERG	:	38
TOTAL INCIDENTS FOR TYPE	131	P	LARCENY	:	43
TOTAL INCIDENTS FOR TYPE	135	P	ANIMALS	:	4
TOTAL INCIDENTS FOR TYPE	140	P	TRESPASS	:	3
TOTAL INCIDENTS FOR TYPE	145	P	CRIM MISCH	:	4
TOTAL INCIDENTS FOR TYPE	161	P	CIVIL	:	3
TOTAL INCIDENTS FOR TYPE	162	P	NOTIFY	:	1
TOTAL INCIDENTS FOR TYPE	185	P	FRAUDS CRD	:	4
TOTAL INCIDENTS FOR TYPE	190	P	FRAUDS OTH	:	1
TOTAL INCIDENTS FOR TYPE	216	P	NOISECOMP	:	2
TOTAL INCIDENTS FOR TYPE	218	P	DISABLEVEH	:	5
TOTAL INCIDENTS FOR TYPE	220	P	DRUGS	:	2
TOTAL INCIDENTS FOR TYPE	240	P	PUB ORDER	:	14
TOTAL INCIDENTS FOR TYPE	300	P	CPOP REPRT	:	2
TOTAL INCIDENTS FOR TYPE	500	P	ADMN REPRT	:	47
TOTAL INCIDENTS FOR TYPE	911	P	B911	:	2
TOTAL INCIDENTS FOR TYPE	IDNT	P	Identtheft	:	2
TOTAL INCIDENTS FOR TYPE	LOCK	P	Lock Out	:	2
TOTAL INCIDENTS FOR TYPE	PDAA	P	PD AGENCY	:	2
TOTAL INCIDENTS FOR TYPE	PDAM	P	PROPDAMAGE	:	3
TOTAL INCIDENTS FOR TYPE	PROP	P	PROPERTY	:	34
TOTAL INCIDENTS FOR TYPE	PUBA	P	PUB ASSIST	:	3
TOTAL INCIDENTS FOR TYPE	115A	P	ALARM/FIRE	:	4
TOTAL INCIDENTS FOR TYPE	132M	P	Menacing	:	1
TOTAL INCIDENTS FOR TYPE	160P	P	LOSTPASSPT	:	2
TOTAL INCIDENTS FOR TYPE	163M	P	Sex Miscdt	:	1
TOTAL INCIDENTS FOR TYPE	511V	P	SuspendOpr	:	2
TOTAL INCIDENTS FOR TYPE	512V	P	SuspendVeh	:	1
TOTAL INCIDENTS FOR TYPE	911H	P	911 Hangup	:	14

TOTALS FOR NY0435300: 381

GRAND TOTAL: 381

MILLENNIUM
PIPELINE
COMPANY, L.L.C.

33 Lewis Road
Binghamton, NY 13905
607.797.3349 Fax
www.millenniumpipeline.com

POST CONSTRUCTION CLEAN-UP/RESTORATION RELEASE FORM

Millennium Pipeline Company, L.L.C. (Millennium)
33 Lewis Road
Binghamton, NY 13905

February 15, 2008

MPL Tract No. SY-12R-75

The undersigned hereby acknowledge(s) the Millennium and/or its contractor(s) have completed post-construction clean-up/restoration activities on the above-referenced property.

The undersigned is/are satisfied with the clean-up/restoration on the said premises.

The undersigned hereby agree(s) that Millennium and/or its contractor(s) is/are released from conducting further clean-up restoration activities on the said premises.

Witness: _____
Joe Carroll

Owner: _____
Eric Bergstol/Mark Unger

FEDERAL ENERGY REGULATORY COMMISSION
WASHINGTON, DC 20426

OFFICE OF ENERGY PROJECTS

In Reply Refer To:
OEP/DG2E/Gas Branch 2
Millennium Pipeline Company, LLC
Docket No. CP98-150-006

MAY - 4 2007

Richard H. Lechr, President
Millennium Pipeline Company, LLC
One Blue Hill Plaza, 7th Floor
P.O. Box 1565
Pearl River, NY 10965

Re: Authorization to Use a Pipe Storage Yard

Dear Mr. Lechr:

I grant Millennium Pipeline Company, LLC's (Millennium) request for a limited waiver of ordering paragraph Z of the Federal Energy Regulatory Commission's (FERC or Commission) December 21, 2006 Order (Order) in the above-referenced docket to file executed firm transportation contracts with shippers prior to construction. This waiver is necessary to allow access to Contractor Storage Yard 75 in Haverstraw, New York, for site preparation and use for construction-related activities; office trailers; and equipment, materials, and pipe storage.

Please note that this approval does not allow construction or use of any facilities or areas other than the one specified above. I remind you that Millennium must comply with all remaining terms and conditions of the Order, as well as the procedures stipulated in your previous filings. If you have any questions regarding this approval, please contact Jennifer Kerrigan (202) 502-8954.

Sincerely,

J. Mark Robinson, Director
Office of Energy Projects

cc: Public File, Docket No. CP98-150-006

FULBRIGHT & JAWORSKI L.L.P.
A REGISTERED LIMITED LIABILITY PARTNERSHIP
801 PENNSYLVANIA AVENUE, N.W.
WASHINGTON, D.C. 20004-2623
WWW.FULBRIGHT.COM

DFCOLLINS@FULBRIGHT.COM
DIRECT DIAL: (202) 662-4586

TELEPHONE: (202) 662-0200
FACSIMILE: (202) 662-4643

April 26, 2007

FILED
OFFICE OF THE
SECRETARY
2007 APR 26 P 3:11

Kimberly D. Bose, Secretary
Federal Energy Regulatory Commission
888 First Street, N.E., Room 1A- East
Washington, D.C. 20426

Re: Millennium Pipeline Company, L.L.C., Docket No. CP98-150-006
Request for Limited Waiver to Commence Preparation and Use of Contractor Storage Yard No. 75 (Towns of Haverstraw and Ramapo, Rockland County, New York) in May 2007

Dear Ms. Bose:

On December 21, 2006, the Federal Energy Regulatory Commission ("Commission") issued an Order Issuing and Amending Certificates, Approving Abandonment, Vacating Certificate, and Granting and Denying Rehearing in the referenced proceeding.[1] In Ordering Paragraph (Z) of the Order, the Commission requires that the Northeast (NE)-07 Project sponsors, including Millennium Pipeline Company, L.L.C. ("Millennium"), file executed firm transportation contracts with shippers prior to the construction of any authorized facilities.[2] Millennium is in the process of executing such agreements, which are expected to be completed by the end of May 2007.

However, prior to the anticipated finalization and submission of these agreements to the Commission, Millennium must commence certain site preparation and use of its Contractor Storage Yard No. 75, which is required to support Millennium's 2007 construction work. The site preparation activities that will be required prior to use of the contractor storage yard include but are not necessarily limited to grading to create a level area for equipment/material storage, development of ingress/egress gravel pads, deployment of erosion controls, etc. Millennium has determined that Yard No. 75 will be required for construction-related activities, including but not necessarily limited to contractor office trailers, contractor equipment staging, material staging, pipe storage (principally for the Line A-5 pipe to be removed as part of lift and lay operations), construction equipment/vehicle parking, etc.

[1] *Millennium Pipeline Company, L.L.C., et al.*, 117 FERC ¶61,319 (2006) ("Order").

[2] *Id.* at 62,591.

COPY

MEMORANDUM OF UNDERSTANDING
OPERATIONS PROCEDURES

Whereas, Davies Farm, LLC ("landlord") or its successors/assigns and Millennium Pipeline Company, LLC ("Millennium"), or its successors/assigns have entered into a "Storage Lot License" Agreement, dated May 1, 2007; and

Whereas, the subject property owned by landlord, and a portion to be leased to Millennium is 20 ± acres, which will be utilized by Millennium for equipment storage and other uses described elsewhere, but not for use or storage of any environmentally hazardous materials, other than standard fuel and lubricants that will be stored and used for equipment and other standard material used for pipeline installations such as epoxy and coating materials

Whereas, Millennium is responsible for all obtaining and maintaining all permits pertaining to its work in building the pipeline and for any support services that will be provided by the landlord at this site in support of Millennium's activities. Millennium's responsibilities further include, but are not limited to, traffic control six days per week on a 10 hour/day basis, erosion control, tracking pad, entrance way, dust control, street sweeping as needed, but on a daily basis as a minimum, site security 24 hours per day, seven days per week; and

Whereas, both Millennium and the landlord working on behalf of Millennium, may import clean and/or recycled materials onto the site for fill purposes for construction of temporary equipment driveways and parking areas. Any such work done by Millennium and by landlord on behalf of Millennium, will be performed under permit(s) obtained by Millennium, subject to federal, state and local approvals and regulations; and

Whereas, the grading and placement of filled material will be approved and supervised by landlord, both as to quantity and structural integrity, per Millennium's direction within the leased area; and

Whereas, landlord will require some flexibility in the movement of perimeter fencing on site to accommodate filling and grading activities. Now, Therefore, Be It Resolved that the parties hereto, their agents employees, site contractors and operations personnel will cooperate and communicate with one another as needed to effectuate the terms and conditions of this Memorandum and all other Agreements and Recitals pertaining to the leasing of the subject property.

APPENDIX C

Drainage Report

ATZL, SCATASSA & ZIGLER P.C. • ENGINEERS-SURVEYORS-PLANNERS

CONCEPT DRAINAGE REPORT

Prepared For:

MINISCEONGO PARK

ROUTE 202
TOWN OF HAVERSTRAW, TOWN OF RAMAPO
ROCKLAND COUNTY, NEW YORK

Date: September 23, 2008
Job No. 1560

Ray Ahmadi, Ph.D., P.E. NYS#59392
New York State Professional Engineer

234 North Main Street • New City, New York 10956 • Tel. (845) 634-4694 • Fax (845) 634-5543
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MINISCEONGO PARK

N. Y. S. ROUTE 202
TOWN OF HAVERSTRAW
TOWN OF RAMAPO
ROCKLAND COUNTY
NEW YORK

HYDRAULIC AND HYDROLOGICAL STUDY

BY

ATZL, SCATASSA & ZIGLER P.C.
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DATE OF REPORT: SEPTEMBER 23, 2008

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September 23, 2008

The Town of Haverstraw Planning Board
Haverstraw Town Hall
One Rosman Road
Haverstraw Town Hall
Garnerville, NY 10923

Att.: Mr. Michael J. Gurski, Planning Board ChairPerson

Re: Minisceongo Park
Town of Haverstraw
Town of Ramapo
Rockland County, New York

Sub: Conceptual Drainage Study

INTRODUCTION:

The following hydrological / hydraulic (drainage) study has been prepared for the above-mentioned project to calculate approximately the required storage volume needed to achieve the zero net increase of peak runoff as well as water quality requirements upon the completion of the proposed developments in the Town of Haverstraw / Town of Ramapo, New York.

The project is located at Route 202 on the Northwest side of Palisades Interstate Parkway and Westerly side of Quaker Road. The total watershed area of this project is about 51.2 acres as shown on drainage maps.

The current plan shows five building designated for commercial use and labeled "Buildings A to B" and another five buildings designated to be residential buildings and labeled "Buildings 1 to 5".

Due to the proposed impervious areas (Proposed roof & paved areas), the peak runoff from the developed site will be increased. Mitigation is necessary to achieve zero net increase of peak runoff from the site and meet water quality standards before releasing the flow into the existing wetland / stream. A retention pond is proposed in order to mitigate the post development peak runoff quantitatively and qualitatively.

HYDROLOGICAL SOIL GROUP:

The soil at the site is "Pits" with soil map symbols of "Pt" and Hydrological Soil Group of "C". See sheet 35 of Soil Survey of Rockland County, New York, United States Department of Agriculture Soil Conservation Service, in cooperation with Cornell University Agricultural Experiment Station dated October 1990.

The soil at the site is gravel. This unit consists of areas that have been excavated for sand and gravel. The areas are irregular in shape or rectangular and range from 5 to 100 acres. Many of the pits have short steep slopes along the edges.

The rate of permeability in this unit is rapid or very rapid. In some areas the water table is at or near the surface most of the year. A few areas are adjacent to streams and are subject to periodic flooding.

Included with this unit in mapping are small areas of undisturbed soils, mainly excessively drained Hinckley soils and well drained Riverhead soils. Spots of wetter Fredon soils are in some areas. Also included areas of spoils consisting of sandy or gravelly overburden, areas of exposed bedrock, and a few small ponds

DRAINAGE STUDY:

We have prepared the attached hydraulic/hydrological analysis for Existing Condition, Developed Condition without storage.

Existing Watersheds:

Two watersheds (WS#1 & WS#2) containing the project site are delineated on the existing drainage map. The direction of the runoff from the WS#1 is from east to west toward the wetland. The runoff from WS#2 flows almost parallel to the north property line toward the Minisceongo Creek.

The limit of the watershed is delineated and the flow path is shown on the attached "Existing Condition Map, E-1".

Developed Watershed:

The proposed improvements consist of buildings for mixed use (residential & commercials) with parking areas. Upon the implementation of the above mentioned proposed developments, only one watershed is delineated in the developed condition.

The runoffs from the above-mentioned sub-watershed generally will flow from east to west toward the existing wetland/ stream. However, the entire flows generated from the site will be channelized via a proposed drainage system and to be discharge into

a proposed pond located west of Building "A" and north of Building"1" . These flows will be stored and treated before released into the existing wetland/ stream.

The limit of the watershed is delineated and the flow path is shown on the attached "Developed Condition Map, D-1".

MITIGATION:

In order to mitigate the impact of the proposed improvements, a retention pond is proposed to comply with NYSDEC regulations and NYS Storm water Management Design Manual, dated August 2003, last revision dated April 2008.

The calculated total storage volume required to mitigate the increase of runoff is approximately 7.65 ac-ft and the total volume required for water quality is approximately 2.76 ac-ft.

The proposed pond will provide a total storage volume of 9.41 ac-ft and 1.45 ac-ft of storage is proposed to treat 50% of the total water quality volume. This pond will be designed to capture and retain the runoff during storm events from the site. This system will function as water quality and quantity system.

The controlled flow from the pond will be discharge into Minisceongo creek via a proposed swale.

The summary table of the peak runoff for different storm frequencies, summary of stormwater management data sheets, the required storage calculation, and the provided storage volume calculation are attached for your reference.

Very truly yours,

Ray Ahmadi, Ph.D., P.E., F. ASCE

P: Primary share\Hydrology TR-55\1560\Drainage Study_08-29-08 \Drainage Study.doc

MINISCEONGO PARK

N. Y. S. ROUTE 202
TOWN OF HAVERSTRAW
TOWN OF RAMAPO
ROCKLAND COUNTY
NEW YORK

SUMMARY TABLE
(SCS TR-55)

BY

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NEW CITY, NY 10956
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DATE OF REPORT: SEPTEMBER 23, 2008

SUMMARY TABLE OF THE PEAK RUNOFF AT THE P.O.I FOR DIFFERENT STORM FREQUENCIES

Storm Frequency (Year)	Existing Peak Flow (CFS)	Developed Peak Flow (CFS)	Change in Flow (CFS)	Mitigated Flow (cfs)	Remarks
1	15.04	56.95	41.91	15.04	*
2	30.46	85.89	55.43	30.46	*
5	53.06	123.41	70.35	53.06	*
10	65.34	142.37	77.03	65.34	*
25	91.35	180.44	89.09	91.35	*
50	118.58	218.44	99.86	118.58	*
100	132.35	237.56	105.21	132.35	*

* The peak runoff increased in the post development due to the proposed impervious areas such as roofs and paved areas. A proposed pond is proposed to attenuate the flow to achieve the zero net increase of runoff and the water quality requirements.

MINISCEONGO PARK

N. Y. S. ROUTE 202
TOWN OF HAVERSTRAW
TOWN OF RAMAPO
ROCKLAND COUNTY
NEW YORK

INPUT DATA
FOR
EXISTING CONDITION
AND
SITE DEVELOPED CONDITION

BY

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234 NORTH MAIN STREET
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TEL: (845) 634-4694
FAX: (845) 634-5543

DATE OF REPORT: SEPTEMBER 23, 2008

STORMWATER MANGEMENT DATA SUMMARY

Date:
09/02/08

Project:	MINISCEONGO PARK (1560)
Location:	*Town of Haverstraw* *Town of Ramapo* *Rockland County, NY*

Prepared by:	*SS*
Checked by:	*RA*

Pre-Development	√
Post-Development	

Drainage Area:	*WS#1*

1- Soil & Runoff Curve Number (CN):

Cover Description	Soil Name	Soil Group	Area (Acs)	CN (*)
Brush- Grass Combination	*Pt*	*C*	*35.46*	*70*
Gravel	*Pt*	*C*	*0.24*	*89*

2- Time Of Concentration:

Flow Type		Type Surface	Flow Length (ft)	Slope	Manning, n (*)	Tc, Hr (*)
Sheet Flow		*Grass-Range*	*82*	*0.4630*	*0.150*	*0.038*
Shallow		*Unpaved*	*406*	*0.0148*	*0.050*	*0.057*
Shallow		*Unpaved*	*1518*	*0.0066*	*0.050*	*0.322*
Channel		*Swale*	*83*	*0.0482*	*0.035*	*0.003*
Area, ft2	Wp, ft					
4.00	*6.50*					
Channel		*Swale*	*856*	*0.0010*	*0.035*	*0.072*
Area, ft2	Wp, ft					
200.0	*52.40*					

3- Summary:

Total Area, Acs	Weighted CN	Total Tc, hr
35.7	*70*	*0.492*

4- Computed Hydrological Data(*) :

Storm Frequency	Precipitation, P (in)	Runoff, Q (in)	Peak Flow, Q_p (CFS)
1 yr	*2.7*	*0.554*	*11.14*
10 yr	*5.0*	*2.036*	*48.34*
100 yr	*7.5*	*4.037*	*97.66*

(*) Using Win Tr-55

STORMWATER MANGEMENT DATA SUMMARY

Date: *09/02/08*

Project:	MINISCEONGO PARK (1560)
Location:	*Town of Haverstraw* *Town of Ramapo* *Rockland County, NY*

Prepared by:	*SS*
Checked by:	*RA*

Pre-Development	√
Post-Development	

Drainage Area:	*WS#2*

1- Soil & Runoff Curve Number (CN):

Cover Description	Soil Name	Soil Group	Area (Acs)	CN (*)
Brush- Grass Combination	*Pt*	*C*	*15.5*	*70*

2- Time Of Concentration:

Flow Type		Type Surface	Flow Length (ft)	Slope	Manning, n (*)	Tc, Hr (*)
Sheet Flow		*Grass-Range*	*100*	*0.3250*	*0.150*	*0.051*
Shallow		*Unpaved*	*233*	*0.0236*	*0.050*	*0.026*
Shallow		*Unpaved*	*1216*	*0.0016*	*0.050*	*0.523*
Channel		*Swale*	*143*	*0.0566*	*0.035*	*0.005*
Area, ft2	Wp, ft					
4.00	*6.50*					
Channel		*Swale*	*172*	*0.0010*	*0.035*	*0.015*
Area, ft2	Wp, ft					
200.0	*52.40*					

3- Summary:

Total Area, Acs	Weighted CN	Total Tc, hr
15.5	*70*	*0.62*

4- Computed Hydrological Data(*) :

Storm Frequency	Precipitation, P (in)	Runoff, Q (in)	Peak Flow, Q_p (CFS)
1 yr	*2.7*	*0.553*	*4.37*
10 yr	*5.0*	*2.035*	*18.91*
100 yr	*7.5*	*4.037*	*38.26*

(*) Using Win Tr-55

STORMWATER MANGEMENT DATA SUMMARY

Date:
09/02/08

Project:	MINISCEONGO PARK (1560)
Location:	*Town of Haverstraw* *Town of Ramapo* *Rockland County, NY*

Prepared by:	*SS*
Checked by:	*RA*

Pre-Development	
Post-Development	√

Drainage Area:	*Entire WS*

1- Soil & Runoff Curve Number (CN):

Cover Description	Soil Name	Soil Group	Area (Acs)	CN (*)
Brush- Grass Combination	*Pt*	*C*	*14.61*	*70*
Lawn	*Pt*	*C*	*11.08*	*74*
Roofs, Parking Areas, Driveways	*Pt*	*C*	*25.51*	*98*

2- Time Of Concentration:

Flow Type		Type Surface	Flow Length (ft)	Slope	Manning, n (*)	Tc, Hr (*)
Sheet Flow		*Grass-Range*	*82*	*0.4630*	*0.150*	*0.038*
Shallow		*Unpaved*	*74*	*0.0270*	*0.050*	*0.008*
Shallow		*Paved*	*1290*	*0.0100*	*0.025*	*0.176*
Channel		*Swale*	*668*	*0.0195*	*0.035*	*0.021*
Area, ft2	Wp, ft					
37.5	*21.18*					
Channel		*Swale*	*520*	*0.0010*	*0.035*	*0.044*
Area, ft2	Wp, ft					
200.0	*52.40*					

3- Summary:

Total Area, Acs	Weighted CN	Total Tc, hr
51.2	*85*	*0.287*

4- Computed Hydrological Data(*) :

Storm Frequency	Precipitation, P (in)	Runoff, Q (in)	Peak Flow, Q_p (CFS)
1 yr	*2.7*	*1.34*	*56.95*
10 yr	*5.0*	*3.368*	*142.37*
100 yr	*7.5*	*5.732*	*237.56*

(*) Using Win Tr-55

MINISCEONGO PARK

N. Y. S. ROUTE 202
TOWN OF HAVERSTRAW
TOWN OF RAMAPO
ROCKLAND COUNTY
NEW YORK

TR-55 DATA AND HYDROGRAPHS FOR EXISTING CONDITION (1, 2, 5, 10, 25, 50 & 100-YEAR STORMS)

BY

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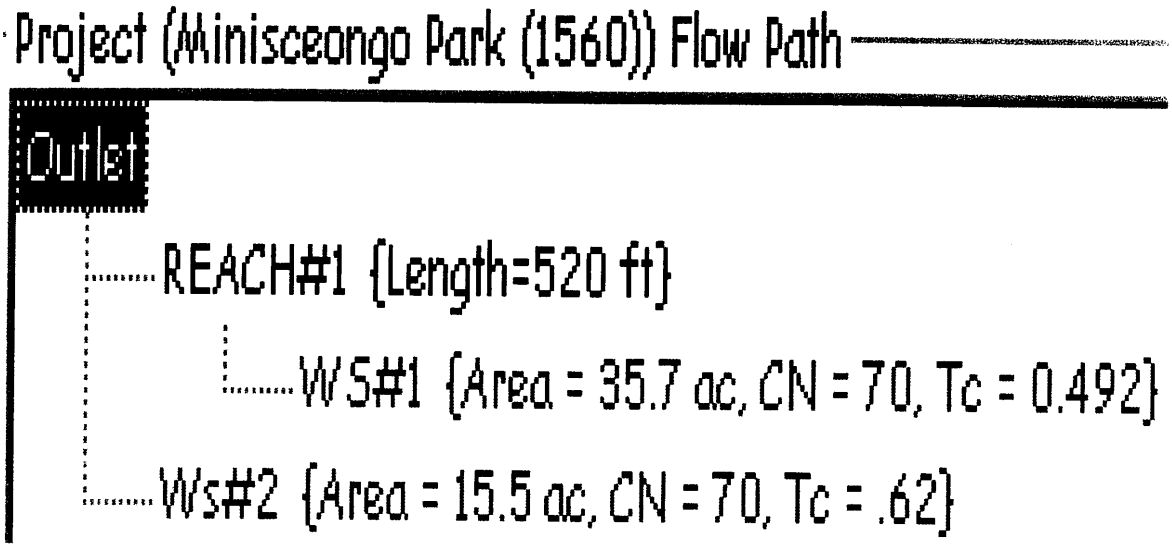
DATE OF REPORT: SEPTEMBER 23, 2008

FLOW PATH DIAGRAM "EXISTING CONDITION"



TR-55 DATA "EXISTING CONDITION"

WinTR-55 Current Data Description

--- Identification Data ---

User: ASZ P.C. Date: 9/5/2008
Project: Minisceongo Park (1560) Units: English
SubTitle: Existing Condition, 1, 2, 5, 10, 25, 50 & 100-yr Storms
Areal Units: Acres
State: New York
County: Rockland
Filename: P:\hydrology TR-55\1560\DRAINAGE STUDY_08-29-08\TR-55\EXISTING CONDITION\Existing Condition.w55

--- Sub-Area Data ---

Name	Description	Reach	Area(ac)	RCN	Tc
WS#1	Watershed #1	REACH#1	35.7	70	0.492
Ws#2	Watershed #2	Outlet	15.5	70	.62

Total area: 51.20 (ac)

--- Storm Data --

Rainfall Depth by Rainfall Return Period

2-Yr (in)	5-Yr (in)	10-Yr (in)	25-Yr (in)	50-Yr (in)	100-Yr (in)	1-Yr (in)
3.5	4.5	5.0	6.0	7.0	7.5	2.7

Storm Data Source: Rockland County, NY (NRCS)
Rainfall Distribution Type: Type III
Dimensionless Unit Hydrograph: <standard>

ASZ P.C. Minisceongo Park (1560)
Existing Condition, 1, 2, 5, 10, 25, 50 & 100-yr Storms
Rockland County, New York

Storm Data

Rainfall Depth by Rainfall Return Period

2-Yr (in)	5-Yr (in)	10-Yr (in)	25-Yr (in)	50-Yr (in)	100-Yr (in)	1-Yr (in)
3.5	4.5	5.0	6.0	7.0	7.5	2.7

Storm Data Source: Rockland County, NY (NRCS)
Rainfall Distribution Type: Type III
Dimensionless Unit Hydrograph: <standard>

ASZ P.C.

Minisceongo Park (1560)
Existing Condition, 1, 2, 5, 10, 25, 50 & 100-yr Storms
Rockland County, New York

Watershed Peak Table

Sub-Area or Reach Identifier	Peak Flow by Rainfall Return Period 2-Yr (cfs)	5-Yr (cfs)	10-Yr (cfs)	25-Yr (cfs)	50-Yr (cfs)	100-Yr (cfs)	1-Yr (cfs)
SUBAREAS							
WS#1	22.53	39.24	48.34	67.35	87.46	97.66	11.14
Ws#2	8.83	15.37	18.91	26.41	34.21	38.26	4.37
REACHES							
REACH#1	22.53	39.24	48.34	67.35	87.46	97.66	11.14
Down	21.65	37.71	46.49	65.05	84.58	94.49	10.69
OUTLET	30.46	53.06	65.34	91.35	118.58	132.35	15.04

ASZ P.C.

Minisceongo Park (1560)
Existing Condition, 1, 2, 5, 10, 25, 50 & 100-yr Storms
Rockland County, New York

Hydrograph Peak/Peak Time Table

Sub-Area or Reach Identifier	Peak Flow and Peak Time (hr) by Rainfall Return Period 2-Yr (cfs) (hr)	5-Yr (cfs) (hr)	10-Yr (cfs) (hr)	25-Yr (cfs) (hr)	50-Yr (cfs) (hr)	100-Yr (cfs) (hr)	1-Yr (cfs) (hr)
SUBAREAS							
WS#1	22.53	39.24	48.34	67.35	87.46	97.66	11.14
	12.39	12.36	12.36	12.37	12.34	12.36	12.42
Ws#2	8.83	15.37	18.91	26.41	34.21	38.26	4.37
	12.50	12.46	12.44	12.45	12.46	12.44	12.51
REACHES							
REACH#1	22.53	39.24	48.34	67.35	87.46	97.66	11.14
	12.39	12.36	12.36	12.37	12.34	12.36	12.42
Down	21.65	37.71	46.49	65.05	84.58	94.49	10.69
	12.48	12.45	12.42	12.40	12.41	12.39	12.54
OUTLET	30.46	53.06	65.34	91.35	118.58	132.35	15.04

ASZ P.C.

Minisceongo Park (1560)
Existing Condition, 1, 2, 5, 10, 25, 50 & 100-yr Storms
Rockland County, New York

Sub-Area Summary Table

Sub-Area Identifier	Drainage Area (ac)	Time of Concentration (hr)	Curve Number	Receiving Reach	Sub-Area Description
WS#1	35.70	0.492	70	REACH#1	Watershed #1
Ws#2	15.50	0.620	70	Outlet	Watershed #2

Total Area: 51.20 (ac)

ASZ P.C.

Minisceongo Park (1560)
Existing Condition, 1, 2, 5, 10, 25, 50 & 100-yr Storms
Rockland County, New York

Reach Summary Table

Reach Identifier	Receiving Reach Identifier	Reach Length (ft)	Routing Method
REACH#1	Outlet	520	CHANNEL

ASZ P.C.

Minisceongo Park (1560)
Existing Condition, 1, 2, 5, 10, 25, 50 & 100-yr Storms
Rockland County, New York

Sub-Area Time of Concentration Details

Sub-Area Identifier/	Flow Length (ft)	Slope (ft/ft)	Mannings's n	End Area (sq ft)	Wetted Perimeter (ft)	Velocity (ft/sec)	Travel Time (hr)
WS#1							
SHEET	82	0.4630	0.150				0.038
SHALLOW	406	0.0148	0.050				0.057
SHALLOW	1518	0.0066	0.050				0.322
CHANNEL	83	0.0482	0.035	4.00	6.50	7.685	0.003
CHANNEL	856	0.0010	0.035	200.00	52.40	3.302	0.072
					Time of Concentration		0.492
Ws#2							
SHEET	100	0.3250	0.150				0.051
SHALLOW	233	0.0236	0.050				0.026
SHALLOW	1216	0.0016	0.050				0.523
CHANNEL	143	0.0566	0.035	4.00	6.50	7.944	0.005
CHANNEL	172	0.0010	0.035	200.00	52.40	3.185	0.015
					Time of Concentration		.62

ASZ P.C.

Minisceongo Park (1560)
Existing Condition, 1, 2, 5, 10, 25, 50 & 100-yr Storms
Rockland County, New York

Sub-Area Land Use and Curve Number Details

Sub-Area Identifier	Land Use		Hydrologic Soil Group	Sub-Area Area (ac)	Curve Number
WS#1	Gravel (w/ right-of-way)		C	.24	89
	Brush - brush, weed, grass mix	(fair)	C	35.46	70
	Total Area / Weighted Curve Number			35.7	70
Ws#2	Brush - brush, weed, grass mix	(fair)	C	15.5	70
	Total Area / Weighted Curve Number			15.5	70

ASZ P.C.

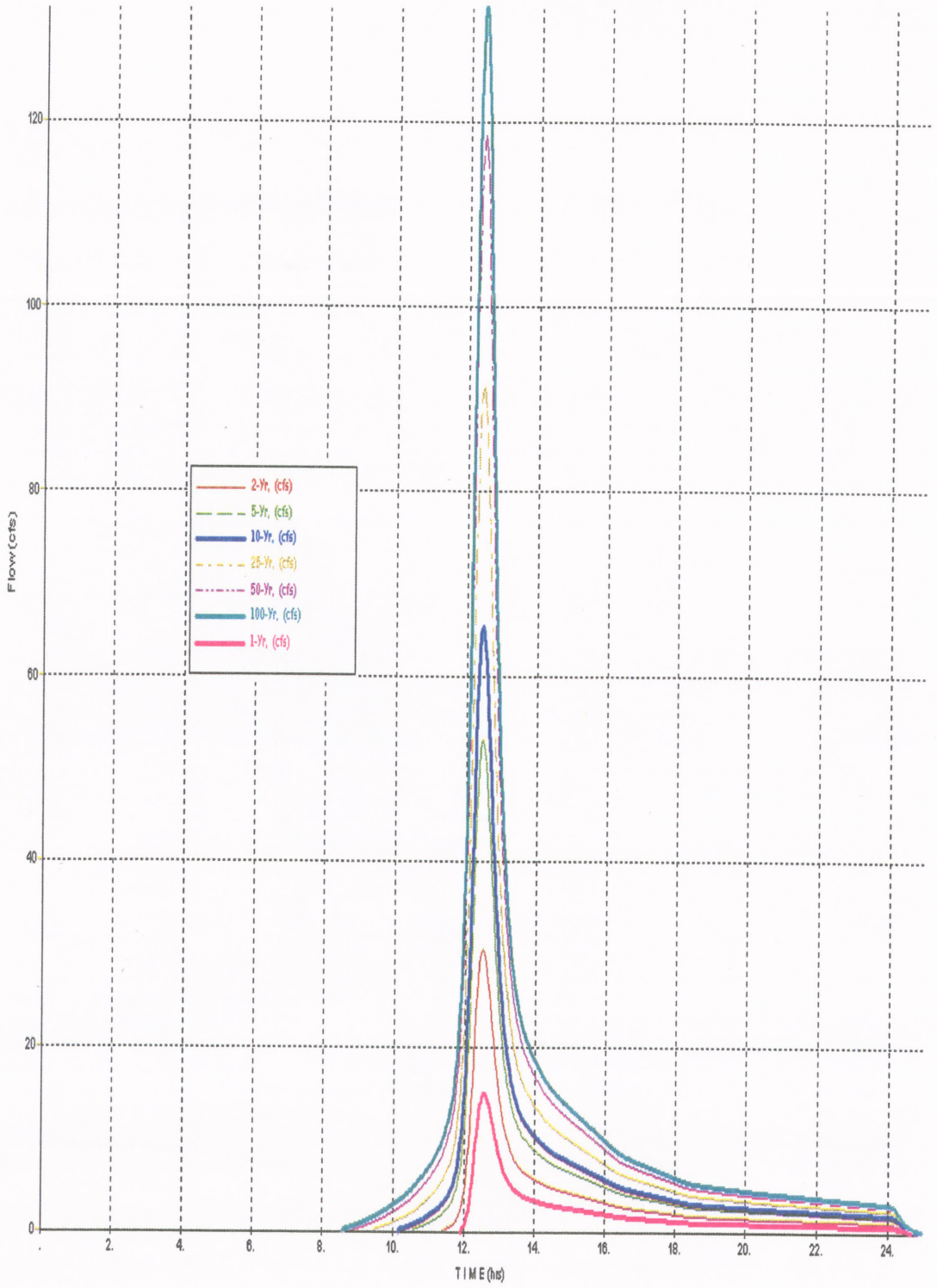
Minisceongo Park (1560)
Existing Condition, 1, 2, 5, 10, 25, 50 & 100-yr Storms
Rockland County, New York

Reach Channel Rating Details

Reach Identifier	Reach Length (ft)	Reach Manning's n	Friction Slope (ft/ft)	Bottom Width (ft)	Side Slope
REACH#1	520	0.035	0.001	30	2 :1

Reach Identifier	Stage (ft)	Flow (cfs)	End Area (sq ft)	Top Width (ft)	Friction Slope (ft/ft)
REACH#1	0.0	0.000	0	30	0.001
	0.5	12.772	15.5	32	
	1.0	40.884	32	34	
	2.0	132.384	68	38	
	5.0	656.141	200	50	
	10.0	2383.806	500	70	
	20.0	9698.942	1400	110	

Project: Minisceongo Park (1560)
Subarea: (Outlet) Storms: 2-Yr, 5-Yr, 10-Yr, 25-Yr, 50-Yr, 100-Yr, 1-Yr
P:\hydrology TR-55\1560\DRAINAGE STUDY_08-29-08\TR-55\EXISTING CONDITION\Existing Condition.w55



MINISCEONGO PARK

N. Y. S. ROUTE 202
TOWN OF HAVERSTRAW
TOWN OF RAMAPO
ROCKLAND COUNTY
NEW YORK

TR-55 DATA AND HYDROGRAPHS FOR DEVELOPED CONDITION (1, 2, 5, 10, 25, 50 & 100-YEAR STORMS)

BY

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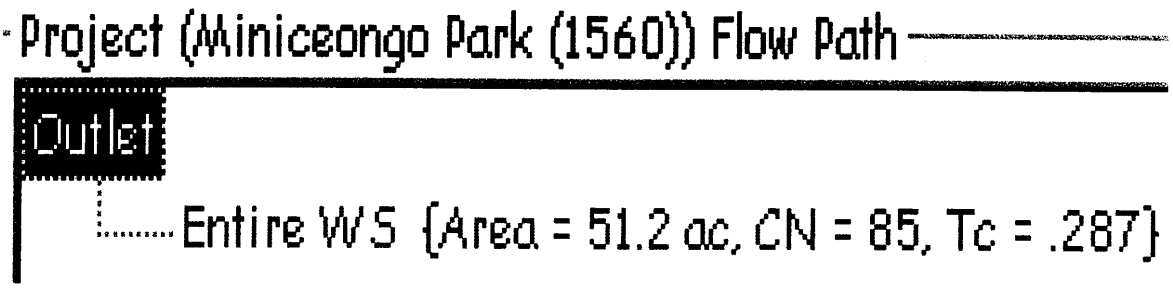
TEL: (845) 634-4694
FAX: (845) 634-5543

DATE OF REPORT: SEPTEMBER 23, 2008

FLOW PATH DIAGRAM
"DEVELOPED CONDITION WITHOUT STORAGE"



TR-55 DATA "DEVELOPED CONDITION WITHOUT STORAGE"

WinTR-55 Current Data Description

--- Identification Data ---

User: ASZ P.C. Date: 9/5/2008
Project: Miniceongo Park (1560) Units: English
SubTitle: Developed Condition, 1, 2, 5, 10, 25, 50 & 100-yr Storms
Areal Units: Acres
State: New York
County: Rockland
Filename: P:\hydrology TR-55\1560\DRAINAGE STUDY_08-29-08\TR-55\DEVELOPED CONDITION\Developed Condition.w55

--- Sub-Area Data ---

Name	Description	Reach	Area(ac)	RCN	Tc
Entire WS	Bldgs, Pkgs, Lawn,& Brush	Outlet	51.2	85	.287

Total area: 51.20 (ac)

--- Storm Data --

Rainfall Depth by Rainfall Return Period

2-Yr (in)	5-Yr (in)	10-Yr (in)	25-Yr (in)	50-Yr (in)	100-Yr (in)	1-Yr (in)
3.5	4.5	5.0	6.0	7.0	7.5	2.7

Storm Data Source: Rockland County, NY (NRCS)
Rainfall Distribution Type: Type III
Dimensionless Unit Hydrograph: <standard>

ASZ P.C. Miniceongo Park (1560)
Developed Condition, 1, 2, 5, 10, 25, 50 & 100-yr Storms
Rockland County, New York

Storm Data

Rainfall Depth by Rainfall Return Period

2-Yr (in)	5-Yr (in)	10-Yr (in)	25-Yr (in)	50-Yr (in)	100-Yr (in)	1-Yr (in)
3.5	4.5	5.0	6.0	7.0	7.5	2.7

Storm Data Source: Rockland County, NY (NRCS)
Rainfall Distribution Type: Type III
Dimensionless Unit Hydrograph: <standard>

ASZ P.C.

Miniceongo Park (1560)
Developed Condition, 1, 2, 5, 10, 25, 50 & 100-yr Storms
Rockland County, New York

Watershed Peak Table

Sub-Area or Reach Identifier	Peak Flow by Rainfall Return Period 2-Yr (cfs)	5-Yr (cfs)	10-Yr (cfs)	25-Yr (cfs)	50-Yr (cfs)	100-Yr (cfs)	1-Yr (cfs)
SUBAREAS							
Entire WS	85.89	123.41	142.37	180.44	218.29	237.56	56.95
REACHES							
OUTLET	85.89	123.41	142.37	180.44	218.29	237.56	56.95

ASZ P.C.

Miniceongo Park (1560)
Developed Condition, 1, 2, 5, 10, 25, 50 & 100-yr Storms
Rockland County, New York

Hydrograph Peak/Peak Time Table

Sub-Area or Reach Identifier	Peak Flow and Peak Time (hr) by Rainfall Return Period 2-Yr (cfs) (hr)	5-Yr (cfs) (hr)	10-Yr (cfs) (hr)	25-Yr (cfs) (hr)	50-Yr (cfs) (hr)	100-Yr (cfs) (hr)	1-Yr (cfs) (hr)
SUBAREAS							
Entire WS	85.89 12.20	123.41 12.20	142.37 12.20	180.44 12.19	218.29 12.20	237.56 12.19	56.95 12.21
REACHES							
OUTLET	85.89	123.41	142.37	180.44	218.29	237.56	56.95

ASZ P.C.

Miniceongo Park (1560)
Developed Condition, 1, 2, 5, 10, 25, 50 & 100-yr Storms
Rockland County, New York

Sub-Area Summary Table

Sub-Area Identifier	Drainage Area (ac)	Time of Concentration (hr)	Curve Number	Receiving Reach	Sub-Area Description
Entire WS	51.20	0.287	85	Outlet	Bldgs, Pkgs, Lawn,& Brush

Total Area: 51.20 (ac)

ASZ P.C.

Miniceongo Park (1560)
Developed Condition, 1, 2, 5, 10, 25, 50 & 100-yr Storms
Rockland County, New York

Sub-Area Time of Concentration Details

Sub-Area Identifier/	Flow Length (ft)	Slope (ft/ft)	Mannings's n	End Area (sq ft)	Wetted Perimeter (ft)	Velocity (ft/sec)	Travel Time (hr)
Entire WS							
SHEET	82	0.4630	0.150				0.038
SHALLOW	74	0.0270	0.050				0.008
SHALLOW	1290	0.0100	0.025				0.176
CHANNEL	668	0.0195	0.035	37.50	21.18	8.836	0.021
CHANNEL	520	0.0010	0.035	200.00	52.40	3.283	0.044
						Time of Concentration	.287

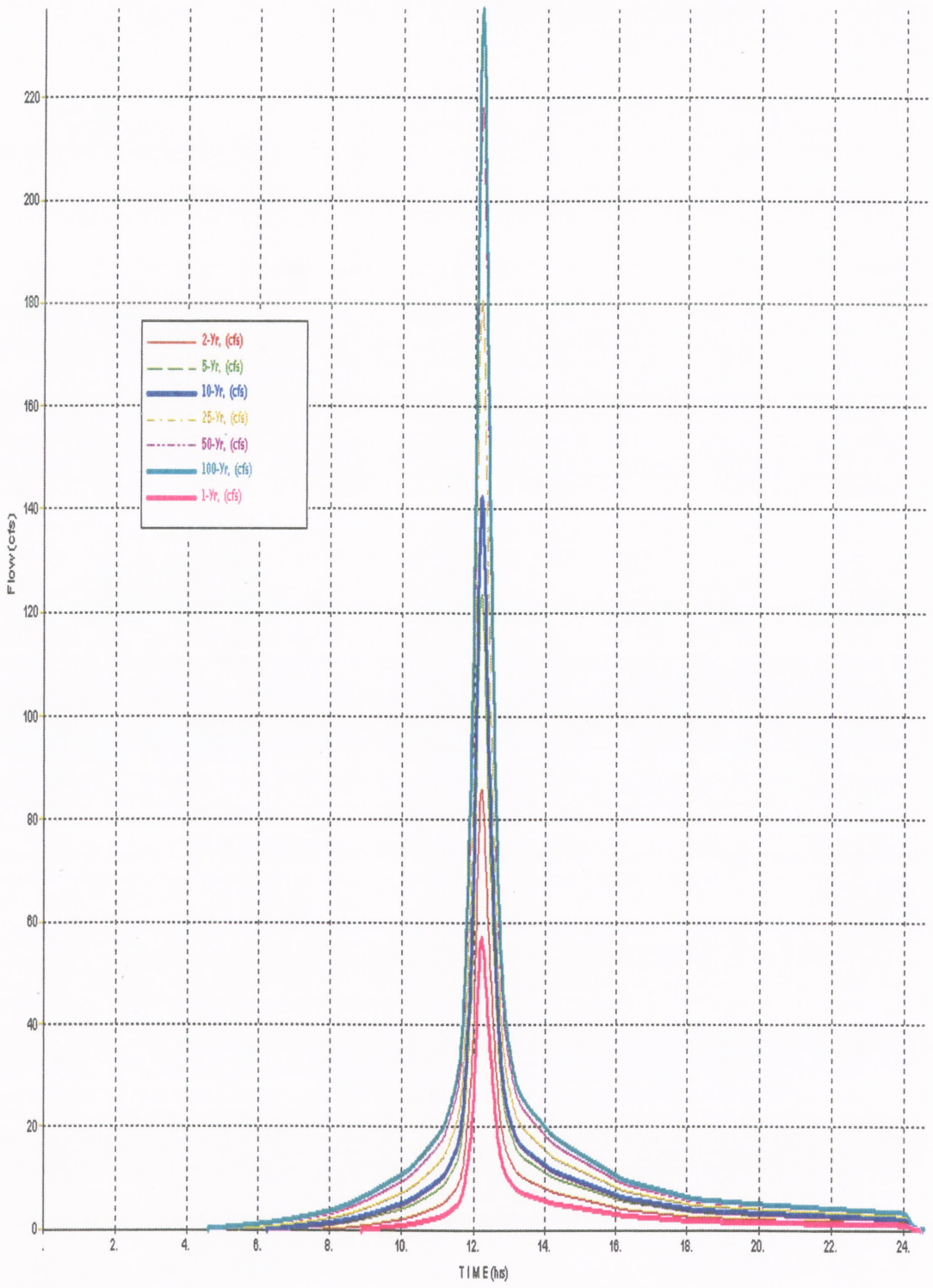
ASZ P.C.

Miniceongo Park (1560)
Developed Condition, 1, 2, 5, 10, 25, 50 & 100-yr Storms
Rockland County, New York

Sub-Area Land Use and Curve Number Details

Sub-Area Identifier	Land Use		Hydrologic Soil Group	Sub-Area Area (ac)	Curve Number
Entire WS	Open space; grass cover > 75%	(good)	C	11.08	74
	Paved parking lots, roofs, driveways		C	25.51	98
	Brush - brush, weed, grass mix	(fair)	C	14.61	70
	Total Area / Weighted Curve Number			51.2	85

Project: Miniceongo Park (1560)
Subarea: (Outlet) Storms: 2-Yr, 5-Yr, 10-Yr, 25-Yr, 50-Yr, 100-Yr, 1-Yr
P:\hydrology TR-55\1560\DRAINAGE STUDY_08-29-08\TR-55\DEVELOPED CONDITION\Developed Condition.w55



MINISCEONGO PARK

N. Y. S. ROUTE 202
TOWN OF HAVERSTRAW
TOWN OF RAMAPO
ROCKLAND COUNTY
NEW YORK

REQUIRED STORAGE CALCULATION

BY

ATZL, SCATASSA & ZIGLER P.C.
ENGINEERS-SURVEYORS-PLANNERS
234 NORTH MAIN STREET
NEW CITY, NY 10956
TEL: (845) 634-4694
FAX: (845) 634-5543

DATE OF REPORT: SEPTEMBER 23, 2008

ATZL, SCATASSA & ZIGLER P.C.
ENGINEERS-SURVEYORS-PLANNERS
234 North Main Street
New City, NY 1956
Tel: (845) 634-4694
Fax: (845) 634-5543

JOB: MINISCEONGO PARK (1560)
CALCULATED BY: SS DATE: 08/27/08
CHECKED BY: RA DATE: 08/27/08
SHEET NO:
SCALE:

REQUIRED STORAGE CALCULATION

RAIN FALL			
Frequency	1-yr	10-yr	100-yr
Amount, in/24Hr (P)_Rockland County	2.7	5	7.5

The Area of the Watershed under study:	51.2

WS	1-year	10-year	100-year
Existing Peak Flow, Qo (CFS)	15.04	65.34	132.35
Developed Peak Flow, Q_i (CFS)	56.95	142.37	237.56
Q_o/Q_i	0.26	0.46	0.56
Runoff, in	1.34	3.37	5.73
Vs/Vr	0.40	0.29	0.26
Required Volume,Vs (CF)	100844	184297	273061
Required Volume,Vs (Ac-ft)	2.32	4.23	6.27

WATER QUALITY VOLUME, WQ_v

TOTAL AREA, ACS	51.2
IMPERVIOUS AREA, ACS	25.51
IMPERVIOUS COVER, I %	49.82

RUNOFF COEFFICIENT, Rv

Rv =0.05+ (0.009*I %) =	0.50

Using the 90% capture rule with 1.3" of rainfall_Rockland County

WQv, ACS =(1.2 or 1.3) * Rv * A /12 =	2.76

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JOB: MINISCEONGO PARK (1560)
CALCULATED BY: SS DATE: 08/27/08
CHECKED BY: RA DATE: 08/27/08
SHEET NO:
SCALE:

STREAM CHANNEL PROTECTION VOLUME, Cpv (1-year)

The Runoff Curve Number (CN)	85
The Initial Abstraction for CN (I_a)	0.35
Rain Fall for one-year storm event (P), in	2.70
The Ratio, Ia/p	0.13
Time of Concentration (Tc), Hr	0.287
Unit Peak Discharge (q_u), csm/in	490
Ratio of outflow to Inflow (q_o/q_i)	0.035
Storage Volume and Runoff Volume Ratio (V_s/V_r)	0.636
Runoff, in	1.34

Cpv = Vs (AC-FT) =	3.63

Average Released Rate, CFS =	1.83

OVERBANK FLOOD PROTECTION VOLUME, Qp-10 (10-year)

Vs (AC-FT) =	4.23

EXTREME FLOOD PROTECTION VOLUME, Qf (100-year)

Vs (AC-FT) =	6.27

SUMMARY OF REQUIRED STORAGE

Category	Symbol	Volume, AC-FT	Remark
Water quality	WQv	2.76	
Stream Protection	Cpv	3.63	Average Released rate=1.83 CFS
Overbank Flood Protection	Qp-10	4.23	Storage for 10-yr
Extreme Flood Protection	Qf	6.27	Storage for 100-yr

MINISCEONGO PARK

N. Y. S. ROUTE 202
TOWN OF HAVERSTRAW
TOWN OF RAMAPO
ROCKLAND COUNTY
NEW YORK

PROVIDED STORAGE CALCULATION (PROPOSED RETENTION POND)

BY

ATZL, SCATASSA & ZIGLER P.C.
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NEW CITY, NY 10956
TEL: (845) 634-4694
FAX: (845) 634-5543

DATE OF REPORT: SEPTEMBER 23, 2008

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New City, NY 1956
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Fax: (845) 634-5543

JOB: MINISCEONGO PARK (1560)
CALCULATED BY: SS DATE: 09/15/08
CHECKED BY: RA DATE: 09/23/08
SHEET NO:
SCALE:

PROVIDED STORAGE VOLUME

Tables and Charts show elevations and storages obtained from the proposed retention pond.

FOR NORTH POND

Elevation	Area, SF	Average Area, SF	Depth, Ft	Average Volume, CF	Total Volume, CF	Total Volume, AC-FT
399.8	30290				0	0
		30665	0.2	6133		
400	31040				6133	0.14
		33972.5	2	67945		
402	36905				74078	1.70
		39405.5	2	78811		
404	41906				152889	3.51
		44170.5	2	88341		
406	46435				241230	5.54
		48596	2	97192		
408	50757				338422	7.77

Total Storage	
Elevation (MSL)	**Total Storage (AC-FT)**
394.80	0.00
399.80	1.28
400.00	1.42
402.00	2.98
404.00	4.79
406.00	6.82
408.00	9.05

Storage Above 46% of Total WQv	
Elevation (MSL)	**Storage (AC-FT)**
399.80	0.00
400.00	0.14
402.00	1.70
404.00	3.51
406.00	5.54
408.00	7.77

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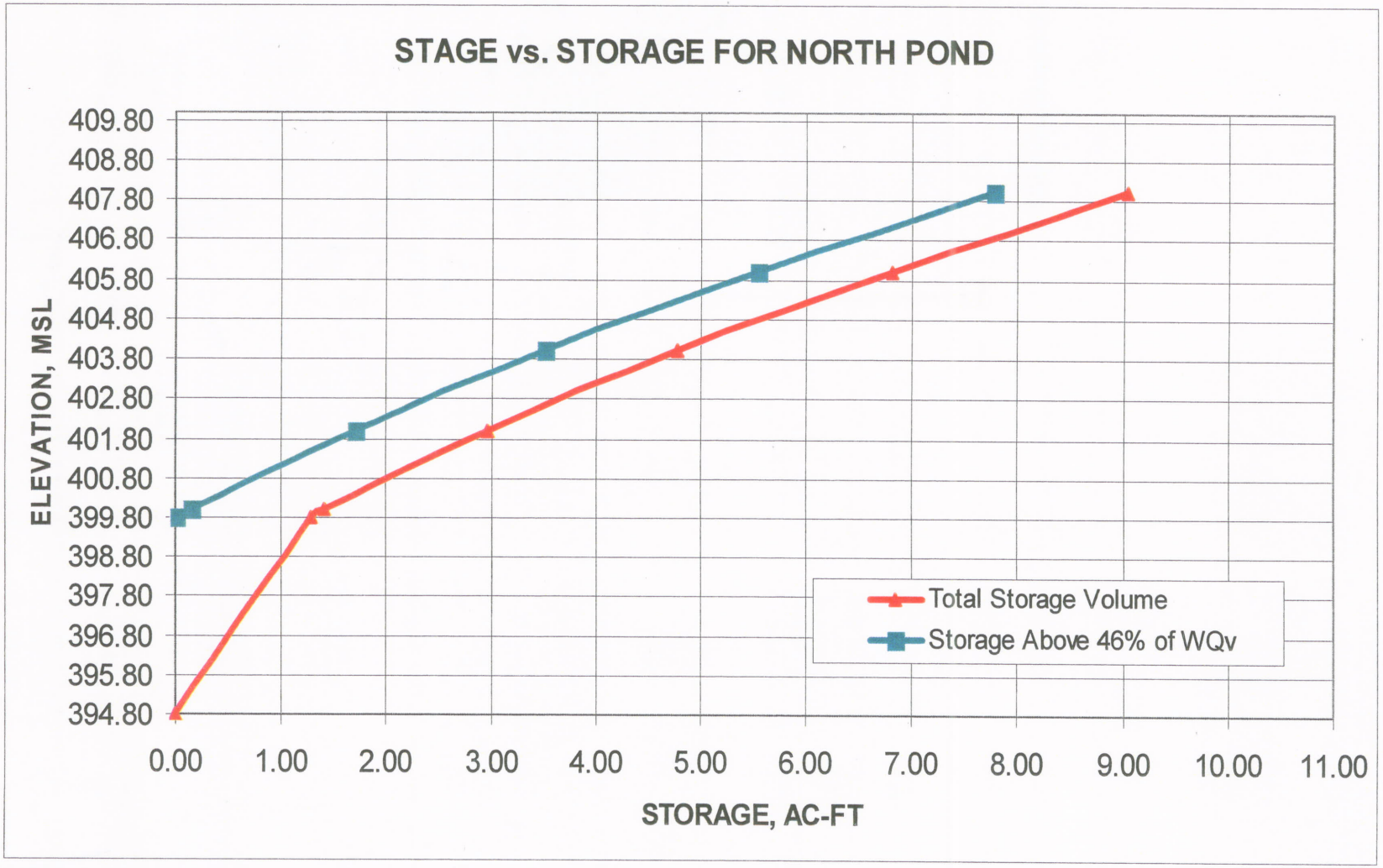
JOB: MINISCEONGO PARK (1560)
CALCULATED BY: SS DATE: 09/15/08
CHECKED BY: RA DATE: 09/23/08
SHEET NO:
SCALE:



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JOB: MINISCEONGO PARK (1560)
CALCULATED BY: SS DATE: 09/15/08
CHECKED BY: RA DATE: 09/23/08
SHEET NO:
SCALE:

FOR SOUTH POND

Elevation	Area, SF	Average Area, SF	Depth, Ft	Average Volume, CF	Total Volume, CF	Total Volume, AC-FT
401.8	8017				0	0.00
		8186	0.2	1637.2		
402	8355				1637.2	0.04
		9350.5	2	18701		
404	10346				20338.2	0.47
		11511	2	23022		
406	12676				43360.2	1.00
		13966	2	27932		
408	15256				71292.2	1.64

Total Storage	
Elevation (MSL)	**Total Storage (AC-FT)**
397.80	0.00
401.80	0.17
402.00	0.21
404.00	0.64
406.00	1.17
408.00	1.81

Storage Above 6% of Total WQv	
Elevation (MSL)	**Storage (AC-FT)**
401.80	0.00
402.00	0.04
404.00	0.47
406.00	1.00
408.00	1.64

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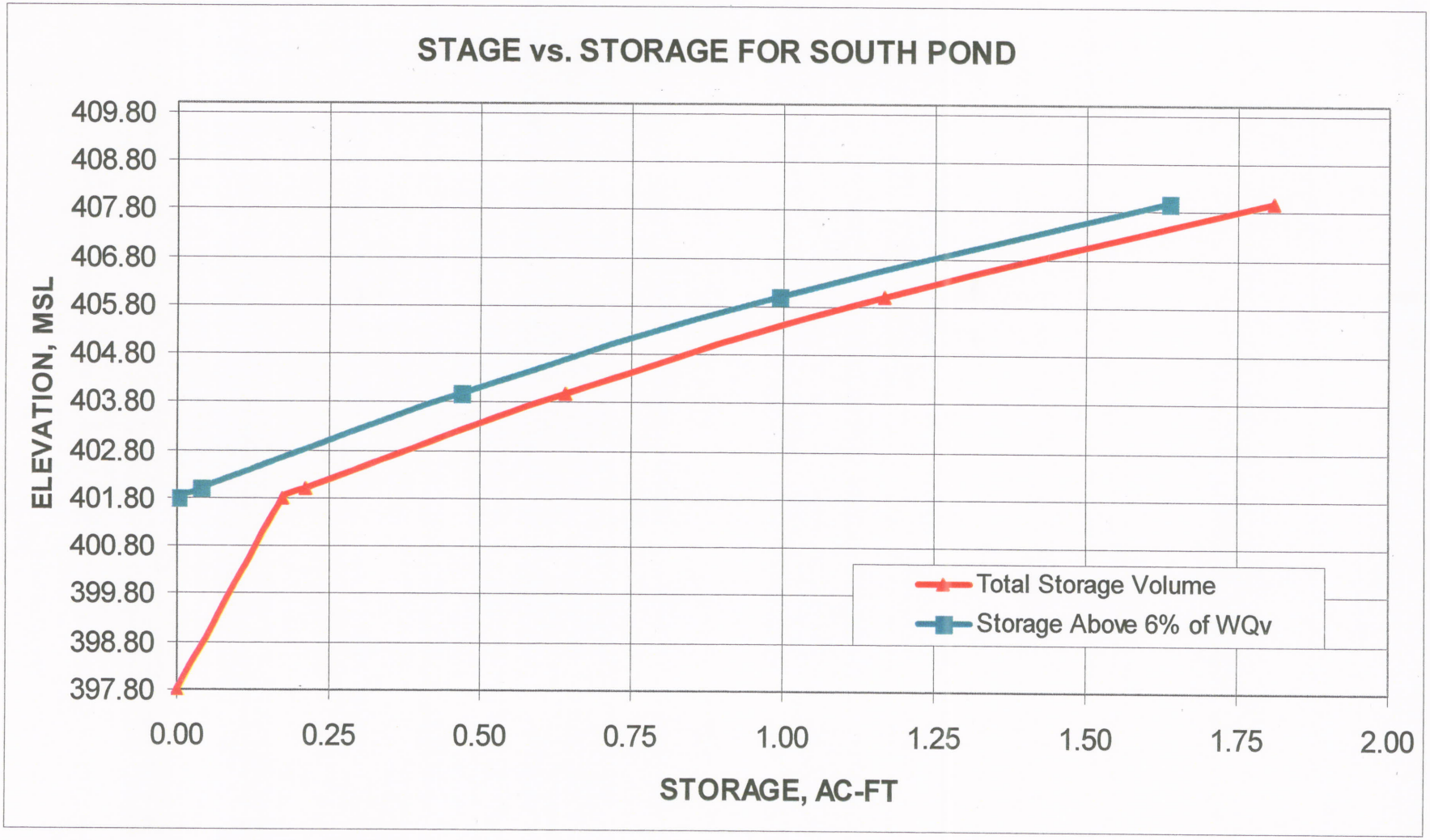
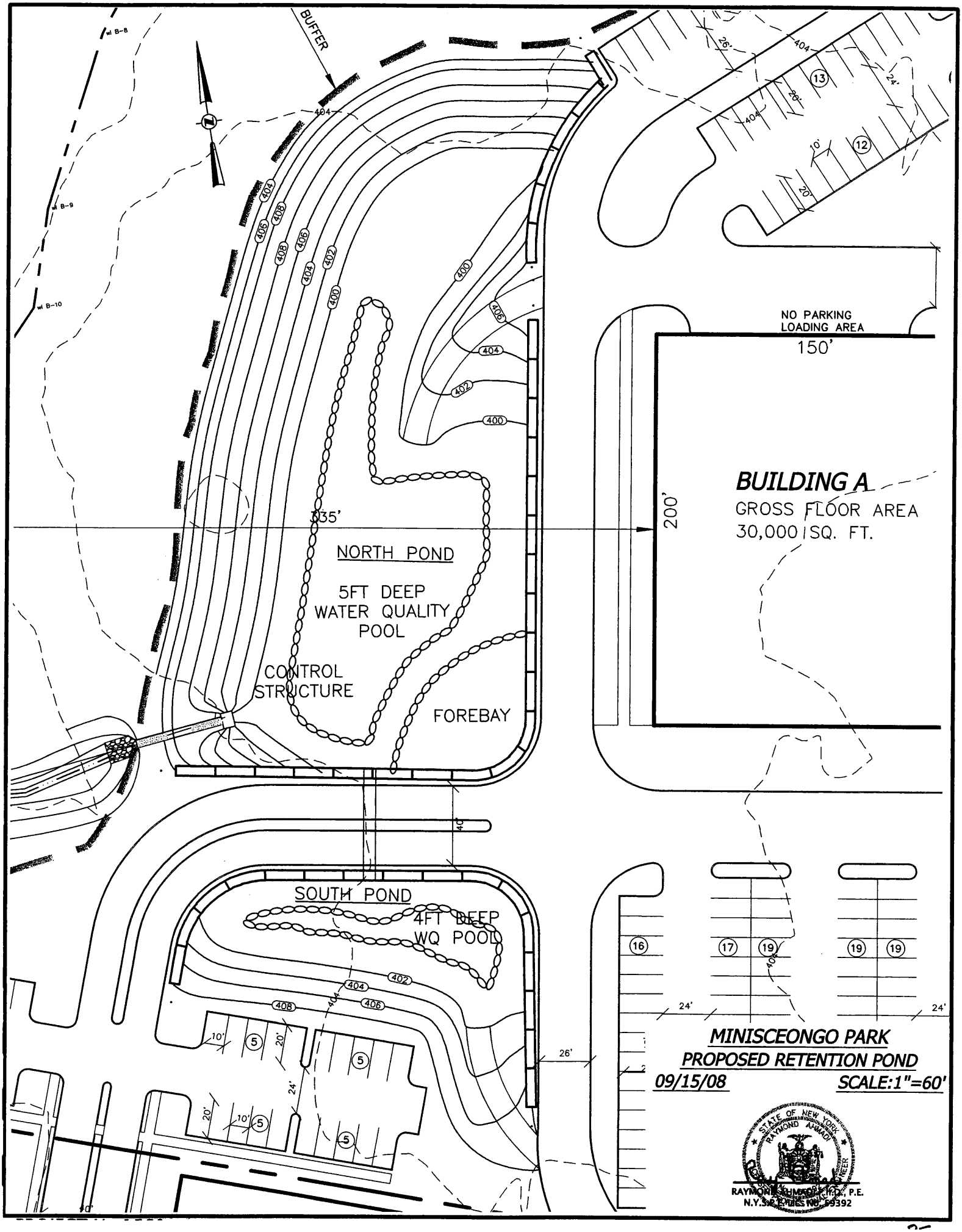
JOB: MINISCEONGO PARK (1560)
CALCULATED BY: SS DATE: 09/15/08
CHECKED BY: RA DATE: 09/23/08
SHEET NO:
SCALE:




BUFFER
WI B-8
WI B-9
WI B-10
NO PARKING
LOADING AREA
150'
BUILDING A
GROSS FLOOR AREA
30,000 SQ. FT.
200'
335'
NORTH POND
5FT DEEP
WATER QUALITY
POOL
CONTROL
STRUCTURE
FOREBAY
SOUTH POND
4FT DEEP
WQ POOL
40'
26'
24'
20'
10'
MINISCEONGO PARK
PROPOSED RETENTION POND
09/15/08
SCALE:1"=60'
STATE OF NEW YORK
RAYMOND AHMADI
RAYMOND AHMADI, P.E.
N.Y.S. LICENSE NO. 69392

MINISCEONGO PARK

N. Y. S. ROUTE 202
TOWN OF HAVERSTRAW
TOWN OF RAMAPO
ROCKLAND COUNTY
NEW YORK

PROPOSED SWALE

BY

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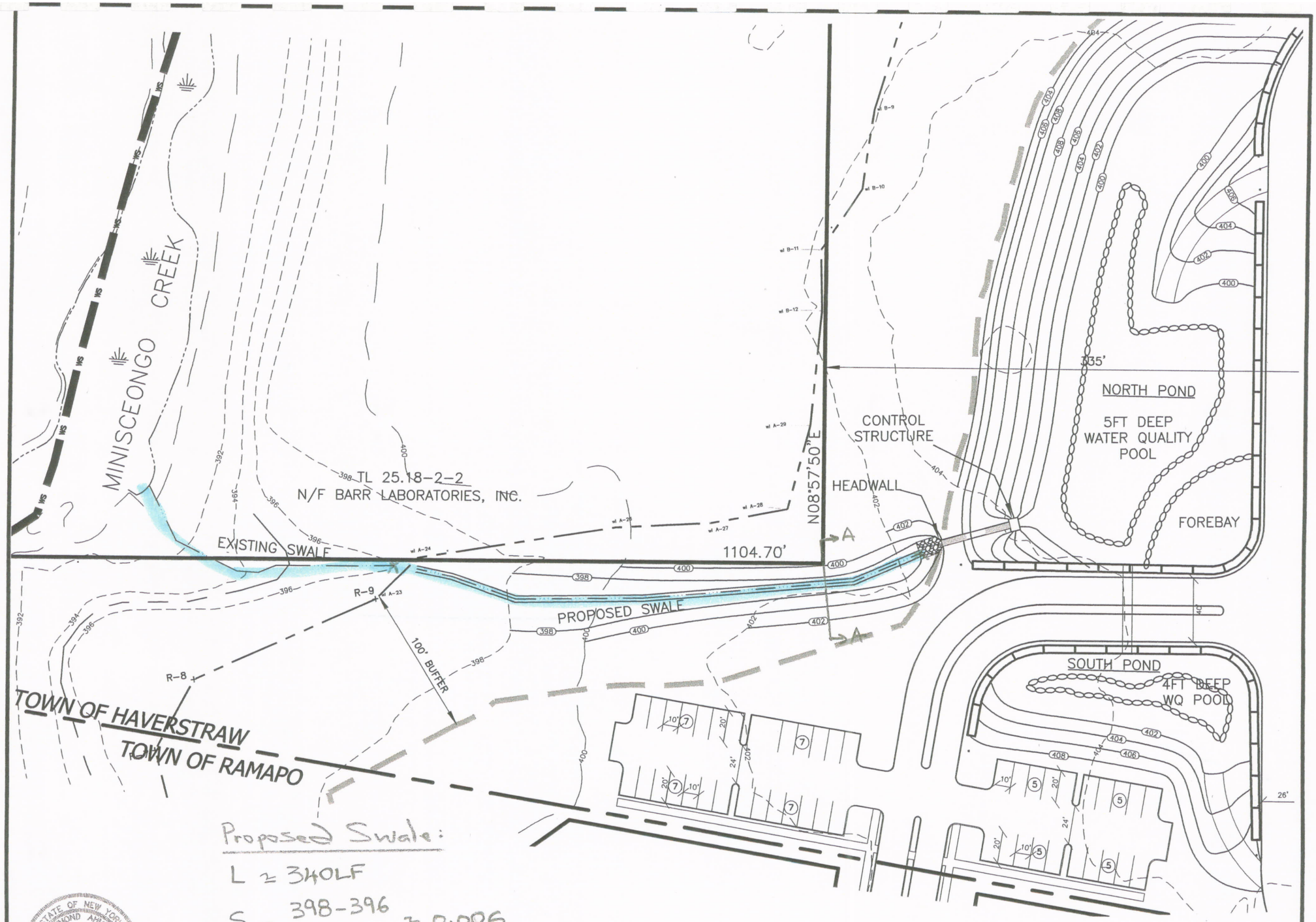
DATE OF REPORT: SEPTEMBER 23, 2008



Proposed Swale:

$L \approx 340LF$

$S = \frac{398-396}{340} \approx 0.006$

STATE OF NEW YORK
RAYMOND AHMADI
ENGINEER

RAYMOND AHMADI P.H.D., P.E.
N.Y.S.P.E. LIC. NO. 59392

MINISCEONGO PARK
DISCHARGE OUTLET & PROPOSED SWALE
09/23/08 SCALE:1"=80'

Natural Resources Conservation Service
United States Department of Agriculture

Trapezoidal Channel Section

Participant: MINISCEONGO PARK (1560)

Location:

County: County,

Designer:
Date: 09/23/2008

Checker: _____
Date: _____

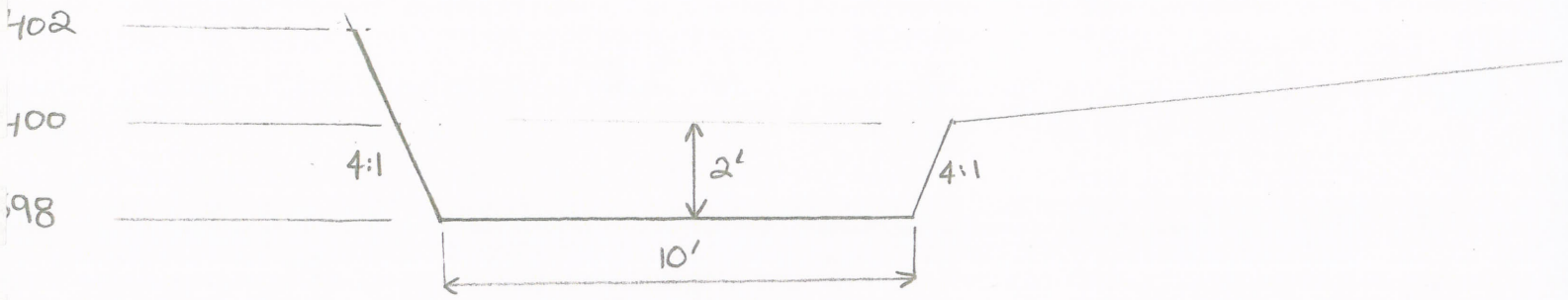
Hydraulics Formula, Version 2.2.1

SWALE CROSS SECTION

Slope: 0.006 ft/ft
'n' value: 0.035

Hydraulic Radius: 1.36
Area: 36.00 sq ft
Velocity: 4.03 ft/sec
Capacity: 145.24 cfs

Sideslope: 4:1
Bottom Width: 10 ft
Depth of Flow: 2 ft.
Width @ surface 26 ft



Section A-A

Scale: 1"= 40'

Velocity

Maximum permissible velocities of flow in vegetated channels absent of permanent turf reinforcement matting shall not exceed the values shown in the following table:

Table L.1 Permissible Velocities for Channels Lined with Vegetation

Channel Slope	Lining	Permissible Velocity[1] (ft/sec)
0-5%	Reed canarygrass Tall fescue Kentucky bluegrass	5
	Grass-legume mixture	4
	Red fescue Redtop Serices lespedeza Annual lespedeza Small grains	2.5
5-10%	Reed canarygrass Tall fescue Kentucky bluegrass	4
	Grass-legume mixture	3
Greater than 10%	Reed canarygrass Tall fescue Kentucky bluegrass	3

Source: Soil and Water Conservation Engineering, Schwab, *et al.*

For vegetated earth channels having permanent turf reinforcement matting, the permissible flow velocity shall not exceed 8 ft/sec. Turf reinforcement matting shall be a machine produced mat of nondegradable fibers or elements having a uniform thickness and distribution of weave throughout. Matting shall be installed per manufacturer's recommendations with appropriate fasteners as required. Examples of acceptable products include but are not limited to:

- North American Green "C350" or "P300"
- Greenstreak "PEC-MAT"
- Tensar "Erosion Mat"

1 For highly erodible soils, permissible velocities should be decreased 25%. An erodibility factor (K) greater than 0.35 would indicate a highly erodible soil. Erodibility factors (K-factors) can be obtained from local NRCS offices.

MINISCEONGO PARK

N. Y. S. ROUTE 202
TOWN OF HAVERSTRAW
TOWN OF RAMAPO
ROCKLAND COUNTY
NEW YORK

DRAINAGE MAPS

BY

ATZL, SCATASSA & ZIGLER P.C.
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234 NORTH MAIN STREET
NEW CITY, NY 10956
TEL: (845) 634-4694
FAX: (845) 634-5543

DATE OF REPORT: SEPTEMBER 23, 2008

TOWN OF HAVERSTRAW
BULK REQUIREMENTS

ZONE C USE GROUP R	REQUIRED	PROVIDED
MINIMUM LOT AREA	10,000 SF.	26.3084 ACS.
MINIMUM LOT WIDTH	100 FT.	CORNER LOT
MINIMUM FRONT YARD DEPTH	25 FT.	330' TO BLDG. "B"
MINIMUM SIDE YARD DEPTH	10 TO 25 FT.	335' TO BLDG. "A"
MINIMUM TOTAL SIDE YARD WIDTH	25 TO 35 FT.	CORNER LOT
MINIMUM REAR YARD DEPTH	25 FT.	80' TO BLDG. "B"
MINIMUM STREET FRONTAGE	100 FT.	700' ALONG QUAKER RD.
MAXIMUM BUILDING HEIGHT	35 FT. OR 2½ STORIES	34 FT.

TOWN OF HAVERSTRAW
BUILDING AREA

PARKING TABLE FOR HAVERSTRAW:

BUILDING NO.	GROSS FLOOR AREA	"IN USE" FLOOR AREA *	COVENANT PROPOSED PARKING 4.67 SPACES PER 1,000 SQ. FT. *	REQUIRED PARKING SPACES
BUILDING – A	30,000 SQ. FT.	24,000 SQ. FT.	4.67 SPACES PER 1,000 SQ. FT.	112 SPACES
BUILDING – B	187,500 SQ. FT.	150,000 SQ. FT.	4.67 SPACES PER 1,000 SQ. FT.	700 SPACES

TOTAL PARKING SPACES REQUIRED = 812 SPACES
TOTAL PARKING SPACES PROVIDED =
AT 10 FT. WIDE 834 SPACES
AT 9 FT. WIDE 910± SPACES

RESIDENTIAL DEVELOPMENT 219 UNITS

TOTAL No. PARKING SPACES PROPOSED: 380 SP./1.73 SP.

IN-BUILDING GARAGES	85 SPACES	PER D.U.
DEDICATED DRIVEWAY PARKING	85 SPACES	
SURFACE PARKING	210 SPACES	

TOWN OF RAMAPO
BULK REQUIREMENTS

ZONE MU-2 USE GROUP N	REQUIRED	PROVIDED
MINIMUM LOT AREA	10 ACRES	26.1775 ACS.
MINIMUM LOT WIDTH	600 FT.	700.0 FT.
MINIMUM FRONT SETBACK	100 FT.	
MINIMUM FRONT YARD	20 FT.	
MINIMUM SIDE SETBACK	50 FT.	
MINIMUM TOTAL SIDE SETBACK	100 FT.	
MINIMUM SIDE YARD	20 FT.	
MINIMUM REAR SETBACK	50 FT.	
MINIMUM REAR YARD	10 FT.	
MINIMUM STREET FRONTAGE	600 FT.	
MAXIMUM BUILDING HEIGHT	45 FT. OR 4 STORYS	40 FT. OR 3 STORYS
MAXIMUM DEVELOPMENT COVERAGE	65%	64%

LOT AREA	26.1775 ACS.
LANDS UNDERWATER	(0)
WETLANDS 10.14 ACS. (50% CREDIT) =	(5.07) ACS.
ZONING AREA	21.1075 ACS.
TOTAL UNITS	160 TO 253

REVISION	DATE	DESCRIPTION
No.1	9/13/08	ELIMINATE 1 COMMERCIAL PAD, RESIDENTIAL LAYOUT

Roy Ahmadi, PhD., P.E.
Andrew S. Atzl, P.L.S.
John R. Atzl, P.L.S.
David M. Zigler, P.L.S.

ATZL, SCATASSA & ZIGLER P.C.
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Fax: (845) 634-5543 Fax: (845) 469-1016
Email: ASZSurveys@aol.com

PROJECT:
MINISCEONGO PARK
TOWN OF HAVERSTRAW
TOWN OF RAMAPO
ROCKLAND COUNTY, NEW YORK

TITLE:
CODE COMPLIANT
WITH PARKING ADJUSTMENTS

DRAWN BY: VC	CHECKED BY: DMZ
DATE: AUGUST 13, 2008	SCALE: 1 IN. = 50 FT.
PROJECT NO. 1560	DRAWING NO. 1 OF 1

P.O.1

TL 25.18-2-2
N/F BARR LABORATORIES, INC.

S81°03'39"E

15' WIDE DRAINS & ROCKLAND UTILITIES & N.Y. TELEPHONE CO. EASEMENT

1920.00'

500.00'

L4= 143 FT

LIMIT OF WETLAND AS LOCATED ON MAY 11, 2006

L3= 1216FT

L2= 233 FT

WS#2

259.36'

S08°51'19"W

S81°29'03"E

226.32'

TL 25.18-1-5
N/F LEO & MARY PISCIOTTA

QUAKER ROAD

L1= 520 FT

TL 25.18-2-2
N/F BARR LABORATORIES, INC.

N08°57'50"E

1104.70'

L2= 406 FT

TOWN OF HAVERSTRAW
TOWN OF RAMAPO

WS#1

L3= 1518 FT

ACCESS ROAD

TL 25.18-2-19, 20 AND 23
N/F STATE OF NEW YORK
(PALISADES INTERSTATE PARKWAY)

MINISCEONGO CREEK

100' BUFFER

FLOW PATH

LIMIT OF WETLAND AS LOCATED ON MAY 11, 2006

TOP OF BANK ELEVATION = 96.2
TOP OF BANK ELEVATION = 96.2

100' BUFFER

2332.64'

S73°20'25"W

50.16'

L4= 83 FT

EXISTING PAVEMENT

N82°20'32"E

865.51'

ROUTE 202

PROPOSED IMPROVEMENT

PROP. TRAFFIC SIGNAL

TL 33.06-1-5
N/F CARLA REALTY CO.

EXISTING TRAFFIC SIGNAL

TL 33.06-1-6
N/F PALISADES INTERSTATE PARK COMMISSION

TL 33.06-1-7
N/F JOSEPH & DOROTHY PATTISON

TL 33.06-1-8
N/F COUNT REALTY CORP.

TL 33.06-1-9
N/F JEKYLL ASSOCIATES, INC.

TL 33.06-1-10
N/F HI-VIDEO INC.

TL 33.06-1-11
N/F COUNTY OF ROCKLAND

TL 33.06-1-12
N/F TOWN OF RAMAPO CORPORATION

TL 33.06-1-13
N/F AMCAP INCORPORATED

REVISION	DATE	DESCRIPTION
No.1	9/13/08	ELIMINATE 1 COMMERCIAL PAD, RESIDENTIAL LAYOUT

Ray Ahmadi, PhD., P.E.
Andrew S. Atzl, P.L.S.
John R. Atzl, P.L.S.
David M. Zigler, P.L.S.

ATZL, SCATASSA & ZIGLER P.C.
ENGINEERS-SURVEYORS-PLANNERS
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P.O. Box 636 · Chester, New York 10918 · Tel: (845) 469-1015 · Fax: (845) 469-1016
Email: ASZSurveys@aol.com

PROJECT:

MINISCEONGO PARK

TOWN OF HAVERSTRAW
TOWN OF RAMAPO
ROCKLAND COUNTY, NEW YORK

TITLE:

EXISTING CONDITION

DRAWN BY: SS	CHECKED BY: RA
DATE: AUGUST 13, 2008	SCALE: 1 IN. = 50 FT.
PROJECT NO. 1560	DRAWING NO. E-1

RAYMOND SHUKRI AHMADI P.E.
N.Y.S. LICENSED No. 059992

P.O.I

TL 25.18-2-2
N/F BARR LABORATORIES, INC.

S81°03'39"E 1320.00'

18' WIDE ORANGE & ROCKLAND UTILITIES & N.Y. TELEPHONE CO. EASEMENT

500.00'

LIMIT OF WETLAND AS LOCATED ON MAY 11, 2006

100' BUFFER

L5= 520 FT.

BUILDING A
GROSS FLOOR AREA
30,000 SQ. FT.

NO PARKING LOADING AREA
150'

200'

335'

PROPOSED RETENTION POND

BUILDING B
CENTER ENTRY, GARDEN RIGHT, TLE RIGHT GROSS S.F. (EXCLUDING TLE & GARDEN CENTER) = 176,459
GROSS SF (INCLUDING TLE BUT NOT GARDEN CENTER) = 184,212
GROCERY FRONT CANOPY S.F. (NOT INCLUDED IN GROSS SQUARE FOOTAGE) = 1,842
GM FRONT CANOPY S.F. (NOT INCLUDED IN GROSS SQUARE FOOTAGE) = 1,200

DOCK WELL
DOCK WELL
SEASONAL GARDEN CENTER
BAGGED GOODS AREA
PICK UP AREA
FENCED AREA
GROCERY CANOPY
GM CANOPY

259.36'
S08°51'16"W
S8°39'03"E 228.32'

QUAKER ROAD

TL 25.18-1-5
N/F LEO & MARY SCHUBER

L2= 74 FT.

DRIVEWAY

L3= 1290 FT.

FIRE LANE

335'

TOWN OF HAVERSTRAW
TOWN OF RAMAPO

MINISCEONGO CREEK

100' BUFFER

R-9
R-8
R-7
R-6
R-5
R-4
R-3
R-2
R-1

TL 25.18-2-2
N/F BARR LABORATORIES, INC.

N08°57'50"E 1104.20'

BUILDING 5
56 UNITS
17 GARAGES

BUILDING 1
54 UNITS
20 GARAGES

BUILDING 4
56 UNITS
14 GARAGES

BUILDING 3
56 UNITS
14 GARAGES

BUILDING 2
54 UNITS
20 GARAGES

PROPOSED RETENTION POND

DIRECTORY PYLON

BUILDING C
SPECIALTY FOOD RESTAURANT
GROSS FLOOR AREA
2,450 SQ. FT.

BUILDING F
FUEL STATION WITH DRIVE IN WINDOW
2,700 SQ. FT.

BUILDING E
SPECIALTY FOOD RESTAURANT
80 SEATS
GROSS FLOOR AREA
3,500 SQ. FT.

BUILDING D
BANK PAD
GROSS FLOOR AREA
4,000 SQ. FT.

LISTING PYLON

PYLON LOCATION
2332.54'

S0.76'E 1320.00'

S1°39'
N75°47'54"E

EXISTING PAVEMENT

ROUTE 202

PROPOSED IMPROVEMENT

PROP. TRAFFIC SIGNAL

965.50'

N82°20'32"E

EXISTING PAVEMENT

TL 33.06-1-6
N/F PALISADES INTERSTATE PARK COMMISSION

EXISTING TRAFFIC SIGNAL

TL 33.06-1-5
N/F CARLA REALTY CO.

TL 33.06-1-7
N/F JOSEPH & DOROTHY PATTISON

TL 33.06-1-8
N/F COUNT REALTY CORP.

TL 33.06-1-9
N/F JEKYLL ASSOCIATES, INC.

TL 33.06-1-10
N/F HI-VIDEO INC.

TL 33.06-1-11
N/F COUNTY OF ROCKLAND

TL 33.06-1-12
N/F AMOCO CORPORATION

TL 33.06-1-13
N/F AMCAP INCORPORATED

ACCESS ROAD

TL 35-2-19.22 AND 23
N/F STATE OF NEW YORK
(PALISADES INTERSTATE PARKWAY)

ELEVATION = 392.2
LOCATED ON SECOND WAY MAY 11, 2006

S.S.E. LIGHT POLE LOCATED ON SECOND WAY MAY 11, 2006

REVISION	DATE	DESCRIPTION
No.1	9/13/08	ELIMINATE 1 COMMERCIAL PAD. RESIDENTIAL LAYOUT

ATZL, SCATASSA & ZIGLER P.C.
ENGINEERS–SURVEYORS–PLANNERS
Ray Ahmadi, PhD., P.E.
Andrew S. Atzl, P.L.S.
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Email: ASZSurveys@aol.com

PROJECT:
MINISCEONGO PARK
TOWN OF HAVERSTRAW
TOWN OF RAMAPO
ROCKLAND COUNTY, NEW YORK

TITLE:
DEVELOPED CONDITION
(CONCEPT DRAINAGE)

DRAWN BY:	SS	CHECKED BY:	RA
DATE:	AUGUST 13, 2008	SCALE: 1 IN. = 50 FT.	
PROJECT NO:	1560	DRAWING NO:	D-1

RAYMOND AHMADI, PhD., P.E.
N.Y.S. LICENSED PROFESSIONAL ENGINEER

APPENDIX D

Traffic Report
Full Report with Appendix is on
Attached CD

JOHN COLLINS
ENGINEERS, P.C. TRAFFIC • TRANSPORTATION ENGINEERS
===== 11 BRADHURST AVENUE • HAWTHORNE, N.Y. • 10532 • (914) 347-7500 • FAX (914) 347-7266 =====

TRAFFIC IMPACT STUDY

****

MINISCEONGO PARK

U.S. ROUTE 202 @ PALISADES PARKWAY

TOWN OF HAVERSTRAW & TOWN OF RAMAPO,

NEW YORK

JOB NO. 1540

NOVEMBER 24, 2008

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SECTION I

INTRODUCTION

This study represents an update of the original traffic study prepared for the Minisceongo Park development. It reflects the changes in the development plan and addresses the items outlined in the Scoping Document for the project.

A. PROJECT DESCRIPTION AND LOCATION (Figure No. 1)

Minisceongo Park, a mixed use development consisting of up to 219 multifamily dwelling units, a 270,850 s.f. shopping center including several commercial out parcels, is proposed on property located on the north side of U.S. Route 202 immediately west of the Palisades Interstate Parkway (PIP) southbound on/off ramp. The property is located partially in the Town of Haverstraw and partially in the Town of Ramapo. As shown on Figure No.1, access to the development is proposed via a full movement access to U.S. Route 202 opposite an existing shopping center driveway and a right turn entry exit drive located further to the east.

The proposed development is expected to be completed in the next several years and for the purposes of analysis, a Design Year of 2011 has been utilized to evaluate future traffic conditions.

B. SCOPE OF STUDY

This study has been prepared to evaluate the potential traffic impacts of the proposed development on the roadway system in the area. As part of the study, detailed turning movement traffic counts were collected at various intersections in the area which were identified in the Scoping Document prepared by the Town of Haverstraw Planning Board. The Existing Traffic Volumes were then projected to a future design year utilizing a background growth factor. In addition, the traffic from other potential developments in the area was then added to the projected traffic volumes to obtain the 2011 No-Build Traffic Volumes.

Estimates of the traffic which are expected to be generated by the proposed development were computed based on information published by the Institute of Transportation Engineers (ITE). The Site Generated Traffic Volumes were then assigned to the roadway network based on an arrival and departure distribution which was developed based on a review of existing traffic patterns in the area, and in consideration of the market area to be served by the retail space. The Site Generated Traffic Volumes were combined with the design year No-Build Traffic Volumes to obtain the Build Traffic Volumes for each of the intersections.

A detailed capacity analysis was conducted at each of the intersections utilizing the procedures outlined in the 2000 Highway Capacity Manual. The Existing, No-Build and Build Traffic Volumes were all analyzed for each of the peak hours to identify Levels of Service and operating conditions. Where necessary, based on the results of the analysis, recommendations for improvements were made.

SECTION II

EXISTING ROADWAY AND TRAFFIC CONDITIONS

A. DESCRIPTION OF EXISTING ROADWAY NETWORK

As discussed above, the site will have access to U.S. Route 202. The following is a description of this and other roadways in the vicinity of the site.

1. U.S. Route 202 - is a major east/west arterial which traverses throughout Rockland County through Ramapo, Haverstraw and east into the Village of Haverstraw. In the immediate vicinity of the site, the roadway generally consists of one lane in each direction widened at various intersections. This section of roadway has a posted speed limit of 45 mph.

2. Palisades Interstate Parkway (PIP) - is a major north/south limited access facility which originates in New Jersey and traverses throughout Rockland County and into Orange County, New York. In the vicinity of the site, it is a four lane divided and limited access highway. Access to/from the PIP southbound is provided via U.S. Route 202. Access to the PIP northbound is provided via NYS Route 45 and access from the PIP northbound is provided vial Thiells - Mt. Ivy Road. The Palisades Interstate Parkway has a posted speed limit of 55 mph.

3. Quaker Road - is an existing Town road which originates at an intersection with the PIP

southbound on/off ramp. Quaker Road continues in a northwesterly direction passing the Barr Laboratory complex and continues in a northwesterly direction into the Village of Pomona. Quaker Road intersects with other local roadways and then the alignment changes to a southwesterly direction and connects with Camp Hill Road at a "stop" sign controlled intersection further to the west.

4. Camp Hill Road - originates at an intersection with Calls Hollow Road and traverses in a southerly direction intersecting with Quaker Road, U.S. Route 202 and continues in a southerly direction terminating at an intersection with Pomona Road. A traffic signal controls traffic flows at the intersection with U.S. Route 202.

5. NYS Route 306 – is a State Highway which runs in a generally north/south direction throughout Rockland County. It extends from Route 59 in the Town of Ramapo continuing north through the Village of New Hempstead and intersects with Route 202 at a signalized intersection.

6. NYS Route 45 – is a generally two lane roadway which originates at a signalized intersection with U.S. Route 202 in the Town of Haverstraw. It continues in a southerly direction providing access to the Palisade Interstate Parkway both northbound and southbound. The roadway continues through the Villages of New Hempstead, New Square and through Spring Valley into Chestnut Ridge and connects to Chestnut Ridge Road at the Bergen County line.

7. Martino Way – is an existing two lane town roadway which originates at a signalized intersection with U.S. Route 202. It provides access to existing residential areas.

B. YEAR 2008 EXISTING TRAFFIC VOLUMES (Figures No. 2, 3 and 4)

Manual turning movement traffic counts were conducted by John Collins Engineers, P.C. during May and September 2008 in order to establish the existing traffic volumes for the key intersections in the vicinity of the site. These new counts were also compared with previous counts conducted in the area by John Collins Engineers, P.C., Tim Miller Associates, Inc. and NYSDOT resulting in the Year 2008 Existing Traffic Volumes for the Weekday Peak AM and Peak PM Highway Hours and Saturday Peak Hour for the following locations as per the Scoping Document and discussed with the Town of Haverstraw Traffic Consultant TRC.

- U.S. Route 202 and NYS Route 45
- U.S. Route 202 and Thiells - Mt. Ivy Road
- U.S. Route 202 and Palisades Interstate Parkway (P.I.P) Southbound On/Off Ramp
- U.S. Route 202 and Camp Hill Road
- U.S. Route 202 and NYS Route 306
- Thiells - Mt. Ivy Road and P.I.P Northbound Off Ramp
- Quaker Road and P.I.P Southbound On/Off Ramp
- U.S. Route 202 and Proposed Site Access/Existing Shopping Center Driveway

- U.S. Route 202 and Pacesetter Shopping Center
- U.S. Route 202 and Ramapo Plaza
- U.S. Route 202 and Martino Way
- U.S. Route 202 and Balsam Road/Crystal Hill Club Access
- NYS Route 45 and Old Route 202/Park and Ride Access

Based on a review of these traffic counts, the existing peak hours were generally identified as follows:

- Weekday Peak AM Highway Hour - 7:30 AM to 8:30 AM
- Weekday Peak PM Highway Hour - 5:00 PM to 6:00 PM
- Saturday Peak Hour - 11:30 AM to 12:30PM

The resulting Year 2008 Existing Traffic Volumes for each of the study area locations are shown on Figures No. 2, 3 and 4 for the Weekday AM and PM Peak Hours and Saturday Peak Hour, respectively.

C. ACCIDENT DATA (Appendix "E")

All available accident data was collected for the area roadways from the New York State Department of Transportation for the latest available five year period. Copies of the accident reports and summary are contained in Appendix "E".

SECTION III

EVALUATION OF FUTURE TRAFFIC CONDITIONS

A. YEAR 2011 NO-BUILD TRAFFIC VOLUMES (Figures No. 5 through 13)

Based on historical data, the background growth for the area has been between 1% and 2%. In order to account for normal background traffic growth in the area, the Year 2008 Existing Traffic Volumes were increased by a total background growth of 6% to the Year 2011. These 2011 Project Traffic Volumes are shown on Figures No. 5, 6 and 7.

In addition, traffic from several other planned or approved developments in the surrounding area were identified through recent discussions with the Town of Ramapo and the Town of Haverstraw.

- Cumberland Farms
- Pomona Heights Office Building
- H.A.S.C. of Rockland
- Mesifta Beth Shraga
- Bobover Yeshiva of Monsey
- Congregation Kahal Torath Charm of Rockland

The traffic from each of these developments was estimated and added to the roadway network. The other development traffic is shown on Figures No. 8, 9 and 10. These were then added to the 2011 Projected Traffic Volumes to obtain the 2011 No-Build Traffic Volumes which are shown on Figures 11, 12 and 13 for each of the peak hours.

An additional analysis was also undertaken which considers the affects of the proposed Patrick Farm subdivision and is discussed in more detail in Section III-G of this report.

B. SITE GENERATED TRAFFIC VOLUMES (Table No. 1)

Estimates of the amount of traffic to be generated by the proposed Minisceongo Park development during each of the peak hours were developed based on information published by the Institute of Transportation Engineers (ITE) as outlined in their report titled, "Trip Generation", 7th Edition, 2003.

It should be noted that with respect to the commercial uses on this site, a significant portion of the trips generated are attracted as pass-by or diverted link trips from the existing roadway network. Studies have shown that for commercial uses, between 25% and 50% of the trips generated can be categorized as pass-by or diverted link trips. Note that the traffic volumes shown in Table No. 1 reflect consideration of both pass-by and diverted link trips as well as some internal trips for the residential use.

Table No. 1 summarizes the trip generation rates and anticipated site generated traffic volumes for the Weekday Peak AM and Peak PM Highway Hours and Saturday Peak Hours.

C. ARRIVAL AND DEPARTURE DISTRIBUTIONS (Figures No. 14, 15, 16 and 17)

It is necessary to establish an arrival/departure distribution in order to assign the site generated traffic volumes to the roadway network. The arrival and departure distributions were established based on a review of the existing traffic volumes, the population and employment centers in the area, and in consideration of the market area to be served by the retail space. The resulting arrival and departure distributions are shown on Figures No. 14 and 15 for the residential component of the development and Figures No. 16 and 17 for the commercial component.

D. YEAR 2011 BUILD TRAFFIC VOLUMES (Figures No. 18 through 26)

The site generated traffic volumes for the proposed development were assigned to the roadway network based on the above referenced distribution patterns. The resulting site generated traffic volumes are shown on Figures No. 18, 19, 20, 21, 22 and 23 for the peak hours. These volumes were then added to the Year 2011 No-Build Traffic Volumes to obtain the Year 2011 Build Traffic Volumes (with the proposed development).

The resulting Year 2011 Build Traffic Volumes are shown on Figures No. 24, 25 and 26 for the Weekday Peak AM and Weekday Peak PM Highway Hours and Saturday Peak Hours, respectively.

E. DESCRIPTION OF ANALYSIS PROCEDURES

It was necessary to perform capacity analyses in order to determine existing and future traffic operating conditions at the study area intersections. The following is a brief description of the analysis method utilized in this report:

- Signalized Intersection Capacity Analysis

  The capacity analysis for a signalized intersection was performed in accordance with the procedures described in the 2000 Highway Capacity Manual, published by the Transportation Research Board. The terminology used in identifying traffic flow conditions is Levels of Service. A Level of Service "A" represents the best condition and a Level of Service "F" represents the worst condition. A Level of Service "C" is generally used as a design standard while a Level of Service "D" is acceptable during peak periods. A Level of Service "E" represents an operation near capacity. In order to identify an intersection's Level of Service, the average amount of vehicle delay is computed for each approach to the intersection as well as for the overall intersection.

- Unsignalized Intersection Capacity Analysis

  The unsignalized intersection capacity analysis method utilized in this report was also performed in accordance with the procedures described in the 2000 Highway Capacity Manual. The procedure is based on total elapsed time from when a vehicle stops at the end of the queue until the vehicle departs from the stop line. The average total delay for any particular critical movement is a function of the service rate or capacity of the approach and the degree of saturation. In order to identify the Level of Service, the average amount of vehicle delay is computed for each critical movement to the intersection.

Additional information concerning signalized and unsignalized Levels of Service can be found in Appendix "D" of this report.

F. TRAFFIC IMPACT ANALYSIS (Table No. 2)

Capacity analyses were conducted at each of the intersections utilizing the procedures described above in order to evaluate existing and future traffic operating conditions for the area intersections.

Table No. 2 summarizes the results of the analysis for the Year 2008 Existing, Year 2011 No-Build and Year 2011 Build Traffic Volumes. Copies of the intersection capacity analysis (which shows the existing geometrics) are contained in Appendix "C" of this report. A SYNCHRO/SIM traffic analysis was also completed to provide more details for the proposed signal operations.

Summarized below is a summary of the existing and future Levels of Service and any recommended improvements.

1. U.S. Route 202 and NYS Route 45

NYS Route 45 intersects with U.S. Route 202 opposite Old Country Road at a signalized intersection.

The capacity analysis conducted utilizing the Year 2008 Existing Traffic Volumes indicates that the intersection is currently operating at an overall Level of Service "C" during the Weekday Peak AM and PM Peak Highway Hours and Saturday Peak Hour.

Capacity analysis conducted utilizing the Year 2011 No-Build Traffic Volumes indicates that with signal timing changes and signal coordination with adjacent traffic signals, the intersection is projected to operate at an overall Level of Service "C" during the Weekday Peak AM Highway Hour and Saturday Peak Hour and is projected to operate at an overall Level of Service "D" during the Weekday Peak PM Highway Hour.

Capacity analysis conducted utilizing the Year 2011 Build Traffic Volumes indicates that the intersection will continue to operate at an overall Level of Service "C" during the Weekday Peak AM Highway Hour and will continue to operate at an overall Level of Service "D" during the Weekday Peak PM Highway Hour and Saturday Peak Hour.

2. U.S. Route 202 and Thiells - Mt. Ivy Road

Thiells - Mt. Ivy Road intersects with U.S. Route 202 opposite the existing Park and Ride at a signalized full movement intersection.

Capacity analysis conducted utilizing the Year 2008 Existing Traffic Volumes indicates that the intersection is currently operating at an overall Level of Service "D" during the Weekday Peak AM Highway Hour and is currently operating at an overall Level of Service "C" during the Weekday Peak PM Highway Hour and Saturday Peak Hours.

The NYSDOT currently has an improvement project in place (P.I.N. 8093.48) to improve the operation of this intersection by eliminating the existing park and ride entrance opposite Thiells - Mt. Ivy Road and replacing it with a right turn entry only driveway to the west and a right turn exit only driveway to the east. In addition, the U.S. Route 202 westbound approach will be widened to provide an additional through lane which will tie into westbound right turn lane at the Palisades Interstate Parkway southbound on/off ramp. As part of this improvement project, the U.S. Route 202 eastbound right turn lane at NYS Route 45 will be extended to the west past the Thiells - Mt. Ivy Road intersection. A copy of the NYSDOT plans is contained in Appendix "F".

Capacity analysis conducted utilizing the Year 2011 No-Build Traffic Volumes indicates that the intersection is projected to operate at an overall Level of Service "C" or better during the Weekday Peak AM and PM Highway Hour and Saturday Peak Hour.

Capacity analysis conducted utilizing the Year 2011 Build Traffic Volumes indicates that the intersection will continue to operate at an overall Level of Service "C" or better during the Peak Hours.

3. U.S. Route 202 and PIP. Southbound On/Off Ramp

The Palisades Interstate Parkway Southbound On/Off Ramp intersects with U.S. Route 202 opposite the Mt. Ivy Diner at a signalized intersection.

Capacity analysis conducted utilizing the Year 2008 Existing Traffic Volumes indicates that the intersection is currently operating at an overall Level of Service "C" during the Weekday Peak AM Highway Hour and is currently operating at an overall Level of Service "B" during the Weekday Peak PM Highway Hour and Saturday Peak Hour.

Capacity analysis conducted utilizing the Year 2011 No-Build Traffic Volumes indicates that the intersection is projected to operate at an overall Level of Service "C" during the Weekday Peak AM Highway Hour and is projected to operate at an overall Level of Service "B" during the Weekday Peak PM Highway Hour and Saturday Peak Hour.

Capacity analysis conducted utilizing the Year 2011 Build Traffic Volumes indicates that the intersection will continue to operate at an overall Level of Service "C" during the Weekday Peak AM Highway Hour and will continue to operate at an overall Level of Service "D" during the Weekday Peak PM Highway Hour and Level of Service "E" during the Saturday Peak Hour.

With the construction of the proposed Minisceongo Park development, this section of U.S. Route 202 will be widened to provide an additional lane and this would also provide additional storage for the U.S. Route 202 eastbound left turn. This widening together with

the coordination of the traffic signal at the Minisceongo Park development should improve operating conditions at this location to an overall Level of Service "C" or better.

4. U.S. Route 202 and Camp Hill Road

Camp Hill Road intersects with U.S. Route 202 at a signalized intersection.

Capacity analysis conducted utilizing the Year 2008 Existing Traffic Volumes indicates that the intersection is currently operating at an overall Level of Service "B" during the Weekday Peak AM and Weekday Peak PM Highway Hours and Saturday Peak Hour.

Capacity analysis conducted utilizing the Year 2011 No-Build Traffic Volumes indicates that the intersection is projected to operate at an overall Level of Service "B" during the Weekday Peak AM and Weekday Peak PM Highway Hours and Saturday Peak Hour. Some signal timing changes will be required to provide the most efficient operation.

Capacity analysis conducted utilizing the Year 2011 Build Traffic Volumes indicates that the intersection will operate at an overall Level of Service "C" or better during the Weekday Peak AM and Weekday Peak PM Highway Hours and Saturday Peak Hour.

5. Thiells - Mt. Ivy Road and PIP Northbound Off Ramp

The Palisades Interstate Parkway Northbound Off Ramp intersects with Thiells - Mt. Ivy Road at an unsignalized intersection.

Capacity analysis conducted utilizing the Year 2008 Existing Traffic Volumes indicates that the PIP Northbound Off Ramp is currently operating at a Level of Service "E" during the Weekday Peak AM Highway Hour and is currently operating at a Level of Service "F" during the Weekday Peak PM Highway Hour and "E" during the Saturday Peak Hour.

Capacity analysis conducted utilizing the Year 2011 No-Build and Year 2011 Build Traffic Volumes indicates that the PIP Northbound Off Ramp will operate at a Level of Service "F" during the Weekday Peak AM, Weekday Peak PM and during the Saturday Peak Hour.

In order to improve that operation of this intersection regardless of the proposed development, a traffic signal would be required. With signalization, this intersection will operate at an overall Level of Service "C" or better during the Peak Hours utilizing the Year 2011 No-Build and Year 2011 Build Traffic volumes.

6. PIP Southbound On/Off Ramp and Quaker Road

Quaker Road intersects with the Palisades Interstate Parkway Southbound On/Off Ramp at an unsignalized intersection.

Capacity analysis conducted utilizing the Year 2008 Existing Traffic Volumes indicates that the Quaker Road approach is currently operating at a Level of Service "F" during the Weekday Peak AM and Weekday Peak PM Highway Hours and "D" during the Saturday Peak Hour.

Capacity analysis conducted utilizing the Year 2011 No-Build and Year 2011 Build Traffic Volumes indicates that the Quaker Road approach will operate at a Level of Service "F" during the Weekday Peak AM, Weekday Peak PM Highway Hours and during the Saturday Peak Hour.

In order to improve that operation of this intersection regardless of the proposed development, a traffic signal would be required as well as a separate left turn lane to Quaker Road. With these improvements, this intersection will operate at an overall Level of Service "C" or better during the Weekday Peak AM and Weekday Peak PM Highway Hours utilizing the Year 2011 No-Build and Year 2011 Build Traffic volumes.

7. U.S. Route 202 and Proposed Site Access

As previously discussed, access to the development is proposed via a full movement access to U.S. Route 202 opposite an existing shopping center driveway.

It is recommended that a separate left turn lane on U.S. Route 202 be constructed in order to accommodate turning movements to and from the site as well as improve the access to the shopping center located on the south side of U.S. Route 202. In addition, it is also recommended that a separate right turn lane on U.S. Route 202 for traffic entering the site be constructed. The proposed driveway should be constructed to provide three exiting lanes in the form of a separate right turn lane, a through left lane and a separate left turn lane. Route

202 will also have to be widened to accommodate the dual left turn exit movement from the Minisceongo Park driveway. A traffic signal should be installed to control the turning movements at this location. This signal will also have to be interconnected with adjacent signals.

Capacity analysis conducted with the above recommended improvements indicates that this intersection will operate at an overall Level of Service "C" or better during the Weekday Peak AM and PM Highway Hours and Saturday Peak Hour.

8. U.S. Route 202 and Pacesetter Shopping Center

The Pacesetter Shopping Center intersects with U.S. Route 202 at a signalized "T" intersection.

Capacity analysis conducted utilizing the Year 2008 Existing Traffic Volumes indicates that the intersection is currently operating at an overall Level of Service "B" during the Weekday Peak AM and Weekday Peak PM Highway Hours.

Capacity analysis conducted utilizing the Year 2011 No-Build Traffic Volumes indicates that the intersection is projected to operate at an overall Level of Service "B" during the Weekday Peak AM Highway Hour and Saturday Peak Hour and is projected to operate at an overall Level of Service "C" during the Weekday Peak PM Highway Hour.

Capacity analysis conducted utilizing the Year 2011 Build Traffic Volumes indicates that the intersection will continue to operate at an overall Level of Service "C" or better during the Peak Hours. The existing traffic signal will have to be interconnected with the adjacent traffic signal at the proposed site access.

9. U.S. Route 202 and Ramapo Plaza

Ramapo Plaza intersects with U.S. Route 202 at an unsignalized "T" intersection.

Capacity analysis conducted utilizing the Year 2008 Existing Traffic Volumes indicates that the intersection is currently operating at a Level of Service "F" during the Weekday Peak AM Highway Hour and is currently operating at a Level of Service "D" during the Weekday Peak PM Highway Hour and Saturday Peak Hour.

Capacity analysis conducted utilizing the Year 2011 No-Build Traffic Volumes indicates that the intersection will operate at Level of Service "F" during the Weekday Peak AM and PM Highway Hours and is projected to operate at a Level of Service "E" during the Saturday Highway Hour.

Capacity analysis conducted utilizing the Year 2011 Build Traffic Volumes indicates that the intersection will operate at Level of Service "F" during the Weekday Peak AM and Weekday Peak PM Highway Hour and Saturday Peak Hour.

With the construction of the proposed Minisceongo Park development, this section of U.S. Route 202 will be widened. This widening together with the coordination of the traffic signal at the Minisceongo Park development with the adjacent signals on Route 202 should improve operating conditions at other existing driveways including Ramapo Plaza.

10. U.S. Route 202 and Martino Way

Martino Way intersects with U.S. Route 202 at a signalized intersection.

Capacity analysis conducted utilizing the Year 2008 Existing Traffic Volumes indicates that the intersection is currently operating at an overall Level of Service "B" or better during the Weekday Peak AM and Weekday Peak PM Highway Hours and Saturday Peak Hour.

Capacity analysis conducted utilizing the Year 2011 No-Build and Year 2011 Build Traffic Volumes indicates that the intersection will operate at an overall Level of Service "C" or better during the Weekday Peak AM and Weekday Peak PM Highway Hours and Saturday Peak Hour.

11. U.S. Route 202 and Pacesetter Shopping Center (East)

U.S. Route 202 intersects with the east driveway for the Pacesetter Shopping Center at an unsignalized intersection. Capacity analyses for the 2011 Existing condition indicate that the

intersection is operating at a Level of Service "C" or better during the weekday peak AM, PM and Saturday peak hours.

Capacity analyses for the 2011 No-Build and 2011 Build conditions indicate that the intersection will operate at Level of Service "D" or better during the weekday peak AM, PM and Saturday peak hours.

12. U.S. Route 202 and NYS Route 306

U.S. Route 202 and NYS Route 306 intersect at a signalized full movement intersection. The capacity analysis conducted at this intersection utilizing the Year 2008Existing Traffic Volumes indicates that an overall Level of Service "B" is experienced during peak periods.

The intersection was reanalyzed utilizing the Year 2011 No-Build and Year 2011 Build Traffic Volumes. A review of these analyses indicates that an overall Level of Service "C" or better will be obtained at this intersection during peak periods.

13. NYS Route 45 and Old Route 202/Park and Ride Access

Old Route 202 intersects with U.S. Route 202 opposite the driveway to the Park and Ride facility. Associated with the NYSDOT improvements, a traffic signal is being installed at this intersection.

The capacity analysis conducted at this intersection utilizing the Year 2011 No- Build and Year 2011 Build Traffic Volumes indicates a Level of Service "C" or better will be experienced during peak periods.

14. U.S. Route 202 and Crystal Hill Club and Balsam Road

Balsam Road and the Crystal Hill Club access intersect with U.S. Route 202 at a signalized intersection. Capacity analysis conducted at this intersection indicates that under existing conditions an overall Level of Service "C" or better is experienced during peak periods. The analysis was recomputed under future No-Build and Build conditions. The analysis indicates that an overall Level of Service "C" or better will be experienced during peak periods.

G. EVALUATION OF CONDITIONS WITH PROPOSED PATRICK FARM DEVELOPMENT

In addition to the other developments considered as part of the overall traffic evaluation, the Patrick Farm a 497 unit subdivision which is proposed in the Town of Ramapo, was also considered as part of a separate evaluation since this development is expected to be completed after the Minisceongo Park development. A series of figures and analysis as contained in the appendices were compiled to evaluate the effect of the additional traffic from this potential development.

H. PUBLIC TRANSPORTATION (Appendix "G")

The County of Rockland Department of Public Transportation has indicated that they plan to run the Transport of Rockland (TOR) Bus #95 into the Minisceongo Park site. This service will also allow transfers to other TOR routes. See Appendix "G" for a copy of their October 3, 2008 correspondence.

I. SUMMARY AND CONCLUSION (Table No. 3 and Drawing CP-1)

Based on a review of the conditions in the vicinity of the site, there are certain existing traffic delays occurring during peak periods. With the completion of the improvements outlined in the Section III-F, which are summarized in Table No. 3 and shown on Drawing CP-1 (Appendix "H"), the traffic to and from the Minisceongo Park Development can be accommodated and improved traffic flow and safety along the frontage of the site will be provided as a result of the proposed roadway improvements.

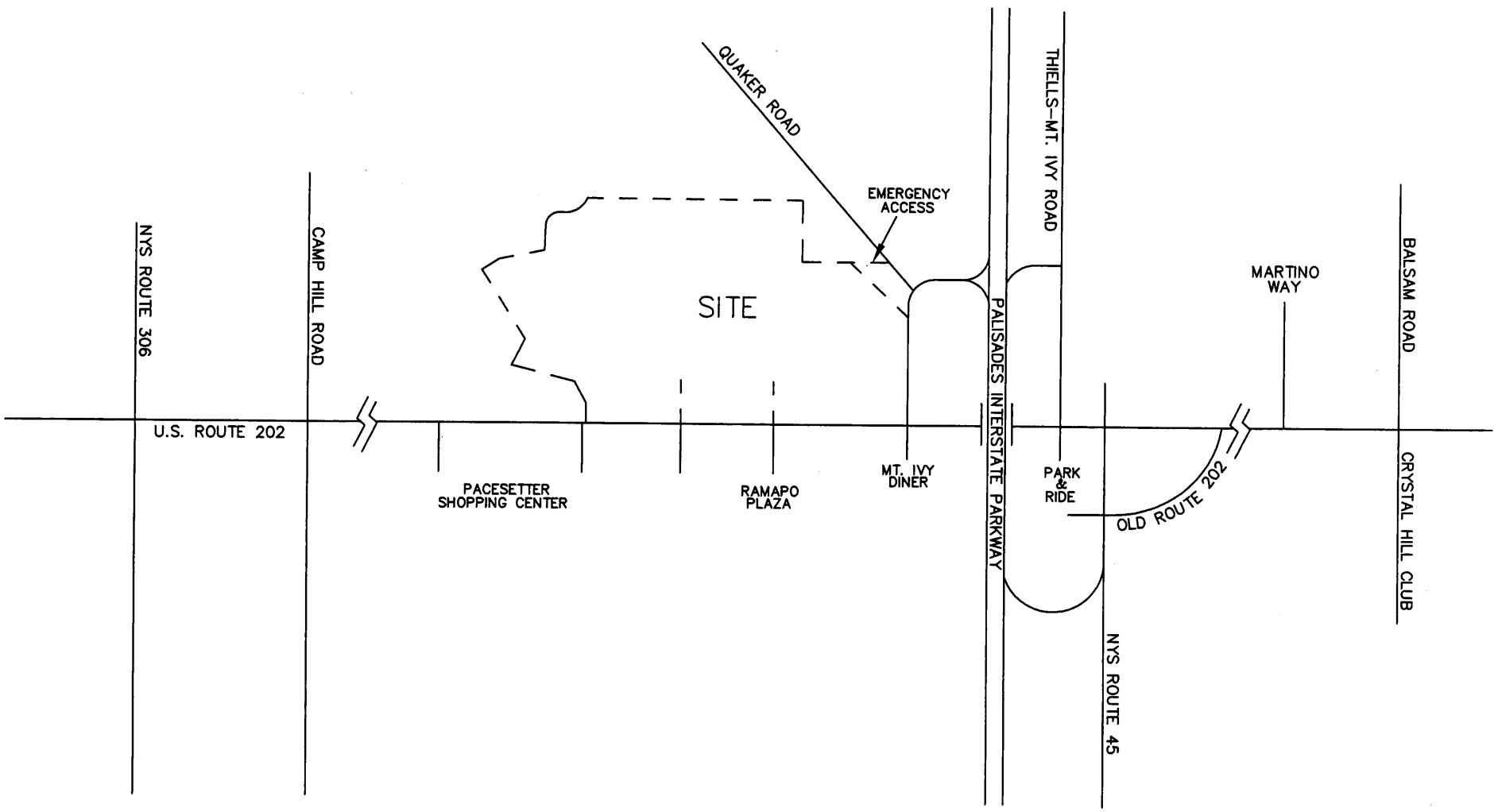
Respectfully Submitted,
JOHN COLLINS ENGINEERS, P.C.

Philip J. Grealy, Ph.D., P.E.

1540.TIS

APPENDIX "A"

FIGURES



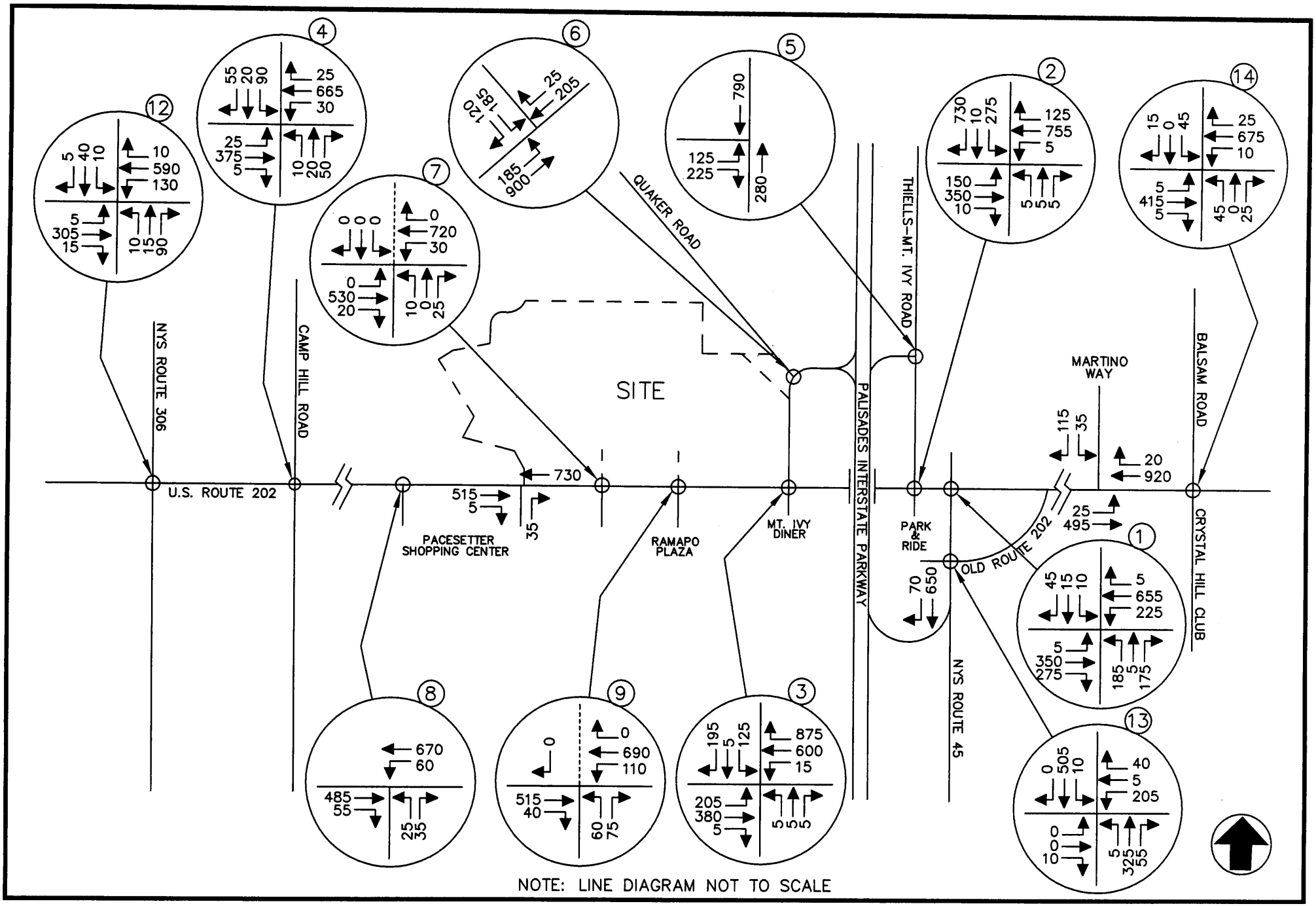
NOTE: LINE DIAGRAM NOT TO SCALE

MINISCEONGO PARK
TOWN OF HAVERSTRAW/TOWN OF RAMAPO, NEW YORK

SITE LOCATION MAP

JOHN COLLINS ENGINEERS, P.C.
HAWTHORNE, NEW YORK

PROJECT NO. 1540 DATE: OCTOBER 2008 FIG. NO. 1

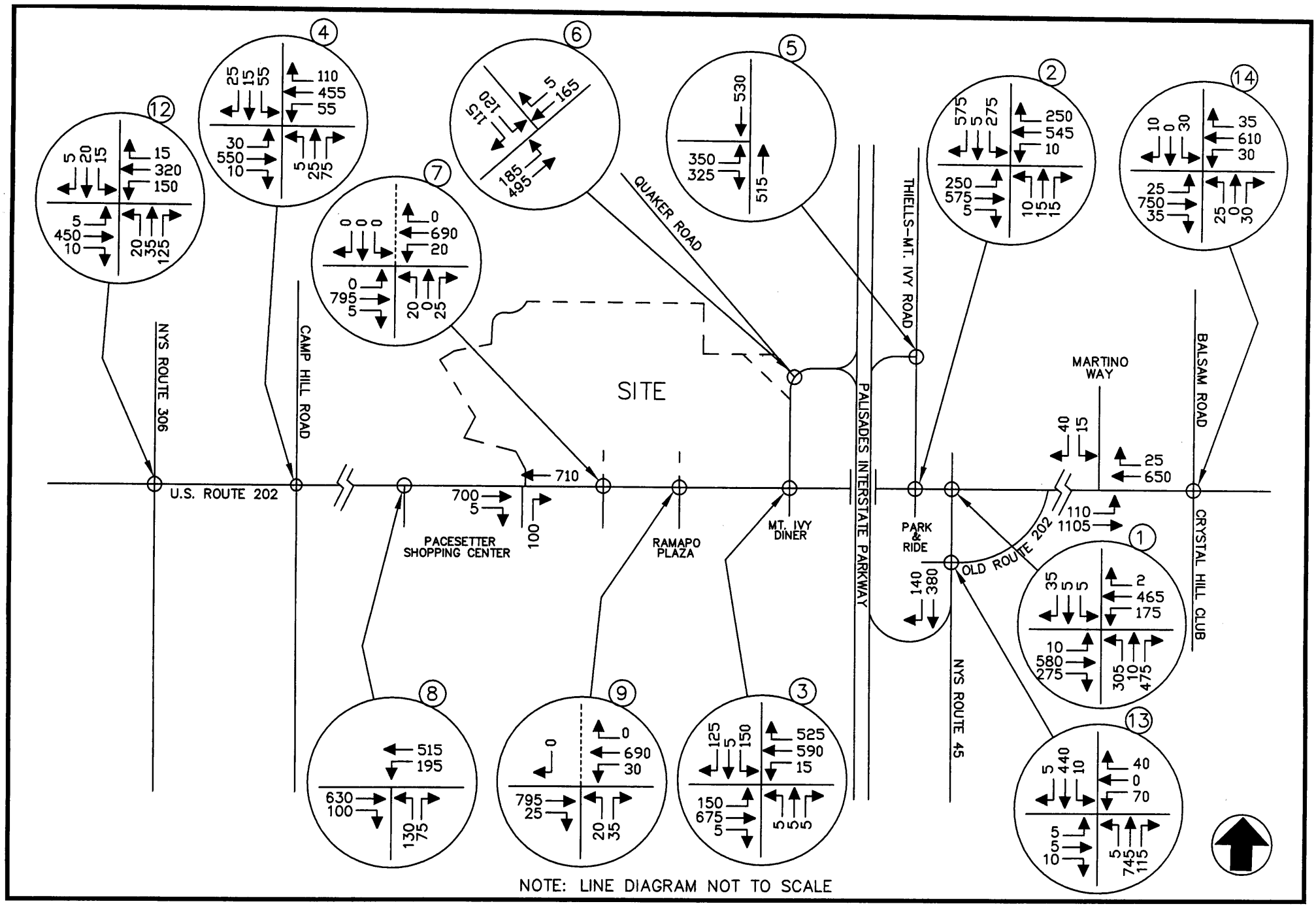


MINISCEONGO PARK
TOWN OF HAVERSTRAW/TOWN OF RAMAPO, NEW YORK

2008 EXISTING TRAFFIC VOLUMES
WEEKDAY PEAK AM HIGHWAY HOUR

JOHN COLLINS ENGINEERS, P.C.
HAWTHORNE, NEW YORK

PROJECT NO. 1540 DATE: OCTOBER 2008 FIG. NO. 2

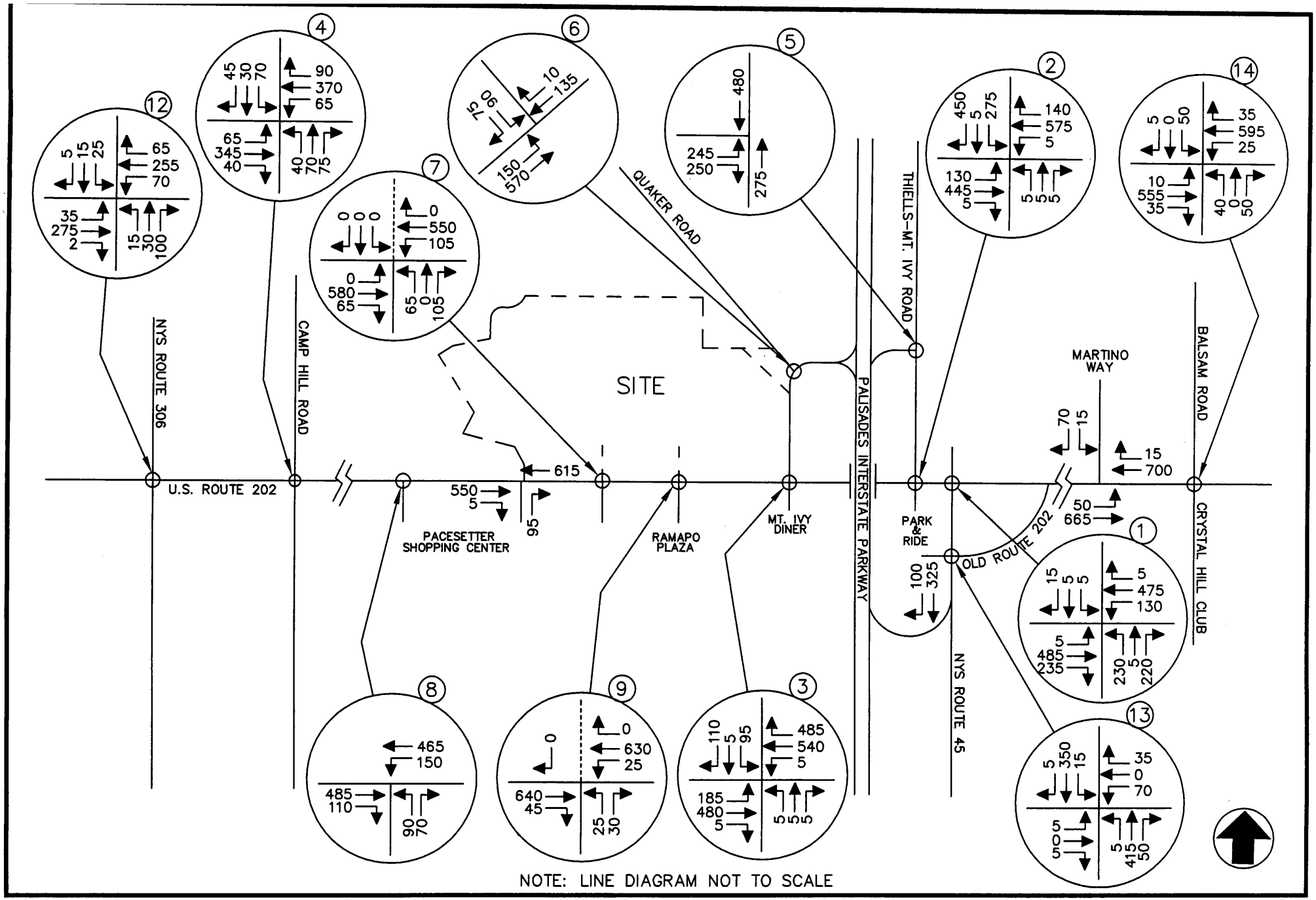


MINISCEONGO PARK
TOWN OF HAVERSTRAW/TOWN OF RAMAPO, NEW YORK

2008 EXISTING TRAFFIC VOLUMES
WEEKDAY PEAK PM HIGHWAY HOUR

JOHN COLLINS ENGINEERS, P.C.
HAWTHORNE, NEW YORK

PROJECT NO. 1540 DATE: OCTOBER 2008 FIG. NO. 3

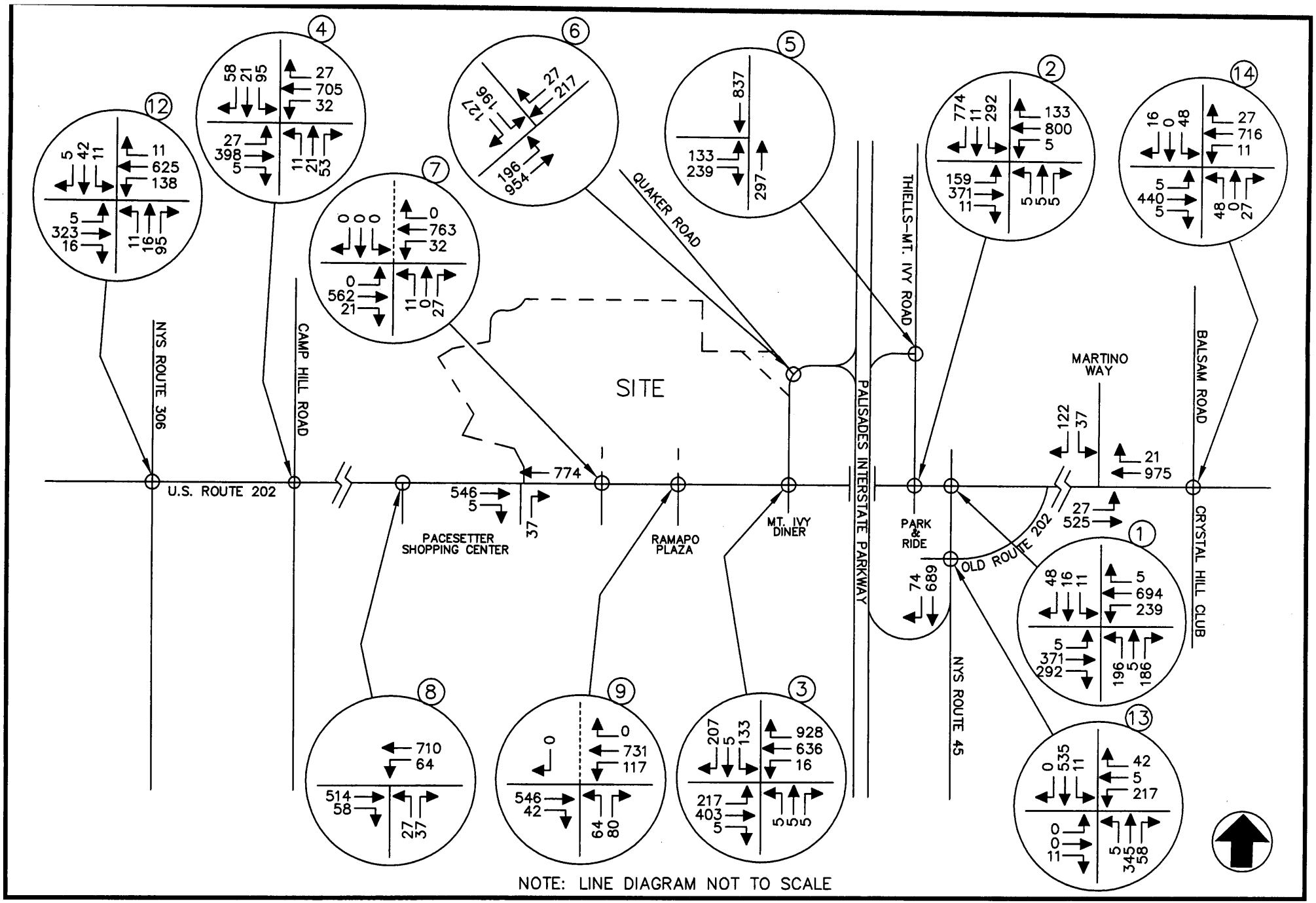


MINISCEONGO PARK
TOWN OF HAVERSTRAW/TOWN OF RAMAPO, NEW YORK

2008 EXISTING TRAFFIC VOLUMES
WEEKEND PEAK SATURDAY HIGHWAY HOUR

JOHN COLLINS ENGINEERS, P.C.
HAWTHORNE, NEW YORK

PROJECT NO. 1540 DATE: OCTOBER 2008 FIG. NO. 4

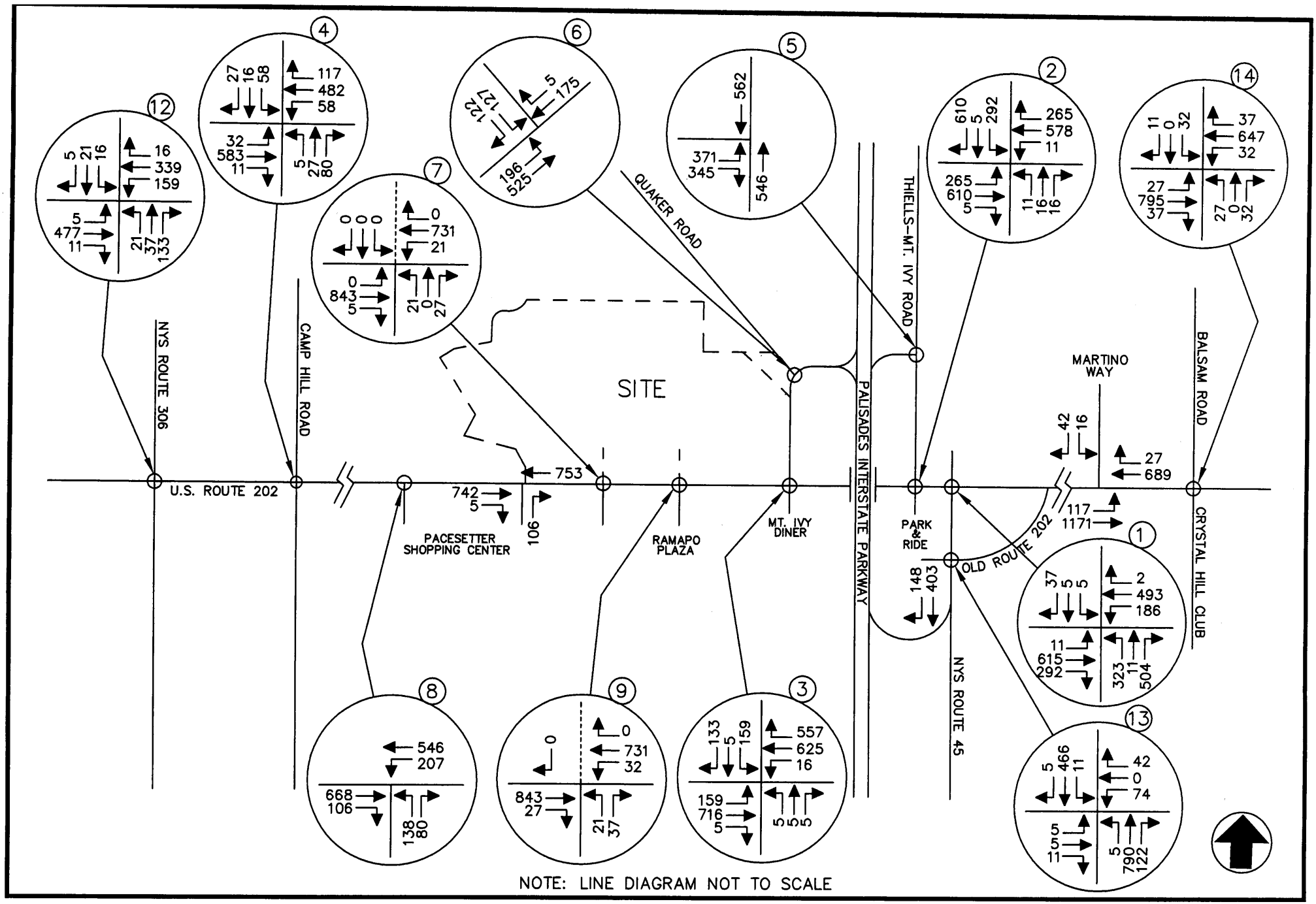


MINISCEONGO PARK
TOWN OF HAVERSTRAW/TOWN OF RAMAPO, NEW YORK

2011 PROJECTED TRAFFIC VOLUMES
WEEKDAY PEAK AM HIGHWAY HOUR

JOHN COLLINS ENGINEERS, P.C.
HAWTHORNE, NEW YORK

PROJECT NO. 1540 DATE: OCTOBER 2008 FIG. NO. 5

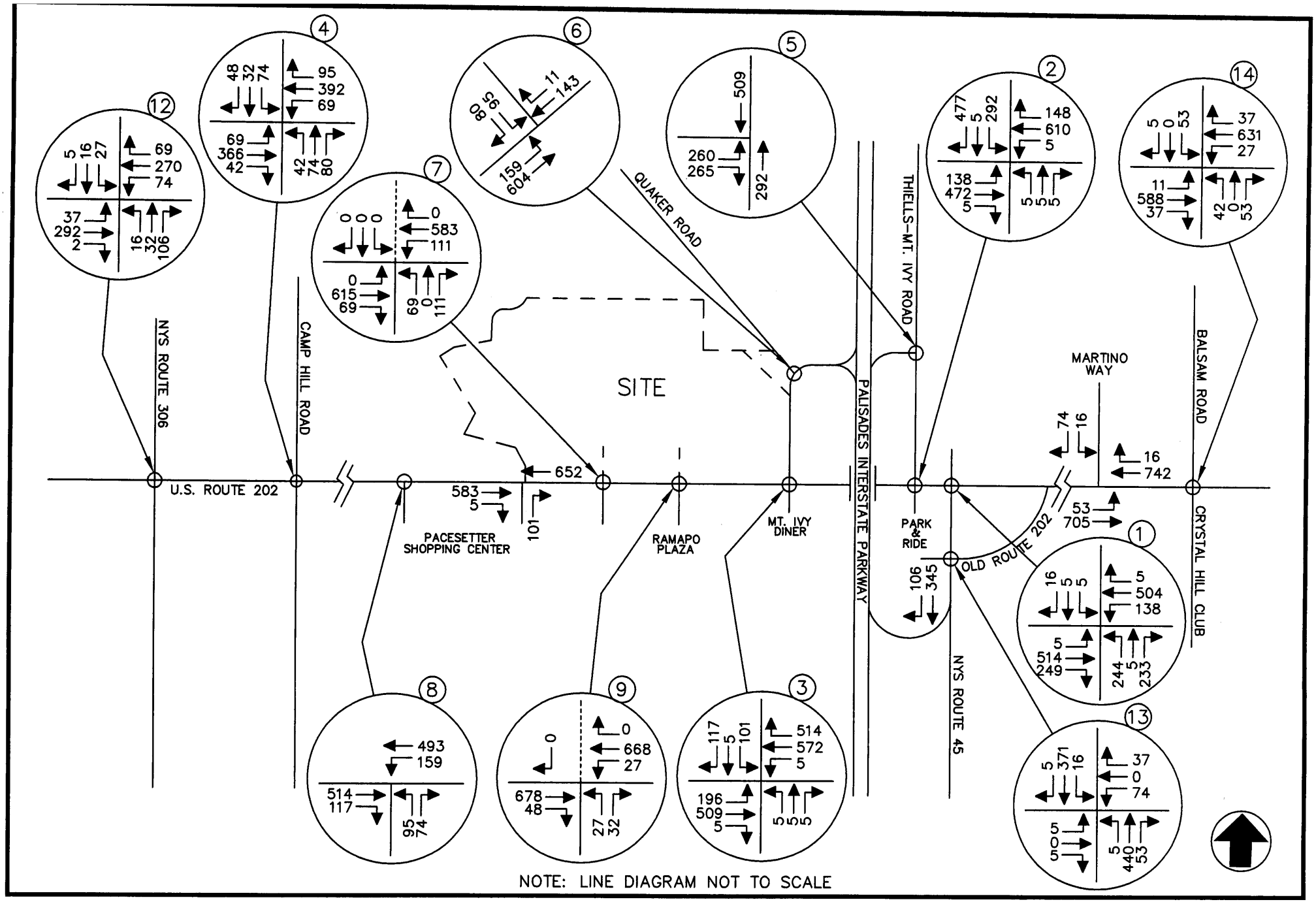


MINISCEONGO PARK
TOWN OF HAVERSTRAW/TOWN OF RAMAPO, NEW YORK

2011 PROJECTED TRAFFIC VOLUMES
WEEKDAY PEAK PM HIGHWAY HOUR

JOHN COLLINS ENGINEERS, P.C.
HAWTHORNE, NEW YORK

PROJECT NO. 1540 DATE: OCTOBER 2008 FIG. NO. 6

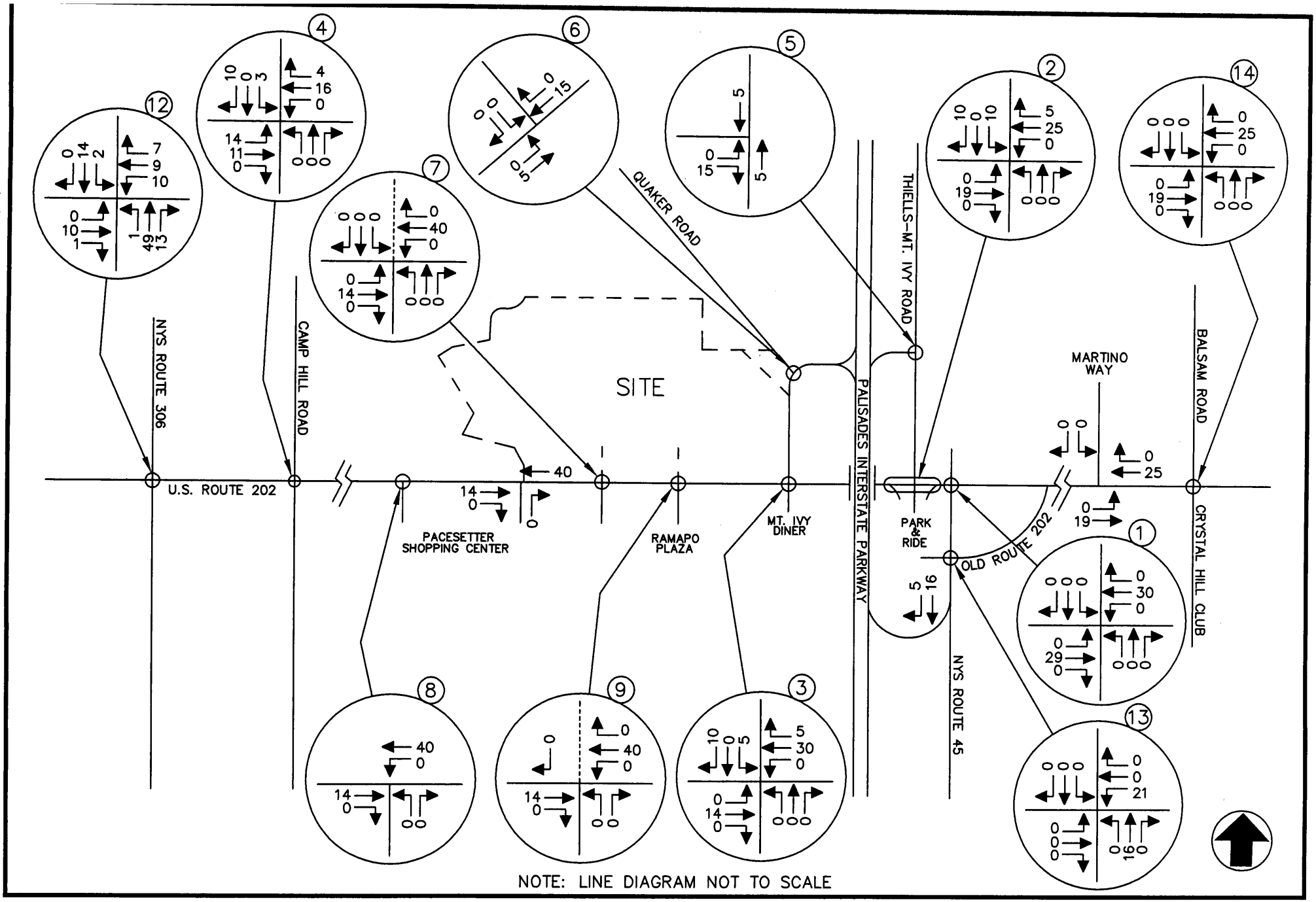


MINISCEONGO PARK
TOWN OF HAVERSTRAW/TOWN OF RAMAPO, NEW YORK

2011 PROJECTED TRAFFIC VOLUMES
WEEKDAY PEAK SATURDAY HIGHWAY HOUR

JOHN COLLINS ENGINEERS, P.C.
HAWTHORNE, NEW YORK

PROJECT NO. 1540 DATE: OCTOBER 2008 FIG. NO. 7

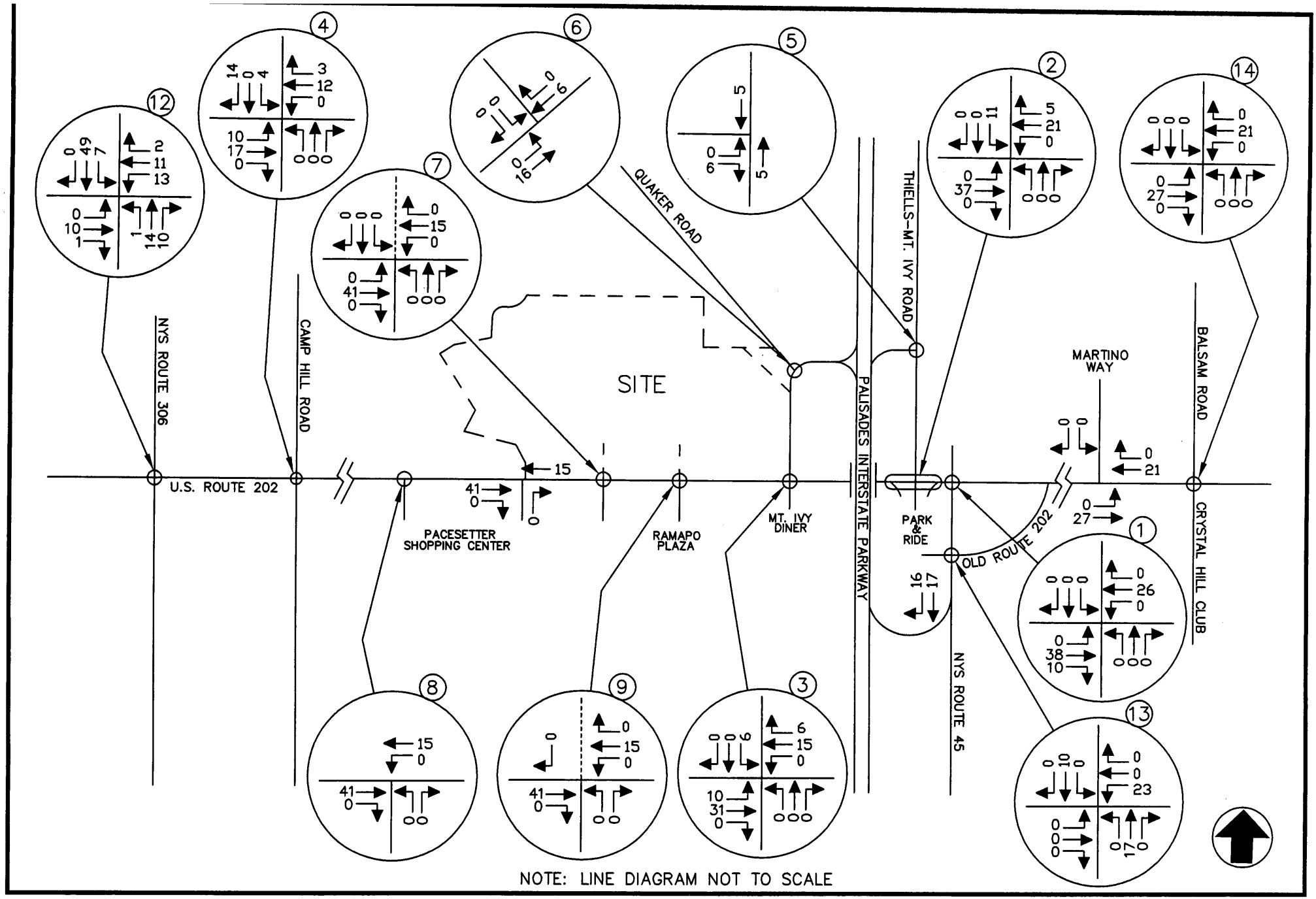


MINISCEONGO PARK
TOWN OF HAVERSTRAW/TOWN OF RAMAPO, NEW YORK

OTHER DEVELOPMENT TRAFFIC VOLUMES
WEEKDAY PEAK AM HIGHWAY HOUR
(W/O PATRICK FARM)

JOHN COLLINS ENGINEERS, P.C.
HAWTHORNE, NEW YORK

PROJECT NO. 1540 DATE: OCTOBER 2008 FIG. NO. 8

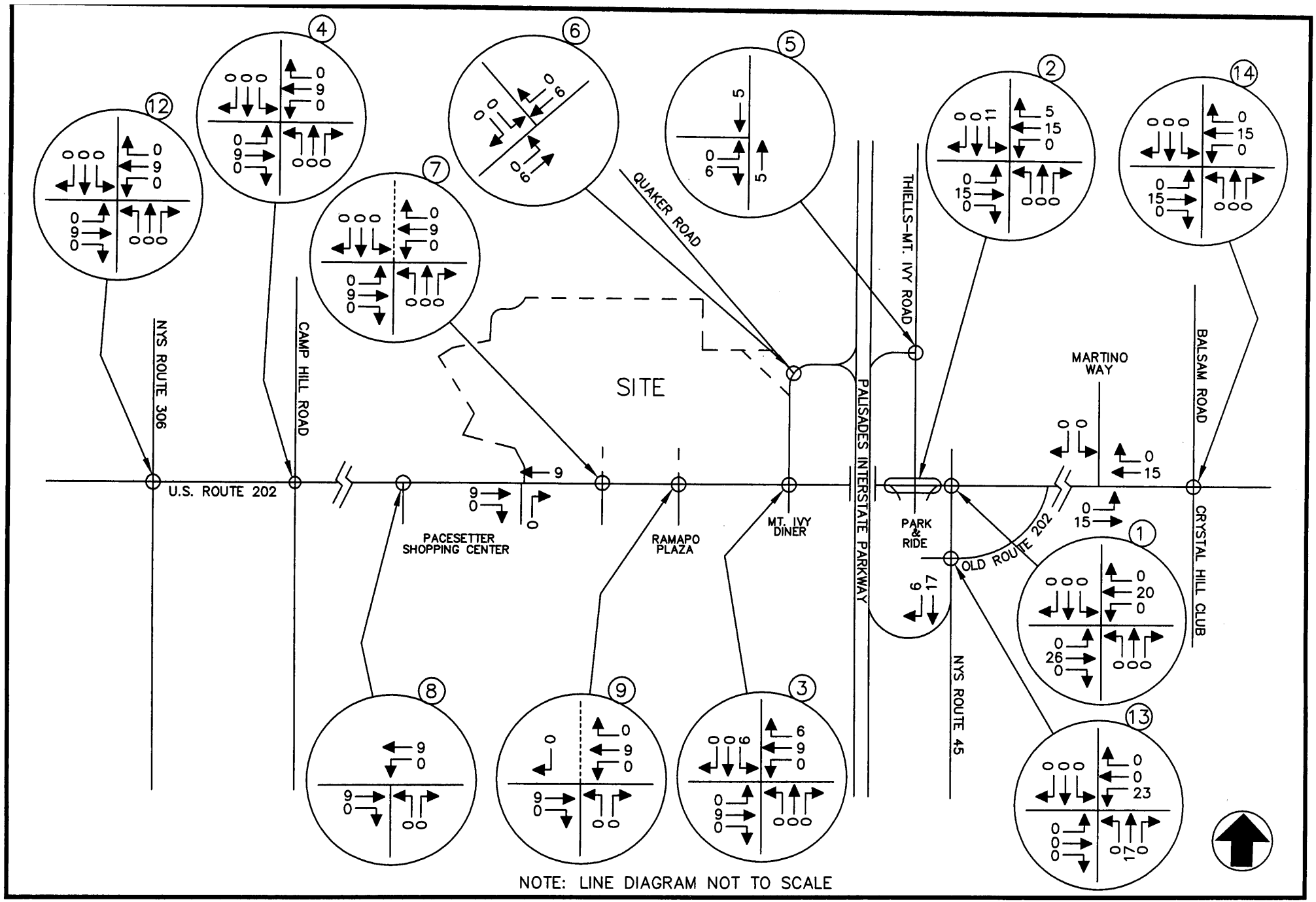


MINISCEONGO PARK
TOWN OF HAVERSTRAW/TOWN OF RAMAPO, NEW YORK

OTHER DEVELOPMENT TRAFFIC VOLUMES
WEEKDAY PEAK PM HIGHWAY HOUR
(W/O PATRICK FARM)

JOHN COLLINS ENGINEERS, P.C.
HAWTHORNE, NEW YORK

PROJECT NO. 1540 DATE: OCTOBER 2008 FIG. NO. 9

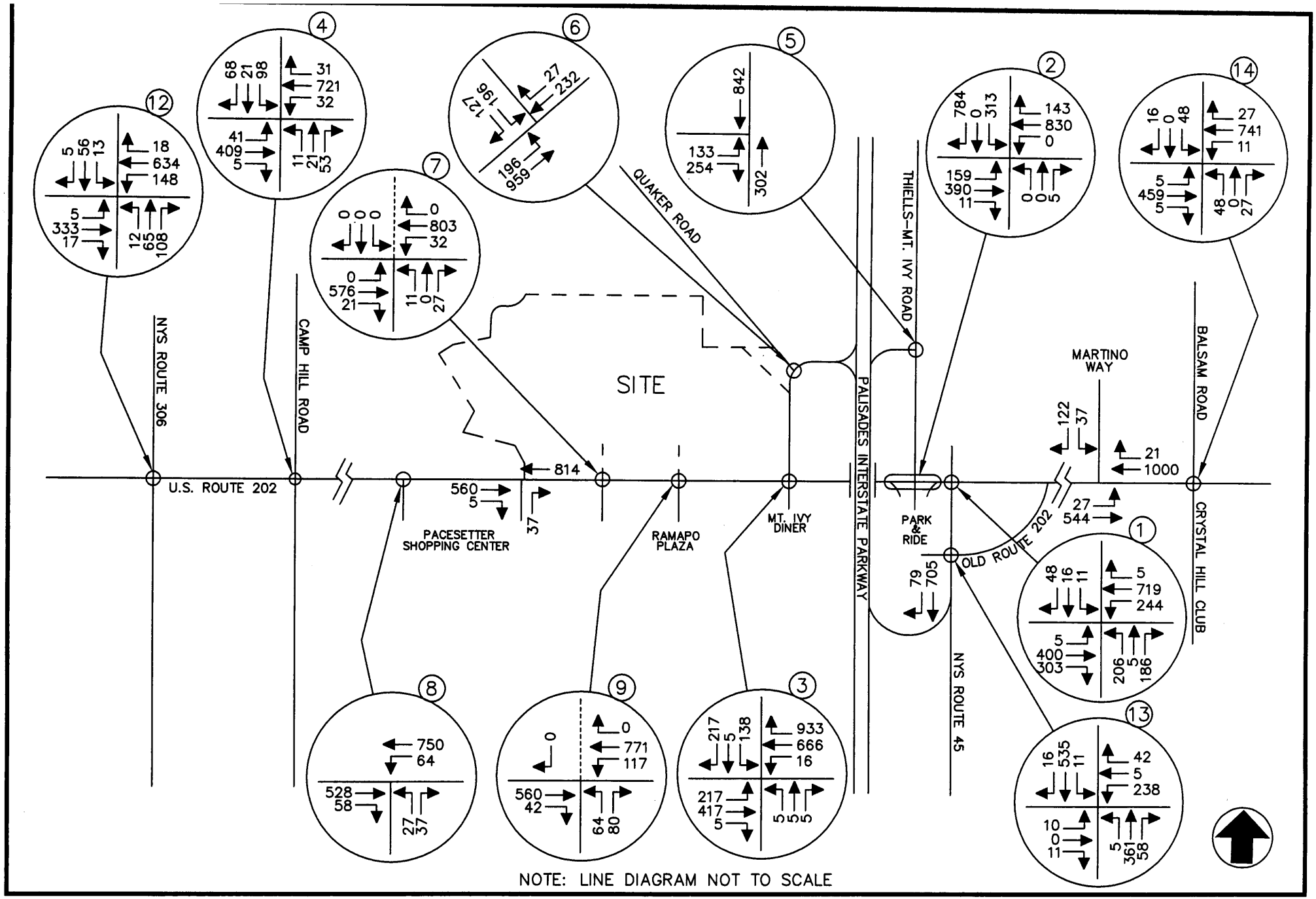


MINISCEONGO PARK
TOWN OF HAVERSTRAW/TOWN OF RAMAPO, NEW YORK

OTHER DEVELOPMENT TRAFFIC VOLUMES
WEEKEND PEAK SATURDAY HIGHWAY HOUR
(W/O PATRICK FARM)

JOHN COLLINS ENGINEERS, P.C.
HAWTHORNE, NEW YORK

PROJECT NO. 1540 DATE: OCTOBER 2008 FIG. NO. 10

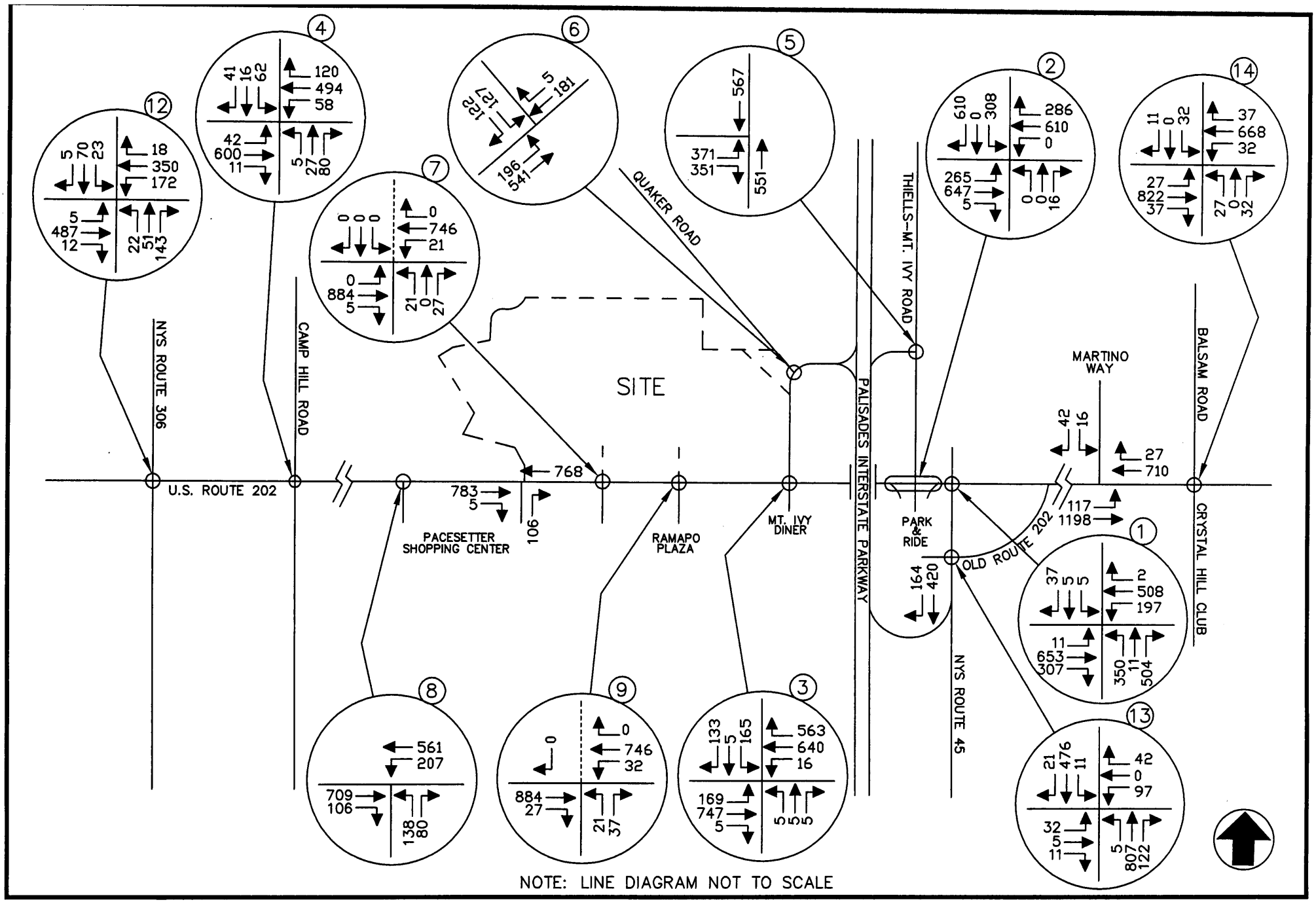


MINISCEONGO PARK
TOWN OF HAVERSTRAW/TOWN OF RAMAPO, NEW YORK

2011 NO-BUILD TRAFFIC VOLUMES
WEEKDAY PEAK AM HIGHWAY HOUR
(W/O PATRICK FARM)

JOHN COLLINS ENGINEERS, P.C.
HAWTHORNE, NEW YORK

PROJECT NO. 1540 DATE: OCTOBER 2008 FIG. NO. 11

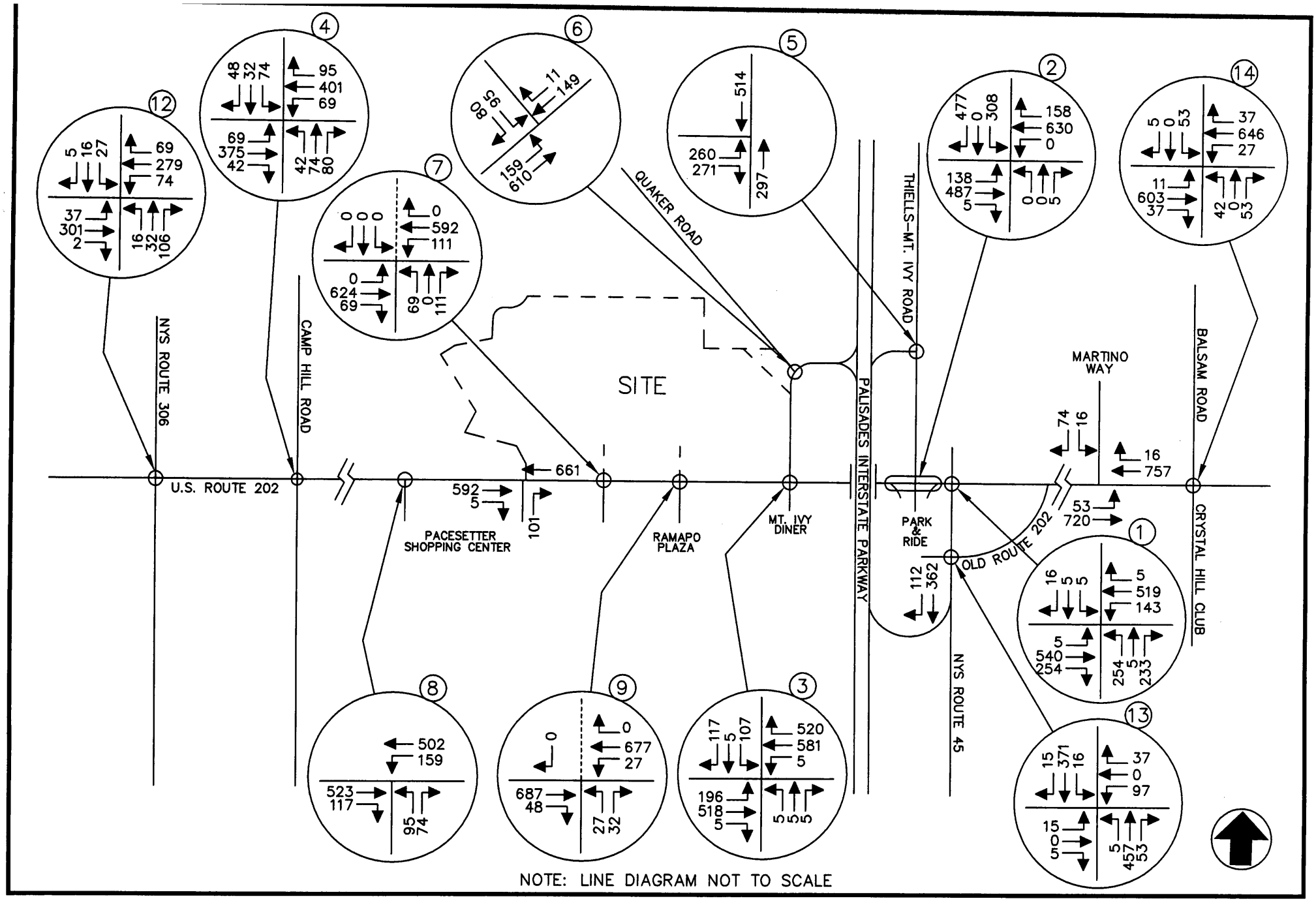


MINISCEONGO PARK
TOWN OF HAVERSTRAW/TOWN OF RAMAPO, NEW YORK

2011 NO-BUILD TRAFFIC VOLUMES
WEEKDAY PEAK PM HIGHWAY HOUR
(W/O PATRICK FARM)

JOHN COLLINS ENGINEERS, P.C.
HAWTHORNE, NEW YORK

PROJECT NO. 1540 DATE: OCTOBER 2008 FIG. NO. 12



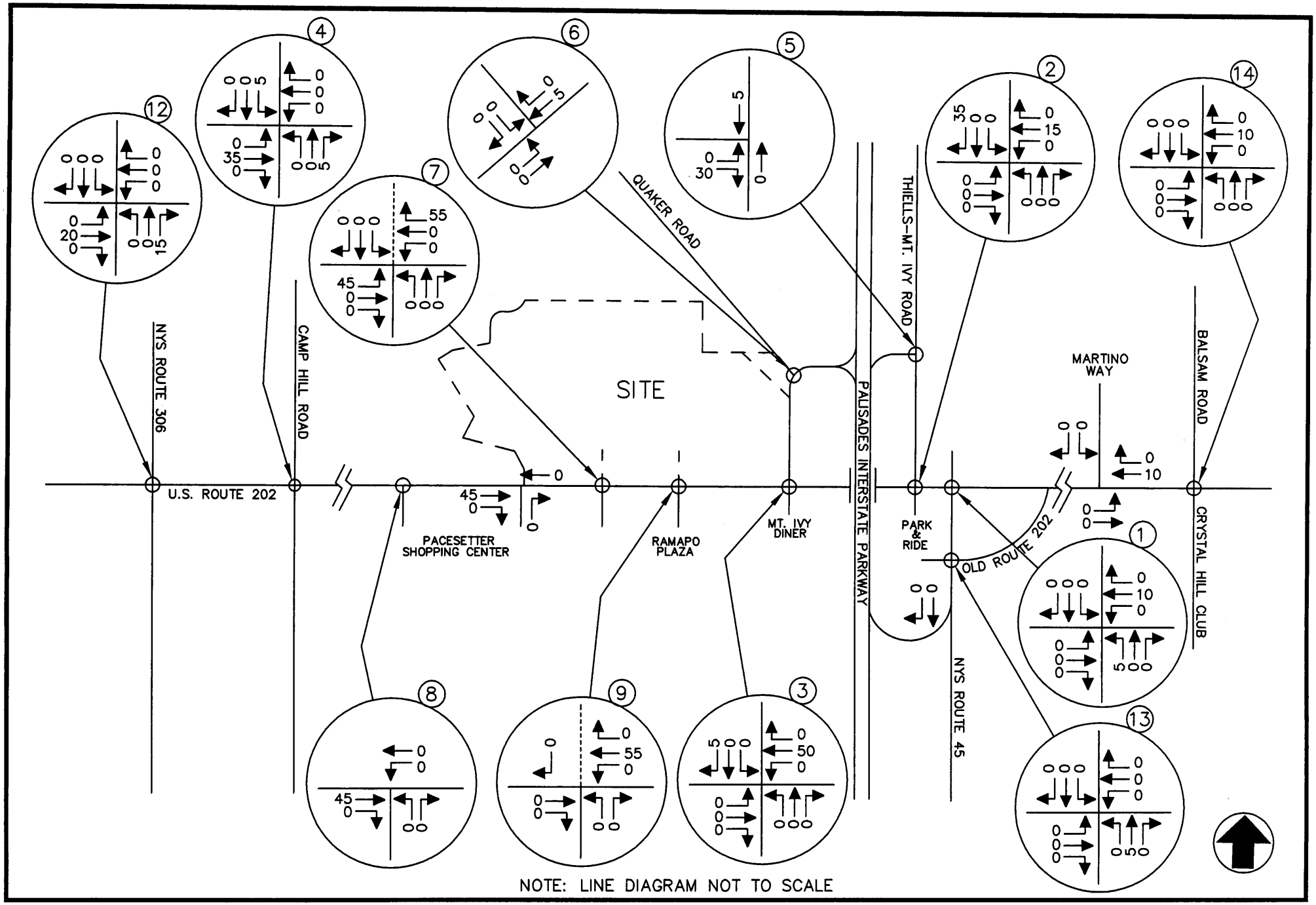
MINISCEONGO PARK
TOWN OF HAVERSTRAW/TOWN OF RAMAPO, NEW YORK

2011 NO-BUILD TRAFFIC VOLUMES
WEEKEND PEAK SATURDAY HIGHWAY HOUR

(W/O PATRICK FARM)

JOHN COLLINS ENGINEERS, P.C.
HAWTHORNE, NEW YORK

PROJECT NO. 1540 DATE: OCTOBER 2008 FIG. NO. 13

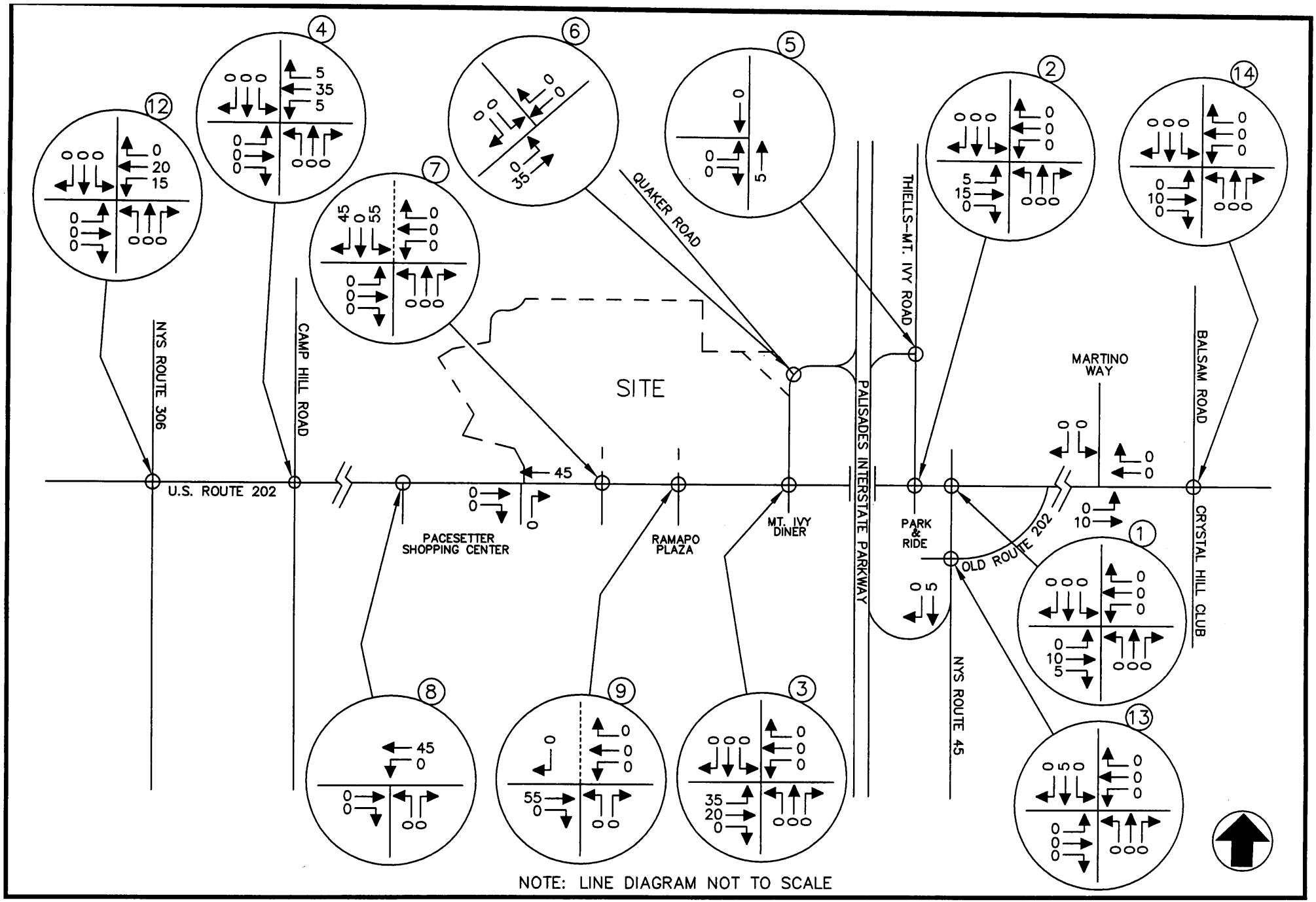


MINISCEONGO PARK
TOWN OF HAVERSTRAW/TOWN OF RAMAPO, NEW YORK

ARRIVAL DISTRIBUTION
(ALL VALUES EXPRESSED AS A %)
(RESIDENTIAL)

JOHN COLLINS ENGINEERS, P.C.
HAWTHORNE, NEW YORK

PROJECT NO. 1540 DATE: OCTOBER 2008 FIG. NO. 14

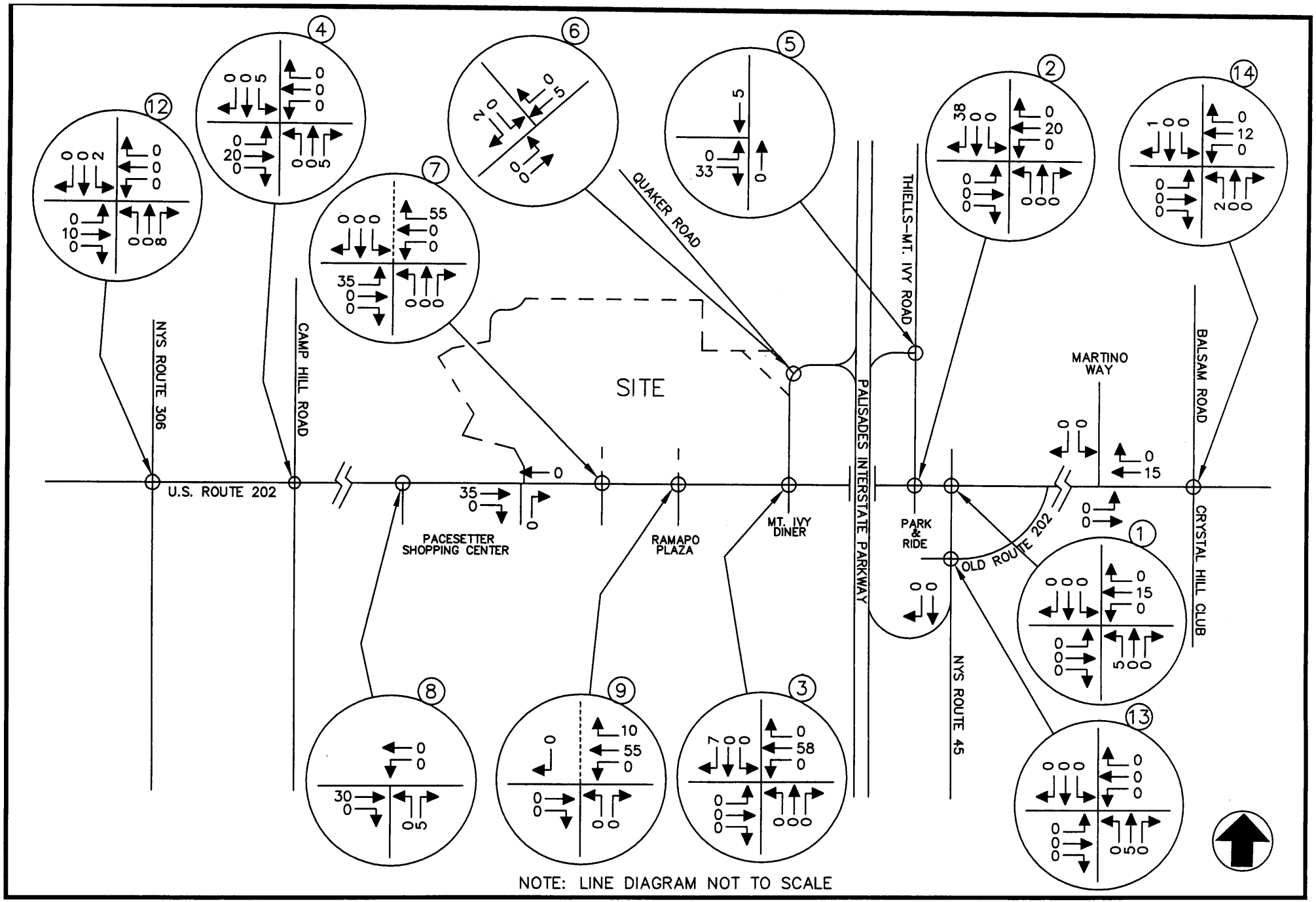


MINISCEONGO PARK
TOWN OF HAVERSTRAW/TOWN OF RAMAPO, NEW YORK

DEPARTURE DISTRIBUTION
(ALL VALUES EXPRESSED AS A %)
(RESIDENTIAL)

JOHN COLLINS ENGINEERS, P.C.
HAWTHORNE, NEW YORK

PROJECT NO. 1540 DATE: OCTOBER 2008 FIG. NO. 15

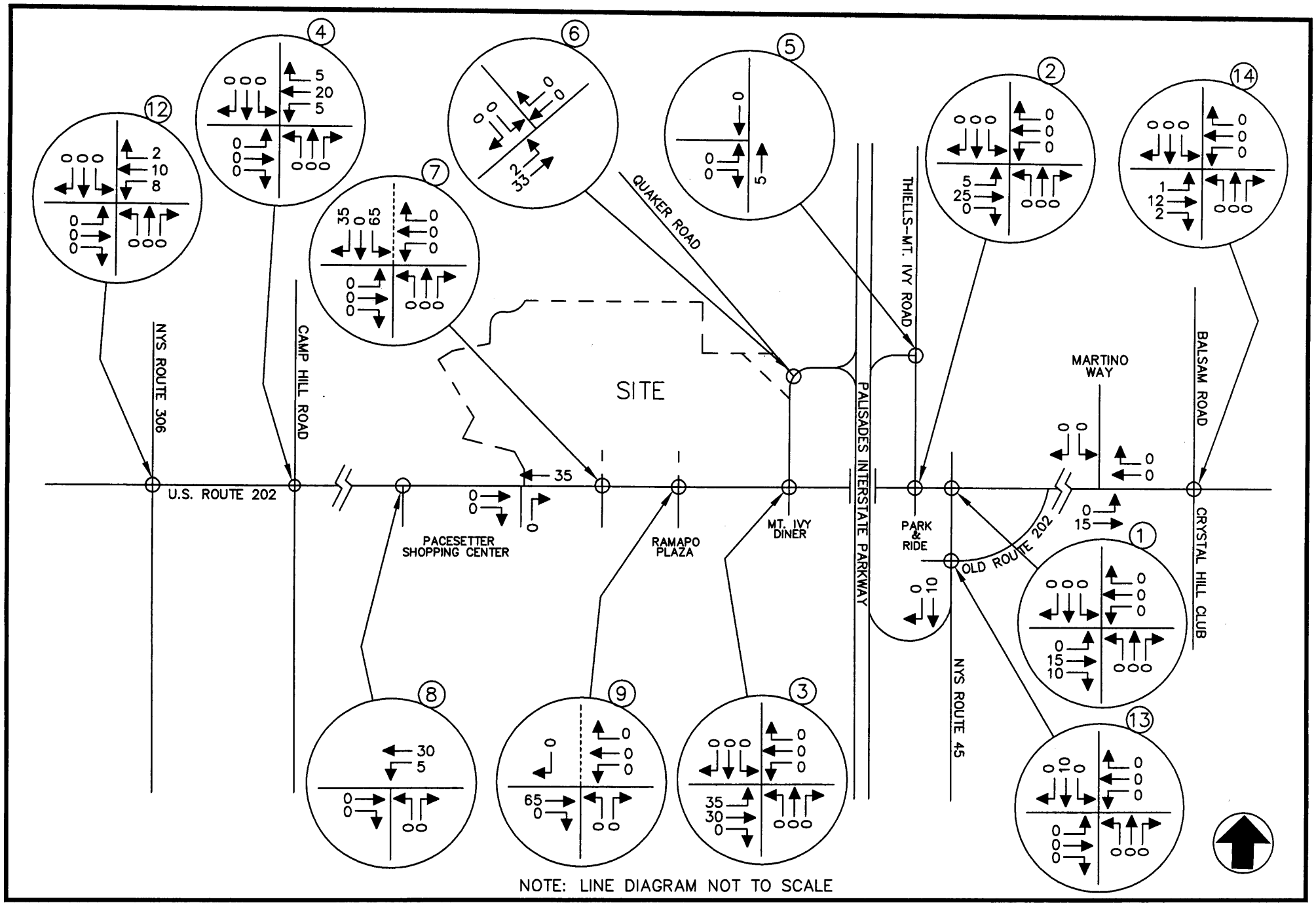


MINISCEONGO PARK
TOWN OF HAVERSTRAW/TOWN OF RAMAPO, NEW YORK

ARRIVAL DISTRIBUTION
(ALL VALUES EXPRESSED AS A %)
(RETAIL)

JOHN COLLINS ENGINEERS, P.C.
HAWTHORNE, NEW YORK

PROJECT NO. 1540 DATE: OCTOBER 2008 FIG. NO. 16

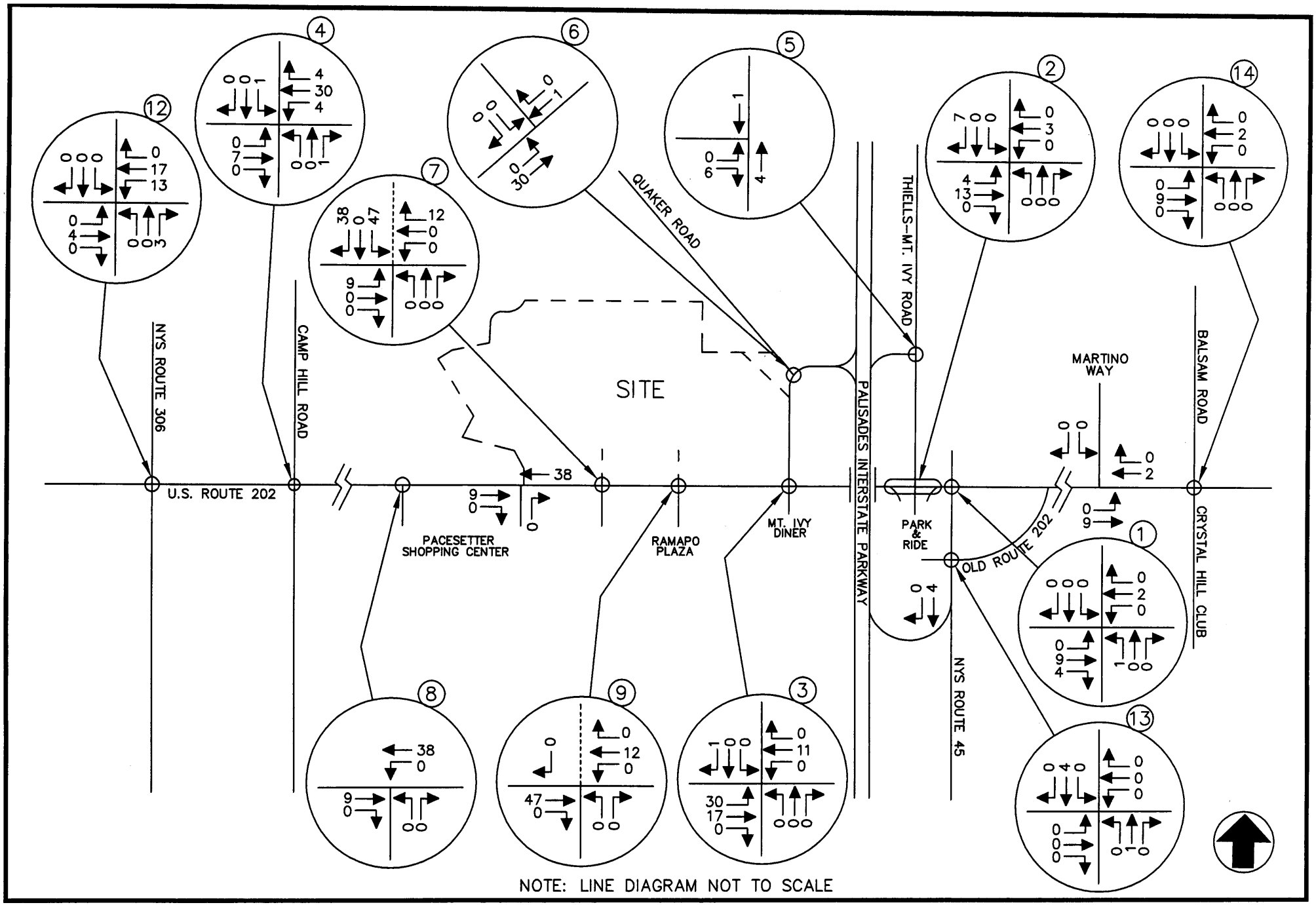


MINISCEONGO PARK
TOWN OF HAVERSTRAW/TOWN OF RAMAPO, NEW YORK

DEPARTURE DISTRIBUTION
(ALL VALUES EXPRESSED AS A %)
(RETAIL)

JOHN COLLINS ENGINEERS, P.C.
HAWTHORNE, NEW YORK

PROJECT NO. 1540 DATE: OCTOBER 2008 FIG. NO. 17

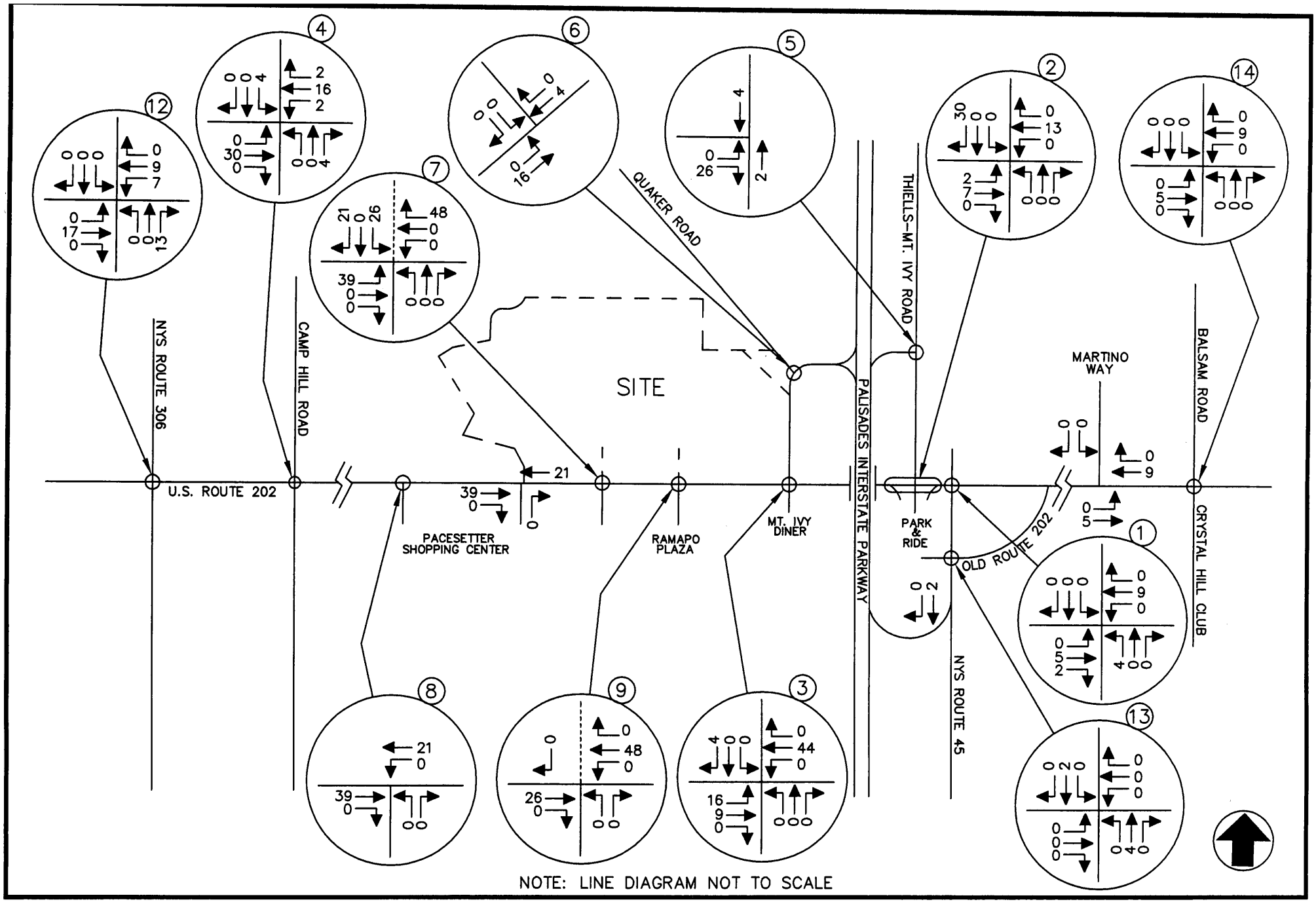


MINISCEONGO PARK
TOWN OF HAVERSTRAW/TOWN OF RAMAPO, NEW YORK

SITE GENERATED TRAFFIC VOLUMES
WEEKDAY PEAK AM HIGHWAY HOUR
(RESIDENTIAL)

JOHN COLLINS ENGINEERS, P.C.
HAWTHORNE, NEW YORK

PROJECT NO. 1540 DATE: OCTOBER 2008 FIG. NO. 18

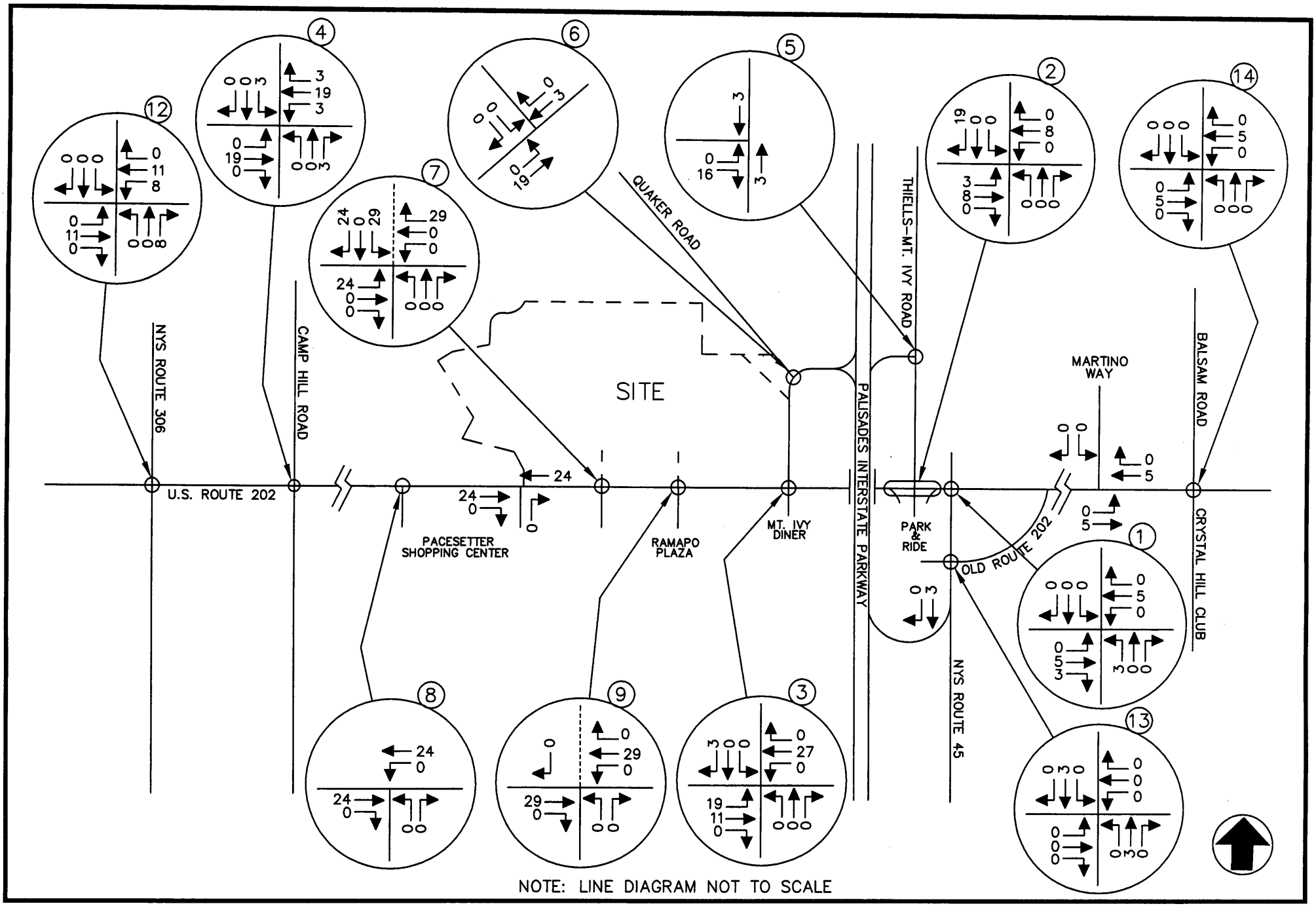


MINISCEONGO PARK
TOWN OF HAVERSTRAW/TOWN OF RAMAPO, NEW YORK

SITE GENERATED TRAFFIC VOLUMES
WEEKDAY PEAK PM HIGHWAY HOUR
(RESIDENTIAL)

JOHN COLLINS ENGINEERS, P.C.
HAWTHORNE, NEW YORK

PROJECT NO. 1540 DATE: OCTOBER 2008 FIG. NO. 19

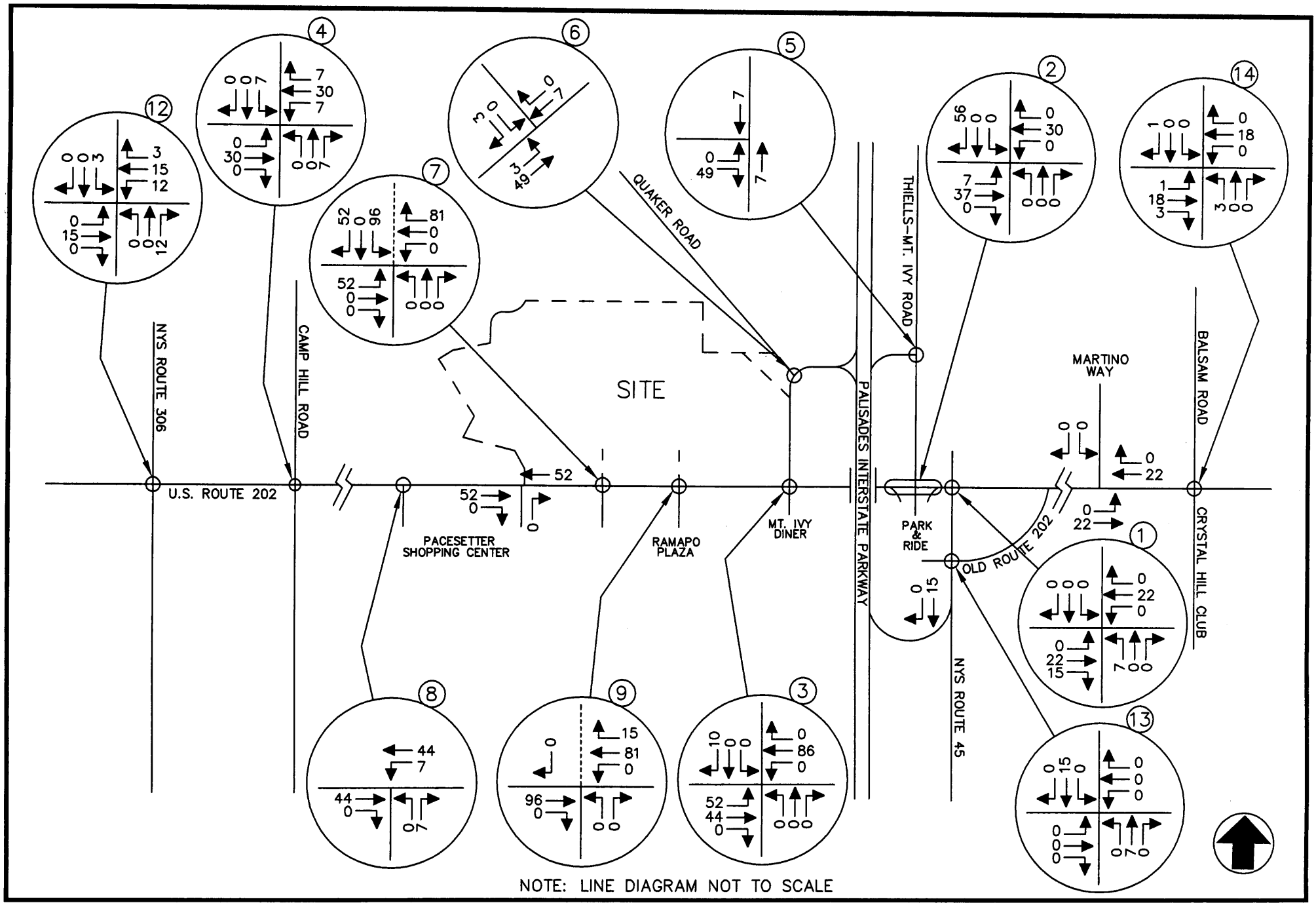


MINISCEONGO PARK
TOWN OF HAVERSTRAW/TOWN OF RAMAPO, NEW YORK

SITE GENERATED TRAFFIC VOLUMES
WEEKEND PEAK SATURDAY HIGHWAY HOUR
(RESIDENTIAL)

JOHN COLLINS ENGINEERS, P.C.
HAWTHORNE, NEW YORK

PROJECT NO. 1540 DATE: OCTOBER 2008 FIG. NO. 20

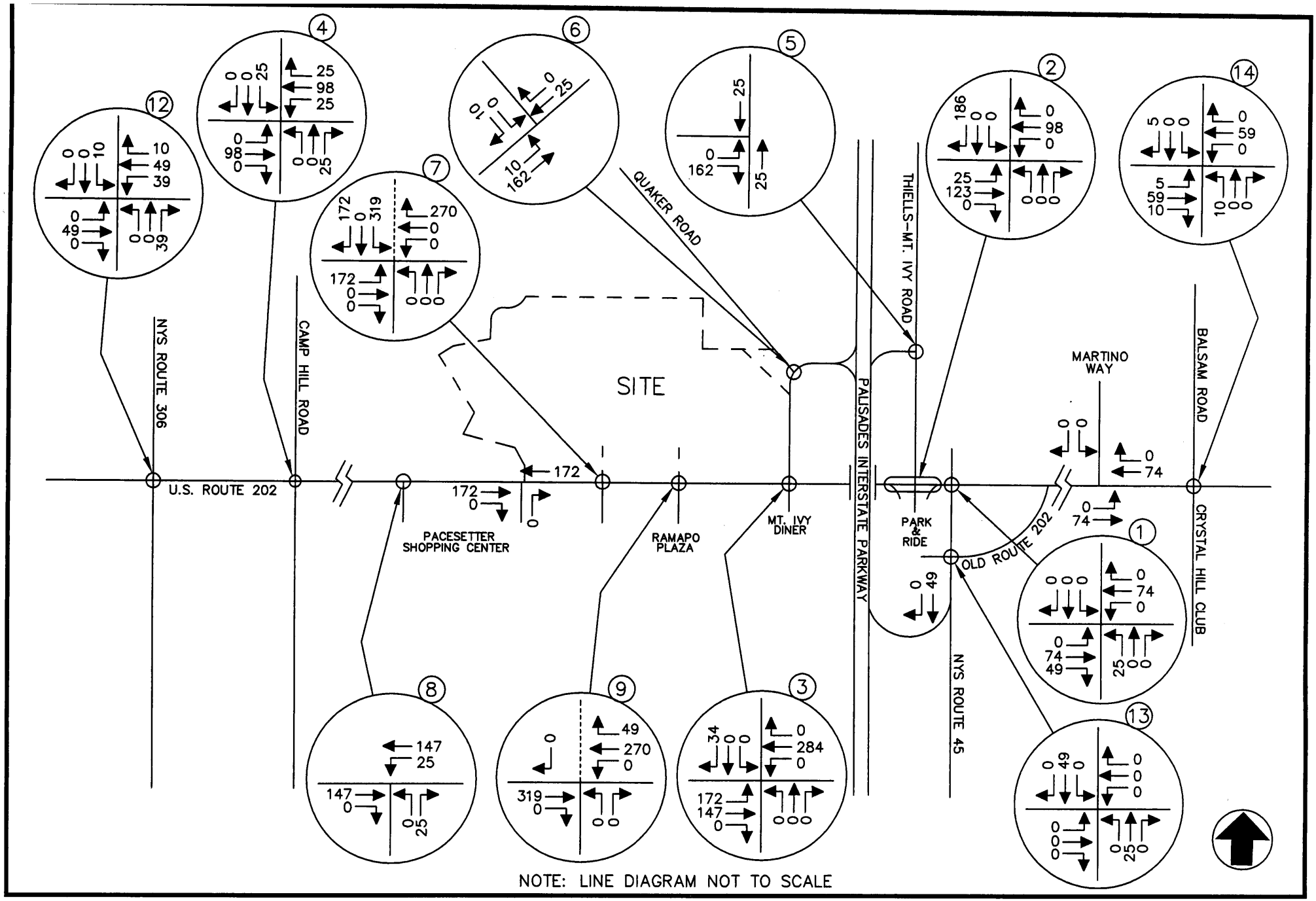


MINISCEONGO PARK
TOWN OF HAVERSTRAW/TOWN OF RAMAPO, NEW YORK

SITE GENERATED TRAFFIC VOLUMES
WEEKDAY PEAK AM HIGHWAY HOUR
(RETAIL)

JOHN COLLINS ENGINEERS, P.C.
HAWTHORNE, NEW YORK

PROJECT NO. 1540 DATE: OCTOBER 2008 FIG. NO. 21

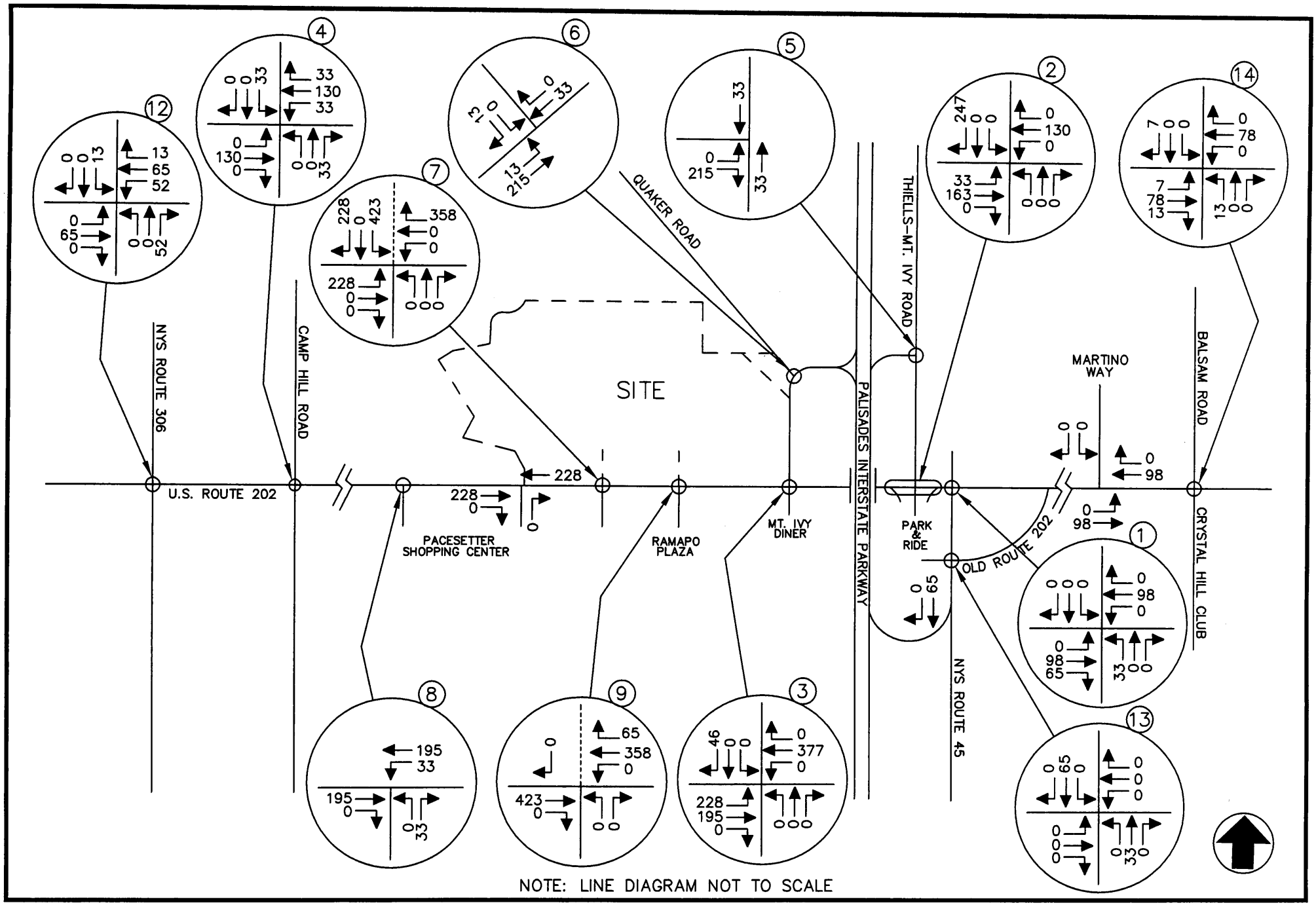


MINISCEONGO PARK
TOWN OF HAVERSTRAW/TOWN OF RAMAPO, NEW YORK

SITE GENERATED TRAFFIC VOLUMES
WEEKDAY PEAK PM HIGHWAY HOUR
(RETAIL)

JOHN COLLINS ENGINEERS, P.C.
HAWTHORNE, NEW YORK

PROJECT NO. 1540 DATE: OCTOBER 2008 FIG. NO. 22

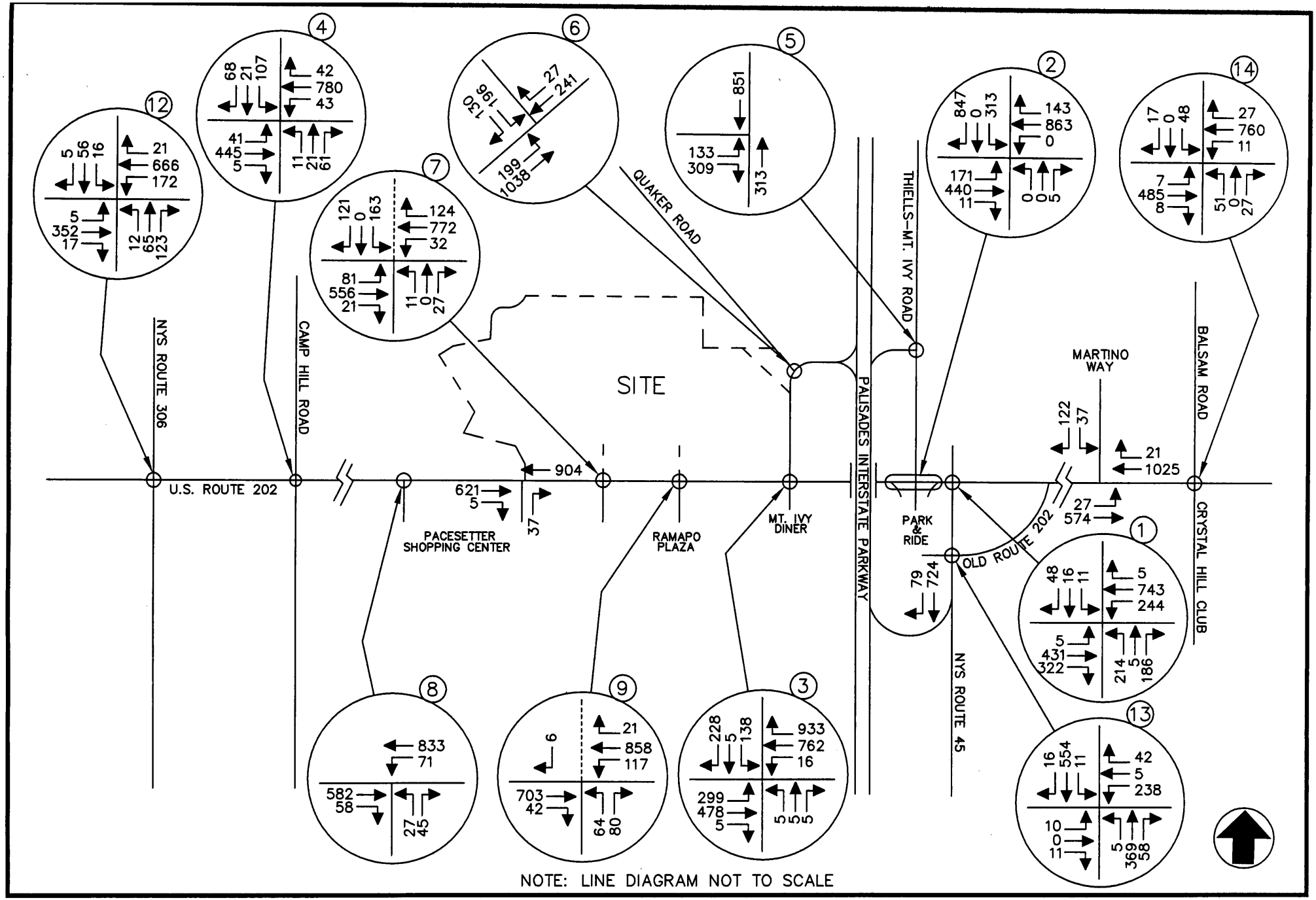


MINISCEONGO PARK
TOWN OF HAVERSTRAW/TOWN OF RAMAPO, NEW YORK

SITE GENERATED TRAFFIC VOLUMES
WEEKEND PEAK SATURDAY HIGHWAY HOUR
(RETAIL)

JOHN COLLINS ENGINEERS, P.C.
HAWTHORNE, NEW YORK

PROJECT NO. 1540 DATE: OCTOBER 2008 FIG. NO. 23

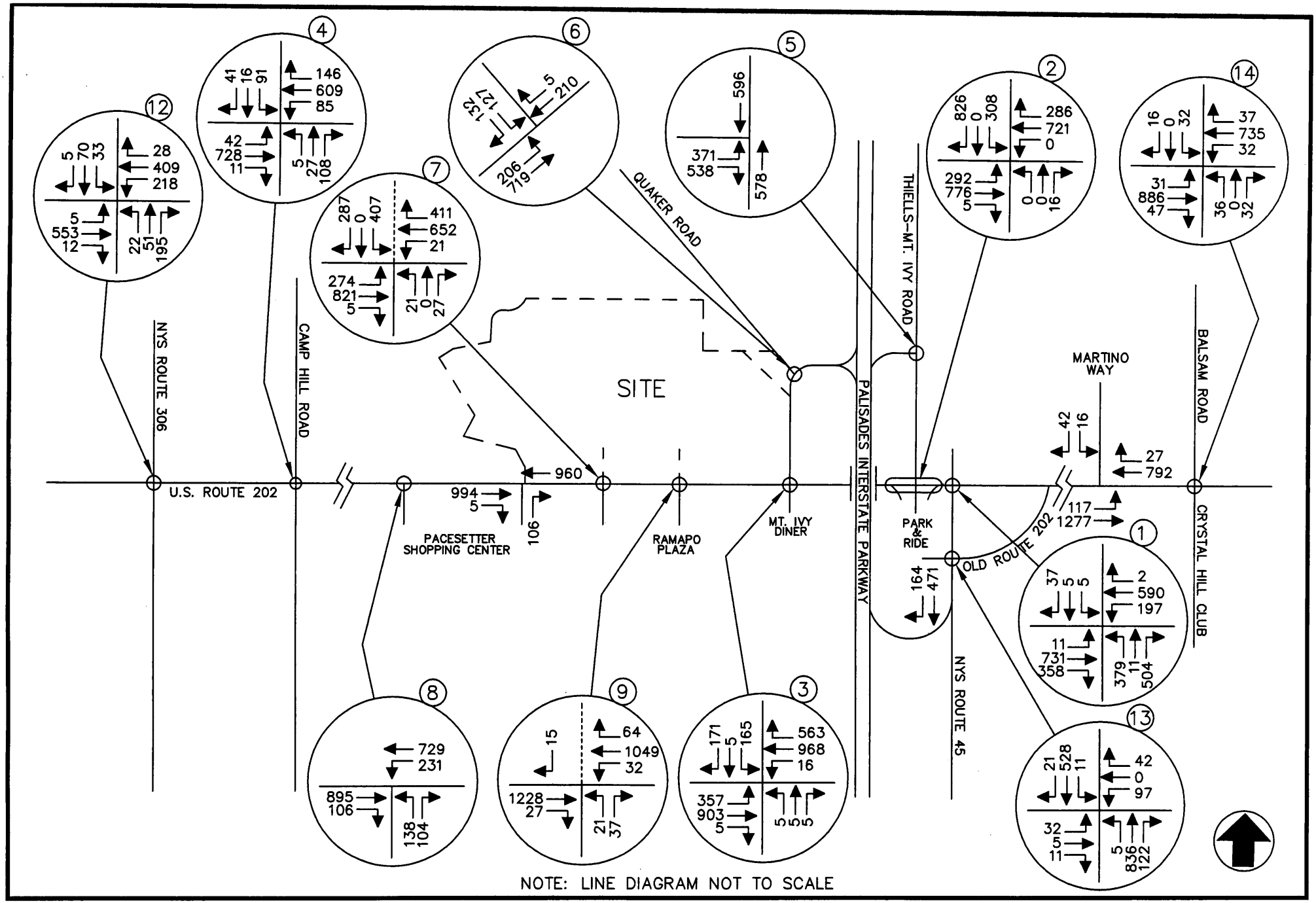


MINISCEONGO PARK
TOWN OF HAVERSTRAW/TOWN OF RAMAPO, NEW YORK

2011 BUILD TRAFFIC VOLUMES
WEEKDAY PEAK AM HIGHWAY HOUR
(W/O PATRICK FARM)

JOHN COLLINS ENGINEERS, P.C.
HAWTHORNE, NEW YORK

PROJECT NO. 1540 DATE: OCTOBER 2008 FIG. NO. 24

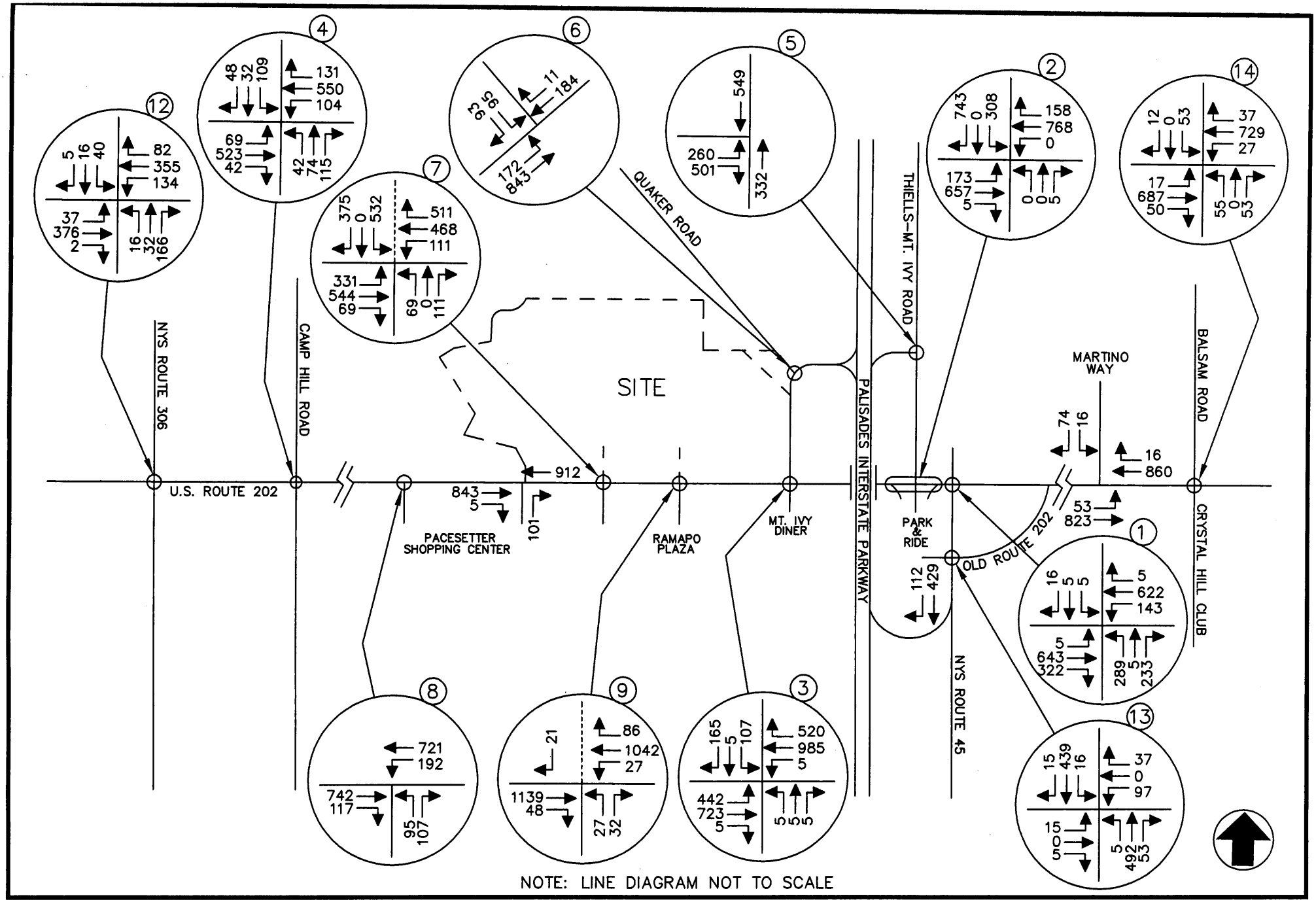


MINISCEONGO PARK
TOWN OF HAVERSTRAW/TOWN OF RAMAPO, NEW YORK

2011 BUILD TRAFFIC VOLUMES
WEEKDAY PEAK PM HIGHWAY HOUR
(W/O PATRICK FARM)

JOHN COLLINS ENGINEERS, P.C.
HAWTHORNE, NEW YORK

PROJECT NO. 1540 DATE: OCTOBER 2008 FIG. NO. 25

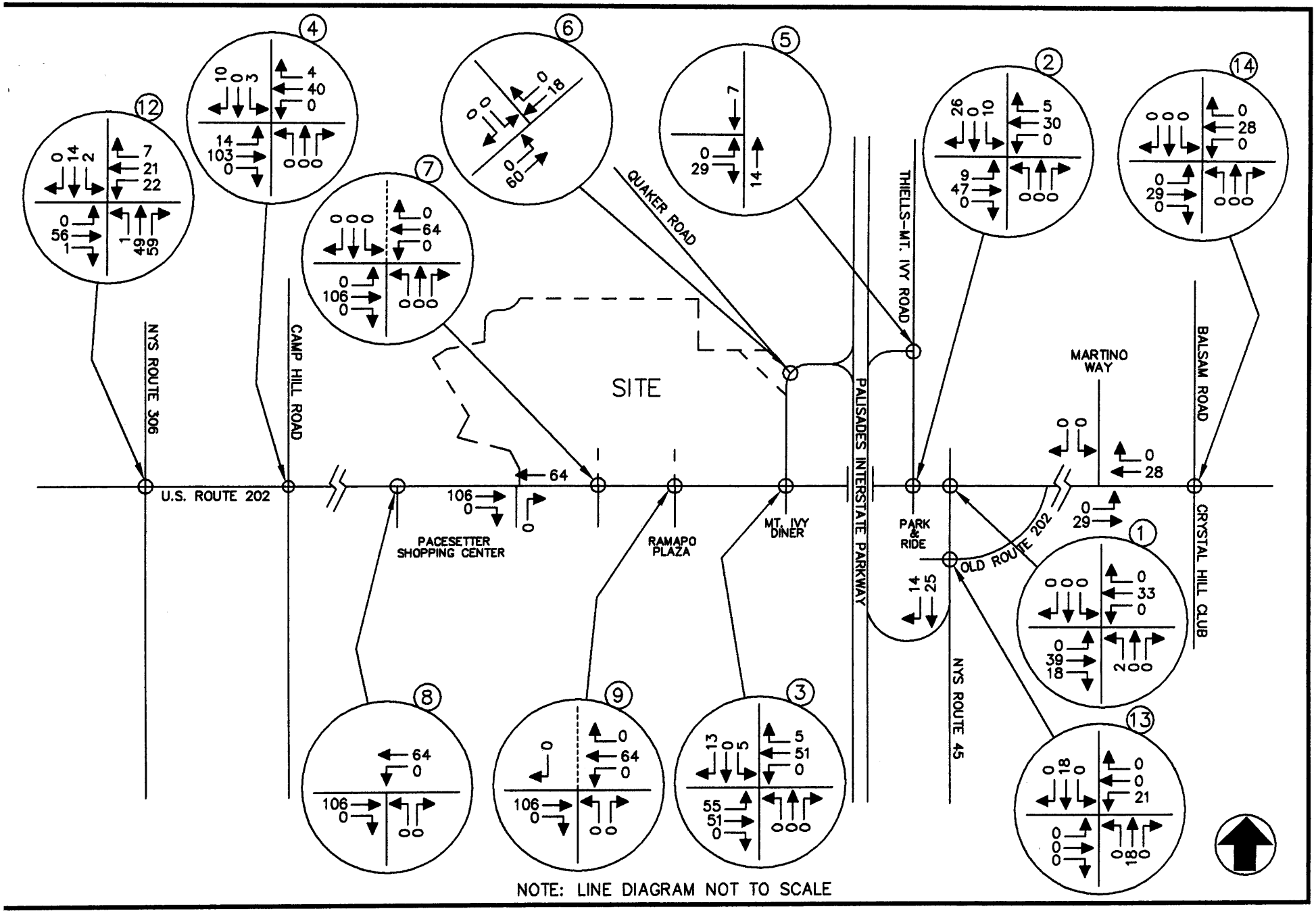


MINISCEONGO PARK
TOWN OF HAVERSTRAW/TOWN OF RAMAPO, NEW YORK

2011 BUILD TRAFFIC VOLUMES
WEEKEND PEAK SATURDAY HIGHWAY HOUR
(W/O PATRICK FARM)

JOHN COLLINS ENGINEERS, P.C.
HAWTHORNE, NEW YORK

PROJECT NO. 1540 DATE: OCTOBER 2008 FIG. NO. 26

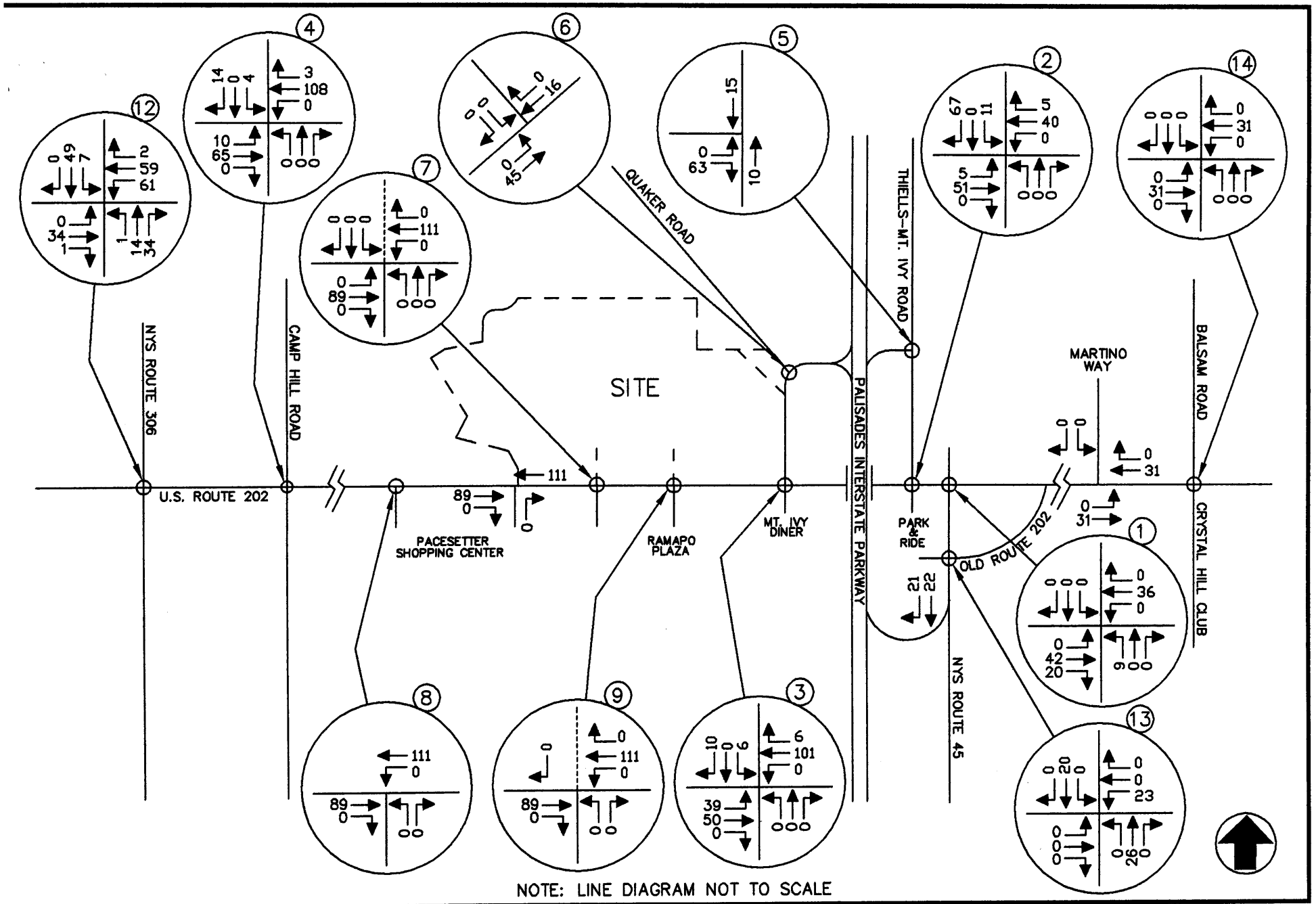


MINISCEONGO PARK
TOWN OF HAVERSTRAW/TOWN OF RAMAPO, NEW YORK

OTHER DEVELOPMENT TRAFFIC VOLUMES
WEEKDAY PEAK AM HIGHWAY HOUR
(WITH PATRICK FARM)

JOHN COLLINS ENGINEERS, P.C.
HAWTHORNE, NEW YORK

PROJECT NO. 1540 DATE: OCTOBER 2008 FIG. NO. 27

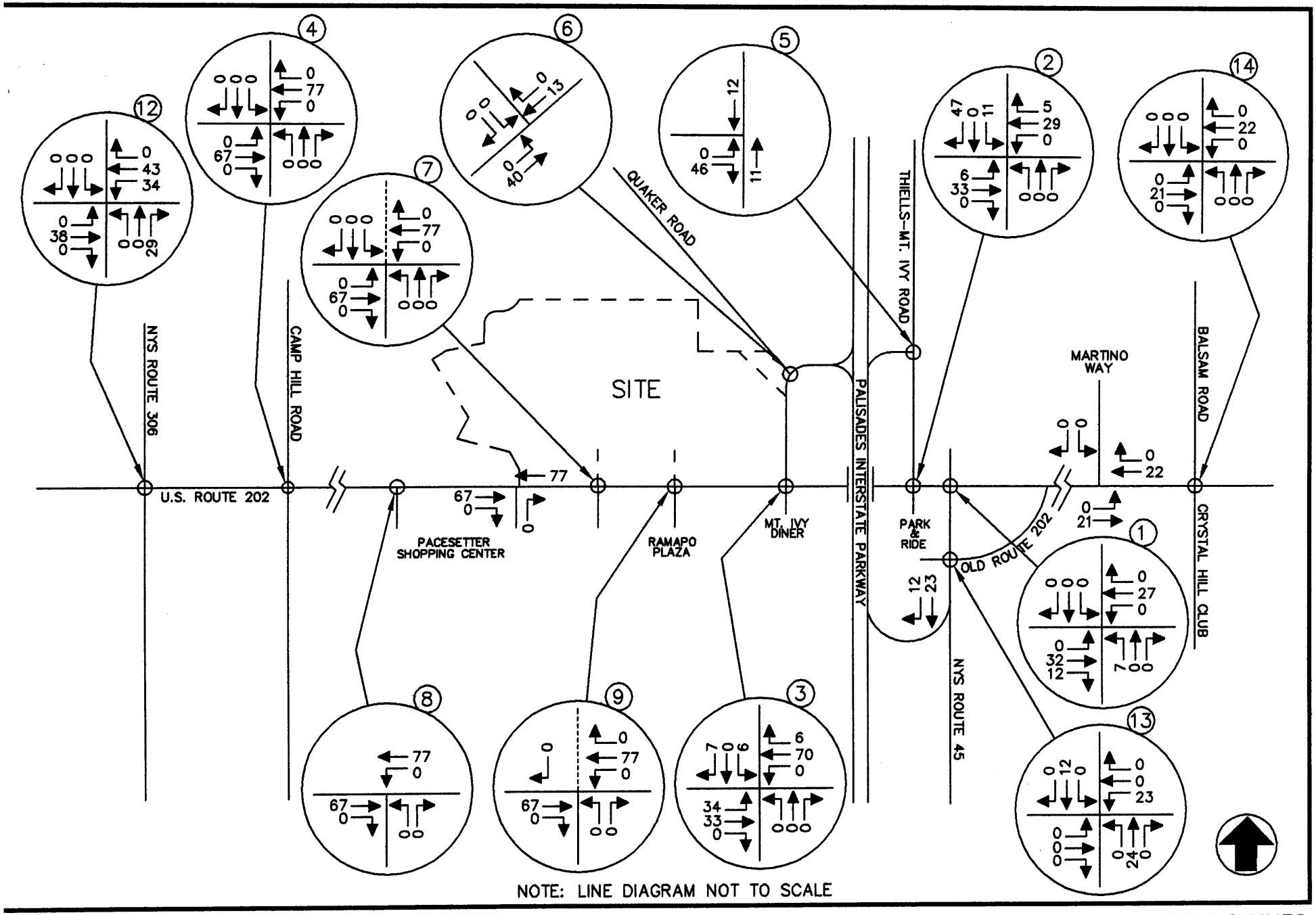


MINISCEONGO PARK
TOWN OF HAVERSTRAW/TOWN OF RAMAPO, NEW YORK

OTHER DEVELOPMENT TRAFFIC VOLUMES
WEEKDAY PEAK PM HIGHWAY HOUR
(WITH PATRICK FARM)

JOHN COLLINS ENGINEERS, P.C.
HAWTHORNE, NEW YORK

PROJECT NO. 1540 DATE: OCTOBER 2008 FIG. NO. 28

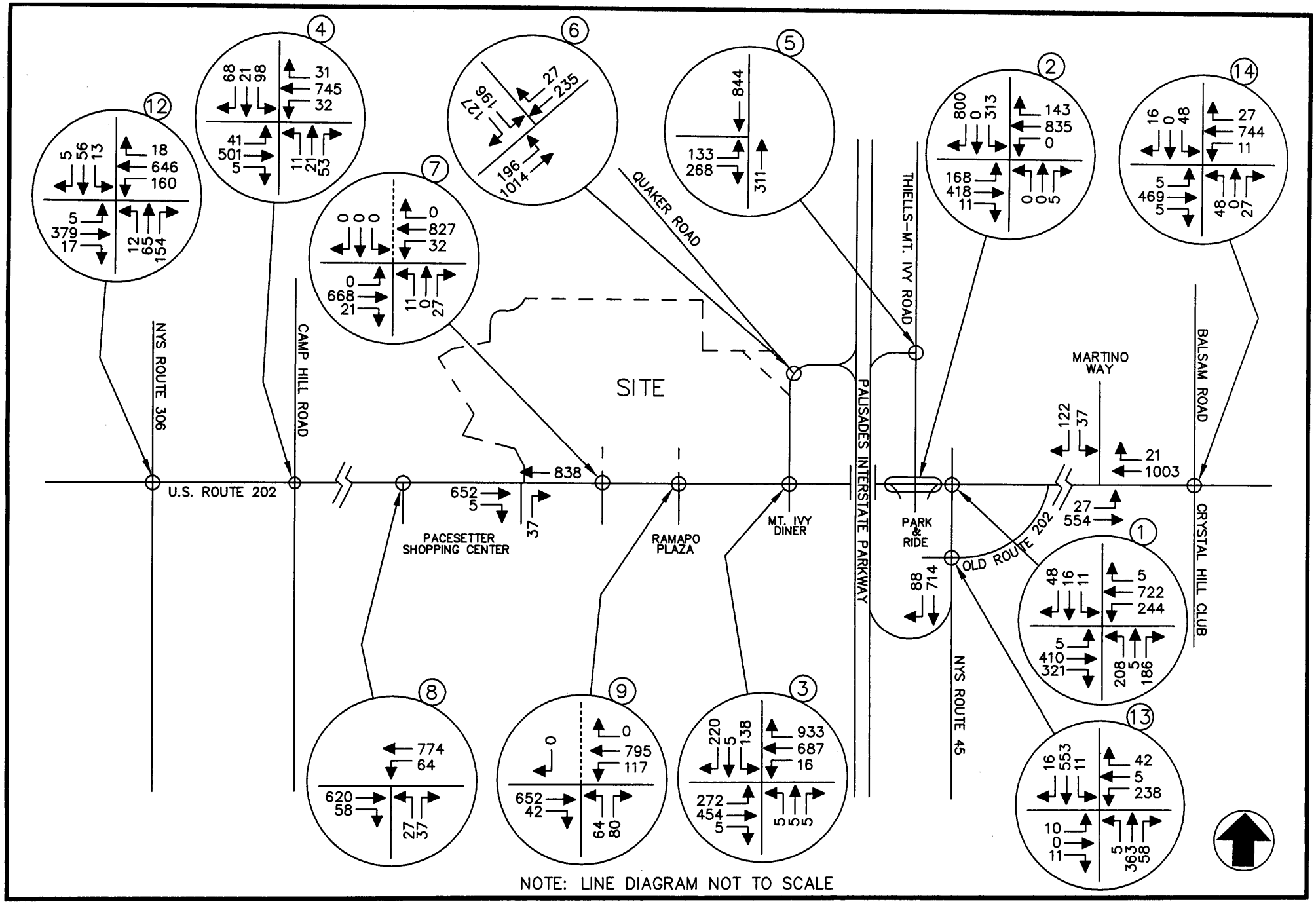


MINISCEONGO PARK
TOWN OF HAVERSTRAW/TOWN OF RAMAPO, NEW YORK

OTHER DEVELOPMENT TRAFFIC VOLUMES
WEEKEND PEAK SATURDAY HIGHWAY HOUR
(WITH PATRICK FARM)

JOHN COLLINS ENGINEERS, P.C.
HAWTHORNE, NEW YORK

PROJECT NO. 1540 DATE: OCTOBER 2008 FIG. NO. 29

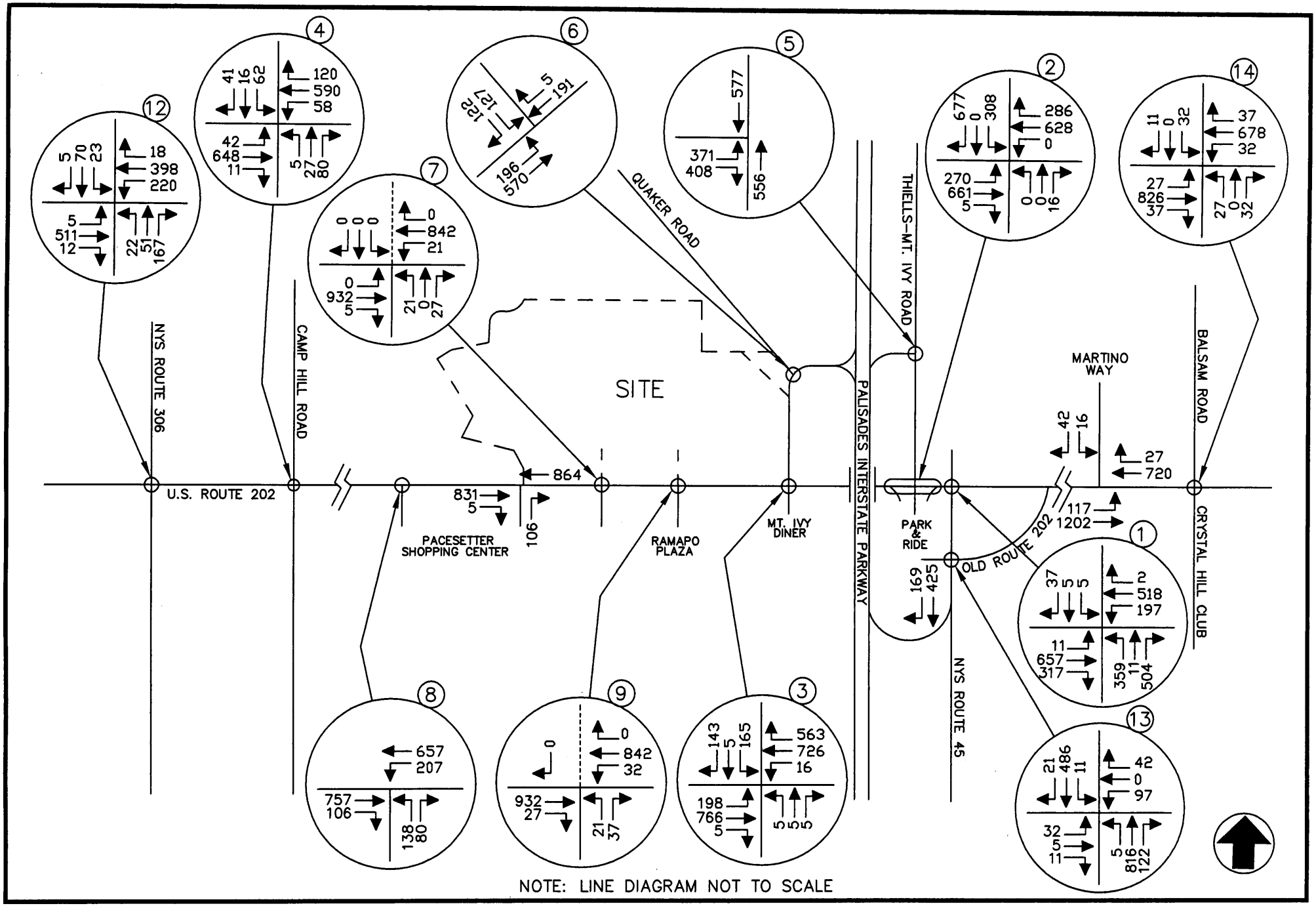


MINISCEONGO PARK
TOWN OF HAVERSTRAW/TOWN OF RAMAPO, NEW YORK

2011 NO-BUILD TRAFFIC VOLUMES
WEEKDAY PEAK AM HIGHWAY HOUR
(WITH PATRICK FARM)

JOHN COLLINS ENGINEERS, P.C.
HAWTHORNE, NEW YORK

PROJECT NO. 1540 DATE: OCTOBER 2008 FIG. NO. 30

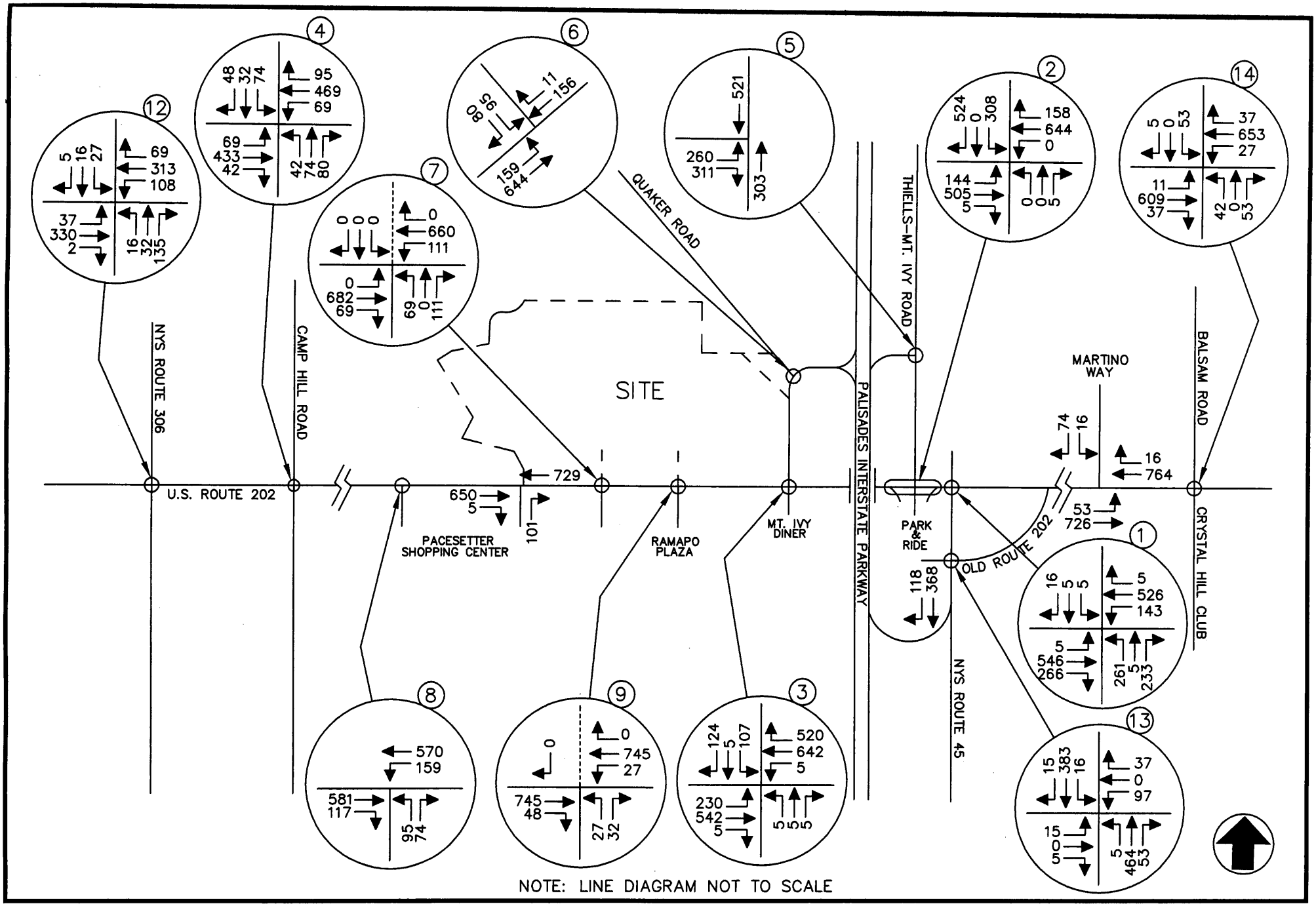


MINISCEONGO PARK
TOWN OF HAVERSTRAW/TOWN OF RAMAPO, NEW YORK

2011 NO-BUILD TRAFFIC VOLUMES
WEEKDAY PEAK PM HIGHWAY HOUR
(WITH PATRICK FARM)

JOHN COLLINS ENGINEERS, P.C.
HAWTHORNE, NEW YORK

PROJECT NO. 1540 DATE: OCTOBER 2008 FIG. NO. 31

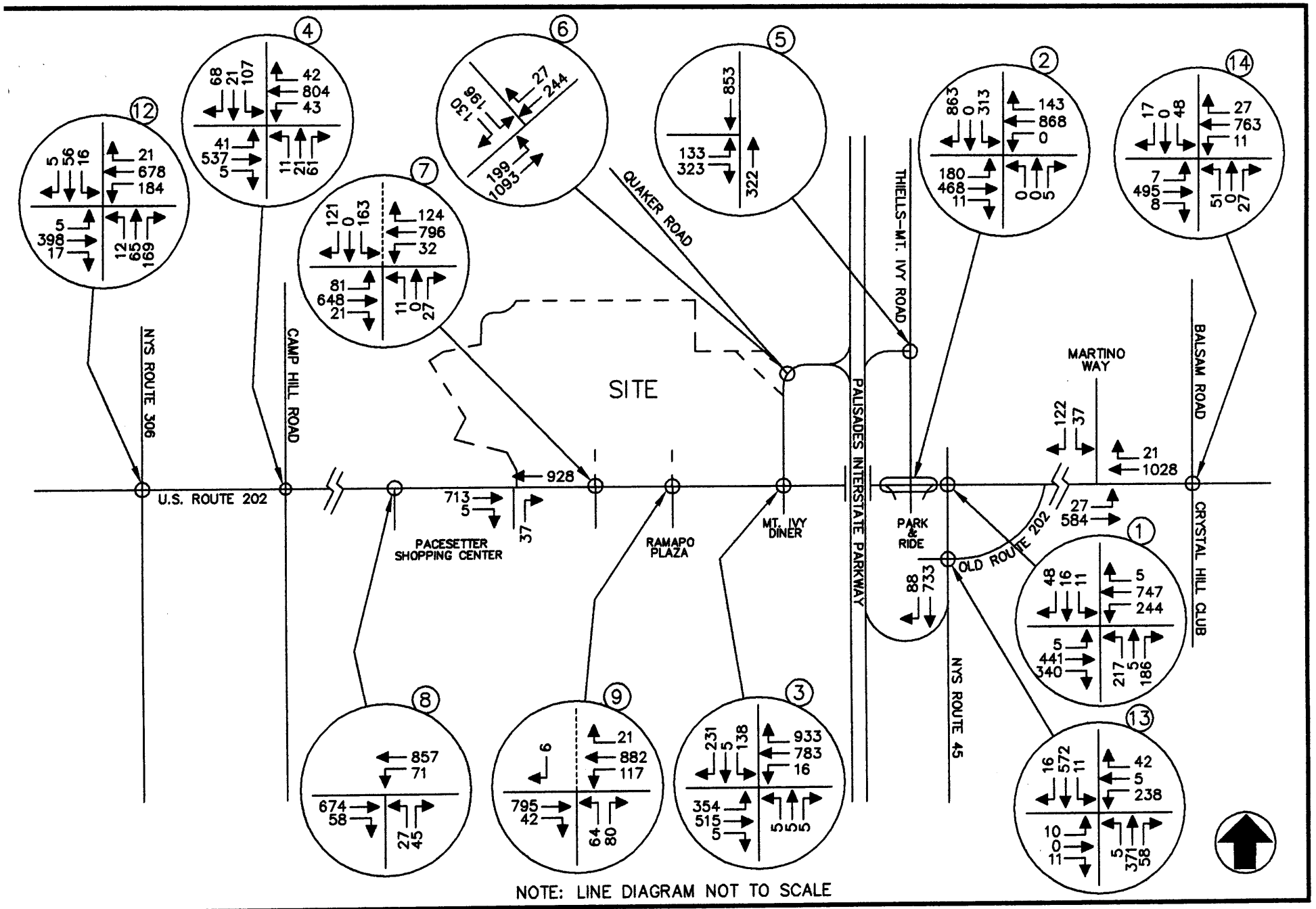


MINISCEONGO PARK
TOWN OF HAVERSTRAW/TOWN OF RAMAPO, NEW YORK

2011 NO-BUILD TRAFFIC VOLUMES
WEEKEND PEAK SATURDAY HIGHWAY HOUR
(WITH PATRICK FARM)

JOHN COLLINS ENGINEERS, P.C.
HAWTHORNE, NEW YORK

PROJECT NO. 1540 DATE: OCTOBER 2008 FIG. NO. 32

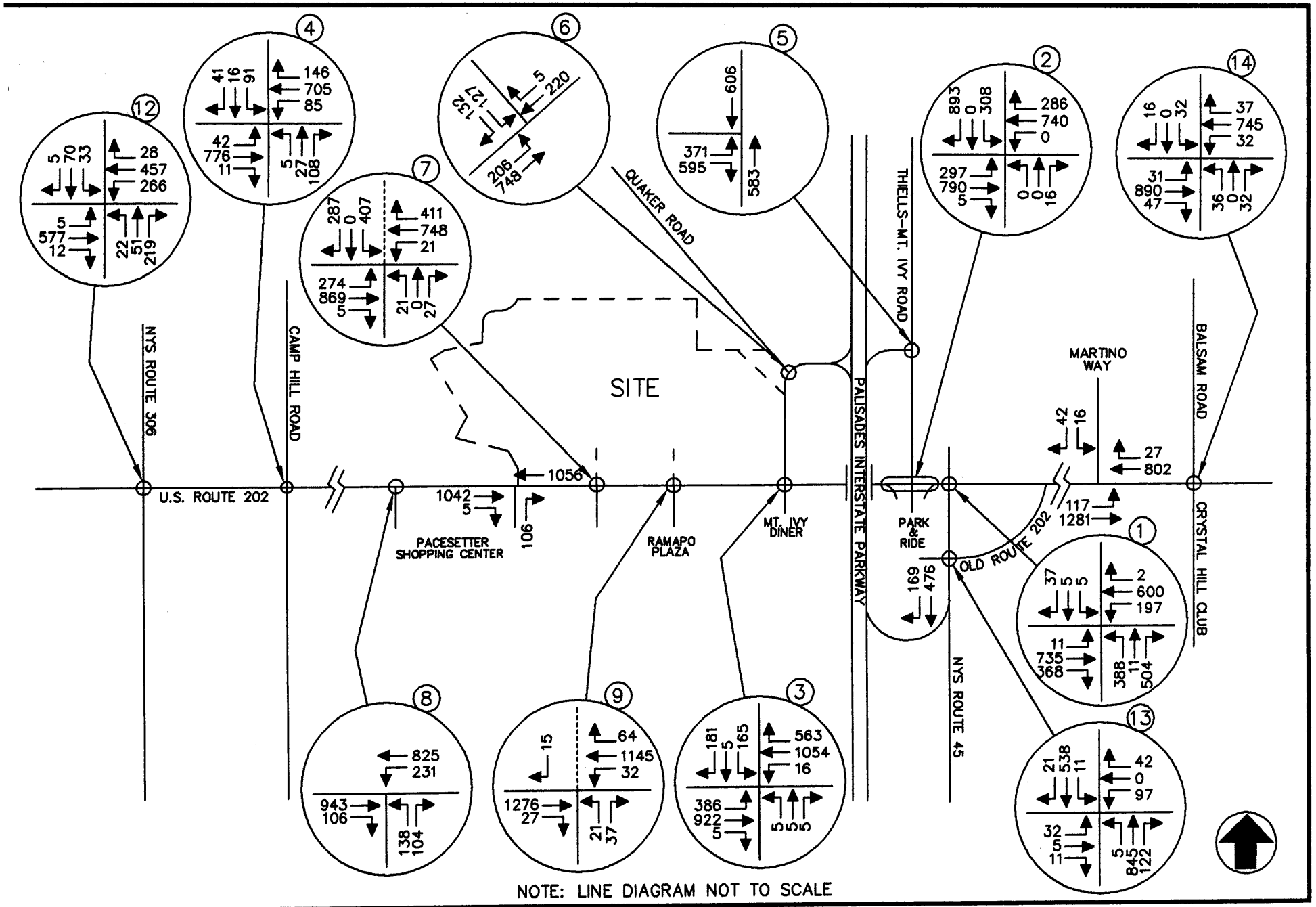


MINISCEONGO PARK
TOWN OF HAVERSTRAW/TOWN OF RAMAPO, NEW YORK

2011 BUILD TRAFFIC VOLUMES
WEEKDAY PEAK AM HIGHWAY HOUR
(WITH PATRICK FARM)

JOHN COLLINS ENGINEERS, P.C.
HAWTHORNE, NEW YORK

PROJECT NO. 1540 DATE: OCTOBER 2008 FIG. NO. 33

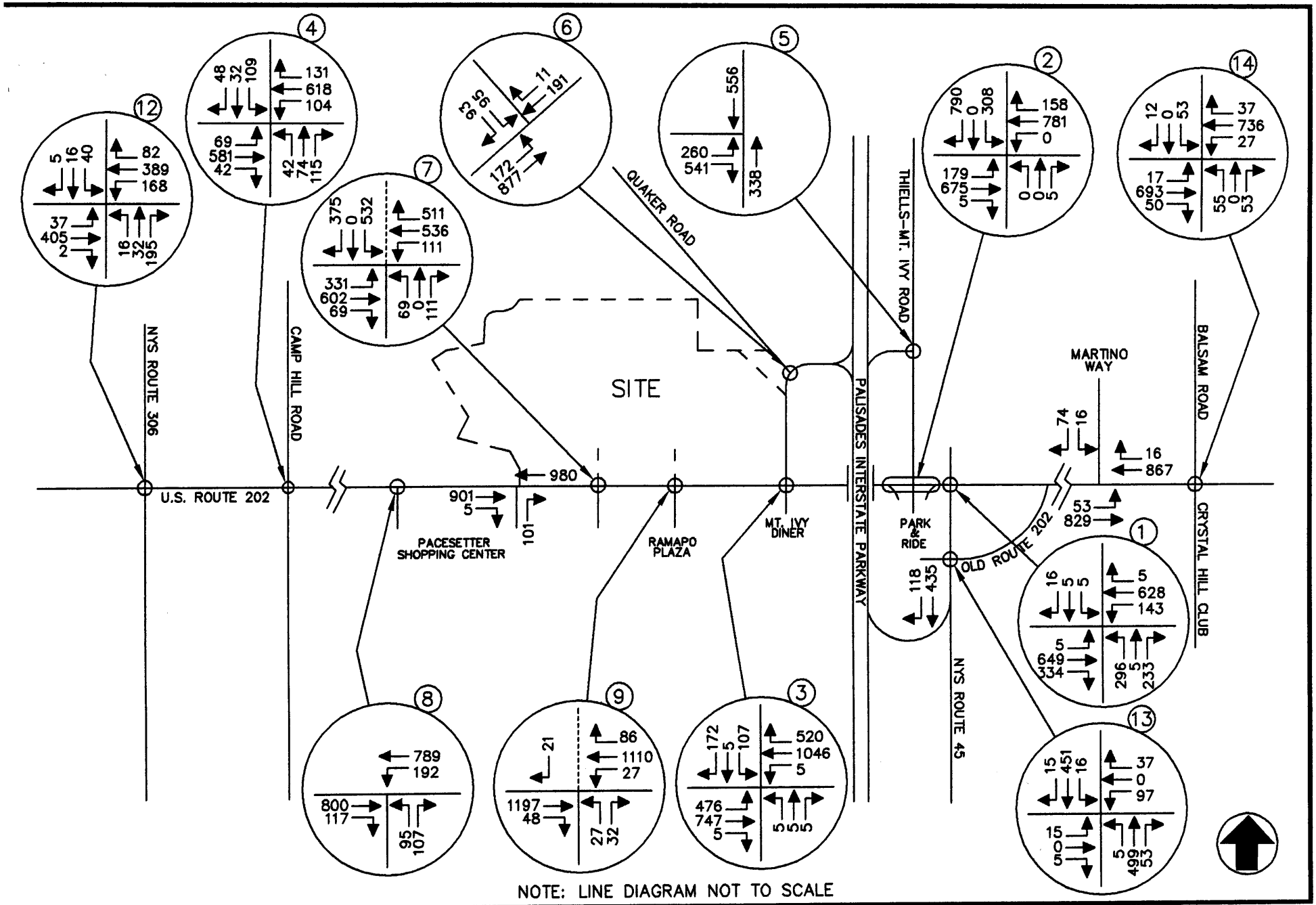


MINISCEONGO PARK
TOWN OF HAVERSTRAW/TOWN OF RAMAPO, NEW YORK

2011 BUILD TRAFFIC VOLUMES
WEEKDAY PEAK PM HIGHWAY HOUR
(WITH PATRICK FARM)

JOHN COLLINS ENGINEERS, P.C.
HAWTHORNE, NEW YORK

PROJECT NO. 1540 DATE: OCTOBER 2008 FIG. NO. 34



MINISCEONGO PARK
TOWN OF HAVERSTRAW/TOWN OF RAMAPO, NEW YORK

2011 BUILD TRAFFIC VOLUMES
WEEKEND PEAK SATURDAY HIGHWAY HOUR
(WITH PATRICK FARM)

JOHN COLLINS ENGINEERS, P.C.
HAWTHORNE, NEW YORK

PROJECT NO. 1540 DATE: OCTOBER 2008 FIG. NO. 35

BUILDING C

MINISCEONGO CREEK

LIMIT OF WETLAND AS LOCATED ON MAY 11, 2006

TL 25.18-2-2
N/F BARR LABORATORIES, INC.

BUILDING B

BUILDING A

NO PARKING LOADING DOCK AREA

NORTHWOOD SFT DETP WATER QUALITY POOL

FOREBAY

SOUTH POND
4FT DEEP WATER QUALITY POOL

PROPOSED RECREATIONAL AREA 8,000 SQ. FT.

BUILDING 5

BUILDING 1

BUILDING 4

BUILDING 3

BUILDING 2

BUILDING G

MONUMENT DIRECTORY SIGN

BUILDING F

BUILDING D

BUILDING E

LISTING PYLON

SOUTH MINISCEONGO BRANCH CREEK

100' BUFFER

50' BUFFER

EXISTING SWALE

PROPOSED SWALE

CONTROL STRUCTURE

HEADWALL

220'

205'

542'

413'

MODIFY INTERSECTION STRIPING (FAIR SHARE CONTRIBUTION ONLY)

INTERSTATE

PALISADES

PARKWAY

TOWN OF RAMAPO

VILLAGE OF HAVERSTRAW

MT IVY ROAD

CO. HWY.

DARIAN

CHARLES LANE

PALISADES INTERSTATE PARKWAY

ACCESS ROAD

TL 55-1-19 ET AL
N/F STATE OF NEW YORK
(PALISADES INTERSTATE PARKWAY)

TL 25.18-2-6
N/F NEW YORK STATE

RECONSTRUCT RAMP APPROACH FOR SIGNAL CONTROL

MONUMENT SIGN LOCATION

TL 33.06-1-6
N/F PJDS

P.I.P. OVERPASS

MT. IVY RD

U.S. RTE. 202

CONSTRUCT THREE LANE/ EXIT DRIVE

EXTEND EXISTING CULVERT

WIDEN TO CONSTRUCT SEPARATE LEFT TURN LANE

MEET EXISTING PAVEMENT SECTION

WAYNE TRAW ROAD

EXISTING PAVEMENT

PROPOSED IMPROVEMENT

U.S. ROUTE 202

TL 33.06-1-9
N/F JDV13 ASSOCIATES, INC.

TL 33.06-1-10
N/F JDV13 ASSOCIATES, INC.

TL 33.06-1-11
N/F COUNTY REALTY CORP.

TL 33.06-1-7
N/F JOSEPH & DOROTHY PARTSON

TL 33.06-1-6
N/F PALISADES INTERSTATE PARK COMMISSION

TL 33.06-1-5
N/F CARLA REALTY CO.

EXISTING TRAFFIC SIGNAL

WIDEN TO PROVIDE ADDITIONAL THROUGH LANE

CONSTRUCT RIGHT TURN ENTRY ONLY DRIVEWAY

MODIFY/UPGRADE TRAFFIC SIGNAL AND COORDINATE W/ NYSDOT IMPROVEMENTS

IMPROVEMENTS PROPOSED BY NYSDOT FOR THIS SECTION OF 202 (PIN. 8093.48)

WIDEN TO PROVIDE ADDITIONAL THROUGH LANE

INSTALL NEW TRAFFIC SIGNAL AND COORDINATE W/ OTHER SIGNALS ON ROUTE 202

TL 33.06-1-13
N/F AMCAP INCORPORATED

TL 33.06-1-12
N/F EXXON CORPORATION

TL 33.06-1-8
N/F COUNTY OF ROCKLAND

TL 33.05-2-8
N/F AMCAP INCORPORATED

TL 33.05-2-7
N/F ROCKLAND COUNTY

58

R.O.W.

R.R.

LACKAWANNA

RAMAPO

OLD COUNTY ROAD

N.Y.S. RTE. 45

OLD U.S. RTE.

S. ROUTE 45

NO.	REVISION	DATE	REVISED BY:

TITLE:
CONCEPTUAL IMPROVEMENT PLAN – U.S. ROUTE 202

PROJECT:
MINISCEONGO PARK
U.S. ROUTE 202
HVERSTRAW/RAMAPO, NY

ENGINEER:
JOHN COLLINS ENGINEERS, P.C.
11 BRADHURST AVENUE
HAWTHORNE N.Y. 10532

NORTH

DRAWING NO.
CP-1

SHEET 1 OF 1	
PROJECT NO.	1540
SCALE:	1"=100'
DATE:	10/27/08
DRAWN BY:	R.G.D.
CHECKED BY:	P.J.G.

APPENDIX "B"

TABLES

TABLE 1

HOURLY TRIP GENERATION RATES (HTGR) AND ANTICIPATED SITE GENERATED TRAFFIC VOLUMES

MINISCEONGO PARK TOWN OF HAVERSTRAW & RAMAPO,NY	ENTRY			EXIT		
	HTGR*	VOLUME	NEW TRIPS	HTGR*	VOLUME	NEW TRIPS
APARTMENT (219 UNITS)						
PEAK AM HOUR	0.10	22	22	0.41	89	89
PEAK PM HOUR	0.41	90	90	0.22	48	48
PEAK SATURDAY HOUR	0.25	55	55	0.25	55	55
SHOPPING CENTER (270,850 S.F.)						
PEAK AM HOUR	0.64	174	131	0.41	111	83
PEAK PM HOUR	2.23	604	453	2.23	604	453
PEAK SATURDAY HOUR	3.05	827	620	3.05	827	620
TOTALS						
PEAK AM HOUR	-	-	153	-	-	172
PEAK PM HOUR	-	-	543	-	-	501
PEAK SATURDAY HOUR	-	-	675	-	-	675

NOTES:

1) TRIP GENERATION RATES FOR LAND USE 220 - APARTMENT AND 820 - SHOPPING CENTER BASED ON THE INSTITUTE OF TRANSPORTATION ENGINEERS (ITE) PUBLICATION ENTITLED "TRIP GENERATION", 7TH EDITION, JANUARY 2003.

2) "NEW" TRIPS REFLECTS A 25% PASS-BY AND DIVERTED LINK TRIP CREDIT FOR THE COMMERCIAL USES.

TABLE NO. 2

LEVEL OF SERVICE SUMMARY TABLE

		2008 EXISTING			2011 NO-BUILD			2011 BUILD (W/O PATRICK FARM)			2011 BUILD (W/ PATRICK FARM)		
		AM	PM	SAT	AM	PM	SAT	AM	PM	SAT	AM	PM	SAT
1.	U.S. ROUTE 202 & NYS ROUTE 45												
	SIGNALIZED												
	EASTBOUND LEFT	C [25.7]	B [16.8]	B[17.8]	C[30.6]	B [19.0]	C[20.2]	C[32.4]	C[22.6]	C[25.7]	C[32.7]	C[23.2]	C[26.2]
	EASTBOUND THROUGH	B [19.4]	C[34.1]	C[28.2]	A[9.7]	C[33.9]	C[32.4]	B[10.0]	E[58.2]	D[48.3]	B[10.2]	E[60.2]	D[49.9]
	EASTBOUND RIGHT	B [10.1]	B [12.6]	B[12.3]	B [10.5]	B [13.1]	B[12.6]	B[10.5]	B[13.6]	B[13.3]	B[10.7]	B[13.8]	B[13.5]
	EASTBOUND APPROACH	B [15.4]	C [27.0]	C[23.0]	B[10.2]	C[27.0]	C[25.9]	B[10.4]	D[43.3]	D[36.6]	B[10.6]	D[44.5]	D[37.4]
	WESTBOUND LEFT	B [16.8]	C [28.3]	C[21.6]	B[14.9]	C[32.5]	C[26.0]	B[15.6]	C [33.4]	C[31.4]	B[16.0]	C [33.4]	C[31.5]
	WESTBOUND THROUGH / RIGHT	C [33.4]	C [26.6]	C[27.9]	D [45.2]	C [29.3]	C[31.3]	D[51.1]	D[35.3]	D[44.4]	D[52.2]	D[36.6]	D[45.9]
	WESTBOUND APPROACH	C [29.2]	C [27.1]	C[26.6]	D [37.6]	C [30.2]	C[30.2]	D[42.4]	C[34.8]	D[42.0]	D[43.4]	D[35.8]	D[43.3]
	NORTHBOUND LEFT	D [39.6]	D [44.5]	D[41.0]	D[40.1]	D [51.2]	D[43.0]	D [40.3]	D[54.6]	D[45.6]	D [40.4]	E[56.5]	D[46.3]
	NORTHBOUND LEFT / THROUGH	D [39.0]	D [44.1]	D[39.8]	D [39.4]	D [49.8]	D[40.5]	D [39.5]	D[53.2]	D[41.7]	D [39.6]	D[54.6]	D[42.1]
	NORTHBOUND RIGHT	C [28.4]	D [48.9]	C[25.4]	C [28.7]	E[59.8]	C[25.7]	C [28.7]	E[59.8]	C[25.7]	C [28.7]	E[59.8]	C[25.7]
	NORTHBOUND APPROACH	C [34.1]	D [47.1]	C[33.2]	C [34.6]	E[55.9]	C[34.3]	C[34.8]	E[57.2]	D[35.8]	C[34.9]	E[58.0]	D[36.3]
	SOUTHBOUND LEFT / THROUGH / RIGHT	D [44.3]	D [42.6]	D[41.6]	D [44.7]	D[42.8]	D[41.6]	D [44.7]	D[42.8]	D[41.6]	D [44.7]	D[42.8]	D[41.6]
	OVERALL INTERSECTION	**C [26.2]**	**C[34.1]**	**C[27.0]**	**C [28.0]**	**D[37.8]**	**C[29.6]**	**C[30.2]**	**D[45.3]**	**D[38.3]**	**C[30.5]**	**D[46.3]**	**D[39.2]**
2.	U.S. ROUTE 202 & THIELLS-MT. IVY ROAD												
	SIGNALIZED												
	EASTBOUND LEFT	D [37.2]	C [29.2]	C[27.6]	-	-	-	-	-	-	-	-	-
	EASTBOUND THROUGH / RIGHT	B [10.3]	B [12.5]	B[11.1]	-	-	-	-	-	-	-	-	-
	EASTBOUND APPROACH	B [18.2]	B [17.5]	B[14.8]	-	-	-	-	-	-	-	-	-
	WESTBOUND LEFT	B [15.2]	B [18.5]	B[18.2]	-	-	-	-	-	-	-	-	-
	WESTBOUND THROUGH	D [53.1]	C [31.0]	D[35.5]	-	-	-	-	-	-	-	-	-
	WESTBOUND RIGHT	B [16.7]	C [22.0]	C[20.1]	-	-	-	-	-	-	-	-	-
	WESTBOUND APPROACH	D [47.8]	C [28.0]	C[32.4]	-	-	-	-	-	-	-	-	-
	NORTHBOUND LEFT / THROUGH / RIGHT	C [24.8]	C [25.3]	C[24.8]	-	-	-	-	-	-	-	-	-
	SOUTHBOUND LEFT / THROUGH	D [40.5]	D [39.8]	D[39.7]	-	-	-	-	-	-	-	-	-
	SOUTHBOUND RIGHT	E [62.3]	C [20.9]	B[17.5]	-	-	-	-	-	-	-	-	-
	SOUTHBOUND APPROACH	E [55.7]	C [27.7]	C[26.9]	-	-	-	-	-	-	-	-	-
	OVERALL INTERSECTION	**D [44.4]**	**C[24.3]**	**C[25.4]**	-	-	-	-	-	-	-	-	-
	WITH NYSDOT IMPROVEMENTS												
	SIGNALIZED												
	EASTBOUND LEFT	-	-	-	C[22.0]	B[19.9]	B[16.2]	C[23.3]	C[24.6]	C[21.0]	C[24.0]	C[25.7]	C[21.8]
	EASTBOUND THROUGH	-	-	-	A[1.7]	A[3.2]	A[2.0]	A[1.7]	A[5.4]	A[3.4]	A[1.8]	A[5.8]	A[3.7]
	EASTBOUND APPROACH	-	-	-	A[7.5]	A[8.0]	A[5.1]	A[7.8]	B[10.7]	A[7.1]	A[8.0]	B[11.3]	A[7.5]
	WESTBOUND THROUGH	-	-	-	B[16.6]	B[15.2]	B[15.5]	B[17.0]	B[16.0]	B[16.8]	B[17.1]	B[16.2]	B[17.0]
	WESTBOUND RIGHT	-	-	-	C[21.5]	C[25.3]	C[22.5]	C[21.5]	C[25.3]	C[22.5]	C[21.5]	C[25.3]	C[22.5]
	WESTBOUND APPROACH	-	-	-	B[17.3]	B[18.3]	B[16.9]	B[17.7]	B[18.6]	B[17.8]	B[17.7]	B[18.7]	B[17.9]
	SOUTHBOUND LEFT	-	-	-	C[30.4]	C[28.6]	C[29.1]	C[30.4]	C[28.6]	C[29.1]	C[30.4]	C[28.6]	C[29.1]
	SOUTHBOUND RIGHT	-	-	-	D[36.5]	C[20.7]	B[16.2]	D[48.8]	C[34.0]	C[26.2]	D[54.7]	D[50.3]	C[31.7]
	SOUTHBOUND APPROACH	-	-	-	C[34.6]	C[23.5]	C[21.7]	D[43.3]	C[32.4]	C[27.1]	D[47.6]	D[44.2]	C[30.9]
	OVERALL INTERSECTION	**-**	**-**	**-**	**C[21.8]**	**B[16.5]**	**B[15.0]**	**C[25.5]**	**C[20.4]**	**B[17.8]**	**C[27.1]**	**C[24.9]**	**B[19.3]**
3.	U.S. ROUTE 202 & PIP SB ON/OFF RAMP												
	SIGNALIZED												
	EASTBOUND LEFT	C [22.5]	B [18.4]	B[16.9]	C[27.2]	C[26.0]	C[25.3]	C[28.5]	D[36.9]	F[88.5]	D[37.8]	D[40.3]	F[114.5]
	EASTBOUND THROUGH / RIGHT	A [5.9]	A [7.8]	A[6.5]	A[1.2]	A[2.3]	A[6.9]	A[1.3]	A[3.7]	A[8.6]	A[1.3]	A[4.0]	A[9.0]
	EASTBOUND APPROACH	B [11.7]	A [9.7]	A[9.4]	B[10.9]	A[7.1]	B[12.3]	B[11.7]	B[13.1]	D[38.8]	B[16.1]	B[14.7]	D[49.9]
	WESTBOUND LEFT	B [15.4]	B [15.8]	B[13.6]	B [15.5]	B[15.6]	B[13.6]	B [15.5]	B[15.7]	B[13.7]	B [15.5]	B[15.7]	B[13.8]
	WESTBOUND THROUGH	C [28.0]	C [26.2]	C[21.5]	C [23.3]	C[25.8]	C[26.1]	D [40.4]	F[120.6]	F[126.0]	D [47.5]	F[167.9]	F[157.1]
	WESTBOUND RIGHT	B [18.2]	A [7.3]	A[5.7]	C [24.2]	A[7.7]	A[6.0]	C [24.2]	A[7.7]	A[6.0]	C [24.2]	A[7.7]	A[6.0]
	WESTBOUND APPROACH	C [22.1]	B [17.3]	B[14.1]	C[23.7]	B[17.8]	B[17.1]	C [31.3]	E[78.4]	F[84.3]	C [34.6]	F[111.2]	F[106.7]
	NORTHBOUND LEFT / THROUGH / RIGHT	C [32.4]	C [32.4]	C[32.3]	C [32.4]	C[32.4]	C[32.3]	C [32.4]	C [32.4]	C[32.3]	C [32.4]	C [32.4]	C[32.3]
	SOUTHBOUND LEFT / THROUGH	D [37.6]	D [40.3]	D[35.8]	D [39.2]	D[43.0]	D[36.3]	D [39.2]	D [43.0]	D[36.3]	D [39.2]	D [43.0]	D[36.3]
	SOUTHBOUND RIGHT	B [17.7]	B [16.6]	B[18.3]	B [18.1]	B[16.9]	B[18.5]	B [18.2]	B [17.3]	B[19.2]	B [18.3]	B [17.4]	B[19.3]
	SOUTHBOUND APPROACH	C [25.7]	C [29.7]	C[26.6]	C [26.4]	C[31.1]	C[27.0]	C[26.3]	C[30.1]	C[26.1]	C[26.3]	C [29.8]	C[26.0]
	OVERALL INTERSECTION	**C [20.1]**	**B [16.1]**	**B[13.9]**	**C[20.7]**	**B[15.5]**	**B[16.6]**	**C[25.3]**	**D[46.9]**	**E[60.7]**	**C[28.2]**	**E[63.9]**	**E[76.4]**
	WITH IMPROVEMENTS												
	SIGNALIZED												
	EASTBOUND LEFT	-	-	-	-	-	-	B[13.1]	C[21.9]	D[47.9]	B[16.8]	C[23.2]	D[48.4]
	EASTBOUND THROUGH / RIGHT	-	-	-	-	-	-	A[1.3]	A[3.7]	A[8.6]	A[1.3]	A[4.0]	A[9.0]
	EASTBOUND APPROACH	-	-	-	-	-	-	A[5.8]	A[8.9]	C[23.5]	A[7.6]	A[9.7]	C[24.2]
	WESTBOUND LEFT	-	-	-	-	-	-	B [15.5]	B[15.7]	B[13.7]	B [15.5]	B[15.7]	B[13.8]
	WESTBOUND THROUGH	-	-	-	-	-	-	A[9.3]	B[10.5]	C[20.1]	A[9.4]	B[11.3]	C[20.9]
	WESTBOUND RIGHT	-	-	-	-	-	-	C [24.2]	A[7.7]	A[6.0]	C [24.2]	A[7.7]	A[6.0]
	WESTBOUND APPROACH	-	-	-	-	-	-	B[17.5]	A[9.5]	B[15.2]	B[17.4]	B[10.1]	B[16.0]
	NORTHBOUND LEFT / THROUGH / RIGHT	-	-	-	-	-	-	C [32.4]	C [32.4]	C[32.3]	C [32.4]	C [32.4]	C[32.3]
	SOUTHBOUND LEFT / THROUGH	-	-	-	-	-	-	D [39.2]	D [43.0]	D[36.3]	D [39.2]	D [43.0]	D[36.3]
	SOUTHBOUND RIGHT	-	-	-	-	-	-	B [18.2]	B [17.3]	B[19.2]	B [18.3]	B [17.4]	B[19.3]
	SOUTHBOUND APPROACH	-	-	-	-	-	-	C[26.3]	C[30.1]	C[26.1]	C[26.3]	C [29.8]	C[26.0]
	OVERALL INTERSECTION	**-**	**-**	**-**	**-**	**-**	**-**	**B[15.5]**	**B[11.6]**	**B[19.6]**	**B[15.7]**	**B[12.1]**	**C[20.2]**

NOTES:

TABLE NO. 2 (continued)

LEVEL OF SERVICE SUMMARY TABLE

		2008 EXISTING			2011 NO-BUILD			2011 BUILD (W/O PATRICK FARM)			2011 BUILD (W/ PATRICK FARM)		
		AM	PM	SAT	AM	PM	SAT	AM	PM	SAT	AM	PM	SAT
4.	U.S. ROUTE 202 & CAMP HILL ROAD												
	SIGNALIZED												
	EASTBOUND LEFT / THROUGH / RIGHT	B[11.5]	B[13.3]	B[12.2]	B[15.1]	B[12.3]	B[12.8]	B[13.9]	B[14.5]	B[15.8]	B[16.4]	B[16.6]	B[18.7]
	WESTBOUND LEFT / THROUGH / RIGHT	B[19.9]	B[15.3]	B[13.4]	B[13.3]	A[5.2]	A[3.8]	C[26.0]	B[12.2]	B[16.4]	D[35.6]	C[26.7]	C[33.1]
	NORTHBOUND LEFT / THROUGH / RIGHT	C[26.3]	C[26.6]	C[28.8]	C[26.4]	C[30.8]	C[30.9]	C[26.6]	C[31.6]	C[32.9]	C[26.6]	C[31.6]	C[32.9]
	SOUTHBOUND LEFT / THROUGH / RIGHT	C[29.8]	C[26.8]	C[28.6]	C[31.6]	C[31.7]	C[31.0]	C[32.8]	D[35.1]	D[40.8]	C[32.8]	D[35.1]	D[40.8]
	OVERALL INTERSECTION	**B[19.0]**	**B[16.0]**	**B[16.8]**	**B[16.7]**	**B[11.7]**	**B[13.2]**	**C[23.2]**	**B[16.3]**	**C[20.8]**	**C[28.5]**	**C[23.6]**	**C[28.7]**
5.	THIELLS - MT. IVY ROAD & PIP NB OFF RAMP												
	UNSIGNALIZED												
	EASTBOUND LEFT	E (45.1)	F (362.8)	E[42.4]	F[65.7]	F[522.4]	F[65.4]	F[67.4]	F[583.1]	F[86.2]	F[70.1]	F[605.2]	F[92.5]
	EASTBOUND RIGHT	D (33.8)	D (25.2)	C[17.3]	F[59.1]	F[50.7]	C[23.2]	F[91.0]	F[147.0]	F[89.3]	F[106.1]	F[208.3]	F[123.3]
	EASTBOUND APPROACH	E (37.9)	F (200.2)	D[29.8]	F[61.3]	F[275.4]	E[42.4]	F[83.9]	F[325.1]	F[88.3]	F[95.7]	F[360.8]	F[113.3]
	W/ SIGNALIZATION												
	EASTBOUND LEFT	------	------	------	C[26.9]	C[24.1]	C[21.7]	C[26.9]	C[24.1]	C[21.7]	C[26.9]	C[24.1]	C[21.7]
	EASTBOUND RIGHT	------	------	------	C[31.9]	C[27.8]	C[23.5]	D[35.2]	D[44.7]	D[37.1]	D[36.6]	E[65.8]	D[45.4]
	EASTBOUND LEFT / THROUGH / RIGHT	------	------	------	C[30.3]	C[26.1]	C[22.7]	C[32.7]	D[36.3]	D[31.9]	C[33.8]	D[49.8]	D[37.7]
	NORTHBOUND THROUGH	------	------	------	A[9.9]	C[20.1]	B[15.4]	A[9.9]	C[20.8]	B[15.8]	B[10.0]	C[21.0]	B[15.8]
	SOUTHBOUND LEFT THROUGH	------	------	------	C[20.7]	C[20.8]	B[19..1]	C[21.2]	C[21.4]	B[19.9]	C[21.3]	C[21.8]	C[20.1]
	OVERALL INTERSECTION	**------**	**------**	**------**	**C[21.0]**	**C[22.7]**	**B[19.8]**	**C[22.1]**	**C[27.7]**	**C[24.6]**	**C[22.5]**	**C[34.1]**	**C[27.6]**
6.	PIP SB ON/OFF RAMP & QUAKER ROAD												
	UNSIGNALIZED												
	EASTBOUND LEFT / THROUGH	A (8.2)	A (8.0)	A[7.9]	A (8.4)	A (8.1)	A[7.9]	A (8.4)	A (8.3)	A[8.1]	A (8.4)	A (8.3)	A[8.1]
	SOUTHBOUND LEFT / RIGHT	F (626.7)	F (50.2)	D[28.9]	F (*)	F (100.6)	E[41.6]	F (*)	F[219.7]	F[110.1]	F (*)	F[251.3]	F[129.6]
	W/ SIGNALIZATION												
	EASTBOUND LEFT	------	------	------	B[10.9]	B[16.3]	B[14.7]	B[11.1]	B[17.1]	B[15.8]	B[11.1]	B[17.4]	B[16.0]
	EASTBOUND RIGHT	------	------	------	C[25.3]	B[16.2]	B[18.1]	D[28.3]	C[20.9]	C[30.1]	D[38.2]	C[22.3]	C[35.0]
	EASTBOUND LEFT / THROUGH / RIGHT	------	------	------	C[23.0]	B[16.2]	B[17.4]	C[25.5]	C[20.0]	C[27.6]	C[34.1]	C[21.3]	C[31.9]
	WESTBOUND LEFT / THROUGH / RIGHT	------	------	------	B[14.9]	C[20.5]	C[20.1]	B[15.0]	C[20.9]	C[20.6]	B[15.0]	C[20.9]	C[20.6]
	SOUTHBOUND LEFT THROUGH	------	------	------	D[46.4]	C[25.6]	C[24.1]	D[47.0]	C[25.9]	C[24.3]	D[47.0]	C[25.9]	C[24.3]
	OVERALL INTERSECTION	**------**	**------**	**------**	**C[26.0]**	**B[18.8]**	**B[18.8]**	**C[27.8]**	**C[21.2]**	**C[26.2]**	**C[33.6]**	**C[22.0]**	**C[29.3]**

NOTES:

THE ABOVE REPRESENTS THE LEVELS OF SERVICE AND VEHICLE DELAY IN SECONDS, B [13.2], FOR EACH MOVEMENT, FOR EACH APPROACH AS WELL AS FOR THE OVERALL INTERSECTION
FOR THE SIGNALIZED INTERSECTIONS AND THE LEVELS OF SERVICE AND AVERAGE TOTAL DELAY IN SECONDS, B [10.9], FOR THE UNSIGNALIZED INTERSECTIONS.

TABLE NO. 2 (continued)

LEVEL OF SERVICE SUMMARY TABLE

		2008 EXISTING			2011 NO-BUILD			2011 BUILD (W/O PATRICK FARM)			2011 BUILD (W/ PATRICK FARM)		
		AM	PM	SAT	AM	PM	SAT	AM	PM	SAT	AM	PM	SAT
7.	U.S. ROUTE 202 & SHOPPING CENTER DRIVEWAY												
	UNSIGNALIZED												
	WESTBOUND LEFT / THROUGH	A[8.8]	A[9.7]	A[9.6]	A[9.4]	B[10.3]	B[10.2]	------	------	------	------	------	------
	NORTHBOUND LEFT / RIGHT	C[18.6]	D[31.3]	F[71.2]	D[25.1]	F[50.7]	F[192.9]	------	------	------	------	------	------
	U.S. ROUTE 202 & PROPOSED SITE ACCESS												
	SIGNALIZED												
	EASTBOUND LEFT	------	------	------	------	------	------	B [16.8]	D[47.2]	D[52.5]	B [17.2]	D[48.0]	D[52.9]
	EASTBOUND THROUGH / RIGHT	------	------	------	------	------	------	A[1.1]	A[1.3]	A[4.2]	A[1.1]	A[1.3]	A[3.7]
	EASTBOUND APPROACH	------	------	------	------	------	------	A[3.0]	B[12.7]	C[21.2]	A[2.9]	B[12.5]	B[19.9]
	WESTBOUND LEFT	------	------	------	------	------	------	B[14.5]	B[17.0]	D[38.7]	B[14.7]	B[17.1]	D[38.8]
	WESTBOUND THROUGH	------	------	------	------	------	------	D[38.6]	C[30.6]	D[54.6]	D[46.5]	E[64.2]	E[78.8]
	WESTBOUND RIGHT	------	------	------	------	------	------	A[6.3]	A[9.3]	B[17.5]	A[6.3]	A[9.3]	B[17.5]
	WESTBOUND APPROACH	------	------	------	------	------	------	C[33.5]	C[22.2]	D[35.6]	D[40.2]	D[44.2]	D[47.9]
	NORTHBOUND LEFT / THROUGH / RIGHT	------	------	------	------	------	------	D[41.7]	D[42.6]	D[43.3]	D[39.8]	D[40.3]	D[43.3]
	SOUTHBOUND LEFT	------	------	------	------	------	------	D[36.6]	D[52.4]	D[54.9]	D[36.6]	D[52.4]	E[66.8]
	SOUTHBOUND LEFT / THROUGH	------	------	------	------	------	------	D[36.6]	D[52.1]	D[54.5]	D[36.6]	D[52.1]	E[66.8]
	SOUTHBOUND RIGHT	------	------	------	------	------	------	C[27.7]	C[30.8]	C[28.8]	C[27.7]	C[30.8]	C[30.7]
	SOUTHBOUND APPROACH	------	------	------	------	------	------	C[32.8]	D[43.4]	D[44.0]	C[32.8]	D[43.4]	D[51.9]
	OVERALL INTERSECTION	------	------	------	------	------	------	**C[23.0]**	**C[24.0]**	**C[34.0]**	**C[25.1]**	**C[32.0]**	**D[40.1]**
8.	U.S. ROUTE 202 & PACESETTER SHOPPING CENTER (WEST)												
	SIGNALIZED												
	EASTBOUND THROUGH / RIGHT	B [15.7]	B[18.7]	B[17.2]	B[19.5]	C[26.5]	C[20.7]	A[5.0]	C[32.3]	B[18..1]	A[7.4]	D[48.6]	C[30.0]
	WESTBOUND LEFT	B [10.0]	B[15.4]	B[12.6]	B[11.9]	B[19.1]	B[14.8]	A[5.1]	A[8.9]	A[7.3]	A[5.2]	A[9.3]	A[7.5]
	WESTBOUND THROUGH	A [7.9]	A[6.6]	A[6.4]	A[9.3]	A[7.6]	A[7.0]	A[3.1]	A[2.0]	A[2.1]	A[3.4]	A[2.7]	A[2.6]
	WESTBOUND APPROACH	A [8.1]	A[9.0]	A[7.9]	A[9.5]	B[10.3]	A[8.7]	A[3.2]	A[3.6]	A[3.2]	A[3.5]	A[4.1]	A[3.6]
	NORTHBOUND LEFT	C [32.6]	D [35.4]	C[34.3]	C[32.6]	D [35.6]	C[34.4]	C [32.6]	D [35.6]	C[34.4]	C [32.6]	D [35.6]	C[34.4]
	NORTHBOUND RIGHT	C [33.0]	C [34.1]	C[34.0]	C[33.0]	C [34.2]	C[34.1]	C [33.2]	D[35.0]	D[35.2]	C [33.2]	D[35.0]	D[35.2]
	NORTHBOUND APPROACH	C [32.8]	C[34.9]	C[34.2]	C[32.9]	D[35.1]	C[34.3]	C[33.0]	D[35.4]	C[34.9]	C[33.0]	D[35.4]	C[34.9]
	OVERALL INTERSECTION	**B [12.3]**	**B[16.5]**	**B[15.0]**	**B[14.8]**	**C[20.3]**	**B[16.7]**	**A[5.3]**	**C[20.1]**	**B[12.9]**	**A[6.4]**	**C[27.3]**	**B[18.1]**
9.	U.S. ROUTE 202 & RAMAPO PLAZA												
	UNSIGNALIZED												
	WESTBOUND LEFT / THROUGH	A[9.2]	A[9.8]	A[9.3]	A[9.9]	B[10.5]	A[9.8]	B[10.2]	B[12.3]	B[12.1]	B[10.8]	B[10.7]	B[12.5]
	NORTHBOUND LEFT / RIGHT	F[67.2]	D[31.3]	D[27.4]	F[205.3]	F[52.6]	E[41.1]	F[87.2]	F[61.0]	F[75.8]	F[132.7]	F[80.1]	F[97.7]
10.	U.S. ROUTE 202 & MARTINO WAY												
	SIGNALIZED												
	EASTBOUND LEFT	A [5.0]	A [4.3]	A[4.2]	A[5.4]	A[4.7]	A[4.5]	A[5.5]	A[5.1]	A[5.0]	A[5.5]	A[5.2]	A[5.0]
	EASTBOUND THROUGH	A [3.3]	A[9.3]	A[3.9]	A[3.5]	B[13.1]	A[4.3]	A[3.5]	B[18.6]	A[5.1]	A[3.6]	B[19.0]	A[5.1]
	EASTBOUND APPROACH	A [3.4]	A[8.8]	A[3.9]	A[3.6]	B[12.4]	A[4.3]	A[3.6]	B[17.5]	A[5.1]	A[3.7]	B[17.8]	A[5.1]
	WESTBOUND THROUGH / RIGHT	C [25.1]	B[12.1]	B[13.4]	D[39.0]	B[13.7]	B[15.3]	D[44.6]	B [15.8]	B[19.7]	D[45.3]	B [15.1]	C[20.1]
	SOUTHBOUND LEFT	D [36.8]	D[36.1]	D[36.1]	D[36.9]	D[36.1]	D[36.1]	D[36.9]	D[36.1]	D[36.1]	D[36.9]	D[36.1]	D[36.1]
	SOUTHBOUND RIGHT	C [25.8]	C [24.2]	C[24.8]	C[26.0]	C[24.2]	C[24.9]	C[26.0]	C[24.2]	C[24.9]	C[26.0]	C[24.2]	C[24.9]
	SOUTHBOUND APPROACH	C [28.4]	C [27.5]	C[26.8]	C[28.5]	C[27.5]	C[26.9]	C[28.5]	C[27.5]	C[26.9]	C[28.5]	C[27.5]	C[26.9]
	OVERALL INTERSECTION	**B [18.4]**	**B[10.5]**	**A[9.7]**	**C[26.4]**	**B[13.2]**	**B[10.7]**	**C [29.6]**	**B [17.1]**	**B[13.1]**	**C [29.8]**	**B [17.5]**	**B[13.3]**

NOTES:

THE ABOVE REPRESENTS THE LEVELS OF SERVICE AND VEHICLE DELAY IN SECONDS, B [13.2], FOR EACH MOVEMENT, FOR EACH APPROACH AS WELL AS FOR THE OVERALL INTERSECTION FOR THE SIGNALIZED INTERSECTIONS AND THE LEVELS OF SERVICE AND AVERAGE TOTAL DELAY IN SECONDS, B [10.9], FOR THE UNSIGNALIZED INTERSECTIONS.

TABLE NO. 2 (continued)

LEVEL OF SERVICE SUMMARY TABLE

		2008 EXISTING			2011 NO-BUILD			2011 BUILD (W/O PATRICK FARM)			2011 BUILD (W/ PATRICK FARM)		
		AM	PM	SAT	AM	PM	SAT	AM	PM	SAT	AM	PM	SAT
11	U.S. ROUTE 202 & PACESETTER SHOPPING CENTER (EAST)												
	UNSIGNALIZED												
	NORTHBOUND RIGHT	B[12.4]	C[16.5]	B[14.0]	B[14.1]	C[20.1]	C[16.0]	B[13.7]	D[26.4]	C[21.3]	C[15.1]	D[28.9]	C[23.5]
12	U.S. ROUTE 202 & NYS ROUTE 306												
	SIGNALIZED												
	EASTBOUND LEFT	B[18.5]	B[15.2]	B[18.9]	B[19.0]	B[15.2]	B[19.2]	B[19.1]	B[15.3]	B[19.4]	B[19.1]	B[15.3]	B[19.5]
	EASTBOUND THROUGH / RIGHT	C[23.0]	C[21.5]	C[21.7]	C[25.5]	C[23.5]	C[22.6]	C[24.5]	C[25.1]	C[23.7]	C[26.2]	C[26.3]	C[24.5]
	EASTBOUND APPROACH	C[22.9]	C[21.4]	C[21.4]	C[25.4]	C[23.4]	C[22.3]	C[24.4]	C[25.1]	C[23.3]	C[26.1]	C[26.2]	C[24.1]
	WESTBOUND LEFT	B[18.4]	B[19.0]	B[14.5]	C[23.4]	C[25.2]	B[16.9]	C[22.3]	C[28.2]	B[19.4]	C[25.6]	C[34.5]	C[21.7]
	WESTBOUND THROUGH / RIGHT	B[17.9]	B[10.1]	B[12.7]	C[20.4]	B[10.7]	B[13.3]	C[21.5]	B[10.9]	B[13.9]	C[22.1]	B[11.4]	B[14.3]
	WESTBOUND APPROACH	B[18.0]	B[12.8]	B[13.0]	C[21.0]	B[15.7]	B[14.1]	C[21.7]	B[16.7]	B[15.2]	C[22.9]	B[19.6]	B[16.3]
	NORTHBOUND LEFT / THROUGH / RIGHT	C[23.3]	C[28.4]	C[23.6]	C[26.0]	C[30.4]	C[24.4]	C[25.1]	C[31.9]	C[25.1]	C[26.4]	C[33.7]	C[25.8]
	SOUTHBOUND LEFT / THROUGH / RIGHT	C[22.1]	C[25.3]	C[21.9]	C[22.4]	C[26.5]	C[22.0]	C[22.5]	C[26.9]	C[22.3]	C[22.5]	C[26.9]	C[22.3]
	OVERALL INTERSECTION	**B[20.0]**	**B[19.1]**	**B[18.1]**	**C[23.0]**	**C[21.5]**	**B[18.9]**	**C[22.8]**	**C[22.9]**	**B[19.9]**	**C[24.2]**	**C[24.7]**	**C[20.7]**
13	NYS ROUTE 45 & OLD ROUTE 202/PARK & RIDE												
	UNSIGNALIZED												
	EASTBOUND LEFT / THROUGH / RIGHT	B[13.3]	D[29.6]	C[16.8]	C[21.6]	F[95.4]	C[24.0]	C[21.8]	F[116.6]	D[27.5]	C[22.5]	F[125.6]	D[28.4]
	WESTBOUND LEFT / THROUGH / RIGHT	F[232.7]	F[98.3]	C[24.5]	F[313.0]	F[306.6]	E[39.3]	F[320.1]	F[382.7]	F[52.3]	F[342.4]	F[407.0]	F[55.7]
	NORTHBOUND LEFT / THROUGH / RIGHT	A[8.9]	A[8.3]	A[8.1]	A[8.8]	A[8.5]	A[8.2]	A[8.8]	A[8.7]	A[8.4]	A[8.8]	A[8.7]	A[8.4]
	SOUTHBOUND LEFT / THROUGH / RIGHT	A[8.2]	A[10.0]	A[8.4]	A[8.3]	B[10.4]	A[8.6]	A[8.3]	B[10.5]	A[8.7]	A[8.3]	B[10.5]	A[8.7]
	SIGNALIZED												
	EASTBOUND LEFT / THROUGH / RIGHT	------	------	------	B[13.6]	B[13.9]	B[13.6]	B[13.6]	B[13.9]	B[13.6]	B[13.6]	B[13.9]	B[13.6]
	WESTBOUND LEFT / THROUGH / RIGHT	------	------	------	C[21.8]	B[15.3]	B[15.3]	C[21.8]	B[15.3]	B[15.3]	C[21.8]	B[15.3]	B[15.3]
	NORTHBOUND LEFT	------	------	------	A[7.6]	A[7.6]	A[7.6]	A[7.6]	A[7.6]	A[7.6]	A[7.6]	A[7.6]	A[7.6]
	NORTHBOUND THROUGH / RIGHT	------	------	------	A[8.7]	B[10.7]	A[9.0]	A[8.7]	B[10.9]	A[9.1]	A[8.7]	B[10.9]	A[9.1]
	NORTHBOUND APPROACH	------	------	------	A[8.7]	B[10.7]	A[9.0]	A[8.7]	B[10.9]	A[9.1]	A[8.7]	B[10.9]	A[9.1]
	SOUTHBOUND LEFT / THROUGH / RIGHT	------	------	------	B[14.1]	B[12.2]	B[10.6]	B[14.1]	B[13.2]	B[11.5]	B[14.7]	B[13.5]	B[11.7]
	OVERALL INTERSECTION	**------**	**------**	**------**	**B[14.0]**	**B[11.7]**	**B[10.4]**	**B[14.0]**	**B[12.1]**	**B[10.8]**	**B[14.3]**	**B[12.2]**	**B[10.9]**
14	U.S. ROUTE 202 & CRYSTAL HILL CLUB/BALSAM ROAD												
	SIGNALIZED												
	EASTBOUND LEFT	A[9.4]	A[4.9]	A[7.9]	B[11.6]	A[6.0]	A[9.2]	B[12.2]	A[7.2]	B[11.6]	B[12.3]	A[7.4]	B[11.9]
	EASTBOUND THROUGH / RIGHT	B[14.7]	B[17.2]	B[18.9]	B[15.8]	C[20.6]	C[20.9]	B[16.2]	C[25.8]	C[26.1]	B[16.4]	C[26.1]	C[26.6]
	EASTBOUND APPROACH	B[14.7]	B[16.8]	B[18.7]	B[15.7]	C[20.2]	C[20.7]	B[16.1]	C[25.2]	C[25.8]	B[16.4]	C[25.5]	C[26.3]
	WESTBOUND LEFT	A[5.2]	A[7.5]	A[7.3]	A[5.7]	A[9.9]	A[8.4]	A[5.9]	B[12.9]	B[10.8]	A[6.0]	B[13.1]	B[11.0]
	WESTBOUND THROUGH / RIGHT	C[22.8]	B[13.3]	B[19.9]	C[27.6]	B[14.8]	C[22.4]	C[29.0]	B[16.4]	C[27.2]	C[29.3]	B[16.7]	C[27.9]
	WESTBOUND APPROACH	C[22.6]	B[13.0]	B[19.4]	C[27.3]	B[14.6]	C[21.9]	C[28.7]	B[16.2]	C[26.7]	C[29.0]	B[16.5]	C[27.3]
	NORTHBOUND LEFT / THROUGH	C[32.8]	D[39.3]	C[32.3]	C[33.1]	D[39.7]	C[32.5]	C[33.4]	D[41.7]	C[33.8]	C[33.4]	D[41.7]	C[33.8]
	NORTHBOUND RIGHT	C[30.8]	D[38.9]	C[32.2]	C[30.9]	D[39.1]	C[32.4]	C[30.9]	D[39.1]	C[32.4]	C[30.9]	D[39.1]	C[32.4]
	NORTHBOUND APPROACH	C[32.1]	D[39.1]	C[32.2]	C[32.3]	D[39.4]	C[32.5]	C[32.5]	D[40.5]	C[33.1]	C[32.5]	D[40.5]	C[33.1]
	SOUTHBOUND LEFT / THROUGH / RIGHT	C[32.7]	D[40.1]	C[32.5]	C[32.9]	D[40.5]	C[32.8]	C[33.0]	D[41.1]	C[33.2]	C[33.0]	D[41.1]	C[33.2]
	OVERALL INTERSECTION	**C[20.9]**	**B[16.6]**	**C[20.4]**	**C[23.8]**	**B[18.9]**	**C[22.5]**	**C[24.7]**	**C[22.3]**	**C[27.0]**	**C[24.9]**	**C[22.6]**	**C[27.4]**

NOTES:

THE ABOVE REPRESENTS THE LEVELS OF SERVICE AND VEHICLE DELAY IN SECONDS, B [13.2], FOR EACH MOVEMENT, FOR EACH APPROACH AS WELL AS FOR THE OVERALL INTERSECTION
FOR THE SIGNALIZED INTERSECTIONS AND THE LEVELS OF SERVICE AND AVERAGE TOTAL DELAY IN SECONDS, B [10.9], FOR THE UNSIGNALIZED INTERSECTIONS.

TABLE NO. 3

SUMMARY OF RECOMMENDED IMPROVEMENTS

	LOCATION	2011 NO-BUILD	2011 BUILD
1.	U.S. ROUTE 202 & NYS ROUTE 45	Complete NYSDOT planned improvements	Modify signal timing and upgrade signal coordination
2.	U.S. ROUTE 202 & THIELLS-MT. IVY ROAD	Complete NYSDOT planned improvements	Modify signal timing and upgrade signal coordination
3.	U.S. ROUTE 202 & PIP SB ON/OFF RAMP	Complete NYSDOT planned improvements	Widen to provide additional through lane in each directionon Route 202 through this intersection Coordinate traffic signal with adjacent traffic signals on Route 202
4.	U.S. ROUTE 202 & CAMP HILL ROAD	Modify Signal timings and provide signal coordination	Same as No-Build
5.	THIELLS - MT. IVY ROAD & PIP NB OFF RAMP	Monitor for signalization	Same as No-Build
6.	PIP SB ON/OFF RAMP & QUAKER ROAD	Monitor for signalization	Same as No-Build
7.	U.S. ROUTE 202 & PROOSED SITE ACCESS ROAD/EXISTING SHOPPING CENTER DRIVEWAY	Monitor for signalization	Install new traffic signal and interconnect Construct multilane driverway Widen Route 202 to provide additional eastbound through lane and a separate left turn lane and a separate left and right turn lanes on the westbound approach
8.	U.S. ROUTE 202 & PACESETTER SHOPPING CENTER (WEST)	None	Interconnect traffic signals on Route 202
9.	U.S. ROUTE 202 & RAMAPO PLAZA	None	Interconnect traffic signals on Route 202
10.	U.S. ROUTE 202 & MARTINO WAY	None	None
11	U.S. ROUTE 202 & PACESETTER SHOPPING CENTER (EAST)	None	None
12	U.S. ROUTE 202 & NYS ROUTE 306	None	None
13	NYS ROUTE 45 & OLD ROUTE 202/PARK & RIDE	Complete NYSDOT improvements	Same as No-Build
14	U.S. ROUTE 202 & CRYSTAL HILL CLUB/BALSAM ROAD	None	None

Notes: 1) Assumes completion of NYSDOT Route 202/PIP improvements
2) See Drawing CP-1 for Build improvements

APPENDIX "C"

CAPACITY ANALYSIS

HCS+: Signalized Intersections Release 5.3

Analyst: JCE
Agency: JOHN COLLINS ENGINEERS, P.C.
Date: OCTOBER 2008
Period: WEEKDAY PEAK AM HIGHWAY HOUR
Project ID: 1540AMEX1
E/W St: U.S. ROUTE 202

Inter.: U.S. ROUTE 202 & NYS ROUTE 45
Area Type: All other areas
Jurisd:
Year : 2008 EXISTING TRAFFIC VOLUMES
N/S St: NYS ROUTE 45

SIGNALIZED INTERSECTION SUMMARY

	Eastbound			Westbound			Northbound			Southbound		
	L	T	R	L	T	R	L	T	R	L	T	R
No. Lanes	1	1	1	1	1	0	1	1	1	0	1	0
LGConfig	L	T	R	L	TR		L	LT	R		LTR	
Volume	5	350	275	225	655	5	185	5	175	10	15	45
Lane Width	12.0	12.0	12.0	12.0	12.0		12.0	12.0	12.0		12.0	
RTOR Vol			0			0			0			0

Duration 0.25 Area Type: All other areas

Signal Operations

Phase Combination		1	2	3	4			5	6	7	8
EB	Left	A	A			NB	Left	A			
	Thru	A					Thru	A			
	Right	A					Right	A			
	Peds						Peds				
WB	Left	A	A			SB	Left		A		
	Thru	A					Thru		A		
	Right	A					Right		A		
	Peds						Peds				
NB	Right		A			EB	Right	A			
SB	Right					WB	Right				
Green		45.0	10.0					15.0	10.0		
Yellow		3.0	3.0					3.0	3.0		
All Red		2.0	2.0					2.0	2.0		

Cycle Length: 100.0 secs

Intersection Performance Summary

Appr/ Lane Grp	Lane Group Capacity	Adj Sat Flow Rate (s)	Ratios v/c	Ratios g/C	Lane Group Delay	Lane Group LOS	Approach Delay	Approach LOS
Eastbound								
L	365	1770	0.01	0.60	25.7	C		
T	838	1863	0.45	0.45	19.4	B	15.4	B
R	950	1583	0.31	0.60	10.1	B		
Westbound								
L	618	1770	0.40	0.60	16.8	B		
TR	837	1861	0.86	0.45	33.4	C	29.2	C
Northbound								
L	266	1770	0.42	0.15	39.6	D		
LT	267	1778	0.36	0.15	39.0	D	34.1	C
R	475	1583	0.40	0.30	28.4	C		
Southbound								
LTR	169	1688	0.45	0.10	44.3	D	44.3	D

Intersection Delay = 26.2 (sec/veh) Intersection LOS = C

HCS+: Signalized Intersections Release 5.3

Analyst: JCE
Agency: JOHN COLLINS ENGINEERS, P.C.
Date: OCTOBER 2008
Period: WEEKDAY PEAK PM HIGHWAY HOUR
Project ID: 1540PMEX1
E/W St: U.S. ROUTE 202

Inter.: U.S. ROUTE 202 & NYS ROUTE 45
Area Type: All other areas
Jurisd:
Year : 2008 EXISTING TRAFFIC VOLUMES
N/S St: NYS ROUTE 45

SIGNALIZED INTERSECTION SUMMARY

	Eastbound			Westbound			Northbound			Southbound		
	L	T	R	L	T	R	L	T	R	L	T	R
No. Lanes	1	1	1	1	1	0	1	1	1	0	1	0
LGConfig	L	T	R	L	TR		L	LT	R		LTR	
Volume	10	580	275	175	465	2	305	10	475	5	5	35
Lane Width	12.0	12.0	12.0	12.0	12.0		12.0	12.0	12.0		12.0	
RTOR Vol			0			0			0			0

Duration 0.25 Area Type: All other areas

Signal Operations

Phase Combination		1	2	3	4			5	6	7	8
EB	Left	A	A			NB	Left	A			
	Thru	A					Thru	A			
	Right	A					Right	A			
	Peds						Peds				
WB	Left	A	A			SB	Left		A		
	Thru	A					Thru		A		
	Right	A					Right		A		
	Peds						Peds				
NB	Right		A			EB	Right	A			
SB	Right					WB	Right				
Green		40.0	15.0					15.0	10.0		
Yellow		3.0	3.0					3.0	3.0		
All Red		2.0	2.0					2.0	2.0		

Cycle Length: 100.0 secs

Intersection Performance Summary

Appr/ Lane Grp	Lane Group Capacity	Adj Sat Flow Rate (s)	Ratios v/c	Ratios g/C	Lane Group Delay	Lane Group LOS	Approach Delay	Approach LOS
Eastbound								
L	557	1770	0.02	0.60	16.8	B		
T	745	1863	0.82	0.40	34.1	C	27.0	C
R	871	1583	0.33	0.55	12.6	B		
Westbound								
L	468	1770	0.39	0.60	28.3	C		
TR	745	1862	0.66	0.40	26.6	C	27.1	C
Northbound								
L	266	1770	0.63	0.15	44.5	D		
LT	267	1780	0.62	0.15	44.1	D	47.1	D
R	554	1583	0.90	0.35	48.9	D		
Southbound								
LTR	166	1656	0.28	0.10	42.6	D	42.6	D

Intersection Delay = 34.1 (sec/veh) Intersection LOS = C

HCS+: Signalized Intersections Release 5.3

Analyst: JCE
Agency: JOHN COLLINS ENGINEERS, P.C.
Date: OCTOBER 2008
Period: WEEKDAY PEAK SAT HIGHWAY HOUR
Project ID: 1540SATEX1
E/W St: U.S. ROUTE 202

Inter.: U.S. ROUTE 202 & NYS ROUTE 45
Area Type: All other areas
Jurisd:
Year : 2008 EXISTING TRAFFIC VOLUMES
N/S St: NYS ROUTE 45

SIGNALIZED INTERSECTION SUMMARY

	Eastbound			Westbound			Northbound			Southbound		
	L	T	R	L	T	R	L	T	R	L	T	R
No. Lanes	1	1	1	1	1	0	1	1	1	0	1	0
LGConfig	L	T	R	L	TR		L	LT	R	LTR		
Volume	5	485	235	130	475	5	230	5	220	5	5	15
Lane Width	12.0	12.0	12.0	12.0	12.0		12.0	12.0	12.0		12.0	
RTOR Vol			0			0			0			0

Duration 0.25 Area Type: All other areas

Signal Operations

Phase Combination		1	2	3	4			5	6	7	8
EB	Left	A	A			NB	Left	A			
	Thru	A					Thru	A			
	Right	A					Right	A			
	Peds						Peds				
WB	Left	A	A			SB	Left		A		
	Thru	A					Thru		A		
	Right	A					Right		A		
	Peds						Peds				
NB	Right		A			EB	Right	A			
SB	Right					WB	Right				
Green		40.0	15.0					15.0	10.0		
Yellow		3.0	3.0					3.0	3.0		
All Red		2.0	2.0					2.0	2.0		

Cycle Length: 100.0 secs

Intersection Performance Summary

Appr/ Lane Grp	Lane Group Capacity	Adj Sat Flow Rate (s)	Ratios v/c	Ratios g/C	Lane Group Delay	Lane Group LOS	Approach Delay	Approach LOS
Eastbound								
L	534	1770	0.01	0.60	17.8	B		
T	745	1863	0.71	0.40	28.2	C	23.0	C
R	871	1583	0.29	0.55	12.3	B		
Westbound								
L	530	1770	0.27	0.60	21.6	C		
TR	744	1860	0.70	0.40	27.9	C	26.6	C
Northbound								
L	266	1770	0.52	0.15	41.0	D		
LT	267	1777	0.44	0.15	39.8	D	33.2	C
R	554	1583	0.43	0.35	25.4	C		
Southbound								
LTR	169	1692	0.15	0.10	41.6	D	41.6	D

Intersection Delay = 27.0 (sec/veh) Intersection LOS = C

HCS+: Signalized Intersections Release 5.3

Analyst: JCE
Agency: JOHN COLLINS ENGINEERS, P.C.
Date: OCTOBER 2008
Period: WEEKDAY PEAK AM HIGHWAY HOUR
Project ID: 1540AMNB1
E/W St: U.S. ROUTE 202

Inter.: U.S. ROUTE 202 & NYS ROUTE 45
Area Type: All other areas
Jurisd: (FULL BUILD)
Year : 2011 NO-BUILD TRAFFIC VOLUMES
N/S St: NYS ROUTE 45

SIGNALIZED INTERSECTION SUMMARY

	Eastbound			Westbound			Northbound			Southbound		
	L	T	R	L	T	R	L	T	R	L	T	R
No. Lanes	1	1	1	1	1	0	1	1	1	0	1	0
LGConfig	L	T	R	L	TR		L	LT	R	LTR		
Volume	5	410	310	239	727	5	198	5	186	11	16	48
Lane Width	12.0	12.0	12.0	12.0	12.0		12.0	12.0	12.0		12.0	
RTOR Vol			0			0			0			0

Duration 0.25 Area Type: All other areas

Signal Operations

Phase Combination		1	2	3	4			5	6	7	8
EB	Left	A	A			NB	Left	A			
	Thru	A					Thru	A			
	Right	A					Right	A			
	Peds						Peds				
WB	Left	A	A			SB	Left		A		
	Thru	A					Thru		A		
	Right	A					Right		A		
	Peds						Peds				
NB	Right		A			EB	Right	A			
SB	Right					WB	Right				
Green		45.0	10.0					15.0	10.0		
Yellow		3.0	3.0					3.0	3.0		
All Red		2.0	2.0					2.0	2.0		

Cycle Length: 100.0 secs

Intersection Performance Summary

Appr/ Lane Grp	Lane Group Capacity	Adj Sat Flow Rate (s)	Ratios v/c	Ratios g/C	Lane Group Delay	Lane Group LOS	Approach Delay	Approach LOS
Eastbound								
L	341	1770	0.01	0.60	31.0	C		
T	838	1863	0.53	0.45	9.7	A	10.1	B
R	950	1583	0.35	0.60	10.4	B		
Westbound								
L	637	1770	0.41	0.60	14.8	B		
TR	837	1861	0.95	0.45	46.3	D	38.6	D
Northbound								
L	266	1770	0.44	0.15	39.9	D		
LT	267	1778	0.38	0.15	39.2	D	34.4	C
R	475	1583	0.43	0.30	28.7	C		
Southbound								
LTR	169	1689	0.48	0.10	44.7	D	44.7	D

Intersection Delay = 28.5 (sec/veh) Intersection LOS = C

HCS+: Signalized Intersections Release 5.3

Analyst: JCE
Agency: JOHN COLLINS ENGINEERS, P.C.
Date: OCTOBER 2008
Period: WEEKDAY PEAK PM HIGHWAY HOUR
Project ID: 1540PMNB1
E/W St: U.S. ROUTE 202

Inter.: U.S. ROUTE 202 & NYS ROUTE 45
Area Type: All other areas
Jurisd: (FULL BUILD)
Year : 2011 NO-BUILD TRAFFIC VOLUMES

N/S St: NYS ROUTE 45

SIGNALIZED INTERSECTION SUMMARY

	Eastbound			Westbound			Northbound			Southbound		
	L	T	R	L	T	R	L	T	R	L	T	R
No. Lanes	1	1	1	1	1	0	1	1	1	0	1	0
LGConfig	L	T	R	L	TR		L	LT	R		LTR	
Volume	11	657	312	186	529	2	332	11	504	5	5	37
Lane Width	12.0	12.0	12.0	12.0	12.0		12.0	12.0	12.0		12.0	
RTOR Vol			0			0			0			0

Duration 0.25 Area Type: All other areas

Signal Operations

Phase Combination		1	2	3	4			5	6	7	8
EB	Left	A	A			NB	Left	A			
	Thru	A					Thru	A			
	Right	A					Right	A			
	Peds						Peds				
WB	Left	A	A			SB	Left		A		
	Thru	A					Thru		A		
	Right	A					Right		A		
	Peds						Peds				
NB	Right		A			EB	Right	A			
SB	Right					WB	Right				
Green		40.0	15.0					15.0	10.0		
Yellow		3.0	3.0					3.0	3.0		
All Red		2.0	2.0					2.0	2.0		

Cycle Length: 100.0 secs

Intersection Performance Summary

Appr/ Lane Grp	Lane Group Capacity	Adj Sat Flow Rate (s)	Ratios v/c	Ratios g/C	Lane Group Delay	Lane Group LOS	Approach Delay	Approach LOS
Eastbound								
L	506	1770	0.02	0.60	19.5	B		
T	745	1863	0.93	0.40	33.9	C	27.1	C
R	871	1583	0.38	0.55	13.0	B		
Westbound								
L	428	1770	0.46	0.60	32.1	C		
TR	745	1862	0.75	0.40	30.0	C	30.5	C
Northbound								
L	266	1770	0.68	0.15	47.1	D		
LT	267	1780	0.67	0.15	46.8	D	54.6	D
R	554	1583	0.96	0.35	59.8	E		
Southbound								
LTR	165	1654	0.30	0.10	42.8	D	42.8	D

Intersection Delay = 37.3 (sec/veh) Intersection LOS = D

HCS+: Signalized Intersections Release 5.3

Analyst: JCE
Agency: JOHN COLLINS ENGINEERS, P.C.
Date: OCTOBER 2008
Period: WEEKDAY PEAK SAT HIGHWAY HOUR
Project ID: 1540SATNB1
E/W St: U.S. ROUTE 202

Inter.: U.S. ROUTE 202 & NYS ROUTE 45
Area Type: All other areas
Jurisd: (FULL BUILD)
Year : 2011 NO-BUILD TRAFFIC VOLUMES
N/S St: NYS ROUTE 45

SIGNALIZED INTERSECTION SUMMARY

	Eastbound			Westbound			Northbound			Southbound		
	L	T	R	L	T	R	L	T	R	L	T	R
No. Lanes	1	1	1	1	1	0	1	1	1	0	1	0
LGConfig	L	T	R	L	TR		L	LT	R	LTR		
Volume	5	546	261	138	531	5	251	5	233	5	5	16
Lane Width	12.0	12.0	12.0	12.0	12.0		12.0	12.0	12.0	12.0		
RTOR Vol			0			0			0			0

Duration 0.25 Area Type: All other areas

Signal Operations

Phase Combination		1	2	3	4			5	6	7	8
EB	Left	A	A			NB	Left	A			
	Thru	A					Thru	A			
	Right	A					Right	A			
	Peds						Peds				
WB	Left	A	A			SB	Left		A		
	Thru	A					Thru		A		
	Right	A					Right		A		
	Peds						Peds				
NB	Right		A			EB	Right	A			
SB	Right					WB	Right				
Green		40.0	15.0					15.0	10.0		
Yellow		3.0	3.0					3.0	3.0		
All Red		2.0	2.0					2.0	2.0		

Cycle Length: 100.0 secs

Intersection Performance Summary

Appr/ Lane Grp	Lane Group Capacity	Adj Sat Flow Rate (s)	Ratios v/c	Ratios g/C	Lane Group Delay	Lane Group LOS	Approach Delay	Approach LOS
Eastbound								
L	489	1770	0.01	0.60	20.4	C		
T	745	1863	0.80	0.40	32.4	C	26.0	C
R	871	1583	0.33	0.55	12.6	B		
Westbound								
L	481	1770	0.31	0.60	25.8	C		
TR	744	1860	0.78	0.40	31.6	C	30.4	C
Northbound								
L	266	1770	0.56	0.15	42.2	D		
LT	267	1777	0.48	0.15	40.3	D	33.9	C
R	554	1583	0.46	0.35	25.7	C		
Southbound								
LTR	169	1689	0.16	0.10	41.6	D	41.6	D

Intersection Delay = 29.6 (sec/veh) Intersection LOS = C

HCS+: Signalized Intersections Release 5.3

Analyst: JCE
Agency: JOHN COLLINS ENGINEERS, P.C.
Date: OCTOBER 2008
Period: WEEKDAY PEAK AM HIGHWAY HOUR
Project ID: 1540AMB1
E/W St: U.S. ROUTE 202

Inter.: U.S. ROUTE 202 & NYS ROUTE 45
Area Type: All other areas
Jurisd: (FULL BUILD)
Year : 2011 BUILD TRAFFIC VOLUMES
N/S St: NYS ROUTE 45

SIGNALIZED INTERSECTION SUMMARY

	Eastbound			Westbound			Northbound			Southbound		
	L	T	R	L	T	R	L	T	R	L	T	R
No. Lanes	1	1	1	1	1	0	1	1	1	0	1	0
LGConfig	L	T	R	L	TR		L	LT	R		LTR	
Volume	5	441	340	244	747	5	217	5	186	11	16	48
Lane Width	12.0	12.0	12.0	12.0	12.0		12.0	12.0	12.0		12.0	
RTOR Vol			0			0			0			0

Duration 0.25 Area Type: All other areas

Signal Operations

Phase Combination		1	2	3	4			5	6	7	8
EB	Left	A	A			NB	Left	A			
	Thru	A					Thru	A			
	Right	A					Right	A			
	Peds						Peds				
WB	Left	A	A			SB	Left		A		
	Thru	A					Thru		A		
	Right	A					Right		A		
	Peds						Peds				
NB	Right		A			EB	Right	A			
SB	Right					WB	Right				
Green		45.0	10.0					15.0	10.0		
Yellow		3.0	3.0					3.0	3.0		
All Red		2.0	2.0					2.0	2.0		

Cycle Length: 100.0 secs

Intersection Performance Summary

Appr/ Lane Grp	Lane Group Capacity	Adj Sat Flow Rate (s)	Ratios v/c	Ratios g/C	Lane Group Delay	Lane Group LOS	Approach Delay	Approach LOS
Eastbound								
L	341	1770	0.01	0.60	32.7	C		
T	838	1863	0.57	0.45	10.2	B	10.6	B
R	950	1583	0.39	0.60	10.7	B		
Westbound								
L	613	1770	0.43	0.60	16.0	B		
TR	837	1861	0.98	0.45	52.2	D	43.4	D
Northbound								
L	266	1770	0.49	0.15	40.4	D		
LT	267	1778	0.42	0.15	39.6	D	34.9	C
R	475	1583	0.43	0.30	28.7	C		
Southbound								
LTR	169	1689	0.48	0.10	44.7	D	44.7	D

Intersection Delay = 30.5 (sec/veh) Intersection LOS = C

HCS+: Signalized Intersections Release 5.3

Analyst: JCE
Agency: JOHN COLLINS ENGINEERS, P.C.
Date: OCTOBER 2008
Period: WEEKDAY PEAK PM HIGHWAY HOUR
Project ID: 1540PMB1
E/W St: U.S. ROUTE 202

Inter.: U.S. ROUTE 202 & NYS ROUTE 45
Area Type: All other areas
Jurisd: (FULL BUILD)
Year : 2011 BUILD TRAFFIC VOLUMES
N/S St: NYS ROUTE 45

SIGNALIZED INTERSECTION SUMMARY

	Eastbound			Westbound			Northbound			Southbound		
	L	T	R	L	T	R	L	T	R	L	T	R
No. Lanes	1	1	1	1	1	0	1	1	1	0	1	0
LGConfig	L	T	R	L	TR		L	LT	R	LTR		
Volume	11	735	368	197	600	2	388	11	504	5	5	37
Lane Width	12.0	12.0	12.0	12.0	12.0		12.0	12.0	12.0		12.0	
RTOR Vol			0			0			0			0

Duration 0.25 Area Type: All other areas

Signal Operations

Phase Combination		1	2	3	4			5	6	7	8
EB	Left	A	A			NB	Left	A			
	Thru	A					Thru	A			
	Right	A					Right	A			
	Peds						Peds				
WB	Left	A	A			SB	Left		A		
	Thru	A					Thru		A		
	Right	A					Right		A		
	Peds						Peds				
NB	Right		A			EB	Right	A			
SB	Right					WB	Right				
Green		40.0	15.0					15.0	10.0		
Yellow		3.0	3.0					3.0	3.0		
All Red		2.0	2.0					2.0	2.0		

Cycle Length: 100.0 secs

Intersection Performance Summary

Appr/ Lane Grp	Lane Group Capacity	Adj Sat Flow Rate (s)	Ratios v/c	Ratios g/C	Lane Group Delay	Lane Group LOS	Approach Delay	Approach LOS
Eastbound								
L	452	1770	0.03	0.60	23.2	C		
T	745	1863	1.04	0.40	60.2	E	44.5	D
R	871	1583	0.44	0.55	13.8	B		
Westbound								
L	428	1770	0.48	0.60	33.4	C		
TR	745	1862	0.85	0.40	36.6	D	35.8	D
Northbound								
L	266	1770	0.80	0.15	56.5	E		
LT	267	1779	0.78	0.15	54.6	D	58.0	E
R	554	1583	0.96	0.35	59.8	E		
Southbound								
LTR	165	1654	0.30	0.10	42.8	D	42.8	D

Intersection Delay = 46.3 (sec/veh) Intersection LOS = D

HCS+: Signalized Intersections Release 5.3

Analyst: JCE
Agency: JOHN COLLINS ENGINEERS, P.C.
Date: OCTOBER 2008
Period: WEEKDAY PEAK SAT HIGHWAY HOUR
Project ID: 1540SATB1
E/W St: U.S. ROUTE 202

Inter.: U.S. ROUTE 202 & NYS ROUTE 45
Area Type: All other areas
Jurisd: (FULL BUILD)
Year : 2011 BUILD TRAFFIC VOLUMES
N/S St: NYS ROUTE 45

SIGNALIZED INTERSECTION SUMMARY

	Eastbound			Westbound			Northbound			Southbound		
	L	T	R	L	T	R	L	T	R	L	T	R
No. Lanes	1	1	1	1	1	0	1	1	1	0	1	0
LGConfig	L	T	R	L	TR		L	LT	R	LTR		
Volume	5	649	334	143	628	5	296	5	233	5	5	16
Lane Width	12.0	12.0	12.0	12.0	12.0		12.0	12.0	12.0	12.0		
RTOR Vol			0			0			0			0

Duration 0.25 Area Type: All other areas

Signal Operations

Phase Combination		1	2	3	4			5	6	7	8
EB	Left	A	A			NB	Left	A			
	Thru	A					Thru	A			
	Right	A					Right	A			
	Peds						Peds				
WB	Left	A	A			SB	Left		A		
	Thru	A					Thru		A		
	Right	A					Right		A		
	Peds						Peds				
NB	Right		A			EB	Right	A			
SB	Right					WB	Right				
Green		40.0	15.0					15.0	10.0		
Yellow		3.0	3.0					3.0	3.0		
All Red		2.0	2.0					2.0	2.0		

Cycle Length: 100.0 secs

Intersection Performance Summary

Appr/ Lane Grp	Lane Group Capacity	Adj Sat Flow Rate (s)	Ratios v/c	Ratios g/C	Lane Group Delay	Lane Group LOS	Approach Delay	Approach LOS
Eastbound								
L	428	1770	0.01	0.60	26.2	C		
T	745	1863	0.95	0.40	49.9	D	37.4	D
R	871	1583	0.42	0.55	13.5	B		
Westbound								
L	428	1770	0.36	0.60	31.5	C		
TR	744	1861	0.92	0.40	45.9	D	43.3	D
Northbound								
L	266	1770	0.67	0.15	46.3	D		
LT	267	1777	0.56	0.15	42.1	D	36.3	D
R	554	1583	0.46	0.35	25.7	C		
Southbound								
LTR	169	1689	0.16	0.10	41.6	D	41.6	D

Intersection Delay = 39.2 (sec/veh) Intersection LOS = D

HCS+: Signalized Intersections Release 5.3

Analyst: JCE
Agency: JOHN COLLINS ENGINEERS, P.C.
Date: OCTOBER 2008
Period: WEEKDAY PEAK AM HIGHWAY HOUR
Project ID: 1540AMEX2
E/W St: U.S. ROUTE 202

Inter.: US RTE 202 & THIELLS-MT IVY RD
Area Type: All other areas
Jurisd:
Year : 2008 EXISTING TRAFFIC VOLUMES
N/S St: THIELLS-MT. IVY ROAD

SIGNALIZED INTERSECTION SUMMARY

	Eastbound			Westbound			Northbound			Southbound		
	L	T	R	L	T	R	L	T	R	L	T	R
No. Lanes	1	1	0	1	1	1	0	1	0	0	1	1
LGConfig	L	TR		L	T	R		LTR			LT	R
Volume	150	350	10	5	755	125	5	5	5	275	10	730
Lane Width	12.0	12.0		12.0	12.0	12.0		12.0			12.0	12.0
RTOR Vol			0			0			0			72

Duration 0.25 Area Type: All other areas

Signal Operations

Phase Combination		1	2	3	4			5	6	7	8
EB	Left	A	A			NB	Left	A			
	Thru	A	A				Thru	A			
	Right	A	A				Right	A			
	Peds						Peds				
WB	Left	A				SB	Left	A			
	Thru	A					Thru	A			
	Right	A					Right	A			
	Peds						Peds				
NB	Right					EB	Right				
SB	Right		A			WB	Right				
Green		45.0	10.0					30.0			
Yellow		3.0	3.0					3.0			
All Red		2.0	2.0					2.0			

Cycle Length: 100.0 secs

Intersection Performance Summary

Appr/ Lane Grp	Lane Group Capacity	Adj Sat Flow Rate (s)	Ratios v/c	Ratios g/C	Lane Group Delay	Lane Group LOS	Approach Delay	Approach LOS
Eastbound								
L	341	1770	0.48	0.60	37.2	D		
TR	1113	1855	0.35	0.60	10.3	B	18.2	B
Westbound								
L	385	855	0.01	0.45	15.2	B		
T	838	1863	0.98	0.45	53.1	D	47.8	D
R	712	1583	0.19	0.45	16.7	B		
Northbound								
LTR	489	1631	0.03	0.30	24.8	C	24.8	C
Southbound								
LT	404	1347	0.77	0.30	40.5	D	55.7	E
R	712	1583	1.00	0.45	62.3	E		

Intersection Delay = 44.4 (sec/veh) Intersection LOS = D

HCS+: Signalized Intersections Release 5.3

Analyst: JCE
Agency: JOHN COLLINS ENGINEERS, P.C.
Date: OCTOBER 2008
Period: WEEKDAY PEAK PM HIGHWAY HOUR
Project ID: 1540PMEX2
E/W St: U.S. ROUTE 202

Inter.: US RTE 202 & THEILLS-MT IVY RD
Area Type: All other areas
Jurisd:
Year : 2008 EXISTING TRAFFIC VOLUMES
N/S St: THIELLS-MT. IVY ROAD

SIGNALIZED INTERSECTION SUMMARY

	Eastbound			Westbound			Northbound			Southbound		
	L	T	R	L	T	R	L	T	R	L	T	R
No. Lanes	1	1	0	1	1	1	0	1	0	0	1	1
LGConfig	L	TR		L	T	R		LTR			LT	R
Volume	250	575	5	10	545	250	10	15	15	275	5	575
Lane Width	12.0	12.0		12.0	12.0	12.0		12.0			12.0	12.0
RTOR Vol			0			0			0			72

Duration 0.25 Area Type: All other areas

Signal Operations

Phase Combination		1	2	3	4			5	6	7	8
EB	Left	A	A			NB	Left	A			
	Thru	A	A				Thru	A			
	Right	A	A				Right	A			
	Peds						Peds				
WB	Left	A				SB	Left	A			
	Thru	A					Thru	A			
	Right	A					Right	A			
	Peds						Peds				
NB	Right					EB	Right				
SB	Right		A			WB	Right				
Green		40.0	15.0					30.0			
Yellow		3.0	3.0					3.0			
All Red		2.0	2.0					2.0			

Cycle Length: 100.0 secs

Intersection Performance Summary

Appr/ Lane Grp	Lane Group Capacity	Adj Sat Flow Rate (s)	Ratios v/c	Ratios g/C	Lane Group Delay	Lane Group LOS	Approach Delay	Approach LOS
Eastbound								
L	495	1770	0.53	0.60	29.2	C		
TR	1116	1860	0.55	0.60	12.5	B	17.5	B
Westbound								
L	198	495	0.06	0.40	18.5	B		
T	745	1863	0.77	0.40	31.0	C	28.0	C
R	633	1583	0.42	0.40	22.0	C		
Northbound								
LTR	484	1614	0.09	0.30	25.3	C	25.3	C
Southbound								
LT	390	1300	0.75	0.30	39.8	D	27.7	C
R	792	1583	0.67	0.50	20.9	C		

Intersection Delay = 24.3 (sec/veh) Intersection LOS = C

HCS+: Signalized Intersections Release 5.3

Analyst: JCE
Agency: JOHN COLLINS ENGINEERS, P.C.
Date: OCTOBER 2008
Period: WEEKDAY PEAK SAT HIGHWAY HOUR
Project ID: 1540SATEX2
E/W St: U.S. ROUTE 202

Inter.: US RTE 202 & THIELLS-MT IVY RD
Area Type: All other areas
Jurisd:
Year : 2008 EXISTING TRAFFIC VOLUMES
N/S St: THIELLS-MT. IVY ROAD

SIGNALIZED INTERSECTION SUMMARY

	Eastbound			Westbound			Northbound			Southbound		
	L	T	R	L	T	R	L	T	R	L	T	R
No. Lanes	1	1	0	1	1	1	0	1	0	0	1	1
LGConfig	L	TR		L	T	R		LTR			LT	R
Volume	130	445	5	5	575	140	5	5	5	275	5	450
Lane Width	12.0	12.0		12.0	12.0	12.0		12.0			12.0	12.0
RTOR Vol			0			0			0			72

Duration 0.25 Area Type: All other areas

Signal Operations

Phase Combination		1	2	3	4			5	6	7	8
EB	Left	A	A			NB	Left	A			
	Thru	A	A				Thru	A			
	Right	A	A				Right	A			
	Peds						Peds				
WB	Left	A				SB	Left	A			
	Thru	A					Thru	A			
	Right	A					Right	A			
	Peds						Peds				
NB	Right					EB	Right				
SB	Right		A			WB	Right				
Green		40.0	15.0					30.0			
Yellow		3.0	3.0					3.0			
All Red		2.0	2.0					2.0			

Cycle Length: 100.0 secs

Intersection Performance Summary

Appr/ Lane Grp	Lane Group Capacity	Adj Sat Flow Rate (s)	Ratios v/c	Ratios g/C	Lane Group Delay	Lane Group LOS	Approach Delay	Approach LOS
Eastbound								
L	458	1770	0.31	0.60	27.6	C		
TR	1116	1860	0.44	0.60	11.1	B	14.8	B
Westbound								
L	272	679	0.02	0.40	18.2	B		
T	745	1863	0.84	0.40	35.5	D	32.4	C
R	633	1583	0.24	0.40	20.1	C		
Northbound								
LTR	490	1633	0.03	0.30	24.8	C	24.8	C
Southbound								
LT	402	1339	0.76	0.30	39.7	D	26.9	C
R	792	1583	0.52	0.50	17.5	B		

Intersection Delay = 25.4 (sec/veh) Intersection LOS = C

HCS+: Signalized Intersections Release 5.3

Analyst: JCE
Agency: JOHN COLLINS ENGINEERS, P.C.
Date: OCTOBER 2008
Period: WEEKDAY PEAK AM HIGHWAY HOUR
Project ID: 1540AMNB2IM
E/W St: U.S. ROUTE 202

Inter.: US RTE 202 & THEILLS-MT IVY RD
Area Type: All other areas
Jurisd: (FULL BUILD)
Year : 2011 NO-BUILD TRAFFIC VOLUMES

N/S St: THIELLS-MT. IVY ROAD

SIGNALIZED INTERSECTION SUMMARY

	Eastbound			Westbound			Northbound			Southbound		
	L	T	R	L	T	R	L	T	R	L	T	R
No. Lanes	1	1	0	0	2	1	0	0	0	1	0	1
LGConfig	L	T			T	R				L		R
Volume	168	418			830	138				302		800
Lane Width	12.0	12.0			12.0	12.0				12.0		12.0
RTOR Vol						0						108

Duration 0.25 Area Type: All other areas

Signal Operations

Phase Combination	1	2	3	4		5	6	7	8
EB Left	A	A			NB Left				
Thru	A	A			Thru				
Right					Right				
Peds					Peds				
WB Left					SB Left	A			
Thru	A				Thru				
Right	A				Right	A			
Peds					Peds				
NB Right					EB Right				
SB Right		A			WB Right				
Green	38.0	15.0				32.0			
Yellow	3.0	3.0				3.0			
All Red	2.0	2.0				2.0			

Cycle Length: 100.0 secs

Intersection Performance Summary

Appr/ Lane Grp	Lane Group Capacity	Adj Sat Flow Rate (s)	Ratios v/c	Ratios g/C	Lane Group Delay	Lane Group LOS	Approach Delay	Approach LOS
Eastbound								
L	506	1770	0.36	0.58	21.7	C		
T	1081	1863	0.42	0.58	1.7	A	7.4	A
Westbound								
T	1348	3547	0.67	0.38	16.5	B	17.2	B
R	602	1583	0.25	0.38	21.4	C		
Northbound								
Southbound								
L	566	1770	0.58	0.32	29.9	C		
							34.5	C
R	823	1583	0.91	0.52	36.5	D		

Intersection Delay = 21.7 (sec/veh) Intersection LOS = C

HCS+: Signalized Intersections Release 5.3

Analyst: JCE
Agency: JOHN COLLINS ENGINEERS, P.C.
Date: OCTOBER 2008
Period: WEEKDAY PEAK PM HIGHWAY HOUR
Project ID: 1540PMNB2IM
E/W St: U.S. ROUTE 202

Inter.: US RTE 202 & THIELLS-MT IVY RD
Area Type: All other areas
Jurisd: (FULL BUILD)
Year : 2011 NO-BUILD TRAFFIC VOLUMES

N/S St: THIELLS-MT. IVY ROAD

SIGNALIZED INTERSECTION SUMMARY

	Eastbound			Westbound			Northbound			Southbound		
	L	T	R	L	T	R	L	T	R	L	T	R
No. Lanes	1	1	0	0	2	1	0	0	0	1	0	1
LGConfig	L	T			T	R				L		R
Volume	270	661			618	270				303		677
Lane Width	12.0	12.0			12.0	12.0				12.0		12.0
RTOR Vol						0						108

Duration 0.25 Area Type: All other areas

Signal Operations

Phase Combination	1	2	3	4		5	6	7	8
EB Left	A	A			NB Left				
Thru	A	A			Thru				
Right					Right				
Peds					Peds				
WB Left					SB Left	A			
Thru	A				Thru				
Right	A				Right	A			
Peds					Peds				
NB Right					EB Right				
SB Right		A			WB Right				
Green	37.0	15.0				33.0			
Yellow	3.0	3.0				3.0			
All Red	2.0	2.0				2.0			

Cycle Length: 100.0 secs

Intersection Performance Summary

Appr/ Lane Grp	Lane Group Capacity	Adj Sat Flow Rate (s)	Ratios v/c	Ratios g/C	Lane Group Delay	Lane Group LOS	Approach Delay	Approach LOS
Eastbound								
L	590	1770	0.48	0.57	19.6	B		
T	1062	1863	0.66	0.57	3.2	A	7.9	A
Westbound								
T	1312	3547	0.50	0.37	15.1	B	18.0	B
R	586	1583	0.48	0.37	24.8	C		
Northbound								
Southbound								
L	584	1770	0.55	0.33	28.5	C		
							23.4	C
R	839	1583	0.71	0.53	20.7	C		

Intersection Delay = 16.3 (sec/veh) Intersection LOS = B

HCS+: Signalized Intersections Release 5.3

Analyst: JCE
Agency: JOHN COLLINS ENGINEERS, P.C.
Date: OCTOBER 2008
Period: WEEKDAY PEAK SAT HIGHWAY HOUR
Project ID: 1540SATNB2IM
E/W St: U.S. ROUTE 202

Inter.: US RTE 202 & THEILLS-MT IVY RD
Area Type: All other areas
Jurisd: (FULL BUILD)
Year : 2011 NO-BUILD TRAFFIC VOLUMES
N/S St: THIELLS-MT. IVY ROAD

SIGNALIZED INTERSECTION SUMMARY

	Eastbound			Westbound			Northbound			Southbound		
	L	T	R	L	T	R	L	T	R	L	T	R
No. Lanes	1	1	0	0	2	1	0	0	0	1	0	1
LGConfig	L	T			T	R				L		R
Volume	144	505			639	153				303		524
Lane Width	12.0	12.0			12.0	12.0				12.0		12.0
RTOR Vol						0						108

Duration 0.25 Area Type: All other areas

Signal Operations

Phase Combination		1	2	3	4			5	6	7	8
EB	Left	A	A			NB	Left				
	Thru	A	A				Thru				
	Right						Right				
	Peds						Peds				
WB	Left					SB	Left	A			
	Thru	A					Thru				
	Right	A					Right	A			
	Peds						Peds				
NB	Right					EB	Right				
SB	Right		A			WB	Right				
Green		37.0	15.0					33.0			
Yellow		3.0	3.0					3.0			
All Red		2.0	2.0					2.0			

Cycle Length: 100.0 secs

Intersection Performance Summary

Appr/ Lane Grp	Lane Group Capacity	Adj Sat Flow Rate (s)	Ratios v/c	Ratios g/C	Lane Group Delay	Lane Group LOS	Approach Delay	Approach LOS
Eastbound								
L	573	1770	0.27	0.57	16.1	B		
T	1062	1863	0.52	0.57	2.0	A	5.1	A
Westbound								
T	1312	3547	0.53	0.37	15.4	B	16.8	B
R	586	1583	0.28	0.37	22.4	C		
Northbound								
Southbound								
L	584	1770	0.56	0.33	28.8	C		
							21.5	C
R	839	1583	0.54	0.53	16.2	B		

Intersection Delay = 14.8 (sec/veh) Intersection LOS = B

HCS+: Signalized Intersections Release 5.3

Analyst: JCE
Agency: JOHN COLLINS ENGINEERS, P.C.
Date: OCTOBER 2008
Period: WEEKDAY PEAK AM HIGHWAY HOUR
Project ID: 1540AMB2IM
E/W St: U.S. ROUTE 202

Inter.: US RTE 202 & THEILLS-MT IVY RD
Area Type: All other areas
Jurisd: (FULL BUILD)
Year : 2011 BUILD TRAFFIC VOLUMES
N/S St: THIELLS-MT. IVY ROAD

SIGNALIZED INTERSECTION SUMMARY

	Eastbound			Westbound			Northbound			Southbound		
	L	T	R	L	T	R	L	T	R	L	T	R
No. Lanes	1	1	0	0	2	1	0	0	0	1	0	1
LGConfig	L	T			T	R				L		R
Volume	180	468			868	143				313		863
Lane Width	12.0	12.0			12.0	12.0				12.0		12.0
RTOR Vol						0						108

Duration 0.25 Area Type: All other areas

Signal Operations

Phase Combination	1	2	3	4		5	6	7	8
EB Left	A	A			NB Left				
Thru	A	A			Thru				
Right					Right				
Peds					Peds				
WB Left					SB Left	A			
Thru	A				Thru				
Right	A				Right	A			
Peds					Peds				
NB Right					EB Right				
SB Right		A			WB Right				
Green	38.0	15.0				32.0			
Yellow	3.0	3.0				3.0			
All Red	2.0	2.0				2.0			

Cycle Length: 100.0 secs

Intersection Performance Summary

Appr/ Lane Grp	Lane Group Capacity	Adj Sat Flow Rate (s)	Ratios v/c	Ratios g/C	Lane Group Delay	Lane Group LOS	Approach Delay	Approach LOS
Eastbound								
L	492	1770	0.40	0.58	24.0	C		
T	1081	1863	0.47	0.58	1.8	A	8.0	A
Westbound								
T	1348	3547	0.70	0.38	17.1	B	17.7	B
R	602	1583	0.26	0.38	21.5	C		
Northbound								
Southbound								
L	566	1770	0.60	0.32	30.4	C		
							47.6	D
R	823	1583	1.00	0.52	54.7	D		

Intersection Delay = 27.1 (sec/veh) Intersection LOS = C

HCS+: Signalized Intersections Release 5.3

Analyst: JCE
Agency: JOHN COLLINS ENGINEERS, P.C.
Date: OCTOBER 2008
Period: WEEKDAY PEAK PM HIGHWAY HOUR
Project ID: 1540PMB2IM
E/W St: U.S. ROUTE 202

Inter.: US RTE 202 & THIELLS-MT IVY RD
Area Type: All other areas
Jurisd: (FULL BUILD)
Year : 2011 BUILD TRAFFIC VOLUMES
N/S St: THIELLS-MT. IVY ROAD

SIGNALIZED INTERSECTION SUMMARY

	Eastbound			Westbound			Northbound			Southbound		
	L	T	R	L	T	R	L	T	R	L	T	R
No. Lanes	1	1	0	0	2	1	0	0	0	1	0	1
LGConfig	L	T			T	R				L		R
Volume	297	790			740	286				308		893
Lane Width	12.0	12.0			12.0	12.0				12.0		12.0
RTOR Vol						0						108

Duration 0.25 Area Type: All other areas

Signal Operations

Phase Combination		1	2	3	4			5	6	7	8
EB	Left	A	A			NB	Left				
	Thru	A	A				Thru				
	Right						Right				
	Peds						Peds				
WB	Left					SB	Left	A			
	Thru	A					Thru				
	Right	A					Right	A			
	Peds						Peds				
NB	Right					EB	Right				
SB	Right		A			WB	Right				
Green		37.0	15.0					33.0			
Yellow		3.0	3.0					3.0			
All Red		2.0	2.0					2.0			

Cycle Length: 100.0 secs

Intersection Performance Summary

Appr/ Lane Grp	Lane Group Capacity	Adj Sat Flow Rate (s)	Ratios v/c	Ratios g/C	Lane Group Delay	Lane Group LOS	Approach Delay	Approach LOS
Eastbound								
L	540	1770	0.58	0.57	25.7	C		
T	1062	1863	0.78	0.57	5.8	A	11.3	B
Westbound								
T	1312	3547	0.59	0.37	16.2	B	18.7	B
R	586	1583	0.51	0.37	25.3	C		
Northbound								
Southbound								
L	584	1770	0.55	0.33	28.6	C		
							44.2	D
R	839	1583	0.98	0.53	50.3	D		

Intersection Delay = 24.9 (sec/veh) Intersection LOS = C

HCS+: Signalized Intersections Release 5.3

Analyst: JCE
Agency: JOHN COLLINS ENGINEERS, P.C.
Date: OCTOBER 2008
Period: WEEKDAY PEAK SAT HIGHWAY HOUR
Project ID: 1540SATB2IM
E/W St: U.S. ROUTE 202

Inter.: US RTE 202 & THEILLS-MT IVY RD
Area Type: All other areas
Jurisd: (FULL BUILD)
Year : 2011 BUILD TRAFFIC VOLUMES
N/S St: THIELLS-MT. IVY ROAD

SIGNALIZED INTERSECTION SUMMARY

	Eastbound			Westbound			Northbound			Southbound		
	L	T	R	L	T	R	L	T	R	L	T	R
No. Lanes	1	1	0	0	2	1	0	0	0	1	0	1
LGConfig	L	T			T	R				L		R
Volume	179	675			781	158				308		790
Lane Width	12.0	12.0			12.0	12.0				12.0		12.0
RTOR Vol						0						108

Duration 0.25 Area Type: All other areas

Signal Operations

Phase Combination		1	2	3	4			5	6	7	8
EB	Left	A	A			NB	Left				
	Thru	A	A				Thru				
	Right						Right				
	Peds						Peds				
WB	Left					SB	Left	A			
	Thru	A					Thru				
	Right	A					Right	A			
	Peds						Peds				
NB	Right					EB	Right				
SB	Right		A			WB	Right				
Green		37.0	15.0					33.0			
Yellow		3.0	3.0					3.0			
All Red		2.0	2.0					2.0			

Cycle Length: 100.0 secs

Intersection Performance Summary

Appr/ Lane Grp	Lane Group Capacity	Adj Sat Flow Rate (s)	Ratios v/c	Ratios g/C	Lane Group Delay	Lane Group LOS	Approach Delay	Approach LOS
Eastbound								
L	515	1770	0.38	0.57	21.8	C		
T	1062	1863	0.69	0.57	3.7	A	7.5	A
Westbound								
T	1312	3547	0.65	0.37	17.0	B	17.9	B
R	586	1583	0.29	0.37	22.5	C		
Northbound								
Southbound								
L	584	1770	0.57	0.33	29.1	C		
							30.9	C
R	839	1583	0.88	0.53	31.7	C		

Intersection Delay = 19.3 (sec/veh) Intersection LOS = B

HCS+: Signalized Intersections Release 5.3

Analyst: JCE
Agency: JOHN COLLINS ENGINEERS, P.C.
Date: OCTOBER 2008
Period: WEEKDAY PEAK AM HIGHWAY HOUR
Project ID: 1540AMEX3
E/W St: U.S. ROUTE 202

Inter.: US RT 202 & PIP SB ON/OFF RAMP
Area Type: All other areas
Jurisd:
Year : 2008 EXISTING TRAFFIC VOLUMES
N/S St: P.I.P. SOUTHBOUND ON/OFF RAMP

SIGNALIZED INTERSECTION SUMMARY

	Eastbound			Westbound			Northbound			Southbound		
	L	T	R	L	T	R	L	T	R	L	T	R
No. Lanes	1	1	0	1	1	1	0	1	0	0	1	1
LGConfig	L	TR		L	T	R		LTR			LT	R
Volume	205	380	5	15	600	875	5	5	5	125	5	195
Lane Width	12.0	12.0		12.0	12.0	12.0		12.0			12.0	12.0
RTOR Vol			0			0			0			0

Duration 0.25 Area Type: All other areas

Signal Operations

Phase Combination		1	2	3	4			5	6	7	8
EB	Left	A	A			NB	Left	A			
	Thru	A	A				Thru	A			
	Right	A	A				Right	A			
	Peds						Peds				
WB	Left	A				SB	Left	A			
	Thru	A					Thru	A			
	Right	A					Right	A			
	Peds						Peds				
NB	Right					EB	Right				
SB	Right		A			WB	Right	A			
Green		45.0	20.0					20.0			
Yellow		3.0	3.0					3.0			
All Red		2.0	2.0					2.0			

Cycle Length: 100.0 secs

Intersection Performance Summary

Appr/ Lane Grp	Lane Group Capacity	Adj Sat Flow Rate (s)	Ratios v/c	Ratios g/C	Lane Group Delay	Lane Group LOS	Approach Delay	Approach LOS
Eastbound								
L	589	1770	0.38	0.70	22.5	C		
TR	1301	1859	0.32	0.70	5.9	A	11.7	B
Westbound								
L	395	877	0.04	0.45	15.4	B		
T	838	1863	0.78	0.45	28.0	C	22.1	C
R	1108	1583	0.86	0.70	18.2	B		
Northbound								
LTR	330	1648	0.05	0.20	32.4	C	32.4	C
Southbound								
LT	269	1347	0.52	0.20	37.6	D	25.7	C
R	712	1583	0.30	0.45	17.7	B		

Intersection Delay = 20.1 (sec/veh) Intersection LOS = C

HCS+: Signalized Intersections Release 5.3

Analyst: JCE
Agency: JOHN COLLINS ENGINEERS, P.C.
Date: OCTOBER 2008
Period: WEEKDAY PEAK PM HIGHWAY HOUR
Project ID: 1540PMEX3
E/W St: U.S. ROUTE 202

Inter.: US RT 202 & PIP SB ON/OFF RAMP
Area Type: All other areas
Jurisd:
Year : 2008 EXISTING TRAFFIC VOLUMES
N/S St: P.I.P. SOUTHBOUND ON/OFF RAMP

SIGNALIZED INTERSECTION SUMMARY

	Eastbound			Westbound			Northbound			Southbound		
	L	T	R	L	T	R	L	T	R	L	T	R
No. Lanes	1	1	0	1	1	1	0	1	0	0	1	1
LGConfig	L	TR		L	T	R		LTR			LT	R
Volume	150	675	5	15	590	525	5	5	5	150	5	125
Lane Width	12.0	12.0		12.0	12.0	12.0		12.0			12.0	12.0
RTOR Vol			0			0			0			0

Duration 0.25 Area Type: All other areas

Signal Operations

Phase Combination		1	2	3	4			5	6	7	8
EB	Left	A	A			NB	Left	A			
	Thru	A	A				Thru	A			
	Right	A	A				Right	A			
	Peds						Peds				
WB	Left	A				SB	Left	A			
	Thru	A					Thru	A			
	Right	A					Right	A			
	Peds						Peds				
NB	Right					EB	Right				
SB	Right		A			WB	Right	A			
Green		45.0	20.0					20.0			
Yellow		3.0	3.0					3.0			
All Red		2.0	2.0					2.0			

Cycle Length: 100.0 secs

Intersection Performance Summary

Appr/ Lane Grp	Lane Group Capacity	Adj Sat Flow Rate (s)	Ratios v/c	Ratios g/C	Lane Group Delay	Lane Group LOS	Approach Delay	Approach LOS
Eastbound								
L	611	1770	0.26	0.70	18.4	B		
TR	1303	1861	0.55	0.70	7.8	A	9.7	A
Westbound								
L	221	491	0.07	0.45	15.8	B		
T	838	1863	0.74	0.45	26.2	C	17.3	B
R	1108	1583	0.50	0.70	7.3	A		
Northbound								
LTR	328	1641	0.05	0.20	32.4	C	32.4	C
Southbound								
LT	269	1345	0.61	0.20	40.3	D	29.7	C
R	712	1583	0.19	0.45	16.6	B		

Intersection Delay = 16.1 (sec/veh) Intersection LOS = B

HCS+: Signalized Intersections Release 5.3

Analyst: JCE
Agency: JOHN COLLINS ENGINEERS, P.C.
Date: OCTOBER 2008
Period: WEEKDAY PEAK SAT HIGHWAY HOUR
Project ID: 1540SATEX3
E/W St: U.S. ROUTE 202

Inter.: US RT 202 & PIP SB ON/OFF RAMP
Area Type: All other areas
Jurisd:
Year : 2008 EXISTING TRAFFIC VOLUMES
N/S St: P.I.P. SOUTHBOUND ON/OFF RAMP

SIGNALIZED INTERSECTION SUMMARY

	Eastbound			Westbound			Northbound			Southbound		
	L	T	R	L	T	R	L	T	R	L	T	R
No. Lanes	1	1	0	1	1	1	0	1	0	0	1	1
LGConfig	L	TR		L	T	R		LTR			LT	R
Volume	185	480	5	5	540	485	5	5	5	95	5	110
Lane Width	12.0	12.0		12.0	12.0	12.0		12.0			12.0	12.0
RTOR Vol			0			0			0			0

Duration 0.25 Area Type: All other areas

Signal Operations

Phase Combination		1	2	3	4			5	6	7	8
EB	Left	A	A			NB	Left	A			
	Thru	A	A				Thru	A			
	Right	A	A				Right	A			
	Peds						Peds				
WB	Left	A				SB	Left	A			
	Thru	A					Thru	A			
	Right	A					Right	A			
	Peds						Peds				
NB	Right					EB	Right				
SB	Right		A			WB	Right	A			
Green		48.0	17.0					20.0			
Yellow		3.0	3.0					3.0			
All Red		2.0	2.0					2.0			

Cycle Length: 100.0 secs

Intersection Performance Summary

Appr/ Lane Grp	Lane Group Capacity	Adj Sat Flow Rate (s)	Ratios v/c	Ratios g/C	Lane Group Delay	Lane Group LOS	Approach Delay	Approach LOS
Eastbound								
L	619	1770	0.32	0.70	16.9	B		
TR	1302	1860	0.40	0.70	6.5	A	9.4	A
Westbound								
L	354	738	0.01	0.48	13.6	B		
T	894	1863	0.66	0.48	21.5	C	14.1	B
R	1156	1583	0.46	0.73	5.7	A		
Northbound								
LTR	332	1658	0.05	0.20	32.3	C	32.3	C
Southbound								
LT	270	1351	0.40	0.20	35.8	D	26.6	C
R	665	1583	0.18	0.42	18.3	B		

Intersection Delay = 13.9 (sec/veh) Intersection LOS = B

HCS+: Signalized Intersections Release 5.3

Analyst: JCE
Agency: JOHN COLLINS ENGINEERS, P.C.
Date: OCTOBER 2008
Period: WEEKDAY PEAK AM HIGHWAY HOUR
Project ID: 1540AMNB3
E/W St: U.S. ROUTE 202

Inter.: US RT 202 & PIP SB ON/OFF RAMP
Area Type: All other areas
Jurisd: (FULL BUILD)
Year : 2011 NO-BUILD TRAFFIC VOLUMES
N/S St: P.I.P. SOUTHBOUND ON/OFF RAMP

SIGNALIZED INTERSECTION SUMMARY

	Eastbound			Westbound			Northbound			Southbound		
	L	T	R	L	T	R	L	T	R	L	T	R
No. Lanes	1	1	0	1	1	1	0	1	0	0	1	1
LGConfig	L	TR		L	T	R		LTR			LT	R
Volume	272	454	5	16	687	933	5	5	5	138	5	220
Lane Width	12.0	12.0		12.0	12.0	12.0		12.0			12.0	12.0
RTOR Vol			0			0			0			0

Duration 0.25 Area Type: All other areas

Signal Operations

Phase Combination		1	2	3	4			5	6	7	8
EB	Left	A	A			NB	Left	A			
	Thru	A	A				Thru	A			
	Right	A	A				Right	A			
	Peds						Peds				
WB	Left	A				SB	Left	A			
	Thru	A					Thru	A			
	Right	A					Right	A			
	Peds						Peds				
NB	Right					EB	Right				
SB	Right		A			WB	Right	A			
Green		45.0	20.0					20.0			
Yellow		3.0	3.0					3.0			
All Red		2.0	2.0					2.0			

Cycle Length: 100.0 secs

Intersection Performance Summary

Appr/ Lane Grp	Lane Group Capacity	Adj Sat Flow Rate (s)	Ratios v/c	Ratios g/C	Lane Group Delay	Lane Group LOS	Approach Delay	Approach LOS
Eastbound								
L	559	1770	0.53	0.70	27.2	C		
TR	1302	1860	0.38	0.70	1.2	A	10.9	B
Westbound								
L	403	896	0.04	0.45	15.5	B		
T	838	1863	0.89	0.45	23.3	C	23.7	C
R	1108	1583	0.92	0.70	24.2	C		
Northbound								
LTR	329	1644	0.05	0.20	32.4	C	32.4	C
Southbound								
LT	269	1345	0.58	0.20	39.2	D	26.4	C
R	712	1583	0.34	0.45	18.1	B		

Intersection Delay = 20.7 (sec/veh) Intersection LOS = C

HCS+: Signalized Intersections Release 5.3

Analyst: JCE
Agency: JOHN COLLINS ENGINEERS, P.C.
Date: OCTOBER 2008
Period: WEEKDAY PEAK PM HIGHWAY HOUR
Project ID: 1540PMNB3
E/W St: U.S. ROUTE 202

Inter.: US RT 202 & PIP SB ON/OFF RAMP
Area Type: All other areas
Jurisd: (FULL BUILD)
Year : 2011 NO-BUILD TRAFFIC VOLUMES
N/S St: P.I.P. SOUTHBOUND ON/OFF RAMP

SIGNALIZED INTERSECTION SUMMARY

	Eastbound			Westbound			Northbound			Southbound		
	L	T	R	L	T	R	L	T	R	L	T	R
No. Lanes	1	1	0	1	1	1	0	1	0	0	1	1
LGConfig	L	TR		L	T	R		LTR			LT	R
Volume	198	766	5	16	726	563	5	5	5	165	5	143
Lane Width	12.0	12.0		12.0	12.0	12.0		12.0			12.0	12.0
RTOR Vol			0			0			0			0

Duration 0.25 Area Type: All other areas

Signal Operations

Phase Combination		1	2	3	4			5	6	7	8
EB	Left	A	A			NB	Left	A			
	Thru	A	A				Thru	A			
	Right	A	A				Right	A			
	Peds						Peds				
WB	Left	A				SB	Left	A			
	Thru	A					Thru	A			
	Right	A					Right	A			
	Peds						Peds				
NB	Right					EB	Right				
SB	Right		A			WB	Right	A			
Green		45.0	20.0					20.0			
Yellow		3.0	3.0					3.0			
All Red		2.0	2.0					2.0			

Cycle Length: 100.0 secs

Intersection Performance Summary

Appr/ Lane Grp	Lane Group Capacity	Adj Sat Flow Rate (s)	Ratios v/c	Ratios g/C	Lane Group Delay	Lane Group LOS	Approach Delay	Approach LOS
Eastbound								
L	539	1770	0.39	0.70	26.0	C		
TR	1303	1861	0.62	0.70	2.3	A	7.1	A
Westbound								
L	301	670	0.06	0.45	15.6	B		
T	838	1863	0.91	0.45	25.8	C	17.8	B
R	1108	1583	0.54	0.70	7.7	A		
Northbound								
LTR	327	1637	0.05	0.20	32.4	C	32.4	C
Southbound								
LT	269	1344	0.67	0.20	43.0	D	31.1	C
R	712	1583	0.21	0.45	16.9	B		

Intersection Delay = 15.5 (sec/veh) Intersection LOS = B

HCS+: Signalized Intersections Release 5.3

Analyst: JCE
Agency: JOHN COLLINS ENGINEERS, P.C.
Date: OCTOBER 2008
Period: WEEKDAY PEAK SAT HIGHWAY HOUR
Project ID: 1540SATNB3
E/W St: U.S. ROUTE 202

Inter.: US RT 202 & PIP SB ON/OFF RAMP
Area Type: All other areas
Jurisd: (FULL BUILD)
Year : 2011 NO-BUILD TRAFFIC VOLUMES
N/S St: P.I.P. SOUTHBOUND ON/OFF RAMP

SIGNALIZED INTERSECTION SUMMARY

	Eastbound			Westbound			Northbound			Southbound		
	L	T	R	L	T	R	L	T	R	L	T	R
No. Lanes	1	1	0	1	1	1	0	1	0	0	1	1
LGConfig	L	TR		L	T	R		LTR			LT	R
Volume	230	542	5	5	642	520	5	5	5	107	5	124
Lane Width	12.0	12.0		12.0	12.0	12.0		12.0			12.0	12.0
RTOR Vol			0			0			0			0

Duration 0.25 Area Type: All other areas

Signal Operations

Phase Combination		1	2	3	4			5	6	7	8
EB	Left	A	A			NB	Left	A			
	Thru	A	A				Thru	A			
	Right	A	A				Right	A			
	Peds						Peds				
WB	Left	A				SB	Left	A			
	Thru	A					Thru	A			
	Right	A					Right	A			
	Peds						Peds				
NB	Right					EB	Right				
SB	Right		A			WB	Right	A			
Green		48.0	17.0					20.0			
Yellow		3.0	3.0					3.0			
All Red		2.0	2.0					2.0			

Cycle Length: 100.0 secs

Intersection Performance Summary

Appr/ Lane Grp	Lane Group Capacity	Adj Sat Flow Rate (s)	Ratios v/c	Ratios g/C	Lane Group Delay	Lane Group LOS	Approach Delay	Approach LOS
Eastbound								
L	538	1770	0.46	0.70	25.3	C		
TR	1302	1860	0.46	0.70	6.9	A	12.3	B
Westbound								
L	313	653	0.02	0.48	13.6	B		
T	894	1863	0.78	0.48	26.1	C	17.1	B
R	1156	1583	0.49	0.73	6.0	A		
Northbound								
LTR	331	1654	0.05	0.20	32.3	C	32.3	C
Southbound								
LT	270	1349	0.45	0.20	36.3	D	27.0	C
R	665	1583	0.20	0.42	18.5	B		

Intersection Delay = 16.6 (sec/veh) Intersection LOS = B

HCS+: Signalized Intersections Release 5.3

Analyst: JCE
Agency: JOHN COLLINS ENGINEERS, P.C.
Date: OCTOBER 2008
Period: WEEKDAY PEAK AM HIGHWAY HOUR
Project ID: 1540AMB3
E/W St: U.S. ROUTE 202

Inter.: US RT 202 & PIP SB ON/OFF RAMP
Area Type: All other areas
Jurisd: (FULL BUILD)
Year : 2011 BUILD TRAFFIC VOLUMES
N/S St: P.I.P. SOUTHBOUND ON/OFF RAMP

SIGNALIZED INTERSECTION SUMMARY

	Eastbound			Westbound			Northbound			Southbound		
	L	T	R	L	T	R	L	T	R	L	T	R
No. Lanes	1	1	0	1	1	1	0	1	0	0	1	1
LGConfig	L	TR		L	T	R		LTR			LT	R
Volume	354	515	6	16	783	933	5	5	5	138	5	231
Lane Width	12.0	12.0		12.0	12.0	12.0		12.0			12.0	12.0
RTOR Vol			0			0			0			0

Duration 0.25 Area Type: All other areas

Signal Operations

Phase Combination		1	2	3	4			5	6	7	8
EB	Left	A	A			NB	Left	A			
	Thru	A	A				Thru	A			
	Right	A	A				Right	A			
	Peds						Peds				
WB	Left	A				SB	Left	A			
	Thru	A					Thru	A			
	Right	A					Right	A			
	Peds						Peds				
NB	Right					EB	Right				
SB	Right		A			WB	Right	A			
Green		45.0	20.0					20.0			
Yellow		3.0	3.0					3.0			
All Red		2.0	2.0					2.0			

Cycle Length: 100.0 secs

Intersection Performance Summary

Appr/ Lane Grp	Lane Group Capacity	Adj Sat Flow Rate (s)	Ratios v/c	Ratios g/C	Lane Group Delay	Lane Group LOS	Approach Delay	Approach LOS
Eastbound								
L	518	1770	0.74	0.70	37.8	D		
TR	1301	1859	0.44	0.70	1.3	A	16.1	B
Westbound								
L	378	841	0.04	0.45	15.5	B		
T	838	1863	1.02	0.45	47.5	D	34.6	C
R	1108	1583	0.92	0.70	24.2	C		
Northbound								
LTR	329	1644	0.05	0.20	32.4	C	32.4	C
Southbound								
LT	269	1345	0.58	0.20	39.2	D	26.3	C
R	712	1583	0.35	0.45	18.3	B		

Intersection Delay = 28.2 (sec/veh) Intersection LOS = C

HCS+: Signalized Intersections Release 5.3

Analyst: JCE
Agency: JOHN COLLINS ENGINEERS, P.C.
Date: OCTOBER 2008
Period: WEEKDAY PEAK PM HIGHWAY HOUR
Project ID: 1540PMB3
E/W St: U.S. ROUTE 202

Inter.: US RT 202 & PIP SB ON/OFF RAMP
Area Type: All other areas
Jurisd: (FULL BUILD)
Year : 2011 BUILD TRAFFIC VOLUMES
N/S St: P.I.P. SOUTHBOUND ON/OFF RAMP

SIGNALIZED INTERSECTION SUMMARY

	Eastbound			Westbound			Northbound			Southbound		
	L	T	R	L	T	R	L	T	R	L	T	R
No. Lanes	1	1	0	1	1	1	0	1	0	0	1	1
LGConfig	L	TR		L	T	R		LTR			LT	R
Volume	386	922	5	16	1054	563	5	5	5	165	5	181
Lane Width	12.0	12.0		12.0	12.0	12.0		12.0			12.0	12.0
RTOR Vol			0			0			0			0

Duration 0.25 Area Type: All other areas

Signal Operations

Phase Combination		1	2	3	4			5	6	7	8
EB	Left	A	A			NB	Left	A			
	Thru	A	A				Thru	A			
	Right	A	A				Right	A			
	Peds						Peds				
WB	Left	A				SB	Left	A			
	Thru	A					Thru	A			
	Right	A					Right	A			
	Peds						Peds				
NB	Right					EB	Right				
SB	Right		A			WB	Right	A			
Green		45.0	20.0					20.0			
Yellow		3.0	3.0					3.0			
All Red		2.0	2.0					2.0			

Cycle Length: 100.0 secs

Intersection Performance Summary

Appr/ Lane Grp	Lane Group Capacity	Adj Sat Flow Rate (s)	Ratios v/c	Ratios g/C	Lane Group Delay	Lane Group LOS	Approach Delay	Approach LOS
Eastbound								
L	518	1770	0.78	0.70	40.3	D		
TR	1303	1861	0.75	0.70	4.0	A	14.7	B
Westbound								
L	258	574	0.07	0.45	15.7	B		
T	838	1863	1.32	0.45	167.9	F	111.2	F
R	1108	1583	0.54	0.70	7.7	A		
Northbound								
LTR	327	1637	0.05	0.20	32.4	C	32.4	C
Southbound								
LT	269	1344	0.67	0.20	43.0	D	29.8	C
R	712	1583	0.27	0.45	17.4	B		

Intersection Delay = 63.9 (sec/veh) Intersection LOS = E

HCS+: Signalized Intersections Release 5.3

Analyst: JCE
Agency: JOHN COLLINS ENGINEERS, P.C.
Date: OCTOBER 2008
Period: WEEKDAY PEAK SAT HIGHWAY HOUR
Project ID: 1540SATB3
E/W St: U.S. ROUTE 202

Inter.: US RT 202 & PIP SB ON/OFF RAMP
Area Type: All other areas
Jurisd: (FULL BUILD)
Year : 2011 BUILD TRAFFIC VOLUMES
N/S St: P.I.P. SOUTHBOUND ON/OFF RAMP

SIGNALIZED INTERSECTION SUMMARY

	Eastbound			Westbound			Northbound			Southbound		
	L	T	R	L	T	R	L	T	R	L	T	R
No. Lanes	1	1	0	1	1	1	0	1	0	0	1	1
LGConfig	L	TR		L	T	R		LTR			LT	R
Volume	476	747	5	5	1046	520	5	5	5	107	5	172
Lane Width	12.0	12.0		12.0	12.0	12.0		12.0			12.0	12.0
RTOR Vol			0			0			0			0

Duration 0.25 Area Type: All other areas

Signal Operations

Phase Combination		1	2	3	4			5	6	7	8
EB	Left	A	A			NB	Left	A			
	Thru	A	A				Thru	A			
	Right	A	A				Right	A			
	Peds						Peds				
WB	Left	A				SB	Left	A			
	Thru	A					Thru	A			
	Right	A					Right	A			
	Peds						Peds				
NB	Right					EB	Right				
SB	Right		A			WB	Right	A			
Green		48.0	17.0					20.0			
Yellow		3.0	3.0					3.0			
All Red		2.0	2.0					2.0			

Cycle Length: 100.0 secs

Intersection Performance Summary

Appr/ Lane Grp	Lane Group Capacity	Adj Sat Flow Rate (s)	Ratios v/c	Ratios g/C	Lane Group Delay	Lane Group LOS	Approach Delay	Approach LOS
Eastbound								
L	463	1770	1.12	0.70	114.5	F		
TR	1303	1861	0.63	0.70	9.0	A	49.9	D
Westbound								
L	187	390	0.03	0.48	13.8	B		
T	894	1863	1.27	0.48	157.1	F	106.7	F
R	1156	1583	0.49	0.73	6.0	A		
Northbound								
LTR	331	1654	0.05	0.20	32.3	C	32.3	C
Southbound								
LT	270	1349	0.45	0.20	36.3	D	26.0	C
R	665	1583	0.28	0.42	19.3	B		

Intersection Delay = 76.4 (sec/veh) Intersection LOS = E

HCS+: Signalized Intersections Release 5.3

Analyst: JCE
Agency: JOHN COLLINS ENGINEERS, P.C.
Date: OCTOBER 2008
Period: WEEKDAY PEAK AM HIGHWAY HOUR
Project ID: 1540AMEX4
E/W St: U.S. ROUTE 202

Inter.: U.S. ROUTE 202 & CAMP HILL RD
Area Type: All other areas
Jurisd:
Year : 2008 EXISTING TRAFFIC VOLUMES

N/S St: CAMP HILL ROAD

SIGNALIZED INTERSECTION SUMMARY

	Eastbound			Westbound			Northbound			Southbound		
	L	T	R	L	T	R	L	T	R	L	T	R
No. Lanes	0	1	0	0	1	0	0	1	0	0	1	0
LGConfig		LTR			LTR			LTR			LTR	
Volume	25	375	5	30	665	25	10	20	50	90	20	55
Lane Width		12.0			12.0			12.0			12.0	
RTOR Vol			0			0			0			0

Duration 0.25 Area Type: All other areas

Signal Operations

Phase Combination		1	2	3	4			5	6	7	8
EB	Left	A				NB	Left	A			
	Thru	A					Thru	A			
	Right	A					Right	A			
	Peds						Peds				
WB	Left	A				SB	Left	A			
	Thru	A					Thru	A			
	Right	A					Right	A			
	Peds						Peds				
NB	Right					EB	Right				
SB	Right					WB	Right				
Green		60.0						30.0			
Yellow		3.0						3.0			
All Red		2.0						2.0			

Cycle Length: 100.0 secs

Intersection Performance Summary

Appr/ Lane Grp	Lane Group Capacity	Adj Sat Flow Rate (s)	Ratios v/c	Ratios g/C	Lane Group Delay	Lane Group LOS	Approach Delay	Approach LOS
Eastbound								
LTR	1025	1709	0.47	0.60	11.5	B	11.5	B
Westbound								
LTR	1071	1785	0.80	0.60	19.9	B	19.9	B
Northbound								
LTR	471	1570	0.20	0.30	26.3	C	26.3	C
Southbound								
LTR	393	1310	0.50	0.30	29.8	C	29.8	C

Intersection Delay = 19.0 (sec/veh) Intersection LOS = B

HCS+: Signalized Intersections Release 5.3

Analyst: JCE
Agency: JOHN COLLINS ENGINEERS, P.C.
Date: OCTOBER 2008
Period: WEEKDAY PEAK PM HIGHWAY HOUR
Project ID: 1540PMEX4
E/W St: U.S. ROUTE 202

Inter.: U.S. ROUTE 202 & CAMP HILL RD
Area Type: All other areas
Jurisd:
Year : 2008 EXISTING TRAFFIC VOLUMES

N/S St: CAMP HILL ROAD

SIGNALIZED INTERSECTION SUMMARY

	Eastbound			Westbound			Northbound			Southbound		
	L	T	R	L	T	R	L	T	R	L	T	R
No. Lanes	0	1	0	0	1	0	0	1	0	0	1	0
LGConfig		LTR			LTR			LTR			LTR	
Volume	30	550	10	55	455	110	5	25	75	55	15	25
Lane Width		12.0			12.0			12.0			12.0	
RTOR Vol			0			0			0			0

Duration 0.25 Area Type: All other areas

Signal Operations

Phase Combination	1	2	3	4		5	6	7	8
EB Left	A				NB Left	A			
Thru	A				Thru	A			
Right	A				Right	A			
Peds					Peds				
WB Left	A				SB Left	A			
Thru	A				Thru	A			
Right	A				Right	A			
Peds					Peds				
NB Right					EB Right				
SB Right					WB Right				
Green	60.0					30.0			
Yellow	3.0					3.0			
All Red	2.0					2.0			

Cycle Length: 100.0 secs

Intersection Performance Summary

Appr/ Lane Grp	Lane Group Capacity	Adj Sat Flow Rate (s)	Ratios v/c	Ratios g/C	Lane Group Delay	Lane Group LOS	Approach Delay	Approach LOS
Eastbound								
LTR	1054	1757	0.59	0.60	13.3	B	13.3	B
Westbound								
LTR	971	1618	0.67	0.60	15.3	B	15.3	B
Northbound								
LTR	480	1601	0.23	0.30	26.6	C	26.6	C
Southbound								
LTR	398	1325	0.25	0.30	26.8	C	26.8	C

Intersection Delay = 16.0 (sec/veh) Intersection LOS = B

HCS+: Signalized Intersections Release 5.3

Analyst: JCE
Agency: JOHN COLLINS ENGINEERS, P.C.
Date: OCTOBER 2008
Period: SATURDAY PEAK HOUR
Project ID: 1540SATEX4
E/W St: U.S. ROUTE 202

Inter.: U.S. ROUTE 202 & CAMP HILL RD
Area Type: All other areas
Jurisd:
Year : 2008 EXISTING TRAFFIC VOLUMES

N/S St: CAMP HILL ROAD

SIGNALIZED INTERSECTION SUMMARY

	Eastbound			Westbound			Northbound			Southbound		
	L	T	R	L	T	R	L	T	R	L	T	R
No. Lanes	0	1	0	0	1	0	0	1	0	0	1	0
LGConfig		LTR			LTR			LTR			LTR	
Volume	65	345	40	65	370	90	40	70	75	70	30	45
Lane Width		12.0			12.0			12.0			12.0	
RTOR Vol			0			0			0			0

Duration 0.25 Area Type: All other areas

Signal Operations

Phase Combination		1	2	3	4			5	6	7	8
EB	Left	A				NB	Left	A			
	Thru	A					Thru	A			
	Right	A					Right	A			
	Peds						Peds				
WB	Left	A				SB	Left	A			
	Thru	A					Thru	A			
	Right	A					Right	A			
	Peds						Peds				
NB	Right					EB	Right				
SB	Right					WB	Right				
Green		60.0						30.0			
Yellow		3.0						3.0			
All Red		2.0						2.0			

Cycle Length: 100.0 secs

Intersection Performance Summary

Appr/ Lane Grp	Lane Group Capacity	Adj Sat Flow Rate (s)	Ratios v/c	Ratios g/C	Lane Group Delay	Lane Group LOS	Approach Delay	Approach LOS
Eastbound								
LTR	940	1566	0.52	0.60	12.2	B	12.2	B
Westbound								
LTR	962	1603	0.59	0.60	13.4	B	13.4	B
Northbound								
LTR	466	1552	0.43	0.30	28.8	C	28.8	C
Southbound								
LTR	392	1307	0.40	0.30	28.6	C	28.6	C

Intersection Delay = 16.8 (sec/veh) Intersection LOS = B

HCS+: Signalized Intersections Release 5.3

Analyst: JCE
Agency: JOHN COLLINS ENGINEERS, P.C.
Date: OCTOBER 2008
Period: WEEKDAY PEAK AM HIGHWAY HOUR
Project ID: 1540AMNB4
E/W St: U.S. ROUTE 202

Inter.: U.S. ROUTE 202 & CAMP HILL RD
Area Type: All other areas
Jurisd: (FULL BUILD)
Year : 2011 NO-BUILD TRAFFIC VOLUMES
N/S St: CAMP HILL ROAD

SIGNALIZED INTERSECTION SUMMARY

	Eastbound			Westbound			Northbound			Southbound		
	L	T	R	L	T	R	L	T	R	L	T	R
No. Lanes	0	1	0	0	1	0	0	1	0	0	1	0
LGConfig		LTR			LTR			LTR			LTR	
Volume	41	501	5	32	745	31	11	21	53	98	21	68
Lane Width		12.0			12.0			12.0			12.0	
RTOR Vol			0			0			0			0

Duration 0.25 Area Type: All other areas

Signal Operations

Phase Combination	1	2	3	4	5	6	7	8
EB Left	A				NB Left A			
Thru	A				Thru A			
Right	A				Right A			
Peds					Peds			
WB Left	A				SB Left A			
Thru	A				Thru A			
Right	A				Right A			
Peds					Peds			
NB Right					EB Right			
SB Right					WB Right			
Green	60.0				30.0			
Yellow	3.0				3.0			
All Red	2.0				2.0			

Cycle Length: 100.0 secs

Intersection Performance Summary

Appr/ Lane Grp	Lane Group Capacity	Adj Sat Flow Rate (s)	Ratios v/c	Ratios g/C	Lane Group Delay	Lane Group LOS	Approach Delay	Approach LOS
Eastbound								
LTR	977	1628	0.67	0.60	15.1	B	15.1	B
Westbound								
LTR	1061	1769	0.91	0.60	13.3	B	13.3	B
Northbound								
LTR	469	1562	0.22	0.30	26.4	C	26.4	C
Southbound								
LTR	390	1301	0.57	0.30	31.6	C	31.6	C

Intersection Delay = 16.7 (sec/veh) Intersection LOS = B

HCS+: Signalized Intersections Release 5.3

Analyst: JCE
Agency: JOHN COLLINS ENGINEERS, P.C.
Date: OCTOBER 2008
Period: WEEKDAY PEAK PM HIGHWAY HOUR
Project ID: 1540PMNB4
E/W St: U.S. ROUTE 202

Inter.: U.S. ROUTE 202 & CAMP HILL RD
Area Type: All other areas
Jurisd: (FULL BUILD)
Year : 2011 NO-BUILD TRAFFIC VOLUMES
N/S St: CAMP HILL ROAD

SIGNALIZED INTERSECTION SUMMARY

	Eastbound			Westbound			Northbound			Southbound		
	L	T	R	L	T	R	L	T	R	L	T	R
No. Lanes	0	1	0	0	1	0	0	1	0	0	1	0
LGConfig		LTR			LTR			LTR			LTR	
Volume	42	648	11	58	590	120	5	27	80	62	16	41
Lane Width		12.0			12.0			12.0			12.0	
RTOR Vol			0			0			0			0

Duration 0.25 Area Type: All other areas

Signal Operations

Phase Combination	1	2	3	4			5	6	7	8
EB Left	A				NB	Left	A			
Thru	A					Thru	A			
Right	A					Right	A			
Peds						Peds				
WB Left	A				SB	Left	A			
Thru	A					Thru	A			
Right	A					Right	A			
Peds						Peds				
NB Right					EB	Right				
SB Right					WB	Right				
Green	65.0						25.0			
Yellow	3.0						3.0			
All Red	2.0						2.0			

Cycle Length: 100.0 secs

Intersection Performance Summary

Appr/ Lane Grp	Lane Group Capacity	Adj Sat Flow Rate (s)	Ratios v/c	Ratios g/C	Lane Group Delay	Lane Group LOS	Approach Delay	Approach LOS
Eastbound								
LTR	1108	1705	0.67	0.65	12.3	B	12.3	B
Westbound								
LTR	1055	1623	0.77	0.65	5.2	A	5.2	A
Northbound								
LTR	400	1600	0.29	0.25	30.8	C	30.8	C
Southbound								
LTR	334	1335	0.37	0.25	31.7	C	31.7	C

Intersection Delay = 11.7 (sec/veh) Intersection LOS = B

HCS+: Signalized Intersections Release 5.3

Analyst: JCE
Agency: JOHN COLLINS ENGINEERS, P.C.
Date: OCTOBER 2008
Period: SATURDAY PEAK HOUR
Project ID: 1540SATNB4
E/W St: U.S. ROUTE 202

Inter.: U.S. ROUTE 202 & CAMP HILL RD
Area Type: All other areas
Jurisd: (FULL BUILD)
Year : 2011 NO-BUILD TRAFFIC VOLUMES

N/S St: CAMP HILL ROAD

SIGNALIZED INTERSECTION SUMMARY

	Eastbound			Westbound			Northbound			Southbound		
	L	T	R	L	T	R	L	T	R	L	T	R
No. Lanes	0	1	0	0	1	0	0	1	0	0	1	0
LGConfig		LTR			LTR			LTR			LTR	
Volume	69	433	42	69	469	95	42	74	80	74	32	48
Lane Width		12.0			12.0			12.0			12.0	
RTOR Vol			0			0			0			0

Duration 0.25 Area Type: All other areas

Signal Operations

Phase Combination	1	2	3	4		5	6	7	8
EB Left	A				NB Left	A			
Thru	A				Thru	A			
Right	A				Right	A			
Peds					Peds				
WB Left	A				SB Left	A			
Thru	A				Thru	A			
Right	A				Right	A			
Peds					Peds				
NB Right					EB Right				
SB Right					WB Right				
Green	62.0					28.0			
Yellow	3.0					3.0			
All Red	2.0					2.0			

Cycle Length: 100.0 secs

Intersection Performance Summary

Appr/ Lane Grp	Lane Group Capacity	Adj Sat Flow Rate (s)	Ratios v/c	Ratios g/C	Lane Group Delay	Lane Group LOS	Approach Delay	Approach LOS
Eastbound								
LTR	965	1556	0.61	0.62	12.8	B	12.8	B
Westbound								
LTR	991	1599	0.69	0.62	3.8	A	3.8	A
Northbound								
LTR	433	1548	0.49	0.28	30.9	C	30.9	C
Southbound								
LTR	348	1243	0.48	0.28	31.0	C	31.0	C

Intersection Delay = 13.2 (sec/veh) Intersection LOS = B

HCS+: Signalized Intersections Release 5.3

Analyst: JCE
Agency: JOHN COLLINS ENGINEERS, P.C.
Date: OCTOBER 2008
Period: WEEKDAY PEAK AM HIGHWAY HOUR
Project ID: 1540AMB4
E/W St: U.S. ROUTE 202

Inter.: U.S. ROUTE 202 & CAMP HILL RD
Area Type: All other areas
Jurisd: (FULL BUILD)
Year : 2011 BUILD TRAFFIC VOLUMES
N/S St: CAMP HILL ROAD

SIGNALIZED INTERSECTION SUMMARY

	Eastbound			Westbound			Northbound			Southbound		
	L	T	R	L	T	R	L	T	R	L	T	R
No. Lanes	0	1	0	0	1	0	0	1	0	0	1	0
LGConfig		LTR			LTR			LTR			LTR	
Volume	41	537	5	43	804	42	11	21	61	107	21	68
Lane Width		12.0			12.0			12.0			12.0	
RTOR Vol			0			0			0			0

Duration 0.25 Area Type: All other areas

Signal Operations

Phase Combination	1	2	3	4		5	6	7	8
EB Left	A				NB Left	A			
Thru	A				Thru	A			
Right	A				Right	A			
Peds					Peds				
WB Left	A				SB Left	A			
Thru	A				Thru	A			
Right	A				Right	A			
Peds					Peds				
NB Right					EB Right				
SB Right					WB Right				
Green	60.0					30.0			
Yellow	3.0					3.0			
All Red	2.0					2.0			

Cycle Length: 100.0 secs

Intersection Performance Summary

Appr/ Lane Grp	Lane Group Capacity	Adj Sat Flow Rate (s)	Ratios v/c	Ratios g/C	Lane Group Delay	Lane Group LOS	Approach Delay	Approach LOS
Eastbound								
LTR	973	1622	0.71	0.60	16.4	B	16.4	B
Westbound								
LTR	1040	1734	1.02	0.60	35.6	D	35.6	D
Northbound								
LTR	468	1561	0.24	0.30	26.6	C	26.6	C
Southbound								
LTR	382	1273	0.61	0.30	32.8	C	32.8	C

Intersection Delay = 28.5 (sec/veh) Intersection LOS = C

HCS+: Signalized Intersections Release 5.3

Analyst: JCE
Agency: JOHN COLLINS ENGINEERS, P.C.
Date: OCTOBER 2008
Period: WEEKDAY PEAK PM HIGHWAY HOUR
Project ID: 1540PMB4
E/W St: U.S. ROUTE 202

Inter.: U.S. ROUTE 202 & CAMP HILL RD
Area Type: All other areas
Jurisd: (FULL BUILD)
Year : 2011 BUILD TRAFFIC VOLUMES
N/S St: CAMP HILL ROAD

SIGNALIZED INTERSECTION SUMMARY

	Eastbound			Westbound			Northbound			Southbound		
	L	T	R	L	T	R	L	T	R	L	T	R
No. Lanes	0	1	0	0	1	0	0	1	0	0	1	0
LGConfig		LTR			LTR			LTR			LTR	
Volume	42	776	11	85	705	146	5	27	108	91	16	41
Lane Width		12.0			12.0			12.0			12.0	
RTOR Vol			0			0			0			0

Duration 0.25 Area Type: All other areas

Signal Operations

Phase Combination	1	2	3	4	5	6	7	8
EB Left	A				NB Left A			
Thru	A				Thru A			
Right	A				Right A			
Peds					Peds			
WB Left	A				SB Left A			
Thru	A				Thru A			
Right	A				Right A			
Peds					Peds			
NB Right					EB Right			
SB Right					WB Right			
Green	65.0				25.0			
Yellow	3.0				3.0			
All Red	2.0				2.0			

Cycle Length: 100.0 secs

Intersection Performance Summary

Appr/ Lane Grp	Lane Group Capacity	Adj Sat Flow Rate (s)	Ratios v/c	Ratios g/C	Lane Group Delay	Lane Group LOS	Approach Delay	Approach LOS
Eastbound								
LTR	1103	1697	0.79	0.65	16.6	B	16.6	B
Westbound								
LTR	1002	1541	0.98	0.65	26.7	C	26.7	C
Northbound								
LTR	398	1592	0.37	0.25	31.6	C	31.6	C
Southbound								
LTR	281	1124	0.56	0.25	35.1	D	35.1	D

Intersection Delay = 23.6 (sec/veh) Intersection LOS = C

HCS+: Signalized Intersections Release 5.3

Analyst: JCE
Agency: JOHN COLLINS ENGINEERS, P.C.
Date: OCTOBER 2008
Period: SATURDAY PEAK HOUR
Project ID: 1540SATB4
E/W St: U.S. ROUTE 202

Inter.: U.S. ROUTE 202 & CAMP HILL RD
Area Type: All other areas
Jurisd: (FULL BUILD)
Year : 2011 BUILD TRAFFIC VOLUMES

N/S St: CAMP HILL ROAD

SIGNALIZED INTERSECTION SUMMARY

	Eastbound			Westbound			Northbound			Southbound		
	L	T	R	L	T	R	L	T	R	L	T	R
No. Lanes	0	1	0	0	1	0	0	1	0	0	1	0
LGConfig		LTR			LTR			LTR			LTR	
Volume	69	581	42	104	618	131	42	74	115	109	32	48
Lane Width		12.0			12.0			12.0			12.0	
RTOR Vol			0			0			0			0

Duration 0.25 Area Type: All other areas

Signal Operations

Phase Combination	1	2	3	4	5	6	7	8
EB Left	A				NB Left	A		
Thru	A				Thru	A		
Right	A				Right	A		
Peds					Peds			
WB Left	A				SB Left	A		
Thru	A				Thru	A		
Right	A				Right	A		
Peds					Peds			
NB Right					EB Right			
SB Right					WB Right			
Green	62.0					28.0		
Yellow	3.0					3.0		
All Red	2.0					2.0		

Cycle Length: 100.0 secs

Intersection Performance Summary

Appr/ Lane Grp	Lane Group Capacity	Adj Sat Flow Rate (s)	Ratios v/c	Ratios g/C	Lane Group Delay	Lane Group LOS	Approach Delay	Approach LOS
Eastbound								
LTR	954	1538	0.79	0.62	18.7	B	18.7	B
Westbound								
LTR	924	1490	1.00	0.62	33.1	C	33.1	C
Northbound								
LTR	432	1544	0.58	0.28	32.9	C	32.9	C
Southbound								
LTR	286	1020	0.72	0.28	40.8	D	40.8	D

Intersection Delay = 28.7 (sec/veh) Intersection LOS = C

HCS+: Unsignalized Intersections Release 5.3

TWO-WAY STOP CONTROL SUMMARY

Analyst: JCE
Agency/Co.: JOHN COLLINS ENGINEERS, P.C.
Date Performed: OCTOBER 2008
Analysis Time Period: WEEKDAY PEAK AM HIGHWAY HOUR
Intersection: THEILLS-MT IVY RD & PIP NB OFF
Jurisdiction:
Units: U. S. Customary
Analysis Year: 2008 EXISTING TRAFFIC VOLUMES
Project ID: 1540AMEX5
East/West Street: P.I.P. NORTHBOUND OFF RAMP
North/South Street: THIELLS-MT. IVY ROAD
Intersection Orientation: NS Study period (hrs): 0.25

Vehicle Volumes and Adjustments

Major Street: Approach	Northbound			Southbound		
Movement	1	2	3	4	5	6
	L	T	R	L	T	R
Volume		280			790	
Peak-Hour Factor, PHF		0.92			0.92	
Hourly Flow Rate, HFR		304			858	
Percent Heavy Vehicles		--	--		--	--
Median Type/Storage	Undivided		/			
RT Channelized?						
Lanes		1			1	
Configuration		T			T	
Upstream Signal?		No			No	

Minor Street: Approach	Westbound			Eastbound		
Movement	7	8	9	10	11	12
	L	T	R	L	T	R
Volume				125		225
Peak Hour Factor, PHF				0.92		0.92
Hourly Flow Rate, HFR				135		244
Percent Heavy Vehicles				0		0
Percent Grade (%)		0			0	
Flared Approach: Exists?/Storage			/			/
Lanes				1		1
Configuration				L		R

Delay, Queue Length, and Level of Service

Approach	NB	SB	Westbound			Eastbound		
Movement	1	4	7	8	9	10	11	12
Lane Config						L		R
v (vph)						135		244
C(m) (vph)						218		359
v/c						0.62		0.68
95% queue length						3.62		4.78
Control Delay						45.1		33.8
LOS						E		D
Approach Delay							37.9	
Approach LOS							E	

HCS+: Unsignalized Intersections Release 5.3

TWO-WAY STOP CONTROL SUMMARY

Analyst: JCE
Agency/Co.: JOHN COLLINS ENGINEERS, P.C.
Date Performed: OCTOBER 2008
Analysis Time Period: WEEKDAY PEAK PM HIGHWAY HOUR
Intersection: THEILLS-MT IVY RD & PIP NB OFF
Jurisdiction:
Units: U. S. Customary
Analysis Year: 2008 EXISTING TRAFFIC VOLUMES
Project ID: 1540PMEX5
East/West Street: P.I.P. NORTHBOUND OFF RAMP
North/South Street: THIELLS-MT. IVY ROAD
Intersection Orientation: NS Study period (hrs): 0.25

Vehicle Volumes and Adjustments

Major Street: Approach	Northbound			Southbound		
Movement	1	2	3	4	5	6
	L	T	R	L	T	R
Volume		515			530	
Peak-Hour Factor, PHF		0.92			0.92	
Hourly Flow Rate, HFR		559			576	
Percent Heavy Vehicles		--	--		--	--
Median Type/Storage	Undivided		/			
RT Channelized?						
Lanes		1			1	
Configuration		T			T	
Upstream Signal?		No			No	

Minor Street: Approach	Westbound			Eastbound		
Movement	7	8	9	10	11	12
	L	T	R	L	T	R
Volume				350		325
Peak Hour Factor, PHF				0.92		0.92
Hourly Flow Rate, HFR				380		353
Percent Heavy Vehicles				0		0
Percent Grade (%)		0			0	
Flared Approach: Exists?/Storage			/			/
Lanes				1		1
Configuration				L		R

Delay, Queue Length, and Level of Service

Approach	NB	SB	Westbound			Eastbound		
Movement	1	4	7	8	9	10	11	12
Lane Config						L		R
v (vph)						380		353
C(m) (vph)						226		521
v/c						1.68		0.68
95% queue length						24.96		5.08
Control Delay						362.8		25.2
LOS						F		D
Approach Delay							200.2	
Approach LOS							F	

HCS+: Unsignalized Intersections Release 5.3

TWO-WAY STOP CONTROL SUMMARY

Analyst: JCE
Agency/Co.: JOHN COLLINS ENGINEERS, P.C.
Date Performed: OCTOBER 2008
Analysis Time Period: WEEKDAY PEAK SAT HIGHWAY HOUR
Intersection: THEILLS-MT IVY RD & PIP NB OFF
Jurisdiction:
Units: U. S. Customary
Analysis Year: 2008 EXISTING TRAFFIC VOLUMES
Project ID: 1540SATEX5
East/West Street: P.I.P. NORTHBOUND OFF RAMP
North/South Street: THIELLS-MT. IVY ROAD
Intersection Orientation: NS Study period (hrs): 0.25

Vehicle Volumes and Adjustments

Major Street: Approach	Northbound			Southbound		
Movement	1	2	3	4	5	6
	L	T	R	L	T	R
Volume		275			480	
Peak-Hour Factor, PHF		0.92			0.92	
Hourly Flow Rate, HFR		298			521	
Percent Heavy Vehicles		--	--		--	--
Median Type/Storage	Undivided		/			
RT Channelized?						
Lanes		1			1	
Configuration		T			T	
Upstream Signal?		No			No	

Minor Street: Approach	Westbound			Eastbound		
Movement	7	8	9	10	11	12
	L	T	R	L	T	R
Volume				246		250
Peak Hour Factor, PHF				0.92		0.92
Hourly Flow Rate, HFR				267		271
Percent Heavy Vehicles				0		0
Percent Grade (%)		0			0	
Flared Approach: Exists?/Storage			/			/
Lanes				1		1
Configuration				L		R

Delay, Queue Length, and Level of Service

Approach	NB	SB	Westbound			Eastbound		
Movement	1	4	7	8	9	10	11	12
Lane Config						L		R
v (vph)						267		271
C(m) (vph)						348		559
v/c						0.77		0.48
95% queue length						6.15		2.63
Control Delay						42.4		17.3
LOS						E		C
Approach Delay							29.8	
Approach LOS							D	

HCS+: Unsignalized Intersections Release 5.3

TWO-WAY STOP CONTROL SUMMARY

Analyst:	JCE
Agency/Co.:	JOHN COLLINS ENGINEERS, P.C.
Date Performed:	OCTOBER 2008
Analysis Time Period:	WEEKDAY PEAK AM HIGHWAY HOUR
Intersection:	THEILLS-MT IVY RD & PIP NB OFF
Jurisdiction:	(FULL BUILD)
Units: U. S. Customary	
Analysis Year:	2011 NO-BUILD TRAFFIC VOLUMES
Project ID: 1540AMNB5	
East/West Street:	P.I.P. NORTHBOUND OFF RAMP
North/South Street:	THIELLS-MT. IVY ROAD
Intersection Orientation: NS	Study period (hrs): 0.25

Vehicle Volumes and Adjustments

Major Street: Approach	Northbound			Southbound		
Movement	1	2	3	4	5	6
	L	T	R	L	T	R
Volume		311			844	
Peak-Hour Factor, PHF		0.92			0.92	
Hourly Flow Rate, HFR		338			917	
Percent Heavy Vehicles		--	--		--	--
Median Type/Storage	Undivided		/			
RT Channelized?						
Lanes		1			1	
Configuration		T			T	
Upstream Signal?		No			No	

Minor Street: Approach	Westbound			Eastbound		
Movement	7	8	9	10	11	12
	L	T	R	L	T	R
Volume				133		268
Peak Hour Factor, PHF				0.92		0.92
Hourly Flow Rate, HFR				144		291
Percent Heavy Vehicles				0		0
Percent Grade (%)		0			0	
Flared Approach: Exists?/Storage			/			/
Lanes				1		1
Configuration				L		R

Delay, Queue Length, and Level of Service

Approach	NB	SB	Westbound			Eastbound		
Movement	1	4	7	8	9	10	11	12
Lane Config						L		R
v (vph)						144		291
C(m) (vph)						191		332
v/c						0.75		0.88
95% queue length						4.98		8.19
Control Delay						65.7		59.1
LOS						F		F
Approach Delay							61.3	
Approach LOS							F	

HCS+: Unsignalized Intersections Release 5.3

TWO-WAY STOP CONTROL SUMMARY

Analyst: JCE
Agency/Co.: JOHN COLLINS ENGINEERS, P.C.
Date Performed: OCTOBER 2008
Analysis Time Period: WEEKDAY PEAK PM HIGHWAY HOUR
Intersection: THEILLS-MT IVY RD & PIP NB OFF
Jurisdiction: (FULL BUILD)
Units: U. S. Customary
Analysis Year: 2011 NO-BUILD TRAFFIC VOLUMES
Project ID: 1540PMNB5
East/West Street: P.I.P. NORTHBOUND OFF RAMP
North/South Street: THIELLS-MT. IVY ROAD
Intersection Orientation: NS Study period (hrs): 0.25

Vehicle Volumes and Adjustments

Major Street: Approach	Northbound			Southbound		
Movement	1	2	3	4	5	6
	L	T	R	L	T	R
Volume		556			577	
Peak-Hour Factor, PHF		0.92			0.92	
Hourly Flow Rate, HFR		604			627	
Percent Heavy Vehicles		--	--		--	--
Median Type/Storage	Undivided		/			
RT Channelized?						
Lanes		1			1	
Configuration		T			T	
Upstream Signal?		No			No	

Minor Street: Approach	Westbound			Eastbound		
Movement	7	8	9	10	11	12
	L	T	R	L	T	R
Volume				371		408
Peak Hour Factor, PHF				0.92		0.92
Hourly Flow Rate, HFR				403		443
Percent Heavy Vehicles				0		0
Percent Grade (%)		0			0	
Flared Approach: Exists?/Storage				/		/
Lanes				1		1
Configuration				L		R

Delay, Queue Length, and Level of Service

Approach	NB	SB	Westbound			Eastbound		
Movement	1	4	7	8	9	10	11	12
Lane Config						L		R
v (vph)						403		443
C(m) (vph)						198		487
v/c						2.04		0.91
95% queue length						30.57		10.43
Control Delay						522.4		50.7
LOS						F		F
Approach Delay							275.4	
Approach LOS							F	

HCS+: Unsignalized Intersections Release 5.3

TWO-WAY STOP CONTROL SUMMARY

Analyst: JCE
Agency/Co.: JOHN COLLINS ENGINEERS, P.C.
Date Performed: OCTOBER 2008
Analysis Time Period: WEEKDAY PEAK SAT HIGHWAY HOUR
Intersection: THEILLS-MT IVY RD & PIP NB OFF
Jurisdiction: (FULL BUILD)
Units: U. S. Customary
Analysis Year: 2011 NO-BUILD TRAFFIC VOLUMES
Project ID: 1540SATNB5
East/West Street: P.I.P. NORTHBOUND OFF RAMP
North/South Street: THIELLS-MT. IVY ROAD
Intersection Orientation: NS Study period (hrs): 0.25

Vehicle Volumes and Adjustments

Major Street: Approach	Northbound			Southbound		
Movement	1	2	3	4	5	6
	L	T	R	L	T	R
Volume		303			521	
Peak-Hour Factor, PHF		0.92			0.92	
Hourly Flow Rate, HFR		329			566	
Percent Heavy Vehicles		--	--		--	--
Median Type/Storage	Undivided		/			
RT Channelized?						
Lanes		1			1	
Configuration		T			T	
Upstream Signal?		No			No	

Minor Street: Approach	Westbound			Eastbound		
Movement	7	8	9	10	11	12
	L	T	R	L	T	R
Volume				260		311
Peak Hour Factor, PHF				0.92		0.92
Hourly Flow Rate, HFR				282		338
Percent Heavy Vehicles				0		0
Percent Grade (%)		0			0	
Flared Approach: Exists?/Storage				/		/
Lanes				1		1
Configuration				L		R

Delay, Queue Length, and Level of Service

Approach	NB	SB	Westbound			Eastbound		
Movement	1	4	7	8	9	10	11	12
Lane Config						L		R
v (vph)						282		338
C(m) (vph)						314		528
v/c						0.90		0.64
95% queue length						8.48		4.49
Control Delay						65.4		23.2
LOS						F		C
Approach Delay							42.4	
Approach LOS							E	

HCS+: Unsignalized Intersections Release 5.3

TWO-WAY STOP CONTROL SUMMARY

Analyst: JCE
Agency/Co.: JOHN COLLINS ENGINEERS, P.C.
Date Performed: OCTOBER 2008
Analysis Time Period: WEEKDAY PEAK AM HIGHWAY HOUR
Intersection: THEILLS-MT IVY RD & PIP NB OFF
Jurisdiction: (FULL BUILD)
Units: U. S. Customary
Analysis Year: 2011 BUILD TRAFFIC VOLUMES
Project ID: 1540AMB5
East/West Street: P.I.P. NORTHBOUND OFF RAMP
North/South Street: THIELLS-MT. IVY ROAD
Intersection Orientation: NS Study period (hrs): 0.25

Vehicle Volumes and Adjustments

Major Street: Approach	Northbound			Southbound		
Movement	1	2	3	4	5	6
	L	T	R	L	T	R
Volume		322			853	
Peak-Hour Factor, PHF		0.92			0.92	
Hourly Flow Rate, HFR		349			927	
Percent Heavy Vehicles		--	--		--	--
Median Type/Storage	Undivided		/			
RT Channelized?						
Lanes		1			1	
Configuration		T			T	
Upstream Signal?		No			No	

Minor Street: Approach	Westbound			Eastbound		
Movement	7	8	9	10	11	12
	L	T	R	L	T	R
Volume				133		323
Peak Hour Factor, PHF				0.92		0.92
Hourly Flow Rate, HFR				144		351
Percent Heavy Vehicles				0		0
Percent Grade (%)		0			0	
Flared Approach: Exists?/Storage			/			/
Lanes				1		1
Configuration				L		R

Delay, Queue Length, and Level of Service

Approach	NB	SB	Westbound			Eastbound		
Movement	1	4	7	8	9	10	11	12
Lane Config						L		R
v (vph)						144		351
C(m) (vph)						186		328
v/c						0.77		1.07
95% queue length						5.18		13.00
Control Delay						70.1		106.1
LOS						F		F
Approach Delay							95.7	
Approach LOS							F	

HCS+: Unsignalized Intersections Release 5.3

TWO-WAY STOP CONTROL SUMMARY

Analyst: JCE
Agency/Co.: JOHN COLLINS ENGINEERS, P.C.
Date Performed: OCTOBER 2008
Analysis Time Period: WEEKDAY PEAK PM HIGHWAY HOUR
Intersection: THEILLS-MT IVY RD & PIP NB OFF
Jurisdiction: (FULL BUILD)
Units: U. S. Customary
Analysis Year: 2011 BUILD TRAFFIC VOLUMES
Project ID: 1540PMB5
East/West Street: P.I.P. NORTHBOUND OFF RAMP
North/South Street: THIELLS-MT. IVY ROAD
Intersection Orientation: NS Study period (hrs): 0.25

Vehicle Volumes and Adjustments

Major Street: Approach	Northbound			Southbound		
Movement	1	2	3	4	5	6
	L	T	R	L	T	R
Volume		583			606	
Peak-Hour Factor, PHF		0.92			0.92	
Hourly Flow Rate, HFR		633			658	
Percent Heavy Vehicles		--	--		--	--
Median Type/Storage	Undivided		/			
RT Channelized?						
Lanes		1			1	
Configuration		T			T	
Upstream Signal?		No			No	

Minor Street: Approach	Westbound			Eastbound		
Movement	7	8	9	10	11	12
	L	T	R	L	T	R
Volume				371		595
Peak Hour Factor, PHF				0.92		0.92
Hourly Flow Rate, HFR				403		646
Percent Heavy Vehicles				0		0
Percent Grade (%)		0			0	
Flared Approach: Exists?/Storage			/			/
Lanes				1		1
Configuration				L		R

Delay, Queue Length, and Level of Service

Approach	NB	SB	Westbound			Eastbound		
Movement	1	4	7	8	9	10	11	12
Lane Config						L		R
v (vph)						403		646
C(m) (vph)						182		468
v/c						2.21		1.38
95% queue length						32.30		30.26
Control Delay						605.2		208.3
LOS						F		F
Approach Delay							360.8	
Approach LOS							F	

HCS+: Unsignalized Intersections Release 5.3

TWO-WAY STOP CONTROL SUMMARY

Analyst: JCE
Agency/Co.: JOHN COLLINS ENGINEERS, P.C.
Date Performed: OCTOBER 2008
Analysis Time Period: WEEKDAY PEAK SAT HIGHWAY HOUR
Intersection: THEILLS-MT IVY RD & PIP NB OFF
Jurisdiction: (FULL BUILD)
Units: U. S. Customary
Analysis Year: 2011 BUILD TRAFFIC VOLUMES
Project ID: 1540SATB5
East/West Street: P.I.P. NORTHBOUND OFF RAMP
North/South Street: THIELLS-MT. IVY ROAD
Intersection Orientation: NS Study period (hrs): 0.25

Vehicle Volumes and Adjustments

Major Street: Approach	Northbound			Southbound		
Movement	1	2	3	4	5	6
	L	T	R	L	T	R
Volume		338			556	
Peak-Hour Factor, PHF		0.92			0.92	
Hourly Flow Rate, HFR		367			604	
Percent Heavy Vehicles		--	--		--	--
Median Type/Storage	Undivided		/			
RT Channelized?						
Lanes		1			1	
Configuration		T			T	
Upstream Signal?		No			No	

Minor Street: Approach	Westbound			Eastbound		
Movement	7	8	9	10	11	12
	L	T	R	L	T	R
Volume				260		541
Peak Hour Factor, PHF				0.92		0.92
Hourly Flow Rate, HFR				282		588
Percent Heavy Vehicles				0		0
Percent Grade (%)		0			0	
Flared Approach: Exists?/Storage			/			/
Lanes				1		1
Configuration				L		R

Delay, Queue Length, and Level of Service

Approach	NB	SB	Westbound			Eastbound		
Movement	1	4	7	8	9	10	11	12
Lane Config						L		R
v (vph)						282		588
C(m) (vph)						283		502
v/c						1.00		1.17
95% queue length						10.22		21.17
Control Delay						92.5		123.3
LOS						F		F
Approach Delay							113.3	
Approach LOS							F	

HCS+: Signalized Intersections Release 5.3

Analyst: JCE
Agency: JOHN COLLINS ENGINEERS, P.C.
Date: OCTOBER 2008
Period: WEEKDAY PEAK AM HIGHWAY HOUR
Project ID: 1540AMNB5
E/W St: P.I.P. NORTHBOUND OFF RAMP

Inter.: THEILLS-MT IVY RD & PIP NB OFF
Area Type: All other areas
Jurisd: (FULL BUILD)
Year : 2011 NO-BUILD TRAFFIC VOLUMES
N/S St: THIELLS-MT. IVY ROAD

SIGNALIZED INTERSECTION SUMMARY

	Eastbound			Westbound			Northbound			Southbound		
	L	T	R	L	T	R	L	T	R	L	T	R
No. Lanes	1	0	1	0	0	0	0	1	0	0	1	0
LGConfig	L		R					T			T	
Volume	133		268					311			844	
Lane Width	12.0		12.0					12.0			12.0	
RTOR Vol			0									

Duration 0.25 Area Type: All other areas

Signal Operations

Phase Combination		1	2	3	4			5	6	7	8
EB	Left		A			NB	Left				
	Thru						Thru	A			
	Right		A				Right				
	Peds						Peds				
WB	Left					SB	Left				
	Thru						Thru	A			
	Right						Right				
	Peds						Peds				
NB	Right					EB	Right				
SB	Right					WB	Right				
Green			30.0					60.0			
Yellow			3.0					3.0			
All Red			2.0					2.0			

Cycle Length: 100.0 secs

Intersection Performance Summary

Appr/ Lane Grp	Lane Group Capacity	Adj Sat Flow Rate (s)	Ratios v/c	Ratios g/C	Lane Group Delay	Lane Group LOS	Approach Delay	Approach LOS
Eastbound								
L	542	1805	0.27	0.30	26.9	C		
							30.3	C
R	485	1615	0.60	0.30	31.9	C		
Westbound								
Northbound								
T	1118	1863	0.30	0.60	9.9	A	9.9	A
Southbound								
T	1118	1863	0.82	0.60	20.7	C	20.7	C

Intersection Delay = 21.0 (sec/veh) Intersection LOS = C

HCS+: Signalized Intersections Release 5.3

Analyst: JCE
Agency: JOHN COLLINS ENGINEERS, P.C.
Date: OCTOBER 2008
Period: WEEKDAY PEAK PM HIGHWAY HOUR
Project ID: 1540PMNB5
E/W St: P.I.P. NORTHBOUND OFF RAMP

Inter.: THEILLS-MT IVY RD & PIP NB OFF
Area Type: All other areas
Jurisd: (FULL BUILD)
Year : 2011 NO-BUILD TRAFFIC VOLUMES
N/S St: THIELLS-MT. IVY ROAD

SIGNALIZED INTERSECTION SUMMARY

	Eastbound			Westbound			Northbound			Southbound		
	L	T	R	L	T	R	L	T	R	L	T	R
No. Lanes	1	0	1	0	0	0	0	1	0	0	1	0
LGConfig	L		R					T			T	
Volume	371		408					556			577	
Lane Width	12.0		12.0					12.0			12.0	
RTOR Vol			0									

Duration 0.25 Area Type: All other areas

Signal Operations

Phase Combination	1	2	3	4	5	6	7	8
EB Left		A			NB Left			
Thru					Thru	A		
Right		A			Right			
Peds					Peds			
WB Left					SB Left			
Thru					Thru	A		
Right					Right			
Peds					Peds			
NB Right					EB Right			
SB Right					WB Right			
Green		40.0				50.0		
Yellow		3.0				3.0		
All Red		2.0				2.0		

Cycle Length: 100.0 secs

Intersection Performance Summary

Appr/ Lane Grp	Lane Group Capacity	Adj Sat Flow Rate (s)	Ratios v/c	Ratios g/C	Lane Group Delay	Lane Group LOS	Approach Delay	Approach LOS
Eastbound								
L	722	1805	0.56	0.40	24.1	C		
							26.1	C
R	646	1615	0.69	0.40	27.8	C		
Westbound								
Northbound								
T	932	1863	0.65	0.50	20.1	C	20.1	C
Southbound								
T	932	1863	0.67	0.50	20.8	C	20.8	C

Intersection Delay = 22.7 (sec/veh) Intersection LOS = C

HCS+: Signalized Intersections Release 5.3

Analyst: JCE
Agency: JOHN COLLINS ENGINEERS, P.C.
Date: OCTOBER 2008
Period: WEEKDAY PEAK SAT HIGHWAY HOUR
Project ID: 1540SATNB5
E/W St: P.I.P. NORTHBOUND OFF RAMP

Inter.: THEILLS-MT IVY RD & PIP NB OFF
Area Type: All other areas
Jurisd: (FULL BUILD)
Year : 2011 NO-BUILD TRAFFIC VOLUMES
N/S St: THIELLS-MT. IVY ROAD

SIGNALIZED INTERSECTION SUMMARY

	Eastbound			Westbound			Northbound			Southbound		
	L	T	R	L	T	R	L	T	R	L	T	R
No. Lanes	1	0	1	0	0	0	0	1	0	0	1	0
LGConfig	L		R					T			T	
Volume	260		311					303			521	
Lane Width	12.0		12.0					12.0			12.0	
RTOR Vol			0									

Duration 0.25 Area Type: All other areas

Signal Operations

Phase Combination	1	2	3	4		5	6	7	8
EB Left		A			NB Left				
Thru					Thru	A			
Right		A			Right				
Peds					Peds				
WB Left					SB Left				
Thru					Thru	A			
Right					Right				
Peds					Peds				
NB Right					EB Right				
SB Right					WB Right				
Green		40.0				50.0			
Yellow		3.0				3.0			
All Red		2.0				2.0			

Cycle Length: 100.0 secs

Intersection Performance Summary

Appr/ Lane Grp	Lane Group Capacity	Adj Sat Flow Rate (s)	Ratios v/c	Ratios g/C	Lane Group Delay	Lane Group LOS	Approach Delay	Approach LOS
Eastbound								
L	722	1805	0.39	0.40	21.7	C		
							22.7	C
R	646	1615	0.52	0.40	23.5	C		
Westbound								
Northbound								
T	932	1863	0.35	0.50	15.4	B	15.4	B
Southbound								
T	932	1863	0.61	0.50	19.1	B	19.1	B

Intersection Delay = 19.8 (sec/veh) Intersection LOS = B

HCS+: Signalized Intersections Release 5.3

Analyst: JCE
Agency: JOHN COLLINS ENGINEERS, P.C.
Date: OCTOBER 2008
Period: WEEKDAY PEAK AM HIGHWAY HOUR
Project ID: 1540AMB5
E/W St: P.I.P. NORTHBOUND OFF RAMP

Inter.: THEILLS-MT IVY RD & PIP NB OFF
Area Type: All other areas
Jurisd: (FULL BUILD)
Year : 2011 BUILD TRAFFIC VOLUMES
N/S St: THIELLS-MT. IVY ROAD

SIGNALIZED INTERSECTION SUMMARY

	Eastbound			Westbound			Northbound			Southbound		
	L	T	R	L	T	R	L	T	R	L	T	R
No. Lanes	1	0	1	0	0	0	0	1	0	0	1	0
LGConfig	L		R					T			T	
Volume	133		323					322			853	
Lane Width	12.0		12.0					12.0			12.0	
RTOR Vol			0									

Duration 0.25 Area Type: All other areas

Signal Operations

Phase Combination	1	2	3	4	5	6	7	8
EB Left	A				NB Left			
Thru					Thru	A		
Right	A				Right			
Peds					Peds			
WB Left					SB Left			
Thru					Thru	A		
Right					Right			
Peds					Peds			
NB Right					EB Right			
SB Right					WB Right			
Green	30.0					60.0		
Yellow	3.0					3.0		
All Red	2.0					2.0		

Cycle Length: 100.0 secs

Intersection Performance Summary

Appr/ Lane Grp	Lane Group Capacity	Adj Sat Flow Rate (s)	Ratios v/c	Ratios g/C	Lane Group Delay	Lane Group LOS	Approach Delay	Approach LOS
Eastbound								
L	542	1805	0.27	0.30	26.9	C		
							33.8	C
R	485	1615	0.72	0.30	36.6	D		
Westbound								
Northbound								
T	1118	1863	0.31	0.60	10.0+	B	10.0+	B
Southbound								
T	1118	1863	0.83	0.60	21.3	C	21.3	C

Intersection Delay = 22.5 (sec/veh) Intersection LOS = C

HCS+: Signalized Intersections Release 5.3

Analyst: JCE
Agency: JOHN COLLINS ENGINEERS, P.C.
Date: OCTOBER 2008
Period: WEEKDAY PEAK PM HIGHWAY HOUR
Project ID: 1540PMB5
E/W St: P.I.P. NORTHBOUND OFF RAMP

Inter.: THEILLS-MT IVY RD & PIP NB OFF
Area Type: All other areas
Jurisd: (FULL BUILD)
Year : 2011 BUILD TRAFFIC VOLUMES
N/S St: THIELLS-MT. IVY ROAD

SIGNALIZED INTERSECTION SUMMARY

	Eastbound			Westbound			Northbound			Southbound		
	L	T	R	L	T	R	L	T	R	L	T	R
No. Lanes	1	0	1	0	0	0	0	1	0	0	1	0
LGConfig	L		R					T			T	
Volume	371		595					583			606	
Lane Width	12.0		12.0					12.0			12.0	
RTOR Vol			0									

Duration 0.25 Area Type: All other areas

Signal Operations

Phase Combination		1	2	3	4			5	6	7	8
EB	Left		A			NB	Left				
	Thru						Thru	A			
	Right		A				Right				
	Peds						Peds				
WB	Left					SB	Left				
	Thru						Thru	A			
	Right						Right				
	Peds						Peds				
NB	Right					EB	Right				
SB	Right					WB	Right				
Green			40.0					50.0			
Yellow			3.0					3.0			
All Red			2.0					2.0			

Cycle Length: 100.0 secs

Intersection Performance Summary

Appr/ Lane Grp	Lane Group Capacity	Adj Sat Flow Rate (s)	Ratios v/c	Ratios g/C	Lane Group Delay	Lane Group LOS	Approach Delay	Approach LOS
Eastbound								
L	722	1805	0.56	0.40	24.1	C		
							49.8	D
R	646	1615	1.00	0.40	65.8	E		
Westbound								
Northbound								
T	932	1863	0.68	0.50	21.0	C	21.0	C
Southbound								
T	932	1863	0.71	0.50	21.8	C	21.8	C

Intersection Delay = 34.1 (sec/veh) Intersection LOS = C

HCS+: Signalized Intersections Release 5.3

Analyst: JCE
Agency: JOHN COLLINS ENGINEERS, P.C.
Date: OCTOBER 2008
Period: WEEKDAY PEAK SAT HIGHWAY HOUR
Project ID: 1540SATB5
E/W St: P.I.P. NORTHBOUND OFF RAMP

Inter.: THEILLS-MT IVY RD & PIP NB OFF
Area Type: All other areas
Jurisd: (FULL BUILD)
Year : 2011 BUILD TRAFFIC VOLUMES
N/S St: THIELLS-MT. IVY ROAD

SIGNALIZED INTERSECTION SUMMARY

	Eastbound			Westbound			Northbound			Southbound		
	L	T	R	L	T	R	L	T	R	L	T	R
No. Lanes	1	0	1	0	0	0	0	1	0	0	1	0
LGConfig	L		R					T			T	
Volume	260		541					338			556	
Lane Width	12.0		12.0					12.0			12.0	
RTOR Vol			0									

Duration 0.25 Area Type: All other areas

Signal Operations

Phase Combination		1	2	3	4			5	6	7	8
EB	Left		A			NB	Left				
	Thru						Thru	A			
	Right		A				Right				
	Peds						Peds				
WB	Left					SB	Left				
	Thru						Thru	A			
	Right						Right				
	Peds						Peds				
NB	Right					EB	Right				
SB	Right					WB	Right				
Green			40.0					50.0			
Yellow			3.0					3.0			
All Red			2.0					2.0			

Cycle Length: 100.0 secs

Intersection Performance Summary

Appr/ Lane Grp	Lane Group Capacity	Adj Sat Flow Rate (s)	Ratios v/c	Ratios g/C	Lane Group Delay	Lane Group LOS	Approach Delay	Approach LOS
Eastbound								
L	722	1805	0.39	0.40	21.7	C		
							37.7	D
R	646	1615	0.91	0.40	45.4	D		
Westbound								
Northbound								
T	932	1863	0.39	0.50	15.8	B	15.8	B
Southbound								
T	932	1863	0.65	0.50	20.1	C	20.1	C

Intersection Delay = 27.6 (sec/veh) Intersection LOS = C

HCS+: Unsignalized Intersections Release 5.3

TWO-WAY STOP CONTROL SUMMARY

Analyst: JCE
Agency/Co.: JOHN COLLINS ENGINEERS, P.C.
Date Performed: SEPTEMBER 2008
Analysis Time Period: WEEKDAY PEAK AM HIGHWAY HOUR
Intersection: PIP SB ON/OFF RAMP & QUAKER RD
Jurisdiction:
Units: U. S. Customary
Analysis Year: 2008 EXISTING TRAFFIC VOLUMES
Project ID: 1540AMEX6
East/West Street: P.I.P. SOUTHBOUND ON/OFF RAMP
North/South Street: QUAKER ROAD
Intersection Orientation: EW Study period (hrs): 0.25

Vehicle Volumes and Adjustments

Major Street: Approach	Eastbound			Westbound		
Movement	1	2	3	4	5	6
	L	T	R	L	T	R
Volume	185	900			205	25
Peak-Hour Factor, PHF	0.92	0.92			0.92	0.92
Hourly Flow Rate, HFR	201	978			222	27
Percent Heavy Vehicles	2	--	--		--	--
Median Type/Storage	Undivided		/			
RT Channelized?						
Lanes	0	1			1	0
Configuration	LT					TR
Upstream Signal?		No			No	

Minor Street: Approach	Northbound			Southbound		
Movement	7	8	9	10	11	12
	L	T	R	L	T	R
Volume				185		120
Peak Hour Factor, PHF				0.92		0.92
Hourly Flow Rate, HFR				201		130
Percent Heavy Vehicles				0		2
Percent Grade (%)		0			0	
Flared Approach: Exists?/Storage			/			No /
Lanes				0		0
Configuration					LR	

Delay, Queue Length, and Level of Service

Approach	EB	WB	Northbound			Southbound		
Movement	1	4	7	8	9	10	11	12
Lane Config	LT						LR	
v (vph)	201						331	
C(m) (vph)	1317						148	
v/c	0.15						2.24	
95% queue length	0.54						27.40	
Control Delay	8.2						626.7	
LOS	A						F	
Approach Delay							626.7	
Approach LOS							F	

HCS+: Unsignalized Intersections Release 5.3

TWO-WAY STOP CONTROL SUMMARY

Analyst: JCE
Agency/Co.: JOHN COLLINS ENGINEERS, P.C.
Date Performed: SEPTEMBER 2008
Analysis Time Period: WEEKDAY PEAK PM HIGHWAY HOUR
Intersection: PIP SB ON/OFF RAMP & QUAKER RD
Jurisdiction:
Units: U. S. Customary
Analysis Year: 2008 EXISTING TRAFFIC VOLUMES
Project ID: 1540PMEX6
East/West Street: P.I.P. SOUTHBOUND ON/OFF RAMP
North/South Street: QUAKER ROAD
Intersection Orientation: EW Study period (hrs): 0.25

Vehicle Volumes and Adjustments

Major Street: Approach	Eastbound			Westbound		
Movement	1	2	3	4	5	6
	L	T	R	L	T	R
Volume	185	495			165	5
Peak-Hour Factor, PHF	0.92	0.92			0.92	0.92
Hourly Flow Rate, HFR	201	538			179	5
Percent Heavy Vehicles	2	--	--		--	--
Median Type/Storage	Undivided		/			
RT Channelized?						
Lanes	0	1			1	0
Configuration	LT				TR	
Upstream Signal?		No			No	

Minor Street: Approach	Northbound			Southbound		
Movement	7	8	9	10	11	12
	L	T	R	L	T	R
Volume				120		115
Peak Hour Factor, PHF				0.92		0.92
Hourly Flow Rate, HFR				130		124
Percent Heavy Vehicles				0		2
Percent Grade (%)		0			0	
Flared Approach: Exists?/Storage			/			No /
Lanes				0		0
Configuration					LR	

Delay, Queue Length, and Level of Service

Approach	EB	WB	Northbound			Southbound		
Movement	1	4	7	8	9	10	11	12
Lane Config	LT						LR	
v (vph)	201						254	
C(m) (vph)	1391						316	
v/c	0.14						0.80	
95% queue length	0.51						6.63	
Control Delay	8.0						50.2	
LOS	A						F	
Approach Delay							50.2	
Approach LOS							F	

HCS+: Unsignalized Intersections Release 5.3

TWO-WAY STOP CONTROL SUMMARY

Analyst: JCE
Agency/Co.: JOHN COLLINS ENGINEERS, P.C.
Date Performed: SEPTEMBER 2008
Analysis Time Period: WEEKDAY PEAK SAT HIGHWAY HOUR
Intersection: PIP SB ON/OFF RAMP & QUAKER RD
Jurisdiction:
Units: U. S. Customary
Analysis Year: 2008 EXISTING TRAFFIC VOLUMES
Project ID: 1540SATEX6
East/West Street: P.I.P. SOUTHBOUND ON/OFF RAMP
North/South Street: QUAKER ROAD
Intersection Orientation: EW Study period (hrs): 0.25

Vehicle Volumes and Adjustments

Major Street: Approach	Eastbound			Westbound		
Movement	1	2	3	4	5	6
	L	T	R	L	T	R
Volume	150	570			135	10
Peak-Hour Factor, PHF	0.92	0.92			0.92	0.92
Hourly Flow Rate, HFR	163	619			146	10
Percent Heavy Vehicles	2	--	--		--	--
Median Type/Storage	Undivided		/			
RT Channelized?						
Lanes	0	1			1	0
Configuration		LT				TR
Upstream Signal?		No			No	

Minor Street: Approach	Northbound			Southbound		
Movement	7	8	9	10	11	12
	L	T	R	L	T	R
Volume				90		75
Peak Hour Factor, PHF				0.92		0.92
Hourly Flow Rate, HFR				97		81
Percent Heavy Vehicles				0		2
Percent Grade (%)		0			0	
Flared Approach: Exists?/Storage			/			No /
Lanes				0		0
Configuration					LR	

Delay, Queue Length, and Level of Service

Approach	EB	WB	Northbound			Southbound		
Movement	1	4	7	8	9	10	11	12
Lane Config	LT						LR	
v (vph)	163						178	
C(m) (vph)	1424						324	
v/c	0.11						0.55	
95% queue length	0.39						3.12	
Control Delay	7.9						28.9	
LOS	A						D	
Approach Delay							28.9	
Approach LOS							D	

HCS+: Unsignalized Intersections Release 5.3

TWO-WAY STOP CONTROL SUMMARY

Analyst: JCE
Agency/Co.: JOHN COLLINS ENGINEERS, P.C.
Date Performed: OCTOBER 2008
Analysis Time Period: WEEKDAY PEAK AM HIGHWAY HOUR
Intersection: PIP SB ON/OFF RAMP & QUAKER RD
Jurisdiction: (FULL BUILD)
Units: U. S. Customary
Analysis Year: 2011 NO-BUILD TRAFFIC VOLUMES
Project ID: 1540AMNB6
East/West Street: P.I.P. SOUTHBOUND ON/OFF RAMP
North/South Street: QUAKER ROAD
Intersection Orientation: EW Study period (hrs): 0.25

Vehicle Volumes and Adjustments

Major Street: Approach	Eastbound			Westbound		
Movement	1	2	3	4	5	6
	L	T	R	L	T	R
Volume	196	1014			235	27
Peak-Hour Factor, PHF	0.92	0.92			0.92	0.92
Hourly Flow Rate, HFR	213	1102			255	29
Percent Heavy Vehicles	2	--	--		--	--
Median Type/Storage	Undivided		/			
RT Channelized?						
Lanes	0	1			1	0
Configuration	LT					TR
Upstream Signal?		No			No	

Minor Street: Approach	Northbound			Southbound		
Movement	7	8	9	10	11	12
	L	T	R	L	T	R
Volume				196		127
Peak Hour Factor, PHF				0.92		0.92
Hourly Flow Rate, HFR				213		138
Percent Heavy Vehicles				0		2
Percent Grade (%)		0			0	
Flared Approach: Exists?/Storage			/			No /
Lanes				0		0
Configuration					LR	

Delay, Queue Length, and Level of Service

Approach	EB	WB	Northbound			Southbound		
Movement	1	4	7	8	9	10	11	12
Lane Config	LT						LR	
v (vph)	213						351	
C(m) (vph)	1278						115	
v/c	0.17						3.05	
95% queue length	0.60						33.44	
Control Delay	8.4						1004	
LOS	A						F	
Approach Delay							1004	
Approach LOS							F	

HCS+: Unsignalized Intersections Release 5.3

TWO-WAY STOP CONTROL SUMMARY

Analyst: JCE
Agency/Co.: JOHN COLLINS ENGINEERS, P.C.
Date Performed: OCTOBER 2008
Analysis Time Period: WEEKDAY PEAK PM HIGHWAY HOUR
Intersection: PIP SB ON/OFF RAMP & QUAKER RD
Jurisdiction: (FULL BUILD)
Units: U. S. Customary
Analysis Year: 2011 NO-BUILD TRAFFIC VOLUMES
Project ID: 1540PMNB6
East/West Street: P.I.P. SOUTHBOUND ON/OFF RAMP
North/South Street: QUAKER ROAD
Intersection Orientation: EW Study period (hrs): 0.25

Vehicle Volumes and Adjustments

Major Street: Approach	Eastbound			Westbound		
Movement	1	2	3	4	5	6
	L	T	R	L	T	R
Volume	196	570			191	5
Peak-Hour Factor, PHF	0.92	0.92			0.92	0.92
Hourly Flow Rate, HFR	213	619			207	5
Percent Heavy Vehicles	2	--	--		--	--
Median Type/Storage	Undivided		/			
RT Channelized?						
Lanes	0	1			1	0
Configuration	LT					TR
Upstream Signal?		No			No	

Minor Street: Approach	Northbound			Southbound		
Movement	7	8	9	10	11	12
	L	T	R	L	T	R
Volume				127		122
Peak Hour Factor, PHF				0.92		0.92
Hourly Flow Rate, HFR				138		132
Percent Heavy Vehicles				0		2
Percent Grade (%)		0			0	
Flared Approach: Exists?/Storage			/			No /
Lanes				0		0
Configuration					LR	

Delay, Queue Length, and Level of Service

Approach	EB	WB	Northbound			Southbound		
Movement	1	4	7	8	9	10	11	12
Lane Config	LT						LR	
v (vph)	213						270	
C(m) (vph)	1358						266	
v/c	0.16						1.02	
95% queue length	0.56						10.32	
Control Delay	8.1						100.6	
LOS	A						F	
Approach Delay							100.6	
Approach LOS							F	

HCS+: Unsignalized Intersections Release 5.3

TWO-WAY STOP CONTROL SUMMARY

Analyst: JCE
Agency/Co.: JOHN COLLINS ENGINEERS, P.C.
Date Performed: OCTOBER 2008
Analysis Time Period: WEEKDAY PEAK SAT HIGHWAY HOUR
Intersection: PIP SB ON/OFF RAMP & QUAKER RD
Jurisdiction: (FULL BUILD)
Units: U. S. Customary
Analysis Year: 2011 NO-BUILD TRAFFIC VOLUMES
Project ID: 1540SATNB6
East/West Street: P.I.P. SOUTHBOUND ON/OFF RAMP
North/South Street: QUAKER ROAD
Intersection Orientation: EW Study period (hrs): 0.25

Vehicle Volumes and Adjustments

Major Street: Approach	Eastbound			Westbound		
Movement	1	2	3	4	5	6
	L	T	R	L	T	R
Volume	159	644			156	11
Peak-Hour Factor, PHF	0.92	0.92			0.92	0.92
Hourly Flow Rate, HFR	172	699			169	11
Percent Heavy Vehicles	2	--	--		--	--
Median Type/Storage	Undivided		/			
RT Channelized?						
Lanes	0	1			1	0
Configuration	LT					TR
Upstream Signal?		No			No	

Minor Street: Approach	Northbound			Southbound		
Movement	7	8	9	10	11	12
	L	T	R	L	T	R
Volume				95		80
Peak Hour Factor, PHF				0.92		0.92
Hourly Flow Rate, HFR				103		86
Percent Heavy Vehicles				0		2
Percent Grade (%)		0			0	
Flared Approach: Exists?/Storage			/			No /
Lanes				0		0
Configuration					LR	

Delay, Queue Length, and Level of Service

Approach	EB	WB	Northbound			Southbound		
Movement	1	4	7	8	9	10	11	12
Lane Config	LT						LR	
v (vph)	172						189	
C(m) (vph)	1396						278	
v/c	0.12						0.68	
95% queue length	0.42						4.53	
Control Delay	7.9						41.6	
LOS	A						E	
Approach Delay							41.6	
Approach LOS							E	

HCS+: Unsignalized Intersections Release 5.3

TWO-WAY STOP CONTROL SUMMARY

Analyst: JCE
Agency/Co.: JOHN COLLINS ENGINEERS, P.C.
Date Performed: OCTOBER 2008
Analysis Time Period: WEEKDAY PEAK AM HIGHWAY HOUR
Intersection: PIP SB ON/OFF RAMP & QUAKER RD
Jurisdiction: (FULL BUILD)
Units: U. S. Customary
Analysis Year: 2011 BUILD TRAFFIC VOLUMES
Project ID: 1540AMB6
East/West Street: P.I.P. SOUTHBOUND ON/OFF RAMP
North/South Street: QUAKER ROAD
Intersection Orientation: EW Study period (hrs): 0.25

Vehicle Volumes and Adjustments

Major Street: Approach	Eastbound			Westbound		
Movement	1	2	3	4	5	6
	L	T	R	L	T	R
Volume	199	1093			244	27
Peak-Hour Factor, PHF	0.92	0.92			0.92	0.92
Hourly Flow Rate, HFR	216	1188			265	29
Percent Heavy Vehicles	2	--	--		--	--
Median Type/Storage	Undivided		/			
RT Channelized?						
Lanes	0	1			1	0
Configuration	LT					TR
Upstream Signal?		No			No	

Minor Street: Approach	Northbound			Southbound		
Movement	7	8	9	10	11	12
	L	T	R	L	T	R
Volume				196		130
Peak Hour Factor, PHF				0.92		0.92
Hourly Flow Rate, HFR				213		141
Percent Heavy Vehicles				0		2
Percent Grade (%)		0			0	
Flared Approach: Exists?/Storage			/			No /
Lanes				0		0
Configuration					LR	

Delay, Queue Length, and Level of Service

Approach	EB	WB	Northbound			Southbound		
Movement	1	4	7	8	9	10	11	12
Lane Config	LT						LR	
v (vph)	216						354	
C(m) (vph)	1268						101	
v/c	0.17						3.50	
95% queue length	0.61						35.38	
Control Delay	8.4						1216	
LOS	A						F	
Approach Delay							1216	
Approach LOS							F	

HCS+: Unsignalized Intersections Release 5.3

TWO-WAY STOP CONTROL SUMMARY

Analyst: JCE
Agency/Co.: JOHN COLLINS ENGINEERS, P.C.
Date Performed: OCTOBER 2008
Analysis Time Period: WEEKDAY PEAK PM HIGHWAY HOUR
Intersection: PIP SB ON/OFF RAMP & QUAKER RD
Jurisdiction: (FULL BUILD)
Units: U. S. Customary
Analysis Year: 2011 BUILD TRAFFIC VOLUMES
Project ID: 1540PMB6
East/West Street: P.I.P. SOUTHBOUND ON/OFF RAMP
North/South Street: QUAKER ROAD
Intersection Orientation: EW Study period (hrs): 0.25

Vehicle Volumes and Adjustments

Major Street: Approach	Eastbound			Westbound		
Movement	1	2	3	4	5	6
	L	T	R	L	T	R
Volume	206	748			220	5
Peak-Hour Factor, PHF	0.92	0.92			0.92	0.92
Hourly Flow Rate, HFR	223	813			239	5
Percent Heavy Vehicles	2	--	--		--	--
Median Type/Storage	Undivided		/			
RT Channelized?						
Lanes	0	1			1	0
Configuration		LT				TR
Upstream Signal?		No			No	

Minor Street: Approach	Northbound			Southbound		
Movement	7	8	9	10	11	12
	L	T	R	L	T	R
Volume				127		132
Peak Hour Factor, PHF				0.92		0.92
Hourly Flow Rate, HFR				138		143
Percent Heavy Vehicles				0		2
Percent Grade (%)		0			0	
Flared Approach: Exists?/Storage				/		No /
Lanes				0		0
Configuration					LR	

Delay, Queue Length, and Level of Service

Approach	EB	WB	Northbound			Southbound		
Movement	1	4	7	8	9	10	11	12
Lane Config	LT						LR	
v (vph)	223						281	
C(m) (vph)	1322						201	
v/c	0.17						1.40	
95% queue length	0.61						16.42	
Control Delay	8.3						251.3	
LOS	A						F	
Approach Delay							251.3	
Approach LOS							F	

HCS+: Unsignalized Intersections Release 5.3

TWO-WAY STOP CONTROL SUMMARY

Analyst: JCE
Agency/Co.: JOHN COLLINS ENGINEERS, P.C.
Date Performed: OCTOBER 2008
Analysis Time Period: WEEKDAY PEAK SAT HIGHWAY HOUR
Intersection: PIP SB ON/OFF RAMP & QUAKER RD
Jurisdiction: (FULL BUILD)
Units: U. S. Customary
Analysis Year: 2011 BUILD TRAFFIC VOLUMES
Project ID: 1540SATB6
East/West Street: P.I.P. SOUTHBOUND ON/OFF RAMP
North/South Street: QUAKER ROAD
Intersection Orientation: EW Study period (hrs): 0.25

Vehicle Volumes and Adjustments

Major Street: Approach	Eastbound			Westbound		
Movement	1	2	3	4	5	6
	L	T	R	L	T	R
Volume	172	877			191	11
Peak-Hour Factor, PHF	0.92	0.92			0.92	0.92
Hourly Flow Rate, HFR	186	953			207	11
Percent Heavy Vehicles	2	--	--		--	--
Median Type/Storage	Undivided		/			
RT Channelized?						
Lanes	0	1			1	0
Configuration		LT				TR
Upstream Signal?		No			No	

Minor Street: Approach	Northbound			Southbound		
Movement	7	8	9	10	11	12
	L	T	R	L	T	R
Volume				95		93
Peak Hour Factor, PHF				0.92		0.92
Hourly Flow Rate, HFR				103		101
Percent Heavy Vehicles				0		2
Percent Grade (%)		0			0	
Flared Approach: Exists?/Storage			/			No /
Lanes				0		0
Configuration					LR	

Delay, Queue Length, and Level of Service

Approach	EB	WB	Northbound			Southbound		
Movement	1	4	7	8	9	10	11	12
Lane Config	LT						LR	
v (vph)	186						204	
C(m) (vph)	1352						194	
v/c	0.14						1.05	
95% queue length	0.48						9.39	
Control Delay	8.1						129.6	
LOS	A						F	
Approach Delay							129.6	
Approach LOS							F	

HCS+: Signalized Intersections Release 5.3

Analyst: JCE
Agency: JOHN COLLINS ENGINEERS, P.C.
Date: OCTOBER 2008
Period: WEEKDAY PEAK AM HIGHWAY HOUR
Project ID: 1540AMNB6
E/W St: P.I.P. SOUTHBOUND ON/OFF RAMP

Inter.: PIP SB ON/OFF RAMP & QUAKER RD
Area Type: All other areas
Jurisd: (FULL BUILD)
Year : 2011 NO-BUILD TRAFFIC VOLUMES
N/S St: QUAKER ROAD

SIGNALIZED INTERSECTION SUMMARY

	Eastbound			Westbound			Northbound			Southbound		
	L	T	R	L	T	R	L	T	R	L	T	R
No. Lanes	1	1	0	0	1	0	0	0	0	0	0	0
LGConfig	L	T			TR						LR	
Volume	196	1014			235	27				196		127
Lane Width	12.0	12.0			12.0						12.0	
RTOR Vol						0						0

Duration 0.25 Area Type: All other areas

Signal Operations

Phase Combination		1	2	3	4			5	6	7	8
EB	Left		A			NB	Left				
	Thru		A				Thru				
	Right						Right				
	Peds						Peds				
WB	Left					SB	Left	A			
	Thru		A				Thru				
	Right		A				Right	A			
	Peds						Peds				
NB	Right					EB	Right				
SB	Right					WB	Right				
Green		50.0	10.0					25.0			
Yellow		3.0	3.0					3.0			
All Red		2.0	2.0					2.0			

Cycle Length: 100.0 secs

Intersection Performance Summary

Appr/ Lane Grp	Lane Group Capacity	Adj Sat Flow Rate (s)	Ratios v/c	Ratios g/C	Lane Group Delay	Lane Group LOS	Approach Delay	Approach LOS
Eastbound								
L	741	1770	0.29	0.65	10.9	B		
T	1211	1863	0.91	0.65	25.3	C	23.0	C
Westbound								
TR	937	1874	0.30	0.50	14.9	B	14.9	B
Northbound								
Southbound								
LR	433	1733	0.81	0.25	46.4	D	46.4	D

Intersection Delay = 26.0 (sec/veh) Intersection LOS = C

HCS+: Signalized Intersections Release 5.3

Analyst: JCE
Agency: JOHN COLLINS ENGINEERS, P.C.
Date: OCTOBER 2008
Period: WEEKDAY PEAK PM HIGHWAY HOUR
Project ID: 1540PMNB6
E/W St: P.I.P. SOUTHBOUND ON/OFF RAMP

Inter.: PIP SB ON/OFF RAMP & QUAKER RD
Area Type: All other areas
Jurisd: (FULL BUILD)
Year : 2011 NO-BUILD TRAFFIC VOLUMES
N/S St: QUAKER ROAD

SIGNALIZED INTERSECTION SUMMARY

	Eastbound			Westbound			Northbound			Southbound		
	L	T	R	L	T	R	L	T	R	L	T	R
No. Lanes	1	1	0	0	1	0	0	0	0	0	0	0
LGConfig	L	T			TR						LR	
Volume	196	570			191	5				127		122
Lane Width	12.0	12.0			12.0						12.0	
RTOR Vol						0						0

Duration 0.25 Area Type: All other areas

Signal Operations

Phase Combination		1	2	3	4			5	6	7	8
EB	Left	A	A			NB	Left				
	Thru	A	A				Thru				
	Right						Right				
	Peds						Peds				
WB	Left					SB	Left	A			
	Thru	A					Thru				
	Right	A					Right	A			
	Peds						Peds				
NB	Right					EB	Right				
SB	Right					WB	Right				
Green		40.0	10.0					35.0			
Yellow		3.0	3.0					3.0			
All Red		2.0	2.0					2.0			

Cycle Length: 100.0 secs

Intersection Performance Summary

Appr/ Lane Grp	Lane Group Capacity	Adj Sat Flow Rate (s)	Ratios v/c	Ratios g/C	Lane Group Delay	Lane Group LOS	Approach Delay	Approach LOS
Eastbound								
L	660	1770	0.32	0.55	16.3	B		
T	1025	1863	0.60	0.55	16.2	B	16.2	B
Westbound								
TR	758	1894	0.28	0.40	20.5	C	20.5	C
Northbound								
Southbound								
LR	600	1713	0.45	0.35	25.6	C	25.6	C

Intersection Delay = 18.8 (sec/veh) Intersection LOS = B

HCS+: Signalized Intersections Release 5.3

Analyst: JCE
Agency: JOHN COLLINS ENGINEERS, P.C.
Date: OCTOBER 2008
Period: WEEKDAY PEAK SAT HIGHWAY HOUR
Project ID: 1540SATNB6
E/W St: P.I.P. SOUTHBOUND ON/OFF RAMP

Inter.: PIP SB ON/OFF RAMP & QUAKER RD
Area Type: All other areas
Jurisd: (FULL BUILD)
Year : 2011 NO-BUILD TRAFFIC VOLUMES
N/S St: QUAKER ROAD

SIGNALIZED INTERSECTION SUMMARY

	Eastbound			Westbound			Northbound			Southbound		
	L	T	R	L	T	R	L	T	R	L	T	R
No. Lanes	1	1	0	0	1	0	0	0	0	0	0	0
LGConfig	L	T			TR						LR	
Volume	159	644			156	11				95		80
Lane Width	12.0	12.0			12.0						12.0	
RTOR Vol						0						0

Duration 0.25 Area Type: All other areas

Signal Operations

Phase Combination		1	2	3	4			5	6	7	8
EB	Left		A			NB	Left				
	Thru		A				Thru				
	Right						Right				
	Peds						Peds				
WB	Left					SB	Left	A			
	Thru		A				Thru				
	Right		A				Right	A			
	Peds						Peds				
NB	Right					EB	Right				
SB	Right					WB	Right				
Green		40.0	10.0					35.0			
Yellow		3.0	3.0					3.0			
All Red		2.0	2.0					2.0			

Cycle Length: 100.0 secs

Intersection Performance Summary

Appr/ Lane Grp	Lane Group Capacity	Adj Sat Flow Rate (s)	Ratios v/c	Ratios g/C	Lane Group Delay	Lane Group LOS	Approach Delay	Approach LOS
Eastbound								
L	686	1770	0.25	0.55	14.7	B		
T	1025	1863	0.68	0.55	18.1	B	17.4	B
Westbound								
TR	753	1883	0.24	0.40	20.1	C	20.1	C
Northbound								
Southbound								
LR	602	1720	0.32	0.35	24.1	C	24.1	C

Intersection Delay = 18.8 (sec/veh) Intersection LOS = B

HCS+: Signalized Intersections Release 5.3

Analyst: JCE
Agency: JOHN COLLINS ENGINEERS, P.C.
Date: OCTOBER 2008
Period: WEEKDAY PEAK AM HIGHWAY HOUR
Project ID: 1540AMB6
E/W St: P.I.P. SOUTHBOUND ON/OFF RAMP

Inter.: PIP SB ON/OFF RAMP & QUAKER RD
Area Type: All other areas
Jurisd: (FULL BUILD)
Year : 2011 BUILD TRAFFIC VOLUMES
N/S St: QUAKER ROAD

SIGNALIZED INTERSECTION SUMMARY

	Eastbound			Westbound			Northbound			Southbound		
	L	T	R	L	T	R	L	T	R	L	T	R
No. Lanes	1	1	0	0	1	0	0	0	0	0	0	0
LGConfig	L	T			TR						LR	
Volume	199	1093			244	27				196		130
Lane Width	12.0	12.0			12.0						12.0	
RTOR Vol						0						0

Duration 0.25 Area Type: All other areas

Signal Operations

Phase Combination		1	2	3	4			5	6	7	8
EB	Left	A	A			NB	Left				
	Thru	A	A				Thru				
	Right						Right				
	Peds						Peds				
WB	Left					SB	Left	A			
	Thru	A					Thru				
	Right	A					Right	A			
	Peds						Peds				
NB	Right					EB	Right				
SB	Right					WB	Right				
Green		50.0	10.0					25.0			
Yellow		3.0	3.0					3.0			
All Red		2.0	2.0					2.0			

Cycle Length: 100.0 secs

Intersection Performance Summary

Appr/ Lane Grp	Lane Group Capacity	Adj Sat Flow Rate (s)	Ratios v/c	Ratios g/C	Lane Group Delay	Lane Group LOS	Approach Delay	Approach LOS
Eastbound								
L	734	1770	0.29	0.65	11.1	B		
T	1211	1863	0.98	0.65	38.2	D	34.1	C
Westbound								
TR	938	1875	0.31	0.50	15.0	B	15.0	B
Northbound								
Southbound								
LR	433	1732	0.82	0.25	47.0	D	47.0	D

Intersection Delay = 33.6 (sec/veh) Intersection LOS = C

HCS+: Signalized Intersections Release 5.3

Analyst: JCE
Agency: JOHN COLLINS ENGINEERS, P.C.
Date: OCTOBER 2008
Period: WEEKDAY PEAK PM HIGHWAY HOUR
Project ID: 1540PMB6
E/W St: P.I.P. SOUTHBOUND ON/OFF RAMP

Inter.: PIP SB ON/OFF RAMP & QUAKER RD
Area Type: All other areas
Jurisd: (FULL BUILD)
Year : 2011 BUILD TRAFFIC VOLUMES
N/S St: QUAKER ROAD

SIGNALIZED INTERSECTION SUMMARY

	Eastbound			Westbound			Northbound			Southbound		
	L	T	R	L	T	R	L	T	R	L	T	R
No. Lanes	1	1	0	0	1	0	0	0	0	0	0	0
LGConfig	L	T			TR						LR	
Volume	206	748			220	5				127		132
Lane Width	12.0	12.0			12.0						12.0	
RTOR Vol						0						0

Duration 0.25 Area Type: All other areas

Signal Operations

Phase Combination		1	2	3	4			5	6	7	8
EB	Left		A			NB	Left				
	Thru		A				Thru				
	Right						Right				
	Peds						Peds				
WB	Left					SB	Left	A			
	Thru		A				Thru				
	Right		A				Right	A			
	Peds						Peds				
NB	Right					EB	Right				
SB	Right					WB	Right				
Green		40.0	10.0					35.0			
Yellow		3.0	3.0					3.0			
All Red		2.0	2.0					2.0			

Cycle Length: 100.0 secs

Intersection Performance Summary

Appr/ Lane Grp	Lane Group Capacity	Adj Sat Flow Rate (s)	Ratios v/c	Ratios g/C	Lane Group Delay	Lane Group LOS	Approach Delay	Approach LOS
Eastbound								
L	635	1770	0.35	0.55	17.4	B		
T	1025	1863	0.79	0.55	22.3	C	21.3	C
Westbound								
TR	758	1895	0.32	0.40	20.9	C	20.9	C
Northbound								
Southbound								
LR	598	1710	0.47	0.35	25.9	C	25.9	C

Intersection Delay = 22.0 (sec/veh) Intersection LOS = C

HCS+: Signalized Intersections Release 5.3

Analyst: JCE
Agency: JOHN COLLINS ENGINEERS, P.C.
Date: OCTOBER 2008
Period: WEEKDAY PEAK SAT HIGHWAY HOUR
Project ID: 1540SATB6
E/W St: P.I.P. SOUTHBOUND ON/OFF RAMP

Inter.: PIP SB ON/OFF RAMP & QUAKER RD
Area Type: All other areas
Jurisd: (FULL BUILD)
Year : 2011 BUILD TRAFFIC VOLUMES
N/S St: QUAKER ROAD

SIGNALIZED INTERSECTION SUMMARY

	Eastbound			Westbound			Northbound			Southbound		
	L	T	R	L	T	R	L	T	R	L	T	R
No. Lanes	1	1	0	0	1	0	0	0	0	0	0	0
LGConfig	L	T			TR						LR	
Volume	172	877			191	11				95		93
Lane Width	12.0	12.0			12.0						12.0	
RTOR Vol						0						0

Duration 0.25 Area Type: All other areas

Signal Operations

Phase Combination		1	2	3	4			5	6	7	8
EB	Left	A	A			NB	Left				
	Thru	A	A				Thru				
	Right						Right				
	Peds						Peds				
WB	Left					SB	Left	A			
	Thru	A					Thru				
	Right	A					Right	A			
	Peds						Peds				
NB	Right					EB	Right				
SB	Right					WB	Right				
Green		40.0	10.0					35.0			
Yellow		3.0	3.0					3.0			
All Red		2.0	2.0					2.0			

Cycle Length: 100.0 secs

Intersection Performance Summary

Appr/ Lane Grp	Lane Group Capacity	Adj Sat Flow Rate (s)	Ratios v/c	Ratios g/C	Lane Group Delay	Lane Group LOS	Approach Delay	Approach LOS
Eastbound								
L	654	1770	0.29	0.55	16.0	B		
T	1025	1863	0.93	0.55	35.0-	C	31.9	C
Westbound								
TR	754	1886	0.29	0.40	20.6	C	20.6	C
Northbound								
Southbound								
LR	599	1712	0.34	0.35	24.3	C	24.3	C

Intersection Delay = 29.3 (sec/veh) Intersection LOS = C

HCS+: Unsignalized Intersections Release 5.3

TWO-WAY STOP CONTROL SUMMARY

Analyst: JCE
Agency/Co.: JOHN COLLINS ENGINEERS, P.C.
Date Performed: SEPTEMBER 2008
Analysis Time Period: WEEKDAY PEAK AM HIGHWAY HOUR
Intersection: US RTE 202 & SHOPPING CENTER
Jurisdiction:
Units: U. S. Customary
Analysis Year: 2008 EXISTING TRAFFIC VOLUMES
Project ID: 1540AMEX7
East/West Street: U.S. ROUTE 202
North/South Street: SHOPPING CENTER DRIVEWAY
Intersection Orientation: EW Study period (hrs): 0.25

Vehicle Volumes and Adjustments

Major Street: Approach	Eastbound			Westbound		
Movement	1	2	3	4	5	6
	L	T	R	L	T	R
Volume		530	20	30	720	
Peak-Hour Factor, PHF		0.92	0.92	0.92	0.92	
Hourly Flow Rate, HFR		576	21	32	782	
Percent Heavy Vehicles		--	--	2	--	--
Median Type/Storage	Undivided			/		
RT Channelized?						
Lanes		1	0	0	1	
Configuration		TR		LT		
Upstream Signal?		No			No	

Minor Street: Approach	Northbound			Southbound		
Movement	7	8	9	10	11	12
	L	T	R	L	T	R
Volume	10		25			
Peak Hour Factor, PHF	0.92		0.92			
Hourly Flow Rate, HFR	10		27			
Percent Heavy Vehicles	2		2			
Percent Grade (%)		0			0	
Flared Approach: Exists?/Storage			No /			/
Lanes	0		0			
Configuration		LR				

Delay, Queue Length, and Level of Service

Approach	EB	WB	Northbound			Southbound		
Movement	1	4	7	8	9	10	11	12
Lane Config		LT		LR				
v (vph)		32		37				
C(m) (vph)		980		301				
v/c		0.03		0.12				
95% queue length		0.10		0.42				
Control Delay		8.8		18.6				
LOS		A		C				
Approach Delay				18.6				
Approach LOS				C				

HCS+: Unsignalized Intersections Release 5.3

TWO-WAY STOP CONTROL SUMMARY

Analyst: JCE
Agency/Co.: JOHN COLLINS ENGINEERS, P.C.
Date Performed: SEPTEMBER 2008
Analysis Time Period: WEEKDAY PEAK PM HIGHWAY HOUR
Intersection: US RTE 202 & SHOPPING CENTER
Jurisdiction:
Units: U. S. Customary
Analysis Year: 2008 EXISTING TRAFFIC VOLUMES
Project ID: 1540PMEX7
East/West Street: U.S. ROUTE 202
North/South Street: SHOPPING CENTER DRIVEWAY
Intersection Orientation: EW Study period (hrs): 0.25

Vehicle Volumes and Adjustments

Major Street: Approach	Eastbound			Westbound		
Movement	1	2	3	4	5	6
	L	T	R	L	T	R
Volume		795	5	20	690	
Peak-Hour Factor, PHF		0.95	0.95	0.95	0.95	
Hourly Flow Rate, HFR		836	5	21	726	
Percent Heavy Vehicles		--	--	2	--	--
Median Type/Storage	Undivided		/			
RT Channelized?						
Lanes		1	0	0	1	
Configuration		TR		LT		
Upstream Signal?		No			No	

Minor Street: Approach	Northbound			Southbound		
Movement	7	8	9	10	11	12
	L	T	R	L	T	R
Volume	20		25			
Peak Hour Factor, PHF	0.95		0.95			
Hourly Flow Rate, HFR	21		26			
Percent Heavy Vehicles	2		2			
Percent Grade (%)		0			0	
Flared Approach: Exists?/Storage			No /			/
Lanes	0		0			
Configuration		LR				

Delay, Queue Length, and Level of Service

Approach	EB	WB	Northbound			Southbound		
Movement	1	4	7	8	9	10	11	12
Lane Config		LT		LR				
v (vph)		21		47				
C(m) (vph)		794		183				
v/c		0.03		0.26				
95% queue length		0.08		0.98				
Control Delay		9.7		31.3				
LOS		A		D				
Approach Delay				31.3				
Approach LOS				D				

HCS+: Unsignalized Intersections Release 5.3

TWO-WAY STOP CONTROL SUMMARY

Analyst: JCE
Agency/Co.: JOHN COLLINS ENGINEERS, P.C.
Date Performed: SEPTEMBER 2008
Analysis Time Period: WEEKDAY PEAK SAT HIGHWAY HOUR
Intersection: US RTE 202 & SHOPPING CENTER
Jurisdiction:
Units: U. S. Customary
Analysis Year: 2008 EXISTING TRAFFIC VOLUMES
Project ID: 1540SATEX7
East/West Street: U.S. ROUTE 202
North/South Street: SHOPPING CENTER DRIVEWAY
Intersection Orientation: EW Study period (hrs): 0.25

Vehicle Volumes and Adjustments

Major Street: Approach	Eastbound			Westbound		
Movement	1	2	3	4	5	6
	L	T	R	L	T	R
Volume		580	65	105	550	
Peak-Hour Factor, PHF		0.92	0.92	0.92	0.92	
Hourly Flow Rate, HFR		630	70	114	597	
Percent Heavy Vehicles		--	--	2	--	--
Median Type/Storage	Undivided		/			
RT Channelized?						
Lanes		1	0	0	1	
Configuration		TR		LT		
Upstream Signal?		No			No	

Minor Street: Approach	Northbound			Southbound		
Movement	7	8	9	10	11	12
	L	T	R	L	T	R
Volume	65		105			
Peak Hour Factor, PHF	0.92		0.92			
Hourly Flow Rate, HFR	70		114			
Percent Heavy Vehicles	2		2			
Percent Grade (%)		0			0	
Flared Approach: Exists?/Storage			No /			/
Lanes	0		0			
Configuration		LR				

Delay, Queue Length, and Level of Service

Approach	EB	WB	Northbound			Southbound		
Movement	1	4	7	8	9	10	11	12
Lane Config		LT		LR				
v (vph)		114		184				
C(m) (vph)		897		220				
v/c		0.13		0.84				
95% queue length		0.43		6.36				
Control Delay		9.6		71.2				
LOS		A		F				
Approach Delay				71.2				
Approach LOS				F				

HCS+: Unsignalized Intersections Release 5.3

TWO-WAY STOP CONTROL SUMMARY

Analyst: JCE
Agency/Co.: JOHN COLLINS ENGINEERS, P.C.
Date Performed: OCTOBER 2008
Analysis Time Period: WEEKDAY PEAK AM HIGHWAY HOUR
Intersection: US RTE 202 & SHOPPING CENTER
Jurisdiction:
Units: U. S. Customary
Analysis Year: 2011 NO-BUILD TRAFFIC VOLUMES
Project ID: 1540AMNB7
East/West Street: U.S. ROUTE 202
North/South Street: SHOPPING CENTER DRIVEWAY
Intersection Orientation: EW Study period (hrs): 0.25

Vehicle Volumes and Adjustments

Major Street: Approach	Eastbound			Westbound		
Movement	1	2	3	4	5	6
	L	T	R	L	T	R
Volume		668	21	32	827	
Peak-Hour Factor, PHF		0.92	0.92	0.92	0.92	
Hourly Flow Rate, HFR		726	22	34	898	
Percent Heavy Vehicles		--	--	2	--	--
Median Type/Storage	Undivided			/		
RT Channelized?						
Lanes		1	0	0	1	
Configuration		TR		LT		
Upstream Signal?		No			No	

Minor Street: Approach	Northbound			Southbound		
Movement	7	8	9	10	11	12
	L	T	R	L	T	R
Volume	11		27			
Peak Hour Factor, PHF	0.92		0.92			
Hourly Flow Rate, HFR	11		29			
Percent Heavy Vehicles	2		2			
Percent Grade (%)		0			0	
Flared Approach: Exists?/Storage			No /			/
Lanes	0		0			
Configuration		LR				

Delay, Queue Length, and Level of Service

Approach	EB	WB	Northbound			Southbound		
Movement	1	4	7	8	9	10	11	12
Lane Config		LT		LR				
v (vph)		34		40				
C(m) (vph)		861		219				
v/c		0.04		0.18				
95% queue length		0.12		0.65				
Control Delay		9.4		25.1				
LOS		A		D				
Approach Delay				25.1				
Approach LOS				D				

HCS+: Unsignalized Intersections Release 5.3

TWO-WAY STOP CONTROL SUMMARY

Analyst: JCE
Agency/Co.: JOHN COLLINS ENGINEERS, P.C.
Date Performed: OCTOBER 2008
Analysis Time Period: WEEKDAY PEAK PM HIGHWAY HOUR
Intersection: US RTE 202 & SHOPPING CENTER
Jurisdiction:
Units: U. S. Customary
Analysis Year: 2011 NO-BUILD TRAFFIC VOLUMES
Project ID: 1540PMNB7
East/West Street: U.S. ROUTE 202
North/South Street: SHOPPING CENTER DRIVEWAY
Intersection Orientation: EW Study period (hrs): 0.25

Vehicle Volumes and Adjustments

Major Street: Approach	Eastbound			Westbound		
Movement	1	2	3	4	5	6
	L	T	R	L	T	R
Volume		932	5	21	842	
Peak-Hour Factor, PHF		0.95	0.95	0.95	0.95	
Hourly Flow Rate, HFR		981	5	22	886	
Percent Heavy Vehicles		--	--	2	--	--
Median Type/Storage	Undivided			/		
RT Channelized?						
Lanes		1	0	0	1	
Configuration		TR		LT		
Upstream Signal?		No			No	

Minor Street: Approach	Northbound			Southbound		
Movement	7	8	9	10	11	12
	L	T	R	L	T	R
Volume	21		27			
Peak Hour Factor, PHF	0.95		0.95			
Hourly Flow Rate, HFR	22		28			
Percent Heavy Vehicles	2		2			
Percent Grade (%)		0			0	
Flared Approach: Exists?/Storage			No /			/
Lanes	0		0			
Configuration		LR				

Delay, Queue Length, and Level of Service

Approach	EB	WB	Northbound			Southbound		
Movement	1	4	7	8	9	10	11	12
Lane Config		LT		LR				
v (vph)		22		50				
C(m) (vph)		701		127				
v/c		0.03		0.39				
95% queue length		0.10		1.66				
Control Delay		10.3		50.7				
LOS		B		F				
Approach Delay				50.7				
Approach LOS				F				

HCS+: Unsignalized Intersections Release 5.3

TWO-WAY STOP CONTROL SUMMARY

Analyst: JCE
Agency/Co.: JOHN COLLINS ENGINEERS, P.C.
Date Performed: OCTOBER 2008
Analysis Time Period: WEEKDAY PEAK SAT HIGHWAY HOUR
Intersection: US RTE 202 & SHOPPING CENTER
Jurisdiction:
Units: U. S. Customary
Analysis Year: 2011 NO-BUILD TRAFFIC VOLUMES
Project ID: 1540SATNB7
East/West Street: U.S. ROUTE 202
North/South Street: SHOPPING CENTER DRIVEWAY
Intersection Orientation: EW Study period (hrs): 0.25

Vehicle Volumes and Adjustments

Major Street: Approach	Eastbound			Westbound		
Movement	1	2	3	4	5	6
	L	T	R	L	T	R
Volume		682	69	111	660	
Peak-Hour Factor, PHF		0.92	0.92	0.92	0.92	
Hourly Flow Rate, HFR		741	74	120	717	
Percent Heavy Vehicles		--	--	2	--	--
Median Type/Storage	Undivided			/		
RT Channelized?						
Lanes		1	0	0	1	
Configuration		TR		LT		
Upstream Signal?		No			No	

Minor Street: Approach	Northbound			Southbound		
Movement	7	8	9	10	11	12
	L	T	R	L	T	R
Volume	69		111			
Peak Hour Factor, PHF	0.92		0.92			
Hourly Flow Rate, HFR	74		120			
Percent Heavy Vehicles	2		2			
Percent Grade (%)		0			0	
Flared Approach: Exists?/Storage			No /			/
Lanes	0		0			
Configuration		LR				

Delay, Queue Length, and Level of Service

Approach	EB	WB	Northbound			Southbound		
Movement	1	4	7	8	9	10	11	12
Lane Config		LT		LR				
v (vph)		120		194				
C(m) (vph)		812		161				
v/c		0.15		1.20				
95% queue length		0.52		10.84				
Control Delay		10.2		192.9				
LOS		B		F				
Approach Delay				192.9				
Approach LOS				F				

HCS+: Signalized Intersections Release 5.3

Analyst: JCE
Agency: JOHN COLLINS ENGINEERS, P.C.
Date: OCTOBER 2008
Period: WEEKDAY PEAK AM HIGHWAY HOUR
Project ID: 1540AMB7
E/W St: U.S. ROUTE 202

Inter.: US RTE 202 & SHOPPING CENTER
Area Type: All other areas
Jurisd: (FULL BUILD)
Year : 2011 BUILD TRAFFIC VOLUMES

N/S St: SHOPPING CENTER/SITE ACCESS

SIGNALIZED INTERSECTION SUMMARY

	Eastbound			Westbound			Northbound			Southbound		
	L	T	R	L	T	R	L	T	R	L	T	R
No. Lanes	1	2	0	1	1	1	0	1	0	1	1	1
LGConfig	L	TR		L	T	R		LTR		L	LT	R
Volume	81	648	21	32	796	124	11	0	27	164	0	121
Lane Width	12.0	12.0		12.0	12.0	12.0		15.0		12.0	12.0	12.0
RTOR Vol			0			0			30			0

Duration 0.25 Area Type: All other areas

Signal Operations

Phase Combination		1	2	3	4			5	6	7	8
EB	Left	A	A			NB	Left		A		
	Thru	A	A				Thru		A		
	Right	A	A				Right		A		
	Peds						Peds				
WB	Left		P			SB	Left	A			
	Thru		A				Thru	A			
	Right		A				Right	A			
	Peds						Peds				
NB	Right					EB	Right				
SB	Right	A				WB	Right	A			
Green		11.0	41.0					12.0	6.0		
Yellow		3.0	3.0					3.0	3.0		
All Red		2.0	2.0					2.0	2.0		

Cycle Length: 90.0 secs

Intersection Performance Summary

Appr/ Lane Grp	Lane Group Capacity	Adj Sat Flow Rate (s)	Ratios v/c	Ratios g/C	Lane Group Delay	Lane Group LOS	Approach Delay	Approach LOS
Eastbound								
L	299	1770	0.29	0.63	17.2	B		
TR	2236	3530	0.33	0.63	1.1	A	2.9	A
Westbound								
L	319	700	0.11	0.46	14.7	B		
T	849	1863	1.02	0.46	46.5	D	40.2	D
R	1020	1583	0.13	0.64	6.3	A		
Northbound								
LTR	130	1951	0.09	0.07	39.8	D	39.8	D
Southbound								
L	236	1770	0.38	0.13	36.6	D		
LT	237	1774	0.38	0.13	36.6	D	32.8	C
R	405	1583	0.33	0.26	27.7	C		

Intersection Delay = 25.1 (sec/veh) Intersection LOS = C

HCS+: Signalized Intersections Release 5.3

Analyst: JCE
Agency: JOHN COLLINS ENGINEERS, P.C.
Date: OCTOBER 2008
Period: WEEKDAY PEAK PM HIGHWAY HOUR
Project ID: 1540PMB7
E/W St: U.S. ROUTE 202

Inter.: US RTE 202 & SHOPPING CENTER
Area Type: All other areas
Jurisd: (FULL BUILD)
Year : 2011 BUILD TRAFFIC VOLUMES

N/S St: SHOPPING CENTER/SITE ACCESS

SIGNALIZED INTERSECTION SUMMARY

	Eastbound			Westbound			Northbound			Southbound		
	L	T	R	L	T	R	L	T	R	L	T	R
No. Lanes	1	2	0	1	1	1	0	1	0	1	1	1
LGConfig	L	TR		L	T	R		LTR		L	LT	R
Volume	274	869	5	21	748	411	21	0	27	407	0	287
Lane Width	12.0	12.0		12.0	12.0	12.0		15.0		12.0	12.0	12.0
RTOR Vol			0			0			30			0

Duration 0.25 Area Type: All other areas

Signal Operations

Phase Combination		1	2	3	4			5	6	7	8
EB	Left	A	A			NB	Left		A		
	Thru	A	A				Thru		A		
	Right	A	A				Right		A		
	Peds						Peds				
WB	Left		P			SB	Left	A			
	Thru		A				Thru	A			
	Right		A				Right	A			
	Peds						Peds				
NB	Right					EB	Right				
SB	Right	A				WB	Right	A			
Green		13.0	37.0					14.0	6.0		
Yellow		3.0	3.0					3.0	3.0		
All Red		2.0	2.0					2.0	2.0		

Cycle Length: 90.0 secs

Intersection Performance Summary

Appr/ Lane Grp	Lane Group Capacity	Adj Sat Flow Rate (s)	Ratios v/c	Ratios g/C	Lane Group Delay	Lane Group LOS	Approach Delay	Approach LOS
Eastbound								
L	339	1770	0.88	0.61	48.0	D		
TR	2166	3544	0.44	0.61	1.3	A	12.5	B
Westbound								
L	231	562	0.10	0.41	17.1	B		
T	766	1863	1.06	0.41	64.2	E	44.2	D
R	985	1583	0.45	0.62	9.3	A		
Northbound								
LTR	130	1951	0.18	0.07	40.3	D	40.3	D
Southbound								
L	275	1770	0.80	0.16	52.4	D		
LT	276	1774	0.80	0.16	52.1	D	43.4	D
R	475	1583	0.66	0.30	30.8	C		

Intersection Delay = 32.0 (sec/veh) Intersection LOS = C

HCS+: Signalized Intersections Release 5.3

Analyst: JCE
Agency: JOHN COLLINS ENGINEERS, P.C.
Date: OCTOBER 2008
Period: WEEKDAY PEAK SAT HIGHWAY HOUR
Project ID: 1540SATB7
E/W St: U.S. ROUTE 202

Inter.: US RTE 202 & SHOPPING CENTER
Area Type: All other areas
Jurisd: (FULL BUILD)
Year : 2011 BUILD TRAFFIC VOLUMES

N/S St: SHOPPING CENTER/SITE ACCESS

SIGNALIZED INTERSECTION SUMMARY

	Eastbound			Westbound			Northbound			Southbound		
	L	T	R	L	T	R	L	T	R	L	T	R
No. Lanes	1	2	0	1	1	1	0	1	0	1	1	1
LGConfig	L	TR		L	T	R		LTR		L	LT	R
Volume	331	602	69	111	536	511	69	0	111	532	0	375
Lane Width	12.0	12.0		12.0	12.0	12.0		15.0		12.0	12.0	12.0
RTOR Vol			0			0			30			0

Duration 0.25 Area Type: All other areas

Signal Operations

Phase Combination		1	2	3	4			5	6	7	8
EB	Left	A	A			NB	Left		A		
	Thru	A	A				Thru		A		
	Right	A	A				Right		A		
	Peds						Peds				
WB	Left		P			SB	Left	A			
	Thru		A				Thru	A			
	Right		A				Right	A			
	Peds						Peds				
NB	Right					EB	Right				
SB	Right	A				WB	Right	A			
Green		15.5	26.5					16.0	12.0		
Yellow		3.0	3.0					3.0	3.0		
All Red		2.0	2.0					2.0	2.0		

Cycle Length: 90.0 secs

Intersection Performance Summary

Appr/ Lane Grp	Lane Group Capacity	Adj Sat Flow Rate (s)	Ratios v/c	Ratios g/C	Lane Group Delay	Lane Group LOS	Approach Delay	Approach LOS
Eastbound								
L	388	1770	0.93	0.52	52.9	D		
TR	1824	3492	0.40	0.52	3.7	A	19.9	B
Westbound								
L	206	699	0.59	0.29	38.8	D		
T	549	1863	1.06	0.29	78.8	E	47.9	D
R	835	1583	0.66	0.53	17.5	B		
Northbound								
LTR	248	1857	0.66	0.13	43.3	D	43.3	D
Southbound								
L	315	1770	0.92	0.18	66.8	E		
LT	315	1774	0.92	0.18	66.8	E	51.9	D
R	554	1583	0.74	0.35	30.7	C		

Intersection Delay = 40.1 (sec/veh) Intersection LOS = D

HCS+: Signalized Intersections Release 5.3

Analyst: JCE
Agency: JOHN COLLINS ENGINEERS, P.C.
Date: SEPTEMBER 2008
Period: WEEKDAY PEAK AM HIGHWAY HOUR
Project ID: 1540AMEX8
E/W St: U.S. ROUTE 202

Inter.: US RTE 202 & PACESETTER SHOPPI
Area Type: All other areas
Jurisd:
Year : 2008 EXISTING TRAFFIC VOLUMES
N/S St: PACESETTER SHOPPING CENTER WB

SIGNALIZED INTERSECTION SUMMARY

	Eastbound			Westbound			Northbound			Southbound		
	L	T	R	L	T	R	L	T	R	L	T	R
No. Lanes	0	1	0	1	1	0	1	0	1	0	0	0
LGConfig		TR		L	T		L		R			
Volume		485	55	60	670		25		35			
Lane Width		12.0		12.0	12.0		12.0		12.0			
RTOR Vol			0						0			

Duration 0.25 Area Type: All other areas

Signal Operations

Phase Combination	1	2	3	4		5	6	7	8
EB Left					NB Left	A			
Thru	A				Thru				
Right	A				Right	A			
Peds					Peds				
WB Left	A	A			SB Left				
Thru	A	A			Thru				
Right					Right				
Peds					Peds				
NB Right					EB Right				
SB Right					WB Right				
Green	55.0	10.0				20.0			
Yellow	3.0	3.0				3.0			
All Red	2.0	2.0				2.0			

Cycle Length: 100.0 secs

Intersection Performance Summary

Appr/ Lane Grp	Lane Group Capacity	Adj Sat Flow Rate (s)	Ratios v/c	Ratios g/C	Lane Group Delay	Lane Group LOS	Approach Delay	Approach LOS
Eastbound								
TR	1010	1837	0.58	0.55	15.7	B	15.7	B
Westbound								
L	615	1770	0.11	0.70	10.0+	B		
T	1304	1863	0.56	0.70	7.9	A	8.1	A
Northbound								
L	354	1770	0.08	0.20	32.6	C		
							32.8	C
R	317	1583	0.12	0.20	33.0	C		
Southbound								

Intersection Delay = 12.3 (sec/veh) Intersection LOS = B

HCS+: Signalized Intersections Release 5.3

Analyst: JCE
Agency: JOHN COLLINS ENGINEERS, P.C.
Date: SEPTEMBER 2008
Period: WEEKDAY PEAK PM HIGHWAY HOUR
Project ID: 1540PMEX8
E/W St: U.S. ROUTE 202

Inter.: US RTE 202 & PACESETTER SHOPPI
Area Type: All other areas
Jurisd:
Year : 2008 EXISTING TRAFFIC VOLUMES

N/S St: PACESETTER SHOPPING CENTER WB

SIGNALIZED INTERSECTION SUMMARY

	Eastbound			Westbound			Northbound			Southbound		
	L	T	R	L	T	R	L	T	R	L	T	R
No. Lanes	0	1	0	1	1	0	1	0	1	0	0	0
LGConfig		TR		L	T		L		R			
Volume		630	100	195	515		130		75			
Lane Width		12.0		12.0	12.0		12.0		12.0			
RTOR Vol			0						0			

Duration 0.25 Area Type: All other areas

Signal Operations

Phase Combination		1	2	3	4			5	6	7	8
EB	Left					NB	Left	A			
	Thru	A					Thru				
	Right	A					Right	A			
	Peds						Peds				
WB	Left	A	A			SB	Left				
	Thru	A	A				Thru				
	Right						Right				
	Peds						Peds				
NB	Right					EB	Right				
SB	Right					WB	Right				
Green		57.0	8.0					20.0			
Yellow		3.0	3.0					3.0			
All Red		2.0	2.0					2.0			

Cycle Length: 100.0 secs

Intersection Performance Summary

Appr/ Lane Grp	Lane Group Capacity	Adj Sat Flow Rate (s)	Ratios v/c	Ratios g/C	Lane Group Delay	Lane Group LOS	Approach Delay	Approach LOS
Eastbound								
TR	1042	1828	0.74	0.57	18.7	B	18.7	B
Westbound								
L	517	1770	0.40	0.70	15.4	B		
T	1304	1863	0.42	0.70	6.6	A	9.0	A
Northbound								
L	354	1770	0.39	0.20	35.4	D		
R	317	1583	0.25	0.20	34.1	C	34.9	C
Southbound								

Intersection Delay = 16.5 (sec/veh) Intersection LOS = B

HCS+: Signalized Intersections Release 5.3

Analyst: JCE
Agency: JOHN COLLINS ENGINEERS, P.C.
Date: SEPTEMBER 2008
Period: WEEKDAY PEAK SAT HIGHWAY HOUR
Project ID: 1540SATEX8
E/W St: U.S. ROUTE 202

Inter.: US RTE 202 & PACESETTER SHOPPI
Area Type: All other areas
Jurisd:
Year : 2008 EXISTING TRAFFIC VOLUMES
N/S St: PACESETTER SHOPPING CENTER WB

SIGNALIZED INTERSECTION SUMMARY

	Eastbound			Westbound			Northbound			Southbound		
	L	T	R	L	T	R	L	T	R	L	T	R
No. Lanes	0	1	0	1	1	0	1	0	1	0	0	0
LGConfig		TR		L	T		L		R			
Volume		485	110	150	465		90		70			
Lane Width		12.0		12.0	12.0		12.0		12.0			
RTOR Vol			0						0			

Duration 0.25 Area Type: All other areas

Signal Operations

Phase Combination	1	2	3	4		5	6	7	8
EB Left					NB Left	A			
Thru	A				Thru				
Right	A				Right	A			
Peds					Peds				
WB Left	A	A			SB Left				
Thru	A	A			Thru				
Right					Right				
Peds					Peds				
NB Right					EB Right				
SB Right					WB Right				
Green	55.0	10.0				20.0			
Yellow	3.0	3.0				3.0			
All Red	2.0	2.0				2.0			

Cycle Length: 100.0 secs

Intersection Performance Summary

Appr/ Lane Grp	Lane Group Capacity	Adj Sat Flow Rate (s)	Ratios v/c	Ratios g/C	Lane Group Delay	Lane Group LOS	Approach Delay	Approach LOS
Eastbound								
TR	999	1816	0.65	0.55	17.2	B	17.2	B
Westbound								
L	585	1770	0.28	0.70	12.6	B		
T	1304	1863	0.39	0.70	6.4	A	7.9	A
Northbound								
L	354	1770	0.28	0.20	34.3	C		
							34.2	C
R	317	1583	0.24	0.20	34.0	C		
Southbound								

Intersection Delay = 15.0 (sec/veh) Intersection LOS = B

HCS+: Signalized Intersections Release 5.3

Analyst: JCE
Agency: JOHN COLLINS ENGINEERS, P.C.
Date: OCTOBER 2008
Period: WEEKDAY PEAK AM HIGHWAY HOUR
Project ID: 1540AMNB8
E/W St: U.S. ROUTE 202

Inter.: US RTE 202 & PACESETTER SHOPPI
Area Type: All other areas
Jurisd:
Year : 2011 NO-BUILD TRAFFIC VOLUMES
N/S St: PACESETTER SHOPPING CENTER WB

SIGNALIZED INTERSECTION SUMMARY

	Eastbound			Westbound			Northbound			Southbound		
	L	T	R	L	T	R	L	T	R	L	T	R
No. Lanes	0	1	0	1	1	0	1	0	1	0	0	0
LGConfig		TR		L	T		L		R			
Volume		620	58	64	774		27		37			
Lane Width		12.0		12.0	12.0		12.0		12.0			
RTOR Vol			0						0			

Duration 0.25 Area Type: All other areas

Signal Operations

Phase Combination	1	2	3	4		5	6	7	8
EB Left					NB Left	A			
Thru	A				Thru				
Right	A				Right	A			
Peds					Peds				
WB Left	A	A			SB Left				
Thru	A	A			Thru				
Right					Right				
Peds					Peds				
NB Right					EB Right				
SB Right					WB Right				
Green	55.0	10.0				20.0			
Yellow	3.0	3.0				3.0			
All Red	2.0	2.0				2.0			

Cycle Length: 100.0 secs

Intersection Performance Summary

Appr/ Lane Grp	Lane Group Capacity	Adj Sat Flow Rate (s)	Ratios v/c	Ratios g/C	Lane Group Delay	Lane Group LOS	Approach Delay	Approach LOS
Eastbound								
TR	1013	1841	0.73	0.55	19.5	B	19.5	B
Westbound								
L	545	1770	0.13	0.70	11.9	B		
T	1304	1863	0.64	0.70	9.3	A	9.5	A
Northbound								
L	354	1770	0.08	0.20	32.6	C		
							32.9	C
R	317	1583	0.13	0.20	33.0	C		
Southbound								

Intersection Delay = 14.8 (sec/veh) Intersection LOS = B

HCS+: Signalized Intersections Release 5.3

Analyst: JCE
Agency: JOHN COLLINS ENGINEERS, P.C.
Date: OCTOBER 2008
Period: WEEKDAY PEAK PM HIGHWAY HOUR
Project ID: 1540PMNB8
E/W St: U.S. ROUTE 202

Inter.: US RTE 202 & PACESETTER SHOPPI
Area Type: All other areas
Jurisd:
Year : 2011 NO-BUILD TRAFFIC VOLUMES
N/S St: PACESETTER SHOPPING CENTER WB

SIGNALIZED INTERSECTION SUMMARY

	Eastbound			Westbound			Northbound			Southbound		
	L	T	R	L	T	R	L	T	R	L	T	R
No. Lanes	0	1	0	1	1	0	1	0	1	0	0	0
LGConfig		TR		L	T		L		R			
Volume		757	106	207	657		138		80			
Lane Width		12.0		12.0	12.0		12.0		12.0			
RTOR Vol			0						0			

Duration 0.25 Area Type: All other areas

Signal Operations

Phase Combination	1	2	3	4		5	6	7	8
EB Left					NB Left	A			
Thru	A				Thru				
Right	A				Right	A			
Peds					Peds				
WB Left	A	A			SB Left				
Thru	A	A			Thru				
Right					Right				
Peds					Peds				
NB Right					EB Right				
SB Right					WB Right				
Green	57.0	8.0				20.0			
Yellow	3.0	3.0				3.0			
All Red	2.0	2.0				2.0			

Cycle Length: 100.0 secs

Intersection Performance Summary

Appr/ Lane Grp	Lane Group Capacity	Adj Sat Flow Rate (s)	Ratios v/c	Ratios g/C	Lane Group Delay	Lane Group LOS	Approach Delay	Approach LOS
Eastbound								
TR	1044	1832	0.87	0.57	26.5	C	26.5	C
Westbound								
L	464	1770	0.47	0.70	19.1	B		
T	1304	1863	0.53	0.70	7.6	A	10.3	B
Northbound								
L	354	1770	0.41	0.20	35.6	D		
R	317	1583	0.26	0.20	34.2	C	35.1	D
Southbound								

Intersection Delay = 20.3 (sec/veh) Intersection LOS = C

HCS+: Signalized Intersections Release 5.3

Analyst: JCE
Agency: JOHN COLLINS ENGINEERS, P.C.
Date: OCTOBER 2008
Period: WEEKDAY PEAK SAT HIGHWAY HOUR
Project ID: 1540SATNB8
E/W St: U.S. ROUTE 202

Inter.: US RTE 202 & PACESETTER SHOPPI
Area Type: All other areas
Jurisd:
Year : 2011 NO-BUILD TRAFFIC VOLUMES
N/S St: PACESETTER SHOPPING CENTER WB

SIGNALIZED INTERSECTION SUMMARY

	Eastbound			Westbound			Northbound			Southbound		
	L	T	R	L	T	R	L	T	R	L	T	R
No. Lanes	0	1	0	1	1	0	1	0	1	0	0	0
LGConfig		TR		L	T		L		R			
Volume		581	117	159	570		95		74			
Lane Width		12.0		12.0	12.0		12.0		12.0			
RTOR Vol			0						0			

Duration 0.25 Area Type: All other areas

Signal Operations

Phase Combination	1	2	3	4	5	6	7	8
EB Left					NB Left A			
Thru	A				Thru			
Right	A				Right A			
Peds					Peds			
WB Left	A	A			SB Left			
Thru	A	A			Thru			
Right					Right			
Peds					Peds			
NB Right					EB Right			
SB Right					WB Right			
Green	55.0	10.0			20.0			
Yellow	3.0	3.0			3.0			
All Red	2.0	2.0			2.0			

Cycle Length: 100.0 secs

Intersection Performance Summary

Appr/ Lane Grp	Lane Group Capacity	Adj Sat Flow Rate (s)	Ratios v/c	Ratios g/C	Lane Group Delay	Lane Group LOS	Approach Delay	Approach LOS
Eastbound								
TR	1002	1821	0.76	0.55	20.7	C	20.7	C
Westbound								
L	536	1770	0.32	0.70	14.8	B		
T	1304	1863	0.48	0.70	7.0	A	8.7	A
Northbound								
L	354	1770	0.29	0.20	34.4	C		
							34.3	C
R	317	1583	0.25	0.20	34.1	C		
Southbound								

Intersection Delay = 16.7 (sec/veh) Intersection LOS = B

HCS+: Signalized Intersections Release 5.3

Analyst: JCE
Agency: JOHN COLLINS ENGINEERS, P.C.
Date: OCTOBER 2008
Period: WEEKDAY PEAK AM HIGHWAY HOUR
Project ID: 1540AMB8
E/W St: U.S. ROUTE 202

Inter.: US RTE 202 & PACESETTER SHOPPI
Area Type: All other areas
Jurisd: (FULL BUILD)
Year : 2011 BUILD TRAFFIC VOLUMES

N/S St: PACESETTER SHOPPING CENTER WB

SIGNALIZED INTERSECTION SUMMARY

	Eastbound			Westbound			Northbound			Southbound		
	L	T	R	L	T	R	L	T	R	L	T	R
No. Lanes	0	1	0	1	1	0	1	0	1	0	0	0
LGConfig		TR		L	T		L		R			
Volume		674	58	71	857		27		45			
Lane Width		12.0		12.0	12.0		12.0		12.0			
RTOR Vol			0						0			

Duration 0.25 Area Type: All other areas

Signal Operations

Phase Combination	1	2	3	4			5	6	7	8
EB Left					NB	Left	A			
Thru	A					Thru				
Right	A					Right	A			
Peds						Peds				
WB Left	A	A			SB	Left				
Thru	A	A				Thru				
Right						Right				
Peds						Peds				
NB Right					EB	Right				
SB Right					WB	Right				
Green	55.0	10.0					20.0			
Yellow	3.0	3.0					3.0			
All Red	2.0	2.0					2.0			

Cycle Length: 100.0 secs

Intersection Performance Summary

Appr/ Lane Grp	Lane Group Capacity	Adj Sat Flow Rate (s)	Ratios v/c	Ratios g/C	Lane Group Delay	Lane Group LOS	Approach Delay	Approach LOS
Eastbound								
TR	1014	1843	0.79	0.55	7.4	A	7.4	A
Westbound								
L	639	1770	0.12	0.70	5.2	A		
T	1304	1863	0.71	0.70	3.4	A	3.5	A
Northbound								
L	354	1770	0.08	0.20	32.6	C		
							33.0	C
R	317	1583	0.15	0.20	33.2	C		
Southbound								

Intersection Delay = 6.4 (sec/veh) Intersection LOS = A

HCS+: Signalized Intersections Release 5.3

Analyst: JCE
Agency: JOHN COLLINS ENGINEERS, P.C.
Date: OCTOBER 2008
Period: WEEKDAY PEAK PM HIGHWAY HOUR
Project ID: 1540PMB8
E/W St: U.S. ROUTE 202

Inter.: US RTE 202 & PACESETTER SHOPPI
Area Type: All other areas
Jurisd: (FULL BUILD)
Year : 2011 BUILD TRAFFIC VOLUMES
N/S St: PACESETTER SHOPPING CENTER WB

SIGNALIZED INTERSECTION SUMMARY

	Eastbound			Westbound			Northbound			Southbound		
	L	T	R	L	T	R	L	T	R	L	T	R
No. Lanes	0	1	0	1	1	0	1	0	1	0	0	0
LGConfig		TR		L	T		L		R			
Volume		943	106	231	825		138		104			
Lane Width		12.0		12.0	12.0		12.0		12.0			
RTOR Vol			0						0			

Duration 0.25 Area Type: All other areas

Signal Operations

Phase Combination	1	2	3	4		5	6	7	8
EB Left					NB Left	A			
Thru	A				Thru				
Right	A				Right	A			
Peds					Peds				
WB Left	A	A			SB Left				
Thru	A	A			Thru				
Right					Right				
Peds					Peds				
NB Right					EB Right				
SB Right					WB Right				
Green	57.0	8.0				20.0			
Yellow	3.0	3.0				3.0			
All Red	2.0	2.0				2.0			

Cycle Length: 100.0 secs

Intersection Performance Summary

Appr/ Lane Grp	Lane Group Capacity	Adj Sat Flow Rate (s)	Ratios v/c	Ratios g/C	Lane Group Delay	Lane Group LOS	Approach Delay	Approach LOS
Eastbound								
TR	1047	1837	1.06	0.57	48.6	D	48.6	D
Westbound								
L	520	1770	0.47	0.70	9.3	A		
T	1304	1863	0.67	0.70	2.7	A	4.1	A
Northbound								
L	354	1770	0.41	0.20	35.6	D		
							35.4	D
R	317	1583	0.34	0.20	35.0+	D		
Southbound								

Intersection Delay = 27.3 (sec/veh) Intersection LOS = C

HCS+: Signalized Intersections Release 5.3

Analyst: JCE
Agency: JOHN COLLINS ENGINEERS, P.C.
Date: SEPTEMBER 2008
Period: WEEKDAY PEAK SAT HIGHWAY HOUR
Project ID: 1540SATB8
E/W St: U.S. ROUTE 202

Inter.: US RTE 202 & PACESETTER SHOPPI
Area Type: All other areas
Jurisd:
Year : 2011 BUILD TRAFFIC VOLUMES
N/S St: PACESETTER SHOPPING CENTER WB

SIGNALIZED INTERSECTION SUMMARY

	Eastbound			Westbound			Northbound			Southbound		
	L	T	R	L	T	R	L	T	R	L	T	R
No. Lanes	0	1	0	1	1	0	1	0	1	0	0	0
LGConfig		TR		L	T		L		R			
Volume		800	117	192	789		95		107			
Lane Width		12.0		12.0	12.0		12.0		12.0			
RTOR Vol			0						0			

Duration 0.25 Area Type: All other areas

Signal Operations

Phase Combination		1	2	3	4			5	6	7	8
EB	Left					NB	Left	A			
	Thru	A					Thru				
	Right	A					Right	A			
	Peds						Peds				
WB	Left	A	A			SB	Left				
	Thru	A	A				Thru				
	Right						Right				
	Peds						Peds				
NB	Right					EB	Right				
SB	Right					WB	Right				
Green		55.0	10.0					20.0			
Yellow		3.0	3.0					3.0			
All Red		2.0	2.0					2.0			

Cycle Length: 100.0 secs

Intersection Performance Summary

Appr/ Lane Grp	Lane Group Capacity	Adj Sat Flow Rate (s)	Ratios v/c	Ratios g/C	Lane Group Delay	Lane Group LOS	Approach Delay	Approach LOS
Eastbound								
TR	1007	1831	0.99	0.55	30.0	C	30.0	C
Westbound								
L	576	1770	0.36	0.70	7.5	A		
T	1304	1863	0.66	0.70	2.6	A	3.6	A
Northbound								
L	354	1770	0.29	0.20	34.4	C		
							34.9	C
R	317	1583	0.37	0.20	35.2	D		
Southbound								

Intersection Delay = 18.1 (sec/veh) Intersection LOS = B

HCS+: Unsignalized Intersections Release 5.3

TWO-WAY STOP CONTROL SUMMARY

Analyst: JCE
Agency/Co.: JOHN COLLINS ENGINEERS, P.C.
Date Performed: SEPTEMBER 2008
Analysis Time Period: WEEKDAY PEAK AM HIGHWAY HOUR
Intersection: U.S. ROUTE 202 & RAMAPO PLAZA
Jurisdiction:
Units: U. S. Customary
Analysis Year: 2008 EXISTING TRAFFIC VOLUMES
Project ID: 1540AMEX9
East/West Street: U.S. ROUTE 202
North/South Street: RAMAPO PLAZA
Intersection Orientation: EW Study period (hrs): 0.25

Vehicle Volumes and Adjustments

Major Street: Approach	Eastbound			Westbound		
Movement	1	2	3	4	5	6
	L	T	R	L	T	R
Volume		515	40	110	690	
Peak-Hour Factor, PHF		0.92	0.92	0.92	0.92	
Hourly Flow Rate, HFR		559	43	119	749	
Percent Heavy Vehicles		--	--	2	--	--
Median Type/Storage	Undivided			/		
RT Channelized?						
Lanes		1	0	0	1	
Configuration		TR		LT		
Upstream Signal?		No			No	

Minor Street: Approach	Northbound			Southbound		
Movement	7	8	9	10	11	12
	L	T	R	L	T	R
Volume	60		75			
Peak Hour Factor, PHF	0.92		0.92			
Hourly Flow Rate, HFR	65		81			
Percent Heavy Vehicles	2		2			
Percent Grade (%)		0			0	
Flared Approach: Exists?/Storage			No	/		/
Lanes	0		0			
Configuration		LR				

Delay, Queue Length, and Level of Service

Approach	EB	WB	Northbound			Southbound		
Movement	1	4	7	8	9	10	11	12
Lane Config		LT		LR				
v (vph)		119		146				
C(m) (vph)		975		191				
v/c		0.12		0.76				
95% queue length		0.42		5.10				
Control Delay		9.2		67.2				
LOS		A		F				
Approach Delay				67.2				
Approach LOS				F				

HCS+: Unsignalized Intersections Release 5.3

TWO-WAY STOP CONTROL SUMMARY

Analyst: JCE
Agency/Co.: JOHN COLLINS ENGINEERS, P.C.
Date Performed: SEPTEMBER 2008
Analysis Time Period: WEEKDAY PEAK PM HIGHWAY HOUR
Intersection: U.S. ROUTE 202 & RAMAPO PLAZA
Jurisdiction:
Units: U. S. Customary
Analysis Year: 2008 EXISTING TRAFFIC VOLUMES
Project ID: 1540PMEX9
East/West Street: U.S. ROUTE 202
North/South Street: RAMAPO PLAZA
Intersection Orientation: EW Study period (hrs): 0.25

Vehicle Volumes and Adjustments

Major Street: Approach	Eastbound			Westbound		
Movement	1	2	3	4	5	6
	L	T	R	L	T	R
Volume		795	25	30	690	
Peak-Hour Factor, PHF		0.95	0.95	0.95	0.95	
Hourly Flow Rate, HFR		836	26	31	726	
Percent Heavy Vehicles		--	--	2	--	--
Median Type/Storage	Undivided			/		
RT Channelized?						
Lanes		1	0	0	1	
Configuration		TR		LT		
Upstream Signal?		No			No	

Minor Street: Approach	Northbound			Southbound		
Movement	7	8	9	10	11	12
	L	T	R	L	T	R
Volume	20		35			
Peak Hour Factor, PHF	0.95		0.95			
Hourly Flow Rate, HFR	21		36			
Percent Heavy Vehicles	2		2			
Percent Grade (%)		0			0	
Flared Approach: Exists?/Storage			No	/		/
Lanes	0		0			
Configuration		LR				

Delay, Queue Length, and Level of Service

Approach	EB	WB	Northbound			Southbound		
Movement	1	4	7	8	9	10	11	12
Lane Config		LT		LR				
v (vph)		31		57				
C(m) (vph)		780		193				
v/c		0.04		0.30				
95% queue length		0.12		1.18				
Control Delay		9.8		31.3				
LOS		A		D				
Approach Delay				31.3				
Approach LOS				D				

HCS+: Unsignalized Intersections Release 5.3

TWO-WAY STOP CONTROL SUMMARY

Analyst: JCE
Agency/Co.: JOHN COLLINS ENGINEERS, P.C.
Date Performed: SEPTEMBER 2008
Analysis Time Period: WEEKDAY PEAK SAT HIGHWAY HOUR
Intersection: U.S. ROUTE 202 & RAMAPO PLAZA
Jurisdiction:
Units: U. S. Customary
Analysis Year: 2008 EXISTING TRAFFIC VOLUMES
Project ID: 1540SATEX9
East/West Street: U.S. ROUTE 202
North/South Street: RAMAPO PLAZA
Intersection Orientation: EW Study period (hrs): 0.25

Vehicle Volumes and Adjustments

Major Street: Approach	Eastbound			Westbound		
Movement	1	2	3	4	5	6
	L	T	R	L	T	R
Volume		640	45	25	630	
Peak-Hour Factor, PHF		0.92	0.92	0.92	0.92	
Hourly Flow Rate, HFR		695	48	27	684	
Percent Heavy Vehicles		--	--	2	--	--
Median Type/Storage	Undivided			/		
RT Channelized?						
Lanes		1	0	0	1	
Configuration		TR		LT		
Upstream Signal?		No			No	

Minor Street: Approach	Northbound			Southbound		
Movement	7	8	9	10	11	12
	L	T	R	L	T	R
Volume	25		30			
Peak Hour Factor, PHF	0.92		0.92			
Hourly Flow Rate, HFR	27		32			
Percent Heavy Vehicles	2		2			
Percent Grade (%)		0			0	
Flared Approach: Exists?/Storage		No	/			/
Lanes	0		0			
Configuration		LR				

Delay, Queue Length, and Level of Service

Approach	EB	WB	Northbound			Southbound		
Movement	1	4	7	8	9	10	11	12
Lane Config		LT		LR				
v (vph)		27		59				
C(m) (vph)		864		219				
v/c		0.03		0.27				
95% queue length		0.10		1.05				
Control Delay		9.3		27.4				
LOS		A		D				
Approach Delay				27.4				
Approach LOS				D				

HCS+: Unsignalized Intersections Release 5.3

TWO-WAY STOP CONTROL SUMMARY

Analyst: JCE
Agency/Co.: JOHN COLLINS ENGINEERS, P.C.
Date Performed: OCTOBER 2008
Analysis Time Period: WEEKDAY PEAK AM HIGHWAY HOUR
Intersection: U.S. ROUTE 202 & RAMAPO PLAZA
Jurisdiction:
Units: U. S. Customary
Analysis Year: 2011 NO-BUILD TRAFFIC VOLUMES
Project ID: 1540AMNB9
East/West Street: U.S. ROUTE 202
North/South Street: RAMAPO PLAZA
Intersection Orientation: EW Study period (hrs): 0.25

Vehicle Volumes and Adjustments

Major Street: Approach	Eastbound			Westbound		
Movement	1	2	3	4	5	6
	L	T	R	L	T	R
Volume		652	42	117	795	
Peak-Hour Factor, PHF		0.92	0.92	0.92	0.92	
Hourly Flow Rate, HFR		708	45	127	864	
Percent Heavy Vehicles		--	--	2	--	--
Median Type/Storage	Undivided			/		
RT Channelized?						
Lanes		1	0	0	1	
Configuration		TR		LT		
Upstream Signal?		No			No	

Minor Street: Approach	Northbound			Southbound		
Movement	7	8	9	10	11	12
	L	T	R	L	T	R
Volume	64		80			
Peak Hour Factor, PHF	0.92		0.92			
Hourly Flow Rate, HFR	69		86			
Percent Heavy Vehicles	2		2			
Percent Grade (%)		0			0	
Flared Approach: Exists?/Storage			No /			/
Lanes	0		0			
Configuration		LR				

Delay, Queue Length, and Level of Service

Approach	EB	WB	Northbound			Southbound		
Movement	1	4	7	8	9	10	11	12
Lane Config		LT		LR				
v (vph)		127		155				
C(m) (vph)		857		130				
v/c		0.15		1.19				
95% queue length		0.52		9.34				
Control Delay		9.9		205.3				
LOS		A		F				
Approach Delay				205.3				
Approach LOS				F				

HCS+: Unsignalized Intersections Release 5.3

TWO-WAY STOP CONTROL SUMMARY

Analyst: JCE
Agency/Co.: JOHN COLLINS ENGINEERS, P.C.
Date Performed: OCTOBER 2008
Analysis Time Period: WEEKDAY PEAK PM HIGHWAY HOUR
Intersection: U.S. ROUTE 202 & RAMAPO PLAZA
Jurisdiction:
Units: U. S. Customary
Analysis Year: 2011 NO-BUILD TRAFFIC VOLUMES
Project ID: 1540PMNB9
East/West Street: U.S. ROUTE 202
North/South Street: RAMAPO PLAZA
Intersection Orientation: EW Study period (hrs): 0.25

Vehicle Volumes and Adjustments

Major Street: Approach	Eastbound			Westbound		
Movement	1	2	3	4	5	6
	L	T	R	L	T	R
Volume		932	27	32	842	
Peak-Hour Factor, PHF		0.95	0.95	0.95	0.95	
Hourly Flow Rate, HFR		981	28	33	886	
Percent Heavy Vehicles		--	--	2	--	--
Median Type/Storage	Undivided			/		
RT Channelized?						
Lanes		1	0	0	1	
Configuration			TR		LT	
Upstream Signal?		No			No	

Minor Street: Approach	Northbound			Southbound		
Movement	7	8	9	10	11	12
	L	T	R	L	T	R
Volume	21		37			
Peak Hour Factor, PHF	0.95		0.95			
Hourly Flow Rate, HFR	22		38			
Percent Heavy Vehicles	2		2			
Percent Grade (%)		0			0	
Flared Approach: Exists?/Storage			No	/		/
Lanes	0		0			
Configuration		LR				

Delay, Queue Length, and Level of Service

Approach	EB	WB	Northbound			Southbound		
Movement	1	4	7	8	9	10	11	12
Lane Config		LT		LR				
v (vph)		33		60				
C(m) (vph)		687		133				
v/c		0.05		0.45				
95% queue length		0.15		2.02				
Control Delay		10.5		52.6				
LOS		B		F				
Approach Delay				52.6				
Approach LOS				F				

HCS+: Unsignalized Intersections Release 5.3

TWO-WAY STOP CONTROL SUMMARY

Analyst: JCE
Agency/Co.: JOHN COLLINS ENGINEERS, P.C.
Date Performed: OCTOBER 2008
Analysis Time Period: WEEKDAY PEAK SAT HIGHWAY HOUR
Intersection: U.S. ROUTE 202 & RAMAPO PLAZA
Jurisdiction:
Units: U. S. Customary
Analysis Year: 2011 NO-BUILD TRAFFIC VOLUMES
Project ID: 1540SATNB9
East/West Street: U.S. ROUTE 202
North/South Street: RAMAPO PLAZA
Intersection Orientation: EW Study period (hrs): 0.25

Vehicle Volumes and Adjustments

Major Street: Approach	Eastbound			Westbound		
Movement	1	2	3	4	5	6
	L	T	R	L	T	R
Volume		745	48	27	745	
Peak-Hour Factor, PHF		0.92	0.92	0.92	0.92	
Hourly Flow Rate, HFR		809	52	29	809	
Percent Heavy Vehicles		--	--	2	--	--
Median Type/Storage	Undivided			/		
RT Channelized?						
Lanes		1	0	0	1	
Configuration		TR		LT		
Upstream Signal?		No			No	

Minor Street: Approach	Northbound			Southbound		
Movement	7	8	9	10	11	12
	L	T	R	L	T	R
Volume	27		32			
Peak Hour Factor, PHF	0.92		0.92			
Hourly Flow Rate, HFR	29		34			
Percent Heavy Vehicles	2		2			
Percent Grade (%)		0			0	
Flared Approach: Exists?/Storage			No	/		/
Lanes	0		0			
Configuration		LR				

Delay, Queue Length, and Level of Service

Approach	EB	WB	Northbound			Southbound		
Movement	1	4	7	8	9	10	11	12
Lane Config		LT		LR				
v (vph)		29		63				
C(m) (vph)		781		161				
v/c		0.04		0.39				
95% queue length		0.12		1.69				
Control Delay		9.8		41.1				
LOS		A		E				
Approach Delay				41.1				
Approach LOS				E				

HCS+: Unsignalized Intersections Release 5.3

TWO-WAY STOP CONTROL SUMMARY

Analyst: JCE
Agency/Co.: JOHN COLLINS ENGINEERS, P.C.
Date Performed: OCTOBER 2008
Analysis Time Period: WEEKDAY PEAK AM HIGHWAY HOUR
Intersection: US RTE 202 & RAMAPO PLAZA/SITE
Jurisdiction: (FULL BUILD)
Units: U. S. Customary
Analysis Year: 2011 BUILD TRAFFIC VOLUMES
Project ID: 1540AMB9
East/West Street: U.S. ROUTE 202
North/South Street: RAMAPO PLAZA/SITE ACCESS
Intersection Orientation: EW Study period (hrs): 0.25

Vehicle Volumes and Adjustments

Major Street: Approach	Eastbound			Westbound		
Movement	1	2	3	4	5	6
	L	T	R	L	T	R
Volume		795	42	117	882	
Peak-Hour Factor, PHF		0.92	0.92	0.92	0.92	
Hourly Flow Rate, HFR		864	45	127	958	
Percent Heavy Vehicles		--	--	2	--	--
Median Type/Storage	Undivided			/		
RT Channelized?						
Lanes		1	0	1	1	
Configuration			TR	L	T	
Upstream Signal?		No			No	

Minor Street: Approach	Northbound			Southbound		
Movement	7	8	9	10	11	12
	L	T	R	L	T	R
Volume	64		80			
Peak Hour Factor, PHF	0.92		0.92			
Hourly Flow Rate, HFR	69		86			
Percent Heavy Vehicles	2		2			
Percent Grade (%)		0			0	
Flared Approach: Exists?/Storage			No	/		/
Lanes	0		0			
Configuration		LR				

Delay, Queue Length, and Level of Service

Approach	EB	WB	Northbound			Southbound		
Movement	1	4	7	8	9	10	11	12
Lane Config		L		LR				
v (vph)		127		155				
C(m) (vph)		749		154				
v/c		0.17		1.01				
95% queue length		0.61		7.69				
Control Delay		10.8		132.7				
LOS		B		F				
Approach Delay				132.7				
Approach LOS				F				

HCS+: Unsignalized Intersections Release 5.3

TWO-WAY STOP CONTROL SUMMARY

Analyst: JCE
Agency/Co.: JOHN COLLINS ENGINEERS, P.C.
Date Performed: OCTOBER 2008
Analysis Time Period: WEEKDAY PEAK PM HIGHWAY HOUR
Intersection: US RTE 202 & RAMAPO PLAZA/SITE
Jurisdiction: (FULL BUILD)
Units: U. S. Customary
Analysis Year: 2011 BUILD TRAFFIC VOLUMES
Project ID: 1540PMB9
East/West Street: U.S. ROUTE 202
North/South Street: RAMAPO PLAZA/SITE ACCESS
Intersection Orientation: EW Study period (hrs): 0.25

Vehicle Volumes and Adjustments

Major Street: Approach	Eastbound			Westbound		
Movement	1	2	3	4	5	6
	L	T	R	L	T	R
Volume		1276	27	32	1145	
Peak-Hour Factor, PHF		0.95	0.95	0.95	0.95	
Hourly Flow Rate, HFR		1343	28	33	1205	
Percent Heavy Vehicles		--	--	2	--	--
Median Type/Storage	Undivided			/		
RT Channelized?						
Lanes		1	0	1	1	
Configuration		TR		L	T	
Upstream Signal?		No			No	

Minor Street: Approach	Northbound			Southbound		
Movement	7	8	9	10	11	12
	L	T	R	L	T	R
Volume	21		37			
Peak Hour Factor, PHF	0.95		0.95			
Hourly Flow Rate, HFR	22		38			
Percent Heavy Vehicles	2		2			
Percent Grade (%)		0			0	
Flared Approach: Exists?/Storage			No	/		/
Lanes	0		0			
Configuration		LR				

Delay, Queue Length, and Level of Service

Approach	EB	WB	Northbound			Southbound		
Movement	1	4	7	8	9	10	11	12
Lane Config		L		LR				
v (vph)		33		60				
C(m) (vph)		501		103				
v/c		0.07		0.58				
95% queue length		0.21		2.76				
Control Delay		12.7		80.1				
LOS		B		F				
Approach Delay				80.1				
Approach LOS				F				

HCS+: Unsignalized Intersections Release 5.3

TWO-WAY STOP CONTROL SUMMARY

Analyst: JCE
Agency/Co.: JOHN COLLINS ENGINEERS, P.C.
Date Performed: OCTOBER 2008
Analysis Time Period: WEEKDAY PEAK SAT HIGHWAY HOUR
Intersection: US RTE 202 & RAMAPO PLAZA/SITE
Jurisdiction: (FULL BUILD)
Units: U. S. Customary
Analysis Year: 2011 BUILD TRAFFIC VOLUMES
Project ID: 1540SATB9
East/West Street: U.S. ROUTE 202
North/South Street: RAMAPO PLAZA/SITE ACCESS
Intersection Orientation: EW Study period (hrs): 0.25

Vehicle Volumes and Adjustments

Major Street: Approach	Eastbound			Westbound		
Movement	1	2	3	4	5	6
	L	T	R	L	T	R
Volume		1197	48	27	1110	
Peak-Hour Factor, PHF		0.92	0.92	0.92	0.92	
Hourly Flow Rate, HFR		1301	52	29	1206	
Percent Heavy Vehicles		--	--	2	--	--
Median Type/Storage	Undivided			/		
RT Channelized?						
Lanes		1	0	1	1	
Configuration		TR		L	T	
Upstream Signal?		No			No	

Minor Street: Approach	Northbound			Southbound		
Movement	7	8	9	10	11	12
	L	T	R	L	T	R
Volume	27		32			
Peak Hour Factor, PHF	0.92		0.92			
Hourly Flow Rate, HFR	29		34			
Percent Heavy Vehicles	2		2			
Percent Grade (%)		0			0	
Flared Approach: Exists?/Storage			No	/		/
Lanes	0		0			
Configuration		LR				

Delay, Queue Length, and Level of Service

Approach	EB	WB	Northbound			Southbound		
Movement	1	4	7	8	9	10	11	12
Lane Config		L		LR				
v (vph)		29		63				
C(m) (vph)		509		95				
v/c		0.06		0.66				
95% queue length		0.18		3.26				
Control Delay		12.5		97.7				
LOS		B		F				
Approach Delay				97.7				
Approach LOS				F				

HCS+: Signalized Intersections Release 5.3

Analyst: JCE
Agency: JOHN COLLINS ENGINEERS, P.C.
Date: SEPTEMBER 2008
Period: WEEKDAY PEAK AM HIGHWAY HOUR
Project ID: 1540AMEX10
E/W St: U.S. ROUTE 202

Inter.: U.S. ROUTE 202 & MARTINO WAY
Area Type: All other areas
Jurisd:
Year : 2008 EXISTING TRAFFIC VOLUMES
N/S St: MARTINO WAY

SIGNALIZED INTERSECTION SUMMARY

	Eastbound			Westbound			Northbound			Southbound		
	L	T	R	L	T	R	L	T	R	L	T	R
No. Lanes	1	1	0	0	1	0	0	0	0	1	0	1
LGConfig	L	T			TR					L		R
Volume	25	495			920	20				35		115
Lane Width	12.0	12.0			12.0					12.0		12.0
RTOR Vol						0						0

Duration 0.25 Area Type: All other areas

Signal Operations

Phase Combination		1	2	3	4			5	6	7	8
EB	Left		A			NB	Left				
	Thru		A				Thru				
	Right						Right				
	Peds						Peds				
WB	Left					SB	Left	A			
	Thru		A				Thru				
	Right		A				Right	A			
	Peds						Peds				
NB	Right					EB	Right				
SB	Right	A				WB	Right				
Green		10.0	55.0					10.0			
Yellow		3.0	3.0					3.0			
All Red		2.0	2.0					2.0			

Cycle Length: 90.0 secs

Intersection Performance Summary

Appr/ Lane Grp	Lane Group Capacity	Adj Sat Flow Rate (s)	Ratios v/c	Ratios g/C	Lane Group Delay	Lane Group LOS	Approach Delay	Approach LOS
Eastbound								
L	432	1770	0.06	0.78	5.0	A		
T	1449	1863	0.37	0.78	3.3	A	3.4	A
Westbound								
TR	1135	1857	0.90	0.61	25.1	C	25.1	C
Northbound								
Southbound								
L	197	1770	0.19	0.11	36.8	D		
							28.4	C
R	440	1583	0.28	0.28	25.8	C		

Intersection Delay = 18.4 (sec/veh) Intersection LOS = B

HCS+: Signalized Intersections Release 5.3

Analyst: JCE
Agency: JOHN COLLINS ENGINEERS, P.C.
Date: SEPTEMBER 2008
Period: WEEKDAY PEAK PM HIGHWAY HOUR
Project ID: 1540PMEX10
E/W St: U.S. ROUTE 202

Inter.: U.S. ROUTE 202 & MARTINO WAY
Area Type: All other areas
Jurisd:
Year : 2008 EXISTING TRAFFIC VOLUMES
N/S St: MARTINO WAY

SIGNALIZED INTERSECTION SUMMARY

	Eastbound			Westbound			Northbound			Southbound		
	L	T	R	L	T	R	L	T	R	L	T	R
No. Lanes	1	1	0	0	1	0	0	0	0	1	0	1
LGConfig	L	T			TR					L		R
Volume	110	1105			650	25				15		40
Lane Width	12.0	12.0			12.0					12.0		12.0
RTOR Vol						0						0

Duration 0.25 Area Type: All other areas

Signal Operations

Phase Combination		1	2	3	4			5	6	7	8
EB	Left	A	A			NB	Left				
	Thru	A	A				Thru				
	Right						Right				
	Peds						Peds				
WB	Left					SB	Left	A			
	Thru		A				Thru				
	Right		A				Right	A			
	Peds						Peds				
NB	Right					EB	Right				
SB	Right	A				WB	Right				
Green		10.0	55.0					10.0			
Yellow		3.0	3.0					3.0			
All Red		2.0	2.0					2.0			

Cycle Length: 90.0 secs

Intersection Performance Summary

Appr/ Lane Grp	Lane Group Capacity	Adj Sat Flow Rate (s)	Ratios v/c	Ratios g/C	Lane Group Delay	Lane Group LOS	Approach Delay	Approach LOS
Eastbound								
L	555	1770	0.21	0.78	4.3	A		
T	1449	1863	0.80	0.78	9.3	A	8.8	A
Westbound								
TR	1133	1854	0.63	0.61	12.1	B	12.1	B
Northbound								
Southbound								
L	197	1770	0.08	0.11	36.1	D		
							27.5	C
R	440	1583	0.10	0.28	24.2	C		

Intersection Delay = 10.5 (sec/veh) Intersection LOS = B

HCS+: Signalized Intersections Release 5.3

Analyst: JCE
Agency: JOHN COLLINS ENGINEERS, P.C.
Date: SEPTEMBER 2008
Period: WEEKDAY PEAK SAT HIGHWAY HOUR
Project ID: 1540SATEX10
E/W St: U.S. ROUTE 202

Inter.: \U.S. ROUTE 202 & MARTINO WAY
Area Type: All other areas
Jurisd:
Year : 2008 EXISTING TRAFFIC VOLUMES

N/S St: MARTINO WAY

SIGNALIZED INTERSECTION SUMMARY

	Eastbound			Westbound			Northbound			Southbound		
	L	T	R	L	T	R	L	T	R	L	T	R
No. Lanes	1	1	0	0	1	0	0	0	0	1	0	1
LGConfig	L	T			TR					L		R
Volume	50	665			700	15				15		70
Lane Width	12.0	12.0			12.0					12.0		12.0
RTOR Vol						0						0

Duration 0.25 Area Type: All other areas

Signal Operations

Phase Combination		1	2	3	4			5	6	7	8
EB	Left	A	A			NB	Left				
	Thru	A	A				Thru				
	Right						Right				
	Peds						Peds				
WB	Left					SB	Left	A			
	Thru		A				Thru				
	Right		A				Right	A			
	Peds						Peds				
NB	Right					EB	Right				
SB	Right	A				WB	Right				
Green		10.0	55.0					10.0			
Yellow		3.0	3.0					3.0			
All Red		2.0	2.0					2.0			

Cycle Length: 90.0 secs

Intersection Performance Summary

Appr/ Lane Grp	Lane Group Capacity	Adj Sat Flow Rate (s)	Ratios v/c	Ratios g/C	Lane Group Delay	Lane Group LOS	Approach Delay	Approach LOS
Eastbound								
L	524	1770	0.10	0.78	4.2	A		
T	1449	1863	0.50	0.78	3.9	A	3.9	A
Westbound								
TR	1135	1858	0.68	0.61	13.4	B	13.4	B
Northbound								
Southbound								
L	197	1770	0.08	0.11	36.1	D		
							26.8	C
R	440	1583	0.17	0.28	24.8	C		

Intersection Delay = 9.7 (sec/veh) Intersection LOS = A

HCS+: Signalized Intersections Release 5.3

Analyst: JCE
Agency: JOHN COLLINS ENGINEERS, P.C.
Date: OCTOBER 2008
Period: WEEKDAY PEAK AM HIGHWAY HOUR
Project ID: 1540AMNB10
E/W St: U.S. ROUTE 202

Inter.: U.S. ROUTE 202 & MARTINO WAY
Area Type: All other areas
Jurisd: (FULL BUILD)
Year : 2011 NO-BUILD TRAFFIC VOLUMES

N/S St: MARTINO WAY

SIGNALIZED INTERSECTION SUMMARY

	Eastbound			Westbound			Northbound			Southbound		
	L	T	R	L	T	R	L	T	R	L	T	R
No. Lanes	1	1	0	0	1	0	0	0	0	1	0	1
LGConfig	L	T			TR					L		R
Volume	27	554			1003	21				37		122
Lane Width	12.0	12.0			12.0					12.0		12.0
RTOR Vol						0						0

Duration 0.25 Area Type: All other areas

Signal Operations

Phase Combination		1	2	3	4			5	6	7	8
EB	Left	A	A			NB	Left				
	Thru	A	A				Thru				
	Right						Right				
	Peds						Peds				
WB	Left					SB	Left	A			
	Thru		A				Thru				
	Right		A				Right	A			
	Peds						Peds				
NB	Right					EB	Right				
SB	Right	A				WB	Right				
Green		10.0	55.0					10.0			
Yellow		3.0	3.0					3.0			
All Red		2.0	2.0					2.0			

Cycle Length: 90.0 secs

Intersection Performance Summary

Appr/ Lane Grp	Lane Group Capacity	Adj Sat Flow Rate (s)	Ratios v/c	Ratios g/C	Lane Group Delay	Lane Group LOS	Approach Delay	Approach LOS
Eastbound								
L	405	1770	0.07	0.78	5.4	A		
T	1449	1863	0.42	0.78	3.5	A	3.6	A
Westbound								
TR	1135	1858	0.98	0.61	39.0	D	39.0	D
Northbound								
Southbound								
L	197	1770	0.20	0.11	36.9	D		
							28.5	C
R	440	1583	0.30	0.28	26.0	C		

Intersection Delay = 26.4 (sec/veh) Intersection LOS = C

HCS+: Signalized Intersections Release 5.3

Analyst: JCE
Agency: JOHN COLLINS ENGINEERS, P.C.
Date: OCTOBER 2008
Period: WEEKDAY PEAK PM HIGHWAY HOUR
Project ID: 1540PMNB10
E/W St: U.S. ROUTE 202

Inter.: U.S. ROUTE 202 & MARTINO WAY
Area Type: All other areas
Jurisd: (FULL BUILD)
Year : 2011 NO-BUILD TRAFFIC VOLUMES
N/S St: MARTINO WAY

SIGNALIZED INTERSECTION SUMMARY

	Eastbound			Westbound			Northbound			Southbound		
	L	T	R	L	T	R	L	T	R	L	T	R
No. Lanes	1	1	0	0	1	0	0	0	0	1	0	1
LGConfig	L	T			TR					L		R
Volume	117	1202			720	27				16		42
Lane Width	12.0	12.0			12.0					12.0		12.0
RTOR Vol						0						0

Duration 0.25 Area Type: All other areas

Signal Operations

Phase Combination		1	2	3	4			5	6	7	8
EB	Left	A	A			NB	Left				
	Thru	A	A				Thru				
	Right						Right				
	Peds						Peds				
WB	Left					SB	Left	A			
	Thru		A				Thru				
	Right		A				Right	A			
	Peds						Peds				
NB	Right					EB	Right				
SB	Right	A				WB	Right				
Green		10.0	55.0					10.0			
Yellow		3.0	3.0					3.0			
All Red		2.0	2.0					2.0			

Cycle Length: 90.0 secs

Intersection Performance Summary

Appr/ Lane Grp	Lane Group Capacity	Adj Sat Flow Rate (s)	Ratios v/c	Ratios g/C	Lane Group Delay	Lane Group LOS	Approach Delay	Approach LOS
Eastbound								
L	520	1770	0.24	0.78	4.7	A		
T	1449	1863	0.87	0.78	13.1	B	12.4	B
Westbound								
TR	1133	1854	0.69	0.61	13.7	B	13.7	B
Northbound								
Southbound								
L	197	1770	0.09	0.11	36.1	D		
							27.5	C
R	440	1583	0.10	0.28	24.2	C		

Intersection Delay = 13.2 (sec/veh) Intersection LOS = B

HCS+: Signalized Intersections Release 5.3

Analyst: JCE
Agency: JOHN COLLINS ENGINEERS, P.C.
Date: OCTOBER 2008
Period: WEEKDAY PEAK SAT HIGHWAY HOUR
Project ID: 1540SATNB10
E/W St: U.S. ROUTE 202

Inter.: U.S. ROUTE 202 & MARTINO WAY
Area Type: All other areas
Jurisd: (FULL BUILD)
Year : 2011 NO-BUILD TRAFFIC VOLUMES
N/S St: MARTINO WAY

SIGNALIZED INTERSECTION SUMMARY

	Eastbound			Westbound			Northbound			Southbound		
	L	T	R	L	T	R	L	T	R	L	T	R
No. Lanes	1	1	0	0	1	0	0	0	0	1	0	1
LGConfig	L	T			TR					L		R
Volume	53	726			764	16				16		74
Lane Width	12.0	12.0			12.0					12.0		12.0
RTOR Vol						0						0

Duration 0.25 Area Type: All other areas

Signal Operations

Phase Combination		1	2	3	4			5	6	7	8
EB	Left	A	A			NB	Left				
	Thru	A	A				Thru				
	Right						Right				
	Peds						Peds				
WB	Left					SB	Left	A			
	Thru		A				Thru				
	Right		A				Right	A			
	Peds						Peds				
NB	Right					EB	Right				
SB	Right	A				WB	Right				
Green		10.0	55.0					10.0			
Yellow		3.0	3.0					3.0			
All Red		2.0	2.0					2.0			

Cycle Length: 90.0 secs

Intersection Performance Summary

Appr/ Lane Grp	Lane Group Capacity	Adj Sat Flow Rate (s)	Ratios v/c	Ratios g/C	Lane Group Delay	Lane Group LOS	Approach Delay	Approach LOS
Eastbound								
L	495	1770	0.12	0.78	4.5	A		
T	1449	1863	0.54	0.78	4.3	A	4.3	A
Westbound								
TR	1135	1858	0.75	0.61	15.3	B	15.3	B
Northbound								
Southbound								
L	197	1770	0.09	0.11	36.1	D		
							26.9	C
R	440	1583	0.18	0.28	24.9	C		

Intersection Delay = 10.7 (sec/veh) Intersection LOS = B

HCS+: Signalized Intersections Release 5.3

Analyst: JCE
Agency: JOHN COLLINS ENGINEERS, P.C.
Date: OCTOBER 2008
Period: WEEKDAY PEAK AM HIGHWAY HOUR
Project ID: 1540AMB10
E/W St: U.S. ROUTE 202

Inter.: U.S. ROUTE 202 & MARTINO WAY
Area Type: All other areas
Jurisd: (FULL BUILD)
Year : 2011 BUILD TRAFFIC VOLUMES

N/S St: MARTINO WAY

SIGNALIZED INTERSECTION SUMMARY

	Eastbound			Westbound			Northbound			Southbound		
	L	T	R	L	T	R	L	T	R	L	T	R
No. Lanes	1	1	0	0	1	0	0	0	0	1	0	1
LGConfig	L	T			TR					L		R
Volume	27	584			1028	21				37		122
Lane Width	12.0	12.0			12.0					12.0		12.0
RTOR Vol						0						0

Duration 0.25 Area Type: All other areas

Signal Operations

Phase Combination		1	2	3	4			5	6	7	8
EB	Left	A	A			NB	Left				
	Thru	A	A				Thru				
	Right						Right				
	Peds						Peds				
WB	Left					SB	Left	A			
	Thru		A				Thru				
	Right		A				Right	A			
	Peds						Peds				
NB	Right					EB	Right				
SB	Right	A				WB	Right				
Green		10.0	55.0					10.0			
Yellow		3.0	3.0					3.0			
All Red		2.0	2.0					2.0			

Cycle Length: 90.0 secs

Intersection Performance Summary

Appr/ Lane Grp	Lane Group Capacity	Adj Sat Flow Rate (s)	Ratios v/c	Ratios g/C	Lane Group Delay	Lane Group LOS	Approach Delay	Approach LOS
Eastbound								
L	398	1770	0.07	0.78	5.5	A		
T	1449	1863	0.44	0.78	3.6	A	3.7	A
Westbound								
TR	1135	1858	1.00	0.61	45.3	D	45.3	D
Northbound								
Southbound								
L	197	1770	0.20	0.11	36.9	D		
							28.5	C
R	440	1583	0.30	0.28	26.0	C		

Intersection Delay = 29.8 (sec/veh) Intersection LOS = C

HCS+: Signalized Intersections Release 5.3

Analyst: JCE
Agency: JOHN COLLINS ENGINEERS, P.C.
Date: OCTOBER 2008
Period: WEEKDAY PEAK PM HIGHWAY HOUR
Project ID: 1540PMB10
E/W St: U.S. ROUTE 202

Inter.: U.S. ROUTE 202 & MARTINO WAY
Area Type: All other areas
Jurisd: (FULL BUILD)
Year : 2011 BUILD TRAFFIC VOLUMES
N/S St: MARTINO WAY

SIGNALIZED INTERSECTION SUMMARY

	Eastbound			Westbound			Northbound			Southbound		
	L	T	R	L	T	R	L	T	R	L	T	R
No. Lanes	1	1	0	0	1	0	0	0	0	1	0	1
LGConfig	L	T			TR					L		R
Volume	117	1281			802	27				16		42
Lane Width	12.0	12.0			12.0					12.0		12.0
RTOR Vol						0						0

Duration 0.25 Area Type: All other areas

Signal Operations

Phase Combination		1	2	3	4			5	6	7	8
EB	Left	A	A			NB	Left				
	Thru	A	A				Thru				
	Right						Right				
	Peds						Peds				
WB	Left					SB	Left	A			
	Thru		A				Thru				
	Right		A				Right	A			
	Peds						Peds				
NB	Right					EB	Right				
SB	Right	A				WB	Right				
Green		10.0	55.0					10.0			
Yellow		3.0	3.0					3.0			
All Red		2.0	2.0					2.0			

Cycle Length: 90.0 secs

Intersection Performance Summary

Appr/ Lane Grp	Lane Group Capacity	Adj Sat Flow Rate (s)	Ratios v/c	Ratios g/C	Lane Group Delay	Lane Group LOS	Approach Delay	Approach LOS
Eastbound								
L	485	1770	0.25	0.78	5.2	A		
T	1449	1863	0.93	0.78	19.0	B	17.8	B
Westbound								
TR	1134	1855	0.77	0.61	16.1	B	16.1	B
Northbound								
Southbound								
L	197	1770	0.09	0.11	36.1	D		
							27.5	C
R	440	1583	0.10	0.28	24.2	C		

Intersection Delay = 17.5 (sec/veh) Intersection LOS = B

HCS+: Signalized Intersections Release 5.3

Analyst: JCE
Agency: JOHN COLLINS ENGINEERS, P.C.
Date: OCTOBER 2008
Period: WEEKDAY PEAK SAT HIGHWAY HOUR
Project ID: 1540SATB10
E/W St: U.S. ROUTE 202

Inter.: U.S. ROUTE 202 & MARTINO WAY
Area Type: All other areas
Jurisd: (FULL BUILD)
Year : 2011 BUILD TRAFFIC VOLUMES
N/S St: MARTINO WAY

SIGNALIZED INTERSECTION SUMMARY

	Eastbound			Westbound			Northbound			Southbound		
	L	T	R	L	T	R	L	T	R	L	T	R
No. Lanes	1	1	0	0	1	0	0	0	0	1	0	1
LGConfig	L	T			TR					L		R
Volume	53	829			867	16				16		74
Lane Width	12.0	12.0			12.0					12.0		12.0
RTOR Vol						0						0

Duration 0.25 Area Type: All other areas

Signal Operations

Phase Combination		1	2	3	4			5	6	7	8
EB	Left		A			NB	Left				
	Thru		A				Thru				
	Right						Right				
	Peds						Peds				
WB	Left					SB	Left	A			
	Thru		A				Thru				
	Right		A				Right	A			
	Peds						Peds				
NB	Right					EB	Right				
SB	Right	A				WB	Right				
Green		10.0	55.0					10.0			
Yellow		3.0	3.0					3.0			
All Red		2.0	2.0					2.0			

Cycle Length: 90.0 secs

Intersection Performance Summary

Appr/ Lane Grp	Lane Group Capacity	Adj Sat Flow Rate (s)	Ratios v/c	Ratios g/C	Lane Group Delay	Lane Group LOS	Approach Delay	Approach LOS
Eastbound								
L	454	1770	0.13	0.78	5.0	A		
T	1449	1863	0.62	0.78	5.1	A	5.1	A
Westbound								
TR	1135	1858	0.84	0.61	20.1	C	20.1	C
Northbound								
Southbound								
L	197	1770	0.09	0.11	36.1	D		
							26.9	C
R	440	1583	0.18	0.28	24.9	C		

Intersection Delay = 13.3 (sec/veh) Intersection LOS = B

HCS+: Unsignalized Intersections Release 5.3

TWO-WAY STOP CONTROL SUMMARY

Analyst: JCE
Agency/Co.: JOHN COLLINS ENGINEERS, P.C.
Date Performed: OCTOBER 2008
Analysis Time Period: WEEKDAY PEAK AM HIGHWAY HOUR
Intersection: US RTE 202 & PACESETTER SHOPPI
Jurisdiction:
Units: U. S. Customary
Analysis Year: 2008 EXISTING TRAFFIC VOLUMES
Project ID: 1540AMEX11
East/West Street: U.S. ROUTE 202
North/South Street: PACESETTER SHOPPING CENTER EB
Intersection Orientation: EW Study period (hrs): 0.25

Vehicle Volumes and Adjustments

Major Street: Approach	Eastbound			Westbound		
Movement	1	2	3	4	5	6
	L	T	R	L	T	R
Volume		515	5		730	
Peak-Hour Factor, PHF		0.92	0.92		0.92	
Hourly Flow Rate, HFR		559	5		793	
Percent Heavy Vehicles		--	--		--	--
Median Type/Storage	Undivided		/			
RT Channelized?						
Lanes		1	0		1	
Configuration			TR		T	
Upstream Signal?		No			No	

Minor Street: Approach	Northbound			Southbound		
Movement	7	8	9	10	11	12
	L	T	R	L	T	R
Volume			35			
Peak Hour Factor, PHF			0.92			
Hourly Flow Rate, HFR			38			
Percent Heavy Vehicles			2			
Percent Grade (%)		0			0	
Flared Approach: Exists?/Storage			/			/
Lanes			1			
Configuration			R			

Delay, Queue Length, and Level of Service

Approach	EB	WB	Northbound			Southbound		
Movement	1	4	7	8	9	10	11	12
Lane Config					R			
v (vph)					38			
C(m) (vph)					526			
v/c					0.07			
95% queue length					0.23			
Control Delay					12.4			
LOS					B			
Approach Delay				12.4				
Approach LOS				B				

HCS+: Unsignalized Intersections Release 5.3

TWO-WAY STOP CONTROL SUMMARY

Analyst: JCE
Agency/Co.: JOHN COLLINS ENGINEERS, P.C.
Date Performed: SEPTEMBER 2008
Analysis Time Period: WEEKDAY PEAK PM HIGHWAY HOUR
Intersection: US RTE 202 & PACESETTER SHOPPI
Jurisdiction:
Units: U. S. Customary
Analysis Year: 2008 EXISTING TRAFFIC VOLUMES
Project ID: 1540PMEX11
East/West Street: U.S. ROUTE 202
North/South Street: PACESETTER SHOPPING CENTER EB
Intersection Orientation: EW Study period (hrs): 0.25

Vehicle Volumes and Adjustments

Major Street: Approach	Eastbound			Westbound		
Movement	1	2	3	4	5	6
	L	T	R	L	T	R
Volume		700	5		710	
Peak-Hour Factor, PHF		0.95	0.95		0.95	
Hourly Flow Rate, HFR		736	5		747	
Percent Heavy Vehicles		--	--		--	--
Median Type/Storage	Undivided		/			
RT Channelized?						
Lanes		1	0		1	
Configuration			TR		T	
Upstream Signal?		No			No	

Minor Street: Approach	Northbound			Southbound		
Movement	7	8	9	10	11	12
	L	T	R	L	T	R
Volume			100			
Peak Hour Factor, PHF			0.95			
Hourly Flow Rate, HFR			105			
Percent Heavy Vehicles			2			
Percent Grade (%)		0			0	
Flared Approach: Exists?/Storage			/			/
Lanes			1			
Configuration			R			

Delay, Queue Length, and Level of Service

Approach	EB	WB	Northbound			Southbound		
Movement	1	4	7	8	9	10	11	12
Lane Config					R			
v (vph)					105			
C(m) (vph)					418			
v/c					0.25			
95% queue length					0.98			
Control Delay					16.5			
LOS					C			
Approach Delay				16.5				
Approach LOS				C				

HCS+: Unsignalized Intersections Release 5.3

TWO-WAY STOP CONTROL SUMMARY

Analyst: JCE
Agency/Co.: JOHN COLLINS ENGINEERS, P.C.
Date Performed: SEPTEMBER 2008
Analysis Time Period: WEEKDAY PEAK SAT HIGHWAY HOUR
Intersection: US RTE 202 & PACESETTER SHOPPI
Jurisdiction:
Units: U. S. Customary
Analysis Year: 2008 EXISTING TRAFFIC VOLUMES
Project ID: 1540SATEX11
East/West Street: U.S. ROUTE 202
North/South Street: PACESETTER SHOPPING CENTER EB
Intersection Orientation: EW Study period (hrs): 0.25

Vehicle Volumes and Adjustments

Major Street: Approach	Eastbound			Westbound		
Movement	1	2	3	4	5	6
	L	T	R	L	T	R
Volume		550	5		615	
Peak-Hour Factor, PHF		0.92	0.92		0.92	
Hourly Flow Rate, HFR		597	5		668	
Percent Heavy Vehicles		--	--		--	--
Median Type/Storage	Undivided		/			
RT Channelized?						
Lanes		1	0		1	
Configuration			TR		T	
Upstream Signal?		No			No	

Minor Street: Approach	Northbound			Southbound		
Movement	7	8	9	10	11	12
	L	T	R	L	T	R
Volume			95			
Peak Hour Factor, PHF			0.92			
Hourly Flow Rate, HFR			103			
Percent Heavy Vehicles			2			
Percent Grade (%)		0			0	
Flared Approach: Exists?/Storage			/			/
Lanes			1			
Configuration			R			

Delay, Queue Length, and Level of Service

Approach	EB	WB	Northbound			Southbound		
Movement	1	4	7	8	9	10	11	12
Lane Config					R			
v (vph)					103			
C(m) (vph)					501			
v/c					0.21			
95% queue length					0.76			
Control Delay					14.0			
LOS					B			
Approach Delay				14.0				
Approach LOS				B				

HCS+: Unsignalized Intersections Release 5.3

TWO-WAY STOP CONTROL SUMMARY

Analyst: JCE
Agency/Co.: JOHN COLLINS ENGINEERS, P.C.
Date Performed: OCTOBER 2008
Analysis Time Period: WEEKDAY PEAK AM HIGHWAY HOUR
Intersection: US RTE 202 & PACESETTER SHOPPI
Jurisdiction: (FULL BUILD)
Units: U. S. Customary
Analysis Year: 2011 NO-BUILD TRAFFIC VOLUMES
Project ID: 1540AMNB11
East/West Street: U.S. ROUTE 202
North/South Street: PACESETTER SHOPPING CENTER EB
Intersection Orientation: EW Study period (hrs): 0.25

Vehicle Volumes and Adjustments

Major Street: Approach	Eastbound			Westbound		
Movement	1	2	3	4	5	6
	L	T	R	L	T	R
Volume		652	5		838	
Peak-Hour Factor, PHF		0.92	0.92		0.92	
Hourly Flow Rate, HFR		708	5		910	
Percent Heavy Vehicles		--	--		--	--
Median Type/Storage	Undivided		/			
RT Channelized?						
Lanes		1	0		1	
Configuration			TR		T	
Upstream Signal?		No			No	

Minor Street: Approach	Northbound			Southbound		
Movement	7	8	9	10	11	12
	L	T	R	L	T	R
Volume			37			
Peak Hour Factor, PHF			0.92			
Hourly Flow Rate, HFR			40			
Percent Heavy Vehicles			2			
Percent Grade (%)		0			0	
Flared Approach: Exists?/Storage			/			/
Lanes			1			
Configuration			R			

Delay, Queue Length, and Level of Service

Approach	EB	WB	Northbound			Southbound		
Movement	1	4	7	8	9	10	11	12
Lane Config					R			
v (vph)					40			
C(m) (vph)					434			
v/c					0.09			
95% queue length					0.30			
Control Delay					14.1			
LOS					B			
Approach Delay				14.1				
Approach LOS				B				

HCS+: Unsignalized Intersections Release 5.3

TWO-WAY STOP CONTROL SUMMARY

Analyst: JCE
Agency/Co.: JOHN COLLINS ENGINEERS, P.C.
Date Performed: OCTOBER 2008
Analysis Time Period: WEEKDAY PEAK PM HIGHWAY HOUR
Intersection: US RTE 202 & PACESETTER SHOPPI
Jurisdiction: (FULL BUILD)
Units: U. S. Customary
Analysis Year: 2011 NO-BUILD TRAFFIC VOLUMES
Project ID: 1540PMNB11
East/West Street: U.S. ROUTE 202
North/South Street: PACESETTER SHOPPING CENTER EB
Intersection Orientation: EW Study period (hrs): 0.25

Vehicle Volumes and Adjustments

Major Street: Approach	Eastbound			Westbound		
Movement	1	2	3	4	5	6
	L	T	R	L	T	R
Volume		831	5		864	
Peak-Hour Factor, PHF		0.95	0.95		0.95	
Hourly Flow Rate, HFR		874	5		909	
Percent Heavy Vehicles		--	--		--	--
Median Type/Storage	Undivided		/			
RT Channelized?						
Lanes		1	0		1	
Configuration			TR		T	
Upstream Signal?		No			No	

Minor Street: Approach	Northbound			Southbound		
Movement	7	8	9	10	11	12
	L	T	R	L	T	R
Volume			106			
Peak Hour Factor, PHF			0.95			
Hourly Flow Rate, HFR			111			
Percent Heavy Vehicles			2			
Percent Grade (%)		0			0	
Flared Approach: Exists?/Storage			/			/
Lanes			1			
Configuration			R			

Delay, Queue Length, and Level of Service

Approach	EB	WB	Northbound			Southbound		
Movement	1	4	7	8	9	10	11	12
Lane Config					R			
v (vph)					111			
C(m) (vph)					348			
v/c					0.32			
95% queue length					1.34			
Control Delay					20.1			
LOS					C			
Approach Delay				20.1				
Approach LOS				C				

HCS+: Unsignalized Intersections Release 5.3

TWO-WAY STOP CONTROL SUMMARY

Analyst: JCE
Agency/Co.: JOHN COLLINS ENGINEERS, P.C.
Date Performed: OCTOBER 2008
Analysis Time Period: WEEKDAY PEAK SAT HIGHWAY HOUR
Intersection: US RTE 202 & PACESETTER SHOPPI
Jurisdiction: (FULL BUILD)
Units: U. S. Customary
Analysis Year: 2011 NO-BUILD TRAFFIC VOLUMES
Project ID: 1540SATNB11
East/West Street: U.S. ROUTE 202
North/South Street: PACESETTER SHOPPING CENTER EB
Intersection Orientation: EW Study period (hrs): 0.25

Vehicle Volumes and Adjustments

Major Street: Approach	Eastbound			Westbound		
Movement	1	2	3	4	5	6
	L	T	R	L	T	R
Volume		650	5		729	
Peak-Hour Factor, PHF		0.92	0.92		0.92	
Hourly Flow Rate, HFR		706	5		792	
Percent Heavy Vehicles		--	--		--	--
Median Type/Storage	Undivided		/			
RT Channelized?						
Lanes		1	0		1	
Configuration			TR		T	
Upstream Signal?		No			No	

Minor Street: Approach	Northbound			Southbound		
Movement	7	8	9	10	11	12
	L	T	R	L	T	R
Volume			101			
Peak Hour Factor, PHF			0.92			
Hourly Flow Rate, HFR			109			
Percent Heavy Vehicles			2			
Percent Grade (%)		0			0	
Flared Approach: Exists?/Storage			/			/
Lanes			1			
Configuration			R			

Delay, Queue Length, and Level of Service

Approach	EB	WB	Northbound			Southbound		
Movement	1	4	7	8	9	10	11	12
Lane Config					R			
v (vph)					109			
C(m) (vph)					435			
v/c					0.25			
95% queue length					0.98			
Control Delay					16.0			
LOS					C			
Approach Delay				16.0				
Approach LOS				C				

HCS+: Unsignalized Intersections Release 5.3

TWO-WAY STOP CONTROL SUMMARY

Analyst: JCE
Agency/Co.: JOHN COLLINS ENGINEERS, P.C.
Date Performed: OCTOBER 2008
Analysis Time Period: WEEKDAY PEAK AM HIGHWAY HOUR
Intersection: US RTE 202 & PACESETTER SHOPPI
Jurisdiction: (FULL BUILD)
Units: U. S. Customary
Analysis Year: 2011 BUILD TRAFFIC VOLUMES
Project ID: 1540AMB11
East/West Street: U.S. ROUTE 202
North/South Street: PACESETTER SHOPPING CENTER EB
Intersection Orientation: EW Study period (hrs): 0.25

Vehicle Volumes and Adjustments

Major Street: Approach	Eastbound			Westbound		
Movement	1	2	3	4	5	6
	L	T	R	L	T	R
Volume		713	5		928	
Peak-Hour Factor, PHF		0.92	0.92		0.92	
Hourly Flow Rate, HFR		774	5		1008	
Percent Heavy Vehicles		--	--		--	--
Median Type/Storage	Undivided		/			
RT Channelized?						
Lanes		1	0		1	
Configuration			TR		T	
Upstream Signal?		No			No	

Minor Street: Approach	Northbound			Southbound		
Movement	7	8	9	10	11	12
	L	T	R	L	T	R
Volume			37			
Peak Hour Factor, PHF			0.92			
Hourly Flow Rate, HFR			40			
Percent Heavy Vehicles			2			
Percent Grade (%)		0			0	
Flared Approach: Exists?/Storage			/			/
Lanes			1			
Configuration			R			

Delay, Queue Length, and Level of Service

Approach	EB	WB	Northbound			Southbound		
Movement	1	4	7	8	9	10	11	12
Lane Config					R			
v (vph)					40			
C(m) (vph)					397			
v/c					0.10			
95% queue length					0.33			
Control Delay					15.1			
LOS					C			
Approach Delay				15.1				
Approach LOS				C				

HCS+: Unsignalized Intersections Release 5.3

TWO-WAY STOP CONTROL SUMMARY

Analyst: JCE
Agency/Co.: JOHN COLLINS ENGINEERS, P.C.
Date Performed: OCTOBER 2008
Analysis Time Period: WEEKDAY PEAK PM HIGHWAY HOUR
Intersection: US RTE 202 & PACESETTER SHOPPI
Jurisdiction: (FULL BUILD)
Units: U. S. Customary
Analysis Year: 2011 BUILD TRAFFIC VOLUMES
Project ID: 1540PMB11
East/West Street: U.S. ROUTE 202
North/South Street: PACESETTER SHOPPING CENTER EB
Intersection Orientation: EW Study period (hrs): 0.25

Vehicle Volumes and Adjustments

Major Street: Approach	Eastbound			Westbound		
Movement	1	2	3	4	5	6
	L	T	R	L	T	R
Volume		1042	5		1056	
Peak-Hour Factor, PHF		0.95	0.95		0.95	
Hourly Flow Rate, HFR		1096	5		1111	
Percent Heavy Vehicles		--	--		--	--
Median Type/Storage	Undivided		/			
RT Channelized?						
Lanes		1	0		1	
Configuration			TR		T	
Upstream Signal?		No			No	

Minor Street: Approach	Northbound			Southbound		
Movement	7	8	9	10	11	12
	L	T	R	L	T	R
Volume			106			
Peak Hour Factor, PHF			0.95			
Hourly Flow Rate, HFR			111			
Percent Heavy Vehicles			2			
Percent Grade (%)		0			0	
Flared Approach: Exists?/Storage			/			/
Lanes			1			
Configuration			R			

Delay, Queue Length, and Level of Service

Approach	EB	WB	Northbound			Southbound		
Movement	1	4	7	8	9	10	11	12
Lane Config					R			
v (vph)					111			
C(m) (vph)					259			
v/c					0.43			
95% queue length					2.03			
Control Delay					28.9			
LOS					D			
Approach Delay				28.9				
Approach LOS				D				

HCS+: Unsignalized Intersections Release 5.3

TWO-WAY STOP CONTROL SUMMARY

Analyst: JCE
Agency/Co.: JOHN COLLINS ENGINEERS, P.C.
Date Performed: OCTOBER 2008
Analysis Time Period: WEEKDAY PEAK SAT HIGHWAY HOUR
Intersection: US RTE 202 & PACESETTER SHOPPI
Jurisdiction: (FULL BUILD)
Units: U. S. Customary
Analysis Year: 2011 BUILD TRAFFIC VOLUMES
Project ID: 1540SATB11
East/West Street: U.S. ROUTE 202
North/South Street: PACESETTER SHOPPING CENTER EB
Intersection Orientation: EW Study period (hrs): 0.25

Vehicle Volumes and Adjustments

Major Street: Approach	Eastbound			Westbound		
Movement	1	2	3	4	5	6
	L	T	R	L	T	R
Volume		901	5		980	
Peak-Hour Factor, PHF		0.92	0.92		0.92	
Hourly Flow Rate, HFR		979	5		1065	
Percent Heavy Vehicles		--	--		--	--
Median Type/Storage	Undivided		/			
RT Channelized?						
Lanes		1	0		1	
Configuration			TR		T	
Upstream Signal?		No			No	

Minor Street: Approach	Northbound			Southbound		
Movement	7	8	9	10	11	12
	L	T	R	L	T	R
Volume			101			
Peak Hour Factor, PHF			0.92			
Hourly Flow Rate, HFR			109			
Percent Heavy Vehicles			2			
Percent Grade (%)		0			0	
Flared Approach: Exists?/Storage			/			/
Lanes			1			
Configuration			R			

Delay, Queue Length, and Level of Service

Approach	EB	WB	Northbound			Southbound		
Movement	1	4	7	8	9	10	11	12
Lane Config					R			
v (vph)					109			
C(m) (vph)					302			
v/c					0.36			
95% queue length					1.59			
Control Delay					23.5			
LOS					C			
Approach Delay				23.5				
Approach LOS				C				

HCS+: Signalized Intersections Release 5.3

Analyst: JCE
Agency: JOHN COLLINS ENGINEERS, P.C.
Date: OCTOBER 2008
Period: WEEKDAY PEAK AM HIGHWAY HOUR
Project ID: 1540AMEX12
E/W St: U.S. ROUTE 202

Inter.: U.S. ROUTE 202 & NYS ROUTE 306
Area Type: All other areas
Jurisd:
Year : 2008 EXISTING TRAFFIC VOLUMES

N/S St: NYS ROUTE 306

SIGNALIZED INTERSECTION SUMMARY

	Eastbound			Westbound			Northbound			Southbound		
	L	T	R	L	T	R	L	T	R	L	T	R
No. Lanes	1	1	0	1	1	0	0	1	0	0	1	0
LGConfig	L	TR		L	TR			LTR			LTR	
Volume	5	305	15	130	590	10	10	15	90	10	40	5
Lane Width	12.0	12.0		12.0	12.0			12.0			12.0	
RTOR Vol			0			0			0			0

Duration 0.25 Area Type: All other areas

Signal Operations

Phase Combination		1	2	3	4			5	6	7	8
EB	Left	A				NB	Left	A			
	Thru	A					Thru	A			
	Right	A					Right	A			
	Peds						Peds				
WB	Left	A	A			SB	Left	A			
	Thru	A	A				Thru	A			
	Right	A	A				Right	A			
	Peds						Peds				
NB	Right					EB	Right				
SB	Right					WB	Right				
Green		40.0	10.0					35.0			
Yellow		3.0	3.0					3.0			
All Red		2.0	2.0					2.0			

Cycle Length: 100.0 secs

Intersection Performance Summary

Appr/ Lane Grp	Lane Group Capacity	Adj Sat Flow Rate (s)	Ratios v/c	Ratios g/C	Lane Group Delay	Lane Group LOS	Approach Delay	Approach LOS
Eastbound								
L	119	297	0.05	0.40	18.5	B		
TR	739	1847	0.50	0.40	23.0	C	22.9	C
Westbound								
L	548	1719	0.27	0.55	18.4	B		
TR	1021	1856	0.67	0.55	17.9	B	18.0	B
Northbound								
LTR	552	1578	0.24	0.35	23.3	C	23.3	C
Southbound								
LTR	570	1630	0.11	0.35	22.1	C	22.1	C

Intersection Delay = 20.0- (sec/veh) Intersection LOS = B

HCS+: Signalized Intersections Release 5.3

Analyst: JCE
Agency: JOHN COLLINS ENGINEERS, P.C.
Date: OCTOBER 2008
Period: WEEKDAY PEAK PM HIGHWAY HOUR
Project ID: 1540PMEX12
E/W St: U.S. ROUTE 202

Inter.: U.S. ROUTE 202 & NYS ROUTE 306
Area Type: All other areas
Jurisd:
Year : 2008 EXISTING TRAFFIC VOLUMES
N/S St: NYS ROUTE 306

SIGNALIZED INTERSECTION SUMMARY

	Eastbound			Westbound			Northbound			Southbound		
	L	T	R	L	T	R	L	T	R	L	T	R
No. Lanes	1	1	0	1	1	0	0	1	0	0	1	0
LGConfig	L	TR		L	TR			LTR			LTR	
Volume	5	450	10	150	320	15	20	35	125	15	20	5
Lane Width	12.0	12.0		12.0	12.0			12.0			12.0	
RTOR Vol			0			0			0			0

Duration 0.25 Area Type: All other areas

Signal Operations

Phase Combination		1	2	3	4			5	6	7	8
EB	Left	A				NB	Left	A			
	Thru	A					Thru	A			
	Right	A					Right	A			
	Peds						Peds				
WB	Left	A	A			SB	Left	A			
	Thru	A	A				Thru	A			
	Right	A	A				Right	A			
	Peds						Peds				
NB	Right					EB	Right				
SB	Right					WB	Right				
Green		45.0	10.0					30.0			
Yellow		3.0	3.0					3.0			
All Red		2.0	2.0					2.0			

Cycle Length: 100.0 secs

Intersection Performance Summary

Appr/ Lane Grp	Lane Group Capacity	Adj Sat Flow Rate (s)	Ratios v/c	Ratios g/C	Lane Group Delay	Lane Group LOS	Approach Delay	Approach LOS
Eastbound								
L	382	849	0.01	0.45	15.2	B		
TR	835	1855	0.58	0.45	21.5	C	21.4	C
Westbound								
L	520	1719	0.30	0.60	19.0	B		
TR	1106	1844	0.32	0.60	10.1	B	12.8	B
Northbound								
LTR	473	1578	0.40	0.30	28.4	C	28.4	C
Southbound								
LTR	450	1500	0.09	0.30	25.3	C	25.3	C

Intersection Delay = 19.1 (sec/veh) Intersection LOS = B

HCS+: Signalized Intersections Release 5.3

Analyst: JCE
Agency: JOHN COLLINS ENGINEERS, P.C.
Date: OCTOBER 2008
Period: SATURDAY PEAK HOUR
Project ID: 1540SATEX12
E/W St: U.S. ROUTE 202

Inter.: U.S. ROUTE 202 & NYS ROUTE 306
Area Type: All other areas
Jurisd:
Year : 2008 EXISTING TRAFFIC VOLUMES

N/S St: NYS ROUTE 306

SIGNALIZED INTERSECTION SUMMARY

	Eastbound			Westbound			Northbound			Southbound		
	L	T	R	L	T	R	L	T	R	L	T	R
No. Lanes	1	1	0	1	1	0	0	1	0	0	1	0
LGConfig	L	TR		L	TR			LTR			LTR	
Volume	35	275	5	70	255	65	15	30	100	25	15	5
Lane Width	12.0	12.0		12.0	12.0			12.0			12.0	
RTOR Vol			0			0			0			0

Duration 0.25 Area Type: All other areas

Signal Operations

Phase Combination	1	2	3	4	5	6	7	8
EB Left	A				NB Left	A		
Thru	A				Thru	A		
Right	A				Right	A		
Peds					Peds			
WB Left	A	A			SB Left	A		
Thru	A	A			Thru	A		
Right	A	A			Right	A		
Peds					Peds			
NB Right					EB Right			
SB Right					WB Right			
Green	40.0	10.0				35.0		
Yellow	3.0	3.0				3.0		
All Red	2.0	2.0				2.0		

Cycle Length: 100.0 secs

Intersection Performance Summary

Appr/ Lane Grp	Lane Group Capacity	Adj Sat Flow Rate (s)	Ratios v/c	Ratios g/C	Lane Group Delay	Lane Group LOS	Approach Delay	Approach LOS
Eastbound								
L	350	876	0.11	0.40	18.9	B		
TR	743	1857	0.40	0.40	21.7	C	21.4	C
Westbound								
L	608	1719	0.12	0.55	14.5	B		
TR	988	1796	0.34	0.55	12.7	B	13.0	B
Northbound								
LTR	561	1602	0.27	0.35	23.6	C	23.6	C
Southbound								
LTR	521	1490	0.09	0.35	21.9	C	21.9	C

Intersection Delay = 18.1 (sec/veh) Intersection LOS = B

HCS+: Signalized Intersections Release 5.3

Analyst: JCE
Agency: JOHN COLLINS ENGINEERS, P.C.
Date: OCTOBER 2008
Period: WEEKDAY PEAK AM HIGHWAY HOUR
Project ID: 1540AMNB12
E/W St: U.S. ROUTE 202

Inter.: U.S. ROUTE 202 & NYS ROUTE 306
Area Type: All other areas
Jurisd: (FULL BUILD)
Year : 2011 NO-BUILD TRAFFIC VOLUMES
N/S St: NYS ROUTE 306

SIGNALIZED INTERSECTION SUMMARY

	Eastbound			Westbound			Northbound			Southbound		
	L	T	R	L	T	R	L	T	R	L	T	R
No. Lanes	1	1	0	1	1	0	0	1	0	0	1	0
LGConfig	L	TR		L	TR			LTR			LTR	
Volume	5	379	17	160	646	18	12	65	154	13	56	5
Lane Width	12.0	12.0		12.0	12.0			12.0			12.0	
RTOR Vol			0			0			0			0

Duration 0.25 Area Type: All other areas

Signal Operations

Phase Combination		1	2	3	4			5	6	7	8
EB	Left	A				NB	Left	A			
	Thru	A					Thru	A			
	Right	A					Right	A			
	Peds						Peds				
WB	Left	A	A			SB	Left	A			
	Thru	A	A				Thru	A			
	Right	A	A				Right	A			
	Peds						Peds				
NB	Right					EB	Right				
SB	Right					WB	Right				
Green		40.0	10.0					35.0			
Yellow		3.0	3.0					3.0			
All Red		2.0	2.0					2.0			

Cycle Length: 100.0 secs

Intersection Performance Summary

Appr/ Lane Grp	Lane Group Capacity	Adj Sat Flow Rate (s)	Ratios v/c	Ratios g/C	Lane Group Delay	Lane Group LOS	Approach Delay	Approach LOS
Eastbound								
L	77	192	0.08	0.40	19.0	B		
TR	739	1848	0.62	0.40	25.5	C	25.4	C
Westbound								
L	481	1719	0.38	0.55	23.4	C		
TR	1018	1851	0.75	0.55	20.4	C	21.0	C
Northbound								
LTR	561	1603	0.47	0.35	26.0	C	26.0	C
Southbound								
LTR	559	1596	0.15	0.35	22.4	C	22.4	C

Intersection Delay = 23.0 (sec/veh) Intersection LOS = C

HCS+: Signalized Intersections Release 5.3

Analyst: JCE
Agency: JOHN COLLINS ENGINEERS, P.C.
Date: OCTOBER 2008
Period: WEEKDAY PEAK PM HIGHWAY HOUR
Project ID: 1540PMNB12
E/W St: U.S. ROUTE 202

Inter.: U.S. ROUTE 202 & NYS ROUTE 306
Area Type: All other areas
Jurisd: (FULL BUILD)
Year : 2011 NO-BUILD TRAFFIC VOLUMES
N/S St: NYS ROUTE 306

SIGNALIZED INTERSECTION SUMMARY

	Eastbound			Westbound			Northbound			Southbound		
	L	T	R	L	T	R	L	T	R	L	T	R
No. Lanes	1	1	0	1	1	0	0	1	0	0	1	0
LGConfig	L	TR		L	TR			LTR			LTR	
Volume	5	511	12	220	398	18	22	51	167	23	70	5
Lane Width	12.0	12.0		12.0	12.0			12.0			12.0	
RTOR Vol			0			0			0			0

Duration 0.25 Area Type: All other areas

Signal Operations

Phase Combination	1	2	3	4		5	6	7	8
EB Left	A				NB Left	A			
Thru	A				Thru	A			
Right	A				Right	A			
Peds					Peds				
WB Left	A	A			SB Left	A			
Thru	A	A			Thru	A			
Right	A	A			Right	A			
Peds					Peds				
NB Right					EB Right				
SB Right					WB Right				
Green	45.0	10.0				30.0			
Yellow	3.0	3.0				3.0			
All Red	2.0	2.0				2.0			

Cycle Length: 100.0 secs

Intersection Performance Summary

Appr/ Lane Grp	Lane Group Capacity	Adj Sat Flow Rate (s)	Ratios v/c	Ratios g/C	Lane Group Delay	Lane Group LOS	Approach Delay	Approach LOS
Eastbound								
L	326	725	0.02	0.45	15.2	B		
TR	835	1855	0.66	0.45	23.5	C	23.4	C
Westbound								
L	471	1719	0.49	0.60	25.2	C		
TR	1106	1844	0.40	0.60	10.7	B	15.7	B
Northbound								
LTR	473	1575	0.53	0.30	30.4	C	30.4	C
Southbound								
LTR	462	1541	0.22	0.30	26.5	C	26.5	C

Intersection Delay = 21.5 (sec/veh) Intersection LOS = C

HCS+: Signalized Intersections Release 5.3

Analyst: JCE
Agency: JOHN COLLINS ENGINEERS, P.C.
Date: OCTOBER 2008
Period: SATURDAY PEAK HOUR
Project ID: 1540SATNB12
E/W St: U.S. ROUTE 202

Inter.: U.S. ROUTE 202 & NYS ROUTE 306
Area Type: All other areas
Jurisd: (FULL BUILD)
Year : 2011 NO-BUILD TRAFFIC VOLUMES

N/S St: NYS ROUTE 306

SIGNALIZED INTERSECTION SUMMARY

	Eastbound			Westbound			Northbound			Southbound		
	L	T	R	L	T	R	L	T	R	L	T	R
No. Lanes	1	1	0	1	1	0	0	1	0	0	1	0
LGConfig	L	TR		L	TR			LTR			LTR	
Volume	37	330	2	108	313	69	16	32	135	27	16	5
Lane Width	12.0	12.0		12.0	12.0			12.0			12.0	
RTOR Vol			0			0			0			0

Duration 0.25 Area Type: All other areas

Signal Operations

Phase Combination	1	2	3	4			5	6	7	8
EB Left	A				NB	Left	A			
Thru	A					Thru	A			
Right	A					Right	A			
Peds						Peds				
WB Left	A	A			SB	Left	A			
Thru	A	A				Thru	A			
Right	A	A				Right	A			
Peds						Peds				
NB Right					EB	Right				
SB Right					WB	Right				
Green	40.0	10.0					35.0			
Yellow	3.0	3.0					3.0			
All Red	2.0	2.0					2.0			

Cycle Length: 100.0 secs

Intersection Performance Summary

Appr/ Lane Grp	Lane Group Capacity	Adj Sat Flow Rate (s)	Ratios v/c	Ratios g/C	Lane Group Delay	Lane Group LOS	Approach Delay	Approach LOS
Eastbound								
L	305	762	0.13	0.40	19.2	B		
TR	744	1861	0.47	0.40	22.6	C	22.3	C
Westbound								
L	563	1719	0.20	0.55	16.9	B		
TR	991	1802	0.41	0.55	13.3	B	14.1	B
Northbound								
LTR	558	1595	0.35	0.35	24.4	C	24.4	C
Southbound								
LTR	510	1457	0.10	0.35	22.0	C	22.0	C

Intersection Delay = 18.9 (sec/veh) Intersection LOS = B

HCS+: Signalized Intersections Release 5.3

Analyst: JCE
Agency: JOHN COLLINS ENGINEERS, P.C.
Date: OCTOBER 2008
Period: WEEKDAY PEAK AM HIGHWAY HOUR
Project ID: 1540AMB12
E/W St: U.S. ROUTE 202

Inter.: U.S. ROUTE 202 & NYS ROUTE 306
Area Type: All other areas
Jurisd: (FULL BUILD)
Year : 2011 BUILD TRAFFIC VOLUMES
N/S St: NYS ROUTE 306

SIGNALIZED INTERSECTION SUMMARY

	Eastbound			Westbound			Northbound			Southbound		
	L	T	R	L	T	R	L	T	R	L	T	R
No. Lanes	1	1	0	1	1	0	0	1	0	0	1	0
LGConfig	L	TR		L	TR			LTR			LTR	
Volume	5	398	17	184	678	21	12	65	169	16	56	5
Lane Width	12.0	12.0		12.0	12.0			12.0			12.0	
RTOR Vol			0			0			0			0

Duration 0.25 Area Type: All other areas

Signal Operations

Phase Combination		1	2	3	4			5	6	7	8
EB	Left	A				NB	Left	A			
	Thru	A					Thru	A			
	Right	A					Right	A			
	Peds						Peds				
WB	Left	A	A			SB	Left	A			
	Thru	A	A				Thru	A			
	Right	A	A				Right	A			
	Peds						Peds				
NB	Right					EB	Right				
SB	Right					WB	Right				
Green		40.0	10.0					35.0			
Yellow		3.0	3.0					3.0			
All Red		2.0	2.0					2.0			

Cycle Length: 100.0 secs

Intersection Performance Summary

Appr/ Lane Grp	Lane Group Capacity	Adj Sat Flow Rate (s)	Ratios v/c	Ratios g/C	Lane Group Delay	Lane Group LOS	Approach Delay	Approach LOS
Eastbound								
L	72	173	0.08	0.40	19.1	B		
TR	740	1849	0.64	0.40	26.2	C	26.1	C
Westbound								
L	465	1719	0.45	0.55	25.6	C		
TR	1018	1850	0.79	0.55	22.1	C	22.9	C
Northbound								
LTR	560	1601	0.51	0.35	26.4	C	26.4	C
Southbound								
LTR	548	1567	0.16	0.35	22.5	C	22.5	C

Intersection Delay = 24.2 (sec/veh) Intersection LOS = C

HCS+: Signalized Intersections Release 5.3

Analyst: JCE
Agency: JOHN COLLINS ENGINEERS, P.C.
Date: OCTOBER 2008
Period: WEEKDAY PEAK PM HIGHWAY HOUR
Project ID: 1540PMB12
E/W St: U.S. ROUTE 202

Inter.: U.S. ROUTE 202 & NYS ROUTE 306
Area Type: All other areas
Jurisd: (FULL BUILD)
Year : 2011 BUILD TRAFFIC VOLUMES
N/S St: NYS ROUTE 306

SIGNALIZED INTERSECTION SUMMARY

	Eastbound			Westbound			Northbound			Southbound		
	L	T	R	L	T	R	L	T	R	L	T	R
No. Lanes	1	1	0	1	1	0	0	1	0	0	1	0
LGConfig	L	TR		L	TR			LTR			LTR	
Volume	5	577	12	266	457	28	22	51	219	33	70	5
Lane Width	12.0	12.0		12.0	12.0			12.0			12.0	
RTOR Vol			0			0			0			0

Duration 0.25 Area Type: All other areas

Signal Operations

Phase Combination	1	2	3	4			5	6	7	8
EB Left	A				NB	Left	A			
Thru	A					Thru	A			
Right	A					Right	A			
Peds						Peds				
WB Left	A	A			SB	Left	A			
Thru	A	A				Thru	A			
Right	A	A				Right	A			
Peds						Peds				
NB Right					EB	Right				
SB Right					WB	Right				
Green	45.0	10.0					30.0			
Yellow	3.0	3.0					3.0			
All Red	2.0	2.0					2.0			

Cycle Length: 100.0 secs

Intersection Performance Summary

Appr/ Lane Grp	Lane Group Capacity	Adj Sat Flow Rate (s)	Ratios v/c	Ratios g/C	Lane Group Delay	Lane Group LOS	Approach Delay	Approach LOS
Eastbound								
L	281	624	0.02	0.45	15.3	B		
TR	835	1856	0.74	0.45	26.3	C	26.2	C
Westbound								
L	422	1719	0.66	0.60	34.5	C		
TR	1103	1839	0.46	0.60	11.4	B	19.6	B
Northbound								
LTR	472	1572	0.65	0.30	33.7	C	33.7	C
Southbound								
LTR	430	1433	0.27	0.30	26.9	C	26.9	C

Intersection Delay = 24.7 (sec/veh) Intersection LOS = C

HCS+: Signalized Intersections Release 5.3

Analyst: JCE
Agency: JOHN COLLINS ENGINEERS, P.C.
Date: OCTOBER 2008
Period: SATURDAY PEAK HOUR
Project ID: 1540SATB12
E/W St: U.S. ROUTE 202

Inter.: U.S. ROUTE 202 & NYS ROUTE 306
Area Type: All other areas
Jurisd: (FULL BUILD)
Year : 2011 BUILD TRAFFIC VOLUMES

N/S St: NYS ROUTE 306

SIGNALIZED INTERSECTION SUMMARY

	Eastbound			Westbound			Northbound			Southbound		
	L	T	R	L	T	R	L	T	R	L	T	R
No. Lanes	1	1	0	1	1	0	0	1	0	0	1	0
LGConfig	L	TR		L	TR			LTR			LTR	
Volume	37	405	2	168	389	82	16	32	195	40	16	5
Lane Width	12.0	12.0		12.0	12.0			12.0			12.0	
RTOR Vol			0			0			0			0

Duration 0.25 Area Type: All other areas

Signal Operations

Phase Combination	1	2	3	4			5	6	7	8
EB Left	A				NB	Left	A			
Thru	A					Thru	A			
Right	A					Right	A			
Peds						Peds				
WB Left	A	A			SB	Left	A			
Thru	A	A				Thru	A			
Right	A	A				Right	A			
Peds						Peds				
NB Right					EB	Right				
SB Right					WB	Right				
Green	40.0	10.0					35.0			
Yellow	3.0	3.0					3.0			
All Red	2.0	2.0					2.0			

Cycle Length: 100.0 secs

Intersection Performance Summary

Appr/ Lane Grp	Lane Group Capacity	Adj Sat Flow Rate (s)	Ratios v/c	Ratios g/C	Lane Group Delay	Lane Group LOS	Approach Delay	Approach LOS
Eastbound								
L	244	610	0.16	0.40	19.5	B		
TR	744	1861	0.58	0.40	24.5	C	24.1	C
Westbound								
L	502	1719	0.35	0.55	21.7	C		
TR	993	1805	0.50	0.55	14.3	B	16.3	B
Northbound								
LTR	555	1587	0.46	0.35	25.8	C	25.8	C
Southbound								
LTR	466	1332	0.14	0.35	22.3	C	22.3	C

Intersection Delay = 20.7 (sec/veh) Intersection LOS = C

HCS+: Unsignalized Intersections Release 5.3

TWO-WAY STOP CONTROL SUMMARY

Analyst: JCE
Agency/Co.: JOHN COLLINS ENGINEERS, P.C.
Date Performed: OCTOBER 2008
Analysis Time Period: WEEKDAY PEAK AM HIGHWAY HOUR
Intersection: NYS RTE 45 & OLD RTE 202/PARK
Jurisdiction:
Units: U. S. Customary
Analysis Year: 2008 EXISTING TRAFFIC VOLUMES
Project ID: 1540AMEX13
East/West Street: OLD ROUTE 202/PARK & RIDE
North/South Street: NYS ROUTE 45
Intersection Orientation: NS Study period (hrs): 0.25

Vehicle Volumes and Adjustments

Major Street: Approach	Northbound			Southbound		
Movement	1	2	3	4	5	6
	L	T	R	L	T	R
Volume	5	325	55	10	608	0
Peak-Hour Factor, PHF	0.92	0.92	0.92	0.92	0.92	0.92
Hourly Flow Rate, HFR	5	353	59	10	660	0
Percent Heavy Vehicles	2	--	--	2	--	--
Median Type/Storage	Undivided /					
RT Channelized?			No			
Lanes	1	1	1	0	1	0
Configuration	L	T	R	LTR		
Upstream Signal?		No			No	

Minor Street: Approach	Westbound			Eastbound		
Movement	7	8	9	10	11	12
	L	T	R	L	T	R
Volume	205	5	40	0	0	10
Peak Hour Factor, PHF	0.92	0.92	0.92	0.92	0.92	0.92
Hourly Flow Rate, HFR	222	5	43	0	0	10
Percent Heavy Vehicles	2	2	2	2	2	2
Percent Grade (%)		2			2	
Flared Approach: Exists?/Storage		No /			No /	
Lanes	0	1	0	0	1	0
Configuration		LTR			LTR	

Delay, Queue Length, and Level of Service

Approach	NB	SB	Westbound			Eastbound		
Movement	1	4	7	8	9	10	11	12
Lane Config	L	LTR		LTR			LTR	
v (vph)	5	10		270			10	
C(m) (vph)	928	1147		200			446	
v/c	0.01	0.01		1.35			0.02	
95% queue length	0.02	0.03		15.35			0.07	
Control Delay	8.9	8.2		232.7			13.3	
LOS	A	A		F			B	
Approach Delay				232.7			13.3	
Approach LOS				F			B	

HCS+: Unsignalized Intersections Release 5.3

TWO-WAY STOP CONTROL SUMMARY

Analyst: JCE
Agency/Co.: JOHN COLLINS ENGINEERS, P.C.
Date Performed: SEPTEMBER 2008
Analysis Time Period: WEEKDAY PEAK PM HIGHWAY HOUR
Intersection: NYS RTE 45 & OLD RTE 202/PARK
Jurisdiction:
Units: U. S. Customary
Analysis Year: 2008 EXISTING TRAFFIC VOLUMES
Project ID: 1540PMEX13
East/West Street: OLD ROUTE 202/PARK & RIDE
North/South Street: NYS ROUTE 45
Intersection Orientation: NS Study period (hrs): 0.25

Vehicle Volumes and Adjustments

Major Street: Approach	Northbound			Southbound		
Movement	1	2	3	4	5	6
	L	T	R	L	T	R
Volume	5	745	115	10	440	5
Peak-Hour Factor, PHF	0.92	0.92	0.92	0.92	0.92	0.92
Hourly Flow Rate, HFR	5	809	124	10	478	5
Percent Heavy Vehicles	2	--	--	2	--	--
Median Type/Storage	Undivided /					
RT Channelized?			No			
Lanes	1	1	1	0	1	0
Configuration	L	T	R	LTR		
Upstream Signal?		No			No	

Minor Street: Approach	Westbound			Eastbound		
Movement	7	8	9	10	11	12
	L	T	R	L	T	R
Volume	70	0	40	5	5	10
Peak Hour Factor, PHF	0.92	0.92	0.92	0.92	0.92	0.92
Hourly Flow Rate, HFR	76	0	43	5	5	10
Percent Heavy Vehicles	2	2	2	2	2	2
Percent Grade (%)		2			2	
Flared Approach: Exists?/Storage			No /			No /
Lanes	0	1	0	0	1	0
Configuration		LTR			LTR	

Delay, Queue Length, and Level of Service

Approach	NB	SB	Westbound			Eastbound		
Movement	1	4	7	8	9	10	11	12
Lane Config	L	LTR		LTR			LTR	
v (vph)	5	10		119			20	
C(m) (vph)	1080	734		142			166	
v/c	0.00	0.01		0.84			0.12	
95% queue length	0.01	0.04		5.40			0.40	
Control Delay	8.3	10.0-		98.3			29.6	
LOS	A	A		F			D	
Approach Delay				98.3			29.6	
Approach LOS				F			D	

HCS+: Unsignalized Intersections Release 5.3

TWO-WAY STOP CONTROL SUMMARY

Analyst: JCE
Agency/Co.: JOHN COLLINS ENGINEERS, P.C.
Date Performed: SEPTEMBER 2008
Analysis Time Period: WEEKDAY PEAK SAT HIGHWAY HOUR
Intersection: NYS RTE 45 & OLD RTE 202/PARK
Jurisdiction:
Units: U. S. Customary
Analysis Year: 2008 EXISTING TRAFFIC VOLUMES
Project ID: 1540SATEX13
East/West Street: OLD ROUTE 202/PARK & RIDE
North/South Street: NYS ROUTE 45
Intersection Orientation: NS Study period (hrs): 0.25

Vehicle Volumes and Adjustments

Major Street: Approach	Northbound			Southbound		
Movement	1	2	3	4	5	6
	L	T	R	L	T	R
Volume	5	415	50	15	350	5
Peak-Hour Factor, PHF	0.92	0.92	0.92	0.92	0.92	0.92
Hourly Flow Rate, HFR	5	451	54	16	380	5
Percent Heavy Vehicles	2	--	--	2	--	--
Median Type/Storage	Undivided /					
RT Channelized?			No			
Lanes	1	1	1	0	1	0
Configuration	L	T	R	LTR		
Upstream Signal?		No			No	

Minor Street: Approach	Westbound			Eastbound		
Movement	7	8	9	10	11	12
	L	T	R	L	T	R
Volume	70	0	35	5	0	5
Peak Hour Factor, PHF	0.92	0.92	0.92	0.92	0.92	0.92
Hourly Flow Rate, HFR	76	0	38	5	0	5
Percent Heavy Vehicles	2	2	2	2	2	2
Percent Grade (%)		2			2	
Flared Approach: Exists?/Storage			No /			No /
Lanes	0	1	0	0	1	0
Configuration		LTR			LTR	

Delay, Queue Length, and Level of Service

Approach	NB	SB	Westbound			Eastbound		
Movement	1	4	7	8	9	10	11	12
Lane Config	L	LTR		LTR			LTR	
v (vph)	5	16		114			10	
C(m) (vph)	1173	1060		297			316	
v/c	0.00	0.02		0.38			0.03	
95% queue length	0.01	0.05		1.74			0.10	
Control Delay	8.1	8.4		24.5			16.8	
LOS	A	A		C			C	
Approach Delay				24.5			16.8	
Approach LOS				C			C	

HCS+: Unsignalized Intersections Release 5.3

TWO-WAY STOP CONTROL SUMMARY

Analyst:	JCE
Agency/Co.:	JOHN COLLINS ENGINEERS, P.C.
Date Performed:	OCTOBER 2008
Analysis Time Period:	WEEKDAY PEAK AM HIGHWAY HOUR
Intersection:	NYS RTE 45 & OLD RTE 202/PARK
Jurisdiction:	(FULL BUILD)
Units: U. S. Customary	
Analysis Year:	2011 NO-BUILD TRAFFIC VOLUMES
Project ID:	1540AMNB13
East/West Street:	OLD ROUTE 202/PARK & RIDE
North/South Street:	NYS ROUTE 45
Intersection Orientation:	NS
Study period (hrs):	0.25

Vehicle Volumes and Adjustments

Major Street: Approach	Northbound			Southbound		
Movement	1	2	3	4	5	6
	L	T	R	L	T	R
Volume	5	363	58	11	553	0
Peak-Hour Factor, PHF	0.92	0.92	0.92	0.92	0.92	0.92
Hourly Flow Rate, HFR	5	394	63	11	601	0
Percent Heavy Vehicles	2	--	--	2	--	--
Median Type/Storage	Undivided /					
RT Channelized?			No			
Lanes	1	1	1	0	1	0
Configuration	L	T	R		LTR	
Upstream Signal?		No			No	

Minor Street: Approach	Westbound			Eastbound		
Movement	7	8	9	10	11	12
	L	T	R	L	T	R
Volume	238	5	42	0	0	11
Peak Hour Factor, PHF	0.92	0.92	0.92	0.92	0.92	0.92
Hourly Flow Rate, HFR	258	5	45	0	0	11
Percent Heavy Vehicles	2	2	2	2	2	2
Percent Grade (%)		2			2	
Flared Approach: Exists?/Storage			No /			No /
Lanes	0	1	0	0	1	0
Configuration		LTR			LTR	

Delay, Queue Length, and Level of Service

Approach	NB	SB	Westbound			Eastbound		
Movement	1	4	7	8	9	10	11	12
Lane Config	L	LTR		LTR			LTR	
v (vph)	5	11		308			11	
C(m) (vph)	976	1104		203			484	
v/c	0.01	0.01		1.52			0.02	
95% queue length	0.02	0.03		19.15			0.07	
Control Delay	8.7	8.3		299.3			12.6	
LOS	A	A		F			B	
Approach Delay				299.3			12.6	
Approach LOS				F			B	

HCS+: Unsignalized Intersections Release 5.3

TWO-WAY STOP CONTROL SUMMARY

Analyst: JCE
Agency/Co.: JOHN COLLINS ENGINEERS, P.C.
Date Performed: OCTOBER 2008
Analysis Time Period: WEEKDAY PEAK PM HIGHWAY HOUR
Intersection: NYS RTE 45 & OLD RTE 202/PARK
Jurisdiction: (FULL BUILD)
Units: U. S. Customary
Analysis Year: 2011 NO-BUILD TRAFFIC VOLUMES
Project ID: 1540PMNB13
East/West Street: OLD ROUTE 202/PARK & RIDE
North/South Street: NYS ROUTE 45
Intersection Orientation: NS Study period (hrs): 0.25

Vehicle Volumes and Adjustments

Major Street: Approach	Northbound			Southbound		
Movement	1	2	3	4	5	6
	L	T	R	L	T	R
Volume	5	816	122	11	486	5
Peak-Hour Factor, PHF	0.92	0.92	0.92	0.92	0.92	0.92
Hourly Flow Rate, HFR	5	886	132	11	528	5
Percent Heavy Vehicles	2	--	--	2	--	--
Median Type/Storage	Undivided /					
RT Channelized?			No			
Lanes	1	1	1	0	1	0
Configuration	L	T	R	LTR		
Upstream Signal?		No			No	

Minor Street: Approach	Westbound			Eastbound		
Movement	7	8	9	10	11	12
	L	T	R	L	T	R
Volume	97	0	42	5	5	11
Peak Hour Factor, PHF	0.92	0.92	0.92	0.92	0.92	0.92
Hourly Flow Rate, HFR	105	0	45	5	5	11
Percent Heavy Vehicles	2	2	2	2	2	2
Percent Grade (%)		2			2	
Flared Approach: Exists?/Storage			No /			No /
Lanes	0	1	0	0	1	0
Configuration		LTR			LTR	

Delay, Queue Length, and Level of Service

Approach	NB	SB	Westbound			Eastbound		
Movement	1	4	7	8	9	10	11	12
Lane Config	L	LTR		LTR			LTR	
v (vph)	5	11		150			21	
C(m) (vph)	1035	682		108			139	
v/c	0.00	0.02		1.39			0.15	
95% queue length	0.01	0.05		10.57			0.52	
Control Delay	8.5	10.4		294.6			35.5	
LOS	A	B		F			E	
Approach Delay				294.6			35.5	
Approach LOS				F			E	

HCS+: Unsignalized Intersections Release 5.3

TWO-WAY STOP CONTROL SUMMARY

Analyst: JCE
Agency/Co.: JOHN COLLINS ENGINEERS, P.C.
Date Performed: OCTOBER 2008
Analysis Time Period: WEEKDAY PEAK SAT HIGHWAY HOUR
Intersection: NYS RTE 45 & OLD RTE 202/PARK
Jurisdiction: (FULL BUILD)
Units: U. S. Customary
Analysis Year: 2011 NO-BUILD TRAFFIC VOLUMES
Project ID: 1540SATNB13
East/West Street: OLD ROUTE 202/PARK & RIDE
North/South Street: NYS ROUTE 45
Intersection Orientation: NS Study period (hrs): 0.25

Vehicle Volumes and Adjustments

Major Street: Approach	Northbound			Southbound		
Movement	1	2	3	4	5	6
	L	T	R	L	T	R
Volume	5	464	53	16	383	5
Peak-Hour Factor, PHF	0.92	0.92	0.92	0.92	0.92	0.92
Hourly Flow Rate, HFR	5	504	57	17	416	5
Percent Heavy Vehicles	2	--	--	2	--	--
Median Type/Storage	Undivided		/			
RT Channelized?			No			
Lanes	1	1	1	0	1	0
Configuration	L	T	R		LTR	
Upstream Signal?		No			No	

Minor Street: Approach	Westbound			Eastbound		
Movement	7	8	9	10	11	12
	L	T	R	L	T	R
Volume	97	0	37	5	0	5
Peak Hour Factor, PHF	0.92	0.92	0.92	0.92	0.92	0.92
Hourly Flow Rate, HFR	105	0	40	5	0	5
Percent Heavy Vehicles	2	2	2	2	2	2
Percent Grade (%)		2			2	
Flared Approach: Exists?/Storage			No /			No /
Lanes	0	1	0	0	1	0
Configuration		LTR			LTR	

Delay, Queue Length, and Level of Service

Approach	NB	SB	Westbound			Eastbound		
Movement	1	4	7	8	9	10	11	12
Lane Config	L	LTR		LTR			LTR	
v (vph)	5	17		145			10	
C(m) (vph)	1138	1010		246			274	
v/c	0.00	0.02		0.59			0.04	
95% queue length	0.01	0.05		3.39			0.11	
Control Delay	8.2	8.6		38.7			18.6	
LOS	A	A		E			C	
Approach Delay				38.7			18.6	
Approach LOS				E			C	

HCS+: Unsignalized Intersections Release 5.3

TWO-WAY STOP CONTROL SUMMARY

Analyst: JCE
Agency/Co.: JOHN COLLINS ENGINEERS, P.C.
Date Performed: OCTOBER 2008
Analysis Time Period: WEEKDAY PEAK AM HIGHWAY HOUR
Intersection: NYS RTE 45 & OLD RTE 202/PARK
Jurisdiction: (FULL BUILD)
Units: U. S. Customary
Analysis Year: 2011 BUILD TRAFFIC VOLUMES
Project ID: 1540AMB13
East/West Street: OLD ROUTE 202/PARK & RIDE
North/South Street: NYS ROUTE 45
Intersection Orientation: NS Study period (hrs): 0.25

Vehicle Volumes and Adjustments

Major Street: Approach	Northbound			Southbound		
Movement	1	2	3	4	5	6
	L	T	R	L	T	R
Volume	5	371	58	11	572	16
Peak-Hour Factor, PHF	0.92	0.92	0.92	0.92	0.92	0.92
Hourly Flow Rate, HFR	5	403	63	11	621	17
Percent Heavy Vehicles	2	--	--	2	--	--
Median Type/Storage	Undivided /					
RT Channelized?			No			
Lanes	1	1	1	0	1	0
Configuration	L	T	R	LTR		
Upstream Signal?		No			No	

Minor Street: Approach	Westbound			Eastbound		
Movement	7	8	9	10	11	12
	L	T	R	L	T	R
Volume	238	5	42	10	0	11
Peak Hour Factor, PHF	0.92	0.92	0.92	0.92	0.92	0.92
Hourly Flow Rate, HFR	258	5	45	10	0	11
Percent Heavy Vehicles	2	2	2	2	2	2
Percent Grade (%)		2			2	
Flared Approach: Exists?/Storage		No /			No /	
Lanes	0	1	0	0	1	0
Configuration		LTR			LTR	

Delay, Queue Length, and Level of Service

Approach	NB	SB	Westbound			Eastbound		
Movement	1	4	7	8	9	10	11	12
Lane Config	L	LTR		LTR			LTR	
v (vph)	5	11		308			21	
C(m) (vph)	946	1095		191			227	
v/c	0.01	0.01		1.61			0.09	
95% queue length	0.02	0.03		20.31			0.30	
Control Delay	8.8	8.3		342.4			22.5	
LOS	A	A		F			C	
Approach Delay				342.4			22.5	
Approach LOS				F			C	

HCS+: Unsignalized Intersections Release 5.3

TWO-WAY STOP CONTROL SUMMARY

Analyst: JCE
Agency/Co.: JOHN COLLINS ENGINEERS, P.C.
Date Performed: OCTOBER 2008
Analysis Time Period: WEEKDAY PEAK PM HIGHWAY HOUR
Intersection: NYS RTE 45 & OLD RTE 202/PARK
Jurisdiction: (FULL BUILD)
Units: U. S. Customary
Analysis Year: 2011 BUILD TRAFFIC VOLUMES
Project ID: 1540PMB13
East/West Street: OLD ROUTE 202/PARK & RIDE
North/South Street: NYS ROUTE 45
Intersection Orientation: NS Study period (hrs): 0.25

Vehicle Volumes and Adjustments

Major Street: Approach	Northbound			Southbound		
Movement	1	2	3	4	5	6
	L	T	R	L	T	R
Volume	5	845	122	11	538	21
Peak-Hour Factor, PHF	0.92	0.92	0.92	0.92	0.92	0.92
Hourly Flow Rate, HFR	5	918	132	11	584	22
Percent Heavy Vehicles	2	--	--	2	--	--
Median Type/Storage	Undivided /					
RT Channelized?			No			
Lanes	1	1	1	0	1	0
Configuration	L	T	R	LTR		
Upstream Signal?		No			No	

Minor Street: Approach	Westbound			Eastbound		
Movement	7	8	9	10	11	12
	L	T	R	L	T	R
Volume	97	0	42	32	5	11
Peak Hour Factor, PHF	0.92	0.92	0.92	0.92	0.92	0.92
Hourly Flow Rate, HFR	105	0	45	34	5	11
Percent Heavy Vehicles	2	2	2	2	2	2
Percent Grade (%)		2			2	
Flared Approach: Exists?/Storage			No /			No /
Lanes	0	1	0	0	1	0
Configuration		LTR			LTR	

Delay, Queue Length, and Level of Service

Approach	NB	SB	Westbound			Eastbound		
Movement	1	4	7	8	9	10	11	12
Lane Config	L	LTR		LTR			LTR	
v (vph)	5	11		150			50	
C(m) (vph)	972	663		92			73	
v/c	0.01	0.02		1.63			0.68	
95% queue length	0.02	0.05		11.96			3.13	
Control Delay	8.7	10.5		407.0			125.6	
LOS	A	B		F			F	
Approach Delay				407.0			125.6	
Approach LOS				F			F	

HCS+: Unsignalized Intersections Release 5.3

TWO-WAY STOP CONTROL SUMMARY

Analyst: JCE
Agency/Co.: JOHN COLLINS ENGINEERS, P.C.
Date Performed: OCTOBER 2008
Analysis Time Period: WEEKDAY PEAK SAT HIGHWAY HOUR
Intersection: NYS RTE 45 & OLD RTE 202/PARK
Jurisdiction: (FULL BUILD)
Units: U. S. Customary
Analysis Year: 2011 BUILD TRAFFIC VOLUMES
Project ID: 1540SATB13
East/West Street: OLD ROUTE 202/PARK & RIDE
North/South Street: NYS ROUTE 45
Intersection Orientation: NS Study period (hrs): 0.25

Vehicle Volumes and Adjustments

Major Street: Approach	Northbound			Southbound		
Movement	1	2	3	4	5	6
	L	T	R	L	T	R
Volume	5	499	53	16	451	15
Peak-Hour Factor, PHF	0.92	0.92	0.92	0.92	0.92	0.92
Hourly Flow Rate, HFR	5	542	57	17	490	16
Percent Heavy Vehicles	2	--	--	2	--	--
Median Type/Storage	Undivided /					
RT Channelized?			No			
Lanes	1	1	1	0	1	0
Configuration	L	T	R	LTR		
Upstream Signal?		No			No	

Minor Street: Approach	Westbound			Eastbound		
Movement	7	8	9	10	11	12
	L	T	R	L	T	R
Volume	97	0	37	15	0	5
Peak Hour Factor, PHF	0.92	0.92	0.92	0.92	0.92	0.92
Hourly Flow Rate, HFR	105	0	40	16	0	5
Percent Heavy Vehicles	2	2	2	2	2	2
Percent Grade (%)		2			2	
Flared Approach: Exists?/Storage		No /			No /	
Lanes	0	1	0	0	1	0
Configuration		LTR			LTR	

Delay, Queue Length, and Level of Service

Approach	NB	SB	Westbound			Eastbound		
Movement	1	4	7	8	9	10	11	12
Lane Config	L	LTR		LTR			LTR	
v (vph)	5	17		145			21	
C(m) (vph)	1059	978		206			175	
v/c	0.00	0.02		0.70			0.12	
95% queue length	0.01	0.05		4.49			0.40	
Control Delay	8.4	8.7		55.7			28.4	
LOS	A	A		F			D	
Approach Delay				55.7			28.4	
Approach LOS				F			D	

HCS+: Signalized Intersections Release 5.3

Analyst: JCE
Agency: JOHN COLLINS ENGINEERS, P.C.
Date: OCTOBER 2008
Period: WEEKDAY PEAK AM HIGHWAY HOUR
Project ID: 1540AMNB13
E/W St: OLD ROUTE 202

Inter.: OLD ROUTE 202 & NYS ROUTE 45
Area Type: All other areas
Jurisd: (FULL BUILD)
Year : 2011 NO-BUILD TRAFFIC VOLUMES
N/S St: NYS ROUTE 45

SIGNALIZED INTERSECTION SUMMARY

	Eastbound			Westbound			Northbound			Southbound		
	L	T	R	L	T	R	L	T	R	L	T	R
No. Lanes	0	1	0	0	1	0	1	2	0	0	1	0
LGConfig		LTR			LTR		L	TR			LTR	
Volume	0	0	11	238	5	42	5	363	58	11	553	0
Lane Width		12.0			12.0		12.0	12.0			12.0	
RTOR Vol			0			0			0			0

Duration 0.25 Area Type: All other areas

Signal Operations

Phase Combination		1	2	3	4			5	6	7	8
EB	Left	A				NB	Left	A			
	Thru	A					Thru	A			
	Right	A					Right	A			
	Peds						Peds				
WB	Left	A				SB	Left	A			
	Thru	A					Thru	A			
	Right	A					Right	A			
	Peds						Peds				
NB	Right					EB	Right				
SB	Right					WB	Right				
Green		20.0						30.0			
Yellow		3.0						3.0			
All Red		2.0						2.0			

Cycle Length: 60.0 secs

Intersection Performance Summary

Appr/ Lane Grp	Lane Group Capacity	Adj Sat Flow Rate (s)	Ratios v/c	Ratios g/C	Lane Group Delay	Lane Group LOS	Approach Delay	Approach LOS
Eastbound								
LTR	532	1595	0.02	0.33	13.5	B	13.5	B
Westbound								
LTR	454	1361	0.68	0.33	21.5	C	21.5	C
Northbound								
L	356	712	0.01	0.50	7.6	A		
TR	1780	3560	0.26	0.50	8.7	A	8.7	A
Southbound								
LTR	899	1798	0.68	0.50	13.5	B	13.5	B

Intersection Delay = 13.7 (sec/veh) Intersection LOS = B

HCS+: Signalized Intersections Release 5.3

Analyst: JCE
Agency: JOHN COLLINS ENGINEERS, P.C.
Date: OCTOBER 2008
Period: WEEKDAY PEAK PM HIGHWAY HOUR
Project ID: 1540PMNB13
E/W St: OLD ROUTE 202

Inter.: OLD ROUTE 202 & ROUTE 45
Area Type: All other areas
Jurisd: (FULL BUILD)
Year : 2011 NO-BUILD TRAFFIC VOLUMES
N/S St: NYS ROUTE 45

SIGNALIZED INTERSECTION SUMMARY

	Eastbound			Westbound			Northbound			Southbound		
	L	T	R	L	T	R	L	T	R	L	T	R
No. Lanes	0	1	0	0	1	0	1	2	0	0	1	0
LGConfig		LTR			LTR		L	TR			LTR	
Volume	5	5	11	97	0	42	5	816	122	11	486	5
Lane Width		12.0			12.0		12.0	12.0			12.0	
RTOR Vol			0			0			0			0

Duration 0.25 Area Type: All other areas

Signal Operations

Phase Combination	1	2	3	4		5	6	7	8
EB Left	A				NB Left	A			
Thru	A				Thru	A			
Right	A				Right	A			
Peds					Peds				
WB Left	A				SB Left	A			
Thru	A				Thru	A			
Right	A				Right	A			
Peds					Peds				
NB Right					EB Right				
SB Right					WB Right				
Green	20.0					30.0			
Yellow	3.0					3.0			
All Red	2.0					2.0			

Cycle Length: 60.0 secs

Intersection Performance Summary

Appr/ Lane Grp	Lane Group Capacity	Adj Sat Flow Rate (s)	Ratios v/c	Ratios g/C	Lane Group Delay	Lane Group LOS	Approach Delay	Approach LOS
Eastbound								
LTR	541	1623	0.04	0.33	13.5	B	13.5	B
Westbound								
LTR	466	1397	0.31	0.33	15.3	B	15.3	B
Northbound								
L	401	802	0.01	0.50	7.6	A		
TR	1783	3565	0.55	0.50	10.7	B	10.7	B
Southbound								
LTR	885	1769	0.60	0.50	11.8	B	11.8	B

Intersection Delay = 11.5 (sec/veh) Intersection LOS = B

HCS+: Signalized Intersections Release 5.3

Analyst: JCE
Agency: JOHN COLLINS ENGINEERS, P.C.
Date: OCTOBER 2008
Period: WEEKDAY PEAK SAT HIGHWAY HOUR
Project ID: 1540SATNB13
E/W St: OLD ROUTE 202

Inter.: OLD ROUTE 202 & NYS ROUTE 45
Area Type: All other areas
Jurisd: (FULL BUILD)
Year : 2011 NO-BUILD TRAFFIC VOLUMES
N/S St: NYS ROUTE 45

SIGNALIZED INTERSECTION SUMMARY

	Eastbound			Westbound			Northbound			Southbound		
	L	T	R	L	T	R	L	T	R	L	T	R
No. Lanes	0	1	0	0	1	0	1	2	0	0	1	0
LGConfig		LTR			LTR		L	TR			LTR	
Volume	5	0	5	97	0	37	5	464	53	16	383	5
Lane Width		12.0			12.0		12.0	12.0			12.0	
RTOR Vol			0			0			0			0

Duration 0.25 Area Type: All other areas

Signal Operations

Phase Combination	1	2	3	4		5	6	7	8
EB Left	A				NB Left	A			
Thru	A				Thru	A			
Right	A				Right	A			
Peds					Peds				
WB Left	A				SB Left	A			
Thru	A				Thru	A			
Right	A				Right	A			
Peds					Peds				
NB Right					EB Right				
SB Right					WB Right				
Green	20.0					30.0			
Yellow	3.0					3.0			
All Red	2.0					2.0			

Cycle Length: 60.0 secs

Intersection Performance Summary

Appr/ Lane Grp	Lane Group Capacity	Adj Sat Flow Rate (s)	Ratios v/c	Ratios g/C	Lane Group Delay	Lane Group LOS	Approach Delay	Approach LOS
Eastbound								
LTR	518	1554	0.02	0.33	13.4	B	13.4	B
Westbound								
LTR	467	1402	0.31	0.33	15.3	B	15.3	B
Northbound								
L	458	916	0.01	0.50	7.6	A		
TR	1790	3579	0.31	0.50	9.0	A	9.0	A
Southbound								
LTR	883	1766	0.50	0.50	10.4	B	10.4	B

Intersection Delay = 10.3 (sec/veh) Intersection LOS = B

HCS+: Signalized Intersections Release 5.3

Analyst: JCE
Agency: JOHN COLLINS ENGINEERS, P.C.
Date: OCTOBER 2008
Period: WEEKDAY PEAK AM HIGHWAY HOUR
Project ID: 1540AMB13
E/W St: OLD ROUTE 202

Inter.: OLD ROUTE 202 & NYS ROUTE 45
Area Type: All other areas
Jurisd: (FULL BUILD)
Year : 2011 BUILD TRAFFIC VOLUMES

N/S St: NYS ROUTE 45

SIGNALIZED INTERSECTION SUMMARY

	Eastbound			Westbound			Northbound			Southbound		
	L	T	R	L	T	R	L	T	R	L	T	R
No. Lanes	0	1	0	0	1	0	1	2	0	0	1	0
LGConfig		LTR			LTR		L	TR			LTR	
Volume	10	0	11	238	5	42	5	371	58	11	572	16
Lane Width		12.0			12.0		12.0	12.0			12.0	
RTOR Vol			0			0			0			0

Duration 0.25 Area Type: All other areas

Signal Operations

Phase Combination	1	2	3	4		5	6	7	8
EB Left	A				NB Left	A			
Thru	A				Thru	A			
Right	A				Right	A			
Peds					Peds				
WB Left	A				SB Left	A			
Thru	A				Thru	A			
Right	A				Right	A			
Peds					Peds				
NB Right					EB Right				
SB Right					WB Right				
Green	20.0					30.0			
Yellow	3.0					3.0			
All Red	2.0					2.0			

Cycle Length: 60.0 secs

Intersection Performance Summary

Appr/ Lane Grp	Lane Group Capacity	Adj Sat Flow Rate (s)	Ratios v/c	Ratios g/C	Lane Group Delay	Lane Group LOS	Approach Delay	Approach LOS
Eastbound								
LTR	484	1453	0.05	0.33	13.6	B	13.6	B
Westbound								
LTR	449	1347	0.69	0.33	21.8	C	21.8	C
Northbound								
L	338	675	0.01	0.50	7.6	A		
TR	1781	3562	0.26	0.50	8.7	A	8.7	A
Southbound								
LTR	897	1793	0.73	0.50	14.7	B	14.7	B

Intersection Delay = 14.3 (sec/veh) Intersection LOS = B

HCS+: Signalized Intersections Release 5.3

Analyst: JCE
Agency: JOHN COLLINS ENGINEERS, P.C.
Date: OCTOBER 2008
Period: WEEKDAY PEAK PM HIGHWAY HOUR
Project ID: 1540PMB13
E/W St: OLD ROUTE 202

Inter.: OLD ROUTE 202 & ROUTE 45
Area Type: All other areas
Jurisd: (FULL BUILD)
Year : 2011 BUILD TRAFFIC VOLUMES
N/S St: NYS ROUTE 45

SIGNALIZED INTERSECTION SUMMARY

	Eastbound			Westbound			Northbound			Southbound		
	L	T	R	L	T	R	L	T	R	L	T	R
No. Lanes	0	1	0	0	1	0	1	2	0	0	1	0
LGConfig		LTR			LTR		L	TR			LTR	
Volume	32	5	11	97	0	42	5	845	122	11	538	21
Lane Width		12.0			12.0		12.0	12.0			12.0	
RTOR Vol			0			0			0			0

Duration 0.25 Area Type: All other areas

Signal Operations

Phase Combination	1	2	3	4	5	6	7	8
EB Left	A				NB Left A			
Thru	A				Thru A			
Right	A				Right A			
Peds					Peds			
WB Left	A				SB Left A			
Thru	A				Thru A			
Right	A				Right A			
Peds					Peds			
NB Right					EB Right			
SB Right					WB Right			
Green	20.0				30.0			
Yellow	3.0				3.0			
All Red	2.0				2.0			

Cycle Length: 60.0 secs

Intersection Performance Summary

Appr/ Lane Grp	Lane Group Capacity	Adj Sat Flow Rate (s)	Ratios v/c	Ratios g/C	Lane Group Delay	Lane Group LOS	Approach Delay	Approach LOS
Eastbound								
LTR	475	1425	0.11	0.33	13.9	B	13.9	B
Westbound								
LTR	455	1366	0.32	0.33	15.3	B	15.3	B
Northbound								
L	363	725	0.01	0.50	7.6	A		
TR	1784	3567	0.57	0.50	10.9	B	10.9	B
Southbound								
LTR	883	1766	0.68	0.50	13.5	B	13.5	B

Intersection Delay = 12.2 (sec/veh) Intersection LOS = B

HCS+: Signalized Intersections Release 5.3

Analyst: JCE
Agency: JOHN COLLINS ENGINEERS, P.C.
Date: OCTOBER 2008
Period: WEEKDAY PEAK SAT HIGHWAY HOUR
Project ID: 1540SATB13
E/W St: OLD ROUTE 202

Inter.: OLD ROUTE 202 & NYS ROUTE 45
Area Type: All other areas
Jurisd: (FULL BUILD)
Year : 2011 BUILD TRAFFIC VOLUMES

N/S St: NYS ROUTE 45

SIGNALIZED INTERSECTION SUMMARY

	Eastbound			Westbound			Northbound			Southbound		
	L	T	R	L	T	R	L	T	R	L	T	R
No. Lanes	0	1	0	0	1	0	1	2	0	0	1	0
LGConfig		LTR			LTR		L	TR			LTR	
Volume	15	0	5	97	0	37	5	499	53	16	451	15
Lane Width		12.0			12.0		12.0	12.0			12.0	
RTOR Vol			0			0			0			0

Duration 0.25 Area Type: All other areas

Signal Operations

Phase Combination	1	2	3	4	5	6	7	8
EB Left	A				NB Left	A		
Thru	A				Thru	A		
Right	A				Right	A		
Peds					Peds			
WB Left	A				SB Left	A		
Thru	A				Thru	A		
Right	A				Right	A		
Peds					Peds			
NB Right					EB Right			
SB Right					WB Right			
Green	20.0					30.0		
Yellow	3.0					3.0		
All Red	2.0					2.0		

Cycle Length: 60.0 secs

Intersection Performance Summary

Appr/ Lane Grp	Lane Group Capacity	Adj Sat Flow Rate (s)	Ratios v/c	Ratios g/C	Lane Group Delay	Lane Group LOS	Approach Delay	Approach LOS
Eastbound								
LTR	490	1469	0.04	0.33	13.6	B	13.6	B
Westbound								
LTR	463	1390	0.31	0.33	15.3	B	15.3	B
Northbound								
L	406	811	0.01	0.50	7.6	A		
TR	1792	3583	0.33	0.50	9.1	A	9.1	A
Southbound								
LTR	884	1767	0.59	0.50	11.7	B	11.7	B

Intersection Delay = 10.9 (sec/veh) Intersection LOS = B

HCS+: Signalized Intersections Release 5.3

Analyst: JCE
Agency: JOHN COLLINS ENGINEERS, P.C.
Date: SEPTEMBER 2008
Period: WEEKDAY PEAK AM HIGHWAY HOUR
Project ID: 1540AMEX14
E/W St: U.S. ROUTE 202

Inter.: US RTE 202 & CRYSTAL HILL CLU
Area Type: All other areas
Jurisd:
Year : 2008 EXISTING TRAFFIC VOLUMES

N/S St: CRYSTAL HILL CLUB/BALSAM ROAD

SIGNALIZED INTERSECTION SUMMARY

	Eastbound			Westbound			Northbound			Southbound		
	L	T	R	L	T	R	L	T	R	L	T	R
No. Lanes	1	1	0	1	1	0	0	1	1	0	1	0
LGConfig	L	TR		L	TR			LT	R		LTR	
Volume	5	415	5	10	675	25	45	0	25	45	0	15
Lane Width	11.0	11.0		11.0	12.0			10.0	10.0		16.0	
RTOR Vol			0			0			0			0

Duration 0.25 Area Type: All other areas

Signal Operations

Phase Combination	1	2	3	4			5	6	7	8
EB Left	A	A			NB	Left	P			
Thru		P				Thru	P			
Right		P				Right	P			
Peds						Peds				
WB Left	A	A			SB	Left	P			
Thru		P				Thru	P			
Right		P				Right	P			
Peds						Peds				
NB Right					EB	Right				
SB Right					WB	Right				
Green	10.0	48.0					17.0			
Yellow	3.0	3.0					3.0			
All Red	2.0	2.0					2.0			

Cycle Length: 90.0 secs

Intersection Performance Summary

Appr/ Lane Grp	Lane Group Capacity	Adj Sat Flow Rate (s)	Ratios v/c	Ratios g/C	Lane Group Delay	Lane Group LOS	Approach Delay	Approach LOS
Eastbound								
L	362	1728	0.01	0.70	9.4	A		
TR	969	1816	0.47	0.53	14.7	B	14.7	B
Westbound								
L	572	1694	0.02	0.70	5.2	A		
TR	978	1834	0.78	0.53	22.8	C	22.6	C
Northbound								
LT	236	1250	0.21	0.19	32.8	C	32.1	C
R	285	1507	0.09	0.19	30.8	C		
Southbound								
LTR	291	1543	0.22	0.19	32.7	C	32.7	C

Intersection Delay = 20.9 (sec/veh) Intersection LOS = C

HCS+: Signalized Intersections Release 5.3

Analyst: JCE
Agency: JOHN COLLINS ENGINEERS, P.C.
Date: SEPTEMBER 2008
Period: WEEKDAY PEAK PM HIGHWAY HOUR
Project ID: 1540PMEX14
E/W St: U.S. ROUTE 202

Inter.: US RTE 202 & CRYSTAL HILL CLU
Area Type: All other areas
Jurisd:
Year : 2008 EXISTING TRAFFIC VOLUMES
N/S St: CRYSTAL HILL CLUB/BALSAM ROAD

SIGNALIZED INTERSECTION SUMMARY

	Eastbound			Westbound			Northbound			Southbound		
	L	T	R	L	T	R	L	T	R	L	T	R
No. Lanes	1	1	0	1	1	0	0	1	1	0	1	0
LGConfig	L	TR		L	TR			LT	R		LTR	
Volume	25	750	35	30	610	35	25	0	30	30	0	10
Lane Width	11.0	11.0		11.0	12.0			10.0	10.0		16.0	
RTOR Vol			0			0			0			0

Duration 0.25 Area Type: All other areas

Signal Operations

Phase Combination		1	2	3	4			5	6	7	8
EB	Left	A	A			NB	Left	P			
	Thru		P				Thru	P			
	Right		P				Right	P			
	Peds						Peds				
WB	Left	A	A			SB	Left	P			
	Thru		P				Thru	P			
	Right		P				Right	P			
	Peds						Peds				
NB	Right					EB	Right				
SB	Right					WB	Right				
Green		10.0	55.0					10.0			
Yellow		3.0	3.0					3.0			
All Red		2.0	2.0					2.0			

Cycle Length: 90.0 secs

Intersection Performance Summary

Appr/ Lane Grp	Lane Group Capacity	Adj Sat Flow Rate (s)	Ratios v/c	Ratios g/C	Lane Group Delay	Lane Group LOS	Approach Delay	Approach LOS
Eastbound								
L	511	1728	0.05	0.78	4.9	A		
TR	1104	1806	0.75	0.61	17.2	B	16.8	B
Westbound								
L	401	1694	0.08	0.78	7.5	A		
TR	1118	1829	0.61	0.61	13.3	B	13.0	B
Northbound								
LT	138	1242	0.19	0.11	39.3	D	39.1	D
R	167	1507	0.19	0.11	38.9	D		
Southbound								
LTR	171	1543	0.25	0.11	40.1	D	40.1	D

Intersection Delay = 16.6 (sec/veh) Intersection LOS = B

HCS+: Signalized Intersections Release 5.3

Analyst: JCE
Agency: JOHN COLLINS ENGINEERS, P.C.
Date: SEPTEMBER 2008
Period: WEEKDAY PEAK SAT HIGHWAY HOUR
Project ID: 1540SATEX14
E/W St: U.S. ROUTE 202

Inter.: US RTE 202 & CRYSTAL HILL CLU
Area Type: All other areas
Jurisd:
Year : 2008 EXISTING TRAFFIC VOLUMES
N/S St: CRYSTAL HILL CLUB/BALSAM ROAD

SIGNALIZED INTERSECTION SUMMARY

	Eastbound			Westbound			Northbound			Southbound		
	L	T	R	L	T	R	L	T	R	L	T	R
No. Lanes	1	1	0	1	1	0	0	1	1	0	1	0
LGConfig	L	TR		L	TR			LT	R		LTR	
Volume	10	555	35	25	595	35	40	0	50	50	0	5
Lane Width	11.0	11.0		11.0	12.0			10.0	10.0		16.0	
RTOR Vol			0			0			0			0

Duration 0.25 Area Type: All other areas

Signal Operations

Phase Combination		1	2	3	4			5	6	7	8
EB	Left		A			NB	Left	P			
	Thru		P				Thru	P			
	Right		P				Right	P			
	Peds						Peds				
WB	Left		A			SB	Left	P			
	Thru		P				Thru	P			
	Right		P				Right	P			
	Peds						Peds				
NB	Right					EB	Right				
SB	Right					WB	Right				
Green		10.0	48.0					17.0			
Yellow		3.0	3.0					3.0			
All Red		2.0	2.0					2.0			

Cycle Length: 90.0 secs

Intersection Performance Summary

Appr/ Lane Grp	Lane Group Capacity	Adj Sat Flow Rate (s)	Ratios v/c	Ratios g/C	Lane Group Delay	Lane Group LOS	Approach Delay	Approach LOS
Eastbound								
L	415	1728	0.03	0.70	7.9	A		
TR	961	1802	0.67	0.53	18.9	B	18.7	B
Westbound								
L	437	1694	0.06	0.70	7.3	A		
TR	975	1829	0.70	0.53	19.9	B	19.4	B
Northbound								
LT	241	1274	0.18	0.19	32.3	C	32.2	C
R	285	1507	0.19	0.19	32.2	C		
Southbound								
LTR	283	1497	0.21	0.19	32.5	C	32.5	C

Intersection Delay = 20.4 (sec/veh) Intersection LOS = C

HCS+: Signalized Intersections Release 5.3

Analyst: JCE
Agency: JOHN COLLINS ENGINEERS, P.C.
Date: OCTOBER 2008
Period: WEEKDAY PEAK AM HIGHWAY HOUR
Project ID: 1540AMNB14
E/W St: U.S. ROUTE 202

Inter.: US RTE 202 & CRYSTAL HILL CLU
Area Type: All other areas
Jurisd: (FULL BUILD)
Year : 2011 NO-BUILD TRAFFIC VOLUMES

N/S St: CRYSTAL HILL CLUB/BALSAM ROAD

SIGNALIZED INTERSECTION SUMMARY

	Eastbound			Westbound			Northbound			Southbound		
	L	T	R	L	T	R	L	T	R	L	T	R
No. Lanes	1	1	0	1	1	0	0	1	1	0	1	0
LGConfig	L	TR		L	TR			LT	R		LTR	
Volume	7	469	5	11	744	27	48	0	27	48	0	16
Lane Width	11.0	11.0		11.0	12.0			10.0	10.0		16.0	
RTOR Vol			0			0			0			0

Duration 0.25 Area Type: All other areas

Signal Operations

Phase Combination	1	2	3	4			5	6	7	8
EB Left	A	A			NB	Left	P			
Thru		P				Thru	P			
Right		P				Right	P			
Peds						Peds				
WB Left	A	A			SB	Left	P			
Thru		P				Thru	P			
Right		P				Right	P			
Peds						Peds				
NB Right					EB	Right				
SB Right					WB	Right				
Green	10.0	48.0					17.0			
Yellow	3.0	3.0					3.0			
All Red	2.0	2.0					2.0			

Cycle Length: 90.0 secs

Intersection Performance Summary

Appr/ Lane Grp	Lane Group Capacity	Adj Sat Flow Rate (s)	Ratios v/c	Ratios g/C	Lane Group Delay	Lane Group LOS	Approach Delay	Approach LOS
Eastbound								
L	309	1728	0.03	0.70	11.6	B		
TR	969	1816	0.53	0.53	15.8	B	15.7	B
Westbound								
L	527	1694	0.02	0.70	5.7	A		
TR	979	1835	0.86	0.53	27.6	C	27.3	C
Northbound								
LT	234	1237	0.22	0.19	33.1	C	32.3	C
R	285	1507	0.10	0.19	30.9	C		
Southbound								
LTR	289	1532	0.24	0.19	32.9	C	32.9	C

Intersection Delay = 23.8 (sec/veh) Intersection LOS = C

HCS+: Signalized Intersections Release 5.3

Analyst: JCE
Agency: JOHN COLLINS ENGINEERS, P.C.
Date: OCTOBER 2008
Period: WEEKDAY PEAK PM HIGHWAY HOUR
Project ID: 1540PMNB14
E/W St: U.S. ROUTE 202

Inter.: US RTE 202 & CRYSTAL HILL CLU
Area Type: All other areas
Jurisd: (FULL BUILD)
Year : 2011 NO-BUILD TRAFFIC VOLUMES
N/S St: CRYSTAL HILL CLUB/BALSAM ROAD

SIGNALIZED INTERSECTION SUMMARY

	Eastbound			Westbound			Northbound			Southbound		
	L	T	R	L	T	R	L	T	R	L	T	R
No. Lanes	1	1	0	1	1	0	0	1	1	0	1	0
LGConfig	L	TR		L	TR			LT	R		LTR	
Volume	27	826	37	32	678	37	27	0	32	32	0	11
Lane Width	11.0	11.0		11.0	12.0			10.0	10.0		16.0	
RTOR Vol			0			0			0			0

Duration 0.25 Area Type: All other areas

Signal Operations

Phase Combination		1	2	3	4			5	6	7	8
EB	Left	A	A			NB	Left	P			
	Thru		P				Thru	P			
	Right		P				Right	P			
	Peds						Peds				
WB	Left	A	A			SB	Left	P			
	Thru		P				Thru	P			
	Right		P				Right	P			
	Peds						Peds				
NB	Right					EB	Right				
SB	Right					WB	Right				
Green		10.0	55.0					10.0			
Yellow		3.0	3.0					3.0			
All Red		2.0	2.0					2.0			

Cycle Length: 90.0 secs

Intersection Performance Summary

Appr/ Lane Grp	Lane Group Capacity	Adj Sat Flow Rate (s)	Ratios v/c	Ratios g/C	Lane Group Delay	Lane Group LOS	Approach Delay	Approach LOS
Eastbound								
L	459	1728	0.06	0.78	6.0	A		
TR	1104	1807	0.82	0.61	20.6	C	20.2	C
Westbound								
L	347	1694	0.10	0.78	9.9	A		
TR	1118	1830	0.67	0.61	14.8	B	14.6	B
Northbound								
LT	137	1229	0.20	0.11	39.7	D	39.4	D
R	167	1507	0.20	0.11	39.1	D		
Southbound								
LTR	171	1541	0.27	0.11	40.5	D	40.5	D

Intersection Delay = 18.9 (sec/veh) Intersection LOS = B

HCS+: Signalized Intersections Release 5.3

Analyst: JCE
Agency: JOHN COLLINS ENGINEERS, P.C.
Date: OCTOBER 2008
Period: WEEKDAY PEAK SAT HIGHWAY HOUR
Project ID: 1540SATNB14
E/W St: U.S. ROUTE 202

Inter.: US RTE 202 & CRYSTAL HILL CLU
Area Type: All other areas
Jurisd: (FULL BUILD)
Year : 2011 NO-BUILD TRAFFIC VOLUMES
N/S St: CRYSTAL HILL CLUB/BALSAM ROAD

SIGNALIZED INTERSECTION SUMMARY

	Eastbound			Westbound			Northbound			Southbound		
	L	T	R	L	T	R	L	T	R	L	T	R
No. Lanes	1	1	0	1	1	0	0	1	1	0	1	0
LGConfig	L	TR		L	TR			LT	R		LTR	
Volume	11	609	37	27	653	37	42	0	53	53	0	5
Lane Width	11.0	11.0		11.0	12.0			10.0	10.0		16.0	
RTOR Vol			0			0			0			0

Duration 0.25 Area Type: All other areas

Signal Operations

Phase Combination	1	2	3	4		5	6	7	8
EB Left	A	A			NB Left	P			
Thru		P			Thru	P			
Right		P			Right	P			
Peds					Peds				
WB Left	A	A			SB Left	P			
Thru		P			Thru	P			
Right		P			Right	P			
Peds					Peds				
NB Right					EB Right				
SB Right					WB Right				
Green	10.0	48.0				17.0			
Yellow	3.0	3.0				3.0			
All Red	2.0	2.0				2.0			

Cycle Length: 90.0 secs

Intersection Performance Summary

Appr/ Lane Grp	Lane Group Capacity	Adj Sat Flow Rate (s)	Ratios v/c	Ratios g/C	Lane Group Delay	Lane Group LOS	Approach Delay	Approach LOS
Eastbound								
L	369	1728	0.03	0.70	9.2	A		
TR	962	1803	0.73	0.53	20.9	C	20.7	C
Westbound								
L	394	1694	0.07	0.70	8.4	A		
TR	975	1829	0.77	0.53	22.4	C	21.9	C
Northbound								
LT	238	1261	0.19	0.19	32.5	C	32.5	C
R	285	1507	0.20	0.19	32.4	C		
Southbound								
LTR	280	1480	0.22	0.19	32.8	C	32.8	C

Intersection Delay = 22.5 (sec/veh) Intersection LOS = C

HCS+: Signalized Intersections Release 5.3

Analyst: JCE
Agency: JOHN COLLINS ENGINEERS, P.C.
Date: OCTOBER 2008
Period: WEEKDAY PEAK AM HIGHWAY HOUR
Project ID: 1540AMB14
E/W St: U.S. ROUTE 202

Inter.: US RTE 202 & CRYSTAL HILL CLU
Area Type: All other areas
Jurisd: (FULL BUILD)
Year : 2011 BUILD TRAFFIC VOLUMES

N/S St: CRYSTAL HILL CLUB/BALSAM ROAD

SIGNALIZED INTERSECTION SUMMARY

	Eastbound			Westbound			Northbound			Southbound		
	L	T	R	L	T	R	L	T	R	L	T	R
No. Lanes	1	1	0	1	1	0	0	1	1	0	1	0
LGConfig	L	TR		L	TR			LT	R		LTR	
Volume	7	495	8	11	763	27	51	0	27	48	0	17
Lane Width	11.0	11.0		11.0	12.0			10.0	10.0		16.0	
RTOR Vol			0			0			0			0

Duration 0.25 Area Type: All other areas

Signal Operations

Phase Combination		1	2	3	4			5	6	7	8
EB	Left	A	A			NB	Left	P			
	Thru		P				Thru	P			
	Right		P				Right	P			
	Peds						Peds				
WB	Left	A	A			SB	Left	P			
	Thru		P				Thru	P			
	Right		P				Right	P			
	Peds						Peds				
NB	Right					EB	Right				
SB	Right					WB	Right				
Green		10.0	48.0					17.0			
Yellow		3.0	3.0					3.0			
All Red		2.0	2.0					2.0			

Cycle Length: 90.0 secs

Intersection Performance Summary

Appr/ Lane Grp	Lane Group Capacity	Adj Sat Flow Rate (s)	Ratios v/c	Ratios g/C	Lane Group Delay	Lane Group LOS	Approach Delay	Approach LOS
Eastbound								
L	294	1728	0.03	0.70	12.3	B		
TR	967	1814	0.57	0.53	16.4	B	16.4	B
Westbound								
L	504	1694	0.02	0.70	6.0	A		
TR	979	1835	0.88	0.53	29.3	C	29.0	C
Northbound								
LT	233	1233	0.24	0.19	33.4	C	32.5	C
R	285	1507	0.10	0.19	30.9	C		
Southbound								
LTR	289	1531	0.24	0.19	33.0	C	33.0	C

Intersection Delay = 24.9 (sec/veh) Intersection LOS = C

HCS+: Signalized Intersections Release 5.3

Analyst: JCE
Agency: JOHN COLLINS ENGINEERS, P.C.
Date: OCTOBER 2008
Period: WEEKDAY PEAK PM HIGHWAY HOUR
Project ID: 1540PMB14
E/W St: U.S. ROUTE 202

Inter.: US RTE 202 & CRYSTAL HILL CLU
Area Type: All other areas
Jurisd: (FULL BUILD)
Year : 2011 BUILD TRAFFIC VOLUMES
N/S St: CRYSTAL HILL CLUB/BALSAM ROAD

SIGNALIZED INTERSECTION SUMMARY

	Eastbound			Westbound			Northbound			Southbound		
	L	T	R	L	T	R	L	T	R	L	T	R
No. Lanes	1	1	0	1	1	0	0	1	1	0	1	0
LGConfig	L	TR		L	TR			LT	R		LTR	
Volume	31	890	47	32	745	37	36	0	32	32	0	16
Lane Width	11.0	11.0		11.0	12.0			10.0	10.0		16.0	
RTOR Vol			0			0			0			0

Duration 0.25 Area Type: All other areas

Signal Operations

Phase Combination	1	2	3	4			5	6	7	8
EB Left	A	A			NB	Left	P			
Thru		P				Thru	P			
Right		P				Right	P			
Peds						Peds				
WB Left	A	A			SB	Left	P			
Thru		P				Thru	P			
Right		P				Right	P			
Peds						Peds				
NB Right					EB	Right				
SB Right					WB	Right				
Green	10.0	55.0					10.0			
Yellow	3.0	3.0					3.0			
All Red	2.0	2.0					2.0			

Cycle Length: 90.0 secs

Intersection Performance Summary

Appr/ Lane Grp	Lane Group Capacity	Adj Sat Flow Rate (s)	Ratios v/c	Ratios g/C	Lane Group Delay	Lane Group LOS	Approach Delay	Approach LOS
Eastbound								
L	411	1728	0.08	0.78	7.4	A		
TR	1103	1805	0.89	0.61	26.1	C	25.5	C
Westbound								
L	295	1694	0.12	0.78	13.1	B		
TR	1119	1831	0.74	0.61	16.7	B	16.5	B
Northbound								
LT	137	1235	0.28	0.11	41.7	D	40.5	D
R	167	1507	0.20	0.11	39.1	D		
Southbound								
LTR	172	1549	0.30	0.11	41.1	D	41.1	D

Intersection Delay = 22.6 (sec/veh) Intersection LOS = C

HCS+: Signalized Intersections Release 5.3

Analyst: JCE
Agency: JOHN COLLINS ENGINEERS, P.C.
Date: OCTOBER 2008
Period: WEEKDAY PEAK SAT HIGHWAY HOUR
Project ID: 1540SATB14
E/W St: U.S. ROUTE 202

Inter.: US RTE 202 & CRYSTAL HILL CLU
Area Type: All other areas
Jurisd: (FULL BUILD)
Year : 2011 BUILD TRAFFIC VOLUMES

N/S St: CRYSTAL HILL CLUB/BALSAM ROAD

SIGNALIZED INTERSECTION SUMMARY

	Eastbound			Westbound			Northbound			Southbound		
	L	T	R	L	T	R	L	T	R	L	T	R
No. Lanes	1	1	0	1	1	0	0	1	1	0	1	0
LGConfig	L	TR		L	TR			LT	R		LTR	
Volume	17	693	50	27	736	37	55	0	53	53	0	12
Lane Width	11.0	11.0		11.0	12.0			10.0	10.0		16.0	
RTOR Vol			0			0			0			0

Duration 0.25 Area Type: All other areas

Signal Operations

Phase Combination	1	2	3	4		5	6	7	8
EB Left	A	A			NB Left	P			
Thru		P			Thru	P			
Right		P			Right	P			
Peds					Peds				
WB Left	A	A			SB Left	P			
Thru		P			Thru	P			
Right		P			Right	P			
Peds					Peds				
NB Right					EB Right				
SB Right					WB Right				
Green	10.0	48.0				17.0			
Yellow	3.0	3.0				3.0			
All Red	2.0	2.0				2.0			

Cycle Length: 90.0 secs

Intersection Performance Summary

Appr/ Lane Grp	Lane Group Capacity	Adj Sat Flow Rate (s)	Ratios v/c	Ratios g/C	Lane Group Delay	Lane Group LOS	Approach Delay	Approach LOS
Eastbound								
L	307	1728	0.06	0.70	11.9	B		
TR	960	1800	0.84	0.53	26.6	C	26.3	C
Westbound								
L	323	1694	0.09	0.70	11.0	B		
TR	977	1831	0.86	0.53	27.9	C	27.3	C
Northbound								
LT	233	1234	0.26	0.19	33.8	C	33.1	C
R	285	1507	0.20	0.19	32.4	C		
Southbound								
LTR	281	1487	0.25	0.19	33.2	C	33.2	C

Intersection Delay = 27.4 (sec/veh) Intersection LOS = C

APPENDIX "D"

STANDARDS

LEVEL OF SERVICE FOR SIGNALIZED INTERSECTIONS

Level of Service (LOS) for signalized intersections is defined in terms of control delay, which is a measure of driver discomfort, frustration, fuel consumption, and increased travel time. The delay experienced by a motorist is made up of a number of factors that relate to control, geometrics, traffic, and incidents. Specifically, LOS criteria for traffic signals are stated in terms of the average control delay per vehicle, typically for a 15-minute analysis period. The criteria are given in Exhibit 16-2 from the 2000 Highway Capacity Manual published by the Transportation Research Board.

EXHIBIT 16-2

LEVEL OF SERVICE FOR SIGNALIZED INTERSECTIONS

LEVEL OF SERVICE (LOS)	CONTROL DELAY PER VEHICLE (S/VEH)
A	≤10
B	>10-20
C	>20-35
D	>35-55
E	>55-80
F	>80

LEVEL OF SERVICE A describes operations with low control delay, up to 10 seconds per vehicle (s/veh). This LOS occurs when progression is extremely favorable and most vehicles arrive during the green phase. Many vehicles do not stop at all. Short cycle lengths may tend to contribute to low delay values.

LEVEL OF SERVICE B describes operations with control delay greater than 10 and up to 20 seconds per vehicle (s/veh). This level generally occurs with good progression, short cycle lengths, or both. More vehicles stop than with Level of Service "A", causing higher levels of delay.

LEVEL OF SERVICE C describes operations with control delay greater than 20 and up to 35 seconds per vehicle (s/veh). These higher delays may result from only fair progression, longer cycle lengths, or both. Individual cycle failures may begin to appear at this level. The number of vehicles stopping is significant at this level, though many still pass through the intersection without stopping.

LEVEL OF SERVICE D describes operations with control delay greater than 35 and up to 55 seconds per vehicle (s/veh). At Level of Service D, the influence of congestion becomes more noticeable. Longer delays may result from some combination of unfavorable progression, long cycle lengths, and high v/c ratios. Many vehicles stop, and the proportion of vehicles not stopping declines. Individual cycle failures are noticeable.

LEVEL OF SERVICE E describes operations with control delay greater than 55 and up to 80 seconds per vehicle (s/veh). This is considered to be the limit of acceptable delay. These high delay values generally indicate poor progression, long cycle lengths, and high v/c ratios. Individual cycle failures are frequent.

LEVEL OF SERVICE F describes operations with control delay in excess of 80 seconds per vehicle (s/veh). This level is considered unacceptable to most drivers, often occurs with oversaturation, that is, when arrival flow rates exceed the capacity of the groups. It may also occur at high v/c ratios with many individual cycle failures. Poor progression and long cycle lengths may also contribute significantly to high delay levels.

LEVEL OF SERVICE CRITERIA FOR UNSIGNALIZED INTERSECTIONS

The Level of Service (LOS) for unsignalized intersections is determined by the computed or measured control delay and is defined for each minor movement. Control delay is defined as the total elapsed time a vehicle stops at the end of the queue to the time the vehicle departs from the stop line. This total elapsed time includes the time required for the vehicle to travel from the last-in-queue position to the first-in-queue position, including deceleration of vehicles from free-flow speed to speed of vehicles in queue. Average control delay for any particular minor movement is a function of the capacity of the approach and the degree of saturation. The Level of Service Criteria are given in Exhibit 17-2 from the 2000 Highway Capacity Manual published by the Transportation Research Board.

EXHIBIT 17-2

LEVEL OF SERVICE FOR CRITERIA
FOR UNSIGNALIZED INTERSECTIONS

LEVEL OF SERVICE (LOS)	AVERAGE CONTROL DELAY (S/VEH)
A	0-10
B	>10-15
C	>15-25
D	>25-35
E	>35-50
F	>50

The Level of Service Criteria for unsignalized intersections are somewhat different from the criteria for signalized intersections.

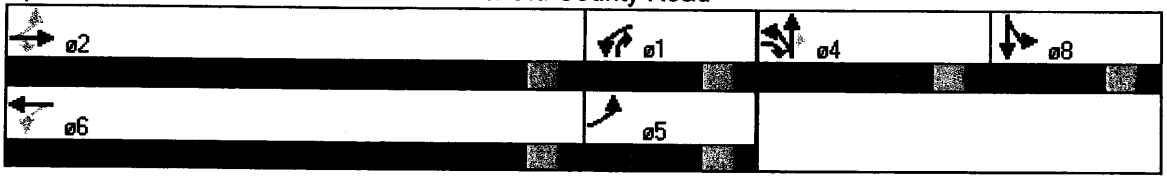
SYNCHRO/SIM TRAFFIC PRINTOUTS

Lane Group	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Storage Length (ft)	50		0	150		0	0		0	0		0
Storage Lanes	1		1	1		0	1		1	0		0
Total Lost Time (s)	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Leading Detector (ft)	50	50	50	50	50		50	50	50	50	50	
Trailing Detector (ft)	0	0	0	0	0		0	0	0	0	0	
Turning Speed (mph)	15		9	15		9	15		9	15		9
Lane Util. Factor	1.00	1.00	1.00	1.00	1.00	1.00	0.95	0.95	1.00	1.00	1.00	1.00
Frt			0.850		0.999				0.850		0.913	
Flt Protected	0.950			0.950			0.950	0.954			0.993	
Satd. Flow (prot)	1770	1863	1583	1770	1861	0	1681	1688	1583	0	1689	0
Flt Permitted	0.087			0.324			0.950	0.954			0.993	
Satd. Flow (perm)	162	1863	1583	604	1861	0	1681	1688	1583	0	1689	0
Right Turn on Red			Yes			Yes			Yes			Yes
Satd. Flow (RTOR)			370						202		52	
Headway Factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Link Speed (mph)		30			30			30			30	
Link Distance (ft)		354			1113			271			367	
Travel Time (s)		8.0			25.3			6.2			8.3	
Volume (vph)	5	441	340	244	747	5	217	5	186	11	16	48
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92
Adj. Flow (vph)	5	479	370	265	812	5	236	5	202	12	17	52
Lane Group Flow (vph)	5	479	370	265	817	0	118	123	202	0	81	0
Turn Type	pm+pt		pm+ov	pm+pt			Split		pm+ov	Split		
Protected Phases	5	2	4	1	6		4	4	1	8	8	
Permitted Phases	2		2	6					4			
Detector Phases	5	2	4	1	6		4	4	1	8	8	
Minimum Initial (s)	4.0	4.0	4.0	4.0	4.0		4.0	4.0	4.0	4.0	4.0	
Minimum Split (s)	9.0	21.0	20.0	9.0	21.0		20.0	20.0	9.0	15.0	15.0	
Total Split (s)	15.0	50.0	20.0	15.0	50.0	0.0	20.0	20.0	15.0	15.0	15.0	0.0
Total Split (%)	15.0%	50.0%	20.0%	15.0%	50.0%	0.0%	20.0%	20.0%	15.0%	15.0%	15.0%	0.0%
Maximum Green (s)	10.0	45.0	15.0	10.0	45.0		15.0	15.0	10.0	10.0	10.0	
Yellow Time (s)	3.0	3.0	3.0	3.0	3.0		3.0	3.0	3.0	3.0	3.0	
All-Red Time (s)	2.0	2.0	2.0	2.0	2.0		2.0	2.0	2.0	2.0	2.0	
Lead/Lag	Lag	Lead		Lag	Lead				Lag			
Lead-Lag Optimize?	Yes	Yes		Yes	Yes				Yes			
Vehicle Extension (s)	3.0	3.0	3.0	3.0	3.0		3.0	3.0	3.0	3.0	3.0	
Recall Mode	None	C-Max	None	None	C-Max		None	None	None	None	None	
Walk Time (s)		5.0			5.0							
Flash Dont Walk (s)		11.0			11.0							
Pedestrian Calls (#/hr)		0			0							
Act Effct Green (s)	64.3	56.9	70.6	68.0	65.8		12.9	12.9	24.8		8.4	
Actuated g/C Ratio	0.64	0.57	0.71	0.68	0.66		0.13	0.13	0.25		0.08	
v/c Ratio	0.02	0.45	0.30	0.53	0.67		0.54	0.56	0.37		0.43	
Control Delay	9.4	12.5	1.2	16.8	17.8		49.7	50.5	5.9		26.3	
Queue Delay	0.0	1.0	0.2	0.5	0.5		0.0	0.0	0.7		0.1	
Total Delay	9.4	13.5	1.4	17.3	18.3		49.7	50.5	6.7		26.3	
LOS	A	B	A	B	B		D	D	A		C	

Lane Group	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Approach Delay		8.2			18.1			30.3			26.3	
Approach LOS		A			B			C			C	
Queue Length 50th (ft)	1	171	0	59	278		74	77	0		18	
Queue Length 95th (ft)	m2	289	31	112	#748		131	135	50		62	
Internal Link Dist (ft)		274			1033			191			287	
Turn Bay Length (ft)	50			150								
Base Capacity (vph)	287	1060	1246	558	1224		269	270	539		232	
Starvation Cap Reductn	0	332	277	0	0		0	0	136		0	
Spillback Cap Reductn	0	0	174	80	124		0	0	0		6	
Storage Cap Reductn	0	0	0	0	0		0	0	0		0	
Reduced v/c Ratio	0.02	0.66	0.38	0.55	0.74		0.44	0.46	0.50		0.36	

Intersection Summary
Area Type: Other
Cycle Length: 100
Actuated Cycle Length: 100
Offset: 0 (0%), Referenced to phase 2:EBTL and 6:WBTL, Start of Green, Master Intersection
Natural Cycle: 90
Control Type: Actuated-Coordinated
Maximum v/c Ratio: 0.67
Intersection Signal Delay: 17.1 Intersection LOS: B
Intersection Capacity Utilization 65.8% ICU Level of Service C
Analysis Period (min) 15
95th percentile volume exceeds capacity, queue may be longer.
Queue shown is maximum after two cycles.
m Volume for 95th percentile queue is metered by upstream signal.

Splits and Phases: 1: U.S. Route 202 & Old County Road

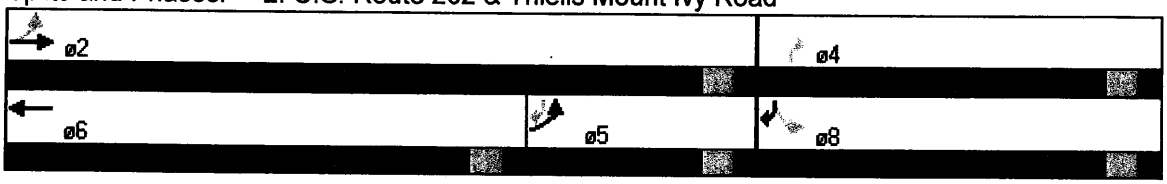


Lane Group	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Storage Length (ft)	630		0	115		0	0		0	0		0
Storage Lanes	1		0	1		1	0		1	1		1
Total Lost Time (s)	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Leading Detector (ft)	50	50			50	50			50	50		50
Trailing Detector (ft)	0	0			0	0			0	0		0
Turning Speed (mph)	15		9	15		9	15		9	15		9
Lane Util. Factor	1.00	1.00	1.00	1.00	0.95	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Frt		0.997				0.850			0.865			0.850
Flt Protected	0.950									0.950		
Satd. Flow (prot)	1770	1857	0	0	3539	1583	0	0	1611	1770	0	1583
Flt Permitted	0.183									0.950		
Satd. Flow (perm)	341	1857	0	0	3539	1583	0	0	1611	1770	0	1583
Right Turn on Red			Yes			Yes			Yes			Yes
Satd. Flow (RTOR)		2				125			371			52
Headway Factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Link Speed (mph)		30			30			30			30	
Link Distance (ft)		861			354			89			606	
Travel Time (s)		19.6			8.0			2.0			13.8	
Volume (vph)	180	468	11	0	858	143	0	0	5	313	0	863
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92
Adj. Flow (vph)	196	509	12	0	933	155	0	0	5	340	0	938
Lane Group Flow (vph)	196	521	0	0	933	155	0	0	5	340	0	938
Turn Type	pm+pt					Free			custom	custom		custom
Protected Phases	5	2			6							8
Permitted Phases	2					Free			4	8		5
Detector Phases	5	2			6				4	8		8
Minimum Initial (s)	4.0	4.0			4.0				4.0	4.0		4.0
Minimum Split (s)	9.0	21.0			21.0				9.0	21.0		21.0
Total Split (s)	20.0	65.0	0.0	0.0	45.0	0.0	0.0	0.0	35.0	35.0	0.0	35.0
Total Split (%)	20.0%	65.0%	0.0%	0.0%	45.0%	0.0%	0.0%	0.0%	35.0%	35.0%	0.0%	35.0%
Maximum Green (s)	15.0	60.0			40.0				30.0	30.0		30.0
Yellow Time (s)	3.0	3.0			3.0				3.0	3.0		3.0
All-Red Time (s)	2.0	2.0			2.0				2.0	2.0		2.0
Lead/Lag	Lag				Lead							
Lead-Lag Optimize?	Yes				Yes							
Vehicle Extension (s)	3.0	3.0			3.0				3.0	3.0		3.0
Recall Mode	None	C-Max			C-Max				None	Max		Max
Walk Time (s)		5.0			5.0					5.0		5.0
Flash Dont Walk (s)		11.0			11.0					11.0		11.0
Pedestrian Calls (#/hr)		0			0					0		0
Act Effct Green (s)	61.0	61.0			41.0	100.0			11.4	31.0		51.0
Actuated g/C Ratio	0.61	0.61			0.41	1.00			0.11	0.31		0.51
v/c Ratio	0.45	0.46			0.64	0.10			0.01	0.62		1.13
Control Delay	14.9	7.6			22.2	0.1			0.0	25.3		83.6
Queue Delay	0.0	0.0			3.3	0.0			0.0	0.4		2.9
Total Delay	14.9	7.6			25.4	0.1			0.0	25.7		86.5
LOS	B	A			C	A			A	C		F

Lane Group	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Approach Delay		9.6			21.8							
Approach LOS		A			C							
Queue Length 50th (ft)	40	124			273	0			0	174		~687
Queue Length 95th (ft)	m48	148			196	m0			0	m206		m#818
Internal Link Dist (ft)		781			274			9			526	
Turn Bay Length (ft)	630											
Base Capacity (vph)	437	1134			1451	1583			755	549		833
Starvation Cap Reductn	0	0			405	0			0	0		5
Spillback Cap Reductn	0	0			0	0			82	82		0
Storage Cap Reductn	0	0			0	0			0	0		0
Reduced v/c Ratio	0.45	0.46			0.89	0.10			0.01	0.66		1.13

Intersection Summary
Area Type: Other
Cycle Length: 100
Actuated Cycle Length: 100
Offset: 12 (12%), Referenced to phase 2:EBTL and 6:WBT, Start of Green
Natural Cycle: 60
Control Type: Actuated-Coordinated
Maximum v/c Ratio: 1.13
Intersection Signal Delay: 39.0 Intersection LOS: D
Intersection Capacity Utilization 83.8% ICU Level of Service E
Analysis Period (min) 15
~ Volume exceeds capacity, queue is theoretically infinite.
Queue shown is maximum after two cycles.
95th percentile volume exceeds capacity, queue may be longer.
Queue shown is maximum after two cycles.
m Volume for 95th percentile queue is metered by upstream signal.

Splits and Phases: 2: U.S. Route 202 & Thiells Mount Ivy Road

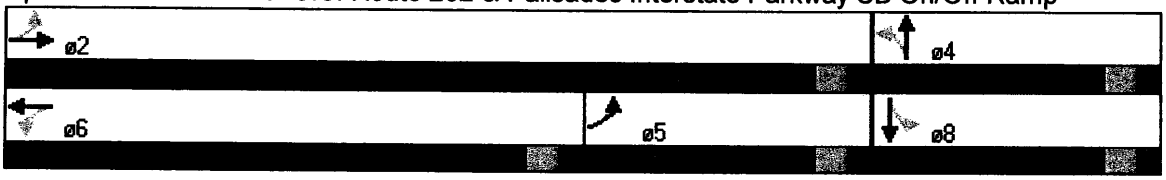


Lane Group	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Storage Length (ft)	125		0	60		0	0		0	0		0
Storage Lanes	1		0	1		1	0		0	0		1
Total Lost Time (s)	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Leading Detector (ft)	50	50		50	50	50	50	50		50	50	50
Trailing Detector (ft)	0	0		0	0	0	0	0		0	0	0
Turning Speed (mph)	15		9	15		9	15		9	15		9
Lane Util. Factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Frt		0.998				0.850		0.955				0.850
Flt Protected	0.950			0.950				0.984			0.954	
Satd. Flow (prot)	1770	1859	0	1770	1863	1583	0	1750	0	0	1777	1583
Flt Permitted	0.080			0.360				0.923			0.722	
Satd. Flow (perm)	149	1859	0	671	1863	1583	0	1642	0	0	1345	1583
Right Turn on Red			Yes			Yes			Yes			Yes
Satd. Flow (RTOR)		2				472		5				251
Headway Factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Link Speed (mph)		30			30			30			30	
Link Distance (ft)		584			861			109			648	
Travel Time (s)		13.3			19.6			2.5			14.7	
Volume (vph)	354	515	6	16	783	933	5	5	5	138	5	231
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92
Adj. Flow (vph)	385	560	7	17	851	1014	5	5	5	150	5	251
Lane Group Flow (vph)	385	567	0	17	851	1014	0	15	0	0	155	251
Turn Type	pm+pt			Perm		Free	Perm			Perm		Free
Protected Phases	5	2			6			4			8	
Permitted Phases	2			6		Free	4			8		Free
Detector Phases	5	2		6	6		4	4		8	8	
Minimum Initial (s)	4.0	4.0		4.0	4.0		4.0	4.0		4.0	4.0	
Minimum Split (s)	9.0	21.0		21.0	21.0		21.0	21.0		21.0	21.0	
Total Split (s)	25.0	75.0	0.0	50.0	50.0	0.0	25.0	25.0	0.0	25.0	25.0	0.0
Total Split (%)	25.0%	75.0%	0.0%	50.0%	50.0%	0.0%	25.0%	25.0%	0.0%	25.0%	25.0%	0.0%
Maximum Green (s)	20.0	70.0		45.0	45.0		20.0	20.0		20.0	20.0	
Yellow Time (s)	3.0	3.0		3.0	3.0		3.0	3.0		3.0	3.0	
All-Red Time (s)	2.0	2.0		2.0	2.0		2.0	2.0		2.0	2.0	
Lead/Lag	Lag			Lead	Lead							
Lead-Lag Optimize?	Yes			Yes	Yes							
Vehicle Extension (s)	3.0	3.0		3.0	3.0		3.0	3.0		3.0	3.0	
Recall Mode	None	C-Max		C-Max	C-Max		None	None		None	None	
Walk Time (s)		5.0		5.0	5.0		5.0	5.0		5.0	5.0	
Flash Dont Walk (s)		11.0		11.0	11.0		11.0	11.0		11.0	11.0	
Pedestrian Calls (#/hr)		0		0	0		0	0		0	0	
Act Effct Green (s)	75.2	75.2		50.2	50.2	100.0		16.8			16.8	100.0
Actuated g/C Ratio	0.75	0.75		0.50	0.50	1.00		0.17			0.17	1.00
v/c Ratio	0.85	0.41		0.05	0.91	0.64		0.05			0.69	0.16
Control Delay	46.6	3.0		11.1	24.7	2.1		26.2			51.5	0.2
Queue Delay	0.3	0.0		0.0	0.0	0.0		0.0			0.0	0.0
Total Delay	46.9	3.0		11.1	24.7	2.1		26.2			51.5	0.2
LOS	D	A		B	C	A		C			D	A

Lane Group	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Approach Delay		20.7			12.4			26.2			19.8	
Approach LOS		C			B			C			B	
Queue Length 50th (ft)	200	29		4	305	55		5			98	0
Queue Length 95th (ft)	#354	120		m6	m#605	m4		22			m145	m0
Internal Link Dist (ft)		504			781			29			568	
Turn Bay Length (ft)	125			60								
Base Capacity (vph)	452	1399		337	935	1583		349			282	1583
Starvation Cap Reductn	0	0		0	0	0		0			0	0
Spillback Cap Reductn	3	0		0	0	32		0			0	0
Storage Cap Reductn	0	0		0	0	0		0			0	0
Reduced v/c Ratio	0.86	0.41		0.05	0.91	0.65		0.04			0.55	0.16

Intersection Summary
Area Type: Other
Cycle Length: 100
Actuated Cycle Length: 100
Offset: 8 (8%), Referenced to phase 2:EBTL and 6:WBTL, Start of Green
Natural Cycle: 90
Control Type: Actuated-Coordinated
Maximum v/c Ratio: 0.91
Intersection Signal Delay: 15.8 Intersection LOS: B
Intersection Capacity Utilization 85.4% ICU Level of Service E
Analysis Period (min) 15
95th percentile volume exceeds capacity, queue may be longer.
Queue shown is maximum after two cycles.
m Volume for 95th percentile queue is metered by upstream signal.

Splits and Phases: 3: U.S. Route 202 & Palisades Interstate Parkway SB On/Off Ramp



Lane Group	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations		↕			↕			↕			↕	
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Total Lost Time (s)	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Leading Detector (ft)	50	50		50	50		50	50		50	50	
Trailing Detector (ft)	0	0		0	0		0	0		0	0	
Turning Speed (mph)	15		9	15		9	15		9	15		9
Lane Util. Factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Frt		0.999			0.994			0.911			0.953	
Flt Protected		0.996			0.998			0.994			0.973	
Satd. Flow (prot)	0	1843	0	0	1838	0	0	1621	0	0	1602	0
Flt Permitted		0.883			0.942			0.958			0.771	
Satd. Flow (perm)	0	1634	0	0	1735	0	0	1562	0	0	1269	0
Right Turn on Red			Yes			Yes			Yes			Yes
Satd. Flow (RTOR)		1			5			73			28	
Headway Factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Link Speed (mph)		30			30			30			30	
Link Distance (ft)		1043			2079			480			458	
Travel Time (s)		23.7			47.3			10.9			10.4	
Volume (vph)	41	537	5	43	804	42	11	21	61	107	21	68
Peak Hour Factor	0.84	0.84	0.84	0.84	0.84	0.84	0.84	0.84	0.84	0.84	0.84	0.84
Heavy Vehicles (%)	10%	2%	5%	5%	2%	10%	5%	10%	5%	10%	10%	10%
Adj. Flow (vph)	49	639	6	51	957	50	13	25	73	127	25	81
Lane Group Flow (vph)	0	694	0	0	1058	0	0	111	0	0	233	0
Turn Type	Perm			Perm			Perm			Perm		
Protected Phases		2			6			4			8	
Permitted Phases	2			6			4			8		
Detector Phases	2	2		6	6		4	4		8	8	
Minimum Initial (s)	4.0	4.0		4.0	4.0		4.0	4.0		4.0	4.0	
Minimum Split (s)	21.0	21.0		21.0	21.0		21.0	21.0		21.0	21.0	
Total Split (s)	65.0	65.0	0.0	65.0	65.0	0.0	35.0	35.0	0.0	35.0	35.0	0.0
Total Split (%)	65.0%	65.0%	0.0%	65.0%	65.0%	0.0%	35.0%	35.0%	0.0%	35.0%	35.0%	0.0%
Maximum Green (s)	60.0	60.0		60.0	60.0		30.0	30.0		30.0	30.0	
Yellow Time (s)	3.0	3.0		3.0	3.0		3.0	3.0		3.0	3.0	
All-Red Time (s)	2.0	2.0		2.0	2.0		2.0	2.0		2.0	2.0	
Lead/Lag												
Lead-Lag Optimize?												
Vehicle Extension (s)	3.0	3.0		3.0	3.0		3.0	3.0		3.0	3.0	
Recall Mode	Min	Min		Min	Min		None	None		None	None	
Walk Time (s)	5.0	5.0		5.0	5.0		5.0	5.0		5.0	5.0	
Flash Dont Walk (s)	11.0	11.0		11.0	11.0		11.0	11.0		11.0	11.0	
Pedestrian Calls (#/hr)	0	0		0	0		0	0		0	0	
Act Effct Green (s)		61.5			61.5			20.6			20.6	
Actuated g/C Ratio		0.68			0.68			0.23			0.23	
v/c Ratio		0.62			0.89			0.27			0.75	
Control Delay		12.5			25.4			12.8			42.9	
Queue Delay		0.0			0.0			0.0			0.0	
Total Delay		12.5			25.4			12.8			42.9	
LOS		B			C			B			D	
Approach Delay		12.5			25.4			12.8			42.9	

Lane Group	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Approach LOS		B			C			B			D	
Queue Length 50th (ft)		191			428			17			109	
Queue Length 95th (ft)		360			#839			51			172	
Internal Link Dist (ft)		963			1999			400			378	
Turn Bay Length (ft)												
Base Capacity (vph)		1116			1186			534			412	
Starvation Cap Reductn		0			0			0			0	
Spillback Cap Reductn		0			0			0			0	
Storage Cap Reductn		0			0			0			0	
Reduced v/c Ratio		0.62			0.89			0.21			0.57	

Intersection Summary

Area Type: Other
Cycle Length: 100
Actuated Cycle Length: 90.1
Natural Cycle: 80
Control Type: Actuated-Uncoordinated
Maximum v/c Ratio: 0.89
Intersection Signal Delay: 22.4 Intersection LOS: C
Intersection Capacity Utilization 81.2% ICU Level of Service D
Analysis Period (min) 15
95th percentile volume exceeds capacity, queue may be longer.
Queue shown is maximum after two cycles.

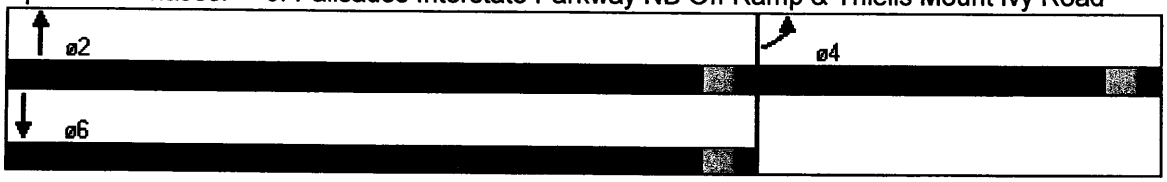
Splits and Phases: 4: U.S. Route 202 & Camp Hill Road

Lane Group	EBL	EBR	NBL	NBT	SBT	SBR
Lane Configurations						
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900
Total Lost Time (s)	4.0	4.0	4.0	4.0	4.0	4.0
Leading Detector (ft)	50			50	50	
Trailing Detector (ft)	0			0	0	
Turning Speed (mph)	15	9	15			9
Lane Util. Factor	1.00	1.00	1.00	1.00	1.00	1.00
Frt	0.904					
Flt Protected	0.986					
Satd. Flow (prot)	1660	0	0	1863	1863	0
Flt Permitted	0.986					
Satd. Flow (perm)	1660	0	0	1863	1863	0
Right Turn on Red		Yes				Yes
Satd. Flow (RTOR)	126					
Headway Factor	1.00	1.00	1.00	1.00	1.00	1.00
Link Speed (mph)	30			30	30	
Link Distance (ft)	336			606	245	
Travel Time (s)	7.6			13.8	5.6	
Volume (vph)	133	323	0	322	853	0
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92
Adj. Flow (vph)	145	351	0	350	927	0
Lane Group Flow (vph)	496	0	0	350	927	0
Turn Type						
Protected Phases	4			2	6	
Permitted Phases						
Detector Phases	4			2	6	
Minimum Initial (s)	4.0			4.0	4.0	
Minimum Split (s)	21.0			21.0	21.0	
Total Split (s)	35.0	0.0	0.0	65.0	65.0	0.0
Total Split (%)	35.0%	0.0%	0.0%	65.0%	65.0%	0.0%
Maximum Green (s)	30.0			60.0	60.0	
Yellow Time (s)	3.0			3.0	3.0	
All-Red Time (s)	2.0			2.0	2.0	
Lead/Lag						
Lead-Lag Optimize?						
Vehicle Extension (s)	3.0			3.0	3.0	
Recall Mode	Max			C-Min	C-Min	
Walk Time (s)	5.0			5.0	5.0	
Flash Dont Walk (s)	11.0			11.0	11.0	
Pedestrian Calls (#/hr)	0			0	0	
Act Effct Green (s)	38.0			54.0	54.0	
Actuated g/C Ratio	0.38			0.54	0.54	
v/c Ratio	0.70			0.35	0.92	
Control Delay	27.5			6.8	35.6	
Queue Delay	0.1			0.0	5.3	
Total Delay	27.6			6.8	40.9	
LOS	C			A	D	
Approach Delay	27.6			6.8	40.9	
Approach LOS	C			A	D	

Lane Group	EBL	EBR	NBL	NBT	SBT	SBR
Queue Length 50th (ft)	206		85	486		
Queue Length 95th (ft)	#399		73	624		
Internal Link Dist (ft)	266		526	165		
Turn Bay Length (ft)						
Base Capacity (vph)	709		1136	1136		
Starvation Cap Reductn	0		0	0		
Spillback Cap Reductn	10		0	156		
Storage Cap Reductn	0		0	0		
Reduced v/c Ratio	0.71		0.31	0.95		

Area Type: Other
Cycle Length: 100
Actuated Cycle Length: 100
Offset: 39 (39%), Referenced to phase 2:NBT and 6:SBT, Start of Green
Natural Cycle: 65
Control Type: Actuated-Coordinated
Maximum v/c Ratio: 0.92
Intersection Signal Delay: 30.5 Intersection LOS: C
Intersection Capacity Utilization 78.8% ICU Level of Service D
Analysis Period (min) 15
95th percentile volume exceeds capacity, queue may be longer.
Queue shown is maximum after two cycles.

Splits and Phases: 5: Palisades Interstate Parkway NB Off Ramp & Thiells Mount Ivy Road

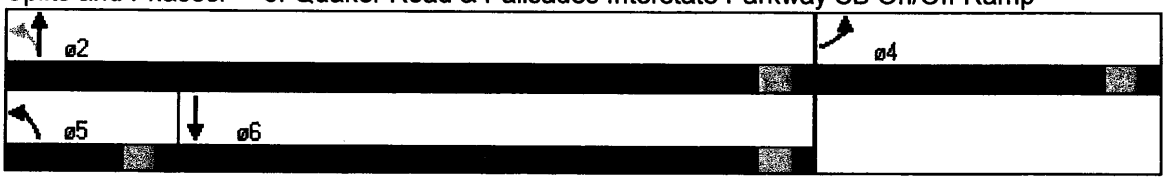


Lane Group	EBL	EBR	NBL	NBT	SBT	SBR
Lane Configurations						
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900
Storage Length (ft)	0	0	100			0
Storage Lanes	1	0	1			0
Total Lost Time (s)	4.0	4.0	4.0	4.0	4.0	4.0
Leading Detector (ft)	50		50	50	50	
Trailing Detector (ft)	0		0	0	0	
Turning Speed (mph)	15	9	15			9
Lane Util. Factor	1.00	1.00	1.00	1.00	1.00	1.00
Frt	0.946				0.987	
Flt Protected	0.971		0.950			
Satd. Flow (prot)	1711	0	1770	1863	1839	0
Flt Permitted	0.971		0.479			
Satd. Flow (perm)	1711	0	892	1863	1839	0
Right Turn on Red		Yes				Yes
Satd. Flow (RTOR)	32				8	
Headway Factor	1.00	1.00	1.00	1.00	1.00	1.00
Link Speed (mph)	30			30	30	
Link Distance (ft)	380			648	183	
Travel Time (s)	8.6			14.7	4.2	
Volume (vph)	196	130	199	1093	244	27
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92
Adj. Flow (vph)	213	141	216	1188	265	29
Lane Group Flow (vph)	354	0	216	1188	294	0
Turn Type			pm+pt			
Protected Phases	4		5	2	6	
Permitted Phases			2			
Detector Phases	4		5	2	6	
Minimum Initial (s)	4.0		4.0	4.0	4.0	
Minimum Split (s)	21.0		15.0	21.0	21.0	
Total Split (s)	30.0	0.0	15.0	70.0	55.0	0.0
Total Split (%)	30.0%	0.0%	15.0%	70.0%	55.0%	0.0%
Maximum Green (s)	25.0		10.0	65.0	50.0	
Yellow Time (s)	3.0		3.0	3.0	3.0	
All-Red Time (s)	2.0		2.0	2.0	2.0	
Lead/Lag			Lead		Lag	
Lead-Lag Optimize?			Yes		Yes	
Vehicle Extension (s)	3.0		3.0	3.0	3.0	
Recall Mode	None		Max	C-Max	C-Max	
Walk Time (s)	5.0			5.0	5.0	
Flash Dont Walk (s)	11.0			11.0	11.0	
Pedestrian Calls (#/hr)	0			0	0	
Act Effct Green (s)	23.2		68.8	68.8	51.0	
Actuated g/C Ratio	0.23		0.69	0.69	0.51	
v/c Ratio	0.84		0.29	0.93	0.31	
Control Delay	51.3		4.9	20.4	15.0	
Queue Delay	0.0		0.0	0.7	0.0	
Total Delay	51.3		4.9	21.1	15.0	
LOS	D		A	C	B	

Lane Group	EBR	NBL	NBT	SBT	SBR
Approach Delay	51.3		18.6	15.0	
Approach LOS	D		B	B	
Queue Length 50th (ft)	192	33	289	101	
Queue Length 95th (ft)	#320	m49	#1013	158	
Internal Link Dist (ft)	300		568	103	
Turn Bay Length (ft)		100			
Base Capacity (vph)	469	735	1282	942	
Starvation Cap Reductn	0	0	14	0	
Spillback Cap Reductn	0	0	0	0	
Storage Cap Reductn	0	0	0	0	
Reduced v/c Ratio	0.75	0.29	0.94	0.31	

Area Type: Other
Cycle Length: 100
Actuated Cycle Length: 100
Offset: 45 (45%), Referenced to phase 2:NBTL and 6:SBT, Start of Green
Natural Cycle: 80
Control Type: Actuated-Coordinated
Maximum v/c Ratio: 0.93
Intersection Signal Delay: 23.7 Intersection LOS: C
Intersection Capacity Utilization 83.0% ICU Level of Service E
Analysis Period (min) 15
95th percentile volume exceeds capacity, queue may be longer.
Queue shown is maximum after two cycles.
m Volume for 95th percentile queue is metered by upstream signal.

Splits and Phases: 6: Quaker Road & Palisades Interstate Parkway SB On/Off Ramp



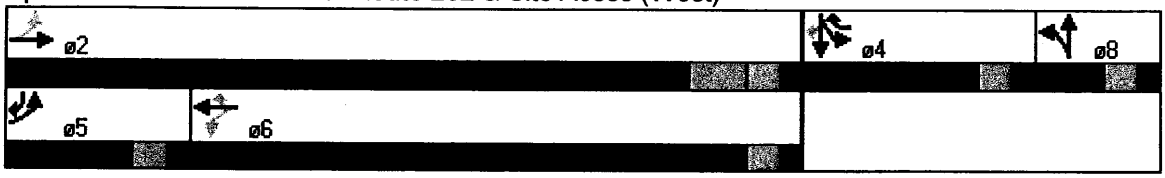
Lane Group	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Lane Width (ft)	12	12	12	12	12	12	12	15	12	12	12	12
Storage Length (ft)	150		150	150		150	0		0	0		0
Storage Lanes	1		1	1		1	0		0	1		1
Total Lost Time (s)	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Leading Detector (ft)	50	50		50	50	50	50	50		50	50	50
Trailing Detector (ft)	0	0		0	0	0	0	0		0	0	0
Turning Speed (mph)	15		9	15		9	15		9	15		9
Lane Util. Factor	1.00	0.95	0.95	1.00	1.00	1.00	1.00	1.00	1.00	0.95	0.95	1.00
Frt		0.995				0.850		0.905				0.850
Flt Protected	0.950			0.950				0.986		0.950	0.950	
Satd. Flow (prot)	1770	3522	0	1770	1863	1583	0	1828	0	1681	1681	1583
Flt Permitted	0.075			0.375				0.986		0.950	0.950	
Satd. Flow (perm)	140	3522	0	699	1863	1583	0	1828	0	1681	1681	1583
Right Turn on Red			Yes			Yes			Yes			Yes
Satd. Flow (RTOR)		7				127		29				132
Headway Factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.88	1.00	1.00	1.00	1.00
Link Speed (mph)		30			30			30			30	
Link Distance (ft)		888			257			88			206	
Travel Time (s)		20.2			5.8			2.0			4.7	
Volume (vph)	81	648	21	32	796	124	11	0	27	164	0	121
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92
Adj. Flow (vph)	88	704	23	35	865	135	12	0	29	178	0	132
Lane Group Flow (vph)	88	727	0	35	865	135	0	41	0	89	89	132
Turn Type	pm+pt			Perm		pm+ov	Split			Split		pm+ov
Protected Phases	5	2			6	4	8	8		4	4	5
Permitted Phases	2			6		6						4
Detector Phases	5	2		6	6	4	8	8		4	4	5
Minimum Initial (s)	4.0	4.0		4.0	4.0	4.0	4.0	4.0		4.0	4.0	4.0
Minimum Split (s)	9.0	21.0		21.0	21.0	17.0	11.0	11.0		17.0	17.0	9.0
Total Split (s)	16.0	64.0	0.0	53.0	53.0	20.0	11.0	11.0	0.0	20.0	20.0	16.0
Total Split (%)	16.0%	64.0%	0.0%	53.0%	53.0%	20.0%	11.0%	11.0%	0.0%	20.0%	20.0%	16.0%
Maximum Green (s)	11.0	59.0		48.0	48.0	15.0	6.0	6.0		15.0	15.0	11.0
Yellow Time (s)	3.0	3.0		3.0	3.0	3.0	3.0	3.0		3.0	3.0	3.0
All-Red Time (s)	2.0	2.0		2.0	2.0	2.0	2.0	2.0		2.0	2.0	2.0
Lead/Lag	Lead			Lag	Lag							Lead
Lead-Lag Optimize?	Yes			Yes	Yes							Yes
Vehicle Extension (s)	3.0	3.0		3.0	3.0	3.0	3.0	3.0		3.0	3.0	3.0
Recall Mode	None	C-Max		C-Max	C-Max	None	None	None		None	None	None
Walk Time (s)		5.0		5.0	5.0							
Flash Dont Walk (s)		11.0		11.0	11.0							
Pedestrian Calls (#/hr)		0		0	0							
Act Effct Green (s)	73.7	73.7		60.8	60.8	76.2		7.1		11.4	11.4	21.9
Actuated g/C Ratio	0.74	0.74		0.61	0.61	0.76		0.07		0.11	0.11	0.22
v/c Ratio	0.35	0.28		0.08	0.76	0.11		0.26		0.46	0.46	0.29
Control Delay	9.6	7.9		4.8	10.8	0.1		25.7		48.5	48.5	5.3
Queue Delay	0.0	0.0		0.0	0.0	0.0		0.0		0.0	0.0	0.0
Total Delay	9.6	7.9		4.8	10.8	0.1		25.7		48.5	48.5	5.3

Lane Group	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
LOS	A	A		A	B	A		C		D	D	A
Approach Delay		8.1			9.2			25.7			30.1	
Approach LOS		A			A			C			C	
Queue Length 50th (ft)	24	153		4	97	0		7		56	56	0
Queue Length 95th (ft)	m49	215		m6	m#669	m0		41		104	104	34
Internal Link Dist (ft)		808			177			8			126	
Turn Bay Length (ft)	150			150		150						
Base Capacity (vph)	299	2597		425	1132	1303		161		269	269	495
Starvation Cap Reductn	0	0		0	0	0		0		0	0	0
Spillback Cap Reductn	0	0		0	0	0		0		0	0	0
Storage Cap Reductn	0	0		0	0	0		0		0	0	0
Reduced v/c Ratio	0.29	0.28		0.08	0.76	0.10		0.25		0.33	0.33	0.27

Intersection Summary

Area Type: Other
Cycle Length: 100
Actuated Cycle Length: 100
Offset: 27 (27%), Referenced to phase 2:EBTL and 6:WBTL, Start of Green
Natural Cycle: 80
Control Type: Actuated-Coordinated
Maximum v/c Ratio: 0.76
Intersection Signal Delay: 12.0 Intersection LOS: B
Intersection Capacity Utilization 67.6% ICU Level of Service C
Analysis Period (min) 15
95th percentile volume exceeds capacity, queue may be longer.
Queue shown is maximum after two cycles.
m Volume for 95th percentile queue is metered by upstream signal.

Splits and Phases: 7: U.S. Route 202 & Site Acess (West)



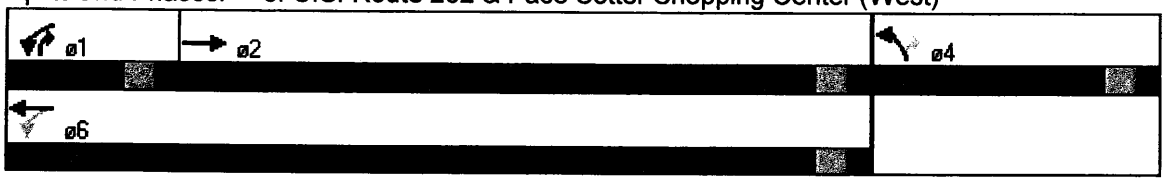
Lane Group	EBT	EBR	WBL	WBT	NBL	NBR
Lane Configurations	↑	↱	↰	↑	↰	↱
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900
Storage Length (ft)		325	100		0	0
Storage Lanes		1	1		1	1
Total Lost Time (s)	4.0	4.0	4.0	4.0	4.0	4.0
Leading Detector (ft)	50	50	50	50	50	50
Trailing Detector (ft)	0	0	0	0	0	0
Turning Speed (mph)		9	15		15	9
Lane Util. Factor	1.00	1.00	1.00	1.00	1.00	1.00
Frt		0.850				0.850
Flt Protected			0.950		0.950	
Satd. Flow (prot)	1863	1583	1770	1863	1770	1583
Flt Permitted			0.256		0.950	
Satd. Flow (perm)	1863	1583	477	1863	1770	1583
Right Turn on Red		Yes				Yes
Satd. Flow (RTOR)		50				49
Headway Factor	1.00	1.00	1.00	1.00	1.00	1.00
Link Speed (mph)	30			30	30	
Link Distance (ft)	2079			295	320	
Travel Time (s)	47.3			6.7	7.3	
Volume (vph)	582	58	71	833	27	45
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92
Adj. Flow (vph)	633	63	77	905	29	49
Lane Group Flow (vph)	633	63	77	905	29	49
Turn Type		Free	pm+pt			pm+ov
Protected Phases	2		1	6	4	1
Permitted Phases		Free	6			4
Detector Phases	2		1	6	4	1
Minimum Initial (s)	4.0		4.0	4.0	4.0	4.0
Minimum Split (s)	21.0		9.0	21.0	21.0	9.0
Total Split (s)	60.0	0.0	15.0	75.0	25.0	15.0
Total Split (%)	60.0%	0.0%	15.0%	75.0%	25.0%	15.0%
Maximum Green (s)	55.0		10.0	70.0	20.0	10.0
Yellow Time (s)	3.0		3.0	3.0	3.0	3.0
All-Red Time (s)	2.0		2.0	2.0	2.0	2.0
Lead/Lag	Lag		Lead			Lead
Lead-Lag Optimize?	Yes		Yes			Yes
Vehicle Extension (s)	3.0		3.0	3.0	3.0	3.0
Recall Mode	C-Max		None	C-Max	Max	None
Walk Time (s)	5.0			5.0	5.0	
Flash Dont Walk (s)	11.0			11.0	11.0	
Pedestrian Calls (#/hr)	0			0	0	
Act Effct Green (s)	62.3	100.0	71.0	71.0	21.0	31.8
Actuated g/C Ratio	0.62	1.00	0.71	0.71	0.21	0.32
v/c Ratio	0.55	0.04	0.18	0.68	0.08	0.09
Control Delay	13.6	0.1	1.7	5.7	32.5	7.6
Queue Delay	0.0	0.0	0.0	0.0	0.0	0.0
Total Delay	13.6	0.1	1.7	5.7	32.5	7.6
LOS	B	A	A	A	C	A

Lane Group	EBT	EBR	WBL	WBT	NBL	NBR
Approach Delay	12.4			6.4	16.9	
Approach LOS	B			A	B	
Queue Length 50th (ft)	226	0	2	24	15	0
Queue Length 95th (ft)	324	0	m3	31	39	26
Internal Link Dist (ft)	1999			215	240	
Turn Bay Length (ft)		325	100			
Base Capacity (vph)	1161	1583	481	1323	372	601
Starvation Cap Reductn	0	0	0	0	0	0
Spillback Cap Reductn	0	0	0	0	0	0
Storage Cap Reductn	0	0	0	0	0	0
Reduced v/c Ratio	0.65	0.04	0.16	0.68	0.08	0.08

Intersection Summary

Area Type: Other
Cycle Length: 100
Actuated Cycle Length: 100
Offset: 65 (65%), Referenced to phase 2:EBT and 6:WBTL, Start of Green
Natural Cycle: 60
Control Type: Actuated-Coordinated
Maximum v/c Ratio: 0.68
Intersection Signal Delay: 8.7 Intersection LOS: A
Intersection Capacity Utilization 53.8% ICU Level of Service A
Analysis Period (min) 15
m Volume for 95th percentile queue is metered by upstream signal.

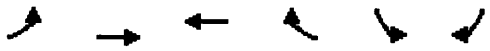
Splits and Phases: 8: U.S. Route 202 & Pace Setter Shopping Center (West)



Lane Group	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Storage Length (ft)	0		0	100		0	0		0	0		0
Storage Lanes	0		0	1		0	0		0	0		1
Turning Speed (mph)	15		9	15		9	15		9	15		9
Lane Util. Factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Frt		0.992			0.996			0.925				0.865
Flt Protected				0.950				0.978				
Satd. Flow (prot)	0	1848	0	1770	1855	0	0	1685	0	0	0	1611
Flt Permitted				0.950				0.978				
Satd. Flow (perm)	0	1848	0	1770	1855	0	0	1685	0	0	0	1611
Headway Factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Link Speed (mph)		30			30			30			30	
Link Distance (ft)		133			584			96			161	
Travel Time (s)		3.0			13.3			2.2			3.7	
Volume (vph)	0	703	42	117	882	21	64	0	80	0	0	6
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92
Adj. Flow (vph)	0	764	46	127	959	23	70	0	87	0	0	7
Lane Group Flow (vph)	0	810	0	127	982	0	0	157	0	0	0	7
Sign Control		Free			Free			Stop			Stop	

Area Type: Other
Control Type: Unsignalized
Intersection Capacity Utilization 69.5% ICU Level of Service C
Analysis Period (min) 15

Lane Group	EBL	EBT	WBT	WBR	SBL	SBR
Lane Configurations						
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900
Storage Length (ft)	120			0	100	0
Storage Lanes	1			0	1	1
Total Lost Time (s)	4.0	4.0	4.0	4.0	4.0	4.0
Leading Detector (ft)	50	50	50		50	50
Trailing Detector (ft)	0	0	0		0	0
Turning Speed (mph)	15			9	15	9
Lane Util. Factor	1.00	1.00	1.00	1.00	1.00	1.00
Frt			0.997			0.850
Flt Protected	0.950				0.950	
Satd. Flow (prot)	1770	1863	1857	0	1770	1583
Flt Permitted	0.067				0.950	
Satd. Flow (perm)	125	1863	1857	0	1770	1583
Right Turn on Red				Yes		Yes
Satd. Flow (RTOR)			2			101
Headway Factor	1.00	1.00	1.00	1.00	1.00	1.00
Link Speed (mph)		30	30		30	
Link Distance (ft)		1621	750		397	
Travel Time (s)		36.8	17.0		9.0	
Volume (vph)	27	584	1028	21	37	122
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92
Adj. Flow (vph)	29	635	1117	23	40	133
Lane Group Flow (vph)	29	635	1140	0	40	133
Turn Type	pm+pt					pm+ov
Protected Phases	7	4	8		6	7
Permitted Phases	4					6
Detector Phases	7	4	8		6	7
Minimum Initial (s)	4.0	4.0	4.0		4.0	4.0
Minimum Split (s)	9.0	21.0	21.0		15.0	9.0
Total Split (s)	15.0	75.0	60.0	0.0	15.0	15.0
Total Split (%)	16.7%	83.3%	66.7%	0.0%	16.7%	16.7%
Maximum Green (s)	10.0	70.0	55.0		10.0	10.0
Yellow Time (s)	3.0	3.0	3.0		3.0	3.0
All-Red Time (s)	2.0	2.0	2.0		2.0	2.0
Lead/Lag	Lead		Lag			Lead
Lead-Lag Optimize?	Yes		Yes			Yes
Vehicle Extension (s)	3.0	3.0	3.0		3.0	3.0
Recall Mode	None	None	None		Max	None
Walk Time (s)		5.0	5.0			
Flash Dont Walk (s)		11.0	11.0			
Pedestrian Calls (#/hr)		0	0			
Act Effct Green (s)	67.6	67.6	55.9		11.0	22.7
Actuated g/C Ratio	0.78	0.78	0.65		0.13	0.26
v/c Ratio	0.12	0.44	0.95		0.18	0.27
Control Delay	3.1	4.2	32.4		36.4	10.0
Queue Delay	0.0	0.0	0.0		0.0	0.0
Total Delay	3.1	4.2	32.4		36.4	10.0
LOS	A	A	C		D	B

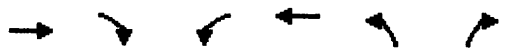


Lane Group	EBL	EBT	WBT	WBR	SBL	SBR
Approach Delay		4.2	32.4		16.1	
Approach LOS		A	C		B	
Queue Length 50th (ft)	3	87	503		20	13
Queue Length 95th (ft)	7	130	#887		50	56
Internal Link Dist (ft)		1541	670		317	
Turn Bay Length (ft)	120				100	
Base Capacity (vph)	295	1470	1201		225	529
Starvation Cap Reductn	0	0	0		0	0
Spillback Cap Reductn	0	0	0		0	0
Storage Cap Reductn	0	0	0		0	0
Reduced v/c Ratio	0.10	0.43	0.95		0.18	0.25

Intersection Summary

Area Type: Other
Cycle Length: 90
Actuated Cycle Length: 86.6
Natural Cycle: 80
Control Type: Actuated-Uncoordinated
Maximum v/c Ratio: 0.95
Intersection Signal Delay: 21.5 Intersection LOS: C
Intersection Capacity Utilization 69.6% ICU Level of Service C
Analysis Period (min) 15
95th percentile volume exceeds capacity, queue may be longer.
Queue shown is maximum after two cycles.

Splits and Phases: 10: U.S. Route 202 & Martino Way



Movement	EBT	EBR	WBL	WBT	NBL	NBR
Lane Configurations						
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900
Turning Speed (mph)		9	15		15	9
Lane Util. Factor	1.00	1.00	1.00	1.00	1.00	1.00
Frt	0.999					0.865
Fl Protected						
Satd. Flow (prot)	1861	0	0	1863	0	1611
Fl Permitted						
Satd. Flow (perm)	1861	0	0	1863	0	1611
Headway Factor	1.00	1.00	1.00	1.00	1.00	1.00
Link Speed (mph)	30			30	30	
Link Distance (ft)	295			888	334	
Travel Time (s)	6.7			20.2	7.6	
Volume (vph)	743	5	0	928	0	37
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92
Adj. Flow (vph)	775	5	0	1009	0	40
Lane Group Flow (vph)	780	0	0	1009	0	40
Sign Control	Free			Free	Stop	

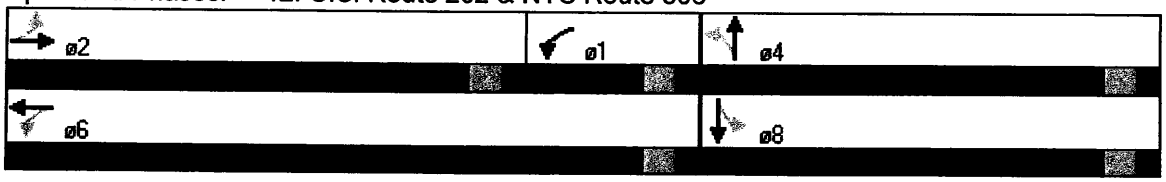
Area Type: Other
Control Type: Unsignalized
Intersection Capacity Utilization 52.2% ICU Level of Service A
Analysis Period (min) 15

Lane Group	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Storage Length (ft)	65		0	200		0	0		0	0		0
Storage Lanes	1		0	1		0	0		0	0		0
Total Lost Time (s)	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Leading Detector (ft)	50	50		50	50		50	50		50	50	
Trailing Detector (ft)	0	0		0	0		0	0		0	0	
Turning Speed (mph)	15		9	15		9	15		9	15		9
Lane Util. Factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Frt		0.994			0.996			0.907			0.991	
Flt Protected	0.950			0.950				0.998			0.990	
Satd. Flow (prot)	1641	1849	0	1719	1851	0	0	1618	0	0	1695	0
Flt Permitted	0.098			0.302				0.988			0.918	
Satd. Flow (perm)	169	1849	0	546	1851	0	0	1601	0	0	1571	0
Right Turn on Red			Yes			Yes			Yes			Yes
Satd. Flow (RTOR)		3			3			123			4	
Headway Factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Link Speed (mph)		30			30			30			30	
Link Distance (ft)		771			2678			516			293	
Travel Time (s)		17.5			60.9			11.7			6.7	
Volume (vph)	5	398	17	184	678	21	12	65	169	16	56	5
Peak Hour Factor	0.87	0.87	0.87	0.87	0.87	0.87	0.87	0.87	0.87	0.87	0.87	0.87
Heavy Vehicles (%)	10%	2%	5%	5%	2%	10%	5%	10%	5%	10%	10%	10%
Adj. Flow (vph)	6	457	20	211	779	24	14	75	194	18	64	6
Lane Group Flow (vph)	6	477	0	211	803	0	0	283	0	0	88	0
Turn Type	Perm			pm+pt			Perm			Perm		
Protected Phases		2		1	6			4			8	
Permitted Phases	2			6			4			8		
Detector Phases	2	2		1	6		4	4		8	8	
Minimum Initial (s)	4.0	4.0		4.0	4.0		4.0	4.0		4.0	4.0	
Minimum Split (s)	21.0	21.0		9.0	21.0		21.0	21.0		21.0	21.0	
Total Split (s)	45.0	45.0	0.0	15.0	60.0	0.0	40.0	40.0	0.0	40.0	40.0	0.0
Total Split (%)	45.0%	45.0%	0.0%	15.0%	60.0%	0.0%	40.0%	40.0%	0.0%	40.0%	40.0%	0.0%
Maximum Green (s)	40.0	40.0		10.0	55.0		35.0	35.0		35.0	35.0	
Yellow Time (s)	3.0	3.0		3.0	3.0		3.0	3.0		3.0	3.0	
All-Red Time (s)	2.0	2.0		2.0	2.0		2.0	2.0		2.0	2.0	
Lead/Lag	Lead	Lead		Lag								
Lead-Lag Optimize?	Yes	Yes		Yes								
Vehicle Extension (s)	3.0	3.0		3.0	3.0		3.0	3.0		3.0	3.0	
Recall Mode	Max	Max		None	Max		None	None		None	None	
Walk Time (s)	5.0	5.0			5.0		5.0	5.0		5.0	5.0	
Flash Dont Walk (s)	11.0	11.0			11.0		11.0	11.0		11.0	11.0	
Pedestrian Calls (#/hr)	0	0			0		0	0		0	0	
Act Effct Green (s)	41.2	41.2		56.3	56.3			14.5			14.5	
Actuated g/C Ratio	0.52	0.52		0.71	0.71			0.18			0.18	
v/c Ratio	0.07	0.49		0.38	0.61			0.72			0.30	
Control Delay	14.4	15.5		10.3	9.4			26.9			28.3	
Queue Delay	0.0	0.0		0.0	0.0			0.0			0.0	
Total Delay	14.4	15.5		10.3	9.4			26.9			28.3	

Lane Group	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
LOS		B	B		B	A		C			C	
Approach Delay			15.4			9.6		26.9			28.3	
Approach LOS			B			A		C			C	
Queue Length 50th (ft)	1	140		28	163			72			36	
Queue Length 95th (ft)	9	259		69	353			142			71	
Internal Link Dist (ft)		691			2598			436			213	
Turn Bay Length (ft)	65			200								
Base Capacity (vph)	88	968		554	1322			655			568	
Starvation Cap Reductn	0	0		0	0			0			0	
Spillback Cap Reductn	0	0		0	0			0			0	
Storage Cap Reductn	0	0		0	0			0			0	
Reduced v/c Ratio	0.07	0.49		0.38	0.61			0.43			0.15	

Area Type: Other
Cycle Length: 100
Actuated Cycle Length: 78.9
Natural Cycle: 60
Control Type: Actuated-Uncoordinated
Maximum v/c Ratio: 0.72
Intersection Signal Delay: 14.6 Intersection LOS: B
Intersection Capacity Utilization 65.6% ICU Level of Service C
Analysis Period (min) 15

Splits and Phases: 12: U.S. Route 202 & NYS Route 306

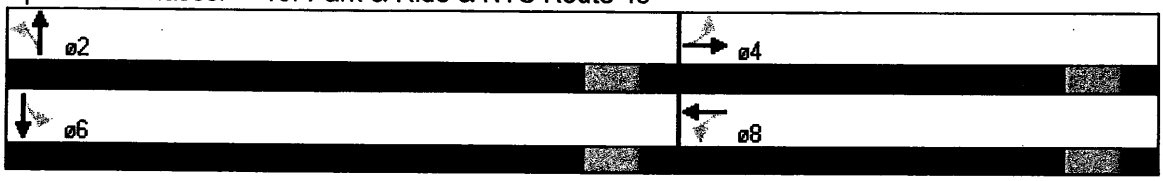


Lane Group	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Total Lost Time (s)	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Leading Detector (ft)	50	50		50	50		50	50		50	50	
Trailing Detector (ft)	0	0		0	0		0	0		0	0	
Turning Speed (mph)	15		9	15		9	15		9	15		9
Lane Util. Factor	1.00	1.00	1.00	1.00	1.00	1.00	0.91	0.91	0.91	1.00	1.00	1.00
Frt		0.930			0.980			0.980			0.996	
Flt Protected		0.977			0.960			0.999			0.999	
Satd. Flow (prot)	0	1693	0	0	1752	0	0	4979	0	0	1853	0
Flt Permitted		0.855			0.745			0.935			0.990	
Satd. Flow (perm)	0	1481	0	0	1360	0	0	4660	0	0	1837	0
Right Turn on Red			Yes			Yes			Yes			Yes
Satd. Flow (RTOR)		12			16			63			3	
Headway Factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Link Speed (mph)		30			30			30			30	
Link Distance (ft)		217			405			345			271	
Travel Time (s)		4.9			9.2			7.8			6.2	
Volume (vph)	10	0	11	238	5	42	5	371	58	11	572	16
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92
Adj. Flow (vph)	11	0	12	259	5	46	5	403	63	12	622	17
Lane Group Flow (vph)	0	23	0	0	310	0	0	471	0	0	651	0
Turn Type	Perm			Perm			Perm			Perm		
Protected Phases		4			8			2			6	
Permitted Phases	4			8			2			6		
Detector Phases	4	4		8	8		2	2		6	6	
Minimum Initial (s)	4.0	4.0		4.0	4.0		4.0	4.0		4.0	4.0	
Minimum Split (s)	21.0	21.0		21.0	21.0		21.0	21.0		21.0	21.0	
Total Split (s)	25.0	25.0	0.0	25.0	25.0	0.0	35.0	35.0	0.0	35.0	35.0	0.0
Total Split (%)	41.7%	41.7%	0.0%	41.7%	41.7%	0.0%	58.3%	58.3%	0.0%	58.3%	58.3%	0.0%
Maximum Green (s)	20.0	20.0		20.0	20.0		30.0	30.0		30.0	30.0	
Yellow Time (s)	3.0	3.0		3.0	3.0		3.0	3.0		3.0	3.0	
All-Red Time (s)	2.0	2.0		2.0	2.0		2.0	2.0		2.0	2.0	
Lead/Lag												
Lead-Lag Optimize?												
Vehicle Extension (s)	3.0	3.0		3.0	3.0		3.0	3.0		3.0	3.0	
Recall Mode	None	None		None	None		Min	Min		Min	Min	
Walk Time (s)	5.0	5.0		5.0	5.0		5.0	5.0		5.0	5.0	
Flash Dont Walk (s)	11.0	11.0		11.0	11.0		11.0	11.0		11.0	11.0	
Pedestrian Calls (#/hr)	0	0		0	0		0	0		0	0	
Act Effct Green (s)		15.4			15.4			25.2			25.2	
Actuated g/C Ratio		0.31			0.31			0.52			0.52	
v/c Ratio		0.05			0.70			0.19			0.69	
Control Delay		9.5			23.5			6.3			14.4	
Queue Delay		0.0			0.0			0.0			1.8	
Total Delay		9.5			23.5			6.3			16.2	
LOS		A			C			A			B	
Approach Delay		9.5			23.5			6.3			16.2	
Approach LOS		A			C			A			B	

Lane Group	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Queue Length 50th (ft)	2				64			20			126	
Queue Length 95th (ft)	15				164			41			268	
Internal Link Dist (ft)	137				325			265			191	
Turn Bay Length (ft)												
Base Capacity (vph)	587				542			2688			1051	
Starvation Cap Reductn	0				0			0			240	
Spillback Cap Reductn	0				0			0			0	
Storage Cap Reductn	0				0			0			0	
Reduced v/c Ratio	0.04				0.57			0.18			0.80	

Area Type: Other
Cycle Length: 60
Actuated Cycle Length: 48.0
Natural Cycle: 55
Control Type: Actuated-Uncoordinated
Maximum v/c Ratio: 0.70
Intersection Signal Delay: 14.5 Intersection LOS: B
Intersection Capacity Utilization 69.3% ICU Level of Service C
Analysis Period (min) 15

Splits and Phases: 13: Park & Ride & NYS Route 45

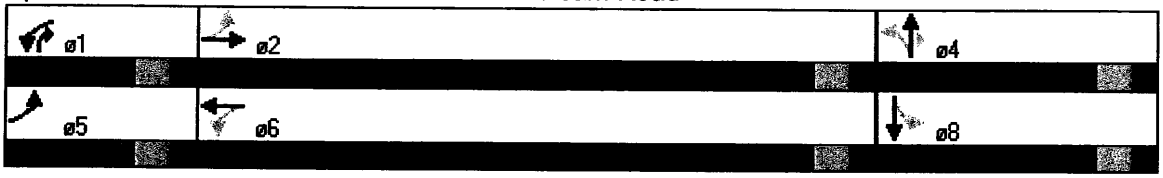


Lane Group	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Lane Width (ft)	11	11	12	11	12	12	12	10	10	12	16	12
Storage Length (ft)	115		0	130		0	0		75	0		0
Storage Lanes	1		0	1		0	0		1	0		0
Total Lost Time (s)	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Leading Detector (ft)	50	50		50	50		50	50	50	50	50	
Trailing Detector (ft)	0	0		0	0		0	0	0	0	0	
Turning Speed (mph)	15		9	15		9	15		9	15		9
Lane Util. Factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Frt		0.999			0.995				0.850		0.900	
Flt Protected	0.950			0.950				0.950			0.987	
Satd. Flow (prot)	1711	1799	0	1711	1853	0	0	1652	1478	0	1875	0
Flt Permitted	0.112			0.341				0.744			0.930	
Satd. Flow (perm)	202	1799	0	614	1853	0	0	1293	1478	0	1767	0
Right Turn on Red			Yes			Yes			Yes			Yes
Satd. Flow (RTOR)		1			3				29		52	
Headway Factor	1.04	1.04	1.00	1.04	1.00	1.00	1.00	1.09	1.09	1.00	0.85	1.00
Link Speed (mph)		30			30			30			30	
Link Distance (ft)		561			602			295			370	
Travel Time (s)		12.8			13.7			6.7			8.4	
Volume (vph)	7	485	5	11	760	27	51	0	27	17	0	48
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92
Adj. Flow (vph)	8	527	5	12	826	29	55	0	29	18	0	52
Lane Group Flow (vph)	8	532	0	12	855	0	0	55	29	0	70	0
Turn Type	pm+pt			pm+pt			Perm		pm+ov	Perm		
Protected Phases	5	2		1	6			4	1		8	
Permitted Phases	2			6			4		4	8		
Detector Phases	5	2		1	6		4	4	1	8	8	
Minimum Initial (s)	4.0	4.0		4.0	4.0		4.0	4.0	4.0	4.0	4.0	
Minimum Split (s)	9.0	21.0		9.0	21.0		21.0	21.0	9.0	21.0	21.0	
Total Split (s)	15.0	53.0	0.0	15.0	53.0	0.0	22.0	22.0	15.0	22.0	22.0	0.0
Total Split (%)	16.7%	58.9%	0.0%	16.7%	58.9%	0.0%	24.4%	24.4%	16.7%	24.4%	24.4%	0.0%
Maximum Green (s)	10.0	48.0		10.0	48.0		17.0	17.0	10.0	17.0	17.0	
Yellow Time (s)	3.0	3.0		3.0	3.0		3.0	3.0	3.0	3.0	3.0	
All-Red Time (s)	2.0	2.0		2.0	2.0		2.0	2.0	2.0	2.0	2.0	
Lead/Lag	Lead	Lag		Lead	Lag				Lead			
Lead-Lag Optimize?	Yes	Yes		Yes	Yes				Yes			
Vehicle Extension (s)	3.0	3.0		3.0	3.0		3.0	3.0	3.0	3.0	3.0	
Recall Mode	None	Max		None	Max		None	None	None	None	None	
Walk Time (s)		5.0			5.0		5.0	5.0		5.0	5.0	
Flash Dont Walk (s)		11.0			11.0		11.0	11.0		11.0	11.0	
Pedestrian Calls (#/hr)		0			0		0	0		0	0	
Act Effct Green (s)	68.8	64.9		71.0	69.8			10.6	19.4		10.5	
Actuated g/C Ratio	0.71	0.73		0.77	0.79			0.12	0.21		0.12	
v/c Ratio	0.03	0.40		0.02	0.59			0.36	0.09		0.28	
Control Delay	4.1	7.6		2.7	8.0			37.1	8.7		15.4	
Queue Delay	0.0	0.0		0.0	0.0			0.0	0.0		0.0	
Total Delay	4.1	7.6		2.7	8.0			37.1	8.7		15.4	

Lane Group	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
LOS	A	A		A	A		D	A			B	
Approach Delay		7.6			8.0		27.3				15.4	
Approach LOS		A			A		C				B	
Queue Length 50th (ft)	1	116		1	128		25	0			8	
Queue Length 95th (ft)	4	215		5	452		58	18			42	
Internal Link Dist (ft)		481			522		215				290	
Turn Bay Length (ft)	115			430					75			
Base Capacity (vph)	311	1319		583	1460		245	342			377	
Starvation Cap Reductn	0	0		0	0		0	0			0	
Spillback Cap Reductn	0	0		0	0		0	0			0	
Storage Cap Reductn	0	0		0	0		0	0			0	
Reduced v/c Ratio	0.03	0.40		0.02	0.59		0.22	0.08			0.19	

Area Type: Other
Cycle Length: 90
Actuated Cycle Length: 88.6
Natural Cycle: 70
Control Type: Actuated-Uncoordinated
Maximum v/c Ratio: 0.59
Intersection Signal Delay: 9.2 Intersection LOS: A
Intersection Capacity Utilization 58.9% ICU Level of Service B
Analysis Period (min) 15

Splits and Phases: 14: U.S. Route 202 & Balsam Road



Lane Group	NBL	NBT	SBT	SBR	NEL	NER
Lane Configurations		↑	↱			
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900
Turning Speed (mph)	15			9	15	9
Lane Util. Factor	1.00	1.00	1.00	1.00	1.00	1.00
Frt			0.987			
Flt Protected						
Satd. Flow (prot)	0	1863	1839	0	0	0
Flt Permitted						
Satd. Flow (perm)	0	1863	1839	0	0	0
Headway Factor	1.00	1.00	1.00	1.00	1.00	1.00
Link Speed (mph)		30	30		30	
Link Distance (ft)		175	345		567	
Travel Time (s)		4.0	7.8		12.9	
Volume (vph)	0	434	724	79	0	0
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92
Adj. Flow (vph)	0	472	787	86	0	0
Lane Group Flow (vph)	0	472	873	0	0	0
Sign Control		Free	Free		Free	

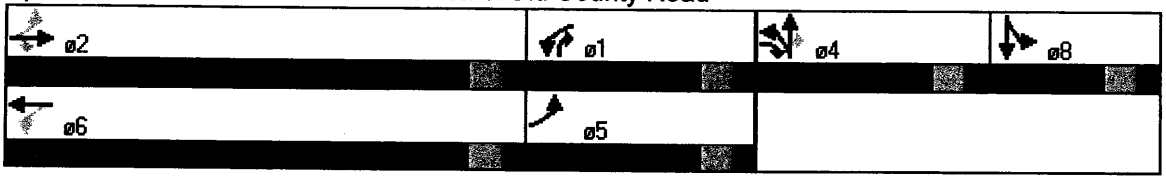
Area Type: Other
Control Type: Unsignalized
Intersection Capacity Utilization 46.2% ICU Level of Service A
Analysis Period (min) 15

Lane Group	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Storage Length (ft)	50		0	150		0	0		0	0		0
Storage Lanes	1		1	1		0	1		1	0		0
Total Lost Time (s)	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Leading Detector (ft)	50	50	50	50	50		50	50	50	50	50	
Trailing Detector (ft)	0	0	0	0	0		0	0	0	0	0	
Turning Speed (mph)	15		9	15		9	15		9	15		9
Lane Util. Factor	1.00	1.00	1.00	1.00	1.00	1.00	0.95	0.95	1.00	1.00	1.00	1.00
Frt			0.850						0.850		0.893	
Flt Protected	0.950			0.950			0.950	0.955			0.995	
Satd. Flow (prot)	1770	1863	1583	1770	1863	0	1681	1690	1583	0	1655	0
Flt Permitted	0.134			0.098			0.950	0.955			0.995	
Satd. Flow (perm)	250	1863	1583	183	1863	0	1681	1690	1583	0	1655	0
Right Turn on Red			Yes			Yes			Yes			Yes
Satd. Flow (RTOR)			387						277		39	
Headway Factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Link Speed (mph)		30			30			30			30	
Link Distance (ft)		354			1113			271			367	
Travel Time (s)		8.0			25.3			6.2			8.3	
Volume (vph)	11	735	368	197	600	2	388	11	504	5	5	37
Peak Hour Factor	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95
Adj. Flow (vph)	12	774	387	207	632	2	408	12	531	5	5	39
Lane Group Flow (vph)	12	774	387	207	634	0	205	215	531	0	49	0
Turn Type	pm+pt		pm+ov	pm+pt			Split		pm+ov	Split		
Protected Phases	5	2	4	1	6		4	4	1	8	8	
Permitted Phases	2		2	6					4			
Detector Phases	5	2	4	1	6		4	4	1	8	8	
Minimum Initial (s)	4.0	4.0	4.0	4.0	4.0		4.0	4.0	4.0	4.0	4.0	
Minimum Split (s)	9.0	21.0	20.0	9.0	21.0		20.0	20.0	9.0	15.0	15.0	
Total Split (s)	20.0	45.0	20.0	20.0	45.0	0.0	20.0	20.0	20.0	15.0	15.0	0.0
Total Split (%)	20.0%	45.0%	20.0%	20.0%	45.0%	0.0%	20.0%	20.0%	20.0%	15.0%	15.0%	0.0%
Maximum Green (s)	15.0	40.0	15.0	15.0	40.0		15.0	15.0	15.0	10.0	10.0	
Yellow Time (s)	3.0	3.0	3.0	3.0	3.0		3.0	3.0	3.0	3.0	3.0	
All-Red Time (s)	2.0	2.0	2.0	2.0	2.0		2.0	2.0	2.0	2.0	2.0	
Lead/Lag	Lag	Lead		Lag	Lead				Lag			
Lead-Lag Optimize?	Yes	Yes		Yes	Yes				Yes			
Vehicle Extension (s)	3.0	3.0	3.0	3.0	3.0		3.0	3.0	3.0	3.0	3.0	
Recall Mode	None	C-Max	None	None	C-Max		None	None	None	None	None	
Walk Time (s)		5.0			5.0							
Flash Dont Walk (s)		11.0			11.0							
Pedestrian Calls (#/hr)		0			0							
Act Effct Green (s)	58.3	49.9	67.1	68.1	64.9		15.6	15.6	34.6		7.7	
Actuated g/C Ratio	0.58	0.50	0.67	0.68	0.65		0.16	0.16	0.35		0.08	
v/c Ratio	0.04	0.83	0.33	0.57	0.52		0.78	0.81	0.73		0.30	
Control Delay	8.1	26.6	0.8	31.7	15.2		61.8	65.4	19.5		22.6	
Queue Delay	0.0	14.3	0.2	0.5	0.0		1.9	3.0	19.9		0.0	
Total Delay	8.1	40.9	1.0	32.1	15.2		63.7	68.4	39.4		22.6	
LOS	A	D	A	C	B		E	E	D		C	

Lane Group	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Approach Delay		27.4			19.3			51.2			22.6	
Approach LOS		C			B			D			C	
Queue Length 50th (ft)	3	424	0	58	194		133	140	137		6	
Queue Length 95th (ft)	m4	#741	14	142	#542		#248	#265	266		41	
Internal Link Dist (ft)		274			1033			191			287	
Turn Bay Length (ft)	50			150								
Base Capacity (vph)	408	929	1185	380	1208		269	270	729		217	
Starvation Cap Reductn	0	153	226	0	0		14	16	199		0	
Spillback Cap Reductn	0	0	36	28	0		0	0	0		8	
Storage Cap Reductn	0	0	0	0	0		0	0	0		0	
Reduced v/c Ratio	0.03	1.00	0.40	0.59	0.52		0.80	0.85	1.00		0.23	

Intersection Summary
Area Type: Other
Cycle Length: 100
Actuated Cycle Length: 100
Offset: 0 (0%), Referenced to phase 2:EBTL and 6:WBTL, Start of Green, Master Intersection
Natural Cycle: 90
Control Type: Actuated-Coordinated
Maximum v/c Ratio: 0.83
Intersection Signal Delay: 32.6 Intersection LOS: C
Intersection Capacity Utilization 83.2% ICU Level of Service E
Analysis Period (min) 15
95th percentile volume exceeds capacity, queue may be longer.
Queue shown is maximum after two cycles.
m Volume for 95th percentile queue is metered by upstream signal.

Splits and Phases: 1: U.S. Route 202 & Old County Road



Lane Group	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Storage Length (ft)	630		0	115		0	0		0	0		0
Storage Lanes	1		0	1		1	0		1	1		1
Total Lost Time (s)	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Leading Detector (ft)	50	50			50	50			50	50		50
Trailing Detector (ft)	0	0			0	0			0	0		0
Turning Speed (mph)	15		9	15		9	15		9	15		9
Lane Util. Factor	1.00	1.00	1.00	1.00	0.95	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Frt		0.999				0.850			0.865			0.850
Flt Protected	0.950									0.950		
Satd. Flow (prot)	1770	1861	0	0	3539	1583	0	0	1611	1770	0	1583
Flt Permitted	0.250									0.950		
Satd. Flow (perm)	466	1861	0	0	3539	1583	0	0	1611	1770	0	1583
Right Turn on Red			Yes			Yes			Yes			Yes
Satd. Flow (RTOR)		1				291			182			87
Headway Factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Link Speed (mph)		30			30			30			30	
Link Distance (ft)		861			354			89			606	
Travel Time (s)		19.6			8.0			2.0			13.8	
Volume (vph)	297	790	5	0	740	286	0	0	16	308	0	893
Peak Hour Factor	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95
Adj. Flow (vph)	313	832	5	0	779	301	0	0	17	324	0	940
Lane Group Flow (vph)	313	837	0	0	779	301	0	0	17	324	0	940
Turn Type	pm+pt					Free			custom	custom		custom
Protected Phases	5	2			6							8
Permitted Phases	2					Free			4	8		5
Detector Phases	5	2			6				4	8		8
Minimum Initial (s)	4.0	4.0			4.0				4.0	4.0		4.0
Minimum Split (s)	9.0	21.0			21.0				9.0	21.0		21.0
Total Split (s)	20.0	65.0	0.0	0.0	45.0	0.0	0.0	0.0	35.0	35.0	0.0	35.0
Total Split (%)	20.0%	65.0%	0.0%	0.0%	45.0%	0.0%	0.0%	0.0%	35.0%	35.0%	0.0%	35.0%
Maximum Green (s)	15.0	60.0			40.0				30.0	30.0		30.0
Yellow Time (s)	3.0	3.0			3.0				3.0	3.0		3.0
All-Red Time (s)	2.0	2.0			2.0				2.0	2.0		2.0
Lead/Lag	Lag				Lead							
Lead-Lag Optimize?	Yes				Yes							
Vehicle Extension (s)	3.0	3.0			3.0				3.0	3.0		3.0
Recall Mode	None	C-Max			C-Max				None	Max		Max
Walk Time (s)		5.0			5.0					5.0		5.0
Flash Dont Walk (s)		11.0			11.0					11.0		11.0
Pedestrian Calls (#/hr)		0			0					0		0
Act Effct Green (s)	61.0	61.0			41.0	100.0			11.4	31.0		51.0
Actuated g/C Ratio	0.61	0.61			0.41	1.00			0.11	0.31		0.51
v/c Ratio	0.63	0.74			0.54	0.19			0.05	0.59		1.11
Control Delay	22.0	13.7			20.7	0.2			0.2	26.7		77.1
Queue Delay	0.6	1.5			1.5	0.0			0.0	0.4		1.6
Total Delay	22.6	15.2			22.2	0.2			0.2	27.2		78.7
LOS	C	B			C	A			A	C		E

Lane Group	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Approach Delay		17.2			16.1							
Approach LOS		B			B							
Queue Length 50th (ft)	72	268			178	0			0	154		~669
Queue Length 95th (ft)	m111	348			229	m0			0	m216		m#854
Internal Link Dist (ft)		781			274			9			526	
Turn Bay Length (ft)	630											
Base Capacity (vph)	493	1136			1451	1583			625	549		850
Starvation Cap Reductn	0	0			455	0			0	0		3
Spillback Cap Reductn	32	144			0	69			52	40		0
Storage Cap Reductn	0	0			0	0			0	0		0
Reduced v/c Ratio	0.68	0.84			0.78	0.20			0.03	0.64		1.11

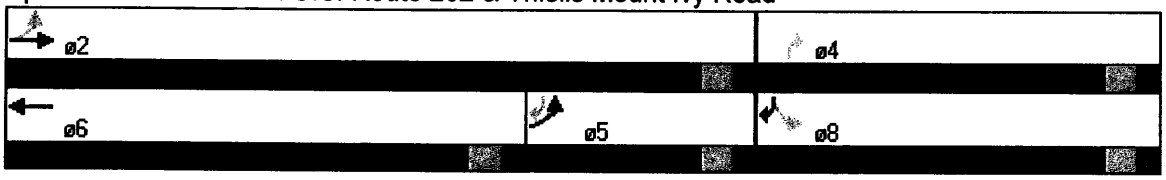
Area Type: Other
Cycle Length: 100
Actuated Cycle Length: 100
Offset: 90 (90%), Referenced to phase 2:EBTL and 6:WBT, Start of Green
Natural Cycle: 90
Control Type: Actuated-Coordinated
Maximum v/c Ratio: 1.11
Intersection Signal Delay: 34.2 Intersection LOS: C
Intersection Capacity Utilization 82.4% ICU Level of Service E
Analysis Period (min) 15

~ Volume exceeds capacity, queue is theoretically infinite.
Queue shown is maximum after two cycles.

95th percentile volume exceeds capacity, queue may be longer.
Queue shown is maximum after two cycles.

m Volume for 95th percentile queue is metered by upstream signal.

Splits and Phases: 2: U.S. Route 202 & Thiells Mount Ivy Road



Lane Group	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Storage Length (ft)	125		0	60		0	0		0	0		0
Storage Lanes	1		0	1		1	0		0	0		1
Total Lost Time (s)	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Leading Detector (ft)	50	50		50	50	50	50	50		50	50	50
Trailing Detector (ft)	0	0		0	0	0	0	0		0	0	0
Turning Speed (mph)	15		9	15		9	15		9	15		9
Lane Util. Factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Frt		0.999				0.850		0.955				0.850
Flt Protected	0.950			0.950				0.984			0.954	
Satd. Flow (prot)	1770	1861	0	1770	1863	1583	0	1750	0	0	1777	1583
Flt Permitted	0.080			0.105				0.919			0.721	
Satd. Flow (perm)	149	1861	0	196	1863	1583	0	1635	0	0	1343	1583
Right Turn on Red			Yes			Yes			Yes			Yes
Satd. Flow (RTOR)		1				212		5				191
Headway Factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Link Speed (mph)		30			30			30			30	
Link Distance (ft)		584			861			109			648	
Travel Time (s)		13.3			19.6			2.5			14.7	
Volume (vph)	386	922	5	16	1054	563	5	5	5	165	5	181
Peak Hour Factor	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95
Adj. Flow (vph)	406	971	5	17	1109	593	5	5	5	174	5	191
Lane Group Flow (vph)	406	976	0	17	1109	593	0	15	0	0	179	191
Turn Type	pm+pt			Perm		Free	Perm			Perm		Free
Protected Phases	5	2			6			4			8	
Permitted Phases	2			6		Free	4			8		Free
Detector Phases	5	2		6	6		4	4		8	8	
Minimum Initial (s)	4.0	4.0		4.0	4.0		4.0	4.0		4.0	4.0	
Minimum Split (s)	9.0	21.0		21.0	21.0		21.0	21.0		21.0	21.0	
Total Split (s)	25.0	75.0	0.0	50.0	50.0	0.0	25.0	25.0	0.0	25.0	25.0	0.0
Total Split (%)	25.0%	75.0%	0.0%	50.0%	50.0%	0.0%	25.0%	25.0%	0.0%	25.0%	25.0%	0.0%
Maximum Green (s)	20.0	70.0		45.0	45.0		20.0	20.0		20.0	20.0	
Yellow Time (s)	3.0	3.0		3.0	3.0		3.0	3.0		3.0	3.0	
All-Red Time (s)	2.0	2.0		2.0	2.0		2.0	2.0		2.0	2.0	
Lead/Lag	Lag			Lead	Lead							
Lead-Lag Optimize?	Yes			Yes	Yes							
Vehicle Extension (s)	3.0	3.0		3.0	3.0		3.0	3.0		3.0	3.0	
Recall Mode	None	C-Max		C-Max	C-Max		None	None		None	None	
Walk Time (s)		5.0		5.0	5.0		5.0	5.0		5.0	5.0	
Flash Dont Walk (s)		11.0		11.0	11.0		11.0	11.0		11.0	11.0	
Pedestrian Calls (#/hr)		0		0	0		0	0		0	0	
Act Effct Green (s)	74.0	74.0		49.0	49.0	100.0		18.0			18.0	100.0
Actuated g/C Ratio	0.74	0.74		0.49	0.49	1.00		0.18			0.18	1.00
v/c Ratio	0.90	0.71		0.18	1.21	0.37		0.05			0.74	0.12
Control Delay	48.2	6.9		22.4	130.8	0.3		25.7			50.5	0.1
Queue Delay	9.2	0.0		0.0	0.0	0.0		0.0			0.0	0.0
Total Delay	57.4	6.9		22.4	130.8	0.4		25.7			50.5	0.1
LOS	E	A		C	F	A		C			D	A

Lane Group	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Approach Delay		21.7			84.7			25.7			24.5	
Approach LOS		C			F			C			C	
Queue Length 50th (ft)	210	231		6	~916	0		5		68		0
Queue Length 95th (ft)	#379	290		m8	m#951	m0		22		m115		m0
Internal Link Dist (ft)		504			781			29		568		
Turn Bay Length (ft)	125			60								
Base Capacity (vph)	451	1378		96	913	1583		347		282		1583
Starvation Cap Reductn	0	0		0	0	0		0		0		0
Spillback Cap Reductn	33	0		0	0	41		0		0		0
Storage Cap Reductn	0	0		0	0	0		0		0		0
Reduced v/c Ratio	0.97	0.71		0.18	1.21	0.38		0.04		0.63		0.12

Intersection Summary

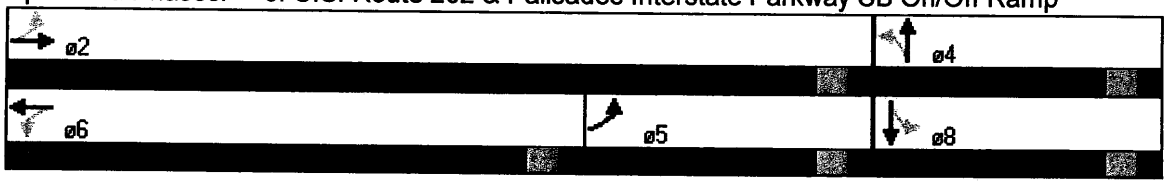
Area Type: Other
Cycle Length: 100
Actuated Cycle Length: 100
Offset: 60 (60%), Referenced to phase 2:EBTL and 6:WBTL, Start of Green
Natural Cycle: 130
Control Type: Actuated-Coordinated
Maximum v/c Ratio: 1.21
Intersection Signal Delay: 53.1 Intersection LOS: D
Intersection Capacity Utilization 102.9% ICU Level of Service G
Analysis Period (min) 15

~ Volume exceeds capacity, queue is theoretically infinite.
Queue shown is maximum after two cycles.

95th percentile volume exceeds capacity, queue may be longer.
Queue shown is maximum after two cycles.

m Volume for 95th percentile queue is metered by upstream signal.

Splits and Phases: 3: U.S. Route 202 & Palisades Interstate Parkway SB On/Off Ramp

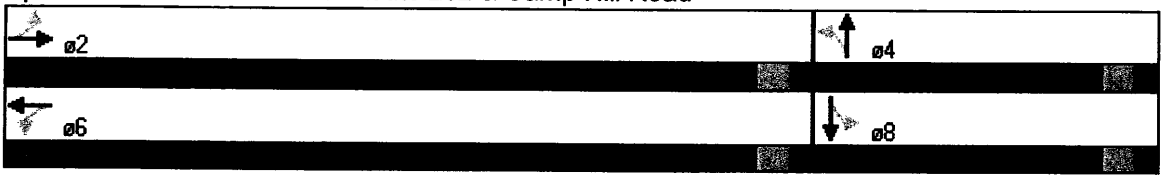


Lane Group	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations		↕			↕			↕			↕	
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Total Lost Time (s)	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Leading Detector (ft)	50	50		50	50		50	50		50	50	
Trailing Detector (ft)	0	0		0	0		0	0		0	0	
Turning Speed (mph)	15		9	15		9	15		9	15		9
Lane Util. Factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Frt		0.998			0.979			0.895			0.963	
Flt Protected		0.997			0.996			0.998			0.970	
Satd. Flow (prot)	0	1845	0	0	1790	0	0	1602	0	0	1613	0
Flt Permitted		0.918			0.860			0.992			0.692	
Satd. Flow (perm)	0	1699	0	0	1545	0	0	1592	0	0	1151	0
Right Turn on Red			Yes			Yes			Yes			Yes
Satd. Flow (RTOR)		1			20			114			19	
Headway Factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Link Speed (mph)		30			30			30			30	
Link Distance (ft)		1043			2079			480			458	
Travel Time (s)		23.7			47.3			10.9			10.4	
Volume (vph)	42	776	11	85	705	146	5	27	108	91	16	41
Peak Hour Factor	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95
Heavy Vehicles (%)	10%	2%	5%	5%	2%	10%	5%	10%	5%	10%	10%	10%
Adj. Flow (vph)	44	817	12	89	742	154	5	28	114	96	17	43
Lane Group Flow (vph)	0	873	0	0	985	0	0	147	0	0	156	0
Turn Type	Perm			Perm			Perm			Perm		
Protected Phases		2			6			4			8	
Permitted Phases	2			6			4			8		
Detector Phases	2	2		6	6		4	4		8	8	
Minimum Initial (s)	4.0	4.0		4.0	4.0		4.0	4.0		4.0	4.0	
Minimum Split (s)	21.0	21.0		21.0	21.0		21.0	21.0		21.0	21.0	
Total Split (s)	70.0	70.0	0.0	70.0	70.0	0.0	30.0	30.0	0.0	30.0	30.0	0.0
Total Split (%)	70.0%	70.0%	0.0%	70.0%	70.0%	0.0%	30.0%	30.0%	0.0%	30.0%	30.0%	0.0%
Maximum Green (s)	65.0	65.0		65.0	65.0		25.0	25.0		25.0	25.0	
Yellow Time (s)	3.0	3.0		3.0	3.0		3.0	3.0		3.0	3.0	
All-Red Time (s)	2.0	2.0		2.0	2.0		2.0	2.0		2.0	2.0	
Lead/Lag												
Lead-Lag Optimize?												
Vehicle Extension (s)	3.0	3.0		3.0	3.0		3.0	3.0		3.0	3.0	
Recall Mode	Min	Min		Min	Min		None	None		None	None	
Walk Time (s)	5.0	5.0		5.0	5.0		5.0	5.0		5.0	5.0	
Flash Dont Walk (s)	11.0	11.0		11.0	11.0		11.0	11.0		11.0	11.0	
Pedestrian Calls (#/hr)	0	0		0	0		0	0		0	0	
Act Effct Green (s)		62.9			62.9			16.3			16.3	
Actuated g/C Ratio		0.72			0.72			0.19			0.19	
v/c Ratio		0.71			0.88			0.38			0.68	
Control Delay		12.7			22.6			12.5			43.6	
Queue Delay		0.0			0.0			0.0			0.0	
Total Delay		12.7			22.6			12.5			43.6	
LOS		B			C			B			D	
Approach Delay		12.7			22.6			12.5			43.6	

Lane Group	EBL	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBR
Approach LOS		B		C			B			D
Queue Length 50th (ft)		238		351			16			74
Queue Length 95th (ft)		533		#870			65			139
Internal Link Dist (ft)		963		1999			400			378
Turn Bay Length (ft)										
Base Capacity (vph)		1241		1134			513			325
Starvation Cap Reductn		0		0			0			0
Spillback Cap Reductn		0		0			0			0
Storage Cap Reductn		0		0			0			0
Reduced v/c Ratio		0.70		0.87			0.29			0.48

Area Type: Other
Cycle Length: 100
Actuated Cycle Length: 87.3
Natural Cycle: 90
Control Type: Actuated-Uncoordinated
Maximum v/c Ratio: 0.88
Intersection Signal Delay: 19.4 Intersection LOS: B
Intersection Capacity Utilization 103.0% ICU Level of Service G
Analysis Period (min) 15
95th percentile volume exceeds capacity, queue may be longer.
Queue shown is maximum after two cycles.

Splits and Phases: 4: U.S. Route 202 & Camp Hill Road



Lane Group	EBL	EBR	NBL	NBT	SBT	SBR
Lane Configurations						
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900
Storage Length (ft)	0	50	0			0
Storage Lanes	1	1	0			0
Total Lost Time (s)	4.0	4.0	4.0	4.0	4.0	4.0
Leading Detector (ft)	50	50		50	50	
Trailing Detector (ft)	0	0		0	0	
Turning Speed (mph)	15	9	15			9
Lane Util. Factor	1.00	1.00	1.00	1.00	1.00	1.00
Frt		0.850				
Flt Protected	0.950					
Satd. Flow (prot)	1770	1583	0	1863	1863	0
Flt Permitted	0.950					
Satd. Flow (perm)	1770	1583	0	1863	1863	0
Right Turn on Red		Yes				Yes
Satd. Flow (RTOR)		201				
Headway Factor	1.00	1.00	1.00	1.00	1.00	1.00
Link Speed (mph)	30			30	30	
Link Distance (ft)	336			606	245	
Travel Time (s)	7.6			13.8	5.6	
Volume (vph)	371	595	0	583	606	0
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92
Adj. Flow (vph)	403	647	0	634	659	0
Lane Group Flow (vph)	403	647	0	634	659	0
Turn Type		Perm				
Protected Phases	4			2	6	
Permitted Phases		4				
Detector Phases	4	4		2	6	
Minimum Initial (s)	4.0	4.0		4.0	4.0	
Minimum Split (s)	21.0	21.0		21.0	21.0	
Total Split (s)	45.0	45.0	0.0	55.0	55.0	0.0
Total Split (%)	45.0%	45.0%	0.0%	55.0%	55.0%	0.0%
Maximum Green (s)	40.0	40.0		50.0	50.0	
Yellow Time (s)	3.0	3.0		3.0	3.0	
All-Red Time (s)	2.0	2.0		2.0	2.0	
Lead/Lag						
Lead-Lag Optimize?						
Vehicle Extension (s)	3.0	3.0		3.0	3.0	
Recall Mode	Max	Max		C-Min	C-Min	
Walk Time (s)	5.0	5.0		5.0	5.0	
Flash Dont Walk (s)	11.0	11.0		11.0	11.0	
Pedestrian Calls (#/hr)	0	0		0	0	
Act Effct Green (s)	52.2	52.2		39.8	39.8	
Actuated g/C Ratio	0.52	0.52		0.40	0.40	
v/c Ratio	0.44	0.70		0.85	0.89	
Control Delay	18.8	19.1		35.5	42.0	
Queue Delay	0.0	0.1		0.3	1.5	
Total Delay	18.8	19.2		35.7	43.5	
LOS	B	B		D	D	

Lane Group	EBL	EBR	NBL	NBT	SBT	SBR
Approach Delay	19.0		35.7	43.5		
Approach LOS	B		D	D		
Queue Length 50th (ft)	153	207	411	382		
Queue Length 95th (ft)	287	#485	548	439		
Internal Link Dist (ft)	256		526	165		
Turn Bay Length (ft)		50				
Base Capacity (vph)	923	922	950	950		
Starvation Cap Reductn	0	0	45	0		
Spillback Cap Reductn	0	15	0	137		
Storage Cap Reductn	0	0	0	0		
Reduced v/c Ratio	0.44	0.71	0.70	0.81		

Area Type: Other
Cycle Length: 100
Actuated Cycle Length: 100
Offset: 32 (32%), Referenced to phase 2:NBT and 6:SBT, Start of Green
Natural Cycle: 60
Control Type: Actuated-Coordinated
Maximum v/c Ratio: 0.89
Intersection Signal Delay: 30.4 Intersection LOS: C
Intersection Capacity Utilization 75.4% ICU Level of Service D
Analysis Period (min) 15
95th percentile volume exceeds capacity, queue may be longer.
Queue shown is maximum after two cycles.

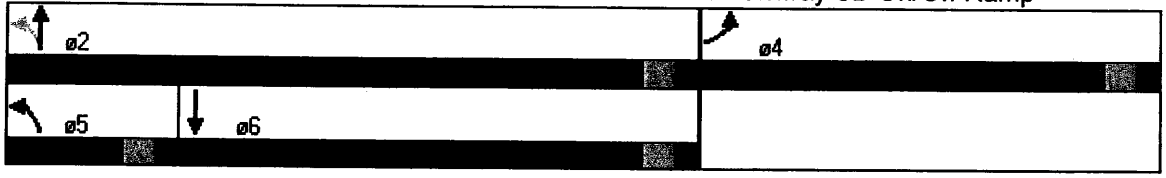
Splits and Phases: 5: Palisades Interstate Parkway NB Off Ramp & Thiells Mount Ivy Road

Lane Group	EBL	EBR	NBL	NBT	SBT	SBR
Lane Configurations						
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900
Storage Length (ft)	0	0	100			0
Storage Lanes	1	0	1			0
Total Lost Time (s)	4.0	4.0	4.0	4.0	4.0	4.0
Leading Detector (ft)	50		50	50	50	
Trailing Detector (ft)	0		0	0	0	
Turning Speed (mph)	15	9	15			9
Lane Util. Factor	1.00	1.00	1.00	1.00	1.00	1.00
Frt	0.931				0.997	
Flt Protected	0.976		0.950			
Satd. Flow (prot)	1693	0	1770	1863	1857	0
Flt Permitted	0.976		0.482			
Satd. Flow (perm)	1693	0	898	1863	1857	0
Right Turn on Red		Yes				Yes
Satd. Flow (RTOR)	58				1	
Headway Factor	1.00	1.00	1.00	1.00	1.00	1.00
Link Speed (mph)	30			30	30	
Link Distance (ft)	380			648	183	
Travel Time (s)	8.6			14.7	4.2	
Volume (vph)	127	132	206	748	220	5
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92
Adj. Flow (vph)	138	143	224	813	239	5
Lane Group Flow (vph)	281	0	224	813	244	0
Turn Type			pm+pt			
Protected Phases	4		5	2	6	
Permitted Phases			2			
Detector Phases	4		5	2	6	
Minimum Initial (s)	4.0		4.0	4.0	4.0	
Minimum Split (s)	21.0		15.0	21.0	21.0	
Total Split (s)	40.0	0.0	15.0	60.0	45.0	0.0
Total Split (%)	40.0%	0.0%	15.0%	60.0%	45.0%	0.0%
Maximum Green (s)	35.0		10.0	55.0	40.0	
Yellow Time (s)	3.0		3.0	3.0	3.0	
All-Red Time (s)	2.0		2.0	2.0	2.0	
Lead/Lag			Lead		Lag	
Lead-Lag Optimize?			Yes		Yes	
Vehicle Extension (s)	3.0		3.0	3.0	3.0	
Recall Mode	None		Max	C-Max	C-Max	
Walk Time (s)	5.0			5.0	5.0	
Flash Dont Walk (s)	11.0			11.0	11.0	
Pedestrian Calls (#/hr)	0			0	0	
Act Effct Green (s)	18.7		73.3	73.3	41.0	
Actuated g/C Ratio	0.19		0.73	0.73	0.41	
v/c Ratio	0.77		0.25	0.60	0.32	
Control Delay	44.2		4.0	8.0	21.4	
Queue Delay	0.0		0.0	0.6	0.0	
Total Delay	44.2		4.0	8.5	21.4	
LOS	D		A	A	C	

Approach Delay	44.2		7.6	21.4	
Approach LOS	D		A	C	
Queue Length 50th (ft)	137	26	128	103	
Queue Length 95th (ft)	208	m50	m222	163	
Internal Link Dist (ft)	300		568	103	
Turn Bay Length (ft)		100			
Base Capacity (vph)	647	904	1365	762	
Starvation Cap Reductn	0	0	218	0	
Spillback Cap Reductn	0	0	0	0	
Storage Cap Reductn	0	0	0	0	
Reduced v/c Ratio	0.43	0.25	0.71	0.32	

Area Type: Other
Cycle Length: 100
Actuated Cycle Length: 100
Offset: 30 (30%), Referenced to phase 2:NBTL and 6:SBT, Start of Green
Natural Cycle: 60
Control Type: Actuated-Coordinated
Maximum v/c Ratio: 0.77
Intersection Signal Delay: 16.3 Intersection LOS: B
Intersection Capacity Utilization 61.2% ICU Level of Service B
Analysis Period (min) 15
m Volume for 95th percentile queue is metered by upstream signal.

Splits and Phases: 6: Quaker Road & Palisades Interstate Parkway SB On/Off Ramp

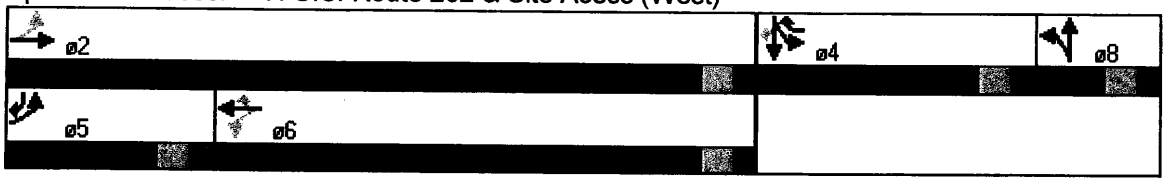


Lane Group	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Lane Width (ft)	12	12	12	12	12	12	12	15	12	12	12	12
Storage Length (ft)	150		150	150		150	0		0	0		0
Storage Lanes	1		1	1		1	0		0	1		1
Total Lost Time (s)	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Leading Detector (ft)	50	50		50	50	50	50	50		50	50	50
Trailing Detector (ft)	0	0		0	0	0	0	0		0	0	0
Turning Speed (mph)	15		9	15		9	15		9	15		9
Lane Util. Factor	1.00	0.95	0.95	1.00	1.00	1.00	1.00	1.00	1.00	0.95	0.95	1.00
Frt		0.999				0.850		0.924				0.850
Flt Protected	0.950			0.950				0.978		0.950	0.950	
Satd. Flow (prot)	1770	3536	0	1770	1863	1583	0	1852	0	1681	1681	1583
Flt Permitted	0.085			0.310				0.978		0.950	0.950	
Satd. Flow (perm)	158	3536	0	577	1863	1583	0	1852	0	1681	1681	1583
Right Turn on Red			Yes			Yes			Yes			Yes
Satd. Flow (RTOR)		1				420		28				176
Headway Factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.88	1.00	1.00	1.00	1.00
Link Speed (mph)		30			30			30			30	
Link Distance (ft)		888			257			88			206	
Travel Time (s)		20.2			5.8			2.0			4.7	
Volume (vph)	274	869	5	21	748	411	21	0	27	407	0	287
Peak Hour Factor	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95
Adj. Flow (vph)	288	915	5	22	787	433	22	0	28	428	0	302
Lane Group Flow (vph)	288	920	0	22	787	433	0	50	0	214	214	302
Turn Type	pm+pt			Perm		pm+ov	Split			Split		pm+ov
Protected Phases	5	2			6	4	8	8		4	4	5
Permitted Phases	2			6		6						4
Detector Phases	5	2		6	6	4	8	8		4	4	5
Minimum Initial (s)	4.0	4.0		4.0	4.0	4.0	4.0	4.0		4.0	4.0	4.0
Minimum Split (s)	9.0	21.0		21.0	21.0	17.0	11.0	11.0		17.0	17.0	9.0
Total Split (s)	18.0	65.0	0.0	47.0	47.0	24.0	11.0	11.0	0.0	24.0	24.0	18.0
Total Split (%)	18.0%	65.0%	0.0%	47.0%	47.0%	24.0%	11.0%	11.0%	0.0%	24.0%	24.0%	18.0%
Maximum Green (s)	13.0	60.0		42.0	42.0	19.0	6.0	6.0		19.0	19.0	13.0
Yellow Time (s)	3.0	3.0		3.0	3.0	3.0	3.0	3.0		3.0	3.0	3.0
All-Red Time (s)	2.0	2.0		2.0	2.0	2.0	2.0	2.0		2.0	2.0	2.0
Lead/Lag	Lead			Lag	Lag							Lead
Lead-Lag Optimize?	Yes			Yes	Yes							Yes
Vehicle Extension (s)	3.0	3.0		3.0	3.0	3.0	3.0	3.0		3.0	3.0	3.0
Recall Mode	None	C-Max		C-Max	C-Max	None	None	None		None	None	None
Walk Time (s)		5.0		5.0	5.0							
Flash Dont Walk (s)		11.0		11.0	11.0							
Pedestrian Calls (#/hr)		0		0	0							
Act Effct Green (s)	66.0	66.0		47.8	47.8	69.0		6.9		17.2	17.2	32.2
Actuated g/C Ratio	0.66	0.66		0.48	0.48	0.69		0.07		0.17	0.17	0.32
v/c Ratio	0.86	0.39		0.08	0.88	0.35		0.32		0.74	0.74	0.48
Control Delay	40.7	5.1		2.1	9.8	0.2		30.4		54.6	54.6	9.6
Queue Delay	0.0	0.0		0.0	0.0	0.0		0.0		0.0	0.0	0.0
Total Delay	40.7	5.1		2.1	9.8	0.2		30.4		54.6	54.6	9.6

Lane Group	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
LOS	D	A	A	A	A	A	C	D	D	D	A	
Approach Delay		13.6			6.3		30.4			36.0		
Approach LOS		B			A		C			D		
Queue Length 50th (ft)	107	132	1	152	0		13	134	134	43		
Queue Length 95th (ft)	m#159	m142	m2	m105	m0		61	215	215	97		
Internal Link Dist (ft)		808		177			8		126			
Turn Bay Length (ft)	150		150		150							
Base Capacity (vph)	346	2333	275	890	1254		158	336	336	640		
Starvation Cap Reductn	0	0	0	0	0		0	0	0	0		
Spillback Cap Reductn	0	0	0	0	0		0	0	0	0		
Storage Cap Reductn	0	0	0	0	0		0	0	0	0		
Reduced v/c Ratio	0.83	0.39	0.08	0.88	0.35		0.32	0.64	0.64	0.47		

Area Type: Other
Cycle Length: 100
Actuated Cycle Length: 100
Offset: 86 (86%), Referenced to phase 2:EBTL and 6:WBTL, Start of Green
Natural Cycle: 90
Control Type: Actuated-Coordinated
Maximum v/c Ratio: 0.88
Intersection Signal Delay: 16.1 Intersection LOS: B
Intersection Capacity Utilization 82.5% ICU Level of Service E
Analysis Period (min) 15
\# 95th percentile volume exceeds capacity, queue may be longer.
Queue shown is maximum after two cycles.
m Volume for 95th percentile queue is metered by upstream signal.

Splits and Phases: 7: U.S. Route 202 & Site Acess (West)

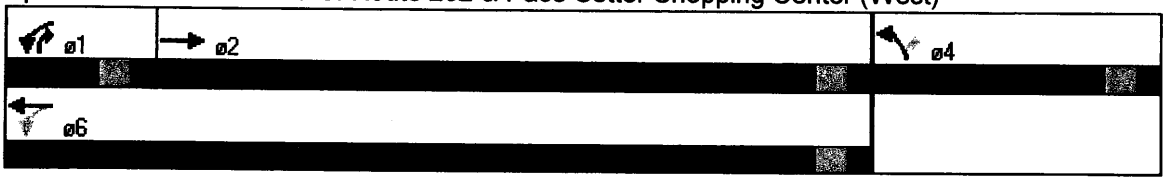


Lane Group	EBT	EBR	WBL	WBT	NBL	NBR
Lane Configurations	↑	↱	↰	↑	↰	↱
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900
Storage Length (ft)		325	100		0	0
Storage Lanes		1	1		1	1
Total Lost Time (s)	4.0	4.0	4.0	4.0	4.0	4.0
Leading Detector (ft)	50	50	50	50	50	50
Trailing Detector (ft)	0	0	0	0	0	0
Turning Speed (mph)		9	15		15	9
Lane Util. Factor	1.00	1.00	1.00	1.00	1.00	1.00
Frt		0.850				0.850
Flt Protected			0.950		0.950	
Satd. Flow (prot)	1863	1583	1770	1863	1770	1583
Flt Permitted			0.065		0.950	
Satd. Flow (perm)	1863	1583	121	1863	1770	1583
Right Turn on Red		Yes				Yes
Satd. Flow (RTOR)		57				109
Headway Factor	1.00	1.00	1.00	1.00	1.00	1.00
Link Speed (mph)	30			30	30	
Link Distance (ft)	2079			295	320	
Travel Time (s)	47.3			6.7	7.3	
Volume (vph)	943	106	231	825	138	104
Peak Hour Factor	0.95	0.95	0.95	0.95	0.95	0.95
Adj. Flow (vph)	993	112	243	868	145	109
Lane Group Flow (vph)	993	112	243	868	145	109
Turn Type		Free	pm+pt			pm+ov
Protected Phases	2		1	6	4	1
Permitted Phases		Free	6			4
Detector Phases	2		1	6	4	1
Minimum Initial (s)	4.0		4.0	4.0	4.0	4.0
Minimum Split (s)	21.0		9.0	21.0	21.0	9.0
Total Split (s)	62.0	0.0	13.0	75.0	25.0	13.0
Total Split (%)	62.0%	0.0%	13.0%	75.0%	25.0%	13.0%
Maximum Green (s)	57.0		8.0	70.0	20.0	8.0
Yellow Time (s)	3.0		3.0	3.0	3.0	3.0
All-Red Time (s)	2.0		2.0	2.0	2.0	2.0
Lead/Lag	Lag		Lead			Lead
Lead-Lag Optimize?	Yes		Yes			Yes
Vehicle Extension (s)	3.0		3.0	3.0	3.0	3.0
Recall Mode	C-Max		None	C-Max	Max	None
Walk Time (s)	5.0			5.0	5.0	
Flash Dont Walk (s)	11.0			11.0	11.0	
Pedestrian Calls (#/hr)	0			0	0	
Act Effct Green (s)	58.0	100.0	71.0	71.0	21.0	34.0
Actuated g/C Ratio	0.58	1.00	0.71	0.71	0.21	0.34
v/c Ratio	0.92	0.07	1.04	0.66	0.39	0.18
Control Delay	33.9	0.1	92.6	5.4	37.7	5.4
Queue Delay	0.0	0.0	0.0	0.0	0.0	0.0
Total Delay	33.9	0.1	92.6	5.4	37.7	5.4
LOS	C	A	F	A	D	A

Lane Group	EBT	EBR	WBL	WBT	NBL	NBR
Approach Delay	30.5			24.5	23.8	
Approach LOS	C			C	C	
Queue Length 50th (ft)	532	0	~102	54	80	0
Queue Length 95th (ft)	#845	0	m#186	m65	139	36
Internal Link Dist (ft)	1999			215	240	
Turn Bay Length (ft)		325	100			
Base Capacity (vph)	1081	1583	234	1323	372	610
Starvation Cap Reductn	0	0	0	0	0	0
Spillback Cap Reductn	0	0	0	0	0	0
Storage Cap Reductn	0	0	0	0	0	0
Reduced v/c Ratio	0.92	0.07	1.04	0.66	0.39	0.18

Intersection Summary
Area Type: Other
Cycle Length: 100
Actuated Cycle Length: 100
Offset: 24 (24%), Referenced to phase 2:EBT and 6:WBTL, Start of Green
Natural Cycle: 90
Control Type: Actuated-Coordinated
Maximum v/c Ratio: 1.04
Intersection Signal Delay: 27.1 Intersection LOS: C
Intersection Capacity Utilization 80.1% ICU Level of Service D
Analysis Period (min) 15
~ Volume exceeds capacity, queue is theoretically infinite.
Queue shown is maximum after two cycles.
95th percentile volume exceeds capacity, queue may be longer.
Queue shown is maximum after two cycles.
m Volume for 95th percentile queue is metered by upstream signal.

Splits and Phases: 8: U.S. Route 202 & Pace Setter Shopping Center (West)



Lane Group	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Storage Length (ft)	0		0	100		0	0		0	0		0
Storage Lanes	0		0	1		0	0		0	0		1
Turning Speed (mph)	15		9	15		9	15		9	15		9
Lane Util. Factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Frt		0.997			0.992			0.914				0.865
Flt Protected				0.950				0.982				
Satd. Flow (prot)	0	1857	0	1770	1848	0	0	1672	0	0	0	1611
Flt Permitted				0.950				0.982				
Satd. Flow (perm)	0	1857	0	1770	1848	0	0	1672	0	0	0	1611
Headway Factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Link Speed (mph)		30			30			30			30	
Link Distance (ft)		133			584			96			161	
Travel Time (s)		3.0			13.3			2.2			3.7	
Volume (vph)	0	1228	27	32	1145	64	21	0	37	0	0	15
Peak Hour Factor	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95
Adj. Flow (vph)	0	1293	28	34	1205	67	22	0	39	0	0	16
Lane Group Flow (vph)	0	1321	0	34	1272	0	0	61	0	0	0	16
Sign Control		Free			Free			Stop			Stop	

Intersection Summary

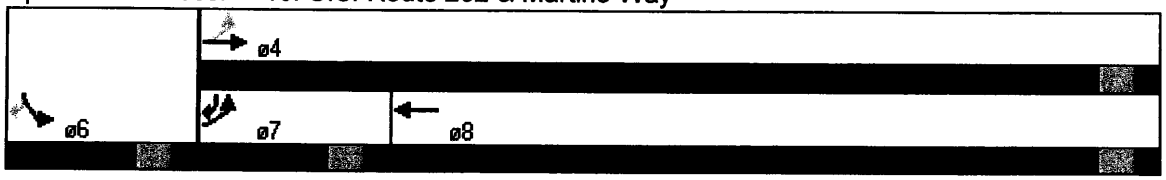
Area Type: Other
Control Type: Unsignalized
Intersection Capacity Utilization 80.9% ICU Level of Service D
Analysis Period (min) 15

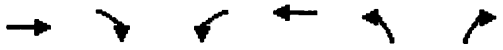
Lane Group	EBL	EBT	WBT	WBR	SBL	SBR
Lane Configurations						
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900
Storage Length (ft)	120			0	100	0
Storage Lanes	1			0	1	1
Total Lost Time (s)	4.0	4.0	4.0	4.0	4.0	4.0
Leading Detector (ft)	50	50	50		50	50
Trailing Detector (ft)	0	0	0		0	0
Turning Speed (mph)	15			9	15	9
Lane Util. Factor	1.00	1.00	1.00	1.00	1.00	1.00
Frt			0.996			0.850
Flt Protected	0.950				0.950	
Satd. Flow (prot)	1770	1863	1855	0	1770	1583
Flt Permitted	0.159				0.950	
Satd. Flow (perm)	296	1863	1855	0	1770	1583
Right Turn on Red				Yes		Yes
Satd. Flow (RTOR)			4			44
Headway Factor	1.00	1.00	1.00	1.00	1.00	1.00
Link Speed (mph)		30	30		30	
Link Distance (ft)		1621	750		397	
Travel Time (s)		36.8	17.0		9.0	
Volume (vph)	117	1281	802	27	16	42
Peak Hour Factor	0.95	0.95	0.95	0.95	0.95	0.95
Adj. Flow (vph)	123	1348	844	28	17	44
Lane Group Flow (vph)	123	1348	872	0	17	44
Turn Type	pm+pt					pm+ov
Protected Phases	7	4	8		6	7
Permitted Phases	4					6
Detector Phases	7	4	8		6	7
Minimum Initial (s)	4.0	4.0	4.0		4.0	4.0
Minimum Split (s)	9.0	21.0	21.0		15.0	9.0
Total Split (s)	15.0	75.0	60.0	0.0	15.0	15.0
Total Split (%)	16.7%	83.3%	66.7%	0.0%	16.7%	16.7%
Maximum Green (s)	10.0	70.0	55.0		10.0	10.0
Yellow Time (s)	3.0	3.0	3.0		3.0	3.0
All-Red Time (s)	2.0	2.0	2.0		2.0	2.0
Lead/Lag	Lead		Lag			Lead
Lead-Lag Optimize?	Yes		Yes			Yes
Vehicle Extension (s)	3.0	3.0	3.0		3.0	3.0
Recall Mode	None	None	None		Max	None
Walk Time (s)		5.0	5.0			
Flash Dont Walk (s)		11.0	11.0			
Pedestrian Calls (#/hr)		0	0			
Act Effct Green (s)	62.1	62.2	53.1		11.3	23.0
Actuated g/C Ratio	0.74	0.76	0.65		0.14	0.27
v/c Ratio	0.34	0.95	0.72		0.07	0.09
Control Delay	5.0	24.1	14.3		35.9	8.7
Queue Delay	0.0	0.0	0.0		0.0	0.0
Total Delay	5.0	24.1	14.3		35.9	8.7
LOS	A	C	B		D	A

Lane Group	EBL	EBT	WBT	WBR	SBL	SBR
Approach Delay		22.5	14.3		16.3	
Approach LOS		C	B		B	
Queue Length 50th (ft)	12	441	283		9	0
Queue Length 95th (ft)	22	#983	445		28	25
Internal Link Dist (ft)		1541	670		317	
Turn Bay Length (ft)	120				100	
Base Capacity (vph)	399	1470	1243		245	508
Starvation Cap Reductn	0	0	0		0	0
Spillback Cap Reductn	0	0	0		0	0
Storage Cap Reductn	0	0	0		0	0
Reduced v/c Ratio	0.31	0.92	0.70		0.07	0.09

Area Type: Other
Cycle Length: 90
Actuated Cycle Length: 81.7
Natural Cycle: 90
Control Type: Actuated-Uncoordinated
Maximum v/c Ratio: 0.95
Intersection Signal Delay: 19.4 Intersection LOS: B
Intersection Capacity Utilization 77.4% ICU Level of Service D
Analysis Period (min) 15
95th percentile volume exceeds capacity, queue may be longer.
Queue shown is maximum after two cycles.

Splits and Phases: 10: U.S. Route 202 & Martino Way





	EBT	EBR	WBL	WBT	NBL	NBR
Lane Configurations						
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900
Turning Speed (mph)		9	15		15	9
Lane Util. Factor	1.00	1.00	1.00	1.00	1.00	1.00
Frt	0.999					0.865
Flt Protected						
Satd. Flow (prot)	1861	0	0	1863	0	1611
Flt Permitted						
Satd. Flow (perm)	1861	0	0	1863	0	1611
Headway Factor	1.00	1.00	1.00	1.00	1.00	1.00
Link Speed (mph)	30			30	30	
Link Distance (ft)	295			888	334	
Travel Time (s)	6.7			20.2	7.6	
Volume (vph)	1042	5	0	1056	0	106
Peak Hour Factor	0.95	0.95	0.95	0.95	0.95	0.95
Adj. Flow (vph)	1097	5	0	1112	0	112
Lane Group Flow (vph)	1102	0	0	1112	0	112
Sign Control	Free			Free	Stop	

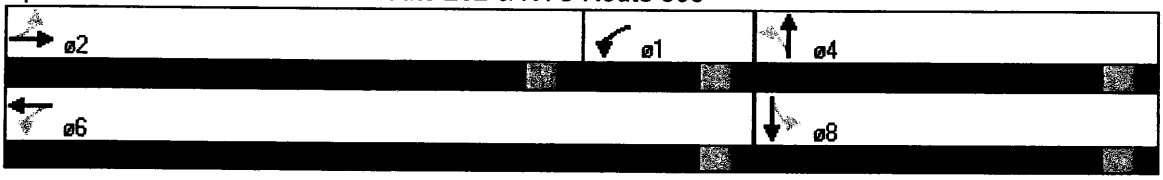
Area Type: Other
Control Type: Unsignalized
Intersection Capacity Utilization 68.4% ICU Level of Service C
Analysis Period (min) 15

Lane Group	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Storage Length (ft)	65		0	200		0	0		0	0		0
Storage Lanes	1		0	1		0	0		0	0		0
Total Lost Time (s)	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Leading Detector (ft)	50	50		50	50		50	50		50	50	
Trailing Detector (ft)	0	0		0	0		0	0		0	0	
Turning Speed (mph)	15		9	15		9	15		9	15		9
Lane Util. Factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Frt		0.997			0.991			0.899			0.994	
Flt Protected	0.950			0.950				0.996			0.985	
Satd. Flow (prot)	1641	1856	0	1719	1838	0	0	1607	0	0	1691	0
Flt Permitted	0.358			0.220				0.975			0.843	
Satd. Flow (perm)	618	1856	0	398	1838	0	0	1573	0	0	1447	0
Right Turn on Red			Yes			Yes			Yes			Yes
Satd. Flow (RTOR)		1			6			157			2	
Headway Factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Link Speed (mph)		30			30			30			30	
Link Distance (ft)		771			2678			516			293	
Travel Time (s)		17.5			60.9			11.7			6.7	
Volume (vph)	5	577	12	266	457	28	22	51	219	33	70	5
Peak Hour Factor	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95
Heavy Vehicles (%)	10%	2%	5%	5%	2%	10%	5%	10%	5%	10%	10%	10%
Adj. Flow (vph)	5	607	13	280	481	29	23	54	231	35	74	5
Lane Group Flow (vph)	5	620	0	280	510	0	0	308	0	0	114	0
Turn Type	Perm			pm+pt			Perm			Perm		
Protected Phases		2		1	6			4			8	
Permitted Phases	2			6			4			8		
Detector Phases	2	2		1	6		4	4		8	8	
Minimum Initial (s)	4.0	4.0		4.0	4.0		4.0	4.0		4.0	4.0	
Minimum Split (s)	21.0	21.0		9.0	21.0		21.0	21.0		21.0	21.0	
Total Split (s)	50.0	50.0	0.0	15.0	65.0	0.0	35.0	35.0	0.0	35.0	35.0	0.0
Total Split (%)	50.0%	50.0%	0.0%	15.0%	65.0%	0.0%	35.0%	35.0%	0.0%	35.0%	35.0%	0.0%
Maximum Green (s)	45.0	45.0		10.0	60.0		30.0	30.0		30.0	30.0	
Yellow Time (s)	3.0	3.0		3.0	3.0		3.0	3.0		3.0	3.0	
All-Red Time (s)	2.0	2.0		2.0	2.0		2.0	2.0		2.0	2.0	
Lead/Lag	Lead	Lead		Lag								
Lead-Lag Optimize?	Yes	Yes		Yes								
Vehicle Extension (s)	3.0	3.0		3.0	3.0		3.0	3.0		3.0	3.0	
Recall Mode	Max	Max		None	Max		None	None		None	None	
Walk Time (s)	5.0	5.0			5.0		5.0	5.0		5.0	5.0	
Flash Dont Walk (s)	11.0	11.0			11.0		11.0	11.0		11.0	11.0	
Pedestrian Calls (#/hr)	0	0			0		0	0		0	0	
Act Effct Green (s)	46.2	46.2		61.3	61.3			15.2			15.2	
Actuated g/C Ratio	0.55	0.55		0.72	0.72			0.18			0.18	
v/c Ratio	0.01	0.61		0.61	0.38			0.75			0.44	
Control Delay	11.6	17.6		21.0	6.3			27.2			34.8	
Queue Delay	0.0	0.0		0.0	0.0			0.0			0.0	
Total Delay	11.6	17.6		21.0	6.3			27.2			34.8	

Lane Group	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
LOS	B	B		C	A			C			C	
Approach Delay		17.6			11.5			27.2			34.8	
Approach LOS		B			B			C			C	
Queue Length 50th (ft)	1	207		40	82			74			53	
Queue Length 95th (ft)	8	398		103	195			161			101	
Internal Link Dist (ft)		691			2598			436			213	
Turn Bay Length (ft)	65			200								
Base Capacity (vph)	338	1015		461	1334			596			450	
Starvation Cap Reductn	0	0		0	0			0			0	
Spillback Cap Reductn	0	0		0	0			0			0	
Storage Cap Reductn	0	0		0	0			0			0	
Reduced v/c Ratio	0.01	0.61		0.61	0.38			0.52			0.25	

Area Type: Other
Cycle Length: 100
Actuated Cycle Length: 84.6
Natural Cycle: 60
Control Type: Actuated-Uncoordinated
Maximum v/c Ratio: 0.75
Intersection Signal Delay: 17.7 Intersection LOS: B
Intersection Capacity Utilization 74.0% ICU Level of Service D
Analysis Period (min) 15

Splits and Phases: 12: U.S. Route 202 & NYS Route 306

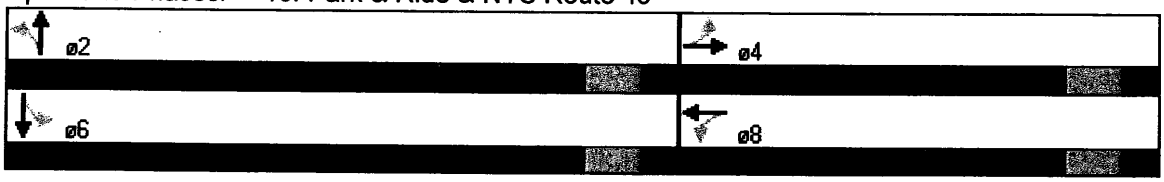


Lane Group	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Total Lost Time (s)	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Leading Detector (ft)	50	50		50	50		50	50		50	50	
Trailing Detector (ft)	0	0		0	0		0	0		0	0	
Turning Speed (mph)	15		9	15		9	15		9	15		9
Lane Util. Factor	1.00	1.00	1.00	1.00	1.00	1.00	0.91	0.91	0.91	1.00	1.00	1.00
Frt		0.968			0.959			0.981			0.995	
Flt Protected		0.968			0.966						0.999	
Satd. Flow (prot)	0	1745	0	0	1726	0	0	4989	0	0	1852	0
Flt Permitted		0.808			0.783			0.938			0.975	
Satd. Flow (perm)	0	1457	0	0	1399	0	0	4679	0	0	1807	0
Right Turn on Red			Yes			Yes			Yes			Yes
Satd. Flow (RTOR)		12			40			65			5	
Headway Factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Link Speed (mph)		30			30			30			30	
Link Distance (ft)		217			405			345			271	
Travel Time (s)		4.9			9.2			7.8			6.2	
Volume (vph)	32	5	11	97	0	42	5	845	122	11	538	21
Peak Hour Factor	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95
Adj. Flow (vph)	34	5	12	102	0	44	5	889	128	12	566	22
Lane Group Flow (vph)	0	51	0	0	146	0	0	1022	0	0	600	0
Turn Type	Perm			Perm			Perm			Perm		
Protected Phases		4			8			2			6	
Permitted Phases	4			8			2			6		
Detector Phases	4	4		8	8		2	2		6	6	
Minimum Initial (s)	4.0	4.0		4.0	4.0		4.0	4.0		4.0	4.0	
Minimum Split (s)	21.0	21.0		21.0	21.0		21.0	21.0		21.0	21.0	
Total Split (s)	25.0	25.0	0.0	25.0	25.0	0.0	35.0	35.0	0.0	35.0	35.0	0.0
Total Split (%)	41.7%	41.7%	0.0%	41.7%	41.7%	0.0%	58.3%	58.3%	0.0%	58.3%	58.3%	0.0%
Maximum Green (s)	20.0	20.0		20.0	20.0		30.0	30.0		30.0	30.0	
Yellow Time (s)	3.0	3.0		3.0	3.0		3.0	3.0		3.0	3.0	
All-Red Time (s)	2.0	2.0		2.0	2.0		2.0	2.0		2.0	2.0	
Lead/Lag												
Lead-Lag Optimize?												
Vehicle Extension (s)	3.0	3.0		3.0	3.0		3.0	3.0		3.0	3.0	
Recall Mode	None	None		None	None		Min	Min		Min	Min	
Walk Time (s)	5.0	5.0		5.0	5.0		5.0	5.0		5.0	5.0	
Flash Dont Walk (s)	11.0	11.0		11.0	11.0		11.0	11.0		11.0	11.0	
Pedestrian Calls (#/hr)	0	0		0	0		0	0		0	0	
Act Effct Green (s)		12.2			12.2			37.2			37.2	
Actuated g/C Ratio		0.21			0.21			0.65			0.65	
v/c Ratio		0.16			0.45			0.33			0.51	
Control Delay		11.9			14.5			4.7			7.6	
Queue Delay		0.0			0.0			0.0			0.3	
Total Delay		11.9			14.5			4.7			7.9	
LOS		B			B			A			A	
Approach Delay		11.9			14.5			4.7			7.9	
Approach LOS		B			B			A			A	

Lane Group	EBL	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Queue Length 50th (ft)	6		17			34			68		
Queue Length 95th (ft)	30		66			73			185		
Internal Link Dist (ft)	137		325			265			191		
Turn Bay Length (ft)											
Base Capacity (vph)	510		508			3291			1265		
Starvation Cap Reductn	0		0			0			219		
Spillback Cap Reductn	14		14			92			0		
Storage Cap Reductn	0		0			0			0		
Reduced v/c Ratio	0.10		0.30			0.32			0.57		

Area Type: Other
Cycle Length: 60
Actuated Cycle Length: 56.8
Natural Cycle: 50
Control Type: Actuated-Uncoordinated
Maximum v/c Ratio: 0.51
Intersection Signal Delay: 6.8 Intersection LOS: A
Intersection Capacity Utilization 54.5% ICU Level of Service A
Analysis Period (min) 15

Splits and Phases: 13: Park & Ride & NYS Route 45

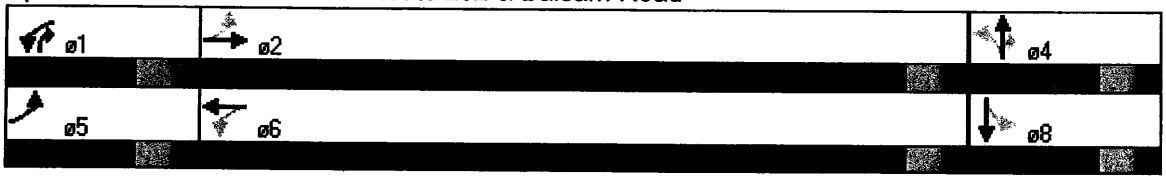


Lane Group	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Lane Width (ft)	11	11	12	11	12	12	12	10	10	12	16	12
Storage Length (ft)	115		0	130		0	0		75	0		0
Storage Lanes	1		0	1		0	0		1	0		0
Total Lost Time (s)	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Leading Detector (ft)	50	50		50	50		50	50	50	50	50	
Trailing Detector (ft)	0	0		0	0		0	0	0	0	0	
Turning Speed (mph)	15		9	15		9	15		9	15		9
Lane Util. Factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Frt		0.993			0.993				0.850		0.955	
Flt Protected	0.950			0.950				0.950			0.968	
Satd. Flow (prot)	1711	1788	0	1711	1850	0	0	1652	1478	0	1952	0
Flt Permitted	0.199			0.103				0.796			0.788	
Satd. Flow (perm)	358	1788	0	185	1850	0	0	1384	1478	0	1589	0
Right Turn on Red			Yes			Yes			Yes			Yes
Satd. Flow (RTOR)		6			5				34		17	
Headway Factor	1.04	1.04	1.00	1.04	1.00	1.00	1.00	1.09	1.09	1.00	0.85	1.00
Link Speed (mph)		30			30			30			30	
Link Distance (ft)		561			602			295			370	
Travel Time (s)		12.8			13.7			6.7			8.4	
Volume (vph)	31	890	47	32	745	37	36	0	32	32	0	16
Peak Hour Factor	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95
Adj. Flow (vph)	33	937	49	34	784	39	38	0	34	34	0	17
Lane Group Flow (vph)	33	986	0	34	823	0	0	38	34	0	51	0
Turn Type	pm+pt			pm+pt			Perm		pm+ov	Perm		
Protected Phases	5	2		1	6			4	1		8	
Permitted Phases	2			6			4		4	8		
Detector Phases	5	2		1	6		4	4	1	8	8	
Minimum Initial (s)	4.0	4.0		4.0	4.0		4.0	4.0	4.0	4.0	4.0	
Minimum Split (s)	9.0	21.0		9.0	21.0		15.0	15.0	9.0	15.0	15.0	
Total Split (s)	15.0	60.0	0.0	15.0	60.0	0.0	15.0	15.0	15.0	15.0	15.0	0.0
Total Split (%)	16.7%	66.7%	0.0%	16.7%	66.7%	0.0%	16.7%	16.7%	16.7%	16.7%	16.7%	0.0%
Maximum Green (s)	10.0	55.0		10.0	55.0		10.0	10.0	10.0	10.0	10.0	
Yellow Time (s)	3.0	3.0		3.0	3.0		3.0	3.0	3.0	3.0	3.0	
All-Red Time (s)	2.0	2.0		2.0	2.0		2.0	2.0	2.0	2.0	2.0	
Lead/Lag	Lead	Lag		Lead	Lag				Lead			
Lead-Lag Optimize?	Yes	Yes		Yes	Yes				Yes			
Vehicle Extension (s)	3.0	3.0		3.0	3.0		3.0	3.0	3.0	3.0	3.0	
Recall Mode	None	Max		None	Max		None	None	None	None	None	
Walk Time (s)		5.0			5.0							
Flash Dont Walk (s)		11.0			11.0							
Pedestrian Calls (#/hr)		0			0							
Act Effct Green (s)	76.0	72.9		76.0	72.9			9.2	16.5		9.1	
Actuated g/C Ratio	0.79	0.79		0.79	0.79			0.10	0.17		0.09	
v/c Ratio	0.09	0.69		0.13	0.56			0.29	0.12		0.31	
Control Delay	2.5	12.1		3.1	8.5			39.7	9.9		30.0	
Queue Delay	0.0	0.0		0.0	0.0			0.0	0.0		0.0	
Total Delay	2.5	12.1		3.1	8.5			39.7	9.9		30.0	

Lane Group	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
LOS	A	B		A	A			D	A		C	
Approach Delay		11.8			8.3			25.6			30.0	
Approach LOS		B			A			C			C	
Queue Length 50th (ft)	3	327		3	220			19	0		17	
Queue Length 95th (ft)	8	#643		8	379			48	22		50	
Internal Link Dist (ft)		481			522			215			290	
Turn Bay Length (ft)	115			130					75			
Base Capacity (vph)	434	1424		317	1473			160	293		198	
Starvation Cap Reductn	0	0		0	0			0	0		0	
Spillback Cap Reductn	0	0		0	0			0	0		0	
Storage Cap Reductn	0	0		0	0			0	0		0	
Reduced v/c Ratio	0.08	0.69		0.11	0.56			0.24	0.12		0.26	

Area Type: Other
Cycle Length: 90
Actual Cycle Length: 91.7
Natural Cycle: 70
Control Type: Actuated-Uncoordinated
Maximum v/c Ratio: 0.69
Intersection Signal Delay: 11.2 Intersection LOS: B
Intersection Capacity Utilization 66.4% ICU Level of Service C
Analysis Period (min) 15
95th percentile volume exceeds capacity, queue may be longer.
Queue shown is maximum after two cycles.

Splits and Phases: 14: U.S. Route 202 & Balsam Road



Lane Group	NBL	NBT	SBT	SBR	SWL	SWR
Lane Configurations		↑	↱			
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900
Turning Speed (mph)	15			9	15	9
Lane Util. Factor	1.00	1.00	1.00	1.00	1.00	1.00
Frt			0.965			
Flt Protected						
Satd. Flow (prot)	0	1863	1798	0	0	0
Flt Permitted						
Satd. Flow (perm)	0	1863	1798	0	0	0
Headway Factor	1.00	1.00	1.00	1.00	1.00	1.00
Link Speed (mph)		30	30		30	
Link Distance (ft)		175	345		567	
Travel Time (s)		4.0	7.8		12.9	
Volume (vph)	0	972	471	164	0	0
Peak Hour Factor	0.95	0.95	0.95	0.95	0.95	0.95
Adj. Flow (vph)	0	1023	496	173	0	0
Lane Group Flow (vph)	0	1023	669	0	0	0
Sign Control		Free	Free		Free	

Area Type: Other
Control Type: Unsignalized
Intersection Capacity Utilization 54.5% ICU Level of Service A
Analysis Period (min) 15

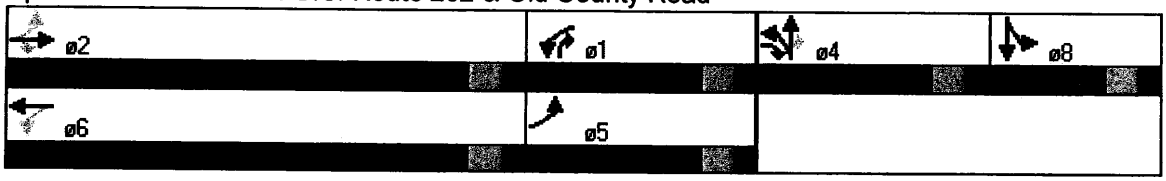
Lane Group	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Storage Length (ft)	50		0	150		0	0		0	0		0
Storage Lanes	1		1	1		0	1		1	0		0
Total Lost Time (s)	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Leading Detector (ft)	50	50	50	50	50		50	50	50	50	50	
Trailing Detector (ft)	0	0	0	0	0		0	0	0	0	0	
Turning Speed (mph)	15		9	15		9	15		9	15		9
Lane Util. Factor	1.00	1.00	1.00	1.00	1.00	1.00	0.95	0.95	1.00	1.00	1.00	1.00
Frt			0.850		0.999				0.850		0.915	
Flt Protected	0.950			0.950			0.950	0.954			0.991	
Satd. Flow (prot)	1770	1863	1583	1770	1861	0	1681	1688	1583	0	1689	0
Flt Permitted	0.098			0.098			0.950	0.954			0.991	
Satd. Flow (perm)	183	1863	1583	183	1861	0	1681	1688	1583	0	1689	0
Right Turn on Red			Yes			Yes			Yes			Yes
Satd. Flow (RTOR)			363						253		17	
Headway Factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Link Speed (mph)		30			30			30			30	
Link Distance (ft)		354			1113			271			367	
Travel Time (s)		8.0			25.3			6.2			8.3	
Volume (vph)	5	649	334	143	628	5	296	5	233	5	5	16
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92
Adj. Flow (vph)	5	705	363	155	683	5	322	5	253	5	5	17
Lane Group Flow (vph)	5	705	363	155	688	0	161	166	253	0	27	0
Turn Type	pm+pt		pm+ov	pm+pt			Split		pm+ov	Split		
Protected Phases	5	2	4	1	6		4	4	1	8	8	
Permitted Phases	2		2	6					4			
Detector Phases	5	2	4	1	6		4	4	1	8	8	
Minimum Initial (s)	4.0	4.0	4.0	4.0	4.0		4.0	4.0	4.0	4.0	4.0	
Minimum Split (s)	9.0	21.0	20.0	9.0	21.0		20.0	20.0	9.0	15.0	15.0	
Total Split (s)	20.0	45.0	20.0	20.0	45.0	0.0	20.0	20.0	20.0	15.0	15.0	0.0
Total Split (%)	20.0%	45.0%	20.0%	20.0%	45.0%	0.0%	20.0%	20.0%	20.0%	15.0%	15.0%	0.0%
Maximum Green (s)	15.0	40.0	15.0	15.0	40.0		15.0	15.0	15.0	10.0	10.0	
Yellow Time (s)	3.0	3.0	3.0	3.0	3.0		3.0	3.0	3.0	3.0	3.0	
All-Red Time (s)	2.0	2.0	2.0	2.0	2.0		2.0	2.0	2.0	2.0	2.0	
Lead/Lag	Lag	Lead		Lag	Lead				Lag			
Lead-Lag Optimize?	Yes	Yes		Yes	Yes				Yes			
Vehicle Extension (s)	3.0	3.0	3.0	3.0	3.0		3.0	3.0	3.0	3.0	3.0	
Recall Mode	None	C-Max	None	None	C-Max		None	None	None	None	None	
Walk Time (s)		5.0			5.0							
Flash Dont Walk (s)		11.0			11.0							
Pedestrian Calls (#/hr)		0			0							
Act Effct Green (s)	66.9	58.5	75.7	71.3	68.1		14.8	14.8	28.5		7.4	
Actuated g/C Ratio	0.67	0.58	0.76	0.71	0.68		0.15	0.15	0.28		0.07	
v/c Ratio	0.02	0.65	0.28	0.55	0.54		0.65	0.66	0.40		0.19	
Control Delay	7.0	16.2	1.0	28.2	14.6		52.1	53.1	4.9		27.8	
Queue Delay	0.0	3.2	0.4	0.1	0.0		0.5	0.6	1.0		0.0	
Total Delay	7.0	19.4	1.4	28.3	14.7		52.6	53.7	5.9		27.8	
LOS	A	B	A	C	B		D	D	A		C	

Lane Group	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Approach Delay		13.3			17.2			32.6			27.8	
Approach LOS		B			B			C			C	
Queue Length 50th (ft)	1	165	0	21	136		101	105	0		6	
Queue Length 95th (ft)	m2	#630	18	94	#607		172	178	51		32	
Internal Link Dist (ft)		274			1033			191			287	
Turn Bay Length (ft)	50			150								
Base Capacity (vph)	390	1089	1283	396	1268		278	279	632		201	
Starvation Cap Reductn	0	278	474	0	0		14	16	184		0	
Spillback Cap Reductn	0	0	20	16	22		0	0	0		0	
Storage Cap Reductn	0	0	0	0	0		0	0	0		0	
Reduced v/c Ratio	0.01	0.87	0.45	0.41	0.55		0.61	0.63	0.56		0.13	

Intersection Summary

Area Type: Other
Cycle Length: 100
Actuated Cycle Length: 100
Offset: 0 (0%), Referenced to phase 2:EBTL and 6:WBTL, Start of Green, Master Intersection
Natural Cycle: 80
Control Type: Actuated-Coordinated
Maximum v/c Ratio: 0.66
Intersection Signal Delay: 19.2 Intersection LOS: B
Intersection Capacity Utilization 67.1% ICU Level of Service C
Analysis Period (min) 15
95th percentile volume exceeds capacity, queue may be longer.
Queue shown is maximum after two cycles.
m Volume for 95th percentile queue is metered by upstream signal.

Splits and Phases: 1: U.S. Route 202 & Old County Road



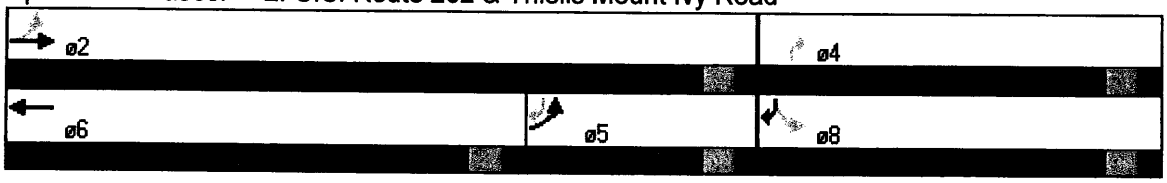
Lane Group	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Storage Length (ft)	630		0	115		0	0		0	0		0
Storage Lanes	1		0	1		1	0		1	1		1
Total Lost Time (s)	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Leading Detector (ft)	50	50			50	50			50	50		50
Trailing Detector (ft)	0	0			0	0			0	0		0
Turning Speed (mph)	15		9	15		9	15		9	15		9
Lane Util. Factor	1.00	1.00	1.00	1.00	0.95	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Frt		0.999				0.850			0.865			0.850
Flt Protected	0.950									0.950		
Satd. Flow (prot)	1770	1861	0	0	3539	1583	0	0	1611	1770	0	1583
Flt Permitted	0.218									0.950		
Satd. Flow (perm)	406	1861	0	0	3539	1583	0	0	1611	1770	0	1583
Right Turn on Red			Yes			Yes			Yes			Yes
Satd. Flow (RTOR)		1				152			227			69
Headway Factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Link Speed (mph)		30			30			30			30	
Link Distance (ft)		861			354			89			606	
Travel Time (s)		19.6			8.0			2.0			13.8	
Volume (vph)	179	675	5	0	781	158	0	0	5	308	0	790
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92
Adj. Flow (vph)	195	734	5	0	849	172	0	0	5	335	0	859
Lane Group Flow (vph)	195	739	0	0	849	172	0	0	5	335	0	859
Turn Type	pm+pt					Free			custom	custom		custom
Protected Phases	5	2			6							8
Permitted Phases	2					Free			4	8		5
Detector Phases	5	2			6				4	8		8
Minimum Initial (s)	4.0	4.0			4.0				4.0	4.0		4.0
Minimum Split (s)	9.0	21.0			21.0				9.0	21.0		21.0
Total Split (s)	20.0	65.0	0.0	0.0	45.0	0.0	0.0	0.0	35.0	35.0	0.0	35.0
Total Split (%)	20.0%	65.0%	0.0%	0.0%	45.0%	0.0%	0.0%	0.0%	35.0%	35.0%	0.0%	35.0%
Maximum Green (s)	15.0	60.0			40.0				30.0	30.0		30.0
Yellow Time (s)	3.0	3.0			3.0				3.0	3.0		3.0
All-Red Time (s)	2.0	2.0			2.0				2.0	2.0		2.0
Lead/Lag	Lag				Lead							
Lead-Lag Optimize?	Yes				Yes							
Vehicle Extension (s)	3.0	3.0			3.0				3.0	3.0		3.0
Recall Mode	None	C-Max			C-Max				None	Max		Max
Walk Time (s)		5.0			5.0					5.0		5.0
Flash Dont Walk (s)		11.0			11.0					11.0		11.0
Pedestrian Calls (#/hr)		0			0					0		0
Act Effct Green (s)	61.0	61.0			41.0	100.0			11.4	31.0		51.0
Actuated g/C Ratio	0.61	0.61			0.41	1.00			0.11	0.31		0.51
v/c Ratio	0.42	0.65			0.59	0.11			0.01	0.61		1.02
Control Delay	14.2	10.7			24.0	0.1			0.0	26.5		44.6
Queue Delay	0.0	0.1			1.9	0.0			0.0	0.8		1.9
Total Delay	14.2	10.7			25.8	0.1			0.0	27.3		46.5
LOS	B	B			C	A			A	C		D

Lane Group	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Approach Delay		11.5			21.5							
Approach LOS		B			C							
Queue Length 50th (ft)	41	166			252	0			0	132		~287
Queue Length 95th (ft)	57	206			180	m0			0	m188		m#705
Internal Link Dist (ft)		781			274			9			526	
Turn Bay Length (ft)	630											
Base Capacity (vph)	466	1186			1451	1583			656	549		841
Starvation Cap Reductn	0	0			422	0			0	0		5
Spillback Cap Reductn	0	29			0	0			58	58		0
Storage Cap Reductn	0	0			0	0			0	0		0
Reduced v/c Ratio	0.42	0.67			0.83	0.11			0.01	0.68		1.03

Intersection Summary

Area Type: Other
Cycle Length: 100
Actuated Cycle Length: 100
Offset: 0 (0%), Referenced to phase 2:EBTL and 6:WBT, Start of Green
Natural Cycle: 55
Control Type: Actuated-Coordinated
Maximum v/c Ratio: 1.02
Intersection Signal Delay: 25.9 Intersection LOS: C
Intersection Capacity Utilization 77.2% ICU Level of Service D
Analysis Period (min) 15
~ Volume exceeds capacity, queue is theoretically infinite.
Queue shown is maximum after two cycles.
95th percentile volume exceeds capacity, queue may be longer.
Queue shown is maximum after two cycles.
m Volume for 95th percentile queue is metered by upstream signal.

Splits and Phases: 2: U.S. Route 202 & Thiells Mount Ivy Road



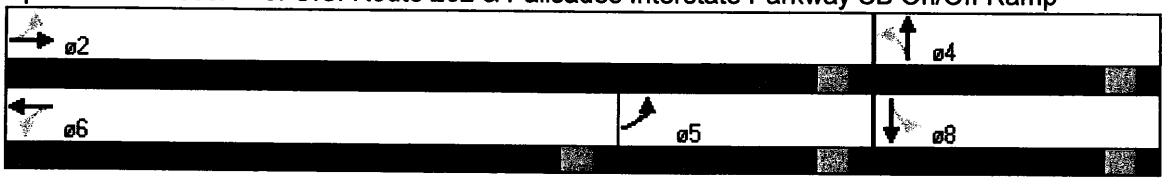
Lane Group	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Storage Length (ft)	125		0	60		0	0		0	0		0
Storage Lanes	1		0	1		1	0		0	0		1
Total Lost Time (s)	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Leading Detector (ft)	50	50		50	50	50	50	50		50	50	50
Trailing Detector (ft)	0	0		0	0	0	0	0		0	0	0
Turning Speed (mph)	15		9	15		9	15		9	15		9
Lane Util. Factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Frt		0.999				0.850		0.955				0.850
Flt Protected	0.950			0.950				0.984			0.954	
Satd. Flow (prot)	1770	1861	0	1770	1863	1583	0	1750	0	0	1777	1583
Flt Permitted	0.075			0.211				0.929			0.724	
Satd. Flow (perm)	140	1861	0	393	1863	1583	0	1653	0	0	1349	1583
Right Turn on Red			Yes			Yes			Yes			Yes
Satd. Flow (RTOR)		1				197		5				187
Headway Factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Link Speed (mph)		30			30			30			30	
Link Distance (ft)		584			861			109			648	
Travel Time (s)		13.3			19.6			2.5			14.7	
Volume (vph)	476	747	5	5	1046	520	5	5	5	107	5	172
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92
Adj. Flow (vph)	517	812	5	5	1137	565	5	5	5	116	5	187
Lane Group Flow (vph)	517	817	0	5	1137	565	0	15	0	0	121	187
Turn Type	pm+pt			Perm		Free	Perm			Perm		Free
Protected Phases	5	2			6			4			8	
Permitted Phases	2			6		Free	4			8		Free
Detector Phases	5	2		6	6		4	4		8	8	
Minimum Initial (s)	4.0	4.0		4.0	4.0		4.0	4.0		4.0	4.0	
Minimum Split (s)	9.0	21.0		21.0	21.0		21.0	21.0		21.0	21.0	
Total Split (s)	22.0	75.0	0.0	53.0	53.0	0.0	25.0	25.0	0.0	25.0	25.0	0.0
Total Split (%)	22.0%	75.0%	0.0%	53.0%	53.0%	0.0%	25.0%	25.0%	0.0%	25.0%	25.0%	0.0%
Maximum Green (s)	17.0	70.0		48.0	48.0		20.0	20.0		20.0	20.0	
Yellow Time (s)	3.0	3.0		3.0	3.0		3.0	3.0		3.0	3.0	
All-Red Time (s)	2.0	2.0		2.0	2.0		2.0	2.0		2.0	2.0	
Lead/Lag	Lag			Lead	Lead							
Lead-Lag Optimize?	Yes			Yes	Yes							
Vehicle Extension (s)	3.0	3.0		3.0	3.0		3.0	3.0		3.0	3.0	
Recall Mode	None	C-Max		C-Max	C-Max		None	None		None	None	
Walk Time (s)		5.0		5.0	5.0		5.0	5.0		5.0	5.0	
Flash Dont Walk (s)		11.0		11.0	11.0		11.0	11.0		11.0	11.0	
Pedestrian Calls (#/hr)		0		0	0		0	0		0	0	
Act Effct Green (s)	77.2	77.2		55.2	55.2	100.0		14.8			14.8	100.0
Actuated g/C Ratio	0.77	0.77		0.55	0.55	1.00		0.15			0.15	1.00
v/c Ratio	1.29	0.57		0.02	1.11	0.36		0.06			0.60	0.12
Control Delay	174.3	5.0		9.0	74.7	0.4		27.1			43.7	0.1
Queue Delay	0.0	0.0		0.0	0.0	0.0		0.0			0.0	0.0
Total Delay	174.3	5.0		9.0	74.7	0.4		27.1			43.7	0.1
LOS	F	A		A	E	A		C			D	A

Lane Group	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Approach Delay		70.6			49.9			27.1			17.3	
Approach LOS		E			D			C			B	
Queue Length 50th (ft)	~374	42		1	~851	0		6		76		0
Queue Length 95th (ft)	m#532	m366		m2	m#1028	m0		22		130		0
Internal Link Dist (ft)		504			781			29		568		
Turn Bay Length (ft)	125			60								
Base Capacity (vph)	401	1436		217	1028	1583		351		283		1583
Starvation Cap Reductn	0	0		0	0	0		0		0		0
Spillback Cap Reductn	0	0		0	0	0		0		0		0
Storage Cap Reductn	0	0		0	0	0		0		0		0
Reduced v/c Ratio	1.29	0.57		0.02	1.11	0.36		0.04		0.43		0.12

Intersection Summary

Area Type: Other
Cycle Length: 100
Actuated Cycle Length: 100
Offset: 95 (95%), Referenced to phase 2:EBTL and 6:WBTL, Start of Green
Natural Cycle: 150
Control Type: Actuated-Coordinated
Maximum v/c Ratio: 1.29
Intersection Signal Delay: 55.0 Intersection LOS: E
Intersection Capacity Utilization 104.3% ICU Level of Service G
Analysis Period (min) 15
~ Volume exceeds capacity, queue is theoretically infinite.
Queue shown is maximum after two cycles.
95th percentile volume exceeds capacity, queue may be longer.
Queue shown is maximum after two cycles.
m Volume for 95th percentile queue is metered by upstream signal.

Splits and Phases: 3: U.S. Route 202 & Palisades Interstate Parkway SB On/Off Ramp

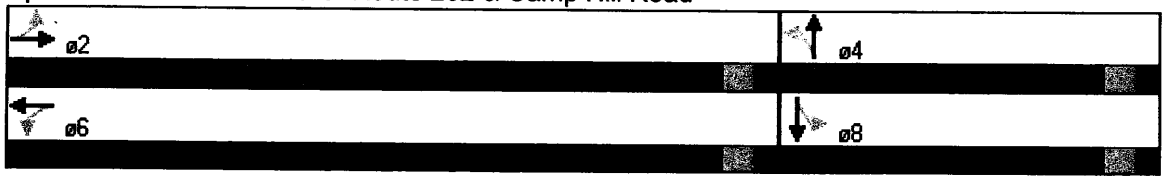


Lane Group	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations		↕			↕			↕			↕	
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Total Lost Time (s)	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Leading Detector (ft)	50	50		50	50		50	50		50	50	
Trailing Detector (ft)	0	0		0	0		0	0		0	0	
Turning Speed (mph)	15		9	15		9	15		9	15		9
Lane Util. Factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Frt		0.992			0.979			0.933			0.966	
Flt Protected		0.995			0.994			0.991			0.972	
Satd. Flow (prot)	0	1830	0	0	1798	0	0	1673	0	0	1699	0
Flt Permitted		0.846			0.828			0.918			0.590	
Satd. Flow (perm)	0	1556	0	0	1498	0	0	1550	0	0	1031	0
Right Turn on Red			Yes			Yes			Yes			Yes
Satd. Flow (RTOR)		6			18			50			17	
Headway Factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Link Speed (mph)		30			30			30			30	
Link Distance (ft)		1043			2079			480			458	
Travel Time (s)		23.7			47.3			10.9			10.4	
Volume (vph)	69	581	42	104	618	131	42	74	115	109	32	48
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92
Heavy Vehicles (%)	5%	2%	5%	5%	2%	5%	5%	5%	5%	5%	5%	5%
Adj. Flow (vph)	75	632	46	113	672	142	46	80	125	118	35	52
Lane Group Flow (vph)	0	753	0	0	927	0	0	251	0	0	205	0
Turn Type	Perm			Perm			Perm			Perm		
Protected Phases		2			6			4			8	
Permitted Phases	2			6			4			8		
Detector Phases	2	2		6	6		4	4		8	8	
Minimum Initial (s)	4.0	4.0		4.0	4.0		4.0	4.0		4.0	4.0	
Minimum Split (s)	21.0	21.0		21.0	21.0		21.0	21.0		21.0	21.0	
Total Split (s)	67.0	67.0	0.0	67.0	67.0	0.0	33.0	33.0	0.0	33.0	33.0	0.0
Total Split (%)	67.0%	67.0%	0.0%	67.0%	67.0%	0.0%	33.0%	33.0%	0.0%	33.0%	33.0%	0.0%
Maximum Green (s)	62.0	62.0		62.0	62.0		28.0	28.0		28.0	28.0	
Yellow Time (s)	3.0	3.0		3.0	3.0		3.0	3.0		3.0	3.0	
All-Red Time (s)	2.0	2.0		2.0	2.0		2.0	2.0		2.0	2.0	
Lead/Lag												
Lead-Lag Optimize?												
Vehicle Extension (s)	3.0	3.0		3.0	3.0		3.0	3.0		3.0	3.0	
Recall Mode	Min	Min		Min	Min		None	None		None	None	
Walk Time (s)	5.0	5.0		5.0	5.0		5.0	5.0		5.0	5.0	
Flash Dont Walk (s)	11.0	11.0		11.0	11.0		11.0	11.0		11.0	11.0	
Pedestrian Calls (#/hr)	0	0		0	0		0	0		0	0	
Act Effct Green (s)		59.6			59.6			21.1			21.1	
Actuated g/C Ratio		0.67			0.67			0.24			0.24	
v/c Ratio		0.72			0.92			0.62			0.80	
Control Delay		15.9			30.4			31.3			52.3	
Queue Delay		0.0			0.0			0.0			0.0	
Total Delay		15.9			30.4			31.3			52.3	
LOS		B			C			C			D	
Approach Delay		15.9			30.4			31.3			52.3	

Lane Group	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Approach LOS		B			C			C			D	
Queue Length 50th (ft)		256			421			106			105	
Queue Length 95th (ft)		484			#840			184			189	
Internal Link Dist (ft)		963			1999			400			378	
Turn Bay Length (ft)												
Base Capacity (vph)		1065			1030			506			325	
Starvation Cap Reductn		0			0			0			0	
Spillback Cap Reductn		0			0			0			0	
Storage Cap Reductn		0			0			0			0	
Reduced v/c Ratio		0.71			0.90			0.50			0.63	

Area Type: Other
Cycle Length: 100
Actuated Cycle Length: 89
Natural Cycle: 75
Control Type: Actuated-Uncoordinated
Maximum v/c Ratio: 0.92
Intersection Signal Delay: 27.5 Intersection LOS: C
Intersection Capacity Utilization 98.7% ICU Level of Service F
Analysis Period (min) 15
#. 95th percentile volume exceeds capacity, queue may be longer.
Queue shown is maximum after two cycles.

Splits and Phases: 4: U.S. Route 202 & Camp Hill Road

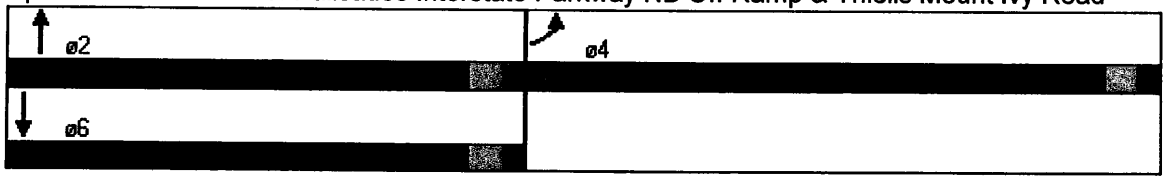


Lane Group	EBL	EBR	NBL	NBT	SBT	SBR
Lane Configurations						
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900
Total Lost Time (s)	4.0	4.0	4.0	4.0	4.0	4.0
Leading Detector (ft)	50			50	50	
Trailing Detector (ft)	0			0	0	
Turning Speed (mph)	15	9	15			9
Lane Util. Factor	1.00	1.00	1.00	1.00	1.00	1.00
Frt	0.909					
Flt Protected	0.984					
Satd. Flow (prot)	1666	0	0	1863	1863	0
Flt Permitted	0.984					
Satd. Flow (perm)	1666	0	0	1863	1863	0
Right Turn on Red		Yes				Yes
Satd. Flow (RTOR)	153					
Headway Factor	1.00	1.00	1.00	1.00	1.00	1.00
Link Speed (mph)	30			30	30	
Link Distance (ft)	336			606	245	
Travel Time (s)	7.6			13.8	5.6	
Volume (vph)	260	541	0	338	556	0
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92
Adj. Flow (vph)	283	588	0	367	604	0
Lane Group Flow (vph)	871	0	0	367	604	0
Turn Type						
Protected Phases	4			2	6	
Permitted Phases						
Detector Phases	4			2	6	
Minimum Initial (s)	4.0			4.0	4.0	
Minimum Split (s)	21.0			21.0	21.0	
Total Split (s)	55.0	0.0	0.0	45.0	45.0	0.0
Total Split (%)	55.0%	0.0%	0.0%	45.0%	45.0%	0.0%
Maximum Green (s)	50.0			40.0	40.0	
Yellow Time (s)	3.0			3.0	3.0	
All-Red Time (s)	2.0			2.0	2.0	
Lead/Lag						
Lead-Lag Optimize?						
Vehicle Extension (s)	3.0			3.0	3.0	
Recall Mode	Max			C-Min	C-Min	
Walk Time (s)	5.0			5.0	5.0	
Flash Dont Walk (s)	11.0			11.0	11.0	
Pedestrian Calls (#/hr)	0			0	0	
Act Effct Green (s)	56.1			35.9	35.9	
Actuated g/C Ratio	0.56			0.36	0.36	
v/c Ratio	0.87			0.55	0.90	
Control Delay	28.2			25.4	47.8	
Queue Delay	0.1			0.0	1.9	
Total Delay	28.3			25.4	49.7	
LOS	C			C	D	
Approach Delay	28.3			25.4	49.7	
Approach LOS	C			C	D	

Lane Group	EBL	WBR	NBL	NBT	SBT	SBR
Queue Length 50th (ft)	395			183	354	
Queue Length 95th (ft)	#730			314	475	
Internal Link Dist (ft)	256			626	165	
Turn Bay Length (ft)						
Base Capacity (vph)	1001			764	764	
Starvation Cap Reductn	0			0	0	
Spillback Cap Reductn	5			0	64	
Storage Cap Reductn	0			0	0	
Reduced v/c Ratio	0.87			0.48	0.86	

Area Type: Other
Cycle Length: 100
Actuated Cycle Length: 100
Offset: 52 (52%), Referenced to phase 2:NBT and 6:SBT, Start of Green
Natural Cycle: 75
Control Type: Actuated-Coordinated
Maximum v/c Ratio: 0.90
Intersection Signal Delay: 34.8 Intersection LOS: C
Intersection Capacity Utilization 83.6% ICU Level of Service E
Analysis Period (min) 15
95th percentile volume exceeds capacity, queue may be longer.
Queue shown is maximum after two cycles.

Splits and Phases: 5: Palisades Interstate Parkway NB Off Ramp & Thiells Mount Ivy Road



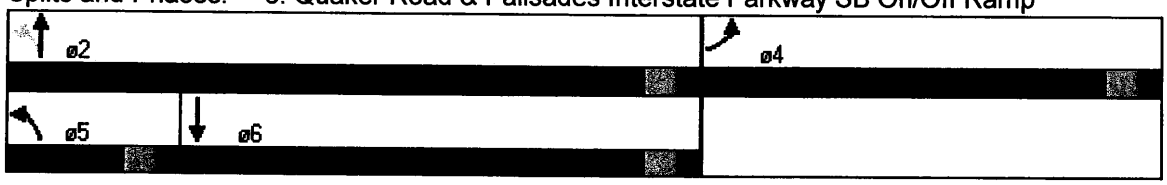
Lane Group	EBL	EBR	NBL	NBT	SBT	SBR
Lane Configurations						
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900
Storage Length (ft)	0	0	100			0
Storage Lanes	1	0	1			0
Total Lost Time (s)	4.0	4.0	4.0	4.0	4.0	4.0
Leading Detector (ft)	50		50	50	50	
Trailing Detector (ft)	0		0	0	0	
Turning Speed (mph)	15	9	15			9
Lane Util. Factor	1.00	1.00	1.00	1.00	1.00	1.00
Frt	0.933				0.993	
Flt Protected	0.975		0.950			
Satd. Flow (prot)	1694	0	1770	1863	1850	0
Flt Permitted	0.975		0.507			
Satd. Flow (perm)	1694	0	944	1863	1850	0
Right Turn on Red		Yes				Yes
Satd. Flow (RTOR)	55				4	
Headway Factor	1.00	1.00	1.00	1.00	1.00	1.00
Link Speed (mph)	30			30	30	
Link Distance (ft)	380			648	183	
Travel Time (s)	8.6			14.7	4.2	
Volume (vph)	95	93	172	877	191	11
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92
Adj. Flow (vph)	103	101	187	953	208	12
Lane Group Flow (vph)	204	0	187	953	220	0
Turn Type			pm+pt			
Protected Phases	4		5	2	6	
Permitted Phases			2			
Detector Phases	4		5	2	6	
Minimum Initial (s)	4.0		4.0	4.0	4.0	
Minimum Split (s)	21.0		15.0	21.0	21.0	
Total Split (s)	40.0	0.0	15.0	60.0	45.0	0.0
Total Split (%)	40.0%	0.0%	15.0%	60.0%	45.0%	0.0%
Maximum Green (s)	35.0		10.0	55.0	40.0	
Yellow Time (s)	3.0		3.0	3.0	3.0	
All-Red Time (s)	2.0		2.0	2.0	2.0	
Lead/Lag			Lead		Lag	
Lead-Lag Optimize?			Yes		Yes	
Vehicle Extension (s)	3.0		3.0	3.0	3.0	
Recall Mode	Max		Max	C-Max	C-Max	
Walk Time (s)	5.0			5.0	5.0	
Flash Dont Walk (s)	11.0			11.0	11.0	
Pedestrian Calls (#/hr)	0			0	0	
Act Effct Green (s)	36.0		56.0	56.0	41.0	
Actuated g/C Ratio	0.36		0.56	0.56	0.41	
v/c Ratio	0.32		0.30	0.91	0.29	
Control Delay	18.2		6.9	22.2	20.7	
Queue Delay	0.0		0.0	2.6	0.0	
Total Delay	18.2		6.9	24.8	20.7	
LOS	B		A	C	C	

Lane Group	EBL	EBR	NBL	NBT	SBT	SBR
Approach Delay	18.2			21.9	20.7	
Approach LOS	B			C	C	
Queue Length 50th (ft)	66		32	270	90	
Queue Length 95th (ft)	124		m37	m261	145	
Internal Link Dist (ft)	300			568	103	
Turn Bay Length (ft)			100			
Base Capacity (vph)	645		620	1043	761	
Starvation Cap Reductn	0		0	38	0	
Spillback Cap Reductn	0		0	0	0	
Storage Cap Reductn	0		0	0	0	
Reduced v/c Ratio	0.32		0.30	0.95	0.29	

Intersection Summary

Area Type: Other
Cycle Length: 100
Actuated Cycle Length: 100
Offset: 44 (44%), Referenced to phase 2:NBTL and 6:SBT, Start of Green
Natural Cycle: 60
Control Type: Actuated-Coordinated
Maximum v/c Ratio: 0.91
Intersection Signal Delay: 21.2 Intersection LOS: C
Intersection Capacity Utilization 63.8% ICU Level of Service B
Analysis Period (min) 15
m Volume for 95th percentile queue is metered by upstream signal.

Splits and Phases: 6: Quaker Road & Palisades Interstate Parkway SB On/Off Ramp



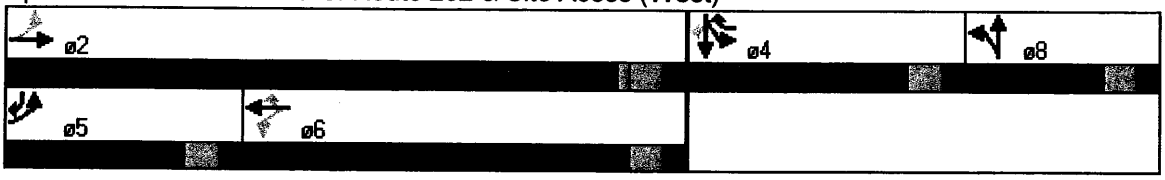
Lane Group	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Lane Width (ft)	12	12	12	12	12	12	12	15	12	12	12	12
Storage Length (ft)	150		150	150		150	0		0	0		0
Storage Lanes	1		1	1		1	0		0	1		1
Total Lost Time (s)	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Leading Detector (ft)	50	50		50	50	50	50	50		50	50	50
Trailing Detector (ft)	0	0		0	0	0	0	0		0	0	0
Turning Speed (mph)	15		9	15		9	15		9	15		9
Lane Util. Factor	1.00	0.95	0.95	1.00	1.00	1.00	1.00	1.00	1.00	0.95	0.95	1.00
Frt		0.985				0.850		0.917				0.850
Flt Protected	0.950			0.950				0.981		0.950	0.950	
Satd. Flow (prot)	1770	3486	0	1770	1863	1583	0	1843	0	1681	1681	1583
Flt Permitted	0.104			0.375				0.981		0.950	0.950	
Satd. Flow (perm)	194	3486	0	699	1863	1583	0	1843	0	1681	1681	1583
Right Turn on Red			Yes			Yes			Yes			Yes
Satd. Flow (RTOR)		19				538		67				223
Headway Factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.88	1.00	1.00	1.00	1.00
Link Speed (mph)		30			30			30			30	
Link Distance (ft)		888			257			88			206	
Travel Time (s)		20.2			5.8			2.0			4.7	
Volume (vph)	331	602	69	111	536	511	69	0	111	532	0	375
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92
Adj. Flow (vph)	360	654	75	121	583	555	75	0	121	578	0	408
Lane Group Flow (vph)	360	729	0	121	583	555	0	196	0	289	289	408
Turn Type	pm+pt			Perm		pm+ov	Split			Split		pm+ov
Protected Phases	5	2			6	4	8	8		4	4	5
Permitted Phases	2			6		6						4
Detector Phases	5	2		6	6	4	8	8		4	4	5
Minimum Initial (s)	4.0	4.0		4.0	4.0	4.0	4.0	4.0		4.0	4.0	4.0
Minimum Split (s)	9.0	21.0		21.0	21.0	17.0	11.0	11.0		17.0	17.0	9.0
Total Split (s)	20.5	58.0	0.0	38.5	38.5	24.0	17.0	17.0	0.0	24.0	24.0	20.5
Total Split (%)	20.5%	58.0%	0.0%	38.5%	38.5%	24.0%	17.0%	17.0%	0.0%	24.0%	24.0%	20.5%
Maximum Green (s)	15.5	53.0		33.5	33.5	19.0	12.0	12.0		19.0	19.0	15.5
Yellow Time (s)	3.0	3.0		3.0	3.0	3.0	3.0	3.0		3.0	3.0	3.0
All-Red Time (s)	2.0	2.0		2.0	2.0	2.0	2.0	2.0		2.0	2.0	2.0
Lead/Lag	Lead			Lag	Lag							Lead
Lead-Lag Optimize?	Yes			Yes	Yes							Yes
Vehicle Extension (s)	3.0	3.0		3.0	3.0	3.0	3.0	3.0		3.0	3.0	3.0
Recall Mode	None	C-Max		C-Max	C-Max	None	None	None		None	None	None
Walk Time (s)		5.0		5.0	5.0							
Flash Dont Walk (s)		11.0		11.0	11.0							
Pedestrian Calls (#/hr)		0		0	0							
Act Effct Green (s)	57.0	57.0		35.2	35.2	58.6		11.6		19.4	19.4	37.2
Actuated g/C Ratio	0.57	0.57		0.35	0.35	0.59		0.12		0.19	0.19	0.37
v/c Ratio	0.92	0.37		0.49	0.89	0.48		0.72		0.89	0.89	0.56
Control Delay	46.6	4.9		13.7	23.7	3.3		43.0		68.1	68.1	9.3
Queue Delay	0.0	0.0		0.0	0.0	0.0		0.0		0.0	0.0	0.0
Total Delay	46.6	4.9		13.7	23.7	3.3		43.0		68.1	68.1	9.3

Lane Group	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
LOS	D	A		B	C	A		D		E	E	A
Approach Delay		18.7			13.8			43.0			43.8	
Approach LOS		B			B			D			D	
Queue Length 50th (ft)	149	85		42	290	51		78		189	189	53
Queue Length 95th (ft)	m#305	89		m36	m243	m34		#157		#341	#341	111
Internal Link Dist (ft)		808			177			8			126	
Turn Bay Length (ft)	160			150		150						
Base Capacity (vph)	392	1996		246	656	1156		298		336	336	729
Starvation Cap Reductn	0	0		0	0	0		0		0	0	0
Spillback Cap Reductn	0	0		0	0	0		0		0	0	0
Storage Cap Reductn	0	0		0	0	0		0		0	0	0
Reduced v/c Ratio	0.92	0.37		0.49	0.89	0.48		0.66		0.86	0.86	0.56

Area Type: Other
Cycle Length: 100
Actuated Cycle Length: 100
Offset: 31 (31%), Referenced to phase 2:EBTL and 6:WBTL, Start of Green
Natural Cycle: 80
Control Type: Actuated-Coordinated
Maximum v/c Ratio: 0.92
Intersection Signal Delay: 25.3 Intersection LOS: C
Intersection Capacity Utilization 78.0% ICU Level of Service D
Analysis Period (min) 15

\# 95th percentile volume exceeds capacity, queue may be longer.
Queue shown is maximum after two cycles.
m Volume for 95th percentile queue is metered by upstream signal.

Splits and Phases: 7: U.S. Route 202 & Site Acess (West)

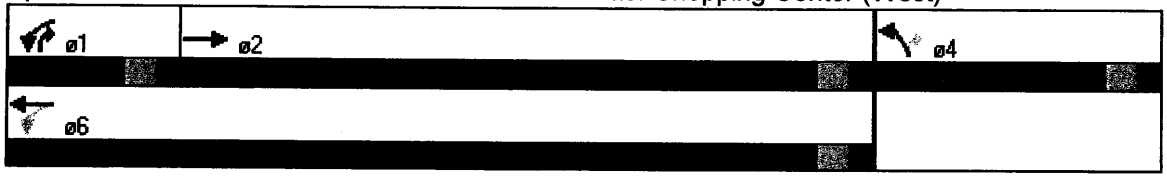


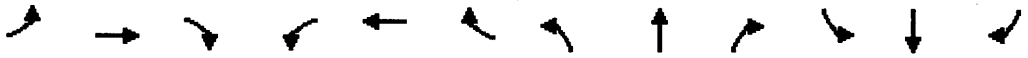
Lane Group	EBT	EBR	WBL	WBT	NBL	NBR
Lane Configurations	↑	↱	↰	↑	↰	↱
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900
Storage Length (ft)		325	100		0	0
Storage Lanes		1	1		1	1
Total Lost Time (s)	4.0	4.0	4.0	4.0	4.0	4.0
Leading Detector (ft)	50	50	50	50	50	50
Trailing Detector (ft)	0	0	0	0	0	0
Turning Speed (mph)		9	15		15	9
Lane Util. Factor	1.00	1.00	1.00	1.00	1.00	1.00
Frt		0.850				0.850
Flt Protected			0.950		0.950	
Satd. Flow (prot)	1863	1583	1770	1863	1770	1583
Flt Permitted			0.107		0.950	
Satd. Flow (perm)	1863	1583	199	1863	1770	1583
Right Turn on Red		Yes				Yes
Satd. Flow (RTOR)		74				116
Headway Factor	1.00	1.00	1.00	1.00	1.00	1.00
Link Speed (mph)	30			30	30	
Link Distance (ft)	2079			295	320	
Travel Time (s)	47.3			6.7	7.3	
Volume (vph)	800	117	192	789	95	107
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92
Adj. Flow (vph)	870	127	209	858	103	116
Lane Group Flow (vph)	870	127	209	858	103	116
Turn Type		Free	pm+pt			pm+ov
Protected Phases	2		1	6	4	1
Permitted Phases		Free	6			4
Detector Phases	2		1	6	4	1
Minimum Initial (s)	4.0		4.0	4.0	4.0	4.0
Minimum Split (s)	21.0		9.0	21.0	21.0	9.0
Total Split (s)	60.0	0.0	15.0	75.0	25.0	15.0
Total Split (%)	60.0%	0.0%	15.0%	75.0%	25.0%	15.0%
Maximum Green (s)	55.0		10.0	70.0	20.0	10.0
Yellow Time (s)	3.0		3.0	3.0	3.0	3.0
All-Red Time (s)	2.0		2.0	2.0	2.0	2.0
Lead/Lag	Lag		Lead			Lead
Lead-Lag Optimize?	Yes		Yes			Yes
Vehicle Extension (s)	3.0		3.0	3.0	3.0	3.0
Recall Mode	C-Max		None	C-Max	Max	None
Walk Time (s)	5.0			5.0	5.0	
Flash Dont Walk (s)	11.0			11.0	11.0	
Pedestrian Calls (#/hr)	0			0	0	
Act Effct Green (s)	57.4	100.0	71.0	71.0	21.0	34.6
Actuated g/C Ratio	0.57	1.00	0.71	0.71	0.21	0.35
v/c Ratio	0.81	0.08	0.72	0.65	0.28	0.19
Control Delay	25.2	0.1	27.6	7.3	35.5	5.0
Queue Delay	0.0	0.0	0.0	0.0	0.0	0.0
Total Delay	25.2	0.1	27.6	7.3	35.5	5.0
LOS	C	A	C	A	D	A

Lane Group	EBT	EBR	WBL	WBT	NBL	NBR
Approach Delay	22.0			11.3	19.4	
Approach LOS	C			B	B	
Queue Length 50th (ft)	424	0	35	83	55	0
Queue Length 95th (ft)	#631	0	m74	m307	104	36
Internal Link Dist (ft)	1999			215	249	
Turn Bay Length (ft)		325	100			
Base Capacity (vph)	1070	1583	314	1323	872	644
Starvation Cap Reductn	0	0	0	0	0	0
Spillback Cap Reductn	0	0	0	0	0	0
Storage Cap Reductn	0	0	0	0	0	0
Reduced v/c Ratio	0.81	0.08	0.67	0.65	0.28	0.18

Area Type: Other
Cycle Length: 100
Actuated Cycle Length: 100
Offset: 71 (71%), Referenced to phase 2:EBT and 6:WBTL, Start of Green
Natural Cycle: 80
Control Type: Actuated-Coordinated
Maximum v/c Ratio: 0.81
Intersection Signal Delay: 16.7 Intersection LOS: B
Intersection Capacity Utilization 68.0% ICU Level of Service C
Analysis Period (min) 15
95th percentile volume exceeds capacity, queue may be longer.
Queue shown is maximum after two cycles.
m Volume for 95th percentile queue is metered by upstream signal.

Splits and Phases: 8: U.S. Route 202 & Pace Setter Shopping Center (West)





Lane Group	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Storage Length (ft)	0		0	100		0	0		0	0		0
Storage Lanes	0		0	1		0	0		0	0		1
Turning Speed (mph)	15		9	15		9	15		9	15		9
Lane Util. Factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Frt		0.995			0.989			0.926				0.865
Flt Protected				0.950				0.978				
Satd. Flow (prot)	0	1853	0	1770	1842	0	0	1687	0	0	0	1611
Flt Permitted				0.950				0.978				
Satd. Flow (perm)	0	1853	0	1770	1842	0	0	1687	0	0	0	1611
Headway Factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Link Speed (mph)		30			30			30			30	
Link Distance (ft)		133			584			96			161	
Travel Time (s)		3.0			13.3			2.2			3.7	
Volume (vph)	0	1139	48	27	1110	86	27	0	32	0	0	21
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92
Adj. Flow (vph)	0	1238	52	29	1207	93	29	0	35	0	0	23
Lane Group Flow (vph)	0	1290	0	29	1300	0	0	64	0	0	0	23
Sign Control		Free			Free			Stop			Stop	

Intersection Summary

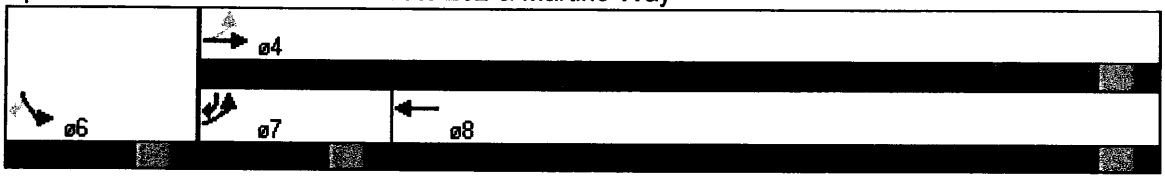
Area Type: Other
Control Type: Unsignalized
Intersection Capacity Utilization 80.4% ICU Level of Service D
Analysis Period (min) 15

Lane Group	EBL	EBT	WBT	WBR	SBL	SBR
Lane Configurations						
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900
Storage Length (ft)	120			0	100	0
Storage Lanes	1			0	1	1
Total Lost Time (s)	4.0	4.0	4.0	4.0	4.0	4.0
Leading Detector (ft)	50	50	50		50	50
Trailing Detector (ft)	0	0	0		0	0
Turning Speed (mph)	15			9	15	9
Lane Util. Factor	1.00	1.00	1.00	1.00	1.00	1.00
Frt			0.998			0.850
Flt Protected	0.950				0.950	
Satd. Flow (prot)	1770	1863	1859	0	1770	1583
Flt Permitted	0.111				0.950	
Satd. Flow (perm)	207	1863	1859	0	1770	1583
Right Turn on Red				Yes		Yes
Satd. Flow (RTOR)			2			80
Headway Factor	1.00	1.00	1.00	1.00	1.00	1.00
Link Speed (mph)		30	30		30	
Link Distance (ft)		1621	756		397	
Travel Time (s)		36.8	17.2		9.0	
Volume (vph)	53	829	867	16	16	74
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92
Adj. Flow (vph)	58	901	942	17	17	80
Lane Group Flow (vph)	58	901	959	0	17	80
Turn Type	pm+pt					pm+ov
Protected Phases	7	4	8		6	7
Permitted Phases	4					6
Detector Phases	7	4	8		6	7
Minimum Initial (s)	4.0	4.0	4.0		4.0	4.0
Minimum Split (s)	9.0	21.0	21.0		15.0	9.0
Total Split (s)	15.0	75.0	60.0	0.0	15.0	15.0
Total Split (%)	16.7%	83.3%	66.7%	0.0%	16.7%	16.7%
Maximum Green (s)	10.0	70.0	55.0		10.0	10.0
Yellow Time (s)	3.0	3.0	3.0		3.0	3.0
All-Red Time (s)	2.0	2.0	2.0		2.0	2.0
Lead/Lag	Lead		Lag			Lead
Lead-Lag Optimize?	Yes		Yes			Yes
Vehicle Extension (s)	3.0	3.0	3.0		3.0	3.0
Recall Mode	None	None	None		Max	None
Walk Time (s)		5.0	5.0			
Flash Dont Walk (s)		11.0	11.0			
Pedestrian Calls (#/hr)		0	0			
Act Effct Green (s)	50.5	50.6	41.7		12.3	24.1
Actuated g/C Ratio	0.68	0.70	0.58		0.17	0.33
v/c Ratio	0.18	0.69	0.89		0.06	0.14
Control Delay	3.5	7.9	24.3		34.0	6.9
Queue Delay	0.0	0.0	0.0		0.0	0.0
Total Delay	3.5	7.9	24.3		34.0	6.9
LOS	A	A	C		C	A

Lane Group	EBL	EBT	WBT	WBR	SBL	SBR
Approach Delay		7.7	24.3		11.7	
Approach LOS		A	C		B	
Queue Length 50th (ft)	5	157	345		7	0
Queue Length 95th (ft)	12	240	564		28	33
Internal Link Dist (ft)		1541	676		317	
Turn Bay Length (ft)	120				100	
Base Capacity (vph)	370	1470	1230		302	611
Starvation Cap Reductn	0	0	0		0	0
Spillback Cap Reductn	0	0	0		0	0
Storage Cap Reductn	0	0	0		0	0
Reduced v/c Ratio	0.16	0.61	0.78		0.06	0.13

Area Type: Other
Cycle Length: 90
Actuated Cycle Length: 71.8
Natural Cycle: 65
Control Type: Actuated-Uncoordinated
Maximum v/c Ratio: 0.89
Intersection Signal Delay: 15.8 Intersection LOS: B
Intersection Capacity Utilization 57.8% ICU Level of Service B
Analysis Period (min) 15

Splits and Phases: 10: U.S. Route 202 & Martino Way



Lane Group	EBT	EBR	WBL	WBT	NBL	NBR
Lane Configurations						
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900
Turning Speed (mph)		9	15		15	9
Lane Util. Factor	1.00	1.00	1.00	1.00	1.00	1.00
Frt	0.999					0.865
Flt Protected						
Satd. Flow (prot)	1861	0	0	1863	0	1611
Flt Permitted						
Satd. Flow (perm)	1861	0	0	1863	0	1611
Headway Factor	1.00	1.00	1.00	1.00	1.00	1.00
Link Speed (mph)	30			30	30	
Link Distance (ft)	295			888	334	
Travel Time (s)	6.7			20.2	7.6	
Volume (vph)	901	5	0	980	0	109
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92
Adj. Flow (vph)	979	5	0	1065	0	118
Lane Group Flow (vph)	984	0	0	1065	0	118
Sign Control	Free			Free	Stop	

Intersection	
Area Type:	Other
Control Type: Unsignalized	
Intersection Capacity Utilization 61.1%	ICU Level of Service B
Analysis Period (min) 15	

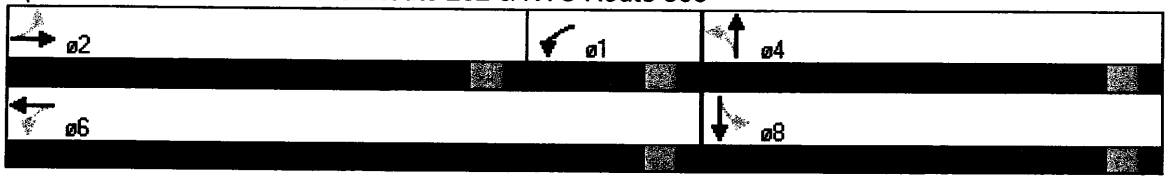
Lane Group	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Storage Length (ft)	65		0	200		0	0		0	0		0
Storage Lanes	1		0	1		0	0		0	0		0
Total Lost Time (s)	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Leading Detector (ft)	50	50		50	50		50	50		50	50	
Trailing Detector (ft)	0	0		0	0		0	0		0	0	
Turning Speed (mph)	15		9	15		9	15		9	15		9
Lane Util. Factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Frt		0.999			0.974			0.892			0.989	
Flt Protected	0.950			0.950				0.997			0.968	
Satd. Flow (prot)	1719	1861	0	1719	1805	0	0	1609	0	0	1732	0
Flt Permitted	0.333			0.349				0.983			0.756	
Satd. Flow (perm)	603	1861	0	632	1805	0	0	1587	0	0	1353	0
Right Turn on Red			Yes			Yes			Yes			Yes
Satd. Flow (RTOR)					17			205			5	
Headway Factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Link Speed (mph)		30			30			30			30	
Link Distance (ft)		771			2678			516			293	
Travel Time (s)		17.5			60.9			11.7			6.7	
Volume (vph)	37	405	2	168	389	82	16	32	195	40	16	5
Peak Hour Factor	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95
Heavy Vehicles (%)	5%	2%	5%	5%	2%	5%	5%	5%	5%	5%	5%	5%
Adj. Flow (vph)	39	426	2	177	409	86	17	34	205	42	17	5
Lane Group Flow (vph)	39	428	0	177	495	0	0	256	0	0	64	0
Turn Type	Perm			pm+pt			Perm			Perm		
Protected Phases		2		1	6			4			8	
Permitted Phases	2			6			4			8		
Detector Phases	2	2		1	6		4	4		8	8	
Minimum Initial (s)	4.0	4.0		4.0	4.0		4.0	4.0		4.0	4.0	
Minimum Split (s)	21.0	21.0		9.0	21.0		21.0	21.0		21.0	21.0	
Total Split (s)	45.0	45.0	0.0	15.0	60.0	0.0	40.0	40.0	0.0	40.0	40.0	0.0
Total Split (%)	45.0%	45.0%	0.0%	15.0%	60.0%	0.0%	40.0%	40.0%	0.0%	40.0%	40.0%	0.0%
Maximum Green (s)	40.0	40.0		10.0	55.0		35.0	35.0		35.0	35.0	
Yellow Time (s)	3.0	3.0		3.0	3.0		3.0	3.0		3.0	3.0	
All-Red Time (s)	2.0	2.0		2.0	2.0		2.0	2.0		2.0	2.0	
Lead/Lag	Lead	Lead		Lag								
Lead-Lag Optimize?	Yes	Yes		Yes								
Vehicle Extension (s)	3.0	3.0		3.0	3.0		3.0	3.0		3.0	3.0	
Recall Mode	Max	Max		None	Max		None	None		None	None	
Walk Time (s)	5.0	5.0			5.0		5.0	5.0		5.0	5.0	
Flash Dont Walk (s)	11.0	11.0			11.0		11.0	11.0		11.0	11.0	
Pedestrian Calls (#/hr)	0	0			0		0	0		0	0	
Act Effct Green (s)	41.2	41.2		56.2	56.2			10.5			10.5	
Actuated g/C Ratio	0.55	0.55		0.75	0.75			0.14			0.14	
v/c Ratio	0.12	0.42		0.28	0.36			0.64			0.33	
Control Delay	10.5	12.1		5.5	4.4			15.7			31.2	
Queue Delay	0.0	0.0		0.0	0.0			0.0			0.0	
Total Delay	10.5	12.1		5.5	4.4			15.7			31.2	

Lane Group	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
LOS	B	B		A	A		B			C		
Approach Delay		11.9			4.7		15.7			31.2		
Approach LOS		B			A		B			C		
Queue Length 50th (ft)	8	102		16	52		21			25		
Queue Length 95th (ft)	27	205		47	135		86			69		
Internal Link Dist (ft)		691			2598		436			213		
Turn Bay Length (ft)	65			200								
Base Capacity (vph)	332	1026		636	1362		702			490		
Starvation Cap Reductn	0	0		0	0		0			0		
Spillback Cap Reductn	0	0		0	0		0			0		
Storage Cap Reductn	0	0		0	0		0			0		
Reduced v/c Ratio	0.12	0.42		0.28	0.36		0.36			0.13		

Intersection Summary

Area Type: Other
Cycle Length: 100
Actuated Cycle Length: 74.7
Natural Cycle: 55
Control Type: Actuated-Uncoordinated
Maximum v/c Ratio: 0.64
Intersection Signal Delay: 10.1 Intersection LOS: B
Intersection Capacity Utilization 58.2% ICU Level of Service B
Analysis Period (min) 15

Splits and Phases: 12: U.S. Route 202 & NYS Route 306

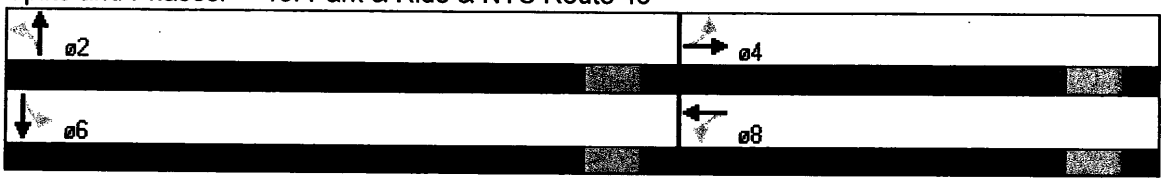


Lane Group	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Total Lost Time (s)	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Leading Detector (ft)	50	50		50	50		50	50		50	50	
Trailing Detector (ft)	0	0		0	0		0	0		0	0	
Turning Speed (mph)	15		9	15		9	15		9	15		9
Lane Util. Factor	1.00	1.00	1.00	1.00	1.00	1.00	0.91	0.91	0.91	1.00	1.00	1.00
Frt		0.968			0.963			0.986			0.996	
Flt Protected		0.963			0.965						0.998	
Satd. Flow (prot)	0	1736	0	0	1731	0	0	5014	0	0	1852	0
Flt Permitted		0.831			0.793			0.937			0.975	
Satd. Flow (perm)	0	1498	0	0	1423	0	0	4698	0	0	1809	0
Right Turn on Red			Yes			Yes			Yes			Yes
Satd. Flow (RTOR)		5			35			44			4	
Headway Factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Link Speed (mph)		30			30			30			30	
Link Distance (ft)		217			405			345			271	
Travel Time (s)		4.9			9.2			7.8			6.2	
Volume (vph)	15	0	5	97	0	37	5	499	53	16	451	15
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92
Adj. Flow (vph)	16	0	5	105	0	40	5	542	58	17	490	16
Lane Group Flow (vph)	0	21	0	0	145	0	0	605	0	0	523	0
Turn Type	Perm			Perm			Perm			Perm		
Protected Phases		4			8			2			6	
Permitted Phases	4			8			2			6		
Detector Phases	4	4		8	8		2	2		6	6	
Minimum Initial (s)	4.0	4.0		4.0	4.0		4.0	4.0		4.0	4.0	
Minimum Split (s)	21.0	21.0		21.0	21.0		21.0	21.0		21.0	21.0	
Total Split (s)	25.0	25.0	0.0	25.0	25.0	0.0	35.0	35.0	0.0	35.0	35.0	0.0
Total Split (%)	41.7%	41.7%	0.0%	41.7%	41.7%	0.0%	58.3%	58.3%	0.0%	58.3%	58.3%	0.0%
Maximum Green (s)	20.0	20.0		20.0	20.0		30.0	30.0		30.0	30.0	
Yellow Time (s)	3.0	3.0		3.0	3.0		3.0	3.0		3.0	3.0	
All-Red Time (s)	2.0	2.0		2.0	2.0		2.0	2.0		2.0	2.0	
Lead/Lag												
Lead-Lag Optimize?												
Vehicle Extension (s)	3.0	3.0		3.0	3.0		3.0	3.0		3.0	3.0	
Recall Mode	None	None		None	None		Min	Min		Min	Min	
Walk Time (s)	5.0	5.0		5.0	5.0		5.0	5.0		5.0	5.0	
Flash Dont Walk (s)	11.0	11.0		11.0	11.0		11.0	11.0		11.0	11.0	
Pedestrian Calls (#/hr)	0	0		0	0		0	0		0	0	
Act Effct Green (s)		12.3			12.3			36.6			36.6	
Actuated g/C Ratio		0.21			0.21			0.65			0.65	
v/c Ratio		0.07			0.44			0.20			0.45	
Control Delay		10.6			13.5			4.2			7.0	
Queue Delay		0.0			0.0			0.0			0.2	
Total Delay		10.6			13.6			4.2			7.2	
LOS		B			B			A			A	
Approach Delay		10.6			13.6			4.2			7.2	
Approach LOS		B			B			A			A	

Lane Group	EBL	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Queue Length 50th (ft)	2		18				18			57	
Queue Length 95th (ft)	15		61				41			149	
Internal Link Dist (ft)	137		325				265			191	
Turn Bay Length (ft)											
Base Capacity (vph)	526		520				3305			1269	
Starvation Cap Reductn	0		0				0			226	
Spillback Cap Reductn	6		6				75			0	
Storage Cap Reductn	0		0				0			0	
Reduced v/c Ratio	0.04		0.28				0.19			0.50	

Area Type: Other
Cycle Length: 60
Actuated Cycle Length: 56.4
Natural Cycle: 45
Control Type: Actuated-Uncoordinated
Maximum v/c Ratio: 0.45
Intersection Signal Delay: 6.6 Intersection LOS: A
Intersection Capacity Utilization 52.7% ICU Level of Service A
Analysis Period (min) 15

Splits and Phases: 13: Park & Ride & NYS Route 45

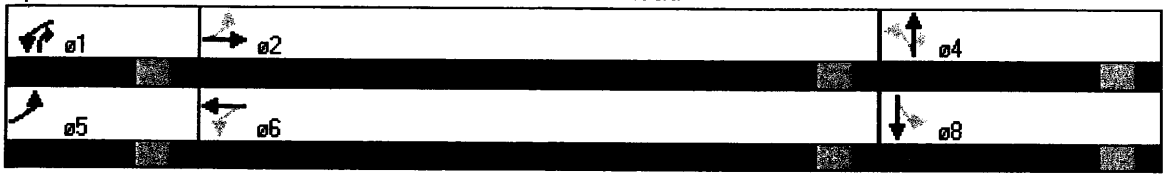


Lane Group	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Lane Width (ft)	11	11	12	11	12	12	12	10	10	12	16	12
Storage Length (ft)	115		0	130		0	0		75	0		0
Storage Lanes	1		0	1		0	0		1	0		0
Total Lost Time (s)	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Leading Detector (ft)	50	50		50	50		50	50	50	50	50	
Trailing Detector (ft)	0	0		0	0		0	0	0	0	0	
Turning Speed (mph)	15		9	15		9	15		9	15		9
Lane Util. Factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Frt		0.990			0.993				0.850		0.975	
Flt Protected	0.950			0.950				0.950			0.961	
Satd. Flow (prot)	1711	1783	0	1711	1850	0	0	1652	1478	0	1978	0
Flt Permitted	0.122			0.145				0.743			0.751	
Satd. Flow (perm)	220	1783	0	261	1850	0	0	1292	1478	0	1546	0
Right Turn on Red			Yes			Yes			Yes			Yes
Satd. Flow (RTOR)		6			4				58		11	
Headway Factor	1.04	1.04	1.00	1.04	1.00	1.00	1.00	1.09	1.09	1.00	0.85	1.00
Link Speed (mph)		30			30			30			30	
Link Distance (ft)		561			602			295			370	
Travel Time (s)		12.8			13.7			6.7			8.4	
Volume (vph)	17	693	50	27	736	37	55	0	53	53	0	12
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92
Adj. Flow (vph)	18	753	54	29	800	40	60	0	58	58	0	13
Lane Group Flow (vph)	18	807	0	29	840	0	0	60	58	0	71	0
Turn Type	pm+pt			pm+pt			Perm		pm+ov	Perm		
Protected Phases	5	2		1	6			4	1		8	
Permitted Phases	2			6			4		4	8		
Detector Phases	5	2		1	6		4	4	1	8	8	
Minimum Initial (s)	4.0	4.0		4.0	4.0		4.0	4.0	4.0	4.0	4.0	
Minimum Split (s)	9.0	21.0		9.0	21.0		21.0	21.0	9.0	21.0	21.0	
Total Split (s)	15.0	53.0	0.0	15.0	53.0	0.0	22.0	22.0	15.0	22.0	22.0	0.0
Total Split (%)	16.7%	58.9%	0.0%	16.7%	58.9%	0.0%	24.4%	24.4%	16.7%	24.4%	24.4%	0.0%
Maximum Green (s)	10.0	48.0		10.0	48.0		17.0	17.0	10.0	17.0	17.0	
Yellow Time (s)	3.0	3.0		3.0	3.0		3.0	3.0	3.0	3.0	3.0	
All-Red Time (s)	2.0	2.0		2.0	2.0		2.0	2.0	2.0	2.0	2.0	
Lead/Lag	Lead	Lag		Lead	Lag				Lead			
Lead-Lag Optimize?	Yes	Yes		Yes	Yes				Yes			
Vehicle Extension (s)	3.0	3.0		3.0	3.0		3.0	3.0	3.0	3.0	3.0	
Recall Mode	None	Max		None	Max		None	None	None	None	None	
Walk Time (s)		5.0			5.0		5.0	5.0		5.0	5.0	
Flash Dont Walk (s)		11.0			11.0		11.0	11.0		11.0	11.0	
Pedestrian Calls (#/hr)		0			0		0	0		0	0	
Act Effct Green (s)	66.9	61.5		70.0	68.7			10.9	20.6		10.8	
Actuated g/C Ratio	0.69	0.70		0.78	0.78			0.12	0.23		0.12	
v/c Ratio	0.07	0.65		0.09	0.58			0.38	0.15		0.36	
Control Delay	4.6	12.6		3.3	8.2			38.1	7.0		31.4	
Queue Delay	0.0	0.0		0.0	0.0			0.0	0.0		0.0	
Total Delay	4.6	12.6		3.3	8.2			38.1	7.0		31.4	

Lane Group	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
LOS	A	B		A	A			D	A		C	
Approach Delay		12.5			8.0			22.8			31.4	
Approach LOS		B			A			C			C	
Queue Length 50th (ft)	2	231		2	127			27	0		27	
Queue Length 95th (ft)	7	449		9	451			63	26		64	
Internal Link Dist (ft)		481			522			215			290	
Turn Bay Length (ft)	115			130					75			
Base Capacity (vph)	321	1250		372	1449			247	379		305	
Starvation Cap Reductn	0	0		0	0			0	0		0	
Spillback Cap Reductn	0	0		0	0			0	0		0	
Storage Cap Reductn	0	0		0	0			0	0		0	
Reduced v/c Ratio	0.06	0.65		0.08	0.58			0.24	0.15		0.23	

Area Type: Other
Cycle Length: 90
Actuated Cycle Length: 87.8
Natural Cycle: 70
Control Type: Actuated-Uncoordinated
Maximum v/c Ratio: 0.65
Intersection Signal Delay: 11.8 Intersection LOS: B
Intersection Capacity Utilization 58.0% ICU Level of Service B
Analysis Period (min) 15

Splits and Phases: 14: U.S. Route 202 & Balsam Road



Lane Group	NBL	NBT	SBT	SBR	NEL	NER
Lane Configurations		↑	↱			
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900
Turning Speed (mph)	15			9	15	9
Lane Util. Factor	1.00	1.00	1.00	1.00	1.00	1.00
Frt			0.972			
Flt Protected						
Satd. Flow (prot)	0	1863	1811	0	0	0
Flt Permitted						
Satd. Flow (perm)	0	1863	1811	0	0	0
Headway Factor	1.00	1.00	1.00	1.00	1.00	1.00
Link Speed (mph)		30	30		30	
Link Distance (ft)		175	345		567	
Travel Time (s)		4.0	7.8		12.9	
Volume (vph)	0	507	429	112	0	0
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92
Adj. Flow (vph)	0	551	466	122	0	0
Lane Group Flow (vph)	0	551	588	0	0	0
Sign Control		Free	Free		Free	

Intersection	
Area Type:	Other
Control Type: Unsignalized	
Intersection Capacity Utilization 32.7%	ICU Level of Service A
Analysis Period (min) 15	

Appendix E

Accident Data

NYSDOT Safety Information Management System
Summary Report By Segment And/Or Intersection
Intersection & Non-Intersection Accidents
Complete Accident Data From NYSDMV Is Only Available thru 31-DEC-2007

ROUTE: 202 HIGHWAY LOCATION: 202 85011053 - 202 85011104 DATES: 01-JAN-2003 - 31-DEC-2007

REFERENCE	INT.	DESCRIPTION	NUMBER OF ACCIDENTS											
			TOTAL	FTL	INJ	PDO	N/R	WET ROAD	FIXED OBJ **	PED& BIKE **	TRUCK *** **	LIGHT CONDITION DWN/DSK **	DAY **	NIGHT **
202 8501 1072			5	0	1	2	2	0	0	0	0	0	3	1
202 8501 1072	21	COTTAGE LA	1	0	1	0	0	0	1	0	0	0	1	0
202 8501 1073			7	0	4	1	2	0	3	0	0	0	3	4
202 8501 1073	01	OLD RT 202 (WEST INTERSECTION)	3	0	2	1	0	0	0	0	0	0	2	0
202 8501 1074		RAMAPO TOWN/POMONA VIL LINE	21	0	2	13	6	7	2	0	0	1	8	4
202 8501 1074	23	JCT NY 306 - OLD NY 306	10	0	8	2	0	1	0	0	0	0	6	2
202 8501 1075			3	0	2	1	0	1	1	0	0	0	1	2
202 8501 1077			2	0	0	1	1	0	2	0	0	0	1	1
202 8501 1079			1	0	0	1	0	1	0	0	0	0	0	1
202 8501 1080			1	0	1	0	0	0	0	0	0	0	0	1
202 8501 1081		POMONA VIL/RAMAPO TOWN LINE	15	0	6	2	7	4	2	0	1	0	11	3
202 8501 1081	01	CAMP HILL RD	13	0	8	5	0	0	1	0	0	0	7	3
202 8501 1082			8	0	4	2	2	0	0	0	0	0	7	0
202 8501 1082	00	INVALID INTERSECTION NUMBER	2	0	1	0	1	0	0	0	0	0	2	0
202 8501 1083			1	0	1	0	0	0	0	0	0	0	1	0
202 8501 1083	01	OLD RT 202 (EAST INTERSECTION)	1	0	1	0	0	1	0	0	0	0	0	1
202 8501 1083	00	INVALID INTERSECTION NUMBER	1	0	0	0	1	0	0	0	0	0	1	0
202 8501 1084			6	0	3	0	3	2	1	0	0	0	5	1
202 8501 1084	01	INVALID INTERSECTION NUMBER	1	0	1	0	0	0	0	0	0	0	0	1
202 8501 1085			10	0	7	2	1	3	0	0	0	1	7	1
202 8501 1085	01	PACESETTER PARK DR (STRIP MALL)	3	0	2	1	0	1	0	0	0	0	1	2
202 8501 1086			10	0	4	1	5	1	0	0	1	0	8	1
202 8501 1087			9	0	7	0	2	4	0	0	1	1	6	1
202 8501 1087	00	INVALID INTERSECTION NUMBER	1	0	1	0	0	1	0	0	0	0	1	0
202 8501 1087	01	INVALID INTERSECTION NUMBER	1	0	0	0	1	0	0	0	0	0	1	0
202 8501 1088			8	0	4	3	1	2	0	0	0	1	6	0
202 8501 1089			33	0	15	8	10	11	0	0	2	0	22	9

** EXCLUDES PARTIALLY CODED NON-REPORTABLES

*** EXCLUDES PICKUPS & VANS

NYSDOT Safety Information Management System
Summary Report By Segment And/Or Intersection
Intersection & Non-Intersection Accidents
Complete Accident Data From NYSDMV Is Only Available thru 31-DEC-2007

ROUTE: 202 HIGHWAY LOCATION: 202 85011053 - 202 85011104 DATES: 01-JAN-2003 - 31-DEC-2007

REFERENCE	INT.	DESCRIPTION	NUMBER OF ACCIDENTS												
			TOTAL	FTL	INJ	PDO	N/R	WET ROAD	FIXED OBJ **	PED& BIKE **	TRUCK *** **	LIGHT CONDITION DWN/DSK **	LIGHT CONDITION DAY **	LIGHT CONDITION NIGHT **	
202 8501 1089	55	INVALID INTERSECTION NUMBER	2	0	0	2	0	1	0	0	0	0	2	0	
202 8501 1089	00	INVALID INTERSECTION NUMBER	4	0	1	2	1	0	0	0	0	1	2	0	
202 8501 1090		RAMAPO TOWN/HAVERSTRAW TOWN LIN	19	0	8	9	2	2	1	0	0	2	7	7	
202 8501 1090	55	RAMPS FROM/TO PIP SB-DINER	9	0	6	3	0	4	1	0	0	0	8	0	
202 8501 1090	99	INVALID INTERSECTION NUMBER	1	0	0	1	0	0	0	0	0	0	0	0	
202 8501 1090	00	INVALID INTERSECTION NUMBER	1	0	1	0	0	1	0	0	0	0	1	0	
202 8501 1090	45	INVALID INTERSECTION NUMBER	1	0	1	0	0	1	0	0	0	0	1	0	
202 8501 1091			17	0	14	3	0	5	0	0	1	0	12	3	
202 8501 1091	33	MT IVY RD CR 59/ PARKING STN.	26	0	23	3	0	6	0	1	0	1	18	4	
202 8501 1091	00	INVALID INTERSECTION NUMBER	1	0	1	0	0	0	0	0	0	0	0	0	
202 8501 1092			30	0	18	10	2	5	0	1	2	2	17	5	
45 8501 1085	53	JCT US 202 & NY 45	47	0	24	20	3	10	1	0	3	4	23	8	
202 8501 1092	99	INVALID INTERSECTION NUMBER	1	0	1	0	0	0	0	0	0	0	1	0	
202 8501 1092	00	INVALID INTERSECTION NUMBER	6	0	5	0	1	2	0	0	0	0	2	2	
202 8501 1092	33	INVALID INTERSECTION NUMBER	1	0	1	0	0	0	0	0	0	0	0	1	
202 8501 1092	53	INVALID INTERSECTION NUMBER	3	0	2	1	0	1	0	0	0	0	3	0	
202 8501 1093			7	1	4	1	1	0	0	1	0	0	5	2	
202 8501 1093	37	OLD RTE 202	4	0	3	1	0	0	0	0	0	1	1	1	
202 8501 1095			1	0	1	0	0	0	0	0	0	0	1	0	
202 8501 1096			1	0	0	1	0	0	0	0	0	0	0	1	
202 8501 1098			1	0	0	1	0	0	0	0	0	0	0	1	
202 8501 1098	00	INVALID INTERSECTION NUMBER	1	0	1	0	0	0	0	0	0	0	1	0	
202 8501 1099			7	0	5	2	0	2	0	0	0	0	5	1	
202 8501 1103			4	0	3	1	0	0	0	0	0	0	4	0	
202 8501 1104			13	0	10	3	0	5	0	0	1	0	9	3	
202 8501 1104	46	BALSOM RD	10	0	8	2	0	5	0	1	0	1	5	2	

** EXCLUDES PARTIALLY CODED NON-REPORTABLES

*** EXCLUDES PICKUPS & VANS

NYSDOT Safety Information Management System
Accident Verbal Description Report
Intersection & Non-Intersection Accidents
Complete Accident Data From NYSDMV Is Only Available thru 31-DEC-2007

Route: 202 Highway Location Ref Mrkr Range: 202 85011053 - 202 85011104 Dates: 01-JAN-2003 - 31-DEC-2007

*** Ref Mrkr: 202 8501 1073 INTERSECTION ACCIDENTS - OLD RT 202 (WEST INTERSECTION) *** (Continued)

Num of Occupants: 1 Drivers Age: 65 Sex: MALE Citation Issued: NO
Direction of Travel: SOUTH Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: MAKING LEFT TURN
Apparent Factors: FAILURE TO YIELD RIGHT OF WAY UNKNOWN

*** Ref Mrkr: 202 8501 1074 NON-INTERSECTION ACCIDENTS ***

MAY-27-2003 TUE 08:22 PM Case: 2003-30472122
Accident Class: NON-REPORTABLE Police Agency:RAMAPO TOWN PD Num of Veh: 1

OCT-08-2003 WED 08:00 AM Persons Killed: 0 Persons Injured: 0 Extent of Injuries: Case: 2003-31037138
Accident Class: PROPERTY DAMAGE Police Agency:NOT ENTERED Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: NONE
Manner of Collision: REAR END Weather: CLEAR
Road Surface Collision: DRY Road Char: CURVE AND LEVEL Light Condition: UNKNOWN
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: 2432 State of Registration: NY
Num of Occupants: 1 Drivers Age: 57 Sex: FEMALE Citation Issued: NO
Direction of Travel: SOUTH Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: GOING STRAIGHT AHEAD
Apparent Factors: NOT APPLICABLE NOT APPLICABLE

Veh: 2 OTHER Registered Weight: UNKNOWN State of Registration: UNKNOWN
Num of Occupants: UNKNOWN Drivers Age: UNKNOWN Sex: UNKNOWN Citation Issued: NO
Direction of Travel: SOUTH Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: SLOWED OR STOPPING
Apparent Factors: NOT APPLICABLE NOT APPLICABLE

NOV-01-2003 SAT 09:00 PM Persons Killed: 0 Persons Injured: 0 Extent of Injuries: Case: 2003-31056791
Accident Class: PROPERTY DAMAGE Police Agency:NOT ENTERED Num of Veh: 1
Type of Accident: COLLISION WITH DEER Traffic Control: UNKNOWN
Manner of Collision: OTHER Weather: UNKNOWN
Road Surface Collision: UNKNOWN Road Char: UNKNOWN Light Condition: UNKNOWN
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: 3137 State of Registration: NY
Num of Occupants: 1 Drivers Age: 52 Sex: MALE Citation Issued: NO
Direction of Travel: UNKNOWN Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: UNKNOWN
Apparent Factors: UNKNOWN UNKNOWN

JAN-12-2004 MON 05:30 PM Persons Killed: 0 Persons Injured: 0 Extent of Injuries: Case: 2004-NR0493419

NYSDOT Safety Information Management System
Accident Verbal Description Report
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Complete Accident Data From NYSDMV Is Only Available thru 31-DEC-2007

Route: 202 Highway Location Ref Mrkr Range: 202 85011053 - 202 85011104 Dates: 01-JAN-2003 - 31-DEC-2007

*** Ref Mrkr: 202 8501 1074 NON-INTERSECTION ACCIDENTS *** (Continued)

Accident Class: NON-REPORTABLE Police Agency: Num of Veh: 1
Type of Accident: COLLISION WITH DEER Traffic Control: NONE
Manner of Collision: OTHER Weather: SNOW
Road Surface Collision: WET Road Char: Light Condition: DUSK
Loc. of Ped/Bicycle: Action of Ped/Bicycle:

Veh: 1 OTHER Registered Weight: UNKNOWN State of Registration: UNKNOWN
Num of Occupants: UNKNOWN Drivers Age: UNKNOWN Sex: UNKNOWN Citation Issued: NO
Direction of Travel: WEST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: GOING STRAIGHT AHEAD
Apparent Factors: ANIMAL'S ACTION UNKNOWN

FEB-08-2004 SUN 12:30 AM Persons Killed: 0 Persons Injured: 0 Extent of Injuries: Case: 2004-31119218
Accident Class: PROPERTY DAMAGE Police Agency:NOT ENTERED Num of Veh: 1
Type of Accident: COLLISION WITH GUIDE RAIL Traffic Control: NONE
Manner of Collision: OTHER Weather: OTHER
Road Surface Collision: SNOW/ICE Road Char: CURVE AND LEVEL Light Condition: UNKNOWN
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: 2482 State of Registration: NY
Num of Occupants: 1 Drivers Age: 20 Sex: MALE Citation Issued: NO
Direction of Travel: EAST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: GOING STRAIGHT AHEAD
Apparent Factors: UNKNOWN UNKNOWN

JUN-10-2004 THU 01:33 PM Persons Killed: 0 Persons Injured: 0 Extent of Injuries: Case: 2004-NR1027864
Accident Class: NON-REPORTABLE Police Agency: Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: STOP SIGN
Manner of Collision: OTHER Weather: CLOUDY
Road Surface Collision: DRY Road Char: Light Condition: DAYLIGHT
Loc. of Ped/Bicycle: Action of Ped/Bicycle:

Veh: 1 OTHER Registered Weight: UNKNOWN State of Registration: UNKNOWN
Num of Occupants: UNKNOWN Drivers Age: UNKNOWN Sex: UNKNOWN Citation Issued: NO
Direction of Travel: SOUTH-WEST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: STOPPED IN TRAFFIC
Apparent Factors: UNKNOWN UNKNOWN

Veh: 2 OTHER Registered Weight: UNKNOWN State of Registration: UNKNOWN
Num of Occupants: UNKNOWN Drivers Age: UNKNOWN Sex: UNKNOWN Citation Issued: NO
Direction of Travel: SOUTH-WEST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: STARTING IN TRAFFIC
Apparent Factors: UNKNOWN UNKNOWN

NYSDOT Safety Information Management System
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Complete Accident Data From NYSDMV Is Only Available thru 31-DEC-2007

Route: 202 Highway Location Ref Mrkr Range: 202 85011053 - 202 85011104 Dates: 01-JAN-2003 - 31-DEC-2007

SEP-28-2004 TUE 07:52 AM Persons Killed: 0 Persons Injured: 0 Extent of Injuries: Case: 2004-NR1054777
Accident Class: NON-REPORTABLE Police Agency: Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: TRAFFIC SIGNAL
Manner of Collision: REAR END Weather: RAIN
Road Surface Collision: WET Road Char.: Light Condition: DAYLIGHT
Loc. of Ped/Bicycle: Action of Ped/Bicycle:

Veh: 1 OTHER Registered Weight: UNKNOWN State of Registration: UNKNOWN
Num of Occupants: UNKNOWN Drivers Age: UNKNOWN Sex: UNKNOWN Citation Issued: NO
Direction of Travel: WEST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: STOPPED IN TRAFFIC
Apparent Factors: UNKNOWN UNKNOWN

Veh: 2 OTHER Registered Weight: UNKNOWN State of Registration: UNKNOWN
Num of Occupants: UNKNOWN Drivers Age: UNKNOWN Sex: UNKNOWN Citation Issued: NO
Direction of Travel: WEST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: GOING STRAIGHT AHEAD
Apparent Factors: PAVEMENT SLIPPERY UNKNOWN

NOV-14-2004 SUN 11:28 AM Persons Killed: 0 Persons Injured: 0 Extent of Injuries: Case: 2004-NR1078906
Accident Class: NON-REPORTABLE Police Agency: Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: TRAFFIC SIGNAL
Manner of Collision: REAR END Weather: CLEAR
Road Surface Collision: DRY Road Char: Light Condition: DAYLIGHT
Loc. of Ped/Bicycle: INVALID CODE Action of Ped/Bicycle:

Veh: 1 OTHER Registered Weight: UNKNOWN State of Registration: UNKNOWN
Num of Occupants: UNKNOWN Drivers Age: UNKNOWN Sex: UNKNOWN Citation Issued: NO
Direction of Travel: WEST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: STOPPED IN TRAFFIC
Apparent Factors: UNKNOWN UNKNOWN

Veh: 2 OTHER Registered Weight: UNKNOWN State of Registration: UNKNOWN
Num of Occupants: UNKNOWN Drivers Age: UNKNOWN Sex: UNKNOWN Citation Issued: NO
Direction of Travel: WEST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: SLOWED OR STOPPING
Apparent Factors: FOLLOWING TOO CLOSELY UNKNOWN

NOV-21-2004 SUN 01:52 PM Persons Killed: 0 Persons Injured: 0 Extent of Injuries: Case: 2004-31342174
Accident Class: PROPERTY DAMAGE Police Agency:NOT ENTERED Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: TRAFFIC SIGNAL
Manner of Collision: SIDESWIPE Weather: CLOUDY
Road Surface Collision: DRY Road Char: STRAIGHT AND LEVEL Light Condition: DAYLIGHT
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Route: 202 Highway Location Ref Mrkr Range: 202 85011053 - 202 85011104 Dates: 01-JAN-2003 - 31-DEC-2007

*** Ref Mrkr: 202 8501 1074 NON-INTERSECTION ACCIDENTS *** (Continued)

Veh: 1 CAR/VAN/PICKUP — Registered Weight: 4073 — State of Registration: NY
Num of Occupants: 1 — Drivers Age: 52 — Sex: FEMALE — Citation Issued: NO
Direction of Travel: NORTH — Public Property Damage: NO — School Bus Involved: NO
Pre-Accd Action: GOING STRAIGHT AHEAD
Apparent Factors: UNKNOWN — UNKNOWN

Veh: 2 OTHER — Registered Weight: UNKNOWN — State of Registration: UNKNOWN
Num of Occupants: UNKNOWN — Drivers Age: UNKNOWN — Sex: UNKNOWN — Citation Issued: NO
Direction of Travel: SOUTH — Public Property Damage: NO — School Bus Involved: NO
Pre-Accd Action: MAKING LEFT TURN
Apparent Factors: UNKNOWN — UNKNOWN

NOV-30-2004 TUE 06:00 PM Persons Killed: 0 Persons Injured: 1 Extent of Injuries: B — Case: 2004-31361333
Accident Class: PROPERTY DAMAGE AND INJURY — Police Agency:NOT ENTERED — Num of Veh: 1
Type of Accident: COLL. W/LIGHT SUPPORT/UTILITY POLE — Traffic Control: NONE
Manner of Collision: OTHER — Weather: CLOUDY
Road Surface Collision: DRY — Road Char: STRAIGHT AND LEVEL — Light Condition: DARK-ROAD UNLIGHTED
Loc. of Ped/Bicycle: NOT APPLICABLE — Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP — Registered Weight: 3480 — State of Registration: NY
Num of Occupants: 1 — Drivers Age: 62 — Sex: FEMALE — Citation Issued: NO
Direction of Travel: EAST — Public Property Damage: NO — School Bus Involved: NO
Pre-Accd Action: GOING STRAIGHT AHEAD
Apparent Factors: UNKNOWN — UNKNOWN

DEC-10-2004 FRI Persons Killed: 0 Persons Injured: 0 Extent of Injuries: — Case: 2004-31338087
Accident Class: PROPERTY DAMAGE — Police Agency:NOT ENTERED — Num of Veh: 1
Type of Accident: COLLISION WITH DEER — Traffic Control: NONE
Manner of Collision: OTHER — Weather: RAIN
Road Surface Collision: WET — Road Char: CURVE AND GRADE — Light Condition: DARK-ROAD UNLIGHTED
Loc. of Ped/Bicycle: NOT APPLICABLE — Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP — Registered Weight: 3080 — State of Registration: NY
Num of Occupants: 1 — Drivers Age: 43 — Sex: MALE — Citation Issued: NO
Direction of Travel: SOUTH — Public Property Damage: NO — School Bus Involved: NO
Pre-Accd Action: GOING STRAIGHT AHEAD
Apparent Factors: UNKNOWN — UNKNOWN

DEC-15-2004 WED 05:30 PM Persons Killed: 0 Persons Injured: 0 Extent of Injuries: — Case: 2004-31360516
Accident Class: PROPERTY DAMAGE — Police Agency:NOT ENTERED — Num of Veh: 1
Type of Accident: COLLISION WITH DEER — Traffic Control: NONE
Manner of Collision: OTHER — Weather: RAIN

NYSDOT Safety Information Management System
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Complete Accident Data From NYSDMV Is Only Available thru 31-DEC-2007

Route: 202 Highway Location Ref Mrkr Range: 202 85011053 - 202 85011104 Dates: 01-JAN-2003 - 31-DEC-2007

*** Ref Mrkr: 202 8501 1074 NON-INTERSECTION ACCIDENTS *** (Continued)

Road Surface Collision: WET Road Char: STRAIGHT AND LEVEL Light Condition: DARK-ROAD UNLIGHTED
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: 3142 State of Registration: NY
Num of Occupants: 1 Drivers Age: 27 Sex: MALE Citation Issued: NO
Direction of Travel: NORTH-EAST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: GOING STRAIGHT AHEAD
Apparent Factors: UNKNOWN UNKNOWN

MAR-18-2005 FRI 03:55 PM Persons Killed: 0 Persons Injured: 0 Extent of Injuries: Case: 2005-31437788
Accident Class: PROPERTY DAMAGE Police Agency:NOT ENTERED Num of Veh: 1
Type of Accident: COLLISION WITH DEER Traffic Control: NONE
Manner of Collision: OTHER Weather: CLEAR
Road Surface Collision: DRY Road Char: STRAIGHT AND LEVEL Light Condition: UNKNOWN
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: 3959 State of Registration: NY
Num of Occupants: 1 Drivers Age: 37 Sex: FEMALE Citation Issued: NO
Direction of Travel: EAST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: GOING STRAIGHT AHEAD
Apparent Factors: UNKNOWN UNKNOWN

MAR-19-2005 SAT 06:29 AM Case: 2005-31426429
Accident Class: NON-REPORTABLE Police Agency:RAMAPO TOWN PD Num of Veh: 0

JUL-13-2005 WED Persons Killed: 0 Persons Injured: 0 Extent of Injuries: Case: 2005-31613941
Accident Class: PROPERTY DAMAGE Police Agency:NOT ENTERED Num of Veh: 1
Type of Accident: COLLISION WITH DEER Traffic Control: NONE
Manner of Collision: OTHER Weather: CLOUDY
Road Surface Collision: DRY Road Char: STRAIGHT AND LEVEL Light Condition: DAYLIGHT
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: 3310 State of Registration: NY
Num of Occupants: 1 Drivers Age: 30 Sex: FEMALE Citation Issued: NO
Direction of Travel: SOUTH Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: GOING STRAIGHT AHEAD
Apparent Factors: UNKNOWN UNKNOWN

DEC-05-2005 MON 09:30 PM Persons Killed: 0 Persons Injured: 0 Extent of Injuries: Case: 2005-31663847
Accident Class: PROPERTY DAMAGE Police Agency:NOT ENTERED Num of Veh: 1
Type of Accident: COLLISION WITH DEER Traffic Control: UNKNOWN
Manner of Collision: OTHER Weather: UNKNOWN
Road Surface Collision: UNKNOWN Road Char: UNKNOWN Light Condition: UNKNOWN

NYSDOT Safety Information Management System
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Complete Accident Data From NYSDMV Is Only Available thru 31-DEC-2007

Route: 202 Highway Location Ref Mrkr Range: 202 85011053 - 202 85011104 Dates: 01-JAN-2003 - 31-DEC-2007

*** Ref Mrkr: 202 8501 1074 NON-INTERSECTION ACCIDENTS *** (Continued)

Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: 3118 State of Registration: NY
Num of Occupants: 1 Drivers Age: 74 Sex: FEMALE Citation Issued: NO
Direction of Travel: UNKNOWN Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: UNKNOWN
Apparent Factors: UNKNOWN UNKNOWN

SEP-10-2006 SUN 12:00 PM Persons Killed: 0 Persons Injured: 1 Extent of Injuries: C Case: 2006-31936784
Accident Class: INJURY Police Agency:RAMAPO TOWN PD Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: TRAFFIC SIGNAL
Manner of Collision: OVERTAKING Weather: CLEAR
Road Surface Collision: WET Road Char: STRAIGHT/ GRADE Light Condition: DAYLIGHT
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 MOTORCYCLE Registered Weight: UNKNOWN State of Registration: CT
Num of Occupants: 2 Drivers Age: 58 Sex: MALE Citation Issued: NO
Direction of Travel: WEST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: SLOWED OR STOPPING
Apparent Factors: DRIVER INATTENTION UNKNOWN

Veh: 2 MOTORCYCLE Registered Weight: 788 State of Registration: NY
Num of Occupants: 1 Drivers Age: 36 Sex: MALE Citation Issued: NO
Direction of Travel: WEST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: SLOWED OR STOPPING
Apparent Factors: DRIVER INATTENTION UNKNOWN

OCT-17-2006 TUE 01:00 AM Persons Killed: 0 Persons Injured: 0 Extent of Injuries: Case: 2006-31947611
Accident Class: PROPERTY DAMAGE Police Agency:NOT ENTERED Num of Veh: 1
Type of Accident: COLLISION WITH DEER Traffic Control: UNKNOWN
Manner of Collision: OTHER Weather: UNKNOWN
Road Surface Collision: UNKNOWN Road Char: UNKNOWN Light Condition: UNKNOWN
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: 4210 State of Registration: NY
Num of Occupants: 1 Drivers Age: 57 Sex: FEMALE Citation Issued: NO
Direction of Travel: NORTH Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: OTHER
Apparent Factors: UNKNOWN UNKNOWN

MAR-26-2007 MON 05:45 AM Persons Killed: 0 Persons Injured: 0 Extent of Injuries: Case: 2007-32157883
Accident Class: PROPERTY DAMAGE Police Agency:NOT ENTERED Num of Veh: 1
Type of Accident: COLLISION WITH DEER Traffic Control: NONE

NYSDOT Safety Information Management System
Accident Verbal Description Report
Intersection & Non-Intersection Accidents
Complete Accident Data From NYSDMV Is Only Available thru 31-DEC-2007

Route: 202 Highway Location Ref Mrkr Range: 202 85011053 - 202 85011104 Dates: 01-JAN-2003 - 31-DEC-2007

*** Ref Mrkr: 202 8501 1074 NON-INTERSECTION ACCIDENTS *** (Continued)

Manner of Collision: OTHER — Weather: OTHER
Road Surface Collision: DRY — Road Char: STRAIGHT AND LEVEL — Light Condition: DARK-ROAD UNLIGHTED
Loc. of Ped/Bicycle: NOT APPLICABLE — Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP — Registered Weight: 4524 — State of Registration: NY
Num of Occupants: 1 — Drivers Age: 56 — Sex: MALE — Citation Issued: NO
Direction of Travel: EAST — Public Property Damage: NO — School Bus Involved: NO
Pre-Accd Action: GOING STRAIGHT AHEAD
Apparent Factors: UNKNOWN — UNKNOWN

OCT-10-2007 WED 07:25 AM Persons Killed: 0 Persons Injured: 0 Extent of Injuries: Case: 2007-32355001
Accident Class: PROPERTY DAMAGE — Police Agency:RAMAPO TOWN PD — Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE — Traffic Control: TRAFFIC SIGNAL
Manner of Collision: REAR END — Weather: RAIN
Road Surface Collision: WET — Road Char: STRAIGHT/ GRADE — Light Condition: DAYLIGHT
Loc. of Ped/Bicycle: NOT APPLICABLE — Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP — Registered Weight: 2714 — State of Registration: NY
Num of Occupants: 1 — Drivers Age: 27 — Sex: FEMALE — Citation Issued: NO
Direction of Travel: WEST — Public Property Damage: NO — School Bus Involved: NO
Pre-Accd Action: STOPPED IN TRAFFIC
Apparent Factors: DRIVER INATTENTION — PAVEMENT SLIPPERY

Veh: 2 CAR/VAN/PICKUP — Registered Weight: 4189 — State of Registration: NY
Num of Occupants: 3 — Drivers Age: 38 — Sex: FEMALE — Citation Issued: NO
Direction of Travel: WEST — Public Property Damage: NO — School Bus Involved: NO
Pre-Accd Action: GOING STRAIGHT AHEAD
Apparent Factors: NOT APPLICABLE — UNKNOWN

OCT-26-2007 FRI 03:00 PM Persons Killed: 0 Persons Injured: 0 Extent of Injuries: Case: 2007-32390184
Accident Class: PROPERTY DAMAGE — Police Agency:RAMAPO TOWN PD — Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE — Traffic Control: TRAFFIC SIGNAL
Manner of Collision: REAR END — Weather: CLOUDY
Road Surface Collision: WET — Road Char: STRAIGHT AND LEVEL — Light Condition: DAYLIGHT
Loc. of Ped/Bicycle: NOT APPLICABLE — Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP — Registered Weight: 4277 — State of Registration: NY
Num of Occupants: 1 — Drivers Age: 31 — Sex: FEMALE — Citation Issued: NO
Direction of Travel: WEST — Public Property Damage: NO — School Bus Involved: NO
Pre-Accd Action: SLOWED OR STOPPING
Apparent Factors: UNKNOWN — UNKNOWN

Veh: 2 CAR/VAN/PICKUP — Registered Weight: 3518 — State of Registration: NY

NYSDOT Safety Information Management System
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Route: 202 Highway Location Ref Mrkr Range: 202 85011053 - 202 85011104 Dates: 01-JAN-2003 - 31-DEC-2007

*** Ref Mrkr: 202 8501 1074 NON-INTERSECTION ACCIDENTS *** (Continued)

Num of Occupants: 1 Drivers Age: 76 Sex: MALE Citation Issued: NO
Direction of Travel: WEST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: GOING STRAIGHT AHEAD
Apparent Factors: DRIVER INATTENTION FOLLOWING TOO CLOSELY

*** Ref Mrkr: 202 8501 1074 INTERSECTION ACCIDENTS - JCT NY 306 - OLD NY 306 ***

DEC-12-2003 FRI 09:50 AM Persons Killed: 0 Persons Injured: 1 Extent of Injuries: C Case: 2003-31093030
Accident Class: INJURY Police Agency:RAMAPO TOWN PD Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: TRAFFIC SIGNAL
Manner of Collision: REAR END Weather: CLEAR
Road Surface Collision: DRY Road Char: STRAIGHT AND LEVEL Light Condition: DAYLIGHT
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: 3064 State of Registration: NY
Num of Occupants: 1 Drivers Age: 28 Sex: MALE Citation Issued: NO
Direction of Travel: NORTH Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: GOING STRAIGHT AHEAD
Apparent Factors: DRIVER INATTENTION UNKNOWN

Veh: 2 CAR/VAN/PICKUP Registered Weight: 3528 State of Registration: NY
Num of Occupants: 1 Drivers Age: 27 Sex: MALE Citation Issued: NO
Direction of Travel: NORTH Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: STOPPED IN TRAFFIC
Apparent Factors: NOT APPLICABLE UNKNOWN

JAN-22-2004 THU 06:47 PM Persons Killed: 0 Persons Injured: 1 Extent of Injuries: C Case: 2004-31162445
Accident Class: PROPERTY DAMAGE AND INJURY Police Agency:RAMAPO TOWN PD Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: TRAFFIC SIGNAL
Manner of Collision: LEFT TURN (AGAINST OTHER CAR) Weather: CLOUDY
Road Surface Collision: DRY Road Char: STRAIGHT AND LEVEL Light Condition: DARK-ROAD LIGHTED
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: 3208 State of Registration: NY
Num of Occupants: 1 Drivers Age: 50 Sex: MALE Citation Issued: NO
Direction of Travel: EAST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: GOING STRAIGHT AHEAD
Apparent Factors: UNKNOWN UNKNOWN

Veh: 2 CAR/VAN/PICKUP Registered Weight: 3730 State of Registration: NY
Num of Occupants: 1 Drivers Age: 45 Sex: MALE Citation Issued: NO
Direction of Travel: SOUTH Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: MAKING LEFT TURN

NYSDOT Safety Information Management System
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Route: 202 Highway Location Ref Mrkr Range: 202 85011053 - 202 85011104 Dates: 01-JAN-2003 - 31-DEC-2007

*** Ref Mrkr: 202 8501 1074 INTERSECTION ACCIDENTS - JCT NY 306 - OLD NY 306 *** (Continued)

Apparent Factors: FAILURE TO YIELD RIGHT OF WAY UNKNOWN

NOV-16-2004 TUE 10:03 AM Persons Killed: 0 Persons Injured: 3 Extent of Injuries: CCC Case: 2004-31305076
Accident Class: PROPERTY DAMAGE AND INJURY Police Agency:RAMAPO TOWN PD Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: TRAFFIC SIGNAL
Manner of Collision: RIGHT ANGLE Weather: CLEAR
Road Surface Collision: DRY Road Char: STRAIGHT AND LEVEL Light Condition: DAYLIGHT
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: 4978 State of Registration: NY
Num of Occupants: 1 Drivers Age: 33 Sex: MALE Citation Issued: NO
Direction of Travel: EAST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: GOING STRAIGHT AHEAD
Apparent Factors: NOT APPLICABLE NOT APPLICABLE

Veh: 2 CAR/VAN/PICKUP Registered Weight: 3155 State of Registration: NY
Num of Occupants: 2 Drivers Age: 69 Sex: MALE Citation Issued: NO
Direction of Travel: NORTH-WEST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: MAKING LEFT TURN ON RED
Apparent Factors: TRAFFIC CONTROL DEVICES DISREGARDED NOT APPLICABLE

DEC-08-2004 WED Persons Killed: 0 Persons Injured: 0 Extent of Injuries: Case: 2004-31370436
Accident Class: PROPERTY DAMAGE Police Agency:NOT ENTERED Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: UNKNOWN
Manner of Collision: RIGHT ANGLE Weather: UNKNOWN
Road Surface Collision: UNKNOWN Road Char: UNKNOWN Light Condition: UNKNOWN
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: 4020 State of Registration: NY
Num of Occupants: 2 Drivers Age: 67 Sex: MALE Citation Issued: NO
Direction of Travel: UNKNOWN Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: UNKNOWN
Apparent Factors: UNKNOWN UNKNOWN

Veh: 2 CAR/VAN/PICKUP Registered Weight: 3738 State of Registration: NY
Num of Occupants: 1 Drivers Age: 41 Sex: FEMALE Citation Issued: NO
Direction of Travel: UNKNOWN Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: UNKNOWN
Apparent Factors: UNKNOWN UNKNOWN

MAR-02-2005 WED 02:34 PM Persons Killed: 0 Persons Injured: 1 Extent of Injuries: C Case: 2005-31408330
Accident Class: INJURY Police Agency:ROCKLAND CO SO Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: TRAFFIC SIGNAL

NYSDOT Safety Information Management System
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Route: 202 Highway Location Ref Mrkr Range: 202 85011053 - 202 85011104 Dates: 01-JAN-2003 - 31-DEC-2007

*** Ref Mrkr: 202 8501 1074 INTERSECTION ACCIDENTS - JCT NY 306 - OLD NY 306 *** (Continued)

Manner of Collision: REAR END Weather: CLEAR
Road Surface Collision: DRY Road Char: STRAIGHT/ GRADE Light Condition: DAYLIGHT
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: 3208 State of Registration: NY
Num of Occupants: 1 Drivers Age: 37 Sex: MALE Citation Issued: NO
Direction of Travel: NORTH Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: STOPPED IN TRAFFIC
Apparent Factors: NOT APPLICABLE NOT APPLICABLE

Veh: 2 CAR/VAN/PICKUP Registered Weight: 2943 State of Registration: NY
Num of Occupants: 1 Drivers Age: 21 Sex: FEMALE Citation Issued: YES
Direction of Travel: NORTH Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: GOING STRAIGHT AHEAD
Apparent Factors: FOLLOWING TOO CLOSELY NOT APPLICABLE

JUN-21-2005 TUE 10:49 AM Persons Killed: 0 Persons Injured: 2 Extent of Injuries: CC Case: 2005-31539348
Accident Class: INJURY Police Agency:RAMAPO TOWN PD Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: TRAFFIC SIGNAL
Manner of Collision: RIGHT ANGLE Weather: CLEAR
Road Surface Collision: DRY Road Char: STRAIGHT AND LEVEL Light Condition: DAYLIGHT
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: UNKNOWN State of Registration: NJ
Num of Occupants: 1 Drivers Age: 45 Sex: FEMALE Citation Issued: NO
Direction of Travel: EAST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: MAKING LEFT TURN
Apparent Factors: FAILURE TO YIELD RIGHT OF WAY UNKNOWN

Veh: 2 CAR/VAN/PICKUP Registered Weight: UNKNOWN State of Registration: CT
Num of Occupants: 1 Drivers Age: 37 Sex: FEMALE Citation Issued: NO
Direction of Travel: WEST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: GOING STRAIGHT AHEAD
Apparent Factors: UNKNOWN UNKNOWN

JUL-06-2005 WED 12:30 PM Persons Killed: 0 Persons Injured: 0 Extent of Injuries: Case: 2005-31511534
Accident Class: PROPERTY DAMAGE Police Agency:NOT ENTERED Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: TRAFFIC SIGNAL
Manner of Collision: REAR END Weather: CLEAR
Road Surface Collision: DRY Road Char: STRAIGHT AND LEVEL Light Condition: UNKNOWN
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: 3885 State of Registration: NY

NYSDOT Safety Information Management System
Accident Verbal Description Report
Intersection & Non-Intersection Accidents
Complete Accident Data From NYSDMV Is Only Available thru 31-DEC-2007

Route: 202 Highway Location Ref Mrkr Range: 202 85011053 - 202 85011104 Dates: 01-JAN-2003 - 31-DEC-2007

*** Ref Mrkr: 202 8501 1074 INTERSECTION ACCIDENTS - JCT NY 306 - OLD NY 306 *** (Continued)

Num of Occupants: 1 Drivers Age: 50 Sex: MALE Citation Issued: NO
Direction of Travel: NORTH-EAST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: MAKING RIGHT TURN
Apparent Factors: UNKNOWN UNKNOWN

Veh: 2 OTHER Registered Weight: UNKNOWN State of Registration: UNKNOWN
Num of Occupants: UNKNOWN Drivers Age: UNKNOWN Sex: UNKNOWN Citation Issued: NO
Direction of Travel: NORTH-EAST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: MAKING RIGHT TURN
Apparent Factors: UNKNOWN UNKNOWN

AUG-29-2005 MON 02:02 PM Persons Killed: 0 Persons Injured: 2 Extent of Injuries: BC Case: 2005-31579774
Accident Class: PROPERTY DAMAGE AND INJURY Police Agency:RAMAPO TOWN PD Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: TRAFFIC SIGNAL
Manner of Collision: RIGHT ANGLE Weather: CLEAR
Road Surface Collision: DRY Road Char: STRAIGHT AND LEVEL Light Condition: DAYLIGHT
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: 3135 State of Registration: NY
Num of Occupants: 6 Drivers Age: 21 Sex: MALE Citation Issued: YES
Direction of Travel: SOUTH-WEST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: MAKING LEFT TURN
Apparent Factors: UNKNOWN UNKNOWN

Veh: 2 CAR/VAN/PICKUP Registered Weight: 4119 State of Registration: NY
Num of Occupants: 1 Drivers Age: 61 Sex: MALE Citation Issued: NO
Direction of Travel: EAST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: GOING STRAIGHT AHEAD
Apparent Factors: UNKNOWN UNKNOWN

DEC-23-2005 FRI 03:19 PM Persons Killed: 0 Persons Injured: 1 Extent of Injuries: C Case: 2005-31708148
Accident Class: INJURY Police Agency:RAMAPO TOWN PD Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: TRAFFIC SIGNAL
Manner of Collision: LEFT TURN (AGAINST OTHER CAR) Weather: CLEAR
Road Surface Collision: DRY Road Char: STRAIGHT AND LEVEL Light Condition: DAYLIGHT
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: 2729 State of Registration: NY
Num of Occupants: 1 Drivers Age: 49 Sex: MALE Citation Issued: NO
Direction of Travel: EAST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: GOING STRAIGHT AHEAD
Apparent Factors: NOT APPLICABLE UNKNOWN

NYSDOT Safety Information Management System
Accident Verbal Description Report
Intersection & Non-Intersection Accidents
Complete Accident Data From NYSDMV Is Only Available thru 31-DEC-2007

Route: 202 Highway Location Ref Mrkr Range: 202 85011053 - 202 85011104 Dates: 01-JAN-2003 - 31-DEC-2007

*** Ref Mrkr: 202 8501 1074 INTERSECTION ACCIDENTS - JCT NY 306 - OLD NY 306 *** (Continued)

Veh: 2 CAR/VAN/PICKUP Registered Weight: 4357 State of Registration: NY
Num of Occupants: 2 Drivers Age: 16 Sex: MALE Citation Issued: NO
Direction of Travel: WEST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: MAKING LEFT TURN
Apparent Factors: TURNING IMPROPER DRIVER INEXPERIENCE

FEB-13-2006 MON 07:30 PM Persons Killed: 0 Persons Injured: 1 Extent of Injuries: B Case: 2006-31727890
Accident Class: PROPERTY DAMAGE AND INJURY Police Agency:RAMAPO TOWN PD Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: TRAFFIC SIGNAL
Manner of Collision: LEFT TURN (AGAINST OTHER CAR) Weather: CLOUDY
Road Surface Collision: WET Road Char: STRAIGHT/ GRADE Light Condition: DARK-ROAD LIGHTED
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: 2422 State of Registration: NY
Num of Occupants: 1 Drivers Age: 23 Sex: MALE Citation Issued: NO
Direction of Travel: NORTH-EAST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: GOING STRAIGHT AHEAD
Apparent Factors: NOT APPLICABLE UNKNOWN

Veh: 2 CAR/VAN/PICKUP Registered Weight: 3953 State of Registration: NY
Num of Occupants: 1 Drivers Age: 85 Sex: MALE Citation Issued: NO
Direction of Travel: SOUTH Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: MAKING LEFT TURN
Apparent Factors: FAILURE TO YIELD RIGHT OF WAY UNKNOWN

*** Ref Mrkr: 202 8501 1075 NON-INTERSECTION ACCIDENTS ***

APR-06-2005 WED 08:05 AM Persons Killed: 0 Persons Injured: 1 Extent of Injuries: C Case: 2005-31453064
Accident Class: INJURY Police Agency:RAMAPO TOWN PD Num of Veh: 1
Type of Accident: COLL. W/EARTH ELE./ROCK CUT/DITCH Traffic Control: NONE
Manner of Collision: OTHER Weather: CLEAR
Road Surface Collision: DRY Road Char: CURVE AND LEVEL Light Condition: DAYLIGHT
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: UNKNOWN State of Registration: PA
Num of Occupants: 1 Drivers Age: 27 Sex: FEMALE Citation Issued: NO
Direction of Travel: WEST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: GOING STRAIGHT AHEAD
Apparent Factors: DRIVER INATTENTION CELL PHONE (HAND HELD)

AUG-20-2007 MON 07:15 PM Persons Killed: 0 Persons Injured: 3 Extent of Injuries: CCC Case: 2007-32298443
Accident Class: PROPERTY DAMAGE AND INJURY Police Agency:HAVERSTRAW TOWN PD Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: NONE

NYSDOT Safety Information Management System
Accident Verbal Description Report
Intersection & Non-Intersection Accidents
Complete Accident Data From NYSDMV Is Only Available thru 31-DEC-2007

Route: 202 Highway Location Ref Mrkr Range: 202 85011053 - 202 85011104 Dates: 01-JAN-2003 - 31-DEC-2007

*** Ref Mrkr: 202 8501 1075 NON-INTERSECTION ACCIDENTS *** (Continued)

Manner of Collision: REAR END Weather: RAIN
Road Surface Collision: WET Road Char: STRAIGHT/ GRADE Light Condition: DARK-ROAD UNLIGHTED
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: 3031 State of Registration: NY
Num of Occupants: 2 Drivers Age: 47 Sex: FEMALE Citation Issued: NO
Direction of Travel: SOUTH Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: AVOIDING OBJECT IN ROADWAY
Apparent Factors: ANIMAL'S ACTION UNKNOWN

Veh: 2 CAR/VAN/PICKUP Registered Weight: 3230 State of Registration: NY
Num of Occupants: 1 Drivers Age: 24 Sex: FEMALE Citation Issued: NO
Direction of Travel: SOUTH Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: GOING STRAIGHT AHEAD
Apparent Factors: PAVEMENT SLIPPERY UNKNOWN

OCT-14-2007 SUN 07:47 PM Persons Killed: 0 Persons Injured: 0 Extent of Injuries: Case: 2007-32359249
Accident Class: PROPERTY DAMAGE Police Agency:RAMAPO TOWN PD Num of Veh: 1
Type of Accident: COLLISION WITH DEER Traffic Control: NO PASSING ZONE
Manner of Collision: OTHER Weather: CLEAR
Road Surface Collision: DRY Road Char: STRAIGHT AND LEVEL Light Condition: DARK-ROAD UNLIGHTED
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: 3028 State of Registration: NY
Num of Occupants: 2 Drivers Age: 52 Sex: MALE Citation Issued: NO
Direction of Travel: SOUTH-WEST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: GOING STRAIGHT AHEAD
Apparent Factors: ANIMAL'S ACTION NOT APPLICABLE

*** Ref Mrkr: 202 8501 1077 NON-INTERSECTION ACCIDENTS ***

NOV-30-2004 TUE 06:00 PM Persons Killed: 0 Persons Injured: 0 Extent of Injuries: Case: 2004-NR1110491
Accident Class: NON-REPORTABLE Police Agency: Num of Veh: 1
Type of Accident: COLL. W/LIGHT SUPPORT/UTILITY POLE Traffic Control: NONE
Manner of Collision: OTHER Weather: CLOUDY
Road Surface Collision: DRY Road Char: Light Condition: DARK-ROAD UNLIGHTED
Loc. of Ped/Bicycle: Action of Ped/Bicycle:

Veh: 1 OTHER Registered Weight: UNKNOWN State of Registration: UNKNOWN
Num of Occupants: UNKNOWN Drivers Age: UNKNOWN Sex: UNKNOWN Citation Issued: NO
Direction of Travel: EAST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: GOING STRAIGHT AHEAD
Apparent Factors: DRIVER INATTENTION UNKNOWN

NYSDOT Safety Information Management System
Accident Verbal Description Report
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Complete Accident Data From NYSDMV Is Only Available thru 31-DEC-2007

Route: 202 Highway Location Ref Mrkr Range: 202 85011053 - 202 85011104 Dates: 01-JAN-2003 - 31-DEC-2007

OCT-14-2007 SUN 10:33 AM Persons Killed: 0 Persons Injured: 0 Extent of Injuries: Case: 2007-32382783
Accident Class: PROPERTY DAMAGE Police Agency:RAMAPO TOWN PD Num of Veh: 1
Type of Accident: COLLISION WITH GUIDE RAIL Traffic Control: NONE
Manner of Collision: OTHER Weather: CLEAR
Road Surface Collision: DRY Road Char: STRAIGHT AND LEVEL Light Condition: DAYLIGHT
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: 3018 State of Registration: NY
Num of Occupants: 1 Drivers Age: 19 Sex: MALE Citation Issued: NO
Direction of Travel: EAST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: GOING STRAIGHT AHEAD
Apparent Factors: FELL ASLEEP UNKNOWN

*** Ref Mrkr: 202 8501 1079 NON-INTERSECTION ACCIDENTS ***

SEP-27-2007 THU 07:22 PM Persons Killed: 0 Persons Injured: 0 Extent of Injuries: Case: 2007-32336817
Accident Class: PROPERTY DAMAGE Police Agency:RAMAPO TOWN PD Num of Veh: 1
Type of Accident: COLLISION WITH DEER Traffic Control: NO PASSING ZONE
Manner of Collision: OTHER Weather: CLEAR
Road Surface Collision: WET Road Char: STRAIGHT AND LEVEL Light Condition: DARK-ROAD UNLIGHTED
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: 4175 State of Registration: NY
Num of Occupants: 1 Drivers Age: 64 Sex: MALE Citation Issued: NO
Direction of Travel: WEST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: GOING STRAIGHT AHEAD
Apparent Factors: ANIMAL'S ACTION NOT APPLICABLE

*** Ref Mrkr: 202 8501 1080 NON-INTERSECTION ACCIDENTS ***

FEB-15-2007 THU 06:20 PM Persons Killed: 0 Persons Injured: 1 Extent of Injuries: C Case: 2007-32103562
Accident Class: PROPERTY DAMAGE AND INJURY Police Agency:ROCKLAND CO SO Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: NO PASSING ZONE
Manner of Collision: REAR END Weather: CLEAR
Road Surface Collision: DRY Road Char: STRAIGHT AND LEVEL Light Condition: DARK-ROAD LIGHTED
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: 2706 State of Registration: NY
Num of Occupants: 1 Drivers Age: 24 Sex: FEMALE Citation Issued: NO
Direction of Travel: WEST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: STOPPED IN TRAFFIC
Apparent Factors: NOT APPLICABLE UNKNOWN

Veh: 2 CAR/VAN/PICKUP Registered Weight: 2463 State of Registration: NY

NYSDOT Safety Information Management System
Accident Verbal Description Report
Intersection & Non-Intersection Accidents
Complete Accident Data From NYSDMV Is Only Available thru 31-DEC-2007

Route: 202 Highway Location Ref Mrkr Range: 202 85011053 - 202 85011104 Dates: 01-JAN-2003 - 31-DEC-2007

*** Ref Mrkr: 202 8501 1080 NON-INTERSECTION ACCIDENTS *** (Continued)

Num of Occupants: 1 Drivers Age: 22 Sex: FEMALE Citation Issued: NO
Direction of Travel: WEST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: GOING STRAIGHT AHEAD
Apparent Factors: DRIVER INATTENTION UNKNOWN

*** Ref Mrkr: 202 8501 1081 NON-INTERSECTION ACCIDENTS ***

APR-02-2003 WED 05:37 AM Persons Killed: 0 Persons Injured: 0 Extent of Injuries: Case: 2003-NR0437012
Accident Class: NON-REPORTABLE Police Agency: Num of Veh: 1
Type of Accident: COLLISION WITH ANIMAL Traffic Control: NONE
Manner of Collision: RIGHT ANGLE Weather: CLOUDY
Road Surface Collision: WET Road Char: Light Condition: DARK-ROAD LIGHTED
Loc. of Ped/Bicycle: Action of Ped/Bicycle:

Veh: 1 OTHER Registered Weight: UNKNOWN State of Registration: UNKNOWN
Num of Occupants: UNKNOWN Drivers Age: UNKNOWN Sex: UNKNOWN Citation Issued: NO
Direction of Travel: EAST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: GOING STRAIGHT AHEAD
Apparent Factors: ANIMAL'S ACTION UNKNOWN

MAY-14-2003 WED 02:40 PM Persons Killed: 0 Persons Injured: 0 Extent of Injuries: Case: 2003-NR0425064
Accident Class: NON-REPORTABLE Police Agency: Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: TRAFFIC SIGNAL
Manner of Collision: REAR END Weather: CLEAR
Road Surface Collision: DRY Road Char: Light Condition: DAYLIGHT
Loc. of Ped/Bicycle: Action of Ped/Bicycle:

Veh: 1 OTHER Registered Weight: UNKNOWN State of Registration: UNKNOWN
Num of Occupants: UNKNOWN Drivers Age: UNKNOWN Sex: UNKNOWN Citation Issued: NO
Direction of Travel: EAST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: SLOWED OR STOPPING
Apparent Factors: UNKNOWN UNKNOWN

Veh: 2 OTHER Registered Weight: UNKNOWN State of Registration: UNKNOWN
Num of Occupants: UNKNOWN Drivers Age: UNKNOWN Sex: UNKNOWN Citation Issued: NO
Direction of Travel: EAST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: SLOWED OR STOPPING
Apparent Factors: FOLLOWING TOO CLOSELY UNKNOWN

JUN-22-2003 SUN 10:45 AM Persons Killed: 0 Persons Injured: 0 Extent of Injuries: Case: 2003-NR0345688
Accident Class: NON-REPORTABLE Police Agency: Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: TRAFFIC SIGNAL
Manner of Collision: OTHER Weather: RAIN

NYSDOT Safety Information Management System
Accident Verbal Description Report
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Complete Accident Data From NYSDMV Is Only Available thru 31-DEC-2007

Route: 202 Highway Location Ref Mrkr Range: 202 85011053 - 202 85011104 Dates: 01-JAN-2003 - 31-DEC-2007

*** Ref Mrkr: 202 8501 1081 NON-INTERSECTION ACCIDENTS *** (Continued)

Road Surface Collision: WET Road Char: Light Condition: DAYLIGHT
Loc. of Ped/Bicycle: Action of Ped/Bicycle:

Veh: 1 OTHER Registered Weight: UNKNOWN State of Registration: UNKNOWN
Num of Occupants: UNKNOWN Drivers Age: UNKNOWN Sex: UNKNOWN Citation Issued: NO
Direction of Travel: SOUTH-WEST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: OTHER
Apparent Factors: DRIVER INATTENTION UNKNOWN

Veh: 2 OTHER Registered Weight: UNKNOWN State of Registration: UNKNOWN
Num of Occupants: UNKNOWN Drivers Age: UNKNOWN Sex: UNKNOWN Citation Issued: NO
Direction of Travel: NORTH-EAST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: STOPPED IN TRAFFIC
Apparent Factors: UNKNOWN UNKNOWN

JUL-02-2003 WED 04:13 PM Persons Killed: 0 Persons Injured: 0 Extent of Injuries: Case: 2003-NR0294801
Accident Class: NON-REPORTABLE Police Agency: Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: TRAFFIC SIGNAL
Manner of Collision: REAR END Weather: CLOUDY
Road Surface Collision: DRY Road Char: Light Condition: DAYLIGHT
Loc. of Ped/Bicycle: Action of Ped/Bicycle:

Veh: 1 OTHER Registered Weight: UNKNOWN State of Registration: UNKNOWN
Num of Occupants: UNKNOWN Drivers Age: UNKNOWN Sex: UNKNOWN Citation Issued: NO
Direction of Travel: EAST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: STOPPED IN TRAFFIC
Apparent Factors: UNKNOWN UNKNOWN

Veh: 2 OTHER Registered Weight: UNKNOWN State of Registration: UNKNOWN
Num of Occupants: UNKNOWN Drivers Age: UNKNOWN Sex: UNKNOWN Citation Issued: NO
Direction of Travel: EAST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: GOING STRAIGHT AHEAD
Apparent Factors: FAILURE TO YIELD RIGHT OF WAY UNKNOWN

AUG-16-2003 SAT 05:11 AM Persons Killed: 0 Persons Injured: 1 Extent of Injuries: B Case: 2003-30547712
Accident Class: INJURY Police Agency:RAMAPO TOWN PD Num of Veh: 1
Type of Accident: COLL. W/LIGHT SUPPORT/UTILITY POLE Traffic Control: NONE
Manner of Collision: OTHER Weather: CLEAR
Road Surface Collision: DRY Road Char: CURVE AND LEVEL Light Condition: DARK-ROAD UNLIGHTED
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: 3198 State of Registration: NY
Num of Occupants: 1 Drivers Age: 53 Sex: MALE Citation Issued: NO

NYSDOT Safety Information Management System
Accident Verbal Description Report
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Complete Accident Data From NYSDMV Is Only Available thru 31-DEC-2007

Route: 202 Highway Location Ref Mrkr Range: 202 85011053 - 202 85011104 Dates: 01-JAN-2003 - 31-DEC-2007

*** Ref Mrkr: 202 8501 1081 NON-INTERSECTION ACCIDENTS *** (Continued)

Direction of Travel: EAST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: GOING STRAIGHT AHEAD
Apparent Factors: FELL ASLEEP UNKNOWN

OCT-02-2003 THU 10:42 AM Persons Killed: 0 Persons Injured: 0 Extent of Injuries: Case: 2003-31036166
Accident Class: PROPERTY DAMAGE Police Agency:NOT ENTERED Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: NONE
Manner of Collision: UNKNOWN Weather: CLEAR
Road Surface Collision: DRY Road Char: CURVE AND HILLCREST Light Condition: UNKNOWN
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: 2566 State of Registration: NY
Num of Occupants: 1 Drivers Age: 17 Sex: MALE Citation Issued: NO
Direction of Travel: WEST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: GOING STRAIGHT AHEAD
Apparent Factors: UNKNOWN UNKNOWN

Veh: 2 CAR/VAN/PICKUP Registered Weight: UNKNOWN State of Registration: FL
Num of Occupants: 1 Drivers Age: 32 Sex: FEMALE Citation Issued: NO
Direction of Travel: WEST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: MAKING LEFT TURN
Apparent Factors: UNKNOWN UNKNOWN

OCT-02-2003 THU 10:12 AM Persons Killed: 0 Persons Injured: 0 Extent of Injuries: Case: 2003-NR0412282
Accident Class: NON-REPORTABLE Police Agency: Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: NONE
Manner of Collision: OTHER Weather: CLOUDY
Road Surface Collision: DRY Road Char: Light Condition: DAYLIGHT
Loc. of Ped/Bicycle: Action of Ped/Bicycle:

Veh: 1 OTHER Registered Weight: UNKNOWN State of Registration: UNKNOWN
Num of Occupants: UNKNOWN Drivers Age: UNKNOWN Sex: UNKNOWN Citation Issued: NO
Direction of Travel: WEST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: MAKING RIGHT TURN
Apparent Factors: UNKNOWN UNKNOWN

Veh: 2 OTHER Registered Weight: UNKNOWN State of Registration: UNKNOWN
Num of Occupants: UNKNOWN Drivers Age: UNKNOWN Sex: UNKNOWN Citation Issued: NO
Direction of Travel: WEST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: GOING STRAIGHT AHEAD
Apparent Factors: PASSING OR LANE USAGE IMPROPERLY UNKNOWN

OCT-07-2003 TUE 08:27 AM Persons Killed: 0 Persons Injured: 0 Extent of Injuries: Case: 2003-30602252

NYSDOT Safety Information Management System
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Route: 202 Highway Location Ref Mrkr Range: 202 85011053 - 202 85011104 Dates: 01-JAN-2003 - 31-DEC-2007

*** Ref Mrkr: 202 8501 1081 NON-INTERSECTION ACCIDENTS *** (Continued)

Accident Class: NON-REPORTABLE Police Agency:RAMAPO TOWN PD Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: TRAFFIC SIGNAL
Manner of Collision: REAR END Weather: CLEAR
Road Surface Collision: DRY Road Char: CURVE AND LEVEL Light Condition: DAYLIGHT
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 OTHER Registered Weight: UNKNOWN State of Registration: UNKNOWN
Num of Occupants: 1 Drivers Age: UNKNOWN Sex: UNKNOWN Citation Issued: NO
Direction of Travel: WEST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: SLOWED OR STOPPING
Apparent Factors: FOLLOWING TOO CLOSELY UNKNOWN

Veh: 2 TRUCK Registered Weight: UNKNOWN State of Registration: NJ
Num of Occupants: 1 Drivers Age: 50 Sex: UNKNOWN Citation Issued: NO
Direction of Travel: WEST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: STOPPED IN TRAFFIC
Apparent Factors: NOT APPLICABLE UNKNOWN
Truck/Bus Clsf: NOT ENTERED

SEP-08-2004 WED 09:20 AM Persons Killed: 0 Persons Injured: 0 Extent of Injuries: Case: 2004-NR1067677
Accident Class: NON-REPORTABLE Police Agency: Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: TRAFFIC SIGNAL
Manner of Collision: REAR END Weather: RAIN
Road Surface Collision: WET Road Char: Light Condition: DAYLIGHT
Loc. of Ped/Bicycle: Action of Ped/Bicycle:

Veh: 1 OTHER Registered Weight: UNKNOWN State of Registration: UNKNOWN
Num of Occupants: UNKNOWN Drivers Age: UNKNOWN Sex: UNKNOWN Citation Issued: NO
Direction of Travel: WEST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: SLOWED OR STOPPING
Apparent Factors: PAVEMENT SLIPPERY UNKNOWN

Veh: 2 OTHER Registered Weight: UNKNOWN State of Registration: UNKNOWN
Num of Occupants: UNKNOWN Drivers Age: UNKNOWN Sex: UNKNOWN Citation Issued: NO
Direction of Travel: WEST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: SLOWED OR STOPPING
Apparent Factors: UNKNOWN UNKNOWN

DEC-31-2004 FRI 03:50 AM Persons Killed: 0 Persons Injured: 1 Extent of Injuries: B Case: 2004-31360577
Accident Class: PROPERTY DAMAGE AND INJURY Police Agency:ROCKLAND CO SO Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: NO PASSING ZONE
Manner of Collision: SIDESWIPE Weather: CLOUDY
Road Surface Collision: DRY Road Char: STRAIGHT/ GRADE Light Condition: DARK-ROAD LIGHTED

NYSDOT Safety Information Management System
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Route: 202 Highway Location Ref Mrkr Range: 202 85011053 - 202 85011104 Dates: 01-JAN-2003 - 31-DEC-2007

*** Ref Mrkr: 202 8501 1081 NON-INTERSECTION ACCIDENTS *** (Continued)

Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: 2533 State of Registration: NY
Num of Occupants: 3 Drivers Age: 19 Sex: FEMALE Citation Issued: NO
Direction of Travel: WEST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: GOING STRAIGHT AHEAD
Apparent Factors: NOT APPLICABLE UNKNOWN

Veh: 2 OTHER Registered Weight: UNKNOWN State of Registration: NJ
Num of Occupants: 1 Drivers Age: 25 Sex: FEMALE Citation Issued: NO
Direction of Travel: EAST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: GOING STRAIGHT AHEAD
Apparent Factors: FAILURE TO YIELD RIGHT OF WAY UNKNOWN

NOV-21-2005 MON 08:56 AM Persons Killed: 0 Persons Injured: 2 Extent of Injuries: CC Case: 2005-31646765
Accident Class: PROPERTY DAMAGE AND INJURY Police Agency:RAMAPO TOWN PD Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: NONE
Manner of Collision: REAR END Weather: CLOUDY
Road Surface Collision: DRY Road Char: STRAIGHT AND LEVEL Light Condition: DAYLIGHT
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: 3159 State of Registration: NY
Num of Occupants: 1 Drivers Age: 18 Sex: MALE Citation Issued: NO
Direction of Travel: WEST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: GOING STRAIGHT AHEAD
Apparent Factors: FOLLOWING TOO CLOSELY UNKNOWN

Veh: 2 CAR/VAN/PICKUP Registered Weight: 2806 State of Registration: NY
Num of Occupants: 1 Drivers Age: 18 Sex: MALE Citation Issued: NO
Direction of Travel: WEST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: SLOWED OR STOPPING
Apparent Factors: UNKNOWN UNKNOWN

JUL-13-2006 THU 03:22 PM Persons Killed: 0 Persons Injured: 1 Extent of Injuries: C Case: 2006-31865226
Accident Class: PROPERTY DAMAGE AND INJURY Police Agency:RAMAPO TOWN PD Num of Veh: 1
Type of Accident: COLL. W/LIGHT SUPPORT/UTILITY POLE Traffic Control: NONE
Manner of Collision: OTHER Weather: CLEAR
Road Surface Collision: DRY Road Char: CURVE AND LEVEL Light Condition: DAYLIGHT
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: 3360 State of Registration: NY
Num of Occupants: 1 Drivers Age: 18 Sex: FEMALE Citation Issued: NO
Direction of Travel: EAST Public Property Damage: NO School Bus Involved: NO

NYSDOT Safety Information Management System
Accident Verbal Description Report
Intersection & Non-Intersection Accidents
Complete Accident Data From NYSDMV Is Only Available thru 31-DEC-2007

Route: 202 Highway Location Ref Mrkr Range: 202 85011053 - 202 85011104 Dates: 01-JAN-2003 - 31-DEC-2007

*** Ref Mrkr: 202 8501 1081 NON-INTERSECTION ACCIDENTS *** (Continued)

Pre-Accd Action: GOING STRAIGHT AHEAD
Apparent Factors: LOST CONSCIOUSNESS NOT APPLICABLE

OCT-17-2007 WED 08:16 AM Persons Killed: 0 Persons Injured: 2 Extent of Injuries: CC Case: 2007-32381731
Accident Class: PROPERTY DAMAGE AND INJURY Police Agency:RAMAPO TOWN PD Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: NONE
Manner of Collision: UNKNOWN Weather: CLOUDY
Road Surface Collision: WET Road Char: STRAIGHT AND LEVEL Light Condition: DAYLIGHT
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: 3104 State of Registration: NY
Num of Occupants: 1 Drivers Age: 55 Sex: FEMALE Citation Issued: NO
Direction of Travel: EAST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: STOPPED IN TRAFFIC
Apparent Factors: NOT APPLICABLE UNKNOWN

Veh: 2 CAR/VAN/PICKUP Registered Weight: 4720 State of Registration: NY
Num of Occupants: 1 Drivers Age: 59 Sex: MALE Citation Issued: NO
Direction of Travel: SOUTH Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: GOING STRAIGHT AHEAD
Apparent Factors: REACTION TO OTHER UNINVOLVED VEHICL UNKNOWN

DEC-26-2007 WED 12:00 PM Persons Killed: 0 Persons Injured: 1 Extent of Injuries: C Case: 2007-32458640
Accident Class: PROPERTY DAMAGE AND INJURY Police Agency:RAMAPO TOWN PD Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: TRAFFIC SIGNAL
Manner of Collision: REAR END Weather: CLOUDY
Road Surface Collision: DRY Road Char: STRAIGHT AND LEVEL Light Condition: DAYLIGHT
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: 2871 State of Registration: NY
Num of Occupants: 1 Drivers Age: 34 Sex: FEMALE Citation Issued: NO
Direction of Travel: EAST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: STOPPED IN TRAFFIC
Apparent Factors: NOT APPLICABLE UNKNOWN

Veh: 2 CAR/VAN/PICKUP Registered Weight: 3051 State of Registration: NY
Num of Occupants: 1 Drivers Age: 72 Sex: MALE Citation Issued: NO
Direction of Travel: EAST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: GOING STRAIGHT AHEAD
Apparent Factors: DRIVER INATTENTION UNKNOWN

DEC-30-2007 SUN 11:30 AM Persons Killed: 0 Persons Injured: 0 Extent of Injuries: Case: 2007-32453376
Accident Class: PROPERTY DAMAGE Police Agency:ROCKLAND CO SO Num of Veh: 2

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Route: 202 Highway Location Ref Mrkr Range: 202 85011053 - 202 85011104 Dates: 01-JAN-2003 - 31-DEC-2007

*** Ref Mrkr: 202 8501 1081 NON-INTERSECTION ACCIDENTS *** (Continued)

Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: TRAFFIC SIGNAL
Manner of Collision: LEFT TURN (AGAINST OTHER CAR) Weather: CLOUDY
Road Surface Collision: DRY Road Char: STRAIGHT AND LEVEL Light Condition: DAYLIGHT
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: 2399 State of Registration: NY
Num of Occupants: 1 Drivers Age: 49 Sex: FEMALE Citation Issued: NO
Direction of Travel: WEST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: MAKING LEFT TURN
Apparent Factors: FAILURE TO YIELD RIGHT OF WAY NOT APPLICABLE

Veh: 2 CAR/VAN/PICKUP Registered Weight: 5043 State of Registration: NY
Num of Occupants: 4 Drivers Age: 48 Sex: MALE Citation Issued: NO
Direction of Travel: EAST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: GOING STRAIGHT AHEAD
Apparent Factors: NOT APPLICABLE NOT APPLICABLE

*** Ref Mrkr: 202 8501 1081 INTERSECTION ACCIDENTS - CAMP HILL RD ***

FEB-25-2003 TUE 05:22 PM Persons Killed: 0 Persons Injured: 1 Extent of Injuries: C Case: 2003-30867606
Accident Class: INJURY Police Agency:RAMAPO TOWN PD Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: TRAFFIC SIGNAL
Manner of Collision: UNKNOWN Weather: CLOUDY
Road Surface Collision: DRY Road Char: STRAIGHT AND LEVEL Light Condition: DAYLIGHT
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: 3396 State of Registration: NY
Num of Occupants: 1 Drivers Age: 18 Sex: FEMALE Citation Issued: NO
Direction of Travel: NORTH-EAST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: MAKING LEFT TURN
Apparent Factors: UNKNOWN UNKNOWN

Veh: 2 CAR/VAN/PICKUP Registered Weight: 2489 State of Registration: NY
Num of Occupants: 1 Drivers Age: 44 Sex: FEMALE Citation Issued: YES
Direction of Travel: WEST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: OTHER
Apparent Factors: FAILURE TO YIELD RIGHT OF WAY PASSING OR LANE USAGE IMPROPERLY

AUG-06-2003 WED 04:41 PM Persons Killed: 0 Persons Injured: 0 Extent of Injuries: Case: 2003-31005068
Accident Class: PROPERTY DAMAGE Police Agency:NOT ENTERED Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: UNKNOWN
Manner of Collision: RIGHT ANGLE Weather: UNKNOWN
Road Surface Collision: UNKNOWN Road Char: UNKNOWN Light Condition: UNKNOWN

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*** Ref Mrkr: 202 8501 1081 INTERSECTION ACCIDENTS - CAMP HILL RD *** (Continued)

Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: 2271 State of Registration: NY
Num of Occupants: 1 Drivers Age: 39 Sex: MALE Citation Issued: NO
Direction of Travel: UNKNOWN Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: UNKNOWN
Apparent Factors: UNKNOWN UNKNOWN

Veh: 2 CAR/VAN/PICKUP Registered Weight: 2388 State of Registration: NY
Num of Occupants: 1 Drivers Age: 71 Sex: MALE Citation Issued: NO
Direction of Travel: UNKNOWN Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: UNKNOWN
Apparent Factors: UNKNOWN UNKNOWN

AUG-07-2003 THU Persons Killed: 0 Persons Injured: 1 Extent of Injuries: B Case: 2003-31001111
Accident Class: PROPERTY DAMAGE AND INJURY Police Agency:RAMAPO TOWN PD Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: TRAFFIC SIGNAL
Manner of Collision: REAR END Weather: CLOUDY
Road Surface Collision: DRY Road Char: STRAIGHT AND LEVEL Light Condition: DAYLIGHT
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: 2846 State of Registration: NY
Num of Occupants: 2 Drivers Age: 32 Sex: MALE Citation Issued: YES
Direction of Travel: EAST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: GOING STRAIGHT AHEAD
Apparent Factors: FOLLOWING TOO CLOSELY UNKNOWN

Veh: 2 CAR/VAN/PICKUP Registered Weight: 3985 State of Registration: NY
Num of Occupants: 1 Drivers Age: 62 Sex: MALE Citation Issued: NO
Direction of Travel: EAST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: STOPPED IN TRAFFIC
Apparent Factors: UNKNOWN UNKNOWN

AUG-26-2003 TUE 05:20 PM Persons Killed: 0 Persons Injured: 1 Extent of Injuries: B Case: 2003-31007532
Accident Class: INJURY Police Agency:RAMAPO TOWN PD Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: TRAFFIC SIGNAL
Manner of Collision: RIGHT ANGLE Weather: CLEAR
Road Surface Collision: DRY Road Char: STRAIGHT AND LEVEL Light Condition: DAYLIGHT
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: 2519 State of Registration: NY
Num of Occupants: 1 Drivers Age: 21 Sex: FEMALE Citation Issued: NO
Direction of Travel: NORTH-WEST Public Property Damage: NO School Bus Involved: NO

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Route: 202 Highway Location Ref Mrkr Range: 202 85011053 - 202 85011104 Dates: 01-JAN-2003 - 31-DEC-2007

*** Ref Mrkr: 202 8501 1081 INTERSECTION ACCIDENTS - CAMP HILL RD *** (Continued)

Pre-Accd Action: MAKING LEFT TURN
Apparent Factors: FAILURE TO YIELD RIGHT OF WAY VIEW OBSTRUCTED/LIMITED

Veh: 2 CAR/VAN/PICKUP Registered Weight: 2843 State of Registration: NY
Num of Occupants: 1 Drivers Age: 17 Sex: MALE Citation Issued: NO
Direction of Travel: SOUTH Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: GOING STRAIGHT AHEAD
Apparent Factors: PASSING OR LANE USAGE IMPROPERLY REACTION TO OTHER UNINVOLVED VEHICL

OCT-10-2004 SUN 06:40 PM Persons Killed: 0 Persons Injured: 2 Extent of Injuries: AC Case: 2004-31290984
Accident Class: PROPERTY DAMAGE AND INJURY Police Agency:RAMAPO TOWN PD Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: TRAFFIC SIGNAL
Manner of Collision: UNKNOWN Weather: CLOUDY
Road Surface Collision: DRY Road Char: STRAIGHT/ GRADE Light Condition: DARK-ROAD UNLIGHTED
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: 1824 State of Registration: NY
Num of Occupants: 1 Drivers Age: 63 Sex: FEMALE Citation Issued: NO
Direction of Travel: SOUTH Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: STARTING IN TRAFFIC
Apparent Factors: NOT APPLICABLE UNKNOWN

Veh: 2 CAR/VAN/PICKUP Registered Weight: 2851 State of Registration: NY
Num of Occupants: 1 Drivers Age: 56 Sex: MALE Citation Issued: YES
Direction of Travel: NORTH Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: GOING STRAIGHT AHEAD
Apparent Factors: ALCOHOL INVOLVEMENT UNKNOWN

FEB-17-2005 THU 10:40 AM Persons Killed: 0 Persons Injured: 0 Extent of Injuries: Case: 2005-31403935
Accident Class: PROPERTY DAMAGE Police Agency:NOT ENTERED Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: TRAFFIC SIGNAL
Manner of Collision: REAR END Weather: CLEAR
Road Surface Collision: DRY Road Char: STRAIGHT AND LEVEL Light Condition: DAYLIGHT
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: UNKNOWN State of Registration: NJ
Num of Occupants: 1 Drivers Age: 83 Sex: UNKNOWN Citation Issued: NO
Direction of Travel: NORTH Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: GOING STRAIGHT AHEAD
Apparent Factors: UNKNOWN UNKNOWN

Veh: 2 CAR/VAN/PICKUP Registered Weight: 3126 State of Registration: NY
Num of Occupants: 1 Drivers Age: 57 Sex: FEMALE Citation Issued: NO

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*** Ref Mrkr: 202 8501 1081 INTERSECTION ACCIDENTS - CAMP HILL RD *** (Continued)

Direction of Travel: NORTH Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: GOING STRAIGHT AHEAD
Apparent Factors: UNKNOWN UNKNOWN

MAR-30-2005 WED 06:41 PM Persons Killed: 0 Persons Injured: 0 Extent of Injuries: Case: 2005-31500424
Accident Class: PROPERTY DAMAGE Police Agency:NOT ENTERED Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: TRAFFIC SIGNAL
Manner of Collision: LEFT TURN (AGAINST OTHER CAR) Weather: CLEAR
Road Surface Collision: DRY Road Char: STRAIGHT AND LEVEL Light Condition: UNKNOWN
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: 2997 State of Registration: NY
Num of Occupants: 1 Drivers Age: 62 Sex: FEMALE Citation Issued: NO
Direction of Travel: EAST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: MAKING LEFT TURN
Apparent Factors: UNKNOWN UNKNOWN

Veh: 2 CAR/VAN/PICKUP Registered Weight: UNKNOWN State of Registration: NJ
Num of Occupants: 1 Drivers Age: 58 Sex: MALE Citation Issued: NO
Direction of Travel: WEST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: GOING STRAIGHT AHEAD
Apparent Factors: UNKNOWN UNKNOWN

MAY-11-2005 WED 09:04 PM Persons Killed: 0 Persons Injured: 2 Extent of Injuries: CC Case: 2005-31489893
Accident Class: PROPERTY DAMAGE AND INJURY Police Agency:RAMAPO TOWN PD Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: TRAFFIC SIGNAL
Manner of Collision: UNKNOWN Weather: CLEAR
Road Surface Collision: DRY Road Char: STRAIGHT AND LEVEL Light Condition: DARK-ROAD UNLIGHTED
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: 2634 State of Registration: NY
Num of Occupants: 4 Drivers Age: 21 Sex: FEMALE Citation Issued: NO
Direction of Travel: WEST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: MAKING RIGHT TURN
Apparent Factors: NOT APPLICABLE UNKNOWN

Veh: 2 CAR/VAN/PICKUP Registered Weight: 2447 State of Registration: NY
Num of Occupants: 2 Drivers Age: 22 Sex: MALE Citation Issued: YES
Direction of Travel: WEST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: OVERTAKING
Apparent Factors: FOLLOWING TOO CLOSELY PASSENGER DISTRACTION

AUG-12-2005 FRI 02:46 AM Persons Killed: 0 Persons Injured: 1 Extent of Injuries: B Case: 2005-31557555

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*** Ref Mrkr: 202 8501 1081 INTERSECTION ACCIDENTS - CAMP HILL RD *** (Continued)

Accident Class: INJURY Police Agency:RAMAPO TOWN PD Num of Veh: 1
Type of Accident: COLLISION WITH FENCE Traffic Control: TRAFFIC SIGNAL
Manner of Collision: OTHER Weather: CLEAR
Road Surface Collision: DRY Road Char: CURVE AND GRADE Light Condition: DARK-ROAD LIGHTED
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: UNKNOWN State of Registration: UNKNOWN
Num of Occupants: 1 Drivers Age: 18 Sex: MALE Citation Issued: YES
Direction of Travel: NORTH-WEST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: MAKING RIGHT TURN
Apparent Factors: FAILURE TO KEEP RIGHT UNKNOWN

APR-03-2006 MON 08:29 AM Persons Killed: 0 Persons Injured: 2 Extent of Injuries: BC Case: 2006-31790749
Accident Class: PROPERTY DAMAGE AND INJURY Police Agency:RAMAPO TOWN PD Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: TRAFFIC SIGNAL
Manner of Collision: RIGHT ANGLE Weather: CLEAR
Road Surface Collision: DRY Road Char: STRAIGHT AND LEVEL Light Condition: DAYLIGHT
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: 3972 State of Registration: NY
Num of Occupants: 1 Drivers Age: 70 Sex: FEMALE Citation Issued: NO
Direction of Travel: EAST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: GOING STRAIGHT AHEAD
Apparent Factors: UNKNOWN NOT APPLICABLE

Veh: 2 CAR/VAN/PICKUP Registered Weight: 5000 State of Registration: NY
Num of Occupants: 3 Drivers Age: 29 Sex: MALE Citation Issued: NO
Direction of Travel: SOUTH Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: GOING STRAIGHT AHEAD
Apparent Factors: UNKNOWN NOT APPLICABLE

AUG-09-2006 WED 04:47 PM Persons Killed: 0 Persons Injured: 1 Extent of Injuries: C Case: 2006-31887224
Accident Class: PROPERTY DAMAGE AND INJURY Police Agency:RAMAPO TOWN PD Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: TRAFFIC SIGNAL
Manner of Collision: LEFT TURN (AGAINST OTHER CAR) Weather: CLEAR
Road Surface Collision: DRY Road Char: STRAIGHT/ GRADE Light Condition: DAYLIGHT
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: 3149 State of Registration: NY
Num of Occupants: 1 Drivers Age: 17 Sex: MALE Citation Issued: NO
Direction of Travel: SOUTH Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: MAKING RIGHT TURN
Apparent Factors: FAILURE TO YIELD RIGHT OF WAY UNKNOWN

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Route: 202 Highway Location Ref Mrkr Range: 202 85011053 - 202 85011104 Dates: 01-JAN-2003 - 31-DEC-2007

*** Ref Mrkr: 202 8501 1081 INTERSECTION ACCIDENTS - CAMP HILL RD *** (Continued)

Veh: 2 CAR/VAN/PICKUP Registered Weight: 3359 State of Registration: NY
Num of Occupants: 1 Drivers Age: 39 Sex: FEMALE Citation Issued: NO
Direction of Travel: NORTH Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: GOING STRAIGHT AHEAD
Apparent Factors: UNKNOWN UNKNOWN

FEB-12-2007 MON 07:30 PM Persons Killed: 0 Persons Injured: 0 Extent of Injuries: Case: 2007-32120844
Accident Class: PROPERTY DAMAGE Police Agency:NOT ENTERED Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: TRAFFIC SIGNAL
Manner of Collision: UNKNOWN Weather: UNKNOWN
Road Surface Collision: UNKNOWN Road Char: UNKNOWN Light Condition: UNKNOWN
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: 5000 State of Registration: NY
Num of Occupants: 1 Drivers Age: 60 Sex: MALE Citation Issued: NO
Direction of Travel: UNKNOWN Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: STOPPED IN TRAFFIC
Apparent Factors: UNKNOWN UNKNOWN

Veh: 2 CAR/VAN/PICKUP Registered Weight: 2703 State of Registration: NY
Num of Occupants: 1 Drivers Age: 49 Sex: MALE Citation Issued: NO
Direction of Travel: UNKNOWN Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: OTHER
Apparent Factors: UNKNOWN UNKNOWN

JUN-29-2007 FRI 07:29 AM Persons Killed: 0 Persons Injured: 0 Extent of Injuries: Case: 2007-32262859
Accident Class: PROPERTY DAMAGE Police Agency:RAMAPO TOWN PD Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: TRAFFIC SIGNAL
Manner of Collision: RIGHT ANGLE Weather: CLOUDY
Road Surface Collision: DRY Road Char: STRAIGHT AND LEVEL Light Condition: DAYLIGHT
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: 3092 State of Registration: NY
Num of Occupants: 1 Drivers Age: 30 Sex: MALE Citation Issued: NO
Direction of Travel: EAST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: GOING STRAIGHT AHEAD
Apparent Factors: BACKING UNSAFELY UNKNOWN

Veh: 2 CAR/VAN/PICKUP Registered Weight: 2864 State of Registration: NY
Num of Occupants: 1 Drivers Age: UNKNOWN Sex: MALE Citation Issued: YES
Direction of Travel: WEST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: MAKING LEFT TURN

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*** Ref Mrkr: 202 8501 1081 INTERSECTION ACCIDENTS - CAMP HILL RD *** (Continued)

Apparent Factors: UNKNOWN UNKNOWN

*** Ref Mrkr: 202 8501 1082 NON-INTERSECTION ACCIDENTS ***

JUL-28-2003 MON 01:58 PM Case: 2003-30515540
Accident Class: NON-REPORTABLE Police Agency:RAMAPO TOWN PD Num of Veh: 1

AUG-05-2003 TUE 12:45 PM Persons Killed: 0 Persons Injured: 2 Extent of Injuries: CC Case: 2003-31003602
Accident Class: PROPERTY DAMAGE AND INJURY Police Agency:RAMAPO TOWN PD Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: NONE
Manner of Collision: REAR END Weather: CLOUDY
Road Surface Collision: DRY Road Char: STRAIGHT/ GRADE Light Condition: DAYLIGHT
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 OTHER Registered Weight: UNKNOWN State of Registration: NJ
Num of Occupants: 1 Drivers Age: 77 Sex: FEMALE Citation Issued: NO
Direction of Travel: WEST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: MAKING RIGHT TURN
Apparent Factors: UNKNOWN UNKNOWN

Veh: 2 CAR/VAN/PICKUP Registered Weight: 7000 State of Registration: NY
Num of Occupants: 1 Drivers Age: 25 Sex: MALE Citation Issued: NO
Direction of Travel: WEST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: GOING STRAIGHT AHEAD
Apparent Factors: DRIVER INATTENTION UNKNOWN

NOV-21-2003 FRI 08:49 AM Persons Killed: 0 Persons Injured: 0 Extent of Injuries: Case: 2003-NR0283611
Accident Class: NON-REPORTABLE Police Agency: Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: TRAFFIC SIGNAL
Manner of Collision: REAR END Weather: CLEAR
Road Surface Collision: DRY Road Char: Light Condition: DAYLIGHT
Loc. of Ped/Bicycle: Action of Ped/Bicycle:

Veh: 1 OTHER Registered Weight: UNKNOWN State of Registration: UNKNOWN
Num of Occupants: UNKNOWN Drivers Age: UNKNOWN Sex: UNKNOWN Citation Issued: NO
Direction of Travel: EAST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: STOPPED IN TRAFFIC
Apparent Factors: UNKNOWN UNKNOWN

Veh: 2 OTHER Registered Weight: UNKNOWN State of Registration: UNKNOWN
Num of Occupants: UNKNOWN Drivers Age: UNKNOWN Sex: UNKNOWN Citation Issued: NO
Direction of Travel: EAST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: GOING STRAIGHT AHEAD

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*** Ref Mrkr: 202 8501 1082 NON-INTERSECTION ACCIDENTS *** (Continued)

Apparent Factors: DRIVER INATTENTION UNKNOWN

DEC-29-2003 MON 03:27 PM Persons Killed: 0 Persons Injured: 2 Extent of Injuries: BB Case: 2003-31090696
Accident Class: PROPERTY DAMAGE AND INJURY Police Agency:RAMAPO TOWN PD Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: NONE
Manner of Collision: UNKNOWN Weather: CLEAR
Road Surface Collision: DRY Road Char: STRAIGHT AND LEVEL Light Condition: DAYLIGHT
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: 3008 State of Registration: NY
Num of Occupants: 1 Drivers Age: 36 Sex: FEMALE Citation Issued: NO
Direction of Travel: EAST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: GOING STRAIGHT AHEAD
Apparent Factors: NOT APPLICABLE UNKNOWN

Veh: 2 CAR/VAN/PICKUP Registered Weight: 2886 State of Registration: NY
Num of Occupants: 1 Drivers Age: 75 Sex: FEMALE Citation Issued: NO
Direction of Travel: NORTH Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: MAKING LEFT TURN
Apparent Factors: GLARE UNKNOWN

JUL-07-2006 FRI 04:52 PM Persons Killed: 0 Persons Injured: 0 Extent of Injuries: Case: 2006-31865408
Accident Class: PROPERTY DAMAGE Police Agency:RAMAPO TOWN PD Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: NONE
Manner of Collision: OVERTAKING Weather: CLEAR
Road Surface Collision: DRY Road Char: STRAIGHT AND LEVEL Light Condition: DAYLIGHT
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: 2703 State of Registration: NY
Num of Occupants: 2 Drivers Age: 44 Sex: MALE Citation Issued: NO
Direction of Travel: SOUTH-WEST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: OVERTAKING
Apparent Factors: PASSING OR LANE USAGE IMPROPERLY UNKNOWN

Veh: 2 CAR/VAN/PICKUP Registered Weight: 3310 State of Registration: NY
Num of Occupants: 1 Drivers Age: 68 Sex: FEMALE Citation Issued: NO
Direction of Travel: SOUTH-WEST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: MAKING RIGHT TURN
Apparent Factors: TURNING IMPROPER UNKNOWN

JUL-19-2006 WED 07:35 PM Persons Killed: 0 Persons Injured: 0 Extent of Injuries: Case: 2006-31879950
Accident Class: PROPERTY DAMAGE Police Agency:RAMAPO TOWN PD Num of Veh: 1
Type of Accident: COLLISION WITH DEER Traffic Control: NONE

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Route: 202 Highway Location Ref Mrkr Range: 202 85011053 - 202 85011104 Dates: 01-JAN-2003 - 31-DEC-2007

*** Ref Mrkr: 202 8501 1082 NON-INTERSECTION ACCIDENTS *** (Continued)

Manner of Collision: OTHER — Weather: CLEAR
Road Surface Collision: DRY — Road Char: STRAIGHT AND LEVEL — Light Condition: DAYLIGHT
Loc. of Ped/Bicycle: NOT APPLICABLE — Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP — Registered Weight: 2394 — State of Registration: NY
Num of Occupants: 1 — Drivers Age: 26 — Sex: FEMALE — Citation Issued: NO
Direction of Travel: NORTH-EAST — Public Property Damage: NO — School Bus Involved: NO
Pre-Accd Action: GOING STRAIGHT AHEAD
Apparent Factors: ANIMAL'S ACTION — UNKNOWN

OCT-13-2006 FRI 11:30 AM Persons Killed: 0 Persons Injured: 2 Extent of Injuries: CC — Case: 2006-31964076
Accident Class: PROPERTY DAMAGE AND INJURY — Police Agency:RAMAPO TOWN PD — Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE — Traffic Control: UNKNOWN
Manner of Collision: RIGHT ANGLE — Weather: CLEAR
Road Surface Collision: DRY — Road Char: STRAIGHT AND LEVEL — Light Condition: DAYLIGHT
Loc. of Ped/Bicycle: NOT APPLICABLE — Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP — Registered Weight: 3393 — State of Registration: NY
Num of Occupants: 1 — Drivers Age: 76 — Sex: FEMALE — Citation Issued: NO
Direction of Travel: SOUTH-WEST — Public Property Damage: NO — School Bus Involved: NO
Pre-Accd Action: GOING STRAIGHT AHEAD
Apparent Factors: DRIVER INATTENTION — FAILURE TO YIELD RIGHT OF WAY

Veh: 2 CAR/VAN/PICKUP — Registered Weight: 3496 — State of Registration: NY
Num of Occupants: 1 — Drivers Age: 64 — Sex: MALE — Citation Issued: NO
Direction of Travel: NORTH — Public Property Damage: NO — School Bus Involved: NO
Pre-Accd Action: GOING STRAIGHT AHEAD
Apparent Factors: NOT APPLICABLE — NOT APPLICABLE

APR-20-2007 FRI 08:20 AM Persons Killed: 0 Persons Injured: 1 Extent of Injuries: C — Case: 2007-32178837
Accident Class: PROPERTY DAMAGE AND INJURY — Police Agency:RAMAPO TOWN PD — Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE — Traffic Control: NONE
Manner of Collision: REAR END — Weather: CLEAR
Road Surface Collision: DRY — Road Char: CURVE AND LEVEL — Light Condition: DAYLIGHT
Loc. of Ped/Bicycle: NOT APPLICABLE — Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP — Registered Weight: 3462 — State of Registration: NY
Num of Occupants: 1 — Drivers Age: 62 — Sex: FEMALE — Citation Issued: NO
Direction of Travel: SOUTH-WEST — Public Property Damage: NO — School Bus Involved: NO
Pre-Accd Action: MAKING LEFT TURN
Apparent Factors: NOT APPLICABLE — UNKNOWN

Veh: 2 CAR/VAN/PICKUP — Registered Weight: 3073 — State of Registration: NY

NYSDOT Safety Information Management System
Accident Verbal Description Report
Intersection & Non-Intersection Accidents
Complete Accident Data From NYSDMV Is Only Available thru 31-DEC-2007

Route: 202 Highway Location Ref Mrkr Range: 202 85011053 - 202 85011104 Dates: 01-JAN-2003 - 31-DEC-2007

*** Ref Mrkr: 202 8501 1082 NON-INTERSECTION ACCIDENTS *** (Continued)

Num of Occupants: 1 Drivers Age: 22 Sex: FEMALE Citation Issued: NO
Direction of Travel: SOUTH-WEST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: GOING STRAIGHT AHEAD
Apparent Factors: DRIVER INATTENTION UNKNOWN

*** Ref Mrkr: 202 8501 1082 INTERSECTION ACCIDENTS - INVALID INTERSECTION NUMBER 00 ***

JUN-06-2006 TUE 01:55 PM Persons Killed: 0 Persons Injured: 2 Extent of Injuries: AB Case: 2006-31820080
Accident Class: PROPERTY DAMAGE AND INJURY Police Agency:RAMAPO TOWN PD Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: TRAFFIC SIGNAL
Manner of Collision: LEFT TURN (AGAINST OTHER CAR) Weather: CLEAR
Road Surface Collision: DRY Road Char: STRAIGHT/ GRADE Light Condition: DAYLIGHT
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 MOTORCYCLE Registered Weight: UNKNOWN State of Registration: NJ
Num of Occupants: 1 Drivers Age: 44 Sex: MALE Citation Issued: NO
Direction of Travel: UNKNOWN Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: UNKNOWN
Apparent Factors: UNKNOWN UNKNOWN

Veh: 2 CAR/VAN/PICKUP Registered Weight: UNKNOWN State of Registration: NJ
Num of Occupants: 1 Drivers Age: 106 Sex: FEMALE Citation Issued: NO
Direction of Travel: UNKNOWN Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: UNKNOWN
Apparent Factors: UNKNOWN UNKNOWN

DEC-09-2006 SAT 12:45 PM Persons Killed: 0 Persons Injured: 0 Extent of Injuries: Case: 2006-NR1520926
Accident Class: NON-REPORTABLE Police Agency: Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: NONE
Manner of Collision: OTHER Weather: CLEAR
Road Surface Collision: DRY Road Char: Light Condition: DAYLIGHT
Loc. of Ped/Bicycle: Action of Ped/Bicycle:

Veh: 1 OTHER Registered Weight: UNKNOWN State of Registration: UNKNOWN
Num of Occupants: UNKNOWN Drivers Age: UNKNOWN Sex: UNKNOWN Citation Issued: NO
Direction of Travel: EAST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: BACKING
Apparent Factors: BACKING UNSAFELY UNKNOWN

Veh: 2 OTHER Registered Weight: UNKNOWN State of Registration: UNKNOWN
Num of Occupants: UNKNOWN Drivers Age: UNKNOWN Sex: UNKNOWN Citation Issued: NO
Direction of Travel: EAST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: PARKED

NYSDOT Safety Information Management System
Accident Verbal Description Report
Intersection & Non-Intersection Accidents
Complete Accident Data From NYSDMV Is Only Available thru 31-DEC-2007

Route: 202 Highway Location Ref Mrkr Range: 202 85011053 - 202 85011104 Dates: 01-JAN-2003 - 31-DEC-2007

*** Ref Mrkr: 202 8501 1082 INTERSECTION ACCIDENTS - INVALID INTERSECTION NUMBER 00 *** (Continued)

Apparent Factors: UNKNOWN UNKNOWN

*** Ref Mrkr: 202 8501 1083 NON-INTERSECTION ACCIDENTS ***

JUL-14-2006 FRI 04:30 PM Persons Killed: 0 Persons Injured: 1 Extent of Injuries: C Case: 2006-31880720
Accident Class: INJURY Police Agency:RAMAPO TOWN PD Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: NONE
Manner of Collision: UNKNOWN Weather: CLOUDY
Road Surface Collision: DRY Road Char: STRAIGHT AND LEVEL Light Condition: DAYLIGHT
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: 2499 State of Registration: NY
Num of Occupants: 2 Drivers Age: 21 Sex: FEMALE Citation Issued: NO
Direction of Travel: SOUTH-WEST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: MAKING LEFT TURN
Apparent Factors: NOT APPLICABLE UNKNOWN

Veh: 2 CAR/VAN/PICKUP Registered Weight: 3883 State of Registration: NY
Num of Occupants: 1 Drivers Age: 20 Sex: FEMALE Citation Issued: YES
Direction of Travel: NORTH-EAST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: MAKING RIGHT TURN
Apparent Factors: PASSING OR LANE USAGE IMPROPERLY UNKNOWN

*** Ref Mrkr: 202 8501 1083 INTERSECTION ACCIDENTS - OLD RT 202 (EAST INTERSECTION) ***

JAN-03-2005 MON 08:15 PM Persons Killed: 0 Persons Injured: 1 Extent of Injuries: C Case: 2005-31354360
Accident Class: INJURY Police Agency:HAVERSTRAW TOWN PD Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: NONE
Manner of Collision: HEAD ON Weather: RAIN
Road Surface Collision: WET Road Char: STRAIGHT AND LEVEL Light Condition: DARK-ROAD LIGHTED
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: 3271 State of Registration: NY
Num of Occupants: 1 Drivers Age: 45 Sex: MALE Citation Issued: NO
Direction of Travel: EAST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: GOING STRAIGHT AHEAD
Apparent Factors: NOT APPLICABLE UNKNOWN

Veh: 2 CAR/VAN/PICKUP Registered Weight: 2878 State of Registration: NY
Num of Occupants: 1 Drivers Age: 26 Sex: MALE Citation Issued: NO
Direction of Travel: SOUTH-WEST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: MAKING LEFT TURN
Apparent Factors: OTHER (HUMAN) UNKNOWN

NYSDOT Safety Information Management System
Accident Verbal Description Report
Intersection & Non-Intersection Accidents
Complete Accident Data From NYSDMV Is Only Available thru 31-DEC-2007

Route: 202 Highway Location Ref Mrkr Range: 202 85011053 - 202 85011104 Dates: 01-JAN-2003 - 31-DEC-2007

*** Ref Mrkr: 202 8501 1083 INTERSECTION ACCIDENTS - INVALID INTERSECTION NUMBER 00 ***

MAY-16-2003 FRI 03:00 PM Persons Killed: 0 Persons Injured: 0 Extent of Injuries: Case: 2003-NR0308173
Accident Class: NON-REPORTABLE Police Agency: Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: UNKNOWN
Manner of Collision: OTHER Weather: CLEAR
Road Surface Collision: DRY Road Char: Light Condition: DAYLIGHT
Loc. of Ped/Bicycle: Action of Ped/Bicycle:

Veh: 1 OTHER Registered Weight: UNKNOWN State of Registration: UNKNOWN
Num of Occupants: UNKNOWN Drivers Age: UNKNOWN Sex: UNKNOWN Citation Issued: NO
Direction of Travel: SOUTH Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: STOPPED IN TRAFFIC
Apparent Factors: UNKNOWN UNKNOWN

Veh: 2 OTHER Registered Weight: UNKNOWN State of Registration: UNKNOWN
Num of Occupants: UNKNOWN Drivers Age: UNKNOWN Sex: UNKNOWN Citation Issued: NO
Direction of Travel: EAST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: BACKING
Apparent Factors: BACKING UNSAFELY DRIVER INATTENTION

*** Ref Mrkr: 202 8501 1084 NON-INTERSECTION ACCIDENTS ***

JAN-05-2003 SUN 09:07 PM Persons Killed: 0 Persons Injured: 0 Extent of Injuries: Case: 2003-NR0022391
Accident Class: NON-REPORTABLE Police Agency: Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: NONE
Manner of Collision: OTHER Weather: SNOW
Road Surface Collision: SNOW/ICE Road Char: Light Condition: DARK-ROAD LIGHTED
Loc. of Ped/Bicycle: Action of Ped/Bicycle:

Veh: 1 OTHER Registered Weight: UNKNOWN State of Registration: UNKNOWN
Num of Occupants: UNKNOWN Drivers Age: UNKNOWN Sex: UNKNOWN Citation Issued: NO
Direction of Travel: WEST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: PARKED
Apparent Factors: UNKNOWN UNKNOWN

Veh: 2 OTHER Registered Weight: UNKNOWN State of Registration: UNKNOWN
Num of Occupants: UNKNOWN Drivers Age: UNKNOWN Sex: UNKNOWN Citation Issued: NO
Direction of Travel: WEST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: GOING STRAIGHT AHEAD
Apparent Factors: UNSAFE SPEED PAVEMENT SLIPPERY

JAN-27-2003 MON 01:48 PM Persons Killed: 0 Persons Injured: 1 Extent of Injuries: B Case: 2003-30844505
Accident Class: INJURY Police Agency:RAMAPO TOWN PD Num of Veh: 1

NYSDOT Safety Information Management System
Accident Verbal Description Report
Intersection & Non-Intersection Accidents
Complete Accident Data From NYSDMV Is Only Available thru 31-DEC-2007

Route: 202 Highway Location Ref Mrkr Range: 202 85011053 - 202 85011104 Dates: 01-JAN-2003 - 31-DEC-2007

*** Ref Mrkr: 202 8501 1084 NON-INTERSECTION ACCIDENTS *** (Continued)

Type of Accident: COLLISION WITH SNOW EMBANKMENT Traffic Control: NONE
Manner of Collision: OTHER Weather: CLEAR
Road Surface Collision: DRY Road Char: STRAIGHT AND LEVEL Light Condition: DAYLIGHT
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: 4726 State of Registration: NY
Num of Occupants: 1 Drivers Age: 24 Sex: MALE Citation Issued: YES
Direction of Travel: NORTH-WEST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: MAKING RIGHT TURN
Apparent Factors: TURNING IMPROPER UNKNOWN

AUG-02-2003 SAT 06:23 PM Persons Killed: 0 Persons Injured: 0 Extent of Injuries: Case: 2003-NR0266841
Accident Class: NON-REPORTABLE Police Agency: Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: TRAFFIC SIGNAL
Manner of Collision: REAR END Weather: RAIN
Road Surface Collision: WET Road Char: Light Condition: DAYLIGHT
Loc. of Ped/Bicycle: Action of Ped/Bicycle:

Veh: 1 OTHER Registered Weight: UNKNOWN State of Registration: UNKNOWN
Num of Occupants: UNKNOWN Drivers Age: UNKNOWN Sex: UNKNOWN Citation Issued: NO
Direction of Travel: NORTH-WEST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: SLOWED OR STOPPING
Apparent Factors: UNKNOWN UNKNOWN

Veh: 2 OTHER Registered Weight: UNKNOWN State of Registration: UNKNOWN
Num of Occupants: UNKNOWN Drivers Age: UNKNOWN Sex: UNKNOWN Citation Issued: NO
Direction of Travel: NORTH-WEST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: SLOWED OR STOPPING
Apparent Factors: PAVEMENT SLIPPERY FOLLOWING TOO CLOSELY

AUG-13-2003 WED 05:56 PM Persons Killed: 0 Persons Injured: 0 Extent of Injuries: Case: 2003-NR0223649
Accident Class: NON-REPORTABLE Police Agency: Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: TRAFFIC SIGNAL
Manner of Collision: OTHER Weather: CLEAR
Road Surface Collision: DRY Road Char: Light Condition: DAYLIGHT
Loc. of Ped/Bicycle: Action of Ped/Bicycle:

Veh: 1 OTHER Registered Weight: UNKNOWN State of Registration: UNKNOWN
Num of Occupants: UNKNOWN Drivers Age: UNKNOWN Sex: UNKNOWN Citation Issued: NO
Direction of Travel: EAST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: GOING STRAIGHT AHEAD
Apparent Factors: DRIVER INATTENTION UNKNOWN

Route: 202 Highway Location Ref Mrkr Range: 202 85011053 - 202 85011104 Dates: 01-JAN-2003 - 31-DEC-2007

*** Ref Mrkr: 202 8501 1084 NON-INTERSECTION ACCIDENTS *** (Continued)

Veh: 2 OTHER
Registered Weight: UNKNOWN
State of Registration: UNKNOWN
Num of Occupants: UNKNOWN
Drivers Age: UNKNOWN Sex: UNKNOWN
Citation Issued: NO
Direction of Travel: SOUTH
Public Property Damage: NO
School Bus Involved: NO
Pre-Accd Action: MAKING LEFT TURN
Apparent Factors: DRIVER INATTENTION
UNKNOWN

DEC-31-2004 FRI 08:28 AM Persons Killed: 0 Persons Injured: 1 Extent of Injuries: C
Case: 2004-31343616
Accident Class: INJURY
Police Agency:RAMAPO TOWN PD
Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE
Traffic Control: TRAFFIC SIGNAL
Manner of Collision: REAR END
Weather: CLOUDY
Road Surface Collision: WET
Road Char: STRAIGHT AND LEVEL
Light Condition: DAYLIGHT
Loc. of Ped/Bicycle: NOT APPLICABLE
Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP
Registered Weight: 3310
State of Registration: NY
Num of Occupants: 1
Drivers Age: 59 Sex: FEMALE
Citation Issued: NO
Direction of Travel: EAST
Public Property Damage: NO
School Bus Involved: NO
Pre-Accd Action: STOPPED IN TRAFFIC
Apparent Factors: UNKNOWN
UNKNOWN

Veh: 2 CAR/VAN/PICKUP
Registered Weight: 2639
State of Registration: NY
Num of Occupants: 1
Drivers Age: 19 Sex: MALE
Citation Issued: NO
Direction of Travel: EAST
Public Property Damage: NO
School Bus Involved: NO
Pre-Accd Action: GOING STRAIGHT AHEAD
Apparent Factors: DRIVER INATTENTION
UNKNOWN

JAN-26-2006 THU 05:25 PM Persons Killed: 0 Persons Injured: 1 Extent of Injuries: C
Case: 2006-31736025
Accident Class: PROPERTY DAMAGE AND INJURY
Police Agency:UNKNOWN
Num of Veh: 3
Type of Accident: COLLISION WITH MOTOR VEHICLE
Traffic Control: NO PASSING ZONE
Manner of Collision: OTHER
Weather: CLEAR
Road Surface Collision: DRY
Road Char: STRAIGHT AND LEVEL
Light Condition: DAYLIGHT
Loc. of Ped/Bicycle: NOT APPLICABLE
Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP
Registered Weight: 2409
State of Registration: NY
Num of Occupants: 1
Drivers Age: 65 Sex: MALE
Citation Issued: NO
Direction of Travel: NORTH-EAST
Public Property Damage: NO
School Bus Involved: NO
Pre-Accd Action: GOING STRAIGHT AHEAD
Apparent Factors: DRIVER INATTENTION
FOLLOWING TOO CLOSELY

Veh: 2 CAR/VAN/PICKUP
Registered Weight: 3142
State of Registration: NY
Num of Occupants: 2
Drivers Age: 19 Sex: FEMALE
Citation Issued: NO
Direction of Travel: NORTH-EAST
Public Property Damage: NO
School Bus Involved: NO
Pre-Accd Action: STOPPED IN TRAFFIC
Apparent Factors: UNKNOWN
UNKNOWN

NYSDOT Safety Information Management System
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Complete Accident Data From NYSDMV Is Only Available thru 31-DEC-2007

Route: 202 Highway Location Ref Mrkr Range: 202 85011053 - 202 85011104 Dates: 01-JAN-2003 - 31-DEC-2007

*** Ref Mrkr: 202 8501 1084 NON-INTERSECTION ACCIDENTS *** (Continued)

Veh: 3 CAR/VAN/PICKUP Registered Weight: 3272 State of Registration: NY
Num of Occupants: 1 Drivers Age: 49 Sex: FEMALE Citation Issued: NO
Direction of Travel: NORTH-EAST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: STOPPED IN TRAFFIC
Apparent Factors: UNKNOWN UNKNOWN

*** Ref Mrkr: 202 8501 1084 INTERSECTION ACCIDENTS - INVALID INTERSECTION NUMBER 01 ***

JUL-08-2006 SAT 01:51 AM Persons Killed: 0 Persons Injured: 1 Extent of Injuries: C Case: 2006-31876416
Accident Class: PROPERTY DAMAGE AND INJURY Police Agency:RAMAPO TOWN PD Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: TRAFFIC SIGNAL
Manner of Collision: REAR END Weather: CLEAR
Road Surface Collision: DRY Road Char: STRAIGHT AND LEVEL Light Condition: DARK-ROAD LIGHTED
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 MOTORCYCLE Registered Weight: UNKNOWN State of Registration: NJ
Num of Occupants: 1 Drivers Age: 56 Sex: MALE Citation Issued: NO
Direction of Travel: EAST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: STOPPED IN TRAFFIC
Apparent Factors: NOT APPLICABLE NOT APPLICABLE

Veh: 2 CAR/VAN/PICKUP Registered Weight: 11000 State of Registration: NY
Num of Occupants: 1 Drivers Age: 32 Sex: MALE Citation Issued: NO
Direction of Travel: EAST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: SLOWED OR STOPPING
Apparent Factors: DRIVER INATTENTION NOT APPLICABLE

*** Ref Mrkr: 202 8501 1085 NON-INTERSECTION ACCIDENTS ***

JUN-13-2003 FRI Persons Killed: 0 Persons Injured: 1 Extent of Injuries: C Case: 2003-30962821
Accident Class: PROPERTY DAMAGE AND INJURY Police Agency:RAMAPO TOWN PD Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: TRAFFIC SIGNAL
Manner of Collision: RIGHT ANGLE Weather: RAIN
Road Surface Collision: WET Road Char: STRAIGHT AND LEVEL Light Condition: DAYLIGHT
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: 2878 State of Registration: NY
Num of Occupants: 1 Drivers Age: 44 Sex: MALE Citation Issued: YES
Direction of Travel: NORTH Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: MAKING LEFT TURN
Apparent Factors: FAILURE TO YIELD RIGHT OF WAY TURNING IMPROPER

NYSDOT Safety Information Management System
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Route: 202 Highway Location Ref Mrkr Range: 202 85011053 - 202 85011104 Dates: 01-JAN-2003 - 31-DEC-2007

*** Ref Mrkr: 202 8501 1085 NON-INTERSECTION ACCIDENTS *** (Continued)

Veh: 2 CAR/VAN/PICKUP Registered Weight: 2835 State of Registration: NY
Num of Occupants: 1 Drivers Age: 22 Sex: MALE Citation Issued: NO
Direction of Travel: WEST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: GOING STRAIGHT AHEAD
Apparent Factors: UNKNOWN UNKNOWN

AUG-04-2003 MON 05:02 PM Persons Killed: 0 Persons Injured: 0 Extent of Injuries: Case: 2003-NR0266835
Accident Class: NON-REPORTABLE Police Agency: Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: TRAFFIC SIGNAL
Manner of Collision: REAR END Weather: RAIN
Road Surface Collision: WET Road Char: Light Condition: DAYLIGHT
Loc. of Ped/Bicycle: Action of Ped/Bicycle:

Veh: 1 OTHER Registered Weight: UNKNOWN State of Registration: UNKNOWN
Num of Occupants: UNKNOWN Drivers Age: UNKNOWN Sex: UNKNOWN Citation Issued: NO
Direction of Travel: EAST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: SLOWED OR STOPPING
Apparent Factors: OTHER (VEHICLE) PAVEMENT SLIPPERY

Veh: 2 OTHER Registered Weight: UNKNOWN State of Registration: UNKNOWN
Num of Occupants: UNKNOWN Drivers Age: UNKNOWN Sex: UNKNOWN Citation Issued: NO
Direction of Travel: EAST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: STOPPED IN TRAFFIC
Apparent Factors: UNKNOWN UNKNOWN

DEC-14-2003 SUN 03:00 PM Persons Killed: 0 Persons Injured: 0 Extent of Injuries: Case: 2003-31093903
Accident Class: PROPERTY DAMAGE Police Agency:NOT ENTERED Num of Veh: 1
Type of Accident: OTHER NON-COLLISION Traffic Control: TRAFFIC SIGNAL
Manner of Collision: OTHER Weather: CLOUDY
Road Surface Collision: SNOW/ICE Road Char: CURVE AND LEVEL Light Condition: DAYLIGHT
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: 2672 State of Registration: NY
Num of Occupants: 1 Drivers Age: 26 Sex: FEMALE Citation Issued: NO
Direction of Travel: SOUTH Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: MAKING RIGHT TURN
Apparent Factors: UNKNOWN UNKNOWN

DEC-15-2003 MON 05:01 PM Persons Killed: 0 Persons Injured: 0 Extent of Injuries: Case: 2003-31082125
Accident Class: PROPERTY DAMAGE Police Agency:NOT ENTERED Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: TRAFFIC SIGNAL
Manner of Collision: REAR END Weather: CLOUDY
Road Surface Collision: WET Road Char: STRAIGHT AND LEVEL Light Condition: DARK-ROAD LIGHTED

NYSDOT Safety Information Management System
Accident Verbal Description Report
Intersection & Non-Intersection Accidents
Complete Accident Data From NYSDMV Is Only Available thru 31-DEC-2007

Route: 202 Highway Location Ref Mrkr Range: 202 85011053 - 202 85011104 Dates: 01-JAN-2003 - 31-DEC-2007

*** Ref Mrkr: 202 8501 1085 NON-INTERSECTION ACCIDENTS *** (Continued)

Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: UNKNOWN State of Registration: NJ
Num of Occupants: 1 Drivers Age: 64 Sex: FEMALE Citation Issued: NO
Direction of Travel: EAST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: STOPPED IN TRAFFIC
Apparent Factors: UNKNOWN UNKNOWN

Veh: 2 OTHER Registered Weight: UNKNOWN State of Registration: UNKNOWN
Num of Occupants: UNKNOWN Drivers Age: UNKNOWN Sex: UNKNOWN Citation Issued: NO
Direction of Travel: EAST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: GOING STRAIGHT AHEAD
Apparent Factors: UNKNOWN UNKNOWN

DEC-24-2004 FRI 04:31 PM Persons Killed: 0 Persons Injured: 3 Extent of Injuries: BCC Case: 2004-31343610
Accident Class: PROPERTY DAMAGE AND INJURY Police Agency:RAMAPO TOWN PD Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: TRAFFIC SIGNAL
Manner of Collision: LEFT TURN (AGAINST OTHER CAR) Weather: CLEAR
Road Surface Collision: DRY Road Char: STRAIGHT AND LEVEL Light Condition: DUSK
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: 2422 State of Registration: NY
Num of Occupants: 3 Drivers Age: 28 Sex: FEMALE Citation Issued: NO
Direction of Travel: EAST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: GOING STRAIGHT AHEAD
Apparent Factors: UNKNOWN UNKNOWN

Veh: 2 CAR/VAN/PICKUP Registered Weight: 2564 State of Registration: NY
Num of Occupants: 3 Drivers Age: 49 Sex: MALE Citation Issued: NO
Direction of Travel: WEST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: MAKING LEFT TURN
Apparent Factors: UNKNOWN UNKNOWN

MAR-17-2005 THU 12:05 PM Persons Killed: 0 Persons Injured: 1 Extent of Injuries: C Case: 2005-31433297
Accident Class: PROPERTY DAMAGE AND INJURY Police Agency:NOT ENTERED Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: NONE
Manner of Collision: REAR END Weather: CLEAR
Road Surface Collision: DRY Road Char: STRAIGHT AND LEVEL Light Condition: UNKNOWN
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: 2465 State of Registration: NY
Num of Occupants: 1 Drivers Age: 35 Sex: FEMALE Citation Issued: NO
Direction of Travel: WEST Public Property Damage: NO School Bus Involved: NO

Route: 202 Highway Location Ref Mrkr Range: 202 85011053 - 202 85011104 Dates: 01-JAN-2003 - 31-DEC-2007

*** Ref Mrkr: 202 8501 1085 NON-INTERSECTION ACCIDENTS *** (Continued)

Pre-Accd Action: GOING STRAIGHT AHEAD
Apparent Factors: UNKNOWN UNKNOWN

Veh: 2 CAR/VAN/PICKUP Registered Weight: 5676 State of Registration: NY
Num of Occupants: 1 Drivers Age: 42 Sex: MALE Citation Issued: NO
Direction of Travel: WEST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: GOING STRAIGHT AHEAD
Apparent Factors: UNKNOWN UNKNOWN

NOV-07-2005 MON 08:50 AM Persons Killed: 0 Persons Injured: 1 Extent of Injuries: C Case: 2005-31648982
Accident Class: PROPERTY DAMAGE AND INJURY Police Agency:RAMAPO TOWN PD Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: NONE
Manner of Collision: REAR END Weather: CLEAR
Road Surface Collision: DRY Road Char: STRAIGHT AND LEVEL Light Condition: DAYLIGHT
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: 2703 State of Registration: NY
Num of Occupants: 1 Drivers Age: 46 Sex: FEMALE Citation Issued: NO
Direction of Travel: WEST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: GOING STRAIGHT AHEAD
Apparent Factors: FOLLOWING TOO CLOSELY NOT APPLICABLE

Veh: 2 CAR/VAN/PICKUP Registered Weight: 2662 State of Registration: NY
Num of Occupants: 1 Drivers Age: 27 Sex: FEMALE Citation Issued: NO
Direction of Travel: WEST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: SLOWED OR STOPPING
Apparent Factors: NOT APPLICABLE NOT APPLICABLE

NOV-07-2005 MON 08:18 AM Persons Killed: 0 Persons Injured: 1 Extent of Injuries: C Case: 2005-31648981
Accident Class: PROPERTY DAMAGE AND INJURY Police Agency:RAMAPO TOWN PD Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: NONE
Manner of Collision: REAR END Weather: CLEAR
Road Surface Collision: DRY Road Char: STRAIGHT AND LEVEL Light Condition: DAYLIGHT
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: 2019 State of Registration: NY
Num of Occupants: 1 Drivers Age: 45 Sex: MALE Citation Issued: NO
Direction of Travel: WEST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: GOING STRAIGHT AHEAD
Apparent Factors: FOLLOWING TOO CLOSELY UNKNOWN

Veh: 2 CAR/VAN/PICKUP Registered Weight: 3501 State of Registration: NY
Num of Occupants: 1 Drivers Age: 28 Sex: FEMALE Citation Issued: NO

NYSDOT Safety Information Management System
Accident Verbal Description Report
Intersection & Non-Intersection Accidents
Complete Accident Data From NYSDMV Is Only Available thru 31-DEC-2007

Route: 202 Highway Location Ref Mrkr Range: 202 85011053 - 202 85011104 Dates: 01-JAN-2003 - 31-DEC-2007

*** Ref Mrkr: 202 8501 1085 NON-INTERSECTION ACCIDENTS *** (Continued)

Direction of Travel: WEST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: SLOWED OR STOPPING
Apparent Factors: NOT APPLICABLE UNKNOWN

MAR-27-2006 MON 05:17 PM Persons Killed: 0 Persons Injured: 1 Extent of Injuries: B Case: 2006-31763045
Accident Class: PROPERTY DAMAGE AND INJURY Police Agency:RAMAPO TOWN PD Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: TRAFFIC SIGNAL
Manner of Collision: REAR END Weather: CLEAR
Road Surface Collision: DRY Road Char: STRAIGHT AND LEVEL Light Condition: DAYLIGHT
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: 2669 State of Registration: NY
Num of Occupants: 1 Drivers Age: 18 Sex: FEMALE Citation Issued: NO
Direction of Travel: WEST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: GOING STRAIGHT AHEAD
Apparent Factors: GLARE NOT APPLICABLE

Veh: 2 CAR/VAN/PICKUP Registered Weight: 4431 State of Registration: NY
Num of Occupants: 1 Drivers Age: 54 Sex: MALE Citation Issued: NO
Direction of Travel: WEST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: STOPPED IN TRAFFIC
Apparent Factors: NOT APPLICABLE NOT APPLICABLE

JUN-29-2006 THU 05:00 PM Persons Killed: 0 Persons Injured: 2 Extent of Injuries: CC Case: 2006-31839536
Accident Class: INJURY Police Agency:RAMAPO TOWN PD Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: TRAFFIC SIGNAL
Manner of Collision: REAR END Weather: CLEAR
Road Surface Collision: DRY Road Char: STRAIGHT AND LEVEL Light Condition: DAYLIGHT
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: 3891 State of Registration: NY
Num of Occupants: 2 Drivers Age: 51 Sex: MALE Citation Issued: NO
Direction of Travel: SOUTH Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: STOPPED IN TRAFFIC
Apparent Factors: NOT APPLICABLE UNKNOWN

Veh: 2 CAR/VAN/PICKUP Registered Weight: UNKNOWN State of Registration: NJ
Num of Occupants: 1 Drivers Age: 60 Sex: MALE Citation Issued: NO
Direction of Travel: SOUTH Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: GOING STRAIGHT AHEAD
Apparent Factors: GLARE UNKNOWN

*** Ref Mrkr: 202 8501 1085 INTERSECTION ACCIDENTS - PACESETTER PARK DR (STRIP MALL) ***

NYSDOT Safety Information Management System
Accident Verbal Description Report
Intersection & Non-Intersection Accidents
Complete Accident Data From NYSDMV Is Only Available thru 31-DEC-2007

Route: 202 Highway Location Ref Mrkr Range: 202 85011053 - 202 85011104 Dates: 01-JAN-2003 - 31-DEC-2007

SEP-23-2003 TUE 08:15 PM Persons Killed: 0 Persons Injured: 1 Extent of Injuries: C Case: 2003-31024418
Accident Class: PROPERTY DAMAGE AND INJURY Police Agency:RAMAPO TOWN PD Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: TRAFFIC SIGNAL
Manner of Collision: REAR END Weather: CLEAR
Road Surface Collision: DRY Road Char: STRAIGHT AND LEVEL Light Condition: DARK-ROAD LIGHTED
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: 3931 State of Registration: NY
Num of Occupants: 2 Drivers Age: 20 Sex: MALE Citation Issued: NO
Direction of Travel: EAST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: SLOWED OR STOPPING
Apparent Factors: DRIVER INATTENTION DRIVER INEXPERIENCE

Veh: 2 CAR/VAN/PICKUP Registered Weight: 5000 State of Registration: NY
Num of Occupants: 1 Drivers Age: 42 Sex: MALE Citation Issued: NO
Direction of Travel: EAST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: STOPPED IN TRAFFIC
Apparent Factors: NOT APPLICABLE NOT APPLICABLE

MAY-26-2006 FRI 07:43 PM Persons Killed: 0 Persons Injured: 2 Extent of Injuries: CC Case: 2006-31807422
Accident Class: PROPERTY DAMAGE AND INJURY Police Agency:RAMAPO TOWN PD Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: NONE
Manner of Collision: REAR END Weather: CLEAR
Road Surface Collision: DRY Road Char: STRAIGHT AND LEVEL Light Condition: DAYLIGHT
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: 2812 State of Registration: NY
Num of Occupants: 3 Drivers Age: 57 Sex: MALE Citation Issued: NO
Direction of Travel: NORTH Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: GOING STRAIGHT AHEAD
Apparent Factors: UNKNOWN UNKNOWN

Veh: 2 CAR/VAN/PICKUP Registered Weight: 3870 State of Registration: NY
Num of Occupants: 1 Drivers Age: 23 Sex: MALE Citation Issued: NO
Direction of Travel: NORTH Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: GOING STRAIGHT AHEAD
Apparent Factors: UNKNOWN UNKNOWN

DEC-25-2006 MON 05:49 PM Persons Killed: 0 Persons Injured: 0 Extent of Injuries: Case: 2006-32066281
Accident Class: PROPERTY DAMAGE Police Agency:RAMAPO TOWN PD Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: TRAFFIC SIGNAL
Manner of Collision: REAR END Weather: RAIN
Road Surface Collision: WET Road Char: STRAIGHT AND LEVEL Light Condition: DARK-ROAD LIGHTED
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

NYSDOT Safety Information Management System
Accident Verbal Description Report
Intersection & Non-Intersection Accidents
Complete Accident Data From NYSDMV Is Only Available thru 31-DEC-2007

Route: 202 Highway Location Ref Mrkr Range: 202 85011053 - 202 85011104 Dates: 01-JAN-2003 - 31-DEC-2007

*** Ref Mrkr: 202 8501 1085 INTERSECTION ACCIDENTS - PACESETTER PARK DR (STRIP MALL) *** (Continued)

Veh: 1 CAR/VAN/PICKUP Registered Weight: 2654 State of Registration: NY
Num of Occupants: 1 Drivers Age: 38 Sex: FEMALE Citation Issued: NO
Direction of Travel: EAST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: GOING STRAIGHT AHEAD
Apparent Factors: NOT APPLICABLE NOT APPLICABLE

Veh: 2 CAR/VAN/PICKUP Registered Weight: 3149 State of Registration: NY
Num of Occupants: 2 Drivers Age: 68 Sex: MALE Citation Issued: NO
Direction of Travel: EAST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: GOING STRAIGHT AHEAD
Apparent Factors: DRIVER INATTENTION NOT APPLICABLE

*** Ref Mrkr: 202 8501 1086 NON-INTERSECTION ACCIDENTS ***

MAR-19-2003 WED 04:54 PM Persons Killed: 0 Persons Injured: 0 Extent of Injuries: Case: 2003-NR0231383
Accident Class: NON-REPORTABLE Police Agency: Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: TRAFFIC SIGNAL
Manner of Collision: REAR END Weather: CLEAR
Road Surface Collision: DRY Road Char: Light Condition: DAYLIGHT
Loc. of Ped/Bicycle: Action of Ped/Bicycle:

Veh: 1 OTHER Registered Weight: UNKNOWN State of Registration: UNKNOWN
Num of Occupants: UNKNOWN Drivers Age: UNKNOWN Sex: UNKNOWN Citation Issued: NO
Direction of Travel: EAST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: STOPPED IN TRAFFIC
Apparent Factors: UNKNOWN UNKNOWN

Veh: 2 OTHER Registered Weight: UNKNOWN State of Registration: UNKNOWN
Num of Occupants: UNKNOWN Drivers Age: UNKNOWN Sex: UNKNOWN Citation Issued: NO
Direction of Travel: EAST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: SLOWED OR STOPPING
Apparent Factors: DRIVER INATTENTION FAILURE TO YIELD RIGHT OF WAY

APR-11-2003 FRI 03:10 PM Persons Killed: 0 Persons Injured: 0 Extent of Injuries: Case: 2003-NR0058504
Accident Class: NON-REPORTABLE Police Agency: Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: NONE
Manner of Collision: LEFT TURN (WITH OTHER CAR) Weather: RAIN
Road Surface Collision: WET Road Char: Light Condition: DAYLIGHT
Loc. of Ped/Bicycle: Action of Ped/Bicycle:

Veh: 1 OTHER Registered Weight: UNKNOWN State of Registration: UNKNOWN
Num of Occupants: UNKNOWN Drivers Age: UNKNOWN Sex: UNKNOWN Citation Issued: NO

NYSDOT Safety Information Management System
Accident Verbal Description Report
Intersection & Non-Intersection Accidents
Complete Accident Data From NYSDMV Is Only Available thru 31-DEC-2007

Route: 202 Highway Location Ref Mrkr Range: 202 85011053 - 202 85011104 Dates: 01-JAN-2003 - 31-DEC-2007

*** Ref Mrkr: 202 8501 1086 NON-INTERSECTION ACCIDENTS *** (Continued)

Direction of Travel: SOUTH Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: PARKED
Apparent Factors: UNKNOWN UNKNOWN

Veh: 2 OTHER Registered Weight: UNKNOWN State of Registration: UNKNOWN
Num of Occupants: UNKNOWN Drivers Age: UNKNOWN Sex: UNKNOWN Citation Issued: NO
Direction of Travel: SOUTH-WEST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: MAKING LEFT TURN
Apparent Factors: DRIVER INATTENTION UNKNOWN

APR-22-2003 TUE 12:13 PM Persons Killed: 0 Persons Injured: 0 Extent of Injuries: Case: 2003-NR0354770
Accident Class: NON-REPORTABLE Police Agency: Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: NONE
Manner of Collision: OTHER Weather: RAIN
Road Surface Collision: DRY Road Char: Light Condition: DAYLIGHT
Loc. of Ped/Bicycle: Action of Ped/Bicycle:

Veh: 1 OTHER Registered Weight: UNKNOWN State of Registration: UNKNOWN
Num of Occupants: UNKNOWN Drivers Age: UNKNOWN Sex: UNKNOWN Citation Issued: NO
Direction of Travel: EAST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: GOING STRAIGHT AHEAD
Apparent Factors: UNKNOWN UNKNOWN

Veh: 2 OTHER Registered Weight: UNKNOWN State of Registration: UNKNOWN
Num of Occupants: UNKNOWN Drivers Age: UNKNOWN Sex: UNKNOWN Citation Issued: NO
Direction of Travel: SOUTH-WEST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: MAKING LEFT TURN
Apparent Factors: FAILURE TO YIELD RIGHT OF WAY UNKNOWN

MAY-15-2003 THU 02:10 PM Persons Killed: 0 Persons Injured: 0 Extent of Injuries: Case: 2003-NR0308178
Accident Class: NON-REPORTABLE Police Agency: Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: NONE
Manner of Collision: REAR END Weather: CLEAR
Road Surface Collision: DRY Road Char: Light Condition: DAYLIGHT
Loc. of Ped/Bicycle: Action of Ped/Bicycle:

Veh: 1 OTHER Registered Weight: UNKNOWN State of Registration: UNKNOWN
Num of Occupants: UNKNOWN Drivers Age: UNKNOWN Sex: UNKNOWN Citation Issued: NO
Direction of Travel: WEST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: STOPPED IN TRAFFIC
Apparent Factors: DRIVER INATTENTION UNKNOWN

Veh: 2 OTHER Registered Weight: UNKNOWN State of Registration: UNKNOWN

NYSDOT Safety Information Management System
Accident Verbal Description Report
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Complete Accident Data From NYSDMV Is Only Available thru 31-DEC-2007

Route: 202 Highway Location Ref Mrkr Range: 202 85011053 - 202 85011104 Dates: 01-JAN-2003 - 31-DEC-2007

*** Ref Mrkr: 202 8501 1086 NON-INTERSECTION ACCIDENTS *** (Continued)

Num of Occupants: UNKNOWN Drivers Age: UNKNOWN Sex: UNKNOWN Citation Issued: NO
Direction of Travel: WEST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: GOING STRAIGHT AHEAD
Apparent Factors: UNKNOWN UNKNOWN

MAY-17-2003 SAT 12:29 PM Persons Killed: 0 Persons Injured: 1 Extent of Injuries: A Case: 2003-30914104
Accident Class: PROPERTY DAMAGE AND INJURY Police Agency:RAMAPO TOWN PD Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: NONE
Manner of Collision: UNKNOWN Weather: CLEAR
Road Surface Collision: DRY Road Char: STRAIGHT AND LEVEL Light Condition: DAYLIGHT
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: 2949 State of Registration: NY
Num of Occupants: 1 Drivers Age: 90 Sex: MALE Citation Issued: NO
Direction of Travel: SOUTH Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: MAKING LEFT TURN
Apparent Factors: FAILURE TO YIELD RIGHT OF WAY DRIVER INATTENTION

Veh: 2 MOTORCYCLE Registered Weight: 406 State of Registration: NY
Num of Occupants: 1 Drivers Age: 26 Sex: MALE Citation Issued: NO
Direction of Travel: EAST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: GOING STRAIGHT AHEAD
Apparent Factors: UNSAFE SPEED UNKNOWN

OCT-13-2003 MON 08:45 AM Persons Killed: 0 Persons Injured: 2 Extent of Injuries: CC Case: 2003-31043186
Accident Class: INJURY Police Agency:RAMAPO TOWN PD Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: NONE
Manner of Collision: LEFT TURN (WITH OTHER CAR) Weather: CLEAR
Road Surface Collision: DRY Road Char: STRAIGHT AND LEVEL Light Condition: DAYLIGHT
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: 4284 State of Registration: NY
Num of Occupants: 1 Drivers Age: 40 Sex: MALE Citation Issued: NO
Direction of Travel: EAST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: GOING STRAIGHT AHEAD
Apparent Factors: UNKNOWN UNKNOWN

Veh: 2 CAR/VAN/PICKUP Registered Weight: 2449 State of Registration: NY
Num of Occupants: 1 Drivers Age: 64 Sex: FEMALE Citation Issued: NO
Direction of Travel: SOUTH-WEST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: MAKING LEFT TURN
Apparent Factors: FAILURE TO YIELD RIGHT OF WAY UNKNOWN

Route: 202 Highway Location Ref Mrkr Range: 202 85011053 - 202 85011104 Dates: 01-JAN-2003 - 31-DEC-2007

*** Ref Mrkr: 202 8501 1086 NON-INTERSECTION ACCIDENTS *** (Continued)

JUN-07-2004 MON 09:03 PM Persons Killed: 0 Persons Injured: 2 Extent of Injuries: CC Case: 2004-31223934
Accident Class: INJURY Police Agency:RAMAPO TOWN PD Num of Veh: 3
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: NO PASSING ZONE
Manner of Collision: OTHER Weather: CLEAR
Road Surface Collision: DRY Road Char: STRAIGHT AND LEVEL Light Condition: DARK-ROAD UNLIGHTED
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: 3495 State of Registration: NY
Num of Occupants: 2 Drivers Age: 55 Sex: MALE Citation Issued: NO
Direction of Travel: WEST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: STOPPED IN TRAFFIC
Apparent Factors: UNKNOWN NOT APPLICABLE

Veh: 2 CAR/VAN/PICKUP Registered Weight: 3019 State of Registration: NY
Num of Occupants: 1 Drivers Age: 60 Sex: FEMALE Citation Issued: NO
Direction of Travel: WEST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: STOPPED IN TRAFFIC
Apparent Factors: NOT APPLICABLE NOT APPLICABLE

Veh: 3 CAR/VAN/PICKUP Registered Weight: 2751 State of Registration: NY
Num of Occupants: 3 Drivers Age: 16 Sex: FEMALE Citation Issued: NO
Direction of Travel: WEST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: SLOWED OR STOPPING
Apparent Factors: UNKNOWN UNKNOWN

DEC-16-2004 THU 04:04 PM Persons Killed: 0 Persons Injured: 0 Extent of Injuries: Case: 2004-31352403
Accident Class: PROPERTY DAMAGE Police Agency:NOT ENTERED Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: UNKNOWN
Manner of Collision: UNKNOWN Weather: UNKNOWN
Road Surface Collision: UNKNOWN Road Char: UNKNOWN Light Condition: UNKNOWN
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: 2588 State of Registration: NY
Num of Occupants: 1 Drivers Age: 17 Sex: MALE Citation Issued: NO
Direction of Travel: UNKNOWN Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: STOPPED IN TRAFFIC
Apparent Factors: UNKNOWN UNKNOWN

Veh: 2 CAR/VAN/PICKUP Registered Weight: 2502 State of Registration: NY
Num of Occupants: 1 Drivers Age: 19 Sex: MALE Citation Issued: NO
Direction of Travel: UNKNOWN Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: UNKNOWN
Apparent Factors: UNKNOWN UNKNOWN

NYSDOT Safety Information Management System
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Route: 202 Highway Location Ref Mrkr Range: 202 85011053 - 202 85011104 Dates: 01-JAN-2003 - 31-DEC-2007

DEC-16-2004 THU 04:04 PM Persons Killed: 0 Persons Injured: 0 Extent of Injuries: Case: 2004-NR1085429
Accident Class: NON-REPORTABLE Police Agency: Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: YIELD SIGN
Manner of Collision: OVERTAKING Weather: CLEAR
Road Surface Collision: DRY Road Char: Light Condition: DAYLIGHT
Loc. of Ped/Bicycle: Action of Ped/Bicycle:

Veh: 1 OTHER Registered Weight: UNKNOWN State of Registration: UNKNOWN
Num of Occupants: UNKNOWN Drivers Age: UNKNOWN Sex: UNKNOWN Citation Issued: NO
Direction of Travel: NORTH-EAST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: MAKING RIGHT TURN
Apparent Factors: UNKNOWN UNKNOWN

Veh: 2 OTHER Registered Weight: UNKNOWN State of Registration: UNKNOWN
Num of Occupants: UNKNOWN Drivers Age: UNKNOWN Sex: UNKNOWN Citation Issued: NO
Direction of Travel: NORTH-EAST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: MAKING RIGHT TURN
Apparent Factors: PASSING OR LANE USAGE IMPROPERLY UNKNOWN

AUG-03-2005 WED 11:37 AM Persons Killed: 0 Persons Injured: 1 Extent of Injuries: C Case: 2005-31543527
Accident Class: PROPERTY DAMAGE AND INJURY Police Agency:RAMAPO TOWN PD Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: NONE
Manner of Collision: REAR END Weather: CLEAR
Road Surface Collision: DRY Road Char: STRAIGHT AND LEVEL Light Condition: DAYLIGHT
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: 9400 State of Registration: NY
Num of Occupants: 1 Drivers Age: 36 Sex: MALE Citation Issued: YES
Direction of Travel: WEST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: GOING STRAIGHT AHEAD
Apparent Factors: FOLLOWING TOO CLOSELY UNKNOWN

Veh: 2 TRUCK Registered Weight: UNKNOWN State of Registration: NJ
Num of Occupants: 2 Drivers Age: 22 Sex: MALE Citation Issued: NO
Direction of Travel: WEST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: MAKING LEFT TURN
Apparent Factors: UNKNOWN UNKNOWN
Truck/Bus Clsf: NOT ENTERED

*** Ref Mrkr: 202 8501 1087 NON-INTERSECTION ACCIDENTS ***

NOV-24-2003 MON 05:15 PM Persons Killed: 0 Persons Injured: 0 Extent of Injuries: Case: 2003-NR0285573
Accident Class: NON-REPORTABLE Police Agency: Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: NO PASSING ZONE

NYSDOT Safety Information Management System
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Complete Accident Data From NYSDMV Is Only Available thru 31-DEC-2007

Route: 202 Highway Location Ref Mrkr Range: 202 85011053 - 202 85011104 Dates: 01-JAN-2003 - 31-DEC-2007

*** Ref Mrkr: 202 8501 1087 NON-INTERSECTION ACCIDENTS *** (Continued)

Manner of Collision: REAR END Weather: CLEAR
Road Surface Collision: DRY Road Char: Light Condition: DARK-ROAD LIGHTED
Loc. of Ped/Bicycle: Action of Ped/Bicycle:

Veh: 1 OTHER Registered Weight: UNKNOWN State of Registration: UNKNOWN
Num of Occupants: UNKNOWN Drivers Age: UNKNOWN Sex: UNKNOWN Citation Issued: NO
Direction of Travel: WEST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: MAKING LEFT TURN
Apparent Factors: UNKNOWN UNKNOWN

Veh: 2 OTHER Registered Weight: UNKNOWN State of Registration: UNKNOWN
Num of Occupants: UNKNOWN Drivers Age: UNKNOWN Sex: UNKNOWN Citation Issued: NO
Direction of Travel: WEST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: GOING STRAIGHT AHEAD
Apparent Factors: FOLLOWING TOO CLOSELY UNKNOWN

FEB-17-2004 TUE 10:20 AM Persons Killed: 0 Persons Injured: 2 Extent of Injuries: AB Case: 2004-31123302
Accident Class: INJURY Police Agency:PALISADES SP Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: NO PASSING ZONE
Manner of Collision: UNKNOWN Weather: CLOUDY
Road Surface Collision: DRY Road Char: STRAIGHT AND LEVEL Light Condition: DAYLIGHT
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: 2432 State of Registration: NY
Num of Occupants: 1 Drivers Age: 27 Sex: MALE Citation Issued: YES
Direction of Travel: EAST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: OTHER
Apparent Factors: PASSING OR LANE USAGE IMPROPERLY UNSAFE SPEED

Veh: 2 CAR/VAN/PICKUP Registered Weight: 3810 State of Registration: NY
Num of Occupants: 1 Drivers Age: 17 Sex: MALE Citation Issued: NO
Direction of Travel: WEST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: MAKING LEFT TURN
Apparent Factors: NOT APPLICABLE UNKNOWN

MAR-02-2004 TUE 12:59 PM Persons Killed: 0 Persons Injured: 0 Extent of Injuries: Case: 2004-NR0447909
Accident Class: NON-REPORTABLE Police Agency: Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: NO PASSING ZONE
Manner of Collision: OTHER Weather: CLOUDY
Road Surface Collision: DRY Road Char: Light Condition: DAYLIGHT
Loc. of Ped/Bicycle: Action of Ped/Bicycle:

Veh: 1 OTHER Registered Weight: UNKNOWN State of Registration: UNKNOWN

NYSDOT Safety Information Management System
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Route: 202 Highway Location Ref Mrkr Range: 202 85011053 - 202 85011104 Dates: 01-JAN-2003 - 31-DEC-2007

*** Ref Mrkr: 202 8501 1087 NON-INTERSECTION ACCIDENTS *** (Continued)

Num of Occupants: UNKNOWN Drivers Age: UNKNOWN Sex: UNKNOWN Citation Issued: NO
Direction of Travel: SOUTH-WEST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: MAKING LEFT TURN
Apparent Factors: VIEW OBSTRUCTED/LIMITED UNKNOWN

Veh: 2 OTHER Registered Weight: UNKNOWN State of Registration: UNKNOWN
Num of Occupants: UNKNOWN Drivers Age: UNKNOWN Sex: UNKNOWN Citation Issued: NO
Direction of Travel: NORTH-WEST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: MAKING LEFT TURN
Apparent Factors: FAILURE TO YIELD RIGHT OF WAY VIEW OBSTRUCTED/LIMITED

JUN-12-2005 SUN 11:36 AM Persons Killed: 0 Persons Injured: 2 Extent of Injuries: CC Case: 2005-31523168
Accident Class: INJURY Police Agency:NOT ENTERED Num of Veh: 3
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: TRAFFIC SIGNAL
Manner of Collision: OTHER Weather: CLEAR
Road Surface Collision: DRY Road Char: STRAIGHT AND LEVEL Light Condition: UNKNOWN
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: 3142 State of Registration: NY
Num of Occupants: 2 Drivers Age: 56 Sex: MALE Citation Issued: NO
Direction of Travel: WEST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: STOPPED IN TRAFFIC
Apparent Factors: UNKNOWN UNKNOWN

Veh: 2 CAR/VAN/PICKUP Registered Weight: UNKNOWN State of Registration: FL
Num of Occupants: 2 Drivers Age: 72 Sex: MALE Citation Issued: NO
Direction of Travel: WEST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: STOPPED IN TRAFFIC
Apparent Factors: UNKNOWN UNKNOWN

Veh: 3 CAR/VAN/PICKUP Registered Weight: 3286 State of Registration: NY
Num of Occupants: 1 Drivers Age: 72 Sex: FEMALE Citation Issued: NO
Direction of Travel: WEST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: GOING STRAIGHT AHEAD
Apparent Factors: UNKNOWN UNKNOWN

SEP-29-2005 THU 10:21 AM Persons Killed: 0 Persons Injured: 1 Extent of Injuries: C Case: 2005-31614690
Accident Class: PROPERTY DAMAGE AND INJURY Police Agency:RAMAPO TOWN PD Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: STOP SIGN
Manner of Collision: UNKNOWN Weather: RAIN
Road Surface Collision: WET Road Char: STRAIGHT/ GRADE Light Condition: DAYLIGHT
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

NYSDOT Safety Information Management System
Accident Verbal Description Report
Intersection & Non-Intersection Accidents
Complete Accident Data From NYSDMV Is Only Available thru 31-DEC-2007

Route: 202 Highway Location Ref Mrkr Range: 202 85011053 - 202 85011104 Dates: 01-JAN-2003 - 31-DEC-2007

*** Ref Mrkr: 202 8501 1087 NON-INTERSECTION ACCIDENTS *** (Continued)

Veh: 1 CAR/VAN/PICKUP Registered Weight: 2898 State of Registration: NY
Num of Occupants: 1 Drivers Age: 40 Sex: FEMALE Citation Issued: NO
Direction of Travel: SOUTH-WEST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: MAKING LEFT TURN
Apparent Factors: FAILURE TO YIELD RIGHT OF WAY DRIVER INATTENTION

Veh: 2 CAR/VAN/PICKUP Registered Weight: 5540 State of Registration: NY
Num of Occupants: 1 Drivers Age: 41 Sex: FEMALE Citation Issued: NO
Direction of Travel: NORTH-WEST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: MAKING LEFT TURN
Apparent Factors: UNKNOWN UNKNOWN

NOV-02-2005 WED 04:35 PM Persons Killed: 0 Persons Injured: 2 Extent of Injuries: CC Case: 2005-31650549
Accident Class: INJURY Police Agency:RAMAPO TOWN PD Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: NONE
Manner of Collision: REAR END Weather: CLEAR
Road Surface Collision: DRY Road Char: STRAIGHT AND LEVEL Light Condition: DUSK
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: 3548 State of Registration: NY
Num of Occupants: 2 Drivers Age: 76 Sex: FEMALE Citation Issued: NO
Direction of Travel: SOUTH-WEST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: MAKING LEFT TURN
Apparent Factors: UNKNOWN UNKNOWN

Veh: 2 CAR/VAN/PICKUP Registered Weight: 3994 State of Registration: NY
Num of Occupants: 2 Drivers Age: 20 Sex: FEMALE Citation Issued: NO
Direction of Travel: WEST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: GOING STRAIGHT AHEAD
Apparent Factors: GLARE UNKNOWN

NOV-15-2005 TUE 11:29 AM Persons Killed: 0 Persons Injured: 1 Extent of Injuries: B Case: 2005-31675613
Accident Class: INJURY Police Agency:RAMAPO TOWN PD Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: NONE
Manner of Collision: RIGHT ANGLE Weather: CLOUDY
Road Surface Collision: WET Road Char: STRAIGHT AND LEVEL Light Condition: DAYLIGHT
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: UNKNOWN State of Registration: NJ
Num of Occupants: 1 Drivers Age: 28 Sex: MALE Citation Issued: YES
Direction of Travel: NORTH-WEST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: MAKING LEFT TURN
Apparent Factors: FAILURE TO YIELD RIGHT OF WAY UNKNOWN

NYSDOT Safety Information Management System
Accident Verbal Description Report
Intersection & Non-Intersection Accidents
Complete Accident Data From NYSDMV Is Only Available thru 31-DEC-2007

Route: 202 Highway Location Ref Mrkr Range: 202 85011053 - 202 85011104 Dates: 01-JAN-2003 - 31-DEC-2007

*** Ref Mrkr: 202 8501 1087 NON-INTERSECTION ACCIDENTS *** (Continued)

Veh: 2 CAR/VAN/PICKUP Registered Weight: 2629 State of Registration: NY
Num of Occupants: 1 Drivers Age: 61 Sex: MALE Citation Issued: NO
Direction of Travel: EAST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: GOING STRAIGHT AHEAD
Apparent Factors: NOT APPLICABLE UNKNOWN

JAN-17-2006 TUE 07:34 AM Persons Killed: 0 Persons Injured: 1 Extent of Injuries: C Case: 2006-31735434
Accident Class: INJURY Police Agency:RAMAPO TOWN PD Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: NONE
Manner of Collision: REAR END Weather: CLEAR
Road Surface Collision: WET Road Char: STRAIGHT/ GRADE Light Condition: DAYLIGHT
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: 2952 State of Registration: NY
Num of Occupants: 1 Drivers Age: 27 Sex: FEMALE Citation Issued: NO
Direction of Travel: WEST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: GOING STRAIGHT AHEAD
Apparent Factors: PAVEMENT SLIPPERY UNKNOWN

Veh: 2 CAR/VAN/PICKUP Registered Weight: 2360 State of Registration: NY
Num of Occupants: 1 Drivers Age: 51 Sex: FEMALE Citation Issued: NO
Direction of Travel: WEST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: STOPPED IN TRAFFIC
Apparent Factors: NOT APPLICABLE UNKNOWN

OCT-19-2007 FRI 08:24 AM Persons Killed: 0 Persons Injured: 2 Extent of Injuries: CC Case: 2007-32361286
Accident Class: PROPERTY DAMAGE AND INJURY Police Agency:RAMAPO TOWN PD Num of Veh: 3
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: NO PASSING ZONE
Manner of Collision: OTHER Weather: CLOUDY
Road Surface Collision: WET Road Char: CURVE AND LEVEL Light Condition: DAYLIGHT
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: 3548 State of Registration: NY
Num of Occupants: 1 Drivers Age: 49 Sex: FEMALE Citation Issued: NO
Direction of Travel: SOUTH-WEST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: GOING STRAIGHT AHEAD
Apparent Factors: NOT APPLICABLE NOT APPLICABLE

Veh: 2 CAR/VAN/PICKUP Registered Weight: 3184 State of Registration: NY
Num of Occupants: 1 Drivers Age: 35 Sex: MALE Citation Issued: NO
Direction of Travel: NORTH-EAST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: GOING STRAIGHT AHEAD

NYSDOT Safety Information Management System
Accident Verbal Description Report
Intersection & Non-Intersection Accidents
Complete Accident Data From NYSDMV Is Only Available thru 31-DEC-2007

Route: 202 Highway Location Ref Mrkr Range: 202 85011053 - 202 85011104 Dates: 01-JAN-2003 - 31-DEC-2007

*** Ref Mrkr: 202 8501 1087 NON-INTERSECTION ACCIDENTS *** (Continued)

Apparent Factors: FAILURE TO KEEP RIGHT TRAFFIC CONTROL DEVICES DISREGARDED

Veh: 3 TRUCK Registered Weight: UNKNOWN State of Registration: NJ
Num of Occupants: 1 Drivers Age: 37 Sex: MALE Citation Issued: NO
Direction of Travel: SOUTH-WEST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: GOING STRAIGHT AHEAD
Apparent Factors: NOT APPLICABLE NOT APPLICABLE
Truck/Bus Clsf: NOT ENTERED

*** Ref Mrkr: 202 8501 1087 INTERSECTION ACCIDENTS - INVALID INTERSECTION NUMBER 00 ***

JUN-14-2006 WED 02:30 PM Persons Killed: 0 Persons Injured: 1 Extent of Injuries: C Case: 2006-31808480
Accident Class: PROPERTY DAMAGE AND INJURY Police Agency:PALISADES SP Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: YIELD SIGN
Manner of Collision: REAR END Weather: RAIN
Road Surface Collision: WET Road Char: CURVE AND LEVEL Light Condition: DAYLIGHT
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: UNKNOWN State of Registration: NY
Num of Occupants: 1 Drivers Age: 46 Sex: FEMALE Citation Issued: NO
Direction of Travel: SOUTH Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: SLOWED OR STOPPING
Apparent Factors: NOT APPLICABLE NOT APPLICABLE

Veh: 2 CAR/VAN/PICKUP Registered Weight: UNKNOWN State of Registration: NY
Num of Occupants: 1 Drivers Age: 33 Sex: FEMALE Citation Issued: NO
Direction of Travel: SOUTH Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: GOING STRAIGHT AHEAD
Apparent Factors: FOLLOWING TOO CLOSELY NOT APPLICABLE

*** Ref Mrkr: 202 8501 1087 INTERSECTION ACCIDENTS - INVALID INTERSECTION NUMBER 01 ***

AUG-28-2007 TUE 05:45 PM Persons Killed: 0 Persons Injured: 0 Extent of Injuries: Case: 2007-32313008
Accident Class: NON-REPORTABLE Police Agency:PALISADES SP Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: NO PASSING ZONE
Manner of Collision: HEAD ON Weather: CLEAR
Road Surface Collision: DRY Road Char: STRAIGHT AND LEVEL Light Condition: DAYLIGHT
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: UNKNOWN State of Registration: NY
Num of Occupants: 1 Drivers Age: 44 Sex: MALE Citation Issued: NO
Direction of Travel: SOUTH-WEST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: GOING STRAIGHT AHEAD

NYSDOT Safety Information Management System
Accident Verbal Description Report
Intersection & Non-Intersection Accidents
Complete Accident Data From NYSDMV Is Only Available thru 31-DEC-2007

Route: 202 Highway Location Ref Mrkr Range: 202 85011053 - 202 85011104 Dates: 01-JAN-2003 - 31-DEC-2007

*** Ref Mrkr: 202 8501 1087 INTERSECTION ACCIDENTS - INVALID INTERSECTION NUMBER 01 *** (Continued)

Apparent Factors: REACTION TO OTHER UNINVOLVED VEHICL UNSAFE SPEED

Veh: 2 CAR/VAN/PICKUP Registered Weight: UNKNOWN State of Registration: NY
Num of Occupants: 5 Drivers Age: 40 Sex: MALE Citation Issued: NO
Direction of Travel: NORTH-EAST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: STOPPED IN TRAFFIC
Apparent Factors: NOT APPLICABLE NOT APPLICABLE

*** Ref Mrkr: 202 8501 1088 NON-INTERSECTION ACCIDENTS ***

AUG-08-2003 FRI 04:20 PM Persons Killed: 0 Persons Injured: 0 Extent of Injuries: Case: 2003-30989501
Accident Class: PROPERTY DAMAGE Police Agency:NOT ENTERED Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: OTHER
Manner of Collision: UNKNOWN Weather: CLEAR
Road Surface Collision: DRY Road Char: CURVE AND LEVEL Light Condition: UNKNOWN
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: 4061 State of Registration: NY
Num of Occupants: 1 Drivers Age: 22 Sex: MALE Citation Issued: NO
Direction of Travel: NORTH Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: CHANGING LANES
Apparent Factors: UNKNOWN UNKNOWN

Veh: 2 CAR/VAN/PICKUP Registered Weight: 3792 State of Registration: NY
Num of Occupants: 1 Drivers Age: 58 Sex: FEMALE Citation Issued: NO
Direction of Travel: WEST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: CHANGING LANES
Apparent Factors: UNKNOWN UNKNOWN

NOV-22-2003 SAT 08:55 AM Persons Killed: 0 Persons Injured: 0 Extent of Injuries: Case: 2003-NR1424920
Accident Class: NON-REPORTABLE Police Agency: Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: NONE
Manner of Collision: REAR END Weather: CLEAR
Road Surface Collision: DRY Road Char: Light Condition: DAYLIGHT
Loc. of Ped/Bicycle: Action of Ped/Bicycle:

Veh: 1 OTHER Registered Weight: UNKNOWN State of Registration: UNKNOWN
Num of Occupants: UNKNOWN Drivers Age: UNKNOWN Sex: UNKNOWN Citation Issued: NO
Direction of Travel: WEST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: STOPPED IN TRAFFIC
Apparent Factors: UNKNOWN UNKNOWN

Veh: 2 OTHER Registered Weight: UNKNOWN State of Registration: UNKNOWN

Route: 202 Highway Location Ref Mrkr Range: 202 85011053 - 202 85011104 Dates: 01-JAN-2003 - 31-DEC-2007

*** Ref Mrkr: 202 8501 1088 NON-INTERSECTION ACCIDENTS *** (Continued)

Num of Occupants: UNKNOWN Drivers Age: UNKNOWN Sex: UNKNOWN Citation Issued: NO
Direction of Travel: WEST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: GOING STRAIGHT AHEAD
Apparent Factors: FOLLOWING TOO CLOSELY UNKNOWN

MAR-11-2005 FRI 04:32 PM Persons Killed: 0 Persons Injured: 2 Extent of Injuries: CC Case: 2005-31422853
Accident Class: PROPERTY DAMAGE AND INJURY Police Agency:RAMAPO TOWN PD Num of Veh: 3
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: NONE
Manner of Collision: OTHER Weather: CLOUDY
Road Surface Collision: WET Road Char: STRAIGHT/ GRADE Light Condition: DAYLIGHT
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: 4062 State of Registration: NY
Num of Occupants: 1 Drivers Age: 57 Sex: FEMALE Citation Issued: NO
Direction of Travel: WEST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: SLOWED OR STOPPING
Apparent Factors: NOT APPLICABLE UNKNOWN

Veh: 2 CAR/VAN/PICKUP Registered Weight: 2723 State of Registration: NY
Num of Occupants: 1 Drivers Age: 44 Sex: FEMALE Citation Issued: NO
Direction of Travel: WEST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: GOING STRAIGHT AHEAD
Apparent Factors: FOLLOWING TOO CLOSELY UNKNOWN

Veh: 3 CAR/VAN/PICKUP Registered Weight: 3203 State of Registration: NY
Num of Occupants: 1 Drivers Age: 29 Sex: FEMALE Citation Issued: NO
Direction of Travel: WEST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: GOING STRAIGHT AHEAD
Apparent Factors: DRIVER INATTENTION UNKNOWN

MAR-17-2005 THU 04:08 PM Persons Killed: 0 Persons Injured: 1 Extent of Injuries: C Case: 2005-31426568
Accident Class: INJURY Police Agency:RAMAPO TOWN PD Num of Veh: 3
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: TRAFFIC SIGNAL
Manner of Collision: OTHER Weather: CLEAR
Road Surface Collision: DRY Road Char: STRAIGHT AND LEVEL Light Condition: DAYLIGHT
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: 3838 State of Registration: NY
Num of Occupants: 2 Drivers Age: 41 Sex: MALE Citation Issued: NO
Direction of Travel: EAST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: STOPPED IN TRAFFIC
Apparent Factors: UNKNOWN UNKNOWN

Route: 202 Highway Location Ref Mrkr Range: 202 85011053 - 202 85011104 Dates: 01-JAN-2003 - 31-DEC-2007

*** Ref Mrkr: 202 8501 1088 NON-INTERSECTION ACCIDENTS *** (Continued)

Veh: 2 CAR/VAN/PICKUP Registered Weight: 3125 State of Registration: NY
Num of Occupants: 1 Drivers Age: 20 Sex: MALE Citation Issued: NO
Direction of Travel: EAST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: SLOWED OR STOPPING
Apparent Factors: FOLLOWING TOO CLOSELY UNKNOWN

Veh: 3 CAR/VAN/PICKUP Registered Weight: 2944 State of Registration: NY
Num of Occupants: 2 Drivers Age: 19 Sex: FEMALE Citation Issued: NO
Direction of Travel: EAST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: SLOWED OR STOPPING
Apparent Factors: FOLLOWING TOO CLOSELY UNKNOWN

JUN-05-2005 SUN 02:07 PM Persons Killed: 0 Persons Injured: 2 Extent of Injuries: CC Case: 2005-31503766
Accident Class: PROPERTY DAMAGE AND INJURY Police Agency:RAMAPO TOWN PD Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: TRAFFIC SIGNAL
Manner of Collision: LEFT TURN (AGAINST OTHER CAR) Weather: CLEAR
Road Surface Collision: DRY Road Char: STRAIGHT/ GRADE Light Condition: DAYLIGHT
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: 2520 State of Registration: NY
Num of Occupants: 2 Drivers Age: 21 Sex: FEMALE Citation Issued: NO
Direction of Travel: WEST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: GOING STRAIGHT AHEAD
Apparent Factors: NOT APPLICABLE UNKNOWN

Veh: 2 CAR/VAN/PICKUP Registered Weight: 2828 State of Registration: NY
Num of Occupants: 1 Drivers Age: 16 Sex: FEMALE Citation Issued: NO
Direction of Travel: EAST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: MAKING LEFT TURN
Apparent Factors: DRIVER INATTENTION FAILURE TO YIELD RIGHT OF WAY

JUN-04-2007 MON 06:34 AM Persons Killed: 0 Persons Injured: 0 Extent of Injuries: Case: 2007-32211575
Accident Class: PROPERTY DAMAGE Police Agency:ROCKLAND CO SO Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: NONE
Manner of Collision: RIGHT ANGLE Weather: RAIN
Road Surface Collision: WET Road Char: STRAIGHT/ GRADE Light Condition: DAWN
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: 3732 State of Registration: NY
Num of Occupants: 1 Drivers Age: 29 Sex: FEMALE Citation Issued: NO
Direction of Travel: EAST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: GOING STRAIGHT AHEAD
Apparent Factors: FELL ASLEEP PAVEMENT SLIPPERY

NYSDOT Safety Information Management System
Accident Verbal Description Report
Intersection & Non-Intersection Accidents
Complete Accident Data From NYSDMV Is Only Available thru 31-DEC-2007

Route: 202 Highway Location Ref Mrkr Range: 202 85011053 - 202 85011104 Dates: 01-JAN-2003 - 31-DEC-2007

*** Ref Mrkr: 202 8501 1088 NON-INTERSECTION ACCIDENTS *** (Continued)

Veh: 2 CAR/VAN/PICKUP Registered Weight: 2334 State of Registration: NY
Num of Occupants: 1 Drivers Age: 61 Sex: MALE Citation Issued: NO
Direction of Travel: NORTH Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: MAKING LEFT TURN
Apparent Factors: PAVEMENT SLIPPERY NOT APPLICABLE

JUL-17-2007 TUE 12:32 PM Persons Killed: 0 Persons Injured: 2 Extent of Injuries: BC Case: 2007-32266323
Accident Class: PROPERTY DAMAGE AND INJURY Police Agency:RAMAPO TOWN PD Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: STOP SIGN
Manner of Collision: UNKNOWN Weather: CLEAR
Road Surface Collision: DRY Road Char: STRAIGHT AND LEVEL Light Condition: DAYLIGHT
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: 2374 State of Registration: NY
Num of Occupants: 3 Drivers Age: 19 Sex: FEMALE Citation Issued: NO
Direction of Travel: WEST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: MAKING LEFT TURN
Apparent Factors: UNKNOWN UNKNOWN

Veh: 2 CAR/VAN/PICKUP Registered Weight: UNKNOWN State of Registration: NJ
Num of Occupants: 1 Drivers Age: 48 Sex: FEMALE Citation Issued: NO
Direction of Travel: NORTH Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: MAKING LEFT TURN
Apparent Factors: FAILURE TO YIELD RIGHT OF WAY UNKNOWN

AUG-16-2007 THU 08:57 AM Persons Killed: 0 Persons Injured: 0 Extent of Injuries: Case: 2007-32297570
Accident Class: PROPERTY DAMAGE Police Agency:RAMAPO TOWN PD Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: NONE
Manner of Collision: UNKNOWN Weather: CLOUDY
Road Surface Collision: DRY Road Char: STRAIGHT/ GRADE Light Condition: DAYLIGHT
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: 2830 State of Registration: NY
Num of Occupants: 1 Drivers Age: 80 Sex: FEMALE Citation Issued: NO
Direction of Travel: EAST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: GOING STRAIGHT AHEAD
Apparent Factors: NOT APPLICABLE NOT APPLICABLE

Veh: 2 CAR/VAN/PICKUP Registered Weight: 3600 State of Registration: NY
Num of Occupants: 1 Drivers Age: 69 Sex: MALE Citation Issued: NO
Direction of Travel: NORTH Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: MAKING LEFT TURN

NYSDOT Safety Information Management System
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Complete Accident Data From NYSDMV Is Only Available thru 31-DEC-2007

Route: 202 Highway Location Ref Mrkr Range: 202 85011053 - 202 85011104 Dates: 01-JAN-2003 - 31-DEC-2007

*** Ref Mrkr: 202 8501 1088 NON-INTERSECTION ACCIDENTS *** (Continued)

Apparent Factors: FAILURE TO YIELD RIGHT OF WAY TURNING IMPROPER

*** Ref Mrkr: 202 8501 1089 NON-INTERSECTION ACCIDENTS ***

JAN-18-2003 SAT 07:13 PM Persons Killed: 0 Persons Injured: 3 Extent of Injuries: CCC Case: 2003-30832125
Accident Class: PROPERTY DAMAGE AND INJURY Police Agency:RAMAPO TOWN PD Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: TRAFFIC SIGNAL
Manner of Collision: HEAD ON Weather: CLEAR
Road Surface Collision: DRY Road Char: STRAIGHT AND LEVEL Light Condition: DARK-ROAD LIGHTED
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: 1914 State of Registration: NY
Num of Occupants: 1 Drivers Age: 17 Sex: FEMALE Citation Issued: NO
Direction of Travel: WEST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: GOING STRAIGHT AHEAD
Apparent Factors: UNKNOWN UNKNOWN

Veh: 2 CAR/VAN/PICKUP Registered Weight: 3046 State of Registration: NY
Num of Occupants: 2 Drivers Age: 69 Sex: MALE Citation Issued: NO
Direction of Travel: EAST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: MAKING LEFT TURN
Apparent Factors: FAILURE TO YIELD RIGHT OF WAY UNKNOWN

JAN-26-2003 SUN 05:57 PM Persons Killed: 0 Persons Injured: 3 Extent of Injuries: CCC Case: 2003-30840942
Accident Class: PROPERTY DAMAGE AND INJURY Police Agency:RAMAPO TOWN PD Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: TRAFFIC SIGNAL
Manner of Collision: LEFT TURN (AGAINST OTHER CAR) Weather: SNOW
Road Surface Collision: WET Road Char: STRAIGHT AND LEVEL Light Condition: DARK-ROAD LIGHTED
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: 2384 State of Registration: NY
Num of Occupants: 1 Drivers Age: 39 Sex: MALE Citation Issued: NO
Direction of Travel: WEST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: GOING STRAIGHT AHEAD
Apparent Factors: NOT APPLICABLE UNKNOWN

Veh: 2 CAR/VAN/PICKUP Registered Weight: 3490 State of Registration: NY
Num of Occupants: 3 Drivers Age: 37 Sex: MALE Citation Issued: NO
Direction of Travel: NORTH-EAST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: MAKING LEFT TURN
Apparent Factors: FAILURE TO YIELD RIGHT OF WAY UNKNOWN

APR-01-2003 TUE 09:00 PM Persons Killed: 0 Persons Injured: 0 Extent of Injuries: Case: 2003-NR0437013

NYSDOT Safety Information Management System
Accident Verbal Description Report
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Complete Accident Data From NYSDMV Is Only Available thru 31-DEC-2007

Route: 202 Highway Location Ref Mrkr Range: 202 85011053 - 202 85011104 Dates: 01-JAN-2003 - 31-DEC-2007

*** Ref Mrkr: 202 8501 1089 NON-INTERSECTION ACCIDENTS *** (Continued)

Accident Class: NON-REPORTABLE Police Agency: Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: TRAFFIC SIGNAL
Manner of Collision: REAR END Weather: CLOUDY
Road Surface Collision: WET Road Char: Light Condition: DARK-ROAD LIGHTED
Loc. of Ped/Bicycle: Action of Ped/Bicycle:

Veh: 1 OTHER Registered Weight: UNKNOWN State of Registration: UNKNOWN
Num of Occupants: UNKNOWN Drivers Age: UNKNOWN Sex: UNKNOWN Citation Issued: NO
Direction of Travel: EAST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: SLOWED OR STOPPING
Apparent Factors: UNKNOWN UNKNOWN

Veh: 2 OTHER Registered Weight: UNKNOWN State of Registration: UNKNOWN
Num of Occupants: UNKNOWN Drivers Age: UNKNOWN Sex: UNKNOWN Citation Issued: NO
Direction of Travel: EAST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: GOING STRAIGHT AHEAD
Apparent Factors: FOLLOWING TOO CLOSELY UNKNOWN

APR-12-2003 SAT 10:24 AM Persons Killed: 0 Persons Injured: 1 Extent of Injuries: C Case: 2003-30895528
Accident Class: PROPERTY DAMAGE AND INJURY Police Agency:RAMAPO TOWN PD Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: NONE
Manner of Collision: REAR END Weather: CLOUDY
Road Surface Collision: WET Road Char: STRAIGHT AND LEVEL Light Condition: DAYLIGHT
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: 3299 State of Registration: NY
Num of Occupants: 1 Drivers Age: 33 Sex: FEMALE Citation Issued: NO
Direction of Travel: WEST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: STOPPED IN TRAFFIC
Apparent Factors: NOT APPLICABLE UNKNOWN

Veh: 2 CAR/VAN/PICKUP Registered Weight: 9900 State of Registration: NY
Num of Occupants: 1 Drivers Age: 42 Sex: MALE Citation Issued: NO
Direction of Travel: WEST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: GOING STRAIGHT AHEAD
Apparent Factors: FOLLOWING TOO CLOSELY PAVEMENT SLIPPERY

JUL-26-2003 SAT 06:57 PM Persons Killed: 0 Persons Injured: 0 Extent of Injuries: Case: 2003-NR0300259
Accident Class: NON-REPORTABLE Police Agency: Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: TRAFFIC SIGNAL
Manner of Collision: REAR END Weather: CLEAR
Road Surface Collision: DRY Road Char: Light Condition: DAYLIGHT
Loc. of Ped/Bicycle: Action of Ped/Bicycle:

NYSDOT Safety Information Management System
Accident Verbal Description Report
Intersection & Non-Intersection Accidents
Complete Accident Data From NYSDMV Is Only Available thru 31-DEC-2007

Route: 202 Highway Location Ref Mrkr Range: 202 85011053 - 202 85011104 Dates: 01-JAN-2003 - 31-DEC-2007

*** Ref Mrkr: 202 8501 1089 NON-INTERSECTION ACCIDENTS *** (Continued)

Veh: 1 OTHER
Registered Weight: UNKNOWN State of Registration: UNKNOWN
Num of Occupants: UNKNOWN Drivers Age: UNKNOWN Sex: UNKNOWN Citation Issued: NO
Direction of Travel: SOUTH Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: GOING STRAIGHT AHEAD
Apparent Factors: UNKNOWN UNKNOWN

Veh: 2 OTHER
Registered Weight: UNKNOWN State of Registration: UNKNOWN
Num of Occupants: UNKNOWN Drivers Age: UNKNOWN Sex: UNKNOWN Citation Issued: NO
Direction of Travel: SOUTH Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: STARTING FROM PARKING
Apparent Factors: DRIVER INATTENTION UNKNOWN

MAR-04-2004 THU 07:51 AM Persons Killed: 0 Persons Injured: 0 Extent of Injuries: Case: 2004-NR0447148
Accident Class: NON-REPORTABLE Police Agency: Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: TRAFFIC SIGNAL
Manner of Collision: REAR END Weather: RAIN
Road Surface Collision: WET Road Char: Light Condition: DAYLIGHT
Loc. of Ped/Bicycle: Action of Ped/Bicycle:

Veh: 1 OTHER
Registered Weight: UNKNOWN State of Registration: UNKNOWN
Num of Occupants: UNKNOWN Drivers Age: UNKNOWN Sex: UNKNOWN Citation Issued: NO
Direction of Travel: WEST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: SLOWED OR STOPPING
Apparent Factors: DRIVER INEXPERIENCE PAVEMENT SLIPPERY

Veh: 2 OTHER
Registered Weight: UNKNOWN State of Registration: UNKNOWN
Num of Occupants: UNKNOWN Drivers Age: UNKNOWN Sex: UNKNOWN Citation Issued: NO
Direction of Travel: WEST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: STOPPED IN TRAFFIC
Apparent Factors: UNKNOWN UNKNOWN

MAR-31-2004 WED 08:08 AM Persons Killed: 0 Persons Injured: 0 Extent of Injuries: Case: 2004-NR0444893
Accident Class: NON-REPORTABLE Police Agency: Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: TRAFFIC SIGNAL
Manner of Collision: OVERTAKING Weather: RAIN
Road Surface Collision: WET Road Char: Light Condition: DAYLIGHT
Loc. of Ped/Bicycle: Action of Ped/Bicycle:

Veh: 1 OTHER
Registered Weight: UNKNOWN State of Registration: UNKNOWN
Num of Occupants: UNKNOWN Drivers Age: UNKNOWN Sex: UNKNOWN Citation Issued: NO
Direction of Travel: EAST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: GOING STRAIGHT AHEAD

NYSDOT Safety Information Management System
Accident Verbal Description Report
Intersection & Non-Intersection Accidents
Complete Accident Data From NYSDMV Is Only Available thru 31-DEC-2007

Route: 202 Highway Location Ref Mrkr Range: 202 85011053 - 202 85011104 Dates: 01-JAN-2003 - 31-DEC-2007

*** Ref Mrkr: 202 8501 1089 NON-INTERSECTION ACCIDENTS *** (Continued)

Apparent Factors: DRIVER INATTENTION UNKNOWN

Veh: 2 OTHER Registered Weight: UNKNOWN State of Registration: UNKNOWN
Num of Occupants: UNKNOWN Drivers Age: UNKNOWN Sex: UNKNOWN Citation Issued: NO
Direction of Travel: EAST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: GOING STRAIGHT AHEAD
Apparent Factors: PASSING OR LANE USAGE IMPROPERLY UNKNOWN

MAY-23-2004 SUN 09:15 PM Persons Killed: 0 Persons Injured: 0 Extent of Injuries: Case: 2004-NR1073517
Accident Class: NON-REPORTABLE Police Agency: Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: TRAFFIC SIGNAL
Manner of Collision: OTHER Weather: FOG/SMOG/SMOKE
Road Surface Collision: WET Road Char: Light Condition: DARK-ROAD LIGHTED
Loc. of Ped/Bicycle: INVALID CODE Action of Ped/Bicycle:

Veh: 1 OTHER Registered Weight: UNKNOWN State of Registration: UNKNOWN
Num of Occupants: UNKNOWN Drivers Age: UNKNOWN Sex: UNKNOWN Citation Issued: NO
Direction of Travel: EAST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: GOING STRAIGHT AHEAD
Apparent Factors: VIEW OBSTRUCTED/LIMITED UNKNOWN

Veh: 2 OTHER Registered Weight: UNKNOWN State of Registration: UNKNOWN
Num of Occupants: UNKNOWN Drivers Age: UNKNOWN Sex: UNKNOWN Citation Issued: NO
Direction of Travel: WEST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: MAKING LEFT TURN
Apparent Factors: UNKNOWN UNKNOWN

JUL-21-2004 WED 10:32 AM Persons Killed: 0 Persons Injured: 1 Extent of Injuries: C Case: 2004-31243624
Accident Class: INJURY Police Agency:RAMAPO TOWN PD Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: TRAFFIC SIGNAL
Manner of Collision: REAR END Weather: CLEAR
Road Surface Collision: DRY Road Char: STRAIGHT AND LEVEL Light Condition: DAYLIGHT
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: 2780 State of Registration: NY
Num of Occupants: 3 Drivers Age: 62 Sex: FEMALE Citation Issued: NO
Direction of Travel: EAST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: STOPPED IN TRAFFIC
Apparent Factors: UNKNOWN UNKNOWN

Veh: 2 CAR/VAN/PICKUP Registered Weight: 3805 State of Registration: NY
Num of Occupants: 2 Drivers Age: 26 Sex: FEMALE Citation Issued: NO
Direction of Travel: EAST Public Property Damage: NO School Bus Involved: NO

NYSDOT Safety Information Management System
Accident Verbal Description Report
Intersection & Non-Intersection Accidents
Complete Accident Data From NYSDMV Is Only Available thru 31-DEC-2007

Route: 202 Highway Location Ref Mrkr Range: 202 85011053 - 202 85011104 Dates: 01-JAN-2003 - 31-DEC-2007

*** Ref Mrkr: 202 8501 1089 NON-INTERSECTION ACCIDENTS *** (Continued)

Pre-Accd Action: GOING STRAIGHT AHEAD
Apparent Factors: FOLLOWING TOO CLOSELY UNKNOWN

SEP-27-2004 MON 08:56 PM Persons Killed: 0 Persons Injured: 0 Extent of Injuries: Case: 2004-NR1054775
Accident Class: NON-REPORTABLE Police Agency: Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: NONE
Manner of Collision: REAR END Weather: CLEAR
Road Surface Collision: DRY Road Char: Light Condition: DARK-ROAD LIGHTED
Loc. of Ped/Bicycle: Action of Ped/Bicycle:

Veh: 1 OTHER Registered Weight: UNKNOWN State of Registration: UNKNOWN
Num of Occupants: UNKNOWN Drivers Age: UNKNOWN Sex: UNKNOWN Citation Issued: NO
Direction of Travel: WEST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: STOPPED IN TRAFFIC
Apparent Factors: DRIVER INATTENTION UNKNOWN

Veh: 2 OTHER Registered Weight: UNKNOWN State of Registration: UNKNOWN
Num of Occupants: UNKNOWN Drivers Age: UNKNOWN Sex: UNKNOWN Citation Issued: NO
Direction of Travel: WEST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: GOING STRAIGHT AHEAD
Apparent Factors: UNKNOWN UNKNOWN

OCT-06-2004 WED 12:39 PM Persons Killed: 0 Persons Injured: 0 Extent of Injuries: Case: 2004-NR1071121
Accident Class: NON-REPORTABLE Police Agency: Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: YIELD SIGN
Manner of Collision: OTHER Weather: CLEAR
Road Surface Collision: DRY Road Char: Light Condition: DAYLIGHT
Loc. of Ped/Bicycle: Action of Ped/Bicycle:

Veh: 1 OTHER Registered Weight: UNKNOWN State of Registration: UNKNOWN
Num of Occupants: UNKNOWN Drivers Age: UNKNOWN Sex: UNKNOWN Citation Issued: NO
Direction of Travel: SOUTH-WEST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: STOPPED IN TRAFFIC
Apparent Factors: UNKNOWN UNKNOWN

Veh: 2 OTHER Registered Weight: UNKNOWN State of Registration: UNKNOWN
Num of Occupants: UNKNOWN Drivers Age: UNKNOWN Sex: UNKNOWN Citation Issued: NO
Direction of Travel: SOUTH-WEST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: MERGING
Apparent Factors: DRIVER INATTENTION UNKNOWN

OCT-07-2004 THU 05:42 PM Persons Killed: 0 Persons Injured: 0 Extent of Injuries: Case: 2004-NR1070924
Accident Class: NON-REPORTABLE Police Agency: Num of Veh: 2

NYSDOT Safety Information Management System
Accident Verbal Description Report
Intersection & Non-Intersection Accidents
Complete Accident Data From NYSDMV Is Only Available thru 31-DEC-2007

Route: 202 Highway Location Ref Mrkr Range: 202 85011053 - 202 85011104 Dates: 01-JAN-2003 - 31-DEC-2007

*** Ref Mrkr: 202 8501 1089 NON-INTERSECTION ACCIDENTS *** (Continued)

Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: TRAFFIC SIGNAL
Manner of Collision: OTHER Weather: CLEAR
Road Surface Collision: UNKNOWN Road Char: Light Condition: DAYLIGHT
Loc. of Ped/Bicycle: Action of Ped/Bicycle:

Veh: 1 OTHER Registered Weight: UNKNOWN State of Registration: UNKNOWN
Num of Occupants: UNKNOWN Drivers Age: UNKNOWN Sex: UNKNOWN Citation Issued: NO
Direction of Travel: UNKNOWN Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: STARTING IN TRAFFIC
Apparent Factors: UNKNOWN UNKNOWN

Veh: 2 OTHER Registered Weight: UNKNOWN State of Registration: UNKNOWN
Num of Occupants: UNKNOWN Drivers Age: UNKNOWN Sex: UNKNOWN Citation Issued: NO
Direction of Travel: EAST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: GOING STRAIGHT AHEAD
Apparent Factors: UNKNOWN UNKNOWN

NOV-09-2004 TUE 08:51 AM Persons Killed: 0 Persons Injured: 0 Extent of Injuries: Case: 2004-NR1078997
Accident Class: NON-REPORTABLE Police Agency: Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: TRAFFIC SIGNAL
Manner of Collision: REAR END Weather: CLEAR
Road Surface Collision: DRY Road Char: Light Condition: DAYLIGHT
Loc. of Ped/Bicycle: INVALID CODE Action of Ped/Bicycle:

Veh: 1 OTHER Registered Weight: UNKNOWN State of Registration: UNKNOWN
Num of Occupants: UNKNOWN Drivers Age: UNKNOWN Sex: UNKNOWN Citation Issued: NO
Direction of Travel: WEST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: GOING STRAIGHT AHEAD
Apparent Factors: DRIVER INATTENTION UNKNOWN

Veh: 2 OTHER Registered Weight: UNKNOWN State of Registration: UNKNOWN
Num of Occupants: UNKNOWN Drivers Age: UNKNOWN Sex: UNKNOWN Citation Issued: NO
Direction of Travel: WEST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: GOING STRAIGHT AHEAD
Apparent Factors: UNKNOWN UNKNOWN

NOV-16-2004 TUE 07:32 AM Persons Killed: 0 Persons Injured: 0 Extent of Injuries: Case: 2004-NR1044129
Accident Class: NON-REPORTABLE Police Agency: Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: TRAFFIC SIGNAL
Manner of Collision: REAR END Weather: CLEAR
Road Surface Collision: DRY Road Char: Light Condition: DAYLIGHT
Loc. of Ped/Bicycle: Action of Ped/Bicycle:

NYSDOT Safety Information Management System
Accident Verbal Description Report
Intersection & Non-Intersection Accidents
Complete Accident Data From NYSDMV Is Only Available thru 31-DEC-2007

Route: 202 Highway Location Ref Mrkr Range: 202 85011053 - 202 85011104 Dates: 01-JAN-2003 - 31-DEC-2007

*** Ref Mrkr: 202 8501 1089 NON-INTERSECTION ACCIDENTS *** (Continued)

Veh: 1 OTHER — Registered Weight: UNKNOWN — State of Registration: UNKNOWN
Num of Occupants: UNKNOWN — Drivers Age: UNKNOWN — Sex: UNKNOWN — Citation Issued: NO
Direction of Travel: EAST — Public Property Damage: NO — School Bus Involved: NO
Pre-Accd Action: STOPPED IN TRAFFIC
Apparent Factors: UNKNOWN — UNKNOWN

Veh: 2 OTHER — Registered Weight: UNKNOWN — State of Registration: UNKNOWN
Num of Occupants: UNKNOWN — Drivers Age: UNKNOWN — Sex: UNKNOWN — Citation Issued: NO
Direction of Travel: EAST — Public Property Damage: NO — School Bus Involved: NO
Pre-Accd Action: SLOWED OR STOPPING
Apparent Factors: DRIVER INATTENTION — UNKNOWN

MAR-28-2005 MON 06:50 PM Persons Killed: 0 Persons Injured: 1 Extent of Injuries: B — Case: 2005-31427233
Accident Class: INJURY — Police Agency:RAMAPO TOWN PD — Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE — Traffic Control: TRAFFIC SIGNAL
Manner of Collision: REAR END — Weather: RAIN
Road Surface Collision: WET — Road Char: STRAIGHT AND LEVEL — Light Condition: DARK-ROAD LIGHTED
Loc. of Ped/Bicycle: NOT APPLICABLE — Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP — Registered Weight: 2388 — State of Registration: NY
Num of Occupants: 1 — Drivers Age: 34 — Sex: MALE — Citation Issued: NO
Direction of Travel: EAST — Public Property Damage: NO — School Bus Involved: NO
Pre-Accd Action: SLOWED OR STOPPING
Apparent Factors: PAVEMENT SLIPPERY — UNKNOWN

Veh: 2 CAR/VAN/PICKUP — Registered Weight: 3320 — State of Registration: NY
Num of Occupants: 2 — Drivers Age: 47 — Sex: FEMALE — Citation Issued: NO
Direction of Travel: EAST — Public Property Damage: NO — School Bus Involved: NO
Pre-Accd Action: STOPPED IN TRAFFIC
Apparent Factors: UNKNOWN — UNKNOWN

JUN-18-2005 SAT 04:16 PM Persons Killed: 0 Persons Injured: 2 Extent of Injuries: CC — Case: 2005-31514620
Accident Class: PROPERTY DAMAGE AND INJURY — Police Agency:RAMAPO TOWN PD — Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE — Traffic Control: TRAFFIC SIGNAL
Manner of Collision: RIGHT ANGLE — Weather: CLOUDY
Road Surface Collision: DRY — Road Char: STRAIGHT AND LEVEL — Light Condition: DAYLIGHT
Loc. of Ped/Bicycle: NOT APPLICABLE — Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP — Registered Weight: UNKNOWN — State of Registration: NJ
Num of Occupants: 1 — Drivers Age: 45 — Sex: MALE — Citation Issued: NO
Direction of Travel: NORTH-EAST — Public Property Damage: NO — School Bus Involved: NO
Pre-Accd Action: MAKING LEFT TURN
Apparent Factors: FAILURE TO YIELD RIGHT OF WAY — DRIVER INATTENTION

NYSDOT Safety Information Management System
Accident Verbal Description Report
Intersection & Non-Intersection Accidents
Complete Accident Data From NYSDMV Is Only Available thru 31-DEC-2007

Route: 202 Highway Location Ref Mrkr Range: 202 85011053 - 202 85011104 Dates: 01-JAN-2003 - 31-DEC-2007

*** Ref Mrkr: 202 8501 1089 NON-INTERSECTION ACCIDENTS *** (Continued)

Veh: 2 CAR/VAN/PICKUP Registered Weight: 2761 State of Registration: NY
Num of Occupants: 1 Drivers Age: 25 Sex: MALE Citation Issued: NO
Direction of Travel: WEST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: GOING STRAIGHT AHEAD
Apparent Factors: NOT APPLICABLE NOT APPLICABLE

SEP-14-2005 WED 08:00 AM Persons Killed: 0 Persons Injured: 1 Extent of Injuries: C Case: 2005-31608838
Accident Class: INJURY Police Agency:RAMAPO TOWN PD Num of Veh: 3
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: YIELD SIGN
Manner of Collision: OTHER Weather: CLEAR
Road Surface Collision: DRY Road Char: CURVE AND LEVEL Light Condition: DAYLIGHT
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: UNKNOWN State of Registration: NJ
Num of Occupants: 2 Drivers Age: 50 Sex: MALE Citation Issued: NO
Direction of Travel: NORTH-WEST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: GOING STRAIGHT AHEAD
Apparent Factors: FOLLOWING TOO CLOSELY UNKNOWN

Veh: 2 CAR/VAN/PICKUP Registered Weight: 2755 State of Registration: NY
Num of Occupants: 1 Drivers Age: 47 Sex: FEMALE Citation Issued: NO
Direction of Travel: NORTH-WEST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: SLOWED OR STOPPING
Apparent Factors: UNKNOWN UNKNOWN

Veh: 3 CAR/VAN/PICKUP Registered Weight: UNKNOWN State of Registration: NJ
Num of Occupants: 1 Drivers Age: 59 Sex: MALE Citation Issued: NO
Direction of Travel: NORTH-WEST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: SLOWED OR STOPPING
Apparent Factors: UNKNOWN UNKNOWN

SEP-15-2005 THU 08:33 PM Persons Killed: 0 Persons Injured: 0 Extent of Injuries: Case: 2005-31624500
Accident Class: PROPERTY DAMAGE Police Agency:NOT ENTERED Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: UNKNOWN
Manner of Collision: RIGHT TURN (AGAINST OTHER CAR) Weather: UNKNOWN
Road Surface Collision: UNKNOWN Road Char: UNKNOWN Light Condition: UNKNOWN
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: UNKNOWN State of Registration: NJ
Num of Occupants: 2 Drivers Age: 43 Sex: MALE Citation Issued: NO
Direction of Travel: UNKNOWN Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: UNKNOWN

NYSDOT Safety Information Management System
Accident Verbal Description Report
Intersection & Non-Intersection Accidents
Complete Accident Data From NYSDMV Is Only Available thru 31-DEC-2007

Route: 202 Highway Location Ref Mrkr Range: 202 85011053 - 202 85011104 Dates: 01-JAN-2003 - 31-DEC-2007

*** Ref Mrkr: 202 8501 1089 NON-INTERSECTION ACCIDENTS *** (Continued)

Apparent Factors: UNKNOWN — UNKNOWN

Veh: 2 CAR/VAN/PICKUP — Registered Weight: 3394 — State of Registration: NY
Num of Occupants: 1 — Drivers Age: 18 — Sex: MALE — Citation Issued: NO
Direction of Travel: UNKNOWN — Public Property Damage: NO — School Bus Involved: NO
Pre-Accd Action: UNKNOWN
Apparent Factors: UNKNOWN — UNKNOWN

OCT-29-2005 SAT 10:00 AM Persons Killed: 0 Persons Injured: 0 Extent of Injuries: Case: 2005-31659473
Accident Class: PROPERTY DAMAGE — Police Agency:NOT ENTERED — Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE — Traffic Control: TRAFFIC SIGNAL
Manner of Collision: LEFT TURN (WITH OTHER CAR) — Weather: CLOUDY
Road Surface Collision: DRY — Road Char: STRAIGHT AND LEVEL — Light Condition: UNKNOWN
Loc. of Ped/Bicycle: NOT APPLICABLE — Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP — Registered Weight: 3515 — State of Registration: NY
Num of Occupants: 1 — Drivers Age: 43 — Sex: FEMALE — Citation Issued: NO
Direction of Travel: NORTH — Public Property Damage: NO — School Bus Involved: NO
Pre-Accd Action: MAKING LEFT TURN
Apparent Factors: UNKNOWN — UNKNOWN

Veh: 2 CAR/VAN/PICKUP — Registered Weight: 2623 — State of Registration: NY
Num of Occupants: 1 — Drivers Age: 55 — Sex: MALE — Citation Issued: NO
Direction of Travel: WEST — Public Property Damage: NO — School Bus Involved: NO
Pre-Accd Action: GOING STRAIGHT AHEAD
Apparent Factors: UNKNOWN — UNKNOWN

JAN-06-2006 FRI 07:08 PM Persons Killed: 0 Persons Injured: 4 Extent of Injuries: ACCC Case: 2006-31715250
Accident Class: PROPERTY DAMAGE AND INJURY — Police Agency:RAMAPO TOWN PD — Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE — Traffic Control: TRAFFIC SIGNAL
Manner of Collision: LEFT TURN (AGAINST OTHER CAR) — Weather: CLOUDY
Road Surface Collision: DRY — Road Char: STRAIGHT AND LEVEL — Light Condition: DARK-ROAD LIGHTED
Loc. of Ped/Bicycle: NOT APPLICABLE — Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP — Registered Weight: 2956 — State of Registration: NY
Num of Occupants: 3 — Drivers Age: 18 — Sex: FEMALE — Citation Issued: NO
Direction of Travel: NORTH-EAST — Public Property Damage: NO — School Bus Involved: NO
Pre-Accd Action: MAKING LEFT TURN
Apparent Factors: UNKNOWN — UNKNOWN

Veh: 2 CAR/VAN/PICKUP — Registered Weight: 3391 — State of Registration: NY
Num of Occupants: 1 — Drivers Age: 57 — Sex: FEMALE — Citation Issued: NO
Direction of Travel: WEST — Public Property Damage: NO — School Bus Involved: NO

NYSDOT Safety Information Management System
Accident Verbal Description Report
Intersection & Non-Intersection Accidents
Complete Accident Data From NYSDMV Is Only Available thru 31-DEC-2007

Route: 202 Highway Location Ref Mrkr Range: 202 85011053 - 202 85011104 Dates: 01-JAN-2003 - 31-DEC-2007

*** Ref Mrkr: 202 8501 1089 NON-INTERSECTION ACCIDENTS *** (Continued)

Pre-Accd Action: GOING STRAIGHT AHEAD
Apparent Factors: UNKNOWN UNKNOWN

MAY-22-2006 MON 03:57 PM Persons Killed: 0 Persons Injured: 1 Extent of Injuries: A Case: 2006-31853961
Accident Class: INJURY Police Agency:RAMAPO TOWN PD Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: NONE
Manner of Collision: REAR END Weather: CLOUDY
Road Surface Collision: DRY Road Char: STRAIGHT/ GRADE Light Condition: DAYLIGHT
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: 2703 State of Registration: NY
Num of Occupants: 1 Drivers Age: 29 Sex: FEMALE Citation Issued: NO
Direction of Travel: EAST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: SLOWED OR STOPPING
Apparent Factors: FOLLOWING TOO CLOSELY UNKNOWN

Veh: 2 CAR/VAN/PICKUP Registered Weight: 2630 State of Registration: NY
Num of Occupants: 1 Drivers Age: 43 Sex: FEMALE Citation Issued: NO
Direction of Travel: EAST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: STOPPED IN TRAFFIC
Apparent Factors: NOT APPLICABLE UNKNOWN

JUL-12-2006 WED 02:39 PM Persons Killed: 0 Persons Injured: 0 Extent of Injuries: Case: 2006-31863653
Accident Class: PROPERTY DAMAGE Police Agency:RAMAPO TOWN PD Num of Veh: 3
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: NONE
Manner of Collision: OTHER Weather: RAIN
Road Surface Collision: WET Road Char: STRAIGHT AND LEVEL Light Condition: DAYLIGHT
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: UNKNOWN State of Registration: NJ
Num of Occupants: 1 Drivers Age: 57 Sex: FEMALE Citation Issued: YES
Direction of Travel: EAST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: SLOWED OR STOPPING
Apparent Factors: NOT APPLICABLE UNKNOWN

Veh: 2 CAR/VAN/PICKUP Registered Weight: UNKNOWN State of Registration: NJ
Num of Occupants: 1 Drivers Age: 26 Sex: MALE Citation Issued: NO
Direction of Travel: EAST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: GOING STRAIGHT AHEAD
Apparent Factors: FOLLOWING TOO CLOSELY PAVEMENT SLIPPERY

Veh: 3 CAR/VAN/PICKUP Registered Weight: 3228 State of Registration: NY
Num of Occupants: 1 Drivers Age: 30 Sex: FEMALE Citation Issued: NO

NYSDOT Safety Information Management System
Accident Verbal Description Report
Intersection & Non-Intersection Accidents
Complete Accident Data From NYSDMV Is Only Available thru 31-DEC-2007

Route: 202 Highway Location Ref Mrkr Range: 202 85011053 - 202 85011104 Dates: 01-JAN-2003 - 31-DEC-2007

*** Ref Mrkr: 202 8501 1089 NON-INTERSECTION ACCIDENTS *** (Continued)

Direction of Travel: EAST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: SLOWED OR STOPPING
Apparent Factors: UNKNOWN UNKNOWN

OCT-15-2006 SUN 01:18 PM Persons Killed: 0 Persons Injured: 0 Extent of Injuries: Case: 2006-31956705
Accident Class: PROPERTY DAMAGE Police Agency:RAMAPO TOWN PD Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: TRAFFIC SIGNAL
Manner of Collision: REAR END Weather: CLEAR
Road Surface Collision: DRY Road Char: STRAIGHT AND LEVEL Light Condition: DAYLIGHT
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: 3953 State of Registration: NY
Num of Occupants: 2 Drivers Age: 44 Sex: MALE Citation Issued: NO
Direction of Travel: EAST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: STOPPED IN TRAFFIC
Apparent Factors: NOT APPLICABLE UNKNOWN

Veh: 2 CAR/VAN/PICKUP Registered Weight: 4081 State of Registration: NY
Num of Occupants: 2 Drivers Age: 30 Sex: MALE Citation Issued: YES
Direction of Travel: EAST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: SLOWED OR STOPPING
Apparent Factors: DRIVER INATTENTION UNKNOWN

FEB-22-2007 THU 07:30 PM Persons Killed: 0 Persons Injured: 0 Extent of Injuries: Case: 2007-32092012
Accident Class: PROPERTY DAMAGE Police Agency:PALISADES SP Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: TRAFFIC SIGNAL
Manner of Collision: RIGHT ANGLE Weather: RAIN
Road Surface Collision: WET Road Char: STRAIGHT AND LEVEL Light Condition: DARK-ROAD LIGHTED
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: UNKNOWN State of Registration: NY
Num of Occupants: 1 Drivers Age: 68 Sex: MALE Citation Issued: NO
Direction of Travel: WEST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: GOING STRAIGHT AHEAD
Apparent Factors: NOT APPLICABLE NOT APPLICABLE

Veh: 2 CAR/VAN/PICKUP Registered Weight: UNKNOWN State of Registration: NY
Num of Occupants: 1 Drivers Age: 23 Sex: MALE Citation Issued: NO
Direction of Travel: NORTH Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: MAKING LEFT TURN
Apparent Factors: FAILURE TO YIELD RIGHT OF WAY NOT APPLICABLE

MAY-30-2007 WED 03:51 PM Persons Killed: 0 Persons Injured: 2 Extent of Injuries: CC Case: 2007-32222309

NYSDOT Safety Information Management System
Accident Verbal Description Report
Intersection & Non-Intersection Accidents
Complete Accident Data From NYSDMV Is Only Available thru 31-DEC-2007

Route: 202 Highway Location Ref Mrkr Range: 202 85011053 - 202 85011104 Dates: 01-JAN-2003 - 31-DEC-2007

*** Ref Mrkr: 202 8501 1089 NON-INTERSECTION ACCIDENTS *** (Continued)

Accident Class: PROPERTY DAMAGE AND INJURY Police Agency:RAMAPO TOWN PD Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: TRAFFIC SIGNAL
Manner of Collision: REAR END Weather: CLEAR
Road Surface Collision: DRY Road Char: STRAIGHT/ GRADE Light Condition: DAYLIGHT
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: 2410 State of Registration: NY
Num of Occupants: 1 Drivers Age: 20 Sex: MALE Citation Issued: NO
Direction of Travel: NORTH-EAST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: GOING STRAIGHT AHEAD
Apparent Factors: DRIVER INATTENTION UNKNOWN

Veh: 2 CAR/VAN/PICKUP Registered Weight: UNKNOWN State of Registration: IL
Num of Occupants: 3 Drivers Age: 107 Sex: MALE Citation Issued: NO
Direction of Travel: NORTH-EAST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: STOPPED IN TRAFFIC
Apparent Factors: NOT APPLICABLE UNKNOWN

JUN-12-2007 TUE 06:50 PM Persons Killed: 0 Persons Injured: 1 Extent of Injuries: C Case: 2007-32232306
Accident Class: PROPERTY DAMAGE AND INJURY Police Agency:RAMAPO TOWN PD Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: NONE
Manner of Collision: REAR END Weather: RAIN
Road Surface Collision: WET Road Char: STRAIGHT AND LEVEL Light Condition: DAYLIGHT
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: 4546 State of Registration: NY
Num of Occupants: 1 Drivers Age: 43 Sex: MALE Citation Issued: NO
Direction of Travel: WEST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: GOING STRAIGHT AHEAD
Apparent Factors: UNKNOWN UNKNOWN

Veh: 2 CAR/VAN/PICKUP Registered Weight: 3528 State of Registration: NY
Num of Occupants: 1 Drivers Age: 18 Sex: MALE Citation Issued: NO
Direction of Travel: WEST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: GOING STRAIGHT AHEAD
Apparent Factors: FOLLOWING TOO CLOSELY UNSAFE SPEED

JUL-26-2007 THU 05:12 PM Persons Killed: 0 Persons Injured: 0 Extent of Injuries: Case: 2007-32281431
Accident Class: PROPERTY DAMAGE Police Agency:RAMAPO TOWN PD Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: NONE
Manner of Collision: UNKNOWN Weather: CLOUDY
Road Surface Collision: DRY Road Char: STRAIGHT AND LEVEL Light Condition: DAYLIGHT
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

NYSDOT Safety Information Management System
Accident Verbal Description Report
Intersection & Non-Intersection Accidents
Complete Accident Data From NYSDMV Is Only Available thru 31-DEC-2007

Route: 202 Highway Location Ref Mrkr Range: 202 85011053 - 202 85011104 Dates: 01-JAN-2003 - 31-DEC-2007

*** Ref Mrkr: 202 8501 1089 NON-INTERSECTION ACCIDENTS *** (Continued)

Veh: 1 CAR/VAN/PICKUP Registered Weight: 2781 State of Registration: NY
Num of Occupants: 2 Drivers Age: 17 Sex: FEMALE Citation Issued: NO
Direction of Travel: EAST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: GOING STRAIGHT AHEAD
Apparent Factors: NOT APPLICABLE UNKNOWN

Veh: 2 TRUCK Registered Weight: UNKNOWN State of Registration: PA
Num of Occupants: 1 Drivers Age: 43 Sex: MALE Citation Issued: NO
Direction of Travel: NORTH Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: MAKING LEFT TURN
Apparent Factors: FAILURE TO YIELD RIGHT OF WAY UNKNOWN
Truck/Bus Clsf: NOT ENTERED

SEP-20-2007 THU 03:14 PM Persons Killed: 0 Persons Injured: 1 Extent of Injuries: C Case: 2007-32356141
Accident Class: PROPERTY DAMAGE AND INJURY Police Agency:RAMAPO TOWN PD Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: TRAFFIC SIGNAL
Manner of Collision: REAR END Weather: CLEAR
Road Surface Collision: DRY Road Char: STRAIGHT AND LEVEL Light Condition: DAYLIGHT
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: 3907 State of Registration: NY
Num of Occupants: 1 Drivers Age: 58 Sex: MALE Citation Issued: NO
Direction of Travel: EAST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: STOPPED IN TRAFFIC
Apparent Factors: NOT APPLICABLE UNKNOWN

Veh: 2 CAR/VAN/PICKUP Registered Weight: 2724 State of Registration: NY
Num of Occupants: 1 Drivers Age: 19 Sex: FEMALE Citation Issued: NO
Direction of Travel: NORTH-EAST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: SLOWED OR STOPPING
Apparent Factors: DRIVER INATTENTION UNKNOWN

OCT-05-2007 FRI 03:36 PM Persons Killed: 0 Persons Injured: 1 Extent of Injuries: C Case: 2007-32355011
Accident Class: INJURY Police Agency:RAMAPO TOWN PD Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: TRAFFIC SIGNAL
Manner of Collision: REAR END Weather: CLEAR
Road Surface Collision: DRY Road Char: STRAIGHT/ GRADE Light Condition: DAYLIGHT
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: 5238 State of Registration: NY
Num of Occupants: 2 Drivers Age: 40 Sex: FEMALE Citation Issued: NO
Direction of Travel: WEST Public Property Damage: NO School Bus Involved: NO

NYSDOT Safety Information Management System
Accident Verbal Description Report
Intersection & Non-Intersection Accidents
Complete Accident Data From NYSDMV Is Only Available thru 31-DEC-2007

Route: 202 Highway Location Ref Mrkr Range: 202 85011053 - 202 85011104 Dates: 01-JAN-2003 - 31-DEC-2007

*** Ref Mrkr: 202 8501 1089 NON-INTERSECTION ACCIDENTS *** (Continued)

Pre-Accd Action: STOPPED IN TRAFFIC
Apparent Factors: NOT APPLICABLE UNKNOWN

Veh: 2 CAR/VAN/PICKUP Registered Weight: 5356 State of Registration: NY
Num of Occupants: 2 Drivers Age: 35 Sex: MALE Citation Issued: NO
Direction of Travel: WEST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: GOING STRAIGHT AHEAD
Apparent Factors: DRIVER INATTENTION UNKNOWN

OCT-14-2007 SUN 03:33 PM Persons Killed: 0 Persons Injured: 0 Extent of Injuries: Case: 2007-32381729
Accident Class: PROPERTY DAMAGE Police Agency:RAMAPO TOWN PD Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: NONE
Manner of Collision: REAR END Weather: CLEAR
Road Surface Collision: DRY Road Char: STRAIGHT AND LEVEL Light Condition: DAYLIGHT
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: 3086 State of Registration: NY
Num of Occupants: 1 Drivers Age: 25 Sex: FEMALE Citation Issued: NO
Direction of Travel: WEST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: STOPPED IN TRAFFIC
Apparent Factors: NOT APPLICABLE UNKNOWN

Veh: 2 CAR/VAN/PICKUP Registered Weight: 3635 State of Registration: NY
Num of Occupants: 3 Drivers Age: 41 Sex: FEMALE Citation Issued: NO
Direction of Travel: WEST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: GOING STRAIGHT AHEAD
Apparent Factors: DRIVER INATTENTION UNKNOWN

OCT-25-2007 THU 04:16 PM Persons Killed: 0 Persons Injured: 2 Extent of Injuries: AC Case: 2007-32381720
Accident Class: INJURY Police Agency:RAMAPO TOWN PD Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: NONE
Manner of Collision: UNKNOWN Weather: CLEAR
Road Surface Collision: DRY Road Char: STRAIGHT AND LEVEL Light Condition: DAYLIGHT
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 TRUCK Registered Weight: 33000 State of Registration: NY
Num of Occupants: 1 Drivers Age: 53 Sex: MALE Citation Issued: NO
Direction of Travel: WEST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: GOING STRAIGHT AHEAD
Apparent Factors: NOT APPLICABLE UNKNOWN
Truck/Bus Clsf: NOT ENTERED

Veh: 2 CAR/VAN/PICKUP Registered Weight: 2943 State of Registration: NY

NYSDOT Safety Information Management System
Accident Verbal Description Report
Intersection & Non-Intersection Accidents
Complete Accident Data From NYSDMV Is Only Available thru 31-DEC-2007

Route: 202 Highway Location Ref Mrkr Range: 202 85011053 - 202 85011104 Dates: 01-JAN-2003 - 31-DEC-2007

*** Ref Mrkr: 202 8501 1089 NON-INTERSECTION ACCIDENTS *** (Continued)

Num of Occupants: 1 Drivers Age: 59 Sex: MALE Citation Issued: NO
Direction of Travel: EAST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: GOING STRAIGHT AHEAD
Apparent Factors: DRIVER INATTENTION TRAFFIC CONTROL DEVICES DISREGARDED

NOV-08-2007 THU 05:29 PM Persons Killed: 0 Persons Injured: 2 Extent of Injuries: CC Case: 2007-32401325
Accident Class: PROPERTY DAMAGE AND INJURY Police Agency:RAMAPO TOWN PD Num of Veh: 3
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: TRAFFIC SIGNAL
Manner of Collision: OTHER Weather: CLEAR
Road Surface Collision: DRY Road Char: STRAIGHT AND LEVEL Light Condition: DARK-ROAD LIGHTED
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: 3093 State of Registration: NY
Num of Occupants: 1 Drivers Age: 27 Sex: FEMALE Citation Issued: NO
Direction of Travel: NORTH-EAST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: STOPPED IN TRAFFIC
Apparent Factors: UNKNOWN UNKNOWN

Veh: 2 CAR/VAN/PICKUP Registered Weight: 2612 State of Registration: NY
Num of Occupants: 1 Drivers Age: 26 Sex: MALE Citation Issued: YES
Direction of Travel: NORTH-EAST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: GOING STRAIGHT AHEAD
Apparent Factors: DRIVER INATTENTION UNKNOWN

Veh: 3 CAR/VAN/PICKUP Registered Weight: 3470 State of Registration: NY
Num of Occupants: 1 Drivers Age: 49 Sex: MALE Citation Issued: YES
Direction of Travel: NORTH-EAST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: GOING STRAIGHT AHEAD
Apparent Factors: ALCOHOL INVOLVEMENT DRIVER INATTENTION

DEC-20-2007 THU 10:54 AM Persons Killed: 0 Persons Injured: 0 Extent of Injuries: Case: 2007-32436499
Accident Class: PROPERTY DAMAGE Police Agency:RAMAPO TOWN PD Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: TRAFFIC SIGNAL
Manner of Collision: LEFT TURN (WITH OTHER CAR) Weather: CLEAR
Road Surface Collision: WET Road Char: STRAIGHT/ GRADE Light Condition: DAYLIGHT
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: 6000 State of Registration: NY
Num of Occupants: 1 Drivers Age: 55 Sex: MALE Citation Issued: NO
Direction of Travel: WEST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: GOING STRAIGHT AHEAD
Apparent Factors: NOT APPLICABLE NOT APPLICABLE

NYSDOT Safety Information Management System
Accident Verbal Description Report
Intersection & Non-Intersection Accidents
Complete Accident Data From NYSDMV Is Only Available thru 31-DEC-2007

Route: 202 Highway Location Ref Mrkr Range: 202 85011053 - 202 85011104 Dates: 01-JAN-2003 - 31-DEC-2007

*** Ref Mrkr: 202 8501 1089 NON-INTERSECTION ACCIDENTS *** (Continued)

Veh: 2 CAR/VAN/PICKUP Registered Weight: 4250 State of Registration: NY
Num of Occupants: 1 Drivers Age: 31 Sex: FEMALE Citation Issued: NO
Direction of Travel: NORTH-EAST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: MAKING LEFT TURN
Apparent Factors: FAILURE TO YIELD RIGHT OF WAY NOT APPLICABLE

*** Ref Mrkr: 202 8501 1089 INTERSECTION ACCIDENTS - INVALID INTERSECTION NUMBER 55 ***

JUN-07-2006 WED 06:22 PM Persons Killed: 0 Persons Injured: 0 Extent of Injuries: Case: 2006-31854740
Accident Class: PROPERTY DAMAGE Police Agency:RAMAPO TOWN PD Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: TRAFFIC SIGNAL
Manner of Collision: LEFT TURN (AGAINST OTHER CAR) Weather: RAIN
Road Surface Collision: WET Road Char: STRAIGHT AND LEVEL Light Condition: DAYLIGHT
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: 3373 State of Registration: NY
Num of Occupants: 1 Drivers Age: 60 Sex: FEMALE Citation Issued: NO
Direction of Travel: EAST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: MAKING LEFT TURN
Apparent Factors: UNKNOWN UNKNOWN

Veh: 2 CAR/VAN/PICKUP Registered Weight: UNKNOWN State of Registration: NJ
Num of Occupants: 1 Drivers Age: 21 Sex: MALE Citation Issued: NO
Direction of Travel: WEST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: GOING STRAIGHT AHEAD
Apparent Factors: UNKNOWN UNKNOWN

SEP-06-2006 WED 04:55 PM Persons Killed: 0 Persons Injured: 0 Extent of Injuries: Case: 2006-31936821
Accident Class: PROPERTY DAMAGE Police Agency:RAMAPO TOWN PD Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: TRAFFIC SIGNAL
Manner of Collision: LEFT TURN (AGAINST OTHER CAR) Weather: CLEAR
Road Surface Collision: DRY Road Char: STRAIGHT/ GRADE Light Condition: DAYLIGHT
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: 3220 State of Registration: NY
Num of Occupants: 3 Drivers Age: 19 Sex: MALE Citation Issued: NO
Direction of Travel: NORTH-EAST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: MAKING LEFT TURN
Apparent Factors: TURNING IMPROPER UNSAFE SPEED

Veh: 2 CAR/VAN/PICKUP Registered Weight: 2289 State of Registration: NY
Num of Occupants: 1 Drivers Age: 54 Sex: MALE Citation Issued: NO
Direction of Travel: WEST Public Property Damage: NO School Bus Involved: NO

NYSDOT Safety Information Management System
Accident Verbal Description Report
Intersection & Non-Intersection Accidents
Complete Accident Data From NYSDMV Is Only Available thru 31-DEC-2007

Route: 202 Highway Location Ref Mrkr Range: 202 85011053 - 202 85011104 Dates: 01-JAN-2003 - 31-DEC-2007

*** Ref Mrkr: 202 8501 1089 INTERSECTION ACCIDENTS - INVALID INTERSECTION NUMBER 55 *** (Continued)

Pre-Accd Action: GOING STRAIGHT AHEAD
Apparent Factors: NOT APPLICABLE NOT APPLICABLE

*** Ref Mrkr: 202 8501 1089 INTERSECTION ACCIDENTS - INVALID INTERSECTION NUMBER 00 ***

DEC-06-2003 SAT 03:40 PM Persons Killed: 0 Persons Injured: 0 Extent of Injuries: Case: 2003-NR0477651
Accident Class: NON-REPORTABLE Police Agency: Num of Veh: 3
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: TRAFFIC SIGNAL
Manner of Collision: OTHER Weather: SNOW
Road Surface Collision: SNOW/ICE Road Char: Light Condition: DAYLIGHT
Loc. of Ped/Bicycle: Action of Ped/Bicycle:

Veh: 1 OTHER Registered Weight: UNKNOWN State of Registration: UNKNOWN
Num of Occupants: UNKNOWN Drivers Age: UNKNOWN Sex: UNKNOWN Citation Issued: NO
Direction of Travel: WEST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: GOING STRAIGHT AHEAD
Apparent Factors: OBSTRUCTION/DEBRIS UNKNOWN

Veh: 2 OTHER Registered Weight: UNKNOWN State of Registration: UNKNOWN
Num of Occupants: UNKNOWN Drivers Age: UNKNOWN Sex: UNKNOWN Citation Issued: NO
Direction of Travel: WEST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: STOPPED IN TRAFFIC
Apparent Factors: UNKNOWN UNKNOWN

Veh: 3 OTHER Registered Weight: UNKNOWN State of Registration: UNKNOWN
Num of Occupants: UNKNOWN Drivers Age: UNKNOWN Sex: UNKNOWN Citation Issued: NO
Direction of Travel: UNKNOWN Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: UNKNOWN
Apparent Factors: UNKNOWN UNKNOWN

APR-28-2004 WED 11:10 AM Persons Killed: 0 Persons Injured: 0 Extent of Injuries: Case: 2004-31194354
Accident Class: PROPERTY DAMAGE Police Agency:NOT ENTERED Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: TRAFFIC SIGNAL
Manner of Collision: LEFT TURN (AGAINST OTHER CAR) Weather: CLEAR
Road Surface Collision: DRY Road Char: STRAIGHT AND LEVEL Light Condition: UNKNOWN
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: 2985 State of Registration: NY
Num of Occupants: 1 Drivers Age: 40 Sex: FEMALE Citation Issued: NO
Direction of Travel: EAST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: GOING STRAIGHT AHEAD
Apparent Factors: UNKNOWN UNKNOWN

NYSDOT Safety Information Management System
Accident Verbal Description Report
Intersection & Non-Intersection Accidents
Complete Accident Data From NYSDMV Is Only Available thru 31-DEC-2007

Route: 202 Highway Location Ref Mrkr Range: 202 85011053 - 202 85011104 Dates: 01-JAN-2003 - 31-DEC-2007

*** Ref Mrkr: 202 8501 1089 INTERSECTION ACCIDENTS - INVALID INTERSECTION NUMBER 00 *** (Continued)

Veh: 2 CAR/VAN/PICKUP Registered Weight: 3008 State of Registration: NY
Num of Occupants: 1 Drivers Age: 33 Sex: MALE Citation Issued: NO
Direction of Travel: WEST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: MAKING LEFT TURN
Apparent Factors: UNKNOWN UNKNOWN

NOV-25-2006 SAT 11:28 AM Persons Killed: 0 Persons Injured: 1 Extent of Injuries: C Case: 2006-32020557
Accident Class: PROPERTY DAMAGE AND INJURY Police Agency:RAMAPO TOWN PD Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: TRAFFIC SIGNAL
Manner of Collision: LEFT TURN (AGAINST OTHER CAR) Weather: CLEAR
Road Surface Collision: DRY Road Char: STRAIGHT AND LEVEL Light Condition: DAYLIGHT
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: 3075 State of Registration: NY
Num of Occupants: 1 Drivers Age: 71 Sex: FEMALE Citation Issued: NO
Direction of Travel: NORTH-EAST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: MAKING LEFT TURN
Apparent Factors: UNKNOWN NOT APPLICABLE

Veh: 2 CAR/VAN/PICKUP Registered Weight: 3829 State of Registration: NY
Num of Occupants: 1 Drivers Age: 60 Sex: FEMALE Citation Issued: NO
Direction of Travel: SOUTH-WEST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: GOING STRAIGHT AHEAD
Apparent Factors: UNKNOWN NOT APPLICABLE

JAN-16-2007 TUE 06:55 AM Persons Killed: 0 Persons Injured: 0 Extent of Injuries: Case: 2007-32077893
Accident Class: PROPERTY DAMAGE Police Agency:RAMAPO TOWN PD Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: TRAFFIC SIGNAL
Manner of Collision: UNKNOWN Weather: CLOUDY
Road Surface Collision: DRY Road Char: STRAIGHT AND LEVEL Light Condition: DAWN
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: 3209 State of Registration: NY
Num of Occupants: 1 Drivers Age: 31 Sex: FEMALE Citation Issued: NO
Direction of Travel: SOUTH-WEST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: GOING STRAIGHT AHEAD
Apparent Factors: UNKNOWN UNKNOWN

Veh: 2 CAR/VAN/PICKUP Registered Weight: 3819 State of Registration: NY
Num of Occupants: 1 Drivers Age: 60 Sex: FEMALE Citation Issued: YES
Direction of Travel: NORTH-EAST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: MAKING LEFT TURN
Apparent Factors: FAILURE TO YIELD RIGHT OF WAY UNKNOWN

NYSDOT Safety Information Management System
Accident Verbal Description Report
Intersection & Non-Intersection Accidents
Complete Accident Data From NYSDMV Is Only Available thru 31-DEC-2007

Route: 202 Highway Location Ref Mrkr Range: 202 85011053 - 202 85011104 Dates: 01-JAN-2003 - 31-DEC-2007

*** Ref Mrkr: 202 8501 1090 NON-INTERSECTION ACCIDENTS ***

MAR-05-2003 WED 06:09 PM Persons Killed: 0 Persons Injured: 1 Extent of Injuries: C Case: 2003-30880006
Accident Class: PROPERTY DAMAGE AND INJURY Police Agency:RAMAPO TOWN PD Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: TRAFFIC SIGNAL
Manner of Collision: LEFT TURN (AGAINST OTHER CAR) Weather: CLOUDY
Road Surface Collision: DRY Road Char: STRAIGHT AND LEVEL Light Condition: DARK-ROAD LIGHTED
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: 3754 State of Registration: NY
Num of Occupants: 2 Drivers Age: 43 Sex: FEMALE Citation Issued: NO
Direction of Travel: NORTH-EAST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: MAKING LEFT TURN
Apparent Factors: FAILURE TO YIELD RIGHT OF WAY NOT APPLICABLE

Veh: 2 CAR/VAN/PICKUP Registered Weight: 3195 State of Registration: NY
Num of Occupants: 1 Drivers Age: 48 Sex: MALE Citation Issued: NO
Direction of Travel: WEST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: GOING STRAIGHT AHEAD
Apparent Factors: NOT APPLICABLE NOT APPLICABLE

APR-14-2003 MON 11:30 PM Persons Killed: 0 Persons Injured: 0 Extent of Injuries: Case: 2003-NR0058342
Accident Class: NON-REPORTABLE Police Agency: Num of Veh: 1
Type of Accident: COLLISION WITH ANIMAL Traffic Control: NONE
Manner of Collision: OTHER Weather: CLEAR
Road Surface Collision: DRY Road Char: Light Condition: DARK-ROAD UNLIGHTED
Loc. of Ped/Bicycle: Action of Ped/Bicycle:

Veh: 1 OTHER Registered Weight: UNKNOWN State of Registration: UNKNOWN
Num of Occupants: UNKNOWN Drivers Age: UNKNOWN Sex: UNKNOWN Citation Issued: NO
Direction of Travel: EAST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: GOING STRAIGHT AHEAD
Apparent Factors: ANIMAL'S ACTION UNKNOWN

JUL-03-2003 THU 07:14 AM Persons Killed: 0 Persons Injured: 0 Extent of Injuries: Case: 2003-30610807
Accident Class: PROPERTY DAMAGE Police Agency:RAMAPO TOWN PD Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: UNKNOWN
Manner of Collision: REAR END Weather: CLEAR
Road Surface Collision: DRY Road Char: STRAIGHT AND LEVEL Light Condition: DAWN
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 OTHER Registered Weight: UNKNOWN State of Registration: UNKNOWN
Num of Occupants: UNKNOWN Drivers Age: UNKNOWN Sex: UNKNOWN Citation Issued: NO
Direction of Travel: NOT ENTERED Public Property Damage: NO School Bus Involved: NO

Route: 202 Highway Location Ref Mrkr Range: 202 85011053 - 202 85011104 Dates: 01-JAN-2003 - 31-DEC-2007

*** Ref Mrkr: 202 8501 1090 NON-INTERSECTION ACCIDENTS *** (Continued)

Pre-Accd Action: NOT ENTERED
Apparent Factors: DRIVER INATTENTION UNKNOWN

Veh: 2 OTHER Registered Weight: UNKNOWN State of Registration: UNKNOWN
Num of Occupants: UNKNOWN Drivers Age: UNKNOWN Sex: UNKNOWN Citation Issued: NO
Direction of Travel: NOT ENTERED Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: NOT ENTERED
Apparent Factors: NOT APPLICABLE UNKNOWN

SEP-29-2003 MON 02:22 PM Case: 2003-31027647
Accident Class: NON-REPORTABLE Police Agency:RAMAPO TOWN PD Num of Veh: 0

NOV-14-2003 FRI 04:02 PM Persons Killed: 0 Persons Injured: 1 Extent of Injuries: C Case: 2003-31060433
Accident Class: INJURY Police Agency:RAMAPO TOWN PD Num of Veh: 3
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: TRAFFIC SIGNAL
Manner of Collision: OTHER Weather: CLEAR
Road Surface Collision: DRY Road Char: STRAIGHT AND LEVEL Light Condition: DAYLIGHT
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: 2434 State of Registration: NY
Num of Occupants: 3 Drivers Age: 21 Sex: FEMALE Citation Issued: NO
Direction of Travel: EAST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: STOPPED IN TRAFFIC
Apparent Factors: UNKNOWN UNKNOWN

Veh: 2 CAR/VAN/PICKUP Registered Weight: 2587 State of Registration: NY
Num of Occupants: 1 Drivers Age: 18 Sex: FEMALE Citation Issued: NO
Direction of Travel: EAST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: STOPPED IN TRAFFIC
Apparent Factors: UNKNOWN UNKNOWN

Veh: 3 CAR/VAN/PICKUP Registered Weight: UNKNOWN State of Registration: PA
Num of Occupants: 1 Drivers Age: 19 Sex: FEMALE Citation Issued: NO
Direction of Travel: EAST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: GOING STRAIGHT AHEAD
Apparent Factors: DRIVER INATTENTION UNKNOWN

JUN-22-2004 TUE 07:48 AM Persons Killed: 0 Persons Injured: 0 Extent of Injuries: Case: 2004-31227043
Accident Class: PROPERTY DAMAGE Police Agency:NOT ENTERED Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: TRAFFIC SIGNAL
Manner of Collision: LEFT TURN (AGAINST OTHER CAR) Weather: CLEAR
Road Surface Collision: DRY Road Char: CURVE AND LEVEL Light Condition: DAYLIGHT
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

NYSDOT Safety Information Management System
Accident Verbal Description Report
Intersection & Non-Intersection Accidents
Complete Accident Data From NYSDMV Is Only Available thru 31-DEC-2007

Route: 202 Highway Location Ref Mrkr Range: 202 85011053 - 202 85011104 Dates: 01-JAN-2003 - 31-DEC-2007

*** Ref Mrkr: 202 8501 1090 NON-INTERSECTION ACCIDENTS *** (Continued)

Veh: 1 CAR/VAN/PICKUP Registered Weight: 3049 State of Registration: NY
Num of Occupants: 1 Drivers Age: 45 Sex: FEMALE Citation Issued: NO
Direction of Travel: NORTH-EAST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: MAKING LEFT TURN
Apparent Factors: UNKNOWN UNKNOWN

Veh: 2 CAR/VAN/PICKUP Registered Weight: 2623 State of Registration: NY
Num of Occupants: 1 Drivers Age: 55 Sex: FEMALE Citation Issued: NO
Direction of Travel: WEST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: GOING STRAIGHT AHEAD
Apparent Factors: UNKNOWN UNKNOWN

OCT-25-2004 MON 06:45 AM Persons Killed: 0 Persons Injured: 0 Extent of Injuries: Case: 2004-31309892
Accident Class: PROPERTY DAMAGE Police Agency:NOT ENTERED Num of Veh: 1
Type of Accident: COLLISION WITH DEER Traffic Control: NONE
Manner of Collision: OTHER Weather: CLEAR
Road Surface Collision: DRY Road Char: CURVE AND LEVEL Light Condition: DARK-ROAD UNLIGHTED
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: 3040 State of Registration: NY
Num of Occupants: 1 Drivers Age: 50 Sex: MALE Citation Issued: NO
Direction of Travel: SOUTH Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: GOING STRAIGHT AHEAD
Apparent Factors: UNKNOWN UNKNOWN

JUL-28-2005 THU 08:35 AM Persons Killed: 0 Persons Injured: 3 Extent of Injuries: CCC Case: 2005-31574162
Accident Class: INJURY Police Agency:HAVERSTRAW TOWN PD Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: TRAFFIC SIGNAL
Manner of Collision: REAR END Weather: CLEAR
Road Surface Collision: DRY Road Char: STRAIGHT AND LEVEL Light Condition: DAYLIGHT
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: UNKNOWN State of Registration: NJ
Num of Occupants: 3 Drivers Age: 18 Sex: MALE Citation Issued: NO
Direction of Travel: WEST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: STOPPED IN TRAFFIC
Apparent Factors: UNKNOWN UNKNOWN

Veh: 2 CAR/VAN/PICKUP Registered Weight: 4731 State of Registration: NY
Num of Occupants: 1 Drivers Age: 30 Sex: MALE Citation Issued: NO
Direction of Travel: WEST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: GOING STRAIGHT AHEAD

NYSDOT Safety Information Management System
Accident Verbal Description Report
Intersection & Non-Intersection Accidents
Complete Accident Data From NYSDMV Is Only Available thru 31-DEC-2007

Route: 202 Highway Location Ref Mrkr Range: 202 85011053 - 202 85011104 Dates: 01-JAN-2003 - 31-DEC-2007

*** Ref Mrkr: 202 8501 1090 NON-INTERSECTION ACCIDENTS *** (Continued)

Apparent Factors: DRIVER INATTENTION UNKNOWN

AUG-25-2005 THU 05:06 PM Persons Killed: 0 Persons Injured: 1 Extent of Injuries: C Case: 2005-31577810
Accident Class: INJURY Police Agency:RAMAPO TOWN PD Num of Veh: 4
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: TRAFFIC SIGNAL
Manner of Collision: OTHER Weather: CLEAR
Road Surface Collision: DRY Road Char: STRAIGHT AND LEVEL Light Condition: DAYLIGHT
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: 9900 State of Registration: NY
Num of Occupants: 1 Drivers Age: 21 Sex: MALE Citation Issued: NO
Direction of Travel: EAST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: GOING STRAIGHT AHEAD
Apparent Factors: DRIVER INATTENTION UNKNOWN

Veh: 2 CAR/VAN/PICKUP Registered Weight: 2596 State of Registration: NY
Num of Occupants: 1 Drivers Age: 25 Sex: FEMALE Citation Issued: NO
Direction of Travel: EAST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: STOPPED IN TRAFFIC
Apparent Factors: UNKNOWN UNKNOWN

Veh: 3 CAR/VAN/PICKUP Registered Weight: 2443 State of Registration: NY
Num of Occupants: 1 Drivers Age: 27 Sex: MALE Citation Issued: NO
Direction of Travel: EAST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: STOPPED IN TRAFFIC
Apparent Factors: UNKNOWN UNKNOWN

Veh: 4 CAR/VAN/PICKUP Registered Weight: 2364 State of Registration: NY
Num of Occupants: 1 Drivers Age: 53 Sex: MALE Citation Issued: NO
Direction of Travel: EAST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: STOPPED IN TRAFFIC
Apparent Factors: UNKNOWN UNKNOWN

JAN-16-2006 MON 01:55 AM Persons Killed: 0 Persons Injured: 1 Extent of Injuries: C Case: 2006-32082225
Accident Class: PROPERTY DAMAGE AND INJURY Police Agency:NOT ENTERED Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: UNKNOWN
Manner of Collision: LEFT TURN (WITH OTHER CAR) Weather: UNKNOWN
Road Surface Collision: UNKNOWN Road Char: UNKNOWN Light Condition: UNKNOWN
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: 3819 State of Registration: NY
Num of Occupants: 1 Drivers Age: 59 Sex: FEMALE Citation Issued: NO
Direction of Travel: UNKNOWN Public Property Damage: NO School Bus Involved: NO

NYSDOT Safety Information Management System
Accident Verbal Description Report
Intersection & Non-Intersection Accidents
Complete Accident Data From NYSDMV Is Only Available thru 31-DEC-2007

Route: 202 Highway Location Ref Mrkr Range: 202 85011053 - 202 85011104 Dates: 01-JAN-2003 - 31-DEC-2007

*** Ref Mrkr: 202 8501 1090 NON-INTERSECTION ACCIDENTS *** (Continued)

Pre-Accd Action: UNKNOWN
Apparent Factors: UNKNOWN — UNKNOWN

Veh: 2 CAR/VAN/PICKUP — Registered Weight: UNKNOWN — State of Registration: NY
Num of Occupants: 1 — Drivers Age: 30 — Sex: FEMALE — Citation Issued: NO
Direction of Travel: UNKNOWN — Public Property Damage: NO — School Bus Involved: NO
Pre-Accd Action: UNKNOWN
Apparent Factors: UNKNOWN — UNKNOWN

OCT-12-2006 THU 03:09 PM Persons Killed: 0 Persons Injured: 4 Extent of Injuries: CCCC — Case: 2006-31957271
Accident Class: PROPERTY DAMAGE AND INJURY — Police Agency:RAMAPO TOWN PD — Num of Veh: 4
Type of Accident: COLLISION WITH MOTOR VEHICLE — Traffic Control: NONE
Manner of Collision: OTHER — Weather: CLEAR
Road Surface Collision: DRY — Road Char: STRAIGHT AND LEVEL — Light Condition: DAYLIGHT
Loc. of Ped/Bicycle: NOT APPLICABLE — Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP — Registered Weight: 4333 — State of Registration: NY
Num of Occupants: 1 — Drivers Age: 48 — Sex: FEMALE — Citation Issued: NO
Direction of Travel: EAST — Public Property Damage: NO — School Bus Involved: NO
Pre-Accd Action: STOPPED IN TRAFFIC
Apparent Factors: NOT APPLICABLE — NOT APPLICABLE

Veh: 2 CAR/VAN/PICKUP — Registered Weight: 3049 — State of Registration: NY
Num of Occupants: 1 — Drivers Age: 23 — Sex: MALE — Citation Issued: NO
Direction of Travel: EAST — Public Property Damage: NO — School Bus Involved: NO
Pre-Accd Action: STOPPED IN TRAFFIC
Apparent Factors: NOT APPLICABLE — NOT APPLICABLE

Veh: 3 CAR/VAN/PICKUP — Registered Weight: 2950 — State of Registration: NY
Num of Occupants: 2 — Drivers Age: 18 — Sex: MALE — Citation Issued: NO
Direction of Travel: EAST — Public Property Damage: NO — School Bus Involved: NO
Pre-Accd Action: STOPPED IN TRAFFIC
Apparent Factors: NOT APPLICABLE — NOT APPLICABLE

Veh: 4 CAR/VAN/PICKUP — Registered Weight: 3916 — State of Registration: NY
Num of Occupants: 1 — Drivers Age: 28 — Sex: MALE — Citation Issued: NO
Direction of Travel: EAST — Public Property Damage: NO — School Bus Involved: NO
Pre-Accd Action: GOING STRAIGHT AHEAD
Apparent Factors: FOLLOWING TOO CLOSELY — NOT APPLICABLE

OCT-14-2006 SAT 10:29 AM Persons Killed: 0 Persons Injured: 0 Extent of Injuries: — Case: 2006-31957269
Accident Class: PROPERTY DAMAGE — Police Agency:RAMAPO TOWN PD — Num of Veh: 3
Type of Accident: COLLISION WITH MOTOR VEHICLE — Traffic Control: TRAFFIC SIGNAL

NYSDOT Safety Information Management System
Accident Verbal Description Report
Intersection & Non-Intersection Accidents
Complete Accident Data From NYSDMV Is Only Available thru 31-DEC-2007

Route: 202 Highway Location Ref Mrkr Range: 202 85011053 - 202 85011104 Dates: 01-JAN-2003 - 31-DEC-2007

*** Ref Mrkr: 202 8501 1090 NON-INTERSECTION ACCIDENTS *** (Continued)

Manner of Collision: OTHER — Weather: CLEAR
Road Surface Collision: DRY — Road Char: STRAIGHT AND LEVEL — Light Condition: DAYLIGHT
Loc. of Ped/Bicycle: NOT APPLICABLE — Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP — Registered Weight: 3231 — State of Registration: NY
Num of Occupants: 1 — Drivers Age: 45 — Sex: FEMALE — Citation Issued: NO
Direction of Travel: EAST — Public Property Damage: NO — School Bus Involved: NO
Pre-Accd Action: GOING STRAIGHT AHEAD
Apparent Factors: DRIVER INATTENTION — UNKNOWN

Veh: 2 CAR/VAN/PICKUP — Registered Weight: 3047 — State of Registration: NY
Num of Occupants: 1 — Drivers Age: 25 — Sex: FEMALE — Citation Issued: NO
Direction of Travel: EAST — Public Property Damage: NO — School Bus Involved: NO
Pre-Accd Action: STOPPED IN TRAFFIC
Apparent Factors: UNKNOWN — UNKNOWN

Veh: 3 CAR/VAN/PICKUP — Registered Weight: 3505 — State of Registration: NY
Num of Occupants: 3 — Drivers Age: 40 — Sex: FEMALE — Citation Issued: NO
Direction of Travel: EAST — Public Property Damage: NO — School Bus Involved: NO
Pre-Accd Action: STOPPED IN TRAFFIC
Apparent Factors: UNKNOWN — UNKNOWN

NOV-22-2006 WED 08:39 PM Persons Killed: 0 Persons Injured: 0 Extent of Injuries: Case: 2006-32035249
Accident Class: PROPERTY DAMAGE — Police Agency:RAMAPO TOWN PD — Num of Veh: 3
Type of Accident: COLLISION WITH MOTOR VEHICLE — Traffic Control: NONE
Manner of Collision: OTHER — Weather: RAIN
Road Surface Collision: WET — Road Char: STRAIGHT AND LEVEL — Light Condition: DARK-ROAD LIGHTED
Loc. of Ped/Bicycle: NOT APPLICABLE — Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP — Registered Weight: 7000 — State of Registration: NY
Num of Occupants: 1 — Drivers Age: 18 — Sex: MALE — Citation Issued: YES
Direction of Travel: EAST — Public Property Damage: NO — School Bus Involved: NO
Pre-Accd Action: GOING STRAIGHT AHEAD
Apparent Factors: DRIVER INATTENTION — DRIVER INEXPERIENCE

Veh: 2 CAR/VAN/PICKUP — Registered Weight: UNKNOWN — State of Registration: UNKNOWN
Num of Occupants: 2 — Drivers Age: 20 — Sex: MALE — Citation Issued: NO
Direction of Travel: EAST — Public Property Damage: NO — School Bus Involved: NO
Pre-Accd Action: STOPPED IN TRAFFIC
Apparent Factors: NOT APPLICABLE — UNKNOWN

Veh: 3 CAR/VAN/PICKUP — Registered Weight: 2996 — State of Registration: NY
Num of Occupants: 1 — Drivers Age: 36 — Sex: MALE — Citation Issued: NO

NYSDOT Safety Information Management System
Accident Verbal Description Report
Intersection & Non-Intersection Accidents
Complete Accident Data From NYSDMV Is Only Available thru 31-DEC-2007

Route: 202 Highway Location Ref Mrkr Range: 202 85011053 - 202 85011104 Dates: 01-JAN-2003 - 31-DEC-2007

*** Ref Mrkr: 202 8501 1090 NON-INTERSECTION ACCIDENTS *** (Continued)

Direction of Travel: EAST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: STOPPED IN TRAFFIC
Apparent Factors: UNKNOWN UNKNOWN

FEB-04-2007 SUN 05:30 PM Persons Killed: 0 Persons Injured: 0 Extent of Injuries: Case: 2007-32120146
Accident Class: PROPERTY DAMAGE Police Agency:NOT ENTERED Num of Veh: 1
Type of Accident: COLLISION WITH OTHER FIXED OBJECT Traffic Control: UNKNOWN
Manner of Collision: OTHER Weather: UNKNOWN
Road Surface Collision: UNKNOWN Road Char: UNKNOWN Light Condition: UNKNOWN
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: 3093 State of Registration: NY
Num of Occupants: 4 Drivers Age: 32 Sex: FEMALE Citation Issued: NO
Direction of Travel: UNKNOWN Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: GOING STRAIGHT AHEAD
Apparent Factors: UNKNOWN UNKNOWN

MAY-05-2007 SAT 09:55 PM Persons Killed: 0 Persons Injured: 0 Extent of Injuries: Case: 2007-32188585
Accident Class: PROPERTY DAMAGE Police Agency:HAVERSTRAW TOWN PD Num of Veh: 1
Type of Accident: COLLISION WITH DEER Traffic Control: NONE
Manner of Collision: OTHER Weather: CLEAR
Road Surface Collision: DRY Road Char: STRAIGHT AND LEVEL Light Condition: DARK-ROAD LIGHTED
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: 3600 State of Registration: NY
Num of Occupants: 2 Drivers Age: 26 Sex: MALE Citation Issued: NO
Direction of Travel: EAST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: GOING STRAIGHT AHEAD
Apparent Factors: ANIMAL'S ACTION UNKNOWN

SEP-18-2007 TUE 09:00 PM Persons Killed: 0 Persons Injured: 0 Extent of Injuries: Case: 2007-32331241
Accident Class: PROPERTY DAMAGE Police Agency:PALISADES SP Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: TRAFFIC SIGNAL
Manner of Collision: LEFT TURN (AGAINST OTHER CAR) Weather: CLEAR
Road Surface Collision: DRY Road Char: STRAIGHT AND LEVEL Light Condition: DARK-ROAD LIGHTED
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: 2982 State of Registration: NY
Num of Occupants: 2 Drivers Age: 42 Sex: MALE Citation Issued: NO
Direction of Travel: EAST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: MAKING LEFT TURN
Apparent Factors: FAILURE TO YIELD RIGHT OF WAY NOT APPLICABLE

NYSDOT Safety Information Management System
Accident Verbal Description Report
Intersection & Non-Intersection Accidents
Complete Accident Data From NYSDMV Is Only Available thru 31-DEC-2007

Route: 202 Highway Location Ref Mrkr Range: 202 85011053 - 202 85011104 Dates: 01-JAN-2003 - 31-DEC-2007

*** Ref Mrkr: 202 8501 1090 NON-INTERSECTION ACCIDENTS *** (Continued)

Veh: 2 CAR/VAN/PICKUP Registered Weight: 2875 State of Registration: NY
Num of Occupants: 2 Drivers Age: 38 Sex: MALE Citation Issued: NO
Direction of Travel: WEST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: GOING STRAIGHT AHEAD
Apparent Factors: NOT APPLICABLE NOT APPLICABLE

OCT-02-2007 TUE 06:20 PM Persons Killed: 0 Persons Injured: 1 Extent of Injuries: C Case: 2007-32355315
Accident Class: INJURY Police Agency:HAVERSTRAW TOWN PD Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: TRAFFIC SIGNAL
Manner of Collision: REAR END Weather: UNKNOWN
Road Surface Collision: DRY Road Char: STRAIGHT AND LEVEL Light Condition: DUSK
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: 24500 State of Registration: NY
Num of Occupants: 2 Drivers Age: 34 Sex: MALE Citation Issued: NO
Direction of Travel: EAST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: SLOWED OR STOPPING
Apparent Factors: UNKNOWN UNKNOWN

Veh: 2 CAR/VAN/PICKUP Registered Weight: 4434 State of Registration: NY
Num of Occupants: 1 Drivers Age: 51 Sex: MALE Citation Issued: NO
Direction of Travel: EAST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: STOPPED IN TRAFFIC
Apparent Factors: UNKNOWN UNKNOWN

DEC-02-2007 SUN 06:50 PM Persons Killed: 0 Persons Injured: 2 Extent of Injuries: CC Case: 2007-32425142
Accident Class: PROPERTY DAMAGE AND INJURY Police Agency:HAVERSTRAW TOWN PD Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: TRAFFIC SIGNAL
Manner of Collision: HEAD ON Weather: SLEET/HAIL/FREEZING RAIN
Road Surface Collision: SNOW/ICE Road Char: STRAIGHT AND LEVEL Light Condition: DARK-ROAD LIGHTED
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: 2892 State of Registration: NY
Num of Occupants: 1 Drivers Age: 17 Sex: FEMALE Citation Issued: NO
Direction of Travel: EAST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: GOING STRAIGHT AHEAD
Apparent Factors: PAVEMENT SLIPPERY UNKNOWN

Veh: 2 CAR/VAN/PICKUP Registered Weight: 2542 State of Registration: NY
Num of Occupants: 1 Drivers Age: 35 Sex: FEMALE Citation Issued: NO
Direction of Travel: WEST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: GOING STRAIGHT AHEAD
Apparent Factors: NOT APPLICABLE UNKNOWN

NYSDOT Safety Information Management System
Accident Verbal Description Report
Intersection & Non-Intersection Accidents
Complete Accident Data From NYSDMV Is Only Available thru 31-DEC-2007

Route: 202 Highway Location Ref Mrkr Range: 202 85011053 - 202 85011104 Dates: 01-JAN-2003 - 31-DEC-2007

DEC-03-2007 MON 11:20 AM Persons Killed: 0 Persons Injured: 0 Extent of Injuries: Case: 2007-32425143
Accident Class: PROPERTY DAMAGE Police Agency:HAVERSTRAW TOWN PD Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: TRAFFIC SIGNAL
Manner of Collision: REAR END Weather: CLOUDY
Road Surface Collision: WET Road Char: STRAIGHT AND LEVEL Light Condition: DAYLIGHT
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: 4058 State of Registration: NY
Num of Occupants: 2 Drivers Age: 42 Sex: FEMALE Citation Issued: NO
Direction of Travel: WEST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: STOPPED IN TRAFFIC
Apparent Factors: UNKNOWN UNKNOWN

Veh: 2 CAR/VAN/PICKUP Registered Weight: 4373 State of Registration: NY
Num of Occupants: 2 Drivers Age: 24 Sex: FEMALE Citation Issued: NO
Direction of Travel: WEST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: GOING STRAIGHT AHEAD
Apparent Factors: UNKNOWN UNKNOWN

*** Ref Mrkr: 202 8501 1090 INTERSECTION ACCIDENTS - RAMPS FROM/TO PIP SB-DINER ***

JAN-04-2003 SAT 12:41 PM Persons Killed: 0 Persons Injured: 1 Extent of Injuries: B Case: 2003-30827930
Accident Class: PROPERTY DAMAGE AND INJURY Police Agency:RAMAPO TOWN PD Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: TRAFFIC SIGNAL
Manner of Collision: LEFT TURN (AGAINST OTHER CAR) Weather: CLOUDY
Road Surface Collision: WET Road Char: STRAIGHT/ GRADE Light Condition: DAYLIGHT
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: 3884 State of Registration: NY
Num of Occupants: 1 Drivers Age: 42 Sex: FEMALE Citation Issued: NO
Direction of Travel: WEST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: GOING STRAIGHT AHEAD
Apparent Factors: NOT APPLICABLE UNKNOWN

Veh: 2 CAR/VAN/PICKUP Registered Weight: 3042 State of Registration: NY
Num of Occupants: 1 Drivers Age: 18 Sex: FEMALE Citation Issued: NO
Direction of Travel: NORTH-EAST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: MAKING LEFT TURN
Apparent Factors: FAILURE TO YIELD RIGHT OF WAY UNKNOWN

FEB-11-2003 TUE 03:00 PM Persons Killed: 0 Persons Injured: 0 Extent of Injuries: Case: 2003-30860530
Accident Class: PROPERTY DAMAGE Police Agency:NOT ENTERED Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: TRAFFIC SIGNAL
Manner of Collision: LEFT TURN (AGAINST OTHER CAR) Weather: CLEAR

NYSDOT Safety Information Management System
Accident Verbal Description Report
Intersection & Non-Intersection Accidents
Complete Accident Data From NYSDMV Is Only Available thru 31-DEC-2007

Route: 202 Highway Location Ref Mrkr Range: 202 85011053 - 202 85011104 Dates: 01-JAN-2003 - 31-DEC-2007

*** Ref Mrkr: 202 8501 1090 INTERSECTION ACCIDENTS - RAMPS FROM/TO PIP SB-DINER *** (Continued)

Road Surface Collision: DRY Road Char: STRAIGHT AND LEVEL Light Condition: UNKNOWN
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: UNKNOWN State of Registration: NY
Num of Occupants: 1 Drivers Age: 42 Sex: MALE Citation Issued: NO
Direction of Travel: WEST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: GOING STRAIGHT AHEAD
Apparent Factors: UNKNOWN UNKNOWN

Veh: 2 CAR/VAN/PICKUP Registered Weight: UNKNOWN State of Registration: NY
Num of Occupants: 1 Drivers Age: 17 Sex: MALE Citation Issued: NO
Direction of Travel: NORTH-EAST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: MAKING LEFT TURN
Apparent Factors: UNKNOWN UNKNOWN

JUN-14-2003 SAT 02:40 PM Persons Killed: 0 Persons Injured: 1 Extent of Injuries: C Case: 2003-30963085
Accident Class: INJURY Police Agency:RAMAPO TOWN PD Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: TRAFFIC SIGNAL
Manner of Collision: LEFT TURN (AGAINST OTHER CAR) Weather: RAIN
Road Surface Collision: WET Road Char: STRAIGHT AND LEVEL Light Condition: DAYLIGHT
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: 3049 State of Registration: NY
Num of Occupants: 1 Drivers Age: 34 Sex: FEMALE Citation Issued: NO
Direction of Travel: SOUTH Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: GOING STRAIGHT AHEAD
Apparent Factors: NOT APPLICABLE UNKNOWN

Veh: 2 CAR/VAN/PICKUP Registered Weight: 3460 State of Registration: NY
Num of Occupants: 2 Drivers Age: 20 Sex: FEMALE Citation Issued: NO
Direction of Travel: NORTH Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: MAKING LEFT TURN
Apparent Factors: FAILURE TO YIELD RIGHT OF WAY OTHER (VEHICLE)

OCT-10-2003 FRI 09:20 AM Persons Killed: 0 Persons Injured: 1 Extent of Injuries: C Case: 2003-31047697
Accident Class: INJURY Police Agency:HAVERSTRAW VILLAGE PD Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: TRAFFIC SIGNAL
Manner of Collision: UNKNOWN Weather: CLOUDY
Road Surface Collision: DRY Road Char: STRAIGHT AND LEVEL Light Condition: DAYLIGHT
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: 3041 State of Registration: NY
Num of Occupants: 2 Drivers Age: 52 Sex: FEMALE Citation Issued: NO

NYSDOT Safety Information Management System
Accident Verbal Description Report
Intersection & Non-Intersection Accidents
Complete Accident Data From NYSDMV Is Only Available thru 31-DEC-2007

Route: 202 Highway Location Ref Mrkr Range: 202 85011053 - 202 85011104 Dates: 01-JAN-2003 - 31-DEC-2007

*** Ref Mrkr: 202 8501 1090 INTERSECTION ACCIDENTS - RAMPS FROM/TO PIP SB-DINER *** (Continued)

Direction of Travel: WEST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: GOING STRAIGHT AHEAD
Apparent Factors: UNKNOWN UNKNOWN

Veh: 2 CAR/VAN/PICKUP Registered Weight: 5058 State of Registration: NY
Num of Occupants: 1 Drivers Age: 60 Sex: MALE Citation Issued: YES
Direction of Travel: NORTH-EAST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: MAKING LEFT TURN
Apparent Factors: UNKNOWN UNKNOWN

MAY-26-2004 WED 07:10 AM Persons Killed: 0 Persons Injured: 1 Extent of Injuries: C Case: 2004-31187526
Accident Class: INJURY Police Agency:RAMAPO TOWN PD Num of Veh: 2
Type of Accident: COLLISION WITH GUIDE RAIL Traffic Control: TRAFFIC SIGNAL
Manner of Collision: OTHER Weather: RAIN
Road Surface Collision: WET Road Char: STRAIGHT/ GRADE Light Condition: DAYLIGHT
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: 3347 State of Registration: NY
Num of Occupants: 1 Drivers Age: 29 Sex: FEMALE Citation Issued: NO
Direction of Travel: WEST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: GOING STRAIGHT AHEAD
Apparent Factors: UNKNOWN UNKNOWN

Veh: 2 CAR/VAN/PICKUP Registered Weight: 2663 State of Registration: NY
Num of Occupants: 1 Drivers Age: 24 Sex: FEMALE Citation Issued: NO
Direction of Travel: EAST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: MAKING LEFT TURN
Apparent Factors: FAILURE TO YIELD RIGHT OF WAY UNKNOWN

AUG-17-2004 TUE Persons Killed: 0 Persons Injured: 0 Extent of Injuries: Case: 2004-31264585
Accident Class: PROPERTY DAMAGE Police Agency:NOT ENTERED Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: TRAFFIC SIGNAL
Manner of Collision: LEFT TURN (WITH OTHER CAR) Weather: CLOUDY
Road Surface Collision: DRY Road Char: STRAIGHT AND LEVEL Light Condition: DAYLIGHT
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: 3067 State of Registration: NY
Num of Occupants: 2 Drivers Age: 50 Sex: MALE Citation Issued: NO
Direction of Travel: WEST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: GOING STRAIGHT AHEAD
Apparent Factors: UNKNOWN UNKNOWN

Veh: 2 CAR/VAN/PICKUP Registered Weight: 3022 State of Registration: NY

NYSDOT Safety Information Management System
Accident Verbal Description Report
Intersection & Non-Intersection Accidents
Complete Accident Data From NYSDMV Is Only Available thru 31-DEC-2007

Route: 202 Highway Location Ref Mrkr Range: 202 85011053 - 202 85011104 Dates: 01-JAN-2003 - 31-DEC-2007

*** Ref Mrkr: 202 8501 1090 INTERSECTION ACCIDENTS - RAMPS FROM/TO PIP SB-DINER *** (Continued)

Num of Occupants: 1 Drivers Age: UNKNOWN Sex: UNKNOWN Citation Issued: NO
Direction of Travel: EAST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: MAKING LEFT TURN ON RED
Apparent Factors: UNKNOWN UNKNOWN

JAN-24-2006 TUE 11:43 AM Persons Killed: 0 Persons Injured: 2 Extent of Injuries: CC Case: 2006-31735448
Accident Class: PROPERTY DAMAGE AND INJURY Police Agency:RAMAPO TOWN PD Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: TRAFFIC SIGNAL
Manner of Collision: UNKNOWN Weather: CLEAR
Road Surface Collision: DRY Road Char: STRAIGHT/ GRADE Light Condition: DAYLIGHT
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: 2926 State of Registration: NY
Num of Occupants: 1 Drivers Age: 35 Sex: MALE Citation Issued: NO
Direction of Travel: WEST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: GOING STRAIGHT AHEAD
Apparent Factors: UNKNOWN UNKNOWN

Veh: 2 CAR/VAN/PICKUP Registered Weight: 2497 State of Registration: NY
Num of Occupants: 1 Drivers Age: 64 Sex: FEMALE Citation Issued: NO
Direction of Travel: NORTH-EAST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: MAKING LEFT TURN
Apparent Factors: FAILURE TO YIELD RIGHT OF WAY UNKNOWN

NOV-30-2006 THU 08:57 AM Persons Killed: 0 Persons Injured: 0 Extent of Injuries: Case: 2006-32017615
Accident Class: PROPERTY DAMAGE Police Agency:RAMAPO TOWN PD Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: TRAFFIC SIGNAL
Manner of Collision: RIGHT ANGLE Weather: CLOUDY
Road Surface Collision: WET Road Char: STRAIGHT/ GRADE Light Condition: DAYLIGHT
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: 3310 State of Registration: NY
Num of Occupants: 1 Drivers Age: 54 Sex: FEMALE Citation Issued: NO
Direction of Travel: SOUTH-EAST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: MAKING LEFT TURN
Apparent Factors: NOT APPLICABLE NOT APPLICABLE

Veh: 2 CAR/VAN/PICKUP Registered Weight: 3044 State of Registration: NY
Num of Occupants: 1 Drivers Age: 62 Sex: MALE Citation Issued: YES
Direction of Travel: WEST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: SLOWED OR STOPPING
Apparent Factors: PAVEMENT SLIPPERY FAILURE TO YIELD RIGHT OF WAY

NYSDOT Safety Information Management System
Accident Verbal Description Report
Intersection & Non-Intersection Accidents
Complete Accident Data From NYSDMV Is Only Available thru 31-DEC-2007

Route: 202 Highway Location Ref Mrkr Range: 202 85011053 - 202 85011104 Dates: 01-JAN-2003 - 31-DEC-2007

*** Ref Mrkr: 202 8501 1090 INTERSECTION ACCIDENTS - RAMPS FROM/TO PIP SB-DINER *** (Continued)

JAN-27-2007 SAT 02:02 PM Persons Killed: 0 Persons Injured: 2 Extent of Injuries: CC Case: 2007-32059919
Accident Class: PROPERTY DAMAGE AND INJURY Police Agency:PALISADES SP Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: TRAFFIC SIGNAL
Manner of Collision: REAR END Weather: CLOUDY
Road Surface Collision: DRY Road Char: STRAIGHT AND LEVEL Light Condition: DAYLIGHT
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: UNKNOWN State of Registration: NJ
Num of Occupants: 2 Drivers Age: 71 Sex: MALE Citation Issued: NO
Direction of Travel: WEST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: STOPPED IN TRAFFIC
Apparent Factors: NOT APPLICABLE NOT APPLICABLE

Veh: 2 CAR/VAN/PICKUP Registered Weight: 6000 State of Registration: NY
Num of Occupants: 1 Drivers Age: 55 Sex: MALE Citation Issued: YES
Direction of Travel: WEST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: GOING STRAIGHT AHEAD
Apparent Factors: ALCOHOL INVOLVEMENT UNSAFE SPEED

*** Ref Mrkr: 202 8501 1090 INTERSECTION ACCIDENTS - INVALID INTERSECTION NUMBER 99 ***

MAY-03-2003 SAT 08:45 PM Persons Killed: 0 Persons Injured: 0 Extent of Injuries: Case: 2003-30934953
Accident Class: PROPERTY DAMAGE Police Agency:NOT ENTERED Num of Veh: 1
Type of Accident: COLLISION WITH DEER Traffic Control: NONE
Manner of Collision: OTHER Weather: OTHER
Road Surface Collision: DRY Road Char: CURVE AND GRADE Light Condition: UNKNOWN
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: 2640 State of Registration: NY
Num of Occupants: 1 Drivers Age: 53 Sex: MALE Citation Issued: NO
Direction of Travel: NORTH Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: GOING STRAIGHT AHEAD
Apparent Factors: UNKNOWN UNKNOWN

*** Ref Mrkr: 202 8501 1090 INTERSECTION ACCIDENTS - INVALID INTERSECTION NUMBER 00 ***

JUL-18-2007 WED 07:04 PM Persons Killed: 0 Persons Injured: 2 Extent of Injuries: CC Case: 2007-32276178
Accident Class: PROPERTY DAMAGE AND INJURY Police Agency:RAMAPO TOWN PD Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: TRAFFIC SIGNAL
Manner of Collision: LEFT TURN (AGAINST OTHER CAR) Weather: CLOUDY
Road Surface Collision: WET Road Char: STRAIGHT/ GRADE Light Condition: DAYLIGHT
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

NYSDOT Safety Information Management System
Accident Verbal Description Report
Intersection & Non-Intersection Accidents
Complete Accident Data From NYSDMV Is Only Available thru 31-DEC-2007

Route: 202 Highway Location Ref Mrkr Range: 202 85011053 - 202 85011104 Dates: 01-JAN-2003 - 31-DEC-2007

*** Ref Mrkr: 202 8501 1090 INTERSECTION ACCIDENTS - INVALID INTERSECTION NUMBER 00 *** (Continued)

Veh: 1 CAR/VAN/PICKUP Registered Weight: UNKNOWN State of Registration: NJ
Num of Occupants: 3 Drivers Age: 29 Sex: MALE Citation Issued: NO
Direction of Travel: NORTH Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: MAKING LEFT TURN
Apparent Factors: FAILURE TO YIELD RIGHT OF WAY UNKNOWN

Veh: 2 CAR/VAN/PICKUP Registered Weight: 3209 State of Registration: NY
Num of Occupants: 1 Drivers Age: 39 Sex: FEMALE Citation Issued: NO
Direction of Travel: SOUTH Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: GOING STRAIGHT AHEAD
Apparent Factors: UNKNOWN UNKNOWN

*** Ref Mrkr: 202 8501 1090 INTERSECTION ACCIDENTS - INVALID INTERSECTION NUMBER 45 ***

JUN-13-2003 FRI 03:15 PM Persons Killed: 0 Persons Injured: 1 Extent of Injuries: B Case: 2003-30943991
Accident Class: INJURY Police Agency:RAMAPO TOWN PD Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: TRAFFIC SIGNAL
Manner of Collision: REAR END Weather: RAIN
Road Surface Collision: WET Road Char: STRAIGHT AND LEVEL Light Condition: DAYLIGHT
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: 3400 State of Registration: NY
Num of Occupants: 2 Drivers Age: 19 Sex: MALE Citation Issued: NO
Direction of Travel: EAST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: GOING STRAIGHT AHEAD
Apparent Factors: PAVEMENT SLIPPERY UNKNOWN

Veh: 2 CAR/VAN/PICKUP Registered Weight: 4312 State of Registration: NY
Num of Occupants: 1 Drivers Age: 17 Sex: FEMALE Citation Issued: NO
Direction of Travel: EAST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: STOPPED IN TRAFFIC
Apparent Factors: NOT APPLICABLE UNKNOWN

*** Ref Mrkr: 202 8501 1091 NON-INTERSECTION ACCIDENTS ***

MAR-05-2003 WED 10:41 AM Persons Killed: 0 Persons Injured: 3 Extent of Injuries: CCC Case: 2003-30873757
Accident Class: PROPERTY DAMAGE AND INJURY Police Agency:RAMAPO TOWN PD Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: NONE
Manner of Collision: REAR END Weather: CLOUDY
Road Surface Collision: WET Road Char: STRAIGHT AND LEVEL Light Condition: DAYLIGHT
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: 3216 State of Registration: NY

NYSDOT Safety Information Management System
Accident Verbal Description Report
Intersection & Non-Intersection Accidents
Complete Accident Data From NYSDMV Is Only Available thru 31-DEC-2007

Route: 202 Highway Location Ref Mrkr Range: 202 85011053 - 202 85011104 Dates: 01-JAN-2003 - 31-DEC-2007

*** Ref Mrkr: 202 8501 1091 NON-INTERSECTION ACCIDENTS *** (Continued)

Num of Occupants: 2 Drivers Age: 18 Sex: MALE Citation Issued: NO
Direction of Travel: WEST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: SLOWED OR STOPPING
Apparent Factors: UNKNOWN UNKNOWN

Veh: 2 CAR/VAN/PICKUP Registered Weight: 3902 State of Registration: NY
Num of Occupants: 1 Drivers Age: 38 Sex: FEMALE Citation Issued: NO
Direction of Travel: WEST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: SLOWED OR STOPPING
Apparent Factors: PAVEMENT SLIPPERY UNKNOWN

OCT-17-2003 FRI 11:30 AM Persons Killed: 0 Persons Injured: 1 Extent of Injuries: C Case: 2003-31087657
Accident Class: PROPERTY DAMAGE AND INJURY Police Agency:NOT ENTERED Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: TRAFFIC SIGNAL
Manner of Collision: REAR END Weather: CLEAR
Road Surface Collision: DRY Road Char: STRAIGHT AND LEVEL Light Condition: DAYLIGHT
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: UNKNOWN State of Registration: NY
Num of Occupants: 2 Drivers Age: 46 Sex: FEMALE Citation Issued: NO
Direction of Travel: EAST Public Property Damage: NO School Bus Involved: YES
Pre-Accd Action: STOPPED IN TRAFFIC
Apparent Factors: UNKNOWN UNKNOWN

Veh: 2 CAR/VAN/PICKUP Registered Weight: UNKNOWN State of Registration: NJ
Num of Occupants: 1 Drivers Age: 46 Sex: MALE Citation Issued: NO
Direction of Travel: EAST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: GOING STRAIGHT AHEAD
Apparent Factors: UNKNOWN UNKNOWN

DEC-19-2003 FRI 11:45 AM Persons Killed: 0 Persons Injured: 2 Extent of Injuries: CC Case: 2003-31092349
Accident Class: INJURY Police Agency:HAVERSTRAW TOWN PD Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: TRAFFIC SIGNAL
Manner of Collision: REAR END Weather: CLEAR
Road Surface Collision: DRY Road Char: STRAIGHT AND LEVEL Light Condition: DAYLIGHT
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: UNKNOWN State of Registration: NY
Num of Occupants: 2 Drivers Age: 46 Sex: FEMALE Citation Issued: NO
Direction of Travel: EAST Public Property Damage: NO School Bus Involved: YES
Pre-Accd Action: STOPPED IN TRAFFIC
Apparent Factors: UNKNOWN UNKNOWN

NYSDOT Safety Information Management System
Accident Verbal Description Report
Intersection & Non-Intersection Accidents
Complete Accident Data From NYSDMV Is Only Available thru 31-DEC-2007

Route: 202 Highway Location Ref Mrkr Range: 202 85011053 - 202 85011104 Dates: 01-JAN-2003 - 31-DEC-2007

*** Ref Mrkr: 202 8501 1091 NON-INTERSECTION ACCIDENTS *** (Continued)

Veh: 2 CAR/VAN/PICKUP Registered Weight: UNKNOWN State of Registration: NJ
Num of Occupants: 1 Drivers Age: 46 Sex: FEMALE Citation Issued: NO
Direction of Travel: EAST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: STARTING IN TRAFFIC
Apparent Factors: UNKNOWN UNKNOWN

DEC-26-2003 FRI 05:21 PM Persons Killed: 0 Persons Injured: 1 Extent of Injuries: C Case: 2003-31087924
Accident Class: PROPERTY DAMAGE AND INJURY Police Agency:NOT ENTERED Num of Veh: 3
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: TRAFFIC SIGNAL
Manner of Collision: OTHER Weather: CLEAR
Road Surface Collision: DRY Road Char: STRAIGHT AND LEVEL Light Condition: UNKNOWN
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: 4121 State of Registration: NY
Num of Occupants: 1 Drivers Age: 33 Sex: FEMALE Citation Issued: NO
Direction of Travel: EAST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: OTHER
Apparent Factors: NOT APPLICABLE NOT APPLICABLE

Veh: 2 CAR/VAN/PICKUP Registered Weight: 5000 State of Registration: NY
Num of Occupants: 1 Drivers Age: 27 Sex: MALE Citation Issued: NO
Direction of Travel: EAST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: GOING STRAIGHT AHEAD
Apparent Factors: NOT APPLICABLE NOT APPLICABLE

Veh: 3 CAR/VAN/PICKUP Registered Weight: 4746 State of Registration: NY
Num of Occupants: 1 Drivers Age: 22 Sex: MALE Citation Issued: NO
Direction of Travel: EAST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: GOING STRAIGHT AHEAD
Apparent Factors: UNKNOWN UNKNOWN

DEC-31-2003 WED 03:26 PM Persons Killed: 0 Persons Injured: 2 Extent of Injuries: CC Case: 2003-30932032
Accident Class: INJURY Police Agency:RAMAPO TOWN PD Num of Veh: 3
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: NONE
Manner of Collision: OTHER Weather: CLEAR
Road Surface Collision: DRY Road Char: STRAIGHT AND LEVEL Light Condition: DAYLIGHT
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 TRUCK Registered Weight: UNKNOWN State of Registration: AZ
Num of Occupants: 2 Drivers Age: 31 Sex: MALE Citation Issued: NO
Direction of Travel: EAST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: GOING STRAIGHT AHEAD
Apparent Factors: DRIVER INATTENTION NOT APPLICABLE

NYSDOT Safety Information Management System
Accident Verbal Description Report
Intersection & Non-Intersection Accidents
Complete Accident Data From NYSDMV Is Only Available thru 31-DEC-2007

Route: 202 Highway Location Ref Mrkr Range: 202 85011053 - 202 85011104 Dates: 01-JAN-2003 - 31-DEC-2007

*** Ref Mrkr: 202 8501 1091 NON-INTERSECTION ACCIDENTS *** (Continued)

Truck/Bus Clsf: NOT ENTERED

Veh: 2 CAR/VAN/PICKUP Registered Weight: 3139 State of Registration: NY
Num of Occupants: 1 Drivers Age: 63 Sex: FEMALE Citation Issued: NO
Direction of Travel: EAST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: SLOWED OR STOPPING
Apparent Factors: NOT APPLICABLE NOT APPLICABLE

Veh: 3 CAR/VAN/PICKUP Registered Weight: 3373 State of Registration: NY
Num of Occupants: 2 Drivers Age: 47 Sex: FEMALE Citation Issued: NO
Direction of Travel: EAST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: GOING STRAIGHT AHEAD
Apparent Factors: UNKNOWN UNKNOWN

AUG-11-2004 WED 02:49 AM Persons Killed: 0 Persons Injured: 5 Extent of Injuries: AAAAA Case: 2004-31252931
Accident Class: INJURY Police Agency:HAVERSTRAW TOWN PD Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: TRAFFIC SIGNAL
Manner of Collision: REAR END Weather: RAIN
Road Surface Collision: WET Road Char: STRAIGHT AND LEVEL Light Condition: DAYLIGHT
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: UNKNOWN State of Registration: NY
Num of Occupants: 5 Drivers Age: 40 Sex: MALE Citation Issued: NO
Direction of Travel: EAST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: STOPPED IN TRAFFIC
Apparent Factors: NOT APPLICABLE UNKNOWN

Veh: 2 CAR/VAN/PICKUP Registered Weight: 2756 State of Registration: NY
Num of Occupants: 1 Drivers Age: 29 Sex: MALE Citation Issued: NO
Direction of Travel: EAST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: SLOWED OR STOPPING
Apparent Factors: PAVEMENT SLIPPERY UNKNOWN

DEC-01-2004 WED 10:45 AM Persons Killed: 0 Persons Injured: 1 Extent of Injuries: C Case: 2004-31315669
Accident Class: INJURY Police Agency:HAVERSTRAW TOWN PD Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: TRAFFIC SIGNAL
Manner of Collision: REAR END Weather: RAIN
Road Surface Collision: WET Road Char: STRAIGHT AND LEVEL Light Condition: DAYLIGHT
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: 3164 State of Registration: NY
Num of Occupants: 1 Drivers Age: 18 Sex: FEMALE Citation Issued: NO
Direction of Travel: EAST Public Property Damage: NO School Bus Involved: NO

NYSDOT Safety Information Management System
Accident Verbal Description Report
Intersection & Non-Intersection Accidents
Complete Accident Data From NYSDMV Is Only Available thru 31-DEC-2007

Route: 202 Highway Location Ref Mrkr Range: 202 85011053 - 202 85011104 Dates: 01-JAN-2003 - 31-DEC-2007

*** Ref Mrkr: 202 8501 1091 NON-INTERSECTION ACCIDENTS *** (Continued)

Pre-Accd Action: SLOWED OR STOPPING
Apparent Factors: PAVEMENT SLIPPERY UNKNOWN

Veh: 2 CAR/VAN/PICKUP Registered Weight: UNKNOWN State of Registration: NJ
Num of Occupants: 1 Drivers Age: 63 Sex: FEMALE Citation Issued: NO
Direction of Travel: EAST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: STOPPED IN TRAFFIC
Apparent Factors: UNKNOWN UNKNOWN

MAR-03-2005 THU 06:45 PM Persons Killed: 0 Persons Injured: 0 Extent of Injuries: Case: 2005-31430420
Accident Class: PROPERTY DAMAGE Police Agency:NOT ENTERED Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: UNKNOWN
Manner of Collision: UNKNOWN Weather: UNKNOWN
Road Surface Collision: UNKNOWN Road Char: UNKNOWN Light Condition: UNKNOWN
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: 3245 State of Registration: NY
Num of Occupants: 1 Drivers Age: 70 Sex: FEMALE Citation Issued: NO
Direction of Travel: UNKNOWN Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: UNKNOWN
Apparent Factors: UNKNOWN UNKNOWN

Veh: 2 CAR/VAN/PICKUP Registered Weight: 3890 State of Registration: NY
Num of Occupants: 1 Drivers Age: 20 Sex: MALE Citation Issued: NO
Direction of Travel: UNKNOWN Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: UNKNOWN
Apparent Factors: UNKNOWN UNKNOWN

JAN-31-2006 TUE Persons Killed: 0 Persons Injured: 1 Extent of Injuries: C Case: 2006-31737295
Accident Class: INJURY Police Agency:NOT ENTERED Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: TRAFFIC SIGNAL
Manner of Collision: REAR END Weather: RAIN
Road Surface Collision: WET Road Char: STRAIGHT AND LEVEL Light Condition: DARK-ROAD LIGHTED
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: 2445 State of Registration: NY
Num of Occupants: 1 Drivers Age: 65 Sex: FEMALE Citation Issued: NO
Direction of Travel: EAST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: GOING STRAIGHT AHEAD
Apparent Factors: UNKNOWN UNKNOWN

Veh: 2 CAR/VAN/PICKUP Registered Weight: 2587 State of Registration: NY
Num of Occupants: 1 Drivers Age: 25 Sex: FEMALE Citation Issued: NO

NYSDOT Safety Information Management System
Accident Verbal Description Report
Intersection & Non-Intersection Accidents
Complete Accident Data From NYSDMV Is Only Available thru 31-DEC-2007

Route: 202 Highway Location Ref Mrkr Range: 202 85011053 - 202 85011104 Dates: 01-JAN-2003 - 31-DEC-2007

*** Ref Mrkr: 202 8501 1091 NON-INTERSECTION ACCIDENTS *** (Continued)

Direction of Travel: EAST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: GOING STRAIGHT AHEAD
Apparent Factors: UNKNOWN UNKNOWN

SEP-17-2006 SUN 02:25 PM Persons Killed: 0 Persons Injured: 1 Extent of Injuries: C Case: 2006-31928363
Accident Class: PROPERTY DAMAGE AND INJURY Police Agency:HAVERSTRAW TOWN PD Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: TRAFFIC SIGNAL
Manner of Collision: REAR END Weather: CLEAR
Road Surface Collision: DRY Road Char: STRAIGHT AND LEVEL Light Condition: DAYLIGHT
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: 2945 State of Registration: NY
Num of Occupants: 1 Drivers Age: 59 Sex: MALE Citation Issued: NO
Direction of Travel: EAST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: STOPPED IN TRAFFIC
Apparent Factors: NOT APPLICABLE UNKNOWN

Veh: 2 CAR/VAN/PICKUP Registered Weight: 2377 State of Registration: NY
Num of Occupants: 2 Drivers Age: 37 Sex: FEMALE Citation Issued: NO
Direction of Travel: EAST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: GOING STRAIGHT AHEAD
Apparent Factors: DRIVER INATTENTION UNKNOWN

OCT-16-2006 MON 11:55 AM Persons Killed: 0 Persons Injured: 1 Extent of Injuries: C Case: 2006-31956348
Accident Class: INJURY Police Agency:HAVERSTRAW TOWN PD Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: NONE
Manner of Collision: REAR END Weather: CLEAR
Road Surface Collision: DRY Road Char: STRAIGHT AND LEVEL Light Condition: DAYLIGHT
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: 6000 State of Registration: NY
Num of Occupants: 1 Drivers Age: 48 Sex: MALE Citation Issued: NO
Direction of Travel: EAST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: SLOWED OR STOPPING
Apparent Factors: NOT APPLICABLE NOT APPLICABLE

Veh: 2 CAR/VAN/PICKUP Registered Weight: 4496 State of Registration: NY
Num of Occupants: 3 Drivers Age: 28 Sex: FEMALE Citation Issued: NO
Direction of Travel: EAST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: STARTING IN TRAFFIC
Apparent Factors: DRIVER INATTENTION NOT APPLICABLE

MAR-10-2007 SAT 04:05 PM Persons Killed: 0 Persons Injured: 1 Extent of Injuries: C Case: 2007-32130992

NYSDOT Safety Information Management System
Accident Verbal Description Report
Intersection & Non-Intersection Accidents
Complete Accident Data From NYSDMV Is Only Available thru 31-DEC-2007

Route: 202 Highway Location Ref Mrkr Range: 202 85011053 - 202 85011104 Dates: 01-JAN-2003 - 31-DEC-2007

*** Ref Mrkr: 202 8501 1091 NON-INTERSECTION ACCIDENTS *** (Continued)

Accident Class: INJURY Police Agency:HAVERSTRAW TOWN PD Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: TRAFFIC SIGNAL
Manner of Collision: REAR END Weather: CLEAR
Road Surface Collision: DRY Road Char: STRAIGHT AND LEVEL Light Condition: DAYLIGHT
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: 4051 State of Registration: NY
Num of Occupants: 1 Drivers Age: 39 Sex: FEMALE Citation Issued: NO
Direction of Travel: EAST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: STARTING IN TRAFFIC
Apparent Factors: DRIVER INATTENTION UNKNOWN

Veh: 2 CAR/VAN/PICKUP Registered Weight: 3845 State of Registration: NY
Num of Occupants: 1 Drivers Age: 50 Sex: MALE Citation Issued: NO
Direction of Travel: EAST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: STOPPED IN TRAFFIC
Apparent Factors: UNKNOWN UNKNOWN

MAR-15-2007 THU 05:05 AM Persons Killed: 0 Persons Injured: 2 Extent of Injuries: BC Case: 2007-32130723
Accident Class: PROPERTY DAMAGE AND INJURY Police Agency:HAVERSTRAW TOWN PD Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: TRAFFIC SIGNAL
Manner of Collision: REAR END Weather: RAIN
Road Surface Collision: WET Road Char: STRAIGHT AND LEVEL Light Condition: DARK-ROAD LIGHTED
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: 4379 State of Registration: NY
Num of Occupants: 1 Drivers Age: 36 Sex: MALE Citation Issued: NO
Direction of Travel: WEST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: STOPPED IN TRAFFIC
Apparent Factors: UNKNOWN UNKNOWN

Veh: 2 CAR/VAN/PICKUP Registered Weight: 2405 State of Registration: NY
Num of Occupants: 1 Drivers Age: 59 Sex: MALE Citation Issued: NO
Direction of Travel: WEST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: SLOWED OR STOPPING
Apparent Factors: FOLLOWING TOO CLOSELY UNKNOWN

SEP-21-2007 FRI 01:50 PM Persons Killed: 0 Persons Injured: 1 Extent of Injuries: C Case: 2007-32339717
Accident Class: INJURY Police Agency:HAVERSTRAW TOWN PD Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: TRAFFIC SIGNAL
Manner of Collision: REAR END Weather: CLEAR
Road Surface Collision: DRY Road Char: STRAIGHT/ GRADE Light Condition: DAYLIGHT
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

NYSDOT Safety Information Management System
Accident Verbal Description Report
Intersection & Non-Intersection Accidents
Complete Accident Data From NYSDMV Is Only Available thru 31-DEC-2007

Route: 202 Highway Location Ref Mrkr Range: 202 85011053 - 202 85011104 Dates: 01-JAN-2003 - 31-DEC-2007

*** Ref Mrkr: 202 8501 1091 NON-INTERSECTION ACCIDENTS *** (Continued)

Veh: 1 CAR/VAN/PICKUP Registered Weight: 3100 State of Registration: NY
Num of Occupants: 1 Drivers Age: 23 Sex: FEMALE Citation Issued: NO
Direction of Travel: EAST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: STOPPED IN TRAFFIC
Apparent Factors: UNKNOWN UNKNOWN

Veh: 2 CAR/VAN/PICKUP Registered Weight: 3088 State of Registration: NY
Num of Occupants: 1 Drivers Age: 83 Sex: FEMALE Citation Issued: NO
Direction of Travel: EAST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: SLOWED OR STOPPING
Apparent Factors: UNKNOWN UNKNOWN

OCT-01-2007 MON 03:45 PM Persons Killed: 0 Persons Injured: 4 Extent of Injuries: BCCC Case: 2007-32350397
Accident Class: PROPERTY DAMAGE AND INJURY Police Agency:HAVERSTRAW TOWN PD Num of Veh: 3
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: TRAFFIC SIGNAL
Manner of Collision: OTHER Weather: CLOUDY
Road Surface Collision: DRY Road Char: STRAIGHT/ GRADE Light Condition: DAYLIGHT
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 OTHER Registered Weight: UNKNOWN State of Registration: NY
Num of Occupants: 1 Drivers Age: 25 Sex: MALE Citation Issued: NO
Direction of Travel: SOUTH-EAST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: MAKING LEFT TURN ON RED
Apparent Factors: UNKNOWN UNKNOWN

Veh: 2 CAR/VAN/PICKUP Registered Weight: 7200 State of Registration: NY
Num of Occupants: 1 Drivers Age: 65 Sex: MALE Citation Issued: NO
Direction of Travel: WEST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: GOING STRAIGHT AHEAD
Apparent Factors: UNKNOWN UNKNOWN

Veh: 3 CAR/VAN/PICKUP Registered Weight: 2590 State of Registration: NY
Num of Occupants: 3 Drivers Age: 18 Sex: MALE Citation Issued: NO
Direction of Travel: WEST Public Property Damage: YES School Bus Involved: NO
Pre-Accd Action: GOING STRAIGHT AHEAD
Apparent Factors: NOT APPLICABLE UNKNOWN

OCT-18-2007 THU 01:00 PM Persons Killed: 0 Persons Injured: 0 Extent of Injuries: Case: 2007-32365758
Accident Class: PROPERTY DAMAGE Police Agency:HAVERSTRAW TOWN PD Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: TRAFFIC SIGNAL
Manner of Collision: REAR END Weather: CLEAR
Road Surface Collision: DRY Road Char: STRAIGHT AT HILLCREST Light Condition: DAYLIGHT

NYSDOT Safety Information Management System
Accident Verbal Description Report
Intersection & Non-Intersection Accidents
Complete Accident Data From NYSDMV Is Only Available thru 31-DEC-2007

Route: 202 Highway Location Ref Mrkr Range: 202 85011053 - 202 85011104 Dates: 01-JAN-2003 - 31-DEC-2007

*** Ref Mrkr: 202 8501 1091 NON-INTERSECTION ACCIDENTS *** (Continued)

Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: 4608 State of Registration: NY
Num of Occupants: 5 Drivers Age: 17 Sex: FEMALE Citation Issued: NO
Direction of Travel: EAST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: GOING STRAIGHT AHEAD
Apparent Factors: FOLLOWING TOO CLOSELY DRIVER INATTENTION

Veh: 2 CAR/VAN/PICKUP Registered Weight: 3627 State of Registration: NY
Num of Occupants: 1 Drivers Age: 28 Sex: MALE Citation Issued: NO
Direction of Travel: EAST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: STOPPED IN TRAFFIC
Apparent Factors: UNKNOWN UNKNOWN

DEC-24-2007 MON 09:20 PM Persons Killed: 0 Persons Injured: 0 Extent of Injuries: Case: 2007-32466923
Accident Class: PROPERTY DAMAGE Police Agency:HAVERSTRAW TOWN PD Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: TRAFFIC SIGNAL
Manner of Collision: LEFT TURN (AGAINST OTHER CAR) Weather: CLEAR
Road Surface Collision: DRY Road Char: STRAIGHT AND LEVEL Light Condition: DARK-ROAD LIGHTED
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: 2548 State of Registration: NY
Num of Occupants: 2 Drivers Age: 22 Sex: MALE Citation Issued: NO
Direction of Travel: WEST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: GOING STRAIGHT AHEAD
Apparent Factors: UNKNOWN UNKNOWN

Veh: 2 CAR/VAN/PICKUP Registered Weight: 2434 State of Registration: NY
Num of Occupants: 3 Drivers Age: 44 Sex: FEMALE Citation Issued: NO
Direction of Travel: NORTH-EAST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: MAKING LEFT TURN
Apparent Factors: UNKNOWN UNKNOWN

*** Ref Mrkr: 202 8501 1091 INTERSECTION ACCIDENTS - MT IVY RD CR 59/ PARKING STN. ***

FEB-04-2003 TUE 03:30 AM Persons Killed: 0 Persons Injured: 1 Extent of Injuries: C Case: 2003-30854637
Accident Class: INJURY Police Agency:HAVERSTRAW TOWN PD Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: TRAFFIC SIGNAL
Manner of Collision: REAR END Weather: CLEAR
Road Surface Collision: DRY Road Char: STRAIGHT AND LEVEL Light Condition: DAYLIGHT
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: 3271 State of Registration: NY

NYSDOT Safety Information Management System
Accident Verbal Description Report
Intersection & Non-Intersection Accidents
Complete Accident Data From NYSDMV Is Only Available thru 31-DEC-2007

Route: 202 Highway Location Ref Mrkr Range: 202 85011053 - 202 85011104 Dates: 01-JAN-2003 - 31-DEC-2007

*** Ref Mrkr: 202 8501 1091 INTERSECTION ACCIDENTS - MT IVY RD CR 59/ PARKING STN. *** (Continued)

Num of Occupants: 3 Drivers Age: 44 Sex: MALE Citation Issued: NO
Direction of Travel: SOUTH Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: STOPPED IN TRAFFIC
Apparent Factors: UNKNOWN UNKNOWN

Veh: 2 OTHER Registered Weight: UNKNOWN State of Registration: UNKNOWN
Num of Occupants: UNKNOWN Drivers Age: UNKNOWN Sex: UNKNOWN Citation Issued: NO
Direction of Travel: SOUTH Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: SLOWED OR STOPPING
Apparent Factors: DRIVER INATTENTION UNKNOWN

FEB-19-2003 WED 03:00 PM Persons Killed: 0 Persons Injured: 0 Extent of Injuries: Case: 2003-30868259
Accident Class: PROPERTY DAMAGE Police Agency:NOT ENTERED Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: NONE
Manner of Collision: RIGHT TURN (AGAINST OTHER CAR) Weather: CLOUDY
Road Surface Collision: SNOW/ICE Road Char: STRAIGHT AND LEVEL Light Condition: UNKNOWN
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: 2996 State of Registration: NY
Num of Occupants: 1 Drivers Age: 43 Sex: FEMALE Citation Issued: NO
Direction of Travel: SOUTH-EAST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: MAKING RIGHT TURN
Apparent Factors: UNKNOWN UNKNOWN

Veh: 2 CAR/VAN/PICKUP Registered Weight: UNKNOWN State of Registration: UNKNOWN
Num of Occupants: UNKNOWN Drivers Age: UNKNOWN Sex: UNKNOWN Citation Issued: NO
Direction of Travel: EAST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: GOING STRAIGHT AHEAD
Apparent Factors: UNKNOWN UNKNOWN

FEB-23-2003 SUN 08:00 PM Persons Killed: 0 Persons Injured: 0 Extent of Injuries: Case: 2003-30867649
Accident Class: PROPERTY DAMAGE Police Agency:NOT ENTERED Num of Veh: 3
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: TRAFFIC SIGNAL
Manner of Collision: OTHER Weather: CLEAR
Road Surface Collision: DRY Road Char: STRAIGHT AND LEVEL Light Condition: UNKNOWN
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: 3208 State of Registration: NY
Num of Occupants: 2 Drivers Age: 45 Sex: FEMALE Citation Issued: NO
Direction of Travel: WEST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: GOING STRAIGHT AHEAD
Apparent Factors: UNKNOWN UNKNOWN

NYSDOT Safety Information Management System
Accident Verbal Description Report
Intersection & Non-Intersection Accidents
Complete Accident Data From NYSDMV Is Only Available thru 31-DEC-2007

Route: 202 Highway Location Ref Mrkr Range: 202 85011053 - 202 85011104 Dates: 01-JAN-2003 - 31-DEC-2007

*** Ref Mrkr: 202 8501 1091 INTERSECTION ACCIDENTS - MT IVY RD CR 59/ PARKING STN. *** (Continued)

Veh: 2 CAR/VAN/PICKUP Registered Weight: 2864 State of Registration: NY
Num of Occupants: 2 Drivers Age: 30 Sex: MALE Citation Issued: NO
Direction of Travel: NORTH Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: SLOWED OR STOPPING
Apparent Factors: UNKNOWN UNKNOWN

Veh: 3 CAR/VAN/PICKUP Registered Weight: 3278 State of Registration: NY
Num of Occupants: 1 Drivers Age: 35 Sex: FEMALE Citation Issued: NO
Direction of Travel: UNKNOWN Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: GOING STRAIGHT AHEAD
Apparent Factors: UNKNOWN UNKNOWN

MAR-04-2003 TUE 09:06 AM Persons Killed: 0 Persons Injured: 1 Extent of Injuries: C Case: 2003-30878933
Accident Class: INJURY Police Agency:HAVERSTRAW TOWN PD Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: TRAFFIC SIGNAL
Manner of Collision: REAR END Weather: CLEAR
Road Surface Collision: DRY Road Char: STRAIGHT AND LEVEL Light Condition: DAYLIGHT
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: 3150 State of Registration: NY
Num of Occupants: 1 Drivers Age: 30 Sex: MALE Citation Issued: NO
Direction of Travel: SOUTH Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: STARTING IN TRAFFIC
Apparent Factors: UNKNOWN UNKNOWN

Veh: 2 CAR/VAN/PICKUP Registered Weight: UNKNOWN State of Registration: NY
Num of Occupants: 1 Drivers Age: 60 Sex: MALE Citation Issued: NO
Direction of Travel: SOUTH Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: STARTING IN TRAFFIC
Apparent Factors: NOT APPLICABLE UNKNOWN

JUN-07-2003 SAT 04:00 PM Persons Killed: 0 Persons Injured: 1 Extent of Injuries: C Case: 2003-30942841
Accident Class: INJURY Police Agency:HAVERSTRAW TOWN PD Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: TRAFFIC SIGNAL
Manner of Collision: OTHER Weather: RAIN
Road Surface Collision: WET Road Char: STRAIGHT AND LEVEL Light Condition: DAYLIGHT
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: 4257 State of Registration: NY
Num of Occupants: 7 Drivers Age: 49 Sex: MALE Citation Issued: NO
Direction of Travel: SOUTH-EAST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: MAKING LEFT TURN
Apparent Factors: DRIVER INATTENTION UNKNOWN

NYSDOT Safety Information Management System
Accident Verbal Description Report
Intersection & Non-Intersection Accidents
Complete Accident Data From NYSDMV Is Only Available thru 31-DEC-2007

Route: 202 Highway Location Ref Mrkr Range: 202 85011053 - 202 85011104 Dates: 01-JAN-2003 - 31-DEC-2007

*** Ref Mrkr: 202 8501 1091 INTERSECTION ACCIDENTS - MT IVY RD CR 59/ PARKING STN. *** (Continued)

Veh: 2 CAR/VAN/PICKUP Registered Weight: 10815 State of Registration: NY
Num of Occupants: 4 Drivers Age: 30 Sex: MALE Citation Issued: NO
Direction of Travel: WEST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: SLOWED OR STOPPING
Apparent Factors: UNKNOWN UNKNOWN

JUN-07-2003 SAT 11:46 AM Persons Killed: 0 Persons Injured: 1 Extent of Injuries: C Case: 2003-30942391
Accident Class: PROPERTY DAMAGE AND INJURY Police Agency:NYS OFF MENTAL HLTH RES INST Num of Veh: 3
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: TRAFFIC SIGNAL
Manner of Collision: OTHER Weather: RAIN
Road Surface Collision: WET Road Char: STRAIGHT/ GRADE Light Condition: DAYLIGHT
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: 3400 State of Registration: NY
Num of Occupants: 1 Drivers Age: 18 Sex: MALE Citation Issued: NO
Direction of Travel: WEST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: STOPPED IN TRAFFIC
Apparent Factors: NOT APPLICABLE UNKNOWN

Veh: 2 CAR/VAN/PICKUP Registered Weight: 2432 State of Registration: NY
Num of Occupants: 2 Drivers Age: 50 Sex: FEMALE Citation Issued: NO
Direction of Travel: WEST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: STOPPED IN TRAFFIC
Apparent Factors: NOT APPLICABLE UNKNOWN

Veh: 3 CAR/VAN/PICKUP Registered Weight: 2699 State of Registration: NY
Num of Occupants: 1 Drivers Age: 23 Sex: MALE Citation Issued: NO
Direction of Travel: WEST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: GOING STRAIGHT AHEAD
Apparent Factors: PAVEMENT SLIPPERY UNKNOWN

JUN-10-2003 TUE 04:05 PM Persons Killed: 0 Persons Injured: 1 Extent of Injuries: C Case: 2003-30955789
Accident Class: INJURY Police Agency:PALISADES SP Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: TRAFFIC SIGNAL
Manner of Collision: LEFT TURN (AGAINST OTHER CAR) Weather: CLOUDY
Road Surface Collision: DRY Road Char: STRAIGHT AND LEVEL Light Condition: DAYLIGHT
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: 3126 State of Registration: NY
Num of Occupants: 3 Drivers Age: 16 Sex: FEMALE Citation Issued: NO
Direction of Travel: SOUTH-EAST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: MAKING LEFT TURN

Route: 202 Highway Location Ref Mrkr Range: 202 85011053 - 202 85011104 Dates: 01-JAN-2003 - 31-DEC-2007

*** Ref Mrkr: 202 8501 1091 INTERSECTION ACCIDENTS - MT IVY RD CR 59/ PARKING STN. *** (Continued)

Apparent Factors: UNKNOWN — FAILURE TO YIELD RIGHT OF WAY

Veh: 2 CAR/VAN/PICKUP — Registered Weight: 4129 — State of Registration: NY
Num of Occupants: 1 — Drivers Age: 54 — Sex: MALE — Citation Issued: NO
Direction of Travel: WEST — Public Property Damage: NO — School Bus Involved: NO
Pre-Accd Action: GOING STRAIGHT AHEAD
Apparent Factors: NOT APPLICABLE — NOT APPLICABLE

SEP-12-2003 FRI 06:50 PM Persons Killed: 0 Persons Injured: 1 Extent of Injuries: C — Case: 2003-31018000
Accident Class: INJURY — Police Agency:RAMAPO TOWN PD — Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE — Traffic Control: TRAFFIC SIGNAL
Manner of Collision: LEFT TURN (AGAINST OTHER CAR) — Weather: CLEAR
Road Surface Collision: DRY — Road Char: STRAIGHT/ GRADE — Light Condition: DUSK
Loc. of Ped/Bicycle: NOT APPLICABLE — Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP — Registered Weight: 3986 — State of Registration: NY
Num of Occupants: 2 — Drivers Age: 25 — Sex: MALE — Citation Issued: NO
Direction of Travel: NORTH-EAST — Public Property Damage: NO — School Bus Involved: NO
Pre-Accd Action: MAKING LEFT TURN
Apparent Factors: DRIVER INATTENTION — UNKNOWN

Veh: 2 OTHER — Registered Weight: UNKNOWN — State of Registration: NY
Num of Occupants: 1 — Drivers Age: 26 — Sex: MALE — Citation Issued: NO
Direction of Travel: WEST — Public Property Damage: NO — School Bus Involved: NO
Pre-Accd Action: GOING STRAIGHT AHEAD
Apparent Factors: UNKNOWN — UNKNOWN

SEP-30-2003 TUE 12:45 PM Persons Killed: 0 Persons Injured: 1 Extent of Injuries: C — Case: 2003-31028678
Accident Class: PROPERTY DAMAGE AND INJURY — Police Agency:ROCKLAND CO SO — Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE — Traffic Control: NONE
Manner of Collision: REAR END — Weather: CLEAR
Road Surface Collision: DRY — Road Char: STRAIGHT AND LEVEL — Light Condition: DAYLIGHT
Loc. of Ped/Bicycle: NOT APPLICABLE — Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP — Registered Weight: 2519 — State of Registration: NY
Num of Occupants: 1 — Drivers Age: 28 — Sex: MALE — Citation Issued: NO
Direction of Travel: EAST — Public Property Damage: NO — School Bus Involved: NO
Pre-Accd Action: STOPPED IN TRAFFIC
Apparent Factors: UNKNOWN — UNKNOWN

Veh: 2 CAR/VAN/PICKUP — Registered Weight: 3239 — State of Registration: NY
Num of Occupants: 1 — Drivers Age: 20 — Sex: MALE — Citation Issued: NO
Direction of Travel: EAST — Public Property Damage: NO — School Bus Involved: NO

NYSDOT Safety Information Management System
Accident Verbal Description Report
Intersection & Non-Intersection Accidents
Complete Accident Data From NYSDMV Is Only Available thru 31-DEC-2007

Route: 202 Highway Location Ref Mrkr Range: 202 85011053 - 202 85011104 Dates: 01-JAN-2003 - 31-DEC-2007

*** Ref Mrkr: 202 8501 1091 INTERSECTION ACCIDENTS - MT IVY RD CR 59/ PARKING STN. *** (Continued)

Pre-Accd Action: GOING STRAIGHT AHEAD
Apparent Factors: DRIVER INATTENTION UNKNOWN

FEB-06-2004 FRI Persons Killed: 0 Persons Injured: 0 Extent of Injuries: Case: 2004-31112055
Accident Class: PROPERTY DAMAGE Police Agency:NOT ENTERED Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: UNKNOWN
Manner of Collision: LEFT TURN (WITH OTHER CAR) Weather: UNKNOWN
Road Surface Collision: UNKNOWN Road Char: UNKNOWN Light Condition: UNKNOWN
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: 2572 State of Registration: NY
Num of Occupants: 1 Drivers Age: 70 Sex: MALE Citation Issued: NO
Direction of Travel: UNKNOWN Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: UNKNOWN
Apparent Factors: UNKNOWN UNKNOWN

Veh: 2 CAR/VAN/PICKUP Registered Weight: 2448 State of Registration: NY
Num of Occupants: 1 Drivers Age: 61 Sex: FEMALE Citation Issued: NO
Direction of Travel: UNKNOWN Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: UNKNOWN
Apparent Factors: UNKNOWN UNKNOWN

APR-13-2004 TUE 06:30 PM Persons Killed: 0 Persons Injured: 1 Extent of Injuries: C Case: 2004-31180047
Accident Class: PROPERTY DAMAGE AND INJURY Police Agency:HAVERSTRAW TOWN PD Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: TRAFFIC SIGNAL
Manner of Collision: UNKNOWN Weather: RAIN
Road Surface Collision: WET Road Char: STRAIGHT AND LEVEL Light Condition: DAYLIGHT
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: 2980 State of Registration: NY
Num of Occupants: 1 Drivers Age: 45 Sex: FEMALE Citation Issued: NO
Direction of Travel: SOUTH-EAST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: MAKING LEFT TURN
Apparent Factors: NOT APPLICABLE UNKNOWN

Veh: 2 CAR/VAN/PICKUP Registered Weight: 5549 State of Registration: NY
Num of Occupants: 1 Drivers Age: 41 Sex: FEMALE Citation Issued: NO
Direction of Travel: WEST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: GOING STRAIGHT AHEAD
Apparent Factors: TRAFFIC CONTROL DEVICES DISREGARDED UNKNOWN

JUN-18-2004 FRI 05:30 PM Persons Killed: 0 Persons Injured: 1 Extent of Injuries: C Case: 2004-31217737
Accident Class: INJURY Police Agency:HAVERSTRAW TOWN PD Num of Veh: 2

NYSDOT Safety Information Management System
Accident Verbal Description Report
Intersection & Non-Intersection Accidents
Complete Accident Data From NYSDMV Is Only Available thru 31-DEC-2007

Route: 202 Highway Location Ref Mrkr Range: 202 85011053 - 202 85011104 Dates: 01-JAN-2003 - 31-DEC-2007

*** Ref Mrkr: 202 8501 1091 INTERSECTION ACCIDENTS - MT IVY RD CR 59/ PARKING STN. *** (Continued)

Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: TRAFFIC SIGNAL
Manner of Collision: REAR END Weather: CLEAR
Road Surface Collision: DRY Road Char: STRAIGHT AND LEVEL Light Condition: DAYLIGHT
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: 2641 State of Registration: NY
Num of Occupants: 2 Drivers Age: 19 Sex: FEMALE Citation Issued: NO
Direction of Travel: WEST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: STOPPED IN TRAFFIC
Apparent Factors: NOT APPLICABLE UNKNOWN

Veh: 2 CAR/VAN/PICKUP Registered Weight: 3705 State of Registration: NY
Num of Occupants: 1 Drivers Age: 73 Sex: FEMALE Citation Issued: NO
Direction of Travel: WEST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: STARTING IN TRAFFIC
Apparent Factors: DRIVER INATTENTION UNKNOWN

AUG-03-2004 TUE 11:25 AM Persons Killed: 0 Persons Injured: 1 Extent of Injuries: C Case: 2004-31269953
Accident Class: INJURY Police Agency:HAVERSTRAW TOWN PD Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: TRAFFIC SIGNAL
Manner of Collision: REAR END Weather: CLEAR
Road Surface Collision: DRY Road Char: STRAIGHT AND LEVEL Light Condition: DAYLIGHT
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: UNKNOWN State of Registration: NJ
Num of Occupants: 1 Drivers Age: 33 Sex: MALE Citation Issued: NO
Direction of Travel: EAST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: STOPPED IN TRAFFIC
Apparent Factors: NOT APPLICABLE UNKNOWN

Veh: 2 CAR/VAN/PICKUP Registered Weight: 3889 State of Registration: NY
Num of Occupants: 3 Drivers Age: 22 Sex: FEMALE Citation Issued: NO
Direction of Travel: EAST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: STARTING IN TRAFFIC
Apparent Factors: DRIVER INATTENTION UNKNOWN

AUG-29-2004 SUN 06:20 PM Persons Killed: 0 Persons Injured: 1 Extent of Injuries: C Case: 2004-31268279
Accident Class: INJURY Police Agency:HAVERSTRAW TOWN PD Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: TRAFFIC SIGNAL
Manner of Collision: REAR END Weather: CLEAR
Road Surface Collision: DRY Road Char: STRAIGHT AND LEVEL Light Condition: DAYLIGHT
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

NYSDOT Safety Information Management System
Accident Verbal Description Report
Intersection & Non-Intersection Accidents
Complete Accident Data From NYSDMV Is Only Available thru 31-DEC-2007

Route: 202 Highway Location Ref Mrkr Range: 202 85011053 - 202 85011104 Dates: 01-JAN-2003 - 31-DEC-2007

*** Ref Mrkr: 202 8501 1091 INTERSECTION ACCIDENTS - MT IVY RD CR 59/ PARKING STN. *** (Continued)

Veh: 1 CAR/VAN/PICKUP Registered Weight: 3338 State of Registration: NY
Num of Occupants: 2 Drivers Age: 50 Sex: MALE Citation Issued: NO
Direction of Travel: EAST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: STOPPED IN TRAFFIC
Apparent Factors: NOT APPLICABLE UNKNOWN

Veh: 2 CAR/VAN/PICKUP Registered Weight: 4120 State of Registration: NY
Num of Occupants: 1 Drivers Age: 62 Sex: MALE Citation Issued: NO
Direction of Travel: EAST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: SLOWED OR STOPPING
Apparent Factors: DRIVER INATTENTION UNKNOWN

AUG-31-2004 TUE 03:35 PM Persons Killed: 0 Persons Injured: 2 Extent of Injuries: CC Case: 2004-31261206
Accident Class: INJURY Police Agency:HAVERSTRAW TOWN PD Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: TRAFFIC SIGNAL
Manner of Collision: REAR END Weather: CLEAR
Road Surface Collision: DRY Road Char: STRAIGHT AND LEVEL Light Condition: DAYLIGHT
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: 2949 State of Registration: NY
Num of Occupants: 2 Drivers Age: 39 Sex: MALE Citation Issued: NO
Direction of Travel: EAST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: GOING STRAIGHT AHEAD
Apparent Factors: UNKNOWN UNKNOWN

Veh: 2 CAR/VAN/PICKUP Registered Weight: 6010 State of Registration: NY
Num of Occupants: 1 Drivers Age: 43 Sex: MALE Citation Issued: NO
Direction of Travel: EAST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: GOING STRAIGHT AHEAD
Apparent Factors: UNKNOWN UNKNOWN

APR-24-2005 SUN 11:15 AM Persons Killed: 0 Persons Injured: 1 Extent of Injuries: C Case: 2005-31447764
Accident Class: INJURY Police Agency:HAVERSTRAW TOWN PD Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: TRAFFIC SIGNAL
Manner of Collision: REAR END Weather: CLOUDY
Road Surface Collision: DRY Road Char: STRAIGHT AND LEVEL Light Condition: DAYLIGHT
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: 2632 State of Registration: NY
Num of Occupants: 1 Drivers Age: 24 Sex: MALE Citation Issued: NO
Direction of Travel: EAST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: GOING STRAIGHT AHEAD
Apparent Factors: UNKNOWN UNKNOWN

NYSDOT Safety Information Management System
Accident Verbal Description Report
Intersection & Non-Intersection Accidents
Complete Accident Data From NYSDMV Is Only Available thru 31-DEC-2007

Route: 202 Highway Location Ref Mrkr Range: 202 85011053 - 202 85011104 Dates: 01-JAN-2003 - 31-DEC-2007

*** Ref Mrkr: 202 8501 1091 INTERSECTION ACCIDENTS - MT IVY RD CR 59/ PARKING STN. *** (Continued)

Veh: 2 CAR/VAN/PICKUP Registered Weight: 6060 State of Registration: NY
Num of Occupants: 1 Drivers Age: 37 Sex: MALE Citation Issued: NO
Direction of Travel: EAST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: GOING STRAIGHT AHEAD
Apparent Factors: NOT APPLICABLE UNKNOWN

NOV-15-2005 TUE 10:19 AM Persons Killed: 0 Persons Injured: 2 Extent of Injuries: CC Case: 2005-31665038
Accident Class: INJURY Police Agency:HAVERSTRAW TOWN PD Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: TRAFFIC SIGNAL
Manner of Collision: LEFT TURN (AGAINST OTHER CAR) Weather: RAIN
Road Surface Collision: WET Road Char: STRAIGHT AND LEVEL Light Condition: DAYLIGHT
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: 4120 State of Registration: NY
Num of Occupants: 1 Drivers Age: 50 Sex: MALE Citation Issued: NO
Direction of Travel: WEST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: GOING STRAIGHT AHEAD
Apparent Factors: NOT APPLICABLE NOT APPLICABLE

Veh: 2 CAR/VAN/PICKUP Registered Weight: 2770 State of Registration: NY
Num of Occupants: 2 Drivers Age: 57 Sex: MALE Citation Issued: NO
Direction of Travel: NORTH-EAST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: MAKING LEFT TURN
Apparent Factors: FAILURE TO YIELD RIGHT OF WAY NOT APPLICABLE

NOV-24-2005 THU 12:35 PM Persons Killed: 0 Persons Injured: 1 Extent of Injuries: C Case: 2005-31640518
Accident Class: PROPERTY DAMAGE AND INJURY Police Agency:HAVERSTRAW TOWN PD Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: TRAFFIC SIGNAL
Manner of Collision: REAR END Weather: CLEAR
Road Surface Collision: WET Road Char: STRAIGHT AND LEVEL Light Condition: DAYLIGHT
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: 3040 State of Registration: NY
Num of Occupants: 5 Drivers Age: 44 Sex: MALE Citation Issued: NO
Direction of Travel: WEST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: SLOWED OR STOPPING
Apparent Factors: UNKNOWN UNKNOWN

Veh: 2 CAR/VAN/PICKUP Registered Weight: 3053 State of Registration: NY
Num of Occupants: 1 Drivers Age: 37 Sex: FEMALE Citation Issued: NO
Direction of Travel: WEST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: SLOWED OR STOPPING

Route: 202 Highway Location Ref Mrkr Range: 202 85011053 - 202 85011104 Dates: 01-JAN-2003 - 31-DEC-2007

*** Ref Mrkr: 202 8501 1091 INTERSECTION ACCIDENTS - MT IVY RD CR 59/ PARKING STN. *** (Continued)

Apparent Factors: FOLLOWING TOO CLOSELY PAVEMENT SLIPPERY

JUL-19-2006 WED 10:27 PM Persons Killed: 0 Persons Injured: 1 Extent of Injuries: B Case: 2006-31877482
Accident Class: INJURY Police Agency:HAVERSTRAW TOWN PD Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: TRAFFIC SIGNAL
Manner of Collision: LEFT TURN (AGAINST OTHER CAR) Weather: CLEAR
Road Surface Collision: DRY Road Char: STRAIGHT AND LEVEL Light Condition: DARK-ROAD LIGHTED
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: 3131 State of Registration: NY
Num of Occupants: 1 Drivers Age: 59 Sex: FEMALE Citation Issued: YES
Direction of Travel: EAST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: MAKING LEFT TURN
Apparent Factors: ALCOHOL INVOLVEMENT FAILURE TO YIELD RIGHT OF WAY

Veh: 2 MOTORCYCLE Registered Weight: 443 State of Registration: NY
Num of Occupants: 2 Drivers Age: 50 Sex: MALE Citation Issued: NO
Direction of Travel: WEST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: GOING STRAIGHT AHEAD
Apparent Factors: UNKNOWN UNKNOWN

JUL-31-2006 MON 07:46 AM Persons Killed: 0 Persons Injured: 2 Extent of Injuries: BC Case: 2006-31870321
Accident Class: INJURY Police Agency:HAVERSTRAW TOWN PD Num of Veh: 3
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: TRAFFIC SIGNAL
Manner of Collision: OTHER Weather: CLEAR
Road Surface Collision: DRY Road Char: STRAIGHT AND LEVEL Light Condition: DAYLIGHT
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: 2398 State of Registration: NY
Num of Occupants: 1 Drivers Age: 44 Sex: MALE Citation Issued: NO
Direction of Travel: WEST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: GOING STRAIGHT AHEAD
Apparent Factors: REACTION TO OTHER UNINVOLVED VEHICL UNKNOWN

Veh: 2 CAR/VAN/PICKUP Registered Weight: 2544 State of Registration: NY
Num of Occupants: 1 Drivers Age: 26 Sex: MALE Citation Issued: NO
Direction of Travel: WEST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: GOING STRAIGHT AHEAD
Apparent Factors: UNKNOWN UNKNOWN

Veh: 3 CAR/VAN/PICKUP Registered Weight: 3195 State of Registration: NY
Num of Occupants: 1 Drivers Age: 22 Sex: FEMALE Citation Issued: NO
Direction of Travel: WEST Public Property Damage: NO School Bus Involved: NO

Route: 202 Highway Location Ref Mrkr Range: 202 85011053 - 202 85011104 Dates: 01-JAN-2003 - 31-DEC-2007

*** Ref Mrkr: 202 8501 1091 INTERSECTION ACCIDENTS - MT IVY RD CR 59/ PARKING STN. *** (Continued)

Pre-Accd Action: GOING STRAIGHT AHEAD
Apparent Factors: UNKNOWN — UNKNOWN

AUG-16-2006 WED 06:50 AM Persons Killed: 0 Persons Injured: 1 Extent of Injuries: C Case: 2006-31897326
Accident Class: INJURY Police Agency:HAVERSTRAW TOWN PD Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: TRAFFIC SIGNAL
Manner of Collision: REAR END Weather: CLEAR
Road Surface Collision: DRY Road Char: STRAIGHT AND LEVEL Light Condition: DAYLIGHT
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: 2564 State of Registration: NY
Num of Occupants: 1 Drivers Age: 45 Sex: MALE Citation Issued: NO
Direction of Travel: EAST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: STOPPED IN TRAFFIC
Apparent Factors: NOT APPLICABLE — NOT APPLICABLE

Veh: 2 CAR/VAN/PICKUP Registered Weight: UNKNOWN State of Registration: MA
Num of Occupants: 1 Drivers Age: 50 Sex: MALE Citation Issued: YES
Direction of Travel: EAST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: GOING STRAIGHT AHEAD
Apparent Factors: GLARE — ALCOHOL INVOLVEMENT

SEP-07-2006 THU 04:40 PM Persons Killed: 0 Persons Injured: 1 Extent of Injuries: C Case: 2006-31949922
Accident Class: INJURY Police Agency:HAVERSTRAW TOWN PD Num of Veh: 1
Type of Accident: COLLISION WITH PEDESTRIAN Traffic Control: TRAFFIC SIGNAL
Manner of Collision: OTHER Weather: CLEAR
Road Surface Collision: DRY Road Char: STRAIGHT AND LEVEL Light Condition: DAYLIGHT
Loc. of Ped/Bicycle: PED/BICYCLIST AT INTERSECTION Action of Ped/Bicycle: CROSSING AGAINST SIGNAL

Veh: 1 CAR/VAN/PICKUP Registered Weight: 3096 State of Registration: NY
Num of Occupants: 1 Drivers Age: 45 Sex: FEMALE Citation Issued: NO
Direction of Travel: EAST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: MAKING RIGHT TURN
Apparent Factors: UNKNOWN — UNKNOWN

Veh: 2 PEDESTRIAN Registered Weight: UNKNOWN State of Registration: UNKNOWN
Num of Occupants: N/A Pedestrian Age: 23 Sex: FEMALE Citation Issued: NO
Direction of Travel: NOT APPLICABLE Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: NOT APPLICABLE
Apparent Factors: UNKNOWN — UNKNOWN

OCT-26-2006 THU 12:40 PM Persons Killed: 0 Persons Injured: 2 Extent of Injuries: CC Case: 2006-31975828
Accident Class: PROPERTY DAMAGE AND INJURY Police Agency:NYS OFF MENTAL HLTH RES INST Num of Veh: 3

NYSDOT Safety Information Management System
Accident Verbal Description Report
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Complete Accident Data From NYSDMV Is Only Available thru 31-DEC-2007

Route: 202 Highway Location Ref Mrkr Range: 202 85011053 - 202 85011104 Dates: 01-JAN-2003 - 31-DEC-2007

*** Ref Mrkr: 202 8501 1091 INTERSECTION ACCIDENTS - MT IVY RD CR 59/ PARKING STN. *** (Continued)

Type of Accident: COLLISION WITH MOTOR VEHICLE — Traffic Control: TRAFFIC SIGNAL
Manner of Collision: OTHER — Weather: CLEAR
Road Surface Collision: DRY — Road Char: STRAIGHT AND LEVEL — Light Condition: DAYLIGHT
Loc. of Ped/Bicycle: NOT APPLICABLE — Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP — Registered Weight: 6283 — State of Registration: NY
Num of Occupants: 7 — Drivers Age: 38 — Sex: MALE — Citation Issued: NO
Direction of Travel: EAST — Public Property Damage: NO — School Bus Involved: NO
Pre-Accd Action: STOPPED IN TRAFFIC
Apparent Factors: NOT APPLICABLE — UNKNOWN

Veh: 2 CAR/VAN/PICKUP — Registered Weight: 4211 — State of Registration: NY
Num of Occupants: 1 — Drivers Age: 38 — Sex: MALE — Citation Issued: NO
Direction of Travel: EAST — Public Property Damage: NO — School Bus Involved: NO
Pre-Accd Action: STOPPED IN TRAFFIC
Apparent Factors: NOT APPLICABLE — UNKNOWN

Veh: 3 CAR/VAN/PICKUP — Registered Weight: 3890 — State of Registration: NY
Num of Occupants: 1 — Drivers Age: 37 — Sex: MALE — Citation Issued: NO
Direction of Travel: EAST — Public Property Damage: NO — School Bus Involved: NO
Pre-Accd Action: GOING STRAIGHT AHEAD
Apparent Factors: FOLLOWING TOO CLOSELY — UNKNOWN

NOV-05-2006 SUN 05:15 PM Persons Killed: 0 Persons Injured: 5 Extent of Injuries: CCCCC — Case: 2006-31976962
Accident Class: INJURY — Police Agency:HAVERSTRAW TOWN PD — Num of Veh: 5
Type of Accident: COLLISION WITH MOTOR VEHICLE — Traffic Control: TRAFFIC SIGNAL
Manner of Collision: OTHER — Weather: CLEAR
Road Surface Collision: DRY — Road Char: STRAIGHT AND LEVEL — Light Condition: DARK-ROAD LIGHTED
Loc. of Ped/Bicycle: NOT APPLICABLE — Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP — Registered Weight: 4503 — State of Registration: NY
Num of Occupants: 1 — Drivers Age: 54 — Sex: MALE — Citation Issued: NO
Direction of Travel: EAST — Public Property Damage: NO — School Bus Involved: NO
Pre-Accd Action: STOPPED IN TRAFFIC
Apparent Factors: UNKNOWN — UNKNOWN

Veh: 2 CAR/VAN/PICKUP — Registered Weight: 3686 — State of Registration: NY
Num of Occupants: 1 — Drivers Age: 49 — Sex: FEMALE — Citation Issued: NO
Direction of Travel: EAST — Public Property Damage: NO — School Bus Involved: NO
Pre-Accd Action: STOPPED IN TRAFFIC
Apparent Factors: UNKNOWN — UNKNOWN

Veh: 3 CAR/VAN/PICKUP — Registered Weight: 2242 — State of Registration: NY

NYSDOT Safety Information Management System
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Route: 202 Highway Location Ref Mrkr Range: 202 85011053 - 202 85011104 Dates: 01-JAN-2003 - 31-DEC-2007

*** Ref Mrkr: 202 8501 1091 INTERSECTION ACCIDENTS - MT IVY RD CR 59/ PARKING STN. *** (Continued)

Num of Occupants: 3 Drivers Age: 26 Sex: MALE Citation Issued: NO
Direction of Travel: EAST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: STOPPED IN TRAFFIC
Apparent Factors: UNKNOWN UNKNOWN

Veh: 4 CAR/VAN/PICKUP Registered Weight: 3523 State of Registration: NY
Num of Occupants: 2 Drivers Age: 85 Sex: MALE Citation Issued: NO
Direction of Travel: EAST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: SLOWED OR STOPPING
Apparent Factors: BRAKES DEFECTIVE UNKNOWN

Veh: 5 CAR/VAN/PICKUP Registered Weight: 3990 State of Registration: NY
Num of Occupants: 2 Drivers Age: 53 Sex: MALE Citation Issued: NO
Direction of Travel: EAST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: STOPPED IN TRAFFIC
Apparent Factors: UNKNOWN UNKNOWN

NOV-08-2006 WED 11:40 PM Persons Killed: 0 Persons Injured: 1 Extent of Injuries: C Case: 2006-31996488
Accident Class: PROPERTY DAMAGE AND INJURY Police Agency:HAVERSTRAW TOWN PD Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: TRAFFIC SIGNAL
Manner of Collision: LEFT TURN (AGAINST OTHER CAR) Weather: RAIN
Road Surface Collision: WET Road Char: STRAIGHT AND LEVEL Light Condition: DARK-ROAD LIGHTED
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: 3206 State of Registration: NY
Num of Occupants: 1 Drivers Age: 65 Sex: MALE Citation Issued: NO
Direction of Travel: EAST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: MAKING LEFT TURN
Apparent Factors: NOT APPLICABLE NOT APPLICABLE

Veh: 2 OTHER Registered Weight: UNKNOWN State of Registration: UNKNOWN
Num of Occupants: UNKNOWN Drivers Age: UNKNOWN Sex: UNKNOWN Citation Issued: NO
Direction of Travel: WEST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: GOING STRAIGHT AHEAD
Apparent Factors: OTHER (HUMAN) NOT APPLICABLE

AUG-30-2007 THU 09:00 PM Persons Killed: 0 Persons Injured: 1 Extent of Injuries: C Case: 2007-32311983
Accident Class: PROPERTY DAMAGE AND INJURY Police Agency:HAVERSTRAW TOWN PD Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: NONE
Manner of Collision: REAR END Weather: CLEAR
Road Surface Collision: DRY Road Char: STRAIGHT AND LEVEL Light Condition: DARK-ROAD LIGHTED
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

NYSDOT Safety Information Management System
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Complete Accident Data From NYSDMV Is Only Available thru 31-DEC-2007

Route: 202 Highway Location Ref Mrkr Range: 202 85011053 - 202 85011104 Dates: 01-JAN-2003 - 31-DEC-2007

*** Ref Mrkr: 202 8501 1091 INTERSECTION ACCIDENTS - MT IVY RD CR 59/ PARKING STN. *** (Continued)

Veh: 1 CAR/VAN/PICKUP Registered Weight: 3173 State of Registration: NY
Num of Occupants: 1 Drivers Age: 32 Sex: FEMALE Citation Issued: NO
Direction of Travel: EAST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: STOPPED IN TRAFFIC
Apparent Factors: NOT APPLICABLE UNKNOWN

Veh: 2 CAR/VAN/PICKUP Registered Weight: 4696 State of Registration: NY
Num of Occupants: 1 Drivers Age: 43 Sex: MALE Citation Issued: NO
Direction of Travel: EAST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: SLOWED OR STOPPING
Apparent Factors: OTHER (VEHICLE) UNKNOWN

*** Ref Mrkr: 202 8501 1091 INTERSECTION ACCIDENTS - INVALID INTERSECTION NUMBER 00 ***

AUG-12-2004 THU 08:59 AM Persons Killed: 0 Persons Injured: 1 Extent of Injuries: C Case: 2004-31271733
Accident Class: PROPERTY DAMAGE AND INJURY Police Agency:NOT ENTERED Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: UNKNOWN
Manner of Collision: REAR END Weather: UNKNOWN
Road Surface Collision: UNKNOWN Road Char: UNKNOWN Light Condition: UNKNOWN
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: UNKNOWN State of Registration: NY
Num of Occupants: 1 Drivers Age: 67 Sex: MALE Citation Issued: NO
Direction of Travel: UNKNOWN Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: UNKNOWN
Apparent Factors: UNKNOWN UNKNOWN

Veh: 2 BUS Registered Weight: UNKNOWN State of Registration: NY
Num of Occupants: 1 Drivers Age: 60 Sex: FEMALE Citation Issued: NO
Direction of Travel: UNKNOWN Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: UNKNOWN
Apparent Factors: UNKNOWN UNKNOWN
Truck/Bus Clsf: NOT ENTERED

*** Ref Mrkr: 202 8501 1092 NON-INTERSECTION ACCIDENTS ***

JAN-02-2003 THU 06:20 PM Persons Killed: 0 Persons Injured: 1 Extent of Injuries: C Case: 2003-30825094
Accident Class: INJURY Police Agency:HAVERSTRAW TOWN PD Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: NONE
Manner of Collision: UNKNOWN Weather: CLEAR
Road Surface Collision: DRY Road Char: STRAIGHT AND LEVEL Light Condition: DARK-ROAD LIGHTED
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

NYSDOT Safety Information Management System
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Complete Accident Data From NYSDMV Is Only Available thru 31-DEC-2007

Route: 202 Highway Location Ref Mrkr Range: 202 85011053 - 202 85011104 Dates: 01-JAN-2003 - 31-DEC-2007

*** Ref Mrkr: 202 8501 1092 NON-INTERSECTION ACCIDENTS *** (Continued)

Veh: 1 CAR/VAN/PICKUP Registered Weight: 3665 State of Registration: NY
Num of Occupants: 1 Drivers Age: 31 Sex: FEMALE Citation Issued: NO
Direction of Travel: WEST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: GOING STRAIGHT AHEAD
Apparent Factors: UNKNOWN UNKNOWN

Veh: 2 CAR/VAN/PICKUP Registered Weight: 3177 State of Registration: NY
Num of Occupants: 1 Drivers Age: 53 Sex: MALE Citation Issued: NO
Direction of Travel: SOUTH Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: MAKING LEFT TURN
Apparent Factors: UNKNOWN UNKNOWN

MAY-23-2003 FRI 02:15 AM Case: 2003-30541375
Accident Class: NON-REPORTABLE Police Agency:HAVERSTRAW TOWN PD Num of Veh: 2

OCT-08-2003 WED 06:50 PM Persons Killed: 0 Persons Injured: 1 Extent of Injuries: C Case: 2003-31035523
Accident Class: INJURY Police Agency:HAVERSTRAW TOWN PD Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: NONE
Manner of Collision: LEFT TURN (WITH OTHER CAR) Weather: CLEAR
Road Surface Collision: DRY Road Char: STRAIGHT AND LEVEL Light Condition: DARK-ROAD LIGHTED
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: 2864 State of Registration: NY
Num of Occupants: 1 Drivers Age: 38 Sex: FEMALE Citation Issued: NO
Direction of Travel: WEST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: MAKING LEFT TURN
Apparent Factors: UNKNOWN UNKNOWN

Veh: 2 CAR/VAN/PICKUP Registered Weight: 3075 State of Registration: NY
Num of Occupants: 1 Drivers Age: 68 Sex: FEMALE Citation Issued: NO
Direction of Travel: WEST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: MAKING LEFT TURN
Apparent Factors: VIEW OBSTRUCTED/LIMITED UNKNOWN

DEC-11-2003 THU 01:47 PM Persons Killed: 0 Persons Injured: 1 Extent of Injuries: C Case: 2003-31101150
Accident Class: INJURY Police Agency:HAVERSTRAW TOWN PD Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: NONE
Manner of Collision: LEFT TURN (WITH OTHER CAR) Weather: RAIN
Road Surface Collision: WET Road Char: STRAIGHT AND LEVEL Light Condition: DAYLIGHT
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: 3741 State of Registration: NY
Num of Occupants: 2 Drivers Age: 27 Sex: MALE Citation Issued: NO

NYSDOT Safety Information Management System
Accident Verbal Description Report
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Complete Accident Data From NYSDMV Is Only Available thru 31-DEC-2007

Route: 202 Highway Location Ref Mrkr Range: 202 85011053 - 202 85011104 Dates: 01-JAN-2003 - 31-DEC-2007

*** Ref Mrkr: 202 8501 1092 NON-INTERSECTION ACCIDENTS *** (Continued)

Direction of Travel: WEST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: GOING STRAIGHT AHEAD
Apparent Factors: NOT APPLICABLE UNKNOWN

Veh: 2 CAR/VAN/PICKUP Registered Weight: 3075 State of Registration: NY
Num of Occupants: 1 Drivers Age: 58 Sex: FEMALE Citation Issued: NO
Direction of Travel: NORTH Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: MAKING LEFT TURN
Apparent Factors: DRIVER INATTENTION UNKNOWN

MAY-29-2004 SAT 09:09 AM Persons Killed: 0 Persons Injured: 2 Extent of Injuries: BB Case: 2004-31188395
Accident Class: INJURY Police Agency:HAVERSTRAW TOWN PD Num of Veh: 1
Type of Accident: COLLISION WITH BICYCLIST Traffic Control: NONE
Manner of Collision: OTHER Weather: CLEAR
Road Surface Collision: DRY Road Char: STRAIGHT AND LEVEL Light Condition: DAYLIGHT
Loc. of Ped/Bicycle: PED/BICYCLIST NOT AT INTERSECTION Action of Ped/Bicycle: ALONG HIGHWAY WITH TRAFFIC

Veh: 1 CAR/VAN/PICKUP Registered Weight: 2905 State of Registration: NY
Num of Occupants: 1 Drivers Age: 50 Sex: FEMALE Citation Issued: NO
Direction of Travel: NORTH-EAST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: MAKING LEFT TURN
Apparent Factors: NOT APPLICABLE NOT APPLICABLE

Veh: 2 BICYCLE Registered Weight: UNKNOWN State of Registration: UNKNOWN
Num of Occupants: N/A Bicyclist Age: 54 Sex: FEMALE Citation Issued: NO
Direction of Travel: WEST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: GOING STRAIGHT AHEAD
Apparent Factors: PEDESTRIAN'S ERROR/CONFUSION NOT APPLICABLE

Veh: 3 BICYCLE Registered Weight: UNKNOWN State of Registration: UNKNOWN
Num of Occupants: N/A Bicyclist Age: 53 Sex: MALE Citation Issued: NO
Direction of Travel: WEST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: GOING STRAIGHT AHEAD
Apparent Factors: UNKNOWN UNKNOWN

JUN-12-2004 SAT 07:00 PM Persons Killed: 0 Persons Injured: 1 Extent of Injuries: C Case: 2004-31221053
Accident Class: INJURY Police Agency:HAVERSTRAW TOWN PD Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: NONE
Manner of Collision: REAR END Weather: CLEAR
Road Surface Collision: DRY Road Char: STRAIGHT AND LEVEL Light Condition: DAYLIGHT
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: UNKNOWN State of Registration: NY

NYSDOT Safety Information Management System
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Complete Accident Data From NYSDMV Is Only Available thru 31-DEC-2007

Route: 202 Highway Location Ref Mrkr Range: 202 85011053 - 202 85011104 Dates: 01-JAN-2003 - 31-DEC-2007

*** Ref Mrkr: 202 8501 1092 NON-INTERSECTION ACCIDENTS *** (Continued)

Num of Occupants: 1 Drivers Age: 35 Sex: FEMALE Citation Issued: NO
Direction of Travel: WEST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: MAKING LEFT TURN
Apparent Factors: NOT APPLICABLE UNKNOWN

Veh: 2 MOTORCYCLE Registered Weight: 474 State of Registration: NY
Num of Occupants: 1 Drivers Age: 26 Sex: MALE Citation Issued: NO
Direction of Travel: WEST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: GOING STRAIGHT AHEAD
Apparent Factors: OTHER (VEHICLE) NOT APPLICABLE

JUL-22-2004 THU 03:15 PM Persons Killed: 0 Persons Injured: 0 Extent of Injuries: Case: 2004-31255330
Accident Class: PROPERTY DAMAGE Police Agency:NOT ENTERED Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: UNKNOWN
Manner of Collision: REAR END Weather: UNKNOWN
Road Surface Collision: UNKNOWN Road Char: UNKNOWN Light Condition: UNKNOWN
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: 2574 State of Registration: NY
Num of Occupants: 1 Drivers Age: 22 Sex: MALE Citation Issued: NO
Direction of Travel: UNKNOWN Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: STOPPED IN TRAFFIC
Apparent Factors: UNKNOWN UNKNOWN

Veh: 2 BUS Registered Weight: UNKNOWN State of Registration: NY
Num of Occupants: 1 Drivers Age: 40 Sex: FEMALE Citation Issued: NO
Direction of Travel: UNKNOWN Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: UNKNOWN
Apparent Factors: UNKNOWN UNKNOWN
Truck/Bus Clsf: NOT ENTERED

AUG-14-2004 SAT 07:15 PM Persons Killed: 0 Persons Injured: 1 Extent of Injuries: C Case: 2004-31260672
Accident Class: INJURY Police Agency:HAVERSTRAW TOWN PD Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: NONE
Manner of Collision: UNKNOWN Weather: CLOUDY
Road Surface Collision: DRY Road Char: STRAIGHT AND LEVEL Light Condition: DAYLIGHT
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: 4303 State of Registration: NY
Num of Occupants: 1 Drivers Age: 42 Sex: FEMALE Citation Issued: NO
Direction of Travel: EAST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: GOING STRAIGHT AHEAD
Apparent Factors: UNKNOWN UNKNOWN

NYSDOT Safety Information Management System
Accident Verbal Description Report
Intersection & Non-Intersection Accidents
Complete Accident Data From NYSDMV Is Only Available thru 31-DEC-2007

Route: 202 Highway Location Ref Mrkr Range: 202 85011053 - 202 85011104 Dates: 01-JAN-2003 - 31-DEC-2007

*** Ref Mrkr: 202 8501 1092 NON-INTERSECTION ACCIDENTS *** (Continued)

Veh: 2 CAR/VAN/PICKUP
Registered Weight: 3113
State of Registration: NY
Num of Occupants: 1
Drivers Age: 17 Sex: MALE
Citation Issued: NO
Direction of Travel: SOUTH-WEST
Public Property Damage: NO
School Bus Involved: NO
Pre-Accd Action: MAKING LEFT TURN
Apparent Factors: DRIVER INATTENTION
VIEW OBSTRUCTED/LIMITED

SEP-22-2004 WED 03:10 PM Persons Killed: 0 Persons Injured: 1 Extent of Injuries: C
Case: 2004-31272912
Accident Class: PROPERTY DAMAGE AND INJURY
Police Agency:HAVERSTRAW TOWN PD
Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE
Traffic Control: NONE
Manner of Collision: LEFT TURN (AGAINST OTHER CAR)
Weather: CLEAR
Road Surface Collision: DRY
Road Char: STRAIGHT AND LEVEL
Light Condition: DAYLIGHT
Loc. of Ped/Bicycle: NOT APPLICABLE
Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP
Registered Weight: 2254
State of Registration: NY
Num of Occupants: 1
Drivers Age: 44 Sex: MALE
Citation Issued: NO
Direction of Travel: EAST
Public Property Damage: NO
School Bus Involved: NO
Pre-Accd Action: GOING STRAIGHT AHEAD
Apparent Factors: UNKNOWN
UNKNOWN

Veh: 2 CAR/VAN/PICKUP
Registered Weight: 2324
State of Registration: NY
Num of Occupants: 1
Drivers Age: 19 Sex: MALE
Citation Issued: YES
Direction of Travel: WEST
Public Property Damage: NO
School Bus Involved: NO
Pre-Accd Action: MAKING LEFT TURN
Apparent Factors: DRIVER INATTENTION
UNKNOWN

JAN-19-2005 WED Persons Killed: 0 Persons Injured: 0 Extent of Injuries:
Case: 2005-31479771
Accident Class: PROPERTY DAMAGE
Police Agency:NOT ENTERED
Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE
Traffic Control: TRAFFIC SIGNAL
Manner of Collision: REAR END
Weather: SLEET/HAIL/FREEZING RAIN
Road Surface Collision: SNOW/ICE
Road Char: STRAIGHT AND LEVEL
Light Condition: UNKNOWN
Loc. of Ped/Bicycle: NOT APPLICABLE
Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP
Registered Weight: 3986
State of Registration: NY
Num of Occupants: 1
Drivers Age: 27 Sex: MALE
Citation Issued: NO
Direction of Travel: EAST
Public Property Damage: NO
School Bus Involved: NO
Pre-Accd Action: SLOWED OR STOPPING
Apparent Factors: UNKNOWN
UNKNOWN

Veh: 2 OTHER
Registered Weight: UNKNOWN
State of Registration: UNKNOWN
Num of Occupants: UNKNOWN
Drivers Age: UNKNOWN Sex: UNKNOWN
Citation Issued: NO
Direction of Travel: EAST
Public Property Damage: NO
School Bus Involved: NO
Pre-Accd Action: STARTING IN TRAFFIC

NYSDOT Safety Information Management System
Accident Verbal Description Report
Intersection & Non-Intersection Accidents
Complete Accident Data From NYSDMV Is Only Available thru 31-DEC-2007

Route: 202 Highway Location Ref Mrkr Range: 202 85011053 - 202 85011104 Dates: 01-JAN-2003 - 31-DEC-2007

*** Ref Mrkr: 202 8501 1092 NON-INTERSECTION ACCIDENTS *** (Continued)

Apparent Factors: UNKNOWN UNKNOWN

FEB-16-2005 WED 03:00 PM Persons Killed: 0 Persons Injured: 0 Extent of Injuries: Case: 2005-31405110
Accident Class: PROPERTY DAMAGE Police Agency:NOT ENTERED Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: UNKNOWN
Manner of Collision: RIGHT TURN (AGAINST OTHER CAR) Weather: UNKNOWN
Road Surface Collision: UNKNOWN Road Char: UNKNOWN Light Condition: UNKNOWN
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: 3579 State of Registration: NY
Num of Occupants: 1 Drivers Age: 86 Sex: MALE Citation Issued: NO
Direction of Travel: UNKNOWN Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: UNKNOWN
Apparent Factors: UNKNOWN UNKNOWN

Veh: 2 CAR/VAN/PICKUP Registered Weight: UNKNOWN State of Registration: NY
Num of Occupants: 1 Drivers Age: 38 Sex: FEMALE Citation Issued: NO
Direction of Travel: UNKNOWN Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: UNKNOWN
Apparent Factors: UNKNOWN UNKNOWN

JUL-07-2005 THU 09:35 AM Persons Killed: 0 Persons Injured: 1 Extent of Injuries: C Case: 2005-31533776
Accident Class: INJURY Police Agency:HAVERSTRAW TOWN PD Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: STOP SIGN
Manner of Collision: REAR END Weather: CLEAR
Road Surface Collision: DRY Road Char: STRAIGHT AND LEVEL Light Condition: DAYLIGHT
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: 2558 State of Registration: NY
Num of Occupants: 2 Drivers Age: 40 Sex: FEMALE Citation Issued: NO
Direction of Travel: WEST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: MAKING LEFT TURN
Apparent Factors: UNKNOWN UNKNOWN

Veh: 2 CAR/VAN/PICKUP Registered Weight: 2403 State of Registration: NY
Num of Occupants: 1 Drivers Age: 47 Sex: MALE Citation Issued: NO
Direction of Travel: WEST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: MAKING LEFT TURN
Apparent Factors: UNKNOWN UNKNOWN

JUL-07-2005 THU 08:05 PM Persons Killed: 0 Persons Injured: 1 Extent of Injuries: C Case: 2005-31524095
Accident Class: PROPERTY DAMAGE AND INJURY Police Agency:HAVERSTRAW TOWN PD Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: NONE

NYSDOT Safety Information Management System
Accident Verbal Description Report
Intersection & Non-Intersection Accidents
Complete Accident Data From NYSDMV Is Only Available thru 31-DEC-2007

Route: 202 Highway Location Ref Mrkr Range: 202 85011053 - 202 85011104 Dates: 01-JAN-2003 - 31-DEC-2007

*** Ref Mrkr: 202 8501 1092 NON-INTERSECTION ACCIDENTS *** (Continued)

Manner of Collision: RIGHT TURN (AGAINST OTHER CAR) Weather: CLOUDY
Road Surface Collision: DRY Road Char: STRAIGHT AND LEVEL Light Condition: DUSK
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 MOTORCYCLE Registered Weight: 710 State of Registration: NY
Num of Occupants: 2 Drivers Age: 52 Sex: MALE Citation Issued: NO
Direction of Travel: EAST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: GOING STRAIGHT AHEAD
Apparent Factors: NOT APPLICABLE NOT APPLICABLE

Veh: 2 CAR/VAN/PICKUP Registered Weight: 2698 State of Registration: NY
Num of Occupants: 2 Drivers Age: 25 Sex: FEMALE Citation Issued: NO
Direction of Travel: EAST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: MAKING RIGHT TURN
Apparent Factors: VIEW OBSTRUCTED/LIMITED NOT APPLICABLE

JUL-24-2005 SUN 08:20 AM Persons Killed: 0 Persons Injured: 0 Extent of Injuries: Case: 2005-31562128
Accident Class: PROPERTY DAMAGE Police Agency:NOT ENTERED Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: UNKNOWN
Manner of Collision: RIGHT TURN (WITH OTHER CAR) Weather: UNKNOWN
Road Surface Collision: UNKNOWN Road Char: UNKNOWN Light Condition: UNKNOWN
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: 3084 State of Registration: NY
Num of Occupants: 1 Drivers Age: 52 Sex: FEMALE Citation Issued: NO
Direction of Travel: UNKNOWN Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: UNKNOWN
Apparent Factors: UNKNOWN UNKNOWN

Veh: 2 CAR/VAN/PICKUP Registered Weight: UNKNOWN State of Registration: PA
Num of Occupants: 1 Drivers Age: 42 Sex: MALE Citation Issued: NO
Direction of Travel: UNKNOWN Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: UNKNOWN
Apparent Factors: UNKNOWN UNKNOWN

JUL-27-2005 WED 08:15 PM Persons Killed: 0 Persons Injured: 3 Extent of Injuries: ABC Case: 2005-31574161
Accident Class: INJURY Police Agency:HAVERSTRAW TOWN PD Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: TRAFFIC SIGNAL
Manner of Collision: LEFT TURN (AGAINST OTHER CAR) Weather: CLOUDY
Road Surface Collision: WET Road Char: STRAIGHT AND LEVEL Light Condition: DUSK
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: 2487 State of Registration: NY

NYSDOT Safety Information Management System
Accident Verbal Description Report
Intersection & Non-Intersection Accidents
Complete Accident Data From NYSDMV Is Only Available thru 31-DEC-2007

Route: 202 Highway Location Ref Mrkr Range: 202 85011053 - 202 85011104 Dates: 01-JAN-2003 - 31-DEC-2007

*** Ref Mrkr: 202 8501 1092 NON-INTERSECTION ACCIDENTS *** (Continued)

Num of Occupants: 1 Drivers Age: 49 Sex: FEMALE Citation Issued: NO
Direction of Travel: EAST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: GOING STRAIGHT AHEAD
Apparent Factors: UNKNOWN UNKNOWN

Veh: 2 CAR/VAN/PICKUP Registered Weight: 4045 State of Registration: NY
Num of Occupants: 2 Drivers Age: 17 Sex: FEMALE Citation Issued: NO
Direction of Travel: SOUTH-WEST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: MAKING LEFT TURN
Apparent Factors: DRIVER INATTENTION UNKNOWN

JUL-31-2005 SUN 08:48 PM Persons Killed: 0 Persons Injured: 1 Extent of Injuries: C Case: 2005-31560884
Accident Class: INJURY Police Agency:HAVERSTRAW TOWN PD Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: TRAFFIC SIGNAL
Manner of Collision: REAR END Weather: CLEAR
Road Surface Collision: DRY Road Char: STRAIGHT AND LEVEL Light Condition: DARK-ROAD LIGHTED
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: UNKNOWN State of Registration: NJ
Num of Occupants: 1 Drivers Age: 20 Sex: MALE Citation Issued: NO
Direction of Travel: WEST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: STOPPED IN TRAFFIC
Apparent Factors: NOT APPLICABLE NOT APPLICABLE

Veh: 2 CAR/VAN/PICKUP Registered Weight: UNKNOWN State of Registration: DE
Num of Occupants: 1 Drivers Age: 30 Sex: MALE Citation Issued: NO
Direction of Travel: NORTH Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: SLOWED OR STOPPING
Apparent Factors: ALCOHOL INVOLVEMENT FOLLOWING TOO CLOSELY

AUG-01-2005 MON Persons Killed: 0 Persons Injured: 0 Extent of Injuries: Case: 2005-31568598
Accident Class: PROPERTY DAMAGE Police Agency:NOT ENTERED Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: TRAFFIC SIGNAL
Manner of Collision: REAR END Weather: CLEAR
Road Surface Collision: DRY Road Char: STRAIGHT AND LEVEL Light Condition: DAYLIGHT
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: 3027 State of Registration: NY
Num of Occupants: 1 Drivers Age: 58 Sex: FEMALE Citation Issued: NO
Direction of Travel: WEST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: STARTING IN TRAFFIC
Apparent Factors: NOT APPLICABLE NOT APPLICABLE

NYSDOT Safety Information Management System
Accident Verbal Description Report
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Complete Accident Data From NYSDMV Is Only Available thru 31-DEC-2007

Route: 202 Highway Location Ref Mrkr Range: 202 85011053 - 202 85011104 Dates: 01-JAN-2003 - 31-DEC-2007

*** Ref Mrkr: 202 8501 1092 NON-INTERSECTION ACCIDENTS *** (Continued)

Veh: 2 CAR/VAN/PICKUP Registered Weight: 2376 State of Registration: NY
Num of Occupants: 1 Drivers Age: 25 Sex: FEMALE Citation Issued: NO
Direction of Travel: WEST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: SLOWED OR STOPPING
Apparent Factors: NOT APPLICABLE NOT APPLICABLE

SEP-23-2005 FRI 05:15 PM Persons Killed: 0 Persons Injured: 1 Extent of Injuries: C Case: 2005-31594888
Accident Class: INJURY Police Agency:HAVERSTRAW TOWN PD Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: TRAFFIC SIGNAL
Manner of Collision: REAR END Weather: CLOUDY
Road Surface Collision: DRY Road Char: STRAIGHT AND LEVEL Light Condition: DAYLIGHT
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: 3351 State of Registration: NY
Num of Occupants: 2 Drivers Age: 57 Sex: FEMALE Citation Issued: NO
Direction of Travel: WEST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: GOING STRAIGHT AHEAD
Apparent Factors: UNKNOWN UNKNOWN

Veh: 2 CAR/VAN/PICKUP Registered Weight: 3986 State of Registration: NY
Num of Occupants: 1 Drivers Age: 47 Sex: MALE Citation Issued: NO
Direction of Travel: WEST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: GOING STRAIGHT AHEAD
Apparent Factors: UNKNOWN UNKNOWN

OCT-27-2005 THU 05:30 PM Persons Killed: 0 Persons Injured: 1 Extent of Injuries: C Case: 2005-31660323
Accident Class: INJURY Police Agency:HAVERSTRAW TOWN PD Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: TRAFFIC SIGNAL
Manner of Collision: REAR END Weather: CLEAR
Road Surface Collision: DRY Road Char: STRAIGHT AND LEVEL Light Condition: DAYLIGHT
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: 3000 State of Registration: NY
Num of Occupants: 3 Drivers Age: 27 Sex: FEMALE Citation Issued: NO
Direction of Travel: WEST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: STOPPED IN TRAFFIC
Apparent Factors: UNKNOWN UNKNOWN

Veh: 2 CAR/VAN/PICKUP Registered Weight: 2480 State of Registration: NY
Num of Occupants: 1 Drivers Age: 48 Sex: MALE Citation Issued: NO
Direction of Travel: WEST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: SLOWED OR STOPPING
Apparent Factors: FOLLOWING TOO CLOSELY UNKNOWN

NYSDOT Safety Information Management System
Accident Verbal Description Report
Intersection & Non-Intersection Accidents
Complete Accident Data From NYSDMV Is Only Available thru 31-DEC-2007

Route: 202 Highway Location Ref Mrkr Range: 202 85011053 - 202 85011104 Dates: 01-JAN-2003 - 31-DEC-2007

DEC-23-2005 FRI 05:50 PM Persons Killed: 0 Persons Injured: 0 Extent of Injuries: Case: 2005-31725619
Accident Class: PROPERTY DAMAGE Police Agency:NOT ENTERED Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: UNKNOWN
Manner of Collision: REAR END Weather: UNKNOWN
Road Surface Collision: UNKNOWN Road Char: UNKNOWN Light Condition: UNKNOWN
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: 4008 State of Registration: NY
Num of Occupants: 2 Drivers Age: 62 Sex: MALE Citation Issued: NO
Direction of Travel: UNKNOWN Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: UNKNOWN
Apparent Factors: UNKNOWN UNKNOWN

Veh: 2 CAR/VAN/PICKUP Registered Weight: 3355 State of Registration: NY
Num of Occupants: 1 Drivers Age: 58 Sex: FEMALE Citation Issued: NO
Direction of Travel: UNKNOWN Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: UNKNOWN
Apparent Factors: UNKNOWN UNKNOWN

APR-03-2006 MON 01:52 PM Persons Killed: 0 Persons Injured: 0 Extent of Injuries: Case: 2006-31830453
Accident Class: PROPERTY DAMAGE Police Agency:NOT ENTERED Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: TRAFFIC SIGNAL
Manner of Collision: REAR END Weather: RAIN
Road Surface Collision: WET Road Char: STRAIGHT AND LEVEL Light Condition: DARK-ROAD UNLIGHTED
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: 3148 State of Registration: NY
Num of Occupants: 1 Drivers Age: 60 Sex: FEMALE Citation Issued: NO
Direction of Travel: WEST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: STOPPED IN TRAFFIC
Apparent Factors: UNKNOWN UNKNOWN

Veh: 2 CAR/VAN/PICKUP Registered Weight: 3887 State of Registration: NY
Num of Occupants: 1 Drivers Age: 50 Sex: FEMALE Citation Issued: NO
Direction of Travel: WEST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: GOING STRAIGHT AHEAD
Apparent Factors: UNKNOWN UNKNOWN

AUG-08-2006 TUE 08:30 AM Persons Killed: 0 Persons Injured: 1 Extent of Injuries: C Case: 2006-31897054
Accident Class: INJURY Police Agency:HAVERSTRAW TOWN PD Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: TRAFFIC SIGNAL
Manner of Collision: REAR END Weather: CLEAR
Road Surface Collision: DRY Road Char: STRAIGHT AND LEVEL Light Condition: DAYLIGHT
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Route: 202 Highway Location Ref Mrkr Range: 202 85011053 - 202 85011104 Dates: 01-JAN-2003 - 31-DEC-2007

*** Ref Mrkr: 202 8501 1092 NON-INTERSECTION ACCIDENTS *** (Continued)

Veh: 1 CAR/VAN/PICKUP Registered Weight: 2679 State of Registration: NY
Num of Occupants: 1 Drivers Age: 28 Sex: FEMALE Citation Issued: NO
Direction of Travel: WEST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: STOPPED IN TRAFFIC
Apparent Factors: NOT APPLICABLE UNKNOWN

Veh: 2 CAR/VAN/PICKUP Registered Weight: 3187 State of Registration: NY
Num of Occupants: 1 Drivers Age: 28 Sex: MALE Citation Issued: NO
Direction of Travel: WEST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: GOING STRAIGHT AHEAD
Apparent Factors: DRIVER INATTENTION UNKNOWN

AUG-15-2006 TUE 11:45 AM Persons Killed: 0 Persons Injured: 0 Extent of Injuries: Case: 2006-31887273
Accident Class: PROPERTY DAMAGE Police Agency:HAVERSTRAW TOWN PD Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: NONE
Manner of Collision: REAR END Weather: CLEAR
Road Surface Collision: DRY Road Char: STRAIGHT AND LEVEL Light Condition: DAYLIGHT
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: 4037 State of Registration: NY
Num of Occupants: 1 Drivers Age: 42 Sex: FEMALE Citation Issued: NO
Direction of Travel: SOUTH-EAST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: MAKING LEFT TURN
Apparent Factors: UNKNOWN UNKNOWN

Veh: 2 CAR/VAN/PICKUP Registered Weight: 4000 State of Registration: NY
Num of Occupants: 1 Drivers Age: 62 Sex: FEMALE Citation Issued: NO
Direction of Travel: WEST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: GOING STRAIGHT AHEAD
Apparent Factors: UNKNOWN UNKNOWN

AUG-17-2006 THU 05:40 PM Persons Killed: 0 Persons Injured: 0 Extent of Injuries: Case: 2006-31886962
Accident Class: PROPERTY DAMAGE Police Agency:HAVERSTRAW TOWN PD Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: NONE
Manner of Collision: RIGHT ANGLE Weather: CLEAR
Road Surface Collision: DRY Road Char: STRAIGHT AND LEVEL Light Condition: DAYLIGHT
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: 3816 State of Registration: NY
Num of Occupants: 2 Drivers Age: 77 Sex: FEMALE Citation Issued: NO
Direction of Travel: NORTH Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: OTHER

NYSDOT Safety Information Management System
Accident Verbal Description Report
Intersection & Non-Intersection Accidents
Complete Accident Data From NYSDMV Is Only Available thru 31-DEC-2007

Route: 202 Highway Location Ref Mrkr Range: 202 85011053 - 202 85011104 Dates: 01-JAN-2003 - 31-DEC-2007

*** Ref Mrkr: 202 8501 1092 NON-INTERSECTION ACCIDENTS *** (Continued)

Apparent Factors: FAILURE TO YIELD RIGHT OF WAY UNKNOWN

Veh: 2 CAR/VAN/PICKUP Registered Weight: 3228 State of Registration: NY
Num of Occupants: 1 Drivers Age: 19 Sex: FEMALE Citation Issued: NO
Direction of Travel: EAST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: GOING STRAIGHT AHEAD
Apparent Factors: NOT APPLICABLE UNKNOWN

NOV-29-2006 WED 03:37 PM Persons Killed: 0 Persons Injured: 0 Extent of Injuries: Case: 2006-NR1526513
Accident Class: NON-REPORTABLE Police Agency: Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: TRAFFIC SIGNAL
Manner of Collision: REAR END Weather: UNKNOWN
Road Surface Collision: DRY Road Char: Light Condition: DAYLIGHT
Loc. of Ped/Bicycle: Action of Ped/Bicycle:

Veh: 1 OTHER Registered Weight: UNKNOWN State of Registration: UNKNOWN
Num of Occupants: UNKNOWN Drivers Age: UNKNOWN Sex: UNKNOWN Citation Issued: NO
Direction of Travel: EAST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: STOPPED IN TRAFFIC
Apparent Factors: UNKNOWN UNKNOWN

Veh: 2 OTHER Registered Weight: UNKNOWN State of Registration: UNKNOWN
Num of Occupants: UNKNOWN Drivers Age: UNKNOWN Sex: UNKNOWN Citation Issued: NO
Direction of Travel: EAST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: GOING STRAIGHT AHEAD
Apparent Factors: UNKNOWN UNKNOWN

DEC-15-2006 FRI 11:10 PM Persons Killed: 0 Persons Injured: 1 Extent of Injuries: B Case: 2006-32028021
Accident Class: INJURY Police Agency:HAVERSTRAW TOWN PD Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: TRAFFIC SIGNAL
Manner of Collision: REAR END Weather: RAIN
Road Surface Collision: WET Road Char: STRAIGHT AND LEVEL Light Condition: DARK-ROAD LIGHTED
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: 2698 State of Registration: NY
Num of Occupants: 1 Drivers Age: 37 Sex: FEMALE Citation Issued: NO
Direction of Travel: WEST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: STOPPED IN TRAFFIC
Apparent Factors: UNKNOWN UNKNOWN

Veh: 2 CAR/VAN/PICKUP Registered Weight: 3266 State of Registration: NY
Num of Occupants: 1 Drivers Age: 45 Sex: FEMALE Citation Issued: YES
Direction of Travel: WEST Public Property Damage: NO School Bus Involved: NO

NYSDOT Safety Information Management System
Accident Verbal Description Report
Intersection & Non-Intersection Accidents
Complete Accident Data From NYSDMV Is Only Available thru 31-DEC-2007

Route: 202 Highway Location Ref Mrkr Range: 202 85011053 - 202 85011104 Dates: 01-JAN-2003 - 31-DEC-2007

*** Ref Mrkr: 202 8501 1092 NON-INTERSECTION ACCIDENTS *** (Continued)

Pre-Accd Action: GOING STRAIGHT AHEAD
Apparent Factors: ALCOHOL INVOLVEMENT UNKNOWN

DEC-26-2006 TUE 01:05 PM Persons Killed: 0 Persons Injured: 2 Extent of Injuries: CC Case: 2006-32065201
Accident Class: PROPERTY DAMAGE AND INJURY Police Agency:HAVERSTRAW TOWN PD Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: TRAFFIC SIGNAL
Manner of Collision: RIGHT ANGLE Weather: CLOUDY
Road Surface Collision: WET Road Char: STRAIGHT AND LEVEL Light Condition: DAYLIGHT
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 TRUCK Registered Weight: 17500 State of Registration: NY
Num of Occupants: 1 Drivers Age: 25 Sex: MALE Citation Issued: NO
Direction of Travel: WEST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: SLOWED OR STOPPING
Apparent Factors: UNKNOWN UNKNOWN
Truck/Bus Clsf: NOT ENTERED

Veh: 2 CAR/VAN/PICKUP Registered Weight: 3287 State of Registration: NY
Num of Occupants: 2 Drivers Age: 37 Sex: MALE Citation Issued: NO
Direction of Travel: SOUTH Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: MAKING LEFT TURN
Apparent Factors: UNKNOWN UNKNOWN

JAN-02-2007 TUE 11:40 AM Persons Killed: 0 Persons Injured: 0 Extent of Injuries: Case: 2007-32064921
Accident Class: PROPERTY DAMAGE Police Agency:HAVERSTRAW TOWN PD Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: NONE
Manner of Collision: UNKNOWN Weather: CLEAR
Road Surface Collision: DRY Road Char: STRAIGHT AND LEVEL Light Condition: DAYLIGHT
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: 3889 State of Registration: NY
Num of Occupants: 1 Drivers Age: 49 Sex: MALE Citation Issued: NO
Direction of Travel: SOUTH-EAST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: MAKING LEFT TURN
Apparent Factors: VIEW OBSTRUCTED/LIMITED FAILURE TO YIELD RIGHT OF WAY

Veh: 2 TRUCK Registered Weight: 33000 State of Registration: NY
Num of Occupants: 1 Drivers Age: 67 Sex: MALE Citation Issued: NO
Direction of Travel: WEST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: GOING STRAIGHT AHEAD
Apparent Factors: UNKNOWN UNKNOWN
Truck/Bus Clsf: NOT ENTERED

NYSDOT Safety Information Management System
Accident Verbal Description Report
Intersection & Non-Intersection Accidents
Complete Accident Data From NYSDMV Is Only Available thru 31-DEC-2007

Route: 202 Highway Location Ref Mrkr Range: 202 85011053 - 202 85011104 Dates: 01-JAN-2003 - 31-DEC-2007

*** Ref Mrkr: 202 8501 1092 NON-INTERSECTION ACCIDENTS *** (Continued)

JAN-30-2007 TUE 02:45 PM Persons Killed: 0 Persons Injured: 1 Extent of Injuries: C Case: 2007-32084438
Accident Class: PROPERTY DAMAGE AND INJURY Police Agency:HAVERSTRAW TOWN PD Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: TRAFFIC SIGNAL
Manner of Collision: REAR END Weather: CLOUDY
Road Surface Collision: DRY Road Char: STRAIGHT AND LEVEL Light Condition: DAYLIGHT
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: 3028 State of Registration: NY
Num of Occupants: 1 Drivers Age: 25 Sex: FEMALE Citation Issued: NO
Direction of Travel: WEST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: STOPPED IN TRAFFIC
Apparent Factors: NOT APPLICABLE UNKNOWN

Veh: 2 CAR/VAN/PICKUP Registered Weight: 4133 State of Registration: NY
Num of Occupants: 1 Drivers Age: 19 Sex: MALE Citation Issued: NO
Direction of Travel: WEST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: STARTING IN TRAFFIC
Apparent Factors: DRIVER INATTENTION UNKNOWN

JUL-28-2007 SAT 03:30 PM Persons Killed: 0 Persons Injured: 1 Extent of Injuries: C Case: 2007-32280499
Accident Class: INJURY Police Agency:HAVERSTRAW TOWN PD Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: NONE
Manner of Collision: LEFT TURN (AGAINST OTHER CAR) Weather: CLOUDY
Road Surface Collision: DRY Road Char: STRAIGHT AND LEVEL Light Condition: DAYLIGHT
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: 3499 State of Registration: NY
Num of Occupants: 1 Drivers Age: 20 Sex: MALE Citation Issued: NO
Direction of Travel: SOUTH Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: MAKING LEFT TURN
Apparent Factors: DRIVER INATTENTION UNKNOWN

Veh: 2 CAR/VAN/PICKUP Registered Weight: 4168 State of Registration: NY
Num of Occupants: 1 Drivers Age: 48 Sex: FEMALE Citation Issued: NO
Direction of Travel: WEST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: GOING STRAIGHT AHEAD
Apparent Factors: DRIVER INATTENTION UNKNOWN

*** Ref Mrkr: 45 8501 1085 INTERSECTION ACCIDENTS - JCT US 202 & NY 45 ***

JAN-29-2003 WED 11:10 PM Persons Killed: 0 Persons Injured: 2 Extent of Injuries: CC Case: 2003-30842232
Accident Class: PROPERTY DAMAGE AND INJURY Police Agency:ROCKLAND CO SO Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: TRAFFIC SIGNAL

NYSDOT Safety Information Management System
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Complete Accident Data From NYSDMV Is Only Available thru 31-DEC-2007

Route: 202 Highway Location Ref Mrkr Range: 202 85011053 - 202 85011104 Dates: 01-JAN-2003 - 31-DEC-2007

*** Ref Mrkr: 45 8501 1085 INTERSECTION ACCIDENTS - JCT US 202 & NY 45 *** (Continued)

Manner of Collision: LEFT TURN (AGAINST OTHER CAR) Weather: CLEAR
Road Surface Collision: DRY Road Char: STRAIGHT AND LEVEL Light Condition: DARK-ROAD LIGHTED
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: 2557 State of Registration: NY
Num of Occupants: 3 Drivers Age: 18 Sex: MALE Citation Issued: NO
Direction of Travel: EAST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: GOING STRAIGHT AHEAD
Apparent Factors: NOT APPLICABLE UNKNOWN

Veh: 2 CAR/VAN/PICKUP Registered Weight: 3231 State of Registration: NY
Num of Occupants: 1 Drivers Age: 34 Sex: MALE Citation Issued: YES
Direction of Travel: WEST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: MAKING LEFT TURN
Apparent Factors: ALCOHOL INVOLVEMENT UNKNOWN

JAN-29-2003 WED 05:30 PM Persons Killed: 0 Persons Injured: 0 Extent of Injuries: Case: 2003-30843075
Accident Class: PROPERTY DAMAGE Police Agency:NOT ENTERED Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: NONE
Manner of Collision: LEFT TURN (AGAINST OTHER CAR) Weather: CLOUDY
Road Surface Collision: WET Road Char: STRAIGHT/ GRADE Light Condition: UNKNOWN
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: 3522 State of Registration: NY
Num of Occupants: 1 Drivers Age: 55 Sex: FEMALE Citation Issued: NO
Direction of Travel: NORTH Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: SLOWED OR STOPPING
Apparent Factors: UNKNOWN UNKNOWN

Veh: 2 CAR/VAN/PICKUP Registered Weight: 2367 State of Registration: NY
Num of Occupants: 1 Drivers Age: 21 Sex: MALE Citation Issued: NO
Direction of Travel: SOUTH-EAST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: MAKING LEFT TURN
Apparent Factors: UNKNOWN UNKNOWN

APR-05-2003 SAT 03:00 PM Persons Killed: 0 Persons Injured: 2 Extent of Injuries: CC Case: 2003-30908685
Accident Class: INJURY Police Agency:NOT ENTERED Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: TRAFFIC SIGNAL
Manner of Collision: REAR END Weather: UNKNOWN
Road Surface Collision: DRY Road Char: STRAIGHT AND LEVEL Light Condition: DAYLIGHT
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: 2222 State of Registration: NY

NYSDOT Safety Information Management System
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Route: 202 Highway Location Ref Mrkr Range: 202 85011053 - 202 85011104 Dates: 01-JAN-2003 - 31-DEC-2007

*** Ref Mrkr: 45 8501 1085 INTERSECTION ACCIDENTS - JCT US 202 & NY 45 *** (Continued)

Num of Occupants: 2 Drivers Age: 47 Sex: MALE Citation Issued: NO
Direction of Travel: WEST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: STOPPED IN TRAFFIC
Apparent Factors: UNKNOWN UNKNOWN

Veh: 2 OTHER Registered Weight: UNKNOWN State of Registration: UNKNOWN
Num of Occupants: 1 Drivers Age: 32 Sex: MALE Citation Issued: NO
Direction of Travel: WEST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: UNKNOWN
Apparent Factors: UNKNOWN UNKNOWN

APR-09-2003 WED 12:40 AM Persons Killed: 0 Persons Injured: 1 Extent of Injuries: C Case: 2003-30897210
Accident Class: PROPERTY DAMAGE AND INJURY Police Agency:HAVERSTRAW TOWN PD Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: TRAFFIC SIGNAL
Manner of Collision: LEFT TURN (AGAINST OTHER CAR) Weather: RAIN
Road Surface Collision: WET Road Char: STRAIGHT AND LEVEL Light Condition: DAYLIGHT
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: 2425 State of Registration: NY
Num of Occupants: 1 Drivers Age: 36 Sex: FEMALE Citation Issued: NO
Direction of Travel: EAST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: GOING STRAIGHT AHEAD
Apparent Factors: NOT APPLICABLE UNKNOWN

Veh: 2 CAR/VAN/PICKUP Registered Weight: 2874 State of Registration: NY
Num of Occupants: 1 Drivers Age: 26 Sex: FEMALE Citation Issued: NO
Direction of Travel: SOUTH-WEST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: MAKING LEFT TURN
Apparent Factors: FAILURE TO YIELD RIGHT OF WAY UNKNOWN

APR-13-2003 SUN 01:40 PM Persons Killed: 0 Persons Injured: 0 Extent of Injuries: Case: 2003-30895884
Accident Class: PROPERTY DAMAGE Police Agency:NOT ENTERED Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: NONE
Manner of Collision: REAR END Weather: CLEAR
Road Surface Collision: DRY Road Char: STRAIGHT AND LEVEL Light Condition: UNKNOWN
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: 2996 State of Registration: NY
Num of Occupants: 1 Drivers Age: 28 Sex: MALE Citation Issued: NO
Direction of Travel: EAST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: STOPPED IN TRAFFIC
Apparent Factors: UNKNOWN UNKNOWN

Route: 202 Highway Location Ref Mrkr Range: 202 85011053 - 202 85011104 Dates: 01-JAN-2003 - 31-DEC-2007

*** Ref Mrkr: 45 8501 1085 INTERSECTION ACCIDENTS - JCT US 202 & NY 45 *** (Continued)

Veh: 2 CAR/VAN/PICKUP Registered Weight: 2952 State of Registration: NY
Num of Occupants: 1 Drivers Age: 42 Sex: MALE Citation Issued: NO
Direction of Travel: EAST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: OTHER
Apparent Factors: UNKNOWN UNKNOWN

APR-28-2003 MON 02:48 PM Persons Killed: 0 Persons Injured: 1 Extent of Injuries: C Case: 2003-30910606
Accident Class: PROPERTY DAMAGE AND INJURY Police Agency:NOT ENTERED Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: UNKNOWN
Manner of Collision: RIGHT ANGLE Weather: UNKNOWN
Road Surface Collision: UNKNOWN Road Char: UNKNOWN Light Condition: UNKNOWN
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: 3027 State of Registration: NY
Num of Occupants: 1 Drivers Age: 49 Sex: FEMALE Citation Issued: NO
Direction of Travel: UNKNOWN Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: UNKNOWN
Apparent Factors: UNKNOWN UNKNOWN

Veh: 2 TRUCK Registered Weight: UNKNOWN State of Registration: WY
Num of Occupants: 1 Drivers Age: 103 Sex: UNKNOWN Citation Issued: NO
Direction of Travel: UNKNOWN Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: UNKNOWN
Apparent Factors: UNKNOWN UNKNOWN
Truck/Bus Clsf: NOT ENTERED

MAY-05-2003 MON 09:48 AM Persons Killed: 0 Persons Injured: 1 Extent of Injuries: C Case: 2003-30918176
Accident Class: INJURY Police Agency:HAVERSTRAW TOWN PD Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: STOP SIGN
Manner of Collision: RIGHT ANGLE Weather: CLOUDY
Road Surface Collision: DRY Road Char: STRAIGHT AT HILLCREST Light Condition: DAYLIGHT
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: UNKNOWN State of Registration: NY
Num of Occupants: 2 Drivers Age: 33 Sex: FEMALE Citation Issued: NO
Direction of Travel: WEST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: MAKING LEFT TURN
Apparent Factors: UNKNOWN UNKNOWN

Veh: 2 CAR/VAN/PICKUP Registered Weight: 3181 State of Registration: NY
Num of Occupants: 1 Drivers Age: 42 Sex: FEMALE Citation Issued: NO
Direction of Travel: NORTH Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: GOING STRAIGHT AHEAD

NYSDOT Safety Information Management System
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Complete Accident Data From NYSDMV Is Only Available thru 31-DEC-2007

Route: 202 Highway Location Ref Mrkr Range: 202 85011053 - 202 85011104 Dates: 01-JAN-2003 - 31-DEC-2007

*** Ref Mrkr: 45 8501 1085 INTERSECTION ACCIDENTS - JCT US 202 & NY 45 *** (Continued)

Apparent Factors: UNKNOWN UNKNOWN

MAY-23-2003 FRI 04:40 PM Case: 2003-30547377
Accident Class: NON-REPORTABLE Police Agency:NOT ENTERED Num of Veh: 2

JUN-17-2003 TUE 08:12 PM Persons Killed: 0 Persons Injured: 0 Extent of Injuries: Case: 2003-30930896
Accident Class: PROPERTY DAMAGE Police Agency:NOT ENTERED Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: STOP SIGN
Manner of Collision: LEFT TURN (WITH OTHER CAR) Weather: CLOUDY
Road Surface Collision: DRY Road Char: STRAIGHT/ GRADE Light Condition: DUSK
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: 2908 State of Registration: NY
Num of Occupants: 1 Drivers Age: 18 Sex: FEMALE Citation Issued: NO
Direction of Travel: SOUTH-WEST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: MAKING LEFT TURN
Apparent Factors: UNKNOWN UNKNOWN

Veh: 2 CAR/VAN/PICKUP Registered Weight: 5345 State of Registration: NY
Num of Occupants: 1 Drivers Age: 41 Sex: MALE Citation Issued: NO
Direction of Travel: SOUTH Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: GOING STRAIGHT AHEAD
Apparent Factors: UNKNOWN UNKNOWN

NOV-03-2003 MON 06:09 PM Persons Killed: 0 Persons Injured: 1 Extent of Injuries: C Case: 2003-31065819
Accident Class: INJURY Police Agency:HAVERSTRAW TOWN PD Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: TRAFFIC SIGNAL
Manner of Collision: HEAD ON Weather: CLEAR
Road Surface Collision: DRY Road Char: STRAIGHT AND LEVEL Light Condition: DARK-ROAD UNLIGHTED
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: 3625 State of Registration: NY
Num of Occupants: 1 Drivers Age: 34 Sex: FEMALE Citation Issued: NO
Direction of Travel: WEST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: MAKING LEFT TURN
Apparent Factors: UNKNOWN UNKNOWN

Veh: 2 CAR/VAN/PICKUP Registered Weight: 4736 State of Registration: NY
Num of Occupants: 1 Drivers Age: 39 Sex: MALE Citation Issued: NO
Direction of Travel: EAST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: GOING STRAIGHT AHEAD
Apparent Factors: UNKNOWN UNKNOWN

NYSDOT Safety Information Management System
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Route: 202 Highway Location Ref Mrkr Range: 202 85011053 - 202 85011104 Dates: 01-JAN-2003 - 31-DEC-2007

*** Ref Mrkr: 45 8501 1085 INTERSECTION ACCIDENTS - JCT US 202 & NY 45 *** (Continued)

NOV-17-2003 MON 03:38 PM Persons Killed: 0 Persons Injured: 1 Extent of Injuries: A Case: 2003-31057700
Accident Class: INJURY Police Agency:HAVERSTRAW TOWN PD Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: TRAFFIC SIGNAL
Manner of Collision: REAR END Weather: RAIN
Road Surface Collision: WET Road Char: STRAIGHT/ GRADE Light Condition: DAYLIGHT
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: 2394 State of Registration: NY
Num of Occupants: 1 Drivers Age: 53 Sex: FEMALE Citation Issued: NO
Direction of Travel: NORTH Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: GOING STRAIGHT AHEAD
Apparent Factors: UNKNOWN UNKNOWN

Veh: 2 CAR/VAN/PICKUP Registered Weight: 3457 State of Registration: NY
Num of Occupants: 1 Drivers Age: 61 Sex: FEMALE Citation Issued: NO
Direction of Travel: NORTH Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: STOPPED IN TRAFFIC
Apparent Factors: FOLLOWING TOO CLOSELY UNKNOWN

NOV-19-2003 WED Persons Killed: 0 Persons Injured: 0 Extent of Injuries: Case: 2003-31056169
Accident Class: PROPERTY DAMAGE Police Agency:NOT ENTERED Num of Veh: 1
Type of Accident: COLLISION WITH OTHER Traffic Control: UNKNOWN
Manner of Collision: OTHER Weather: CLOUDY
Road Surface Collision: UNKNOWN Road Char: CURVE AND LEVEL Light Condition: UNKNOWN
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: 3027 State of Registration: NY
Num of Occupants: 1 Drivers Age: 63 Sex: FEMALE Citation Issued: NO
Direction of Travel: NORTH-WEST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: MAKING LEFT TURN
Apparent Factors: UNKNOWN UNKNOWN

DEC-28-2003 SUN 07:03 PM Persons Killed: 0 Persons Injured: 2 Extent of Injuries: AA Case: 2003-31077214
Accident Class: PROPERTY DAMAGE AND INJURY Police Agency:NOT ENTERED Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: UNKNOWN
Manner of Collision: RIGHT ANGLE Weather: UNKNOWN
Road Surface Collision: UNKNOWN Road Char: UNKNOWN Light Condition: UNKNOWN
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: 3006 State of Registration: NY
Num of Occupants: 2 Drivers Age: 76 Sex: MALE Citation Issued: NO
Direction of Travel: UNKNOWN Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: UNKNOWN

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Route: 202 Highway Location Ref Mrkr Range: 202 85011053 - 202 85011104 Dates: 01-JAN-2003 - 31-DEC-2007

*** Ref Mrkr: 45 8501 1085 INTERSECTION ACCIDENTS - JCT US 202 & NY 45 *** (Continued)

Apparent Factors: UNKNOWN UNKNOWN

Veh: 2 CAR/VAN/PICKUP Registered Weight: 4050 State of Registration: NY
Num of Occupants: 1 Drivers Age: 43 Sex: MALE Citation Issued: NO
Direction of Travel: UNKNOWN Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: UNKNOWN
Apparent Factors: UNKNOWN UNKNOWN

JUN-18-2004 FRI 03:30 PM Persons Killed: 0 Persons Injured: 0 Extent of Injuries: Case: 2004-31229484
Accident Class: PROPERTY DAMAGE Police Agency:NOT ENTERED Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: TRAFFIC SIGNAL
Manner of Collision: REAR END Weather: CLEAR
Road Surface Collision: DRY Road Char: STRAIGHT AT HILLCREST Light Condition: UNKNOWN
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: 3812 State of Registration: NY
Num of Occupants: 1 Drivers Age: 25 Sex: FEMALE Citation Issued: NO
Direction of Travel: NORTH-EAST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: STOPPED IN TRAFFIC
Apparent Factors: UNKNOWN UNKNOWN

Veh: 2 CAR/VAN/PICKUP Registered Weight: 3203 State of Registration: NY
Num of Occupants: 1 Drivers Age: 104 Sex: UNKNOWN Citation Issued: NO
Direction of Travel: NORTH-EAST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: GOING STRAIGHT AHEAD
Apparent Factors: UNKNOWN UNKNOWN

OCT-16-2004 SAT 04:55 PM Persons Killed: 0 Persons Injured: 1 Extent of Injuries: C Case: 2004-31150662
Accident Class: INJURY Police Agency:PALISADES SP Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: TRAFFIC SIGNAL
Manner of Collision: REAR END Weather: CLEAR
Road Surface Collision: DRY Road Char: STRAIGHT AND LEVEL Light Condition: DAYLIGHT
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: 3794 State of Registration: NY
Num of Occupants: 1 Drivers Age: 25 Sex: FEMALE Citation Issued: NO
Direction of Travel: WEST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: GOING STRAIGHT AHEAD
Apparent Factors: FOLLOWING TOO CLOSELY NOT APPLICABLE

Veh: 2 CAR/VAN/PICKUP Registered Weight: 2892 State of Registration: NY
Num of Occupants: 2 Drivers Age: 46 Sex: FEMALE Citation Issued: NO
Direction of Travel: WEST Public Property Damage: NO School Bus Involved: NO

Route: 202 Highway Location Ref Mrkr Range: 202 85011053 - 202 85011104 Dates: 01-JAN-2003 - 31-DEC-2007

*** Ref Mrkr: 45 8501 1085 INTERSECTION ACCIDENTS - JCT US 202 & NY 45 *** (Continued)

Pre-Accd Action: STOPPED IN TRAFFIC
Apparent Factors: NOT APPLICABLE NOT APPLICABLE

DEC-13-2004 MON 05:15 AM Persons Killed: 0 Persons Injured: 0 Extent of Injuries: Case: 2004-31377962
Accident Class: PROPERTY DAMAGE Police Agency:NOT ENTERED Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: UNKNOWN
Manner of Collision: RIGHT TURN (AGAINST OTHER CAR) Weather: UNKNOWN
Road Surface Collision: UNKNOWN Road Char: UNKNOWN Light Condition: UNKNOWN
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: 2519 State of Registration: NY
Num of Occupants: 1 Drivers Age: 41 Sex: MALE Citation Issued: NO
Direction of Travel: UNKNOWN Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: UNKNOWN
Apparent Factors: UNKNOWN UNKNOWN

Veh: 2 CAR/VAN/PICKUP Registered Weight: 4627 State of Registration: NY
Num of Occupants: 1 Drivers Age: 42 Sex: MALE Citation Issued: NO
Direction of Travel: UNKNOWN Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: UNKNOWN
Apparent Factors: UNKNOWN UNKNOWN

JAN-25-2005 TUE 10:30 AM Persons Killed: 0 Persons Injured: 0 Extent of Injuries: Case: 2005-31757699
Accident Class: PROPERTY DAMAGE Police Agency:NOT ENTERED Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: TRAFFIC SIGNAL
Manner of Collision: UNKNOWN Weather: CLEAR
Road Surface Collision: DRY Road Char: STRAIGHT AND LEVEL Light Condition: DAYLIGHT
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: 3964 State of Registration: NY
Num of Occupants: 1 Drivers Age: 52 Sex: FEMALE Citation Issued: NO
Direction of Travel: NORTH-EAST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: GOING STRAIGHT AHEAD
Apparent Factors: UNKNOWN UNKNOWN

Veh: 2 CAR/VAN/PICKUP Registered Weight: 3027 State of Registration: NY
Num of Occupants: 1 Drivers Age: 49 Sex: MALE Citation Issued: NO
Direction of Travel: SOUTH-WEST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: MAKING LEFT TURN
Apparent Factors: UNKNOWN UNKNOWN

APR-20-2005 WED 01:00 PM Persons Killed: 0 Persons Injured: 1 Extent of Injuries: C Case: 2005-31455145
Accident Class: INJURY Police Agency:HAVERSTRAW TOWN PD Num of Veh: 2

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*** Ref Mrkr: 45 8501 1085 INTERSECTION ACCIDENTS - JCT US 202 & NY 45 *** (Continued)

Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: TRAFFIC SIGNAL
Manner of Collision: REAR END Weather: CLEAR
Road Surface Collision: DRY Road Char: STRAIGHT/ GRADE Light Condition: DAYLIGHT
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: 3040 State of Registration: NY
Num of Occupants: 1 Drivers Age: 42 Sex: FEMALE Citation Issued: NO
Direction of Travel: NORTH Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: STOPPED IN TRAFFIC
Apparent Factors: NOT APPLICABLE NOT APPLICABLE

Veh: 2 CAR/VAN/PICKUP Registered Weight: 4033 State of Registration: NY
Num of Occupants: 1 Drivers Age: 30 Sex: MALE Citation Issued: YES
Direction of Travel: NORTH Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: GOING STRAIGHT AHEAD
Apparent Factors: DRIVER INATTENTION NOT APPLICABLE

APR-27-2005 WED 05:15 PM Persons Killed: 0 Persons Injured: 1 Extent of Injuries: C Case: 2005-31473121
Accident Class: INJURY Police Agency:HAVERSTRAW TOWN PD Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: TRAFFIC SIGNAL
Manner of Collision: HEAD ON Weather: CLEAR
Road Surface Collision: DRY Road Char: STRAIGHT AND LEVEL Light Condition: DAYLIGHT
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 MOTORCYCLE Registered Weight: 355 State of Registration: NY
Num of Occupants: 1 Drivers Age: 19 Sex: MALE Citation Issued: NO
Direction of Travel: WEST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: GOING STRAIGHT AHEAD
Apparent Factors: DRIVER INEXPERIENCE UNKNOWN

Veh: 2 CAR/VAN/PICKUP Registered Weight: 2245 State of Registration: NY
Num of Occupants: 1 Drivers Age: 41 Sex: FEMALE Citation Issued: NO
Direction of Travel: EAST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: MAKING LEFT TURN
Apparent Factors: DRIVER INATTENTION UNKNOWN

MAY-21-2005 SAT 06:35 PM Persons Killed: 0 Persons Injured: 2 Extent of Injuries: AC Case: 2005-31480670
Accident Class: PROPERTY DAMAGE AND INJURY Police Agency:HAVERSTRAW TOWN PD Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: NONE
Manner of Collision: LEFT TURN (AGAINST OTHER CAR) Weather: CLEAR
Road Surface Collision: DRY Road Char: STRAIGHT AND LEVEL Light Condition: DAYLIGHT
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

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Route: 202 Highway Location Ref Mrkr Range: 202 85011053 - 202 85011104 Dates: 01-JAN-2003 - 31-DEC-2007

*** Ref Mrkr: 45 8501 1085 INTERSECTION ACCIDENTS - JCT US 202 & NY 45 *** (Continued)

Veh: 1 CAR/VAN/PICKUP Registered Weight: 2793 State of Registration: NY
Num of Occupants: 2 Drivers Age: 54 Sex: MALE Citation Issued: NO
Direction of Travel: EAST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: GOING STRAIGHT AHEAD
Apparent Factors: NOT APPLICABLE NOT APPLICABLE

Veh: 2 CAR/VAN/PICKUP Registered Weight: 2380 State of Registration: NY
Num of Occupants: 1 Drivers Age: 30 Sex: MALE Citation Issued: NO
Direction of Travel: WEST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: MAKING LEFT TURN
Apparent Factors: UNSAFE LANE CHANGE NOT APPLICABLE

MAY-31-2005 TUE 05:30 PM Persons Killed: 0 Persons Injured: 0 Extent of Injuries: Case: 2005-31565168
Accident Class: PROPERTY DAMAGE Police Agency:NOT ENTERED Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: NONE
Manner of Collision: RIGHT TURN (AGAINST OTHER CAR) Weather: CLEAR
Road Surface Collision: DRY Road Char: CURVE AND LEVEL Light Condition: UNKNOWN
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: 3872 State of Registration: NY
Num of Occupants: 1 Drivers Age: 33 Sex: FEMALE Citation Issued: NO
Direction of Travel: EAST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: GOING STRAIGHT AHEAD
Apparent Factors: UNKNOWN UNKNOWN

Veh: 2 CAR/VAN/PICKUP Registered Weight: 3395 State of Registration: NY
Num of Occupants: 1 Drivers Age: 17 Sex: MALE Citation Issued: NO
Direction of Travel: EAST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: MAKING RIGHT TURN
Apparent Factors: UNKNOWN UNKNOWN

JUN-09-2005 THU 06:15 PM Persons Killed: 0 Persons Injured: 1 Extent of Injuries: C Case: 2005-31497574
Accident Class: INJURY Police Agency:HAVERSTRAW TOWN PD Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: STOP SIGN
Manner of Collision: RIGHT ANGLE Weather: CLEAR
Road Surface Collision: DRY Road Char: STRAIGHT/ GRADE Light Condition: DAYLIGHT
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: 3583 State of Registration: NY
Num of Occupants: 1 Drivers Age: 30 Sex: MALE Citation Issued: YES
Direction of Travel: SOUTH-EAST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: MAKING LEFT TURN
Apparent Factors: FAILURE TO YIELD RIGHT OF WAY VIEW OBSTRUCTED/LIMITED

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*** Ref Mrkr: 45 8501 1085 INTERSECTION ACCIDENTS - JCT US 202 & NY 45 *** (Continued)

Veh: 2 CAR/VAN/PICKUP Registered Weight: 3120 State of Registration: NY
Num of Occupants: 1 Drivers Age: 17 Sex: MALE Citation Issued: NO
Direction of Travel: NORTH Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: GOING STRAIGHT AHEAD
Apparent Factors: UNKNOWN UNKNOWN

JUN-29-2005 WED 03:30 PM Persons Killed: 0 Persons Injured: 0 Extent of Injuries: Case: 2005-31544014
Accident Class: NON-REPORTABLE Police Agency:HAVERSTRAW TOWN PD Num of Veh: 1
Type of Accident: COLLISION WITH BUILDING/WALL Traffic Control: NONE
Manner of Collision: OTHER Weather: RAIN
Road Surface Collision: WET Road Char: STRAIGHT AND LEVEL Light Condition: DAYLIGHT
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 OTHER Registered Weight: UNKNOWN State of Registration: NY
Num of Occupants: 1 Drivers Age: 38 Sex: UNKNOWN Citation Issued: NO
Direction of Travel: SOUTH Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: GOING STRAIGHT AHEAD
Apparent Factors: DRIVER INATTENTION FATIGUED/DROWSY

JUL-03-2005 SUN 10:30 AM Persons Killed: 0 Persons Injured: 1 Extent of Injuries: C Case: 2005-31545067
Accident Class: INJURY Police Agency:HAVERSTRAW TOWN PD Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: TRAFFIC SIGNAL
Manner of Collision: REAR END Weather: CLEAR
Road Surface Collision: DRY Road Char: STRAIGHT/ GRADE Light Condition: DAYLIGHT
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: 2874 State of Registration: NY
Num of Occupants: 1 Drivers Age: 36 Sex: FEMALE Citation Issued: NO
Direction of Travel: NORTH Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: MAKING RIGHT TURN
Apparent Factors: UNKNOWN UNKNOWN

Veh: 2 CAR/VAN/PICKUP Registered Weight: 2414 State of Registration: NY
Num of Occupants: 1 Drivers Age: 17 Sex: FEMALE Citation Issued: YES
Direction of Travel: NORTH Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: MAKING RIGHT TURN
Apparent Factors: FOLLOWING TOO CLOSELY DRIVER INEXPERIENCE

OCT-07-2005 FRI 05:20 PM Persons Killed: 0 Persons Injured: 0 Extent of Injuries: Case: 2005-31660198
Accident Class: PROPERTY DAMAGE Police Agency:NOT ENTERED Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: STOP SIGN
Manner of Collision: RIGHT ANGLE Weather: RAIN

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*** Ref Mrkr: 45 8501 1085 INTERSECTION ACCIDENTS - JCT US 202 & NY 45 *** (Continued)

Road Surface Collision: WET Road Char: STRAIGHT AT HILLCREST Light Condition: DUSK
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: 2519 State of Registration: NY
Num of Occupants: 3 Drivers Age: 40 Sex: MALE Citation Issued: NO
Direction of Travel: NORTH Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: GOING STRAIGHT AHEAD
Apparent Factors: UNKNOWN UNKNOWN

Veh: 2 CAR/VAN/PICKUP Registered Weight: 2573 State of Registration: NY
Num of Occupants: 1 Drivers Age: 21 Sex: MALE Citation Issued: NO
Direction of Travel: WEST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: MAKING LEFT TURN
Apparent Factors: UNKNOWN UNKNOWN

OCT-26-2005 WED 08:20 AM Persons Killed: 0 Persons Injured: 1 Extent of Injuries: C Case: 2005-31632451
Accident Class: PROPERTY DAMAGE AND INJURY Police Agency:HAVERSTRAW TOWN PD Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: NONE
Manner of Collision: RIGHT ANGLE Weather: CLEAR
Road Surface Collision: WET Road Char: STRAIGHT AT HILLCREST Light Condition: DAYLIGHT
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: 3003 State of Registration: NY
Num of Occupants: 1 Drivers Age: 84 Sex: MALE Citation Issued: NO
Direction of Travel: NORTH Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: GOING STRAIGHT AHEAD
Apparent Factors: UNKNOWN UNKNOWN

Veh: 2 CAR/VAN/PICKUP Registered Weight: 3618 State of Registration: NY
Num of Occupants: 1 Drivers Age: 54 Sex: FEMALE Citation Issued: NO
Direction of Travel: WEST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: MAKING LEFT TURN
Apparent Factors: NOT APPLICABLE UNKNOWN

OCT-31-2005 MON 04:30 PM Persons Killed: 0 Persons Injured: 2 Extent of Injuries: CC Case: 2005-31662846
Accident Class: PROPERTY DAMAGE AND INJURY Police Agency:HAVERSTRAW TOWN PD Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: TRAFFIC SIGNAL
Manner of Collision: REAR END Weather: CLEAR
Road Surface Collision: DRY Road Char: STRAIGHT AND LEVEL Light Condition: DUSK
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: 3322 State of Registration: NY
Num of Occupants: 2 Drivers Age: 41 Sex: FEMALE Citation Issued: NO

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*** Ref Mrkr: 45 8501 1085 INTERSECTION ACCIDENTS - JCT US 202 & NY 45 *** (Continued)

Direction of Travel: WEST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: STOPPED IN TRAFFIC
Apparent Factors: UNKNOWN UNKNOWN

Veh: 2 TRUCK Registered Weight: UNKNOWN State of Registration: NJ
Num of Occupants: 1 Drivers Age: 49 Sex: MALE Citation Issued: NO
Direction of Travel: WEST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: STARTING IN TRAFFIC
Apparent Factors: DRIVER INATTENTION GLARE
Truck/Bus Clsf: NOT ENTERED

NOV-13-2005 SUN 05:25 PM Persons Killed: 0 Persons Injured: 0 Extent of Injuries: Case: 2005-31724493
Accident Class: PROPERTY DAMAGE Police Agency:NOT ENTERED Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: TRAFFIC SIGNAL
Manner of Collision: LEFT TURN (AGAINST OTHER CAR) Weather: CLEAR
Road Surface Collision: DRY Road Char: STRAIGHT AND LEVEL Light Condition: DARK-ROAD LIGHTED
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: 2434 State of Registration: NY
Num of Occupants: 1 Drivers Age: 57 Sex: MALE Citation Issued: NO
Direction of Travel: EAST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: GOING STRAIGHT AHEAD
Apparent Factors: UNKNOWN UNKNOWN

Veh: 2 CAR/VAN/PICKUP Registered Weight: 4310 State of Registration: NY
Num of Occupants: 3 Drivers Age: 36 Sex: FEMALE Citation Issued: NO
Direction of Travel: SOUTH-WEST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: MAKING LEFT TURN
Apparent Factors: UNKNOWN UNKNOWN

DEC-08-2005 THU 07:00 AM Persons Killed: 0 Persons Injured: 0 Extent of Injuries: Case: 2005-31698730
Accident Class: PROPERTY DAMAGE Police Agency:NOT ENTERED Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: NONE
Manner of Collision: RIGHT ANGLE Weather: CLEAR
Road Surface Collision: DRY Road Char: STRAIGHT AT HILLCREST Light Condition: DAYLIGHT
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: 2703 State of Registration: NY
Num of Occupants: 1 Drivers Age: 44 Sex: FEMALE Citation Issued: NO
Direction of Travel: NORTH Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: GOING STRAIGHT AHEAD
Apparent Factors: UNKNOWN UNKNOWN

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*** Ref Mrkr: 45 8501 1085 INTERSECTION ACCIDENTS - JCT US 202 & NY 45 *** (Continued)

Veh: 2 CAR/VAN/PICKUP Registered Weight: 3355 State of Registration: NY
Num of Occupants: 1 Drivers Age: 55 Sex: FEMALE Citation Issued: NO
Direction of Travel: UNKNOWN Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: MAKING LEFT TURN
Apparent Factors: UNKNOWN UNKNOWN

DEC-15-2005 THU Persons Killed: 0 Persons Injured: 1 Extent of Injuries: C Case: 2005-31699915
Accident Class: INJURY Police Agency:NOT ENTERED Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: TRAFFIC SIGNAL
Manner of Collision: REAR END Weather: CLEAR
Road Surface Collision: DRY Road Char: STRAIGHT/ GRADE Light Condition: DAYLIGHT
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: 2593 State of Registration: NY
Num of Occupants: 1 Drivers Age: 25 Sex: FEMALE Citation Issued: NO
Direction of Travel: NORTH Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: STOPPED IN TRAFFIC
Apparent Factors: UNKNOWN UNKNOWN

Veh: 2 CAR/VAN/PICKUP Registered Weight: 2497 State of Registration: NY
Num of Occupants: 1 Drivers Age: UNKNOWN Sex: UNKNOWN Citation Issued: NO
Direction of Travel: NORTH Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: GOING STRAIGHT AHEAD
Apparent Factors: UNKNOWN UNKNOWN

JAN-18-2006 WED Persons Killed: 0 Persons Injured: 1 Extent of Injuries: C Case: 2006-31700587
Accident Class: INJURY Police Agency:NOT ENTERED Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: UNKNOWN
Manner of Collision: UNKNOWN Weather: UNKNOWN
Road Surface Collision: UNKNOWN Road Char: UNKNOWN Light Condition: UNKNOWN
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: 2952 State of Registration: NY
Num of Occupants: 1 Drivers Age: 31 Sex: FEMALE Citation Issued: NO
Direction of Travel: UNKNOWN Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: UNKNOWN
Apparent Factors: UNKNOWN UNKNOWN

Veh: 2 CAR/VAN/PICKUP Registered Weight: 2744 State of Registration: NY
Num of Occupants: 1 Drivers Age: 52 Sex: MALE Citation Issued: NO
Direction of Travel: UNKNOWN Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: UNKNOWN
Apparent Factors: UNKNOWN UNKNOWN

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FEB-13-2006 MON 11:13 AM Persons Killed: 0 Persons Injured: 1 Extent of Injuries: C Case: 2006-31752133
Accident Class: INJURY Police Agency:HAVERSTRAW TOWN PD Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: OTHER
Manner of Collision: UNKNOWN Weather: CLEAR
Road Surface Collision: DRY Road Char: STRAIGHT/ GRADE Light Condition: DAYLIGHT
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: 3120 State of Registration: NY
Num of Occupants: 1 Drivers Age: 31 Sex: FEMALE Citation Issued: YES
Direction of Travel: NORTH Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: MAKING RIGHT TURN
Apparent Factors: UNSAFE LANE CHANGE UNKNOWN

Veh: 2 CAR/VAN/PICKUP Registered Weight: 2508 State of Registration: NY
Num of Occupants: 1 Drivers Age: 65 Sex: FEMALE Citation Issued: NO
Direction of Travel: NORTH Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: MAKING RIGHT TURN
Apparent Factors: NOT APPLICABLE UNKNOWN

MAR-14-2006 TUE Persons Killed: 0 Persons Injured: 0 Extent of Injuries: Case: 2006-31813661
Accident Class: PROPERTY DAMAGE Police Agency:NOT ENTERED Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: UNKNOWN
Manner of Collision: HEAD ON Weather: UNKNOWN
Road Surface Collision: UNKNOWN Road Char: UNKNOWN Light Condition: UNKNOWN
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: 2687 State of Registration: NY
Num of Occupants: 1 Drivers Age: 45 Sex: MALE Citation Issued: NO
Direction of Travel: UNKNOWN Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: UNKNOWN
Apparent Factors: UNKNOWN UNKNOWN

Veh: 2 CAR/VAN/PICKUP Registered Weight: 3552 State of Registration: NY
Num of Occupants: 1 Drivers Age: 75 Sex: FEMALE Citation Issued: NO
Direction of Travel: UNKNOWN Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: UNKNOWN
Apparent Factors: UNKNOWN UNKNOWN

APR-08-2006 SAT 10:35 AM Persons Killed: 0 Persons Injured: 0 Extent of Injuries: Case: 2006-31823183
Accident Class: PROPERTY DAMAGE Police Agency:NOT ENTERED Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: NONE
Manner of Collision: RIGHT ANGLE Weather: RAIN
Road Surface Collision: WET Road Char: STRAIGHT/ GRADE Light Condition: DAYLIGHT
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

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*** Ref Mrkr: 45 8501 1085 INTERSECTION ACCIDENTS - JCT US 202 & NY 45 *** (Continued)

Veh: 1 CAR/VAN/PICKUP Registered Weight: 4178 State of Registration: NY
Num of Occupants: 2 Drivers Age: 49 Sex: FEMALE Citation Issued: NO
Direction of Travel: NORTH-EAST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: MAKING U TURN
Apparent Factors: UNKNOWN UNKNOWN

Veh: 2 CAR/VAN/PICKUP Registered Weight: 4010 State of Registration: NY
Num of Occupants: 1 Drivers Age: 44 Sex: MALE Citation Issued: NO
Direction of Travel: EAST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: GOING STRAIGHT AHEAD
Apparent Factors: UNKNOWN UNKNOWN

APR-10-2006 MON 05:38 PM Persons Killed: 0 Persons Injured: 2 Extent of Injuries: BC Case: 2006-31792594
Accident Class: PROPERTY DAMAGE AND INJURY Police Agency:HAVERSTRAW TOWN PD Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: STOP SIGN
Manner of Collision: RIGHT ANGLE Weather: CLEAR
Road Surface Collision: DRY Road Char: STRAIGHT AT HILLCREST Light Condition: DAYLIGHT
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: 4038 State of Registration: NY
Num of Occupants: 1 Drivers Age: 25 Sex: FEMALE Citation Issued: NO
Direction of Travel: NORTH Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: GOING STRAIGHT AHEAD
Apparent Factors: NOT APPLICABLE UNKNOWN

Veh: 2 CAR/VAN/PICKUP Registered Weight: 3367 State of Registration: NY
Num of Occupants: 3 Drivers Age: 22 Sex: MALE Citation Issued: NO
Direction of Travel: SOUTH-WEST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: MAKING LEFT TURN
Apparent Factors: UNKNOWN UNKNOWN

MAY-09-2006 TUE 08:00 PM Persons Killed: 0 Persons Injured: 1 Extent of Injuries: C Case: 2006-31820521
Accident Class: INJURY Police Agency:RENSSELAER CO SHERIFF DEPT Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: TRAFFIC SIGNAL
Manner of Collision: REAR END Weather: RAIN
Road Surface Collision: WET Road Char: STRAIGHT AND LEVEL Light Condition: DUSK
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: 3014 State of Registration: NY
Num of Occupants: 1 Drivers Age: 19 Sex: FEMALE Citation Issued: NO
Direction of Travel: WEST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: STOPPED IN TRAFFIC

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*** Ref Mrkr: 45 8501 1085 INTERSECTION ACCIDENTS - JCT US 202 & NY 45 *** (Continued)

Apparent Factors: NOT APPLICABLE UNKNOWN

Veh: 2 CAR/VAN/PICKUP Registered Weight: 3028 State of Registration: NY
Num of Occupants: 2 Drivers Age: 26 Sex: FEMALE Citation Issued: NO
Direction of Travel: WEST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: SLOWED OR STOPPING
Apparent Factors: FOLLOWING TOO CLOSELY UNKNOWN

MAY-25-2006 THU 11:20 PM Persons Killed: 0 Persons Injured: 0 Extent of Injuries: Case: 2006-31844785
Accident Class: PROPERTY DAMAGE Police Agency:NOT ENTERED Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: TRAFFIC SIGNAL
Manner of Collision: OVERTAKING Weather: CLEAR
Road Surface Collision: DRY Road Char: STRAIGHT AND LEVEL Light Condition: UNKNOWN
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: 2864 State of Registration: NY
Num of Occupants: 1 Drivers Age: 18 Sex: FEMALE Citation Issued: NO
Direction of Travel: EAST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: GOING STRAIGHT AHEAD
Apparent Factors: UNKNOWN UNKNOWN

Veh: 2 CAR/VAN/PICKUP Registered Weight: 3158 State of Registration: NY
Num of Occupants: 1 Drivers Age: 36 Sex: MALE Citation Issued: NO
Direction of Travel: WEST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: MAKING LEFT TURN
Apparent Factors: UNKNOWN UNKNOWN

MAY-27-2006 SAT 02:48 AM Persons Killed: 0 Persons Injured: 1 Extent of Injuries: C Case: 2006-31832727
Accident Class: INJURY Police Agency:HAVERSTRAW TOWN PD Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: TRAFFIC SIGNAL
Manner of Collision: REAR END Weather: FOG/SMOG/SMOKE
Road Surface Collision: DRY Road Char: STRAIGHT/ GRADE Light Condition: DARK-ROAD LIGHTED
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: 2789 State of Registration: NY
Num of Occupants: 1 Drivers Age: 22 Sex: FEMALE Citation Issued: NO
Direction of Travel: NOT ENTERED Public Property Damage: YES School Bus Involved: NO
Pre-Accd Action: STOPPED IN TRAFFIC
Apparent Factors: UNKNOWN UNKNOWN

Veh: 2 CAR/VAN/PICKUP Registered Weight: 4012 State of Registration: NY
Num of Occupants: 1 Drivers Age: 43 Sex: MALE Citation Issued: YES
Direction of Travel: EAST Public Property Damage: NO School Bus Involved: NO

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*** Ref Mrkr: 45 8501 1085 INTERSECTION ACCIDENTS - JCT US 202 & NY 45 *** (Continued)

Pre-Accd Action: GOING STRAIGHT AHEAD
Apparent Factors: ALCOHOL INVOLVEMENT FATIGUED/DROWSY

JUN-20-2006 TUE 06:00 PM Persons Killed: 0 Persons Injured: 1 Extent of Injuries: C Case: 2006-31860343
Accident Class: PROPERTY DAMAGE AND INJURY Police Agency:HAVERSTRAW TOWN PD Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: STOP SIGN
Manner of Collision: RIGHT ANGLE Weather: CLEAR
Road Surface Collision: DRY Road Char: STRAIGHT/ GRADE Light Condition: DAYLIGHT
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: 2693 State of Registration: NY
Num of Occupants: 1 Drivers Age: 23 Sex: FEMALE Citation Issued: NO
Direction of Travel: NORTH Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: GOING STRAIGHT AHEAD
Apparent Factors: NOT APPLICABLE UNKNOWN

Veh: 2 CAR/VAN/PICKUP Registered Weight: 3037 State of Registration: NY
Num of Occupants: 1 Drivers Age: 49 Sex: MALE Citation Issued: NO
Direction of Travel: WEST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: MAKING LEFT TURN
Apparent Factors: FAILURE TO YIELD RIGHT OF WAY UNKNOWN

JUL-11-2006 TUE 06:05 PM Persons Killed: 0 Persons Injured: 2 Extent of Injuries: CC Case: 2006-31848114
Accident Class: PROPERTY DAMAGE AND INJURY Police Agency:HAVERSTRAW TOWN PD Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: TRAFFIC SIGNAL
Manner of Collision: REAR END Weather: CLOUDY
Road Surface Collision: DRY Road Char: STRAIGHT/ GRADE Light Condition: DAYLIGHT
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: 3287 State of Registration: NY
Num of Occupants: 2 Drivers Age: 54 Sex: FEMALE Citation Issued: NO
Direction of Travel: NORTH Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: STOPPED IN TRAFFIC
Apparent Factors: UNKNOWN UNKNOWN

Veh: 2 CAR/VAN/PICKUP Registered Weight: UNKNOWN State of Registration: PA
Num of Occupants: 1 Drivers Age: 28 Sex: FEMALE Citation Issued: NO
Direction of Travel: NORTH Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: SLOWED OR STOPPING
Apparent Factors: BRAKES DEFECTIVE FOLLOWING TOO CLOSELY

NOV-12-2006 SUN 05:55 PM Persons Killed: 0 Persons Injured: 0 Extent of Injuries: Case: 2006-31972514
Accident Class: NON-REPORTABLE Police Agency:PALISADES SP Num of Veh: 2

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Route: 202 Highway Location Ref Mrkr Range: 202 85011053 - 202 85011104 Dates: 01-JAN-2003 - 31-DEC-2007

*** Ref Mrkr: 45 8501 1085 INTERSECTION ACCIDENTS - JCT US 202 & NY 45 *** (Continued)

Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: TRAFFIC SIGNAL
Manner of Collision: REAR END Weather: RAIN
Road Surface Collision: WET Road Char: STRAIGHT AND LEVEL Light Condition: DARK-ROAD LIGHTED
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: UNKNOWN State of Registration: NJ
Num of Occupants: 2 Drivers Age: 48 Sex: MALE Citation Issued: NO
Direction of Travel: EAST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: STOPPED IN TRAFFIC
Apparent Factors: NOT APPLICABLE NOT APPLICABLE

Veh: 2 CAR/VAN/PICKUP Registered Weight: UNKNOWN State of Registration: NY
Num of Occupants: 1 Drivers Age: 42 Sex: MALE Citation Issued: NO
Direction of Travel: EAST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: GOING STRAIGHT AHEAD
Apparent Factors: DRIVER INATTENTION NOT APPLICABLE

NOV-22-2006 WED 07:00 PM Persons Killed: 0 Persons Injured: 0 Extent of Injuries: Case: 2006-32003100
Accident Class: PROPERTY DAMAGE Police Agency:HAVERSTRAW TOWN PD Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: TRAFFIC SIGNAL
Manner of Collision: UNKNOWN Weather: CLOUDY
Road Surface Collision: WET Road Char: STRAIGHT AND LEVEL Light Condition: DARK-ROAD LIGHTED
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: 2996 State of Registration: NY
Num of Occupants: 1 Drivers Age: 69 Sex: MALE Citation Issued: NO
Direction of Travel: WEST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: GOING STRAIGHT AHEAD
Apparent Factors: LANE MARKING IMPROPER/INADEQUATE UNKNOWN

Veh: 2 CAR/VAN/PICKUP Registered Weight: 5280 State of Registration: NY
Num of Occupants: 4 Drivers Age: 43 Sex: FEMALE Citation Issued: NO
Direction of Travel: WEST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: CHANGING LANES
Apparent Factors: UNSAFE LANE CHANGE UNKNOWN

JAN-02-2007 TUE 10:20 AM Persons Killed: 0 Persons Injured: 0 Extent of Injuries: Case: 2007-32064803
Accident Class: PROPERTY DAMAGE Police Agency:HAVERSTRAW TOWN PD Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: NONE
Manner of Collision: UNKNOWN Weather: CLEAR
Road Surface Collision: DRY Road Char: STRAIGHT AND LEVEL Light Condition: DAYLIGHT
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

NYSDOT Safety Information Management System
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Route: 202 Highway Location Ref Mrkr Range: 202 85011053 - 202 85011104 Dates: 01-JAN-2003 - 31-DEC-2007

*** Ref Mrkr: 45 8501 1085 INTERSECTION ACCIDENTS - JCT US 202 & NY 45 *** (Continued)

Veh: 1 CAR/VAN/PICKUP — Registered Weight: 4627 — State of Registration: NY
Num of Occupants: 1 — Drivers Age: UNKNOWN — Sex: UNKNOWN — Citation Issued: NO
Direction of Travel: UNKNOWN — Public Property Damage: NO — School Bus Involved: NO
Pre-Accd Action: PARKED
Apparent Factors: UNKNOWN — UNKNOWN

Veh: 2 CAR/VAN/PICKUP — Registered Weight: 3835 — State of Registration: NY
Num of Occupants: 1 — Drivers Age: UNKNOWN — Sex: UNKNOWN — Citation Issued: NO
Direction of Travel: EAST — Public Property Damage: NO — School Bus Involved: NO
Pre-Accd Action: BACKING
Apparent Factors: BACKING UNSAFELY — UNKNOWN

JAN-30-2007 TUE 01:20 AM Persons Killed: 0 Persons Injured: 0 Extent of Injuries: Case: 2007-32091207
Accident Class: PROPERTY DAMAGE — Police Agency:HAVERSTRAW TOWN PD — Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE — Traffic Control: TRAFFIC SIGNAL
Manner of Collision: REAR END — Weather: CLOUDY
Road Surface Collision: DRY — Road Char: STRAIGHT AND LEVEL — Light Condition: DARK-ROAD LIGHTED
Loc. of Ped/Bicycle: NOT APPLICABLE — Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP — Registered Weight: 4320 — State of Registration: NY
Num of Occupants: 1 — Drivers Age: 39 — Sex: MALE — Citation Issued: NO
Direction of Travel: WEST — Public Property Damage: NO — School Bus Involved: NO
Pre-Accd Action: STOPPED IN TRAFFIC
Apparent Factors: UNKNOWN — UNKNOWN

Veh: 2 OTHER — Registered Weight: UNKNOWN — State of Registration: UNKNOWN
Num of Occupants: UNKNOWN — Drivers Age: UNKNOWN — Sex: UNKNOWN — Citation Issued: NO
Direction of Travel: WEST — Public Property Damage: NO — School Bus Involved: NO
Pre-Accd Action: BACKING
Apparent Factors: UNKNOWN — UNKNOWN

MAY-07-2007 MON 11:00 PM Persons Killed: 0 Persons Injured: 0 Extent of Injuries: Case: 2007-32191682
Accident Class: PROPERTY DAMAGE — Police Agency:HAVERSTRAW TOWN PD — Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE — Traffic Control: STOP SIGN
Manner of Collision: RIGHT ANGLE — Weather: CLEAR
Road Surface Collision: DRY — Road Char: STRAIGHT/ GRADE — Light Condition: DARK-ROAD LIGHTED
Loc. of Ped/Bicycle: NOT APPLICABLE — Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP — Registered Weight: 4563 — State of Registration: NY
Num of Occupants: 1 — Drivers Age: 27 — Sex: FEMALE — Citation Issued: NO
Direction of Travel: NORTH — Public Property Damage: NO — School Bus Involved: NO
Pre-Accd Action: GOING STRAIGHT AHEAD
Apparent Factors: NOT APPLICABLE — UNKNOWN

NYSDOT Safety Information Management System
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Route: 202 Highway Location Ref Mrkr Range: 202 85011053 - 202 85011104 Dates: 01-JAN-2003 - 31-DEC-2007

*** Ref Mrkr: 45 8501 1085 INTERSECTION ACCIDENTS - JCT US 202 & NY 45 *** (Continued)

Veh: 2 CAR/VAN/PICKUP Registered Weight: 3825 State of Registration: NY
Num of Occupants: 1 Drivers Age: 43 Sex: FEMALE Citation Issued: YES
Direction of Travel: WEST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: GOING STRAIGHT AHEAD
Apparent Factors: TRAFFIC CONTROL DEVICES DISREGARDED UNKNOWN

MAY-14-2007 MON 07:38 AM Persons Killed: 0 Persons Injured: 0 Extent of Injuries: Case: 2007-32208789
Accident Class: PROPERTY DAMAGE Police Agency:HAVERSTRAW TOWN PD Num of Veh: 1
Type of Accident: COLLISION WITH OTHER Traffic Control: TRAFFIC SIGNAL
Manner of Collision: OTHER Weather: CLEAR
Road Surface Collision: DRY Road Char: STRAIGHT AND LEVEL Light Condition: DAYLIGHT
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 TRUCK Registered Weight: UNKNOWN State of Registration: TX
Num of Occupants: 2 Drivers Age: 52 Sex: FEMALE Citation Issued: NO
Direction of Travel: SOUTH-EAST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: MAKING RIGHT TURN
Apparent Factors: TURNING IMPROPER UNKNOWN
Truck/Bus Clsf: NOT ENTERED

AUG-07-2007 TUE 04:00 PM Persons Killed: 0 Persons Injured: 0 Extent of Injuries: Case: 2007-32287134
Accident Class: PROPERTY DAMAGE Police Agency:HAVERSTRAW TOWN PD Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: TRAFFIC SIGNAL
Manner of Collision: RIGHT TURN (AGAINST OTHER CAR) Weather: CLEAR
Road Surface Collision: DRY Road Char: STRAIGHT AND LEVEL Light Condition: DAYLIGHT
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: 3018 State of Registration: NY
Num of Occupants: 1 Drivers Age: 17 Sex: FEMALE Citation Issued: NO
Direction of Travel: EAST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: GOING STRAIGHT AHEAD
Apparent Factors: UNKNOWN UNKNOWN

Veh: 2 CAR/VAN/PICKUP Registered Weight: 3000 State of Registration: NY
Num of Occupants: 1 Drivers Age: 18 Sex: FEMALE Citation Issued: NO
Direction of Travel: NORTH-EAST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: MAKING RIGHT TURN ON RED
Apparent Factors: FAILURE TO YIELD RIGHT OF WAY DRIVER INATTENTION

*** Ref Mrkr: 202 8501 1092 INTERSECTION ACCIDENTS - INVALID INTERSECTION NUMBER 99 ***

FEB-22-2003 SAT 02:30 PM Persons Killed: 0 Persons Injured: 2 Extent of Injuries: CC Case: 2003-30860330

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Route: 202 Highway Location Ref Mrkr Range: 202 85011053 - 202 85011104 Dates: 01-JAN-2003 - 31-DEC-2007

*** Ref Mrkr: 202 8501 1092 INTERSECTION ACCIDENTS - INVALID INTERSECTION NUMBER 99 *** (Continued)

Accident Class: INJURY | Police Agency:HAVERSTRAW TOWN PD | Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE | Traffic Control: TRAFFIC SIGNAL
Manner of Collision: REAR END | Weather: CLOUDY
Road Surface Collision: DRY | Road Char: STRAIGHT AND LEVEL | Light Condition: DAYLIGHT
Loc. of Ped/Bicycle: NOT APPLICABLE | Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP | Registered Weight: 2729 | State of Registration: NY
Num of Occupants: 2 | Drivers Age: 67 | Sex: FEMALE | Citation Issued: NO
Direction of Travel: WEST | Public Property Damage: NO | School Bus Involved: NO
Pre-Accd Action: STOPPED IN TRAFFIC
Apparent Factors: NOT APPLICABLE | NOT APPLICABLE

Veh: 2 CAR/VAN/PICKUP | Registered Weight: 4587 | State of Registration: NY
Num of Occupants: 1 | Drivers Age: 48 | Sex: MALE | Citation Issued: NO
Direction of Travel: WEST | Public Property Damage: NO | School Bus Involved: NO
Pre-Accd Action: SLOWED OR STOPPING
Apparent Factors: UNKNOWN | UNKNOWN

*** Ref Mrkr: 202 8501 1092 INTERSECTION ACCIDENTS - INVALID INTERSECTION NUMBER 00 ***

AUG-29-2004 SUN 09:50 AM | Case: 2004-31256402
Accident Class: NON-REPORTABLE | Police Agency:HAVERSTRAW TOWN PD | Num of Veh: 2

OCT-15-2004 FRI 10:28 PM Persons Killed: 0 Persons Injured: 2 Extent of Injuries: CC | Case: 2004-31291295
Accident Class: INJURY | Police Agency:HAVERSTRAW TOWN PD | Num of Veh: 3
Type of Accident: COLLISION WITH MOTOR VEHICLE | Traffic Control: TRAFFIC SIGNAL
Manner of Collision: OTHER | Weather: CLOUDY
Road Surface Collision: WET | Road Char: STRAIGHT AND LEVEL | Light Condition: DARK-ROAD LIGHTED
Loc. of Ped/Bicycle: NOT APPLICABLE | Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP | Registered Weight: 2271 | State of Registration: NY
Num of Occupants: 3 | Drivers Age: 19 | Sex: FEMALE | Citation Issued: NO
Direction of Travel: WEST | Public Property Damage: NO | School Bus Involved: NO
Pre-Accd Action: STOPPED IN TRAFFIC
Apparent Factors: UNKNOWN | UNKNOWN

Veh: 2 CAR/VAN/PICKUP | Registered Weight: 3285 | State of Registration: NY
Num of Occupants: 2 | Drivers Age: 50 | Sex: FEMALE | Citation Issued: NO
Direction of Travel: WEST | Public Property Damage: NO | School Bus Involved: NO
Pre-Accd Action: STOPPED IN TRAFFIC
Apparent Factors: UNKNOWN | UNKNOWN

Veh: 3 CAR/VAN/PICKUP | Registered Weight: UNKNOWN | State of Registration: UNKNOWN

NYSDOT Safety Information Management System
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Route: 202 Highway Location Ref Mrkr Range: 202 85011053 - 202 85011104 Dates: 01-JAN-2003 - 31-DEC-2007

*** Ref Mrkr: 202 8501 1092 INTERSECTION ACCIDENTS - INVALID INTERSECTION NUMBER 00 *** (Continued)

Num of Occupants: UNKNOWN Drivers Age: UNKNOWN Sex: UNKNOWN Citation Issued: NO
Direction of Travel: UNKNOWN Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: UNKNOWN
Apparent Factors: UNKNOWN UNKNOWN

NOV-20-2004 SAT 06:25 PM Persons Killed: 0 Persons Injured: 1 Extent of Injuries: C Case: 2004-31307186
Accident Class: INJURY Police Agency:HAVERSTRAW TOWN PD Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: NONE
Manner of Collision: REAR END Weather: RAIN
Road Surface Collision: WET Road Char: CURVE AND GRADE Light Condition: DARK-ROAD LIGHTED
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: 3026 State of Registration: NY
Num of Occupants: 1 Drivers Age: 37 Sex: FEMALE Citation Issued: NO
Direction of Travel: EAST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: SLOWED OR STOPPING
Apparent Factors: OTHER (HUMAN) UNKNOWN

Veh: 2 CAR/VAN/PICKUP Registered Weight: 2916 State of Registration: NY
Num of Occupants: 1 Drivers Age: 34 Sex: MALE Citation Issued: NO
Direction of Travel: EAST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: SLOWED OR STOPPING
Apparent Factors: PAVEMENT SLIPPERY UNKNOWN

JUL-13-2005 WED 09:00 AM Persons Killed: 0 Persons Injured: 1 Extent of Injuries: C Case: 2005-31549399
Accident Class: INJURY Police Agency:NOT ENTERED Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: TRAFFIC SIGNAL
Manner of Collision: LEFT TURN (WITH OTHER CAR) Weather: UNKNOWN
Road Surface Collision: UNKNOWN Road Char: UNKNOWN Light Condition: UNKNOWN
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: 4123 State of Registration: NY
Num of Occupants: 1 Drivers Age: 58 Sex: MALE Citation Issued: NO
Direction of Travel: EAST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: GOING STRAIGHT AHEAD
Apparent Factors: UNKNOWN UNKNOWN

Veh: 2 CAR/VAN/PICKUP Registered Weight: 3028 State of Registration: NY
Num of Occupants: 1 Drivers Age: 26 Sex: FEMALE Citation Issued: NO
Direction of Travel: WEST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: MAKING LEFT TURN
Apparent Factors: UNKNOWN UNKNOWN

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Route: 202 Highway Location Ref Mrkr Range: 202 85011053 - 202 85011104 Dates: 01-JAN-2003 - 31-DEC-2007

*** Ref Mrkr: 202 8501 1092 INTERSECTION ACCIDENTS - INVALID INTERSECTION NUMBER 00 *** (Continued)

JAN-25-2006 WED 11:45 AM Persons Killed: 0 Persons Injured: 2 Extent of Injuries: CC Case: 2006-31666104
Accident Class: INJURY Police Agency:PALISADES SP Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: TRAFFIC SIGNAL
Manner of Collision: LEFT TURN (AGAINST OTHER CAR) Weather: CLEAR
Road Surface Collision: DRY Road Char: STRAIGHT AND LEVEL Light Condition: DAYLIGHT
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: 3027 State of Registration: NY
Num of Occupants: 1 Drivers Age: 50 Sex: MALE Citation Issued: NO
Direction of Travel: SOUTH-WEST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: MAKING LEFT TURN
Apparent Factors: FAILURE TO YIELD RIGHT OF WAY NOT APPLICABLE

Veh: 2 CAR/VAN/PICKUP Registered Weight: 3964 State of Registration: NY
Num of Occupants: 1 Drivers Age: 53 Sex: FEMALE Citation Issued: NO
Direction of Travel: EAST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: GOING STRAIGHT AHEAD
Apparent Factors: NOT APPLICABLE NOT APPLICABLE

MAR-22-2006 WED 04:29 PM Persons Killed: 0 Persons Injured: 1 Extent of Injuries: C Case: 2006-31762948
Accident Class: INJURY Police Agency:HAVERSTRAW TOWN PD Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: TRAFFIC SIGNAL
Manner of Collision: REAR END Weather: CLEAR
Road Surface Collision: DRY Road Char: STRAIGHT/ GRADE Light Condition: DAYLIGHT
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: 2519 State of Registration: NY
Num of Occupants: 2 Drivers Age: 36 Sex: FEMALE Citation Issued: NO
Direction of Travel: NORTH Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: STOPPED IN TRAFFIC
Apparent Factors: UNKNOWN UNKNOWN

Veh: 2 CAR/VAN/PICKUP Registered Weight: 3247 State of Registration: NY
Num of Occupants: 1 Drivers Age: 47 Sex: FEMALE Citation Issued: NO
Direction of Travel: NORTH Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: UNKNOWN
Apparent Factors: UNKNOWN UNKNOWN

*** Ref Mrkr: 202 8501 1092 INTERSECTION ACCIDENTS - INVALID INTERSECTION NUMBER 33 ***

MAR-11-2006 SAT 06:55 PM Persons Killed: 0 Persons Injured: 3 Extent of Injuries: BCC Case: 2006-31746449
Accident Class: PROPERTY DAMAGE AND INJURY Police Agency:HAVERSTRAW TOWN PD Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: TRAFFIC SIGNAL

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Route: 202 Highway Location Ref Mrkr Range: 202 85011053 - 202 85011104 Dates: 01-JAN-2003 - 31-DEC-2007

*** Ref Mrkr: 202 8501 1092 INTERSECTION ACCIDENTS - INVALID INTERSECTION NUMBER 33 *** (Continued)

Manner of Collision: LEFT TURN (AGAINST OTHER CAR) Weather: CLEAR
Road Surface Collision: DRY Road Char: STRAIGHT AND LEVEL Light Condition: DARK-ROAD LIGHTED
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: 4870 State of Registration: NY
Num of Occupants: 4 Drivers Age: 38 Sex: FEMALE Citation Issued: NO
Direction of Travel: EAST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: GOING STRAIGHT AHEAD
Apparent Factors: UNKNOWN UNKNOWN

Veh: 2 CAR/VAN/PICKUP Registered Weight: 3049 State of Registration: NY
Num of Occupants: 1 Drivers Age: 85 Sex: FEMALE Citation Issued: NO
Direction of Travel: SOUTH-WEST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: MAKING LEFT TURN
Apparent Factors: UNKNOWN UNKNOWN

*** Ref Mrkr: 202 8501 1092 INTERSECTION ACCIDENTS - INVALID INTERSECTION NUMBER 53 ***

NOV-08-2006 WED 10:30 AM Persons Killed: 0 Persons Injured: 0 Extent of Injuries: Case: 2006-32008768
Accident Class: PROPERTY DAMAGE Police Agency:NOT ENTERED Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: TRAFFIC SIGNAL
Manner of Collision: REAR END Weather: RAIN
Road Surface Collision: WET Road Char: STRAIGHT AND LEVEL Light Condition: DAYLIGHT
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: 2904 State of Registration: NY
Num of Occupants: 1 Drivers Age: 20 Sex: FEMALE Citation Issued: NO
Direction of Travel: WEST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: SLOWED OR STOPPING
Apparent Factors: UNKNOWN UNKNOWN

Veh: 2 OTHER Registered Weight: UNKNOWN State of Registration: UNKNOWN
Num of Occupants: 1 Drivers Age: 67 Sex: MALE Citation Issued: NO
Direction of Travel: WEST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: STARTING IN TRAFFIC
Apparent Factors: UNKNOWN UNKNOWN

APR-10-2007 TUE 08:30 AM Persons Killed: 0 Persons Injured: 1 Extent of Injuries: C Case: 2007-32174848
Accident Class: INJURY Police Agency:NOT ENTERED Num of Veh: 4
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: TRAFFIC SIGNAL
Manner of Collision: OTHER Weather: CLEAR
Road Surface Collision: DRY Road Char: STRAIGHT AND LEVEL Light Condition: DAYLIGHT
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

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Route: 202 Highway Location Ref Mrkr Range: 202 85011053 - 202 85011104 Dates: 01-JAN-2003 - 31-DEC-2007

*** Ref Mrkr: 202 8501 1092 INTERSECTION ACCIDENTS - INVALID INTERSECTION NUMBER 53 *** (Continued)

Veh: 1 CAR/VAN/PICKUP Registered Weight: 4363 State of Registration: NY
Num of Occupants: 1 Drivers Age: 54 Sex: FEMALE Citation Issued: NO
Direction of Travel: WEST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: STOPPED IN TRAFFIC
Apparent Factors: UNKNOWN UNKNOWN

Veh: 2 CAR/VAN/PICKUP Registered Weight: 2984 State of Registration: NY
Num of Occupants: 1 Drivers Age: 48 Sex: FEMALE Citation Issued: NO
Direction of Travel: WEST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: GOING STRAIGHT AHEAD
Apparent Factors: UNKNOWN UNKNOWN

Veh: 3 CAR/VAN/PICKUP Registered Weight: 3776 State of Registration: NY
Num of Occupants: 1 Drivers Age: 23 Sex: FEMALE Citation Issued: NO
Direction of Travel: WEST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: STOPPED IN TRAFFIC
Apparent Factors: UNKNOWN UNKNOWN

Veh: 4 CAR/VAN/PICKUP Registered Weight: 3370 State of Registration: NY
Num of Occupants: 1 Drivers Age: 47 Sex: MALE Citation Issued: NO
Direction of Travel: WEST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: STOPPED IN TRAFFIC
Apparent Factors: UNKNOWN UNKNOWN

SEP-12-2007 WED 11:50 AM Persons Killed: 0 Persons Injured: 1 Extent of Injuries: C Case: 2007-32323282
Accident Class: INJURY Police Agency:HAVERSTRAW TOWN PD Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: TRAFFIC SIGNAL
Manner of Collision: REAR END Weather: CLEAR
Road Surface Collision: DRY Road Char: STRAIGHT AND LEVEL Light Condition: DAYLIGHT
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: 3049 State of Registration: NY
Num of Occupants: 2 Drivers Age: 31 Sex: FEMALE Citation Issued: NO
Direction of Travel: EAST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: STOPPED IN TRAFFIC
Apparent Factors: UNKNOWN UNKNOWN

Veh: 2 CAR/VAN/PICKUP Registered Weight: UNKNOWN State of Registration: FL
Num of Occupants: 2 Drivers Age: 71 Sex: MALE Citation Issued: NO
Direction of Travel: EAST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: UNKNOWN
Apparent Factors: UNKNOWN UNKNOWN

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Route: 202 Highway Location Ref Mrkr Range: 202 85011053 - 202 85011104 Dates: 01-JAN-2003 - 31-DEC-2007

*** Ref Mrkr: 202 8501 1093 NON-INTERSECTION ACCIDENTS ***

SEP-22-2005 THU 12:30 PM Persons Killed: 0 Persons Injured: 0 Extent of Injuries: Case: 2005-31698522
Accident Class: PROPERTY DAMAGE Police Agency:NOT ENTERED Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: NONE
Manner of Collision: LEFT TURN (WITH OTHER CAR) Weather: CLEAR
Road Surface Collision: DRY Road Char: STRAIGHT AND LEVEL Light Condition: DAYLIGHT
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: UNKNOWN State of Registration: NY
Num of Occupants: 1 Drivers Age: 47 Sex: FEMALE Citation Issued: NO
Direction of Travel: WEST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: MAKING LEFT TURN
Apparent Factors: UNKNOWN UNKNOWN

Veh: 2 CAR/VAN/PICKUP Registered Weight: 2442 State of Registration: NY
Num of Occupants: 1 Drivers Age: 19 Sex: FEMALE Citation Issued: NO
Direction of Travel: WEST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: MAKING LEFT TURN
Apparent Factors: UNKNOWN UNKNOWN

JUN-13-2006 TUE 10:00 PM Persons Killed: 0 Persons Injured: 2 Extent of Injuries: BC Case: 2006-31822666
Accident Class: PROPERTY DAMAGE AND INJURY Police Agency:HAVERSTRAW TOWN PD Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: NONE
Manner of Collision: HEAD ON Weather: CLEAR
Road Surface Collision: DRY Road Char: STRAIGHT AND LEVEL Light Condition: DARK-ROAD LIGHTED
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 OTHER Registered Weight: UNKNOWN State of Registration: NY
Num of Occupants: 1 Drivers Age: 63 Sex: MALE Citation Issued: NO
Direction of Travel: WEST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: GOING STRAIGHT AHEAD
Apparent Factors: NOT APPLICABLE NOT APPLICABLE

Veh: 2 CAR/VAN/PICKUP Registered Weight: 2384 State of Registration: NY
Num of Occupants: 1 Drivers Age: 29 Sex: FEMALE Citation Issued: NO
Direction of Travel: EAST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: MAKING LEFT TURN
Apparent Factors: DRIVER INATTENTION UNSAFE LANE CHANGE

SEP-12-2006 TUE 09:40 AM Persons Killed: 0 Persons Injured: 0 Extent of Injuries: Case: 2006-31904163
Accident Class: NON-REPORTABLE Police Agency:PALISADES SP Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: TRAFFIC SIGNAL
Manner of Collision: REAR END Weather: CLEAR

NYSDOT Safety Information Management System
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Complete Accident Data From NYSDMV Is Only Available thru 31-DEC-2007

Route: 202 Highway Location Ref Mrkr Range: 202 85011053 - 202 85011104 Dates: 01-JAN-2003 - 31-DEC-2007

*** Ref Mrkr: 202 8501 1093 NON-INTERSECTION ACCIDENTS *** (Continued)

Road Surface Collision: DRY Road Char: STRAIGHT AND LEVEL Light Condition: DAYLIGHT
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: UNKNOWN State of Registration: NY
Num of Occupants: 1 Drivers Age: 38 Sex: MALE Citation Issued: NO
Direction of Travel: WEST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: GOING STRAIGHT AHEAD
Apparent Factors: FOLLOWING TOO CLOSELY NOT APPLICABLE

Veh: 2 CAR/VAN/PICKUP Registered Weight: UNKNOWN State of Registration: NY
Num of Occupants: 1 Drivers Age: 69 Sex: MALE Citation Issued: NO
Direction of Travel: WEST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: STOPPED IN TRAFFIC
Apparent Factors: NOT APPLICABLE NOT APPLICABLE

OCT-11-2006 WED 07:50 AM Persons Killed: 0 Persons Injured: 1 Extent of Injuries: C Case: 2006-31941473
Accident Class: PROPERTY DAMAGE AND INJURY Police Agency:HAVERSTRAW TOWN PD Num of Veh: 3
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: TRAFFIC SIGNAL
Manner of Collision: OTHER Weather: CLOUDY
Road Surface Collision: DRY Road Char: STRAIGHT AND LEVEL Light Condition: DAYLIGHT
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: UNKNOWN State of Registration: NY
Num of Occupants: 1 Drivers Age: 27 Sex: FEMALE Citation Issued: NO
Direction of Travel: WEST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: GOING STRAIGHT AHEAD
Apparent Factors: FOLLOWING TOO CLOSELY UNKNOWN

Veh: 2 CAR/VAN/PICKUP Registered Weight: 2846 State of Registration: NY
Num of Occupants: 1 Drivers Age: 32 Sex: FEMALE Citation Issued: NO
Direction of Travel: WEST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: STOPPED IN TRAFFIC
Apparent Factors: NOT APPLICABLE UNKNOWN

Veh: 3 CAR/VAN/PICKUP Registered Weight: 3810 State of Registration: NY
Num of Occupants: 1 Drivers Age: 22 Sex: FEMALE Citation Issued: NO
Direction of Travel: WEST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: STOPPED IN TRAFFIC
Apparent Factors: NOT APPLICABLE UNKNOWN

NOV-18-2006 SAT 08:55 PM Persons Killed: 1 Persons Injured: 0 Extent of Injuries: K Case: 2006-31989485
Accident Class: FATAL Police Agency:HAVERSTRAW TOWN PD Num of Veh: 1
Type of Accident: COLLISION WITH PEDESTRIAN Traffic Control: NONE

Route: 202 Highway Location Ref Mrkr Range: 202 85011053 - 202 85011104 Dates: 01-JAN-2003 - 31-DEC-2007

*** Ref Mrkr: 202 8501 1093 NON-INTERSECTION ACCIDENTS *** (Continued)

Manner of Collision: OTHER Weather: CLOUDY
Road Surface Collision: DRY Road Char: STRAIGHT AND LEVEL Light Condition: DARK-ROAD LIGHTED
Loc. of Ped/Bicycle: PED/BICYCLIST NOT AT INTERSECTION Action of Ped/Bicycle: CROSSING, NO SIGNAL OR CROSSWALK

Veh: 1 CAR/VAN/PICKUP Registered Weight: 2254 State of Registration: NY
Num of Occupants: 1 Drivers Age: 52 Sex: FEMALE Citation Issued: NO
Direction of Travel: WEST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: GOING STRAIGHT AHEAD
Apparent Factors: NOT APPLICABLE UNKNOWN

Veh: 2 PEDESTRIAN Registered Weight: UNKNOWN State of Registration: UNKNOWN
Num of Occupants: N/A Pedestrian Age: 50 Sex: MALE Citation Issued: NO
Direction of Travel: NOT APPLICABLE Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: NOT APPLICABLE
Apparent Factors: PEDESTRIAN'S ERROR/CONFUSION UNKNOWN

JAN-23-2007 TUE 04:24 PM Persons Killed: 0 Persons Injured: 1 Extent of Injuries: C Case: 2007-32082908
Accident Class: PROPERTY DAMAGE AND INJURY Police Agency:HAVERSTRAW TOWN PD Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: NO PASSING ZONE
Manner of Collision: REAR END Weather: CLEAR
Road Surface Collision: DRY Road Char: STRAIGHT AND LEVEL Light Condition: DAYLIGHT
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: 2982 State of Registration: NY
Num of Occupants: 2 Drivers Age: 69 Sex: MALE Citation Issued: NO
Direction of Travel: EAST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: SLOWED OR STOPPING
Apparent Factors: UNKNOWN UNKNOWN

Veh: 2 CAR/VAN/PICKUP Registered Weight: 3929 State of Registration: NY
Num of Occupants: 1 Drivers Age: 22 Sex: FEMALE Citation Issued: NO
Direction of Travel: EAST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: STOPPED IN TRAFFIC
Apparent Factors: UNKNOWN UNKNOWN

MAR-14-2007 WED 04:20 PM Persons Killed: 0 Persons Injured: 1 Extent of Injuries: C Case: 2007-32130724
Accident Class: PROPERTY DAMAGE AND INJURY Police Agency:HAVERSTRAW TOWN PD Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: NONE
Manner of Collision: SIDESWIPE Weather: CLOUDY
Road Surface Collision: DRY Road Char: STRAIGHT AND LEVEL Light Condition: DAYLIGHT
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: 3568 State of Registration: NY

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Route: 202 Highway Location Ref Mrkr Range: 202 85011053 - 202 85011104 Dates: 01-JAN-2003 - 31-DEC-2007

*** Ref Mrkr: 202 8501 1093 NON-INTERSECTION ACCIDENTS *** (Continued)

Num of Occupants: 1 Drivers Age: 48 Sex: MALE Citation Issued: NO
Direction of Travel: WEST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: MAKING LEFT TURN
Apparent Factors: UNKNOWN UNKNOWN

Veh: 2 CAR/VAN/PICKUP Registered Weight: 3010 State of Registration: NY
Num of Occupants: 1 Drivers Age: 25 Sex: FEMALE Citation Issued: NO
Direction of Travel: EAST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: MAKING LEFT TURN
Apparent Factors: UNKNOWN UNKNOWN

*** Ref Mrkr: 202 8501 1093 INTERSECTION ACCIDENTS - OLD RTE 202 ***

FEB-16-2003 SUN 10:30 AM Persons Killed: 0 Persons Injured: 0 Extent of Injuries: Case: 2003-30863047
Accident Class: PROPERTY DAMAGE Police Agency:NOT ENTERED Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: UNKNOWN
Manner of Collision: UNKNOWN Weather: UNKNOWN
Road Surface Collision: UNKNOWN Road Char: UNKNOWN Light Condition: UNKNOWN
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 OTHER Registered Weight: UNKNOWN State of Registration: NY
Num of Occupants: 1 Drivers Age: 30 Sex: MALE Citation Issued: NO
Direction of Travel: UNKNOWN Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: UNKNOWN
Apparent Factors: UNKNOWN UNKNOWN

Veh: 2 CAR/VAN/PICKUP Registered Weight: 2238 State of Registration: NY
Num of Occupants: 1 Drivers Age: 27 Sex: MALE Citation Issued: NO
Direction of Travel: UNKNOWN Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: UNKNOWN
Apparent Factors: UNKNOWN UNKNOWN

AUG-24-2004 TUE 09:03 AM Persons Killed: 0 Persons Injured: 1 Extent of Injuries: C Case: 2004-31256399
Accident Class: INJURY Police Agency:HAVERSTRAW TOWN PD Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: NONE
Manner of Collision: LEFT TURN (AGAINST OTHER CAR) Weather: CLEAR
Road Surface Collision: DRY Road Char: STRAIGHT AND LEVEL Light Condition: DARK-ROAD LIGHTED
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: 3109 State of Registration: NY
Num of Occupants: 1 Drivers Age: 29 Sex: MALE Citation Issued: NO
Direction of Travel: EAST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: GOING STRAIGHT AHEAD

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Route: 202 Highway Location Ref Mrkr Range: 202 85011053 - 202 85011104 Dates: 01-JAN-2003 - 31-DEC-2007

*** Ref Mrkr: 202 8501 1093 INTERSECTION ACCIDENTS - OLD RTE 202 *** (Continued)

Apparent Factors: NOT APPLICABLE NOT APPLICABLE

Veh: 2 CAR/VAN/PICKUP Registered Weight: 3705 State of Registration: NY
Num of Occupants: 1 Drivers Age: 73 Sex: FEMALE Citation Issued: NO
Direction of Travel: SOUTH-WEST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: MAKING LEFT TURN
Apparent Factors: FAILURE TO YIELD RIGHT OF WAY NOT APPLICABLE

AUG-12-2006 SAT 06:33 PM Persons Killed: 0 Persons Injured: 1 Extent of Injuries: C Case: 2006-31897033
Accident Class: PROPERTY DAMAGE AND INJURY Police Agency:HAVERSTRAW TOWN PD Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: UNKNOWN
Manner of Collision: UNKNOWN Weather: CLEAR
Road Surface Collision: DRY Road Char: STRAIGHT AND LEVEL Light Condition: DAYLIGHT
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: 3815 State of Registration: NY
Num of Occupants: 1 Drivers Age: 28 Sex: MALE Citation Issued: NO
Direction of Travel: EAST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: MAKING RIGHT TURN
Apparent Factors: TURNING IMPROPER NOT APPLICABLE

Veh: 2 CAR/VAN/PICKUP Registered Weight: 3209 State of Registration: NY
Num of Occupants: 2 Drivers Age: 23 Sex: FEMALE Citation Issued: NO
Direction of Travel: EAST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: GOING STRAIGHT AHEAD
Apparent Factors: NOT APPLICABLE NOT APPLICABLE

OCT-07-2006 SAT 04:45 PM Persons Killed: 0 Persons Injured: 2 Extent of Injuries: CC Case: 2006-31941487
Accident Class: PROPERTY DAMAGE AND INJURY Police Agency:HAVERSTRAW TOWN PD Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: TRAFFIC SIGNAL
Manner of Collision: UNKNOWN Weather: CLEAR
Road Surface Collision: DRY Road Char: STRAIGHT AND LEVEL Light Condition: DUSK
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: 2942 State of Registration: NY
Num of Occupants: 1 Drivers Age: 76 Sex: FEMALE Citation Issued: NO
Direction of Travel: SOUTH Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: GOING STRAIGHT AHEAD
Apparent Factors: DRIVER INATTENTION GLARE

Veh: 2 CAR/VAN/PICKUP Registered Weight: 3272 State of Registration: NY
Num of Occupants: 2 Drivers Age: 47 Sex: FEMALE Citation Issued: NO
Direction of Travel: WEST Public Property Damage: NO School Bus Involved: NO

NYSDOT Safety Information Management System
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Route: 202 Highway Location Ref Mrkr Range: 202 85011053 - 202 85011104 Dates: 01-JAN-2003 - 31-DEC-2007

*** Ref Mrkr: 202 8501 1093 INTERSECTION ACCIDENTS - OLD RTE 202 *** (Continued)

Pre-Accd Action: STOPPED IN TRAFFIC
Apparent Factors: NOT APPLICABLE NOT APPLICABLE

*** Ref Mrkr: 202 8501 1095 NON-INTERSECTION ACCIDENTS ***

OCT-04-2006 WED 12:40 PM Persons Killed: 0 Persons Injured: 1 Extent of Injuries: B Case: 2006-31937955
Accident Class: PROPERTY DAMAGE AND INJURY Police Agency:HAVERSTRAW TOWN PD Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: NONE
Manner of Collision: SIDESWIPE Weather: CLEAR
Road Surface Collision: DRY Road Char: STRAIGHT AND LEVEL Light Condition: DAYLIGHT
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: 3230 State of Registration: NY
Num of Occupants: 1 Drivers Age: 40 Sex: MALE Citation Issued: NO
Direction of Travel: EAST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: GOING STRAIGHT AHEAD
Apparent Factors: TIRE FAILURE/INADEQUATE NOT APPLICABLE

Veh: 2 CAR/VAN/PICKUP Registered Weight: 3413 State of Registration: NY
Num of Occupants: 2 Drivers Age: 65 Sex: MALE Citation Issued: NO
Direction of Travel: WEST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: GOING STRAIGHT AHEAD
Apparent Factors: NOT APPLICABLE NOT APPLICABLE

*** Ref Mrkr: 202 8501 1096 NON-INTERSECTION ACCIDENTS ***

DEC-12-2007 WED 07:40 PM Persons Killed: 0 Persons Injured: 0 Extent of Injuries: Case: 2007-32449722
Accident Class: PROPERTY DAMAGE Police Agency:HAVERSTRAW TOWN PD Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: NONE
Manner of Collision: REAR END Weather: CLOUDY
Road Surface Collision: DRY Road Char: STRAIGHT AND LEVEL Light Condition: DARK-ROAD LIGHTED
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: 2743 State of Registration: NY
Num of Occupants: 1 Drivers Age: 17 Sex: FEMALE Citation Issued: NO
Direction of Travel: EAST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: GOING STRAIGHT AHEAD
Apparent Factors: DRIVER INEXPERIENCE UNKNOWN

Veh: 2 CAR/VAN/PICKUP Registered Weight: 2834 State of Registration: NY
Num of Occupants: 1 Drivers Age: 26 Sex: FEMALE Citation Issued: NO
Direction of Travel: EAST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: GOING STRAIGHT AHEAD

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Route: 202 Highway Location Ref Mrkr Range: 202 85011053 - 202 85011104 Dates: 01-JAN-2003 - 31-DEC-2007

*** Ref Mrkr: 202 8501 1096 NON-INTERSECTION ACCIDENTS *** (Continued)

Apparent Factors: UNKNOWN UNKNOWN

*** Ref Mrkr: 202 8501 1098 NON-INTERSECTION ACCIDENTS ***

NOV-15-2007 THU 07:30 PM Persons Killed: 0 Persons Injured: 0 Extent of Injuries: Case: 2007-32407770
Accident Class: PROPERTY DAMAGE Police Agency:HAVERSTRAW TOWN PD Num of Veh: 1
Type of Accident: COLLISION WITH DEER Traffic Control: NONE
Manner of Collision: OTHER Weather: CLOUDY
Road Surface Collision: DRY Road Char: STRAIGHT AND LEVEL Light Condition: DARK-ROAD LIGHTED
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: 3812 State of Registration: NY
Num of Occupants: 2 Drivers Age: 31 Sex: FEMALE Citation Issued: NO
Direction of Travel: WEST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: GOING STRAIGHT AHEAD
Apparent Factors: UNKNOWN UNKNOWN

*** Ref Mrkr: 202 8501 1098 INTERSECTION ACCIDENTS - INVALID INTERSECTION NUMBER 00 ***

MAR-09-2006 THU 04:11 PM Persons Killed: 0 Persons Injured: 1 Extent of Injuries: C Case: 2006-31755313
Accident Class: PROPERTY DAMAGE AND INJURY Police Agency:ROCKLAND CO SO Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: TRAFFIC SIGNAL
Manner of Collision: RIGHT ANGLE Weather: CLEAR
Road Surface Collision: DRY Road Char: STRAIGHT AND LEVEL Light Condition: DAYLIGHT
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: 3317 State of Registration: NY
Num of Occupants: 1 Drivers Age: 18 Sex: MALE Citation Issued: NO
Direction of Travel: WEST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: MAKING LEFT TURN
Apparent Factors: UNKNOWN UNKNOWN

Veh: 2 CAR/VAN/PICKUP Registered Weight: 3532 State of Registration: NY
Num of Occupants: 2 Drivers Age: 27 Sex: FEMALE Citation Issued: NO
Direction of Travel: NORTH Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: GOING STRAIGHT AHEAD
Apparent Factors: UNKNOWN UNKNOWN

*** Ref Mrkr: 202 8501 1099 NON-INTERSECTION ACCIDENTS ***

FEB-18-2003 TUE 08:21 AM Persons Killed: 0 Persons Injured: 3 Extent of Injuries: ACC Case: 2003-30857040
Accident Class: INJURY Police Agency:HAVERSTRAW TOWN PD Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: NONE

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Route: 202 Highway Location Ref Mrkr Range: 202 85011053 - 202 85011104 Dates: 01-JAN-2003 - 31-DEC-2007

*** Ref Mrkr: 202 8501 1099 NON-INTERSECTION ACCIDENTS *** (Continued)

Manner of Collision: UNKNOWN Weather: CLOUDY
Road Surface Collision: SNOW/ICE Road Char: STRAIGHT AT HILLCREST Light Condition: DAYLIGHT
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: 2626 State of Registration: NY
Num of Occupants: 2 Drivers Age: 42 Sex: MALE Citation Issued: NO
Direction of Travel: WEST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: OTHER
Apparent Factors: PAVEMENT SLIPPERY NOT APPLICABLE

Veh: 2 CAR/VAN/PICKUP Registered Weight: 3935 State of Registration: NY
Num of Occupants: 1 Drivers Age: 48 Sex: FEMALE Citation Issued: NO
Direction of Travel: EAST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: GOING STRAIGHT AHEAD
Apparent Factors: PAVEMENT SLIPPERY NOT APPLICABLE

APR-15-2003 TUE 06:00 PM Persons Killed: 0 Persons Injured: 1 Extent of Injuries: C Case: 2003-30945066
Accident Class: INJURY Police Agency:HAVERSTRAW TOWN PD Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: NONE
Manner of Collision: OVERTAKING Weather: CLEAR
Road Surface Collision: DRY Road Char: STRAIGHT/ GRADE Light Condition: DAYLIGHT
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: 2982 State of Registration: NY
Num of Occupants: 1 Drivers Age: 58 Sex: FEMALE Citation Issued: NO
Direction of Travel: WEST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: STOPPED IN TRAFFIC
Apparent Factors: UNKNOWN UNKNOWN

Veh: 2 CAR/VAN/PICKUP Registered Weight: 2623 State of Registration: NY
Num of Occupants: 2 Drivers Age: 42 Sex: FEMALE Citation Issued: NO
Direction of Travel: WEST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: OVERTAKING
Apparent Factors: PASSING OR LANE USAGE IMPROPERLY UNKNOWN

MAY-29-2003 THU 05:22 PM Persons Killed: 0 Persons Injured: 1 Extent of Injuries: C Case: 2003-30927329
Accident Class: INJURY Police Agency:HAVERSTRAW TOWN PD Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: TRAFFIC SIGNAL
Manner of Collision: REAR END Weather: CLOUDY
Road Surface Collision: DRY Road Char: STRAIGHT AND LEVEL Light Condition: DAYLIGHT
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: 5059 State of Registration: NY

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*** Ref Mrkr: 202 8501 1099 NON-INTERSECTION ACCIDENTS *** (Continued)

Num of Occupants: 1 Drivers Age: 30 Sex: MALE Citation Issued: NO
Direction of Travel: WEST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: STOPPED IN TRAFFIC
Apparent Factors: DRIVER INATTENTION UNKNOWN

Veh: 2 CAR/VAN/PICKUP Registered Weight: 3025 State of Registration: NY
Num of Occupants: 1 Drivers Age: 50 Sex: MALE Citation Issued: NO
Direction of Travel: WEST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: SLOWED OR STOPPING
Apparent Factors: UNKNOWN UNKNOWN

DEC-22-2004 WED 06:54 AM Persons Killed: 0 Persons Injured: 2 Extent of Injuries: CC Case: 2004-31354526
Accident Class: PROPERTY DAMAGE AND INJURY Police Agency:ROCKLAND CO SO Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: NONE
Manner of Collision: LEFT TURN (AGAINST OTHER CAR) Weather: CLOUDY
Road Surface Collision: DRY Road Char: STRAIGHT AT HILLCREST Light Condition: DAYLIGHT
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: UNKNOWN State of Registration: NY
Num of Occupants: 3 Drivers Age: 48 Sex: FEMALE Citation Issued: NO
Direction of Travel: SOUTH-WEST Public Property Damage: NO School Bus Involved: YES
Pre-Accd Action: MAKING LEFT TURN
Apparent Factors: UNKNOWN UNKNOWN

Veh: 2 CAR/VAN/PICKUP Registered Weight: 3700 State of Registration: NY
Num of Occupants: 1 Drivers Age: 46 Sex: FEMALE Citation Issued: NO
Direction of Travel: EAST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: GOING STRAIGHT AHEAD
Apparent Factors: NOT APPLICABLE UNKNOWN

SEP-11-2007 TUE 09:57 PM Persons Killed: 0 Persons Injured: 0 Extent of Injuries: Case: 2007-32323285
Accident Class: PROPERTY DAMAGE Police Agency:HAVERSTRAW TOWN PD Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: NO PASSING ZONE
Manner of Collision: LEFT TURN (WITH OTHER CAR) Weather: CLOUDY
Road Surface Collision: WET Road Char: CURVE AND GRADE Light Condition: DARK-ROAD LIGHTED
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: 3773 State of Registration: NY
Num of Occupants: 2 Drivers Age: 31 Sex: FEMALE Citation Issued: NO
Direction of Travel: EAST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: GOING STRAIGHT AHEAD
Apparent Factors: UNKNOWN UNKNOWN

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*** Ref Mrkr: 202 8501 1099 NON-INTERSECTION ACCIDENTS *** (Continued)

Veh: 2 CAR/VAN/PICKUP Registered Weight: 3651 State of Registration: NY
Num of Occupants: 1 Drivers Age: 72 Sex: MALE Citation Issued: NO
Direction of Travel: NORTH Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: MAKING LEFT TURN
Apparent Factors: UNKNOWN UNKNOWN

NOV-13-2007 TUE 07:55 AM Persons Killed: 0 Persons Injured: 0 Extent of Injuries: Case: 2007-32397070
Accident Class: PROPERTY DAMAGE Police Agency:HAVERSTRAW TOWN PD Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: TRAFFIC SIGNAL
Manner of Collision: REAR END Weather: RAIN
Road Surface Collision: WET Road Char: STRAIGHT AND LEVEL Light Condition: DAYLIGHT
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: 3483 State of Registration: NY
Num of Occupants: 2 Drivers Age: 56 Sex: FEMALE Citation Issued: NO
Direction of Travel: WEST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: STOPPED IN TRAFFIC
Apparent Factors: UNKNOWN UNKNOWN

Veh: 2 CAR/VAN/PICKUP Registered Weight: 4275 State of Registration: NY
Num of Occupants: 1 Drivers Age: 55 Sex: FEMALE Citation Issued: NO
Direction of Travel: WEST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: GOING STRAIGHT AHEAD
Apparent Factors: DRIVER INATTENTION UNKNOWN

NOV-30-2007 FRI 06:23 AM Persons Killed: 0 Persons Injured: 5 Extent of Injuries: ACCCC Case: 2007-32441591
Accident Class: PROPERTY DAMAGE AND INJURY Police Agency:HAVERSTRAW TOWN PD Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: UNKNOWN
Manner of Collision: RIGHT ANGLE Weather: CLEAR
Road Surface Collision: UNKNOWN Road Char: UNKNOWN Light Condition: UNKNOWN
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: 9000 State of Registration: NY
Num of Occupants: 1 Drivers Age: 25 Sex: MALE Citation Issued: YES
Direction of Travel: EAST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: GOING STRAIGHT AHEAD
Apparent Factors: DRIVER INEXPERIENCE UNKNOWN

Veh: 2 CAR/VAN/PICKUP Registered Weight: 3075 State of Registration: NY
Num of Occupants: 4 Drivers Age: 27 Sex: FEMALE Citation Issued: NO
Direction of Travel: NORTH Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: MAKING LEFT TURN
Apparent Factors: FAILURE TO YIELD RIGHT OF WAY UNKNOWN

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Complete Accident Data From NYSDMV Is Only Available thru 31-DEC-2007

Route: 202 Highway Location Ref Mrkr Range: 202 85011053 - 202 85011104 Dates: 01-JAN-2003 - 31-DEC-2007

*** Ref Mrkr: 202 8501 1103 NON-INTERSECTION ACCIDENTS ***

OCT-06-2007 SAT 09:22 AM Persons Killed: 0 Persons Injured: 0 Extent of Injuries: Case: 2007-32355598
Accident Class: PROPERTY DAMAGE Police Agency:NOT ENTERED Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: TRAFFIC SIGNAL
Manner of Collision: RIGHT ANGLE Weather: CLEAR
Road Surface Collision: DRY Road Char: STRAIGHT AND LEVEL Light Condition: DAYLIGHT
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: 3168 State of Registration: NY
Num of Occupants: 1 Drivers Age: 59 Sex: MALE Citation Issued: NO
Direction of Travel: SOUTH Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: MAKING LEFT TURN
Apparent Factors: UNKNOWN UNKNOWN

Veh: 2 CAR/VAN/PICKUP Registered Weight: 3095 State of Registration: NY
Num of Occupants: 1 Drivers Age: 59 Sex: FEMALE Citation Issued: NO
Direction of Travel: WEST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: GOING STRAIGHT AHEAD
Apparent Factors: UNKNOWN UNKNOWN

OCT-20-2007 SAT 03:50 PM Persons Killed: 0 Persons Injured: 3 Extent of Injuries: ABC Case: 2007-32365642
Accident Class: PROPERTY DAMAGE AND INJURY Police Agency:HAVERSTRAW TOWN PD Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: TRAFFIC SIGNAL
Manner of Collision: RIGHT ANGLE Weather: CLEAR
Road Surface Collision: DRY Road Char: STRAIGHT AND LEVEL Light Condition: DAYLIGHT
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 MOTORCYCLE Registered Weight: 634 State of Registration: NY
Num of Occupants: 1 Drivers Age: 28 Sex: MALE Citation Issued: NO
Direction of Travel: WEST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: GOING STRAIGHT AHEAD
Apparent Factors: NOT APPLICABLE UNKNOWN

Veh: 2 CAR/VAN/PICKUP Registered Weight: 3427 State of Registration: NY
Num of Occupants: 2 Drivers Age: 30 Sex: FEMALE Citation Issued: NO
Direction of Travel: SOUTH Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: MAKING LEFT TURN
Apparent Factors: FAILURE TO YIELD RIGHT OF WAY UNKNOWN

OCT-30-2007 TUE 09:10 AM Persons Killed: 0 Persons Injured: 1 Extent of Injuries: C Case: 2007-32389491
Accident Class: PROPERTY DAMAGE AND INJURY Police Agency:HAVERSTRAW TOWN PD Num of Veh: 3
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: TRAFFIC SIGNAL
Manner of Collision: OTHER Weather: CLEAR

Route: 202 Highway Location Ref Mrkr Range: 202 85011053 - 202 85011104 Dates: 01-JAN-2003 - 31-DEC-2007

*** Ref Mrkr: 202 8501 1103 NON-INTERSECTION ACCIDENTS *** (Continued)

Road Surface Collision: DRY Road Char: STRAIGHT AND LEVEL Light Condition: DAYLIGHT
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: 3239 State of Registration: NY
Num of Occupants: 1 Drivers Age: 47 Sex: MALE Citation Issued: NO
Direction of Travel: WEST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: GOING STRAIGHT AHEAD
Apparent Factors: DRIVER INATTENTION NOT APPLICABLE

Veh: 2 CAR/VAN/PICKUP Registered Weight: 3122 State of Registration: NY
Num of Occupants: 1 Drivers Age: 36 Sex: FEMALE Citation Issued: NO
Direction of Travel: WEST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: STOPPED IN TRAFFIC
Apparent Factors: NOT APPLICABLE NOT APPLICABLE

Veh: 3 CAR/VAN/PICKUP Registered Weight: 2272 State of Registration: NY
Num of Occupants: 1 Drivers Age: 26 Sex: FEMALE Citation Issued: NO
Direction of Travel: WEST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: STOPPED IN TRAFFIC
Apparent Factors: NOT APPLICABLE NOT APPLICABLE

DEC-15-2007 SAT 03:45 PM Persons Killed: 0 Persons Injured: 1 Extent of Injuries: C Case: 2007-32449784
Accident Class: PROPERTY DAMAGE AND INJURY Police Agency:HAVERSTRAW TOWN PD Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: TRAFFIC SIGNAL
Manner of Collision: REAR END Weather: CLOUDY
Road Surface Collision: DRY Road Char: STRAIGHT/ GRADE Light Condition: DAYLIGHT
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: 2394 State of Registration: NY
Num of Occupants: 1 Drivers Age: 32 Sex: FEMALE Citation Issued: YES
Direction of Travel: EAST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: GOING STRAIGHT AHEAD
Apparent Factors: UNSAFE SPEED UNKNOWN

Veh: 2 CAR/VAN/PICKUP Registered Weight: UNKNOWN State of Registration: NY
Num of Occupants: 1 Drivers Age: 53 Sex: FEMALE Citation Issued: NO
Direction of Travel: EAST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: STOPPED IN TRAFFIC
Apparent Factors: NOT APPLICABLE UNKNOWN

*** Ref Mrkr: 202 8501 1104 NON-INTERSECTION ACCIDENTS ***

JAN-30-2003 THU 05:30 PM Persons Killed: 0 Persons Injured: 0 Extent of Injuries: Case: 2003-30846088

NYSDOT Safety Information Management System
Accident Verbal Description Report
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Complete Accident Data From NYSDMV Is Only Available thru 31-DEC-2007

Route: 202 Highway Location Ref Mrkr Range: 202 85011053 - 202 85011104 Dates: 01-JAN-2003 - 31-DEC-2007

*** Ref Mrkr: 202 8501 1104 NON-INTERSECTION ACCIDENTS *** (Continued)

Accident Class: PROPERTY DAMAGE Police Agency:NOT ENTERED Num of Veh: 3
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: NONE
Manner of Collision: OTHER Weather: CLEAR
Road Surface Collision: DRY Road Char: STRAIGHT/ GRADE Light Condition: UNKNOWN
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: 4036 State of Registration: NY
Num of Occupants: 1 Drivers Age: 43 Sex: MALE Citation Issued: NO
Direction of Travel: SOUTH Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: STOPPED IN TRAFFIC
Apparent Factors: UNKNOWN UNKNOWN

Veh: 2 CAR/VAN/PICKUP Registered Weight: 2725 State of Registration: NY
Num of Occupants: 1 Drivers Age: 44 Sex: FEMALE Citation Issued: NO
Direction of Travel: SOUTH Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: SLOWED OR STOPPING
Apparent Factors: UNKNOWN UNKNOWN

Veh: 3 OTHER Registered Weight: UNKNOWN State of Registration: UNKNOWN
Num of Occupants: UNKNOWN Drivers Age: UNKNOWN Sex: UNKNOWN Citation Issued: NO
Direction of Travel: UNKNOWN Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: UNKNOWN
Apparent Factors: UNKNOWN UNKNOWN

NOV-01-2003 SAT 09:05 PM Persons Killed: 0 Persons Injured: 1 Extent of Injuries: B Case: 2003-31066918
Accident Class: INJURY Police Agency:HAVERSTRAW TOWN PD Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: NONE
Manner of Collision: RIGHT ANGLE Weather: CLEAR
Road Surface Collision: DRY Road Char: STRAIGHT AND LEVEL Light Condition: DARK-ROAD LIGHTED
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: 3685 State of Registration: NY
Num of Occupants: 2 Drivers Age: 35 Sex: MALE Citation Issued: YES
Direction of Travel: WEST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: GOING STRAIGHT AHEAD
Apparent Factors: ALCOHOL INVOLVEMENT DRIVER INEXPERIENCE

Veh: 2 CAR/VAN/PICKUP Registered Weight: 2440 State of Registration: NY
Num of Occupants: 2 Drivers Age: 17 Sex: FEMALE Citation Issued: NO
Direction of Travel: SOUTH Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: MAKING LEFT TURN
Apparent Factors: FAILURE TO YIELD RIGHT OF WAY UNKNOWN

NYSDOT Safety Information Management System
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Route: 202 Highway Location Ref Mrkr Range: 202 85011053 - 202 85011104 Dates: 01-JAN-2003 - 31-DEC-2007

*** Ref Mrkr: 202 8501 1104 NON-INTERSECTION ACCIDENTS *** (Continued)

NOV-13-2003 THU 08:10 AM Persons Killed: 0 Persons Injured: 1 Extent of Injuries: C Case: 2003-31056211
Accident Class: INJURY Police Agency:HAVERSTRAW TOWN PD Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: NONE
Manner of Collision: REAR END Weather: CLEAR
Road Surface Collision: DRY Road Char: STRAIGHT AND LEVEL Light Condition: DAYLIGHT
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: 2497 State of Registration: NY
Num of Occupants: 1 Drivers Age: 35 Sex: FEMALE Citation Issued: NO
Direction of Travel: EAST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: OTHER
Apparent Factors: DRIVER INATTENTION UNKNOWN

Veh: 2 TRUCK Registered Weight: 71875 State of Registration: NY
Num of Occupants: 1 Drivers Age: 38 Sex: MALE Citation Issued: NO
Direction of Travel: EAST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: GOING STRAIGHT AHEAD
Apparent Factors: UNKNOWN UNKNOWN
Truck/Bus Clsf: NOT ENTERED

NOV-26-2003 WED 04:55 PM Persons Killed: 0 Persons Injured: 2 Extent of Injuries: CC Case: 2003-30816917
Accident Class: INJURY Police Agency:HAVERSTRAW TOWN PD Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: TRAFFIC SIGNAL
Manner of Collision: REAR END Weather: CLEAR
Road Surface Collision: DRY Road Char: STRAIGHT AND LEVEL Light Condition: DARK-ROAD LIGHTED
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: 3025 State of Registration: NY
Num of Occupants: 3 Drivers Age: 29 Sex: MALE Citation Issued: NO
Direction of Travel: WEST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: STOPPED IN TRAFFIC
Apparent Factors: UNKNOWN UNKNOWN

Veh: 2 CAR/VAN/PICKUP Registered Weight: 3011 State of Registration: NY
Num of Occupants: 3 Drivers Age: 17 Sex: MALE Citation Issued: NO
Direction of Travel: WEST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: GOING STRAIGHT AHEAD
Apparent Factors: DRIVER INATTENTION UNKNOWN

JAN-16-2004 FRI 11:10 AM Persons Killed: 0 Persons Injured: 1 Extent of Injuries: C Case: 2004-31125525
Accident Class: PROPERTY DAMAGE AND INJURY Police Agency:HAVERSTRAW TOWN PD Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: TRAFFIC SIGNAL
Manner of Collision: REAR END Weather: CLEAR

NYSDOT Safety Information Management System
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Complete Accident Data From NYSDMV Is Only Available thru 31-DEC-2007

Route: 202 Highway Location Ref Mrkr Range: 202 85011053 - 202 85011104 Dates: 01-JAN-2003 - 31-DEC-2007

*** Ref Mrkr: 202 8501 1104 NON-INTERSECTION ACCIDENTS *** (Continued)

Road Surface Collision: WET Road Char: STRAIGHT/ GRADE Light Condition: DAYLIGHT
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: 4627 State of Registration: NY
Num of Occupants: 1 Drivers Age: 53 Sex: FEMALE Citation Issued: NO
Direction of Travel: WEST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: SLOWED OR STOPPING
Apparent Factors: NOT APPLICABLE UNKNOWN

Veh: 2 CAR/VAN/PICKUP Registered Weight: 3550 State of Registration: NY
Num of Occupants: 1 Drivers Age: 42 Sex: FEMALE Citation Issued: NO
Direction of Travel: WEST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: SLOWED OR STOPPING
Apparent Factors: BRAKES DEFECTIVE UNKNOWN

AUG-24-2004 TUE 05:20 PM Persons Killed: 0 Persons Injured: 1 Extent of Injuries: C Case: 2004-31256398
Accident Class: INJURY Police Agency:HAVERSTRAW TOWN PD Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: TRAFFIC SIGNAL
Manner of Collision: LEFT TURN (AGAINST OTHER CAR) Weather: CLEAR
Road Surface Collision: DRY Road Char: STRAIGHT AND LEVEL Light Condition: DAYLIGHT
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: 2414 State of Registration: NY
Num of Occupants: 1 Drivers Age: 24 Sex: FEMALE Citation Issued: NO
Direction of Travel: SOUTH-EAST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: MAKING LEFT TURN
Apparent Factors: FAILURE TO YIELD RIGHT OF WAY UNKNOWN

Veh: 2 CAR/VAN/PICKUP Registered Weight: 2949 State of Registration: NY
Num of Occupants: 3 Drivers Age: 61 Sex: FEMALE Citation Issued: NO
Direction of Travel: WEST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: GOING STRAIGHT AHEAD
Apparent Factors: UNKNOWN UNKNOWN

NOV-28-2004 SUN 05:10 PM Persons Killed: 0 Persons Injured: 2 Extent of Injuries: CC Case: 2004-31313408
Accident Class: INJURY Police Agency:HAVERSTRAW TOWN PD Num of Veh: 1
Type of Accident: COLLISION WITH DEER Traffic Control: NONE
Manner of Collision: OTHER Weather: CLOUDY
Road Surface Collision: WET Road Char: CURVE AND LEVEL Light Condition: DAYLIGHT
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: UNKNOWN State of Registration: PA
Num of Occupants: 2 Drivers Age: 34 Sex: FEMALE Citation Issued: NO

Route: 202 Highway Location Ref Mrkr Range: 202 85011053 - 202 85011104 Dates: 01-JAN-2003 - 31-DEC-2007

*** Ref Mrkr: 202 8501 1104 NON-INTERSECTION ACCIDENTS *** (Continued)

Direction of Travel: WEST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: GOING STRAIGHT AHEAD
Apparent Factors: ANIMAL'S ACTION UNKNOWN

JAN-24-2005 MON 07:00 PM Persons Killed: 0 Persons Injured: 2 Extent of Injuries: CC Case: 2005-31400061
Accident Class: INJURY Police Agency:HAVERSTRAW TOWN PD Num of Veh: 4
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: TRAFFIC SIGNAL
Manner of Collision: OTHER Weather: SNOW
Road Surface Collision: WET Road Char: STRAIGHT/ GRADE Light Condition: DARK-ROAD LIGHTED
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: 3108 State of Registration: NY
Num of Occupants: 2 Drivers Age: 19 Sex: FEMALE Citation Issued: NO
Direction of Travel: EAST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: SLOWED OR STOPPING
Apparent Factors: PAVEMENT SLIPPERY UNKNOWN

Veh: 2 CAR/VAN/PICKUP Registered Weight: 3020 State of Registration: NY
Num of Occupants: 1 Drivers Age: 67 Sex: FEMALE Citation Issued: NO
Direction of Travel: EAST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: STOPPED IN TRAFFIC
Apparent Factors: UNKNOWN UNKNOWN

Veh: 3 CAR/VAN/PICKUP Registered Weight: UNKNOWN State of Registration: NJ
Num of Occupants: 1 Drivers Age: 50 Sex: FEMALE Citation Issued: NO
Direction of Travel: EAST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: STOPPED IN TRAFFIC
Apparent Factors: UNKNOWN UNKNOWN

Veh: 4 CAR/VAN/PICKUP Registered Weight: 2374 State of Registration: NY
Num of Occupants: 2 Drivers Age: 45 Sex: FEMALE Citation Issued: NO
Direction of Travel: EAST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: STOPPED IN TRAFFIC
Apparent Factors: UNKNOWN UNKNOWN

JUN-04-2005 SAT 03:20 PM Persons Killed: 0 Persons Injured: 0 Extent of Injuries: Case: 2005-31515887
Accident Class: PROPERTY DAMAGE Police Agency:NOT ENTERED Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: TRAFFIC SIGNAL
Manner of Collision: RIGHT ANGLE Weather: CLEAR
Road Surface Collision: DRY Road Char: STRAIGHT AND LEVEL Light Condition: DAYLIGHT
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: 3195 State of Registration: NY

NYSDOT Safety Information Management System
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*** Ref Mrkr: 202 8501 1104 NON-INTERSECTION ACCIDENTS *** (Continued)

Num of Occupants: 1 Drivers Age: 62 Sex: MALE Citation Issued: NO
Direction of Travel: SOUTH-EAST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: MAKING LEFT TURN
Apparent Factors: UNKNOWN UNKNOWN

Veh: 2 CAR/VAN/PICKUP Registered Weight: 3326 State of Registration: NY
Num of Occupants: 1 Drivers Age: 23 Sex: FEMALE Citation Issued: NO
Direction of Travel: WEST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: GOING STRAIGHT AHEAD
Apparent Factors: UNKNOWN UNKNOWN

AUG-02-2005 TUE 06:45 PM Persons Killed: 0 Persons Injured: 2 Extent of Injuries: CC Case: 2005-31530496
Accident Class: PROPERTY DAMAGE AND INJURY Police Agency:HAVERSTRAW TOWN PD Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: TRAFFIC SIGNAL
Manner of Collision: RIGHT ANGLE Weather: CLEAR
Road Surface Collision: DRY Road Char: STRAIGHT AND LEVEL Light Condition: DAYLIGHT
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: UNKNOWN State of Registration: FL
Num of Occupants: 1 Drivers Age: 31 Sex: FEMALE Citation Issued: NO
Direction of Travel: SOUTH-EAST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: MAKING LEFT TURN
Apparent Factors: VIEW OBSTRUCTED/LIMITED UNKNOWN

Veh: 2 CAR/VAN/PICKUP Registered Weight: 2849 State of Registration: NY
Num of Occupants: 1 Drivers Age: 36 Sex: MALE Citation Issued: NO
Direction of Travel: WEST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: GOING STRAIGHT AHEAD
Apparent Factors: UNKNOWN UNKNOWN

APR-22-2006 SAT 04:00 PM Persons Killed: 0 Persons Injured: 3 Extent of Injuries: CCC Case: 2006-31794834
Accident Class: INJURY Police Agency:HAVERSTRAW TOWN PD Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: NONE
Manner of Collision: LEFT TURN (AGAINST OTHER CAR) Weather: RAIN
Road Surface Collision: WET Road Char: STRAIGHT AND LEVEL Light Condition: DAYLIGHT
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: 5005 State of Registration: NY
Num of Occupants: 2 Drivers Age: 31 Sex: FEMALE Citation Issued: NO
Direction of Travel: WEST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: GOING STRAIGHT AHEAD
Apparent Factors: NOT APPLICABLE UNKNOWN

Route: 202 Highway Location Ref Mrkr Range: 202 85011053 - 202 85011104 Dates: 01-JAN-2003 - 31-DEC-2007

*** Ref Mrkr: 202 8501 1104 NON-INTERSECTION ACCIDENTS *** (Continued)

Veh: 2 CAR/VAN/PICKUP Registered Weight: 4230 State of Registration: NY
Num of Occupants: 1 Drivers Age: 18 Sex: FEMALE Citation Issued: NO
Direction of Travel: SOUTH-EAST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: MAKING LEFT TURN
Apparent Factors: DRIVER INATTENTION UNKNOWN

OCT-10-2007 WED 03:30 PM Persons Killed: 0 Persons Injured: 0 Extent of Injuries: Case: 2007-32355275
Accident Class: PROPERTY DAMAGE Police Agency:HAVERSTRAW TOWN PD Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: TRAFFIC SIGNAL
Manner of Collision: REAR END Weather: CLOUDY
Road Surface Collision: WET Road Char: STRAIGHT AND LEVEL Light Condition: DAYLIGHT
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: 3027 State of Registration: NY
Num of Occupants: 1 Drivers Age: 22 Sex: MALE Citation Issued: NO
Direction of Travel: WEST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: GOING STRAIGHT AHEAD
Apparent Factors: DRIVER INATTENTION NOT APPLICABLE

Veh: 2 CAR/VAN/PICKUP Registered Weight: 4365 State of Registration: NY
Num of Occupants: 1 Drivers Age: 58 Sex: FEMALE Citation Issued: NO
Direction of Travel: WEST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: STOPPED IN TRAFFIC
Apparent Factors: NOT APPLICABLE NOT APPLICABLE

DEC-08-2007 SAT 01:55 PM Persons Killed: 0 Persons Injured: 2 Extent of Injuries: CC Case: 2007-32442077
Accident Class: PROPERTY DAMAGE AND INJURY Police Agency:CLARKSTOWN TOWN PD Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: NONE
Manner of Collision: RIGHT ANGLE Weather: CLEAR
Road Surface Collision: DRY Road Char: STRAIGHT AND LEVEL Light Condition: DAYLIGHT
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: 3347 State of Registration: NY
Num of Occupants: 1 Drivers Age: 60 Sex: MALE Citation Issued: NO
Direction of Travel: NORTH Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: MERGING
Apparent Factors: NOT APPLICABLE UNKNOWN

Veh: 2 CAR/VAN/PICKUP Registered Weight: UNKNOWN State of Registration: NY
Num of Occupants: 1 Drivers Age: 76 Sex: FEMALE Citation Issued: NO
Direction of Travel: EAST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: GOING STRAIGHT AHEAD
Apparent Factors: LOST CONSCIOUSNESS UNKNOWN

NYSDOT Safety Information Management System
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Route: 202 Highway Location Ref Mrkr Range: 202 85011053 - 202 85011104 Dates: 01-JAN-2003 - 31-DEC-2007

*** Ref Mrkr: 202 8501 1104 INTERSECTION ACCIDENTS - BALSOM RD ***

SEP-03-2003 WED 03:30 PM Persons Killed: 0 Persons Injured: 1 Extent of Injuries: C Case: 2003-31023057
Accident Class: PROPERTY DAMAGE AND INJURY Police Agency:HAVERSTRAW TOWN PD Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: TRAFFIC SIGNAL
Manner of Collision: REAR END Weather: RAIN
Road Surface Collision: WET Road Char: STRAIGHT AND LEVEL Light Condition: DAYLIGHT
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: 5000 State of Registration: NY
Num of Occupants: 1 Drivers Age: 42 Sex: MALE Citation Issued: NO
Direction of Travel: WEST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: STOPPED IN TRAFFIC
Apparent Factors: UNKNOWN UNKNOWN

Veh: 2 CAR/VAN/PICKUP Registered Weight: UNKNOWN State of Registration: MI
Num of Occupants: 2 Drivers Age: 22 Sex: MALE Citation Issued: NO
Direction of Travel: WEST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: SLOWED OR STOPPING
Apparent Factors: FOLLOWING TOO CLOSELY UNKNOWN

JAN-19-2004 MON 05:20 PM Persons Killed: 0 Persons Injured: 0 Extent of Injuries: Case: 2004-31122693
Accident Class: PROPERTY DAMAGE Police Agency:NOT ENTERED Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: UNKNOWN
Manner of Collision: UNKNOWN Weather: UNKNOWN
Road Surface Collision: UNKNOWN Road Char: UNKNOWN Light Condition: UNKNOWN
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: 4105 State of Registration: NY
Num of Occupants: 1 Drivers Age: 17 Sex: MALE Citation Issued: NO
Direction of Travel: UNKNOWN Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: UNKNOWN
Apparent Factors: UNKNOWN UNKNOWN

Veh: 2 OTHER Registered Weight: UNKNOWN State of Registration: UNKNOWN
Num of Occupants: UNKNOWN Drivers Age: UNKNOWN Sex: UNKNOWN Citation Issued: NO
Direction of Travel: UNKNOWN Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: UNKNOWN
Apparent Factors: UNKNOWN UNKNOWN

OCT-07-2004 THU 06:00 PM Persons Killed: 0 Persons Injured: 1 Extent of Injuries: C Case: 2004-31288902
Accident Class: PROPERTY DAMAGE AND INJURY Police Agency:HAVERSTRAW TOWN PD Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: NONE
Manner of Collision: REAR END Weather: CLEAR

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Route: 202 Highway Location Ref Mrkr Range: 202 85011053 - 202 85011104 Dates: 01-JAN-2003 - 31-DEC-2007

*** Ref Mrkr: 202 8501 1104 INTERSECTION ACCIDENTS - BALSOM RD *** (Continued)

Road Surface Collision: DRY Road Char: STRAIGHT AND LEVEL Light Condition: DUSK
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: 3217 State of Registration: NY
Num of Occupants: 1 Drivers Age: 25 Sex: FEMALE Citation Issued: NO
Direction of Travel: WEST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: STOPPED IN TRAFFIC
Apparent Factors: UNKNOWN UNKNOWN

Veh: 2 CAR/VAN/PICKUP Registered Weight: UNKNOWN State of Registration: NY
Num of Occupants: 2 Drivers Age: 50 Sex: MALE Citation Issued: YES
Direction of Travel: WEST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: GOING STRAIGHT AHEAD
Apparent Factors: DRIVER INATTENTION UNKNOWN

JAN-12-2006 THU 03:50 PM Persons Killed: 0 Persons Injured: 1 Extent of Injuries: C Case: 2006-31735736
Accident Class: INJURY Police Agency:HAVERSTRAW TOWN PD Num of Veh: 3
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: TRAFFIC SIGNAL
Manner of Collision: OTHER Weather: CLEAR
Road Surface Collision: DRY Road Char: STRAIGHT AND LEVEL Light Condition: DAYLIGHT
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: 3805 State of Registration: NY
Num of Occupants: 2 Drivers Age: 27 Sex: MALE Citation Issued: NO
Direction of Travel: WEST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: STARTING IN TRAFFIC
Apparent Factors: UNKNOWN UNKNOWN

Veh: 2 CAR/VAN/PICKUP Registered Weight: 3278 State of Registration: NY
Num of Occupants: 1 Drivers Age: 59 Sex: FEMALE Citation Issued: NO
Direction of Travel: WEST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: STARTING IN TRAFFIC
Apparent Factors: UNKNOWN UNKNOWN

Veh: 3 CAR/VAN/PICKUP Registered Weight: 4010 State of Registration: NY
Num of Occupants: 3 Drivers Age: 44 Sex: FEMALE Citation Issued: NO
Direction of Travel: WEST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: STARTING IN TRAFFIC
Apparent Factors: UNKNOWN UNKNOWN

JUN-01-2006 THU 02:00 PM Persons Killed: 0 Persons Injured: 0 Extent of Injuries: Case: 2006-31851161
Accident Class: PROPERTY DAMAGE Police Agency:NOT ENTERED Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: UNKNOWN

NYSDOT Safety Information Management System
Accident Verbal Description Report
Intersection & Non-Intersection Accidents
Complete Accident Data From NYSDMV Is Only Available thru 31-DEC-2007

Route: 202 Highway Location Ref Mrkr Range: 202 85011053 - 202 85011104 Dates: 01-JAN-2003 - 31-DEC-2007

*** Ref Mrkr: 202 8501 1104 INTERSECTION ACCIDENTS - BALSOM RD *** (Continued)

Manner of Collision: UNKNOWN — Weather: UNKNOWN
Road Surface Collision: UNKNOWN — Road Char: UNKNOWN — Light Condition: UNKNOWN
Loc. of Ped/Bicycle: NOT APPLICABLE — Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 OTHER — Registered Weight: UNKNOWN — State of Registration: VA
Num of Occupants: 1 — Drivers Age: 75 — Sex: FEMALE — Citation Issued: NO
Direction of Travel: UNKNOWN — Public Property Damage: NO — School Bus Involved: NO
Pre-Accd Action: UNKNOWN
Apparent Factors: UNKNOWN — UNKNOWN

Veh: 2 OTHER — Registered Weight: UNKNOWN — State of Registration: UNKNOWN
Num of Occupants: 1 — Drivers Age: 29 — Sex: MALE — Citation Issued: NO
Direction of Travel: UNKNOWN — Public Property Damage: NO — School Bus Involved: NO
Pre-Accd Action: UNKNOWN
Apparent Factors: UNKNOWN — UNKNOWN

JUL-21-2006 FRI 09:52 AM Persons Killed: 0 Persons Injured: 1 Extent of Injuries: C — Case: 2006-31880626
Accident Class: PROPERTY DAMAGE AND INJURY — Police Agency:HAVERSTRAW TOWN PD — Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE — Traffic Control: TRAFFIC SIGNAL
Manner of Collision: REAR END — Weather: RAIN
Road Surface Collision: WET — Road Char: STRAIGHT AND LEVEL — Light Condition: DAYLIGHT
Loc. of Ped/Bicycle: NOT APPLICABLE — Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP — Registered Weight: 3823 — State of Registration: NY
Num of Occupants: 1 — Drivers Age: 60 — Sex: FEMALE — Citation Issued: NO
Direction of Travel: WEST — Public Property Damage: NO — School Bus Involved: NO
Pre-Accd Action: SLOWED OR STOPPING
Apparent Factors: NOT APPLICABLE — NOT APPLICABLE

Veh: 2 CAR/VAN/PICKUP — Registered Weight: 2418 — State of Registration: NY
Num of Occupants: 1 — Drivers Age: 21 — Sex: FEMALE — Citation Issued: NO
Direction of Travel: WEST — Public Property Damage: NO — School Bus Involved: NO
Pre-Accd Action: GOING STRAIGHT AHEAD
Apparent Factors: DRIVER INATTENTION — PAVEMENT SLIPPERY

SEP-16-2006 SAT 12:15 AM Persons Killed: 0 Persons Injured: 2 Extent of Injuries: AC — Case: 2006-31921571
Accident Class: PROPERTY DAMAGE AND INJURY — Police Agency:HAVERSTRAW TOWN PD — Num of Veh: 1
Type of Accident: COLLISION WITH PEDESTRIAN — Traffic Control: TRAFFIC SIGNAL
Manner of Collision: OTHER — Weather: RAIN
Road Surface Collision: WET — Road Char: STRAIGHT AND LEVEL — Light Condition: DARK-ROAD LIGHTED
Loc. of Ped/Bicycle: PED/BICYCLIST AT INTERSECTION — Action of Ped/Bicycle: CROSSING AGAINST SIGNAL

Veh: 1 CAR/VAN/PICKUP — Registered Weight: 2694 — State of Registration: NY

NYSDOT Safety Information Management System
Accident Verbal Description Report
Intersection & Non-Intersection Accidents
Complete Accident Data From NYSDMV Is Only Available thru 31-DEC-2007

Route: 202 Highway Location Ref Mrkr Range: 202 85011053 - 202 85011104 Dates: 01-JAN-2003 - 31-DEC-2007

*** Ref Mrkr: 202 8501 1104 INTERSECTION ACCIDENTS - BALSOM RD *** (Continued)

Num of Occupants: 2 Drivers Age: 20 Sex: MALE Citation Issued: NO
Direction of Travel: EAST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: GOING STRAIGHT AHEAD
Apparent Factors: UNKNOWN UNKNOWN

Veh: 2 PEDESTRIAN Registered Weight: UNKNOWN State of Registration: UNKNOWN
Num of Occupants: N/A Pedestrian Age: 50 Sex: MALE Citation Issued: NO
Direction of Travel: NOT APPLICABLE Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: NOT APPLICABLE
Apparent Factors: UNKNOWN UNKNOWN

OCT-04-2006 WED 08:50 AM Persons Killed: 0 Persons Injured: 2 Extent of Injuries: CC Case: 2006-31940466
Accident Class: PROPERTY DAMAGE AND INJURY Police Agency:HAVERSTRAW TOWN PD Num of Veh: 3
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: TRAFFIC SIGNAL
Manner of Collision: OTHER Weather: CLEAR
Road Surface Collision: DRY Road Char: STRAIGHT AND LEVEL Light Condition: DAYLIGHT
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: 6700 State of Registration: NY
Num of Occupants: 2 Drivers Age: 36 Sex: MALE Citation Issued: NO
Direction of Travel: WEST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: GOING STRAIGHT AHEAD
Apparent Factors: DRIVER INATTENTION NOT APPLICABLE

Veh: 2 CAR/VAN/PICKUP Registered Weight: UNKNOWN State of Registration: NC
Num of Occupants: 1 Drivers Age: 28 Sex: MALE Citation Issued: NO
Direction of Travel: WEST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: STOPPED IN TRAFFIC
Apparent Factors: NOT APPLICABLE NOT APPLICABLE

Veh: 3 CAR/VAN/PICKUP Registered Weight: 2388 State of Registration: NY
Num of Occupants: 1 Drivers Age: 43 Sex: FEMALE Citation Issued: NO
Direction of Travel: WEST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: SLOWED OR STOPPING
Apparent Factors: NOT APPLICABLE NOT APPLICABLE

DEC-25-2006 MON 09:10 PM Persons Killed: 0 Persons Injured: 1 Extent of Injuries: C Case: 2006-32064393
Accident Class: INJURY Police Agency:HAVERSTRAW TOWN PD Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: TRAFFIC SIGNAL
Manner of Collision: REAR END Weather: RAIN
Road Surface Collision: WET Road Char: CURVE AND GRADE Light Condition: DARK-ROAD LIGHTED
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

NYSDOT Safety Information Management System
Accident Verbal Description Report
Intersection & Non-Intersection Accidents
Complete Accident Data From NYSDMV Is Only Available thru 31-DEC-2007

Route: 202 Highway Location Ref Mrkr Range: 202 85011053 - 202 85011104 Dates: 01-JAN-2003 - 31-DEC-2007

*** Ref Mrkr: 202 8501 1104 INTERSECTION ACCIDENTS - BALSOM RD *** (Continued)

Veh: 1 CAR/VAN/PICKUP — Registered Weight: 3358 — State of Registration: NY
Num of Occupants: 2 — Drivers Age: 62 — Sex: MALE — Citation Issued: NO
Direction of Travel: EAST — Public Property Damage: NO — School Bus Involved: NO
Pre-Accd Action: STOPPED IN TRAFFIC
Apparent Factors: NOT APPLICABLE — UNKNOWN

Veh: 2 CAR/VAN/PICKUP — Registered Weight: 3565 — State of Registration: NY
Num of Occupants: 1 — Drivers Age: 27 — Sex: MALE — Citation Issued: YES
Direction of Travel: EAST — Public Property Damage: NO — School Bus Involved: NO
Pre-Accd Action: SLOWED OR STOPPING
Apparent Factors: PAVEMENT SLIPPERY — UNKNOWN

AUG-21-2007 TUE 12:00 PM Persons Killed: 0 Persons Injured: 2 Extent of Injuries: CC — Case: 2007-32298441
Accident Class: PROPERTY DAMAGE AND INJURY — Police Agency:HAVERSTRAW TOWN PD — Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE — Traffic Control: NONE
Manner of Collision: UNKNOWN — Weather: RAIN
Road Surface Collision: WET — Road Char: STRAIGHT AND LEVEL — Light Condition: DAYLIGHT
Loc. of Ped/Bicycle: NOT APPLICABLE — Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP — Registered Weight: UNKNOWN — State of Registration: ME
Num of Occupants: 1 — Drivers Age: 48 — Sex: MALE — Citation Issued: NO
Direction of Travel: SOUTH — Public Property Damage: NO — School Bus Involved: NO
Pre-Accd Action: MAKING LEFT TURN
Apparent Factors: DRIVER INATTENTION — NOT APPLICABLE

Veh: 2 CAR/VAN/PICKUP — Registered Weight: 5101 — State of Registration: NY
Num of Occupants: 1 — Drivers Age: 57 — Sex: MALE — Citation Issued: NO
Direction of Travel: WEST — Public Property Damage: NO — School Bus Involved: NO
Pre-Accd Action: GOING STRAIGHT AHEAD
Apparent Factors: NOT APPLICABLE — NOT APPLICABLE

TOTAL NUMBER OF ACCIDENTS PRINTED:

ABSENCE OF REFERENCE MARKERS OR INTERSECTION WITHIN A SPECIFIED ROADWAY SECTION & TIME PERIOD INDICATES NO ACCIDENTS FOUND

*** END OF REPORT ***

Appendix F

NYSDOT Improvement Plans

FED ROAD REG. NO.	STATE	CONTRACT NO.	SHEET NO.	TOTAL SHEETS
1	N.Y.	D259820	61	151

S.N. 53-3, S.N. 1448, S.N. 1660 & S.N. 1019
ROUTE 987C PALISADES INTERSTATE PARKWAY OVER ROUTE 202
BRIDGE REPLACEMENT PROJECT
TOWN OF HAVERSTRAW, ROCKLAND COUNTY
P.I.N. 8093.48 B.I.N. 1040129

N 133 450
E 177 100

N 133 500
E 177 100

N 133 450
E 177 200

P.I.P. SOUTHBOUND CURVE S1 DATA	
PC =	STA. 1+1126.973
PCC =	STA. 1+1688.736
Δ =	49°-58'-13.80"
R =	1,886.40
T =	893.591
L =	440.764

P.I.P. NORTHBOUND CURVE N1 DATA	
PC =	STA. 1+1126.973
PCC =	STA. 1+1566.137
Δ =	27°-30'-10.07"
R =	1,861.286
T =	33.542
L =	67.991

P.I.P. NORTHBOUND CURVE N2 DATA	
PCC =	STA. NB 1+1455.337
PCC =	STA. NB 1+1839.216
Δ =	9°-48'-04.44"
R =	1,965.06
T =	168.214
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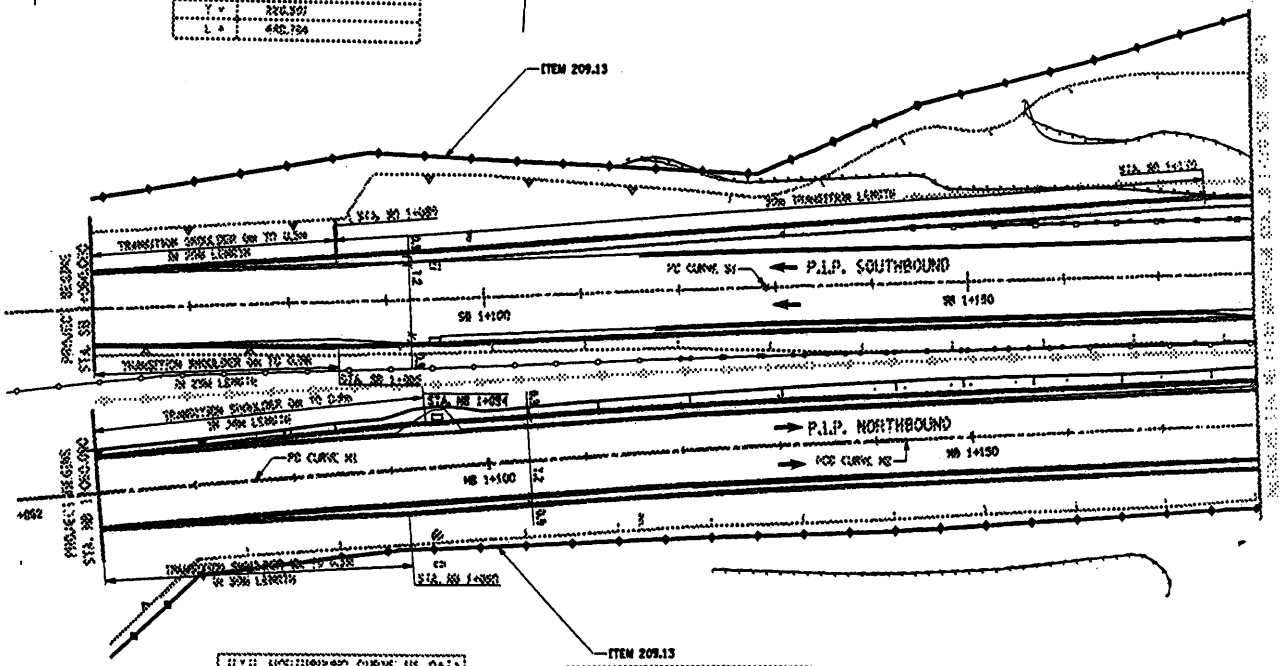

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SCALE

AS BUILT REVISIONS

SIGNATURE DATE

GENERAL PLANS

STATE OF NEW YORK
DEPARTMENT OF TRANSPORTATION

FILENAME	REGION	DATE	DRAWING NO.
8093GPA.PLT	EIGHT	12/04	GP-1

DESIGN SUPERVISOR ..... JOB MANAGER ..... DESIGNED BY ..... CHECKED BY ..... ESTIMATED BY ..... CHECKED BY ..... DRAFTED BY ..... CHECKED BY .....

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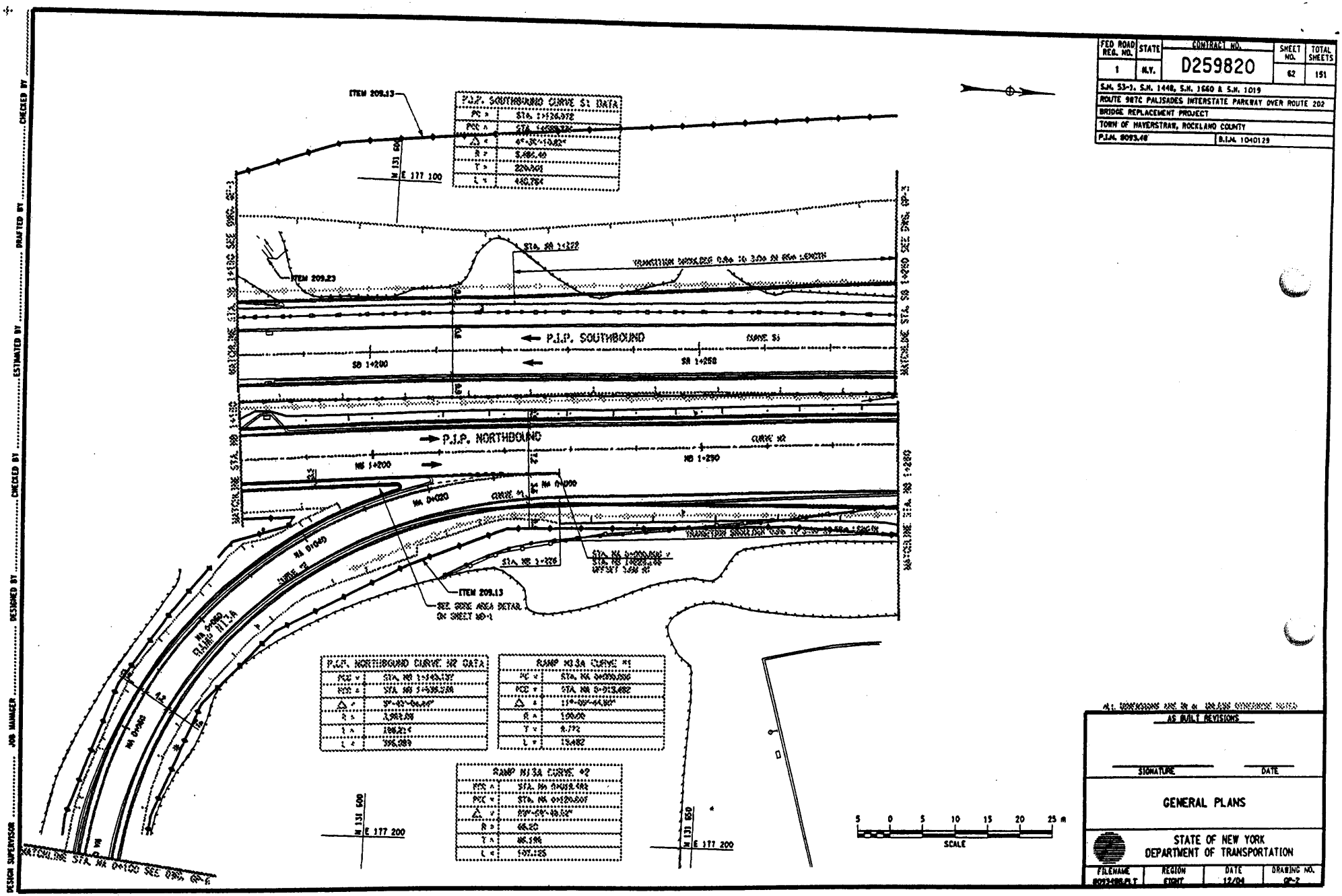

FED ROAD REG. NO.	STATE	CONTRACT NO.	SHEET NO.	TOTAL SHEETS
1	N.Y.	D259820	62	151

S.H. 53-1, S.H. 1448, S.H. 1660 & S.H. 1019
ROUTE 987C PALISADES INTERSTATE PARKWAY OVER ROUTE 202
BRIDGE REPLACEMENT PROJECT
TOWN OF HAVERSTRAW, ROCKLAND COUNTY
P.I.N. 8093.48 B.I.N. 1040129

ALL DIMENSIONS ARE IN m UNLESS OTHERWISE NOTED

AS BUILT REVISIONS

SIGNATURE DATE

GENERAL PLANS

STATE OF NEW YORK
DEPARTMENT OF TRANSPORTATION

FILENAME	REGION	DATE	DRAWING NO.
8093408-PLT	EIGHT	12/04	GP-2

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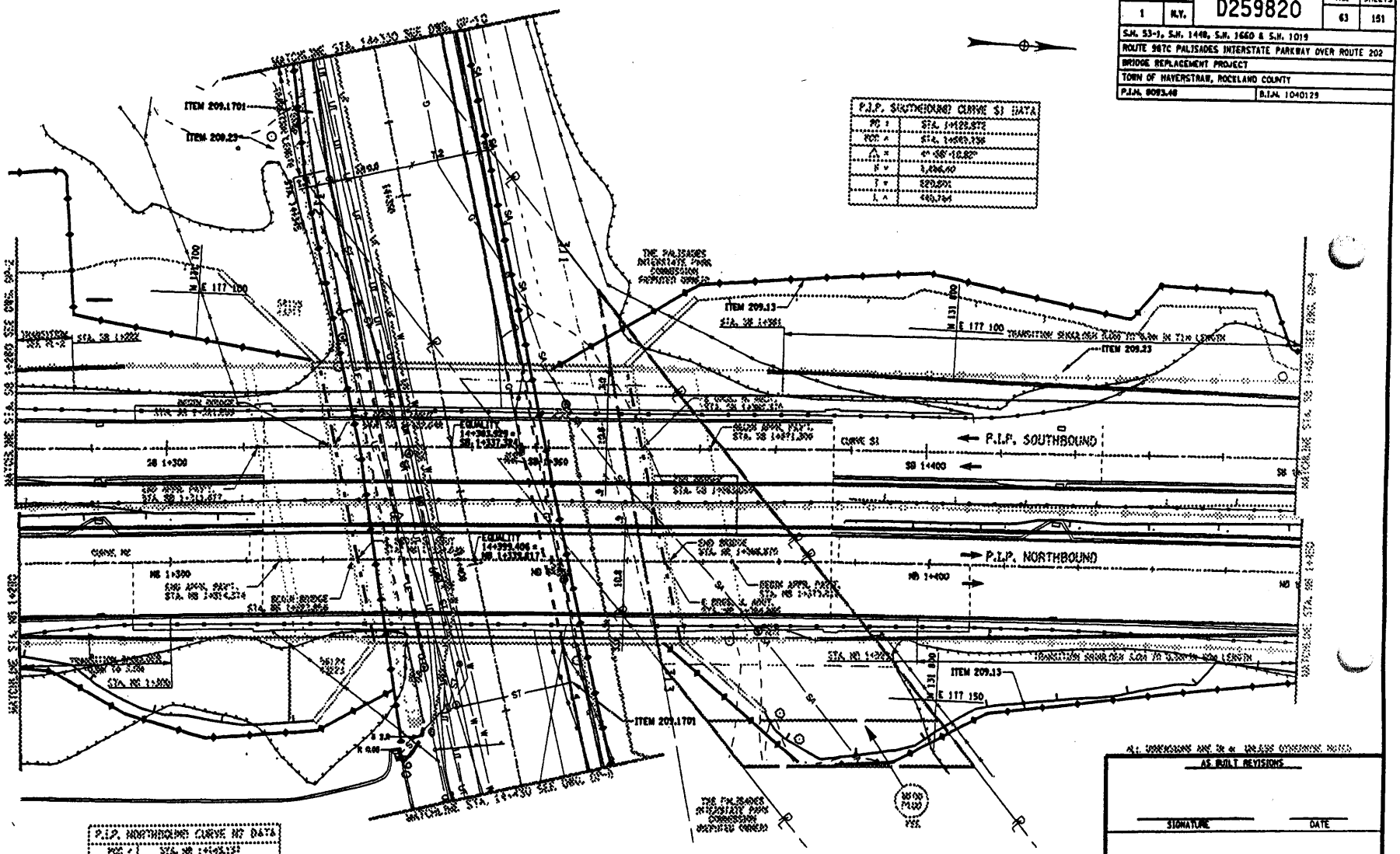
FED ROAD REG. NO.	STATE	CONTRACT NO.	SHEET NO.	TOTAL SHEETS
1	N.Y.	D259820	63	151

S.N. 53-1, S.N. 1448, S.N. 1660 & S.N. 1019
ROUTE 9&TC PALISADES INTERSTATE PARKWAY OVER ROUTE 202
BRIDGE REPLACEMENT PROJECT
TOWN OF HAVERSTRAW, ROCKLAND COUNTY
P.I.N. 8093.48 B.I.N. 1040129



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POT =	STA. 1+469.136
Δ =	4°-55'-10.82"
R =	3,896.90
T =	220.591
L =	440.764

P.I.P. NORTHBOUND CURVE N2 DATA

POC =	STA. NB 1+149.137
POT =	STA. NB 1+638.230
Δ =	9°-49'-04.46"
R =	3,865.06
T =	198.214
L =	395.090

AS BUILT REVISIONS

SIGNATURE DATE

GENERAL PLANS

STATE OF NEW YORK
DEPARTMENT OF TRANSPORTATION

FILENAME	REGION	DATE	DRAWING NO.
8093480.DGN	EIGHT	5/08	GP-3

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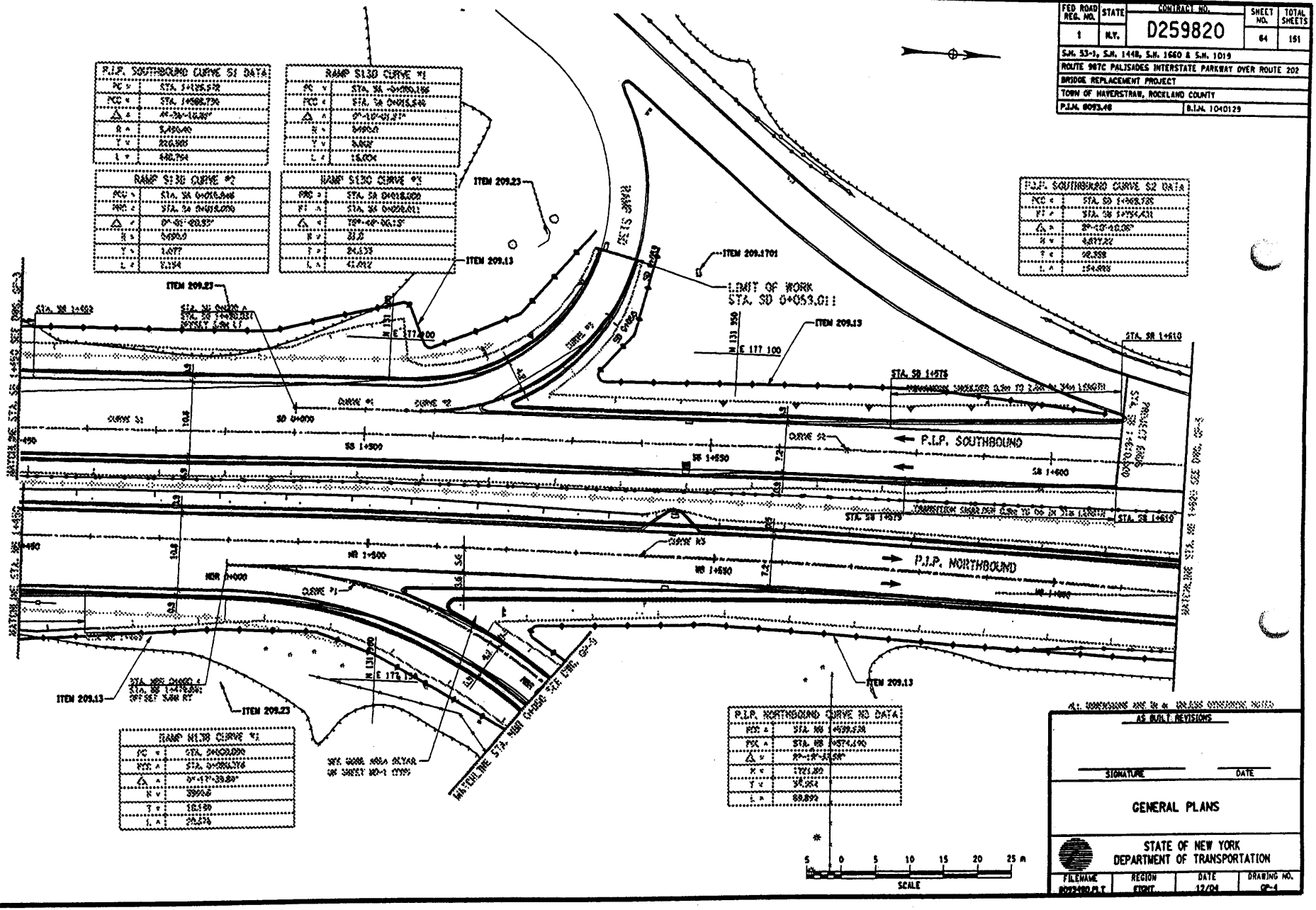

FED ROAD REG. NO.	STATE	CONTRACT NO.	SHEET NO.	TOTAL SHEETS
1	N.Y.	D259820	64	151

S.N. 53-1, S.N. 1448, S.N. 1660 & S.N. 1019
ROUTE 987C PALISADES INTERSTATE PARKWAY OVER ROUTE 202
BRIDGE REPLACEMENT PROJECT
TOWN OF HAVERSTRAW, ROCKLAND COUNTY
P.I.N. 8093.48 B.I.N. 1040129

AS BUILT REVISIONS

SIGNATURE DATE

GENERAL PLANS

STATE OF NEW YORK
DEPARTMENT OF TRANSPORTATION

FILENAME	REGION	DATE	DRAWING NO.
8093GP01.PLT	EIGHT	12/04	GP-1

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FED ROAD REG. NO.	STATE	CONTRACT NO.	SHEET NO.	TOTAL SHEETS
1	N.Y.	D259820	65	181

Sch. 53-L, Sch. 1448, Sch. 1660 & Sch. 1015
ROUTE 9AIC PALISADES INTERSTATE PARKWAY OVER ROUTE 202
BRIDGE REPLACEMENT PROJECT
TOWN OF HAVERSTRAW, ROCKLAND COUNTY
P.I.N. 8093.40 B.I.N. 1040129

AS BUILT REVISIONS

SIGNATURE DATE

GENERAL PLANS

STATE OF NEW YORK
DEPARTMENT OF TRANSPORTATION

FILENAME REGION DATE DRAWING NO.
8093GP01.DGN 11 12/04 GP-5

CONTRACT LIMIT
STA. NB 1+717.00

PROJECT ENDS
STA. NB 1+693.00

ITEM 209.13

ITEM 209.1701

CONTRACT LIMIT
STA. SB 1+650.00

MATCHLINE STA. NB 1+620 SEE DWG. GP-4

SCALE
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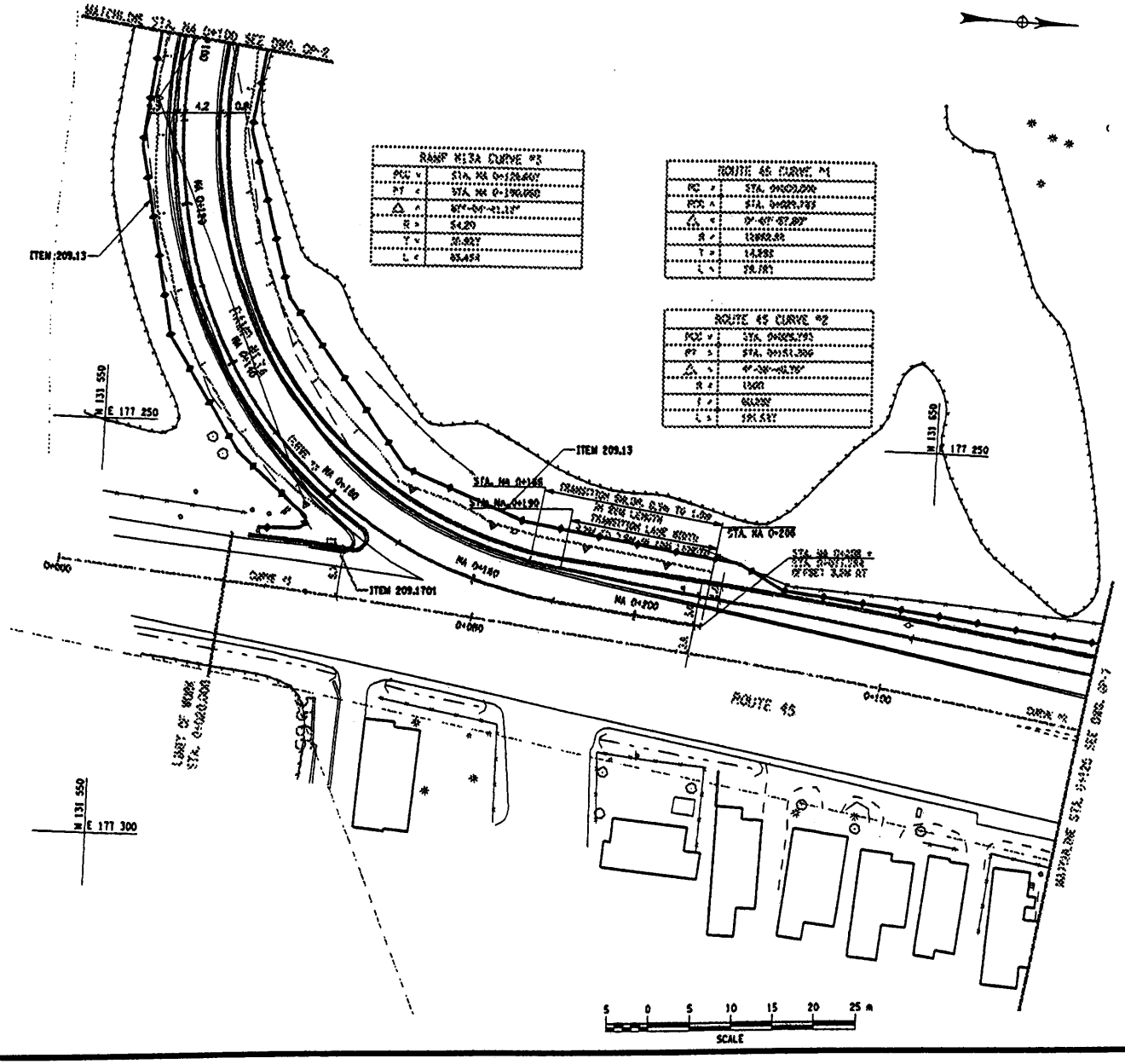
1	N.Y.	D259820	66	151

S.H. 53-1, S.H. 1448, S.H. 1660 & S.H. 1019
ROUTE 9ØTC PALISADES INTERSTATE PARKWAY OVER ROUTE 202
BRIDGE REPLACEMENT PROJECT
TOWN OF HAVERSTRAW, ROCKLAND COUNTY
P.I.N. 8093.48 B.I.N. 1040129



AS BUILT REVISIONS

SIGNATURE DATE

GENERAL PLANS

STATE OF NEW YORK
DEPARTMENT OF TRANSPORTATION

FILENAME	REGION	DATE	DRAWING NO.
8093GEN01.DGN	EIGHT	12/04	GP-1

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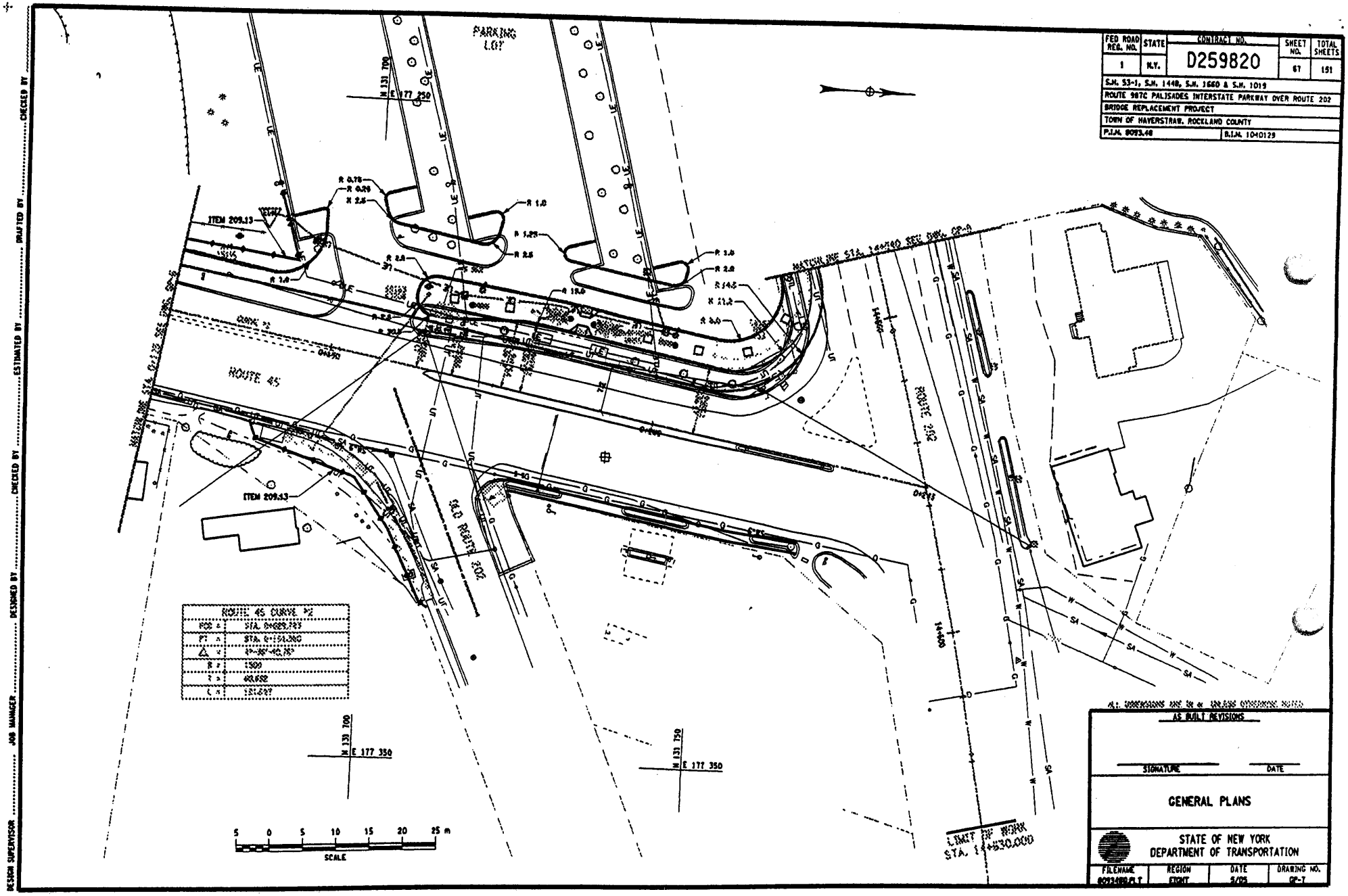

FED ROAD REG. NO.	STATE	CONTRACT NO.	SHEET NO.	TOTAL SHEETS
1	N.Y.	D259820	67	151

S.H. 53-1, S.H. 1448, S.H. 1660 & S.H. 1019
ROUTE 9A/7C PALISADES INTERSTATE PARKWAY OVER ROUTE 202
BRIDGE REPLACEMENT PROJECT
TOWN OF HAVERSTRAW, ROCKLAND COUNTY
P.I.N. 8093.48 B.I.N. 1040129

AS BUILT REVISIONS

SIGNATURE DATE

GENERAL PLANS

STATE OF NEW YORK
DEPARTMENT OF TRANSPORTATION

FILENAME	REGION	DATE	DRAWING NO.
8093488PLT	EIGHT	9/05	GP-7

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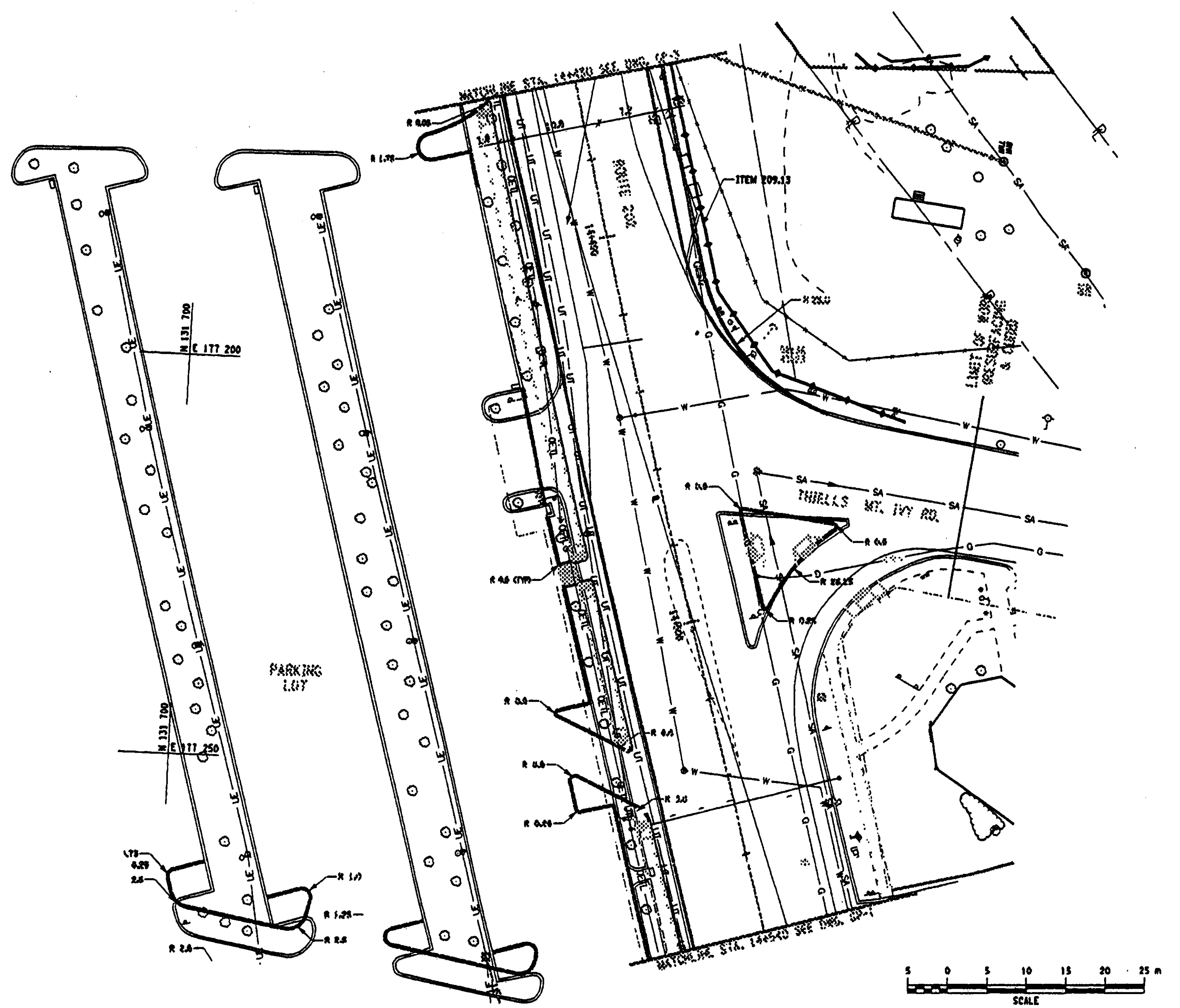
FED ROAD REG. NO.	STATE	CONTRACT NO.	SHEET NO.	TOTAL SHEETS
1	N.Y.	D259820	68	151

S.H. 53-1, S.H. 1448, S.H. 1660 & S.H. 1019
ROUTE 987C PALISADES INTERSTATE PARKWAY OVER ROUTE 202
BRIDGE REPLACEMENT PROJECT
TOWN OF HAVERSTRAW, ROCKLAND COUNTY
P.I.N. 8093.48 B.I.N. 1040129



AS BUILT REVISIONS

SIGNATURE DATE

GENERAL PLANS

STATE OF NEW YORK
DEPARTMENT OF TRANSPORTATION

FILENAME	REGION	DATE	DRAWING NO.
809348F.PLT	EIGHT	5/05	GP-8

DESIGN SUPERVISOR .... JOB MANAGER .... DESIGNED BY .... CHECKED BY .... ESTIMATED BY .... DRAFTED BY .... CHECKED BY ....

FED ROAD REG. NO.	STATE	CONTRACT NO.	SHEET NO.	TOTAL SHEETS
1	N.Y.	D259820	69	151

S.H. 53-1, S.H. 1448, S.H. 1660 & S.H. 1019
ROUTE 987C PALISADES INTERSTATE PARKWAY OVER ROUTE 202
BRIDGE REPLACEMENT PROJECT
TOWN OF HAVERSTRAW, ROCKLAND COUNTY
P.I.N. 8093.48 B.I.N. 1040129

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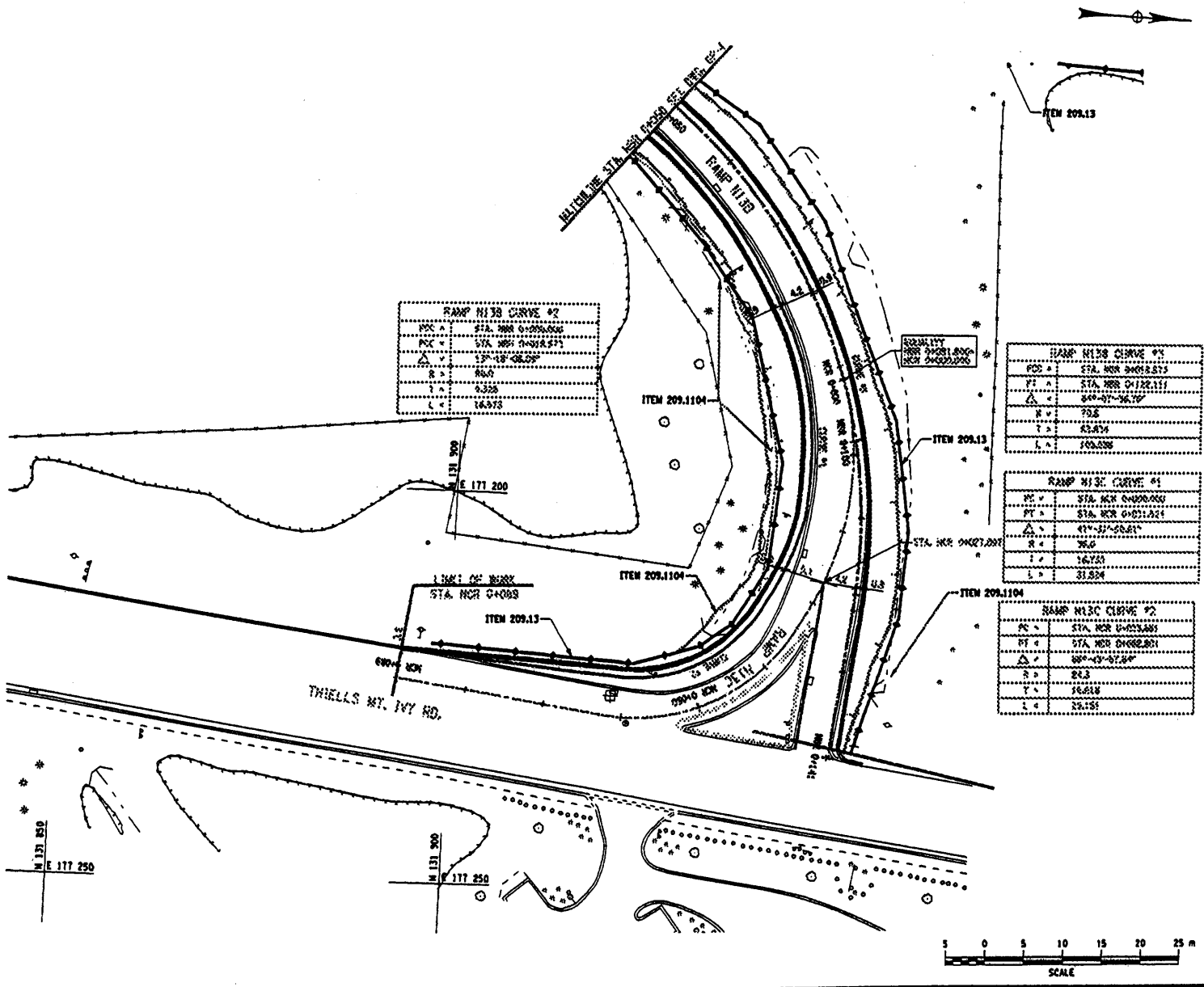

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POT =	STA. NCR 0+00.573
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R =	250.0
T =	0.335
L =	16.973

RAMP N13B CURVE #3

POC =	STA. NCR 0+00.573
POT =	STA. NCR 0+132.151
Δ =	849-01'-36.75"
R =	70.0
T =	63.814
L =	109.036

RAMP N13C CURVE #1

PC =	STA. NCR 0+00.000
PT =	STA. NCR 0+031.824
Δ =	49°-21'-58.61"
R =	36.0
T =	16.730
L =	31.824

RAMP N13C CURVE #2

PC =	STA. NCR 0+031.824
PT =	STA. NCR 0+082.801
Δ =	88°-43'-07.64"
R =	24.3
T =	25.618
L =	39.151

ALL DIMENSIONS ARE IN m UNLESS OTHERWISE NOTED

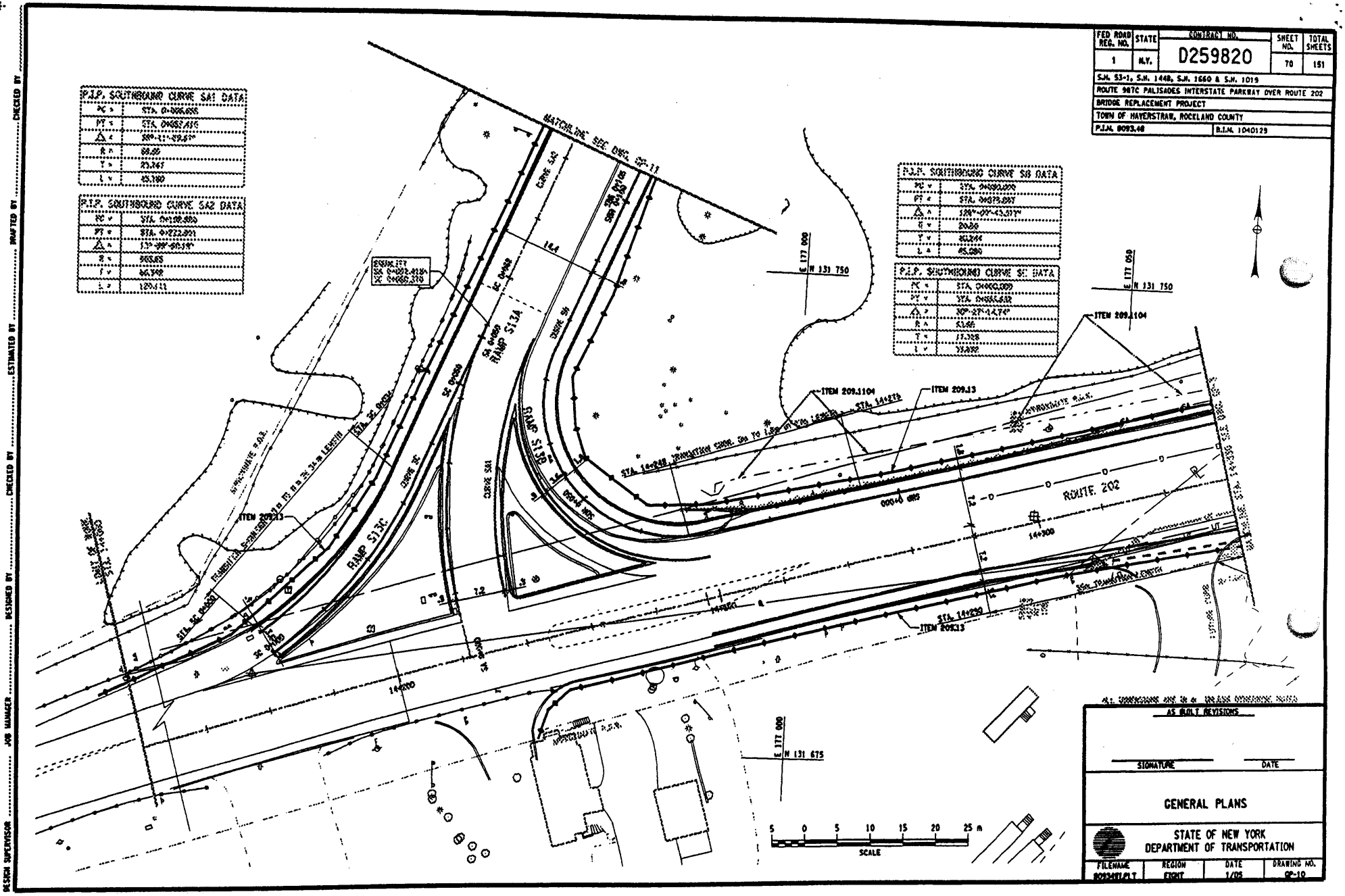
AS BUILT REVISIONS

SIGNATURE DATE

GENERAL PLANS

STATE OF NEW YORK
DEPARTMENT OF TRANSPORTATION

FILENAME	REGION	DATE	DRAWING NO.
8093-BUILT	EIGHT	12/04	GP-1



FED ROAD REG. NO.	STATE	CONTRACT NO.	SHEET NO.	TOTAL SHEETS
1	N.Y.	D259820	70	151

S.H. 53-1, S.H. 1448, S.H. 1660 & S.H. 1019
ROUTE 9&7C PALISADES INTERSTATE PARKWAY OVER ROUTE 202
BRIDGE REPLACEMENT PROJECT
TOWN OF HAVERSTRAW, ROCKLAND COUNTY
P.I.N. 8093.48 B.I.N. 1040129

AS BUILT REVISIONS

SIGNATURE DATE

GENERAL PLANS

STATE OF NEW YORK
DEPARTMENT OF TRANSPORTATION

FILENAME	REGION	DATE	DRAWING NO.
8093481/GLT	EIGHT	1/05	GP-10

DESIGN SUPERVISOR ..... JOB MANAGER ..... DESIGNED BY ..... CHECKED BY ..... ESTIMATED BY ..... DRAFTED BY ..... CHECKED BY .....

FILE NAME : P:\Projects\8093\8093481\GLT.dgn
DATE/TIME : 14-OCT-2005 16:03
USER : wolds

FED ROAD REG. NO.	STATE	CONTRACT NO.	SHEET NO.	TOTAL SHEETS
1	N.Y.	D259820	71	151

S.H. 53-1, S.H. 1448, S.H. 1660 & S.H. 1019
ROUTE 987C PALISADES INTERSTATE PARKWAY OVER ROUTE 202
BRIDGE REPLACEMENT PROJECT
TOWN OF HAVERSTRAW, ROCKLAND COUNTY
P.I.N. 8093.48 B.I.N. 1040129

P.I.P. SOUTHBOUND CURVE SA DATA	
PC =	STA. 0+100.000
PT =	STA. 0+223.999
Δ =	119°-59'-59.19"
R =	366.85
T =	86.340
L =	120.312

E 176 950
N 131 825

E 176 975
N 131 875

E 177 025
N 131 825

STA. SA 0+114

TRANSITION SUPERELEVATION FROM 2% TO 5.8% IN 71.0 LENGTH

ITEM 209.13

STA. SA 0+180

CURVE 366

SA 0+100

SA 0+180

RAMP S13A

SA 0+200

SA 0+223

MATCHLINE SEE STA. SEE 2996, GP-10

ITEM 209.13

ALL SUPERELEVATIONS ARE IN ACCORDANCE WITH

AS BUILT REVISIONS

SIGNATURE DATE

GENERAL PLANS

STATE OF NEW YORK
DEPARTMENT OF TRANSPORTATION

FILENAME	REGION	DATE	DRAWING NO.
8093481.PLT	EIGHT	12/04	GP-11

5 0 5 10 15 20 25 m
SCALE

DESIGN SUPERVISOR ..... JOB MANAGER ..... DESIGNED BY ..... CHECKED BY ..... ESTIMATED BY ..... DRAFTED BY ..... CHECKED BY .....

FILE NAME = P:\Projects\8093\8093481.PLT.dgn
DATE/TIME = 14-OCT-2005 13:03
USER = wadeb

Appendix G

Correspondence from Rockland Department of Public Transportation

COUNTY OF ROCKLAND

DEPARTMENT OF PUBLIC TRANSPORTATION

The Dr. Robert L. Yeager Health Center
Building T
Pomona, New York 10970
(845) 364-2064
Fax (845) 364-2074
www.rocklandgov.com
(Click on the bus)

C. SCOTT VANDERHOEF
County Executive

SALVATORE CORALLO
Commissioner

MICHAEL J. GURSKI
Transit Administrator

October 3, 2008

Mr. David Zigler
ATZL, SCATASSA & ZIGLER, P.C.
234 North Main Street
New City, New York 10956

Re: Minisceongo Park

Dear Mr. ~~Zigler~~ Dave:

Thank you for giving the Department of Public Transportation the opportunity to review the plans for the build out of Minisceongo Park. As long as the roads are configured for access by fire vehicles, buses should also be able to access the site

At this time, the Department of Public Transportation would propose running our Transport of Rockland (TOR) bus Route #95 which serves Haverstraw and Rockland Community College onto this site. TOR Route #95 transfers with these other TOR routes: TOR #59, #91, #93 #94, #97, Loop 3, and Ferry Xpress. I have enclosed copies of these schedules for your information.

We would request a dedicated passenger pick-up and discharge area somewhere along the curbside of Building B. This location provides safe maneuverability with the least amount of pedestrian and vehicular activity. We would also like a stop somewhere in the vicinity of the housing, but we are unsure whether there is a safe place in that vicinity.

We estimate ridership to be about 80 boarding and alighting per-day.

As an observation of the site plan, we note that sidewalks should be provided throughout the site to accommodate pedestrian traffic.

Again, thank you for he opportunity to review the plan. If you have any questions please contact me at (845) 364-2066.

Very truly yours

Michael J. Gurski
Transit Administrator

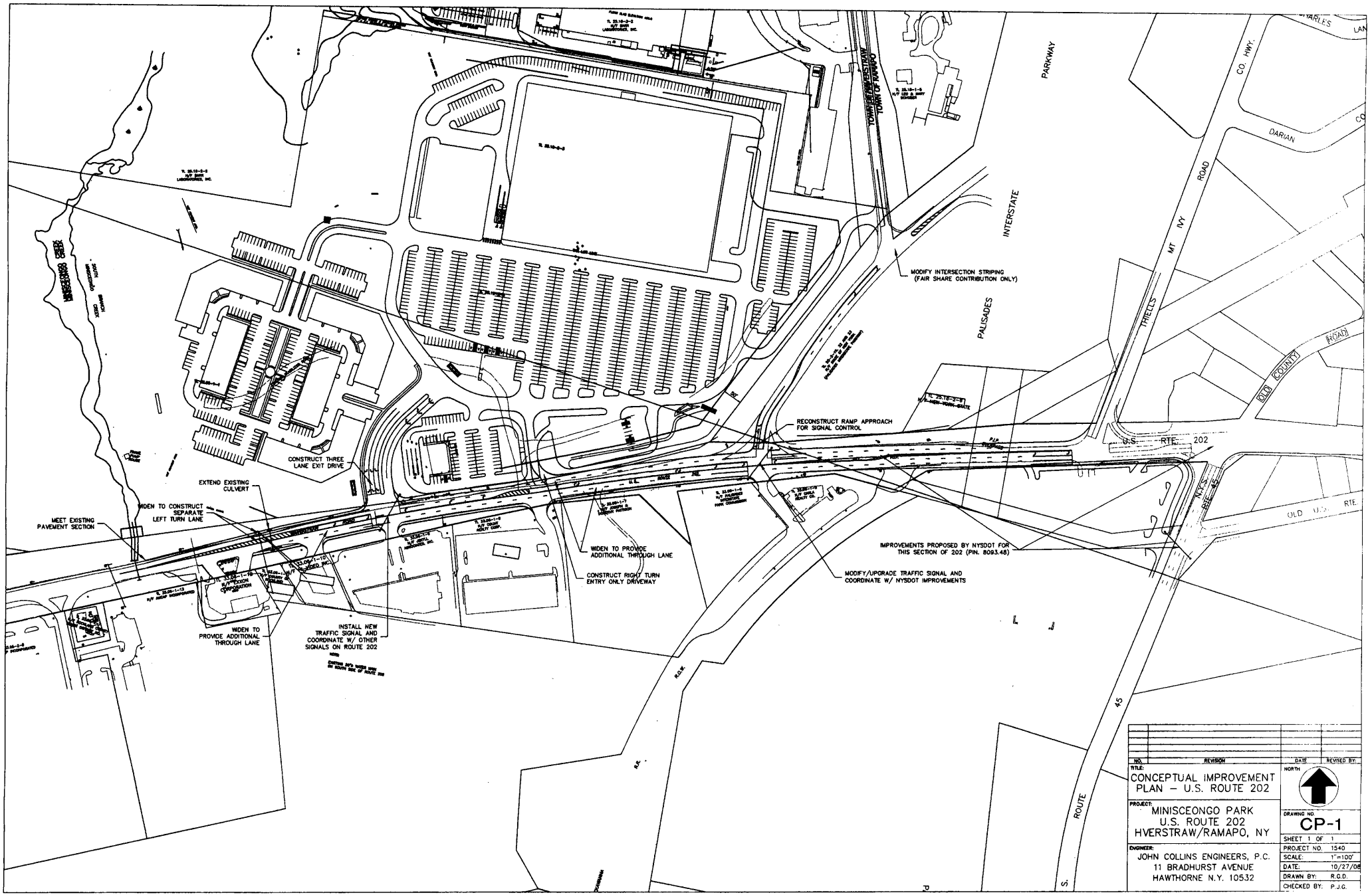
Copy: Patrick Gerdin, Principal Planner (Transportation)
Irwin G. Cohen, TDM Coordinator
Vincent Marzella Jr., Marketing Assistant

TRANSPORT OF ROCKLAND TOR

TRLPS.

Appendix H

Conceptual Roadway Improvement Plan



NO.	REVISION	DATE	REVISED BY:

TITLE:
CONCEPTUAL IMPROVEMENT PLAN – U.S. ROUTE 202

PROJECT:
MINISCEONGO PARK
U.S. ROUTE 202
HVERSTRAW/RAMAPO, NY

ENGINEER:
JOHN COLLINS ENGINEERS, P.C.
11 BRADHURST AVENUE
HAWTHORNE N.Y. 10532

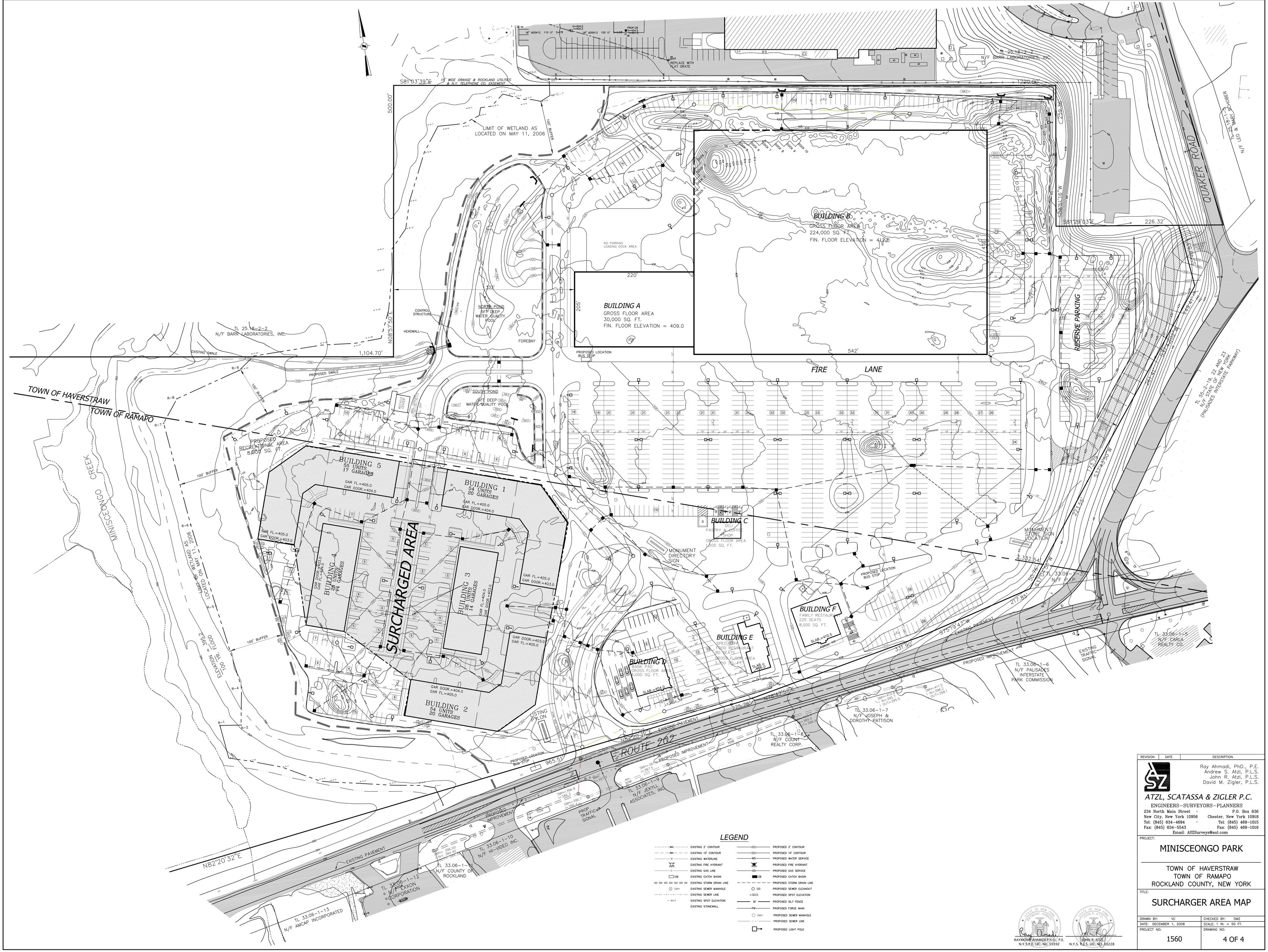
NORTH

DRAWING NO
CP-1

SHEET	1 OF 1
PROJECT NO.	1540
SCALE:	1"=100'
DATE:	10/27/08
DRAWN BY:	R.G.D.
CHECKED BY:	P.J.G.

APPENDIX E

Surcharge Plan



REVISION	DATE	DESCRIPTION

Ray Ahmadi, PhD., P.E.
Andrew S. Atzl, P.L.S.
John R. Atzl, P.L.S.
David M. Zigler, P.L.S.

ATZL, SCATASSA & ZIGLER P.C.

ENGINEERS–SURVEYORS–PLANNERS

234 North Main Street · P.O. Box 636
New City, New York 10956 · Chester, New York 10918
Tel: (845) 634-4694 · Tel: (845) 469-1015
Fax: (845) 634-5543 · Fax: (845) 469-1016
Email: ASZSurveys@aol.com

PROJECT:

MINISCEONGO PARK

TOWN OF HAVERSTRAW
TOWN OF RAMAPO
ROCKLAND COUNTY, NEW YORK

TITLE:

SURCHARGER AREA MAP

DRAWN BY: VC	CHECKED BY: DMZ
DATE: DECEMBER 1, 2008	SCALE: 1 IN. = 50 FT.
PROJECT NO: 1560	DRAWING NO: 4 OF 4

RAYMOND AHMADI P.H.D., P.E.
N.Y.S.P.E. LIC. NO. 59392

JOHN R. ATZL
N.Y.S. P.L.S. LIC. NO. 50228

APPENDIX F

Letter Report on Construction and Demolition Debris

April 28, 2006
HDR Project #33911

Mr. Bruce Katona
Bergstol Enterprises
475 Main Street
New City, NY

Dear Mr. Katona

At your request, Henningson, Durham & Richardson Architecture and Engineering P.C. | Lawler, Matusky & Skelly Engineers LLP (HDR|LMS) has prepared this letter report to assist you with historic fill issues associated with the development of the Minisceongo Park site in Pomona, New York. This letter has been prepared following on an onsite test pit investigation in March 2006 based on a proposal submitted to you by HDR|LMS dated February 21, 2006.

The Minisceongo Park site is located off Route 202 (Haverstraw Road). The southern portion of the property is in the Town of Ramapo and the northern portion of the site is in the Town of Haverstraw. Bulldog Automotive exists within a triangular lot at the southern portion of the property off Route 202. The remainder of the site is undeveloped but has been used historically as a gravel pit. To the west of the site is the South Branch of Minisceongo Creek. Barr Laboratories is to the north along with Mount Ivy trailer park. A site location map, which is part of the Theills, New York USGS topographic Map, is included as Figure 1.

Regulatory Background

New York State Department of Environmental Conservation (NYSDEC) oversees the Environmental Conservation Law 6 NYCRR Part 360 Solid Waste Management Facilities. The regulation was first promulgated in 1966 and any material discarded prior to that year is generally considered by NYSDEC to be exempt from the regulation, provided that the material is not disturbed, remains in place, and the material does not impact potential changes in land use.

NYSDEC typically requires that the solid waste material be removed from a site and disposed as an appropriately licensed facility or suitably properly capped so that the site will comply with Part 360 regulations. If the material is capped in place, a deed restriction is required so that potential future property owners are aware of the site conditions and limitations. If the landfill cover is to be disturbed or any construction is proposed on top of the landfill, NYSDEC would need to be contacted prior to that activity. Based on

HDR | LMS
Henningson, Durham & Richardson Architecture and Engineering, P.C.
in association with HDR Engineering, Inc.

One Blue Hill Plaza, 12th Floor
P.O. Box 1509
Pearl River, NY 10965-8509

Phone: (845) 735-8300
Fax: (845) 735-7466
www.hdrinc.com

HDR|LMS' previous experiences with similar situations, NYSDEC typically will not approve construction of privately owned single-family residential units on top of landfill materials. However, NYSDEC may consider a demonstration that the materials within the landfill materials do not adversely affect the human health of residents within a development under a cooperative ownership or homeowner's association, a variance may be granted.

Previous Investigations

In August 2005, Melick-Tully and Associates, P.C. (MTA) of South Bound Brook, New Jersey prepared a "Limited Environmental Site Investigation Results" report for another developer. The MTA report discussed a historic site records search and a subsurface investigation. MTA's records search identified non-indigenous fill at the site. Therefore, MTA pursued the environmental site investigation consisting of 13 test pits that were focused toward areas where operations, storage, parking and construction activities were more frequent. From these test pits, ten soil samples were collected and submitted to a laboratory for total petroleum hydrocarbons (TPH), priority pollutant metals, base/neutral organic compounds (BNs), and polychlorinated biphenyls (PCBs). A subset of the samples were also submitted for volatile organic compounds based on the TPH results, vapors or observations of the material. Based on MTA's discussion of the field activities, photoionization detector readings were not detected in any of the soils. A faint petroleum odor was noted in one test pit sample.

The results of the analyses show that no VOCs were detected in any of the five samples analyzed. With the exception of PCB Aroclor 1260 (0.062 mg/kg) in the TP-12B sample, no PCBs were detected. Results of the BN analyses show elevated concentrations of polyaromatic hydrocarbons (PAHs) and metals with the concentrations generally on the same or one order of magnitude above the recommended soil cleanup objectives in NYSDEC's Technical and Administrative Guidance Memorandum #4046 (TAGM #4046).

The MTA report is included as Attachment 1.

Document Review Summary

Based on a review of the MTA report, historic aerial photographs, and topographic maps, some material existing at the Minisceongo Creek site, the nature of which will be discussed further later in this report, appears to have been placed sometime after 1970. However, the exact date of the placement of this material has not been determined. Therefore, the solid waste at the site is likely subject to Part 360 regulations.

A review of the proposed cut and fill plan for the site (Figure 2) shows that approximately 450,000 cubic yards of material will be added to the existing topography to raise the

elevation to the desired grade. The corresponding thickness of the added material is up to 14 feet.

Subsurface Investigations

To provide additional information about site conditions, HDR|LMS has initiated a subsurface investigation of the Minisceongo Creek Site. The subsurface investigation was focused on areas where disturbances were noted from the aerial photographs. During this activity, HDR|LMS contracted an excavator and observed the advancement of test pits across the Site. To assess the soil conditions, HDR|LMS contracted with a NY State Department of Health (NYSDOH) certified laboratory to analyze samples of the material.

To assess the material proposed to remain in place, a subsurface investigation of the site took place from March 9 through March 13, 2006. The objective of the investigation was to delineate the extent of the fill material and to assess the chemical nature of the material. Information from this investigation was evaluated to present proposals to either allow the material to remain in place or for pre-classification for off-site disposal at an appropriately licensed facility.

The test pit investigation was initiated by attempting to locate the test pits advanced by MTA in August 2005. However, only five of the 13 previously advanced test pits could be identified. HDR|LMS observed the advancement of 37 additional test pits during the subsurface investigation. A site map with the test pit locations presented with the historic elevation contours and overlain on an aerial photograph is included as Figure 3.

All of the pits advanced by HDR|LMS as well as the MTA test pits that were located were located by digital global positioning satellite (DGPS) as reasonably possible. Organic vapor measurements were collected using a photoionization detector (PID). Additional field instrument readings included percent lower explosive limit (%LEL), oxygen content, hydrogen sulfide and carbon monoxide. No elevated instrument readings were observed during test pitting and sampling activities.

The material encountered consisted mainly of sand with construction and demolition materials intermixed. The construction and demolition materials were described as containing asphalt, concrete, and bricks. Metal, wood, cut stone and roofing shingles were observed in occasional test pits. In general, the thickness of the fill ranged up to approximately 5 feet. Based on the distribution of the waste over the property, it is estimated that over 43,000 cubic yards of material exists at the site.

Soil samples were collected from eight selected test pits based on the field scientist's observations and field instrument readings. A sample log that identifies the sample location with a brief description of the materials encountered is included as Attachment _.

The soil samples were collected for semi-volatile organic compounds (SVOCs), metals, pesticides, and PCBs. If the PID measured readings above background conditions, samples were to be collected for volatile organic compounds (VOCs). However, because no PID readings above background readings were measured, no samples were collected for VOCs. All samples were transferred to laboratory supplied glassware and stored on ice following sample collection. The samples were shipped by courier to a New York State Department of Health licensed laboratory for analyses.

The results of the samples are compared to the recommended soil cleanup objectives presented in NYSDEC Technical and Administrative Guidance Memorandum #4046 and the proposed Brownfield Cleanup standards. Currently, NYSDEC is in the process of issuing new soil cleanup standards based on end use of the property. The proposed standards incorporate non-restricted residential and restricted residential criteria. In general, the non-restricted criteria are to be applied to single-family homes where the owner owns the land in addition to the building. Non-restricted residential would apply to management associations such as condominiums, townhouses, co-ops or apartments. These standards are not currently in effect but have been issued for public review. Implementation date of the proposed standards is not known.

Based on a review of the existing documentation and the test pits observations, three distinct areas are noted as described in the following paragraphs.

Area 1

The first area is the northeastern portion of the property. Test pits advanced in this area encountered construction and demolition (C&D) debris composed of bricks, asphalt, and concrete. Remnants of tar paper were also observed in trace amounts in some of the test pits. In most of the pits, the debris was encountered immediately below the surface to a depth of approximately two feet. The depth to the bottom of the debris is shown by the contours presented by Figure 4. Test pit locations are also indicated in Figure 3. Test pits logs indicating the materials encounter in each pit as well as the depth at which the material was encountered are included as Attachment B.

Six (6) soil samples were collected from Area 1. The results from these samples show that Up to seven (7) SVOCs were detected in concentrations that exceed the RSCOs (Table 1). With the exception of two SVOCs detected in Test pit TP-19, the exceedances were on the same or one order of magnitude above the RSCOs. At TP-19, the concentrations of benzo(a)pyrene and dibenzo(a,h)anthracene were two orders of magnitude above the RSCOs. The concentrations of five of these SVOCs were also above the restricted residential cleanup objectives. These exceedances were on the same order of magnitude as the restricted residential cleanup objectives with the exception of the dibenzo(a,h)anthracene concentration detected in TP-19 diluted sample. No pesticides

(Table 2) or PCBs (Table 3) were detected above the RSCOs or restricted residential cleanup objectives. Up to seven (7) metals were detected in concentrations exceeding the RSCOs (Table 4). However, only the barium concentration in the sample collected from TP-1 (411 mg/kg) was above the restricted residential cleanup objectives. Concentrations of calcium, magnesium, and zinc were above the Eastern USA background concentrations as presented in TAGM 4046.

Area 2

The second area at the site is at the western section of the site and is shown on Figure 3. A pit advanced in this area (TP-35) encountered C&D as well as multiple buried tires. The tires in this test pit were not completely delineated due to the scope of this investigation and the limitations of the excavation equipment on site during this investigation. Large pieces of concrete with rebar that were encountered in this test pit limited the extent of the excavation using the tire mounted backhoe. Tires that were encountered while excavating were removed from the subsurface and temporarily stages adjacent to the test pit. However, the possibility of additional buried tires adjacent to this test pit exists. The materials encountered in this test pit were concentrated deeper than the other test pits advanced on the site, with the most concentrated material existing between 2 and 5 feet below ground surface. However, the bottom limit of the materials could not be determined due to the ground water being encountered.

A soil sample was collected from this test pit and results from the sample indicate four SVOCs exceed TAGM 4046 at the same or one order of magnitude above the RSCOs (Table 1). Concentrations of each of these compounds are below the proposed restricted residential cleanup objectives. Five metals were detected in concentrations that exceed the TAGM RSCOs (Table 4). However, each of these metal concentrations are below the restricted residential cleanup objectives. One metal (magnesium) also exceeded the Eastern USA background concentrations listed in TAGM. No proposed restricted residential cleanup objective exists for magnesium. No pesticides (Table 3) or PCBs (Table 4) were detected in this sample.

Area 3

The third area on site is the Bulldog Automotive property. This property has been briefly addressed in reports prepared by others and reviewed by HDR|LMS. However, an underground storage tank and hydraulic lift remain and need to be removed prior to site development. This work is not currently scheduled.

Discussion of Results

The estimated volume of material existing on site is over 43,000 cubic yards. Costs associated with the excavation, transport and disposal of this volume of material are prohibitive toward the development of the site. Therefore, the most cost effective way to address the material is for it to be handled on site with a deed restriction and engineering controls to limit potential future human contact with the material.

A deed restriction is necessary to protect potential future property owners so that the new owners are aware of the site conditions and restrictions associated with those conditions. Areas that contain objectionable material, such as the tires that were encountered in Test Pit TP-35, should be excavated and transported to a facility that is appropriately licensed to accept that material. Engineering controls will need to be established to reduce the potential impact to humans. These controls may include a vapor barrier, active or passive venting layer, and appropriate thickness (two feet or more) of cover material or a combination of these measures. The placement of the additional material to raise the site elevation will serve as a buffer for the construction and demolition materials that exist on site. Based on the lack of odors and PID readings above background concentrations, a vapor barrier and/or active or passive venting layer does not appear to be necessary for this site.

A second option for the site development may be to consolidate materials at areas of the site where buildings will not be constructed or in areas of limited or no human exposure. These areas may include under roadways or concrete surfaces or in landscaped areas. Specific areas where the materials can be placed will be dependent on the site development plan.

HDR|LMS is pleased to provide our environmental consulting services to you. If you have any questions or need more information, please call me at 845-735-8300 ext. 354 or email me at edward.schwetz@hdrinc.com.

Sincerely,
Henningson, Durham & Richardson
Architecture and Engineering, P. C.
In association with HDR Engineering, Inc.

Edward Schwetz, PG
Project Geologist

Tables 1-4
Figures 1-4
Attachment A – MTA Report

Attachment B – Sample Log Summary
Attachment C – Test Pit logs
Attachment D – Laboratory report

Table 1
Semi-Volatile Organic Compound Concentrations in Soil Samples Results Summary
Bergstol - Minisceongo Creek
Pomona, New York

Sample ID	TP-1	TP-8	TP-13	TP-17	TP-19	TP-19DL	TP-25	TP-28	TP-35	NYSDEC TAGM 4046 Rec. Soil Cleanup Objectives (mg/Kg)	Proposed Restricted Residential Cleanup Objectives (mg/Kg)
Lab Sample Number	E0346-01	E0346-02	E0346-03	E0346-04	E0346-05	E0346-05	E0346-06	E0346-07	E0346-08		
Sampling Date	03/09/2006	03/09/2006	03/09/2006	03/09/2006	03/13/2006	03/13/2006	03/13/2006	03/13/2006	03/13/2006		
Matrix	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL		
Dilution Factor	1.0	1.0	1.0	1.0	1.0	5.0	1.0	1.0	1.0		
Semi-Volatile Organic Compounds (mg/Kg)											
Naphthalene	1.500 U	0.150 J	0.380 U	0.380 U	1.600	2.000 D	1.800 U	0.370 U	0.140 J	13	100
2-Methylnaphthalene	1.500 U	0.044 J	0.380 U	0.380 U	0.390	0.480 DJ	1.800 U	0.370 U	0.120 J	36.4	N/A
Acenaphthylene	1.500 U	0.220 J	0.097 J	0.200 J	0.330 J	0.210 DJ	0.450 J	0.370 U	0.170 J	41	100
Acenaphthene	1.500 U	0.140 J	0.380 U	0.045 J	1.400	1.600 DJ	1.800 U	0.370 U	0.210 J	50	100
Dibenzofuran	1.500 U	0.710 J	0.380 U	0.033 J	0.910	1.100 DJ	1.800 U	0.370 U	0.180 J	6.2	N/A
Fluorene	1.500 U	0.110 J	0.380 U	0.058 J	1.300	1.700 DJ	0.230 J	0.370 U	0.270 J	50	100
Phenanthrene	0.350 J	1.200	0.360 J	0.730	16.000 E	13.000 D	2.700	0.370 U	0.560	50	100
Anthracene	1.500 U	0.380 J	0.100 J	0.260 J	3.000	3.300 D	0.510 J	0.370 U	0.290 J	50	100
Carbazole	1.500 U	0.130 J	0.042 J	0.120 J	1.800	2.200 D	1.800 U	0.370 U	0.080 J	N/A	N/A
Di-n-butylphthalate	1.500 U	0.400 U	0.380 U	0.081 J	0.012 J	1.800 U	1.800 U	0.370 U	0.370 U	8.1	N/A
Fluoranthene	0.630 J	2.400	0.610	1.500	21.000 E	16.000 D	3.600	0.370 U	0.920	50	100
Pyrene	0.690 J	2.500	0.640	1.400	15.000 E	13.000 D	3.100	0.370 U	0.960	50	100
Butylbenzylphthalate	1.500 U	0.400 U	0.380 U	0.510	0.360 U	1.800 U	1.800 U	0.370 U	0.370 U	50	N/A
3,3-Dichlorobenzidine	1.500 U	0.400 U	0.380 U	0.380 U	0.360 U	1.800 U	1.800 U	0.370 U	0.370 U	N/A	
Benzo(a)anthracene	**0.410 J**	***1.400***	**0.380**	**0.790**	***7.000 E***	***6.900 D***	***1.600 J***	0.370 U	**0.570**	0.224	1.3
Chrysene	**0.410 J**	**1.400**	0.390	**0.860**	**6.400 E**	**7.000 D**	**1.700 J**	0.370 U	**0.610**	0.4	13
bis(2-Ethylhexyl)phthalate	1.500 U	0.074 J	0.110 J	1.000	0.120 J	0.220 DJ	1.800 U	0.064 J	0.130 J	50	N/A
Di-n-octyl phthalate	1.500 U	0.400 U	0.380 U	0.380 U	0.360 U	1.800 U	1.800 U	0.370 U	0.370 U	50	
Benzo(b)fluoranthene	1.500 U	***1.300***	0.450	0.920	***6.800 E***	***7.600 D***	***1.500 J***	0.370 U	0.540	1.1	1.3
Benzo(k)fluoranthene	1.500 U	0.640	0.180 J	0.400	**2.300**	**3.300 D**	0.830 J	0.370 U	0.290 J	1.1	13
Benzo(a)pyrene	**0.370 J**	***1.100***	**0.370 J**	**0.700**	***4.800***	***5.900 D***	***1.200 J***	0.370 U	**0.460**	0.061	1
Indeno(1,2,3-cd)pyrene	0.240 J	0.650	0.260 J	0.440	*2.300*	***3.400 D***	0.640 J	0.370 U	0.260 J	3.2	1.3
Dibenz(a,h)anthracene	1.500 U	**0.200 J**	**0.077 J**	**0.140**	***0.730***	***1.100 DJ***	**0.220 J**	0.370 U	**0.089 J**	0.014	0.33
Benzo(g,h,i)perylene	0.290 J	0.780	0.330 J	0.510	2.700	3.700 D	0.690 J	0.370 U	0.320 J	50	100
Total Confident Conc. SVOC	3.390	15.528	4.396	10.697	95.892	109.910	18.970	0.064	7.169	500	
Total TICs	0.000	3.040 NJ	1.560 J	5.610 J	4.450 NJ	10.290 NJD	1.100 NJ	0.000	1.640 NJ		

Qualifiers:

U - The compound was not detected at the indicated concentration.
J - Data indicates the presence of a compound that meets the identification criteria. The result is less than the quantitation limit but greater than zero. The concentration given is an approximate value.
B - The analyte was found in the laboratory blank as well as the sample. This indicates possible laboratory contamination of the environmental sample.
P - For dual column analysis, the percent difference between the quantitated concentrations on the two columns is greater than 40%.
* - For dual column analysis, the lowest quantitated concentration is being reported due to coeluting interference.

Notes:

NR - Not analyzed
Bold - Bold text denotes exceedence of NYSDEC TAGM 4046 Recommended Soil Cleanup Objectives
Italic - concentrationsin italics denote exceedence of Proposed Restricted Residential Cleanup Objectives

Table 2
Pesticide Concentrations in Soil Samples Results Summary
Bergstol - Minisceongo Creek
Pomona, New York
Pesticides

Sample ID	TP-1	TP-8	TP-13	TP-17	TP-19	TP-25	TP-28	TP-35	NYSDEC TAGM 4046 Rec. Soil Cleanup Objectives (mg/Kg)	Proposed Restricted Residential Cleanup Objectives (mg/Kg)
Lab Sample Number	**E0346-01**	**E0346-02**	**E0346-03**	**E0346-04**	**E0346-05**	**E0346-06**	**E0346-07**	**E0346-08**		
Sampling Date	**03/09/2006**	**03/09/2006**	**03/09/2006**	**03/09/2006**	**03/13/2006**	**03/13/2006**	**03/13/2006**	**03/13/2006**		
Matrix	**SOIL**	**SOIL**	**SOIL**	**SOIL**	**SOIL**	**SOIL**	**SOIL**	**SOIL**		
Dilution Factor	**1.0**	**1.0**	**1.0**	**1.0**	**1.0**	**1.0**	**1.0**	**1.0**		
Pesticides (mg/Kg)										
Alpha-BHC	0.0019 U	0.002 U	0.002 U	0.0019 U	0.0018 U	0.0019 U	0.0019 U	0.0019 U	0.11	0.48
Beta-BHC	0.0019 U	0.002 U	0.002 U	0.0019 U	0.0018 U	0.0019 U	0.0019 U	0.0019 U	0.2	0.36
Delta-BHC	0.0019 U	0.002 U	0.002 U	0.0019 U	0.0018 U	0.0019 U	0.0019 U	0.0019 U	0.3	100
Gamma-BHC	0.0019 U	0.002 U	0.002 U	0.0019 U	0.0018 U	0.0019 U	0.0019 U	0.0019 U	0.06	1.3
Heptachlor	0.0019 U	0.002 U	0.002 U	0.0019 U	0.0018 U	0.0019 U	0.0019 U	0.0019 U	0.1	2.1
Aldrin	0.0019 U	0.002 U	0.002 U	0.0019 U	0.0018 U	0.0019 U	0.0019 U	0.0019 U	0.041	0.1
Heptachlor epoxide	0.0019 U	0.002 U	0.002 U	0.0019 U	0.0018 U	0.0019 U	0.0019 U	0.0019 U	0.02	N/A
Endosulfan I	0.0019 U	0.002 U	0.002 U	0.0019 U	0.0018 U	0.0019 U	0.0019 U	0.0019 U	0.9	24
Dieldrin	0.0046	0.004 U	0.0059	0.0092	0.0036 U	0.0037 U	0.0037 U	0.0037 U	0.044	0.2
4,4'-DDE	0.0038 U	0.0061	0.0094	0.012	0.0036 U	0.0072	0.0037 U	0.0037 U	2.1	8.9
Endrin	0.0038 U	0.004 U	0.0038 U	0.0038 U	0.0036 U	0.0037 U	0.0037 U	0.0037 U	0.1	11
Endosulfan II	0.0038 U	0.004 U	0.0038 U	0.0038 U	0.0036 U	0.0037 U	0.0037 U	0.0037 U	0.9	24
4,4'-DDD	0.008 P	0.0058 P	0.0038 U	0.0038 U	0.0036 U	0.010	0.0037 U	0.0037 U	2.9	13
Endosulfan sulfate	0.0038 U	0.004 U	0.0038 U	0.0038 U	0.0036 U	0.0037 U	0.0037 U	0.0037 U	1	24
4,4'-DDT	0.046	0.029	0.024	0.025	0.011	0.012	0.0037 U	0.0037 U	2.1	7.9
Methoxychlor	0.020 P	0.046	0.029 P	0.030	0.077	0.019 U	0.019 U	0.019 U	***	N/A
Endrin ketone	0.005	0.0046 P	0.0067	0.0054	0.014	0.0037 U	0.0037 U	0.0037 U	N/A	N/A
Endrin aldehyde	0.0038 U	0.004 U	0.0038 U	0.0038 U	0.0036 U	0.0037 U	0.0037 U	0.0037 U	N/A	N/A
Alpha-Chlordane	0.0052 P	0.002 U	0.030	0.0093 P	0.0074	0.010 P	0.0019 U	0.0019 U	0.54	4.2
Gamma-chloradane	0.004	0.0036 P	0.027	0.0093	0.0062 P	0.011	0.0019 U	0.0019 U	N/A	N/A
Toxaphene	0.190 U	0.200 U	0.200 U	0.190 U	0.180 U	0.190 U	0.190 U	0.190 U	N/A	N/A

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B - The analyte was found in the laboratory blank as well as the sample. This indicates possible laboratory contamination of the environmental sample.
P - For dual column analysis, the percent difference between the quantitated concentrations on the two columns is greater than 40%.
* - For dual column analysis, the lowest quantitated concentration is being reported due to coeluting interference.

Notes:

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Table 3
PCB Concentrations in Soil Samples Results Summary
Bergstol - Minisceongo Creek
Pomona, New York

Sample ID	TP-1	TP-8	TP-13	TP-17	TP-19	TP-25	TP-28	TP-35	NYSDEC TAGM 4046 Rec. Soil Cleanup Objectives (mg/Kg)	Proposed Restricted Residential Cleanup Objectives (mg/Kg)
Lab Sample Number	E0346-01	E0346-02	E0346-03	E0346-04	E0346-05	E0346-06	E0346-07	E0346-08		
Sampling Date	03/09/2006	03/09/2006	03/09/2006	03/09/2006	03/13/2006	03/13/2006	03/13/2006	03/13/2006		
Matrix	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL		
Dilution Factor	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0		
Polychlorinated Biphenyls (mg/Kg)										
Aroclor-1016	0.038 U	0.04 U	0.038 U	0.038 U	0.036 U	0.037 U	0.038 U	0.037 U		
Aroclor-1221	0.038 U	0.04 U	0.038 U	0.038 U	0.036 U	0.037 U	0.038 U	0.037 U		
Aroclor-1232	0.038 U	0.04 U	0.038 U	0.038 U	0.036 U	0.037 U	0.038 U	0.037 U		
Aroclor-1242	0.038 U	0.04 U	0.048	0.038 U	0.036 U	0.037 U	0.038 U	0.037 U		
Aroclor-1248	0.038 U	0.04 U	0.038 U	0.075	0.036 U	0.037 U	0.038 U	0.037 U		
Aroclor-1254	0.038 U	0.04 U	0.038 U	0.038 U	0.036 U	0.048 P	0.051	0.037 U		
Aroclor-1260	0.038 U	0.044 P	0.038 U	0.038 U	0.036 U	0.037 U	0.038 U	0.037 U		
Total PCBs	U	0.044 P	0.048	0.075	U	0.048 P	0.051	U	1	1

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P - For dual column analysis, the percent difference between the quantitated concentrations on the two columns is greater than 40%.
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Table 4
Metals Concentrations in Soil Samples Results Summary
Bergstol - Minisceongo Creek
Pomona, New York

Sample ID	TP-1	TP-8	TP-13	TP-17	TP-19	TP-25	TP-28	TP-35	Eastern USA Background (mg/Kg)	NYSDEC TAGM 4046 Rec. Soil Cleanup Objectives (mg/Kg)	Proposed Restricted Residential Cleanup Objectives (mg/Kg)
Lab Sample Numl	E0346-01	E0346-02	E0346-03	E0346-04	E0346-05	E0346-06	E0346-07	E0346-08			
Sampling Date	03/09/2006	03/09/2006	03/09/2006	03/09/2006	03/13/2006	03/13/2006	03/13/2006	03/13/2006			
Matrix	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL			
Dilution Factor	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0			
Inorganics (mg/Kg)											
Aluminum	6,350	9,080	7,100	7,440	6,980	5,280	4,040	6,400	33,000	SB	NA
Antimony	0.31 B	0.41 B	0.28 B	0.04 U	0.16 B	0.23 B	0.36 B	0.23 B	N/A	SB	NA
Arsenic	1.6	3.6	2.8	1.7	2.2	1.6	0.064 U	1.6	3 - 12	7.5 or SB	16
Barium	*411*	297	120	210	191	104	20.9	43.5	15 - 600	300 or SB	400
Beryllium	**0.37**	**0.57**	**0.4**	**0.37**	**0.42**	**0.3**	**0.3**	**0.33**	0 - 1.75	0.16 or SB	72
Cadmium	0.049 B	0.046 B	0.0045 U	0.004 U	0.059 B	0.0037 U	0.0046 U	0.0034 U	0.1 - 1	1 or SB	4.3
Calcium	18,300	18,300	6,950	11,200	46,900	19,500	1,430	43,700	130 - 35,000	SB	NA
Chromium	**13.7**	**21.8**	**13.8**	**11.7**	**14.1**	**10.6**	5.7	**11.2**	1.5 - 40	10 or SB	180
Cobalt	4.7	7.4	4.7	5	5.4	4	3.7	4	2.5 - 60	30 or SB	NA
Copper	**26.3**	**56.4**	**43.7**	22.3	**39.7**	24.8	6.2	21.6	1 - 50	25 or SB	270
Iron	**10,200**	**16,700**	**11,300**	**13,100**	**14,300**	**8,450**	**7,390**	**8,280**	2,000 - 550,000	2,000 or SB	NA
Lead	138	287	155	75.2	259	62.2	8	53.4	400	SB	400
Magnesium	3,440	5,290	2,330	2,850	21,400	8,300	1,620	19,800	100 - 5,000	SB	NA
Manganese	250	281	261	296	268	214	302	191	50 - 5,000	SB	2000
Nickel	11	**18.2**	11.6	10.9	13	9.3	8.5	9.2	0.5 - 25	13 or SB	310
Potassium	1,020	3,390	972	682	1,430	688	351	731	8,500 - 43,000	SB	NA
Selenium	0.050 U	0.048 U	0.055 U	0.048 U	0.04 U	0.045 U	0.056 U	0.042 U	0.1 - 3.9	2 or SB	180
Silver	0.014 U	0.014 U	0.016 U	0.014 U	0.011 U	0.013 U	0.016 U	0.012 U	N/A	SB	180
Sodium	87.6	153	98.7	121	117	90	20.1 B	110	6,000 - 8,000	SB	NA
Thallium	0.4 B	0.75	0.52 B	0.7 B	0.82	0.093 B	0.59 B	0.23 B	N/A	SB	NA
Vanadium	19.9	32.5	18.7	16.4	20.7	23.1	8	15.8	1 - 300	150 or SB	NA
Zinc	265	221	122	178	161	85	21.3	46.7	9 - 50	20 or SB	11000
Mercury	**0.17**	**0.54**	**0.24**	0.097	**0.19**	**0.11**	0.011 B	0.093	0.1	0.1	0.81

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__ - Concentrations with underlines denote exceedences of Eastern USA Background Concentration in TAGM 4046