

## CITY OF RYE

### NOTICE

There will be a regular meeting of the City Council of the City of Rye on Wednesday, October 7, 2015, at 7:30 p.m. in Council Chambers at City Hall. *The Council will convene at 6:30 p.m. and it is expected they will adjourn into Executive Session at 6:31 p.m. to attorney/client matters.*

### AMENDED AGENDA

1. Pledge of Allegiance.
2. Roll Call.
3. General Announcements.
4. Draft unapproved minutes of the regular meeting of the City Council held September 16, 2015.
5. Issues Update/Old Business.
6. Resolution authorizing the acceptance of funding through the NY Rising Community Reconstruction Program and providing authorization for the Mayor and City Council to Manager to enter into the following agreement and resolutions:
  - NY Rising Community Reconstruction Program Subrecipient Agreement
  - Resolution to adopt a Procurement Policy
  - Resolution to adopt a Citizen Participation Plan
  - Resolution to adopt an Affirmative Action Plan
  - Resolution to adopt Section 504 Policies and Grievance Procedures
7. ~~Continuation of Public Hearing to amend local law Chapter 197, "Zoning", of the Rye City Code by amending Section §197-2, "Districts, A: Residence Districts" to change the zoning designation of a property at 120 Old Post Road from the B-4, Office Building, District to a New RA-6, Active Senior Residence, District; and amending Section §197-86, "Tables of Regulations: Table A, Residence Districts—Area Yard, Height and Miscellaneous Regulations" to add the proposed RA-6 zone.~~ **Deferred to October 21, 2015 meeting**
8. Continuation of Public Hearing to amend local law Chapter 133, "Noise", of the Rye City Code regarding regulations on mechanical rock removal.
- 8A. Discussion to amend local law Chapter 191, "Vehicles and Traffic", of the Rye City Code by amending Section §191-19, "No parking any time", to prohibit parking on the north side of Osborn Road between Theall Road and the Harrison line and on the south side of Osborn Road between Coolidge Avenue and the Harrison line.
9. Summary of the 2016 Budget Process and Consideration of setting the 2016 Budget Workshop schedule.

10. Residents may be heard on matters for Council consideration that do not appear on the agenda.
- 10A. Consideration of a request for a waiver from the Rock Chipping Moratorium for the project located at 50 Cowles Avenue.
11. Resolution to transfer \$15,000 from the Contingency account to fund the restoration and placement of the City of Rye Mile Markers.
12. Resolution to declare certain City of Rye Police equipment as surplus.  
Roll Call.
13. Consideration of a request by the Recreation Department to hold their 39<sup>th</sup> annual *Turkey Run* on Saturday, November 28, 2015 during Thanksgiving Weekend.
14. Consideration of a request by the Rye Merchants Association to close a portion of Purchase Street on Sunday, November 29, 2015 from 10:00 a.m. to 3:00 p.m. for the *Mistletoe Magic* event.
15. Miscellaneous communications and reports.
16. New Business.
17. Adjournment.

\* \* \* \* \*

The next regular meeting of the City Council will be held on Wednesday, October 21, 2015 at 7:30 p.m.

\*\* City Council meetings are available live on Cablevision Channel 75, Verizon Channel 39, and on the City Website, indexed by Agenda item, at [www.ryeny.gov](http://www.ryeny.gov) under "RyeTV Live".

\* Office Hours of the Mayor by appointment by emailing [jsack@ryeny.gov](mailto:jsack@ryeny.gov) or contacting the City Manager's Office at (914) 967-7404.





# CITY COUNCIL AGENDA

NO. 4

DEPT.: City Clerk

DATE: October 7, 2015

CONTACT: City Clerk

**AGENDA ITEM** Draft unapproved minutes of the regular meeting of the City Council held October 7, 2015.

**FOR THE MEETING OF:**

October 7, 2015

**RYE CITY CODE,**

CHAPTER

SECTION

**RECOMMENDATION:** That the Council approve the draft minutes.

**IMPACT:** ☐ Environmental ☐ Fiscal ☐ Neighborhood ☒ Other:

**BACKGROUND:** Approve the minutes of the regular meeting of the City Council held October 7, 2015, as attached.

***DRAFT UNAPPROVED MINUTES*** of the  
Regular Meeting of the City Council of the City of  
Rye held in City Hall on September 16, 2015 at 7:30  
P.M.

PRESENT:

JOSEPH A. SACK Mayor  
LAURA BRETT  
KIRSTIN BUCCI  
JULIE KILLIAN  
TERRENCE McCARTNEY  
RICHARD MECCA  
RICHARD SLACK  
Councilmembers

ABSENT:     None

Councilman McCartney made a motion, seconded by Councilman Slack and unanimously carried to adjourn into executive session to discuss a personnel matter at 6:31 p.m. The regular meeting convened at 7:40 p.m.

1.     Pledge of Allegiance

Mayor Sack called the meeting to order and invited the Council to join in the Pledge of Allegiance.

2.     Roll Call

Mayor Sack asked the Corporation Counsel to call the roll; a quorum was present to conduct official city business.

3.     Recognition of Rye resident James McHugh for his first MGA title at the 98<sup>th</sup> Met Junior Golf Championship.

Mayor Sack congratulated James McHugh for winning his first Metropolitan Golf Association title at the 98<sup>th</sup> Met Junior Golf Championship. He noted that James played in his first tournament at age 5 and has achieved many accomplishments both on the golf course and off, in raising money for diabetes research. Councilman McCartney, Liaison to the Rye Golf Club, spoke about James' talent, his work ethic and that he was just a great kid. The Mayor and Councilman McCartney presented James McHugh with a proclamation.

4.     General Announcements by the Council

City Manager Marcus Serrano said that he is proud to introduce the new City Clerk, Carolyn D'Andrea, who is an attorney and currently is the Deputy Corporation Counsel from the Village of Scarsdale. Carolyn is changing careers to become the City Clerk and is excited about her new position; she brings an air of energy and enthusiasm and stood out amongst the many

candidates who were interviewed for the City Clerk position. Carolyn introduced herself and thanked the Mayor and Council for their support.

Councilman Mecca reported that he attended the Chamber of Commerce Meeting where the City Manager was the speaker. There was a discussion at the meeting about using Playland as offsite parking for the downtown with a shuttle to transport people. Councilman Mecca also noted upcoming community events including the Rye Newcomers barbecue and *A Taste of Rye* sponsored by My Sister's Place. He reminded residents that the Farmer's Market is open every Sunday from 8 a.m. to 2:30 p.m.

Councilwoman Brett reminded everyone that train station parking renewal was ongoing and encouraged everyone to renew early; parking renewal is available online at the City website [www.ryeny.gov](http://www.ryeny.gov).

Councilwoman Killian noted that there will be a Consumer Solar Workshop at the Rye Free Reading Room on Tuesday, October 20<sup>th</sup> from 7 to 9 p.m. She offered good news that the Rye Drug and Alcohol Coalition received a \$75,000 mentor grant from the Federal Government to set up the program with the Westchester Drug and Alcohol Coalition acting as their mentor. Rye was one of 20 communities that received this funding.

Councilman McCartney reported that Recreation Halloween Window Painting sign-up had begun and only 500 teams can register. The Rye Seniors Club is back after summer hiatus and the Club offers many different activities so please join. He was pleased to note that the Rye Golf Club greens are back open and is almost back to normal. The Club Championship will be played on September 26, 27 and October 3 and 4.

Councilman Slack reported that he attended the RTV Committee meeting and noted that the Rye Town Park Concert Series is available to view online at [RyeTV.org](http://RyeTV.org).

Mayor Sack pointed out the pink bows attached to the dais and asked Lisa Dominici Faires to come to the podium and explain their significance (see Agenda Item #17).

5. Approval of the election of three new members to the Rye Fire Department.

Councilman Mecca made a motion, seconded by Mayor Sack and unanimously carried, to adopt the following Resolution:

**RESOLVED**, that the City Council of the City of Rye hereby approves the election of Kelvin Leong to the Milton Point Engine and Hose Company, and John Mayo-Smith and Patrick Kissell to the Fire Police Patrol Company as approved by the Board of Fire Wardens at their August meeting.

6. Draft unapproved minutes of the regular meetings of the City Council held July 8, 2015 and August 5, 2015, and the Presentation of the CIP held August 4, 2015.

Councilman Slack made a motion, seconded by Councilman McCartney and unanimously carried to approve the minutes of the regular meetings of the City Council held on July 8, 2015 and August 5, 2015, and the Presentation of the CIP held on August 4, 2015.

7. Issues Update/Old Business.

Mayor Sack reported that he attended a meeting that afternoon with the County Executive's Office in White Plains along with the City Manager, Assistant City Manager, Corporation Counsel, and other Municipalities on the I&I (Inflow and Infiltration) into the sanitary sewer lines. The County is under a consent decree to limit the flow to the County owned sewage treatment plant at Disbrow Park that City of Rye sewer lines feed into, among other sites. One contributing factor to the excess flow could be basement sump pumps that are illegally hooked up to the sanitary sewer line. The City will need to address how to deal with the I&I issue, including the funding of the necessary studies and remediation.

Mayor Sack also gave an update on the United Hospital development, noting that the Corporation Counsel had been successful in getting the Village of Port Chester to hold additional Public Hearing dates; the City retained a traffic consultant to review the DEIS and to examine the project's impact on the City of Rye. The City is concerned about the size and scale of the project and the impact on the neighborhood immediately adjacent to the project. The City of Rye is an interested party under the SEQR process and will continue to raise these issues. The City has met with the neighbors in the adjacent neighborhoods, is pleased that they are engaged in the process and are appreciative of the coordinated effort of these residents. The Mayor, the City Manager and the City's traffic consultant will be attending the workshop on traffic to be held by the Village of Port Chester on Monday, September 21<sup>st</sup>. The Mayor expressed his hope that the City would get the Village of Port Chester to address the impacts that the City is raising. The City will continue to provide updates as the process progresses.

Councilwoman Killian asked the City Manager to update the Council on the removal of rocks in the City's right of way at the next City Council Meeting.

Councilman McCartney spoke on the success of Lessings, Inc. at the Whitby Castle at Rye Golf Club which is positive as the City has a stake in their profits. Lessings revenues are strong; they will be hitting their goals and the City will be recovering the money they expected when they awarded the contract to Lessings.

- 7A. Resolution to amend the 2015 Adopted Fees and Charges for the Rye Golf Club Enterprise Fund.

Councilman McCartney explained that the Council had reduced guest fees and cart fees during the period when the greens were closed from June 1<sup>st</sup> to September 5<sup>th</sup>. He noted that the RGC greens have reopened, but since they are not fully back, that the discounted charge for guest fees should be discontinued but the reduced golf cart fees should remain in effect. RGC Manager Jim Buonaiuto and the City Manager are in agreement with these changes.

Unfortunately the RGC Commission did not discuss this at their last meeting, but the financial necessity of reinstating the fees and reducing the losses to the RGC are paramount so he asked the Council to amend the fees.

Councilman McCartney made a motion, seconded by Councilwoman Bucci, to adopt the following Resolution:

**RESOLVED**, that the City Council of the City of Rye hereby approves an amendment to the 2015 Adopted Fees and Charges for the Rye Golf Club Enterprise Fund as follows: Guest fees are restored to their 2015 adopted fees; Golf Cart fees will remain at the reduced rate of \$10.00 for Regular Cart fee and \$5.00 for Senior Cart fee.

**ROLL CALL:**

AYES:	Mayor Sack, Councilmembers Brett, Bucci, Killian, McCartney, Mecca and Slack
NAYS:	None
ABSENT:	None

The Resolution was adopted by a 7-0 vote.

8. Resolution authorizing the acceptance of funding through the NY Rising Community Reconstruction Program and providing authorization for the Mayor and City Council to Manager to enter into the following agreement and resolutions:
- NY Rising Community Reconstruction Program Subrecipient Agreement
  - Resolution to adopt a Procurement Policy
  - Resolution to adopt a Citizen Participation Plan
  - Resolution to adopt an Affirmative Action Plan
  - Resolution to adopt Section 504 Policies and Grievance Procedures

This item was deferred to the October 7, 2015 City Council meeting.

9. Continuation of Public Hearing to amend local law Chapter 197, "Zoning", of the Rye City Code by amending Section §197-2, "Districts, A: Residence Districts" to change the zoning designation of a property at 120 Old Post Road from the B-4, Office Building, District to a New RA-6, Active Senior Residence, District; and amending Section §197-86, "Tables of Regulations: Table A, Residence Districts – Area Yard, Height and Miscellaneous Regulations" to add the proposed RA-6 zone.

This item was deferred to the October 7, 2015 City Council meeting.

10. Continuation of Public Hearing to amend local law Chapter 133, "Noise", of the Rye City Code regarding regulations on mechanical rock removal.

Mayor Sack urged commentators to be respectful of one another and the Council, and to listen and appreciate opposing perspectives. He noted that there has been much discourse, not only at the public meetings, but in emails received by the Council that he read aloud. The Mayor asked for speakers who had not spoken at previous meetings to address the Council.

Members of the Rock Chipping Committee shared their views including:

*Al Vitiello* spoke about the purpose of the Committee and their process. He said that many items need further discussion specifically (1) limiting the number of machines, (2) prohibiting chipping after 3:30 p.m., (3) limiting the chipping to 30 days, noting that this does not take factors such as weather and maintenance into account, and (4) draft law includes utility companies and they need to be exempt.

*Andrew Dabinett* noted that the Committee engaged in a robust debate with input from members of the Rye building community, blasting engineers, conservationists, and noise experts. They developed a set of recommendations which became the basis for the draft law.

*Jim Hedges* said the moratorium provided valuable data including the number of projects that have taken place, the size of the sites, the scale of the projects, and the amount of rock to be removed. He noted that during the 90 days that the moratorium has been in effect, 25 projects have taken place. The focus needs to be not just on the duration of rock removal, but also on the method to remove rock. He praised the City website which details rock chipping/blasting projects because it provides transparency and notice to the community. He endorses the 30 calendar day limit; the time limit has incentivized the building community to determine the level of rock to be removed before the project begins. The moratorium is working and should remain.

*Jonathan Kraut*, representing a coalition of builders in Rye, many of whom grew up in Rye. The builders were in agreement that regulation of rock chipping is necessary and they expect the Council to enact legislation. He noted that rock chipping is a short term nuisance which brings long-term gain as homes are built in Rye. He suggested that the law to be passed should not be “heavy-footed” and must incorporate more data; no permits for the same property should be reduced from 18 months to 12; the workday should remain 9 to 5; the number of machines on site should not be limited to 1; the Zoning Board should hear waiver requests; rock removal limits should be under the direction of the Planning Board.

Members of the public who commented on rock chipping issues and the proposed law included: *David Cutner, C. Harrigan, Stanislav and Martha Kotyza, Louis Singer, Margaret Jahn, Lisa Degen, John Leonard, Meg Cameron, and Joe Lorono* who spoke about noise, dust, quality of life issues, health and safety issues, and the disruption to their enjoyment of their properties. While they varied on specifics in the proposed law they were in agreement that regulation is necessary and urged the Council to pass legislation.

Mayor Sack asked for input from the City Council on the proposed law:

*Councilman Mecca*, a member of the Rock Chipping Committee, spoke about their process and how deliberative they were in looking at all options. Any law must consider that building increases property values, generates fees, and increases the tax base yet unfettered chipping should not be allowed. He proposed that the City Council consider the following changes: 25 chipping days, not calendar days, to compensate for the shorter chipping day; a hard stop is unrealistic, Council should extend the calendar day stop or consider a return visit; restriction on a new permit for the same property should be 12 months, not 18; notice to property

owners should be a certification of mailing, not certified mail; construction should be allowed to start at 9:00 a.m. on a Saturday, not 10:00 a.m.; no more than 2 rock chipping machines can be used at the same time; utilities should be exempt as they present different needs and timeframes; the Appeals process should be handled by either the Board of Architectural Review or the City Manager and the extension should be limited to a number of days.

*Councilman Slack*, a member of the Rock Chipping Committee, thanked the Mayor for setting up the Study Group which engaged in a rigorous process, hard work, extensive diligence, robust discussion, tremendous thought and an open mind to compromise. He fully supports the proposed law which is balanced and enforceable, and needed by the community. The law has important features which are a benefit to the community: provides for a permitting process, provides notice to neighbors, shortens rock chipping hours, prohibits rock chipping near schools on testing days as well as on holidays, prevents on-site rock crushing, and limits rock chipping to 30 calendar days. The moratorium has shown that projects can be completed within the 30 calendar day limit. He noted that builders are doing their homework to ensure that they can complete their project within the 30 calendar day limit by doing borings or refraction surveys. Modifications to the proposed law should include: (1) waiver provision should allow for an additional 7 calendar day period if there are unforeseen issues that prevent a homeowner or builder from completing the project. Waivers would be submitted to the City Manager and would be posted on the City website; (2) Drilling and use of jackhammers should be outside the 30 calendar day limit but remain subject to the restriction on hours and not be allowed on Saturday; (3) two machines would be allowed on a site if needed. He urged his colleagues to support the proposed legislation, with the noted modifications, as it provides a comprehensive package of reasonable reforms that will benefit the community, help protect residents from excessive noise, encourage better planning by builders, provide for notice to neighbors, and still allow for significant development and new construction.

*Councilman McCartney* thanked the Rock Chipping Committee for their excellent work and Councilmembers Mecca and Slack for their leadership. He noted that the Council has held four Public Hearings to give thoughtful consideration to the issue and provide for all to engage in the conversation. Due to construction Park Avenue, he is aware that things happen during construction to change timelines, so he felt that builders should get some deference; the law does not distinguish between property rights of a homeowner or a builder. He supports the permit process and restriction of time to chip. Changes to the proposed law should include: the 30 calendar day is too restrictive and suggested a hybrid allowing for 30 chipping days within 45 calendar days; notice does not need to be by certified mail; more than one machine should be allowed; restriction on a new permit for the same property should be 12 months, not 18. He noted that he would like to see the law include wording that reasonable steps should be taken to mitigate dust.

*Councilwoman Killian* thanked the Rock Chipping Committee and noted that she cares about Rye and supports the passage of a law that protects it. Regarding the proposed law she is concerned about the 30 calendar day as it is too tight; two machines should be allowed on a site so the job can be completed as quickly as possible; supports the change in the definition of mechanical rock removal; supports utility exemptions; dust mitigation is vital and needs to be addressed; the City Manager should be the Appeals board; the overburdening of the Building Department and possibly the need for change which could be discussed during the Budget process.

*Councilwoman Brett* thanked the Mayor for taking a leadership role in drafting legislation as well as the Committee for their hard work. Regarding the proposed law: supports the 30-day

calendar regulation noting that it is better for residents and easier to be enforced by the Building Department; supports a waiver process that should be at the discretion of the City Manager and would be limited to 7 days; restriction on a new permit for the same property should be 18 months; two machines should be allowed which would increase the likelihood that projects will be completed timely; notice to neighbors should not be by certified mail; exceptions should be made for the utilities; the law should distinguish between boring and drilling.

*Councilwoman Bucci* feels that the Council needs to move quickly to pass legislation which is close to the proposed law; supports the 30-day calendar regulation as it is enforceable; supports the change in the definition of mechanical rock removal that allow for boring beforehand; can abide by the need for two machines; supports the restriction on a new permit for the same property should be 18 months; an addition for dust mitigation is necessary; utilities are complicated and should be addressed; supports an appeals process that should be at the discretion of the City Manager.

*Mayor Sack* reviewed the course of the Public Hearings and noted that there were points with extended applause from the audience; applause reflects the expression of a partisan perspective registering their approval for something said. The Council was not looking for applause but rather looks to address all points of view, not strictly partisan views, in seeking the best law for the City of Rye. He noted that his role as Mayor is to facilitate a resolution that the Council can agree upon, and that he would reach out to the Council on an individual basis to reach consensus. The Public Hearing would be continued and held open to the next meeting when the Mayor anticipated he could call a vote on this issue.

11. Residents may be heard on matters for Council consideration that do not appear on the agenda.

There were no residents who spoke under this Agenda item.

12. Consideration of a request for a waiver from the Rock Chipping Moratorium for the project located at 50 Cowles Avenue.

Councilwoman Brett made a motion, seconded by Councilman Slack to adopt the following Resolution:

**RESOLVED**, that the City Council of the City of Rye hereby approves the request for a waiver from the Rock Chipping Moratorium to permit drilling, boring, grinding and jackhammering as part of non-excavating mechanical rock removal activities to demolish existing stairs, existing driveway and in preparation for the foundation wall for the project located at 50 Cowles Avenue.

ROLL CALL:

AYES: Councilmembers Brett, Bucci, Killian, McCartney, Slack and Mayor Sack

NAYS: None

ABSENT: Councilman Mecca

The Resolution was adopted by a 6-0 vote.



13. Authorization for City Council to seek an RFP for the City of Rye Corporation Counsel position.

Councilwoman Brett made a motion, seconded by Councilman McCartney and unanimously carried, to adopt the following Resolution:

**RESOLVED**, that the City Council of the City of Rye hereby authorizes the Mayor to draft an RFP to be provided to the City Council for review to seek a Corporation Counsel for the City of Rye.

14. Authorization for the City Manager to enter into an Inter-municipal Developer Agreement with Westchester County and Pawling Holdings, LLC for the City to construct the North Street sewer line and other on-site infrastructure improvements for the Theodore Fremd Avenue and North Street affordable senior housing project.

This item was deferred to a future City Council meeting.

15. Resolution to authorize the addition of Customers Bank and People's United Bank as authorized depositories of the City of Rye.

Councilwoman Brett made a motion, seconded by Councilwoman Brett to adopt the following Resolution:

**RESOLVED**, that the City Council of the City of Rye hereby authorizes the addition of Customers Bank and People's United Bank as authorized depositories of the City of Rye.

**ROLL CALL:**

AYES: Councilmembers Brett, Bucci, Killian, McCartney, Slack and Mayor Sack

NAYS: None

ABSENT: Councilman Mecca

The Resolution was adopted by a 6-0 vote.

16. Consideration for the City Council to adopt Youth Sports Policies, Guidelines and Fees for the City of Rye Recreation Department.

This item was deferred to a future City Council meeting.

17. Consideration of a request by the Sole Ryeders & Friends and the Rye High School Breast Cancer Awareness Club to have a TieTheTownPink breast cancer awareness campaign in the City of Rye during the month of October, 2015.

Mayor Sack made a motion, seconded by Councilwoman Brett to adopt the following Resolution:

**RESOLVED**, that the City Council of the City of Rye hereby approves the request of the Sole

Ryders & Friends and the Rye High School Breast Cancer Awareness Club to put ribbons on trees and lampposts on Purchase Street and along Boston Post Road on the way to the Middle School/High School as part of a TieTheTownPink breast cancer awareness campaign in the City of Rye during the month of October 2015.

18. Three appointments to the Boat Basin Commission, by the Council, for two-year terms expiring January 1, 2018 and the designation of one member to the Boat Basin Nominating Committee.

Councilwoman Brett made a motion, seconded by Councilwoman Killian to appoint Alan Caminiti, Robert Rispoli, and George Szczerba to the Boat Basin Commission for two year terms expiring on January 1, 2018 and to appoint Frank Mangiamiele to the 2015 Boat Basin Nominating Committee.

ROLL CALL:

AYES: Councilmembers Brett, Bucci, Killian, McCartney, Slack and Mayor Sack

NAYS: None

ABSENT: Councilman Mecca

The Resolution was adopted by a 6-0 vote.

19. Miscellaneous communications and reports.

There was nothing reported under this Agenda item.

20. New Business.

There was nothing reported under this Agenda item.

21. Adjournment.

There being no further business, Councilwoman Brett made a motion, seconded by Councilwoman Bucci to adjourn the meeting at 11:45 p.m.

Respectfully submitted,

Eleanor M. Militana  
Assistant City Manager



# CITY COUNCIL AGENDA

NO. 5

DEPT.: City Council

DATE: October 7, 2015

CONTACT: Mayor Joseph A. Sack

**AGENDA ITEM:** Issues Update/Old Business

**FOR THE MEETING OF:**

October 7, 2015

**RYE CITY CODE,**

**CHAPTER**

**SECTION**

**RECOMMENDATION:** That an update be provided on outstanding issues or Old Business.

**IMPACT:** ☐ Environmental ☐ Fiscal ☐ Neighborhood ☐ Other:

**BACKGROUND:**



# CITY COUNCIL AGENDA

NO. 6

DEPT.: City Manager

DATE: October 7, 2015

CONTACT: Marcus Serrano, City Manager

**AGENDA ITEM:** Resolution authorizing the acceptance of funding from the NY Rising Community Reconstruction Program and providing authorization for the Mayor and City Council to enter into the necessary agreement and resolutions.

**FOR THE MEETING OF:**

October 7, 2015

**RYE CITY CODE,  
CHAPTER  
SECTION**

**RECOMMENDATION:** That the Council authorize the acceptance of funding from the NY Rising Community Reconstruction Program and approve the necessary agreement and resolutions.

**IMPACT:** ☒ Environmental ☒ Fiscal ☐ Neighborhood ☐ Other:

**BACKGROUND:** The New York Rising Community Reconstruction Program was established to provide additional rebuilding and revitalization assistance to Communities severely damaged by Hurricanes Sandy and Irene and Tropical Storm Lee. The City of Rye was awarded \$3 million in funding through the NY Rising program. The New York Rising Committee met from July through November 2014 to deliberate the needs of the community and choose projects which would provide the greatest benefit. In addition to Committee meetings, three Public Engagement meetings were held to get input from residents at Rye Town Park, at the Rye Free Reading Room, and at the Middle School/High School. The NY Rising Committee met on November 18<sup>th</sup> to vote on the projects to move forward for funding through the current \$3 million dollar allocation. The Committee was asked to vote for projects by placing them in one of three categories, aiming for a combined cost of \$5 to \$10 million.

Projects were separated into three categories:

Proposed – eligible for the \$3Million NY Rising Funds

Featured – other funding sources needed

Additional Resilience – policies or programs not funding based

The Committee picked 4 projects as Proposed Projects, 6 projects as Featured Projects, and 7 projects as Resilience Projects (which are not eligible for funding but the Committee notes as being important in long term planning for flood remediation).

### **PROPOSED PROJECTS**

Sluice Gate revisions  
SUNY Ponds  
Bowman Upper  
Milton Road Drainage

### **FEATURED PROJECTS**

Airport retention  
Bowman Lower  
Rye Nature Center entrance  
Locust Fire House  
Emergency Center (RGC)  
Floodproof Municipal/Not for profit Buildings

### **RESILIENCE**

Watershed Conservancy  
Interstate Runoff Study  
Renewable Energy  
Wetlands on Brooks Study  
Stabilize Power Lines Study  
FEMA CRS (rating system)  
Coastal Zone Study

The first project moving forward is the Sluice Gate revisions with the SUNY Ponds project running parallel. Members of the Governor's office have been meeting with City staff; next steps will include sending out an RFP to engineering firms for the project including a Scope of Work, Project Description, etc. The NY Rising program is under the CDBG-DR (Community Development Block Grant Disaster Recovery) and is funded through HUD monies.

HUD requirements include City Council approval of a Resolution authorizing the acceptance of funding through the NY Rising Community Reconstruction Program and providing authorization for the Mayor and City Council to Manager to enter into the following agreement and resolutions:

- NY Rising Community Reconstruction Program Subrecipient Agreement
- Resolution to adopt a Procurement Policy
- Resolution to adopt a Citizen Participation Plan
- Resolution to adopt an Affirmative Action Plan
- Resolution to adopt Section 504 Policies and Grievance Procedures

See attached Subrecipient Agreement and Resolutions.



# Governor's Office of Storm Recovery



Andrew M. Cuomo  
Governor

Lisa Bova-Hiatt  
Interim Executive Director

September 25, 2015

Kristen K. Wilson  
Corporation Counsel  
City of Rye  
1051 Boston Post Road  
Rye, New York 10580

Dear Ms. Wilson:

Thank you for your request on behalf of the City of Rye for information from the Governor's Office of Storm Recovery ("GOSR") about the fair housing implications of accepting Community Development Block Grant ("CDBG") funds for Disaster Relief ("CDBG-DR") from the Department of Housing and Urban Development ("HUD"). GOSR takes seriously its commitment to affirmatively further fair housing and wants the City of Rye to understand fully the laws governing this commitment.

In the aftermath of Hurricane Sandy, the State of New York received multiple allocations of CDBG-DR funds directly from HUD. The State of New York was tasked with distributing these funds through GOSR to municipalities such as the City of Rye that were affected by the storm. These municipalities are treated as "subrecipients" of CDBG-DR funds.<sup>1</sup> In practice, this means that the City of Rye would enter into a Subrecipient Agreement with GOSR setting out the terms under which it may spend the CDBG-DR funds. The Subrecipient Agreement does not govern the expenditure of funds other than the CDBG-DR funds and there is no requirement that the City of Rye enter into an agreement directly with HUD.

As the direct recipient of CDBG-DR funds, the State of New York is subject to certain HUD requirements to affirmatively further fair housing. Foremost among these requirements is producing a Consolidated Plan once every three to five years that (i) establishes fair housing goals for the State, (ii) includes an Analysis of Impediments to those fair housing goals, and (iii) introduces restrictions on how certain funds (including CDBG funds) can be spent by the State or by subrecipients on the State's behalf (24 CFR 91 et seq.).<sup>2</sup> It is the State's job to ensure that these funds are spent in accordance with the Consolidated Plan.

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<sup>1</sup> The City of Rye's status as a "subrecipient" is in contrast to the "direct recipient" status of the County of Westchester, which was party to a publicized settlement concerning the County's Analysis of Impediments as part of its Consolidated Plan. The threat of treble (or punitive) damages in that lawsuit arose under the False Claims Act in connection with statements concerning the Analysis of Impediments. Treble damages are also generally available under the Fair Housing Act for malicious or recklessly indifferent discrimination and are therefore available whether or not the subrecipient accepts CDBG-DR funds.

<sup>2</sup> On July 16, 2015, HUD released a final rule on affirmatively furthering fair housing that was widely covered in the press. This final rule requires direct recipients such as the State to use HUD tools and data instead of its own in the production of the Consolidated Plan. The change will take effect when the State next produces a Consolidated Plan no more than five years from now. The Consolidated Plan governs the expenditure of a variety of funds by the State (including CDBG funds). As such, the final rule would only impact the City of Rye to the extent the next Consolidated Plan applies to such funds that the City of Rye accepts from the State. Whether or not the City of Rye accepts the current CDBG-DR funds would not affect the next Consolidated Plan's applicability to other funds accepted by the City of Rye.



The City of Rye and GOSR are contemplating the use of CDBG-DR funds to reprogram the Bowman Avenue Dam sluice gate, an infrastructure project for flood mitigation that would benefit homeowners and businesses that border the Blind Brook from Rye Brook to the Long Island Sound. While the requirements of a direct recipient to affirmatively further fair housing are clear, the requirements of a subrecipient using CDBG-DR funds not on housing, but on infrastructure, required clarification. As a result, HUD recently released an FAQ guidance for subrecipients carrying out infrastructure projects (HUD FAQ ID 2271, May 2015).<sup>3</sup>

In its FAQ guidance, HUD reiterated the obligation of a direct recipient such as the State to enact a Consolidated Plan. The current Consolidated Plan of the State of New York requires that CDBG funds “provide assistance to help undertake community infrastructure, facility and service projects (public facilities) affecting public health, safety and welfare” (NYS Consolidated Plan 2011-2015 at 115). It is expected that the infrastructure projects for flood mitigation proposed by the City of Rye will meet this requirement. To reiterate, the Consolidated Plan governs the expenditure of funds (including CDBG funds) by the State and by municipalities on the State’s behalf. It does not govern the expenditures and actions of municipalities outside of this context.

Because the Consolidated Plan specifically covers CDBG-funded infrastructure projects, the FAQ guidance states that there is no requirement that a subrecipient such as the City of Rye enact a separate policy or plan for affirmatively furthering fair housing. In other words, accepting CDBG-DR funds for an infrastructure project does not obligate the City of Rye to undertake an Analysis of Impediments or modify land use policies as part of any separate policy or plan. The FAQ guidance instead requires the City of Rye to “comply with general fair housing requirements in carrying out a CDBG activity.” Because the City of Rye’s CDBG activity pertains only to a specific flood mitigation infrastructure project, the fair housing requirement is focused on the City’s use of CDBG-DR funds in a way that cooperates with the Consolidated Plan of the State.

Ultimately, the decision to use CDBG-DR funds rests with the City of Rye, and it is the City’s obligation to thoroughly research the obligations associated with receiving these funds. GOSR has every expectation that the CDBG-DR-funded infrastructure projects proposed by the City of Rye will comply with the Consolidated Plan of the State of New York and general fair housing requirements. It is also expected that the City of Rye’s acceptance of CDBG-DR funds as a subrecipient of the State will not give rise to additional obligations. It is our hope that any perceived risk with respect to affirmatively furthering fair housing will not deter the City of Rye from undertaking infrastructure projects that will protect significant portions (including low and moderate income portions) of its population in future storm events. We are happy to answer any additional questions.

Regards,



Daniel Greene  
General Counsel, Interim  
Governor’s Office of Storm Recovery

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<sup>3</sup> HUD FAQ ID 2271, May 2015 can be found at <https://www.hudexchange.info/faqs/2271/are-we-required-to-have-an-affirmatively-furthering-fair-housing-policy-in/>.

COMMUNITY DEVELOPMENT BLOCK GRANT  
DISASTER RECOVERY  
SUBRECIPIENT AGREEMENT

THIS COMMUNITY DEVELOPMENT BLOCK GRANT DISASTER RECOVERY SUBRECIPIENT AGREEMENT (“Agreement”) is made effective as of the \_\_\_ day of \_\_\_\_\_, 2015 (“Effective Date”) by and between the Housing Trust Fund Corporation, operating by and through its division, the Governor’s Office of Storm Recovery (“GOSR”), (collectively referred to herein as the “Grantee”) and the City of Rye (“Subrecipient”), a municipal corporation. The foregoing Grantee and Subrecipient shall sometimes be referred to herein individually as a “Party” and collectively as the “Parties.”

WHEREAS, pursuant to title I of the Housing and Community Development Act of 1974 (42 U.S.C. § 5301 et seq.) (“HCD Act”), as amended, Grantee is authorized to administer and distribute Community Development Block Grant (“CDBG”) funds in the State of New York (“State”); and

WHEREAS, pursuant to the Robert T. Stafford Disaster Relief and Emergency Assistance Act (42 U.S.C. 5121 et seq.), portions of the State received major disaster declarations as a result of Hurricane Sandy; and

WHEREAS, in the aftermath of Hurricane Sandy, the United States Congress, through Public Law passed the Disaster Relief Appropriations Act, 2013 (Public Law 113-2, approved January 29, 2013), as amended (the “Act”), appropriating \$16 billion, later reduced to \$15.18 billion, to the U.S. Department of Housing and Urban Development (“HUD”) for Community Development Block Grant Disaster Recovery (“CDBG-DR”) funds for necessary expenses related to disaster relief, long-term recovery, restoration of infrastructure, and housing and economic revitalization in the most impacted and distressed areas resulting from a major disaster declared due to Hurricane Sandy and other eligible events in calendar years 2011, 2012, and 2013 (the “Storms”), subject to the Federal statutes and regulations governing CDBG grants, as modified by exceptions and waivers previously granted and which may hereafter be granted by HUD; and,

WHEREAS, pursuant to the CDBG-DR Grant Program and Federal Register Notice (78 Fed. Reg. 14,329), published March 5, 2013, entitled *Allocations, Common Applications, and Alternative Requirements for Grantees Receiving Community Development Block Grant (CDBG) Disaster Recovery Funds in Response to Hurricane Sandy* (as amended), the State has received an allocation of CDBG-DR funds from HUD in the amount of \$1,713,960,000; and

WHEREAS, pursuant to the CDBG-DR Grant Program and Federal Register Notice (78 Fed. Reg. 69,104), entitled *Second Allocation, Waivers and Alternative Requirements for Grantees Receiving Community Development Block Grant (CDBG) Disaster Recovery*



*Funds in Response to Hurricane Sandy* (as amended), the State has received a second allocation of CDBG-DR funds from HUD in the amount of \$2,097,000,000; and

WHEREAS, pursuant to the CDBG-DR Grant Program and Federal Register Notice (79 Fed. Reg. 62,182), entitled *Third Allocation, Waivers and Alternative Requirements for Grantees Receiving Community Development Block Grant (CDBG) Disaster Recovery Funds in Response to Hurricane Sandy* (as amended), the State has received a third allocation of CDBG-DR funds from HUD in the amount of \$605,922,000 (of which \$185,000,000 has been allocated towards the proposals developed through the Rebuild by Design competition);

WHEREAS, HUD requires that the State spend 80% of all CDBG-DR funds so allocated within the counties of Nassau, Rockland, Suffolk, Westchester, Bronx, Kings, New York, Queens, and Richmond; and

WHEREAS, Governor Andrew M. Cuomo established GOSR within HTFC and tasked it with administering the State's CDBG-DR program; and

WHEREAS, the City of Rye was heavily impacted by Superstorm Sandy and Hurricane Irene; and

WHEREAS, Grantee wishes to engage Subrecipient to implement projects to promote the long-term recovery and resiliency of the City of Rye; and

WHEREAS, CDBG-DR funds may be utilized by the Subrecipient to pay the non-Federal share, or "local match", required in connection with a Federal grant-in-aid program undertaken as part of CDBG-DR activities, a use that has been specifically authorized by HUD;

NOW THEREFORE, the Parties agree that the Grant Funds will be administered in accordance with the following terms and conditions:

#### I. SUBRECIPIENT PROGRAM

Subrecipient will be responsible for performing the activities detailed in Exhibit A, which may be amended from time to time, and is hereby incorporated by reference ("Subrecipient Program Description"). In order to propose a project or projects under the Subrecipient Program Description, the Subrecipient shall submit to Grantee the project application form provided by Grantee. A separate project application form will be required for each project the Subrecipient proposes to implement under this Agreement. Project applications should address the Subrecipient's housing, infrastructure, and economic recovery and revitalization needs.

Grantee's consideration and approval of project applications is based on current Grantee guidelines (hereinafter "Grantee policy"), HUD guidelines and regulations, and other applicable state and federal laws and regulations.

### *Design and Environmental Review Phase (Planning Amendment)*

- Once a project application form is accepted as complete by Grantee, Grantee will notify the Subrecipient in writing. Acceptance of the application as complete does not commit Grantee to providing any CDBG-DR or other funding to a project.
- Thereafter, this Agreement may be amended to incorporate the proposed scope, budget, and schedule for the design phase of the proposed project, if stipulated by both parties (hereinafter referred to as the “Planning Amendment”).
- Any proposed budget set forth in a Planning Amendment will clearly specify proposed funding for administrative costs, program delivery costs, and design or planning costs. Any such amendment will clearly state that the Subrecipient shall not engage in, or in any way commit funding for, through a contract or other mechanism, construction or any other activities that could have an environmental impact or limit the choice of reasonable alternatives to the proposed project. Further, any proposed schedule set forth in a Planning Amendment shall provide, with reasonable specificity, a proposed schedule for the pre-design and design of the proposed project as well as a description and schedule for activities proposed to be conducted in each phase.
- Following acceptance of the Planning Amendment, Grantee shall conduct an environmental review of the proposed project pursuant to 24 CFR Part 58 and the New York State Environmental Quality Review Act (“SEQRA”).
- Upon written notice from Grantee, the Subrecipient may initiate project design which shall be closely coordinated with and informed by the environmental review process, including the assessment of any reasonable alternatives to the proposed project, and avoidance of any potential significant environmental impact. Subrecipient herein agrees that, for purposes of SEQRA, Grantee shall serve as the lead agency for purposes of conducting the environmental review.

### *Project Approval*

- Upon completion of all environmental review requirements, Grantee shall determine whether or not to award funding for the construction or other implementation phase of the proposed project, or an alternative or modified project identified through the environmental review process.
- Following the environmental review performed pursuant to 24 CFR Part 58 and SEQRA, and upon HUD’s issuance of the authority to use grant funds for a proposed project, Grantee may approve the project.

### *Project Phase (Project Amendment)*

- Upon approval of a project, this Agreement may be amended to incorporate the complete scope, budget, and schedule of the approved project, if stipulated by both parties (hereinafter referred to as the “Project Amendment”).
- Any budget set forward in a Project Amendment will clearly specify funding for administrative costs, program delivery costs, design or planning costs, construction costs, as well as any other implementation costs. Further, any

schedule set forth in a Project Amendment shall provide, with reasonable specificity, a schedule for the pre-design, design, and construction or other implementation of the approved project as well as a description and schedule for activities proposed to be conducted in each phase.

- Grantee will notify the Subrecipient in writing (“Clearance Letter”) that Subrecipient may commit funds for construction and other activities necessary for project implementation. The Subrecipient shall not engage in, or in any way commit funding for, through a contract or other mechanism, construction or any other activities that could have an environmental impact or limit the choice of reasonable alternatives to the proposed project prior to receiving, in writing, a Clearance Letter from Grantee.
- If construction/implementation is authorized by Grantee in the Clearance Letter, Subrecipient must comply with any and all conditions or required mitigation set forth in the environmental review documents, and shall retain an independent environmental monitor to document compliance with such measures, as well as any permit requirements, or other applicable requirements of federal and state environmental laws, including worker health and safety requirements. The independent environmental monitor must be approved in writing by Grantee prior to the commencement of any construction activities. The Subrecipient shall, by contract, ensure that the independent environmental monitor provides monthly reports to Grantee to document compliance with the requirements referenced above for the entirety of the construction phase.

The Subrecipient may not commence any work, including design work, without adhering to the proposed project schedule set forth in the Planning Amendment as submitted to and approved by Grantee and the Subrecipient. Additionally, the Subrecipient and its design contractor shall provide any analysis or information reasonably requested by Grantee to conduct the environmental review for a proposed project. The Subrecipient is required to comply and cooperate with the Grantee in meeting all terms and conditions under this Agreement.

As a reimbursement-based program,<sup>1</sup> tasks and deliverables contained in the Subrecipient Program Description must be conducted in a manner satisfactory to Grantee and in compliance with applicable federal and state requirements, laws, and regulations. Grantee will monitor the performance of Subrecipient against goals and performance standards as stated in the agreed upon Subrecipient Program Description. While Grantee may consider additional costs, as they arise, Subrecipient must be prepared to perform (and document to Grantee) the entire Subrecipient Program Description, even if the funds provided hereunder do not cover 100% of the costs of performance. In the event Grantee’s funds do not cover 100% of the agreed upon budget (see Section III), Subrecipient must make a showing of committed supplemental funding. Substandard performance as reasonably

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<sup>1</sup> By “reimbursement” Grantee means that typically costs must be actually incurred before the Grantee will make payment to the Subrecipient. However, this does not mean that the Subrecipient must have previously paid these costs. Rather, these costs can be passed along to Grantee in the form of an invoice(s) (or similar document) and appropriate supporting information as required by the terms of this Agreement, for payment of such invoice(s), per the payment terms of this Agreement.

determined by Grantee, in its sole discretion, will constitute noncompliance with this Agreement. If Subrecipient does not take action to correct such substandard performance within a reasonable period of time (as determined by Grantee) after being notified by Grantee, Grantee may choose not to reimburse Subrecipient for noncompliant and/or unallowable work and/or take action to suspend or terminate this Agreement or other actions as permitted under applicable law. Nothing in this Agreement shall waive or otherwise limit the actions Grantee may take or the remedies Grantee may seek as a result of any noncompliance by Subrecipient, including but not limited to suspending or debarring Subrecipient from future State benefits.

## II. TERM

The period of performance for all activities (with the exception of those activities required for the close out and final audit) assisted pursuant to this Agreement shall commence as of the Effective Date and shall end on September 30, 2019. Any funds not properly used by the end of the term, unless approved otherwise in writing by Grantee, promptly shall be remitted, in full and without off-set or deduction, to Grantee.

## III. BUDGET

As set forth in Section I of this Agreement, for each project application, Grantee will require and the Parties shall agree upon a detailed budget breakdown. Grantee may also require additional budget information, and Subrecipient shall provide such supplementary budget information in a timely fashion in the form and content prescribed by Grantee. Any change to budgeted amounts, must be approved in writing by Grantee before such changes are allowed and reimbursable.

## IV. GRANT FUNDS

It is expressly agreed and understood that the total amount to be paid by Grantee under this Agreement shall not exceed the aggregate amounts set forth in each of the applicable project applications, currently set at \$0 ("Grant Funds"), which may be amended from time-to-time to incorporate project applications and budgets accepted by Grantee.

The amount of Grant Funds that Grantee has agreed to provide Subrecipient under this Agreement is expressly conditioned upon Grantee's receipt of such funds from HUD pursuant to the Act. Grantee reserves the right to reduce the Grant Funds if funding from HUD is not provided at the currently anticipated levels and/or if the actual costs for the approved activities are less than those set forth in the Budget.

In the event Subrecipient is awarded, granted, or provided with additional funds from any other source, which may include, in part or whole, aspects related to this Agreement, Subrecipient shall immediately notify Grantee of such funds, the amount, the source, and the conditions for their use. Subrecipient further agrees to provide any additional

information Grantee requests related to such funds. Subrecipient may not use such other funds to conduct construction activities or any other action that would have an environmental impact or limit the choice of reasonable alternatives until issuance of the Clearance Letter.

## V. DISBURSEMENT OF GRANT FUNDS

- a) Subrecipient is required to submit a request for Grant Funds in accordance with the provisions of this Agreement, program guidelines, and the program policy and procedures which are established by Grantee. No payment by Grantee of an improper, unauthorized, or unallowable request shall constitute a waiver of Grantee's right, whether before, during, or after making any payment, to: (i) challenge the validity of such payment; (ii) enforce all rights and remedies set forth in this Agreement or provided under applicable law; (iii) require and receive a full repayment or refund of all payments made under this Agreement or (iv) take corrective or remedial administrative action including, without limitation, suspension or termination of Subrecipient's funding under this Agreement.
- b) Subrecipient shall certify in a statement made by a senior official with each request for Grant Funds that to the best of its knowledge based on the information available to Subrecipient at the time and after making due inquiry: (i) all statements and representations previously made regarding this Agreement are correct and complete; and (ii) the funds do not duplicate reimbursement of costs and services from any other source.
- c) The use of Grant Funds is conditioned upon Subrecipient incurring allowable costs permitted under the terms of this Agreement or as otherwise pre-approved, in writing, by Grantee. Subrecipient shall not be reimbursed for any costs until all environmental conditions of 24 CFR Part 58 have been fully satisfied and Grantee has issued the environmental clearance required thereunder, unless the activity is exempt under section 58.34 or falls under a categorical exclusion listed in section 58.35(b).
- d) In the event applicable State or Federal Government authorities disallow any of the costs incurred by Subrecipient, Subrecipient shall immediately remit any funds received by Subrecipient for the unallowable costs to Grantee. Subrecipient may request, and Grantee shall reasonably consider Subrecipient's request, that Grantee challenge the State or Federal determination and pursue other legal recourse to secure these funds; however, Grantee maintains the sole discretion in deciding whether to pursue such funds, may request that Subrecipient pay any costs associated with such effort, and may require that Subrecipient return the questioned funds until a final outcome is reached.

## VI. CITIZEN PARTICIPATION REQUIREMENTS

To ensure compliance with Section 508 of the HCD Act, units of general local government (“UGLGs”) applying for or receiving CDBG-DR funds from the State must provide citizens with adequate opportunity to participate in the planning, implementation, and assessment of the CDBG program. Any such UGLG must provide adequate information to citizens, obtain views and proposals of citizens, and provide opportunity to comment on the UGLG’s previous community development performance.

If Subrecipient is a UGLG, it shall have a written and adopted Citizen Participation Plan that complies with the requirements set forth in the State of New York Action Plan for Community Development Block Grant Program Disaster Recovery, dated April 2013, as amended (“Action Plan”). The Action Plan and amendments thereto can be found at: <http://stormrecovery.ny.gov/action-plans-and-amendments>.

## VII. NOTICES

All notices, requests, approvals, and consents of any kind made pursuant to this Agreement shall be in writing and shall be deemed to be effective as of the date sent by certified mail, return receipt requested. All notices and other written communications under this Agreement shall be addressed to the individuals in the capacities indicated below, unless otherwise modified by subsequent written notice. Communication and details concerning this contract shall be directed to the following contract representatives:

Grantee:        Housing Trust Fund Corporation  
                  25 Beaver Street  
                  New York, New York 10004  
                  Attn: James Rubin, State Director of Storm Recovery

Subrecipient: City of Rye  
                  1051 Boston Post Road  
                  Rye, NY 10580  
                  Attn: Eleanor Millitana, Assistant City Manager

## VIII. GENERAL CONDITIONS

### A. Compliance

Subrecipient agrees to comply with the requirements of Title 24 of the Code of Federal Regulations, Part 570 (HUD’s regulations concerning Community Development Block Grants), including any regulations referenced therein, except:

- (1) Subrecipient does not assume Grantee’s environmental responsibilities described in 24 CFR 570.604; and

- (2) Subrecipient does not assume Grantee's responsibility for initiating the review process under the provisions of 24 CFR Part 52.

Where waivers or alternative requirements are provided for in the applicable Federal Register Notices published by HUD ("HUD Notices"), including but not limited to those published on March 5, 2013 (78 Fed. Reg. 14,329), April 19, 2013 (78 Fed. Reg. 23,578), May 29, 2013 (78 Fed. Reg. 32,262), August 2, 2013 (78 Fed. Reg. 46,999), November 18, 2013 (78 Fed. Reg. 69,104), December 16, 2013 (78 Fed. Reg. 76,154), and March 27, 2014 (79 Fed. Reg. 17,173), such requirements, including any regulations referenced therein, shall apply.

Subrecipient also agrees to comply with all other applicable Federal, State and local laws, regulations, HUD Notices, policies, and guidelines, whether existing or to be established, provided the same are applied to activities occurring after the date the policy or guideline was established, governing the Grant Funds provided under this Agreement. In the event a conflict arises between the provisions of this Agreement and any of the foregoing, the Federal, State, and local laws, regulations, HUD Notices, policies, and guidelines shall control and this Agreement shall be interpreted in a manner so as to allow for the terms contained herein to remain valid and consistent with such Federal, State, and local laws, regulations, HUD Notices, policies, and guidelines. Subrecipient further agrees to utilize Grant Funds available under this Agreement to supplement rather than supplant funds otherwise available.

#### B. Independent Contractor

Nothing contained in this Agreement is intended to, or shall be construed in any manner, as creating or establishing the relationship of employer/employee between the Parties. Subrecipient shall at all times remain an "independent contractor" with respect to the efforts to be performed under this Agreement. Grantee shall be exempt from payment of all Unemployment Compensation, FICA, retirement, life and/or medical insurance and Workers' Compensation Insurance, as Subrecipient is an independent entity.

#### C. Hold Harmless

Subrecipient shall and hereby agrees to hold harmless, defend (with counsel acceptable to Grantee) and indemnify Grantee and each and all of its successors, affiliates, or assigns, and any of any of their employees, officers, directors, attorneys, consultants, agents, directors, officers, managers, and affiliates, from and against any and all damages, costs, attorneys' fees, claims, expenses, injuries, property damage, causes of action, violations of law, violations of this Agreement, and losses of any form or nature arising from or related to the conduct of Subrecipient in the performance of the efforts called for in this Agreement. This indemnity shall expressly include, but is not limited to, the obligation of Subrecipient to indemnify and reimburse Grantee for any and all attorneys' fees and other litigation or dispute resolution costs incurred or to be incurred in Grantee's enforcement of this

Agreement or any portion thereof against Subrecipient or otherwise arising in connection with Subrecipient's breach, violation, or other non-compliance with this Agreement. This clause shall survive indefinitely the termination of this Agreement for any reason.

#### D. Workers' Compensation

Subrecipient shall provide Workers' Compensation Insurance coverage for all of its employees involved in the performance of this Agreement unless granted an exemption by the State.

#### E. Insurance & Bonding

Subrecipient shall carry sufficient insurance coverage and bonding from insurers licensed to conduct business in New York State to protect all contract assets from loss due to any cause, including but not limited to, theft, fraud, and/or physical damage, and as a minimum shall purchase a blanket fidelity bond covering all employees in an amount equal to cash advances from Grantee. Grantee and the State of New York shall be named as an additional insured on all such insurance and shall meet all other insurance requirements as Grantee may impose from time to time. In addition, all insurance carriers and bonding companies shall meet minimum size and financial stability/financial rating requirements as may be imposed by Grantee from time to time. Certificates of insurance shall be provided to Grantee and full and complete copies of the policies and/or bonds shall be provided to Grantee upon its request for the same.

Notwithstanding the above, for construction or facility improvement performed by Subrecipient, Subrecipient shall, at a minimum, comply with the bonding requirements at 24 CFR 85.36 or 84.48, as applicable.

#### F. Grantee Recognition

Unless otherwise directed by Grantee, Subrecipient shall ensure recognition of the role of HUD and Grantee in providing funding, services, and efforts through this Agreement. Unless otherwise directed by Grantee, all activities, facilities, and items utilized pursuant to this Agreement shall be prominently labeled as to role of HUD and of Grantee. In addition, Subrecipient will include a reference to the support provided herein in all publications made possible with funds made available under this Agreement. See Exhibit D for general guidance for recognition of HUD and Grantee. Note, notwithstanding the terms of this subsection or Exhibit D, Grantee reserves the right to direct specific reasonable recognition requirements on a case-by-case basis, including by not limited, to the size and content, waiver, removal or addition of such recognition.



#### G. Amendments

This Agreement may be amended provided that such amendments make specific reference to this Agreement, comply with programmatic policies, procedures, and guidelines, are executed in writing and signed by a duly authorized representative of each Party, and approved by Grantee's governing body. Such amendments shall not invalidate this Agreement, nor relieve or release the Parties from their obligations under this Agreement. Grantee may, in its sole discretion, amend this Agreement to conform with Federal, state, or local governmental guidelines, policies, and available funding amounts, or for other reasons. If such amendments result in a change in the Grant Funds or the Subrecipient Program Description, such modifications will be incorporated in a written amendment signed by the Parties.

#### H. Suspension or Termination

Grantee may suspend or terminate this Agreement if Subrecipient materially fails to comply with any terms of this Agreement, which include (but are not limited to) the following:

1. Failure to comply with any of the rules, regulations or provisions referred to herein, or such statutes, regulations, executive orders, guidelines, policies or directives as may become applicable at any time, including but not limited to environmental rules and regulations;
2. Failure, for any reason except those beyond Subrecipient's control, of Subrecipient to fulfill in a timely and proper manner its obligations under this Agreement;
3. Ineffective or improper use of funds provided under this Agreement; or
4. Submission by Subrecipient to Grantee of reports that are untimely, incorrect, or incomplete in any material respect.

This Agreement may also be terminated for convenience by Grantee or Subrecipient, in whole or in part, by setting forth the reasons for such termination, the effective date, and, in the case of partial termination, the portion to be terminated. However, if in the case of a partial termination Grantee determines that the remaining portion of the award will not accomplish the purpose for which the award was made, Grantee may terminate the award in its entirety.

## IX. ADMINISTRATIVE REQUIREMENTS

### A. Financial Management

#### 1. Accounting Standards

Subrecipient agrees to comply with 24 CFR 85.20-26 or 84.20-28, as applicable, and to adhere to the accounting principles and procedures required therein, utilize adequate internal controls, and maintain necessary source documentation for all costs incurred.

#### 2. Cost Principles

Subrecipient shall administer the program in conformance with OMB Circulars A-87, "Cost Principles for State, Local, and Indian Tribal Governments"; A-122, "Cost Principles for Non-profit Organizations"; or A-21, "Cost Principles for Educational Institutions," as applicable. These principles shall be applied for all costs incurred whether charged on a direct or indirect basis (if allowed).

### B. Documentation and Record Keeping

#### 1. Records to Be Maintained

Subrecipient shall maintain all records required by applicable law to be maintained, including but not limited to the Federal regulations specified in (1) 24 CFR Part 85, Subpart C or 24 CFR Part 84, Subpart C, as applicable; (2) 24 CFR 570.506; and (3) the applicable HUD Notices that are pertinent to the activities to be funded under this Agreement, as well as any additional records required by Grantee. Such records shall include but not be limited to:

- a. Records providing a full description of each activity undertaken;
- b. Records demonstrating that each activity undertaken meets one of the National Objectives of the CDBG program, as modified by the HUD Notices;
- c. Records required to determine the eligibility of activities;
- d. Records required to document the acquisition, improvement, use, or disposition of real property acquired or improved with CDBG-DR funds;
- e. Records documenting compliance with the fair housing and equal opportunity components of the CDBG program;
- f. Financial records as required by (1) 24 CFR 570.502; and (2) 24 CFR 85.20-26 or 84.20-28, as applicable;

- g. Other records necessary to document compliance with Subpart K of 24 CFR Part 570.

## 2. Retention

Subrecipient shall retain all financial records, supporting documents, statistical records, and all other records pertinent to the Agreement for a period of five (5) years. The retention period begins on the date of the submission of Grantee's annual performance and evaluation report to HUD in which the activities assisted under the Agreement are reported on for the final time. Notwithstanding the above, if there is litigation, claims, audits, negotiations, or other actions that involve any of the records cited and that have started before the expiration of the five-year period, then all such records must be retained until completion of the actions and resolution of all issues, or the expiration of the five-year period, whichever occurs later.

## 3. Data

Subrecipient shall maintain data for efforts provided as required by Grantee. Such data may include, but is not limited to, name, racial, ethnic, and gender characteristics, address, income level or other basis for determining eligibility, and description of service provided. Such information shall be made available to applicable federal authorities, Grantee monitors, or their designees for review upon request.

## 4. Disclosure

Subrecipient understands that data collected under this Agreement is private and the use or disclosure of such information, when not directly connected with the administration of the Parties' responsibilities with respect to efforts provided under this Agreement are subject to the provisions of Article 6-A, "Personal Privacy Protection Law", of the New York State Public Officers Law, as well as all other applicable State and Federal privacy laws (e.g., the Federal Privacy Act, 5 U.S.C. § 552a).

## 5. Close-out

Subrecipient's obligation to Grantee shall not end until all close-out requirements are completed. Close-out activities and requirements are subject to (1) 24 CFR 85.50 or 84.71, as applicable; (2) 24 CFR 570.509; and (3) applicable HUD Notices. Activities during this close-out period shall include, but are not limited to: making final payments, disposing of assets (including the return of all unused materials, equipment, properly addressing Program Income (as that term is defined in section VI(A)(17)(a) of the HUD Notice 78 Fed. Reg. 14,329, 14,341 (March 5, 2013, as may be amended by HUD)), balances, and accounts receivable

to Grantee), and determining the custodianship of records. Notwithstanding the foregoing, the terms of this Agreement shall remain in effect during any period that Subrecipient has control over CDBG-DR funds, including Program Income.

#### 6. Audits & Inspections

All Subrecipient records with respect to any matters covered by this Agreement shall be made available to Grantee, HUD, and the Comptroller General of the United States, or any of their authorized representatives, at any time during normal business hours, as often as deemed necessary, to audit, examine, and make excerpts or transcripts of all relevant data. Any deficiencies noted in audit reports must be fully cleared by Subrecipient within 30 days after receipt by Subrecipient. Failure of Subrecipient to comply with the above audit requirements will constitute a violation of this Agreement and may result in the withholding of future payments and/or termination. Subrecipient hereby agrees to have an annual agency audit conducted in accordance with current Grantee policy concerning Subrecipient audits and OMB Circular A-133.

### C. Reporting and Payment Procedures

#### 1. Program Income and Other Assets

Subrecipient shall report monthly all Program Income, as defined in section VI(A)(17)(a) of the HUD Notice 78 Fed. Reg. 14,329, 14,341 (March 5, 2013, as may be amended by HUD), generated by activities carried out with CDBG-DR funds made available under this Agreement. All Program Income shall be returned to Grantee, absent written authorization from Grantee to the contrary, in accordance with any procedures established by HUD and Grantee. Any interest earned on cash advances from the U.S. Treasury and from funds held in a revolving fund account is not Program Income and shall be remitted promptly to Grantee.

All Program assets, other than Program Income (property, equipment, etc.) shall revert to Grantee upon termination of this Agreement in accordance with applicable Federal, laws, regulations, HUD Notices, policies, and guidelines.

#### 2. Indirect Costs

Indirect costs will not be compensated for under this Agreement.

#### 3. Progress Reports

In addition to deliverables and metrics specifically referenced in Exhibit A, Subrecipient shall submit regular Progress Reports to Grantee in the form, content, and frequency as required by Grantee. At a minimum, Progress Reports shall be submitted no less frequently than as required by (1) 24 CFR Part 85,

Subpart C or 24 CFR Part 84, Subpart C, as applicable; (2) 24 CFR 570.507; and (3) the applicable HUD Notices.

#### 4. Payment Procedures

In accordance with the terms in Section IV above, Grantee will pay to Subrecipient funds available under this Agreement based upon information submitted by Subrecipient, consistent with the Subrecipient Program Description, the Budget, Grantee policy concerning payments, and applicable federal and state law and regulation. In addition, Grantee reserves the right to liquidate funds available under this Agreement for costs incurred by Grantee on behalf of Subrecipient.

#### 5. GOSR Reporting Obligations

The following chart summarizes some of the Subrecipient reporting obligations to GOSR. This chart is not intended to catalogue all of Subrecipient's reporting obligations under this Agreement. Note, some of the below reports require the submission of information related to contractors and subsequent subcontractors, which Subrecipient is responsible for collecting and providing to GOSR as required by the cited provision.

<b>Report</b>	<b>Provision Citation</b>	<b>Frequency</b>
Program Income Report	IX.C.1.	Monthly
Progress Report	IX.C.3.	Quarterly
M/WBE Report	XI.B.2.b.	Quarterly
EEO Report	XI.B.3.c.	Quarterly
Section 3 Report	XI.C.3.d.	Quarterly

#### D. Sub-granting

##### 1. Approvals

Subrecipient shall not enter into any agreements with any agency or individual to assist in effectuating the activities of this Agreement without the written consent of Grantee prior to the execution of such agreement.

##### 2. Monitoring

In accordance with Federal, State, and local laws, regulations, HUD Notices, program guidelines, and the policies and procedures to be issued by Grantee, Subrecipient will monitor any and all sub-subrecipient<sup>2</sup> efforts on a regular basis to assure compliance. Results of monitoring efforts shall be summarized in

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<sup>2</sup> As used herein, a "sub-subrecipient" refers to all subrecipients that are lower-tiered than the Subrecipient that is a signatory to this Agreement.

written reports and supported with documented evidence of follow-up actions taken to correct areas of noncompliance. Information detailing credible evidence of waste, fraud or abuse, shall be immediately reported to Grantee, followed by a written report within ten (10) calendar days.

### 3. Content

Subrecipient shall cause all of the provisions of this Agreement in its entirety to be included in and made a part of any sub-subrecipient agreement executed to effectuate this Agreement.

### 4. Selection Process

Subrecipient shall undertake to ensure that all sub-subrecipients utilized to effectuate this Agreement shall be awarded on a fair and reasonable basis in accordance with applicable Federal, State, and local laws, regulations, and HUD Notices, including the HUD Reform Act codified at 42 U.S.C. § 3537a (referred to as Section 103). Executed copies of all sub-subrecipient agreements shall be forwarded to Grantee along with documentation concerning the selection process.

## E. Procurement/Contracting

### 1. General

Subrecipient shall not enter into any contract for goods or services with any entity without the written consent of Grantee prior to the execution of such contract. Unless specified otherwise within this Agreement, Subrecipient shall procure all materials, property, equipment, or services in accordance with the requirements of 24 CFR 85.36 or 84.40-48, as applicable, including but not limited to the need to appropriately assess the lease versus purchase alternatives. Only when Grantee's procurement policies are more stringent than those found at 24 CFR 85.36 or 84.40-48, as applicable, will Subrecipient be required to comply with current Grantee policy concerning the acquisition of materials, property, equipment, or services.

### 2. Supplementary Conditions

Subrecipient shall include Grantee's Supplementary Conditions, attached hereto as Exhibit E, in any contract entered into under this Agreement. Subrecipient shall also require all contractors to flowdown the Grantee's Supplementary Conditions to all subcontractors as well as the requirement to flowdown such terms to all lower-tiered subcontractors. These Supplementary Conditions include required terms for project contracts, HUD General Provisions, Participation by Minority Group Members and Women Requirements and Procedures for Contracts with Housing Trust Fund Corporation, Standard Clauses for Contracts with the Grantee and required diversity forms.

### 3. Records

Subrecipient shall maintain all records required by the Federal regulations specified in (1) 24 CFR Part 85, Subpart C or 24 CFR Part 84, Subpart C, as applicable; (2) 24 CFR 570.506; and (3) the applicable HUD Notices. Only when Grantee's procurement record retention standards are more stringent than Federal regulation shall Subrecipient maintain inventory records of all non-expendable personal property as defined by such policy as may be procured with funds provided herein.

### 4. Travel

Travel costs are not allowed unless authorized by Grantee. In the event that Grantee authorizes travel, Subrecipient shall comply with HUD's Travel Regulations (Travel Handbook 2300.2). Subrecipient shall obtain prior written approval from Grantee for any travel to out of service area assignments.

## F. Use and Reversion of Assets

The use and disposition of real property and equipment under this Agreement shall be in compliance with the requirements of 24 CFR Part 85 or Part 84, as applicable, and 24 CFR Part 570 Subpart J, which include but are not limited to the following:

1. Subrecipient shall transfer to Grantee any CDBG-DR funds on hand and any accounts receivable attributable to the use of funds under this Agreement at the time of expiration, cancellation, or termination.
2. Real property under Subrecipient's control that was acquired or improved, in whole or in part, with funds under this Agreement in excess of \$25,000 shall be used to meet one of the CDBG National Objectives pursuant to 24 CFR 570.208 until five (5) years after expiration of this Agreement or such longer period of time as Grantee deems appropriate. If Subrecipient fails to use CDBG-assisted real property in a manner that meets a CDBG National Objective for the prescribed period of time, Subrecipient shall pay Grantee an amount equal to the current fair market value of the property less any portion of the value attributable to expenditures of non-CDBG funds for acquisition of, or improvement to, the property. Such payment shall constitute Program Income to Grantee. Subrecipient may retain real property acquired or improved under this Agreement after the expiration of the five-year period or such longer period of time as Grantee deems appropriate.
3. In all cases in which equipment acquired, in whole or in part, with funds under this Agreement is sold, the proceeds shall be Program Income (prorated to reflect the extent to that funds received under this Agreement were used to acquire the equipment). Equipment not needed by Subrecipient for activities under this Agreement shall be (a) transferred to Grantee; or (b) retained after compensating

Grantee an amount equal to the current fair market value of the equipment less the percentage of non-CDBG-DR funds used to acquire the equipment.

#### G. Use of Grant Funds to Make Loans

Grant Funds under this Agreement cannot be used to make loans.

#### X. RELOCATION, REAL PROPERTY ACQUISITION, AND ONE-FOR-ONE HOUSING REPLACEMENT

To the extent applicable to its performance under this Agreement, and as modified by the HUD Notices, Subrecipient agrees to comply with (a) the Uniform Relocation Assistance and Real Property Acquisition Policies Act of 1970, as amended (URA), and implementing regulations at 49 CFR Part 24 and 24 CFR 570.606(b); (b) the requirements of 24 CFR 570.606(c) governing the Residential Anti-displacement and Relocation Assistance Plan under section 104(d) of the HCD Act; and (c) the requirements in 24 CFR 570.606(d) governing optional relocation policies. Subrecipient shall provide relocation assistance to displaced persons as defined by 24 CFR 570.606(b)(2) that are displaced as a direct result of acquisition, rehabilitation, demolition or conversion for a CDBG-DR assisted project. Subrecipient also agrees to comply with applicable Grantee ordinances, resolutions, and policies concerning the displacement of persons from their residences.

#### XI. PERSONNEL AND PARTICIPANT CONDITIONS

##### A. Civil Rights

##### 1. Compliance

Subrecipient agrees to comply with the New York State Human Rights Law and with Title VI of the Civil Rights Act of 1964, as amended, Title VIII of the Civil Rights Act of 1968 as amended, Section 104(b) and Section 109 of Title I of the Housing and Community Development Act of 1974 as amended, Section 504 of the Rehabilitation Act of 1973, the Americans with Disabilities Act of 1990, the Age Discrimination Act of 1975, Executive Order 11063, and Executive Order 11246 as amended by Executive Orders 11375, 11478, 12107, and 12086.

##### 2. Nondiscrimination

Subrecipient agrees to comply with the non-discrimination in employment and contracting opportunities laws, regulations, and executive orders referenced in 24 CFR 570.607, as revised by Executive Order 13279. The applicable non-discrimination provisions in Section 109 of the HCD Act are still applicable.



### 3. Land Covenants

This Agreement is subject to the requirements of Title VI of the Civil Rights Act of 1964 (P.L. 88-352) and 24 CFR 570.601 and 570.602. In regard to the sale, lease, or other transfer of land acquired, cleared or improved with assistance provided under this Agreement, Subrecipient shall cause or require a covenant running with the land to be inserted in the deed or lease for such transfer, prohibiting discrimination as herein defined, in the sale, lease or rental, or in the use or occupancy of such land, or in any improvements erected or to be erected thereon, providing that Grantee and the United States are beneficiaries of, and entitled to enforce, such covenants. To the extent any such sale, lease or other transfer of land shall occur, Subrecipient, in undertaking its obligation to carry out the Program assisted hereunder, agrees to take such measures as are necessary to enforce such covenant, and will not itself so discriminate.

### 4. Section 504

Subrecipient agrees to comply with all Federal regulations issued pursuant to Section 504 of the Rehabilitation Act of 1973 (29 U.S.C. 794), which prohibits discrimination against individuals with disabilities or handicaps in any Federally assisted program. Grantee shall provide Subrecipient with certain guidelines for compliance with that portion of the regulations in force during the term of this Agreement.

## B. Affirmative Action

### 1. Approved Plan

Subrecipient agrees that it shall be committed to carry out, pursuant to Grantee's specifications, an Affirmative Action Program in keeping with the principles as provided in Executive Order 11246 of September 24, 1965. Grantee shall provide certain Affirmative Action guidelines to Subrecipient to assist in the formulation of such program. Subrecipient shall submit a plan for an Affirmative Action Program for approval prior to the award of funds.

### 2. Minority- and Women-Owned Businesses (M/WBE)

#### a. Federal Requirements

Subrecipient shall comply with the small and minority firms, women's business enterprise, and labor surplus area requirements as set forth at 24 CFR 85.36 or 84.44, as applicable.

Subrecipient will use its best efforts to afford small businesses, minority business enterprises, and women's business enterprises the maximum practicable opportunity to participate in the performance of this Agreement.

As used in this Agreement, the terms “small business” means a business that meets the criteria set forth in section 3(a) of the Small Business Act, as amended (15 U.S.C. 632), and “minority and women’s business enterprise” means a business at least fifty-one (51) percent owned and controlled by minority group members or women. For the purpose of this definition, “minority group members” are African-Americans, Spanish-speaking, Spanish surnamed, or Spanish-heritage Americans, Asian-Americans, and American Indians. Subrecipient may rely on written representations by businesses regarding their status as minority and female business enterprises in lieu of an independent investigation.

b. HTFC Requirements

Pursuant to New York State Executive Law Article 15-A (“Article 15-A”), HTFC recognizes its obligation under the law to promote opportunities for maximum feasible participation of certified minority-and/or women-owned business enterprises (“M/WBEs”) in the performance of HTFC-funded contracts. HTFC values affording M/WBEs the opportunity to participate in the performance of the contract(s) to be awarded for this project. Accordingly, Subrecipient certifies that it has made and will continue to make good-faith efforts to promote and assist the participation of certified M/WBEs through the use of contractors and their subcontractors at all tiers on this project, in an amount equal to fifteen percent (15%) minority-owned business enterprises (“MBE”) and fifteen percent (15%) women-owned business enterprises (“WBE”) of the total dollar value of this project. Notwithstanding the foregoing goals, should the State of New York change such goals, Subrecipient and its contractors and their subcontractors (at all tiers) shall continuously make good-faith efforts to achieve the M/WBE goals in effect at any given time during the performance of this Agreement and their contract(s) respectively. These participation goals are applicable to this Agreement as set forth in Exhibit E, Appendix III and will be monitored by HTFC.

Subrecipient shall require that its contractors and their subcontractors at all tiers comply with the aforementioned M/WBE requirements as set forth in the Participation by Minority Group Members and Women Requirements and Procedures for Contracts with Housing Trust Fund Corporation, attached hereto at Exhibit E, Appendix III. In accordance with those requirements, Subrecipient shall require all covered contractors and their subcontractors at all tiers to submit the required M/WBE documentation, including utilization plans and quarterly reports, to Subrecipient. Subrecipient shall provide quarterly reporting of M/WBE data in a form acceptable to HTFC, with copies of contractor and subcontractor M/WBE documentation as supporting documentation. Notwithstanding the provision of such reports and supporting documentation, Subrecipient, and Subrecipient’s contractors and their subcontractors at all tiers, shall maintain copies of all reports and supporting documents as set forth in this Agreement.

### 3. Equal Employment Opportunity (“EEO”) and Non-Discrimination

#### a. Equal Employment Opportunity and Affirmative Action (EEO/AA) Statement

Subrecipient will, in all solicitations or advertisements for employees placed by or on behalf of Subrecipient, state that it is an Equal Opportunity or Affirmative Action employer.

#### b. Non-Discrimination

Subrecipient shall comply with the provisions of the Human Rights Law, and all other State and Federal statutory and constitutional non-discrimination provisions. Subrecipient shall not discriminate against any employee or applicant for employment because of race, creed (religion), color, sex, national origin, sexual orientation, military status, age, disability, predisposing genetic characteristic, marital status, or domestic violence victim status, and shall also follow the requirements of the Human Rights Law with regard to non-discrimination on the basis of prior criminal conviction and prior arrest.

#### c. HTFC Requirements

Pursuant to New York State Executive Law Article 15-A (“Article 15-A”), HTFC recognizes its obligation under the law to promote opportunities for the employment of minority group members and women in the performance of HTFC-funded contracts.

Subrecipient shall require that its contractors and their subcontractors at all tiers comply with the EEO requirements found in the Participation by Minority Group Members and Women Requirements and Procedures for Contracts with Housing Trust Fund Corporation, attached hereto at Exhibit E, Appendix III. In accordance with those requirements, Subrecipient shall require all covered contractors and their subcontractors at all tiers to submit the required documentation, including an EEO policy statement, staffing plan, and quarterly reports to Subrecipient. Subrecipient shall provide quarterly reporting of EEO data in a form acceptable to HTFC, with copies of contractor and subcontractor EEO documentation as supporting documentation. Notwithstanding the provision of such reports and supporting documentation, Subrecipient, and Subrecipient’s contractors and their subcontractors at all tiers, shall maintain copies of all reports and supporting documents as set forth in this Agreement.

#### 4. Access to Records

Subrecipient shall furnish and cause each of its own sub-subrecipients, contractors, and subcontractors to furnish all information and reports required hereunder and will permit access to its books, records and accounts by Grantee, HUD or its agent, the Comptroller General of the United States, or other authorized Federal officials for purposes of investigation to ascertain compliance with the rules, regulations, and provisions stated herein.

#### 5. Contract Provisions

Subrecipient will include the provisions of Paragraphs XI.A., Civil Rights, and B., Affirmative Action, in every subsequent sub-subrecipient agreement, contract, subcontract, or purchase order, specifically or by reference, so that such provisions will be binding upon each of its own sub-subrecipients, contractors, or subcontractors.

### C. Employment Restrictions

#### 1. Prohibited Activity

Subrecipient is prohibited from using funds provided herein or personnel employed in the administration of the program for: political activities; inherently religious activities; lobbying; political patronage; and nepotism activities.

#### 2. Labor Standards

Subrecipient agrees to comply with the requirements of the Secretary of Labor in accordance with the Davis-Bacon Act, as amended, the provisions of Contract Work Hours and Safety Standards Act (40 U.S.C. 327 et seq.), and all other applicable Federal, state, and local laws and regulations pertaining to labor standards insofar as those acts apply to the performance of this Agreement. Subrecipient agrees to comply with the Copeland Anti-Kick Back Act (18 U.S.C. 874 et seq.) and its implementing regulations of the U.S. Department of Labor at 29 CFR Part 5. Subrecipient shall maintain documentation that demonstrates compliance with hour and wage requirements of this part. Such documentation shall be made available to Grantee for review upon request. Subrecipient agrees that, except with respect to the rehabilitation or construction of residential property containing less than eight (8) units, all contractors engaged under contracts in excess of \$2,000.00 for construction, renovation, or repair work financed in whole or in part with assistance provided under this Agreement, shall comply with Federal requirements adopted by Grantee pertaining to such contracts and with the applicable requirements of the regulations of the Department of Labor, under 29 CFR Parts 1, 3, 5 and 7 governing the payment of wages and ratio of apprentices and trainees to journey workers; provided that, if wage rates higher than those required under the regulations are imposed by state

or local law, nothing hereunder is intended to relieve Subrecipient of its obligation, if any, to require payment of the higher wage. Subrecipient shall cause or require to be inserted in full, in all such contracts subject to such regulations, provisions meeting the requirements of this paragraph.

### 3. “Section 3” Clause

#### a. Compliance

Compliance with the provisions of Section 3 of the HUD Act of 1968, as amended, and as implemented by the regulations set forth in 24 CFR 135, and all applicable rules and orders issued hereunder prior to the execution of this Agreement, shall be a condition of the Federal financial assistance provided under this Agreement and binding upon Grantee, Subrecipient, and any of Subrecipient’s sub-subrecipients, contractors, and subcontractors. Failure to fulfill these requirements shall subject Grantee, Subrecipient, and any of Subrecipient’s sub-subrecipients, contractors, and subcontractors, as well as their successors and assigns, to those sanctions specified by the agreement through which Federal assistance is provided. Subrecipient certifies and agrees that no contractual or other disability exists that would prevent compliance with these requirements.

Subrecipient further agrees to comply with these “Section 3” requirements and to include the following language in all subsequent sub-subrecipient agreements, contracts, and subcontracts executed under this Agreement:

“The work to be performed under this Agreement is a project assisted under a program providing direct Federal financial assistance from HUD and is subject to the requirements of Section 3 of the Housing and Urban Development Act of 1968, as amended (12 U.S.C. 1701). Section 3 requires that to the greatest extent feasible opportunities for training and employment be given to low- and very low-income residents of the project area, and that contracts for work in connection with the project be awarded to business concerns that provide economic opportunities for low- and very low-income persons residing in the metropolitan area in which the project is located.”

Subrecipient further agrees to ensure that opportunities for training and employment arising in connection with a housing rehabilitation (including reduction and abatement of lead-based paint hazards), housing construction, or other public construction project are given to low- and very low-income persons residing within the metropolitan area in which the CDBG-DR funded project is located; where feasible, priority should be given to low- and very low-income persons within the service area of the project or the neighborhood in which the project is located, and to low- and very low-income participants in other HUD programs; and award contracts for work undertaken in connection with a housing rehabilitation (including reduction and abatement

of lead-based paint hazards), housing construction, or other public construction project to business concerns that provide economic opportunities for low- and very low-income persons residing within the metropolitan area in which the CDBG-DR funded project is located; where feasible, priority should be given to business concerns that provide economic opportunities to low- and very low-income residents within the service area or the neighborhood in which the project is located, and to low- and very low-income participants in other HUD programs.

Subrecipient certifies and agrees that no contractual or other legal incapacity exists that would prevent compliance with these requirements.

b. Notifications

Subrecipient agrees to send to each labor organization or representative of workers with which it has a collective bargaining agreement or other contract or understanding, if any, a notice advising said labor organization or worker's representative of its commitments under this Section 3 clause and shall post copies of the notice in conspicuous places available to employees and applicants for employment or training.

c. Contracts

Subrecipient will include this Section 3 clause in subsequent sub-subrecipient agreements, contracts, and subcontracts, and will take appropriate action, pursuant to any such agreement, upon a finding that a sub-subrecipient, contractor, or subcontractor is in violation of regulations issued by HUD. Subrecipient will not subgrant or contract with any entity where it has notice or knowledge that the entity has been found in violation of regulations under 24 CFR Part 135, and will not let any sub-subrecipient agreement or contract unless the entity has first provided it with a preliminary statement of ability to comply with the requirements of these regulations.

d. Reporting

Irrespective of any applicable Federal reporting requirements, Subrecipient shall submit quarterly reports along with any supporting documentation, in a form acceptable to Grantee, of its Section 3 compliance efforts to Grantee. Notwithstanding the provision of such reports and supporting documentation, Subrecipient shall maintain copies of all reports and supporting documents as set forth in this Agreement. A summary of this and certain other reporting obligations is provided at paragraph IX.C.5.

## D. Conduct

### 1. Hatch Act

Subrecipient agrees that no funds provided, nor personnel employed under this Agreement, shall be in any way or to any extent engaged in the conduct of political activities in violation of Chapter 15 of Title V of the U.S.C.

### 2. Conflict of Interest

Subrecipient agrees to abide by the provisions of 24 CFR 85.36 or 84.42-43, as applicable, and 24 CFR 570.611, which include (but are not limited to) the following:

a. It is presumed that Subrecipient is subject to state and local ethic laws and regulations related to the conduct of its officers, employees or agents engaged in the award and administration of this Agreement.

b. In the event Subrecipient is not, Subrecipient shall maintain written standards of conduct governing the performance of its employees engaged in the award and administration of this Agreement. No employee, officer, or agent shall participate in the selection, award, or administration of a contract supported by Federal funds if a real or apparent conflict of interest would be involved. Such a conflict would arise when the employee, officer, or agent, any member of his or her immediate family, his or her partner, or an organization which employs or is about to employ any of the parties indicated herein, has a financial or other interest in the firm selected for an award. The officers, employees, and agents of the recipient shall neither solicit nor accept gratuities, favors, or anything of monetary value from contractors, or parties to subagreements. However, recipients may set standards for situations in which the financial interest is not substantial or the gift is an unsolicited item of nominal value. The standards of conduct shall provide for disciplinary actions to be applied for violations of such standards by officers, employees, or agents of the recipient.

c. No covered persons who exercise or have exercised any functions or responsibilities with respect to CDBG-DR assisted activities, or who are in a position to participate in a decision-making process or gain inside information with regard to such activities, may obtain a financial interest in any contract, or have a financial interest in any contract, subcontract, or agreement with respect to the CDBG-DR assisted activity, or with respect to the proceeds from the CDBG-DR assisted activity, either for themselves or those with whom they have business or immediate family ties, during their tenure or for a period of one (1) year thereafter. For purposes of this paragraph, a "covered person" includes any person who is an employee, agent, consultant, officer, or

elected or appointed official of Grantee, Subrecipient, or any designated public agency.

### 3. Lobbying

Subrecipient hereby certifies that:

a. To the best of its knowledge and belief, no Federal appropriated funds have been paid or will be paid, by or on behalf of it, to any person for influencing or attempting to influence an officer or employee of any agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with this Agreement.

b. If any funds other than Federal appropriated funds have been paid or will be paid to any person for influencing or attempting to influence an officer or employee of any agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with this Agreement, Subrecipient shall complete and submit Standard Form-LLL, "Disclosure Form to Report Lobbying," in accordance with its instructions.

c. This certification is a material representation of fact upon which reliance was placed when this transaction was made or entered into. Submission of this certification is a prerequisite for making or entering into this transaction imposed by section 1352, title 31, U.S.C. Any person who fails to file the required certification shall be subject to a civil penalty of not less than \$10,000 and not more than \$100,000 for each such failure.

d. It has and will comply with Section 139-j and 139-k of the State Finance Law.

e. It will require that the language of paragraphs (a) through (e) of this certification be included in the award documents for all subawards at all tiers (including subcontracts, subgrants, and contracts under grants, loans, and cooperative agreements) and that all subrecipients shall certify and disclose accordingly.

### 4. Copyright

If this Agreement results in any copyrightable material or inventions, Grantee and/or HUD reserves the right to royalty-free, non-exclusive and irrevocable license to reproduce, publish or otherwise use and to authorize others to use, the work or materials for governmental purposes. This clause shall survive indefinitely the termination of this Agreement for any reason.



## 5. Religious Activities

Subrecipient agrees that funds provided under this Agreement will not be utilized for inherently religious activities prohibited by 24 CFR 570.200(j), such as worship, religious instruction, or proselytization.

## XII. ENVIRONMENTAL CONDITIONS

### A. Environmental Laws

Subrecipient agrees to comply with, and shall retain an independent environmental monitor to document compliance, to the extent applicable, with the following requirements (and their state and/or local counterparts or analogues, if any) insofar as they apply to the performance of this Agreement or the Grantee Program, as any of the following may hereinafter be amended, superseded, replaced, or modified:

- Executive Order 11988, Floodplain Management, May 24, 1977 (42 FR 26951, 3 CFR, 1977 Comp., p. 117, as interpreted at 24 C.F.R. Part 55), and Executive Order 11990, Protection of Wetlands, May 24, 1977 (42 FR 26961; 3 CFR, 1977 Comp., p. 121);
- Coastal Zone Management Act of 1972, as amended (16 U.S.C. § 1451 *et seq.*);
- Safe Drinking Water Act of 1974 (42 U.S.C. 201, 300(f) *et seq.*, and 21 U.S.C. § 349, as amended), and EPA regulations for Sole Source Aquifers (40 C.F.R. Part 149);
- Endangered Species Act of 1973, as amended (16 U.S.C. § 1531 *et seq.*);
- Wild and Scenic Rivers Act of 1968, as amended (16 U.S.C. § 1271 *et seq.*);
- Clean Air Act, as amended (42 U.S.C. § 7401 *et seq.*);
- EPA regulations for Determining Conformity of Federal Actions to State or Federal Implementation Plans (40 C.F.R. Parts 6, 51, and 93);
- Farmland Protection Policy Act of 1981 (7 U.S.C. § 4201 *et seq.*), and USDA regulations at 7 C.F.R. Part 658;
- HUD criteria and standards at 24 C.F.R. Part 51;
- Executive Order 12898, Federal Actions to Address Environmental Justice in Minority Populations and Low-Income Populations, Feb. 11, 1994 (59 FR 7629, 3 CFR, 1994 Comp. p. 859);

- Flood Disaster Protection Act of 1973, as amended (42 U.S.C. § 4001-4128);
- National Flood Insurance Reform Act of 1994 (42 U.S.C. § 5154a);
- Coastal Barrier Resources Act, as amended by the Coastal Barrier Improvement Act of 1990 (16 U.S.C. § 3501);
- Runway Clear Zone regulations (24 C.F.R. Part 51);
- Federal Water Pollution Control Act, as amended (33 U.S.C. § 1251, *et seq.*), 1318 relating to inspection, monitoring, entry, reports, and information, as well as other requirements specified in said Section 114 and Section 308, and all regulations and guidelines issued thereunder;
- Environmental Protection Agency (EPA) regulations at 40 CFR Part 50, as amended;
- HUD regulations at 24 C.F.R. Part 51, Subpart B, and New York State and local laws, regulations, and ordinances related to noise abatement and control, as applicable;
- HUD regulations at 24 C.F.R. Part 51 Subpart C regarding siting of projects near hazardous operations handling conventional fuels or chemicals of an explosive or flammable nature;
- HUD and EPA regulations related to asbestos-containing material and lead-based paint, including but not limited to Part 56 of Title 12 of the Official Compilation of Codes, Rules and Regulations of the State of New York Department of Labor (12 NYCRR Part 56), the National Emission Standard for Asbestos (40 C.F.R. § 61.145), the National Emission Standard for Asbestos (40 C.F.R. § 61.150), and 24 C.F.R. Part 35 Subparts B, H, and J; and
- All other applicable Environmental Laws that may exist now or in the future. For the purposes of this section, “Environmental Laws” shall mean any federal, state, provincial or local law (including but not limited to statutes, rules, regulations, ordinances, directives, guidance documents or judicial or administrative interpretation thereof, or any judicial or administrative order, ruling or other such written requirement). Environmental Laws include, without limitation, any action which causes a review or reassessment of the Grantee Program.

#### B. Flood Disaster Protection

In accordance with the requirements of the Flood Disaster Protection Act of 1973 (42 U.S.C. 4001), Subrecipient shall assure that for activities located in an area identified by the Federal Emergency Management Agency (FEMA) as having special flood hazards, flood insurance under the National Flood Insurance Program is obtained and

maintained as a condition of financial assistance for acquisition or construction purposes (including rehabilitation).

#### C. Lead-Based Paint

Subrecipient agrees that any construction or rehabilitation of structures containing residential units with assistance provided under this Agreement shall be subject to HUD Lead-Based Paint Regulations at 24 CFR 570.608, and 24 CFR Part 35, Subpart B. Such regulations pertain to all CDBG-assisted housing and require that all owners, prospective owners, and tenants of properties constructed prior to 1978 be properly notified that such properties may include lead-based paint. Such notification shall point out the hazards of lead-based paint and explain the symptoms, treatment and precautions that should be taken when dealing with lead-based paint poisoning and the advisability and availability of blood lead level screening for children under seven. The notice should also point out that if lead-based paint is found on the property, abatement measures may be undertaken. The regulations further require that, depending on the amount of Federal funds applied to a property, paint testing, risk assessment, treatment and/or abatement may be conducted.

#### D. Historic Preservation

Subrecipient agrees to comply with the Historic Preservation requirements set forth in the National Historic Preservation Act of 1966, as amended (16 U.S.C. 470) and the procedures set forth in 36 CFR Part 800 and 801, Advisory Council on Historic Preservation Procedures for Protection of Historic Properties, insofar as they apply to the performance of this agreement, as well as any other applicable laws or regulations relating to historic properties.

In general, this requires concurrence from the State Historic Preservation Officer for all rehabilitation and demolition of historic properties that are fifty years old or older or that are included on a Federal, state, or local historic property list.

#### E. Implementation of Mitigation Measures

Subrecipient agrees to comply with and timely implement any and all mitigation measures and other requirements set forth in any environmental reviews, environmental assessments, or environmental impact statements performed or to be performed in connection with, or records of decision or any similar documents, issued or to be issued in connection with, the CDBG-DR Program as may be applicable to this Agreement. It is Subrecipient's responsibility to ensure that it has complete copies of all such documents.

### XIII. ASSIGNMENT

Subrecipient shall not assign or transfer any interest in this Agreement without the prior written consent of Grantee.

### XIV. SEVERABILITY

If any provision of this Agreement is held invalid, the remainder of the Agreement shall not be affected thereby and all other parts of this Agreement shall nevertheless be in full force and effect.

### XV. SECTION HEADINGS AND SUBHEADINGS

The section headings and subheadings contained in this Agreement are included for convenience only and shall not limit or otherwise affect the terms of this Agreement.

### XVI. WAIVER

Grantee's failure to act with respect to a breach by Subrecipient does not waive its right to act with respect to subsequent or similar breaches. The failure of Grantee to exercise or enforce any right or provision shall not constitute a waiver of such right or provision.

### XVII. CHOICE OF LAW

This Agreement shall be governed by and construed under the laws of the State of New York without giving effect to its conflict of law principles. Nothing in the Agreement shall preclude either Party from seeking injunctive relief to protect its rights under this Agreement.

The Parties consent to and agree that any and all disputes arising out of or relating in any way to the Agreement shall be subject to the exclusive jurisdiction of the state courts or Federal District Courts of New York. The Parties consent to the jurisdiction of such courts, agree to accept service of process by mail, and waive any jurisdictional or venue defenses otherwise available.

### XVIII. COMPLIANCE WITH LAW

It is the intention and understanding of the Parties hereto that each and every provision of law required to be inserted in this Agreement should be and is inserted herein. Furthermore, it is hereby stipulated that every such provision is deemed to be inserted and if, through mistake or otherwise, any such provision is not inserted herein or

is not inserted in correct form, then this Agreement shall forthwith, upon the application of any Party, be amended by such insertion so as to comply strictly with the law and without prejudice to the rights of any Party.

#### XIX. SUBROGATION

Subrecipient acknowledges that funds provided through this Agreement are Federal funds administered by HUD under the CDBG-DR Program and that all funds provided by this Agreement are subject to audit, disallowance, and repayment. Any disagreement with adverse findings may be challenged and subject to Federal regulation, however, Subrecipient shall promptly return any and all funds to Grantee, which are found to be ineligible, unallowable, unreasonable, a duplication of benefits, or non-compensable, no matter the cause. This clause shall survive indefinitely the termination of this Agreement for any reason.

#### XX. ENTIRE AGREEMENT

This Agreement constitutes the entire agreement among the Parties for the use of funds received under this Agreement and it supersedes all prior or contemporaneous communications and proposals, whether electronic, oral, or written among the Parties with respect to this Agreement.

IN WITNESS WHEREOF, this Agreement has been executed by a duly authorized representative of the parties.

**Housing Trust Fund Corporation**

By: \_\_\_\_\_  
Name: Lisa Bova-Hiatt  
Title: Interim Executive Director,  
Governor's Office of Storm Recovery

**City of Rye**

By: \_\_\_\_\_  
Name: Joseph A. Sack  
Title: Mayor

This contract has been approved by Grantee's Counsel as to form and its Treasurer as to fiscal sufficiency.

**EXHIBIT A**  
**Subrecipient Program Description**

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**EXHIBIT B**  
**Budget**



**EXHIBIT C**  
**Designation of Depository**

## **EXHIBIT D**

### **HUD and Grantee Recognition**

Please find below guidelines for recognition of HUD, Housing Trust Fund Corporation (“HTFC”), and the Governor’s Office of Storm Recovery (“GOSR”) (collectively referred to herein as the “Grantee”) in any work done as a result of this subrecipient agreement. Note, any public information and all of the items below must be approved by the Grantee in advance of publication or posting. Note: The following serve as general guidelines, Grantee reserves the right to direct specific reasonable recognition requirements on a case-by-case basis, including by not limited to the size and content, waiver, removal or addition of such recognition.

#### *Written documents:*

All written documents must include the following language, unless otherwise specified in writing by the Grantee:

1. “This [program/project] is made possible by a grant from the Housing Trust Fund Corporation, which is funded through Community Development Block Grants from the U.S. Department of Housing and Urban Development.”
2. Written documents should also include the Grantee logo(s) and the name of the Governor.

#### *Internet information and e-mail information:*

1. Internet information must include all of the items required for written documentation and a link to the Grantee’s website(s).

#### *Offices open to the public providing services funded by the Grantee:*

1. All offices must include a sign including all of the items required for written documentation.

#### *Construction Signs:*

1. All construction signs must include a sign including all of the items required for written documentation.
2. All construction signs must also include the name of the project, an expected end date for the project, the name of the subrecipient, and a phone number for the public to call to obtain information about the project. This must be a phone number maintained by the subrecipient or one of its subcontractors.

#### *Completed Projects:*

1. All completed projects must include permanent recognition of the Grantee. The subrecipient is required to submit to the Grantee for written approval of the proposed permanent recognition.

**EXHIBIT E**  
**Appendices for Contractors and Subcontractors at all Tiers**

**OFFERED BY:**

**SECONDED BY:**

**RESOLUTION NO. \_\_\_\_\_**

**A RESOLUTION ADOPTING THE FOLLOWING PROCEDURES AND POLICIES FOR THE CITY OF RYE IN THE PROCUREMENT OF GOODS AND SERVICES NECESSARY FOR THE IMPLEMENTATION OF PROJECTS FUNDED BY THE GOVERNOR'S OFFICE OF STORM RECOVERY OF THE NEW YORK STATE HOUSING TRUST FUND CORPORATION**

**WHEREAS**, in the aftermath of Superstorm Sandy, the United States Congress, through Public Law passed the Disaster Relief Appropriations Act of 2013 (Public Law 113-2, approved January 29, 2013), as amended (the "Act"), appropriating \$16 billion, later reduced to \$15.18 billion, to the U.S. Department of Housing and Urban Development ("HUD") for Community Development Block Grant Disaster Recovery ("CDBG-DR") funds for necessary expenses related to disaster relief, long-term recovery, restoration of infrastructure, and housing and economic revitalization in the most impacted and distressed areas resulting from a major disaster declared due to Superstorm Sandy and other eligible events, including Hurricane Irene and Tropical Storm Lee, in calendar years 2011, 2012, and 2013 (the "Storms"), subject to the Federal statutes and regulations governing CDBG grants, as modified by exceptions and waivers previously granted and which may hereafter be granted by HUD; and,

**WHEREAS**, pursuant to the CDBG-DR Grant Program and Federal Register Notice (78 Fed. Reg. 14,329), published March 5, 2013, titled, *"Allocations, Common Applications, and Alternative Requirements for Grantees Receiving Community Development Block Grant (CDBG) Disaster Recovery Funds in Response to Hurricane Sandy (as amended),"* the State has received an allocation of CDBG-DR funds from HUD in the amount of \$1,713,960,000; and

**WHEREAS**, pursuant to the CDBG-DR Grant Program and Federal Register Notice (78 Fed. Reg. 69,104), entitled *Second Allocation, Waivers, and Alternative Requirements for Grantees Receiving Community Development Block Grant (CDBG) Disaster Recovery Funds in Response to Hurricane Sandy (as amended),"* the State has received a second allocation of CDBG-DR funds from HUD in the amount of \$2,097,000,000; and

**WHEREAS**, pursuant to the CDBG-DR Grant Program and Federal Register Notice (79 Fed. Reg. 62,183), entitled *Third Allocation, Waivers, and Alternative Requirements for Grantees Receiving Community Development Block Grant (CDBG) Disaster Recovery Funds in Response to*

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3/1/2015

*Hurricane Sandy* (as amended),” the State has received a third allocation of CDBG-DR funds from HUD in the amount of \$639,056,000; and

**WHEREAS**, the City of Rye has entered into a subrecipient agreement with the Governor’s Office of Storm Recovery of the New York State Housing Trust Fund Corporation.

**NOW, THEREFORE BE IT RESOLVED** by the City Council of the City of Rye, on behalf of the City of Rye that the City of Rye shall follow these policies and procedures in the procurement of goods and services necessary for the implementation of projects funded by the Governor’s Office of Storm Recovery of the New York State Housing Trust Fund Corporation:

#### **AVOIDING PROCUREMENT OF UNNECESSARY OR DUPLICATIVE ITEMS OR SERVICES**

The director or supervisor of each department or agency of the City of Rye responsible for procurement of services, supplies, equipment, or construction obtained with Federal, State or Local funds shall review all proposed procurement actions to avoid the purchase of unnecessary or duplicative items. Such reviews shall consider consolidation or breaking out to obtain a more economical purchase. When determined appropriate by the director or supervisor, an analysis should be made of lease versus purchase alternatives and any other analysis to determine the most economical approach.

#### **CODE OF CONDUCT**

No employee, officer or agent of the City of Rye shall participate directly or indirectly in the selection or in the award or administration of any contract if a conflict, real or apparent, would be involved. Such conflict would arise when a financial or other interest in a firm selected for award is held by:

1. An employee, officer or agent involved in making the award;
2. His/her relative including father, mother, son, daughter, brother, sister, uncle, aunt, first cousin, nephew, niece, husband, wife, father-in-law, mother-in-law, son-in-law, daughter-in-law, brother-in-law, sister-in-law, stepfather, stepmother, stepson, stepdaughter, stepsister, half-brother, or sister;
3. His/her partner; or
4. An organization which employs, is negotiating to employ, or has an arrangement concerning prospective employment of any of the above.

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3/1/2015

## **PROCUREMENT AND CONTRACT PROTEST PROCEDURES**

Any actual or prospective contractor may protest the solicitation or award of a contract for serious violations of the principles of this Statement. Any protest against solicitations must be received before the due date for receipt of bids or proposals, and any protest against the award of a contract must be received within ten calendar days after contract award, or the protest will not be considered. All bid protests shall be in writing, submitted to Purchasing Agent or **City Manager**. The Purchasing Agent or **City Manager** may, at his/her discretion, suspend the procurement pending resolution of the protest, if warranted by the facts presented.

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3/1/2015

**SAMPLE**

**OFFERED BY  
SECONDED BY**

**RESOLUTION NO. \_\_\_\_\_**

**A RESOLUTION TO ADOPT A CITIZEN PARTICIPATION PLAN AS REQUIRED  
UNDER THE NEW YORK STATE COMMUNITY DEVELOPMENT BLOCK GRANT-  
DISASTER RECOVERY (CDBG-DR) PROGRAM.**

**WHEREAS**, the \_\_\_\_\_ is a subrecipient receiving New York State Community Development Block Grant-Disaster Recovery (CDBG-DR) funds, as administered by the Housing Trust Fund Corporation, Governor's Office of Storm Recovery (GOSR) to assist in addressing unmet needs from either Hurricane Irene, Tropical Storm Lee, or Superstorm Sandy; and,

**WHEREAS**, participation in the New York State Community Development Block Grant-Disaster Recovery (CDBG-DR) Program requires the adoption and implementation of a Citizen Participation Plan to comply with Section 508 of the Housing and Community Development Act of 1974, as amended; and,

**WHEREAS**, the purpose of this plan is to provide for and encourage citizen participation, with particular emphasis on participation by persons of low and moderate income who are residents of slum and blighted areas and of areas in which funds are proposed to be used.

**NOW, THEREFORE, BE IT RESOLVED** by the \_\_\_\_\_ that the attached New York State Community Development Block Grant-Disaster Recovery (CDBG-DR) Citizen Participation Plan be hereby officially adopted for implementation in the \_\_\_\_\_ New York State CDBG-DR Program.

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**SAMPLE**

**OFFERED BY  
SECONDED BY**

**RESOLUTION NO. \_\_\_\_\_**

**A RESOLUTION TO ADOPT AN AFFIRMATIVE ACTION PLAN AS REQUIRED  
UNDER THE NEW YORK STATE COMMUNITY DEVELOPMENT BLOCK GRANT-  
DISASTER RECOVERY (CDBG-DR) PROGRAM.**

**WHEREAS**, the \_\_\_\_\_ is a subrecipient receiving New York State Community Development Block Grant-Disaster Recovery (CDBG-DR) funds, as administered by the Governor's Office of Storm Recovery (GOSR) of the New York State Housing Trust Fund Corporation (HTFC) to assist in addressing unmet needs from either Hurricane Irene, Tropical Storm Lee, or Superstorm Sandy; and,

**WHEREAS**, participation in the New York State CDBG-DR Program requires the adoption and implementation of an Affirmative Action Plan to meet the Equal Employment Opportunity (EEO) requirements of Executive Order 11246 and other program policies; and,

**WHEREAS**, the purpose of this plan is to prohibit workplace employment discrimination on the basis of age, race, color, religion, gender, creed, national origin, physical or mental disability, marital status, veteran status, disabled veteran status, or status as a member of any other protected group or activity.

**NOW, THEREFORE, BE IT RESOLVED** by the \_\_\_\_\_ that the attached Affirmative Action Plan be hereby officially adopted for implementation in the \_\_\_\_\_ New York State CDBG-DR Program.

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OFFERED BY:

SECONDED BY:

RESOLUTION NO. \_\_\_\_\_

A RESOLUTION ADOPTING THE FOLLOWING SECTION 504 POLICIES AND  
GRIEVANCE PROCEDURES FOR THE \_\_\_\_\_[SUBRECIPIENT]

SECTION 504 RESOLUTION/(*INSERT NAME OF SUBRECIPIENT*)

**WHEREAS**, Section 504 of the Rehabilitation Act of 1973 prohibits discrimination on the basis of disability in programs and activities conducted by the U.S. Department of Housing and Urban Development (HUD) or by grantees that receive financial assistance from HUD, and

**WHEREAS**, Part 8 of Title 24 of the Code of Federal Regulations (24 CFR) requires adoption of grievance procedures to address complaints of those who feel they may have been discriminated against on the basis of disability and also requires the provision of notice of said grievance procedures, and

**WHEREAS**, it is the policy of the (*insert name of subrecipient*) not to discriminate against any individual, person, or group on the basis of disability and the intent of the (*insert Village, Town, or City or name of organization, as appropriate*) to address any complaints that may arise pursuant to Section 504,

**NOW, THEREFORE, BE IT RESOLVED** that the (*insert name of subrecipient*) does hereby adopt by resolution internal grievance procedures (the "Procedure") providing for the prompt and equitable resolution of complaints alleging any action prohibited by Section 504 of the Rehabilitation Act of 1973 of the U.S. Department of Health and Human Services regulations implementing the Act, and

**BE IT FURTHER RESOLVED**, that the (*insert name of subrecipient*) does hereby designate the (*insert TITLE ONLY of appointed Grievance Coordinator, i.e. Village Clerk, Town Supervisor, etc.*) as the Grievance Coordinator who shall be responsible for receiving and addressing complaints pursuant to the Procedure adopted hereby and attached hereto, and

**BE IT FINALLY RESOLVED**, that the (*insert name of subrecipient*) will place its employee, the public, and potential beneficiaries of certain federal public programs on notice by undertaking certain actions that will include, but may not be limited to (1) providing a copy of the grievance procedure to its employees, (2) putting the public on notice by placing a notice in the (*insert Village's, Town's, City's, or the name of the organization, as appropriate*) official newspaper, posting of notices in the (*insert Village's, Town's, City's, or the name of the organization, as appropriate*) offices and facilities, placing notices in (*insert*

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5/11/2015

*Village's, Town's, City's, or the name of the organization, as appropriate)* publications, and/or distribution of memoranda or other written communications subsequent to adoption of this Procedure, (3) placing copies of the Procedure in the *(insert location of where Procedure can be viewed such as Village Offices, Clerk's Office, City Hall, etc.)* for review and dissemination, and (4) adding language to federal program brochures to insure all potential program beneficiaries are aware of the *(insert Village, Town, City, or name of organization, as appropriate)* adopted grievance procedures.

**BACKGROUND:** Section 504 of the Rehabilitation Act of 1973 (the "Act") as amended prohibits discrimination on the basis of disability in programs and activities conducted by HUD or that receive financial assistance from HUD. This includes the New York State Community Development Block Grant-Disaster Recovery (CDBG-DR) Program funded by HUD, administered by the Governor's Office of Storm Recovery (GOSR), and under which the *(insert subrecipient's name)* has received financial assistance. The Act specifically provides that no qualified individual shall, solely by reason of his or her handicap, be excluded from program participation, including employment, be denied program benefits, or be subjected to discrimination. The Americans with Disabilities Act of 1990 (ADA) established provisions for assuring equality of opportunity, full participation, independent living, and self-sufficiency of disabled persons relative to employment, benefits and services, accommodations, commercial facilities, and multi-family housing.

**SECTION 504 POLICY/COMPLIANCE:** Part 8 of Title 24 of the Code of Federal Regulations (24 CFR) requires the adoption and notice/publication of ADA grievance procedures for municipalities with 15 or more employees, Sections 8.53 and 8.54, respectively. Therefore, be it known that it is the policy of the *(insert subrecipient's name here)* not to discriminate on the basis of disability. Towards that end, the *(insert subrecipient's name here)* has adopted by resolution an internal grievance procedure providing for prompt and equitable resolution of complaints alleging any action prohibited by Section 504 of the Rehabilitation Act of 1973 (29 U.S.C. 794) of the U.S. Department of Health and Human Services regulations implementing the Act. The subject law and implementing regulations may be examined in the *(insert location of where policy can be viewed i.e. Village Clerk's Office, Mayor's Office, etc.)*. The *(insert TITLE of Grievance Procedure Coordinator here rather than a person's name, i.e. Town Code Enforcer, City Clerk, etc.)* for the *(insert subrecipient's name here)* has been designated to coordinate the efforts of the *(insert subrecipient's name here)* with respect to Section 504 compliance. This information can also be accessed on the Internet at the following address:  
[http://portal.hud.gov/hudportal/HUD?src=/program\\_offices/fair\\_housing\\_equal\\_opp/disabilities/sect504](http://portal.hud.gov/hudportal/HUD?src=/program_offices/fair_housing_equal_opp/disabilities/sect504). The *(insert name of office where coordinator is located i.e. Code Enforcer's office)* is located at *(insert street address and name of subrecipient here)*, New York. The Section 504 Coordinator can be reached at *(insert phone number here including area code)*.

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5/11/2015

**GRIEVANCE PROCEDURE:** Any person who believes he or she has been subjected to discrimination on the basis of disability may file a grievance under the procedure adopted by the ***(insert Village, Town, City, or name of organization, as appropriate)*** outlined below.

- Grievances must be submitted to the Section 504 Coordinator within 60 days of the date the person filing the grievance becomes aware of the alleged discriminatory action.
- A complaint must be in writing, containing the name and address of the person filing it. The complaint must state the problem or action alleged to be discriminatory and the remedy or relief sought.
- The Section 504 Coordinator (or her/his designee) shall conduct an investigation of the complaint. This investigation may be informal, but it must be thorough, affording all interested persons an opportunity to submit evidence relevant to the complaint. The Section 504 Coordinator will maintain the files and records of the ***(insert subrecipient's name here)*** relating to such grievances.
- The Section 504 Coordinator will issue a written decision on the grievance no later than 30 days after its filing.
- The person filing the grievance may appeal the decision of the Section 504 Coordinator by writing to the ***(insert Village, Town, City, or name of organization) (Board, Council, etc.)*** within 15 days of receiving the Section 504 Coordinator's decision. The ***(insert Village, Town, City, or name of organization) (Board, Council, etc.)*** shall issue a written decision in response to the appeal no later than 30 days after its filing.
- The availability and use of this grievance procedure does not prevent a person from filing a complaint of discrimination on the basis of disability with the U. S. Department of Health and Human Services, Office for Civil Rights.

The ***(insert subrecipient's name here)*** will make appropriate arrangements to ensure that disabled persons are provided accommodations, if needed, to participate in this grievance process. Such arrangements may include, but are not limited to, providing interpreters for the deaf, providing taped cassettes of material for the blind, or assuring a barrier-free location for the proceedings. The Section 504 Coordinator will be responsible for such arrangements.

It is against the law for the ***(insert subrecipient's name here)*** to retaliate against anyone who files a grievance or cooperates in the investigation of a grievance.

ADOPTED: \_\_\_\_\_

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5/11/2015

**(Name of Subrecipient)**  
**NEW YORK STATE**  
**GOVERNOR'S OFFICE OF STORM RECOVERY (GOSR)**  
**COMMUNITY DEVELOPMENT BLOCK GRANT-DISASTER RECOVERY (CDBG-DR) PROGRAM**

**AFFIRMATIVE ACTION PLAN**

The (subrecipient) has adopted the following Affirmative Action Plan to meet the Equal Employment Opportunity (EEO) requirements of Executive Order 11246 and the program policies of the New York State Community Development Block Grant-Disaster Recovery (CDBG-DR) Program. Executive Order 11246 prohibits federal contractors and subcontractors from engaging in workplace employment discrimination on the basis of age, race, color, religion, gender, creed, national origin, physical or mental disability, marital status, veteran status, disabled veteran status, or status as a member of any other protected group or activity.

- 1) The (subrecipient) is committed to equal employment opportunity and as part of its Affirmative Action Plan shall:
  - a) Recruit, hire, upgrade, train, and promote in all job classifications, without regard to age, race, color, religion, gender, creed, national origin, physical or mental disability, marital status, veteran status, disabled veteran status, or status as a member of any other protected group or activity.
  - b) Base employment decisions on the principles of equal employment opportunity, and with the intent to further the (subrecipient's) commitment to affirmative action;
  - c) Ensure that all terms and conditions of employment such as compensation, benefits, layoff, return from layoff, training, educational tuition assistance, and social and recreation programs, shall be administered without regard to age, race, color, religion, gender, creed, national origin, physical or mental disability, marital status, veteran status, disabled veteran status, or status as a member of any other protected group or activity.
  - d) Ensure that promotion decisions will be made in accordance with the principles of affirmative action by imposing only valid requirements for promotional opportunities;
  - e) Take action to prevent harassment or intimidation of all employees, particularly those encompassed by the (subrecipient's) affirmative action efforts.

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- 2) The (subrecipient) will post the federal EEO Poster in a conspicuous location.
- 3) In all solicitations or advertisements for employment the (subrecipient) shall state that all qualified applicants will receive consideration for employment without regard to age, race, color, religion, gender, creed, national origin, physical or mental disability, marital status, veteran status, disabled veteran status, or status as a member of any other protected group or activity.
- 4) The (subrecipient) will maintain written employment records to demonstrate compliance with Executive Order 11246.
- 5) The (subrecipient) will pursue opportunities to recruit and develop qualified job candidates to avoid employment barriers and to ensure equal opportunity for candidates.
- 6) The (subrecipient's) Affirmative Action Plan will be posted on the Human Resources Office web page at (website address).
- 7) (Title of officer) has been assigned responsibility for the implementation and administration of this Affirmative Action Plan.

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# CITY COUNCIL AGENDA

NO. 7

DEPT.: Planning

DATE: October 7, 2015

CONTACT: Christian K. Miller, AICP, City Planner

**AGENDA ITEM:** ~~Public Hearing to amend local law Chapter 197, "Zoning", of the Rye City Code by amending Section §197-2, "Districts, A: Residence Districts" to change the zoning designation of a property at 120 Old Post Road from the B-4, Office Building, District to a New RA-6, Active Senior Residence, District; and amending Section §197-86, "Tables of Regulations: Table A, Residence Districts — Area Yard, Height and Miscellaneous Regulations" to add the proposed RA-6 zone.~~ **Deferred to October 21, 2015 meeting**

**FOR THE MEETING OF:**

October 7, 2015

**RYE CITY CODE,**

CHAPTER 197

SECTION 7

**RECOMMENDATION:** That the City Council hold a Public Hearing to review the Planning Commission's advisory memorandum and the petitioner's amended submission.

**IMPACT:** ☒ Environmental ☐ Fiscal ☒ Neighborhood ☐ Other:

**BACKGROUND:** The City Council declared themselves Lead Agency under SEQRA at the October 8, 2014 City Council meeting and referred the petition of Old Post Road Associates to the Planning Commission for their review. Old Post Road Associates, LLC, seeks an amendment to the City Zoning Map to change the zoning district designation of an approximately 7.0-acre property located at the intersection of Old Post Road and Playland Access Drive. The request would change the zoning of the property from the B-4, *Office Building*, District to a new zone RA-6, *Active Senior Residence*, District. The petitioner is seeking to construct units of age-restricted housing limited to those individuals over age 55 who are not interested or in need of residing within a retirement community or nursing facility.

See attached Traffic Study submitted by the applicant, the Planning Commission advisory memorandum and applicant's amended petition with supporting documents.





**FREDERICK P. CLARK ASSOCIATES, INC.**

PLANNING, TRANSPORTATION, ENVIRONMENT AND DEVELOPMENT  
RYE, NEW YORK                      FAIRFIELD, CONNECTICUT

**DAVID H. STOLMAN**  
AICP, PP  
PRESIDENT

**MICHAEL A. GALANTE**  
EXECUTIVE  
VICE PRESIDENT

350 THEO. FREMD AVE.  
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203 255-3100

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845 297-6056

LONG ISLAND  
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September 24, 2015

Rye City Council  
1051 Boston Post Road  
Rye, New York 10580

Subject:        **Analysis and Comparison of Potential Area Roadway  
Conditions – Proposed Senior Housing Development, 120  
Old Post Road, Rye, New York**

Dear Mayor Joseph Sack and Members of the Council:

As requested by the City Planner and Engineer at a recent meeting, we have conducted analyses of each of the existing traffic patterns surrounding the project site at 120 Old Post Road to provide the City with a comparison to identify potential benefits with and without off-site transportation improvements and, in one case, a modification to access to the subject property.

**Project Description**

The proposal is to demolish the existing, vacant office building located on the subject property and construct a senior housing development comprising approximately 135 units. Access will be maintained in proximity to the existing site driveway to Playland Access Drive.

We understand there is a concern over traffic congestion currently found on adjacent and nearby roadways in proximity to the subject property during peak hours between 8:00 to 9:00 A.M. and 5:00 to 6:00 P.M. It should be noted that in the pre- and post-build conditions of the proposed project the subject property has a minimal impact on the existing traffic patterns and that the conversion of the property to an age-restricted multi-family development will generate less traffic than a fully tenanted office building. Notwithstanding the foregoing, the City is interested in investigating possible mitigation to address current traffic congestion and has requested that as part of this review for the proposed residential development of the subject property, these options be investigated to determine potential benefits, if any, on each of these items.



## **FREDERICK P. CLARK ASSOCIATES, INC.**

PLANNING, TRANSPORTATION, ENVIRONMENT AND DEVELOPMENT  
RYE, NEW YORK FAIRFIELD, CONNECTICUT

Mayor Joseph Sack and  
Members of the Council

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September 24, 2015

### **Possible Transportation Improvements**

The following options were considered and included in this analysis:

1. Construct a right turn lane on the southern side of Playland Access Drive along the site frontage from the intersection with Old Post Road to the vicinity of the Medical Building Access Drive;
2. Convert the existing Emergency Access Drive to the site to a full-movement access drive – in addition to maintaining the existing site access drive to Playland Access Drive; and,
3. Modify the northbound Boston Post Road exit ramp to Playland Parkway to permit left turn movements on Playland Parkway to access Interstate 95.
4. Install a traffic signal at the Old Post Road/Playland Access Drive and/or install a second traffic signal at the Old Post Road/Thruway Access Drive.

### **Analysis and Comparison**

1. *Added Right Turn Lane* – Field observations and the results of analyses of the southbound approach of Playland Access Drive to Old Post Road indicate motorists experience traffic delays during peak hours. If a separate right turn lane was to be constructed on the southbound approach beginning at Old Post Road and terminating approximately 350 Feet to the north towards the medical building driveway, the results of the analysis indicate that during the weekday morning peak hour the Level of Service would improve from Level of Service “F” to “E,” with a reduction of delay of an average of 21.1 seconds per vehicle. During the afternoon peak hour this same movement would show an improvement in Level of Service from “D” to “C” and a reduction in average vehicle delay per vehicle of 5.4 seconds. The new right turn movement would operate at Level of Service “B” and “A” during the weekday morning and weekday afternoon peak hours, respectively.

**FREDERICK P. CLARK ASSOCIATES, INC.**

PLANNING, TRANSPORTATION, ENVIRONMENT AND DEVELOPMENT  
RYE, NEW YORK FAIRFIELD, CONNECTICUT

Mayor Joseph Sack and  
Members of the Council

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September 24, 2015

Table 1 provides a more detailed summary of the results of this analysis and the comparison noted above. The results of the analysis clearly indicate a benefit, with the construction of a separate right turn lane along the site's frontage to address current traffic congestion. Capacity analysis worksheets are included in the Appendix of this report.

2. *Open Emergency Access Drive* – This analysis assumes a conversion of the current emergency access only driveway from the subject property to Old Post Road to full-time use. To determine the appropriate shift of site traffic a new distribution pattern for site traffic was developed and graphically illustrated in Figure 1. Figures 2 and 3 show the redistribution of site traffic generation and assignment for the weekday morning and weekday afternoon peak hours, respectively. Figures 4 and 5 graphically illustrate the new combined traffic volumes for the weekday morning and weekday afternoon peak hours, respectively, with the new driveway.

The results of the analyses and comparison to a background condition indicate little or no benefit by permitting a second access drive to the site to Old Post Road. The nearby intersections would continue to operate at the same Levels of Service and essentially the same delay.

The development is expected to generate an insignificant level of additional traffic added to area roadways and; therefore, the results of the analysis, as presented in Table 2, indicates no measurable improvement. Capacity analysis worksheets for this condition are included in the Appendix of this report.

A second analysis was completed with the construction of the right turn lane noted above and with a provision to provide a second access drive to the subject property via the existing emergency access drive to Old Post Road. Results of the analysis at the Old Post Road/Playland Access Drive indicate any benefit is the result of the additional lane and not the second driveway. The approach would operate at a Level of Service "D," which represents an improvement from Level of Service "F" and a reduction in average vehicle delay of 22.0 seconds. During the afternoon peak hour the Level of Service would remain the same at "D" and with a minimal reduction of delay of 6.1 seconds.

Table 1  
2016 FUTURE CONDITIONS WITH SOUTHBOUND RIGHT TURN POCKET – MEASURE OF EFFECTIVENESS (MOE) AND IMPACT ASSESSMENT – PEAK HOURS  
Age-Restricted Residential Development  
120 Old Post Road  
Rye, New York

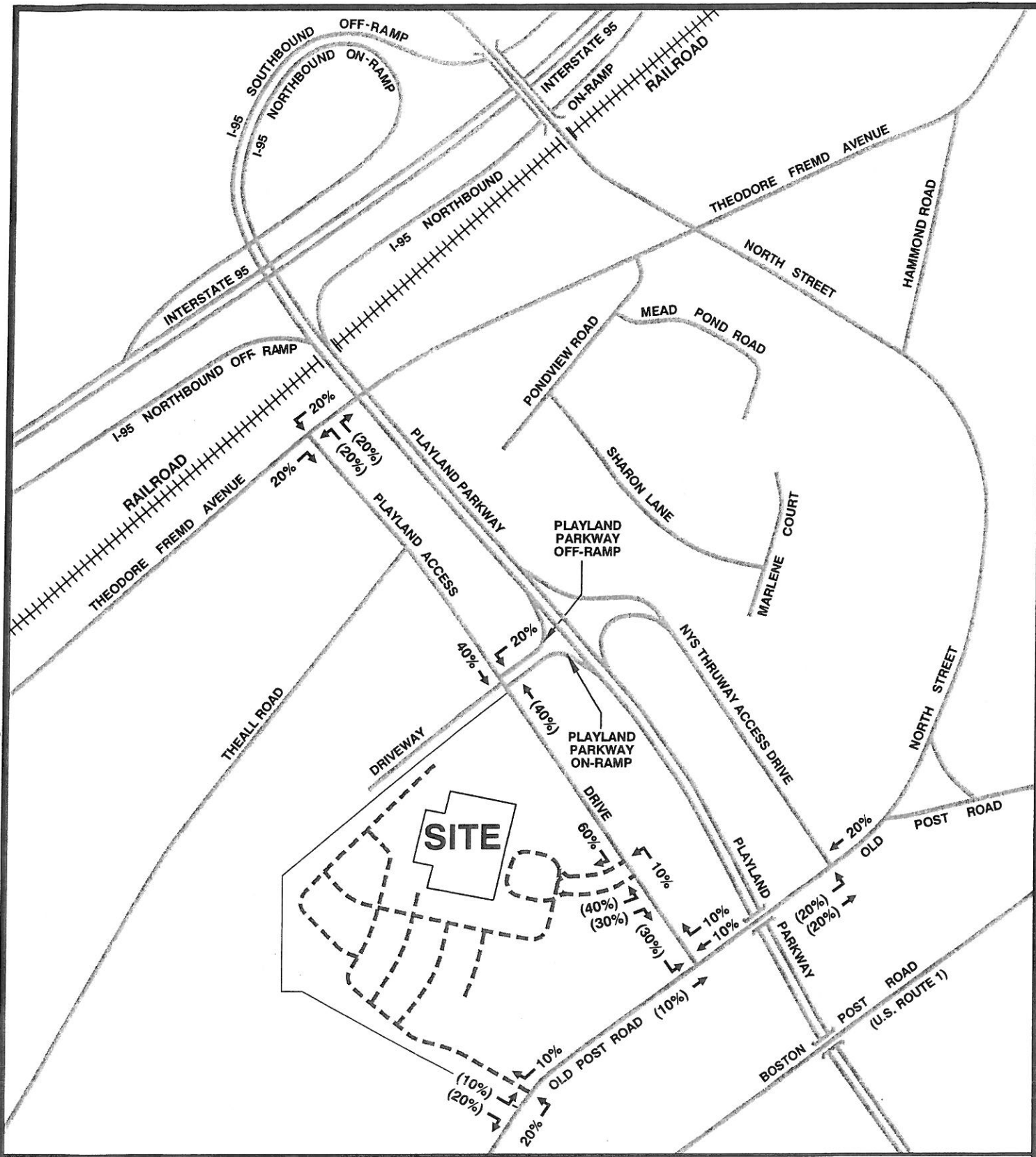
INTERSECTION	CONTROL TYPE	STORAGE/ LINK LENGTH	PHYSICAL UNITS	2016 BACKGROUND CONDITIONS						2016 COMBINED CONDITIONS WITH SOUTHBOUND RIGHT TURN POCKET						PROJECT IMPACTS			
				Weekday Morning			Weekday Afternoon			Weekday Morning			Weekday Afternoon			Weekday Morning		Weekday Afternoon	
				LOS/ Delay	V/C Ratio	Queue Length (Veh)	LOS/ Delay	V/C Ratio	Queue Length (Veh)	LOS/ Delay	V/C Ratio	Queue Length (Veh)	LOS/ Delay	V/C Ratio	Queue Length (Veh)	Change in LOS	Project Delay (Seconds)	Change in LOS	Project Delay (Seconds)
Playland Access Drive at Office Building Access Drive	TWSC		EB Ln NB Ln	B/12.4 A/8.3	0.00 0.00	0 0	B/11.4 A/8.3	0.01 0.00	0 0	B/11.2 A/8.3	0.03 0.01	0.1 0	B/11.0 A/8.3	0.03 0.01	0.1 0	No No	-1.2 0.0	No No	-0.4 0.0
Old Post Road at Playland Access Drive	TWSC	39 4.4 4.4	EB Ln SB Ln1 SB Ln2	A/8.0 F/56.6	0.02 0.95	0.1 11.9	A/7.7 D/28.5	0.01 0.79	0 7.6	A/8.0 B/11.0	0.02 0.22	0.1 0.8	A/7.7 C/23.1 A/9.9	0.01 0.67 0.15	0 5 0.5	No F – E --	0.0 -21.1 --	No D – C --	0.0 -5.4 --

Notes:

- Synchro 8.0/HCM 2010 results is used for unsignalized capacity analysis.
- Level of Service determining parameter is called the service measure.
- TWSC = Two-Way STOP Control.
- For TWSC Intersections: Level of Service/Average Control delay per vehicle (seconds/vehicle).
- V/C ratio indicates the amount of congestion for each Movement. Any V/C ratio greater than or equal to one indicates that the Movement is operating at above capacity.
- Synchro 8.0 Macroscopic model is used for storage/queue analysis.
- The Queue Length rows show the 95<sup>th</sup> percentile maximum queue length in vehicles.
- The Queue Length is for each lane. The total queue length is divided by the number of lanes and the lane utilization factor.
- The 95<sup>th</sup> percentile queue is the maximum back of the queue with the 95<sup>th</sup> percentile traffic volumes.
- **Bolded** 95<sup>th</sup> percentile queue exceeds the storage available.
- Physical Units consist of the following:
  1. Movement for TWSC Intersections.


NB = Northbound    EB = Eastbound    SB = Southbound    WB = Westbound  
L = Left Turn    T = Through    R = Right Turn

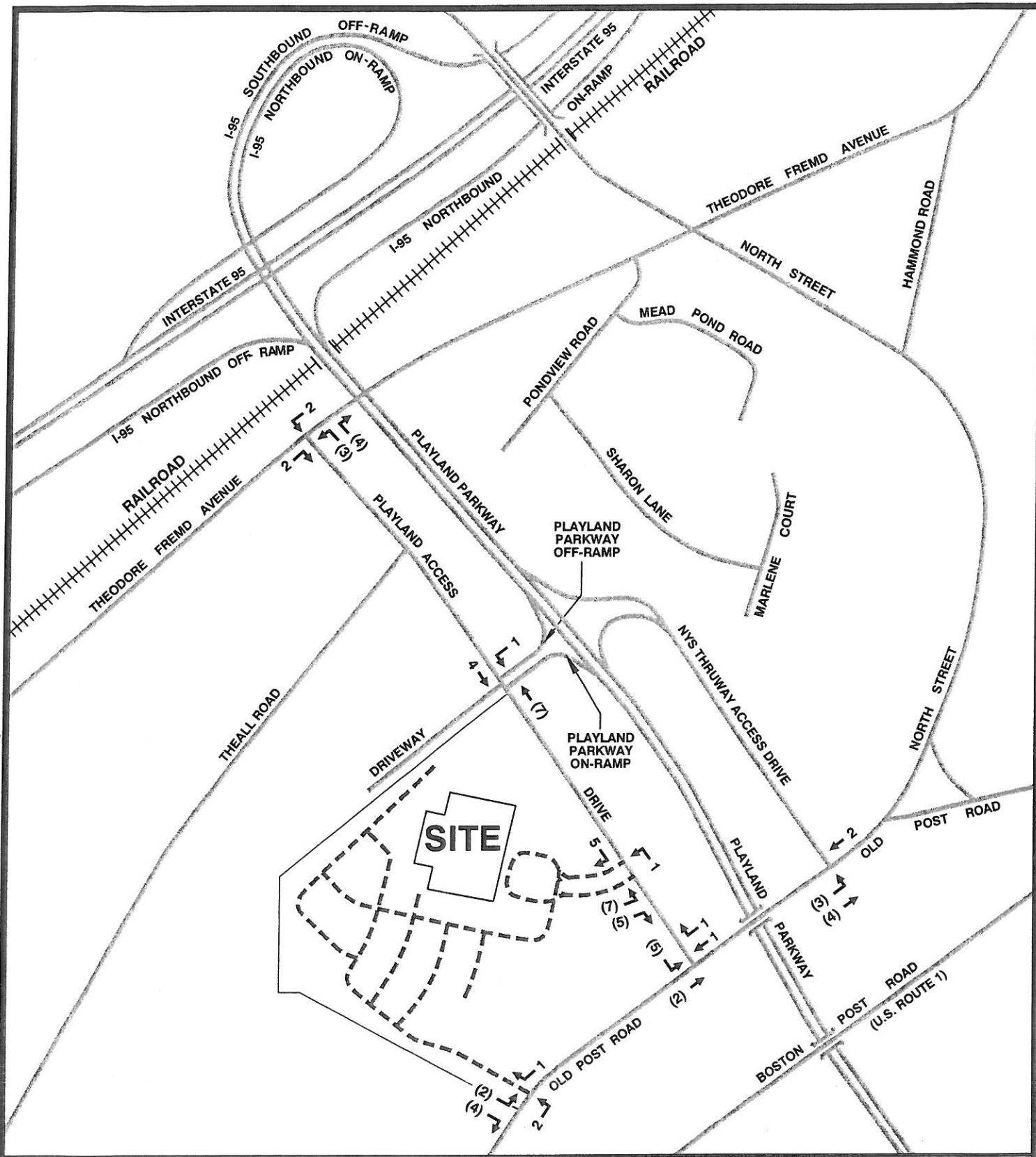




**SITE TRAFFIC**  
Enter 00%  
Exit 00%

**LEGEND**  
- - - - - SITE ACCESS DRIVE

SITE TRAFFIC DISTRIBUTION	
<b>AGE-RESTRICTED RESIDENTIAL DEVELOPMENT</b> 120 Old Post Road Rye, New York	
FREDERICK P. CLARK ASSOCIATES, INC. PLANNING, TRANSPORTATION, ENVIRONMENT AND DEVELOPMENT RYE, NEW YORK FAIRFIELD, CONNECTICUT	<b>1</b>
Not to Scale	Date: 8/25/15



**SITE TRAFFIC**  
Enter 9  
Exit (18)  
Total 27 Vehicle Trip Ends

**LEGEND**  
--- SITE ACCESS DRIVE

**SITE TRAFFIC GENERATION  
AND ASSIGNMENT  
WEEKDAY MORNING PEAK HOUR**

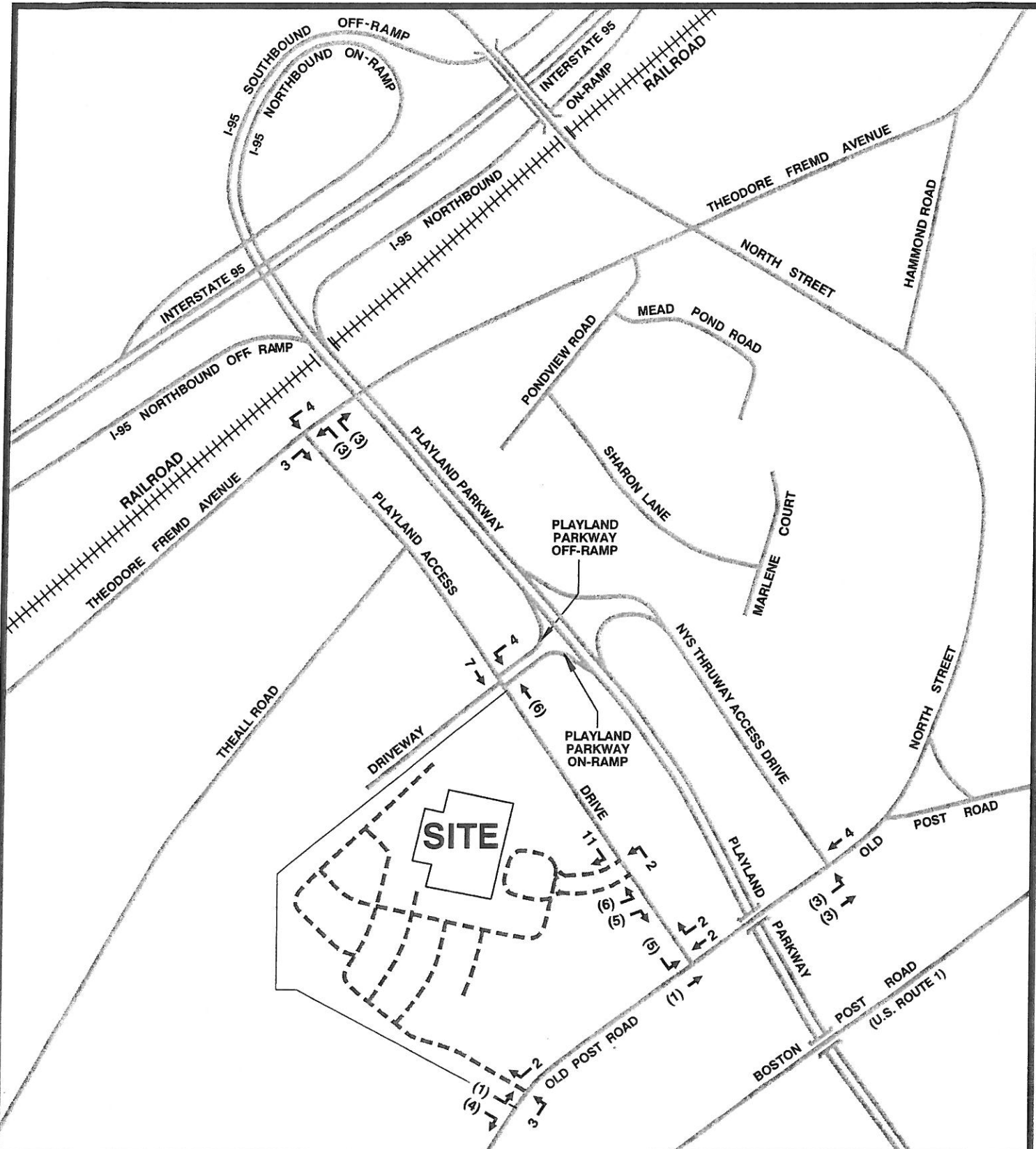
**AGE-RESTRICTED RESIDENTIAL  
DEVELOPMENT  
120 Old Post Road  
Rye, New York**



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**SITE TRAFFIC**  
Enter 18  
Exit (16)  
Total 34 Vehicle Trip Ends

**LEGEND**  
- - - - - SITE ACCESS DRIVE

**SITE TRAFFIC GENERATION  
AND ASSIGNMENT  
WEEKDAY AFTERNOON PEAK HOUR**

**AGE-RESTRICTED RESIDENTIAL  
DEVELOPMENT  
120 Old Post Road  
Rye, New York**

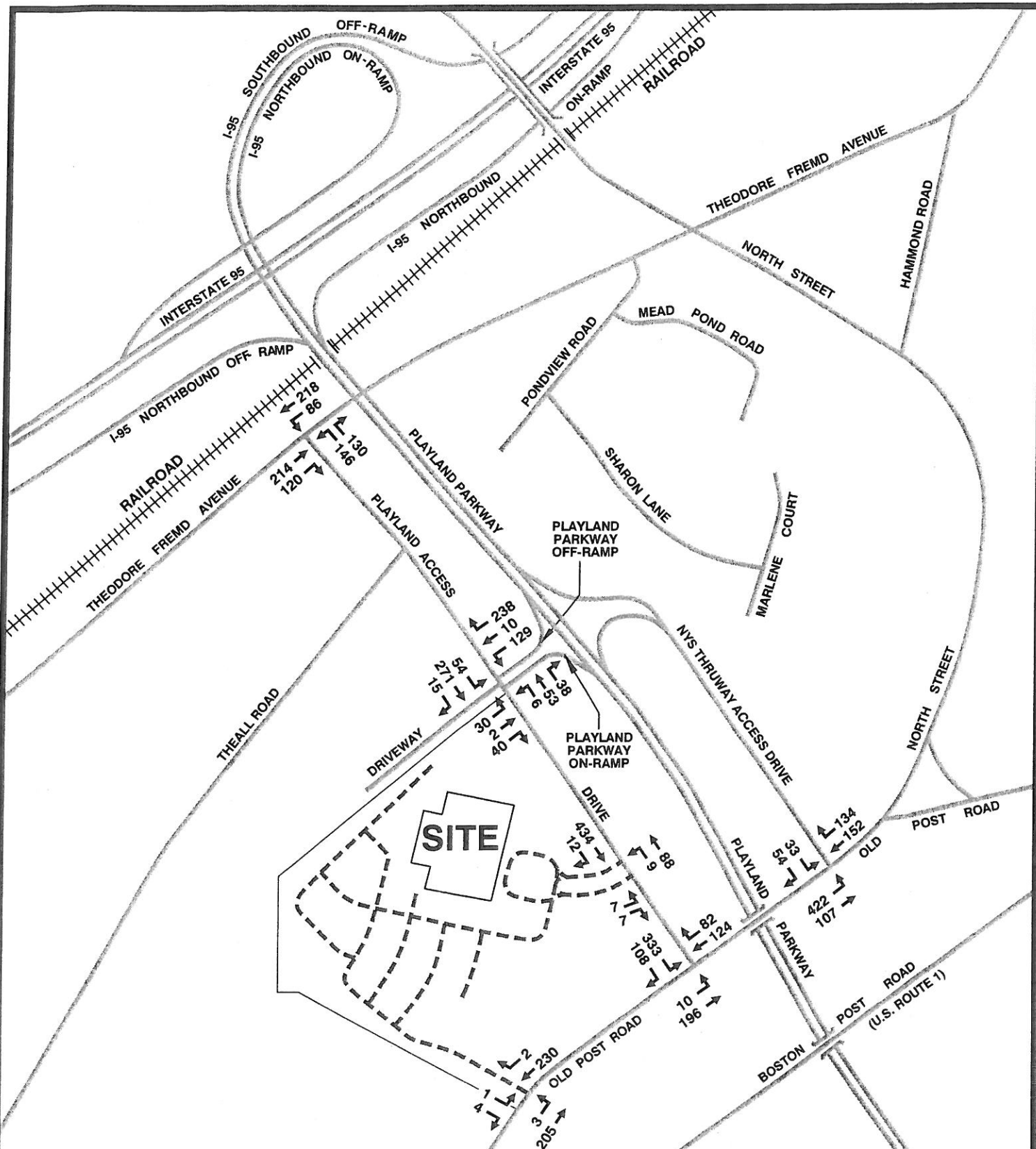


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Note: The 2016 Combined Traffic Volumes include the 2016 Background Traffic Volumes and the Site Traffic Generation.

**LEGEND**  
----- SITE ACCESS DRIVE

**2016 COMBINED TRAFFIC VOLUMES  
WEEKDAY AFTERNOON PEAK HOUR**

**AGE-RESTRICTED RESIDENTIAL  
DEVELOPMENT  
120 Old Post Road  
Rye, New York**



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Table 2  
2016 FUTURE CONDITIONS WITH SECOND SITE ACCESS DRIVE – MEASURE OF EFFECTIVENESS (MOE) AND IMPACT ASSESSMENT – PEAK HOURS  
Age-Restricted Residential Development  
120 Old Post Road  
Rye, New York

INTERSECTION	CONTROL TYPE	STORAGE/ LINK LENGTH	PHYSICAL UNITS	2016 BACKGROUND CONDITIONS						2016 COMBINED CONDITIONS WITH SECOND SITE ACCESS DRIVE						PROJECT IMPACTS		
				Weekday Morning			Weekday Afternoon			Weekday Morning			Weekday Afternoon			Weekday Morning		Project Delay (Seconds)
				LOS/ Delay	V/C Ratio	Queue Length (Feet)	LOS/ Delay	V/C Ratio	Queue Length (Feet)	LOS/ Delay	V/C Ratio	Queue Length (Feet)	LOS/ Delay	V/C Ratio	Queue Length (Feet)	Change in LOS	Project Delay (Seconds)	
Playland Access Drive at Office Building Access Drive	TWSC	5.2 4.4	EB Ln NB L	B/12.4 A/8.3	0.00 0.00	0 0	B/11.4 A/8.3	0.01 0.00	0 0	B/12.1 A/8.3	0.03 0.00	0.1 0	B/11.9 A/8.3	0.03 0.00	0.1 0	No No	-0.3 0.0	0.5 0.0
Old Post Road at Playland Access Drive	TWSC	39 4.4	EB L SB Ln1	A/8.0 F/56.6	0.02 0.95	0.1 11.9	A/7.7 D/28.5	0.01 0.79	0 7.6	A/8.0 F/60.8	0.02 0.97	0.1 12.5	A/7.7 D/29.9	0.01 0.80	0 8	No No	0.0 4.2	0.0 1.3
Old Post Road at Site Access Drive	TWSC	20.8 4	EB L SB Ln1	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	A/8.1 B/11.9	0.00 0.01	0 0	A/7.7 B/10.0	0.00 0.01	0 0	N/A N/A	N/A N/A	N/A

Notes:

- Synchro 8.0/HCM 2010 results is used for unsignalized capacity analysis.
- Level of Service determining parameter is called the service measure.
- TWSC = Two-Way STOP Control.
- For TWSC Intersections: Level of Service/Average Control delay per vehicle (seconds/vehicle).
- V/C ratio indicates the amount of congestion for each Movement. Any V/C ratio greater than or equal to one indicates that the Movement is operating at above capacity.
- Synchro 8.0 Macroscopic model is used for storage/queue analysis.
- The Queue Length rows show the 95<sup>th</sup> percentile maximum queue length in vehicles.
- The Queue Length is for each lane. The total queue length is divided by the number of lanes and the lane utilization factor.
- The 95<sup>th</sup> percentile queue is the maximum back of the queue with the 95<sup>th</sup> percentile traffic volumes.
- **Bolded** 95<sup>th</sup> percentile queue exceeds the storage available.
- Physical Units consist of the following:
  1. Movement for TWSC Intersections.

NB = Northbound      EB = Eastbound      SB = Southbound      WB = Westbound  
L = Left Turn      T = Through      R = Right Turn

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The right turn lane would operate at Level of Service "B" and "A" during the weekday morning and weekday afternoon peak hours, respectively. This would indicate a significant improvement, with the right turn lane constructed. Table 3 provides a more detailed summary of the results of the analysis. The capacity analysis worksheets are included in the Appendix of this report.

3. *Playland Parkway Ramp* – This analysis assumes additional signing is provided on northbound Boston Post Road, with the modification of the existing off ramp to Playland Parkway to access Playland to permit a left turn movement from this ramp to access Playland Parkway and Interstate 95. As part of this analysis the right turn lane addition along the site frontage along Playland Access Drive is included.

To develop an assumption of a diversion of current traffic volumes, which is unrelated to site traffic from Boston Post Road from the south, an evaluation of current traffic volumes on Old Post Road at the intersection with Playland Access Drive and the Thruway Access Drive intersections was completed for both peak hours. This option could shift 106 and 62 vehicle trips traveling northbound on Boston Post Road from using Old Post Road to access the New York State Thruway Access Drive to this existing ramp to Playland Parkway during the two peak hours. See Figures 6 and 7.

An analysis of providing a left turn movement from the off-ramp from Boston Post Road to Playland Parkway was completed to determine the potential impacts to Old Post Road intersections. The results of this analysis indicate that during the weekday morning peak hour the southbound left turn movement from Playland Access Drive would improve from Level of Service "F" to "C" and result in an reduction in delay of 32.0 seconds. During the afternoon peak hour the same approach lane there will be improvement from Level of Service "D" to "C" and a decrease in average vehicle delay of 9.2 seconds. The right turn lane would operate at Level of Service "B" and "A" during the weekday morning and afternoon peak hours, respectively.

At the Old Post Road/Thruway Access Drive the eastbound left turn movement from Old Post Road to the Thruway ramp would improve from Level of Service

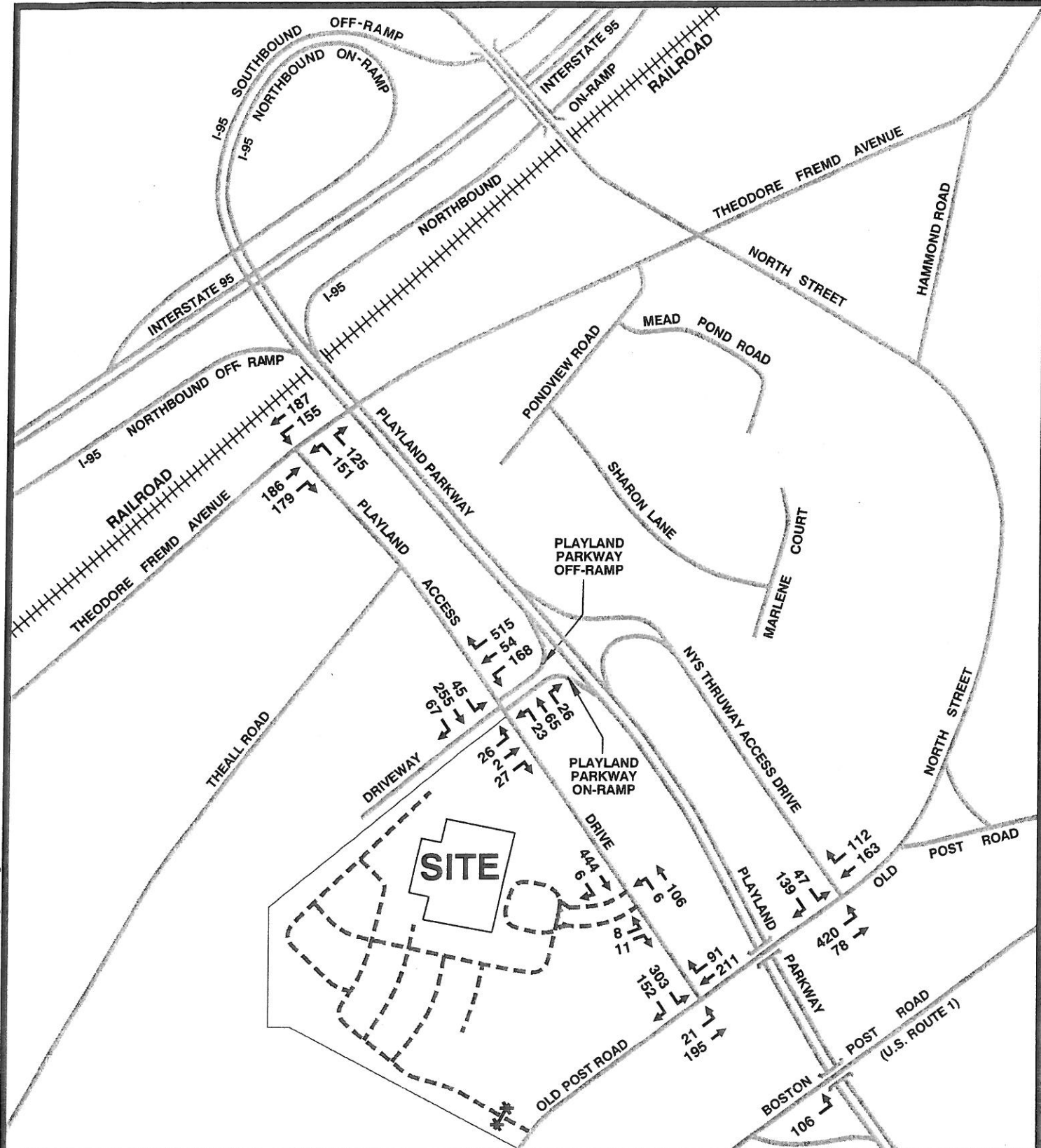
Table 3  
2016 FUTURE CONDITIONS WITH SECOND SITE ACCESS DRIVE AND SOUTHBOUND RIGHT TURN POCKET – MEASURE OF EFFECTIVENESS (MOE) AND IMPACT ASSESSMENT – PEAK HOURS  
Age-Restricted Residential Development  
120 Old Post Road  
Rye, New York

INTERSECTION	CONTROL TYPE	STORAGE/ LINK LENGTH	PHYSICAL UNITS	2016 BACKGROUND CONDITIONS						2016 COMBINED CONDITIONS WITH SECOND SITE ACCESS DRIVE AND SOUTHBOUND RIGHT TURN POCKET						PROJECT IMPACTS			
				Weekday Morning			Weekday Afternoon			Weekday Morning			Weekday Afternoon			Weekday Morning		Weekday Afternoon	
				LOS/ Delay	V/C Ratio	Queue Length (Feet)	LOS/ Delay	V/C Ratio	Queue Length (Feet)	LOS/ Delay	V/C Ratio	Queue Length (Feet)	LOS/ Delay	V/C Ratio	Queue Length (Feet)	Change in LOS	Project Delay (Seconds)	Change in LOS	Project Delay (Seconds)
Playland Access Drive at Office Building Access Drive	TWSC	5.2 4.4	EB Ln NB L	B/12.4 A/8.3	0.00 0.00	0 0	B/11.4 A/8.3	0.01 0.00	0 0	B/11.7 A/8.3	0.02 0.00	0.1 0	B/11.3 A/8.3	0.03 0.00	0.1 0	No No	-0.7 0.0	No No	-0.1 0.0
Old Post Road at Playland Access Drive	TWSC	39 4.4 4.4	EB L SB Ln1 SB Ln2	A/8.0 F/56.6 --	0.02 0.95 --	0.1 11.9 --	A/7.7 D/28.5 --	0.01 0.79 --	0 7.6 --	A/8.0 D/34.6 B/11.0	0.02 0.76 0.21	0.1 6.3 0.8	A/7.7 A/22.5 A/9.9	0.01 0.66 0.14	0 4.8 0.5	No F - D --	0.0 -22.0 --	No D - C --	0.0 -6.1 --
Old Post Road at Site Access Drive	TWSC	20.8 4	EB L SB Ln1	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	A/8.1 B/11.9	0.00 0.01	0 0	A/7.7 B/10.0	0.00 0.01	0 0	N/A N/A	N/A N/A	N/A N/A	N/A N/A

Notes:

- Synchro 8.0/HCM 2010 results is used for unsignalized capacity analysis.
- Level of Service determining parameter is called the service measure.
- TWSC = Two-Way STOP Control.
- For TWSC Intersections: Level of Service/Average Control delay per vehicle (seconds/vehicle).
- V/C ratio indicates the amount of congestion for each Movement. Any V/C ratio greater than or equal to one indicates that the Movement is operating at above capacity.
- Synchro 8.0 Macroscopic model is used for storage/queue analysis.
- The Queue Length rows show the 95<sup>th</sup> percentile maximum queue length in vehicles.
- The Queue Length is for each lane. The total queue length is divided by the number of lanes and the lane utilization factor.
- The 95<sup>th</sup> percentile queue is the maximum back of the queue with the 95<sup>th</sup> percentile traffic volumes.
- **Bolded** 95<sup>th</sup> percentile queue exceeds the storage available.
- Physical Units consist of the following:
  1. Movement for TWSC Intersections.

NB = Northbound      EB = Eastbound      SB = Southbound      WB = Westbound  
L = Left Turn      T = Through      R = Right Turn



Note: The 2016 Combined Traffic Volumes include the 2016 Background Traffic Volumes and the Site Traffic Generation.

**LEGEND**  
--- SITE ACCESS DRIVE  
---\*--- CLOSED SITE ACCESS DRIVE

**2016 COMBINED TRAFFIC VOLUMES  
WEEKDAY MORNING PEAK HOUR**

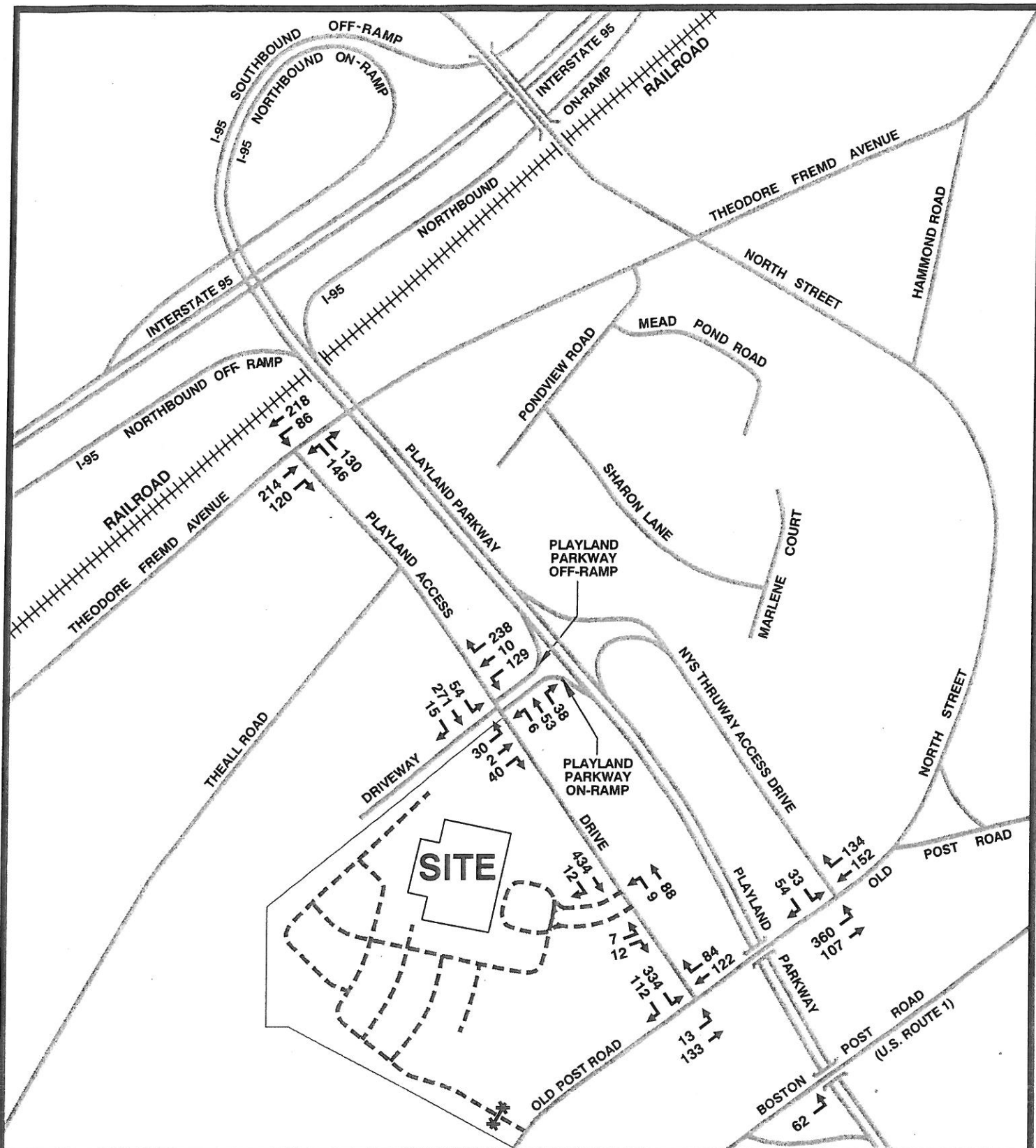
**AGE-RESTRICTED RESIDENTIAL  
DEVELOPMENT  
120 Old Post Road  
Rye, New York**



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Note: The 2016 Combined Traffic Volumes include the 2016 Background Traffic Volumes and the Site Traffic Generation.

**LEGEND**

- SITE ACCESS DRIVE
- CLOSED SITE ACCESS DRIVE

**2016 COMBINED TRAFFIC VOLUMES  
WEEKDAY AFTERNOON PEAK HOUR**

**AGE-RESTRICTED RESIDENTIAL  
DEVELOPMENT  
120 Old Post Road  
Rye, New York**



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“B” to “A” during the weekday morning peak hour and remain at Level of Service “A” during the weekday afternoon peak hour. The left turn movement from the off-ramp from Playland Parkway at this location would improve from Level of Service “F” to “E” and reduction in delay of 63.9 seconds during the weekday morning peak hour and remain the same Level of Service “D” during the afternoon peak hour, with reduction in delay of 8.8 seconds. The results of this analysis indicate the greatest improvement in traffic flow and reduction in delay would occur during the weekday morning peak hour at both STOP sign controlled intersections on Old Post Road. Table 4 provides a more detailed summary of the results of this analysis. The capacity analysis worksheets are included in the Appendix of this report. Photographs of the intersection are included in the Appendix of this report.

At the Old Post Road/Thruway Access Drive there would be an improvement in reduction in delay from the ramp to Old Post Road with an improvement in Level of Service from “F” to “D” and a reduction in delay of 22.2 seconds during the weekday morning peak hour. During the afternoon peak hour the left turn movement from Playland Access Drive would operate at Level of Service “C” with a reduction in delay of 6.1 seconds.

Based on a field investigation and evaluation of the possible conversion of the off-ramp from Boston Post Road northbound to Playland Parkway both eastbound and westbound, a Speed Study was conducted of motorists traveling on Playland Parkway to determine the average speed and 85<sup>th</sup> percentile speed of motorists traveling to determine if adequate intersection sight distance (ISD) is currently available at this location. It was determined that the average speed of motorists traveling both eastbound and westbound on Playland Parkway at the location of the ramp noted above was 38 miles per hour. The 85<sup>th</sup> percentile speed of motorists traveling on this same section of Playland Parkway and used to determine if adequate ISD is available was found to be 44 and 46 miles per hour for eastbound and westbound movements, respectively.

Based on criteria followed by the Westchester County Department of Public Works, for the identified 85<sup>th</sup> percentile speed of motorists traveling on this section of Playland Parkway the desirable distance needed for a left turn from the

Table 4  
2016 FUTURE CONDITIONS WITH U.S. ROUTE 1 ACCESS TO PLAYLAND PARKWAY WESTBOUND AND SOUTHBOUND RIGHT TURN POCKET – MEASURE OF EFFECTIVENESS (MOE) AND IMPACT  
ASSESSMENT – PEAK HOURS  
Age-Restricted Residential Development  
120 Old Post Road  
Rye, New York

INTERSECTION	CONTROL TYPE	STORAGE/ LINK LENGTH	PHYSICAL UNITS	2016 BACKGROUND CONDITIONS						2016 COMBINED CONDITIONS WITH U.S. ROUTE 1 ACCESS TO PLAYLAND PARKWAY AND SOUTHBOUND RIGHT TURN POCKET									
				Weekday Morning			Weekday Afternoon			Weekday Morning					Weekday Afternoon				
				LOS/ Delay	V/C Ratio	Queue Length (Feet)	LOS/ Delay	V/C Ratio	Queue Length (Feet)	LOS/ Delay	V/C Ratio	Queue Length (Feet)	LOS/ Delay	V/C Ratio	Queue Length (Feet)	Change in LOS	Project Delay (Seconds)	Change in LOS	Project Delay (Seconds)
Playland Access Drive at Office Building Access Drive	TWSC	5.2 4.4	EB Ln NB L	B/12.4 A/8.3	0.00 0.00	0 0	B/11.4 A/8.3	0.01 0.00	0 0	B/11.2 A/8.3	0.03 0.01	0.1 0	B/11.0 A/8.3	0.03 0.01	0.1 0	No No	1.2 0.0	No No	-0.4 0.1
Old Post Road at Playland Access Drive	TWSC	39 4.4 4.4	EB L SB Ln1 SB Ln2	A/8.0 F/56.6 --	0.02 0.95 --	0.1 11.9 --	A/7.7 D/28.5 --	0.01 0.79 --	0 7.6 --	A/8.0 C/24.6 B/11.0	0.02 0.65 0.22	0.1 4.7 0.8	A/7.7 C/19.3 A/9.9	0.01 0.61 0.15	0 4.1 0.5	No F - C --	0.0 -32.0 --	No D - C --	0.0 -9.2 --
Old Post Road at Thruway Access Drive	TWSC	9.6 37	EB L SB Ln	B/10.4 F/101.3	0.47 0.97	2.6 8.5	A/9.8 D/34.8	0.39 0.46	1.9 2.2	A/9.6 E/37.4	0.38 0.67	1.8 4.5	A/9.4 D/26.0	0.34 0.37	1.5 1.6	B - A F - E	-0.8 -63.9	No No	-0.4 -8.8

Notes:

- Synchro 8.0/HCM 2010 results is used for unsignalized capacity analysis.
- Level of Service determining parameter is called the service measure.
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- For TWSC Intersections: Level of Service/Average Control delay per vehicle (seconds/vehicle).
- V/C ratio indicates the amount of congestion for each Movement. Any V/C ratio greater than or equal to one indicates that the Movement is operating at above capacity.
- Synchro 8.0 Macroscopic model is used for storage/queue analysis.
- The Queue Length rows show the 95<sup>th</sup> percentile maximum queue length in vehicles.
- The Queue Length is for each lane. The total queue length is divided by the number of lanes and the lane utilization factor.
- The 95<sup>th</sup> percentile queue is the maximum back of the queue with the 95<sup>th</sup> percentile traffic volumes.
- **Bolded** 95<sup>th</sup> percentile queue exceeds the storage available.
- Physical Units consist of the following:

1. Movement for TWSC Intersections.

NB = Northbound    EB = Eastbound    SB = Southbound    WB = Westbound  
L = Left Turn    T = Through    R = Right Turn

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8/19/15



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ramp was found to be 512 feet and for a right turn movement the desirable ISD was determined to be 421 feet. Based on field observations the available ISD is well above the needed distance, with several hundred feet provided in both directions.

A further evaluation of the ramp layout and pavement width is needed to finalize lane arrangement. The ramp should be controlled with a STOP sign and lane description (right and left turns) and appropriate INTERSECTION WARNING signs should be installed on Playland Parkway.

The shifting of traffic in general from Old Post Road traveling to the Interstate 95 ramps via the Playland Parkway and shifted to Boston Post Road and directly to Playland Parkway would decrease traffic volumes on Old Post Road and improve overall operation with the intersections along Old Post Road. Results of the analysis show a benefit of providing this new connection to by-pass using Old Post Road. Table A-1 shows the results of the Speed Study on Playland Parkway. Table A-2 provides a summary of the ISD analysis, for reference purposes. Both tables are included in the Appendix of this report.

4. *Installation of Traffic Signals on Old Post Road* – This analysis was completed to determine the benefit of the installation of traffic signals at Old Post Road/Playland Access Drive intersection and a further benefit, if any, with the installation of a traffic signal at the Old Post Road Thruway Access Drive. Note that previous Studies indicated that these intersections did not meet traffic signal warrants.

Previous traffic signal warrant analyses conducted by our office for the previous proposal for a Hotel on the subject property indicated that warrants were not met for the unsignalized intersection of Old Post Road at Playland Access Drive. These analyses were conducted based on traffic volumes obtained in May 2012 for existing conditions and for a future condition, with the Hotel. In both cases the traffic signal warrants, which are required for an 8-hour period, were not met based on the Minimum Traffic Volumes (Warrant #1, Condition A) necessary or Interruption of Continuous Traffic (Warrant #1, Condition B) based on the minimum criteria for volumes at this intersection.



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It was found that for Warrant #1, Condition A, which is Minimum Traffic Volumes, Warrants were not met for any of the 8-hours since the hourly volumes on Old Post Road were too low for each of the 8-hours. For Warrant #1, Condition B, which is the Interruption of Traffic warrant, again the analysis results indicate that none of the 8-hours met the warrants. The two-way volume on Old Post Road is significantly below the minimum standard to consider a traffic signal control.

The analysis indicated that hourly traffic volumes were too low on Old Post Road and did not meet the minimum requirements for consideration.

Since the results of the warrant analyses indicate that not only the warrants are not met, but the warrants are not close to meeting the minimum criteria and ..it is very unlikely with any scenario for land use of the subject property, including the proposal for Senior Housing, or re-occupancy as an office building would indicate that volumes would increase to meet the criteria to install a traffic signal. See attached Tables 7 and 8 from the other report.

The criteria set forth in the Manual of Uniform Traffic Control Devices (MUTCD) 2009 is followed by the New York State Department of Transportation (NYSDOT), Westchester County Department of Public Works (WCDPW) and the City of Rye.

The previous warrants completed and referenced above and submitted to the City as part of the Traffic Study completed for the Hotel in 2012 are attached for reference purposes. Although a traffic signal warrant analysis was not completed for the Old Post Road/New York State Thruway Access Drive intersection it is likely the results would be very similar.

Notwithstanding the foregoing, the results of analysis further indicate that with traffic signals installed at both intersections noted above, both intersections would operate at Level of Service "C" or better during both the weekday morning and weekday afternoon peak hours and eliminate the current delays found on the Playland Access Drive southbound approach during the weekday afternoon peak hour. Installation of a traffic signal at the Old Post Road/Thruway Access Drive

Table 7

TRAFFIC SIGNAL WARRANT ANALYSIS – OLD POST ROAD AT PLAYLAND ACCESS DRIVE –  
 2012 EXISTING CONDITIONS  
 Office to Hotel Building Conversion  
 120 Old Post Road  
 Rye, New York

HOUR	MAJOR STREET TWO -WAY APPROACHES VOLUMES – OLD POST ROAD	MINOR STREET ONE-WAY VOLUMES (PLAYLAND ACCESS DRIVE)	SIGNAL WARRANT		
			Warrant #1 Condition A	Warrant #1 Condition B	Warrant #2 Warrant #3
7 – 8 A.M.	369	354	No	No	No
8 – 9 A.M.	495	401	No	No	No
9 – 10 A.M.	324	319	No	No	No
10 – 11 A.M.	243	268	No	No	No
11 A.M. – 12 Noon	253	255	No	No	No
12 Noon – 1 P.M.	325	306	No	No	No
1 – 2 P.M.	315	339	No	No	No
2 – 3 P.M.	336	354	No	No	No
3 – 4 P.M.	436	458	No	No	No
4 – 5 P.M.	389	485	No	No	No
5 – 6 P.M.	309	506	No	No	No
6 – 7 P.M.	282	437	No	No	No
Hours Met	--	--	0	0	0
Hours Needed	--	--	8	8	1
Warrant Met	--	--	No	No	No

Notes:

- Major Street: Number of lanes moving traffic on each approach is one.
- Minor Street: Number of lanes moving traffic is one.
- Warrant #1, Condition A: Minimum Vehicle Volume – 500 vehicles (two-way) on Old Post Road and 150 vehicles (one-way) on Playland Access Drive – Major and Minor road volumes are for the same eight consecutive hours.
- Warrant #1, Condition B: Interruption of Continuous Traffic – 750 vehicles (two-way) on Old Post Road and 75 vehicles (one-way) on Playland Access Drive. Major and Minor Road volumes are for the same eight consecutive hours.
- Warrant #2: Four-Hour Vehicular Volume – Refer to Figure 4C-1, Warrant 2, Four-Hour Vehicular Volume, MUTCD page 440.
- Warrant #3: Peak Hour – Refer to Figure 4C-3, Warrant 3, Peak Hour, MUTCD page 441.

Source:

- Manual on Uniform Traffic Control Devices for Streets and Highways, published by the Federal Highway Administration in 2009.

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Table 8

TRAFFIC SIGNAL WARRANT ANALYSIS – OLD POST ROAD AT PLAYLAND ACCESS DRIVE –  
 2013 FUTURE CONDITIONS  
 Office to Hotel Building Conversion  
 120 Old Post Road  
 Rye, New York

HOUR	MAJOR STREET TWO -WAY APPROACHES VOLUMES – OLD POST ROAD	MINOR STREET ONE-WAY VOLUMES (PLAYLAND ACCESS DRIVE)	SIGNAL WARRANT		
			Warrant #1 Condition A	Warrant #1 Condition B	Warrant #2 Warrant #3
7 – 8 A.M.	382	388	No	No	No
8 – 9 A.M.	513	440	Yes	No	Yes
9 – 10 A.M.	336	350	No	No	No
10 – 11 A.M.	252	294	No	No	No
11 A.M. – 12 Noon	262	280	No	No	No
12 Noon – 1 P.M.	337	336	No	No	No
1 – 2 P.M.	327	389	No	No	No
2 – 3 P.M.	349	406	No	No	No
3 – 4 P.M.	453	526	No	No	Yes
4 – 5 P.M.	404	557	No	No	No
5 – 6 P.M.	321	581	No	No	No
6 – 7 P.M.	293	502	No	No	No
Hours Met	--	--	1	0	2
Hours Needed	--	--	8	8	1
Warrant Met	--	--	No	No	Yes

Notes:

- Major Street: Number of lanes moving traffic on each approach is one.
- Minor Street: Number of lanes moving traffic is one.
- Warrant #1, Condition A: Minimum Vehicle Volume – 500 vehicles (two-way) on Old Post Road and 150 vehicles (one-way) on Playland Access Drive – Major and Minor road volumes are for the same eight consecutive hours.
- Warrant #1, Condition B: Interruption of Continuous Traffic – 750 vehicles (two-way) on Old Post Road and 75 vehicles (one-way) on Playland Access Drive. Major and Minor Road volumes are for the same eight consecutive hours.
- Warrant #2: Four-Hour Vehicular Volume – Refer to Figure 4C-1, Warrant 2, Four-Hour Vehicular Volume, MUTCD page 440.
- Warrant #3: Peak Hour – Refer to Figure 4C-3, Warrant 3, Peak Hour, MUTCD page 441.

Source:

- Manual on Uniform Traffic Control Devices for Streets and Highways, published by the Federal Highway Administration in 2009.

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indicates a similar benefit of eliminating the Level of Service "F" on the off-ramp approach to the intersection and reducing delays significantly during the weekday morning peak hour. Table 5 provides the results. Worksheets are included.

Table 6 provides an analysis if a traffic signal was installed only at the Old Post Road/Playland Access Drive. Results of this analysis indicate it would operate at an overall Level of Service "B" during both peak hours and result in a similar benefit during the weekday morning peak hour.

The overall results of the analysis indicate that it would likely be beneficial to install both traffic signals so that they operate in a coordinated fashion and minimize delays on both side street approaches. Installation of traffic signals at both locations would also result in a benefit due to the limited sight distance when exiting the Thruway ramp and also minimizing the limited sight distance exiting Playland Access Drive at Old Post Road. Capacity analysis worksheets for each of these analyses are included in the Appendix of this report.

## **Findings**

Although the existing condition of the property as a largely vacant office building is not contributing to the existing traffic patterns and the post-build condition would be an improvement over a fully tenanted office building, the results of these analyses, as described above, indicate the greatest benefit would be to provide the right turn lane along the site's frontage on Playland Access Drive. It results in an improvement in Levels of Service and reduction in delay during both the weekday morning and weekday afternoon peak hours.

The provision of providing a second driveway to the site directly to Old Post Road does not necessarily indicate a significant benefit and reduction in delay on area roads. This is due to the low site traffic generation as part of the redevelopment of the subject property.

Providing an alternative to motorists traveling northbound on Boston Post Road to access Playland Parkway, it would remove traffic from Old Post Road, with an improvement in Levels of Service and a reduction in delay at the STOP sign approach of Playland Access Drive to Old Post Road and the same at the Thruway Access Drive southbound approach

Table 5  
2016 FUTURE CONDITIONS WITH TRAFFIC SIGNALS AND RIGHT TURN POCKET – MEASURE OF EFFECTIVENESS (MOE) AND IMPACT ASSESSMENT – PEAK HOURS  
Age-Restricted Residential Development  
120 Old Post Road  
Rye, New York

[illegible]

**Notes:**

- Synchro 8.0 is used for traffic signal capacity analysis.
- Synchro 8.0/HCM 2010 results is used for unsignalized capacity analysis.
- Level of Service determining parameter is called the service measure.
- TWSC = Two-Way STOP Control.
- For TWSC Intersections: Level of Service/Average Control delay per vehicle (seconds/vehicle).
- V/C ratio indicates the amount of congestion for each Movement. Any V/C ratio greater than or equal to one indicates that the Movement is operating at above capacity.
- Synchro 8.0 Macroscopic model is used for storage/queue analysis.
- The Queue Length rows show the 95<sup>th</sup> percentile maximum queue length in feet.
- The Queue Length is for each lane. The total queue length is divided by the number of lanes and the lane utilization factor.
- The 95<sup>th</sup> percentile queue is the maximum back of the queue with the 95<sup>th</sup> percentile traffic volumes.
- **Bolded** 95<sup>th</sup> percentile queue exceeds the storage available.
- Physical Units consist of the following:
  1. Lane Group and Intersection Overall for Traffic Signal Controlled Intersections.
  2. Movement for TWSC Intersections.

NB = Northbound  
L = Left Turn  
EB = Eastbound  
T = Through  
SB = Southbound  
R = Right Turn  
WB = Westbound  
APP = Approach

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Table 6  
2016 FUTURE CONDITIONS WITH TRAFFIC SIGNAL AND RIGHT TURN POCKET – MEASURE OF EFFECTIVENESS (MOE) AND IMPACT ASSESSMENT – PEAK HOURS  
Age-Restricted Residential Development  
120 Old Post Road  
Rye, New York

INTERSECTION	CONTROL TYPE	STORAGE/ LINK LENGTH	PHYSICAL UNITS	2016 BACKGROUND CONDITIONS						2016 COMBINED CONDITIONS WITH TRAFFIC SIGNAL AND RIGHT TURN POCKET						PROJECT IMPACTS			
				Weekday Morning			Weekday Afternoon			PHYSICAL UNITS	Weekday Morning			Weekday Afternoon			Weekday Morning	Weekday Afternoon	Project Delay (Seconds)
				LOS/ Delay	V/C Ratio	Queue Length (Veh)	LOS/ Delay	V/C Ratio	Queue Length (Veh)		LOS/ Delay	V/C Ratio	Queue Length (Feet)	LOS/ Delay	V/C Ratio	Queue Length (Feet)	Change in LOS	Change in LOS	
Playland Access Drive at Office Building Access Drive	TWSC	5.2 4.4	EB Ln NB Ln	B/12.4 A/8.3	0.00 0.00	0 0	B/11.4 A/8.3	0.01 0.00	0 0	EB Ln NB Ln	B/11.2 A/8.3	0.03 0.01	0.1 0	B/11.0 A/8.3	0.03 0.01	0.1 0	No No	No No	-0.4 0.0
Old Post Road at Playland Access Drive	TWSC	39 -- -- -- 4.4 -- --	EB Ln -- -- -- SB Ln -- --	A/8.0 -- -- F/56.6 -- --	0.02 -- -- 0.95 -- --	0.1 -- -- 11.9 -- --	A/7.7 -- -- D/28.5 -- --	0.01 -- -- 0.79 -- --	0 -- -- 7.6 -- --	EB Ln -- -- -- R APP. Overall	A/9.6 A/9.6 B/19.4 B/19.4 C/28.4 A/2.0 B/19.6 B/16.5	0.41 -- 0.56 -- 0.73 0.19 -- --	117 -- 158 -- 171 21 -- --	A/9.5 A/9.5 B/14.5 B/14.5 B/15.9 A/1.7 B/12.3 B/12.4	0.26 -- 0.47 -- -- 0.13 -- --	61 -- 94 -- 157 16 -- --	No -- -- -- F - C -- -- --	No -- -- -- D - B -- -- --	1.8 -- -- -- -12.6 -- -- --

Notes:

- Synchro 8.0 is used for traffic signal capacity analysis.
- Synchro 8.0/HCM 2010 results is used for unsignalized capacity analysis.
- Level of Service determining parameter is called the service measure.
- TWSC = Two-Way STOP Control.
- For TWSC Intersections: Level of Service/Average Control delay per vehicle (seconds/vehicle).
- V/C ratio indicates the amount of congestion for each Movement. Any V/C ratio greater than or equal to one indicates that the Movement is operating at above capacity.
- Synchro 8.0 Macroscopic model is used for storage/queue analysis.
- The Queue Length rows show the 95<sup>th</sup> percentile maximum queue length in feet.
- The Queue Length is for each lane. The total queue length is divided by the number of lanes and the lane utilization factor.
- The 95<sup>th</sup> percentile queue is the maximum back of the queue with the 95<sup>th</sup> percentile traffic volumes.
- Physical Units consist of the following:
  - Lane Group and Intersection Overall for Traffic Signal Controlled Intersections.
  - Movement for TWSC Intersections.

NB = Northbound EB = Eastbound SB = Southbound WB = Westbound  
L = Left Turn T = Through R = Right Turn APP = Approach



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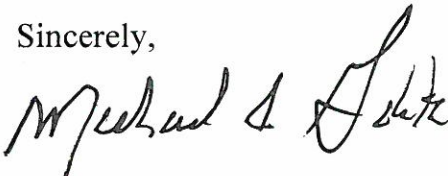
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to Old Post Road. Therefore, the provision of providing an alternative for commuters to access Playland Parkway and travel to the New York State Thruway would result in a benefit to overall traffic conditions along Old Post Road.

The analysis with traffic signal control indicate significant benefits and a reduction in delay at the STOP sign approaches.

Sincerely,

A handwritten signature in black ink, appearing to read "Michael A. Galante". The signature is fluid and cursive, with the first name "Michael" being the most prominent part.

Michael A. Galante  
Executive Vice President

Enclosure

cc: Alan Weisman  
Jonathan Kraut, Esq.

## TABLES

Table A-1  
**SPEED STUDY – OFF-PEAK HOURS**  
**Age-Restricted Residential Development**  
**120 Old Post Road**  
**Rye, New York**

<b>SPEED STUDY RESULTS – PLAYLAND PARKWAY AT RAMP FROM U.S. ROUTE 1</b>		
	<b>Eastbound</b>	<b>Westbound</b>
	44	32
	34	47
	40	40
	39	26
	37	34
	30	31
	45	34
	31	38
	24	51
	32	34
	40	40
	33	41
	46	30
	37	33
	31	48
	38	41
	33	41
	40	28
	48	29
	37	39
	43	38
	44	45
	38	34
	35	34
	40	41
	33	38
	36	44
	41	47
	31	37
	43	46
<b>Average Speed</b>	38	38
<b>85<sup>TH</sup> Percentile Speed</b>	44	46

Source: Speed Study conducted by portable radar speed gun by Frederick P. Clark Associates, Inc., on Friday, August 07, 2015 between 12:30 and 1:15 P.M.

Table A-2  
INTERSECTION SIGHT DISTANCE ANALYSIS  
Age-Restricted Residential Development  
120 Old Post Road  
Rye, New York

INTERSECTION SIGHT DISTANCE (ISD) ANALYSIS						
INTERSECTION Playland Parkway at Ramp from U.S. Route 1	Left Turn From Stop			Right Turn From Stop		
	Distance Available (Feet)		Distance Desirable (Feet)		Distance Desirable (Feet)	
			Posted Speed	Measured Speed	Posted Speed	Measured Speed
	Left	Right	30 MPH	46 MPH	30 MPH	44 MPH
	Adequate ISD Available		335	512	Adequate ISD Available	290
						421

Notes:

- Intersection Sight Distance (ISD) desirable are from the Minimum Acceptable Sight Distances Table provided on the Intersection Sight Distance Requirement Form prepared by Westchester County Department of Public Works (WCDPW).
- The posted speed limit is 30 miles per hour on Playland Parkway.
- The operational speed (85<sup>th</sup> percentile speed) was measured to be 44 miles per hour in the eastbound direction and 46 miles per hour in the westbound direction from Speed Study conducted by portable radar speed gun by Frederick P. Clark Associates, Inc., on Friday, August 07, 2015 between 12:30 and 1:15 P.M.

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PHOTOGRAPHS



**Playland Parkway at Ramp from U.S. Route 1 Looking West**



**Playland Parkway at Ramp from U.S. Route 1 Looking East**



**Playland Parkway at Ramp from U.S. Route 1 Looking West at 15 Feet from Edge of Pavement**



**Playland Parkway at Ramp from U.S. Route 1 Looking East at 15 Feet from Edge of Pavement**

BACKGROUND



Intersection

Int Delay, s/veh 0.1

Movement	SET	SER	NWL	NWT	NEL	NER
Vol, veh/h	444	1	2	106	1	0
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Free	Free	Free	Free	Stop	Stop
RT Channelized	-	None	-	None	-	None
Storage Length	-	-	-	-	0	-
Veh in Median Storage, #	0	-	-	0	0	-
Grade, %	0	-	-	0	0	-
Peak Hour Factor	98	98	98	98	98	98
Heavy Vehicles, %	2	2	2	2	2	2
Mvmt Flow	453	1	2	108	1	0

Major/Minor	Major1		Major2		Minor1	
Conflicting Flow All	0	0	454	0	566	454
Stage 1	-	-	-	-	454	-
Stage 2	-	-	-	-	112	-
Critical Hdwy	-	-	4.12	-	6.42	6.22
Critical Hdwy Stg 1	-	-	-	-	5.42	-
Critical Hdwy Stg 2	-	-	-	-	5.42	-
Follow-up Hdwy	-	-	2.218	-	3.518	3.318
Pot Cap-1 Maneuver	-	-	1107	-	486	606
Stage 1	-	-	-	-	640	-
Stage 2	-	-	-	-	913	-
Platoon blocked, %	-	-	-	-	-	-
Mov Cap-1 Maneuver	-	-	1107	-	485	606
Mov Cap-2 Maneuver	-	-	-	-	485	-
Stage 1	-	-	-	-	640	-
Stage 2	-	-	-	-	911	-

Approach	SE	NW	NE
HCM Control Delay, s	0	0.2	12.4
HCM LOS			B

Minor Lane/Major Mvmt	NELn1	NWL	NWT	SET	SER
Capacity (veh/h)	485	1107	-	-	-
HCM Lane V/C Ratio	0.002	0.002	-	-	-
HCM Control Delay (s)	12.4	8.3	0	-	-
HCM Lane LOS	B	A	A	-	-
HCM 95th %tile Q(veh)	0	0	-	-	-

Intersection

Int Delay, s/veh 24.1

Movement	SEL	SER	NEL	NET	SWT	SWR
Vol, veh/h	296	148	19	301	211	89
Conflicting Peds, #/hr	0	0	7	0	0	7
Sign Control	Stop	Stop	Free	Free	Free	Free
RT Channelized	-	None	-	None	-	None
Storage Length	0	-	-	-	-	-
Veh in Median Storage, #	0	-	-	0	0	-
Grade, %	0	-	-	0	0	-
Peak Hour Factor	92	92	93	93	96	96
Heavy Vehicles, %	2	2	2	2	2	2
Mvmt Flow	322	161	20	324	220	93

Major/Minor	Minor2		Major1		Major2	
Conflicting Flow All	631	273	313	0	-	0
Stage 1	266	-	-	-	-	-
Stage 2	365	-	-	-	-	-
Critical Hdwy	6.42	6.22	4.12	-	-	-
Critical Hdwy Stg 1	5.42	-	-	-	-	-
Critical Hdwy Stg 2	5.42	-	-	-	-	-
Follow-up Hdwy	3.518	3.318	2.218	-	-	-
Pot Cap-1 Maneuver	445	766	1247	-	-	-
Stage 1	779	-	-	-	-	-
Stage 2	702	-	-	-	-	-
Platoon blocked, %				-	-	-
Mov Cap-1 Maneuver	436	762	1240	-	-	-
Mov Cap-2 Maneuver	436	-	-	-	-	-
Stage 1	779	-	-	-	-	-
Stage 2	688	-	-	-	-	-

Approach	SE	NE	SW
HCM Control Delay, s	56.6	0.5	0
HCM LOS	F		

Minor Lane/Major Mvmt	NEL	NET SELn1	SWT	SWR
Capacity (veh/h)	1240	- 509	-	-
HCM Lane V/C Ratio	0.016	- 0.948	-	-
HCM Control Delay (s)	8	0 56.6	-	-
HCM Lane LOS	A	A F	-	-
HCM 95th %tile Q(veh)	0.1	- 11.9	-	-

Intersection

Int Delay, s/veh 23

Movement	SEL	SER	NEL	NET	SWT	SWR
Vol, veh/h	47	139	523	74	161	112
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Stop	Stop	Free	Free	Free	Free
RT Channelized	-	None	-	None	-	None
Storage Length	0	-	-	-	-	-
Veh in Median Storage, #	0	-	-	0	0	-
Grade, %	0	-	-	0	0	-
Peak Hour Factor	89	89	89	89	89	89
Heavy Vehicles, %	2	2	2	2	2	2
Mvmt Flow	53	156	588	83	181	126

Major/Minor	Minor2	Major1	Major2
Conflicting Flow All	1502	244	307
Stage 1	244	-	-
Stage 2	1258	-	-
Critical Hdwy	6.42	6.22	4.12
Critical Hdwy Stg 1	5.42	-	-
Critical Hdwy Stg 2	5.42	-	-
Follow-up Hdwy	3.518	3.318	2.218
Pot Cap-1 Maneuver	134	795	1254
Stage 1	797	-	-
Stage 2	268	-	-
Platoon blocked, %	-	-	-
Mov Cap-1 Maneuver	68	795	1254
Mov Cap-2 Maneuver	68	-	-
Stage 1	797	-	-
Stage 2	136	-	-

Approach	SE	NE	SW
HCM Control Delay, s	101.3	9.1	0
HCM LOS	F		

Minor Lane/Major Mvmt	NEL	NET	SELn1	SWT	SWR
Capacity (veh/h)	1254	-	215	-	-
HCM Lane V/C Ratio	0.469	-	0.972	-	-
HCM Control Delay (s)	10.4	0	101.3	-	-
HCM Lane LOS	B	A	F	-	-
HCM 95th %tile Q(veh)	2.6	-	8.5	-	-

Intersection

Int Delay, s/veh 0.1

Movement	SET	SER	NWL	NWT	NEL	NER
Vol, veh/h	434	1	2	88	1	2
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Free	Free	Free	Free	Stop	Stop
RT Channelized	-	None	-	None	-	None
Storage Length	-	-	-	-	0	-
Veh in Median Storage, #	0	-	-	0	0	-
Grade, %	0	-	-	0	0	-
Peak Hour Factor	96	96	96	96	96	96
Heavy Vehicles, %	2	2	2	2	2	2
Mvmt Flow	452	1	2	92	1	2

Major/Minor	Major1		Major2		Minor1	
Conflicting Flow All	0	0	453	0	549	453
Stage 1	-	-	-	-	453	-
Stage 2	-	-	-	-	96	-
Critical Hdwy	-	-	4.12	-	6.42	6.22
Critical Hdwy Stg 1	-	-	-	-	5.42	-
Critical Hdwy Stg 2	-	-	-	-	5.42	-
Follow-up Hdwy	-	-	2.218	-	3.518	3.318
Pot Cap-1 Maneuver	-	-	1108	-	497	607
Stage 1	-	-	-	-	640	-
Stage 2	-	-	-	-	928	-
Platoon blocked, %	-	-	-	-	-	-
Mov Cap-1 Maneuver	-	-	1108	-	496	607
Mov Cap-2 Maneuver	-	-	-	-	496	-
Stage 1	-	-	-	-	640	-
Stage 2	-	-	-	-	926	-

Approach	SE	NW	NE
HCM Control Delay, s	0	0.2	11.4
HCM LOS			B

Minor Lane/Major Mvmt	NELn1	NWL	NWT	SET	SER
Capacity (veh/h)	565	1108	-	-	-
HCM Lane V/C Ratio	0.006	0.002	-	-	-
HCM Control Delay (s)	11.4	8.3	0	-	-
HCM Lane LOS	B	A	A	-	-
HCM 95th %tile Q(veh)	0	0	-	-	-

Intersection

Int Delay, s/veh 14.8

Movement	SEL	SER	NEL	NET	SWT	SWR
Vol, veh/h	328	108	10	195	122	80
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Stop	Stop	Free	Free	Free	Free
RT Channelized	-	None	-	None	-	None
Storage Length	0	-	-	-	-	-
Veh in Median Storage, #	0	-	-	0	0	-
Grade, %	0	-	-	0	0	-
Peak Hour Factor	88	88	88	88	88	88
Heavy Vehicles, %	2	2	2	2	2	2
Mvmt Flow	373	123	11	222	139	91

Major/Minor	Minor2	Major1	Major2
Conflicting Flow All	428	184	230
Stage 1	184	-	-
Stage 2	244	-	-
Critical Hdwy	6.42	6.22	4.12
Critical Hdwy Stg 1	5.42	-	-
Critical Hdwy Stg 2	5.42	-	-
Follow-up Hdwy	3.518	3.318	2.218
Pot Cap-1 Maneuver	584	858	1338
Stage 1	848	-	-
Stage 2	797	-	-
Platoon blocked, %	-	-	-
Mov Cap-1 Maneuver	579	858	1338
Mov Cap-2 Maneuver	579	-	-
Stage 1	848	-	-
Stage 2	790	-	-

Approach	SE	NE	SW
HCM Control Delay, s	28.5	0.4	0
HCM LOS	D		

Minor Lane/Major Mvmt	NEL	NET SELn1	SWT	SWR
Capacity (veh/h)	1338	- 630	-	-
HCM Lane V/C Ratio	0.008	- 0.786	-	-
HCM Control Delay (s)	7.7	0 28.5	-	-
HCM Lane LOS	A	A D	-	-
HCM 95th %tile Q(veh)	0	- 7.6	-	-

Intersection

Int Delay, s/veh 8

Movement	SEL	SER	NEL	NET	SWT	SWR
Vol, veh/h	33	54	419	104	148	134
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Stop	Stop	Free	Free	Free	Free
RT Channelized	-	None	-	None	-	None
Storage Length	0	-	-	-	-	-
Veh in Median Storage, #	0	-	-	0	0	-
Grade, %	0	-	-	0	0	-
Peak Hour Factor	87	87	87	87	87	87
Heavy Vehicles, %	2	2	2	2	2	2
Mvmt Flow	38	62	482	120	170	154

Major/Minor	Minor2		Major1		Major2	
Conflicting Flow All	1330	247	324	0	-	0
Stage 1	247	-	-	-	-	-
Stage 2	1083	-	-	-	-	-
Critical Hdwy	6.42	6.22	4.12	-	-	-
Critical Hdwy Stg 1	5.42	-	-	-	-	-
Critical Hdwy Stg 2	5.42	-	-	-	-	-
Follow-up Hdwy	3.518	3.318	2.218	-	-	-
Pot Cap-1 Maneuver	171	792	1236	-	-	-
Stage 1	794	-	-	-	-	-
Stage 2	325	-	-	-	-	-
Platoon blocked, %				-	-	-
Mov Cap-1 Maneuver	100	792	1236	-	-	-
Mov Cap-2 Maneuver	100	-	-	-	-	-
Stage 1	794	-	-	-	-	-
Stage 2	189	-	-	-	-	-

Approach	SE	NE	SW
HCM Control Delay, s	34.8	7.8	0
HCM LOS	D		

Minor Lane/Major Mvmt	NEL	NET SELn1	SWT	SWR
Capacity (veh/h)	1236	- 218	-	-
HCM Lane V/C Ratio	0.39	- 0.459	-	-
HCM Control Delay (s)	9.8	0 34.8	-	-
HCM Lane LOS	A	A D	-	-
HCM 95th %tile Q(veh)	1.9	- 2.2	-	-

## SCENARIO 1

Intersection

Int Delay, s/veh 0.4

Movement	SET	SER	NWL	NWT	NEL	NER
Vol, veh/h	444	6	6	106	8	11
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Free	Free	Free	Free	Stop	Stop
RT Channelized	-	None	-	None	-	None
Storage Length	-	-	-	-	0	-
Veh in Median Storage, #	0	-	-	0	0	-
Grade, %	0	-	-	0	0	-
Peak Hour Factor	98	98	98	98	98	98
Heavy Vehicles, %	2	2	2	2	2	2
Mvmt Flow	453	6	6	108	8	11

Major/Minor	Major1	Major2	Minor1
Conflicting Flow All	0	459	576
Stage 1	-	-	456
Stage 2	-	-	120
Critical Hdwy	-	4.14	6.63
Critical Hdwy Stg 1	-	-	5.83
Critical Hdwy Stg 2	-	-	5.43
Follow-up Hdwy	-	2.22	3.519
Pot Cap-1 Maneuver	-	1098	463
Stage 1	-	-	606
Stage 2	-	-	905
Platoon blocked, %	-	-	-
Mov Cap-1 Maneuver	-	1098	460
Mov Cap-2 Maneuver	-	-	460
Stage 1	-	-	606
Stage 2	-	-	900

Approach	SE	NW	NE
HCM Control Delay, s	0	0.4	11.2
HCM LOS			B

Minor Lane/Major Mvmt	NELn1	NWL	NWT	SET	SER
Capacity (veh/h)	601	1098	-	-	-
HCM Lane V/C Ratio	0.032	0.006	-	-	-
HCM Control Delay (s)	11.2	8.3	0	-	-
HCM Lane LOS	B	A	A	-	-
HCM 95th %tile Q(veh)	0.1	0	-	-	-



Intersection

Int Delay, s/veh 11.8

Movement	SEL	SER	NEL	NET	SWT	SWR
Vol, veh/h	303	152	21	301	211	91
Conflicting Peds, #/hr	0	0	7	0	0	7
Sign Control	Stop	Stop	Free	Free	Free	Free
RT Channelized	-	None	-	None	-	None
Storage Length	0	0	-	-	-	-
Veh in Median Storage, #	0	-	-	0	0	-
Grade, %	0	-	-	0	0	-
Peak Hour Factor	92	92	93	93	96	96
Heavy Vehicles, %	2	2	2	2	2	2
Mvmt Flow	329	165	23	324	220	95

Major/Minor	Minor2	Major1	Major2
Conflicting Flow All	636	274	315
Stage 1	267	-	-
Stage 2	369	-	-
Critical Hdwy	6.42	6.22	4.12
Critical Hdwy Stg 1	5.42	-	-
Critical Hdwy Stg 2	5.42	-	-
Follow-up Hdwy	3.518	3.318	2.218
Pot Cap-1 Maneuver	442	765	1245
Stage 1	778	-	-
Stage 2	699	-	-
Platoon blocked, %	-	-	-
Mov Cap-1 Maneuver	432	761	1238
Mov Cap-2 Maneuver	432	-	-
Stage 1	778	-	-
Stage 2	683	-	-

Approach	SE	NE	SW
HCM Control Delay, s	27.3	0.5	0
HCM LOS	D		

Minor Lane/Major Mvmt	NEL	NET	SELn1	SELn2	SWT	SWR
Capacity (veh/h)	1238	-	432	761	-	-
HCM Lane V/C Ratio	0.018	-	0.762	0.217	-	-
HCM Control Delay (s)	8	0	35.5	11	-	-
HCM Lane LOS	A	A	E	B	-	-
HCM 95th %tile Q(veh)	0.1	-	6.4	0.8	-	-

Intersection

Int Delay, s/veh 0.5

Movement	SET	SER	NWL	NWT	NEL	NER
Vol, veh/h	434	12	9	88	7	12
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Free	Free	Free	Free	Stop	Stop
RT Channelized	-	None	-	None	-	None
Storage Length	-	-	-	-	0	-
Veh in Median Storage, #	0	-	-	0	0	-
Grade, %	0	-	-	0	0	-
Peak Hour Factor	96	96	96	96	96	96
Heavy Vehicles, %	2	2	2	2	2	2
Mvmt Flow	452	12	9	92	7	12

Major/Minor	Major1		Major2		Minor1	
Conflicting Flow All	0	0	465	0	568	232
Stage 1	-	-	-	-	458	-
Stage 2	-	-	-	-	110	-
Critical Hdwy	-	-	4.14	-	6.63	6.93
Critical Hdwy Stg 1	-	-	-	-	5.83	-
Critical Hdwy Stg 2	-	-	-	-	5.43	-
Follow-up Hdwy	-	-	2.22	-	3.519	3.319
Pot Cap-1 Maneuver	-	-	1093	-	468	771
Stage 1	-	-	-	-	604	-
Stage 2	-	-	-	-	914	-
Platoon blocked, %	-	-	-	-	-	-
Mov Cap-1 Maneuver	-	-	1093	-	464	771
Mov Cap-2 Maneuver	-	-	-	-	464	-
Stage 1	-	-	-	-	604	-
Stage 2	-	-	-	-	906	-

Approach	SE	NW	NE
HCM Control Delay, s	0	0.8	11
HCM LOS			B

Minor Lane/Major Mvmt	NELn1	NWL	NWT	SET	SER
Capacity (veh/h)	620	1093	-	-	-
HCM Lane V/C Ratio	0.032	0.009	-	-	-
HCM Control Delay (s)	11	8.3	0	-	-
HCM Lane LOS	B	A	A	-	-
HCM 95th %tile Q(veh)	0.1	0	-	-	-

Intersection

Int Delay, s/veh 10.4

Movement	SEL	SER	NEL	NET	SWT	SWR
Vol, veh/h	334	112	13	195	122	84
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Stop	Stop	Free	Free	Free	Free
RT Channelized	-	None	-	None	-	None
Storage Length	0	0	-	-	-	-
Veh in Median Storage, #	0	-	-	0	0	-
Grade, %	0	-	-	0	0	-
Peak Hour Factor	88	88	88	88	88	88
Heavy Vehicles, %	2	2	2	2	2	2
Mvmt Flow	380	127	15	222	139	95

Major/Minor	Minor2	Major1	Major2
Conflicting Flow All	437	186	234
Stage 1	186	-	-
Stage 2	251	-	-
Critical Hdwy	6.42	6.22	4.12
Critical Hdwy Stg 1	5.42	-	-
Critical Hdwy Stg 2	5.42	-	-
Follow-up Hdwy	3.518	3.318	2.218
Pot Cap-1 Maneuver	577	856	1333
Stage 1	846	-	-
Stage 2	791	-	-
Platoon blocked, %	-	-	-
Mov Cap-1 Maneuver	569	856	1333
Mov Cap-2 Maneuver	569	-	-
Stage 1	846	-	-
Stage 2	781	-	-

Approach	SE	NE	SW
HCM Control Delay, s	19.8	0.5	0
HCM LOS	C		

Minor Lane/Major Mvmt	NEL	NET	SELn1	SELn2	SWT	SWR
Capacity (veh/h)	1333	-	569	856	-	-
HCM Lane V/C Ratio	0.011	-	0.667	0.149	-	-
HCM Control Delay (s)	7.7	0	23.1	9.9	-	-
HCM Lane LOS	A	A	C	A	-	-
HCM 95th %tile Q(veh)	0	-	5	0.5	-	-

## SCENARIO 2

Intersection

Int Delay, s/veh 0.3

Movement	SET	SER	NWL	NWT	NEL	NER
Vol, veh/h	444	6	3	106	8	5
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Free	Free	Free	Free	Stop	Stop
RT Channelized	-	None	-	None	-	None
Storage Length	-	-	-	-	0	-
Veh in Median Storage, #	0	-	-	0	0	-
Grade, %	0	-	-	0	0	-
Peak Hour Factor	98	98	98	98	98	98
Heavy Vehicles, %	2	2	2	2	2	2
Mvmt Flow	453	6	3	108	8	5

Major/Minor	Major1		Major2		Minor1	
Conflicting Flow All	0	0	459	0	570	456
Stage 1	-	-	-	-	456	-
Stage 2	-	-	-	-	114	-
Critical Hdwy	-	-	4.12	-	6.42	6.22
Critical Hdwy Stg 1	-	-	-	-	5.42	-
Critical Hdwy Stg 2	-	-	-	-	5.42	-
Follow-up Hdwy	-	-	2.218	-	3.518	3.318
Pot Cap-1 Maneuver	-	-	1102	-	483	604
Stage 1	-	-	-	-	638	-
Stage 2	-	-	-	-	911	-
Platoon blocked, %	-	-	-	-	-	-
Mov Cap-1 Maneuver	-	-	1102	-	482	604
Mov Cap-2 Maneuver	-	-	-	-	482	-
Stage 1	-	-	-	-	638	-
Stage 2	-	-	-	-	908	-

Approach	SE	NW	NE
HCM Control Delay, s	0	0.2	12.1
HCM LOS			B

Minor Lane/Major Mvmt	NELn1	NWL	NWT	SET	SER
Capacity (veh/h)	523	1102	-	-	-
HCM Lane V/C Ratio	0.025	0.003	-	-	-
HCM Control Delay (s)	12.1	8.3	0	-	-
HCM Lane LOS	B	A	A	-	-
HCM 95th %tile Q(veh)	0.1	0	-	-	-

Intersection

Int Delay, s/veh 26

Movement	SEL	SER	NEL	NET	SWT	SWR
Vol, veh/h	301	148	19	303	212	90
Conflicting Peds, #/hr	0	0	7	0	0	7
Sign Control	Stop	Stop	Free	Free	Free	Free
RT Channelized	-	None	-	None	-	None
Storage Length	0	-	-	-	-	-
Veh in Median Storage, #	0	-	-	0	0	-
Grade, %	0	-	-	0	0	-
Peak Hour Factor	92	92	93	93	96	96
Heavy Vehicles, %	2	2	2	2	2	2
Mvmt Flow	327	161	20	326	221	94

Major/Minor	Minor2	Major1	Major2
Conflicting Flow All	635	275	315
Stage 1	268	-	-
Stage 2	367	-	-
Critical Hdwy	6.42	6.22	4.12
Critical Hdwy Stg 1	5.42	-	-
Critical Hdwy Stg 2	5.42	-	-
Follow-up Hdwy	3.518	3.318	2.218
Pot Cap-1 Maneuver	443	764	1245
Stage 1	777	-	-
Stage 2	701	-	-
Platoon blocked, %	-	-	-
Mov Cap-1 Maneuver	434	760	1238
Mov Cap-2 Maneuver	434	-	-
Stage 1	777	-	-
Stage 2	687	-	-

Approach	SE	NE	SW
HCM Control Delay, s	60.8	0.5	0
HCM LOS	F		

Minor Lane/Major Mvmt	NEL	NET SELn1	SWT	SWR
Capacity (veh/h)	1238	- 505	-	-
HCM Lane V/C Ratio	0.017	- 0.966	-	-
HCM Control Delay (s)	8	0 60.8	-	-
HCM Lane LOS	A	A F	-	-
HCM 95th %tile Q(veh)	0.1	- 12.5	-	-

Intersection

Int Delay, s/veh 0.2

Movement	SEL	SER	NEL	NET	SWT	SWR
Vol, veh/h	2	4	2	320	359	1
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Stop	Stop	Free	Free	Free	Free
RT Channelized	-	None	-	None	-	None
Storage Length	0	-	-	-	-	-
Veh in Median Storage, #	0	-	-	0	0	-
Grade, %	0	-	-	0	0	-
Peak Hour Factor	92	92	92	92	92	92
Heavy Vehicles, %	2	2	2	2	2	2
Mvmt Flow	2	4	2	348	390	1

Major/Minor	Minor2	Major1	Major2
Conflicting Flow All	743	391	391
Stage 1	391	-	-
Stage 2	352	-	-
Critical Hdwy	6.42	6.22	4.12
Critical Hdwy Stg 1	5.42	-	-
Critical Hdwy Stg 2	5.42	-	-
Follow-up Hdwy	3.518	3.318	2.218
Pot Cap-1 Maneuver	383	658	1168
Stage 1	683	-	-
Stage 2	712	-	-
Platoon blocked, %	-	-	-
Mov Cap-1 Maneuver	382	658	1168
Mov Cap-2 Maneuver	382	-	-
Stage 1	683	-	-
Stage 2	711	-	-

Approach	SE	NE	SW
HCM Control Delay, s	11.9	0.1	0
HCM LOS	B		

Minor Lane/Major Mvmt	NEL	NET SELn1	SWT	SWR
Capacity (veh/h)	1168	- 530	-	-
HCM Lane V/C Ratio	0.002	- 0.012	-	-
HCM Control Delay (s)	8.1	0 11.9	-	-
HCM Lane LOS	A	A B	-	-
HCM 95th %tile Q(veh)	0	0	-	-

Intersection

Int Delay, s/veh 0.4

Movement	SET	SER	NWL	NWT	NEL	NER
Vol, veh/h	434	12	4	88	7	7
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Free	Free	Free	Free	Stop	Stop
RT Channelized	-	None	-	None	-	None
Storage Length	-	-	-	-	0	-
Veh in Median Storage, #	0	-	-	0	0	-
Grade, %	0	-	-	0	0	-
Peak Hour Factor	96	96	96	96	96	96
Heavy Vehicles, %	2	2	2	2	2	2
Mvmt Flow	452	12	4	92	7	7

Major/Minor	Major1		Major2		Minor1	
Conflicting Flow All	0	0	465	0	558	458
Stage 1	-	-	-	-	458	-
Stage 2	-	-	-	-	100	-
Critical Hdwy	-	-	4.12	-	6.42	6.22
Critical Hdwy Stg 1	-	-	-	-	5.42	-
Critical Hdwy Stg 2	-	-	-	-	5.42	-
Follow-up Hdwy	-	-	2.218	-	3.518	3.318
Pot Cap-1 Maneuver	-	-	1096	-	491	603
Stage 1	-	-	-	-	637	-
Stage 2	-	-	-	-	924	-
Platoon blocked, %	-	-	-	-	-	-
Mov Cap-1 Maneuver	-	-	1096	-	489	603
Mov Cap-2 Maneuver	-	-	-	-	489	-
Stage 1	-	-	-	-	637	-
Stage 2	-	-	-	-	920	-

Approach	SE	NW	NE
HCM Control Delay, s	0	0.4	11.9
HCM LOS			B

Minor Lane/Major Mvmt	NELn1	NWL	NWT	SET	SER
Capacity (veh/h)	540	1096	-	-	-
HCM Lane V/C Ratio	0.027	0.004	-	-	-
HCM Control Delay (s)	11.9	8.3	0	-	-
HCM Lane LOS	B	A	A	-	-
HCM 95th %tile Q(veh)	0.1	0	-	-	-



Intersection

Int Delay, s/veh 15.6

Movement	SEL	SER	NEL	NET	SWT	SWR
Vol, veh/h	333	108	10	196	124	82
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Stop	Stop	Free	Free	Free	Free
RT Channelized		None	-	None		None
Storage Length	0		-	-	-	-
Veh in Median Storage, #	0	-	-	0	0	-
Grade, %	0		-	0	0	-
Peak Hour Factor	88	88	88	88	88	88
Heavy Vehicles, %	2	2	2	2	2	2
Mvmt Flow	378	123	11	223	141	93

Major/Minor	Minor2		Major1		Major2	
Conflicting Flow All	433	188	234	0	-	0
Stage 1	188	-				
Stage 2	245					
Critical Hdwy	6.42	6.22	4.12		-	-
Critical Hdwy Stg 1	5.42					
Critical Hdwy Stg 2	5.42		-	-	-	
Follow-up Hdwy	3.518	3.318	2.218		-	-
Pot Cap-1 Maneuver	580	854	1333	-		
Stage 1	844			-	-	
Stage 2	796					-
Platoon blocked, %				-		
Mov Cap-1 Maneuver	575	854	1333		-	-
Mov Cap-2 Maneuver	575					-
Stage 1	844		-	-		
Stage 2	789				-	-

Approach	SE	NE	SW
HCM Control Delay, s	29.9	0.4	0
HCM LOS	D		

Minor Lane/Major Mvmt	NEL	NET	SELn1	SWT	SWR
Capacity (veh/h)	1333	-	625		
HCM Lane V/C Ratio	0.009	-	0.802	-	
HCM Control Delay (s)	7.7	0	29.9		
HCM Lane LOS	A	A	D		
HCM 95th %tile Q(veh)	0		8	-	

Intersection

Int Delay, s/veh 0.2

Movement	SEL	SER	NEL	NET	SWT	SWR
Vol, veh/h	1	4	3	205	230	2
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Stop	Stop	Free	Free	Free	Free
RT Channelized	-	None	-	None	-	None
Storage Length	0	-	-	-	-	-
Veh in Median Storage, #	0	-	-	0	0	-
Grade, %	0	-	-	0	0	-
Peak Hour Factor	92	92	92	92	92	92
Heavy Vehicles, %	2	2	2	2	2	2
Mvmt Flow	1	4	3	223	250	2

Major/Minor	Minor2		Major1		Major2	
Conflicting Flow All	480	251	252	0	-	0
Stage 1	251	-	-	-	-	-
Stage 2	229	-	-	-	-	-
Critical Hdwy	6.42	6.22	4.12	-	-	-
Critical Hdwy Stg 1	5.42	-	-	-	-	-
Critical Hdwy Stg 2	5.42	-	-	-	-	-
Follow-up Hdwy	3.518	3.318	2.218	-	-	-
Pot Cap-1 Maneuver	545	788	1313	-	-	-
Stage 1	791	-	-	-	-	-
Stage 2	809	-	-	-	-	-
Platoon blocked, %				-	-	-
Mov Cap-1 Maneuver	543	788	1313	-	-	-
Mov Cap-2 Maneuver	543	-	-	-	-	-
Stage 1	791	-	-	-	-	-
Stage 2	807	-	-	-	-	-

Approach	SE	NE	SW
HCM Control Delay, s	10	0.1	0
HCM LOS	B		

Minor Lane/Major Mvmt	NEL	NET	SELn1	SWT	SWR
Capacity (veh/h)	1313	-	723	-	-
HCM Lane V/C Ratio	0.002	-	0.008	-	-
HCM Control Delay (s)	7.7	0	10	-	-
HCM Lane LOS	A	A	B	-	-
HCM 95th %tile Q(veh)	0	-	0	-	-

## SCENARIO 3

Intersection

Int Delay, s/veh 0.3

Movement	SET	SER	NWL	NWT	NEL	NER
Vol, veh/h	444	6	3	106	8	5
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Free	Free	Free	Free	Stop	Stop
RT Channelized	-	None	-	None	-	None
Storage Length	-	-	-	-	0	-
Veh in Median Storage, #	0	-	-	0	0	-
Grade, %	0	-	-	0	0	-
Peak Hour Factor	98	98	98	98	98	98
Heavy Vehicles, %	2	2	2	2	2	2
Mvmt Flow	453	6	3	108	8	5

Major/Minor	Major1	Major2	Minor1
Conflicting Flow All	0	459	570
Stage 1	-	-	456
Stage 2	-	-	114
Critical Hdwy	-	4.14	6.63
Critical Hdwy Stg 1	-	-	5.83
Critical Hdwy Stg 2	-	-	5.43
Follow-up Hdwy	-	2.22	3.519
Pot Cap-1 Maneuver	-	1098	467
Stage 1	-	-	606
Stage 2	-	-	910
Platoon blocked, %	-	-	-
Mov Cap-1 Maneuver	-	1098	466
Mov Cap-2 Maneuver	-	-	466
Stage 1	-	-	606
Stage 2	-	-	907

Approach	SE	NW	NE
HCM Control Delay, s	0	0.2	11.7
HCM LOS			B

Minor Lane/Major Mvmt	NELn1	NWL	NWT	SET	SER
Capacity (veh/h)	550	1098	-	-	-
HCM Lane V/C Ratio	0.024	0.003	-	-	-
HCM Control Delay (s)	11.7	8.3	0	-	-
HCM Lane LOS	B	A	A	-	-
HCM 95th %tile Q(veh)	0.1	0	-	-	-

Intersection

Int Delay, s/veh 11.5

Movement	SEL	SER	NEL	NET	SWT	SWR
Vol, veh/h	301	148	19	303	212	90
Conflicting Peds, #/hr	0	0	7	0	0	7
Sign Control	Stop	Stop	Free	Free	Free	Free
RT Channelized	-	None	-	None	-	None
Storage Length	0	0	-	-	-	-
Veh in Median Storage, #	0	-	-	0	0	-
Grade, %	0	-	-	0	0	-
Peak Hour Factor	92	92	93	93	96	96
Heavy Vehicles, %	2	2	2	2	2	2
Mvmt Flow	327	161	20	326	221	94

Major/Minor	Minor2		Major1		Major2	
Conflicting Flow All	635	275	315	0	-	0
Stage 1	268	-	-	-	-	-
Stage 2	367	-	-	-	-	-
Critical Hdwy	6.42	6.22	4.12	-	-	-
Critical Hdwy Stg 1	5.42	-	-	-	-	-
Critical Hdwy Stg 2	5.42	-	-	-	-	-
Follow-up Hdwy	3.518	3.318	2.218	-	-	-
Pot Cap-1 Maneuver	443	764	1245	-	-	-
Stage 1	777	-	-	-	-	-
Stage 2	701	-	-	-	-	-
Platoon blocked, %				-	-	-
Mov Cap-1 Maneuver	434	760	1238	-	-	-
Mov Cap-2 Maneuver	434	-	-	-	-	-
Stage 1	777	-	-	-	-	-
Stage 2	687	-	-	-	-	-

Approach	SE	NE	SW
HCM Control Delay, s	26.8	0.5	0
HCM LOS	D		

Minor Lane/Major Mvmt	NEL	NET	SELn1	SELn2	SWT	SWR
Capacity (veh/h)	1238	-	434	760	-	-
HCM Lane V/C Ratio	0.017	-	0.754	0.212	-	-
HCM Control Delay (s)	8	0	34.6	11	-	-
HCM Lane LOS	A	A	D	B	-	-
HCM 95th %tile Q(veh)	0.1	-	6.3	0.8	-	-

Intersection

Int Delay, s/veh 0.2

Movement	SEL	SER	NEL	NET	SWT	SWR
Vol, veh/h	2	4	2	320	359	1
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Stop	Stop	Free	Free	Free	Free
RT Channelized		None		None		None
Storage Length	0			-		-
Veh in Median Storage, #	0			0	0	-
Grade, %	0			0	0	-
Peak Hour Factor	92	92	92	92	92	92
Heavy Vehicles, %	2	2	2	2	2	2
Mvmt Flow	2	4	2	348	390	1

Major/Minor	Minor2		Major1		Major2	
Conflicting Flow All	743	391	391	0	-	0
Stage 1	391					
Stage 2	352	-	-			
Critical Hdwy	6.42	6.22	4.12		-	
Critical Hdwy Stg 1	5.42					
Critical Hdwy Stg 2	5.42	-	-			
Follow-up Hdwy	3.518	3.318	2.218		-	
Pot Cap-1 Maneuver	383	658	1168			
Stage 1	683		-		-	
Stage 2	712				-	
Platoon blocked, %						
Mov Cap-1 Maneuver	382	658	1168	-		
Mov Cap-2 Maneuver	382					
Stage 1	683					
Stage 2	711			-		

Approach	SE	NE	SW
HCM Control Delay, s	11.9	0.1	0
HCM LOS	B		

Minor Lane/Major Mvmt	NEL	NET	SELn1	SWT	SWR
Capacity (veh/h)	1168	-	530		
HCM Lane V/C Ratio	0.002	-	0.012	-	
HCM Control Delay (s)	8.1	0	11.9		
HCM Lane LOS	A	A	B		
HCM 95th %tile Q(veh)	0	-	0	-	

Intersection

Int Delay, s/veh 0.4

Movement	SET	SER	NWL	NWT	NEL	NER
Vol, veh/h	434	12	4	88	7	7
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Free	Free	Free	Free	Stop	Stop
RT Channelized	-	None	-	None	-	None
Storage Length	-	-	-	-	0	-
Veh in Median Storage, #	0	-	-	0	0	-
Grade, %	0	-	-	0	0	-
Peak Hour Factor	96	96	96	96	96	96
Heavy Vehicles, %	2	2	2	2	2	2
Mvmt Flow	452	12	4	92	7	7

Major/Minor	Major1	Major2	Minor1
Conflicting Flow All	0	465	558
Stage 1	-	-	458
Stage 2	-	-	100
Critical Hdwy	-	4.14	6.63
Critical Hdwy Stg 1	-	-	5.83
Critical Hdwy Stg 2	-	-	5.43
Follow-up Hdwy	-	2.22	3.519
Pot Cap-1 Maneuver	-	1093	475
Stage 1	-	-	604
Stage 2	-	-	923
Platoon blocked, %	-	-	-
Mov Cap-1 Maneuver	-	1093	473
Mov Cap-2 Maneuver	-	-	473
Stage 1	-	-	604
Stage 2	-	-	919

Approach	SE	NW	NE
HCM Control Delay, s	0	0.4	11.3
HCM LOS			B

Minor Lane/Major Mvmt	NELn1	NWL	NWT	SET	SER
Capacity (veh/h)	586	1093	-	-	-
HCM Lane V/C Ratio	0.025	0.004	-	-	-
HCM Control Delay (s)	11.3	8.3	0	-	-
HCM Lane LOS	B	A	A	-	-
HCM 95th %tile Q(veh)	0.1	0	-	-	-

Intersection

Int Delay, s/veh 10.1

Movement	SEL	SER	NEL	NET	SWT	SWR
Vol, veh/h	333	108	10	196	124	82
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Stop	Stop	Free	Free	Free	Free
RT Channelized	-	None	-	None	-	None
Storage Length	0	0	-	-	-	-
Veh in Median Storage, #	0	-	-	0	0	-
Grade, %	0	-	-	0	0	-
Peak Hour Factor	88	88	88	88	88	88
Heavy Vehicles, %	2	2	2	2	2	2
Mvmt Flow	378	123	11	223	141	93

Major/Minor	Minor2	Major1	Major2
Conflicting Flow All	433	188	234
Stage 1	188	-	-
Stage 2	245	-	-
Critical Hdwy	6.42	6.22	4.12
Critical Hdwy Stg 1	5.42	-	-
Critical Hdwy Stg 2	5.42	-	-
Follow-up Hdwy	3.518	3.318	2.218
Pot Cap-1 Maneuver	580	854	1333
Stage 1	844	-	-
Stage 2	796	-	-
Platoon blocked, %	-	-	-
Mov Cap-1 Maneuver	575	854	1333
Mov Cap-2 Maneuver	575	-	-
Stage 1	844	-	-
Stage 2	789	-	-

Approach	SE	NE	SW
HCM Control Delay, s	19.4	0.4	0
HCM LOS	C		

Minor Lane/Major Mvmt	NEL	NET	SELn1	SELn2	SWT	SWR
Capacity (veh/h)	1333	-	575	854	-	-
HCM Lane V/C Ratio	0.009	-	0.658	0.144	-	-
HCM Control Delay (s)	7.7	0	22.5	9.9	-	-
HCM Lane LOS	A	A	C	A	-	-
HCM 95th %tile Q(veh)	0	-	4.8	0.5	-	-



Intersection

Int Delay, s/veh 0.2

Movement	SEL	SER	NEL	NET	SWT	SWR
Vol, veh/h	1	4	3	205	230	2
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Stop	Stop	Free	Free	Free	Free
RT Channelized	-	None	-	None	-	None
Storage Length	0	-	-	-	-	-
Veh in Median Storage, #	0	-	-	0	0	-
Grade, %	0	-	-	0	0	-
Peak Hour Factor	92	92	92	92	92	92
Heavy Vehicles, %	2	2	2	2	2	2
Mvmt Flow	1	4	3	223	250	2

Major/Minor	Minor2		Major1		Major2	
Conflicting Flow All	480	251	252	0	-	0
Stage 1	251	-	-	-	-	-
Stage 2	229	-	-	-	-	-
Critical Hdwy	6.42	6.22	4.12	-	-	-
Critical Hdwy Stg 1	5.42	-	-	-	-	-
Critical Hdwy Stg 2	5.42	-	-	-	-	-
Follow-up Hdwy	3.518	3.318	2.218	-	-	-
Pot Cap-1 Maneuver	545	788	1313	-	-	-
Stage 1	791	-	-	-	-	-
Stage 2	809	-	-	-	-	-
Platoon blocked, %				-	-	-
Mov Cap-1 Maneuver	543	788	1313	-	-	-
Mov Cap-2 Maneuver	543	-	-	-	-	-
Stage 1	791	-	-	-	-	-
Stage 2	807	-	-	-	-	-

Approach	SE	NE	SW
HCM Control Delay, s	10	0.1	0
HCM LOS	B		

Minor Lane/Major Mvmt	NEL	NET SELn1	SWT	SWR
Capacity (veh/h)	1313	- 723	-	-
HCM Lane V/C Ratio	0.002	- 0.008	-	-
HCM Control Delay (s)	7.7	0 10	-	-
HCM Lane LOS	A	A B	-	-
HCM 95th %tile Q(veh)	0	- 0	-	-

## SCENARIO 4

Intersection

Int Delay, s/veh 0.4

Movement	SET	SER	NWL	NWT	NEL	NER
Vol, veh/h	444	6	6	106	8	11
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Free	Free	Free	Free	Stop	Stop
RT Channelized	-	None	-	None	-	None
Storage Length	-	-	-	-	0	-
Veh in Median Storage, #	0	-	-	0	0	-
Grade, %	0	-	-	0	0	-
Peak Hour Factor	98	98	98	98	98	98
Heavy Vehicles, %	2	2	2	2	2	2
Mvmt Flow	453	6	6	108	8	11

Major/Minor	Major1	Major2	Minor1
Conflicting Flow All	0	459	576
Stage 1	-	-	456
Stage 2	-	-	120
Critical Hdwy	-	4.14	6.63
Critical Hdwy Stg 1	-	-	5.83
Critical Hdwy Stg 2	-	-	5.43
Follow-up Hdwy	-	2.22	3.519
Pot Cap-1 Maneuver	-	1098	463
Stage 1	-	-	606
Stage 2	-	-	905
Platoon blocked, %	-	-	-
Mov Cap-1 Maneuver	-	1098	460
Mov Cap-2 Maneuver	-	-	460
Stage 1	-	-	606
Stage 2	-	-	900

Approach	SE	NW	NE
HCM Control Delay, s	0	0.4	11.2
HCM LOS			B

Minor Lane/Major Mvmt	NELn1	NWL	NWT	SET	SER
Capacity (veh/h)	601	1098	-	-	-
HCM Lane V/C Ratio	0.032	0.006	-	-	-
HCM Control Delay (s)	11.2	8.3	0	-	-
HCM Lane LOS	B	A	A	-	-
HCM 95th %tile Q(veh)	0.1	0	-	-	-

Intersection

Int Delay, s/veh 9.7

Movement	SEL	SER	NEL	NET	SWT	SWR
Vol, veh/h	303	152	21	195	211	91
Conflicting Peds, #/hr	0	0	7	0	0	7
Sign Control	Stop	Stop	Free	Free	Free	Free
RT Channelized	-	None	-	None	-	None
Storage Length	0	0	-	-	-	-
Veh in Median Storage, #	0	-	-	0	0	-
Grade, %	0	-	-	0	0	-
Peak Hour Factor	92	92	93	93	96	96
Heavy Vehicles, %	2	2	2	2	2	2
Mvmt Flow	329	165	23	210	220	95

Major/Minor	Minor2	Major1	Major2
Conflicting Flow All	522	274	315
Stage 1	267	-	-
Stage 2	255	-	-
Critical Hdwy	6.42	6.22	4.12
Critical Hdwy Stg 1	5.42	-	-
Critical Hdwy Stg 2	5.42	-	-
Follow-up Hdwy	3.518	3.318	2.218
Pot Cap-1 Maneuver	515	765	1245
Stage 1	778	-	-
Stage 2	788	-	-
Platoon blocked, %	-	-	-
Mov Cap-1 Maneuver	504	761	1238
Mov Cap-2 Maneuver	504	-	-
Stage 1	778	-	-
Stage 2	771	-	-

Approach	SE	NE	SW
HCM Control Delay, s	20.1	0.8	0
HCM LOS	C		

Minor Lane/Major Mvmt	NEL	NET	SELn1	SELn2	SWT	SWR
Capacity (veh/h)	1238	-	504	761	-	-
HCM Lane V/C Ratio	0.018	-	0.653	0.217	-	-
HCM Control Delay (s)	8	0	24.6	11	-	-
HCM Lane LOS	A	A	C	B	-	-
HCM 95th %tile Q(veh)	0.1	-	4.7	0.8	-	-

Intersection

Int Delay, s/veh 11.5

Movement	SEL	SER	NEL	NET	SWT	SWR
Vol, veh/h	47	139	420	78	163	112
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Stop	Stop	Free	Free	Free	Free
RT Channelized		None	-	None	-	None
Storage Length	0	-	-	-	-	-
Veh in Median Storage, #	0	-	-	0	0	-
Grade, %	0	-	-	0	0	-
Peak Hour Factor	89	89	89	89	89	89
Heavy Vehicles, %	2	2	2	2	2	2
Mvmt Flow	53	156	472	88	183	126

Major/Minor	Minor2		Major1		Major2	
Conflicting Flow All	1277	246	309	0	-	0
Stage 1	246	-	-	-	-	-
Stage 2	1031	-	-	-	-	-
Critical Hdwy	6.42	6.22	4.12	-	-	-
Critical Hdwy Stg 1	5.42	-	-	-	-	-
Critical Hdwy Stg 2	5.42	-	-	-	-	-
Follow-up Hdwy	3.518	3.318	2.218	-	-	-
Pot Cap-1 Maneuver	184	793	1252	-	-	-
Stage 1	795	-	-	-	-	-
Stage 2	344	-	-	-	-	-
Platoon blocked, %				-	-	-
Mov Cap-1 Maneuver	111	793	1252	-	-	-
Mov Cap-2 Maneuver	111	-	-	-	-	-
Stage 1	795	-	-	-	-	-
Stage 2	208	-	-	-	-	-

Approach	SE	NE	SW
HCM Control Delay, s	37.4	8.1	0
HCM LOS	E		

Minor Lane/Major Mvmt	NEL	NET SELn1	SWT	SWR
Capacity (veh/h)	1252	- 311	-	-
HCM Lane V/C Ratio	0.377	- 0.672	-	-
HCM Control Delay (s)	9.6	0 37.4	-	-
HCM Lane LOS	A	A E	-	-
HCM 95th %tile Q(veh)	1.8	- 4.5	-	-

Intersection

Int Delay, s/veh 0.5

Movement	SET	SER	NWL	NWT	NEL	NER
Vol, veh/h	434	12	9	88	7	12
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Free	Free	Free	Free	Stop	Stop
RT Channelized	-	None	-	None	-	None
Storage Length	-	-	-	-	0	-
Veh in Median Storage, #	0	-	-	0	0	-
Grade, %	0	-	-	0	0	-
Peak Hour Factor	96	96	96	96	96	96
Heavy Vehicles, %	2	2	2	2	2	2
Mvmt Flow	452	12	9	92	7	12

Major/Minor	Major1	Major2	Minor1
Conflicting Flow All	0	465	568
Stage 1	-	-	458
Stage 2	-	-	110
Critical Hdwy	-	4.14	6.63
Critical Hdwy Stg 1	-	-	5.83
Critical Hdwy Stg 2	-	-	5.43
Follow-up Hdwy	-	2.22	3.519
Pot Cap-1 Maneuver	-	1093	468
Stage 1	-	-	604
Stage 2	-	-	914
Platoon blocked, %	-	-	-
Mov Cap-1 Maneuver	-	1093	464
Mov Cap-2 Maneuver	-	-	464
Stage 1	-	-	604
Stage 2	-	-	906

Approach	SE	NW	NE
HCM Control Delay, s	0	0.8	11
HCM LOS			B

Minor Lane/Major Mvmt	NELn1	NWL	NWT	SET	SER
Capacity (veh/h)	620	1093	-	-	-
HCM Lane V/C Ratio	0.032	0.009	-	-	-
HCM Control Delay (s)	11	8.3	0	-	-
HCM Lane LOS	B	A	A	-	-
HCM 95th %tile Q(veh)	0.1	0	-	-	-

Intersection

Int Delay, s/veh 9.6

Movement	SEL	SER	NEL	NET	SWT	SWR
Vol, veh/h	334	112	13	133	122	84
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Stop	Stop	Free	Free	Free	Free
RT Channelized		None	-	None	-	None
Storage Length	0	0	-	-	-	-
Veh in Median Storage, #	0		-	0	0	-
Grade, %	0		-	0	0	-
Peak Hour Factor	88	88	88	88	88	88
Heavy Vehicles, %	2	2	2	2	2	2
Mvmt Flow	380	127	15	151	139	95

Major/Minor	Minor2		Major1		Major2	
Conflicting Flow All	367	186	234	0	-	0
Stage 1	186		-		-	
Stage 2	181		-		-	-
Critical Hdwy	6.42	6.22	4.12		-	
Critical Hdwy Stg 1	5.42		-		-	
Critical Hdwy Stg 2	5.42		-		-	-
Follow-up Hdwy	3.518	3.318	2.218		-	
Pot Cap-1 Maneuver	633	856	1333		-	
Stage 1	846		-		-	-
Stage 2	850		-		-	
Platoon blocked, %					-	
Mov Cap-1 Maneuver	625	856	1333	-	-	-
Mov Cap-2 Maneuver	625		-		-	
Stage 1	846		-		-	
Stage 2	840		-		-	-

Approach	SE		NE		SW
HCM Control Delay, s	16.9		0.7		0
HCM LOS	C				

Minor Lane/Major Mvmt	NEL	NET	SELn1	SELn2	SWT	SWR
Capacity (veh/h)	1333	-	625	856	-	
HCM Lane V/C Ratio	0.011	-	0.607	0.149	-	
HCM Control Delay (s)	7.7	0	19.3	9.9	-	
HCM Lane LOS	A	A	C	A	-	
HCM 95th %tile Q(veh)	0	-	4.1	0.5	-	

Intersection

Int Delay, s/veh 6.7

Movement	SEL	SER	NEL	NET	SWT	SWR
Vol, veh/h	33	54	360	107	152	134
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Stop	Stop	Free	Free	Free	Free
RT Channelized		None	-	None	-	None
Storage Length	0		-	-	-	-
Veh in Median Storage, #	0		-	0	0	-
Grade, %	0		-	0	0	-
Peak Hour Factor	87	87	87	87	87	87
Heavy Vehicles, %	2	2	2	2	2	2
Mvmt Flow	38	62	414	123	175	154

Major/Minor	Minor2		Major1		Major2	
Conflicting Flow All	1203	252	329	0	-	0
Stage 1	252		-	-	-	-
Stage 2	951		-	-	-	-
Critical Hdwy	6.42	6.22	4.12	-	-	-
Critical Hdwy Stg 1	5.42		-	-	-	-
Critical Hdwy Stg 2	5.42		-	-	-	-
Follow-up Hdwy	3.518	3.318	2.218	-	-	-
Pot Cap-1 Maneuver	204	787	1231	-	-	-
Stage 1	790		-	-	-	-
Stage 2	375		-	-	-	-
Platoon blocked, %				-	-	-
Mov Cap-1 Maneuver	130	787	1231	-	-	-
Mov Cap-2 Maneuver	130		-	-	-	-
Stage 1	790		-	-	-	-
Stage 2	240		-	-	-	-

Approach	SE	NE	SW
HCM Control Delay, s	26	7.2	0
HCM LOS	D		

Minor Lane/Major Mvmt	NEL	NET SELn1	SWT	SWR
Capacity (veh/h)	1231	- 270	-	-
HCM Lane V/C Ratio	0.336	- 0.37	-	-
HCM Control Delay (s)	9.4	0 26	-	-
HCM Lane LOS	A	A D	-	-
HCM 95th %tile Q(veh)	1.5	- 1.6	-	-



## SCENARIO 5

Intersection











Int Delay, s/veh 0.4







Movement	SET	SER	NWL	NWT	NEL	NER
Vol, veh/h	444	6	6	106	8	11
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Free	Free	Free	Free	Stop	Stop
RT Channelized	-	None	-	None	-	None
Storage Length	-	-	-	-	0	-
Veh in Median Storage, #	0	-	-	0	0	-
Grade, %	0	-	-	0	0	-
Peak Hour Factor	98	98	98	98	98	98
Heavy Vehicles, %	2	2	2	2	2	2
Mvmt Flow	453	6	6	108	8	11

Major/Minor	Major1	Major2	Minor1
Conflicting Flow All	0	459	576
Stage 1	-	-	456
Stage 2	-	-	120
Critical Hdwy	-	4.14	6.63
Critical Hdwy Stg 1	-	-	5.83
Critical Hdwy Stg 2	-	-	5.43
Follow-up Hdwy	-	2.22	3.519
Pot Cap-1 Maneuver	-	1098	463
Stage 1	-	-	606
Stage 2	-	-	905
Platoon blocked, %	-	-	-
Mov Cap-1 Maneuver	-	1098	460
Mov Cap-2 Maneuver	-	-	460
Stage 1	-	-	606
Stage 2	-	-	900

Approach	SE	NW	NE
HCM Control Delay, s	0	0.4	11.2
HCM LOS			B

Minor Lane/Major Mvmt	NELn1	NWL	NWT	SET	SER
Capacity (veh/h)	601	1098	-	-	-
HCM Lane V/C Ratio	0.032	0.006	-	-	-
HCM Control Delay (s)	11.2	8.3	0	-	-
HCM Lane LOS	B	A	A	-	-
HCM 95th %tile Q(veh)	0.1	0	-	-	-

								
Lane Group	SEL	SER	NEL	NET	SWT	SWR	ø2	ø4
Lane Configurations								
Volume (vph)	303	152	21	301	211	91		
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900		
Lane Width (ft)	12	12	12	12	12	12		
Grade (%)	0%			0%	0%			
Storage Length (ft)	0	0	0			0		
Storage Lanes	1	1	0			0		
Taper Length (ft)	25		25					
Lane Util. Factor	1.00	1.00	1.00	1.00	1.00	1.00		
Ped Bike Factor	0.98			1.00	0.99			
Frt		0.850			0.959			
Flt Protected	0.950			0.997				
Satd. Flow (prot)	1770	1583	0	1857	1770	0		
Flt Permitted	0.950			0.975				
Satd. Flow (perm)	1730	1583	0	1815	1770	0		
Right Turn on Red		Yes				Yes		
Satd. Flow (RTOR)		165			33			
Link Speed (mph)	30			30	30			
Link Distance (ft)	139			484	335			
Travel Time (s)	3.2			11.0	7.6			
Confl. Peds. (#/hr)	10	10	10			10		
Confl. Bikes (#/hr)								
Peak Hour Factor	0.92	0.92	0.93	0.93	0.96	0.96		
Growth Factor	100%	100%	100%	100%	100%	100%		
Heavy Vehicles (%)	2%	2%	2%	2%	2%	2%		
Bus Blockages (#/hr)	0	0	0	0	0	0		
Parking (#/hr)								
Mid-Block Traffic (%)	0%			0%	0%			
Adj. Flow (vph)	329	165	23	324	220	95		
Shared Lane Traffic (%)								
Lane Group Flow (vph)	329	165	0	347	315	0		
Turn Type	Prot	pt+ov	pm+pt	NA	NA			
Protected Phases	3	3 1	1	1 2	2 4		2	4
Permitted Phases			1 2					
Detector Phase	3	3 1	1	1 2	2 4			
Switch Phase								
Minimum Initial (s)	8.0		5.0				15.0	8.0
Minimum Split (s)	13.0		10.0				20.0	13.0
Total Split (s)	24.0		13.0				24.0	24.0
Total Split (%)	28.2%		15.3%				28%	28%
Yellow Time (s)	3.0		3.0				3.0	3.0
All-Red Time (s)	2.0		2.0				2.0	2.0
Lost Time Adjust (s)	0.0							
Total Lost Time (s)	5.0							
Lead/Lag	Lead		Lead				Lag	Lag
Lead-Lag Optimize?								
Recall Mode	None		None				None	None
Act Effct Green (s)	18.4	26.5		27.0	29.6			
Actuated g/C Ratio	0.24	0.35		0.35	0.39			









								
Lane Group	SEL	SER	NEL	NET	SWT	SWR	ø2	ø4
v/c Ratio	0.77	0.25		0.53	0.44			
Control Delay	41.2	2.7		21.4	7.7			
Queue Delay	3.5	0.0		0.0	0.0			
Total Delay	44.7	2.7		21.4	7.7			
LOS	D	A		C	A			
Approach Delay	30.7			21.4	7.7			
Approach LOS	C			C	A			
Queue Length 50th (ft)	143	0		113	25			
Queue Length 95th (ft)	#286	19		202	68			
Internal Link Dist (ft)	59			404	255			
Turn Bay Length (ft)								
Base Capacity (vph)	442	668		649	901			
Starvation Cap Reductn	0	0		0	0			
Spillback Cap Reductn	53	0		0	0			
Storage Cap Reductn	0	0		0	0			
Reduced v/c Ratio	0.85	0.25		0.53	0.35			










#### Intersection Summary







Area Type: Other  
 Cycle Length: 85  
 Actuated Cycle Length: 76.1  
 Natural Cycle: 70  
 Control Type: Actuated-Uncoordinated  
 Maximum v/c Ratio: 0.86  
 Intersection Signal Delay: 21.6  
 Intersection Capacity Utilization 58.2%  
 Analysis Period (min) 15  
 # 95th percentile volume exceeds capacity, queue may be longer.  
 Queue shown is maximum after two cycles.

Intersection LOS: C  
 ICU Level of Service B

#### Splits and Phases: 8: OLD POST ROAD & PLAYLAND A.D.

  ø1	  ø2	  ø3	  ø4
13 s	24 s	24 s	24 s









							ø1	ø3
Lane Group	SEL	SER	NEL	NET	SWT	SWR		
Lane Configurations								
Volume (vph)	47	139	526	78	163	112		
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900		
Lane Width (ft)	12	12	12	12	12	12		
Grade (%)	0%			0%	0%			
Storage Length (ft)	0	0	0			0		
Storage Lanes	1	0	0			0		
Taper Length (ft)	25		25					
Lane Util. Factor	1.00	1.00	1.00	1.00	1.00	1.00		
Ped Bike Factor	0.96			1.00	0.98			
Frt	0.899				0.945			
Flt Protected	0.987			0.958				
Satd. Flow (prot)	1601	0	0	1785	1730	0		
Flt Permitted	0.987			0.359				
Satd. Flow (perm)	1592	0	0	666	1730	0		
Right Turn on Red		Yes				Yes		
Satd. Flow (RTOR)	156				38			
Link Speed (mph)	30			30	30			
Link Distance (ft)	589			335	220			
Travel Time (s)	13.4			7.6	5.0			
Confl. Peds. (#/hr)	10	10	10			10		
Confl. Bikes (#/hr)								
Peak Hour Factor	0.89	0.89	0.89	0.89	0.89	0.89		
Growth Factor	100%	100%	100%	100%	100%	100%		
Heavy Vehicles (%)	2%	2%	2%	2%	2%	2%		
Bus Blockages (#/hr)	0	0	0	0	0	0		
Parking (#/hr)								
Mid-Block Traffic (%)	0%			0%	0%			
Adj. Flow (vph)	53	156	591	88	183	126		
Shared Lane Traffic (%)								
Lane Group Flow (vph)	209	0	0	679	309	0		
Turn Type	Prot		pm+pt	NA	NA			
Protected Phases	4		1 3	1 2 3	2		1	3
Permitted Phases			1 2 3					
Detector Phase	4		1 3	1 2 3	2			
Switch Phase								
Minimum Initial (s)	8.0				15.0		5.0	8.0
Minimum Split (s)	13.0				20.0		10.0	13.0
Total Split (s)	24.0				24.0		13.0	24.0
Total Split (%)	28.2%				28.2%		15%	28%
Yellow Time (s)	3.0				3.0		3.0	3.0
All-Red Time (s)	2.0				2.0		2.0	2.0
Lost Time Adjust (s)	0.0				0.0			
Total Lost Time (s)	5.0				5.0			
Lead/Lag	Lag				Lag		Lead	Lead
Lead-Lag Optimize?								
Recall Mode	None				None		None	None
Act Effct Green (s)	10.6			45.5	19.0			
Actuated g/C Ratio	0.14			0.60	0.25			

								
Lane Group	SEL	SER	NEL	NET	SWT	SWR	ø1	ø3
v/c Ratio	0.59			0.86	0.67			
Control Delay	16.7			21.0	31.7			
Queue Delay	0.0			0.0	0.0			
Total Delay	16.7			21.0	31.7			
LOS	B			C	C			
Approach Delay	16.7			21.0	31.7			
Approach LOS	B			C	C			
Queue Length 50th (ft)	23			82	115			
Queue Length 95th (ft)	82			#308	#230			
Internal Link Dist (ft)	509			255	140			
Turn Bay Length (ft)								
Base Capacity (vph)	517			800	460			
Starvation Cap Reductn	0			0	0			
Spillback Cap Reductn	0			0	0			
Storage Cap Reductn	0			0	0			
Reduced v/c Ratio	0.40			0.85	0.67			

#### Intersection Summary

Area Type: Other  
 Cycle Length: 85  
 Actuated Cycle Length: 76.1  
 Natural Cycle: 70  
 Control Type: Actuated-Uncoordinated  
 Maximum v/c Ratio: 0.86  
 Intersection Signal Delay: 23.0  
 Intersection Capacity Utilization 73.5%  
 Analysis Period (min) 15  
 # 95th percentile volume exceeds capacity, queue may be longer.  
 Queue shown is maximum after two cycles.

#### Splits and Phases: 9: OLD POST ROAD & NYS THRUWAY ACCESS DRIVE

 #8  #9 ø1	 #8  #9 ø2	 #8  #9 ø3	 #8  #9 ø4
13 s	24 s	24 s	24 s

Intersection











Int Delay, s/veh 0.5

Movement	SET	SER	NWL	NWT	NEL	NER
Vol, veh/h	434	12	9	88	7	12
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Free	Free	Free	Free	Stop	Stop
RT Channelized	-	None	-	None	-	None
Storage Length	-	-	-	-	0	-
Veh in Median Storage, #	0	-	-	0	0	-
Grade, %	0	-	-	0	0	-
Peak Hour Factor	96	96	96	96	96	96
Heavy Vehicles, %	2	2	2	2	2	2
Mvmt Flow	452	12	9	92	7	12







Major/Minor	Major1	Major2	Minor1
Conflicting Flow All	0	0	568
Stage 1	-	-	458
Stage 2	-	-	110
Critical Hdwy	-	4.14	6.63
Critical Hdwy Stg 1	-	-	5.83
Critical Hdwy Stg 2	-	-	5.43
Follow-up Hdwy	-	2.22	3.519
Pot Cap-1 Maneuver	-	1093	468
Stage 1	-	-	604
Stage 2	-	-	914
Platoon blocked, %	-	-	-
Mov Cap-1 Maneuver	-	1093	464
Mov Cap-2 Maneuver	-	-	464
Stage 1	-	-	604
Stage 2	-	-	906

Approach	SE	NW	NE
HCM Control Delay, s	0	0.8	11
HCM LOS			B

Minor Lane/Major Mvmt	NELn1	NWL	NWT	SET	SER
Capacity (veh/h)	620	1093	-	-	-
HCM Lane V/C Ratio	0.032	0.009	-	-	-
HCM Control Delay (s)	11	8.3	0	-	-
HCM Lane LOS	B	A	A	-	-
HCM 95th %tile Q(veh)	0.1	0	-	-	-

								
Lane Group	SEL	SER	NEL	NET	SWT	SWR	ø2	ø4
Lane Configurations								
Volume (vph)	334	112	13	195	122	84		
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900		
Lane Width (ft)	12	12	12	12	12	12		
Grade (%)	0%			0%	0%			
Storage Length (ft)	0	0	0			0		
Storage Lanes	1	1	0			0		
Taper Length (ft)	25		25					
Lane Util. Factor	1.00	1.00	1.00	1.00	1.00	1.00		
Ped Bike Factor	0.98			1.00	0.99			
Frt		0.850			0.945			
Flt Protected	0.950			0.997				
Satd. Flow (prot)	1770	1583	0	1857	1738	0		
Flt Permitted	0.950			0.985				
Satd. Flow (perm)	1730	1583	0	1834	1738	0		
Right Turn on Red		Yes				Yes		
Satd. Flow (RTOR)		127			52			
Link Speed (mph)	30			30	30			
Link Distance (ft)	139			484	335			
Travel Time (s)	3.2			11.0	7.6			
Confl. Peds. (#/hr)	10	10	10			10		
Confl. Bikes (#/hr)								
Peak Hour Factor	0.88	0.88	0.88	0.88	0.88	0.88		
Growth Factor	100%	100%	100%	100%	100%	100%		
Heavy Vehicles (%)	2%	2%	2%	2%	2%	2%		
Bus Blockages (#/hr)	0	0	0	0	0	0		
Parking (#/hr)								
Mid-Block Traffic (%)	0%			0%	0%			
Adj. Flow (vph)	380	127	15	222	139	95		
Shared Lane Traffic (%)								
Lane Group Flow (vph)	380	127	0	237	234	0		
Turn Type	Prot	pt+ov	pm+pt	NA	NA			
Protected Phases	3	3 1	1	1 2	2 4		2	4
Permitted Phases			1 2					
Detector Phase	3	3 1	1	1 2	2 4			
Switch Phase								
Minimum Initial (s)	8.0		5.0				15.0	8.0
Minimum Split (s)	13.0		10.0				20.0	13.0
Total Split (s)	24.0		13.0				24.0	24.0
Total Split (%)	28.2%		15.3%				28%	28%
Yellow Time (s)	3.0		3.0				3.0	3.0
All-Red Time (s)	2.0		2.0				2.0	2.0
Lost Time Adjust (s)	0.0							
Total Lost Time (s)	5.0							
Lead/Lag	Lead		Lead				Lag	Lag
Lead-Lag Optimize?								
Recall Mode	None		None				None	None
Act Effct Green (s)	18.7	26.7		27.0	27.8			
Actuated g/C Ratio	0.25	0.36		0.36	0.37			



								
Lane Group	SEL	SER	NEL	NET	SWT	SWR	ø2	ø4
v/c Ratio	0.86	0.20		0.36	0.34			
Control Delay	47.5	2.6		16.6	6.7			
Queue Delay	0.0	0.0		0.0	0.0			
Total Delay	47.5	2.6		16.6	6.7			
LOS	D	A		B	A			
Approach Delay	36.3			16.6	6.7			
Approach LOS	D			B	A			
Queue Length 50th (ft)	165	0		68	10			
Queue Length 95th (ft)	#313	17		121	m49			
Internal Link Dist (ft)	59			404	255			
Turn Bay Length (ft)								
Base Capacity (vph)	451	654		666	911			
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	0.84	0.19		0.36	0.26			

#### Intersection Summary

Area Type: Other

Cycle Length: 85

Actuated Cycle Length: 74.5

Natural Cycle: 60

Control Type: Actuated-Uncoordinated

Maximum v/c Ratio: 0.86

Intersection Signal Delay: 24.4

Intersection LOS: C

Intersection Capacity Utilization 47.8%

ICU Level of Service A

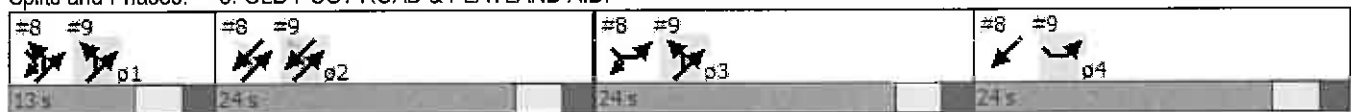
Analysis Period (min) 15










# 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: OLD POST ROAD & PLAYLAND A.D.











								
Lane Group	SEL	SER	NEL	NET	SWT	SWR	ø1	ø3
Lane Configurations								
Volume (vph)	33	54	422	107	152	134		
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900		
Lane Width (ft)	12	12	12	12	12	12		
Grade (%)	0%			0%	0%			
Storage Length (ft)	0	0	0			0		
Storage Lanes	1	0	0			0		
Taper Length (ft)	25		25					
Lane Util. Factor	1.00	1.00	1.00	1.00	1.00	1.00		
Ped Bike Factor	0.97			1.00	0.98			
Frt	0.916				0.937			
Flt Protected	0.981			0.962				
Satd. Flow (prot)	1630	0	0	1792	1711	0		
Flt Permitted	0.981			0.349				
Satd. Flow (perm)	1616	0	0	647	1711	0		
Right Turn on Red		Yes				Yes		
Satd. Flow (RTOR)	62				48			
Link Speed (mph)	30			30	30			
Link Distance (ft)	589			335	220			
Travel Time (s)	13.4			7.6	5.0			
Confl. Peds. (#/hr)	10	10	10			10		
Confl. Bikes (#/hr)								
Peak Hour Factor	0.87	0.87	0.87	0.87	0.87	0.87		
Growth Factor	100%	100%	100%	100%	100%	100%		
Heavy Vehicles (%)	2%	2%	2%	2%	2%	2%		
Bus Blockages (#/hr)	0	0	0	0	0	0		
Parking (#/hr)								
Mid-Block Traffic (%)	0%			0%	0%			
Adj. Flow (vph)	38	62	485	123	175	154		
Shared Lane Traffic (%)								
Lane Group Flow (vph)	100	0	0	608	329	0		
Turn Type	Prot		pm+pt	NA	NA			
Protected Phases	4		1 3	1 2 3	2		1	3
Permitted Phases			1 2 3					
Detector Phase	4		1 3	1 2 3	2			
Switch Phase								
Minimum Initial (s)	8.0				15.0		5.0	8.0
Minimum Split (s)	13.0				20.0		10.0	13.0
Total Split (s)	24.0				24.0		13.0	24.0
Total Split (%)	28.2%				28.2%		15%	28%
Yellow Time (s)	3.0				3.0		3.0	3.0
All-Red Time (s)	2.0				2.0		2.0	2.0
Lost Time Adjust (s)	0.0				0.0			
Total Lost Time (s)	5.0				5.0			
Lead/Lag	Lag				Lag		Lead	Lead
Lead-Lag Optimize?								
Recall Mode	None				None		None	None
Act Effct Green (s)	8.8			45.7	19.0			
Actuated g/C Ratio	0.12			0.61	0.26			

								
Lane Group	SEL	SER	NEL	NET	SWT	SWR	ø1	ø3
v/c Ratio	0.40			0.75	0.70			
Control Delay	19.6			13.4	31.0			
Queue Delay	0.0			0.0	0.0			
Total Delay	19.6			13.4	31.0			
LOS	B			B	C			
Approach Delay	19.6			13.4	31.0			
Approach LOS	B			B	C			
Queue Length 50th (ft)	16			56	116			
Queue Length 95th (ft)	55			m108	#208			
Internal Link Dist (ft)	509			255	140			
Turn Bay Length (ft)								
Base Capacity (vph)	461			814	471			
Starvation Cap Reductn	0			0	0			
Spillback Cap Reductn	0			0	0			
Storage Cap Reductn	0			0	0			
Reduced v/c Ratio	0.22			0.75	0.70			

#### Intersection Summary

Area Type: Other  
 Cycle Length: 85  
 Actuated Cycle Length: 74.5  
 Natural Cycle: 60  
 Control Type: Actuated-Uncoordinated  
 Maximum v/c Ratio: 0.86  
 Intersection Signal Delay: 19.6  
 Intersection Capacity Utilization 64.8%  
 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: 9: OLD POST ROAD & NYS THRUWAY ACCESS DRIVE

#8	#9	#8	#9	#8	#9	#8	#9
							
ø1		ø2		ø3		ø4	
13 s		24 s		24 s		24 s	

## SCENARIO 6

Intersection











Int Delay, s/veh 0.4







Movement	SET	SER	NWL	NWT	NEL	NER
Vol, veh/h	444	6	6	106	8	11
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Free	Free	Free	Free	Stop	Stop
RT Channelized	-	None	-	None	-	None
Storage Length	-	-	-	-	0	-
Veh in Median Storage, #	0	-	-	0	0	-
Grade, %	0	-	-	0	0	-
Peak Hour Factor	98	98	98	98	98	98
Heavy Vehicles, %	2	2	2	2	2	2
Mvmt Flow	453	6	6	108	8	11

Major/Minor	Major1		Major2		Minor1	
Conflicting Flow All	0	0	459	0	576	230
Stage 1	-	-	-	-	456	-
Stage 2	-	-	-	-	120	-
Critical Hdwy	-	-	4.14	-	6.63	6.93
Critical Hdwy Stg 1	-	-	-	-	5.83	-
Critical Hdwy Stg 2	-	-	-	-	5.43	-
Follow-up Hdwy	-	-	2.22	-	3.519	3.319
Pot Cap-1 Maneuver	-	-	1098	-	463	773
Stage 1	-	-	-	-	606	-
Stage 2	-	-	-	-	905	-
Platoon blocked, %	-	-	-	-	-	-
Mov Cap-1 Maneuver	-	-	1098	-	460	773
Mov Cap-2 Maneuver	-	-	-	-	460	-
Stage 1	-	-	-	-	606	-
Stage 2	-	-	-	-	900	-

Approach	SE	NW	NE
HCM Control Delay, s	0	0.4	11.2
HCM LOS			B

Minor Lane/Major Mvmt	NELn1	NWL	NWT	SET	SER
Capacity (veh/h)	601	1098	-	-	-
HCM Lane V/C Ratio	0.032	0.006	-	-	-
HCM Control Delay (s)	11.2	8.3	0	-	-
HCM Lane LOS	B	A	A	-	-
HCM 95th %tile Q(veh)	0.1	0	-	-	-

						
Lane Group	SEL	SER	NEL	NET	SWT	SWR
Lane Configurations						
Volume (vph)	303	152	21	301	211	91
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900
Lane Width (ft)	12	12	12	12	12	12
Grade (%)	0%			0%	0%	
Storage Length (ft)	0	0	0			0
Storage Lanes	1	1	0			0
Taper Length (ft)	25		25			
Lane Util. Factor	1.00	1.00	1.00	1.00	1.00	1.00
Ped Bike Factor	0.98			1.00	0.99	
Frt		0.850			0.959	
Flt Protected	0.950			0.997		
Satd. Flow (prot)	1770	1583	0	1857	1766	0
Flt Permitted	0.950			0.981		
Satd. Flow (perm)	1742	1583	0	1827	1766	0
Right Turn on Red		Yes				Yes
Satd. Flow (RTOR)		165			36	
Link Speed (mph)	30			30	30	
Link Distance (ft)	139			484	335	
Travel Time (s)	3.2			11.0	7.6	
Confl. Peds. (#/hr)	10	10	10			10
Confl. Bikes (#/hr)						
Peak Hour Factor	0.92	0.92	0.93	0.93	0.96	0.96
Growth Factor	100%	100%	100%	100%	100%	100%
Heavy Vehicles (%)	2%	2%	2%	2%	2%	2%
Bus Blockages (#/hr)	0	0	0	0	0	0
Parking (#/hr)						
Mid-Block Traffic (%)	0%			0%	0%	
Adj. Flow (vph)	329	165	23	324	220	95
Shared Lane Traffic (%)						
Lane Group Flow (vph)	329	165	0	347	315	0
Turn Type	Prot	pt+ov	pm+pt	NA	NA	
Protected Phases	3	3 1	1	1 2	2	
Permitted Phases			1 2			
Detector Phase	3	3 1	1	1 2	2	
Switch Phase						
Minimum Initial (s)	8.0		5.0		15.0	
Minimum Split (s)	13.0		10.0		20.0	
Total Split (s)	24.0		14.0		22.0	
Total Split (%)	40.0%		23.3%		36.7%	
Yellow Time (s)	3.0		3.0		3.0	
All-Red Time (s)	2.0		2.0		2.0	
Lost Time Adjust (s)	0.0				0.0	
Total Lost Time (s)	5.0				5.0	
Lead/Lag			Lead		Lag	
Lead-Lag Optimize?						
Recall Mode	None		None		None	
Act Effct Green (s)	13.4	26.5		23.9	15.9	
Actuated g/C Ratio	0.26	0.50		0.46	0.30	

						
Lane Group	SEL	SER	NEL	NET	SWT	SWR
v/c Ratio	0.73	0.19		0.41	0.56	
Control Delay	28.4	2.0		9.6	19.4	
Queue Delay	0.0	0.0		0.0	0.0	
Total Delay	28.4	2.0		9.6	19.4	
LOS	C	A		A	B	
Approach Delay	19.6			9.6	19.4	
Approach LOS	B			A	B	
Queue Length 50th (ft)	93	0		52	73	
Queue Length 95th (ft)	171	21		117	158	
Internal Link Dist (ft)	59			404	255	
Turn Bay Length (ft)						
Base Capacity (vph)	649	895		922	603	
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	0.51	0.18		0.38	0.52	

#### Intersection Summary

Area Type: Other

Cycle Length: 60

Actuated Cycle Length: 52.5

Natural Cycle: 50

Control Type: Actuated-Uncoordinated

Maximum v/c Ratio: 0.73

Intersection Signal Delay: 16.5

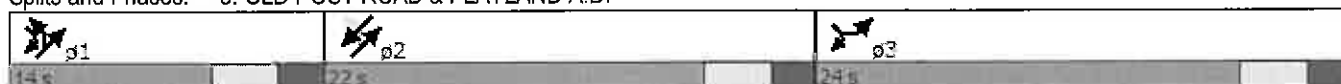
Intersection LOS: B

Intersection Capacity Utilization 58.2%

ICU Level of Service B

Analysis Period (min) 15

Splits and Phases: 8: OLD POST ROAD & PLAYLAND A.D.



Intersection

Int Delay, s/veh 0.5











Movement	SET	SER	NWL	NWT	NEL	NER
Vol, veh/h	434	12	9	88	7	12
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Free	Free	Free	Free	Stop	Stop
RT Channelized	-	None	-	None	-	None
Storage Length	-	-	-	-	0	-
Veh in Median Storage, #	0	-	-	0	0	-
Grade, %	0	-	-	0	0	-
Peak Hour Factor	96	96	96	96	96	96
Heavy Vehicles, %	2	2	2	2	2	2
Mvmt Flow	452	12	9	92	7	12







Major/Minor	Major1		Major2		Minor1	
Conflicting Flow All	0	0	465	0	568	232
Stage 1	-	-	-	-	458	-
Stage 2	-	-	-	-	110	-
Critical Hdwy	-	-	4.14	-	6.63	6.93
Critical Hdwy Stg 1	-	-	-	-	5.83	-
Critical Hdwy Stg 2	-	-	-	-	5.43	-
Follow-up Hdwy	-	-	2.22	-	3.519	3.319
Pot Cap-1 Maneuver	-	-	1093	-	468	771
Stage 1	-	-	-	-	604	-
Stage 2	-	-	-	-	914	-
Platoon blocked, %	-	-	-	-	-	-
Mov Cap-1 Maneuver	-	-	1093	-	464	771
Mov Cap-2 Maneuver	-	-	-	-	464	-
Stage 1	-	-	-	-	604	-
Stage 2	-	-	-	-	906	-

Approach	SE	NW	NE
HCM Control Delay, s	0	0.8	11
HCM LOS			B

Minor Lane/Major Mvmt	NELn1	NWL	NWT	SET	SER
Capacity (veh/h)	620	1093	-	-	-
HCM Lane V/C Ratio	0.032	0.009	-	-	-
HCM Control Delay (s)	11	8.3	0	-	-
HCM Lane LOS	B	A	A	-	-
HCM 95th %tile Q(veh)	0.1	0	-	-	-



						
Lane Group	SEL	SER	NEL	NET	SWT	SWR
Lane Configurations						
Volume (vph)	334	112	13	133	122	84
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900
Lane Width (ft)	12	12	12	12	12	12
Grade (%)	0%			0%	0%	
Storage Length (ft)	0	0	0			0
Storage Lanes	1	1	0			0
Taper Length (ft)	25		25			
Lane Util. Factor	1.00	1.00	1.00	1.00	1.00	1.00
Ped Bike Factor						
Frt		0.850			0.945	
Flt Protected	0.950			0.996		
Satd. Flow (prot)	1770	1583	0	1855	1760	0
Flt Permitted	0.950			0.977		
Satd. Flow (perm)	1770	1583	0	1820	1760	0
Right Turn on Red		Yes				Yes
Satd. Flow (RTOR)		127			62	
Link Speed (mph)	30			30	30	
Link Distance (ft)	139			484	335	
Travel Time (s)	3.2			11.0	7.6	
Confl. Peds. (#/hr)						
Confl. Bikes (#/hr)						
Peak Hour Factor	0.88	0.88	0.88	0.88	0.88	0.88
Growth Factor	100%	100%	100%	100%	100%	100%
Heavy Vehicles (%)	2%	2%	2%	2%	2%	2%
Bus Blockages (#/hr)	0	0	0	0	0	0
Parking (#/hr)						
Mid-Block Traffic (%)	0%			0%	0%	
Adj. Flow (vph)	380	127	15	151	139	95
Shared Lane Traffic (%)						
Lane Group Flow (vph)	380	127	0	166	234	0
Turn Type	Prot	pt+ov	pm+pt	NA	NA	
Protected Phases	3	3 1	1	1 2	2	
Permitted Phases			1 2			
Detector Phase	3	3 1	1	1 2	2	
Switch Phase						
Minimum Initial (s)	4.0		4.0		4.0	
Minimum Split (s)	20.0		8.0		20.0	
Total Split (s)	27.0		9.0		24.0	
Total Split (%)	45.0%		15.0%		40.0%	
Yellow Time (s)	3.5		3.5		3.5	
All-Red Time (s)	0.5		0.5		0.5	
Lost Time Adjust (s)	0.0				0.0	
Total Lost Time (s)	4.0				4.0	
Lead/Lag			Lead		Lag	
Lead-Lag Optimize?			Yes		Yes	
Recall Mode	Min		None		Min	
Act Effct Green (s)	14.6	24.5		13.9	10.2	
Actuated g/C Ratio	0.36	0.61		0.34	0.25	




						
Lane Group	SEL	SER	NEL	NET	SWT	SWR
v/c Ratio	0.59	0.13		0.26	0.47	
Control Delay	15.9	1.7		9.5	14.5	
Queue Delay	0.0	0.0		0.0	0.0	
Total Delay	15.9	1.7		9.5	14.5	
LOS	B	A		A	B	
Approach Delay	12.3			9.5	14.5	
Approach LOS	B			A	B	
Queue Length 50th (ft)	69	0		20	33	
Queue Length 95th (ft)	157	16		61	94	
Internal Link Dist (ft)	59			404	255	
Turn Bay Length (ft)						
Base Capacity (vph)	1103	1103		1166	989	
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	0.34	0.12		0.14	0.24	

#### Intersection Summary

Area Type: Other  
 Cycle Length: 60  
 Actuated Cycle Length: 40.3  
 Natural Cycle: 50  
 Control Type: Actuated-Uncoordinated  
 Maximum v/c Ratio: 0.59  
 Intersection Signal Delay: 12.4  
 Intersection Capacity Utilization 43.0%  
 Analysis Period (min) 15

Intersection LOS: B  
 ICU Level of Service A

#### Splits and Phases: 8: OLD POST ROAD & PLAYLAND A.D.

 p1	 p2	 p3
9 s	24 s	27 s

JONATHAN D. KRAUT

DIRECT TEL.: 914-701-0800  
MAIN FAX: 914-701-0808  
[JKRAUT@HKPLAW.COM](mailto:JKRAUT@HKPLAW.COM)

July 30, 2015  
***VIA HAND DELIVERY***

Mayor Joseph Sack and  
Members of the City Council  
1051 Boston Post Road  
Rye, New York 10580

Re: ***Re-zoning of 120 Old Post Road***

Dear Mayor Sack and Members of the City Council:

As you know, we represent Old Post Road Associates, LLC (the "Petitioner"), in connection with a Petition for Zone Change, Zoning Map Amendment and Amendment to City of Rye Zoning Ordinance (the "Petition") for the above referenced property (the "Subject Property"). We respectfully enclose supplemental materials and information for your review and consideration concerning the Petition as requested at the last City Council meeting.

At the last City Council meeting there were various recommendations of the Planning Commission that were discussed. Attached hereto as Exhibit 1 is a revised version of the Proposed Text Amendments to Chapter 197 reflecting some of those suggested revisions. The changes to the Proposed Text Amendments are as follows:

- §197-8.1.B(4) – included a minimum landscaping buffer of 10 feet on the perimeter of the site
- §197-8.1.B(5) – included a maximum building coverage of thirty-five percent (35%)
- §197-28 – revised the parking requirements to provide a minimum of 1.5 spaces per dwelling unit
- §197-30.E – included a provision allowing for tandem parking for multiple spaces reserved to a single dwelling unit
- Table 2 – revised to include a minimum 50 foot setback for the shortest side yard and rear yard

We have also met with the City Planner and City Engineer to review potential traffic circulation improvements within the immediate vicinity of the Subject Property. While our review of these issues is ongoing, the Petitioner's traffic engineer anticipates being able to present at your upcoming meeting the potential benefits and impacts of the following concepts:

- The introduction of a right-turn only lane on Playland Access Drive onto Old Post Road immediately adjacent to and in front of the Subject Property;
- The utilization of the "emergency access" driveway from the Subject Property onto Old Post Road; and
- The creation of a left-turn onto Playland Parkway from the access ramp heading northbound on Boston Post Road which currently only permits eastbound access onto Playland Parkway and the diversion of traffic destined for I-95 to this entrance and off Old Post Road by way of new signage on northbound Boston Post Road.

At the last Council meeting there was also a question raised by a member of the public considering other alternative uses of the Subject Property and a potential subdivision with conventional single-family homes. If the Council were to consider re-zoning the Subject Property to a single-family zoning district the most logical zone would be the R-2 District which abuts the Subject Property to the south and east. The R-2 zoning district requires a minimum lot size of ½ acre; therefore, under a subdivision of the Subject Property there could potentially be 14 new single family residences. The Petitioner has not analyzed the impacts of such development as that is not the Petitioner's desired objective in the instant Petition and we do not believe the Council would find such a use desirable. We believe the contemplated use for multi-family age restricted housing is a more appropriate transition between the single-family residential development to the east to the office use to the west and multi-family / assisted living use of the Osborn to the south.

Finally, as requested by the City Council, the Petitioner has engaged a site contractor and geotechnical engineer to perform some preliminary subsurface investigations in order to understand the extent of the anticipated rock removal in order to construct the project. We do not yet have test results but will continue to provide that information to your Council upon completion of the testing.

HKP

We look forward to presenting this information to the City Council and addressing any comments or questions of the Council or the public. Thank you for your attention to this matter.

Very Truly Yours,

HARFENIST KRAUT & PERLSTEIN LLP

By: Jonathan D. Kraut/lp  
Jonathan D. Kraut

# PROPOSED TEXT AMENDMENTS TO CHAPTER 197 OF RYE CITY CODE

## § 197-2 Districts

RA-6 Active Senior Residence District – Minimum area per family 2,000 square feet

## § 197-8.1 Active Senior Residence District Regulations

### A. Limitations on Occupancy.

- (1) The occupancy of residential units within the Active Senior Residence Zone shall be limited to:
  - a) A single person 55 years of age or older;
  - b) Two or three persons, all of whom are 55 years of age or older;
  - c) A married couple, live-in companion, or partner, one of which is 55 years of age or older;
  - d) The surviving spouse of a person 55 years of age or older, provided that the surviving spouse was duly registered as a resident of the development at the time of the elderly person's death;
  - e) One adult 18 years of age or older residing with a person who is 55 years of age or older, provided that said adult is essential to the long-term care of the elderly person as certified by a physician duly licensed in New York State
- (2) Persons under the age of 55 not specifically permitted to be occupants shall not be permitted to be permanent residents of dwelling units. For the purposes of this section, a "permanent resident" shall mean any person who resides within the dwelling for more than three consecutive weeks or in excess of 30 days in any calendar year, or has listed the residence as an abode for any purpose whatsoever, including, but not limited to, enrollment in public or private schools. Temporary occupancy by guests of families shall be permitted, provided that such occupancy does not exceed a total of 30 days in any calendar year.
- (3) Notwithstanding the foregoing, one dwelling unit within the community may be set aside to be occupied by a superintendent or building manager, to which the limitations on occupancy set forth above shall not apply.
- (4) The limitations on occupancy shall be included in the marketing materials for the development as well as within the rules and regulations or terms of any



leases, by-laws or covenants and restrictions for the development. Violations of the limitations on occupancy shall be enforceable by the City of Rye Building Inspector against the owner or lessee or the agent of any of them and shall be punishable by a fine of \$250 per day or by imprisonment not exceeding 15 days, or by both such fine and imprisonment. Exceptions to these regulations shall be granted if any limitations are determined to be in violation of any State or Federal law.

- (5) The Planning Commission shall have the right to require that the owner execute agreements and covenants as it may deem to be required during any site plan approval process as it may reasonably deem to be required to ensure compliance with the stated intent of this section. Said agreements or covenants shall be recorded in the office of the Westchester County Clerk and constitute a covenant running with the land. Such covenant or agreement may be modified or released only as set forth in said covenant or agreement or by the City Council.

#### B. Site Development

- (1) At least eighty percent (80%) of the required parking for the development shall be provided in a covered parking structure within the basement level of the principal structure(s).
- (2) For any corner lot abutting Boston Post Road or Old Post Road, the front lot line of the lot shall be Boston Post Road or Old Post Road for purposes of the applicable front yard setback irrespective of building arrangement. The provisions of § 197-52 shall not apply to properties in the RA-6 zone.
- (3) The provisions of § 197-8.A & C shall not apply to properties in the RA-6 zone.
- (4) A landscaping buffer a minimum of ten (10) feet wide shall be required to be provided around the perimeter of the site.
- (5) A maximum building coverage of thirty-five percent (35%) shall be permitted.

## **§ 197-28 Schedule of Off-Street Parking Requirements**

- A. Schedule of parking requirements. Off-street automobile parking facilities shall be provided as follows:

<b>Number of Spaces per Unit (by Parking District)</b>				
<b>Use</b>	<b>A</b>	<b>B</b>	<b>C</b>	<b>Unit of Measurement and Conditions</b>
Apartments for active seniors located in RA-6 Districts	1.5	1.5	1.5	Dwelling unit

## **§ 197-30 Layout and Location of Off-Street Parking Facilities**

- D. In RA-1, RA-2, RA-3, RA-4, RA-5 and RA-6 Districts, no off-street parking facility accessory to apartments or office buildings shall be developed within five feet of any lot line. Required off-street parking facilities accessory to other main uses shall conform to the provisions of Subsection C above.
- E. Subject to the discretion of the Planning Commission during site plan review, in the RA-6 District tandem parking arrangements may be utilized for multiple spaces reserved to a single dwelling unit.

## **§ 197-44 Minimum Residential Floor Area**

- E. For dwelling units in apartments or other buildings containing three or more dwelling units in an RA-6 District, the minimum amount of residential floor area in each unit shall be 750 square feet for one bedroom units, 900 square feet for two bedroom units and 1,100 square feet for three bedroom units. Additionally, three-bedroom units must be equipped with at least 1 ½ bathrooms.



**§ 197-86 Tables of Regulations**

**TABLE OF REGULATIONS: TABLE A  
RESIDENCE DISTRICTS – USE REGULATIONS**

**Column 1  
Permitted Main Uses**

RA-6 Districts

- (1) Apartments for active seniors. A detached residence for three or more families or housekeeping units, or a group of buildings housing three or more families on one lot, subject to the requirements of § 197-7 and § 197-8.1.

**TABLE OF REGULATIONS: TABLE A  
RESIDENCE DISTRICTS – USE REGULATIONS**

**Column 2  
Uses Permitted Subject to Additional  
Standards and Requirements  
(Subject to the requirements and provisions of §197-10)**

RA-6 Districts

(Reserved)

**TABLE OF REGULATIONS: TABLE A  
RESIDENCE DISTRICTS – USE REGULATIONS**

**Column 3  
Permitted Accessory Uses  
(Subject to the requirements and provisions of §197-9)**

RA-6 Districts

- (1) Off-street parking facilities, subject to the requirements and provisions of § 197-8.1.
- (2) Other accessory uses or structures customarily incidental to any permitted main use, including active and passive recreational facilities (i.e. fitness center, pool, library, media room, storage areas, etc.) for the use of the residents of the principle structure. Outside storage on land of boats and boat trailers is prohibited.

- (3) The filming of movies, commercials, documentaries, serials, shows, performances or other similar events and activities, including still photography, as regulated in RA-4 Districts.

Table No. 2. Existing and Proposed Multi-Family Zoning Districts & Bulk Regulations

4		5	6	7	8	9	10	11	12	13	14	15	16
District	Use	Maximum Ratio of Floor Area to Lot Area <sup>(i)</sup>	Minimum Size of Lot (AC or SF) per a. Family or Equiv. <sup>(a)</sup> or b. Nonresidential Use	Minimum Width (feet) [See § 197-36]	Minimum Yard Dimensions (feet)				Specified Distance (feet) as required in Column 2 (Uses)	Maximum Height		One-Story Accessory Structures	
					Front <sup>(b)</sup>	One Side <sup>(b)(c)</sup>	Total of Two Side Yards	Rear <sup>(b)</sup>		(stories)	(feet)	Maximum Coverage of Required Rear Yard	Minimum Distance to Side Line (feet)
RA-1	Single-family house	0.40	5,000	50	25	8	20	30	40	2.5	35	30%	5
	Two-family house	0.40	5,000	60	25	8	20	30	--	2.5	35	30%	5
	Apartment house	0.40	5,000 <sup>(c)</sup>	100	70	50	100	50	--	2.5	35	30%	10
RA-2	Single-family house	0.45	5,000	50	25	8	20	50	30	2.5	35	30%	5
	Two-family house	0.45	3,500	60	25	8	20	50	--	2.5	35	30%	5
	Apartment house	0.45	3,500 <sup>(c)</sup>	100	25	20	50	40	--	2.5	35	30%	10
RA-3	Single-family house	0.50	5,000	50	25	8	20	30	20	2.5	35	35%	5
	Two-family house	0.50	3,000	60	25	8	20	30	--	2.5	35	35%	5
	Apartment house	0.50	2,500 <sup>(c)</sup>	80	25	20	40	40	--	2.5	40	35%	10
RA-4	Single-family house	0.50	5,000	50	25	8	20	30	--	2.5	35	35%	5
	Two-family house	0.50	3,000	60	25	8	20	30	--	2.5	35	35%	5
	Apartment house	0.50	2,500 <sup>(c)</sup>	80	25	20 <sup>(d)</sup>	40 <sup>(d)</sup>	40 <sup>(d)</sup>	--	2.5 <sup>(f)</sup>	35 <sup>(f)</sup>	35%	10
RA-5	Apartments for senior citizens and handicapped persons	1.00	1 AC	80	25		40	40	--	4	50	35%	10
RA-6	Apartments for active senior citizens	0.8	2,000	400	100	50	100	50	--	4	45	35%	10

(a) Equivalent to one (1) family in computing minimum lot sizes:

[1] Hotels and lodging houses, each two (2) guest sleeping rooms.

[2] Hospitals and similar institutions, each two (2) hospital beds.

[3] Medical offices, each two (2) doctors plus three (3) other employees.

[4] Other nonresidential main uses not specifically provided for in this Table of Regulations or elsewhere in Chapter 197, each one thousand five hundred (1,500) square feet of floor space

(b) [1] Wherever a required yard abuts a street less than fifty (50) feet in width, the minimum yard dimension(s) shall be measured from a line of twenty-five (25) feet from parallel to the center line of said street.

[2] No building shall be nearer than one hundred (100) feet to center line of Post Road between Mamaroneck town line and Central Avenue.

(c) For corner lots, corner side yards at least one fifth (1/5) of the lot width at the location of the building, but need not be more than front yard minimum, except as provided in § 197-62. Permitted nonresidential main uses shall have minimum side yard one and one half (1 1/2) times width specified for a single-family house (See § 197-52).

(d) Twenty-five (25) feet for any side yard containing a driveway serving more than six (6) parking spaces. For a one-, two-, or three-family structure existing on effective date of Chapter 197 (August 9, 1956) and proposed for conversion for up to four (4) families, the Board of Appeals may reduce side yard requirement to eight (8) feet. For side yard requirements for other apartments, see See § 197-54. For spacing between buildings on the same lot, see § 197-70. For the rear and side yards of apartment houses adjoining the right-of-way of a railroad, a parkway or a limited access highway, see § 197-64.

(e) For usable open space requirement, see § 197-68

(f) For buildings in variable height apartment groups (a use permitted in RA-4 Districts subject to additional standards and requirements), see § 197-13.

[g,h,i omitted]

(j) See § 197-43.1 for floor area ratio reductions for single-family residences on oversized properties in one-family districts.

Robert P. Astorino  
County Executive

County Planning Board

June 29, 2015

Christian K. Miller, City Planner  
Rye City Planning Department  
1051 Boston Post Road  
Rye, NY 10580

**Subject: Referral File No. RYC 15 – 001 – Old Post Road Associates, LLC  
Petition for Zoning Text and Map Amendments**

Dear Mr. Miller:

The Westchester County Planning Board has received a copy of a petition to amend the text of the City's Zoning Ordinance and to amend the City's Zoning Map so as to allow the redevelopment of an existing office site with a new age-restricted (age 55 and over) apartment building containing 135 one- and two-bedroom units and parking for 240 vehicles.

The 7.0-acre site is located at 120 Old Post Road (County Road 73) with additional frontage along the Playland Parkway Access Drive (County Road 147). The site is currently zoned B-4 and is developed with an office building, described as underutilized. The applicants are petitioning the City to create a new RA-6 Active Senior Residence District and to rezone the subject site to RA-6. If successful, the applicant would then seek site plan approval to develop the proposed apartment building under the new zoning. The site was previously proposed for redevelopment with a hotel.

Because the referred material does not include a site plan, we reserve comment on the potential development under the provisions of Section 239 L, M and N of the General Municipal Law and Section 277.61 of the County Administrative Code until plans are prepared and referred. We are able to offer the following preliminary comments:

**1. Affirmatively further fair housing.** The proposed zoning text amendment does not include provisions that would affirmatively further fair housing (AFFH) in the new RA-6 district. We recommend that this be added to ensure that no less than 10% of the total number of units developed would be set aside as affordable AFFH units. We also recommend that the affordable AFFH units be made available to people of all ages.

We note that the City of Rye has not adopted the County's *Model Ordinance Provisions* with respect to affordable AFFH. We encourage the City adopt these provisions to ensure that affordable AFFH units are constructed city-wide as part of all proposed developments.

**2. Occupancy restrictions.** The proposed RA-6 district regulations contain occupancy restrictions that go beyond the usual requirement that one resident in each housing unit be 55 years of age or older. The proposed regulations specify that all persons living in a dwelling unit be 55 years of age or older unless they are married to or are a “live-in companion, or partner” of someone who is 55 or older. Further, the proposed regulations state that any other resident younger than 55 must be at least 18 years of age and have a certification from a physician stating that “said adult is essential to the long-term care of the elderly person.” The proposed zoning text also establishes fines and jail time for persons who violate these occupancy rules.

We suggest that the City exercise caution in adopting regulations that are more restrictive than those typically used for senior housing developments. We are unaware of any zoning regulations in place in the county that have restrictions and penalties similar to what is proposed by this applicant.

**3. County road.** Old Post Road (CR 73) and the Playland Parkway Access Drive (CR 147) are County roads. Because the site contains frontage on each of these roads, approval for work related to or with an impact on these roads will be required from the Westchester County Department of Public Works and Transportation (WCDPW&T) under Section 239 F of the General Municipal Law. Pertinent drainage, utility, erosion control and curb cut details need to be provided at the time of Section 239 F submittal. All driveways must be designed in accordance with current County, State and AASHTO standards.

Please note that WCDPW&T must be listed as an Involved Agency pursuant to SEQR.

Thank you for calling this matter to our attention.

Respectfully,  
WESTCHESTER COUNTY PLANNING BOARD

For:

By:



Edward Buroughs, AICP  
Commissioner

EEB/LH

cc: Michael Dispenza, Contract Administrator, County Department of Public Works and Transportation  
Kevin Roseman, Traffic Engineer, County Department of Public Works and Transportation

Nick Everett, Chairman  
Martha Monserrate, Vice Chair  
Andy Ball  
Laura Brett  
Barbara Cummings  
Hugh Greechan  
Alfred Vitiello



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## **CITY OF RYE**

### **Planning Commission**

#### **Memorandum**

---

To: Rye City Council

From: Rye City Planning Commission

Date: May 5, 2015

Subject: **Advisory Recommendation Regarding a Petition from Old Post Road Associates, LLC to amend the City Zoning Code and Zoning Map to Change the Zoning Designation of a property at 120 Old Post Road from the B-4, Office Building, District to a New RA-6, Active Senior Residence, District.**

As requested, this memorandum provides a recommendation to the Rye City Council regarding the above-referenced matter.

#### **Background**

Last fall the applicant submitted to the City Council a petition to change the zoning district of a 7-acre property currently zoned B-4, *Office Building*, District at 120 Old Post Road to a new RA-6, *Active Senior Residence*, District. The petitioner submitted the zoning request in order to advance the construction of a 135-unit age restricted multi-family community. Consistent with City practice, the petition was referred to the Planning Commission for its advisory recommendation. The City Council also declared its intent to be Lead Agency for the environmental review of the application.

At five public meetings since February the Planning Commission has reviewed the petitioner's request and requested supplemental information. All information submitted to the Commission will be repacked into one complete submission to the City Council upon receipt of this memorandum. This memorandum was unanimously adopted by the Planning Commission at its May 5, 2015 meeting.

## **Existing Permitted and Proposed Uses**

The Commission supports the proposed age-restricted multi-family use based on current and anticipated office market trends, land use compatibility considerations and the balance of potential positive and negative impacts

### *Market Trends*

The market analysis provided by the petitioner appears to support that there is demand for the age-restricted multi-family housing within the area. The analysis also affirms long-term historic and future challenges to office use.

The existing office building on the property has struggled to find tenants and has remained vacant for many years. The building age and configuration makes it difficult to re-adapt for multi-tenant users, which is how many former single-tenant buildings have been successful in reducing vacancy rates. While it appears that the office vacancy is relatively low in Rye, area market analysis suggests that office buildings continue their multi-year trend of high vacancy rates and flat or declining rents. There does not appear to be any demographic or economic factor on the horizon to reverse this downward trend. There is little new office construction in the region and other area communities such as Rye Brook and Harrison have amended their zoning codes to allow the reprogramming of existing or approved office space to other uses including multi-family residential, retail and private recreational uses. Age-restricted housing serves the growing needs of the aging baby boom generation, which is consistent with regional and national demographic trends.

The Commission notes that petitioner's characterization that the units would serve a "luxury" market (which is a relative term) cannot be guaranteed because zoning cannot legislate minimum rents or housing values. Actual rents could be higher or lower and housing tenure (i.e. rental vs. ownership) could also change and cannot be legislated in a zoning district.

### *Land Use Compatibility*

The proposed age-restricted multi-family use is not incompatible with surrounding office, medical, institutional and single-family uses. The proposed zoning would create more opportunity for the creation of age-restricted housing and would add to the existing or approved 140 units of senior affordable housing in the nearby RA-5 Districts on Theall Road and Theodore Fremd Avenue. Land use compatibility concerns could be further alleviated by amending the proposed RA-6 District to include some or all of the Planning Commission's recommendations under the *Bulk and Density* section of this memorandum.

## **Advisory Recommendation Proposed RA-6, Active Senior Residence, District**

May 5, 2015

Page 3 of 7

In consideration of the petitioner's request, the City Council should contemplate whether other properties in the area may seek similar requests and whether a change in land use or amenities (such as improvements in the pedestrian network) may be necessary to support the growth in age-restricted housing within the area.

### *Consideration of Impacts*

Potentially beneficial and detrimental impacts of the proposed use must be compared to those associated with the continuation of the existing office building. Office may have lower taxes than other uses, but it also generates relatively low municipal costs and no school-age children costs. On a per square-foot basis office generates higher traffic than the proposed use. Office generates less water, sewer and most other utility use than the proposed use. Office provides Rye residents with the potential to work in the City they reside in, but the proposed use offers an expansion of housing opportunities that the City may desire. The City Council needs to consider a comparison of these and other impacts associated with the maximum permitted development under existing and proposed zoning as it conducts its environmental review as Lead Agency under the State Environmental Quality Review (SEQR).

### School-age Children

Age-restricted housing has no direct impact on school-age children costs and would likely provide an overall fiscal benefit to the City, County and School District budgets. The petitioner has provided a fiscal impact analysis in its submission. Much is noted that the age-restriction required by proposed zoning will not result in any direct impacts on school district costs because there will be no generation of school-age children.

The City should expect, however that there may be an indirect impact of the proposed development on school age generation based on the statements of need represented by the petitioner and its market study. Those indirect costs will be borne as Rye residents housing choices are expanded, which may induce movement in the housing migration cycle. Those households residing in existing single-family homes over age 55 and without children will have the opportunity to move to the petitioner's proposed development within the Rye community, which may be better suited to their housing needs. This type of housing choice is fairly limited in the City. As those single-family "empty nester" homes are sold they may go to households with children. Studies by the Rye City School District show that sellers of single-family homes typically have fewer children than buyers. Though challenging to quantify, this indirect impact on school-age children generation should be considered.



## **Advisory Recommendation Proposed RA-6, Active Senior Residence, District**

May 5, 2015

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It is acknowledged that this housing migration could occur independent of whether the petition is approved. For instance, if a similar housing product is offered in another nearby community this too could induce the sale of empty nester single-family homes in the City.

### Fiscal Impact

The existing B-4 District on a 7.01-acre property is very limited in terms of the types and range of permitted uses that are both economically feasible for a property owner and fiscally beneficial to municipal and school district tax revenue. Other permitted uses available on this property include *public recreational uses, public uses, nursery schools (not to exceed 30 children), agricultural uses, railroad passenger station and electric substations, religious uses, and residential care facility uses (limited to care of 10 or fewer disabled persons or persons in need of supervision or juvenile delinquents)*. Given these use restrictions of the existing zoning it's not surprising that the property owner is seeking changes from the City Council to amend the City Zoning Code.

The existing office building is vacant and therefore does not put significant demands on municipal or school district services. However, the vacancy position of the building has resulted in the property owner's successful reduction in property tax. This contributes to a destabilizing tax assessment position and when reductions are successfully secured it requires other tax payers, new revenue sources or service modifications to compensate for lost revenue. Continued vacancy of the office building may result in further future tax reductions.

The existing property pays approximately \$21,500 in City tax and \$80,300 in Rye City School District tax. The RA-6 District offers an opportunity to increase tax revenue and greater tax assessment stability. The petitioner has estimated that the age-restricted rental multi-family project currently under consideration could generate almost \$98,000 in City tax and \$365,000 in Rye City School District tax. The City Council should discuss the potential tax generation on this property and what restrictions might be implemented to prevent or limit future tax certioraris.

### Traffic

Full development under the proposed zoning would generate less peak hour traffic than full office development permitted by existing Zoning.

Vehicle delays and traffic volumes can be high on some area roadways and intersections. Level of service is particularly poor at the Old Post Road/Playland Parkway Access Drive intersections. Interestingly, peak-hour vehicle trips and delays are generally less today than were shown in traffic studies conducted in 2009 and 2013. Certain turning movements have seen increases, which may be

## **Advisory Recommendation Proposed RA-6, Active Senior Residence, District**

May 5, 2015

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reduced with potential turning movement restrictions. A traffic signal at congested intersections does not appear to meet the required warrant analysis. There may be opportunities to make traffic improvements to address existing or anticipated traffic challenges.

### **Bulk and Density**

The Commission notes concerns with the increase in overall development density of the proposed zoning as compared to the existing zoning. The proposed zoning would provide for a 166% increase in permitted floor area on the 7.01-acre property. It would also allow for a multi-family development density of 21.78 units per acre. The petitioner has provided a comparison of the unit density of the proposed zoning to other multi-family buildings in the City and similar age-restricted housing in the area. In that analysis they note that Rye Manor on Theall Road has 53 units per acre, Highland Hall has 83 units per acre and Blind Brook Lodge has 51 units per acre. The recently approved 41 units of senior housing at 150 North Street/Theodore Fremd Avenue has 19.8 units per acre. The Commission is sensitive to concerns regarding the proposed bulk and scale of future development under the proposed district. To address these concerns the Commission recommends at a minimum the following adjustments in the proposed RA-6 District standards (see summary in Table 1 attached hereto).

### ***Building/Lot Coverage***

The existing B-4 District limits building coverage to 15%. There is no maximum lot coverage in the B-4 District so all at-grade parking is not included in the calculation. The Petitioner represents that the existing total impervious coverage on the property is 44%. Under the proposed RA-6 District there would be no building or lot coverage standard, but there would be a requirement that 80% of all required parking be located below grade in the basement. The Commission supports this requirement since it will reduce the overall lot coverage on the property. If a building coverage standard is desired by the City Council the applicant's current plan requires a building coverage of approximately 35%, which *includes* the portion of the court-yard building with basement parking.

### ***Setbacks***

The existing B-4 District requires a minimum building setback of 100 feet from all front, side and rear property lines. The proposed RA-6 District would reduce proposed building setbacks to as little as 25 feet for the rear yard and 40 feet for the side yard and the front yard along Playland Parkway Access Drive. Building height in both the existing and proposed districts would be 45 feet, however there would be a notable increase in overall development potential and an allowance for four stories (within 45 feet) rather than three stories in the B-4 District. Given these bulk increases the Commission recommends that no setback be less than

**Advisory Recommendation Proposed RA-6, Active Senior Residence, District**

May 5, 2015

Page 6 of 7

50 feet and that perimeter landscape screening requirements be added to the proposed RA-6 District.

*Bedroom Mix and Parking*

The Commission recommends that the parking standard be increased from 1.25 spaces per unit rather than 1.5 spaces per unit and that development be limited to one- and two-bedroom units. A higher parking standard is necessary because it is likely that future development have assigned parking spaces, which means sharing of parking is not possible. Giving the nature of the use the Commission would not object to amending the proposed RA-6 District to allow tandem parking.

Attached hereto is a table that summarizes the Planning Commission's recommendations to assist the City Council's continued review of this matter.

## Summary of Planning Commission Recommendations

### Proposed RA-6, Active Senior Residence, District

<b>Zoning Standard</b>	<b>Existing B-4 Office District*</b>	<b>Proposed RA-6 District**</b>	<b><i>Summary of Planning Comments and Recommendations</i></b>
Permitted Use	Office	Age-Restricted Multi-Family	<i>Proposed use is acceptable.</i>
Max. Floor Area Ratio	0.3 (or 91,257 s.f.)	0.8 (or 243,936 s.f.)	<i>Represents a 166% increase in maximum permitted development potential, however proposed use would be residential rather than existing office development and is considered acceptable if other recommendations provided below are implemented.</i>
Max. Building Coverage	15%	No max.	<i>A maximum building coverage standard of 35% would meet the project needs of the petitioner. Commission supports the proposed requirement that 80% of required parking be within a basement to reduce overall site coverage.</i>
Min. Lot Area	7 Acre	0	<i>No minimum lot area is proposed however a 2,000 square foot minimum lot area per unit (or 21.78 units per acre) is proposed, which could yield a maximum of 152 units on the property. Planning Commission recommends limiting the unit type to one- and two-bedroom units only.</i>
Min. Lot Width	400 feet	400 feet	
Front Yard Setback	100 feet	100/40 feet	<i>The front yard setback would only apply to the Post Road frontage. The setback from Playland Parkway Access Drive would be considered a side yard setback. The Commission recommends that this setback be increased to not less than 50 feet.</i>
One Side Setback	100 feet	40 feet	<i>Planning Commission recommends that this setback be increased to not less than 50 feet.</i>
Total of Two Yards	200 feet	100 feet	<i>Due to proposed reduction in setbacks and increase in permitted floor area the Planning Commission recommends a new landscape buffer standard.</i>
Rear Yard Setback	100 feet	25 feet	<i>Planning Commission recommends that this setback be increased to not less than 50 feet.</i>
Max. Stories	3	4	<i>Proposed standard is acceptable.</i>
Max. Building Height	45 feet	45 feet	<i>Proposed standard is acceptable.</i>
Required Parking	7 spaces per 10 persons employed at one time.	1.25 spaces/unit	<i>Planning Commission recommends a minimum parking requirement of 1.50 spaces per unit provided that unit type is limited to one- and two-bedroom units only. Tandem parking for residential units should also be allowed.</i>
Min. Floor Area per Unit	N/A	1-BR: 750 s.f. 2-BR: 900 s.f. 3-BR: 1,100 s.f.	<i>Planning Commission finds proposed standard acceptable noting that it meets or exceeds standards for multi-family units in the Zoning Code. Three bedrooms are not recommended.</i>

\*Based on setback requirements for office buildings. Other uses permitted in the B-4 District generally have lesser standards and requirements.

\*\* Based on standards included in applicant's March 4, 2015 submission.

## **Proposed Re-zoning of 120 Old Post Road**

### **Table of Contents**

- Ex. 1: Executive Summary Letter prepared by Harfenist Kraut & Perlstein
- Ex. 2: Petition of Old Post Road Associates and Proposed Amended Text of Chapter 197: Zoning
- Ex. 3: Zoning, Land Use and Fiscal Impacts Memorandum prepared by Divney Tung Schwalbe
  - Figures:
    - No. 1: Illustrative Site Plan
    - No. 2: Area Zoning Map
    - No. 3: Existing Zone (B-4) Maximum Build Out
    - No. 4: Proposed Zone (RA-6) Maximum Build Out
    - No. 5: Site Development Analysis – Impervious Conditions
    - No. 6: Building Height Diagram
    - No. 7: Site Section Diagram
    - No. 8: Site Section Diagram – Proposed Building
    - No. 9: Surface parking Alternative
    - No. 10: Area Land Use Map
    - No. 11: Conceptual Rendering – Playland Access Drive
    - No. 12: Conceptual Rendering – Old Post Road
    - No. 13: Conceptual Rendering – Interior Courtyard
- Ex. 4: Full Environmental Assessment Form

- Ex. 5: Westchester County Office Market: Summary Data prepared by Goman & York Property Advisors, LLC
- Ex. 6: Rye Office Market Analysis: 120 Old Post Road prepared by Goman & York Property Advisors, LLC
- Ex. 7: Market Feasibility Analysis of the Rye, NY Market for Active Adult (55+) Housing prepared by Goman & York Property Advisors, LLC
- Ex. 8: Proposed Property Tax Exposure Report prepared by McCarthy Appraisal / Consulting Svc. Inc.
- Ex. 9: Traffic Access & Impact Study prepared by Frederick P. Clark Associates, Inc.

JONATHAN D. KRAUT

DIRECT TEL.: 914-701-0800  
MAIN FAX: 914-701-0808  
[JKRAUT@HKPLAW.COM](mailto:JKRAUT@HKPLAW.COM)

June 3, 2015  
**VIA HAND DELIVERY**

Mayor Joseph Sack and  
Members of the City Council  
1051 Boston Post Road  
Rye, New York 10580

Re: ***Re-zoning of 120 Old Post Road***

Dear Mayor Sack and Members of the City Council:

We represent Old Post Road Associates, LLC (the "Petitioner"), in connection with a Petition for Zone Change, Zoning Map Amendment and Amendment to City of Rye Zoning Ordinance (the "Petition") in connection with the above referenced property (the "Subject Property"). The Petition was referred by you to the Planning Commission for a report and recommendation. The Petition contemplates creating a new zoning district within the City of Rye and re-zoning the Subject Property to an age-restricted (55+) multifamily housing zone (the "Project"). The Petitioner went through a series of meetings with the Planning Commission spanning several months and we understand the Planning Commission has issued a positive report and recommendation concerning the proposed zone change and proposed use of the Subject Property.

As the City Council may recall, the Subject Property is currently improved with a near fully vacant office building. The Petitioner has previously proposed repurposing the Subject Property with a hotel, which was met with large opposition by members of the community. After careful review of market conditions, the Petitioner believes the Project will provide a desirable housing alternative and product that is not currently available within the City of Rye. (See Market Feasibility Analysis attached hereto as Exhibit 7). Specifically, the Project contemplates the development of the Subject Property with an age-restricted luxury residential community for active adults.

The Project would also benefit the City of Rye as a whole by providing a housing alternative for those individuals 55 years and older who are not interested or in need of residing within a retirement community or nursing facility while not causing any increased burden on the expenses of the City of Rye School District due to the age-restricted residency requirements.

# HKP

Simultaneously, if approved, the proposed real estate development would have a very beneficial impact on the property's market tax assessment – which has steadily decreased over the past years due to the erosion in market value of office use generally and the Subject Property specifically. (See Westchester County Office Market Report and Rye Office Market Analysis attached hereto as Exhibits 5 & 6). As set forth in the proposed fiscal impacts information attached hereto, the Project is anticipated to generate a significant increase in property taxes, without any burden on the School District due to the age restriction prohibiting occupancy by any school age children and a de minimis demand for other public services over the current use (See Proposed Property Tax Exposure attached hereto as Exhibit 8).

In addition, as further set forth in the attached reports, the Project would not have any significant adverse environmental or traffic impacts. As is described Traffic Impact and Impact Study, prepared by Frederick P. Clark Associates, Inc. (Exhibit 9), the Project “will result in a significant reduction in site traffic, with a decrease of 82 and 70 vehicle trip ends during the weekday morning and weekday afternoon peak hours, respectively.” Moreover, as detailed in the Zoning, Land Use and Fiscal Impacts Memorandum prepared by Divney Tung Schwalbe, the Project will reduce impervious surfaces on the site by over 10%.

The Proposed Text Amendments have been modified slightly since the Petition was first submitted to the City Council reflecting some comments and clarifications requested by the Planning Commission. The Petitioner has included a requirement that at least eighty percent (80%) of the required off-street parking be provided in a covered parking structure within the basement of the proposed structure(s). The Proposed Text Amendments also include a maximum density of 2,000 square feet per unit. The Zoning, Land Use and Fiscal Impacts Memorandum (Exhibit 3) contains a density analysis and references other multi-family developments within the City of Rye as well as more recent projects in other municipalities for comparison.

In sum, we believe the proposed zoning change to permit a multi-family development is much more harmonious with the neighborhood than the existing office use, serving as a transition from the single family neighborhood on one side to the office districts on the other. We look forward to presenting this information to the City Council and addressing any comments or questions of the Council or the public. Thank you for your attention to this matter.

Very Truly Yours,

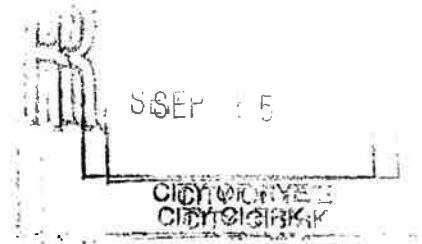
HARFENIST KRAUT & PERLSTEIN LLP

By: 

Jonathan D. Kraut



CITY OF RYE: RYE CITY COUNCIL  
COUNTY OF WESTCHESTER: STATE OF NEW YORK



-----X  
In the Matter of the Application of  
  
OLD POST ROAD ASSOCIATES, LLC

**PETITION  
FOR ZONE CHANGE,  
ZONING MAP  
AMENDMENT, AND  
AMENDMENT TO  
CITY OF RYE ZONING  
ORDINANCE**

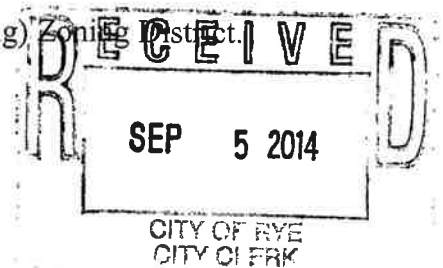
PROPERTY LOCATION:  
120 Old Post Road, Rye, New York  
Sheet 146.13, Block 1, Lot 7

-----X  
Petitioner, OLD POST ROAD ASSOCIATES, LLC, by its attorneys, Harfenist Kraut & Perlstein, LLP, hereby petitions the City Council of the City of Rye for a zone change, a zoning map amendment and an amendment to the City of Rye Zoning Ordinance as follows:

1. Old Post Road Associates, LLC, (hereinafter "Petitioner"), with an address at 120 Old Post Road, Rye, New York 10580, is a Limited Liability Company duly formed and existing under the laws of the State of New York.

**SUBJECT PROPERTY**

2. The Petitioner is the owner of the subject premises located at 120 Old Post Road, as further set forth in the caption of this Petition (hereinafter the "Property").
3. The Property is a single parcel of approximately 7.0 acres located at the intersection of Old Post Road and Playland Access Drive which is known and designated on the Tax Assessment Map of the City of Rye as Sheet 146.13, Block 1, Lot 7.
4. The Property currently lies wholly within the B-4 (Office Building) Zoning District.



5. The Property is currently improved with a three story office building and related parking infrastructure.
6. The Property has the following uses adjacent to its boundaries: i) the Osborn senior living facility is immediately adjacent to the southwest; ii) single family residences in the R-2 zone are located to the southeast across Old Post Road; iii) Playland Parkway to the northeast; and iv) the WestMed Medical Group facility is located to the northwest.

ZONE CHANGE, ZONING MAP AMENDMENT AND  
AMENDMENT TO ZONING ORDINANCE

7. The Petitioner requests a change in the zoning of the Property, including a zoning map amendment and zoning ordinance text amendment of the Zoning Ordinance of the City of Rye, to rezone the Subject Property from B-4 (Office Building) to a new zone RA-6 (Active Senior Residence District) proposed herein. The Petitioner requests that the relief sought be granted and the zoning map and zoning ordinance of the City of Rye be amended to reflect the relief requested herein.
8. The Petitioner specifically requests that the official zoning map of the City of Rye be redrawn and amended to identify the Subject Premises known and designated on the Tax Assessment Map of the City of Rye, as Sheet 146.13, Block 1, Lot 7 as wholly within the RA-6 Zone as set forth hereinbelow.
9. The Petitioner also specifically requests that the Zoning Code of the City of Rye, Chapter 197: Zoning, Section 197-2: Districts, last amended 6-19-1991 by Local Law No. 13-1991, be further amended. Specifically, the Petitioners request that Section 197-2: Districts, A. Residence Districts, therein be amended to include a new residential district as follows:

*RA-6: Active Senior Residence District – Minimum lot size area per family  
2,000 square feet*

10. Further, the Petitioner specifically requests that the Zoning Code of the City of Rye, Chapter 197: Zoning, Section 197-86: Tables of Regulations: Table A, be amended. Specifically, the Petitioners request that Section 197-86: Tables of Regulations: Table A, Residence Districts – Use Regulations, Column 1: Permitted Main Uses, therein be amended to include as a permitted main use in the RA-6 district the following:

*(1) Apartments for active seniors in an age-restricted development. A building or group of buildings housing three or more families on one lot, subject to the requirements of §197-7 and Table A.*

11. The Petitioner also specifically requests that the Zoning Code of the City of Rye, Chapter 197: Zoning, be amended to include a new Section entitled *Active Senior Residence District*. Specifically, the Petitioners request that this new Section contain the particulars of the design parameters and limitations as set forth on Exhibit A attached hereto.

12. Lastly, the Petitioner specifically requests that the Zoning Code of the City of Rye, Chapter 197: Zoning, Section 197-86: Tables of Regulations: Table A, be amended. Specifically, the Petitioners request that Section 197-86: Tables of Regulations: Table A, Residence Districts – Area Yard, Height and Miscellaneous Regulations, last amended 7-16-03 by Local Law No. 6-2003; be further amended. Specifically, the Petitioners request that a new row for the proposed RA-6 zone be added, an amendment be made to footnote “C” and a new footnote “K” be added to Table A, all as more specifically set forth on Exhibit B attached hereto.

#### FACTS SUPPORTING PETITIONER’S REQUEST

13. The existing office building at the Property has been largely vacant for a significant period of time. As this condition of high vacancy rates for office space is not isolated to the Property but is a macro-trend throughout Westchester and other metropolitan areas the Petitioner is not optimistic on the likelihood of the existing office building becoming reoccupied to a sustainable level. Accordingly, the Petitioner has explored various options for uses at the Property.

14. The Petitioner has noted that with property values continuing to increase in Rye, there is a shortage of independent living accommodations for active adults ages 55 and older who wish to remain in Rye but no longer have the necessity of maintaining the related costs and expense necessarily attendant to home ownership within the City of Rye.
15. The Petitioner believes that due to the unique location and size of the Property, the Property could accommodate a viable alternative for those older individuals seeking alternative housing arrangements in an age-restricted community that does not provide nursing care.
16. The requested amendments to the Zoning Ordinance would not have any adverse impacts on the City of Rye. If this Petition were granted it would not only allow the Property to be redeveloped and put back to a sustainable use, it would also provide an alternative housing opportunity that is not currently being offered within the City of Rye. The redevelopment of the Property would also provide a benefit to the City of Rye by reestablishing the taxable value of the Property for real property tax purposes, which has continued to erode year after year as the Property remains vacant. Furthermore, the redevelopment of the Property in accordance with the residency limitations proposed herein would not create any additional strain on the Rye City School District as the development would expressly prohibit residency of any school age children.

#### SEQRA REVIEW

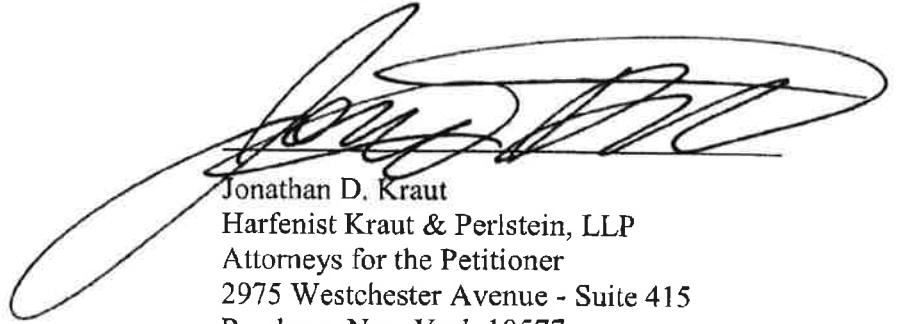
17. With respect to the environmental procedure and review of this Petition pursuant to Article 8 of the Environmental Conservation Law of the State of New York and Part 617 of the New York Codes, Rules and Regulations promulgated pursuant to the New York State Environmental Quality Review Act, it is respectfully submitted that the requested zoning amendments are consistent with the long range planning goals of the City of Rye and would permit a harmonious use between the Property and the community at large.

18. Petitioner has reviewed all pertinent environmental issues relating to the proposed zone change and has prepared a short form Environmental Assessment Form (EAF) in connection with this application. It is submitted herewith, so as to enable the City Council to take steps necessary to consider, and to issue, a negative declaration pursuant to the New York State Environmental Quality Review Act.

WHEREFORE, it is respectfully requested that this matter be placed on the calendar of the City Council for a hearing and that the relief sought herein be in all respects granted.

Dated: Purchase, New York  
September 5, 2014

Respectfully submitted,

A large, stylized handwritten signature in dark ink, likely belonging to Jonathan D. Kraut, is written over the typed name and address.

Jonathan D. Kraut  
Harfenist Kraut & Perlstein, LLP  
Attorneys for the Petitioner  
2975 Westchester Avenue - Suite 415  
Purchase, New York 10577  
Tel: (914) 701-0800

## PROPOSED TEXT AMENDMENTS TO CHAPTER 197 OF RYE CITY CODE

### § 197-2 Districts

RA-6 Active Senior Residence District – Minimum area per family 2,000 square feet

### § 197-8.1 Active Senior Residence District Regulations

#### A. Limitations on Occupancy.

- (1) The occupancy of residential units within the Active Senior Residence Zone shall be limited to:
  - a) A single person 55 years of age or older;
  - b) Two or three persons, all of whom are 55 years of age or older;
  - c) A married couple, live-in companion, or partner, one of which is 55 years of age or older;
  - d) The surviving spouse of a person 55 years of age or older, provided that the surviving spouse was duly registered as a resident of the development at the time of the elderly person's death;
  - e) One adult 18 years of age or older residing with a person who is 55 years of age or older, provided that said adult is essential to the long-term care of the elderly person as certified by a physician duly licensed in New York State
- (2) Persons under the age of 55 not specifically permitted to be occupants shall not be permitted to be permanent residents of dwelling units. For the purposes of this section, a "permanent resident" shall mean any person who resides within the dwelling for more than three consecutive weeks or in excess of 30 days in any calendar year, or has listed the residence as an abode for any purpose whatsoever, including, but not limited to, enrollment in public or private schools. Temporary occupancy by guests of families shall be permitted, provided that such occupancy does not exceed a total of 30 days in any calendar year.
- (3) Notwithstanding the foregoing, one dwelling unit within the community may be set aside to be occupied by a superintendent or building manager, to which the limitations on occupancy set forth above shall not apply.
- (4) The limitations on occupancy shall be included in the marketing materials for the development as well as within the rules and regulations or terms of any

leases, by-laws or covenants and restrictions for the development. Violations of the limitations on occupancy shall be enforceable by the City of Rye Building Inspector against the owner or lessee or the agent of any of them and shall be punishable by a fine of \$250 per day or by imprisonment not exceeding 15 days, or by both such fine and imprisonment. Exceptions to these regulations shall be granted if any limitations are determined to be in violation of any State or Federal law.

- (5) The Planning Commission shall have the right to require that the owner execute agreements and covenants as it may deem to be required during any site plan approval process as it may reasonably deem to be required to ensure compliance with the stated intent of this section. Said agreements or covenants shall be recorded in the office of the Westchester County Clerk and constitute a covenant running with the land. Such covenant or agreement may be modified or released only as set forth in said covenant or agreement or by the City Council.

#### B. Site Development

- (1) At least eighty percent (80%) of the required parking for the development shall be provided in a covered parking structure within the basement level of the principal structure(s).
- (2) For any corner lot abutting Boston Post Road or Old Post Road, the front lot line of the lot shall be Boston Post Road or Old Post Road for purposes of the applicable front yard setback irrespective of building arrangement. The provisions of § 197-52 shall not apply to properties in the RA-6 zone.
- (3) The provisions of § 197-8.A & C shall not apply to properties in the RA-6 zone.

## **§ 197-28 Schedule of Off-Street Parking Requirements**

- A. Schedule of parking requirements. Off-street automobile parking facilities shall be provided as follows:

### **Number of Spaces per Unit (by Parking District)**

<b>Use</b>	<b>A</b>	<b>B</b>	<b>C</b>	<b>Unit of Measurement and Conditions</b>
Apartments for active seniors located in RA-6 Districts	1.25	1.25	1.25	Dwelling unit

## **§ 197-30 Layout and Location of Off-Street Parking Facilities**

- D. In RA-1, RA-2, RA-3, RA-4, RA-5 and RA-6 Districts, no off-street parking facility accessory to apartments or office buildings shall be developed within five feet of any lot line. Required off-street parking facilities accessory to other main uses shall conform to the provisions of Subsection C above.

## **§ 197-44 Minimum Residential Floor Area**

- E. For dwelling units in apartments or other buildings containing three or more dwelling units in an RA-6 District, the minimum amount of residential floor area in each unit shall be 750 square feet for one bedroom units, 900 square feet for two bedroom units and 1,100 square feet for three bedroom units. Additionally, three-bedroom units must be equipped with at least 1 ½ bathrooms.



## **§ 197-86 Tables of Regulations**

### **TABLE OF REGULATIONS: TABLE A RESIDENCE DISTRICTS – USE REGULATIONS**

#### **Column 1**

#### **Permitted Main Uses**

RA-6 Districts

- (1) Apartments for active seniors. A detached residence for three or more families or housekeeping units, or a group of buildings housing three or more families on one lot, subject to the requirements of § 197-7 and § 197-8.1.

### **TABLE OF REGULATIONS: TABLE A RESIDENCE DISTRICTS – USE REGULATIONS**

#### **Column 2**

#### **Uses Permitted Subject to Additional Standards and Requirements**

**(Subject to the requirements and provisions of §197-10)**

RA-6 Districts

(Reserved)

### **TABLE OF REGULATIONS: TABLE A RESIDENCE DISTRICTS – USE REGULATIONS**

#### **Column 3**

#### **Permitted Accessory Uses**

**(Subject to the requirements and provisions of §197-9)**

RA-6 Districts

- (1) Off-street parking facilities, subject to the requirements and provisions of § 197-8.1.
- (2) Other accessory uses or structures customarily incidental to any permitted main use, including active and passive recreational facilities (i.e. fitness center, pool, library, media room, storage areas, etc.) for the use of the residents of the principle structure. Outside storage on land of boats and boat trailers is prohibited.

- (3) The filming of movies, commercials, documentaries, serials, shows, performances or other similar events and activities, including still photography, as regulated in RA-4 Districts.

## **MEMORANDUM**

**TO:** City Council of the City of Rye

**DATE:** June 3, 2015

**FROM:** Gerhard M. Schwalbe, P.E.

**RE:** 120 Old Post Road

## **INTRODUCTION**

Old Post Road Associates, LLC (the "Applicant") is seeking a zoning change, amendment to the City of Rye zoning map and amendment to the City of Rye Zoning Ordinance (the "Proposed Action" or "Action") to facilitate the redevelopment of 120 Old Post Road as an age-restricted multi-family residential community (the "Proposed Project" or "Project").

The subject property, located 120 Old Post Road (the "Project Site" or "Site"), is currently improved with an existing 75,000 square foot, 3-story office building, a parking lot for approximately 240 vehicles, and an entrance on Playland Access Drive. The existing building has remained mostly vacant and underutilized for over four years and, as documented below, current real estate market conditions suggest that re-occupancy with the existing office use is unlikely for the foreseeable future.

The Applicant proposes to replace the existing office building with a 245,000 square foot age-restricted, luxury residential building. The Project would consist of approximately 135 one and two bedroom units for residents aged 55 and older, along with underground parking, stormwater management facilities, landscape screening, and amenities typical of a luxury residential building. The driveway entrance would remain near its current location and provide access to Playland Access Drive. The existing emergency access driveway to Old Post Road would be retained for emergencies only. See Figure No. 1, *Illustrative Site Plan*.

This memorandum summarizes the land use and fiscal considerations that support the Proposed Action and Project. In addition, a full form NYS Environmental Assessment Form (EAF) is attached hereto for the Action, and an assessment of the potential environmental impacts and mitigation measures related to the Project is included, following the EAF.

## **OFFICE MARKET CONDITIONS**

As set forth in greater detail in a report titled *Rye Office Market Analysis* prepared by Goman & York Property Advisors, LLC, dated March 2, 2015 ("Office Market Study"), vacancy rates for office buildings in southeastern Westchester County have steadily increased over the past decade and are currently at a 10-year high reducing the direct asking average rent. In addition, during this same time period operating costs have further increased, reducing net rent returns on office buildings in

Westchester County. Most current leasing activity in the market is a result of renewals or extensions and not a result of any positive change in market conditions. *See*, Office Market Study.

The following table summarizes the supply of office space within the City of Rye. The information contained in the chart below was obtained from the City of Rye Tax Assessment Cards. The property list is limited to other office buildings or facilities within the City of Rye and does not include mixed use structures along Purchase Street or elsewhere.

**Table No. 1. *Summary of Rye Office Space***

<b>Property</b>	<b>Lot Area (AC) <sup>1</sup></b>	<b>Floor Area (SF) <sup>1</sup></b>	<b>Rye Office Space (% of Floor Area)</b>
2 Clinton Avenue	0.79	10,600	1%
14-16 Elm	0.26	19,600	2%
22 Elm	0.26	20,000	2%
150 Purchase Street	0.86	22,245	2%
31 Purchase Street	0.10	10,000	1%
600 Midland Avenue	7.83	30,000	3%
601 Midland Avenue	N/A	173,315	18%
2 Second Street	0.20	15,000	2%
16 School Street	1.61	18,316	2%
1 Theall Road	7	65,000	7%
350 Theodore Fremd Avenue	1.80	34,000	4%
401 Theodore Fremd Avenue	7	59,522	6%
411 Theodore Fremd Avenue	8.2	150,946	16%
555 Theodore Fremd Avenue	13.02	165,592	17%
511 Theodore Fremd Avenue	7.53	90,080	9%
<b>120 Old Post Road</b>	<b>7.01</b>	<b>76,000</b>	<b>8%</b>

<sup>1</sup>Data obtained through City of Rye Tax Assessment Cards and confirmed with City of Rye GIS.

With increasing vacancy rates throughout the Rye area along with decreasing rents and the abundance of available office space, re-occupancy under existing market conditions appears highly challenging and doubtful. With regard to the Property, the existing structure is configured primarily as an open plan headquarters building. This configuration places the building in a highly uncompetitive market position since the majority of office leasing activity is focused upon smaller spaces. As a result of these market conditions and the continued vacancy of the building the tax assessment of the property has been reduced by over fifty percent (50%).

On some similar properties, the conversion costs have been determined to be prohibitive and the building has been torn down as a result. However, conversions of underutilized office space have occurred or are proposed on sites in the general vicinity of the Property. Examples include the development of LifeTime Fitness Center and a proposed residential development at 103-105 Corporate Park Drive in Harrison, as well as a recent application for a residential development at the Reckson Executive Park in Rye Brook. As set forth in greater detail in the attached Market Feasibility Analysis prepared by Goman & York Property Advisors, LLC, dated November 2014 ("Market Feasibility Analysis"), an age-restricted, luxury residential community is a viable repurposing of the Site and would offer a housing alternative that is not available within the City of Rye.

## **ZONING AND LAND USE CONDITIONS**

### ***Zoning***

The Project Site contains 7.0 acres located north of Old Post Road and west of Playland Access Drive in the City of Rye. It is located within the B-4 office building zone, and is bordered by the R-3 residential district to the northeast, the R-2 residential district to the southeast and southwest, and the B-4 district extends to the north and west. See Figure No. 2, *Area Zoning Map*. In the project area, the R-4 and R-5 districts lie further to the south, with the RA-1 and RA-5 districts lying further to the north and southwest respectively.

The B-4 zone is designated as an “Office Building District” with a minimum area requirement of 7 acres. Permitted main uses in the B-4 zone are “Nonresidence main uses permitted in the R-2 Districts and as limited therein.” However, there are no “nonresidence” main uses permitted in the R-2 district (i.e. the only permitted main use in the R-2 district are single family residences). Therefore, while there are special exception uses, in essence there are no permitted main uses allowed in the B-4 zone.

The uses permitted subject to additional standards and requirements (i.e. special permit uses) in the B-4 zone are:

- a) Office buildings
- b) Educational uses (requires a minimum of 10 acres)
- c) Public recreational uses
- d) Private recreational uses (requires a minimum of 7.5 acres)
- e) Extension of welfare uses (operated by nonprofits in existence or which had a permit before January 1, 1958)
- f) Public uses
- g) Nursery schools (not to exceed 30 children)
- h) Agricultural uses (i.e. nurseries, truck gardens, greenhouses and similar agricultural uses)
- i) Railroad passenger stations and electric substations
- j) Temporary real estate offices in connection with a subdivision containing 10 or more lots
- k) Religious headquarters offices (requires a minimum of 20 acres)
- l) Religious uses
- m) Residential care facility uses (limited to care of 10 or fewer disabled persons or persons in need of supervision or juvenile delinquents)

In sum, outside of the existing use of the Subject Property as an office building there are virtually no other permitted or special permit uses allowed in the B-4 zone for which the Site could be expected to yield a reasonable return.

### ***The Proposed Action***

The City currently permits multi-family residences in the following districts:

- 1. RT – Two Family District
- 2. RA-1 – Garden Apartment District

3. RA-2, 3, and 4 – Apartment House Districts
4. RA-5 – Apartment District for Senior Citizens and Handicapped Persons
5. RFWP – Residential Floodplain and Wetlands Preservation

The RA-5 is the only district in Rye that currently restricts residential occupancy for senior citizens, and it is intended for housing developments that are undertaken by private nonprofit sponsors with public financial assistance. Therefore, its dimensional regulations are generally more permissive than the current standards for apartment buildings in other districts (e.g., a maximum height of 4 stories compared to 2.5, and a maximum F.A.R. of 1.0 compared to .40-.50). While the proposed age-restricted housing district would allow for less restrictive dimensional standards than most multi-family districts in the City, it would be more restrictive than the RA-5. See Table No. 2, *Existing and Proposed Multi-Family Zoning Districts and Bulk Regulations*, attached at the end of this memo.

The proposed dimensional and use regulations are generally consistent with similar districts across the region. See Table No. 3, *Bulk Characteristics of Regional Active Adult Zoning Districts*. The proposed yard dimensions and maximum building height would either be consistent with existing zoning or more restrictive than in comparable districts, requiring them to be greater than average. Alternatively, the proposed lot area and FAR would be less restrictive than in the comparable districts. However, these regulations would be offset by the Action's requirement for underground parking, which would minimize surface coverage and preserve open green space on the site. For example, as applied to the Project Site, these regulations maintain building and surface coverage rates that are below the minimum requirements for every comparable district at 22% and 33% of the site area respectively. By maintaining lower rates of surface coverage, it is the applicant's belief that this requirement will help preserve a desirable community character for both residents of the Proposed Project and its neighbors.

The proposed off-street parking provision of 1.25 spaces per dwelling unit is based on the supply ratio from the Institute of Transportation Engineers (ITE) *Parking Generation*, Land Use 252 – Senior Adult Housing, as well as characteristics of the Project's target market<sup>1</sup>. While ITE rates indicate that a ratio of 1 space per dwelling unit is sufficient for residences with active seniors, the 0.25 fractional spaces would accommodate facility staff, visitors, or some residents who may wish to maintain more than one vehicle. These provisions are consistent with the comparable districts' range of .75 to 2 spaces per unit as indicated in Table 3.

It is the Applicant's opinion that these proposed standards are appropriate based on the district's age restriction, as it would permit housing for a sector of the population that would not create any additional strain on the Rye City School District.

### ***Existing and Proposed Conditions***

The existing office building on the Project Site is compliant with both use and bulk regulations in the B-4 Zoning District with potential for further as-of-right expansion. The following compares the Site's current dimensional characteristics to the limits of its existing zoning, and to the corresponding conditions in the Proposed Zoning and the Proposed Project. These characteristics are also illustrated in Table No. 4, *120 Old Post Road - Existing and Proposed Zoning Districts*, Figure No. 3, *Existing Zone*

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<sup>1</sup> Institute of Transportation Engineers, *Parking Generation*, 4<sup>th</sup> Edition, 2010

(B-4) *Max. Build Out* and Figure No. 4, *Proposed Zone (RA-6) Max Build Out*, attached at the end of this report.

*Lot Area*

As a nonresidential use, the existing B-4 zoning district requires a 7-acre minimum lot area, with which the Property is compliant at approximately 7.01 acres. The proposed use would be residential, and therefore lot area would be measured per family or equivalent rather than minimum acreage. The Proposed Zoning district would require 2,000 square feet of lot area per family, permitting a maximum of approximately 152 units.

*Floor Area Ratio and Lot Coverage*

As described below in Table No. 5, *Floor Area Ratio and Lot Coverage*, the existing building on the Property has approximately 75,000 square feet of floor area, and a Floor Area Ratio (FAR) of 0.25. Under these existing conditions, the site has approximately 25,000 square feet of building coverage and 240 parking spaces, for approximately 135,400 square feet of total lot coverage (approximately 44% of the lot area). Existing zoning permits a maximum FAR of 0.3, indicating the potential for as-of-right expansion of approximately 16,000 square feet of floor area. Under full build out conditions, there would be approximately 8,000 additional square feet of building coverage and approximately 105 additional parking spaces would be required, increasing the total lot coverage to approximately 58%.

The Proposed RA-6 Zoning District would permit an FAR of 0.8, or approximately 244,500 square feet of floor area on the Property. Therefore, full build out of the Property under Proposed Zoning would permit approximately 75,000 square feet of building coverage at maximum height, and underground parking would be required for a total lot coverage of approximately 108,600 square feet (approximately 36% of the lot area). This is the maximum FAR and coverage that would be permitted on the Property in the Proposed Action. Therefore, under Proposed Zoning, total site coverage would be reduced by approximately 27,000 square feet from what the existing zone permits. See Figure No. 5, *Site Development Analysis – Impervious Coverage*, attached at the end of this memo.

**Table No. 5. *Floor Area Ratio and Lot Coverage***

	Maximum FAR	Maximum Floor Area	Building Coverage (SF / Percent of Lot Area)	Lot Coverage (SF / Percent of Lot Area)
<b>Existing Office Building – B-4</b>	0.25	76,000 SF	28,000 / 9%	135,400 / 44%
<b>Potential Office Build-out – B-4</b>	0.30	91,500 SF	36,600 / 12%	176,200 / 58%
<b>Proposed Zoning – RA-6</b>	0.80	244,500 SF	75,300 / 25%	108,650 / 36%

As described above, the increased FAR and building coverage under Proposed Zoning is offset by the requirement of underground parking, which preserves approximately two-thirds of the site as open green space, to be attractively landscaped and maintain the existing character of the community. As described below in the Surface Parking Alternative, if underground parking is



not required by zoning, potential coverage rates would be more than double the rate in the Proposed Project. See Table No. 5, *Floor Area Ratio and Lot Coverage*.

#### Yard Dimensions

As described below in Table No. 6, *Minimum Yard Dimensions*, the existing office building meets the minimum yard dimensions for the front and one side yard at 100 feet each. The total of the two current side yards, however, is 300 feet, which exceeds the 200-foot minimum that is required. The current rear yard is approximately 290', also in excess the 100-foot minimum that is required. In short, existing zoning would permit building expansion into one side or the rear yard area.

Under Proposed Zoning, yard dimensions would either be maintained from the existing zone or adjusted to be greater than or equal to dimensions in the City's other multi-family districts, as described above. The front yard dimension would be maintained at 100 feet. One side yard would be 40 feet, and the total of the two side yards would be 100 feet. The rear yard, which abuts the parking area of a commercial property in the case of the Project Site, would be 25 feet. The yard dimensions in the Proposed Project would be generally more conservative than the minimum requirements permitted in the Proposed Action.

**Table No. 6, *Minimum Yard Dimensions***

	Front Yard	One Side Yard	Total of Two Side Yards	Rear Yard
<b>Existing Office Building (B-4)</b>	100'	100'	300'	290'
<b>Potential Office Build-out (B-4)</b>	100'	100'	200'	100'
<b>Proposed Zoning (RA-6)</b>	100'	40'	100'	25'

#### Building Height

The existing building is 40 feet in height over three stories. Current zoning would maintain the three-story limit, but would permit a building 45 feet in height.

Proposed zoning would maintain the existing 45-foot height limit, with an increase from three to four stories. The increase in stories corresponds with the change in use, as typical residential buildings have a smaller distance between stories than office buildings. Although the Project Site does not contain steep slopes, there is a gradual but significant change in ground elevation from approximately 50 feet at the southeast corner to approximately 100 feet at the northwest. The Proposed Project has been designed to accommodate this topography with the average height being maintained as the elevation changes. See Figure No. 6, *Building Height Diagram*, Figure No. 7, *Site Section Diagram*, and Figure No. 8, *Site Section Diagram – Proposed Building*.

### **Multi-Family Housing Mass and Density Analysis**

Table No. 7 below summarizes the building mass and density characteristics of comparable multi-family residence developments in the City of Rye. These sites are located in different zoning districts and may be subject to different permits or restrictions, but are intended to provide a point of comparison for the scales of mass and density that exist within the City's multi-family residence developments. Aerial and street-level imagery for each property is provided at the end of this memo.



The proposed development of the Project Site would be less intense from a bulk and density perspective than all but The Osborn.

**Table No. 7, Summary of Comparable Properties in Rye**

Property	Lot Area (AC)	Floor Area (SF)	FAR	Units	Density (Units/Acre)	Height		Yard			Parking	
						Feet	Stories	Front	Side	Rear	Spaces	Spaces/Unit
Rye Manor <sup>1</sup>	1.9	71,000	0.86	100	53	50'	4	95'	30'/50'	30'	34	0.34
The Osborn <sup>1</sup>	55.9	N/A	N/A	377	7	N/A	5	160'	160'	160'	484	1.28
Highland Hall <sup>2</sup>	1.23	86,153	1.61	102	83	N/A	4	30'	5'	15'	0	0
Blind Brook Lodge <sup>2</sup>	2.7	134,401	1.14	137	51	N/A	6	30'	5'	30'	76	0.55
<b>120 Old Post Road</b>												
Proposed Zoning	7.01	244,500	0.80	152	21	45'	4	100'	40'/100'	25'	168	1.25
Proposed Project	7.01	222,500	0.73	135	19	45'	4	100'	100'/200'	25'	205	1.51

<sup>1</sup>Data obtained through City of Rye Site Plan Approval Records and confirmed with City of Rye GIS.

<sup>2</sup>Data obtained through the City of Rye Tax Assessment Cards and confirmed with City of Rye GIS.

Below, Table No. 8 summarizes the building mass and density characteristics of comparable multi-family developments in other municipalities in the region. As noted in the table, these properties may have different classifications than the Proposed Project, but the figures below are for their residential components. Available imagery for each property is provided at the end of this memo. The proposed development of the Project Site is generally less intense from a bulk and density perspective than these other projects, except for The Ambassador which is an assisted living facility.

**Table No. 8, Summary of Comparable Properties in Other Municipalities**

Property	Lot Area (AC)	Floor Area (SF)	FAR	Units	Density (Units/Acre)	Height		Yard			Parking	
						Feet	Stories	Front	Side	Rear	Spaces	Spaces/Unit
The Cambium, Larchmont <sup>1</sup>	2.94	222,075	1.17	186	63	75'	6	15'	15'	15'	267	1.44
Christie Place, Scarsdale <sup>2</sup>	1.73	105,500	1.4	42	24	46'	4	N/A	N/A	N/A	67	1.6
The Ambassador, Scarsdale <sup>3</sup>	6.98	119,779	0.4	115	16.7	N/A	3	40'	25'	30'	43	0.37
<b>120 Old Post Road</b>												
Proposed Zoning	7.01	244,500	0.80	152	21	45'	4	100'	40'/100'	25'	168	1.25
Proposed Project	7.01	222,500	0.73	135	19	45'	4	100'	100'/200'	25'	205	1.51

<sup>1</sup> Mixed use development; Data obtained through City of Mamaroneck Site Plan Approval Records and Westchester County GIS

<sup>2</sup> Mixed use development; Data obtained from Scarsdale Town Planner and As-Built Survey.

<sup>3</sup> Assisted living facility; Data obtained from Scarsdale Town Planner and As-Built Survey.

### ***Surface Parking Alternative***

The Applicant has contemplated an alternative plan in which surface level parking would be permitted in lieu of the requirement for structured, subterranean parking. See Figure No. 9, *Surface Parking Alternative*. With the same dimensional constraints that the Proposed Action would permit, this alternative would have an approximate FAR of 0.8, and building coverage of approximately 60,000 square feet. The surface parking area would cover approximately 118,000 square feet for total lot coverage of 178,000 square feet (58% of the total lot area). In order to provide parking spaces at the ratio required in the Proposed Action, the series of four-story buildings shown in Figure 9 would also require more permissive setbacks than the Action proposes.

Although surface parking would likely save construction costs, significant impacts to stormwater management and visual resources could be anticipated in this alternative. Potential lot coverage rates would be nearly double what the Proposed Action would permit, and this alternative would limit the Applicant's ability to provide a site-sensitive design with an attractive landscape plan and adequate stormwater management facilities. This alternative illustrates the crucial role that subterranean parking would play in the Proposed Action's ability to preserve open green space, maintain community character, and minimize lot coverage. In sum, the applicant believes that this alternative would lead to a less desirable outcome for residents of the Project and the neighboring community, and requiring underground parking will help to mitigate these impacts.

### ***Land Use***

The Project Site is bordered by Playland Access Drive to the northeast with access to Playland Parkway located at the Site's northeast corner. Old Post Road forms the southeast border with single family homes extending south and east of the Project Site, and to the north and east beyond Playland Parkway. The Site is also adjacent to The Osborn retirement community to the southwest, and WESTMED Medical Group's Rye office to the northwest. Additional office uses extend north and south of the Project Site, with additional multi-family residences to the southwest and north along Theall Road. In the larger context, the Project Site is located at the edge of an office district, with a variety of different land uses in the area which are generally characterized by single and multi-family residences, office buildings, institutional and public assembly spaces, cemeteries, public parks and parkway lands, nature preserves, and vacant land. See Figure No. 10, *Area Land Use Map*.

We believe the age-restricted luxury rental apartment building would provide an ideal transition between the residential community and office building district. It would also complement the scale and use characteristics of The Osborn as a multi-family residential community for senior citizens, while diversifying housing options in Rye specifically for active adults who do not require nursing care but no longer have the necessity of maintaining the costs of home ownership. See Figures 11, 12, and 13, *Conceptual Renderings*.

The City of Rye's Development Plan was adopted in 1985, and intended to guide land use decisions in the City through the year 2000<sup>2</sup>. Although the Plan describes a "great pressure in Westchester County in recent years to build corporate office buildings [... which] has led to pressure from builders for the

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<sup>2</sup> City of Rye, NY. *City of Rye 1985 Development Plan*. Adopted April 23, 1985.

rezoning of Rye land from residential to commercial,” the Plan acknowledges that it “is not a static document to be followed without regard to changing conditions.” As previously stated, such conditions in the office market have changed significantly since the Plan’s adoption. However, the Proposed Action is consistent with the Plan’s goals and policies related to residential development as follows:

*II.1 Residential Development, Goal 4 – Provide an opportunity for the development of housing of various types, sizes, and costs to meet the needs of people at various stages in the life cycle, income, age levels, and household compositions, without compromising the integrity of Rye’s single family residential areas.*

Consistent with the Development Plan’s goal, the Proposed Action would provide an opportunity for living accommodations in Rye in a way that is not currently regulated in the Zoning Ordinance. It would address what the Plan identifies as “an increasing need to provide housing for senior citizens who are no longer able to (or wish to) maintain a home,” with a viable alternative for those older individuals seeking alternative housing arrangements who are able to remain active and independent.

Further, the Proposed Project’s location near the office buildings and major roadways is identified in the plan as highly desirable for redevelopment with higher density multi-family residences. Located within the Post Road Residential/ Institutional Area, its vicinity was “envisioned as a mixed use area blending in with the surrounding residential areas. Permitted uses would be a variety of residential uses and densities.” Therefore, it is expected that the project would enhance the integrity of the adjacent single family residential area by providing an added buffer of residential use between it and the office building district, with an aesthetic style that would complement the adjacent single family community as well as The Osborn.

## **FISCAL IMPACTS**

### ***Property Taxes***

The Project Site is subject to real property taxation by the City of Rye, the Rye City School District, Westchester County, and special benefit assessments for Westchester County (e.g., sewer and solid waste special districts). The project site currently has a full market value for assessment purposes of \$7,492,146. The City’s equalization rate is 1.91%, which results in an assessed value of \$143,100. The 2014 tax rates for the taxing jurisdictions are presented below in Table No. 9, *120 Old Post Road Current Tax Bill*.

The Project Site is currently occupied by one office tenant. As indicated above, the property has an assessed value of \$143,000. The existing tax generation from the site is provided below in Table No. 9, below.

**Table No. 9, 120 Old Post Road Current Tax Bill**

<i>Equalization Rate: 1.91%</i>				
	<b>Tax Rate (per \$1,000 value)</b>	<b>2014 Market Value Valuation</b>	<b>2014 Assessed Value</b>	<b>Tax Bill</b>
City of Rye	\$ 150.38	\$ 7,492,146	\$ 143,100	\$ 21,519
Rye School District	\$ 561.33	--	--	\$ 80,327
Westchester County	\$ 187.92	--	--	\$ 26,891
Refuse Disposal District	\$ 17.61	--	--	\$ 2,519
Blind Brook Sewer	\$ 29.68	--	--	\$ 4,248
<b>Total Tax Rate (Rye School District)</b>	<b>\$ 946.93</b>	<b>\$ 7,492,146</b>	<b>\$ 143,100</b>	<b>\$ 135.504</b>
<i>2014 numbers were obtained from the Westchester County Government's published Property Tax Rates and 2014 City of Rye Adopted Tax Rate.</i>				

As further detailed in the attached Proposed Property Tax Exposure Report prepared by McCarthy Appraisal / Consulting Svc. Inc. dated January 9, 2014, the Project could be anticipated to have a future market value for assessment purposes of approximately \$34,000,000, resulting in an approximate assessed value of \$650,414. This would obviously be a marked increase over the existing tax base. The details of this increase on the tax roll are set forth in Table No. 10, below.

**Table No. 10, 120 Old Post Road Anticipated Tax Bill based on 2014 Tax Rates**

<i>Equalization Rate: 1.91%</i>				
	<b>Tax Rate (per \$1,000 value)</b>	<b>Anticipated Market Value Valuation</b>	<b>Anticipated Assessed Value</b>	<b>Approx. Tax Bill</b>
City of Rye	\$ 150.38	\$ 34,053,067	\$ 650,414	\$ 97,809
Rye School District	\$ 561.33	--	--	\$ 365,096
Westchester County	\$ 187.92	--	--	\$ 122,225
Refuse Disposal District	\$ 17.61	--	--	\$ 11,453
Blind Brook Sewer	\$ 29.68	--	--	\$ 19,310
<b>Total Tax Rate (Rye School District)</b>	<b>\$ 946.93</b>	<b>\$ 34,053,067</b>	<b>\$ 650,414</b>	<b>\$ 615,896</b>
<i>2014 numbers were obtained from the Westchester County Government's published Property Tax Rates and 2014 City of Rye Adopted Tax Rate.</i>				

In total, the Project is anticipated to produce an increase of approximately \$480,000 in tax total tax revenue. Perhaps most significantly, as the Project will be an age-restricted residential community there will be no additional burden on the Rye City School District caused by the Project, while generating approximately \$280,000 in additional School Taxes.

### **Service Costs**

The Subject Property is located within the City of Rye, and is presently served by the Rye Police Department, Rye Fire Department, Rye Public Works, and the Port Chester-Rye-Rye Brook

Volunteer Ambulance Corps. The existing and potential fiscal impacts of community services for its current and proposed land use have been considered by analyzing the Property within the context of all properties in Rye that receive these services. Based on 2014 tax rates, the Property currently has a full market value of \$7.5 million, and an assessed value of \$143,100. As per the City of Rye Annual Budget adopted for 2014, the City's total assessed value was \$165,669,516. Therefore, the Property currently accounts for approximately 0.09% of the value of City property that is currently covered by the City's services. As indicated above with regard to property taxes, the Proposed Action would permit residential use on the Property, and the resulting project would have an anticipated assessed value of \$650,414. Based on the methodology above, the Project's anticipated portion of the City's assessed value would be 0.39%.

It is the applicant's opinion that this change in use for an existing developed property represents such a small portion of the overall property to be served, and therefore no significant adverse impacts would be anticipated for overall departmental operations or City budgeting. As per Tables 9 and 10 above, the Property's 2014 tax bill for the City of Rye taxes was \$21,519, and with the Proposed Project it would be approximately \$97,809. Table 11 below outlines the applicable service costs that could potentially increase from the existing to the proposed conditions, their portion of the 2014 Combined Operating budget, and how those same portions could be applied to the existing and proposed bills for City taxes.

**Table No. 11, City of Rye Operating Budget, Services and 120 Old Post Road City Tax Bill**

			Existing Tax Bill	Proposed Tax Bill
Combined Operating Budget	\$ 50,371,169	100%	\$ 21,519	\$ 97,809
Police Services	\$ 9,214,601	18%	\$ 3,873	\$ 17,606
Fire Department	\$ 4,993,909	10%	\$ 2,152	\$ 9,781
Emergency Medical Services	\$ 221,748	0.4%	\$ 86	\$ 391
Sanitation Services	\$ 3,934,282	8%	\$ 1,722	\$ 7,824
Senior Adult Programs	\$ 8,600	0.1%	\$ 22	\$ 98

It should be noted that some City services are generally supported as pay for use services, and as such would not increase the City budget. Based on information described in the 2014 City Budget, emergency medical services are provided by a contract service agency using their own facilities, equipment, supplies and staff, and are costs that are typically charged to the individual seeking services. In addition, senior adult programs are part of the City's culture and recreation services, and typically charge participants for various programs, realizing revenue that exceeds the Budget's allocated cost. Overall, even if minor costs were incurred as a result of the change in use of the property, the anticipated increased revenue from City taxes as described above would likely exceed these costs.

### **Police and EMS Service Calls**

The following table summarizes calls made to the Rye Police Department from 2010 to 2013, from the Rye Manor apartments, located at 300 Theall Road in Rye. Rye Manor was selected for this analysis because it is the only other age-restricted multi-family residence development in Rye. As noted in the table, calls are categorized by their respective CFS codes, with the exception of calls classified as "other," which represents calls received in low volumes across various categories. Calls classified as



“other” include reports of missing persons, hit and run accidents, larceny, property damage, disorderly conduct, city code violations, illegally parked vehicles, flood conditions, unattended deaths, noise complaints, requests to assist other police departments, and hang-ups.

**Table No. 12, *Summary of Police Service Calls from 300 Theall Road***

<b>RMS CFS Code<sup>1</sup></b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
Ambulance Request – CFS.013	28	22	19	12
Aided Case – CFS.012	20	18	13	17
Assist Citizen – CFS.014	12	21	11	8
Are You Ok Resident Check – CFS.246	18	11	1	2
Other	6	10	6	5
<b>Total Police Service Calls per Year</b>	<b>84</b>	<b>82</b>	<b>50</b>	<b>44</b>

<sup>1</sup>City of Rye Police Department, Incident Search Result Report for 300 Theall Rd, Rye NY, obtained from Rye City Planner.

## **CONCLUSION**

As described above, the existing office building at the Property has been mostly vacant for a significant period of time. As this condition is not isolated to the Property but is a macro-trend throughout Westchester County and other metropolitan areas, re-occupancy by substantial office use would be highly challenging and unlikely.

The Proposed Action would not only allow the property to be redeveloped and put back to sustainable use, it would also provide a housing opportunity that is not currently being offered within the City of Rye and would further reestablish the taxable value of the Property for real property tax purposes, which has continued to erode as the property has remained vacant. Furthermore, the Proposed Project would not create any additional strain on the Rye City School District as the development would expressly prohibit school age children from residing in the development. Therefore, it is the Applicant's view that the Proposed Action and Project present a reasonable and logical alternative for the potentially valuable and underutilized Property while at the same time achieving the goal of providing a diverse housing stock within the City of Rye in a form that is not currently available.

**Table No. 2. Existing and Proposed Multi-Family Zoning Districts & Bulk Regulations**

4	5	6	7	8	9	10	11	12	13	14	15	16	
District	Use	Maximum Ratio of Floor Area to Lot Area <sup>(i)</sup>	Minimum Size of Lot (AC or SF) per a. Family or Equiv. <sup>(i)</sup> or b. Nonresidential Use	Minimum Width (feet) [See § 197-36]	Minimum Yard Dimensions (feet)			Specified Distance (feet) as required in Column 2 (Uses)	Maximum Height		One-Story Accessory Structures		
					Front <sup>(b)</sup>	One Side <sup>(b)(c)</sup>	Total of Two Side Yards		Rear <sup>(b)</sup>	(stories)	(feet)	Maximum Coverage of Required Rear Yard	Minimum Distance to Side Lane (feet)
RA-1	Single-family house	0.40	5,000	50	25	8	20	30	40	2.5	35	30%	5
	Two-family house	0.40	5,000	60	25	8	20	30	--	2.5	35	30%	5
	Apartment house	0.40	5,000 <sup>(c)</sup>	100	70	50	100	50	--	2.5	35	30%	10
RA-2	Single-family house	0.45	5,000	50	25	8	20	50	30	2.5	35	30%	5
	Two-family house	0.45	3,500	60	25	8	20	50	--	2.5	35	30%	5
	Apartment house	0.45	3,500 <sup>(c)</sup>	100	25	20	50	40	--	2.5	35	30%	10
RA-3	Single-family house	0.50	5,000	50	25	8	20	30	20	2.5	35	35%	5
	Two-family house	0.50	3,000	60	25	8	20	30	--	2.5	35	35%	5
	Apartment house	0.50	2,500 <sup>(c)</sup>	80	25	20	40	40	--	2.5	40	35%	10
RA-4	Single-family house	0.50	5,000	50	25	8	20	30	--	2.5	35	35%	5
	Two-family house	0.50	3,000	60	25	8	20	30	--	2.5	35	35%	5
	Apartment house	0.50	2,500 <sup>(c)</sup>	80	25	20 <sup>(d)</sup>	40 <sup>(d)</sup>	40 <sup>(d)</sup>	--	2.5 <sup>(f)</sup>	35 <sup>(f)</sup>	35%	10
RA-5	Apartment house for senior citizens and handicapped persons	1.00	1 AC	80	25		40	40	--	4	50	35%	10
RA-6	Apartment house for active senior citizens	0.8	2,000	400	100	40	100	25	--	4	45	35%	10

- (a) Equivalent to one (1) family in computing minimum lot sizes:
- [1] Hotels and lodging houses, each two (2) guest sleeping rooms.
  - [2] Hospitals and similar institutions, each two (2) hospital beds.
  - [3] Medical offices, each two (2) doctors plus three (3) other employees.
  - [4] Other nonresidential main uses not specifically provided for in this Table of Regulations or elsewhere in Chapter 197, each one thousand five hundred (1,500) square feet of floor space.
- (b) [1] Whenever a required yard about a street less than fifty (50) feet in width, the minimum yard dimension(s) shall be measured from a line of twenty-five (25) feet from parallel to the center line of said street.
- [2] No building shall be nearer than one hundred (100) feet to center line of Post Road between Mamaroneck town line and Central Avenue.
- (c) For corner lots, corner side yards at least one fifth (1/5) of the lot width at the location of the building, but need not be more than front yard minimum, except as provided in § 197-62. Permitted nonresidential main uses shall have minimum side yard one and one half (1 1/2) times width specified for a single-family house (See § 197-52).
- (d) Twenty-five (25) feet for any side yard containing a driveway serving more than six (6) parking spaces. For a one-, two-, or three-family structure existing on effective date of Chapter 197 (August 9, 1956) and proposed for conversion for up to four (4) families, the Board of Appeals may reduce side yard requirement to eight (8) feet. For side yard requirements for other apartments, see See § 197-54. For spacing between buildings on the same lot, see § 197-70. For the rear and side yards of apartment houses adjoining the right-of-way of a railroad, a parkway or a limited access highway, see § 197-64.
- (e) For usable open space requirement, see § 197-68.
- (f) For buildings in variable height apartment groups (a use permitted in RA-4 Districts subject to additional standards and requirements), see § 197-13.
- [g, h: omitted]
- (i) See § 197-43.1 for floor area ratio reductions for single-family residences on oversized properties in one-family districts.

**Table No. 3. *Bulk Characteristics of Regional Active Adult Zoning Districts***

Municipality	Maximum Ratio of Floor Area to Lot Area	Maximum Dwelling Units	Lot Building Coverage (%)	Lot Surface Coverage (%)	Required Parking Spaces Per Unit	Minimum Size of Lot (A/C)	Minimum Width (feet)	Minimum Yard Dimensions (feet)				Maximum Height	
								Front	One Side	Total of Two Side Yards	Rear	(stories)	(feet)
<b>Rye</b>	<b>0.8</b>	<b>21/AC</b>	<b>--</b>	<b>--</b>	<b>1.25</b>	<b>2,000 sq' min</b>	<b>125</b>	<b>100</b>	<b>40</b>	<b>100</b>	<b>25</b>	<b>4</b>	<b>45</b>
Carmel <sup>1</sup>	--	8/A/C	35%	--	1.5	5	125	40	--	--	--	2	40
Massapequa Park <sup>2</sup>	--	25/A/C	35%	--	1.5	2.5	--	25	25/35	50/70	25/50	2.5	30
Newburgh <sup>3</sup>	--	--	30%	80%	2	3	100	60	30	60	40	--	35
North Greenbush <sup>4</sup>	--	20/A/C	40%	--	1.4	2	--	40	40	80	40	Existing	Existing
Smithtown <sup>5</sup>	0.25	--	--	--	0.75	10	200	60	60	120	60	2.5	35

<sup>1</sup> Values based on Proposed Project and not proposed zoning standard. Values used for comparison purposes.

<sup>2</sup> Village of Carmel, NY; Chapter 183 Zoning, Article X VAC (Planned Adult Community) Residential Districts.

<sup>3</sup> Town of Carmel, NY; Chapter 156 Zoning, Section 39 Senior Citizen Multifamily Dwellings.

<sup>4</sup> Village of Massapequa Park, NY; Chapter 334 Zoning, Article VII "Golden Age Dwellings".

<sup>5</sup> Town of Newburgh, NY; Chapter 185 Zoning, Section 48 "Senior Citizen Housing".

<sup>6</sup> Town of North Greenbush, NY; Chapter 197 Zoning, Article XV "Senior Citizen Housing District".

<sup>7</sup> Town of Smithtown, NY; Chapter 322 Zoning, Article VII "Retirement Community District".



**Table No. 4. 120 Old Post Road - Existing and Proposed Zoning Districts**

Zoning Compliance & Maximum Site Build Out	B-4 <sup>1</sup>		RA-6			
	Existing Office Building	Zoning-Compliant Maximum Build Out	Active Senior Residence District	Proposed Apartment House		
Maximum Floor Area Ratio	0.25	0.3	0.8	0.73		
Minimum Size of Lot per a. Family or Equiv. or b. Nonresidential Use	7 AC	7 AC	2,000 SF	2,280		
Minimum Yard Dimensions (feet)						
Front	200'	100'	100'	100'		
One Side	100'	100'	40'	100'		
Total of Two Side Yards	390'	200'	100'	125'		
Rear	100'	100'	25'	25'		
Maximum Height						
Stories	3	3	4	4		
Feet	40'	45'	45'	45'		
Parking Requirement <sup>2</sup> (approx.)	240 Spaces	345 Spaces	1.25 Spaces/ Unit	205 Spaces (168 req.)		
Project Development Analysis						
Total Building Floor Area	SF 75,000	% Coverage 0.25	SF 91,600	% Coverage 0.30	SF <sup>4</sup> 244,260	% Coverage <sup>4</sup> 0.80
Total Impervious Coverage	135,400	44%	176,200	58%	108,650	36%
Building Footprint	28,000	9%	36,600	12%	75,300	25%
Paved Area	107,400	35%	139,600	46%	33,350	11%

1 City of Rye, Chapter 197 "Zoning," Art. 2

2 Based on § 197-28 "Schedule of off-street parking requirements," which provides 7 spaces per 10 people employed or intended to be employed in office buildings or other permitted uses in the B-4 District. Parking ratio for maximum build out conditions is estimated at 3.8/1000 SF

3 Potential build out conditions are estimated using existing conditions and are prorated by F.A.R. regulations.

4 Coverage calculations are based on the lot area of the Project Site, which is approximately 7.01 acres or 305,322 square feet.





# ILLUSTRATIVE SITE PLAN

120 OLD POST ROAD  
 RYE, NY

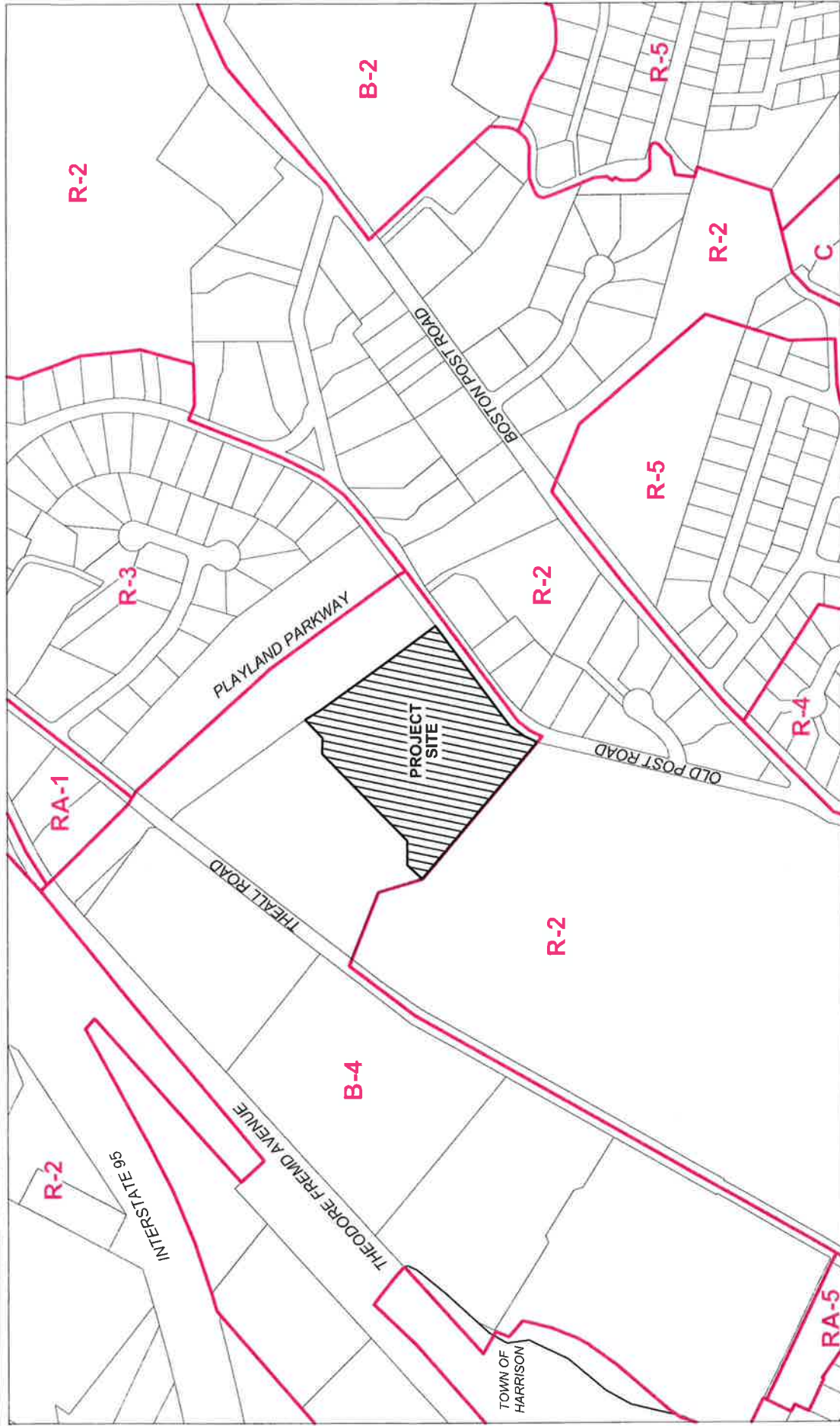
AWR/SAR 06 - 1/12/2015 revised 6/2/2016



DWYER, TUNG & SCHWABE  
 Landscape Architects  
 100 West 10th Street  
 New York, NY 10011  
 Tel: 212 333 3333  
 Fax: 212 333 3334  
 www.dwtung.com





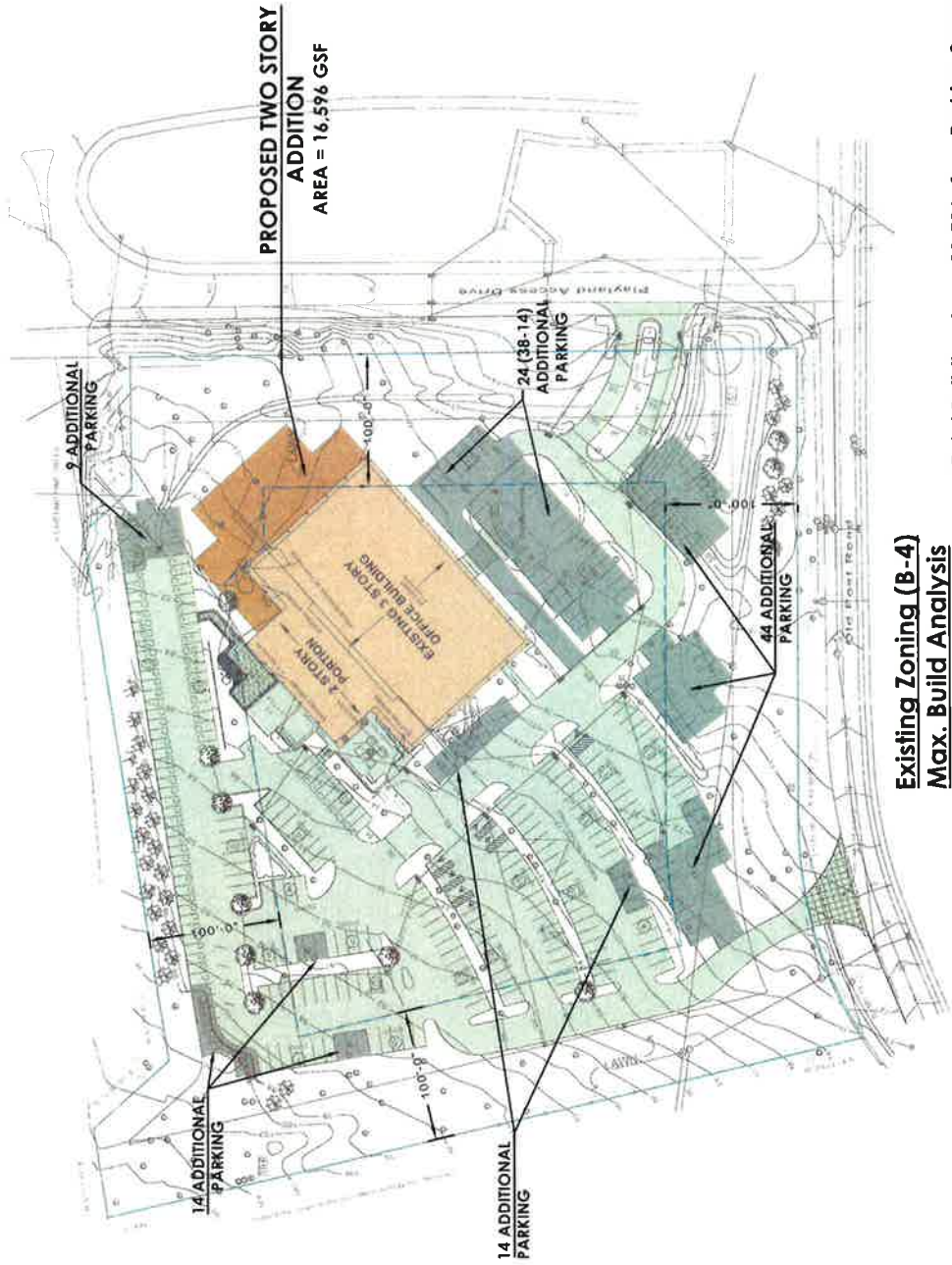


AREA ZONING MAP

120 OLD POST ROAD  
CITY OF RYE, NEW YORK

FIGURE NO. 2

DOWNEY TUNG SCHWABE  
ARCHITECTS LLP



### Existing Zoning (B-4)

#### Max. Build Analysis

FAR: 0.30  
 Max. Floor Area: 91,596 sf  
 Site Area ~ 305,322 sf

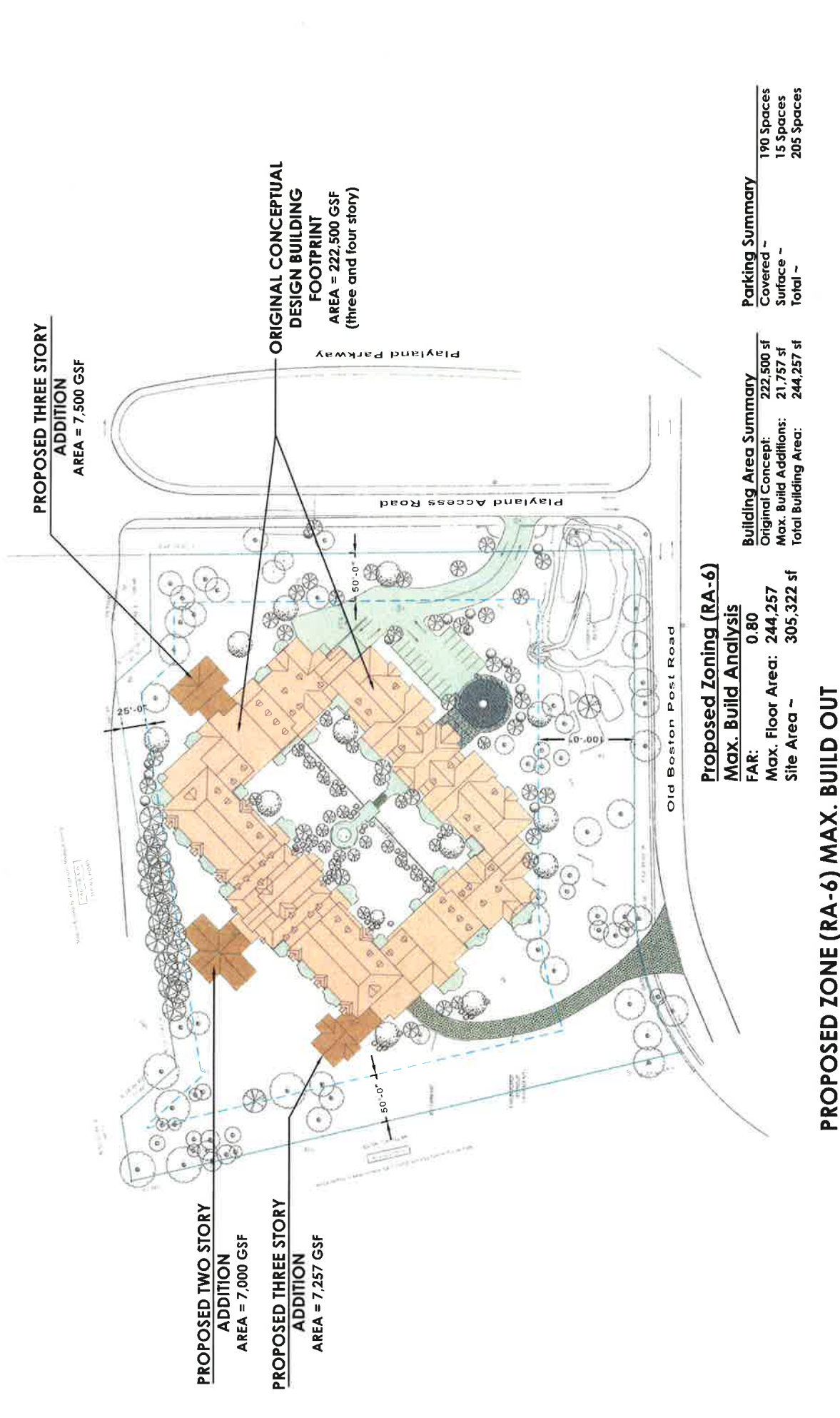
<b>Total Building Area: 91,596 sf</b>	
Existing Building:	75,000 sf
Proposed Addition:	16,596 sf
(Two story @ 8,250 sf per floor)	
<b>Parking Summary</b>	
Existing ~	240 Spaces
Proposed:	105 Spaces
Total ~	345 Spaces
Parking Ratio ~	3.8/1000

## EXISTING ZONE (B-4) MAX. BUILD OUT

120 OLD POST ROAD  
 RYE, NY

DIVNEY • TUNG • SCHWALBE  
 ARCHITECTS  
 375 WEST 125TH STREET  
 NEW YORK, NY 10027  
 TEL: 212 692 1234  
 FAX: 212 692 1235  
 WWW.DTSCHWALBE.COM





**Proposed Zoning (RA-6)**

**Max. Build Analysis**

FAR: 0.80  
 Max. Floor Area: 244,257  
 Site Area ~ 305,322 sf

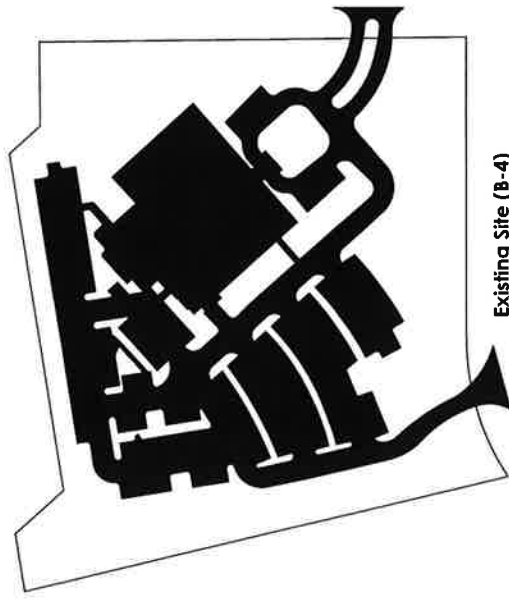
Building Area Summary	
Original Concept:	222,500 sf
Max. Build Additions:	21,757 sf
Total Building Area:	244,257 sf

Parking Summary	
Covered ~	190 Spaces
Surface ~	15 Spaces
Total ~	205 Spaces

**PROPOSED ZONE (RA-6) MAX. BUILD OUT**

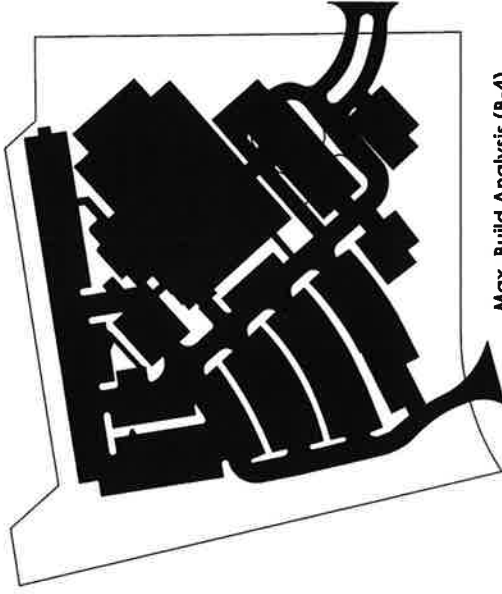

**Dwyer + Tug-Schwabe**  
 120 OLD POST ROAD  
 RYE, NY  
 AMT15AR06 - 3/3/2018 - Revised 6/3/2015





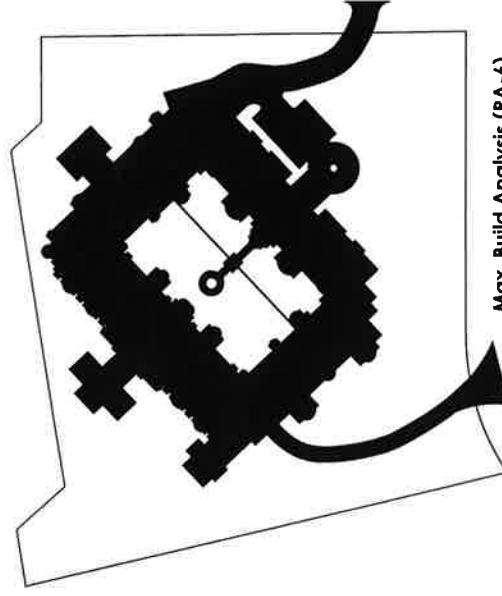
**Existing Site (B-4)**

Building Footprint ~ 27,935 sf  
 Paved Areas ~ 107,418  
 Total Impervious ~ 135,353  
 Site Area ~ 305,322  
 % Impervious ~ 44.33%



**Max. Build Analysis (B-4)**

Building Footprint ~ 36,505 sf  
 Paved Areas ~ 139,616  
 Total Impervious ~ 176,121  
 Site Area ~ 305,322  
 % Impervious ~ 57.68%



**Max. Build Analysis (RA-6)**

Building Footprint ~ 75,315 sf  
 Paved Areas ~ 33,347  
 Total Impervious ~ 108,662  
 Site Area ~ 305,322  
 % Impervious ~ 35.59%

**SITE DEVELOPMENT ANALYSIS - IMPERVIOUS CONDITIONS**

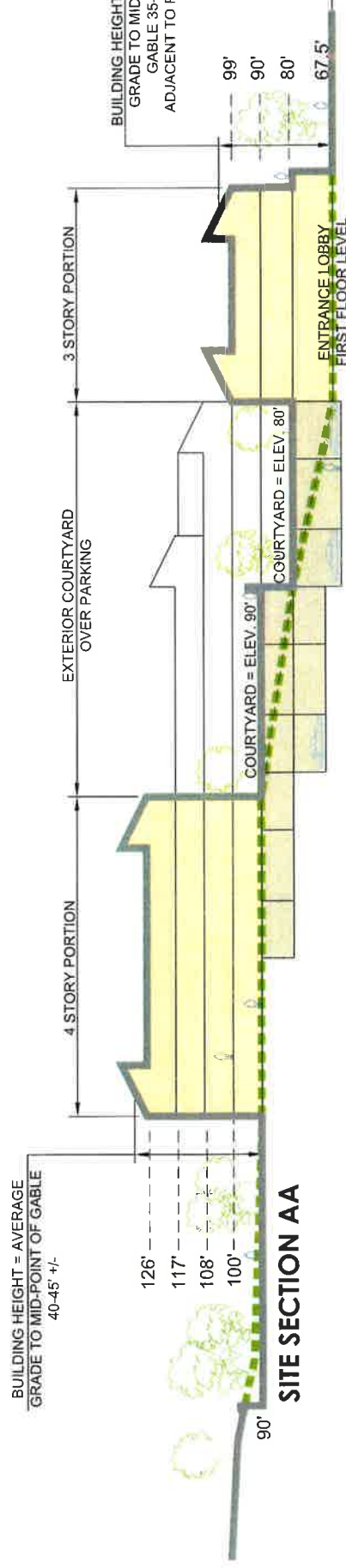
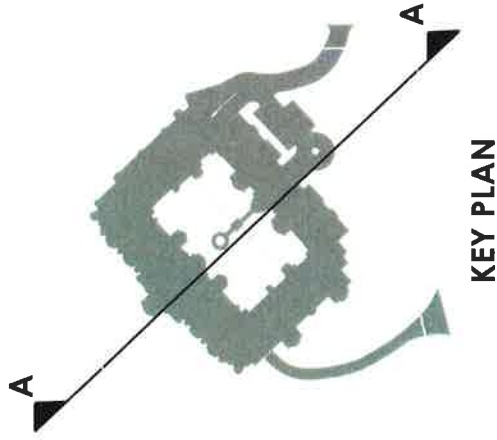
120 OLD POST ROAD  
 RYE, NY

AMERICAN - 3/6/2015, Revised 4/2/2015



DWYER • TUNG • SCHWALBE  
 Intelligent Land Use  
 200 West Street, Suite 200  
 New York, NY 10038  
 Tel: 212.693.1111





## BUILDING HEIGHT DIAGRAM

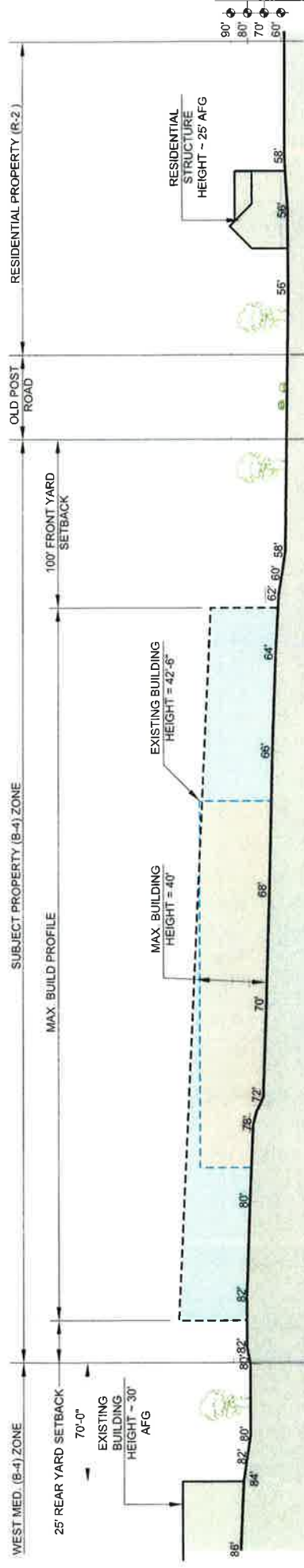
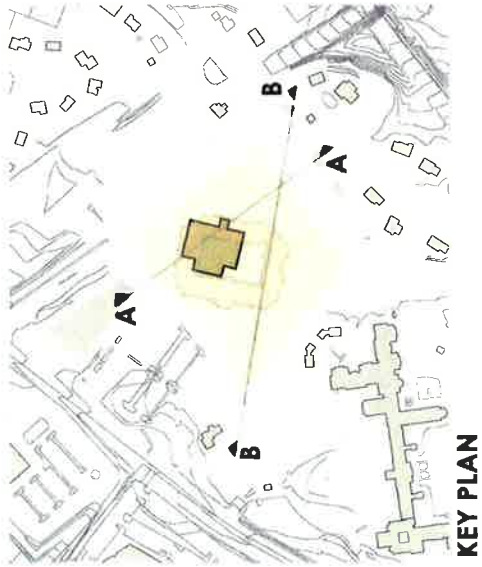
120 OLD POST ROAD  
RYE, NY

DATE: 11/22/2018, REVISED: 6/27/2018



**DIVNEY • TUNG • SCHWABE**  
ARCHITECTS LLP  
100 West 10th Street, Suite 200  
New York, NY 10011  
Tel: 212.279.1100  
Fax: 212.279.1101





**SITE SECTION DIAGRAM - AA**

**SITE SECTION DIAGRAM**

**120 OLD POST ROAD  
RYE, NY**

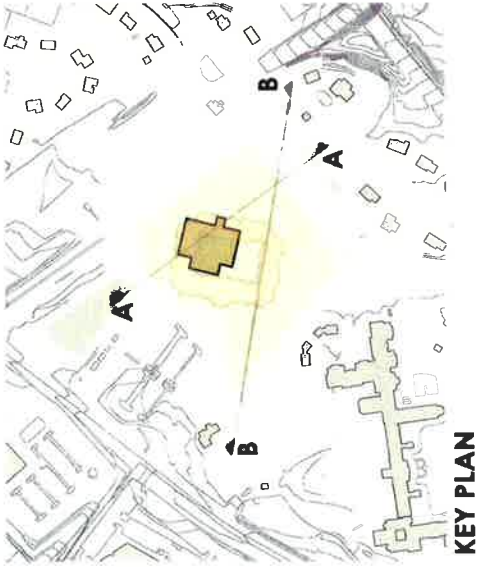
AWR/SLAR/CL - 3-31-2015, modified 4-2-2015



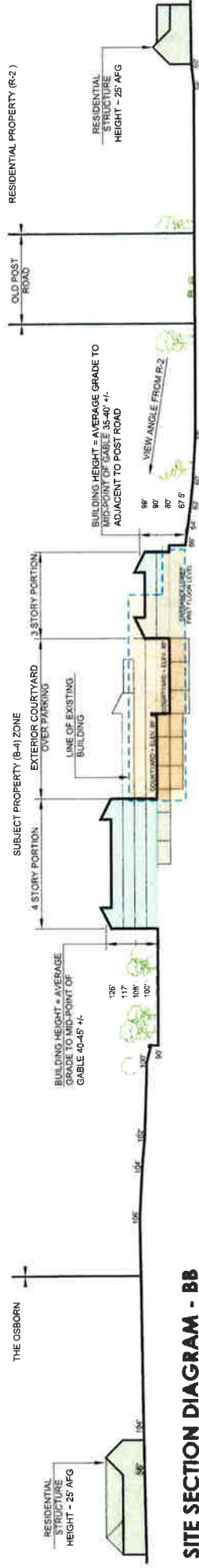
**DAVNEY • LUNG • SCHWARTZ**  
Architectural Firm  
100 Westchester Ave., Suite 200  
Rye, NY 10580  
Phone: (914) 937-1000  
Fax: (914) 937-1001  
www.dlsfirm.com







**KEY PLAN**



**SITE SECTION DIAGRAM - BB**

# **SITE SECTION DIAGRAM - PROPOSED BUILDING**

**120 OLD POST ROAD  
RYE, NY**

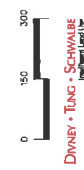
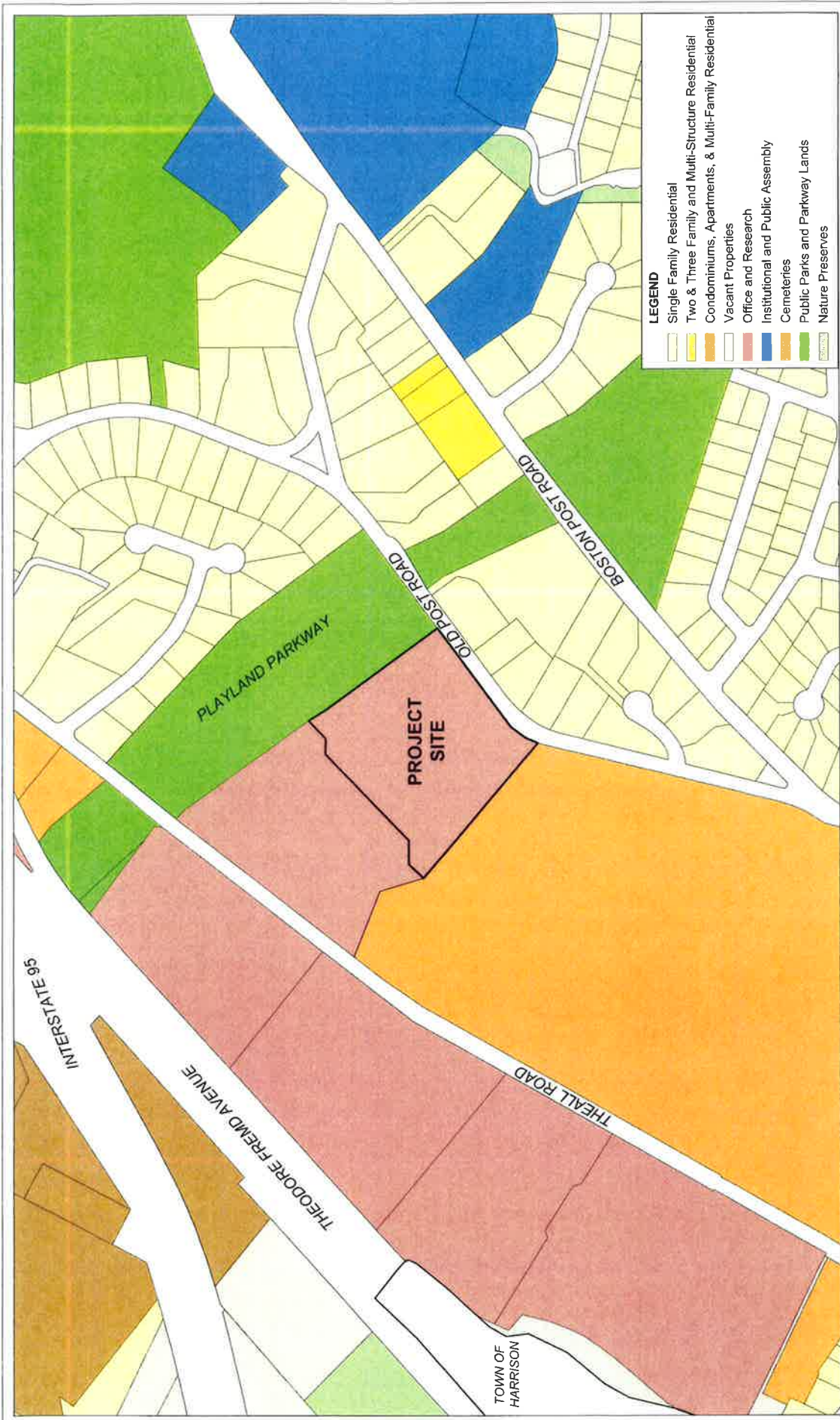
AWTISBARKER - 3-31-2015 REVISED 4-2-2015



**Design - TAC - Schematic**  
 Design - TAC - Schematic  
 TAC Engineering, LLC  
 1000 Avenue of the Americas, 10th Floor  
 New York, NY 10020  
 Tel: 212 693 0000







Dwyer • Tunc • Schwalbe  
PLANNERS

# AREA LAND USE MAP

120 OLD POST ROAD  
CITY OF RYE, NEW YORK





CONCEPTUAL RENDERING - VIEW FROM PLAYLAND ACCESS DRIVE

120 OLD POST ROAD

RYE, NY

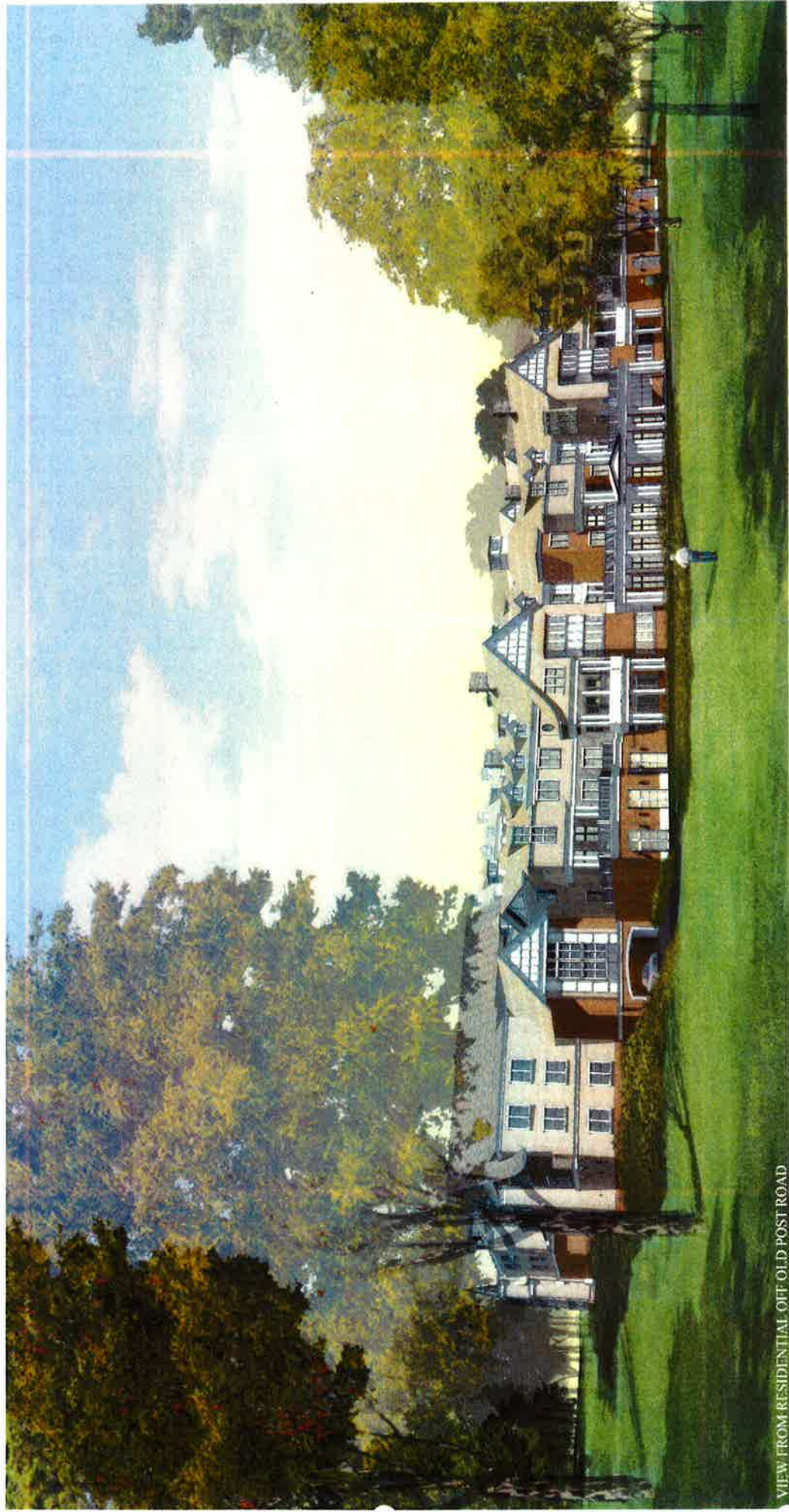
AWP15A-01 - 1-12-2015 6-2-2015

DWYER • TUNG • SCHWABE

ARCHITECTS  
200 WEST 10TH STREET  
NEW YORK, NY 10011  
TEL: 212 693 1000  
WWW.DTSCHWABE.COM







VIEW FROM RESIDENTIAL OFF OLD POST ROAD

# CONCEPTUAL RENDERING - VIEW FROM OLD POST ROAD

120 OLD POST ROAD  
 RYE, NY  
 AMSTERDAM 06-1-1-12-2016, REVISED 8-3-16



DIVNEY • TUNG • SCHWABE  
 Architects and Planners  
 100 West Broadway  
 New York, NY 10012  
 Tel: 212.691.1111  
 Fax: 212.691.1112








VIEW OF INTERIOR COURTYARD

CONCEPTUAL RENDERING - VIEW OF INTERIOR COURTYARD

120 OLD POST ROAD


RYE, NY

AWT/SAR/BL 11/2/2015 revised 6-2-2015



**DINNY + TUNG + SCHWABE**  
Architects

120 Old Post Road  
Rye, NY 10580  
Tel: 914.931.1234  
Fax: 914.931.1235  
www.dinnytung.com



N

**Full Environmental Assessment Form**  
**Part 1 - Project and Setting**

**Instructions for Completing Part 1**

**Part 1 is to be completed by the applicant or project sponsor.** Responses become part of the application for approval or funding, are subject to public review, and may be subject to further verification.

Complete Part 1 based on information currently available. If additional research or investigation would be needed to fully respond to any item, please answer as thoroughly as possible based on current information; indicate whether missing information does not exist, or is not reasonably available to the sponsor; and, when possible, generally describe work or studies which would be necessary to update or fully develop that information.

Applicants/sponsors must complete all items in Sections A & B. In Sections C, D & E, most items contain an initial question that must be answered either "Yes" or "No". If the answer to the initial question is "Yes", complete the sub-questions that follow. If the answer to the initial question is "No", proceed to the next question. Section F allows the project sponsor to identify and attach any additional information. Section G requires the name and signature of the project sponsor to verify that the information contained in Part 1 is accurate and complete.

**A. Project and Sponsor Information.**

Name of Action or Project: Rezoning of 120 Old Post Road		
Project Location (describe, and attach a general location map): 120 Old Post Road, City of Rye, Westchester County		
Brief Description of Proposed Action (include purpose or need): Rezoning of the property at 120 Old Post Road for an age-restricted, multi-family residential development.		
Name of Applicant/Sponsor: Old Post Road Associates LLP c/o Harfenist Kraut & Perlstein LLP		Telephone: 914-701-0800 E-Mail: jkraut@hkplaw.com
Address: 2975 Westchester Ave, Suite 415		
City/PO: Purchase	State: New York	Zip Code: 10577
Project Contact (if not same as sponsor; give name and title/role):		Telephone: E-Mail:
Address:		
City/PO:	State:	Zip Code:
Property Owner (if not same as sponsor):		Telephone: E-Mail:
Address:		
City/PO:	State:	Zip Code:

## B. Government Approvals

**B. Government Approvals, Funding, or Sponsorship.** ("Funding" includes grants, loans, tax relief, and any other forms of financial assistance.)

Government Entity	If Yes: Identify Agency and Approval(s) Required	Application Date (Actual or projected)
a. City Council, Town Board, <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No or Village Board of Trustees		
b. City, Town or Village <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Planning Board or Commission		
c. City Council, Town or <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Village Zoning Board of Appeals		
d. Other local agencies <input type="checkbox"/> Yes <input type="checkbox"/> No		
e. County agencies <input type="checkbox"/> Yes <input type="checkbox"/> No		
f. Regional agencies <input type="checkbox"/> Yes <input type="checkbox"/> No		
g. State agencies <input type="checkbox"/> Yes <input type="checkbox"/> No		
h. Federal agencies <input type="checkbox"/> Yes <input type="checkbox"/> No		
i. Coastal Resources. i. Is the project site within a Coastal Area, or the waterfront area of a Designated Inland Waterway? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No ii. Is the project site located in a community with an approved Local Waterfront Revitalization Program? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No iii. Is the project site within a Coastal Erosion Hazard Area? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		

## C. Planning and Zoning

### C.1. Planning and zoning actions.

Will administrative or legislative adoption, or amendment of a plan, local law, ordinance, rule or regulation be the only approval(s) which must be granted to enable the proposed action to proceed? ☒ Yes ☐ No

- If Yes, complete sections C, F and G.
- If No, proceed to question C.2 and complete all remaining sections and questions in Part I

### C.2. Adopted land use plans.

a. Do any municipally- adopted (city, town, village or county) comprehensive land use plan(s) include the site where the proposed action would be located? ☒ Yes ☐ No

If Yes, does the comprehensive plan include specific recommendations for the site where the proposed action would be located? ☐ Yes ☒ No

b. Is the site of the proposed action within any local or regional special planning district (for example: Greenway Brownfield Opportunity Area (BOA); designated State or Federal heritage area; watershed management plan; or other?) ☐ Yes ☒ No

If Yes, identify the plan(s):

---



---



---

c. Is the proposed action located wholly or partially within an area listed in an adopted municipal open space plan, or an adopted municipal farmland protection plan? ☐ Yes ☒ No

If Yes, identify the plan(s):

---



---



---



### C.3. Zoning

a. Is the site of the proposed action located in a municipality with an adopted zoning law or ordinance.  
If Yes, what is the zoning classification(s) including any applicable overlay district?

☒ Yes ☐ No

B-4 Office Building District

b. Is the use permitted or allowed by a special or conditional use permit?

☒ Yes ☐ No

c. Is a zoning change requested as part of the proposed action?

☒ Yes ☐ No

If Yes,

i. What is the proposed new zoning for the site? RA-6 Apartments for Active Senior Citizens

### C.4. Existing community services.

a. In what school district is the project site located? City of Rye

b. What police or other public protection forces serve the project site?

City of Rye

c. Which fire protection and emergency medical services serve the project site?

City of Rye

d. What parks serve the project site?

Project Site is adjacent to Playland Parkway Lands and approximately 1/4 mile from Rye Nature Center.

### D. Project Details

#### D.1. Proposed and Potential Development

a. What is the general nature of the proposed action (e.g., residential, industrial, commercial, recreational; if mixed, include all components)? Residential

b. a. Total acreage of the site of the proposed action? 7 acres

b. Total acreage to be physically disturbed? 7 acres

c. Total acreage (project site and any contiguous properties) owned or controlled by the applicant or project sponsor? 7 acres

c. Is the proposed action an expansion of an existing project or use?

☐ Yes ☒ No

i. If Yes, what is the approximate percentage of the proposed expansion and identify the units (e.g., acres, miles, housing units, square feet)? % Units:

d. Is the proposed action a subdivision, or does it include a subdivision?

☐ Yes ☒ No

If Yes,

i. Purpose or type of subdivision? (e.g., residential, industrial, commercial; if mixed, specify types)

ii. Is a cluster/conservation layout proposed?

☐ Yes ☐ No

iii. Number of lots proposed?

iv. Minimum and maximum proposed lot sizes? Minimum Maximum

e. Will proposed action be constructed in multiple phases?

☐ Yes ☒ No

i. If No, anticipated period of construction:

months

ii. If Yes:

- Total number of phases anticipated

- Anticipated commencement date of phase I (including demolition) month year

- Anticipated completion date of final phase month year

- Generally describe connections or relationships among phases, including any contingencies where progress of one phase may determine timing or duration of future phases:

f. Does the project include new residential uses? ☒ Yes ☐ No  
 If Yes, show numbers of units proposed.

	<u>One Family</u>	<u>Two Family</u>	<u>Three Family</u>	<u>Multiple Family (four or more)</u>
Initial Phase	_____	_____	_____	_____
At completion	_____	_____	_____	_____
of all phases	_____	_____	_____	135

g. Does the proposed action include new non-residential construction (including expansions)? ☐ Yes ☒ No  
 If Yes,

i. Total number of structures \_\_\_\_\_  
 ii. Dimensions (in feet) of largest proposed structure: \_\_\_\_\_ height; \_\_\_\_\_ width; and \_\_\_\_\_ length  
 iii. Approximate extent of building space to be heated or cooled: \_\_\_\_\_ square feet

h. Does the proposed action include construction or other activities that will result in the impoundment of any liquids, such as creation of a water supply, reservoir, pond, lake, waste lagoon or other storage? ☐ Yes ☒ No  
 If Yes,

i. Purpose of the impoundment: \_\_\_\_\_  
 ii. If a water impoundment, the principal source of the water: ☐ Ground water ☐ Surface water streams ☐ Other specify: \_\_\_\_\_  
 iii. If other than water, identify the type of impounded/contained liquids and their source. \_\_\_\_\_  
 iv. Approximate size of the proposed impoundment. Volume: \_\_\_\_\_ million gallons; surface area: \_\_\_\_\_ acres  
 v. Dimensions of the proposed dam or impounding structure: \_\_\_\_\_ height; \_\_\_\_\_ length  
 vi. Construction method/materials for the proposed dam or impounding structure (e.g., earth fill, rock, wood, concrete): \_\_\_\_\_

**D.2. Project Operations**

a. Does the proposed action include any excavation, mining, or dredging, during construction, operations, or both? ☐ Yes ☒ No  
 (Not including general site preparation, grading or installation of utilities or foundations where all excavated materials will remain onsite)  
 If Yes:

i. What is the purpose of the excavation or dredging? \_\_\_\_\_  
 ii. How much material (including rock, earth, sediments, etc.) is proposed to be removed from the site?  
     • Volume (specify tons or cubic yards): \_\_\_\_\_  
     • Over what duration of time? \_\_\_\_\_  
 iii. Describe nature and characteristics of materials to be excavated or dredged, and plans to use, manage or dispose of them. \_\_\_\_\_  
 \_\_\_\_\_  
 iv. Will there be onsite dewatering or processing of excavated materials? ☐ Yes ☐ No  
 If yes, describe. \_\_\_\_\_  
 \_\_\_\_\_  
 v. What is the total area to be dredged or excavated? \_\_\_\_\_ acres  
 vi. What is the maximum area to be worked at any one time? \_\_\_\_\_ acres  
 vii. What would be the maximum depth of excavation or dredging? \_\_\_\_\_ feet  
 viii. Will the excavation require blasting? ☐ Yes ☐ No  
 ix. Summarize site reclamation goals and plan: \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

b. Would the proposed action cause or result in alteration of, increase or decrease in size of, or encroachment into any existing wetland, waterbody, shoreline, beach or adjacent area? ☐ Yes ☒ No  
 If Yes:

i. Identify the wetland or waterbody which would be affected (by name, water index number, wetland map number or geographic description): \_\_\_\_\_  
 \_\_\_\_\_

ii. Describe how the proposed action would affect that waterbody or wetland, e.g. excavation, fill, placement of structures, or alteration of channels, banks and shorelines. Indicate extent of activities, alterations and additions in square feet or acres:

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

iii. Will proposed action cause or result in disturbance to bottom sediments? ☐ Yes ☐ No  
If Yes, describe: \_\_\_\_\_

iv. Will proposed action cause or result in the destruction or removal of aquatic vegetation? ☐ Yes ☐ No  
If Yes:

- acres of aquatic vegetation proposed to be removed: \_\_\_\_\_
- expected acreage of aquatic vegetation remaining after project completion: \_\_\_\_\_
- purpose of proposed removal (e.g. beach clearing, invasive species control, boat access): \_\_\_\_\_
- proposed method of plant removal: \_\_\_\_\_
- if chemical/herbicide treatment will be used, specify product(s): \_\_\_\_\_

v. Describe any proposed reclamation/mitigation following disturbance: \_\_\_\_\_

\_\_\_\_\_

c. Will the proposed action use, or create a new demand for water? ☒ Yes ☐ No  
If Yes:

i. Total anticipated water usage/demand per day: \_\_\_\_\_ 16,250 gallons/day

ii. Will the proposed action obtain water from an existing public water supply? ☒ Yes ☐ No  
If Yes:

- Name of district or service area: United Water
- Does the existing public water supply have capacity to serve the proposal? ☒ Yes ☐ No
- Is the project site in the existing district? ☒ Yes ☐ No
- Is expansion of the district needed? ☐ Yes ☒ No
- Do existing lines serve the project site? ☒ Yes ☐ No

iii. Will line extension within an existing district be necessary to supply the project? ☐ Yes ☒ No  
If Yes:

- Describe extensions or capacity expansions proposed to serve this project: \_\_\_\_\_
- Source(s) of supply for the district: \_\_\_\_\_

iv. Is a new water supply district or service area proposed to be formed to serve the project site? ☐ Yes ☒ No  
If Yes:

- Applicant/sponsor for new district: \_\_\_\_\_
- Date application submitted or anticipated: \_\_\_\_\_
- Proposed source(s) of supply for new district: \_\_\_\_\_

v. If a public water supply will not be used, describe plans to provide water supply for the project: \_\_\_\_\_

N/A

vi. If water supply will be from wells (public or private), maximum pumping capacity: \_\_\_\_\_ N/A gallons/minute.

d. Will the proposed action generate liquid wastes? ☒ Yes ☐ No  
If Yes:

i. Total anticipated liquid waste generation per day: \_\_\_\_\_ 14,775 gallons/day

ii. Nature of liquid wastes to be generated (e.g., sanitary wastewater, industrial; if combination, describe all components and approximate volumes or proportions of each): \_\_\_\_\_

Sanitary Discharge

\_\_\_\_\_

iii. Will the proposed action use any existing public wastewater treatment facilities? ☒ Yes ☐ No  
If Yes:

- Name of wastewater treatment plant to be used: Blind Brook Wastewater Treatment Facility
- Name of district: Blind Brook
- Does the existing wastewater treatment plant have capacity to serve the project? ☒ Yes ☐ No
- Is the project site in the existing district? ☒ Yes ☐ No
- Is expansion of the district needed? ☐ Yes ☒ No

<ul style="list-style-type: none"> <li>• Do existing sewer lines serve the project site? _____</li> <li>• Will line extension within an existing district be necessary to serve the project? _____</li> </ul> <p>If Yes:</p> <ul style="list-style-type: none"> <li>• Describe extensions or capacity expansions proposed to serve this project: _____</li> </ul>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
<p>iv. Will a new wastewater (sewage) treatment district be formed to serve the project site? _____</p> <p>If Yes:</p> <ul style="list-style-type: none"> <li>• Applicant/sponsor for new district: _____</li> <li>• Date application submitted or anticipated: _____</li> <li>• What is the receiving water for the wastewater discharge? _____</li> </ul> <p>v. If public facilities will not be used, describe plans to provide wastewater treatment for the project, including specifying proposed receiving water (name and classification if surface discharge, or describe subsurface disposal plans): _____</p>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
<p>N/A _____</p> <p>vi. Describe any plans or designs to capture, recycle or reuse liquid waste: _____</p> <p>N/A _____</p>	
<p>e. Will the proposed action disturb more than one acre and create stormwater runoff, either from new point sources (i.e. ditches, pipes, swales, curbs, gutters or other concentrated flows of stormwater) or non-point source (i.e. sheet flow) during construction or post construction? _____</p> <p>If Yes:</p> <p>i. How much impervious surface will the project create in relation to total size of project parcel?</p> <p style="margin-left: 40px;">_____ Square feet or _____ acres (impervious surface)</p> <p style="margin-left: 40px;">_____ Square feet or _____ acres (parcel size)</p> <p>ii. Describe types of new point sources. _____</p> <p>iii. Where will the stormwater runoff be directed (i.e. on-site stormwater management facility/structures, adjacent properties, groundwater, on-site surface water or off-site surface waters)? _____</p> <p style="margin-left: 40px;">_____</p> <ul style="list-style-type: none"> <li>• If to surface waters, identify receiving water bodies or wetlands: _____</li> <li>• Will stormwater runoff flow to adjacent properties? _____</li> </ul>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes <input type="checkbox"/> No
<p>iv. Does proposed plan minimize impervious surfaces, use pervious materials or collect and re-use stormwater? _____</p> <p>f. Does the proposed action include, or will it use on-site, one or more sources of air emissions, including fuel combustion, waste incineration, or other processes or operations? _____</p> <p>If Yes, identify:</p> <p>i. Mobile sources during project operations (e.g., heavy equipment, fleet or delivery vehicles) _____</p> <p>ii. Stationary sources during construction (e.g., power generation, structural heating, batch plant, crushers) _____</p> <p>iii. Stationary sources during operations (e.g., process emissions, large boilers, electric generation) _____</p>	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
<p>g. Will any air emission sources named in D.2.f (above), require a NY State Air Registration, Air Facility Permit, or Federal Clean Air Act Title IV or Title V Permit? _____</p> <p>If Yes:</p> <p>i. Is the project site located in an Air quality non-attainment area? (Area routinely or periodically fails to meet ambient air quality standards for all or some parts of the year) _____</p> <p>ii. In addition to emissions as calculated in the application, the project will generate:</p> <ul style="list-style-type: none"> <li>• _____ Tons/year (short tons) of Carbon Dioxide (CO<sub>2</sub>)</li> <li>• _____ Tons/year (short tons) of Nitrous Oxide (N<sub>2</sub>O)</li> <li>• _____ Tons/year (short tons) of Perfluorocarbons (PFCs)</li> <li>• _____ Tons/year (short tons) of Sulfur Hexafluoride (SF<sub>6</sub>)</li> <li>• _____ Tons/year (short tons) of Carbon Dioxide equivalent of Hydrofluorocarbons (HFCs)</li> <li>• _____ Tons/year (short tons) of Hazardous Air Pollutants (HAPs)</li> </ul>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes <input type="checkbox"/> No

h. Will the proposed action generate or emit methane (including, but not limited to, sewage treatment plants, landfills, composting facilities)? ☐ Yes ☒ No

If Yes:

i. Estimate methane generation in tons/year (metric): \_\_\_\_\_

ii. Describe any methane capture, control or elimination measures included in project design (e.g., combustion to generate heat or electricity, flaring): \_\_\_\_\_

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i. Will the proposed action result in the release of air pollutants from open-air operations or processes, such as quarry or landfill operations? ☐ Yes ☒ No

If Yes: Describe operations and nature of emissions (e.g., diesel exhaust, rock particulates/dust): \_\_\_\_\_

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j. Will the proposed action result in a substantial increase in traffic above present levels or generate substantial new demand for transportation facilities or services? ☒ Yes ☐ No

If Yes:

i. When is the peak traffic expected (Check all that apply): ☒ Morning ☐ Evening ☐ Weekend  
☐ Randomly between hours of \_\_\_\_\_ to \_\_\_\_\_

ii. For commercial activities only, projected number of semi-trailer truck trips/day: \_\_\_\_\_

iii. Parking spaces: Existing 240 Proposed 186 Net increase/decrease -54

iv. Does the proposed action include any shared use parking? ☐ Yes ☒ No

v. If the proposed action includes any modification of existing roads, creation of new roads or change in existing access, describe:  
N/A \_\_\_\_\_

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vi. Are public/private transportation service(s) or facilities available within ½ mile of the proposed site? ☒ Yes ☐ No

vii. Will the proposed action include access to public transportation or accommodations for use of hybrid, electric or other alternative fueled vehicles? ☒ Yes ☐ No

viii. Will the proposed action include plans for pedestrian or bicycle accommodations for connections to existing pedestrian or bicycle routes? ☒ Yes ☐ No

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k. Will the proposed action (for commercial or industrial projects only) generate new or additional demand for energy? ☐ Yes ☐ No

If Yes:

i. Estimate annual electricity demand during operation of the proposed action: \_\_\_\_\_

ii. Anticipated sources/suppliers of electricity for the project (e.g., on-site combustion, on-site renewable, via grid/local utility, or other): \_\_\_\_\_

iii. Will the proposed action require a new, or an upgrade to, an existing substation? ☐ Yes ☐ No

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l. Hours of operation. Answer all items which apply.

i. During Construction:

- Monday - Friday: \_\_\_\_\_
- Saturday: \_\_\_\_\_
- Sunday: \_\_\_\_\_
- Holidays: \_\_\_\_\_

ii. During Operations:

- Monday - Friday: \_\_\_\_\_
- Saturday: \_\_\_\_\_
- Sunday: \_\_\_\_\_
- Holidays: \_\_\_\_\_

<p>m. Will the proposed action produce noise that will exceed existing ambient noise levels during construction, operation, or both? <span style="float: right;"><input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</span></p> <p>If yes:</p> <p>i. Provide details including sources, time of day and duration:</p> <p>_____</p>	
<p>ii. Will proposed action remove existing natural barriers that could act as a noise barrier or screen? <span style="float: right;"><input type="checkbox"/> Yes <input type="checkbox"/> No</span></p> <p>Describe: _____</p>	
<p>n.. Will the proposed action have outdoor lighting? <span style="float: right;"><input checked="" type="checkbox"/> Yes <input type="checkbox"/> No</span></p> <p>If yes:</p> <p>i. Describe source(s), location(s), height of fixture(s), direction/aim, and proximity to nearest occupied structures:</p> <p>To be determined _____</p>	
<p>ii. Will proposed action remove existing natural barriers that could act as a light barrier or screen? <span style="float: right;"><input checked="" type="checkbox"/> Yes <input type="checkbox"/> No</span></p> <p>Describe: <u>Vegetation and Landscape Screening</u></p>	
<p>o. Does the proposed action have the potential to produce odors for more than one hour per day? <span style="float: right;"><input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</span></p> <p>If Yes, describe possible sources, potential frequency and duration of odor emissions, and proximity to nearest occupied structures: _____</p>	
<p>p. Will the proposed action include any bulk storage of petroleum (combined capacity of over 1,100 gallons) or chemical products 185 gallons in above ground storage or any amount in underground storage? <span style="float: right;"><input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</span></p> <p>If Yes:</p> <p>i. Product(s) to be stored _____</p> <p>ii. Volume(s) _____ per unit time _____ (e.g., month, year)</p> <p>iii. Generally describe proposed storage facilities: _____</p>	
<p>q. Will the proposed action (commercial, industrial and recreational projects only) use pesticides (i.e., herbicides, insecticides) during construction or operation? <span style="float: right;"><input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</span></p> <p>If Yes:</p> <p>i. Describe proposed treatment(s):</p> <p>_____</p> <p>_____</p>	
<p>ii. Will the proposed action use Integrated Pest Management Practices? <span style="float: right;"><input type="checkbox"/> Yes <input type="checkbox"/> No</span></p>	
<p>r. Will the proposed action (commercial or industrial projects only) involve or require the management or disposal of solid waste (excluding hazardous materials)? <span style="float: right;"><input type="checkbox"/> Yes <input type="checkbox"/> No</span></p> <p>If Yes:</p> <p>i. Describe any solid waste(s) to be generated during construction or operation of the facility:</p> <ul style="list-style-type: none"> <li>• Construction: _____ tons per _____ (unit of time)</li> <li>• Operation : _____ tons per _____ (unit of time)</li> </ul> <p>ii. Describe any proposals for on-site minimization, recycling or reuse of materials to avoid disposal as solid waste:</p> <ul style="list-style-type: none"> <li>• Construction: _____</li> <li>• Operation: _____</li> </ul> <p>iii. Proposed disposal methods/facilities for solid waste generated on-site:</p> <ul style="list-style-type: none"> <li>• Construction: _____</li> <li>• Operation: _____</li> </ul>	

s. Does the proposed action include construction or modification of a solid waste management facility? ☐ Yes ☒ No

If Yes:

i. Type of management or handling of waste proposed for the site (e.g., recycling or transfer station, composting, landfill, or other disposal activities): \_\_\_\_\_

ii. Anticipated rate of disposal/processing:

- \_\_\_\_\_ Tons/month, if transfer or other non-combustion/thermal treatment, or
- \_\_\_\_\_ Tons/hour, if combustion or thermal treatment

iii. If landfill, anticipated site life: \_\_\_\_\_ years

t. Will proposed action at the site involve the commercial generation, treatment, storage, or disposal of hazardous waste? ☐ Yes ☒ No

If Yes:

i. Name(s) of all hazardous wastes or constituents to be generated, handled or managed at facility: \_\_\_\_\_

ii. Generally describe processes or activities involving hazardous wastes or constituents: \_\_\_\_\_

iii. Specify amount to be handled or generated \_\_\_\_\_ tons/month

iv. Describe any proposals for on-site minimization, recycling or reuse of hazardous constituents: \_\_\_\_\_

v. Will any hazardous wastes be disposed at an existing offsite hazardous waste facility? ☐ Yes ☐ No

If Yes: provide name and location of facility: \_\_\_\_\_

If No: describe proposed management of any hazardous wastes which will not be sent to a hazardous waste facility: \_\_\_\_\_

#### E. Site and Setting of Proposed Action

**E.1. Land uses on and surrounding the project site**

a. Existing land uses.

i. Check all uses that occur on, adjoining and near the project site.

☐ Urban ☐ Industrial ☒ Commercial ☒ Residential (suburban) ☐ Rural (non-farm)

☐ Forest ☐ Agriculture ☐ Aquatic ☐ Other (specify): Parkway, Institutional

ii. If mix of uses, generally describe: \_\_\_\_\_

b. Land uses and covertypes on the project site.

Land use or Covertype	Current Acreage	Acreage After Project Completion	Change (Acres +/-)
• Roads, buildings, and other paved or impervious surfaces	3.0	1.8	-1.2
• Forested			
• Meadows, grasslands or brushlands (non-agricultural, including abandoned agricultural)			
• Agricultural (includes active orchards, field, greenhouse etc.)			
• Surface water features (lakes, ponds, streams, rivers, etc.)			
• Wetlands (freshwater or tidal)			
• Non-vegetated (bare rock, earth or fill)			
• Other Describe: <u>Lawn and Landscaped Area</u>	4.0	5.2	+1.2

c. Is the project site presently used by members of the community for public recreation? ☐ Yes ☒ No  
i. If Yes: explain: \_\_\_\_\_

d. Are there any facilities serving children, the elderly, people with disabilities (e.g., schools, hospitals, licensed day care centers, or group homes) within 1500 feet of the project site? ☒ Yes ☐ No  
If Yes,  
i. Identify Facilities:  
The Osborn Senior Living Facility  
\_\_\_\_\_

e. Does the project site contain an existing dam? ☐ Yes ☒ No  
If Yes:  
i. Dimensions of the dam and impoundment:  
• Dam height: \_\_\_\_\_ feet  
• Dam length: \_\_\_\_\_ feet  
• Surface area: \_\_\_\_\_ acres  
• Volume impounded: \_\_\_\_\_ gallons OR acre-feet  
ii. Dam's existing hazard classification: \_\_\_\_\_  
iii. Provide date and summarize results of last inspection: \_\_\_\_\_

f. Has the project site ever been used as a municipal, commercial or industrial solid waste management facility, or does the project site adjoin property which is now, or was at one time, used as a solid waste management facility? ☐ Yes ☒ No  
If Yes:  
i. Has the facility been formally closed? ☐ Yes ☐ No  
• If yes, cite sources/documentation: \_\_\_\_\_  
ii. Describe the location of the project site relative to the boundaries of the solid waste management facility: \_\_\_\_\_  
iii. Describe any development constraints due to the prior solid waste activities: \_\_\_\_\_

g. Have hazardous wastes been generated, treated and/or disposed of at the site, or does the project site adjoin property which is now or was at one time used to commercially treat, store and/or dispose of hazardous waste? ☐ Yes ☒ No  
If Yes:  
i. Describe waste(s) handled and waste management activities, including approximate time when activities occurred: \_\_\_\_\_

h. Potential contamination history. Has there been a reported spill at the proposed project site, or have any remedial actions been conducted at or adjacent to the proposed site? ☒ Yes ☐ No  
If Yes:  
i. Is any portion of the site listed on the NYSDEC Spills Incidents database or Environmental Site Remediation database? Check all that apply: ☐ Yes ☒ No  
☐ Yes – Spills Incidents database Provide DEC ID number(s): \_\_\_\_\_  
☐ Yes – Environmental Site Remediation database Provide DEC ID number(s): \_\_\_\_\_  
☐ Neither database  
ii. If site has been subject of RCRA corrective activities, describe control measures: \_\_\_\_\_  
N/A  
iii. Is the project within 2000 feet of any site in the NYSDEC Environmental Site Remediation database? ☒ Yes ☐ No  
If yes, provide DEC ID number(s): V00571  
iv. If yes to (i), (ii) or (iii) above, describe current status of site(s):  
The Rye Gas Works site indicated in (iii) is located between Theodore Fremd Avenue and the New York, New Haven, and Hartford Railroad tracks in the Town of Rye. It is currently used as a ConEdison service center. Remediation was completed 06/28/2010 through NYSDEC Voluntary Cleanup Program.



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<p>m. Identify the predominant wildlife species that occupy or use the project site:</p> <p>N/A</p>	
<p>n. Does the project site contain a designated significant natural community? <span style="float: right;"><input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</span></p> <p>If Yes:</p> <p>i. Describe the habitat/community (composition, function, and basis for designation):</p> <p>ii. Source(s) of description or evaluation:</p> <p>iii. Extent of community/habitat:</p> <ul style="list-style-type: none"> <li>• Currently: _____ acres</li> <li>• Following completion of project as proposed: _____ acres</li> <li>• Gain or loss (indicate + or -): _____ acres</li> </ul>	
<p>o. Does project site contain any species of plant or animal that is listed by the federal government or NYS as endangered or threatened, or does it contain any areas identified as habitat for an endangered or threatened species? <span style="float: right;"><input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</span></p>	
<p>p. Does the project site contain any species of plant or animal that is listed by NYS as rare, or as a species of special concern? <span style="float: right;"><input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</span></p>	
<p>q. Is the project site or adjoining area currently used for hunting, trapping, fishing or shell fishing? <span style="float: right;"><input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</span></p> <p>If yes, give a brief description of how the proposed action may affect that use:</p>	
<p><b>E.3. Designated Public Resources On or Near Project Site</b></p>	
<p>a. Is the project site, or any portion of it, located in a designated agricultural district certified pursuant to Agriculture and Markets Law, Article 25-AA, Section 303 and 304? <span style="float: right;"><input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</span></p> <p>If Yes, provide county plus district name/number:</p>	
<p>b. Are agricultural lands consisting of highly productive soils present? <span style="float: right;"><input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</span></p> <p>i. If Yes: acreage(s) on project site?</p> <p>ii. Source(s) of soil rating(s):</p>	
<p>c. Does the project site contain all or part of, or is it substantially contiguous to, a registered National Natural Landmark? <span style="float: right;"><input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</span></p> <p>If Yes:</p> <p>i. Nature of the natural landmark: <input type="checkbox"/> Biological Community <input type="checkbox"/> Geological Feature</p> <p>ii. Provide brief description of landmark, including values behind designation and approximate size/extent:</p>	
<p>d. Is the project site located in or does it adjoin a state listed Critical Environmental Area? <span style="float: right;"><input checked="" type="checkbox"/> Yes <input type="checkbox"/> No</span></p> <p>If Yes:</p> <p>i. CEA name: County &amp; State Park Lands</p> <p>ii. Basis for designation: Exceptional or unique character</p> <p>iii. Designating agency and date: Date: 1-31-90, Agency: Westchester County</p>	

e. Does the project site contain, or is it substantially contiguous to, a building, archaeological site, or district which is listed on, or has been nominated by the NYS Board of Historic Preservation for inclusion on, the State or National Register of Historic Places?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
If Yes: <ul style="list-style-type: none"> <li>i. Nature of historic/archaeological resource: <input type="checkbox"/> Archaeological Site    <input type="checkbox"/> Historic Building or District</li> <li>ii. Name: _____</li> <li>iii. Brief description of attributes on which listing is based: _____</li> </ul>	
f. Is the project site, or any portion of it, located in or adjacent to an area designated as sensitive for archaeological sites on the NY State Historic Preservation Office (SHPO) archaeological site inventory?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
g. Have additional archaeological or historic site(s) or resources been identified on the project site?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
If Yes: <ul style="list-style-type: none"> <li>i. Describe possible resource(s): _____</li> <li>ii. Basis for identification: _____</li> </ul>	
h. Is the project site within five miles of any officially designated and publicly accessible federal, state, or local scenic or aesthetic resource?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
If Yes: <ul style="list-style-type: none"> <li>i. Identify resource: _____</li> <li>ii. Nature of, or basis for, designation (e.g., established highway overlook, state or local park, state historic trail or scenic byway, etc.): _____</li> <li>iii. Distance between project and resource: _____ miles.</li> </ul>	
i. Is the project site located within a designated river corridor under the Wild, Scenic and Recreational Rivers Program 6 NYCRR 666?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
If Yes: <ul style="list-style-type: none"> <li>i. Identify the name of the river and its designation: _____</li> <li>ii. Is the activity consistent with development restrictions contained in 6NYCRR Part 666? <span style="float: right;"><input type="checkbox"/> Yes <input type="checkbox"/> No</span></li> </ul>	

#### F. Additional Information

Attach any additional information which may be needed to clarify your project.

If you have identified any adverse impacts which could be associated with your proposal, please describe those impacts plus any measures which you propose to avoid or minimize them.

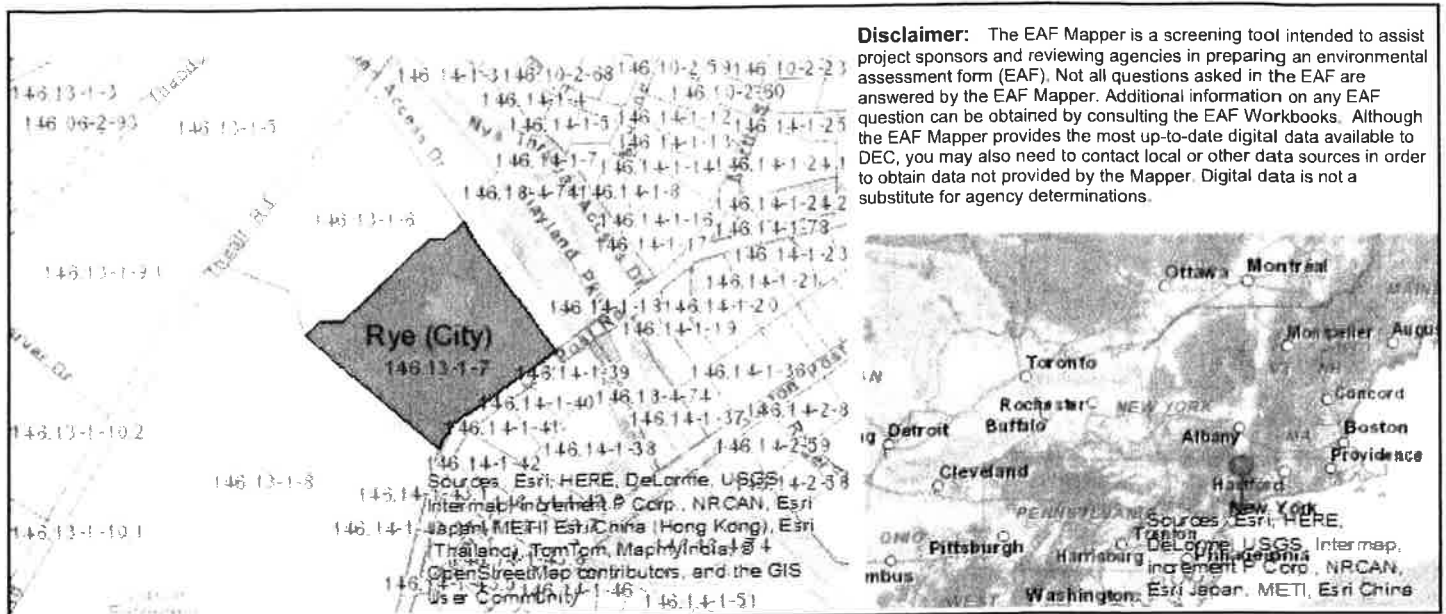
#### G. Verification

I certify that the information provided is true to the best of my knowledge.

Applicant/Sponsor Name Leo Nappi Date 1/29/15

Signature [Signature] Title Attorney

**PRINT FORM**



B.i.i [Coastal or Waterfront Area]	No
B.i.ii [Local Waterfront Revitalization Area]	Yes
C.2.b. [Special Planning District]	Digital mapping data are not available or are incomplete. Refer to EAF Workbook.
E.1.h [DEC Spills or Remediation Site - Potential Contamination History]	Digital mapping data are not available or are incomplete. Refer to EAF Workbook.
E.1.h.i [DEC Spills or Remediation Site - Listed]	Digital mapping data are not available or are incomplete. Refer to EAF Workbook.
E.1.h.i [DEC Spills or Remediation Site - Environmental Site Remediation Database]	Digital mapping data are not available or are incomplete. Refer to EAF Workbook.
E.1.h.iii [Within 2,000' of DEC Remediation Site]	Yes
E.1.h.iii [Within 2,000' of DEC Remediation Site - DEC ID]	V00571
E.2.g [Unique Geologic Features]	No
E.2.h.i [Surface Water Features]	No
E.2.h.ii [Surface Water Features]	No
E.2.h.iii [Surface Water Features]	No
E.2.h.v [Impaired Water Bodies]	No
E.2.i. [Floodway]	No
E.2.j. [100 Year Floodplain]	No
E.2.k. [500 Year Floodplain]	No
E.2.l. [Aquifers]	No
E.2.n. [Natural Communities]	No
E.2.o. [Endangered or Threatened Species]	No

E.2.p. [Rare Plants or Animals]	No
E.3.a. [Agricultural District]	No
E.3.c. [National Natural Landmark]	No
E.3.d [Critical Environmental Area]	Yes
E.3.d [Critical Environmental Area - Name]	County & State Park Lands
E.3.d.ii [Critical Environmental Area - Reason]	Exceptional or unique character
E.3.d.iii [Critical Environmental Area – Date and Agency]	Date:1-31-90, Agency:Westchester County
E.3.e. [National Register of Historic Places]	Digital mapping data are not available or are incomplete. Refer to EAF Workbook.
E.3.f. [Archeological Sites]	Yes
E.3.i. [Designated River Corridor]	No

## **SUMMARY OF POTENTIAL ENVIRONMENTAL IMPACTS**

The following provides a brief evaluation of the potential environmental impacts of the proposed project to supplement the analysis of Zoning, Land Use, and Fiscal Impacts previously identified in this petition. In this case, the types of impacts often associated with a development proposal are limited since the project involves a previously developed site. In addition, the site is not constrained by wetlands or other regulated waterbodies, floodplains, significant steep slopes, or other identified sensitive natural resources:

### ***Transportation***

The results of the Traffic Analysis prepared by Frederick P. Clark Associates, attached herein, indicate that the Proposed Project will generate 27 and 34 vehicle trip ends during a typical weekday morning and weekday afternoon peak hour, respectively. For comparison purposes, the existing office building, if fully occupied with a variety of commercial tenants, could generate 109 and 104 vehicle trip ends during the same weekday morning and weekday afternoon peak hours, respectively. Therefore, the Proposed Project would result in a significant reduction in site traffic, with a decrease of 82 and 80 vehicle trip ends during the weekday morning and weekday afternoon peak periods, respectively.

The results of the analyses indicate that area roadways will continue to operate with essentially no change in Level of Service, except for an overall decrease in Level of Service at the signalized intersection of Theodore Fremd Avenue and Playland Access Drive. At this intersection, the Level of Service will change from “B” to “C” during the weekday and morning peak hour, resulting in an overall increase in average delay per vehicle of only 0.3 seconds, which is considered insignificant.

The results of these analyses and a comparison between a background and combined conditions indicate that traffic control and pavement markings at each of these intersections should remain unchanged as no modifications are necessary to accommodate this residential development. Based on these results, it is the applicant’s opinion that no significant adverse impacts to transportation are expected.

### ***Visual Resources***

The Project would maintain the existing 100 foot buffer to Old Post Road, and further enhance local visual resources by providing subterranean parking within the proposed structure. This allows for the implementation of an attractive landscape plan and the preservation of many of the Site’s existing mature trees. The Project also contemplates the development having a traditional architectural style that is typical of Rye, and a design which will complement the historic character of the adjacent Osborn property, serving as an appropriate visual transition from the adjacent single family neighborhoods to the adjacent office parks. See Figures 7, 8, and 9, *Conceptual Renderings*.

***Air Quality and Noise***

The Proposed Project will include below grade parking for the tenants and the loading area has been located toward Playland Access Road so as to minimize noise associated with vehicles and trucks. Similarly, air quality impacts should be lessened since there will be a significant reduction in site traffic.

***Utilities***

Water usage and sanitary discharge will increase from current land use approximately 16,250 and 14,775 gallons per day (gpd) respectively. It is not anticipated that this increase will have a significant impact on water and sanitary facilities since these values are conservative when compared to typical units with families. Actual usage is anticipated to be lower. All units will be equipped with low-flow fixtures. Further site specific review will be conducted during the Site Plan review process. Electric, gas, and communications also exist in the area to support the new project. The utility providers will be contacted once the land use zoning has been approved to identify connections and service modifications needed to support the Proposed Project. All existing utilities are anticipated to support the demand of the Proposed Project.

# WESTCHESTER COUNTY OFFICE MARKET: SUMMARY DATA



Prepared for **ALFRED WEISSMAN REAL ESTATE, LLC**

NOVEMBER, 2014







Goman+York Property Advisors LLC was engaged by Alfred Weissman Real Estate LLC to review several issues related to the possible redevelopment of the property located at 120 Old Post Road in Rye, NY. Those issues include:

**Impact of Current Market Conditions**

- Regional Trends in Local Office Market
  - History and growth
  - Current supply and demand parameters
  - Current vacancy rates
  - Impact of current market/vacancies on market valuations and property taxes

**Impact of Current Market Conditions**

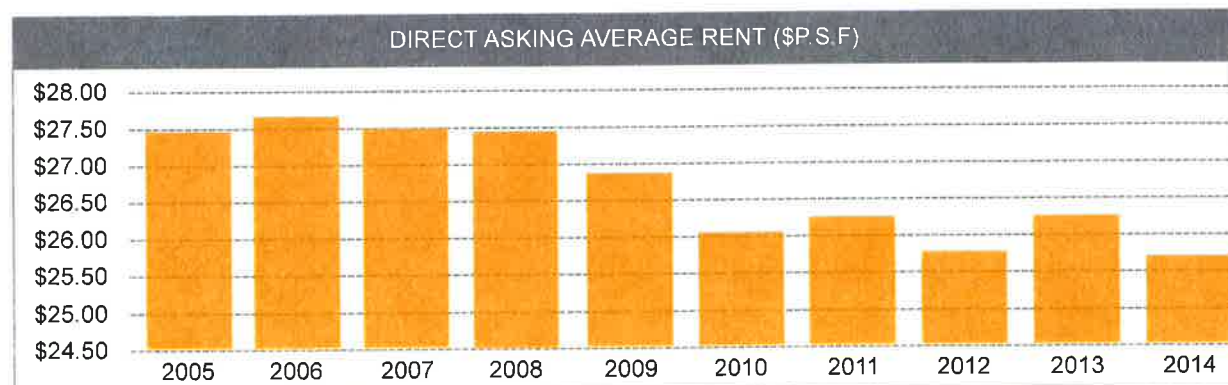
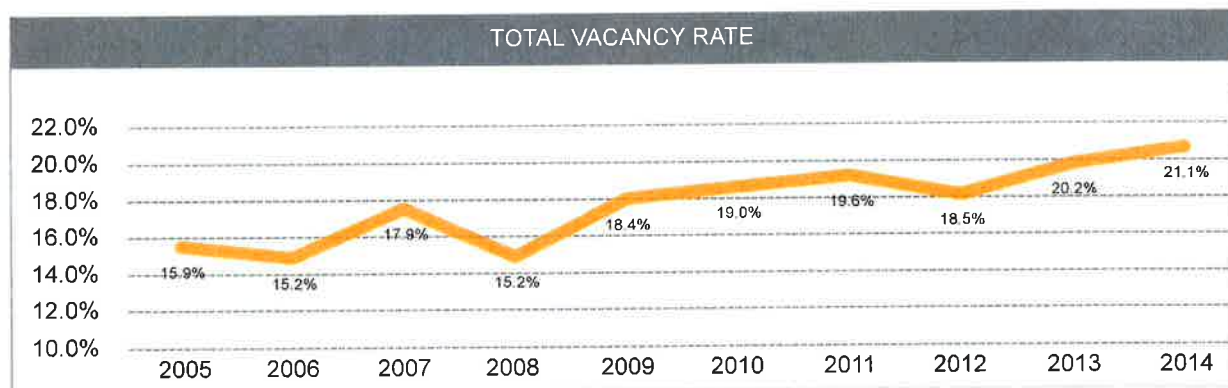
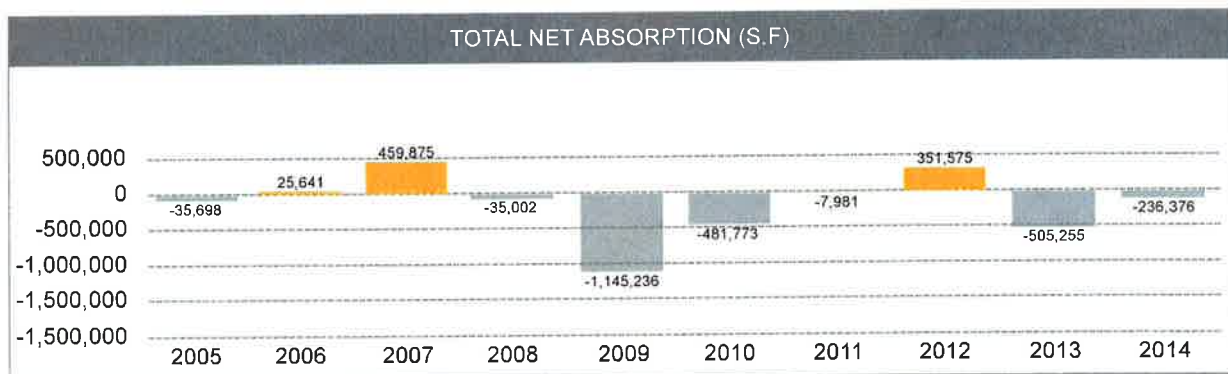
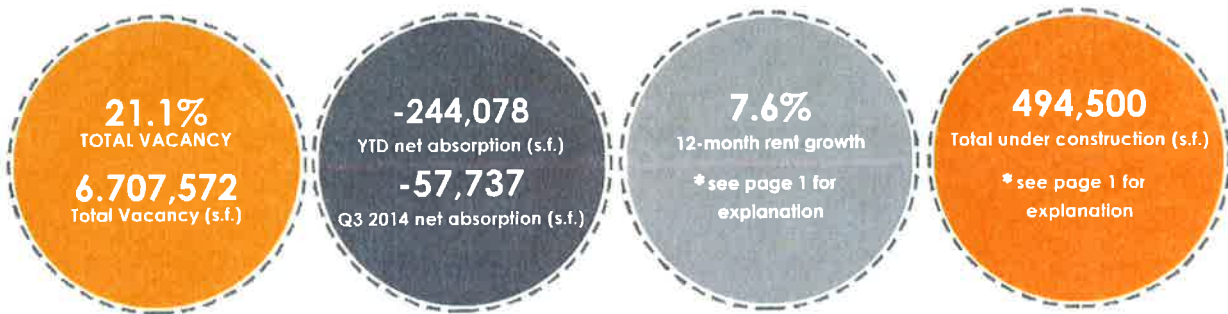
**Office Market Trends**

Vacancy rates for Westchester County historically have increased over the past 10 years, from a low of 15.2% in 2006 to its current high of 21.1% as of Q3 2014. In that same time period, direct asking average rent has decreased from \$27.50 per square foot in 2005 to its current low of \$25.65 per square foot. While rent growth over the last year has been 7.6%, this is due to significant renewal activity in the market and not any changes in the market conditions. It should be noted that operating costs have risen during that same period, pushing net rents on office properties even lower.

Since the 2008 recession, overall net absorption has been negative, only showing positive net absorption during 2012. Current availability has exceeded 5 million square feet and current absorption trends indicate that is yet to peak. 494,500 square feet of office space is currently under construction for Regeneron Pharmaceuticals and WestMed Medical Group. Both companies have been located within Westchester County and this is likely the result of obsolete office stock. We reviewed a variety of industry sources and all indicate vacancy rates are currently at a 10-year high.

Tax certiorari proceedings have increased in recent years by 10% to 86 in 2013 compared to 78 in 2012. Pressures from the courts to settle these cases has further impacted the value of commercial real estate in that potential buyers see it as a complicating factor to their business model and thus it serves as a disincentive to making investments in this asset class.

# WESTCHESTER COUNTY OFFICE MARKET: SUMMARY DATA



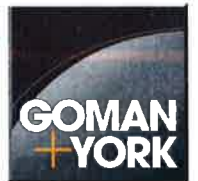
\*Data compiled from various industry sources

# RYE OFFICE MARKET ANALYSIS

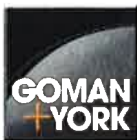
## 120 OLD POST RD



Prepared for **ALFRED WEISSMAN REAL ESTATE, LLC**  
March 2, 2015







## Office Market Analysis – 120 Old Post Road, Rye, NY

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### Market Definition

The competitive office market for Rye, NY includes parts of southeastern Westchester County, southeastern White Plains, along with the southeastern I-287 corridor and the I-95 corridor.

The information contained in this analysis was taken from a variety of sources including regional market reports from the major commercial real estate brokerage houses along with data on commercial real estate activity from several real estate research and listing services.

### Office Market Demand

While we have seen modest improvement in the national, regional and local economies and encouraging improvement in the unemployment rate during the past year, the demand for office space in the subject area continues to be very slow. In the portions of the market most relevant to Rye, the office vacancy rate continues to hover around 20% while the vacancy rate in the overall market area has continued to edge slightly higher in recent quarters.



### Market Trends

The trend of utilizing less square footage of space for each worker is one factor influencing the slow rate of leasing activity despite increasing employment. We expect this will continue to be of significant influence for an extended period of time, as many older buildings are adapted to the new layouts.

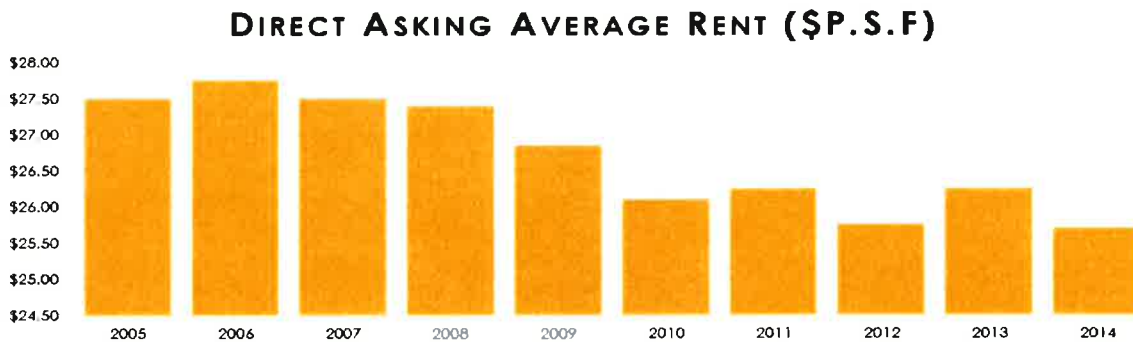


## Office Market Analysis – 120 Old Post Road, Rye, NY

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Much of the low level of office leasing activity has been in the medical, financial and business services sectors. Although not an unusually large amount of space, the lease to Acadia Realty Trust for approximately 30,000 square feet at 411 Theodore Fremd Avenue ranks as one largest transactions in the Westchester County market in Q4-2014, and the largest in the eastern submarket of Westchester County. While an important transaction, the fact that this is one of the largest deals done in the entire Westchester County market speaks to the continuing low level of activity.

### Market Outlook



Each of the eastern sub-markets of Westchester County are currently showing reported vacancy of more than 1 million square feet of Class A office. Correspondingly, average asking rates have generally continued to decline slightly and are currently at their lowest reported level in the past 10 years. As expected, leasing velocity remains at record low levels. Non-CBD markets are particularly experiencing long term vacancy and low rental rates, and we don't expect improvement in this regard in the foreseeable future.



## Office Market Analysis – 120 Old Post Road, Rye, NY

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### 120 Old Post Rd

It should be noted that the subject property is configured primarily as an open plan headquarters building. This configuration places the building in a highly uncompetitive market position since the majority of office leasing activity is focused upon smaller spaces. The cost of reconfiguring the subject property will be significant as it will require major modifications to essentially all the existing mechanical, electrical and plumbing systems, as well as extensive re-demising of the building to create competitive leasable spaces. In many similar cases involving similar headquarters buildings the conversion cost has been determined to be prohibitive and the building has eventually been torn down as a result. We know of numerous situations involving millions of square feet of 1980's vintage headquarters buildings where this has been the outcome.

# MARKET FEASIBILITY ANALYSIS OF THE RYE, NY MARKET FOR ACTIVE ADULT (+55) HOUSING



Prepared for **ALFRED WEISSMAN REAL ESTATE, LLC**

NOVEMBER, 2014



This report and plan was prepared for **ALFRED WEISSMAN REAL ESTATE, LLC**

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Mike Goman - President  
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Hai Nguyen - Director of Data Analytics  
Dave Correia - Data Consultant



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# EXECUTIVE SUMMARY

## The Assignment

Goman+York Property Advisors LLC was engaged by Alfred Weissman Real Estate LLC to provide a preliminary study examining the market capacity and the for-sale and for-rent parameters for the development of approximately 135 new senior (+55) independent living luxury housing units in Rye, New York.

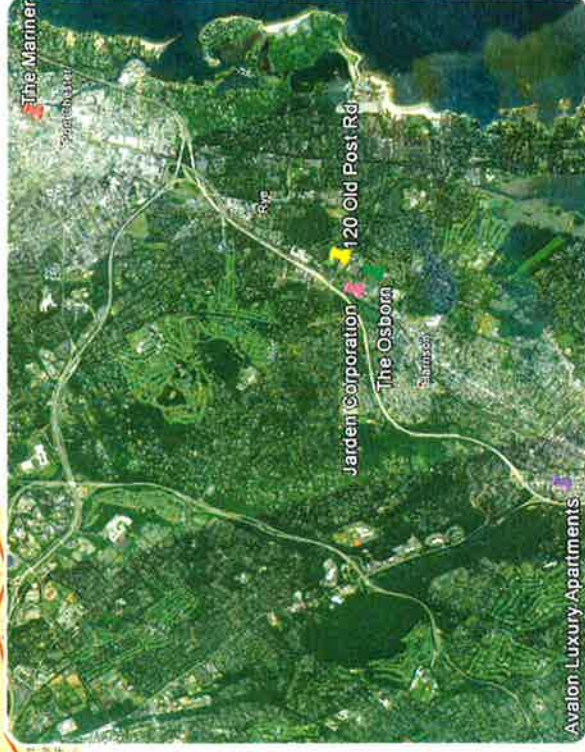
The following report is a market feasibility analysis of the proposed senior (+55) housing project in Rye, New York based upon the conceptual design and project scope as provided by Alfred Weissman Real Estate LLC and Tecton Architects.

This analysis should be viewed as a macro level review of the market feasibility of the conceptual development plan. Essentially this analysis is intended to provide information adequate to assist the developer in deciding whether further work on the given project is warranted. More specifically, the analysis assists the developer in making a "go or no go" decision before expending substantially more time and effort on the next level of detailed development tasks, including design development, cost estimating, geotechnical and environmental analysis, detailed financial projections and similar development related work.

It is important to point out that this analysis is not intended to provide the detailed information necessary for the purpose of formally underwriting debt or equity investment with respect to the given project.

## The Project

The proposed project, as presented in the conceptual plans from Tecton Architects dated April 25, 2014, envisions a three-story independent living facility targeted at active adults (+55). The proposed design contains 135 luxury residential units and includes a variety of amenities such as a cafe/bistro, theater, study/game room, natatorium and fitness center along with locker rooms, multipurpose room and several courtyard areas. The overall facility is proposed to be approximately 245,000 square ft. with parking for 186 vehicles. The project site is located at the northwest corner of Old Post Road and Play Land Access Drive in Rye, New York.



### The Market

We established 3 discrete study areas for the project based upon drive time parameters of 5, 13 and 23 minutes. In our experience, study areas based upon driving times provide a more accurate and realistic picture than, for example, concentric rings. Essentially, this is simply saying that the particular study area consists of those residents who live within the given drive time parameter from the project site.

The 23 minute drive time study area should be viewed as the regional market (based on 2010 US DOT Federal Highway Administration Report) for the project. The average commute to work drive time for the US is approximately 23 minutes and we believe that it serves as a reasonable proxy for the largest study area. While the project is likely to attract some residents from outside that study area, the majority are likely to come from within it. The 5 minute drive time study area should be viewed as the immediate neighborhood market for the project. We would expect the project to receive very significant consideration from potential buyers who currently reside within this study area. The 13 minute drive time study area simply bisects the other two study areas and provides an additional way to view the market for this project.

The data for the residents living within all 3 study areas shows that the market possesses exceptionally attractive socioeconomic indicators. In particular, the 5 minute drive time trade area contains very high percentages of residents who are in the top socioeconomic segments in the US in terms of wealth, education and employment status. While the socioeconomic characteristics decline somewhat as the trade area size increases, the overall market remains remarkably strong. Ethnic diversity increases significantly along with the size of the study area. In summary, our analysis shows that the drive time trade area is ideally suited for the contemplated project.

### The Competitive Environment

We conducted a review of available rental and for sale housing within the applicable study area. Our review identified several projects which we consider to be directly competitive and which we believe are reflective of the tenant profile being sought for the project. Rental rates and multi-family unit values within the reviewed projects are high while vacancy rates are low, relative to the averages. These conditions are positive indicators for a proposed new entrant to the market.

Given the prominent position it occupies within this study area, we paid particular attention to The Osborn development adjacent to the planned project. Goman+York personnel confidentially "shopped" The Osborn to determine unit availability, pricing and occupancy. The very low vacancy at The Osborn, combined with their focus on providing a comprehensive service offering including meal plans and other services not being contemplated as part of the proposed project leads us to conclude that there will be limited overlap between potential tenants for The Osborn and the proposed project. In fact, we think it is more likely that these two projects will complement each other as opposed to competing with each other.

### Conclusion

Based upon our review of the study area characteristics and the competitive environment, we believe that the market response to the contemplated project will be very positive.

We recommend that further and more specific market research and testing be done once the project plans have been more fully developed, unit designs/layouts and features have been detailed, specific amenities can be described and a professional marketing campaign, along with appropriate collateral materials, are available.

# STUDY METHODOLOGY

The Study prepared for **Rye, NY** provides an overview of the **Active Adult (+55) Housing Market**. The analysis will inform projections that will allow Rye, NY to accurately plan for its future development.

## Potential Market

The potential market for active senior housing derives from the pool of households, aged 55 and older, who move within the market area in a given year, and those who move to the area from other counties and even other states.

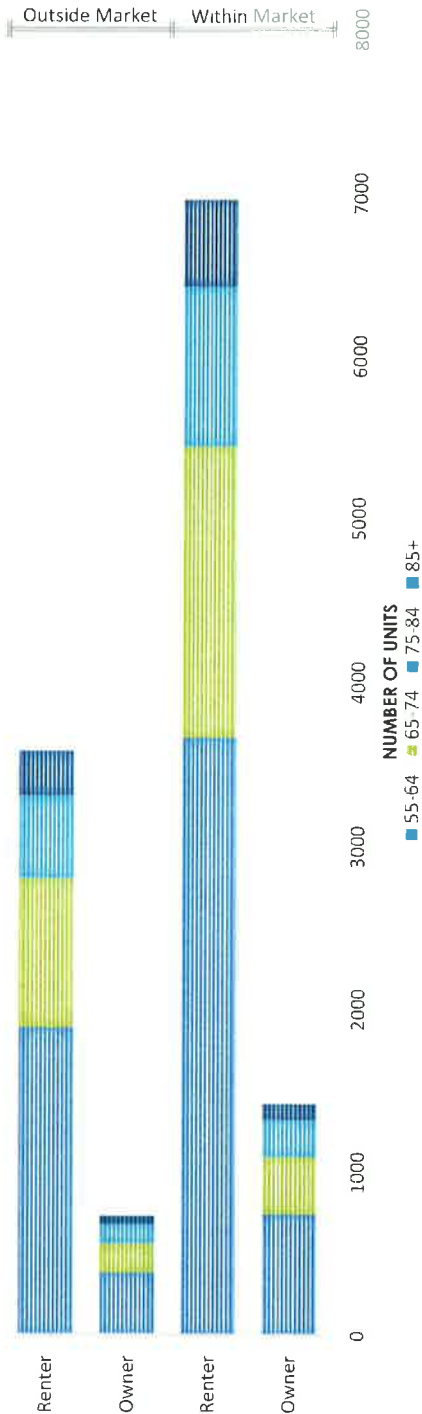
Mobility rates for seniors, who often prefer to age in place, are much lower than for younger households. Rates are, however, higher for seniors who rent rather than own their own homes. To estimate the size of the potential market, national

in-county mobility rates were used as a proxy for the rates at which seniors within various age cohorts are likely to relocate somewhere within the target market area. Table below shows that for seniors 55 and older already living within the 23-minute

radius of the proposed project, from which approximately 8,400 are likely to move in a given year based on 2010 Census data. More than 80% of those moving are expected to come from among the ranks of existing renters who are likely to prefer

rental units, as would many of those who might choose to downsize from homes they currently own.

POTENTIAL DEMAND  
FOR ACTIVE +55 HOUSING

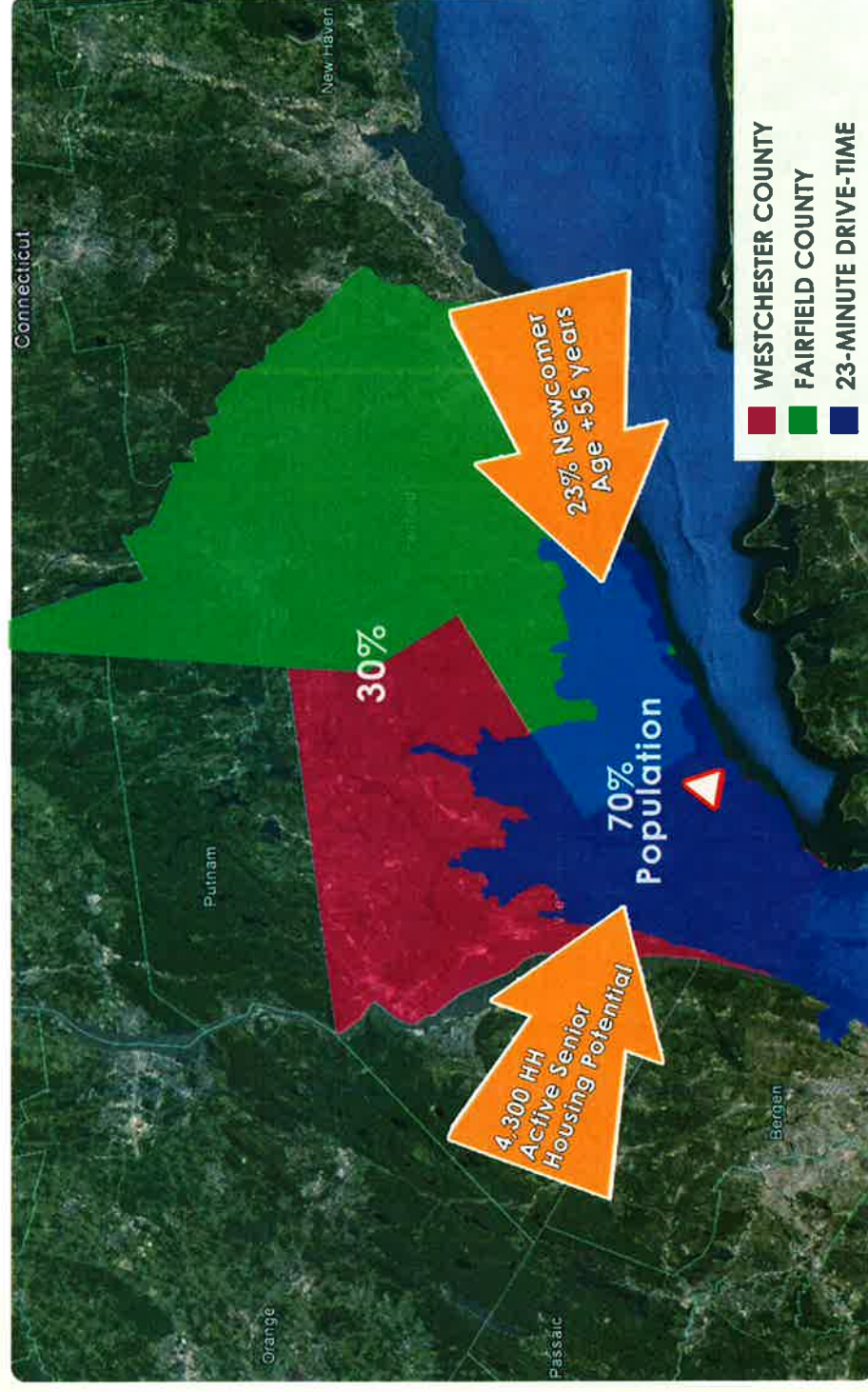




### Population Migration

Households moving into the market area were assumed to have characteristics that are similar to current residents. Approximately 27,000 households moved into the two-county area of Westchester, NY and Fairfield, CT between 2009 and 2010, according to the latest IRS data. The 23-minute target market holds nearly 70% of the two-county population and will presumably attract a similar share of the new households. And reflecting the national migration patterns of households, about 23% of the newcomers are likely to be 55 and older. Consequently, about 4,300 households that move into the 23-minute target market each year are potential candidates for active senior housing.

Combining the 8,400 senior households that move within the market area each year with 4,300 in from outside produces a potential market for active senior housing of 12,000 households or more. That is an average of approximately 1,000 households monthly. However, these estimates should be narrowed further to adjust for characteristics, such as target income and age ranges, that are in keeping with the design and scope of this project.



# DEMOGRAPHIC & SOCIOECONOMIC CHARACTERISTICS

To get a grasp of the social elements that make up the community, we explored the **Demographic and Socioeconomic characteristics** of the study area.

## Demographic

The target markets surrounding the proposed Rye, NY active senior housing project are predominantly white, well-educated, and wealthy.

The majority of residents in all three study areas are white, with shares in 2013 ranging from 84% to 73% and 55% within the 5, 13 and 23 minute drive-times, respectively. The larger markets exhibit more racial and ethnic diversity with the black share of the population growing from just 2% within the 5-minute range to 24% within the 23-minute range.

Similarly, residents of Hispanic origin make up 27% of the population within the 23-minute market area but only 12% of the market at the 5-minute mark. All three markets are expected to become more diverse, largely as a result of a growing Hispanic population.

Within a 23-minute drive time, the median age of area residents matches the US average in 2013 of 38.5 years, but in the two smaller markets residents tend to be older. Seniors 55 and older represented about 27% of the population in the

two larger markets—a figure that is likely to top 29% by 2018.

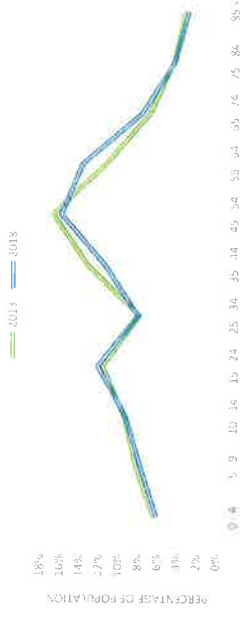
Housing is evenly divided between owner and renter occupied units at the 23-minute drive time from the Rye, NY center point. But within closer radii, owner occupied units are in the majority—58% at the 5-minute mark, 53% within a 13-minute drive time.

Owner-occupied housing is expected to represent a slightly larger share of all three markets by 2018.

## INCOME DISTRIBUTION OF RYE - 23 MINUTE



## 5 MIN AGE DISTRIBUTION



## 23 MIN AGE DISTRIBUTION

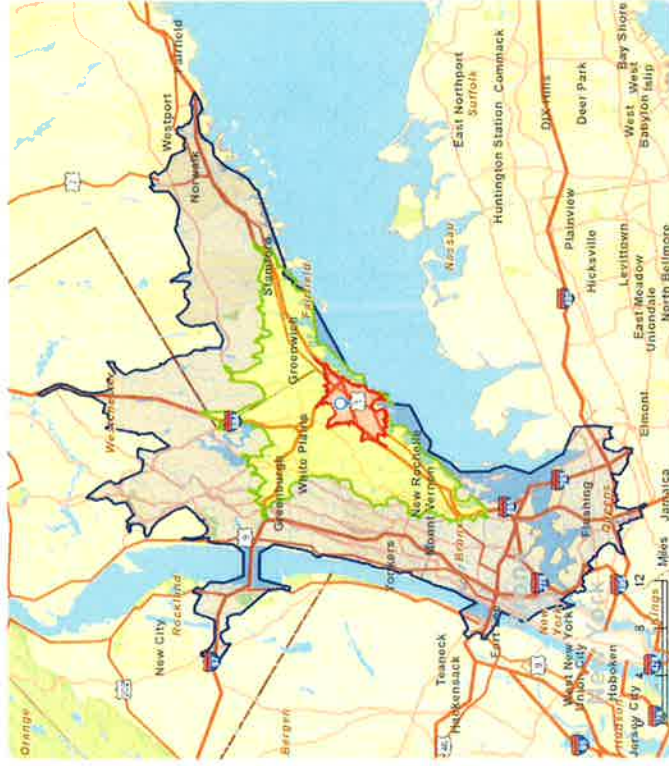


### Education

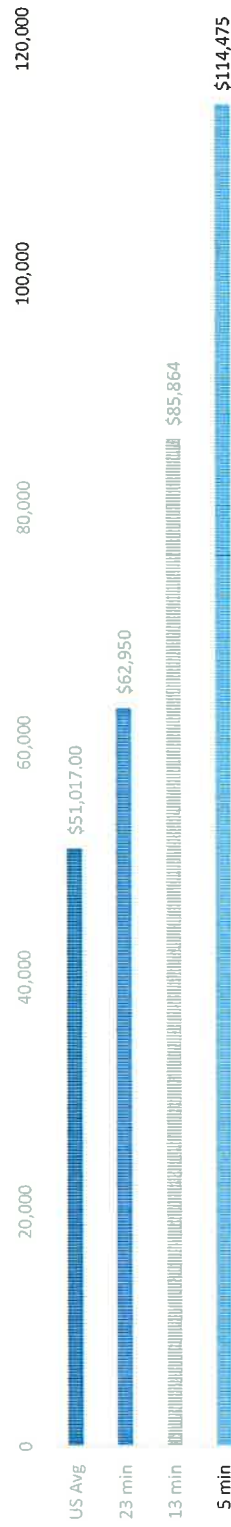
Rye area residents are highly educated, with the share of the population 25 and older holding a Bachelor's degree or higher at 62%, 49% and 38% within a 5, 13 and 23-minute drive of Rye, respectively. The comparable US figure is just 32%. The employed population of the area works predominantly in the services sector and in white-collar occupations, earning exceptional levels of income.

### Income

Median household income within a 5-minute drive time of Rye exceeds \$114,000, more than double the US median. Incomes are lower in the two broader market areas—\$86,000 and \$63,000 in the 13-minute and 23-minute rings, respectively—but still above the comparable US figure.



### MEDIAN INCOME BY MARKET





# HOUSING OCCUPANCY

The target market is characterized by a relatively low vacancy rate, and a large share of **renter-occupied** as opposed to **owner-occupied** housing.

## Vacancy Rates

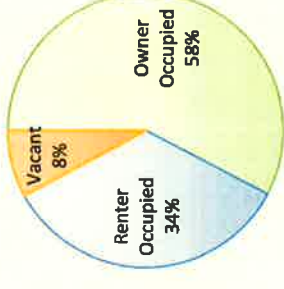
Vacancy rates within 23-minutes of the subject property were 6.1%, according to 2010 Census data. That compares favorably to a U.S. average rate of 11.4% the same year, and to rates of 9.7%, 7.9% and 9.5%, respectively in the states of New York, Connecticut and New Jersey.

Current (2013) vacancy rates in the 23-minute radius have inched up a bit since 2010 (to 6.3%) but they remain lower in this larger market than in the more narrowly defined drive time markets where they are 7.9% within a 5-minute area and 7.5% within the 13-minute area. The housing market is expected to remain tight for the foreseeable future, with projected 2018 vacancy rates of 6.2% within the 23-minute drive time and 7.2% within the 13-minute market. Even an anticipated 9.0% vacancy rate for the 5-minute drive time market in 2018 compares favorably to current national and regional rates.

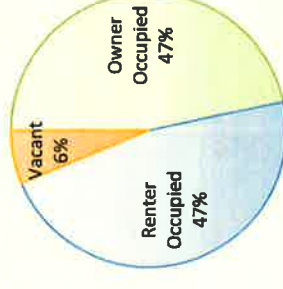
## Rental Market Demand

The low vacancy rates in the local markets surrounding the proposed project are particularly noteworthy given the relatively high share of rental housing in the area. Within the 23-minute drive time market, housing is divided evenly between owner and rental occupied units at about 47% each. That represents a relatively large share of rental-occupied units which tend to have much higher vacancy rates than do owner-occupied units. Nationally, and in Connecticut and New Jersey, renter-occupied housing makes up 25% or less of the total number of housing units. New York's statewide renter occupancy rate is 37%.

2013 Housing Summary  
- 5 minute



2013 Housing Summary  
- 23 minute





# COMPETITION ANALYSIS & PRICING- RENTAL

Our review included properties in Rye, as well as properties in markets immediately adjacent to Rye and properties in markets located same distance from Rye but which have similar demographic and socioeconomic characteristics. With respect to properties located in Rye, we looked closely at four apartment complexes: The Osborn in Rye, NY, 101 Park Place in Stamford, CT, Scarsdale Commons, Scarsdale, NY and The Avalon Bronxville in Bronxville, NY all built since 2005.

## Comparison

They range in size from 336 to 100 units and offer both 1-bedroom, 1-bathroom and 2-bedroom, 2-bathroom options (see table below).

All three complexes can be described as luxury properties, offering unit amenities that include parking, full kitchens, washer/dryers, and central air. Community amenities include fitness centers, clubrooms, and picnic/barbecue areas.

## Pricing- Rental

The accompanying scatter plot shows the monthly rental prices and square footage for three competitive projects. The smaller units, each around 800 square feet, are all 1-bedroom, 1-bathroom apartments; the larger units, each around 1,200 square feet, are all 2-bedroom, 2-bathroom units. Assuming area renters judge the amenities of the Rye project as significantly better than these apartments, an appropriate price for 1-bedroom units would be +/- \$2,800 and an appropriate price for 2-bedroom units would be +/- \$3,900.



23-MINUTE DRIVE-TIME

## CHARACTERISTICS OF COMPARABLE UNITS

	UNITS	BEDROOMS	BATHS	SQ. FT.	RENT	DISTANCE TO TRANSIT
THE OSBORN	138	1	1	756	\$5,400	3 min
		2	2	1186	\$3,356	
101 PARK PLACE	336	1	1	806	\$2,450	1 min
		2	2	1023	\$2,560	
SCARSDALE COMMONS	43	1	1	855	\$3,000	2 min
		2	2	1175	\$3,900	
THE AVALON BRONXVILLE	146	1	1	821	\$3,010	2 min
		2	2	985	\$4,125	

## SIZE VERSUS RENT OF COMPETITORS



**GOMAN+YORK**  
NOVEMBER, 2014

# COMPETITION ANALYSIS & PRICING- SALE

Local Property Records served as the comparison for potential market value.

### Comparison

We examined similar for-sale condominium properties in a variety of markets in Rye, several markets which are immediately proximate to Rye, and additional markets located some distance from Rye but which have similar demographic and socioeconomic characteristics.

It should be noted that in looking at comparable properties, our focus was on well-located luxury residential properties having a high level of finish and extensive in-suite features, and which offer a significant list of common facilities and amenities.

### Pricing- Sale

The accompanying charts show sale prices and square footage for luxury properties in similar markets. Assuming potential buyers judge the level of finish, features and amenities of the Rye project to be equal to or better than these properties, appropriate prices for 1 bedroom units would be about \$385,600 or \$482 per square foot, and for 2 bedroom units would be about \$522,000 or \$475 per square foot.

### RYE COMPARABLE SALES

	UNIT TYPE	BEDROOMS	BATHS	SQFT	PRICE	\$/SQFT
RYE	CONDO	2	2	1104	\$521,088	\$472
WESTBURY	APT	2	2	1261	\$616,667	\$492
PORT WASHINGTON	CONDO	2	2	1371	\$572,479	\$417



# PHASING AND IMPLEMENTATION

The analysis of **senior migration patterns** in the study area concluded that approximately 1,000 households could be in the market each month. Only some of these households, however, are likely to match the income and age profile that would make **living in an active senior community** either feasible or attractive.

## Defining the Market

Given the proposed pricing structure, the target market for the units should include seniors with incomes of \$112,000 or more annually. (Industry rules-of-thumb suggest that income should be at least 40 times the monthly cost of housing.) According to current (2013) estimates, about 27.8% of senior (55+) households in the area meet this income criterion. It is likely, therefore, that only 278 of the 1,000 monthly, house-hunting, senior households would pass the income test for the proposed project.

However, active lifestyle arrangements are unlikely to appeal to the oldest senior cohort. And 16% of area seniors are 80 and older. Limiting the market to seniors between 55 and 79 reduces the target market of potential new tenants to about 233 per month.

## Implementation

Assuming that all 135 of the proposed Rye units go on the market simultaneously and that the units are expected to be occupied within 90 days, the project would have to capture just over 15% of the market. Extending the marketing time would reduce the necessary capture rate. Over a 180-day period, for example, the Rye project would only have to capture less than 8% of the market. Alternatively, intensive pre-marketing or unit discounting would improve the chances of capturing a 15% market share within 90 days.

# CONCLUSION - PRICING

Goman+York was asked to review the market feasibility of the proposed conversion of the subject property into a luxury, age-restricted (55+) residential development positioned at the upper end of the price spectrum. Our review included both rental and for-sale properties. The primary focus of our review was to assess the rents or sales prices which can be reasonably expected to be achieved if the redeveloped subject property is positioned at the upper end of the market.

A component of our work in this regard involved establishing several study areas based upon specific geographic parameters and subsequently conducting a review of residential projects having similar market positioning within those study areas. In broad terms, the study areas we established and examined included:

- a) the city of Rye,
- b) similar markets in close or immediate proximity to Rye, and,
- c) markets in the greater metropolitan New York City area having similar demographic and socioeconomic characteristics to those present in Rye but which are located some distance from Rye.

The estimates of achievable rents and sales pricing contained in these conclusions are conditioned upon certain specific assumptions about the redeveloped property, including:

1. that it is positioned as a luxury, age-restricted (55+) community,
2. that an experienced firm with a successful track record with similar luxury projects be engaged to market the project,
3. that individual units feature gourmet kitchens, luxury baths, and extensive entryway, trim, tile and general levels of finish
4. the the property offers on-site amenities equal to or exceeding the best available at competitive luxury properties

Based upon the entirety of our review, we conclude that the redeveloped project can reasonably be expected to achieve rents of between \$3.25 and \$3.75 per square foot per month or approximately \$2,800 to \$3,200 per month for a 1 bedroom and from approximately \$3,900 to \$4,900 per month for a 2 bedroom. In the case of condominium units offered for sale, we conclude that the redeveloped project can reasonably be expected to achieve pricing between \$480 and \$550 per square foot or approximately \$425,000 to \$475,000 for a 1 bedroom and from approximately \$575,000 to \$715,000 for a 2 bedroom.





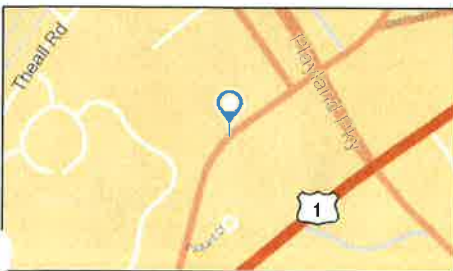
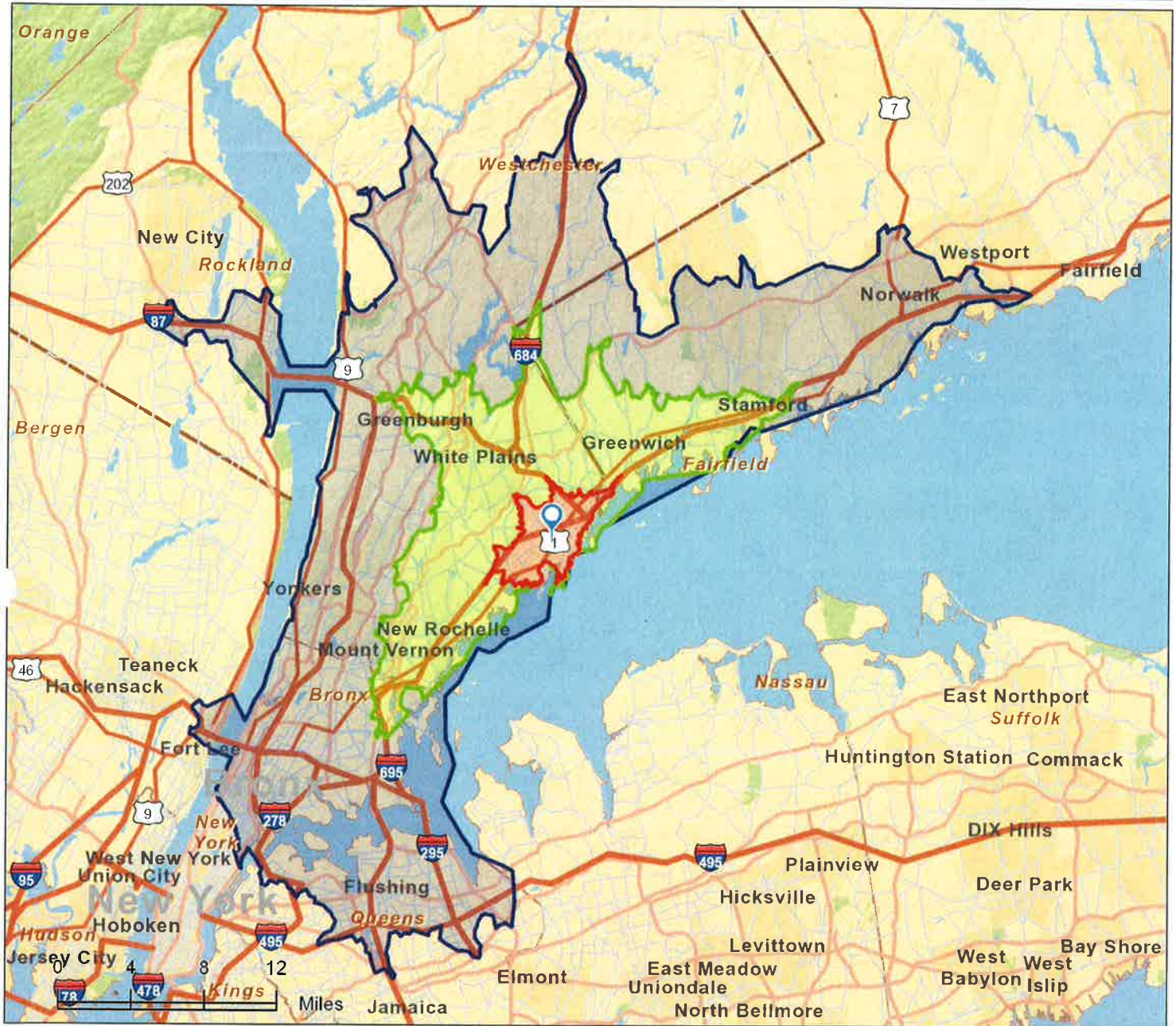
## Site Map

120 old post rd  
120 Old Post Rd, Rye, New York, 10580, 5, 13, 23 DT  
Drive Time: 5, 13, 23 Minutes

Prepared by Robert Goman

Latitude: 40.91932

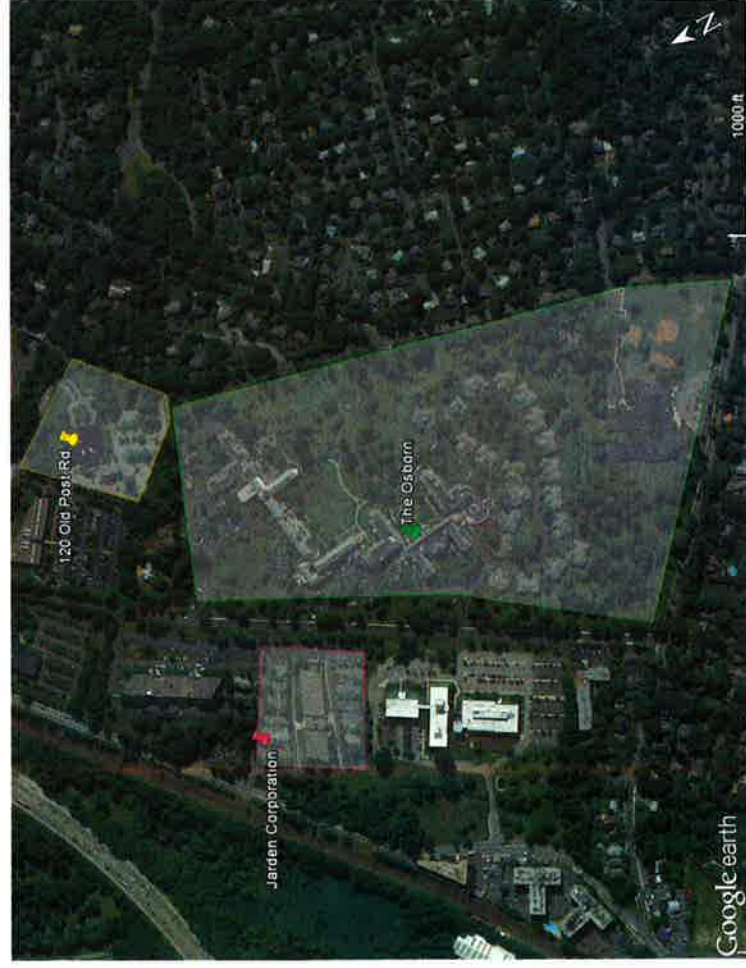
Longitude: -73.696125





# AERIAL OF COMPETITORS

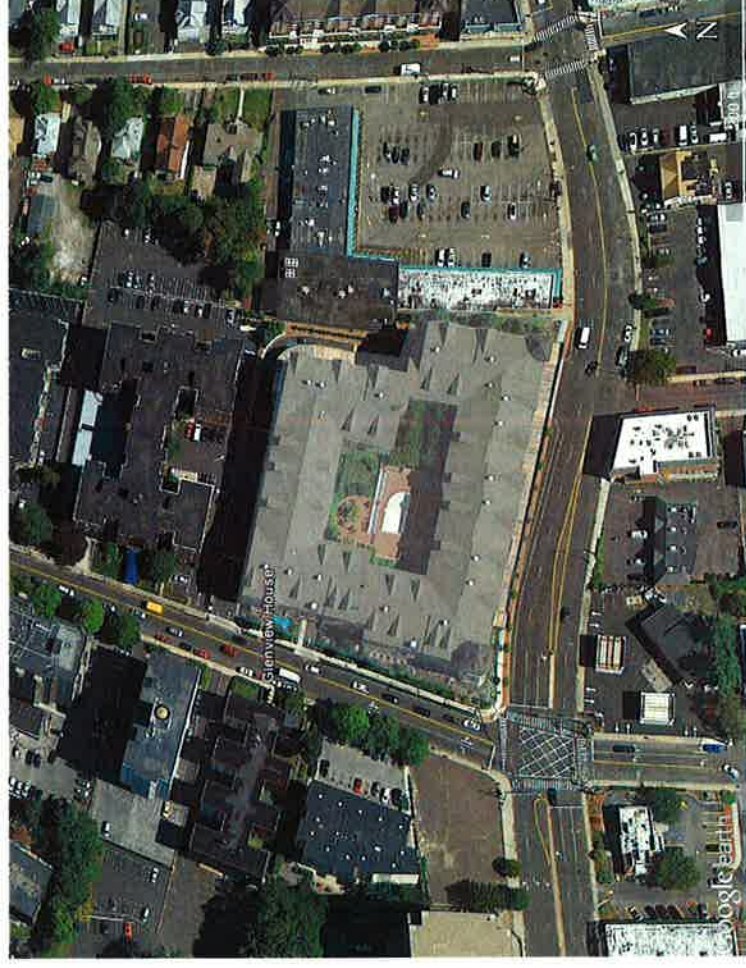
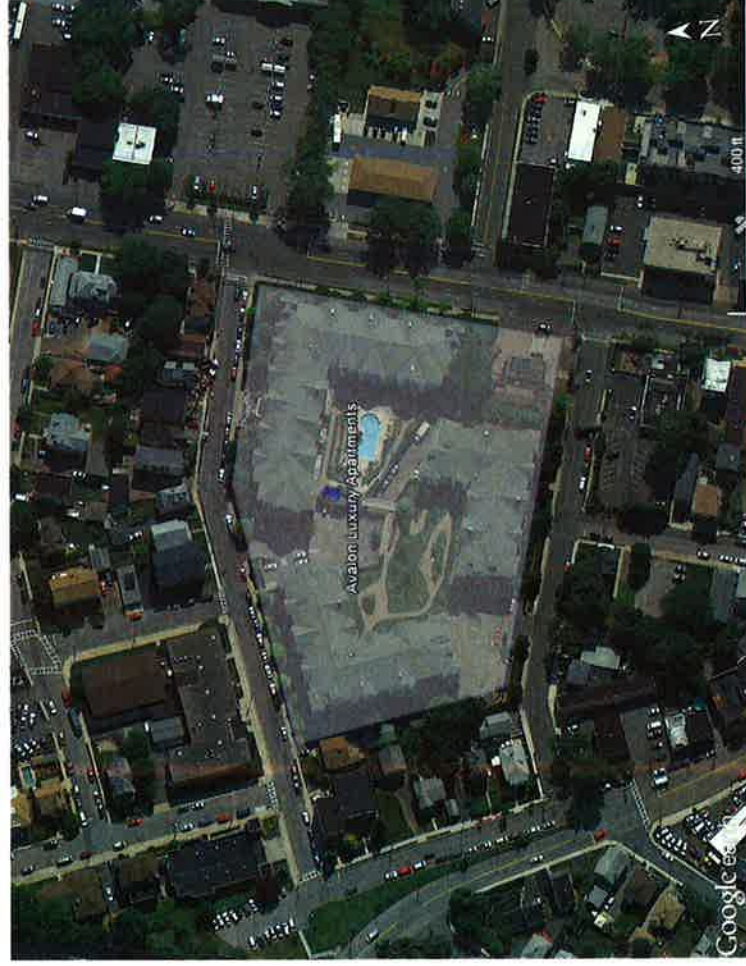
The Osborn and The Mariner





# AERIAL OF COMPETITORS

Avalon and Glenview House

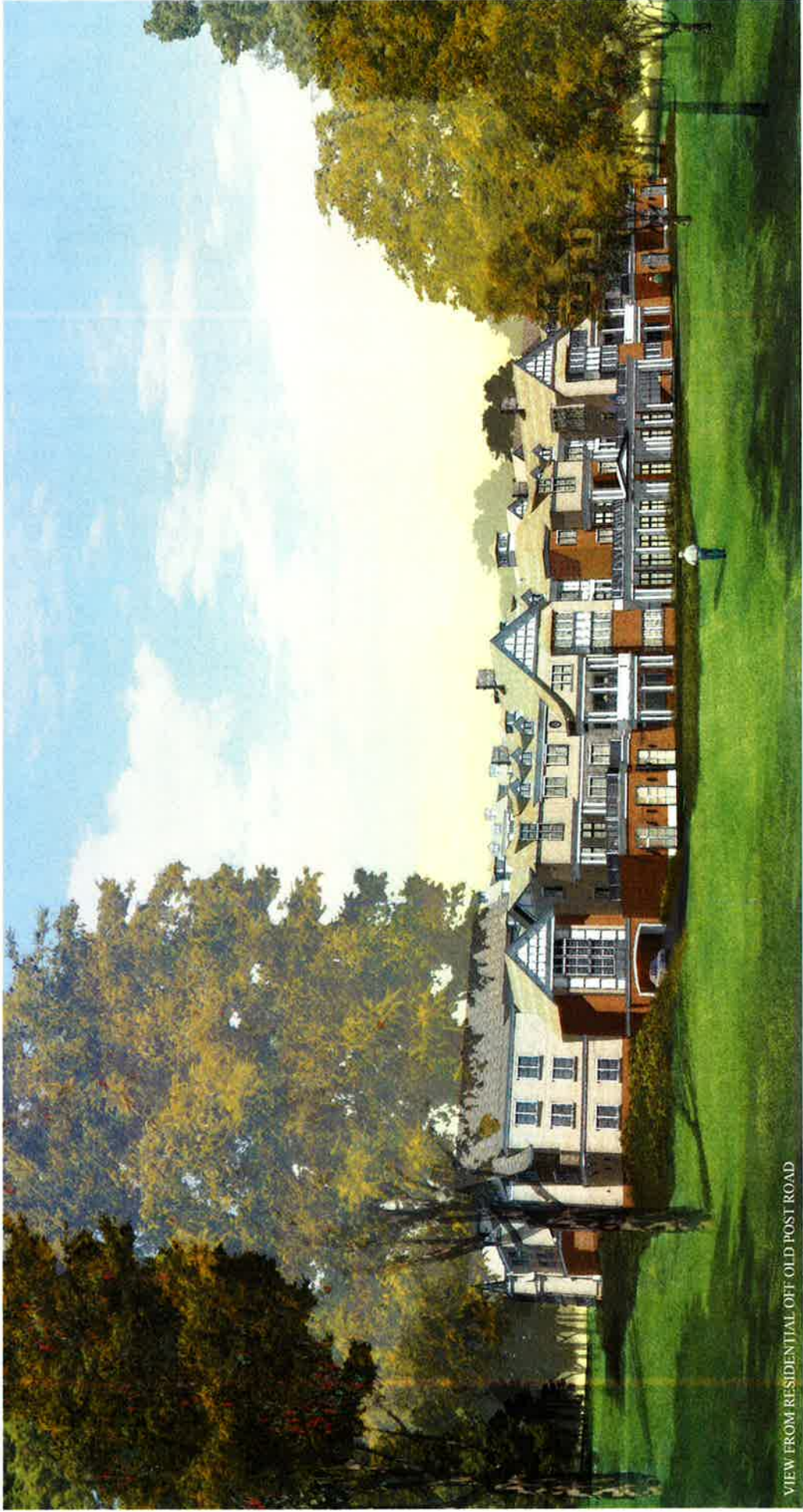


# SITE AND FLOOR PLANS





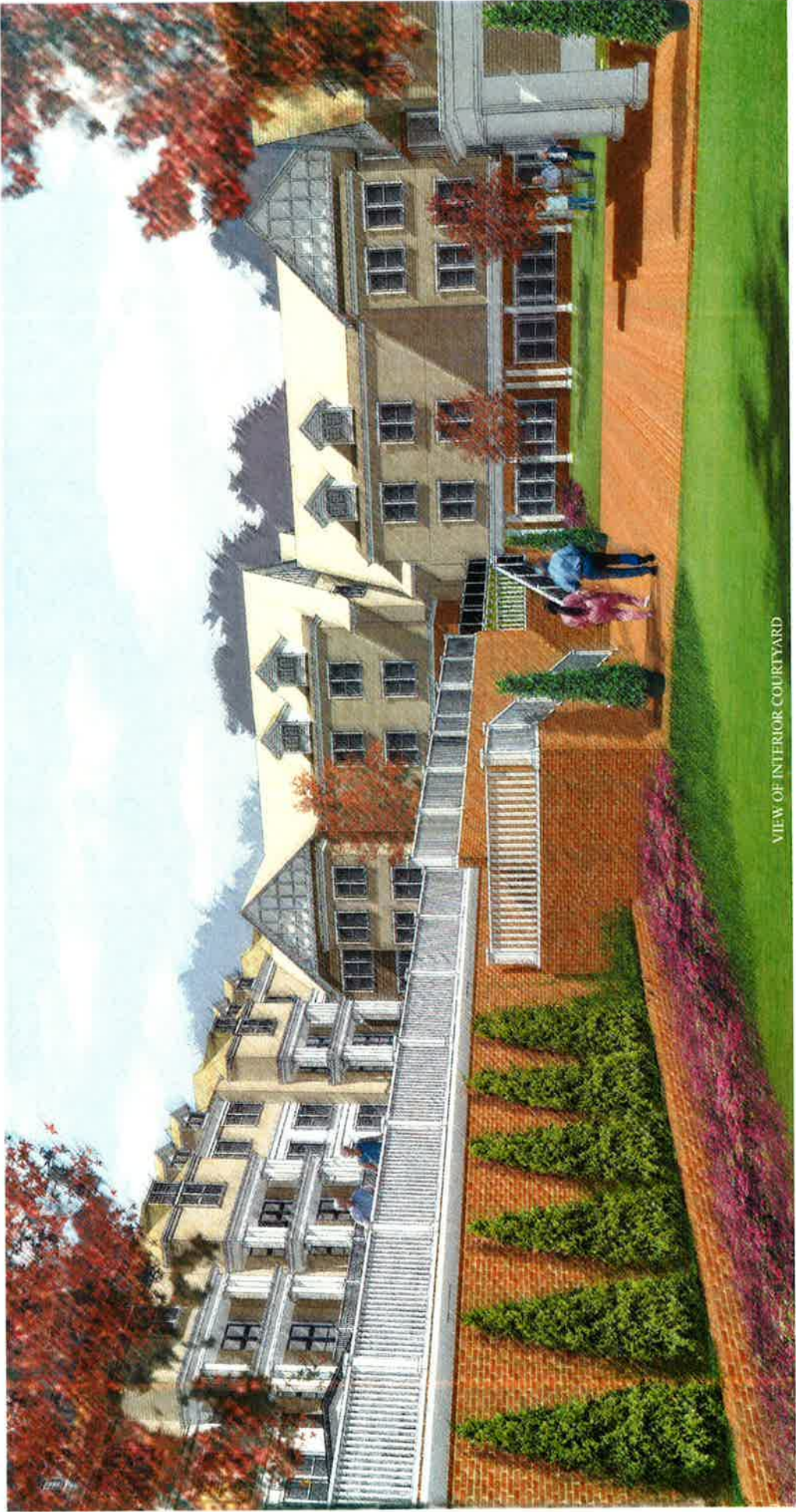




VIEW FROM RESIDENTIAL OFF OLD POST ROAD

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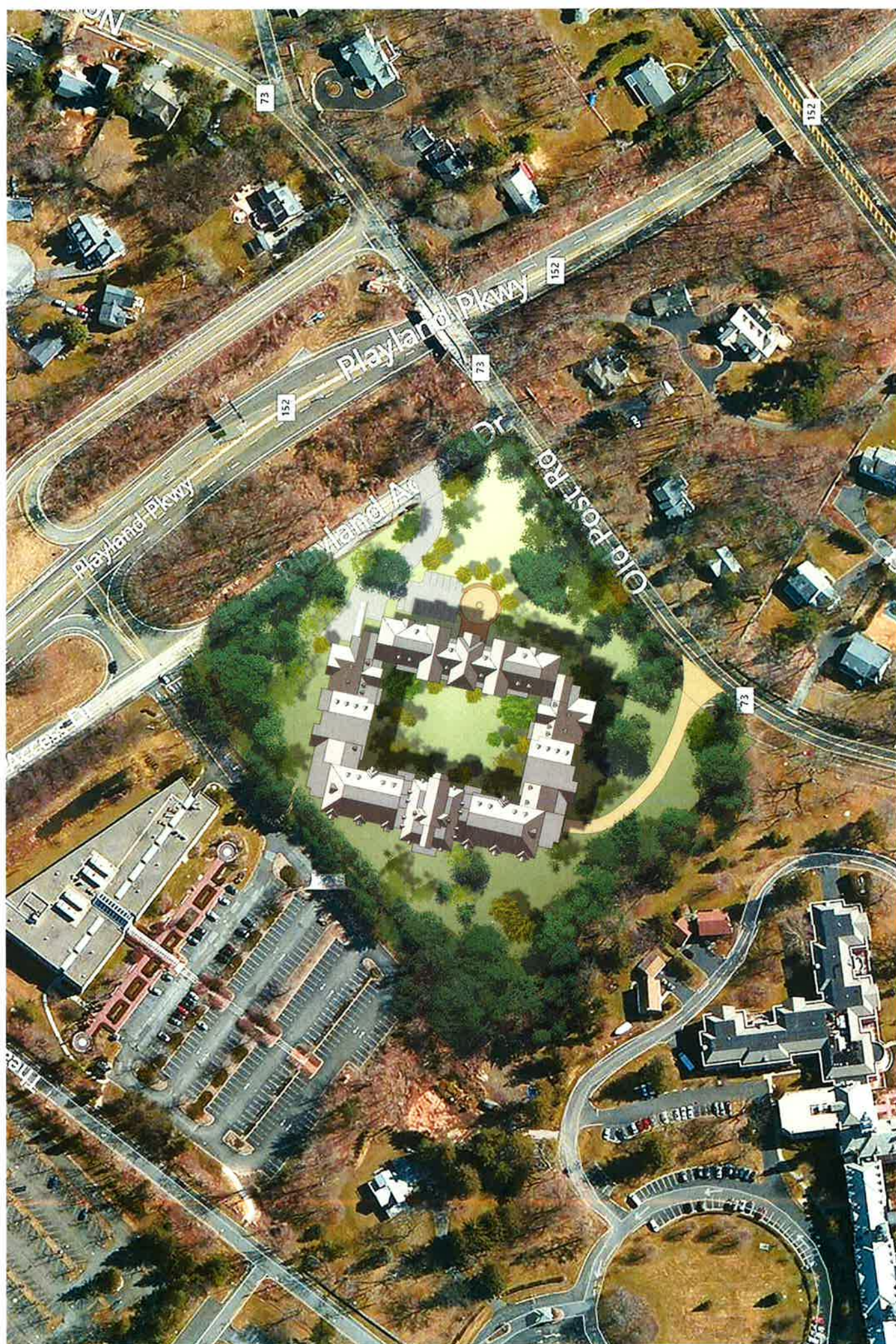


VIEW OF INTERIOR COURTYARD



















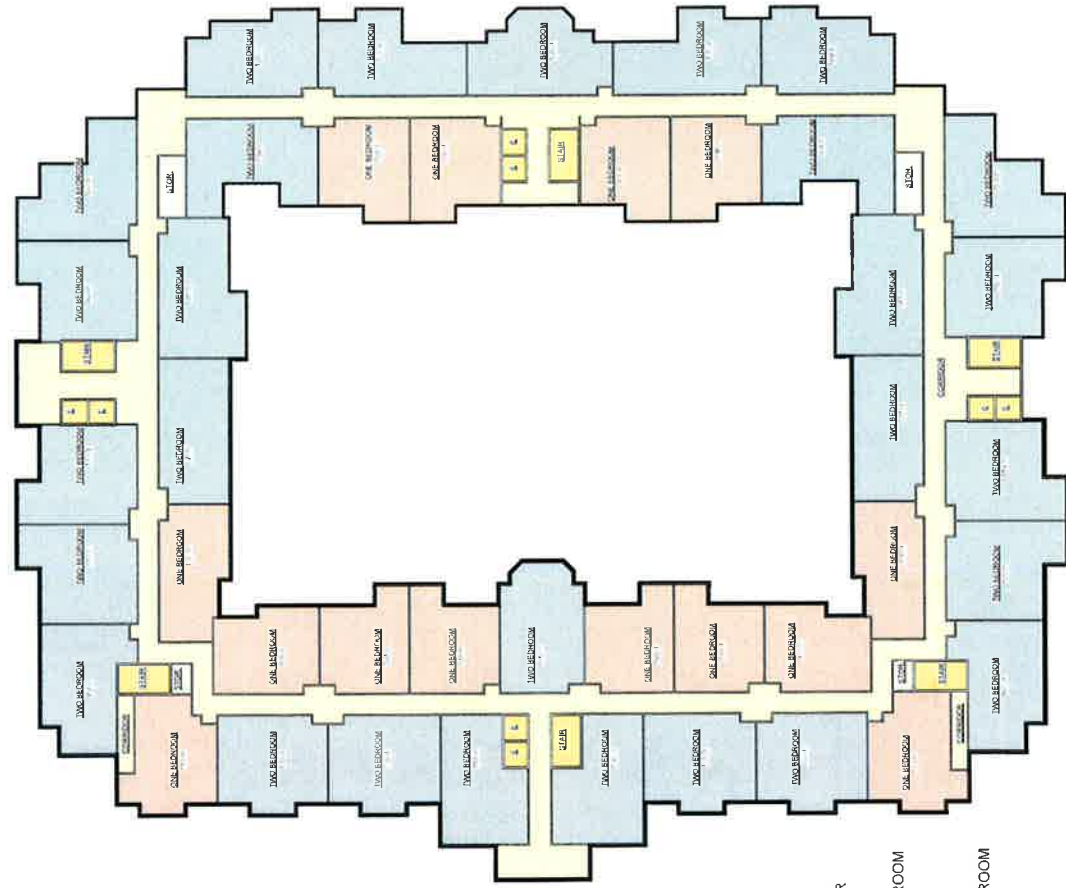


ROOM AREAS		
Name	Area	
ONE BEDROOM	14,132 SF	
TWO BEDROOM	18,110 SF	
2ND FLOOR 17	73,447 SF	
ONE BEDROOM	14,027 SF	
TWO BEDROOM	14,030 SF	
3RD FLOOR 47	49,260 SF	
ONE BEDROOM	14,429 SF	
TWO BEDROOM	17,112 SF	
4TH FLOOR 32	37,762 SF	
ONE BEDROOM	14,133 SF	
TWO BEDROOM	17,112 SF	
5TH FLOOR 25	29,352 SF	
ONE BEDROOM	14,133 SF	
TWO BEDROOM	17,112 SF	
6TH FLOOR 17	73,254 SF	
ONE BEDROOM	14,133 SF	
TWO BEDROOM	17,112 SF	
Grand total	133	159,071 SF

UNITS - ONE BEDROOM		
Level	Name	
2ND FLOOR	ONE BEDROOM	
3RD FLOOR	ONE BEDROOM	
4TH FLOOR	ONE BEDROOM	
5TH FLOOR	ONE BEDROOM	
6TH FLOOR	ONE BEDROOM	
Grand total	5	

UNITS - TWO BEDROOM		
Level	Name	
2ND FLOOR	TWO BEDROOM	
3RD FLOOR	TWO BEDROOM	
4TH FLOOR	TWO BEDROOM	
5TH FLOOR	TWO BEDROOM	
6TH FLOOR	TWO BEDROOM	
Grand total	12	

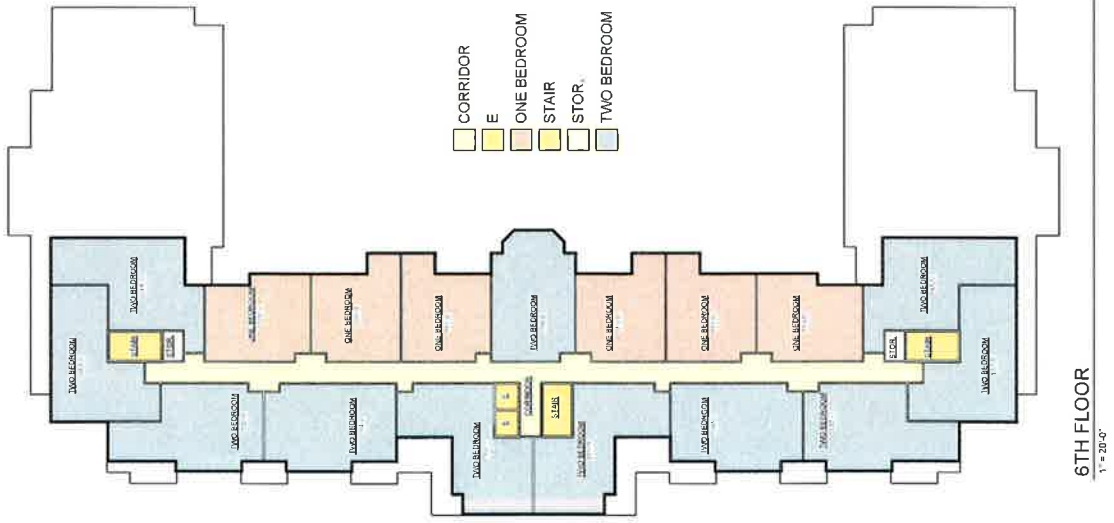
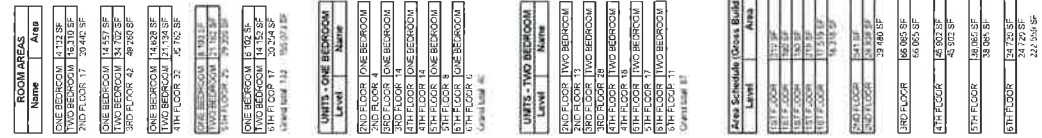
Area Schedule (Gross Building)		
Level	Area	
1ST FLOOR	2172 SF	
2ND FLOOR	1803 SF	
3RD FLOOR	1803 SF	
4TH FLOOR	1711 SF	
5TH FLOOR	1711 SF	
6TH FLOOR	1803 SF	
7TH FLOOR	1803 SF	
8TH FLOOR	1803 SF	
9TH FLOOR	1803 SF	
10TH FLOOR	1803 SF	
11TH FLOOR	1803 SF	
12TH FLOOR	1803 SF	
13TH FLOOR	1803 SF	
14TH FLOOR	1803 SF	
15TH FLOOR	1803 SF	
16TH FLOOR	1803 SF	
17TH FLOOR	1803 SF	
18TH FLOOR	1803 SF	
19TH FLOOR	1803 SF	
20TH FLOOR	1803 SF	
21TH FLOOR	1803 SF	
22TH FLOOR	1803 SF	
23TH FLOOR	1803 SF	
24TH FLOOR	1803 SF	
25TH FLOOR	1803 SF	
26TH FLOOR	1803 SF	
27TH FLOOR	1803 SF	
28TH FLOOR	1803 SF	
29TH FLOOR	1803 SF	
30TH FLOOR	1803 SF	
31TH FLOOR	1803 SF	
32TH FLOOR	1803 SF	
33TH FLOOR	1803 SF	
34TH FLOOR	1803 SF	
35TH FLOOR	1803 SF	
36TH FLOOR	1803 SF	
37TH FLOOR	1803 SF	
38TH FLOOR	1803 SF	
39TH FLOOR	1803 SF	
40TH FLOOR	1803 SF	
41TH FLOOR	1803 SF	
42TH FLOOR	1803 SF	
43TH FLOOR	1803 SF	
44TH FLOOR	1803 SF	
45TH FLOOR	1803 SF	
46TH FLOOR	1803 SF	
47TH FLOOR	1803 SF	
48TH FLOOR	1803 SF	
49TH FLOOR	1803 SF	
50TH FLOOR	1803 SF	
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55TH FLOOR	1803 SF	
56TH FLOOR	1803 SF	
57TH FLOOR	1803 SF	
58TH FLOOR	1803 SF	
59TH FLOOR	1803 SF	
60TH FLOOR	1803 SF	
61TH FLOOR	1803 SF	
62TH FLOOR	1803 SF	
63TH FLOOR	1803 SF	
64TH FLOOR	1803 SF	
65TH FLOOR	1803 SF	
66TH FLOOR	1803 SF	
67TH FLOOR	1803 SF	
68TH FLOOR	1803 SF	
69TH FLOOR	1803 SF	
70TH FLOOR	1803 SF	
71TH FLOOR	1803 SF	
72TH FLOOR	1803 SF	
73TH FLOOR	1803 SF	
74TH FLOOR	1803 SF	
75TH FLOOR	1803 SF	
76TH FLOOR	1803 SF	
77TH FLOOR	1803 SF	
78TH FLOOR	1803 SF	
79TH FLOOR	1803 SF	
80TH FLOOR	1803 SF	
81TH FLOOR	1803 SF	
82TH FLOOR	1803 SF	
83TH FLOOR	1803 SF	
84TH FLOOR	1803 SF	
85TH FLOOR	1803 SF	
86TH FLOOR	1803 SF	
87TH FLOOR	1803 SF	
88TH FLOOR	1803 SF	
89TH FLOOR	1803 SF	
90TH FLOOR	1803 SF	
91TH FLOOR	1803 SF	
92TH FLOOR	1803 SF	
93TH FLOOR	1803 SF	
94TH FLOOR	1803 SF	
95TH FLOOR	1803 SF	
96TH FLOOR	1803 SF	
97TH FLOOR	1803 SF	
98TH FLOOR	1803 SF	
99TH FLOOR	1803 SF	
100TH FLOOR	1803 SF	



- CORRIDOR
- ONE BEDROOM
- TWO BEDROOM
- STAIR
- STOR.

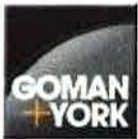
3RD FLOOR  
1" = 20'-0"





# APPENDIX



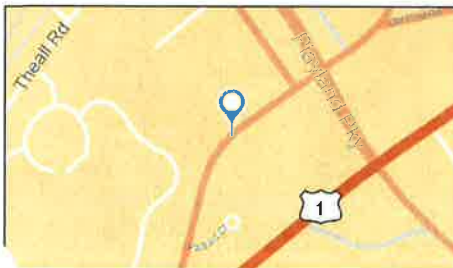


## Site Map

120 old post rd  
120 Old Post Rd, Rye, New York, 10580, 5, 13, 23 DT  
Drive Time: 5, 13, 23 Minutes

Prepared by Robert Goman

Latitude: 40.911112  
Longitude: -73.696325



[illegible]





Rye Sale Comparable

Prepared for Alfred Weissman Real Estate, LLC

Rye Sale Comparable

Address	Type	Bedrooms	Baths	Sqft	Built in	Price Listed	Date Listed	Sold Price	Date Sold
720 Milton Rd	Apartment	1	2	1,100	1963	425,000	14-Jul		
66 Milton Rd	Apartment	2	1	1,060	1929	409,000	13-May		
66 Milton Rd	Apartment	1	1	1,000	1927	405,000	14-Sep		
20 Chestnut St.	Condo	2	1	780	1954	389,000	14-May		
4 Walnut St	Condo	2	1	850	1955	349,000	14-Oct		
24 Peck Ave	Condo	2	1	1,025	1948	335,000	14-Sep		
6 Davis Ave	Apartment	2	1	1,150	1926	329,000	14-Jun		
66 Milton Rd	Apartment	1	1	750	1927	297,700	14-Oct		
79 Peck Ave	Apartment	2	1	1,000	1948	289,000	14-Jul		
222 Peck Ave	Apartment	2	1	1,010	1948	274,999	14-Oct		
33 Peck Ave	Apartment	1	1	800	1948	149,000	14-Jul		
30 Pondview Rd	Condo	2	2	1,000	1940	439,000			
102 Peck Ave	Apartment	2	2	1,288	1989			1,250,000	13-Jul
30 Pondview Rd	Condo	2	2	900	1940			349,500	12-Nov
2 Walnut St	Condo	2	1	875	1955			374,900	14-Jan
1 Walnut St	Condo	2	1	850	1954			295,000	14-Jan
216 Purchase St.	Apartment	2	2	1,100	1965			530,000	14-Mar
6 Davis Ave	Apartment	2	2	1,400	1926			330,000	14-Oct
66 Milton Rd	Apartment	1	1	750	1929			310,000	13-Jun
110 Theodore	Apartment	2	2.5	1,130	1986			470,000	13-Jul
3 Peck Ave	Apartment	2	1	1,000	1948			265,000	13-Apr
216 Purchase St.	Apartment	3	2	1,400	1969			635,000	14-Feb
216 Purchase St.	Apartment	3	2	1,400	1969			654,321	13-Jun

Sale Comparable Around Rye

Business	Address	City	State	Units	Type	Bedrooms	Baths	Square Footage	Price
The Ritz Carlton	1 Renaissance Sq	White Plains	NY		Condo	2	3	1,445	859,000
The Ritz Carlton	1 Renaissance Sq	White Plains	NY		Condo	2	2.5	1,445	899,900
The Seasons	124 Spring Dr	East Meadow	NY		Condo	2	3	974	559,900
The Wyndham at Garden City	111 Cherry Valley Ave	Garden City	NY		Condo	2	3	1,440	1,250,000
The Wyndham at Garden City	111 Cherry Valley Ave	Garden City	NY		Condo	2	3	1,397	964,000
	4312 214th PL	Bayside	NY		Condo	2	2	928	670,000
	4312 214th PL	Bayside	NY			2	2	871	668,000
The Seasons	124 Spring Dr	East Meadow	NY		Condo	2	3	974	559,900
The Cabium	10 Byron Place	Larchmont	NY	149	Condo	1	1	811	567,700
	10 Byron Place	Larchmont	NY	149	Condo	1	2	1,280	730,000
	500 Central Park Ave	Larchmont	NY	149	Condo	2	2	1,442	829,150
	72 Pondfield Rd.	Scarsdale	NY		Condo	2	2	1,350	539,000
River House	701 Ridge Hill Blvd	Bronxville	NY		Condo	2	2	1,225	699,000
	55 1st St	Yonkers	NY		Condo	2	2	1,232	512,000
		Pelham	NY		Condo	1	1.5	1,264	529,000
The Addison		Port Washington	NY		Apartment	2	3	1,630	625,000
					Apartment	1	2	1,064	460,000
					Apartment	2	2.5	1,420	620,000
					Apartment	2	2	1,461	695,000
Meadowbrook Pointe		Westbury	NY		Apartment	2	2	1,353	650,000
					Apartment	1	1.5	970	505,000



## ACS Housing Summary

120 old post rd  
120 Old Post Rd, Rye, New York, 10580, S. 13, 23 DT  
Drive Time: 5 minutes

Prepared by Robert Goman

	2005-2009 ACS Estimate	Percent	MOE(±)	Reliability
<b>TOTALS</b>				
Total Population	15,109		769	High
Total Households	5,528		242	High
Total Housing Units	5,840		234	High
<b>OWNER-OCCUPIED HOUSING UNITS BY VALUE</b>				
Total	3,562	100.0%	181	High
Less than \$10,000	4	0.1%	35	Low
\$10,000 to \$14,999	1	0.0%	20	Low
\$15,000 to \$19,999	0	0.0%	0	Low
\$20,000 to \$24,999	0	0.0%	0	Low
\$25,000 to \$29,999	9	0.3%	14	Low
\$30,000 to \$34,999	1	0.0%	14	Low
\$35,000 to \$39,999	5	0.1%	21	Low
\$40,000 to \$49,999	0	0.0%	0	Low
\$50,000 to \$59,999	4	0.1%	15	Low
\$60,000 to \$69,999	9	0.3%	61	Low
\$70,000 to \$79,999	0	0.0%	0	Low
\$80,000 to \$89,999	0	0.0%	0	Low
\$90,000 to \$99,999	27	0.8%	27	Low
\$100,000 to \$124,999	34	1.0%	25	Low
\$125,000 to \$149,999	32	0.9%	37	Low
\$150,000 to \$174,999	85	2.4%	74	Low
\$175,000 to \$199,999	142	4.0%	51	Low
\$200,000 to \$249,999	187	5.2%	61	Low
\$250,000 to \$299,999	200	5.6%	85	Low
\$300,000 to \$399,999	179	5.0%	59	Low
\$400,000 to \$499,999	512	14.4%	92	Low
\$500,000 to \$749,999	636	17.9%	80	Low
\$750,000 to \$999,999	1,435	40.0%	117	Low
\$1,000,000 or more				
Median Home Value	\$887,579		N/A	
Average Home Value	N/A		N/A	
<b>OWNER-OCCUPIED HOUSING UNITS BY MORTGAGE STATUS</b>				
Total	3,562	100.0%	181	High
Housing units with a mortgage/contract to purchase/similar debt	2,419	67.9%	167	High
Second mortgage only	18	0.5%	10	Low
Home equity loan only	652	18.6%	89	Low
Both second mortgage and home equity loan	29	0.8%	33	Low
No second mortgage and no home equity loan	1,710	48.0%	163	Low
Housing units without a mortgage	1,144	32.1%	130	Low
<b>AVERAGE VALUE BY MORTGAGE STATUS</b>				
Housing units with a mortgage	N/A		N/A	
Housing units without a mortgage	N/A		N/A	

Source: U.S. Census Bureau, 2005-2009 American Community Survey

Reliability: High Medium Low

April 13, 2014



## ACS Housing Summary

120 old post rd  
120 Old Post Rd, Rye, New York, 10580, S. 13, 23 DT  
Drive Time: 5 minutes

Prepared by Robert Goman

	2005-2009 ACS Estimate	Percent	MOE(±)	Reliability
<b>RENTER-OCCUPIED HOUSING UNITS BY CONTRACT RENT</b>				
Total	1,965	100.0%	200	High
With cash rent	1,837	93.5%	200	High
Less than \$100	0	0.0%	0	Low
\$100 to \$149	73	3.7%	59	Low
\$150 to \$199	51	2.6%	29	Low
\$200 to \$249	12	0.6%	44	Low
\$250 to \$299	68	3.5%	52	Low
\$300 to \$349	20	1.0%	20	Low
\$350 to \$399	19	1.0%	14	Low
\$400 to \$449	5	0.3%	34	Low
\$450 to \$499	0	0.0%	0	Low
\$500 to \$549	9	0.5%	14	Low
\$550 to \$599	4	0.2%	13	Low
\$600 to \$649	24	1.2%	68	Low
\$650 to \$699	11	0.6%	43	Low
\$700 to \$749	32	1.6%	10	Low
\$750 to \$799	52	2.6%	50	Low
\$800 to \$899	131	6.7%	57	Low
\$900 to \$999	72	3.7%	27	Low
\$1,000 to \$1,249	145	7.4%	85	Low
\$1,250 to \$1,499	395	20.1%	136	Low
\$1,500 to \$1,999	343	17.5%	82	Low
\$2,000 or more	372	18.9%	102	Low
No cash rent	128	6.5%	41	Low
Median Contract Rent	N/A		N/A	
Average Contract Rent	N/A		N/A	
<b>RENTER-OCCUPIED HOUSING UNITS BY INCLUSION OF UTILITIES IN RENT</b>				
Total	1,965	100.0%	200	High
Pay extra for one or more utilities	1,655	84.2%	196	High
No extra payment for any utilities	310	15.8%	63	Low
<b>HOUSING UNITS BY UNITS IN STRUCTURE</b>				
Total	5,840	100.0%	254	High
1, detached	3,004	51.4%	146	High
1, attached	425	7.3%	104	High
2 or 3	596	10.2%	146	High
4 or 5	138	2.4%	32	Low
6 or 9	366	6.3%	111	Low
10 to 19	169	2.9%	75	Low
20 to 49	753	12.9%	144	Low
50 or more	1	0.0%	14	Low
Mobile home	11	0.2%	16	Low
Boat, RV, van, etc.				

Source: U.S. Census Bureau, 2005-2009 American Community Survey

Reliability: High Medium Low

April 13, 2014

**GOMAN+YORK**  
NOVEMBER 2014



## ACS Housing Summary

120 old post rd  
120 Old Post Rd, Rye, New York, 10580, S, 13, 23 DT  
Drive Time: 5 minutes

Prepared by Robert Goman

		2005-2009 ACS Estimate	Percent	MOE(±)	Reliability
<b>HOUSING UNITS BY YEAR STRUCTURE BUILT</b>					
Total		5,840	100.0%	254	High
Built 2005 or later		45	0.8%	22	High
Built 2000 to 2004		152	2.6%	60	High
Built 1990 to 1999		210	3.6%	41	High
Built 1980 to 1989		361	6.2%	77	High
Built 1970 to 1979		467	8.0%	112	High
Built 1960 to 1969		810	13.9%	122	High
Built 1950 to 1959		883	15.1%	122	High
Built 1940 to 1949		843	14.4%	131	High
Built 1939 or earlier		2,068	35.4%	224	High
Median Year Structure Built		1950		N/A	
<b>OCCUPIED HOUSING UNITS BY YEAR HOUSEHOLDER MOVED INTO UNIT</b>					
Total		5,528	100.0%	242	High
Owner occupied					
Moved in 2005 or later		509	9.2%	116	High
Moved in 2000 to 2004		796	14.4%	115	High
Moved in 1990 to 1999		940	17.0%	110	High
Moved in 1980 to 1989		534	9.7%	85	High
Moved in 1970 to 1979		397	7.2%	75	High
Moved in 1969 or earlier		386	7.0%	67	High
Renter occupied					
Moved in 2005 or later		731	13.2%	147	High
Moved in 2000 to 2004		702	12.7%	147	High
Moved in 1990 to 1999		286	5.2%	69	High
Moved in 1980 to 1989		142	2.6%	84	High
Moved in 1970 to 1979		63	1.1%	27	High
Moved in 1969 or earlier		42	0.8%	37	High
Median Year Householder Moved Into Unit		2000		N/A	
<b>OCCUPIED HOUSING UNITS BY HOUSE HEATING FUEL</b>					
Total		5,528	100.0%	242	High
Utility gas		3,317	60.0%	229	High
Bottled, tank, or LP gas		126	2.3%	40	High
Electricity		257	4.6%	55	High
Fuel oil, kerosene, etc.		1,796	32.5%	177	High
Coal or coke		0	0.0%	0	Low
Wood		1	0.0%	14	Low
Solar energy		0	0.0%	0	Low
Other fuel		0	0.0%	0	Low
No fuel used		32	0.6%	35	Low

Source: U.S. Census Bureau, 2005-2009 American Community Survey

Reliability: High Low

April 13, 2014



## ACS Housing Summary

120 old post rd  
120 Old Post Rd, Rye, New York, 10580, S, 13, 23 DT  
Drive Time: 5 minutes

Prepared by Robert Goman

		2005-2009 ACS Estimate	Percent	MOE(±)	Reliability
<b>OCCUPIED HOUSING UNITS BY VEHICLES AVAILABLE</b>					
Total		5,528	100.0%	242	High
Owner occupied					
No vehicle available		152	2.7%	66	High
1 vehicle available		843	15.2%	96	High
2 vehicles available		1,807	32.7%	162	High
3 vehicles available		553	10.0%	86	High
4 vehicles available		165	3.0%	37	High
5 or more vehicles available		43	0.8%	35	High
Renter occupied					
No vehicle available		316	5.7%	72	High
1 vehicle available		1,102	19.9%	178	High
2 vehicles available		491	8.9%	126	High
3 vehicles available		42	0.8%	24	High
4 vehicles available		3	0.1%	15	High
5 or more vehicles available		11	0.2%	18	High
Average Number of Vehicles Available		N/A		N/A	

Data Note: N/A means not available.

**2005-2009 ACS Estimates:** The American Community Survey (ACS) replaces census sample data. ESRI is releasing the 2005-2009 ACS estimates, five-year period data collected monthly from January 1, 2005 through December 31, 2009. Although the ACS includes many of the subjects previously covered by the decennial census sample, there are significant differences between the two surveys including fundamental differences in survey design and methodology.

**Margin of error (MOE):** The MOE is a measure of the variability of the estimate due to sampling error. MOEs enable the data user to measure the range of uncertainty for each estimate with 90 percent confidence. The range of uncertainty is called the confidence interval, and it is calculated by taking the estimate +/- the MOE. For example, if the ACS reports an estimate of 100 with an MOE of +/- 20, then you can be 90 percent certain the value for the whole population falls between 80 and 120.

**Reliability:** These symbols represent threshold values that ESRI has established from the Coefficients of Variation (CV) to designate the usability of the estimates. The CV measures the amount of sampling error relative to the size of the estimate, expressed as a percentage.

High Reliability: Small CVs (less than or equal to 12 percent) are flagged green to indicate that the sampling error is small relative to the estimate, and the estimate is reasonably reliable.

Medium Reliability: Estimates with CVs between 12 and 40 are flagged yellow—use with caution.

Low Reliability: Large CVs (over 40 percent) are flagged red to indicate that the sampling error is large relative to the estimate. The estimate is considered very unreliable.

Source: U.S. Census Bureau, 2005-2009 American Community Survey

Reliability: High Low

April 13, 2014



## ACS Housing Summary

120 old post rd  
120 Old Post Rd, Rye, New York, 10580, S. 13, 23 DT  
Drive Time: 13 minutes

Prepared by Robert Goman

	2005-2009 ACS Estimate	Percent	MOR(±)	Reliability
<b>TOTALS</b>				
Total Population	193,147		4,135	U
Total Households	72,174		1,445	U
Total Housing Units	76,616		1,170	U
<b>OWNER-OCCUPIED HOUSING UNITS BY VALUE</b>				
Total	45,394	100.0%	942	U
Less than \$10,000	96	0.2%	46	U
\$10,000 to \$14,999	30	0.1%	15	U
\$15,000 to \$24,999	30	0.1%	28	U
\$25,000 to \$34,999	46	0.1%	53	U
\$35,000 to \$49,999	24	0.1%	26	U
\$50,000 to \$74,999	19	0.0%	12	U
\$75,000 to \$99,999	45	0.1%	30	U
\$100,000 to \$149,999	41	0.1%	19	U
\$150,000 to \$249,999	155	0.3%	81	U
\$250,000 to \$499,999	96	0.2%	65	U
\$500,000 to \$999,999	144	0.3%	97	U
\$1,000,000 or more	155	0.3%	55	U
Median Home Value	110	0.2%	60	U
Average Home Value	580	1.3%	150	U
<b>OWNER-OCCUPIED HOUSING UNITS BY MORTGAGE STATUS</b>				
Total	30,227	66.6%	890	U
Housing units with a mortgage/contract to purchase/similar debt	729	1.6%	157	U
Second mortgage only	7,853	17.3%	456	U
Home equity loan only	269	0.6%	113	U
Both second mortgage and home equity loan	21,375	47.1%	824	U
No second mortgage and no home equity loan	15,167	33.4%	619	U
Housing units without a mortgage				
<b>AVERAGE VALUE BY MORTGAGE STATUS</b>				
Housing units with a mortgage	N/A		N/A	
Housing units without a mortgage	N/A		N/A	

Source: U.S. Census Bureau, 2005-2009 American Community Survey

Reliability: U high M medium L low

April 13, 2014



## ACS Housing Summary

120 old post rd  
120 Old Post Rd, Rye, New York, 10580, S. 13, 23 DT  
Drive Time: 13 minutes

Prepared by Robert Goman

	2005-2009 ACS Estimate	Percent	MOR(±)	Reliability
<b>RENTER-OCCUPIED HOUSING UNITS BY CONTRACT RENT</b>				
Total	26,781	100.0%	943	U
With cash rent	25,677	95.9%	928	U
Less than \$100	146	0.5%	72	U
\$100 to \$149	253	0.9%	110	U
\$150 to \$199	397	1.5%	113	U
\$200 to \$249	423	1.6%	142	U
\$250 to \$299	237	0.9%	91	U
\$300 to \$349	269	1.0%	127	U
\$350 to \$399	290	1.1%	97	U
\$400 to \$449	409	1.5%	130	U
\$450 to \$499	361	1.3%	147	U
\$500 to \$549	349	1.3%	136	U
\$550 to \$599	386	1.4%	122	U
\$600 to \$649	736	2.7%	194	U
\$650 to \$699	660	2.5%	173	U
\$700 to \$749	524	2.0%	128	U
\$750 to \$799	484	1.8%	143	U
\$800 to \$899	1,716	6.4%	288	U
\$900 to \$999	1,382	5.2%	255	U
\$1,000 to \$1,249	3,755	14.0%	429	U
\$1,250 to \$1,499	4,268	15.9%	474	U
\$1,500 to \$1,999	4,671	17.4%	458	U
\$2,000 or more	3,960	14.8%	433	U
No cash rent	1,103	4.1%	241	U
Median Contract Rent	N/A		N/A	
Average Contract Rent	N/A		N/A	
<b>RENTER-OCCUPIED HOUSING UNITS BY INCLUSION OF UTILITIES IN RENT</b>				
Total	26,781	100.0%	943	U
Pay extra for one or more utilities	22,679	84.7%	891	U
No extra payment for any utilities	4,102	15.3%	443	U
<b>HOUSING UNITS BY UNITS IN STRUCTURE</b>				
Total	76,616	100.0%	1,170	U
1, detached	35,480	43.6%	423	U
1, attached	4,591	6.0%	617	U
2	6,787	11.5%	349	U
2 or 4	6,344	8.3%	337	U
3 to 9	3,859	4.7%	334	U
10 to 19	2,859	3.7%	244	U
20 to 49	5,637	7.4%	552	U
50 or more	11,115	14.5%	185	U
Median units in structure	17	0.1%	16	U
Boat, RV, van, etc.	11	0.0%		

Source: U.S. Census Bureau, 2005-2009 American Community Survey

Reliability: U high M medium L low

April 13, 2014



## ACS Housing Summary

120 old post rd  
120 Old Post Rd, Rye, New York, 10580, S. 13, 23 DT  
Drive Time: 13 minutes

Prepared by Robert Goman

2005-2009			
ACS Estimate	Percent	MOE (±)	Reliability
<b>HOUSING UNITS BY YEAR STRUCTURE BUILT</b>			
Total	100.0%	1,170	U
Built 2005 or later	1.5%	209	U
Built 2000 to 2004	3.2%	303	U
Built 1990 to 1999	5.2%	358	U
Built 1980 to 1989	8.0%	439	U
Built 1970 to 1979	6.1%	504	U
Built 1960 to 1969	13.9%	10,656	U
Built 1950 to 1959	13.6%	684	U
Built 1940 to 1949	9.5%	536	U
Built 1939 or earlier	31.4%	905	U
Median Year Structure Built		1955	
<b>OCCUPIED HOUSING UNITS BY YEAR HOUSEHOLDER MOVED INTO UNIT</b>			
Total	100.0%	1,145	U
Owner occupied	8.4%	490	U
Moved in 2005 or later	14.3%	576	U
Moved in 2000 to 2004	16.6%	600	U
Moved in 1990 to 1999	9.0%	427	U
Moved in 1980 to 1989	6.5%	362	U
Moved in 1970 to 1979	8.1%	417	U
Moved in 1969 or earlier	14.9%	691	U
Renter occupied	11.9%	556	U
Moved in 2005 or later	5.9%	428	U
Moved in 2000 to 2004	2.1%	253	U
Moved in 1990 to 1999	1.3%	178	U
Moved in 1970 to 1979	1.0%	176	U
Moved in 1969 or earlier		N/A	
Median Year Householder Moved Into Unit		N/A	
<b>OCCUPIED HOUSING UNITS BY HOUSE HEATING FUEL</b>			
Total	100.0%	1,145	U
Utility gas	56.2%	1,053	U
Bottled, tank, or LP gas	7.4%	170	U
Electricity	7.2%	402	U
Fuel oil, kerosene, etc	24.3%	594	U
Coal or coke	0.0%	0	U
Wood	0.1%	40	U
Solar energy	0.0%	20	U
Other fuel	0.5%	115	U
No fuel used	0.2%	70	U

Source: U.S. Census Bureau, 2005-2009 American Community Survey

Reliability: U High M medium L low

April 13, 2014



## ACS Housing Summary

120 old post rd  
120 Old Post Rd, Rye, New York, 10580, S. 13, 23 DT  
Drive Time: 13 minutes

Prepared by Robert Goman

2005-2009			
ACS Estimate	Percent	MOE (±)	Reliability
<b>HOUSING UNITS BY YEAR STRUCTURE BUILT</b>			
Total	100.0%	1,170	U
Built 2005 or later	1.5%	209	U
Built 2000 to 2004	3.2%	303	U
Built 1990 to 1999	5.2%	358	U
Built 1980 to 1989	8.0%	439	U
Built 1970 to 1979	6.1%	504	U
Built 1960 to 1969	13.9%	10,656	U
Built 1950 to 1959	13.6%	684	U
Built 1940 to 1949	9.5%	536	U
Built 1939 or earlier	31.4%	905	U
Median Year Structure Built		1955	
<b>OCCUPIED HOUSING UNITS BY YEAR HOUSEHOLDER MOVED INTO UNIT</b>			
Total	100.0%	1,145	U
Owner occupied	8.4%	490	U
Moved in 2005 or later	14.3%	576	U
Moved in 2000 to 2004	16.6%	600	U
Moved in 1990 to 1999	9.0%	427	U
Moved in 1980 to 1989	6.5%	362	U
Moved in 1970 to 1979	8.1%	417	U
Moved in 1969 or earlier	14.9%	691	U
Renter occupied	11.9%	556	U
Moved in 2005 or later	5.9%	428	U
Moved in 2000 to 2004	2.1%	253	U
Moved in 1990 to 1999	1.3%	178	U
Moved in 1970 to 1979	1.0%	176	U
Moved in 1969 or earlier		N/A	
Median Year Householder Moved Into Unit		N/A	
<b>OCCUPIED HOUSING UNITS BY HOUSE HEATING FUEL</b>			
Total	100.0%	1,145	U
Utility gas	56.2%	1,053	U
Bottled, tank, or LP gas	7.4%	170	U
Electricity	7.2%	402	U
Fuel oil, kerosene, etc	24.3%	594	U
Coal or coke	0.0%	0	U
Wood	0.1%	40	U
Solar energy	0.0%	20	U
Other fuel	0.5%	115	U
No fuel used	0.2%	70	U

Source: U.S. Census Bureau, 2005-2009 American Community Survey

Reliability: U High M medium L low

April 13, 2014





## ACS Housing Summary

120 old post rd  
120 Old Post Rd, Rye, New York, 10580, S, 13, 23 DT  
Drive Time: 23 minutes

Prepared by Robert Goman

	2005-2009 ACS Estimate	Percent	MOE(z)	Reliability
<b>TOTALS</b>				
Total Population	1,289,719		11,485	Low
Total Households	470,798		3,018	Low
Total Housing Units	501,069		3,003	Low
<b>OWNER-OCCUPIED HOUSING UNITS BY VALUE</b>				
Total	252,892	100.0%	2,424	Low
Less than \$10,000	1,249	0.5%	713	Low
\$10,000 to \$14,999	1,395	0.5%	216	Low
\$15,000 to \$19,999	1,312	0.4%	192	Low
\$20,000 to \$24,999	560	0.2%	155	Low
\$25,000 to \$29,999	592	0.2%	163	Low
\$30,000 to \$34,999	465	0.2%	147	Low
\$35,000 to \$39,999	398	0.1%	97	Low
\$40,000 to \$49,999	739	0.3%	179	Low
\$50,000 to \$59,999	1,658	0.7%	329	Low
\$60,000 to \$69,999	1,272	0.5%	249	Low
\$70,000 to \$79,999	1,671	0.7%	310	Low
\$80,000 to \$89,999	1,949	0.8%	340	Low
\$90,000 to \$99,999	1,599	0.6%	255	Low
\$100,000 to \$124,999	4,651	1.8%	480	Low
\$125,000 to \$149,999	3,923	1.6%	434	Low
\$150,000 to \$174,999	5,758	2.3%	513	Low
\$175,000 to \$199,999	4,314	1.7%	459	Low
\$200,000 to \$249,999	11,131	4.4%	677	Low
\$250,000 to \$299,999	6,757	3.5%	631	Low
\$300,000 to \$399,999	39,997	12.3%	1,135	Low
\$400,000 to \$499,999	37,108	14.7%	1,208	Low
\$500,000 to \$749,999	65,979	26.5%	1,489	Low
\$750,000 to \$999,999	27,811	11.0%	952	Low
\$1,000,000 or more	36,902	14.6%	908	Low
Median Home Value	N/A		N/A	
Average Home Value	N/A		N/A	
<b>OWNER-OCCUPIED HOUSING UNITS BY MORTGAGE STATUS</b>				
Total	252,892	100.0%	2,424	Low
Housing units with a mortgage/contract to purchase/rental debt	156,566	65.9%	2,231	Low
Second mortgage only	5,863	2.3%	487	Low
Home equity loan only	36,608	14.5%	1,121	Low
Both second mortgage and home equity loan	2,089	0.8%	326	Low
No second mortgage and no home equity loan	122,008	48.2%	2,059	Low
Housing units without a mortgage	86,324	34.1%	1,626	Low
<b>AVERAGE VALUE BY MORTGAGE STATUS</b>				
Housing units with a mortgage	N/A		N/A	
Housing units without a mortgage	N/A		N/A	

Source: U.S. Census Bureau, 2005-2009 American Community Survey

Reliability: Low High Medium Low

April 13, 2014



## ACS Housing Summary

120 old post rd  
120 Old Post Rd, Rye, New York, 10580, S, 13, 23 DT  
Drive Time: 23 minutes

Prepared by Robert Goman

	2005-2009 ACS Estimate	Percent	MOE(z)	Reliability
<b>RENTER-OCCUPIED HOUSING UNITS BY CONTRACT RENT</b>				
Total	217,907	100.0%	2,632	Low
With cash rent	211,634	97.1%	2,611	Low
Less than \$100	1,017	0.5%	237	Low
\$100 to \$149	2,034	0.9%	322	Low
\$150 to \$199	3,949	1.8%	421	Low
\$200 to \$249	4,305	2.0%	457	Low
\$250 to \$299	2,481	1.1%	323	Low
\$300 to \$349	2,808	1.3%	349	Low
\$350 to \$399	2,341	1.1%	353	Low
\$400 to \$449	3,486	1.6%	418	Low
\$450 to \$499	3,079	1.4%	433	Low
\$500 to \$549	5,154	2.4%	516	Low
\$550 to \$599	4,072	1.9%	478	Low
\$600 to \$649	6,886	3.2%	563	Low
\$650 to \$699	7,415	3.4%	611	Low
\$700 to \$749	8,407	3.9%	681	Low
\$750 to \$799	9,385	4.3%	688	Low
\$800 to \$899	21,218	9.7%	1,016	Low
\$900 to \$999	23,723	10.9%	1,081	Low
\$1,000 to \$1,249	38,443	17.6%	1,324	Low
\$1,250 to \$1,499	28,442	13.0%	1,197	Low
\$1,500 to \$1,999	27,702	12.7%	1,137	Low
\$2,000 or more	12,482	5.7%	739	Low
No cash rent	6,272	2.9%	569	Low
Median Contract Rent	N/A		N/A	
Average Contract Rent	N/A		N/A	
<b>UTILITIES IN RENT</b>				
Total	217,907	100.0%	2,632	Low
Pay extra for one or more utilities	174,076	79.9%	2,464	Low
No extra payment for any utilities	43,831	20.1%	1,281	Low
<b>HOUSING UNITS BY UNITS IN STRUCTURE</b>				
Total	501,069	100.0%	3,003	Low
1 detached	167,394	33.4%	1,958	Low
1 attached	31,375	6.3%	1,100	Low
2	56,525	11.3%	1,623	Low
3 or 4	48,130	9.6%	1,511	Low
5 to 9	25,122	5.0%	1,076	Low
10 to 19	20,426	4.1%	964	Low
20 to 49	48,758	9.7%	1,422	Low
50 or more	100,482	20.1%	1,650	Low
Mobile home	734	0.1%	219	Low
Boat, RV, van, etc.	125	0.0%	97	Low

Source: U.S. Census Bureau, 2005-2009 American Community Survey

Reliability: Low High Medium Low

April 13, 2014



## ACS Housing Summary

120 old post rd  
120 Old Post Rd, Rye, New York, 10580, S. 13, 23 DT  
Drive Time: 23 minutes

Prepared by Robert Goman

HOUSING UNITS BY YEAR STRUCTURE BUILT						
2005-2009	ACS estimate	Percent	MOE(±)	Reliability		
Total	501,069	100.0%	3,003			
Built 2005 or later	5,192	1.0%	482			
Built 2000 to 2004	12,762	2.6%	730			
Built 1990 to 1999	18,329	3.7%	861			
Built 1980 to 1989	27,716	5.5%	1,080			
Built 1970 to 1979	43,218	8.6%	1,365			
Built 1960 to 1969	73,598	14.7%	1,732			
Built 1950 to 1959	103,759	20.7%	2,005			
Built 1940 to 1949	59,934	12.0%	1,627			
Built 1939 or earlier	156,541	31.2%	2,373			
Median Year Structure Built	N/A		N/A			
OCCUPIED HOUSING UNITS BY YEAR HOUSEHOLDER MOVED						
2005-2009	ACS estimate	Percent	MOE(±)	Reliability		
Total	470,798	100.0%	3,018			
Owner occupied						
Moved in 2005 or later	32,401	6.9%	1,182			
Moved in 2000 to 2004	56,552	12.0%	1,480			
Moved in 1990 to 1999	68,031	14.5%	1,583			
Moved in 1980 to 1989	36,964	7.9%	1,153			
Moved in 1970 to 1979	28,892	6.1%	1,015			
Moved in 1969 or earlier	29,962	6.4%	1,006			
Renter occupied						
Moved in 2005 or later	73,200	15.5%	1,904			
Moved in 2000 to 2004	65,455	13.9%	1,820			
Moved in 1990 to 1999	42,736	9.1%	1,426			
Moved in 1980 to 1989	15,960	3.4%	889			
Moved in 1970 to 1979	13,923	3.0%	760			
Moved in 1969 or earlier	6,633	1.4%	515			
Median Year Householder Moved Into Unit	N/A		N/A			
OCCUPIED HOUSING UNITS BY HOUSE HEATING FUEL						
2005-2009	ACS estimate	Percent	MOE(±)	Reliability		
Total	470,798	100.0%	3,018			
Utility gas	209,989	44.6%	2,594			
Bottled, tank, or LP gas	7,033	1.5%	536			
Electricity	45,576	9.7%	1,341			
Fuel oil, kerosene, etc.	202,529	43.0%	2,603			
Coal or coke	409	0.1%	149			
Wood	493	0.1%	131			
Solar energy	36	0.0%	33			
Other fuel	2,734	0.6%	308			
No fuel used	1,999	0.4%	302			

Source: U.S. Census Bureau, 2005-2009 American Community Survey

Reliability: high medium low

April 13, 2014



## ACS Housing Summary

120 old post rd  
120 Old Post Rd, Rye, New York, 10580, S. 13, 23 DT  
Drive Time: 23 minutes

Prepared by Robert Goman

OCCUPIED HOUSING UNITS BY VEHICLES AVAILABLE		2005-2009 ACS Estimate	Percent	MOE(±)	Reliability
Total		470,798	100.0%	3,018	
Owner occupied					
No vehicle available		22,621	4.8%	995	
1 vehicle available		85,284	18.1%	1,762	
2 vehicles available		99,472	21.1%	1,781	
3 vehicles available		33,304	7.1%	1,074	
4 vehicles available		9,081	1.9%	582	
5 or more vehicles available		3,130	0.7%	351	
Renter occupied					
No vehicle available		85,908	18.2%	1,834	
1 vehicle available		93,457	19.9%	2,075	
2 vehicles available		32,336	6.9%	1,291	
3 vehicles available		4,952	1.1%	521	
4 vehicles available		948	0.2%	232	
5 or more vehicles available		406	0.1%	123	
Average Number of Vehicles Available		N/A		N/A	

**ta Note:** N/A means not available.

**2005-2009 ACS Estimates:** The American Community Survey (ACS) replaces census sample data. Esri is releasing the 2005-2009 ACS estimates, which are based on a 1-year period data collected monthly from January 1, 2005 through December 31, 2009. Although the ACS includes many of the subjects previously covered by the decennial census sample, there are significant differences between the two surveys including fundamental differences in survey design and residency rules.

**Margin of Error (MOE):** The MOE is a measure of the variability of the estimate due to sampling error. MOEs enable the data user to measure the confidence in the estimate. The larger the MOE, the less confidence the user can have in the estimate. The MOE is calculated by Esri based on the standard error of the estimate. For example, if the ACS reports an estimate of 100 with an MOE of +/- 20, then you can be 90 percent certain a value for the whole population falls between 80 and 120.

**Reliability:** These symbols represent threshold values that Esri has established from the Coefficients of Variation (CV) to designate the usability of estimates. The CV measures the amount of sampling error relative to the size of the estimate, expressed as a percentage.

**High Reliability:** Small CVs (less than or equal to 12 percent) are flagged green to indicate that the sampling error is small relative to the estimate and the estimate is reasonably reliable.

**Medium Reliability:** Estimates with CVs between 12 and 40 are flagged yellow—use with caution.

**Low Reliability:** Large CVs (over 40 percent) are flagged red to indicate that the sampling error is large relative to the estimate. The estimate is considered very unreliable.

Data Note: N/A means not available.

**2005-2009 ACS Estimates:** The American Community Survey (ACS) replaces census sample data. Esri is releasing the 2005-2009 ACS estimates, five-year period data collected monthly from January 1, 2005 through December 31, 2009. Although the ACS includes many of the subjects previously covered by the decennial census sample, there are significant differences between the two surveys including fundamental differences in survey design and residency rules.

**Margin of error (MOE):** The MOE is a measure of the variability of the estimate due to sampling error. MOEs enable the data user to measure the range of uncertainty for each estimate with 90 percent confidence. The range of uncertainty is called the confidence interval, and it is calculated by taking the estimate +/- the MOE. For example, if the ACS reports an estimate of 100 with an MOE of +/- 20, then you can be 90 percent certain the value for the whole population falls between 80 and 120.

**Reliability:** These symbols represent threshold values that Esri has established from the Coefficients of Variation (CV) to designate the usability of the estimates. The CV measures the amount of sampling error relative to the size of the estimate, expressed as a percentage.

High Reliability: Small CVs (less than or equal to 12 percent) are flagged green to indicate that the sampling error is small relative to the estimate and the estimate is reasonably reliable.

Medium Reliability: Estimates with CVs between 12 and 40 are flagged yellow—use with caution.

Low Reliability: Large CVs (over 40 percent) are flagged red to indicate that the sampling error is large relative to the estimate. The estimate is considered very unreliable.

Source: U.S. Census Bureau, 2005-2009 American Community Survey

Reliability: high medium low

April 13, 2014

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NOVEMBER 2014



## Age 55+ Profile

120 Old Post Rd  
120 Old Post Rd, Rye, New York, 10580,  
Drive Time: 5 minutes

Prepared by Robert Goman

120 Old Post Rd  
120 Old Post Rd, Rye, New York, 10580,  
Drive Time: 5 minutes

Prepared by Robert Goman

### Demographic Summary

	Census 2010	2013	2018	2013-2018 Change	2013-2018 Annual Rate
Total Population	15,771	15,886	15,805	119	0.15%
Population 55+	3,896	4,096	4,576	480	1.55%
Median Age	40.0	40.5	41.1	0.6	0.29%
Households	5,896	5,872	5,925	53	0.18%
% Householders 55+	42.8%	45.6%	49.6%	4.0	1.70%
Owner/Renter Ratio	1.7	1.7	1.8	0.1	1.15%
Median Home Value	-	\$703,332	\$930,553	\$227,221	5.76%
Average Home Value	-	\$760,373	\$939,878	\$179,505	4.33%
Median Household Income	-	\$114,475	\$130,946	\$16,471	2.73%
Median Household Income for Householder 55+	-	\$93,165	\$117,450	\$24,284	4.74%

### Population by Age and Sex

	Census 2010		2013		2018	
	Number	% of 55+	Number	% of 55+	Number	% of 55+
<b>Male Population</b>						
Total (55+)	1,653	100.0%	1,806	100.0%	2,106	100.0%
55-59	400	24.2%	506	28.0%	617	29.3%
60-64	345	20.9%	361	20.0%	467	22.2%
65-69	266	16.1%	286	15.8%	324	15.4%
70-74	193	11.7%	214	11.8%	250	11.9%
75-79	158	9.6%	156	8.6%	180	8.5%
80-84	141	8.5%	129	7.1%	120	5.7%
85+	150	9.1%	154	8.5%	148	7.0%
<b>Female</b>						
Total (55+)	2,243	100.0%	2,290	100.0%	2,470	100.0%
55-59	449	20.0%	515	22.5%	625	25.3%
60-64	386	17.2%	407	17.8%	474	19.2%
65-69	306	13.6%	319	13.9%	369	14.9%
70-74	255	11.4%	266	11.6%	282	11.4%
75-79	209	9.3%	213	9.3%	221	8.9%
80-84	259	11.5%	200	8.7%	175	7.1%
85+	379	16.9%	370	16.2%	324	13.1%

	Census 2010		2013		2018	
	Number	% of Total Pop	Number	% of Total Pop	Number	% of Total
<b>Total Population</b>						
Total (55+)	3,898	32.4%	4,095	34.5%	4,576	37.0%
55-59	849	5.4%	1,021	6.5%	1,242	7.9%
60-64	731	4.6%	768	4.9%	941	6.0%
65-69	573	3.6%	604	3.9%	693	4.4%
70-74	449	2.8%	480	3.1%	532	3.4%
75-79	367	2.3%	369	2.4%	401	2.5%
80-84	400	2.5%	329	2.1%	295	1.9%
85+	529	3.4%	524	3.3%	472	3.0%
65+	2,318	14.7%	2,306	14.7%	2,393	15.1%
75+	1,296	8.2%	1,222	7.8%	1,168	7.4%

**Data Note** - A "+", indicates that the variable was not collected in the 2010 Census.  
**Source** - U.S. Census Bureau, Census 2010 Summary File 1. Esri forecasts for 2013 and 2018.

November 25, 2014



## Age 55+ Profile

120 Old Post Rd  
120 Old Post Rd, Rye, New York, 10580,  
Drive Time: 5 minutes

Prepared by Robert Goman

### 2013 Households by Income and Age of Householder 55+

	55-64	Percent	65-74	Percent	75+	Percent	Total	Percent
Total	1,100	100%	697	100%	879	100%	2,676	100%
<\$15,000	55	5.0%	53	7.6%	145	16.5%	253	9.5%
\$15,000-\$24,999	36	3.3%	37	5.3%	70	8.0%	143	5.3%
\$25,000-\$34,999	30	2.7%	15	2.2%	48	5.5%	93	3.5%
\$35,000-\$49,999	70	6.4%	69	9.9%	82	9.3%	221	8.3%
\$50,000-\$74,999	122	11.1%	120	17.2%	178	20.3%	420	15.7%
\$75,000-\$99,999	115	10.5%	71	10.2%	83	9.4%	269	10.1%
\$100,000-\$149,999	189	17.2%	92	13.2%	89	10.1%	370	13.8%
\$150,000-\$199,999	130	11.8%	66	9.5%	54	6.1%	250	9.3%
\$200,000+	352	32.0%	175	25.1%	129	14.7%	656	24.5%
Median HH Income	\$127,740		\$93,253		\$60,679		\$93,166	
Average HH Income	\$180,883		\$151,297		\$106,550		\$148,760	

### 2018 Households by Income and Age of Householder 55+

	55-64	Percent	65-74	Percent	75+	Percent	Total	Percent
Total	1,323	100%	780	100%	837	100%	2,940	100%
<\$15,000	49	3.7%	51	6.5%	119	14.2%	219	7.4%
\$15,000-\$24,999	26	2.0%	30	3.8%	49	5.9%	105	3.6%
\$25,000-\$34,999	28	2.1%	15	1.9%	44	5.3%	87	3.0%
\$35,000-\$49,999	63	4.8%	58	7.4%	69	8.2%	190	6.5%
\$50,000-\$74,999	94	7.1%	94	12.1%	132	15.8%	320	10.9%
\$75,000-\$99,999	148	11.2%	91	11.7%	102	12.2%	341	11.6%
\$100,000-\$149,999	249	18.8%	118	15.1%	109	13.0%	476	16.2%
\$150,000-\$199,999	189	14.3%	95	12.2%	65	7.8%	349	11.9%
\$200,000+	476	36.0%	229	29.4%	148	17.7%	853	29.0%
Median HH Income	\$150,781		\$117,555		\$76,031		\$117,450	
Average HH Income	\$227,433		\$194,414		\$137,150		\$192,973	

**Data Note**: Income is reported for July 1, 2013 and represents annual income for the preceding year, expressed in current (2013) dollars, including an adjustment for inflation. Income is reported for July 1, 2018 and represents annual income for the preceding year, expressed in current (2017) dollars, including an adjustment for inflation.  
**Source**: U.S. Census Bureau, Census 2010 Summary File 1. Esri forecasts for 2013 and 2018.

**GOMAN+YORK**  
NOVEMBER 25, 2014  
NOVEMBER 2014



## Age 55+ Profile

Prepared by Robert Goman  
120 Old Post Rd  
120 Old Post Rd, Rye, New York, 10580,  
Drive Time: 5 minutes

### 2013 Population 55+ by Race

	Number	Percent	% Pop
Total	5,422	100.0%	34.6%
White Alone	4,968	91.6%	37.6%
Black Alone	112	2.1%	30.6%
American Indian Alone	6	0.1%	17.1%
Asian Alone	203	3.7%	17.9%
Pacific Islander Alone	0	0.0%	0.0%
Some Other Race Alone	86	1.6%	14.4%
Two or More Races	47	0.9%	13.5%
Hispanic Origin (Any Race)	364	6.7%	18.7%

### Census 2010 Households and Age of Householder

	Number	Percent	% Total HHs
Total	2,525	100.0%	42.8%
Family Households	1,440	57.0%	24.4%
Householder Age 55-64	692	27.4%	11.7%
Householder Age 65-74	392	15.5%	6.6%
Householder Age 75-84	246	9.7%	4.2%
Householder Age 85+	110	4.4%	1.9%
Nonfamily Households	1,085	43.0%	18.4%
Householder Age 55-64	270	10.7%	4.6%
Householder Age 65-74	257	10.2%	4.4%
Householder Age 75-84	277	11.0%	4.7%
Householder Age 85+	281	11.1%	4.8%

### Census 2010 Occupied Housing Units by Age of Householder

	Number	Percent	% Total HHs
Total	2,526	100.0%	42.8%
Owner Occupied Housing Units	1,798	71.2%	30.5%
Householder Age 55-64	715	28.3%	12.1%
Householder Age 65-74	507	20.1%	8.6%
Householder Age 75-84	378	15.0%	6.4%
Householder Age 85+	198	7.6%	3.4%
Renter Occupied Housing Units	728	28.8%	12.3%
Householder Age 55-64	248	9.8%	4.2%
Householder Age 65-74	142	5.6%	2.4%
Householder Age 75-84	145	5.7%	2.5%
Householder Age 85+	193	7.6%	3.3%

**Data Note:** A family is defined as a householder and one or more other people living in the same household who are related to the householder by birth, marriage, or adoption. Nonfamily households consist of people living alone and households that do not contain any members who are related to the householder. The base for % Pop is specific to the row. A Non relative is not related to the householder by birth, marriage, or adoption.

**Source:** U.S. Census Bureau, Census 2010 Summary File 1. Est. forecasts for 2013 and 2018.

November 25, 2014



## Age 55+ Profile

Prepared by Robert Goman  
120 Old Post Rd  
120 Old Post Rd, Rye, New York, 10580,  
Drive Time: 13 minutes

### Demographic Summary

	Census 2010	2013	2018	2013-2018 Change	2013-2018 Annual Rate
Total Population	194,677	195,142	198,781	3,639	0.37%
Population 55+	50,632	53,226	58,623	5,397	1.36%
Median Age	39.3	39.9	40.5	0.6	0.30%
Households	72,575	72,725	74,093	1,368	0.37%
% Householders 55+	43.1%	45.2%	48.2%	3.0	1.29%
Owner/Renter Ratio	1.4	1.4	1.4	0.0	0.00%
Median Home Value	-	\$629,865	\$852,654	\$222,789	6.24%
Average Home Value	-	\$706,169	\$844,621	\$138,452	3.65%
Median Household Income	-	\$85,864	\$100,543	\$14,679	3.21%
Median Household Income for Householder 55+	-	\$75,797	\$91,667	\$15,870	3.88%

### Population by Age and Sex

	Census 2010		2013		2018	
	Number	% of 55+	Number	% of 55+	Number	% of 55+
<b>Male Population</b>						
Total (55+)	21,956	100.0%	23,442	100.0%	26,351	100.0%
55-59	5,687	25.9%	6,207	26.5%	6,789	25.8%
60-64	4,697	21.4%	5,067	21.6%	5,754	21.8%
65-69	3,472	15.8%	3,827	16.3%	4,599	17.5%
70-74	2,556	11.6%	2,789	11.9%	3,353	12.7%
75-79	2,201	10.0%	2,122	9.1%	2,348	8.9%
80-84	1,754	8.0%	1,738	7.4%	1,687	6.4%
85+	1,589	7.2%	1,692	7.2%	1,821	6.9%

	Census 2010		2013		2018	
	Number	% of 55+	Number	% of 55+	Number	% of 55+
<b>Female</b>						
Total (55+)	28,676	100.0%	29,784	100.0%	32,272	100.0%
55-59	6,249	21.8%	6,781	22.8%	7,305	22.5%
60-64	5,436	19.0%	5,744	19.3%	6,365	19.7%
65-69	4,235	14.8%	4,581	15.4%	5,300	16.4%
70-74	3,422	11.9%	3,629	12.2%	4,192	13.0%
75-79	3,031	10.6%	2,953	9.9%	3,157	9.8%
80-84	2,926	10.2%	2,616	8.8%	2,453	7.6%
85+	3,377	11.8%	3,480	11.7%	3,500	10.8%

	Census 2010		2013		2018	
	Number	% of Total	Number	% of Total Pop	Number	% of Total
<b>Total Population</b>						
Total (55+)	50,630	33.4%	53,225	34.9%	58,623	36.6%
55-59	11,935	6.1%	12,988	6.7%	14,094	7.1%
60-64	10,133	5.2%	10,810	5.5%	12,119	6.1%
65-69	7,707	4.0%	8,408	4.3%	9,899	5.0%
70-74	5,978	3.1%	6,418	3.3%	7,544	3.8%
75-79	5,232	2.7%	5,075	2.6%	5,505	2.8%
80-84	4,680	2.4%	4,354	2.2%	4,140	2.1%
85+	4,965	2.6%	5,172	2.7%	5,322	2.7%
65+	28,562	14.7%	29,427	15.1%	32,410	16.3%
75+	14,877	7.6%	14,601	7.5%	14,967	7.5%

**Data Note:** A "-" indicates that the variable was not collected in the 2010 Census.  
**Source:** U.S. Census Bureau, Census 2010 Summary File 1. Est. forecasts for 2013 and 2018.



## Age 55+ Profile

120 Old Post Rd  
120 Old Post Rd, Rye, New York, 10580,  
Drive Time: 13 minutes

Prepared by Robert Goman

2013 Households by Income and Age of Householder 55+						
	55-64	Percent	65-74	Percent	75+	Percent
Total	13,819	100%	9,202	100%	9,847	100%
<\$15,000	873	6.3%	590	6.4%	1,388	14.1%
\$15,000-\$24,999	632	4.6%	827	9.0%	1,262	12.8%
\$25,000-\$34,999	845	6.1%	749	8.1%	1,221	12.4%
\$35,000-\$49,999	1,219	8.8%	1,060	11.5%	1,151	11.7%
\$50,000-\$74,999	1,622	11.7%	1,429	15.5%	1,430	14.5%
\$75,000-\$99,999	1,426	10.3%	997	10.8%	894	9.1%
\$100,000-\$149,999	2,354	17.0%	1,288	14.0%	890	9.0%
\$150,000-\$199,999	1,441	10.4%	686	7.5%	536	5.4%
\$200,000+	3,407	24.7%	1,576	17.1%	1,074	10.9%
						6,057
						18.4%

2018 Households by Income and Age of Householder 55+						
	55-64	Percent	65-74	Percent	75+	Percent
Total	15,045	100%	10,702	100%	9,988	100%
< \$15,000	803	5.3%	596	5.6%	1,357	13.3%
\$15,000-\$24,999	487	3.2%	735	6.9%	926	9.6%
\$25,000-\$34,999	728	4.8%	740	6.9%	1,087	10.9%
\$35,000-\$49,999	1,156	7.7%	1,071	10.0%	1,069	10.7%
\$50,000-\$74,999	1,422	9.5%	1,391	13.0%	1,225	12.3%
\$75,000-\$99,999	1,754	11.7%	1,321	12.3%	1,186	11.9%
\$100,000-\$149,999	2,802	18.6%	1,713	16.0%	1,116	11.2%
\$150,000-\$199,999	1,868	12.4%	1,020	9.5%	726	7.3%
\$200,000+	4,025	26.8%	2,113	19.7%	1,295	13.0%
Median HH Income	\$116,298		\$88,863		\$59,332	
Average HH Income	\$186,897		\$152,307		\$132,651	
					\$91,667	
					\$156,066	
</						

**Data Note:** Income is reported for July 1, 2013 and represents annual income for the preceding year, expressed in current (2012) dollars, including an adjustment for inflation. Income is reported for July 1, 2018 and represents annual income for the preceding year, expressed in current (2017) dollars, including an adjustment for inflation.

**Source:** U.S. Census Bureau, Census 2010 Summary File 1. Est. forecasts for 2013 and 2018

November 25, 2014



## Age 55+ Profile

120 Old Post Rd  
120 Old Post Rd, Rye, New York, 10580,  
Drive Time: 13 minutes

Prepared by Robert Goman

2013 Population 55+ by Race				
Total	Number	Percent	% Pop	
White Alone	68,040	100.0%	34.9%	
Black Alone	56,442	83.0%	39.7%	
American Indian Alone	5,087	7.5%	34.2%	
Asian Alone	143	0.2%	18.4%	
Pacific Islander Alone	2,756	4.1%	23.3%	
Some Other Race Alone	11	0.0%	9.6%	
Two or More Races	2,635	3.9%	13.9%	
Hispanic Origin (Any Race)	966	1.4%	15.6%	
	8,972	13.2%	17.9%	
Census 2010 Households and Age of Householder				
Total	Number	Percent	% Total HHs	
Family Households	31,283	100.0%	43.1%	
Householder Age 55-64	18,101	57.9%	24.9%	
Householder Age 65-74	8,685	27.8%	12.0%	
Householder Age 75-84	5,028	16.1%	6.9%	
Householder Age 85+	3,233	10.3%	4.5%	
Nonfamily Households	1,155	3.7%	1.6%	
Householder Age 55-64	13,182	42.1%	18.2%	
Householder Age 65-74	4,112	13.1%	5.7%	
Householder Age 75-84	3,447	11.0%	4.7%	
Householder Age 85+	3,389	10.8%	4.7%	
	2,234	7.1%	3.1%	
Census 2010 Occupied Housing Units by Age of Householder				
Total	Number	Percent	% Total HHs	
Owner Occupied Housing Units	31,281	100.0%	43.1%	
Householder Age 55-64	22,169	70.9%	30.5%	
Householder Age 65-74	8,905	28.5%	12.3%	
Householder Age 75-84	6,144	19.6%	8.5%	
Householder Age 85+	4,833	15.5%	6.7%	
Renter Occupied Housing Units	2,287	7.3%	3.2%	
Householder Age 55-64	9,112	29.1%	12.6%	
Householder Age 65-74	3,892	12.4%	5.4%	
Householder Age 75-84	2,331	7.5%	3.2%	
Householder Age 85+	1,788	5.7%	2.5%	
	1,101	3.5%	1.5%	

**Data Note:** A family is defined as a householder and one or more other people living in the same household who are related to the householder by birth, marriage, or adoption. Nonfamily households consist of people living alone and households that do not contain any members who are related to the householder. The base for "% Pop" is specific to the row. A Nonrelative is not related to the householder by birth, marriage, or adoption.

**Source:** U.S. Census Bureau, Census 2010 Summary File 1. Est. forecasts for 2013 and 2018





## Age 55+ Profile

120 Old Post Rd  
120 Old Post Rd, Rye, New York, 10580,  
Drive Time: 23 minutes

Prepared by Robert Goman

### Demographic Summary

Total Population	1,280,138
Population 55+	327,938
Median Age	38.5
Households	480,532
% Householders 55+	42.0%
Owner/Renter Ratio	1.0
Median Home Value	\$479,179
Average Home Value	\$568,406
Median Household Income	\$62,950
Median Household Income for Householder 55+	\$57,134

### Population by Age and Sex

	Census 2010			2013			2018			2013-2018			2013-2018		
	Number	% of 55+	% of Total Pop	Number	% of 55+	% of Total	Number	% of 55+	% of Total	Change	Annual Rate	Percent	Change	Annual Rate	Percent
<b>Male Population</b>															
Total (55+)	139,502	100.0%	100.0%	149,114	100.0%	34.3%	167,319	100.0%	36.0%	28,025	0.43%	1.41%	37,364	1.41%	1.41%
55-59	36,286	26.0%	26.0%	39,041	26.2%	6.1%	41,761	25.0%	6.8%	37,364	0.5	0.26%	37,364	0.5	0.26%
60-64	30,956	22.2%	22.2%	33,226	22.3%	7.7%	36,691	21.9%	8.1%	37,364	0.5	0.26%	37,364	0.5	0.26%
65-69	22,612	16.2%	16.2%	25,051	16.8%	7.1%	29,744	17.8%	8.8%	37,364	0.5	0.26%	37,364	0.5	0.26%
70-74	16,645	11.9%	11.9%	18,223	12.2%	5.1%	22,419	13.4%	6.6%	37,364	0.5	0.26%	37,364	0.5	0.26%
75-79	13,563	9.7%	9.7%	13,548	9.1%	3.9%	15,592	9.3%	4.5%	37,364	0.5	0.26%	37,364	0.5	0.26%
80-84	10,459	7.5%	7.5%	10,353	6.9%	3.0%	10,516	6.3%	3.0%	37,364	0.5	0.26%	37,364	0.5	0.26%
85+	8,981	6.4%	6.4%	9,672	6.5%	2.7%	10,596	6.3%	3.1%	37,364	0.5	0.26%	37,364	0.5	0.26%
<b>Female</b>															
Total (55+)	237,453	100.0%	100.0%	197,519	100.0%	34.3%	216,678	100.0%	36.0%	28,025	0.43%	1.41%	37,364	1.41%	1.41%
55-59	42,429	17.9%	17.9%	45,084	22.8%	6.1%	47,600	22.0%	6.8%	37,364	0.5	0.26%	37,364	0.5	0.26%
60-64	37,244	15.7%	15.7%	39,843	20.2%	7.7%	43,138	19.9%	8.1%	37,364	0.5	0.26%	37,364	0.5	0.26%
65-69	28,713	12.1%	12.1%	31,469	15.9%	8.8%	37,024	17.1%	9.7%	37,364	0.5	0.26%	37,364	0.5	0.26%
70-74	22,876	9.6%	9.6%	24,534	12.4%	7.1%	29,448	13.6%	8.1%	37,364	0.5	0.26%	37,364	0.5	0.26%
75-79	19,701	8.3%	8.3%	19,599	9.9%	5.3%	22,058	10.2%	5.8%	37,364	0.5	0.26%	37,364	0.5	0.26%
80-84	17,538	7.4%	7.4%	16,415	8.3%	4.7%	16,253	7.5%	4.7%	37,364	0.5	0.26%	37,364	0.5	0.26%
85+	19,935	8.4%	8.4%	20,575	10.4%	5.8%	21,157	9.8%	5.8%	37,364	0.5	0.26%	37,364	0.5	0.26%
<b>Total Population</b>															
Total (55+)	420,226	32.8%	32.8%	346,631	34.3%	34.3%	383,998	36.0%	36.0%	28,025	0.43%	1.41%	37,364	1.41%	1.41%
55-59	78,715	6.1%	6.1%	84,125	6.5%	6.8%	89,361	6.8%	6.8%	37,364	0.5	0.26%	37,364	0.5	0.26%
60-64	68,200	5.3%	5.3%	73,069	5.7%	7.1%	79,830	6.1%	7.1%	37,364	0.5	0.26%	37,364	0.5	0.26%
65-69	51,325	4.0%	4.0%	56,519	4.4%	5.1%	66,768	5.1%	5.1%	37,364	0.5	0.26%	37,364	0.5	0.26%
70-74	39,521	3.1%	3.1%	42,756	3.3%	3.9%	51,667	3.9%	3.9%	37,364	0.5	0.26%	37,364	0.5	0.26%
75-79	33,264	2.6%	2.6%	33,147	2.6%	2.9%	37,650	2.9%	2.9%	37,364	0.5	0.26%	37,364	0.5	0.26%
80-84	27,997	2.2%	2.2%	26,768	2.1%	2.0%	26,769	2.0%	2.0%	37,364	0.5	0.26%	37,364	0.5	0.26%
85+	28,916	2.3%	2.3%	30,247	2.4%	2.4%	31,753	2.4%	2.4%	37,364	0.5	0.26%	37,364	0.5	0.26%
65+	181,023	14.1%	14.1%	189,437	14.7%	14.7%	214,807	16.3%	16.3%	28,025	0.43%	1.41%	37,364	1.41%	1.41%
75+	90,177	7.0%	7.0%	90,162	7.0%	7.0%	96,172	7.3%	7.3%	28,025	0.43%	1.41%	37,364	1.41%	1.41%

**Data Note** - A "-" indicates that the variable was not collected in the 2010 Census.  
**Source:** U.S. Census Bureau, Census 2010 Summary File 1. Esri forecasts for 2013 and 2018.

November 25, 2014



## Age 55+ Profile

120 Old Post Rd  
120 Old Post Rd, Rye, New York, 10580,  
Drive Time: 23 minutes

Prepared by Robert Goman

2013 Households by Income and Age of Householder 55+									
55-64	Percent	65-74	Percent	75+	Percent	Total	Percent	Total	Percent
92,994	100%	61,180	100%	58,445	100%	212,619	100%	212,619	100%
9,714	10.4%	6,005	9.8%	10,193	17.4%	25,912	12.2%	25,912	12.2%
5,645	6.1%	5,753	9.4%	8,852	15.1%	20,250	9.5%	20,250	9.5%
7,041	7.6%	6,587	10.8%	7,022	12.0%	20,650	9.7%	20,650	9.7%
10,995	11.8%	9,074	14.8%	7,379	12.6%	27,448	12.9%	27,448	12.9%
13,840	14.9%	10,145	16.6%	8,972	15.4%	32,957	15.5%	32,957	15.5%
10,321	11.1%	6,398	10.5%	5,348	9.2%	22,067	10.4%	22,067	10.4%
14,875	16.0%	7,793	12.7%	4,959	8.5%	27,627	13.0%	27,627	13.0%
7,560	8.1%	3,639	5.9%	2,277	3.9%	13,476	6.3%	13,476	6.3%
13,001	14.0%	5,786	9.5%	3,443	5.9%	22,230	10.5%	22,230	10.5%
Median HH Income		\$55,920		\$40,316		\$57,134		\$57,134	
Average HH Income		\$92,666		\$69,820		\$95,701		\$95,701	

2018 Households by Income and Age of Householder 55+									
55-64	Percent	65-74	Percent	75+	Percent	Total	Percent	Total	Percent
98,857	100%	72,140	100%	61,816	100%	232,813	100%	232,813	100%
9,401	9.5%	6,661	9.2%	10,606	17.2%	26,668	11.5%	26,668	11.5%
4,433	4.5%	5,387	7.5%	7,150	11.6%	16,970	7.3%	16,970	7.3%
6,462	6.5%	7,147	9.9%	6,854	11.1%	20,463	8.8%	20,463	8.8%
10,593	10.7%	9,737	13.5%	7,376	11.9%	27,706	11.9%	27,706	11.9%
11,988	12.1%	9,975	13.8%	8,117	13.1%	30,080	12.9%	30,080	12.9%
12,941	13.1%	8,947	12.4%	7,431	12.0%	29,319	12.6%	29,319	12.6%
18,062	18.3%	10,869	15.1%	6,688	10.8%	35,619	15.3%	35,619	15.3%
9,808	9.9%	5,522	7.7%	3,258	5.3%	18,598	8.0%	18,598	8.0%
15,170	15.3%	7,895	10.9%	4,325	7.0%	27,390	11.8%	27,390	11.8%
Median HH Income		\$66,085		\$47,214		\$69,130		\$69,130	
Average HH Income		\$111,712		\$84,884		\$114,987		\$114,987	

**Data Note:** Income is reported for July 1, 2013 and represents annual income for the preceding year, expressed in current (2012) dollars, including an adjustment for inflation. Income is reported for July 1, 2018 and represents annual income for the preceding year, expressed in current (2017) dollars, including an adjustment for inflation.  
**Source:** U.S. Census Bureau, Census 2010 Summary File 1. Esri forecasts for 2013 and 2018.

**GOMAN + YORK**  
NOVEMBER 2014





## Age 55+ Profile

120 Old Post Rd  
120 Old Post Rd, Rye, New York, 10580,  
Drive Time: 23 minutes

Prepared by Robert Goman

### 2013 Population 55+ by Race

	Number	Percent	% Pop
Total	441,145	100.0%	34.3%
White Alone	285,754	64.8%	40.6%
Black Alone	100,257	22.7%	32.2%
American Indian Alone	1,384	0.3%	19.8%
Asian Alone	21,128	4.8%	25.9%
Pacific Islander Alone	142	0.0%	20.6%
Some Other Race Alone	23,183	5.3%	17.1%
Two or More Races	9,297	2.1%	20.1%
Hispanic Origin (Any Race)	74,484	16.9%	21.5%

### Census 2010 Households and Age of Householder

	Number	Percent	% Total HHs
Total	201,619	100.0%	42.0%
Family Households	114,945	57.0%	23.9%
Householder Age 55-64	56,958	28.3%	11.9%
Householder Age 65-74	32,378	16.1%	6.7%
Householder Age 75-84	19,283	9.6%	4.0%
Householder Age 85+	6,326	3.1%	1.3%
Nonfamily Households	86,674	43.0%	18.0%
Householder Age 55-64	30,146	15.0%	6.3%
Householder Age 65-74	23,734	11.8%	4.9%
Householder Age 75-84	20,543	10.2%	4.3%
Householder Age 85+	12,251	6.1%	2.5%

### Census 2010 Occupied Housing Units by Age of Householder

	Number	Percent	% Total HHs
Total	201,619	100.0%	42.0%
Owner Occupied Housing Units	123,716	61.4%	25.7%
Householder Age 55-64	52,066	25.8%	10.8%
Householder Age 65-74	35,049	17.4%	7.3%
Householder Age 75-84	25,716	12.5%	5.4%
Householder Age 85+	10,885	5.4%	2.3%
Renter Occupied Housing Units	77,903	38.6%	16.2%
Householder Age 55-64	35,037	17.4%	7.3%
Householder Age 65-74	21,063	10.4%	4.4%
Householder Age 75-84	14,111	7.0%	2.9%
Householder Age 85+	7,692	3.8%	1.6%

**Data Note:** A family is defined as a householder and one or more other people living in the same household who are related to the householder by birth, marriage, or adoption. Nonfamily households consist of people living alone and households that do not contain any members who are related to the householder. The base for % Pop is specific to the row. A Nonrelative is not related to the householder by birth, marriage, or adoption.

Source: U.S. Census Bureau, Census 2010 Summary File 1. Est. forecasts for 2013 and 2016.

November 25, 2014



## Housing Profile

120 old post rd  
120 Old Post Rd, Rye, New York, 10580, 5, 13, 23 DT  
Drive Time: 5 minutes

Prepared by Robert Goman

Population	
2010 Total Population	15,771
2013 Total Population	15,686
2018 Total Population	15,605
2013-2018 Annual Rate	0.15%

Households	
2013 Median Household Income	\$114,475
2018 Median Household Income	\$130,946
2013-2018 Annual Rate	2.75%

Housing Units by Occupancy Status and Tenure	
Total Housing Units	
Occupied	
Owner	
Renter	
Vacant	

### Owner Occupied Housing Units by Value

	2010	2013	2018
Total	3,675	3,675	3,840
<\$50,000	4	0	0
\$50,000-\$99,999	30	0.1%	0.0%
\$100,000-\$149,999	57	1.6%	0.8%
\$150,000-\$199,999	74	2.0%	1.9%
\$200,000-\$249,999	84	2.3%	2.1%
\$250,000-\$299,999	133	3.6%	3.4%
\$300,000-\$399,999	368	10.0%	9.6%
\$400,000-\$499,999	395	10.7%	10.1%
\$500,000-\$749,999	852	23.2%	22.1%
\$750,000-\$999,999	589	16.0%	15.1%
\$1,000,000+	1,090	29.7%	28.5%

Median Value  
Average Value

\$703,332  
\$760,373

\$930,553  
\$939,678

Sources: U.S. Census Bureau, Census 2010 Summary File 1, ERI forecasts for 2013 and 2018

April 13, 2014



## Housing Profile

120 old post rd  
120 Old Post Rd, Rye, New York, 10580, 5, 13, 23 DT  
Drive Time: 5 minutes

Prepared by Robert Goman

Census 2010 Owner Occupied Housing Units by Mortgage Status	
Total	3,726
Owned with a Mortgage/Loan	2,480
Owned Free and Clear	1,246

### Census 2010 Vacant Housing Units by Status

	Number	Percent
Total	516	100.0%
For Rent	155	30.0%
Rented - Not Occupied	8	1.6%
For Sale Only	53	10.3%
Sold - Not Occupied	37	7.2%
Seasonal/Recreational/Occasional Use	57	11.0%
For Migrant Workers	0	0.0%
Other Vacant	134	26.0%

### Census 2010 Occupied Housing Units by Age of Householder and Home Ownership

	Number	Percent	Owner Occupied Units	Number	Percent
Total	5,898	100.0%	Occupied Units	5,898	100.0%
15-24	76	1.3%	Owner Occupied Units	3,726	63.2%
25-34	560	9.5%	Number	3,151	53.4%
35-44	1,441	24.4%	Percent	3,151	53.4%
45-54	1,495	25.4%	Black/African American	11	0.2%
55-64	963	16.3%	American Indian/Alaska	3	0.1%
65-74	649	11.0%	Asian Alone	113	1.9%
75-84	523	8.9%	Pacific Islander Alone	1	0.0%
85+	391	6.6%	Other Race Alone	31	0.5%
			Two or More Races	29	0.5%
			Hispanic Origin	160	2.7%

### Census 2010 Occupied Housing Units by Race/Ethnicity of Householder and Home Ownership

	Number	Percent	Owner Occupied Units	Number	Percent
Total	5,898	100.0%	Occupied Units	5,898	100.0%
White Alone	5,203	88.2%	Owner Occupied Units	3,726	63.2%
Black/African American	11	0.2%	Number	3,151	53.4%
American Indian/Alaska	3	0.1%	Percent	3,151	53.4%
Asian Alone	113	1.9%	Black/African American	11	0.2%
Pacific Islander Alone	1	0.0%	American Indian/Alaska	3	0.1%
Other Race Alone	31	0.5%	Asian Alone	113	1.9%
Two or More Races	29	0.5%	Pacific Islander Alone	1	0.0%
Hispanic Origin	160	2.7%	Other Race Alone	31	0.5%
			Two or More Races	29	0.5%
			Hispanic Origin	160	2.7%

### Census 2010 Occupied Housing Units by Size and Home Ownership

	Number	Percent	Owner Occupied Units	Number	Percent
Total	5,898	100.0%	Occupied Units	5,898	100.0%
1-Person	1,595	27.0%	Owner Occupied Units	3,726	63.2%
2-Person	1,529	25.9%	Number	3,151	53.4%
3-Person	904	15.3%	Percent	3,151	53.4%
4-Person	1,087	18.4%	Black/African American	11	0.2%
5-Person	554	9.4%	American Indian/Alaska	3	0.1%
6-Person	165	2.8%	Asian Alone	113	1.9%
7+ Person	63	1.1%	Pacific Islander Alone	1	0.0%
			Other Race Alone	31	0.5%
			Two or More Races	29	0.5%
			Hispanic Origin	160	2.7%

Date Note: Persons of Hispanic Origin may be of any race  
Source: U.S. Census Bureau, Census 2010 Summary File 1

April 13, 2014

**GOMAN+YORK**  
NOVEMBER 2014



## Housing Profile

120 old post rd  
120 Old Post Rd, Rye, New York, 10580, S. 13, 23 DT  
Drive Time: 13 minutes

Prepared by Robert Goman

Population		Households	
2010 Total Population	194,677	2013 Median Household Income	\$85,664
2013 Total Population	195,142	2018 Median Household Income	\$100,543
2018 Total Population	198,781	2013-2018 Annual Rate	3.21%
2013-2018 Annual Rate	0.37%		

Census 2010		2013		2018	
Number	Percent	Number	Percent	Number	Percent
78,349	100.0%	78,660	100.0%	79,864	100.0%
72,574	92.6%	72,726	92.5%	74,093	92.8%
42,649	54.4%	41,999	53.4%	43,813	54.9%
29,925	38.2%	30,727	39.1%	30,280	37.9%
5,774	7.4%	5,935	7.5%	5,771	7.2%

Housing Units by Occupancy Status and Tenure		Census 2010		2013		2018	
Number	Percent	Number	Percent	Number	Percent	Number	Percent
Total Housing Units		78,349	100.0%	78,660	100.0%	79,864	100.0%
Owner Occupied		42,649	54.4%	41,999	53.4%	43,813	54.9%
Renter		29,925	38.2%	30,727	39.1%	30,280	37.9%
Vacant		5,774	7.4%	5,935	7.5%	5,771	7.2%

Owner Occupied Housing Units by Value		2013		2018	
Number	Percent	Number	Percent	Number	Percent
Total		41,997	100.0%	43,813	100.0%
<\$50,000		100	0.2%	10	0.0%
\$50,000-\$99,999		496	1.2%	54	0.1%
\$100,000-\$149,999		774	1.8%	133	0.3%
\$150,000-\$199,999		1,274	3.0%	578	1.2%
\$200,000-\$249,999		1,487	3.5%	1,044	2.4%
\$250,000-\$299,999		1,950	4.6%	1,350	3.1%
\$300,000-\$399,999		4,471	10.6%	2,058	4.7%
\$400,000-\$499,999		5,174	12.3%	3,673	8.4%
\$500,000-\$749,999		10,148	24.2%	7,400	16.9%
\$750,000-\$999,999		5,231	12.5%	13,774	31.4%
\$1,000,000+		10,892	25.9%	13,789	31.5%

Median Value	\$629,865
Average Value	\$706,169

Source: U.S. Census Bureau, Census 2010 Summary File 1. Est. forecasts for 2013 and 2018

April 13, 2014



## Housing Profile

120 old post rd  
120 Old Post Rd, Rye, New York, 10580, S. 13, 23 DT  
Drive Time: 13 minutes

Prepared by Robert Goman

Census 2010 Owner Occupied Housing Units by Mortgage Status		Number		Percent	
Total		42,649		100.0%	
Owned with a Mortgage/Loan		28,737		67.4%	
Owned Free and Clear		13,912		32.6%	

Census 2010 Vacant Housing Units by Status		Number		Percent	
Total		5,774		100.0%	
For Rent		1,966		34.0%	
Renters - Not Occupied		126		2.2%	
For Sale Only		1,051		18.2%	
Sold - Not Occupied		229		4.0%	
Seasonal/Recreational/Occasional Use		845		14.6%	
For Migrant Workers		1		0.0%	
Other Vacant		1,563		27.1%	

Census 2010 Occupied Housing Units by Age of Householder and Home Ownership		Owner Occupied Units		Occupied Units	
Number	% of Occupied	Number	% of Occupied	Number	% of Occupied
42,650	58.8%	42,650	58.8%	72,576	92.5%
15-24		142	10.9%	1,301	1.8%
25-34		2,803	30.0%	9,357	12.8%
35-44		7,328	50.9%	14,386	19.8%
45-54		10,208	62.8%	16,250	22.5%
55-64		8,905	69.6%	12,797	17.6%
65-74		6,144	72.5%	8,475	11.7%
75-84		4,833	73.0%	6,621	9.1%
85+		2,297	67.5%	3,388	4.7%

Census 2010 Occupied Housing Units by Race/Ethnicity of Householder and Home Ownership		Owner Occupied Units		Occupied Units	
Number	% of Occupied	Number	% of Occupied	Number	% of Occupied
42,650	58.8%	42,650	58.8%	72,576	92.5%
White Alone		37,915	66.2%	57,364	79.0%
Black/African American		1,748	30.6%	5,705	7.9%
American Indian/Alaska		191	4.3%	191	0.3%
Asian Alone		1,696	47.2%	3,590	5.0%
Pacific Islander Alone		4	13.8%	29	0.0%
Other Race Alone		796	18.4%	4,317	6.0%
Two or More Races		450	30.4%	1,480	2.1%
Hispanic Origin		3,167	26.0%	12,195	16.8%

Census 2010 Occupied Housing Units by Size and Home Ownership		Owner Occupied Units		Occupied Units	
Number	% of Occupied	Number	% of Occupied	Number	% of Occupied
42,650	58.8%	42,650	58.8%	72,576	92.5%
1-Person		10,607	50.9%	20,823	28.8%
2-Person		13,321	64.3%	20,707	28.6%
3-Person		6,733	59.6%	11,301	15.6%
4-Person		6,912	63.3%	10,526	14.5%
5-Person		3,447	63.8%	5,402	7.4%
6-Person		1,069	55.7%	1,991	2.8%
7+ Person		561	39.3%	1,426	2.0%

Data Notes: Percentages of Hispanic Origin may be of any race.  
Source: U.S. Census Bureau, Census 2010 Summary File 1.

April 13, 2014



## Housing Profile

120 old post rd  
120 Old Post Rd, Rye, New York, 10580, S. 13, 23 DT  
Drive Time: 23 minutes

Prepared by Robert Goman

Population		Households					
2010 Total Population	1,280,138	2013 Median Household Income	\$62,950				
2013 Total Population	1,285,824	2018 Median Household Income	\$75,657				
2018 Total Population	1,313,850	2013-2018 Annual Rate	4.02%				
2013-2018 Annual Rate	0.43%						
Housing Units by Occupancy Status and Tenure		Census 2010		2013		2018	
Total Housing Units		Number	Percent	Number	Percent	Number	Percent
Occupied		511,672	100.0%	515,655	100.0%	526,582	100.0%
Owner		480,532	93.9%	482,959	93.7%	493,814	93.8%
Renter		242,638	47.4%	240,160	46.6%	252,421	47.9%
Vacant		237,894	46.5%	242,799	47.1%	241,353	45.8%
		31,140	6.1%	32,696	6.3%	32,749	6.2%
Owner-Occupied Housing Units by Value		2013		2018			
Total		Number	Percent	Number	Percent		
<\$50,000		240,051	100.0%	252,298	100.0%		
\$50,000-\$99,999		1,410	0.6%	190	0.1%		
\$100,000-\$149,999		6,567	2.7%	1,342	0.5%		
\$150,000-\$199,999		6,306	2.6%	1,840	0.7%		
\$200,000-\$249,999		8,407	3.5%	7,879	3.1%		
\$250,000-\$299,999		10,573	4.4%	9,863	3.9%		
\$300,000-\$399,999		14,379	6.0%	11,576	4.6%		
\$400,000-\$499,999		39,260	16.4%	23,583	9.3%		
\$500,000-\$749,999		41,834	17.4%	33,603	13.3%		
\$750,000-\$999,999		59,270	24.7%	60,250	23.9%		
\$1,000,000+		19,574	8.2%	60,481	24.0%		
Median Value		32,471	13.5%	41,691	16.5%		
Average Value		\$479,179		\$650,510			
		\$588,405		\$886,423			

Sources: U.S. Census Bureau, Census 2010 Summary File 1, ERI forecasts for 2013 and 2018

April 13, 2014



## Housing Profile

120 old post rd  
120 Old Post Rd, Rye, New York, 10580, S. 13, 23 DT  
Drive Time: 23 minutes

Prepared by Robert Goman

Census 2010 Owner Occupied Housing Units by Mortgage Status		Number		Percent	
Total		242,638		100.0%	
Owned with a Mortgage/Loan		167,449		69.0%	
Owned Free and Clear		75,189		31.0%	
Census 2010 Vacant Housing Units by Status		Number		Percent	
Total		31,140		100.0%	
For Rent		12,413		39.9%	
Renter- Not Occupied		797		2.6%	
For Sale Only		4,528		14.5%	
Sold - Not Occupied		1,086		3.5%	
Seasonal/Recreational/Occasional Use		3,301		10.6%	
For Migrant Workers		5		0.0%	
Other Vacant		9,029		29.0%	
Census 2010 Occupied Housing Units by Age of Householder and Home Ownership		Owner Occupied Units		Occupied Units	
Total		242,637		480,531	
15-24		1,293		10,797	
25-34		17,073		66,173	
35-44		42,446		154,295	
45-54		59,107		207,607	
55-64		82,066		294,866	
65-74		85,416		311,103	
75-84		35,716		127,512	
85+		10,885		39,837	
Census 2010 Occupied Housing Units by Race/Ethnicity of Householder and Home Ownership		Owner Occupied Units		Occupied Units	
Total		242,638		480,532	
White Alone		177,262		285,600	
Black/African American		39,851		117,481	
American Indian/Alaska		525		2,072	
Asian Alone		12,223		24,091	
Pacific Islander Alone		50		203	
Other Races Alone		8,550		36,470	
Two or More Races		4,177		12,615	
Hispanic Origin		27,189		101,165	
Census 2010 Occupied Housing Units by Size and Home Ownership		Owner Occupied Units		Occupied Units	
Total		242,638		480,531	
1-Person		58,207		140,255	
2-Person		73,259		134,804	
3-Person		40,738		79,960	
4-Person		39,343		68,520	
5-Person		19,454		34,130	
6-Person		6,959		13,165	
7+ Person		4,638		9,697	

Data Note: Persons of Hispanic Origin may be of any race.  
Source: U.S. Census Bureau, Census 2010 Summary File 1.

April 13, 2014

**GOMAN+YORK**  
NOVEMBER 2014

## Lifestyle Report

120 old post rd  
120 Old Post Rd, Rye, New York, 10580, 5, 13, 23 DT  
Drive Time: 23 minutes

### Top 10 Tapestry Segments



### Top 10 Tapestry Segments:

## 20. City Lights

The City Lights segment is composed of diverse neighborhoods situated primarily in the Northeast. This dense urban market is a mixture of housing, household types, and cultures that all share the same city space. Households include families and singles, similar to the U.S. distribution by household type. With a median age of 38.5 years, the population is slightly older than that of the U.S. population. There are fewer children and slightly more people aged 75 or older. The ethnic or racial diversity is slightly higher than the U.S. level, with higher ratios of Asian, Hispanic, and multiracial populations. City Lights residents earn a good living working in white collar and service occupations. For additional information on this lifestyle, click here:

#### 45. City Strivers

Residents of this young, relatively diverse urban market have a median age of 33.8 years and a 68 percent male of family pipes, such as married couples, divorcees, never-marrieds, and single parents. The median household income is \$36,621. Some households receive Supplemental Security Income or public assistance. Education attainment levels are below those of the U.S.: approximately 44 percent of residents aged 25 years and older have attended college. Approximately half of employed residents work in the service and health care industry sectors in the city. Twenty-two percent of the residents who are employed are government workers, employed primarily by the local government. For additional information on this lifestyle, click here:

## 01. Top Runa

Residents of U.S. urban neighborhoods are more, rather than less, educated and wealthy. The median age is 45.0 years; one-third of the residents are in their peak earning years of 45-64. More than 77 percent of these households are composed of married couples; half of them have children. Except for the presence of children, this is a low-diversity, monoethnic market. Top Rung, the wealthiest consumer market, represents less than 1 percent of all U.S. households. The median household income of \$173,172 is more than three and one-half times that of the U.S. median. For additional information on this lifestyle, click here: [http://www.esri.com/arcmedia/pdfs/data/esri\\_data/pdfs/popstry-socio01\\_top\\_rung.pdf](http://www.esri.com/arcmedia/pdfs/data/esri_data/pdfs/popstry-socio01_top_rung.pdf)

## 61. High Rise Renters

High Hispanic residents are a diverse mix of race and ethnicity. More than half of the residents are Hispanic, mainly from Puerto Rico or the Dominican Republic. Forty percent of the residents are black, 21 percent are white, and 7 percent are of two or more races. A higher-than-average proportion (28 percent) of other races is also represented. Many residents speak a language other than English. Household types are mainly single person and single parent; however, a higher-than-average proportion of other family households is also present. Their median age of 31.9 years is younger than the U.S. median. For additional information on this illustrative, click here: [http://www.cesr.com/~media/Flis/Pop/data/esr/1\\_data/pdf/tapestry\\_singles\\_11\\_high\\_isec\\_renters.pdf](http://www.cesr.com/~media/Flis/Pop/data/esr/1_data/pdf/tapestry_singles_11_high_isec_renters.pdf)

**Data Note:** This report identifies neighborhood segments in the area, and describes the socioeconomic quality of the immediate neighborhood. The index is a comparison of the percent of households or population in the area, by "age, sex, race, and income" segment, to the percent of households or population in the United States, by segment. An index of 100 is the US average.



## Lifestyle Report

120 old post rd  
120 Old Post Rd, Rye, New York, 10580, 5, 13, 23 DT  
Drive Time: 23 minutes

### 35. International Marketplace

located primarily in cities in "gateway" states on both U.S. coasts, international Maeketa neighborhoods are developing urban markets with a rich blend of cultures and household types. The population is young, with a median age of only 32 years. Approximately 70 percent of the households are females; 44 percent are married couples with children and single parents. The average family size is 3.7. International Maeketa is the second most diverse of the "gateway" states, with a Hispanic/Latino population of 11.5 percent (U.S. Census, 2000). The population is 47 percent of two or more races. A high proportion of immigrants, including recent arrivals, live in these neighborhoods. For additional information on this lifestyle, click here: <http://www.esri.com/~media/files/hdfs/geolayer/data/maeketa/taesity-singles/35 International%20Maeketa.pdf>

## 09. Urban Chic

Urban Chic residents are professionals who live a sophisticated, exclusive lifestyle. More than half of these households are married-couple families, similar to the U.S. population. Fewer than half are single-headed households. Unlike the United States, there is a smaller proportion of single parents and a higher proportion of singles and shared households. The median age is 43 years; the diversity index is .48. A median household income of \$39,298 makes residents of Urban Chic neighborhoods to live in style. They are well educated, more than half of residents aged 25 years and older hold a bachelor's or graduate degree; 80 percent have attended college. For additional information on this lifestyle, click here: <http://www.sei.com/~/media/Files/Pdfs/Individuals/Individuals/Pdfs/Tapstry-singles/09/Urban%20Chic.pdf>

### 03. Conclusions

Residents of Connorsville neighborhoods are somewhat older, with a median age of 47.2 years. Approximately 70 percent of the population is married. Although residents appear closer to retirement than child-rearing age, 30 percent of the households are married couples with children living at home. Ethnic diversity is negligible. Connorsvilles are second in affluence only to the Top Lungers segment. This market is well educated; 63 percent of the population aged 25 years and older hold a bachelor's or graduate degree. Employed residents earn wages from high paying management, professional, and sales jobs. Many are self-employed; the rate is twice that of the national average. For additional information on this lifestyle, click here: [http://www.esri.com/vi/nuclea/Files/2016/4/04/esri\\_data/2015/capcity-singles/03\\_connorsville.spdf](http://www.esri.com/vi/nuclea/Files/2016/4/04/esri_data/2015/capcity-singles/03_connorsville.spdf)

#### 44. Urban Melting Pot

Recently settled immigrants live in ethnically (and) urban melting pot neighborhoods. More than half of the population is foreign born; half of them have come to the U.S. in the last 10 years. The median age is 36.4 years, slightly younger than the U.S. median of 37.3. Ethnicity diverse, more than one in four are Hispanic. Whites represent 47 percent of the population; Asians, 30 percent; and 5 percent are multiracial. Household types are equally diverse. 45 percent are married couple families; 30 percent are singles who live alone; single parents, other family types, and shared households also live in these neighborhood/hubs. For additional information on this lifestyle, click here: [http://www.oxi.com/~media/files/pdf/data/files\\_44/data/files\\_44/capcity-singles/44\\_urban\\_melting\\_pot.pdf](http://www.oxi.com/~media/files/pdf/data/files_44/data/files_44/capcity-singles/44_urban_melting_pot.pdf)

## 05: Wealthy Seaboard Suburbs

Woolley Savoyard Suburb, are older, established, affluent neighborhoods characteristic of U.S. coastal metropolitan areas. Two-thirds of the population aged 15+ years is married; more than half of the married couples have no children. The median age is 43.2 years. Ethnic diversity is low; most residents are white. Woolley Savoyard Suburbs neighborhood is affluent; the median household income is \$99,852. Income is derived from a variety of sources; approximately 60 percent of the households receive supplemental income from interest, dividends, and rental properties; 23 percent collect retirement income. More than half of those who work hold professional or management positions. For additional information on this lifestyle, click here:

### 30. Retirement Communities

Most of the households in Retirement Communities neighborhoods are single seniors who live alone; a fourth is married couples with no children living at home. This older market has a median age of 50.9 years. One-third of the residents and 44 percent of households are aged 65 years or older. Twenty-three percent of the population and 31 percent of households are aged 75 years or older. Most of the residents are white. The median household income for Retirement Communities is \$48,313, slightly below the U.S. median. Nearly half of the households earn income from interests, dividends, and rental properties; 45 percent receive Social Security benefits, and 25 percent receive retirement income. For additional information on this lifestyle, click here: [http://www.aml.com/vf/medialFiles/Pdfmg/qsqr/qqr\\_0404/2016/2016single/30\\_retirement\\_communities.pdf](http://www.aml.com/vf/medialFiles/Pdfmg/qsqr/qqr_0404/2016/2016single/30_retirement_communities.pdf)

**Data Note:** This report identifies neighborhood segments in the area, and describes the socioeconomic quality of the immediate neighborhood. The index is a comparison of the percent of households or population in the area, by "agestry segment, to the percent of households or population in the United States, by segment. An index of 100 is the US average.



## Lifestyle Report

120 old post rd  
120 Old Post Rd, Rye, New York, 10580, 5, 13, 23 DT  
Drive Time: 13 minutes

Prepared by Robert Goman

### Top 10 Tapestry Segments



### Top 10 Tapestry Segments:

01. Top Rung  
Residents of Top Rung neighborhoods are mature, married, highly educated, and wealthy. The median age is 45.0 years; one-third of the residents are in their peak earning years of 45-64. More than 77 percent of these households are composed of married couples; half of them have children. Except for the presence of children, this is a low-diversity, monochromatic market. Top Rung, the wealthiest consumer market, represents less than 1 percent of all U.S. households. The median household income is \$173,172 is more than three-and-one-half times that of the U.S. median. For additional information on this lifestyle, click here:  
[http://www.esri.com/~media/Files/Pdfs/data/esri\\_data/pdfs/tapestry-singles/01\\_top\\_rung.pdf](http://www.esri.com/~media/Files/Pdfs/data/esri_data/pdfs/tapestry-singles/01_top_rung.pdf)

09. Urban Chic  
Urban Chic residents are professionals who live a sophisticated, exclusive lifestyle. More than half of these households are married-couple families, similar to the U.S. proportion. Fewer than half of them have children. Unlike the United States, there is a smaller proportion of single parents and a higher proportion of singles and shared households. The median age is 43 years; the diversity index is 48. A median household income of \$91,298 enables residents of Urban Chic neighborhoods to live in style. They are well educated; more than half of residents aged 25 years and older hold a bachelor's or graduate degree; 80 percent have attended college. For additional information on this lifestyle, click here:  
[http://www.esri.com/~media/Files/Pdfs/data/esri\\_data/pdfs/tapestry-singles/09\\_urban\\_chic.pdf](http://www.esri.com/~media/Files/Pdfs/data/esri_data/pdfs/tapestry-singles/09_urban_chic.pdf)

20. City Lights  
The City Lights segment is composed of diverse neighborhoods situated primarily in the Northeast. This diverse urban market is a mixture of housing, including high-rise apartments, townhouses, and single-family homes. The median age is 36.5 years; the population is slightly older than that of the U.S. Compared to the U.S. population, there are fewer children and slightly more people aged 75 or older. The ethnic or racial diversity is slightly higher than the U.S. level, with higher ratios of Asian, Hispanic, and multi-racial populations. City Lights residents earn a good living working in white collar and service occupations. For additional information on this lifestyle, click here:  
[http://www.esri.com/~media/Files/Pdfs/data/esri\\_data/pdfs/tapestry-singles/20\\_city\\_lights.pdf](http://www.esri.com/~media/Files/Pdfs/data/esri_data/pdfs/tapestry-singles/20_city_lights.pdf)

03. Connorsseurs  
Residents of Connorsseurs neighborhoods are somewhat older, with a median age of 47.7 years. Approximately 70 percent of the population is married. Although residents appear closer to retirement than child rearing age, 30 percent of the households are married couples with children living at home. Ethnic diversity is high; Connorsseurs are second in affluence only to the Top Rung segment. This market is well educated; 63 percent of residents aged 25 years and older have a bachelor's or graduate degree. Many are self-employed; the rate is twice that of the national average. For additional information on this lifestyle, click here:  
[http://www.esri.com/~media/Files/Pdfs/data/esri\\_data/pdfs/tapestry-singles/03\\_connorsseurs.pdf](http://www.esri.com/~media/Files/Pdfs/data/esri_data/pdfs/tapestry-singles/03_connorsseurs.pdf)

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Source: Esri

April 13, 2014

## Lifestyle Report

120 old post rd  
120 Old Post Rd, Rye, New York, 10580, 5, 13, 23 DT  
Drive Time: 13 minutes

Prepared by Robert Goman

### 35. International Marketplace

Located primarily in cities in "gateway" states on both U.S. coasts, International Marketplace neighborhoods are developing urban markets with a rich blend of cultures and household types. The population is young, diverse, and mobile. More than half the households are singles who live alone or in shared housing. Forty-four percent are married couples with children and single parents. The average family size is 3.7. International Marketplace is the second most diverse of the Tapestry segments. More than half of the total population is Hispanic; 11.5 percent is Asian, and 7 percent is of two or more races. A high proportion of immigrants, including recent arrivals, live in these neighborhoods. For additional information on this lifestyle, click here:  
[http://www.esri.com/~media/Files/Pdfs/data/esri\\_data/pdfs/tapestry-singles/35\\_international\\_marketplace.pdf](http://www.esri.com/~media/Files/Pdfs/data/esri_data/pdfs/tapestry-singles/35_international_marketplace.pdf)

### 23. Trendsetters

On the cutting edge of urban style, Trendsetters residents are young, diverse, and mobile. More than half the households are singles who live alone or share the rent with a roommate. Families comprise the remainder. With a median age of 34.8 years, this segment is slightly younger than the U.S. median. The population is young, diverse, and mobile. More than half the households are singles who live alone or in shared housing. Forty-four percent are married couples with children and single parents. The average family size is 3.7. International Marketplace is the second most diverse of the Tapestry segments. More than half of the total population is Hispanic; 11.5 percent is Asian, and 7 percent is of two or more races. A high proportion of immigrants, including recent arrivals, live in these neighborhoods. For additional information on this lifestyle, click here:  
[http://www.esri.com/~media/Files/Pdfs/data/esri\\_data/pdfs/tapestry-singles/23\\_trendsetters.pdf](http://www.esri.com/~media/Files/Pdfs/data/esri_data/pdfs/tapestry-singles/23_trendsetters.pdf)

### 05. Wealthy Seaboard Suburbs

Wealthy Seaboard Suburbs are older, established, affluent neighborhoods characteristic of U.S. coastal metropolitan areas. Two-thirds of the population aged 15+ years is married; more than half of the married couples have no children. The median age is 43.2 years. Ethnic diversity is low; most residents are white. Wealthy Seaboard Suburbs neighborhoods are affluent; the median household income is \$98,852. Income is derived from a variety of sources; approximately 40 percent of the households receive supplemental income from interest, dividends, and rental properties. 23 percent of residents receive supplemental income. More than half of those who work hold professional or management positions. For additional information on this lifestyle, click here:  
[http://www.esri.com/~media/Files/Pdfs/data/esri\\_data/pdfs/tapestry-singles/05\\_wealthy\\_seaboard\\_suburbs.pdf](http://www.esri.com/~media/Files/Pdfs/data/esri_data/pdfs/tapestry-singles/05_wealthy_seaboard_suburbs.pdf)

### 44. Urban Melting Pot

Recently settled immigrants live in ethnically rich Urban Melting Pot neighborhoods. More than half of the population is foreign born; half of these have come to the U.S. in the last 10 years. The median age is 36.4 years, slightly younger than the U.S. median of 37.3. Distinctly diverse, more than one in four are Hispanic. Whites represent 47 percent of the population; Asians, 30 percent; and 6 percent are multiracial. Household types are equally diverse: 45 percent are married couple families; 30 percent are singles who live alone; single parents, other family types, and shared households also live in these neighborhoods. For additional information on this lifestyle, click here:  
[http://www.esri.com/~media/Files/Pdfs/data/esri\\_data/pdfs/tapestry-singles/44\\_urban\\_melting\\_pot.pdf](http://www.esri.com/~media/Files/Pdfs/data/esri_data/pdfs/tapestry-singles/44_urban_melting_pot.pdf)

### 22. Metropolitans

Residents of Metropolitans communities prefer to live in older city neighborhoods. Approximately half of these households are singles who live alone or with others; 40 percent are married-couple families. One in four of the residents is aged 20-34 years; the median age is 37.1 years. Diversity is low; most of the population is white. Half of the residents who are employed work in professional or managerial positions. More than 77 percent of the population aged 25 years and older have attended college or completed a degree program. Thirty percent have earned a bachelor's degree, and 22 percent hold a graduate degree. The median household income is \$54,926. For additional information on this lifestyle, click here:  
[http://www.esri.com/~media/Files/Pdfs/data/esri\\_data/pdfs/tapestry-singles/22\\_metroplaitans.pdf](http://www.esri.com/~media/Files/Pdfs/data/esri_data/pdfs/tapestry-singles/22_metroplaitans.pdf)

### 30. Retirement Communities

Most of the households in Retirement Communities neighborhoods are single seniors who live alone; a fourth is married couples with no children living at home. This older market has a median age of 56.9 years. One-third of the population is aged 75 years or older. Most of the residents are white. The median household income for Retirement Communities is \$48,319, slightly below the U.S. median. Nearly half of the households earn income from interest, dividends, and rental properties; 45 percent receive Social Security benefits; and 26 percent receive retirement income. For additional information on this lifestyle, click here:  
[http://www.esri.com/~media/Files/Pdfs/data/esri\\_data/pdfs/tapestry-singles/30\\_retirement\\_communities.pdf](http://www.esri.com/~media/Files/Pdfs/data/esri_data/pdfs/tapestry-singles/30_retirement_communities.pdf)

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Source: Esri

April 13, 2014





## Lifestyle Report

120 old post rd  
120 Old Post Rd, Rye, New York, 10580, S, 13, 23 DT  
Drive Time: 5 minutes

Prepared by Robert Goman

### Top 10 Tapestry Segments



### Top 10 Tapestry Segments:

01. Top Runge  
Residents of Top Runge neighborhoods are mature, married, highly educated, and wealthy. The median age is 45.0 years; one-third of the residents are in their peak earning years of 45-64. More than 77 percent of these households are composed of married couples; half of them have children. Except for the presence of children, this is a low-diversity, microethnic market. Top Runge, the wealthiest consumer market, represents less than 1 percent of all U.S. households. The median household income of \$173,172 is more than three-and-one-half times that of the U.S. median. For additional information on this lifestyle, click here:  
[http://www.esri.com/~media/Files/Pdfs/data/esri\\_data/pdfs/tapestry-singles/01\\_top\\_runge.pdf](http://www.esri.com/~media/Files/Pdfs/data/esri_data/pdfs/tapestry-singles/01_top_runge.pdf)

### 09. Urban Chic

Urban Chic residents are professionals who live a sophisticated, exclusive lifestyle. More than half of these households are married-couple families, similar to the U.S. proportion. Fewer than half of them have children. Unlike the United States, there is a smaller proportion of single parents and a higher proportion of singles and shared households. The median age is 43 years; the diversity index is 48. A median household income of \$91,298 enables residents of Urban Chic neighborhoods to live in style. They are well educated; more than half of residents aged 25 years and older hold a bachelor's or graduate degree; 80 percent have attended college. For additional information on this lifestyle, click here:  
[http://www.esri.com/~media/Files/Pdfs/data/esri\\_data/pdfs/tapestry-singles/09\\_urban\\_chic.pdf](http://www.esri.com/~media/Files/Pdfs/data/esri_data/pdfs/tapestry-singles/09_urban_chic.pdf)

### 03. Connoisseurs

Residents of Connoisseurs neighborhoods are somewhat older, with a median age of 43.7 years. Approximately 70 percent of the population is married, though residents appear to be less likely to raise children. Unlike the United States, there is a smaller proportion of single parents and a higher proportion of singles and shared households. The median age is 43 years; the diversity index is 48. A median household income of \$91,298 enables residents of Urban Chic neighborhoods to live in style. They are well educated; more than half of residents aged 25 years and older hold a bachelor's or graduate degree; 80 percent have attended college. For additional information on this lifestyle, click here:  
[http://www.esri.com/~media/Files/Pdfs/data/esri\\_data/pdfs/tapestry-singles/03\\_connoisseurs.pdf](http://www.esri.com/~media/Files/Pdfs/data/esri_data/pdfs/tapestry-singles/03_connoisseurs.pdf)

### 23. Trendsetters

On the cutting edge of urban style, Trendsetters residents are young, diverse, and mobile. More than half the households are singles who live alone or share the rent with a roommate. Families comprise the remainder. With a median age of 34.8 years, this segment is slightly younger than the U.S. median. Ethnically diverse, 13.7 percent of the residents are Asian and 23 percent are Hispanic; both percentages are well above those of the U.S. median. These residents are educated professionals who work in substantial jobs. More than 70 percent of residents are aged 25 years and older and 44 percent have earned a bachelor's degree, and 73 percent have attended college. For additional information on this lifestyle, click here:  
[http://www.esri.com/~media/Files/Pdfs/data/esri\\_data/pdfs/tapestry-singles/23\\_trendsetters.pdf](http://www.esri.com/~media/Files/Pdfs/data/esri_data/pdfs/tapestry-singles/23_trendsetters.pdf)

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Source: Esri

April 13, 2014



## Lifestyle Report

120 old post rd  
120 Old Post Rd, Rye, New York, 10580, S, 13, 23 DT  
Drive Time: 5 minutes

Prepared by Robert Goman

### 20. City Lights

The City Lights segment is composed of diverse neighborhoods situated primarily in the Northeast. This dense urban market is a mixture of housing, household types, and cultures that all share the same city space. Households include families and singles, similar to the U.S. distribution by household type. With a median age of 36.5 years, the population is slightly older than that of the U.S. Compared to the U.S. population, there are fewer children and slightly more people aged 75 or older. The ethnic or racial diversity is slightly higher than the U.S. level, with higher ratios of Asian, Hispanic, and multiracial populations. City Lights residents earn a good living working in white collar and service occupations. For additional information on this lifestyle, click here:  
[http://www.esri.com/~media/Files/Pdfs/data/esri\\_data/pdfs/tapestry-singles/20\\_city\\_lights.pdf](http://www.esri.com/~media/Files/Pdfs/data/esri_data/pdfs/tapestry-singles/20_city_lights.pdf)

### 35. International Marketplace

Located primarily in cities in "gateway" states on both U.S. coasts, International Marketplace neighborhoods are developing urban markets with a rich blend of cultures and household types. The population is young, with a median age of only 32 years. Approximately 70 percent of the households are married-couple families, with a smaller proportion of single parents and a higher proportion of singles and shared households. The median age is 32 years; the diversity index is 48. A median household income of \$91,298 enables residents of Urban Chic neighborhoods to live in style. They are well educated; more than half of residents aged 25 years and older hold a bachelor's or graduate degree; 80 percent have attended college. For additional information on this lifestyle, click here:  
[http://www.esri.com/~media/Files/Pdfs/data/esri\\_data/pdfs/tapestry-singles/35\\_international\\_marketplace.pdf](http://www.esri.com/~media/Files/Pdfs/data/esri_data/pdfs/tapestry-singles/35_international_marketplace.pdf)

### 44. Urban Melting Pot

Recently settled immigrants live in ethnically rich Urban Melting Pot neighborhoods. More than half of the population is foreign born; half of these have come to the U.S. in the last 10 years. The median age is 36.4 years, slightly younger than the U.S. median of 37.3. Distinctly diverse, more than one in four are Hispanic. Whites represent 47 percent of the population; Asians, 30 percent; and 6 percent are multiracial. Household types are equally diverse: 45 percent are married couple families; 30 percent are singles who live alone; single parents, other family types, and shared households. The median age is 36.4 years; the diversity index is 48. A median household income of \$91,298 enables residents of Urban Chic neighborhoods to live in style. They are well educated; more than half of residents aged 25 years and older hold a bachelor's or graduate degree; 80 percent have attended college. For additional information on this lifestyle, click here:  
[http://www.esri.com/~media/Files/Pdfs/data/esri\\_data/pdfs/tapestry-singles/44\\_urban\\_melting\\_pot.pdf](http://www.esri.com/~media/Files/Pdfs/data/esri_data/pdfs/tapestry-singles/44_urban_melting_pot.pdf)

**Data Note:** This report identifies neighborhood segments in the area, and describes the socioeconomic quality of the immediate neighborhood. The index is a comparison of the percent of households or population in the area by Tapestry segment, to the percent of households or population in the United States, by segment. An index of 100 is the U.S. average.  
Source: Esri

April 13, 2014



## Market Profile

120 old post rd  
120 Old Post Rd, Rye, New York, 10580, 5, 13, 23 DT  
Drive Time: 5, 13, 23 minutes

Prepared by Robert Goman

	0 - 5 minutes	0 - 13 minutes	0 - 23 minutes
<b>Population Summary</b>			
2000 Total Population	15,024	166,613	1,244,533
2010 Total Population	15,771	194,677	1,280,138
2013 Total Population	15,686	155,142	1,285,824
2013 Group Quarters	158	4,418	29,898
2018 Total Population	15,605	198,781	1,313,850
2013-2018 Annual Rate	0.15%	0.37%	0.43%
<b>Household Summary</b>			
2000 Households	5,743	71,508	469,699
2010 Households	2,60	2,60	2,60
2010 Average Household Size	5.896	72,575	480,532
2013 Households	2,65	2,62	2,62
2013 Average Household Size	5.872	72,725	482,959
2018 Households	2,84	2,62	2,62
2018 Average Household Size	5.925	74,093	493,613
2013-2018 Annual Rate	0.19%	0.45%	0.46%
2010 Average Family Size	4.089	47,872	315,302
2013 Average Family Size	3.26	3,22	3,23
2013 Families	4,060	47,854	316,078
2013 Average Family Size	3.26	3,22	3,22
2018 Families	4,071	48,461	321,151
2018 Average Family Size	3.26	3,23	3,23
2013-2018 Annual Rate	0.05%	0.25%	0.32%
<b>Housing Unit Summary</b>			
2000 Housing Units	5,990	73,982	490,221
Owner Occupied Housing Units	61.8%	56.4%	48.2%
Renter Occupied Housing Units	34.1%	40.2%	47.6%
Vacant Housing Units	4.1%	3.3%	4.2%
2010 Housing Units	6,412	78,349	511,672
Owner Occupied Housing Units	58.1%	54.4%	47.4%
Renter Occupied Housing Units	33.8%	38.2%	46.5%
Vacant Housing Units	8.0%	7.4%	6.1%
2013 Housing Units	6,379	78,660	513,655
Owner Occupied Housing Units	57.6%	53.4%	46.8%
Renter Occupied Housing Units	32.4%	37.5%	47.1%
Vacant Housing Units	7.9%	7.5%	6.3%
2018 Housing Units	6,504	79,864	526,562
Owner Occupied Housing Units	59.0%	54.9%	47.9%
Renter Occupied Housing Units	32.0%	37.9%	45.8%
Vacant Housing Units	9.0%	7.2%	6.2%
<b>Median Household Income</b>			
2013	\$114,475	\$85,864	\$62,950
2018	\$130,946	\$100,543	\$76,657
<b>Median Home Value</b>			
2013	\$703,312	\$629,865	\$479,179
2018	\$930,553	\$852,654	\$650,510
<b>Per Capita Income</b>			
2013	\$61,544	\$50,803	\$38,559
2018	\$76,101	\$61,562	\$45,805
<b>Median Age</b>			
2010	40.0	39.3	38.5
2013	40.3	38.5	38.5
2018	41.1	40.5	39.4

Data Notes: Household population includes persons not residing in group quarters. Average Household Size is the household population divided by total households. Persons in families include the householder and persons related to the householder by birth, marriage, or adoption. Per Capita Income represents the income received by all persons aged 15 years and over divided by the total population.

Source: U.S. Census Bureau, Census 2010 Summary File 1. Est. forecasts for 2013 and 2018. Est. converted Census 2000 data into 2010 geography.

April 13, 2014



## Market Profile

120 old post rd  
120 Old Post Rd, Rye, New York, 10580, 5, 13, 23 DT  
Drive Time: 5, 13, 23 minutes

Prepared by Robert Goman

	0 - 5 minutes	0 - 13 minutes	0 - 23 minutes
<b>2013 Households by Income</b>			
Household Income Base	5,872	72,725	482,959
<\$15,000	6.4%	7.1%	10.8%
\$15,000 - \$24,999	4.2%	6.6%	8.0%
\$25,000 - \$34,999	2.9%	7.7%	9.1%
\$35,000 - \$49,999	7.1%	9.8%	12.6%
\$50,000 - \$74,999	13.0%	13.5%	15.7%
\$75,000 - \$99,999	10.1%	10.9%	11.2%
\$100,000 - \$149,999	16.6%	15.8%	14.6%
\$150,000 - \$199,999	10.5%	8.7%	6.8%
\$200,000 +	29.0%	20.0%	11.2%
Average Household Income	\$158,314	\$135,087	\$101,518
<b>2018 Households by Income</b>			
Household Income Base	5,925	74,093	493,613
<\$15,000	5.2%	6.2%	10.1%
\$15,000 - \$24,999	2.9%	4.9%	6.1%
\$25,000 - \$34,999	2.5%	6.3%	8.1%
\$35,000 - \$49,999	5.7%	8.5%	11.5%
\$50,000 - \$74,999	9.3%	11.1%	13.1%
\$75,000 - \$99,999	11.4%	12.6%	13.3%
\$100,000 - \$149,999	18.6%	17.7%	16.9%
\$150,000 - \$199,999	12.6%	10.7%	8.5%
\$200,000 +	31.8%	21.9%	12.4%
Average Household Income	\$207,993	\$163,973	\$120,756
<b>2013 Owner Occupied Housing Units by Value</b>			
Total	3,676	41,998	240,032
<\$50,000	0.1%	0.2%	0.6%
\$50,000 - \$99,999	0.8%	1.2%	2.7%
\$100,000 - \$149,999	1.6%	1.8%	2.6%
\$150,000 - \$199,999	2.0%	3.0%	3.5%
\$200,000 - \$249,999	2.3%	3.5%	4.4%
\$250,000 - \$299,999	3.6%	6.0%	6.0%
\$300,000 - \$399,999	10.0%	10.6%	16.4%
\$400,000 - \$499,999	10.7%	12.3%	17.4%
\$500,000 - \$749,999	23.2%	24.2%	24.7%
\$750,000 - \$999,999	16.0%	12.5%	8.2%
\$1,000,000 +	29.7%	25.9%	13.5%
Average Home Value	\$760,373	\$706,169	\$568,406
<b>2018 Owner Occupied Housing Units by Value</b>			
Total	3,840	43,813	252,300
<\$50,000	0.0%	0.0%	0.1%
\$50,000 - \$99,999	0.0%	0.1%	0.5%
\$100,000 - \$149,999	0.2%	0.7%	0.7%
\$150,000 - \$199,999	0.9%	1.2%	3.1%
\$200,000 - \$249,999	1.5%	2.4%	3.9%
\$250,000 - \$299,999	1.5%	3.1%	4.6%
\$300,000 - \$399,999	1.8%	4.7%	9.3%
\$400,000 - \$499,999	4.7%	13.3%	23.9%
\$500,000 - \$749,999	9.5%	16.9%	23.9%
\$750,000 - \$999,999	41.5%	31.4%	24.0%
\$1,000,000 +	38.5%	31.5%	16.5%
Average Home Value	\$939,878	\$844,621	\$666,423

Data Notes: Income represents the preceding year, expressed in current dollars. Household income includes wage and salary earnings, interest, dividends, net rents, pensions, SSI and welfare payments, child support, and alimony.

Source: U.S. Census Bureau, Census 2010 Summary File 1. Est. forecasts for 2013 and 2018. Est. converted Census 2000 data into 2010 geography.

April 13, 2014

**GOMAN+YORK**  
NOVEMBER 2014



## Market Profile

120 old post rd  
120 Old Post Rd, Rye, New York, 10580, 5, 13, 23 DT  
Drive Time: 5, 13, 23 minutes

Prepared by Robert Goman

### 2010 Population by Age

	0 - 5 minutes	0 - 13 minutes	0 - 23 minutes
Total	15,770	194,679	1,280,139
0 - 4	7.0%	6.2%	6.3%
5 - 9	8.9%	6.7%	6.4%
10 - 14	9.0%	6.8%	6.6%
15 - 24	9.9%	11.7%	12.9%
25 - 34	8.5%	13.2%	12.6%
35 - 44	15.3%	14.6%	14.1%
45 - 54	16.8%	15.3%	14.9%
55 - 64	10.0%	11.3%	11.5%
65 - 74	6.5%	7.0%	7.1%
75 - 84	4.9%	5.1%	4.8%
85 +	3.4%	2.6%	2.3%
18 +	70.1%	76.1%	76.5%

### 2013 Population by Age

	0 - 5 minutes	0 - 13 minutes	0 - 23 minutes
Total	15,695	195,142	1,285,822
0 - 4	6.4%	5.9%	6.0%
5 - 9	8.2%	6.6%	6.4%
10 - 14	9.5%	7.1%	6.7%
15 - 24	11.7%	12.2%	13.0%
25 - 34	7.9%	12.1%	12.9%
35 - 44	13.3%	13.8%	13.4%
45 - 54	16.8%	15.1%	14.6%
55 - 64	11.4%	12.2%	12.2%
65 - 74	6.9%	7.6%	7.7%
75 - 84	4.5%	4.8%	4.7%
85 +	3.3%	2.7%	2.4%
18 +	70.8%	76.4%	76.9%

### 2018 Population by Age

	0 - 5 minutes	0 - 13 minutes	0 - 23 minutes
Total	15,807	198,781	1,313,849
0 - 4	6.1%	5.8%	5.9%
5 - 9	7.8%	6.4%	6.2%
10 - 14	9.3%	7.1%	6.8%
15 - 24	12.2%	11.8%	12.5%
25 - 34	8.1%	11.7%	12.7%
35 - 44	11.5%	13.3%	13.0%
45 - 54	16.0%	14.4%	13.6%
55 - 64	13.8%	13.2%	12.9%
65 - 74	7.7%	8.8%	9.0%
75 - 84	4.4%	4.9%	4.9%
85 +	3.0%	2.7%	2.4%
18 +	71.6%	76.5%	77.2%

### 2010 Population by Sex

Males	7,557	94,606	606,410
Females	8,204	100,071	673,728

### 2013 Population by Sex

Males	7,564	95,201	610,686
Females	8,122	99,941	675,138

### 2018 Population by Sex

Males	7,657	97,492	626,258
Females	8,148	101,289	687,592

Source: U.S. Census Bureau, Census 2010 Summary File 1. Est. forecasts for 2013 and 2018. Est. converted Census 2000 data into 2010 geography.

April 13, 2014



## Market Profile

120 old post rd  
120 Old Post Rd, Rye, New York, 10580, 5, 13, 23 DT  
Drive Time: 5, 13, 23 minutes

Prepared by Robert Goman

### 2010 Population by Race/Ethnicity

	0 - 5 minutes	0 - 13 minutes	0 - 23 minutes
Total	15,771	194,676	1,280,137
White Alone	85.2%	74.3%	55.6%
Black Alone	2.3%	7.5%	24.3%
American Indian Alone	0.2%	0.4%	0.5%
Asian Alone	6.8%	5.8%	6.0%
Pacific Islander Alone	0.0%	0.1%	0.1%
Some Other Race Alone	3.5%	9.0%	10.1%
Two or More Races	2.0%	3.0%	3.3%
Hispanic Origin	11.3%	23.9%	25.6%
Diversity Index	41.6	64.3	77.0

### 2013 Population by Race/Ethnicity

	0 - 5 minutes	0 - 13 minutes	0 - 23 minutes
Total	15,685	195,143	1,285,823
White Alone	84.2%	72.9%	54.7%
Black Alone	2.3%	7.6%	24.2%
American Indian Alone	0.2%	0.4%	0.5%
Asian Alone	7.2%	6.1%	6.3%
Pacific Islander Alone	0.0%	0.1%	0.1%
Some Other Race Alone	3.8%	9.7%	10.5%
Two or More Races	2.2%	3.2%	3.6%
Hispanic Origin	12.4%	25.7%	26.9%
Diversity Index	44.1	66.5	78.0

### 2018 Population by Race/Ethnicity

	0 - 5 minutes	0 - 13 minutes	0 - 23 minutes
Total	15,804	198,782	1,313,849
White Alone	82.5%	70.8%	53.3%
Black Alone	2.4%	7.8%	24.1%
American Indian Alone	0.2%	0.4%	0.6%
Asian Alone	8.0%	6.6%	6.9%
Pacific Islander Alone	0.0%	0.1%	0.1%
Some Other Race Alone	4.4%	10.8%	11.2%
Two or More Races	2.5%	3.5%	3.9%
Hispanic Origin	14.6%	28.8%	29.3%
Diversity Index	48.4	69.8	79.7

### 2010 Population by Relationship and Household Type

	0 - 5 minutes	0 - 13 minutes	0 - 23 minutes
Total	15,771	194,677	1,280,138
In Households	99.0%	97.7%	97.7%
In Family Households	86.1%	82.1%	82.2%
Householder	25.4%	24.6%	24.6%
Spouse	21.4%	19.1%	16.4%
Child	35.6%	30.7%	32.5%
Other relative	2.3%	4.9%	6.0%
Nonrelative	1.4%	2.9%	2.7%
In Nonfamily Households	12.9%	15.5%	15.5%
In Group Quarters	1.0%	2.3%	2.3%
Institutionalized Population	0.8%	0.6%	1.0%
Noninstitutionalized Population	0.2%	1.7%	1.3%

Data Note: Persons of Hispanic Origin may be of any race. The Diversity Index measures the probability that two people from the same area will be from different racial/ethnic groups.  
Source: U.S. Census Bureau, Census 2010 Summary File 1. Est. forecasts for 2013 and 2018. Est. converted Census 2000 data into 2010 geography.

April 13, 2014

**GOMAN+YORK**  
NOVEMBER 2014



## Market Profile

120 old post rd  
120 Old Post Rd, Rye, New York, 10580, 5, 13, 23 DT  
Drive Time: 5, 13, 23 minutes

Prepared by Robert Goman

2013 Population 25+ by Educational Attainment			
	0 - 5 minutes	0 - 13 minutes	0 - 23 minutes
Total	10,069	133,304	872,305
Less than 9th Grade	2.1%	7.2%	7.6%
9th - 12th Grade, No Diploma	4.0%	5.0%	7.6%
High School Graduate	15.3%	21.2%	24.7%
Some College, No Degree	10.6%	12.3%	15.3%
Associate Degree	6.4%	5.3%	6.5%
Bachelor's Degree	33.7%	24.9%	20.7%
Graduate/Professional Degree	27.9%	24.1%	17.6%
2013 Population 15+ by Marital Status			
Total	11,502	157,048	1,040,002
Never Married	24.7%	30.8%	36.1%
Married	61.8%	54.8%	48.5%
Widowed	7.3%	6.6%	6.8%
Divorced	6.3%	7.7%	8.6%
2013 Civilian Population 16+ in Labor Force			
Civilian Employed	90.4%	91.1%	90.0%
Civilian Unemployed	9.6%	8.9%	10.0%
2013 Employed Population 16+ by Industry			
Total	6,666	95,209	591,245
Agriculture/Mining	0.2%	0.1%	0.1%
Construction	6.4%	6.5%	5.6%
Manufacturing	3.2%	4.9%	4.2%
Wholesale Trade	2.3%	2.5%	2.0%
Retail Trade	8.5%	9.2%	9.8%
Transportation/Utilities	2.6%	3.1%	4.6%
Information	4.8%	2.6%	2.5%
Finance/Insurance/Real Estate	21.5%	13.6%	11.2%
Services	48.2%	54.8%	56.4%
Public Administration	2.2%	2.6%	3.4%
2013 Employed Population 16+ by Occupation			
Total	6,664	95,210	591,244
White Collar	78.8%	67.5%	64.1%
Management/Business/Financial	28.1%	21.2%	16.8%
Professional	26.3%	23.9%	23.5%
Sales	15.8%	11.6%	10.8%
Administrative Support	8.6%	10.8%	13.0%
Services	13.4%	20.0%	22.1%
Blue Collar	7.8%	12.5%	13.8%
Farming/Forestry/Fishing	0.0%	0.1%	0.1%
Construction/Extraction	3.2%	5.3%	4.7%
Installation/Maintenance/Repair	1.5%	1.4%	2.0%
Production	0.5%	2.6%	2.6%
Transportation/Material Moving	2.7%	3.2%	4.4%

Sources: U.S. Census Bureau, Census 2010 Summary File 1. Ben forecasts for 2013 and 2018. Ben converted Census 2000 data into 2010 geography.

April 13, 2014



## Market Profile

120 old post rd  
120 Old Post Rd, Rye, New York, 10580, 5, 13, 23 DT  
Drive Time: 5, 13, 23 minutes

Prepared by Robert Goman

2010 Households by Type			
	0 - 5 minutes	0 - 13 minutes	0 - 23 minutes
Total	5,897	72,576	480,533
Households with 1 Person	27.0%	28.7%	29.2%
Households with 2+ People	73.0%	71.3%	70.8%
Family Households	69.3%	66.0%	65.6%
Husband-wife Families	58.5%	51.1%	43.7%
With Related Children	34.3%	26.1%	21.7%
Other Family (No Spouse Present)	10.8%	14.8%	21.9%
Other Family with Male Householder	2.8%	4.0%	5.0%
With Related Children	1.3%	1.8%	2.3%
Other Family with Female Householder	8.1%	10.8%	16.9%
With Related Children	4.6%	6.0%	10.1%
Nonfamily Households	3.6%	5.3%	5.2%
All Households with Children	40.3%	34.2%	34.4%
Multigenerational Households	1.9%	3.2%	5.0%
Unmarried Partner Households	3.3%	4.6%	5.4%
Male-female	2.8%	4.0%	4.7%
Same-sex	0.4%	0.6%	0.7%
2010 Households by Size			
Total	5,896	72,576	480,533
1 person Household	27.1%	28.7%	29.2%
2 person Household	25.9%	28.5%	28.1%
3 person Household	15.3%	15.6%	15.6%
4 person Household	18.4%	15.1%	14.3%
5 person Household	9.4%	7.4%	7.1%
6 person Household	2.8%	2.7%	2.7%
7+ person Household	1.1%	2.0%	2.0%
2010 Households by Tenure and Mortgage Status			
Total	5,896	72,574	480,532
Owner Occupied	63.2%	59.8%	50.5%
Owned with a Mortgage/Loan	42.1%	39.6%	34.6%
Owned Free and Clear	21.1%	19.2%	15.9%
Renter Occupied	36.8%	41.2%	49.5%

Data Note: Households with children include all households with people under age 18, related or not. Multigenerational households are families with 3 or more parent-child relationships. Unmarried partner households are usually classified as nonfamily households, unless there is an adult member of the household related to the householder. Multigenerational and unmarried partner households are reported only to the tract level. Ben estimated block group data, which is used to estimate polygons or non-standard geography.

Sources: U.S. Census Bureau, Census 2010 Summary File 1. Ben forecasts for 2013 and 2018. Ben converted Census 2000 data into 2010 geography.

April 13, 2014

# Market Profile

120 old post rd  
120 Old Post Rd, Rye, New York, 10580, 5, 13, 23 DT  
Drive Time: 5, 13, 23 minutes  
Prepared by Robert Goman

## Top 3 Tapasstry Segments

### 2013 Consumer Spending

	0 - 5 minutes	0 - 13 minutes	0 - 23 minutes
1. Top Ring			
2. Urban Chic			
3. Connaisseurs			
Apparel & Services: Total \$	\$21,043,161	\$214,578,681	\$1,107,360,395
Average Spent	\$3,583.64	\$2,950.55	\$2,292.87
Spending Potential Index	158	130	101
Computers & Accessories: Total \$	\$3,594,245	\$35,789,453	\$177,005,496
Average Spent	\$612.13	\$492.12	\$366.50
Spending Potential Index	246	198	148
Education: Total \$	\$23,809,183	\$238,553,726	\$1,209,900,074
Average Spent	\$4,054.70	\$3,280.22	\$2,505.18
Spending Potential Index	278	225	172
Entertainment/Recreation: Total \$	\$46,092,098	\$453,258,425	\$2,240,208,627
Average Spent	\$7,849.47	\$6,232.50	\$4,638.51
Spending Potential Index	241	192	143
Food at Home: Total \$	\$63,861,629	\$659,730,119	\$3,426,697,578
Average Spent	\$10,675.62	\$9,071.57	\$7,095.21
Spending Potential Index	216	180	141
Food Away from Home: Total \$	\$43,110,309	\$439,390,644	\$2,222,385,619
Average Spent	\$7,341.67	\$6,041.81	\$4,601.60
Spending Potential Index	230	189	144
Health Care: Total \$	\$58,245,351	\$570,430,339	\$2,819,516,811
Average Spent	\$9,919.17	\$7,843.66	\$5,838.00
Spending Potential Index	223	176	131
HH Furnishings & Equipment: Total \$	\$21,872,352	\$215,281,628	\$1,056,815,578
Average Spent	\$3,724.86	\$2,960.21	\$2,188.21
Spending Potential Index	207	164	121
Investments: Total \$	\$56,917,095	\$449,725,178	\$1,687,220,723
Average Spent	\$9,692.97	\$6,183.91	\$3,493.51
Spending Potential Index	467	298	168
Retail Goods: Total \$	\$303,506,741	\$3,022,079,791	\$15,036,417,854
Average Spent	\$51,687.12	\$41,554.90	\$31,138.08
Spending Potential Index	214	172	129
Shelter: Total \$	\$240,936,105	\$2,415,405,134	\$12,207,097,382
Average Spent	\$41,031.35	\$33,212.86	\$25,275.64
Spending Potential Index	252	204	155
TV/Video/Audio: Total \$	\$15,985,547	\$164,919,984	\$856,736,321
Average Spent	\$2,722.33	\$2,267.72	\$1,773.93
Spending Potential Index	211	176	138
Travel: Total \$	\$78,946,598	\$273,462,214	\$1,295,737,576
Average Spent	\$4,929.60	\$3,760.22	\$2,682.91
Spending Potential Index	269	205	146
Vehicle Maintenance & Repairs: Total \$	\$14,769,798	\$145,734,314	\$714,080,836
Average Spent	\$2,515.29	\$2,003.91	\$1,478.55
Spending Potential Index	230	183	135

**Data Note:** Consumer spending shows the amount spent on a variety of goods and services by households that reside in the area. Expenditures are shown by broad budget categories that are not mutually exclusive. Consumer spending does not equal business revenue. Total and Average Amount Spent for individual segments are based on figures. The Spending Potential Index represents the amount spent in the area relative to a national average of 100.

**Source:** Consumer Spending data are derived from the 2010 and 2011 Consumer Expenditure Surveys, Bureau of Labor Statistics. BH.

**Source:** U.S. Census Bureau, Census 2010 Summary 1 & 2. Estimates for 2011 and 2010. For converted Census 2000 data into 2010 geography.

April 13, 2014

# *McCarthy Appraisal / Consulting Svc. Inc.*

1364 Rte 6, Carmel, New York 10512 (914)420-8757

[apprbyedye@comcast.net](mailto:apprbyedye@comcast.net)

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Alfred Weissman  
c/o: HKP – Harfenist Kraut & Prsltein LLP  
2975 Westchester Avenue  
Suite 415  
Purchase, NY 10577

January 9, 2014

RE: 120 Old Post Road, Rye, NY  
Potential development - Proposed Property Tax Exposure

Dear Mr. Weissman:

As per your request through my conversations with your attorney, Jonathan Kraut, I am respectfully enclosing this report on the potential tax exposure on the proposed development plan located at above noted address. The documentation enclosed, illustrates both the current property taxes and an analysis for the proposed development. As you will see, there is a substantial increase in taxes from the current use. This analysis is based on the required methodology for apartments/condominiums and cooperatives in the New York State Real Property Tax Law.

The analysis and potential tax exposure is based on information received to date and based on the project reaching stabilization. We based our analysis on the following information, and if current proposal changes throughout the approval process, the valuation may change as well.

46 1 Bedroom with 1,215 square feet

89 2 Bedroom with 1,395 square feet

There will be 1.25 parking for each unit which will be included  
in the rental rates.

As can be seen from the enclosed, the rental income was established by gathering information from the most comparable properties in the market place. As this will be a new complex with several amenities, the market rental rates are assumed to be higher than typical within the City of Rye. However, they are included in the report for reference. Therefore we expanded our search to newer developed apartment complexes. The expenses, and capitalization rate were also derived from the market and reliable real estate publications. I will be happy to discuss this with you in further detail if necessary.

Sincerely

Edye McCarthy  
Commercial Real Estate Appraiser/Consultant



# Projected Market Value

First Assessment Year	2014
File No.	
Parcel I.D. S-B-L	146.13-1-7
Property Address	120 Old Post Road
Property Owner	Old Post Rd Assoc.
Property Representative	Kraut
Property Class	

E:\[weissman.xls\anal
Date
Time
1bdm
2bdm
Total Sq.ft.

Sq.Ft.

1,215

1,395

## INCOME / EXPENSE WORKSHEET

1bdm	\$2,800.00
2bdm	\$3,200.00
Assessment Year	2014
Tax Year	#N/A
Income	
Residential	1,545,600
Commercial	3,417,600
Owner Occupied Space	
Real Estate Tax Escalations	
Operating Escalation Income	
Other Operating Income	
- Vacancy/Collection	5.0%
= Effective Gross Income	248,160
Expenses	4,715,040
Audit/Adjusted Expenses	30%
Management	1,414,512
Amortized/Other Expense Adj.	5.0%
1	235,752
2	
5	
= Total Expenses	1,650,264
Net Operating Income	3,064,776

EZ Expense Data Entry		\$ Amounts
EXPENSES:		2014
a. Fuel		
b. Light and power		
c. Cleaning contract		
d. Wages and payroll		
e. Repairs and maintenance		
f. Management and administration		
g. Insurance (annual)		
h. Water and sewer		
i. Advertising		
j. Interior painting and decorating		
k. Amort. leasing and tenant impr.costs		
l. Miscellaneous expenses		
m. TOTAL EXPENSES		#N/A

## VALUATION CONCLUSIONS

Assessment Year	2014
Net Operating Income	\$3,064,776
Expense / Income Ratio	35%
Capitalization Rate	9.00%
Full Market Value	\$34,053,067
per unit	\$252,244.94
Assessed Valuation	1.91%
Equalized Value	143,100
Under/Over Assessed	\$7,492,147
AV should be	\$26,560,920
	\$615,896

Total Tax Rate \$ 946.93

value per unit \$ 252,245

MLSNumbr	PropertyTy	Status	StreetNum	StreetSuffi	ListPrice	ClosePrice	BathsTotal	BedsTotal	SqFtTotal	YearBuilt	DOM	City
94623	Rental	Sold	15	Street	\$ 1,550	\$ 1,450	1	2	980			14 Rye City
85417	Rental	Sold	42	Avenue	\$ 1,200	\$ 1,200	1	1	650	1949		84 Rye City
83638	Rental	Sold	50		\$ 3,200	\$ 2,800	3	3	1800	1981		101 Rye City
89367	Rental	Sold	4	Street	\$ 1,500	\$ 1,400	1	2	852	1954		33 Rye City
85011	Rental	Sold	1	Street	\$ 1,600	\$ 1,450	1	2	950	1954		58 Rye City
84862	Rental	Sold	181	Street	\$ 1,100	\$ 1,050	1	1	500	1954		17 Rye City
72750	Rental	Sold	181	Street	\$ 1,450	\$ 1,400	2	2	900	1954		33 Rye City
69716	Rental	Sold	645	Avenue	\$ 2,500	\$ 2,200	3	2	2000	1985		46 Rye City
70522	Rental	Sold	181	Street	\$ 1,200	\$ 1,200	1	1		1954		27 Rye City
69112	Rental	Sold	3		\$ 1,050	\$ 1,000	1	1	750	1954		41 Rye City
69081	Rental	Sold	5	Street	\$ 1,495	\$ 1,435	1	2	950	1942		24 Rye City
65915	Rental	Sold	181		\$ 1,050	\$ 975	1	1	500	1954		60 Rye City
68592	Rental	Sold	110		\$ 2,450	\$ 2,400	3	2	1300	1987		13 Rye City
63850	Rental	Sold	40		\$ 3,500	\$ 3,500	3	2	1930	1980		67 Rye City
55818	Rental	Sold	130		\$ 1,500	\$ 1,500	1	2	900	1953		56 Rye City
59558	Rental	Sold	14		\$ 3,500	\$ 3,300	3	3	2300	1988		15 Rye City
46316	Rental	Sold	10		\$ 3,200	\$ 3,000	3	2	1800	1989		160 Rye City
55081	Rental	Sold	181		\$ 1,300	\$ 1,250	1	1	700	1954		52 Rye City
55614	Rental	Sold	75		\$ 3,100	\$ 3,000	3	2	1950	1981		46 Rye City
56705	Rental	Sold	100		\$ 1,250	\$ 1,200	1	1	700	1955		29 Rye City
50653	Rental	Sold	130		\$ 1,000	\$ 1,000	1	1	700	1955		48 Rye City
50162	Rental	Sold	599	Avenue	\$ 2,500	\$ 2,350	3	2	1600	1989		10 Rye City
46106	Rental	Sold	6	Avenue	\$ 1,800	\$ 1,700	1	2	1000	1926		47 Rye City
40096	Rental	Sold	39	Avenue	\$ 1,600	\$ 1,500	1	2	900	1949		121 Rye City
41675	Rental	Sold	645	Avenue	\$ 3,200	\$ 3,200	7	2	2100	1987		94 Rye City

**MARKET DATA**

Apartment Site	1 Bedroom			2 Bedroom / 1 Bath			2 Bedroom / 2 Bath		
	average	price range	Sq Ft	average	price range	Sq Ft	average	price range	Sq Ft
<b>Avalon Green</b>									
500 Town Green Drive, Elmsford, NY 10523 / 914-610-4306		NL	642	\$ 2,038	2030-2045	700	\$ 2,668	2655-2680	1192
	\$ 2,025	1920-2130	679-702		n/a	n/a	\$ 2,485	2485	1260
	\$ 2,100	1995-2205	774-841		n/a	n/a	\$ 2,750	2745-2755	1450
	\$ 2,005	1985-2025	870		n/a	n/a		NL	1601-1721
		NL	885		n/a	n/a	\$ 2,715	2715	1361-1372
	\$ 2,313	2175-2350	969-990		n/a	n/a	\$ 2,718	2705-2730	1362
	\$ 2,575	2575	1076		n/a	n/a	\$ 2,720	2715-2725	1421-1436
	\$ 2,500	2300	1103		n/a	n/a		n/a	n/a
		NL	1205		n/a	n/a		n/a	n/a
Average:	\$ 2,220			\$ 2,038			\$ 2,678		
<b>Talleyrand Apartments</b>									
1202 Crescent Drive, Tarrytown, NY 10591 / 914-449-1383	\$ 1,805	1805	658	\$ 2,018	2015-2020	828	\$ 2,028	2025-2030	934
		NL	794	\$ 2,183	2170-2195	971	\$ 2,190	2180-2200	1064
Average:	\$ 1,805			\$ 2,100			\$ 2,100		
<b>Ridgeview Apartments</b>									
32 Nob Hill Drive, Elmsford, NY 10523 / 914-610-4229	\$ 1,637	1587-1637	658	\$ 1,833	1833	828	\$ 1,948	1925-1970	934 (1.5 bath)
Average:	\$ 1,637			\$ 1,833			\$ 1,948		
<b>Various Irvington Apartment Listings</b>									
Irvington Village / South Eckar		n/a	n/a	\$ 1,975	1975	NL, 7 Bath		n/a	n/a
111 North Broadway, Irvington, NY		n/a	n/a		n/a	n/a	\$ 2,100	2100	NL
635 South Broadway, Irvington, NY		n/a	n/a	\$ 3,100	3100	1300		n/a	n/a
Irvington, NY		n/a	n/a	\$ 2,050	2050	900		n/a	n/a
Irvington, NY		n/a	n/a	\$ 1,350	1950	NL		n/a	n/a
86 Main Street, Irvington, NY 10533	\$ 1,250	1250	566		n/a	n/a		n/a	n/a
Irvington, NY		n/a	n/a		NL	1650		n/a	n/a
5 Eckar Street, Irvington, NY 10533		n/a	n/a	\$ 1,975	1975	NL		n/a	n/a
106 Main Street, #1, Irvington, NY 10533		n/a	n/a	\$ 2,750	2750	1000		n/a	n/a
106 Main Street, #2, Irvington, NY 10533		n/a	n/a	\$ 2,200	2200	1000		n/a	n/a
80 S Broadway-carriage House, Irvington, NY 10533		n/a	n/a	\$ 1,800	1800	1100		n/a	n/a
1 S Aster St, #303, Irvington, NY 10533	\$ 2,900	2600	1150		n/a	n/a		n/a	n/a
1 S Aster St, Irvington, NY 10533		2500	850		n/a	n/a		n/a	n/a
1 S Aster St, Irvington, NY 10533		n/a	n/a		n/a	n/a	\$ 3,250	5250	1150
24 S Eckar Street, Irvington, NY 10533		n/a	n/a	\$ 2,000	2000	700		n/a	n/a
36 Hamilton Road, Apt 3, Irvington, NY 10533		n/a	n/a	\$ 2,700	2700	1000		n/a	n/a
2 BR unit with hardwood floors throughout		n/a	n/a	\$ 2,000	2000	850		n/a	n/a
UNFURNISHED in four-family private house		n/a	n/a	\$ 1,800	1800	850		n/a	n/a
Average:	\$ 1,925			\$ 2,192			\$ 2,675		
<b>One City Place</b>									
One City Place, White Plains, NY 10601 / 914-368-9177	\$ 2,877	2401-3352	807	\$ 4,056	3518-4593	1183	\$ 4,222	3678-4765	947
	\$ 3,871	2445-3697	626		n/a	n/a	\$ 4,046	3415-4676	921
	\$ 2,965	2376-3553	827		n/a	n/a	\$ 3,588	3151-4024	1013
	\$ 3,028	2577-3478	641		n/a	n/a	\$ 4,232	3521-4943	1033
	\$ 2,911	2363-3458	644		n/a	n/a	\$ 4,350	3656-5044	1036
	\$ 3,108	2477-3738	652		n/a	n/a	\$ 3,587	2864-4310	1044
	\$ 3,108	2477-3738	653		n/a	n/a	\$ 3,834	3156-4502	1249
		n/a	n/a		n/a	n/a	\$ 3,403	2771-4034	1271
Average:	\$ 3,009			\$ 4,056			\$ 3,908		
<b>Halestead White Plains Metro North</b>									
84 South Lexington Avenue, White Plains, NY 10606 / 914-449-1355	\$ 2,242	2153-2330	599	\$ 2,816	2595-3037	988	\$ 2,958	2717-3200	809
	\$ 2,274	2124-2423	656		n/a	n/a	\$ 3,271	2912-3629	1039
Average:	\$ 2,256			\$ 2,816			\$ 3,115		
<b>Avalon White Plains</b>									
27 Barker Avenue, White Plains, NY 10601 / 914-368-7166	\$ 2,185	2115-2255	678-711		n/a	n/a	\$ 3,185	3185	1075
	\$ 2,248	2110-2385	694-708		n/a	n/a	\$ 3,205	3205	1193
	\$ 2,258	2155-2360	723-726		n/a	n/a	\$ 3,945	3945	1464
	\$ 2,275	2255-2295	758		n/a	n/a	\$ 3,995	3995	1473
	\$ 2,280	2280	813		n/a	n/a	\$ 4,080	4080	1533
	\$ 2,500	2500	835		n/a	n/a		n/a	n/a
	\$ 2,515	2515	858		n/a	n/a		n/a	n/a
Average:	\$ 2,323						\$ 3,662		

PROPERTY TAX PROJECTIONS			
	Tax Rates 2014/2015	Current Property Taxes	Proposed Development 2014/2015 Property Taxes
CITY	\$ 150.38	\$ 21,519.38	\$ 97,809.19
COUNTY	\$ 187.92	\$ 26,891.35	\$ 122,225.72
SCHOOL	\$ 561.33	\$ 80,326.32	\$ 365,096.65
COUNTY REFUSE	\$ 17.61	\$ 2,519.99	\$ 11,453.78
BLIND BROOK SEWER	\$ 29.69	\$ 4,248.64	\$ 19,310.78
	<u>\$ 946.93</u>	<u>\$ 135,505.68</u>	<u>\$ 615,896.12</u>
Current Assessed Value	143,100		
Proposed Assessed value per analysis	650,414		

7/22/2014	2014 MUNICIPAL COUNTY TAX RATES FOR THE COUNTY GENERAL LEVY			
MUNICIPALITY	SWIS CODE	PARCELS	TAXABLE ASSESSED VALUE	TAX RATE PER \$1,000
City of Mount Vernon	550800	11,281	151,232,793	101.980000
City of New Rochelle	551000	16,084	267,270,832	123.532000
City of Peekskill	551200	6,395	61,921,656	86.011050
City of Rye	551400	4,935	137,863,523	187.923444
City of White Plains	551700	14,088	276,979,095	100.990000
City of Yonkers	551800	36522	475,391,550	117.860000
Town of Bedford	552000	6,296	577,140,508	32.123240
Town of Cortlandt	552200	15,379	107,009,202	183.970000
Town of Eastchester	552400	9,286	104,755,180	248.241100
Town of Greenburgh	552600	28,629	547,521,601	105.209400
Town of Harrison	552800	6,975	135,255,052	211.545407
Town of Lewisboro	553000	5,822	302,173,880	33.875600
Town of Mamaroneck	553200	8,739	8,686,517,881	3.702300
Town of Mount Kisco	555600	2,796	300,589,735	17.534800
Town of Mount Pleasant	553400	13,982	142,780,965	230.323644
Town of New Castle	553600	6,703	1,065,375,856	17.475340
Town of North Castle	553800	4,793	116,236,017	155.863400
Town of North Salem	554000	2,482	146,582,255	33.102261
Town of Ossining	554200	10,169	257,517,106	58.713265
Town of Pelham	554400	3,691	2,698,331,757	3.676420
Town of Pound Ridge	554600	2,471	368,913,586	20.061500
Town of Rye	554800	11,091	6,141,245,975	3.650718
Town of Scarsdale*	555000	5,955	140,100,756	216.627300
Town of Somers	555200	9,184	497,081,609	26.568026
Town of Yorktown	555400	14,377	126,394,696	133.284000

\*



	B	C	D	E	F	G
1	6/2/2014	2014 SPECIAL DISTRICT TAX RATES (CITIES & TOWNS)				
	MUNICIPALITY	DISTRICT CODE	SPECIAL DISTRICT NAME	PARCELS	TAXABLE ASSESSED VALUE OR UNITS(S)	TAX RATE PER \$1,000 OR CHARGE PER UNIT
2	City of Mount Vernon	CS001	Hutchinson Valley County Sewer District	8,566	150,844,745.00	15.560000
3		CS002	Bronx River County Sewer District	2,715	42,537,257.00	15.560000
4		RF001	County Refuse Disposal District #1	11,281	159,791,272.00	9.020000
5		CR001	County Refuse District	16,057	291,474,408	11.541000
6	City of New Rochelle	CS000	New Rochelle Sewer District	11,805	261,652,893	50.227000
7		CS001	Mamaroneck Sewer District	1,790	33,323,093	19.566000
8		CS002	Hutchinson Valley Sewer District	2,463	40,206,103	20.292000
9		SD001	Peekskill County Sewer District	6,368	120,178,034	14.884500
10	City of Peekskill	CW001	County Refuse Disposal District #1	6,252	67,965,830	8.042400
11		TXREF	County Refuse Disposal District #1	4,935	140,101,716	17.608906
12	City of Rye	TXBBS	Blind Brook County Sewer District	4,326	140,390,701	29.865584
13		TXMVS	Mamaroneck Valley County Sewer District	609	18,114,965	29.808843
14		GA174	County Refuse Disposal District #1	14,079	296,332,440	9.140000
15		SB171	Bronx Valley County Sewer District	8,239	230,646,314	14.800000
16	City of White Plains	SM172	Mamaroneck Valley County Sewer District	5,862	176,588,595	15.530000
17		GW001	County Refuse Disposal District #1	36,461	557,425,596	10.900000
18		CS001	Bronx Valley Sewer District #1	19,525	367,021,443	17.710000
19		CS002	South Yonkers County Sewer District #2	3,628	90,891,529	18.380000
20	City of Yonkers	CS003	Central Yonkers Sewer District #3	3,629	70,329,069	20.700000
21		CS004	North Yonkers County Sewer District #4	4,007	82,741,311	19.540000
22		CS005	Saw Mill Valley County Sewer District #5	5,147	87,249,743	17.790000
23		AM001	Paramedic Dist. No. 1	6,268	583,338,785	0.571560
24	Town of Bedford	FD030	Bedford Village Fire District	2,063	226,232,257	4.142390
25		PD011	Bedford Village Park District	2,066	226,586,921	2.980040
26		LT010	Bedford Village Lighting Dist	494	41,430,220	0.352160
27		FD031	Bedford Hills Fire District	1,965	173,466,578	11.258570
28		PD012	Bedford Hills Park District	2,030	187,805,234	3.738480
29		LT011	Bedford Hills Light	937	48,441,685	0.724460
30		FD032	Katonah Fire District	2,224	168,938,149	7.613140
31		PD013	Katonah Park District	2,224	168,946,335	4.406220
32		LT012	Katonah Light District	930	50,485,830	0.565370
33		WD039	Cedar Downs Water District	84	3,342,402	13.413710
34		WD040	Consolidated Water District	2,463	126,313,346	12.124360
35		WD042	Farms Water District (Cap)	99	6,138,622	5.422060
36		WD041	Farms Water District (O&M)	95	5,350,673	9.324810
37		WD043	Old Post Road Water District	76	6,107,136	9.174680
38		FD033	Fire Protection District No. 1	79	14,704,401	4.934920
39		Town of Bedford	SD472	Ossining Sanitary Sewer	2,664	19,776,712
40	SD473		Peekskill Sanitary Sewer	1,561	14,277,672	32.480000
41	CW495		County Refuse Disposal #1	14,825	108,964,035	17.350000
42	FD411		Montrose Fire District	1,881	16,719,912	48.180000
43	FD412		Verplank Fire District	862	4,567,636	58.230000
44	FD413		Mohegan Fire District	6,852	44,597,345	93.840000
45	WD430		Montrose Water District	868	5,805,329	23.620000
46	PK481		Cort. Cont. Village Park	253	1,360,810	31.900000
47	FD415		Furnace Dock Road Fire Protection	165	1,369,806	37.560000
48	FD416		Mt. Airy Quaker Br. Rd. Fire Protection	652	6,723,336	58.310000
49	FD418		Continental Village Fire Protection	617	3,205,851	48.680000
50	WD457	Cortlandt Consolidated Water District	9,094	62,733,622	20.070000	
51	Town of Bedford	LT460	Montrose Lighting District	867	5,847,630	15.820000
52		LT451	Verplank Lighting District	856	3,914,988	7.160000
53						



# 2014/2015 SCHOOL DISTRICT TAX RATES

10/15/2014	SCHOOL DISTRICT SWIS CODE	SCHOOL DISTRICT NAME	NUMBER OF PARCELS	TAXABLE ASSESSED VALUE	TAX RATE PER 1,000
<b>MUNICIPALITY</b>					
City of Mount Vernon	550800	Mount Vernon City School District	11,281	124,801,238	880.150000000
City of New Rochelle	551000	New Rochelle City School District	16,071	266,740,126	728.684000000
City of Peekskill	551200	Peekskill City School District	6,060	56,845,845	668.773300000
	552203	Hendrick Hudson CSD	357	5,811,894	468.945100000
City of Rye	551400	Rye City School District	4,499	124,684,852	561.328000000
	554801	Rye Neck UFSD - Homestead	414	13,405,107	847.987786000
	554801	Rye Neck UFSD - Non-Homestead	22	307,671	1,096.677945000
City of White Plains	551700	White Plains City School District	14,080	278,335,896	600.220000000
City of Yonkers	551800	Yonkers City School District	36506	472,896,126	487.960000000
Town of Bedford	552002	Bedford CSD	3,962	403,149,715	134.178712000
	552001	Katonah-Lewisboro UFSD	1,957	174,104,003	193.318100000
	553801	Byram Hills CSD	31	2,166,550	139.619963000
Town of Cortlandt	552202	Croton-Harmon SD	3,813	31,839,113	1,145.540000000
	552202	Croton-Harmon Library	3,813	31,839,113	24.330000000
	552203	Hendrick Hudson CSD	5,324	38,570,674	994.740000000
	552203	Hendrick Hudson Library	5,324	38,570,674	19.880000000
	555401	Lakeland CSD	5,611	34,653,504	1,400.130000000
	552803	Putnam Valley CSD	512	2,585,340	1,316.870000000
	555402	Yorktown CSD	119	1,108,437	1,329.820000000
Town of Eastchester	552401	Eastchester UFSD	5,115	53,152,077	1,290.555400000
	552402	Tuckahoe UFSD	2,227	19,272,855	1,366.812100000
	552403	Bronxville UFSD	1,589	2,711,860,473	14.296000000
Town of Greenburgh	552601	UFSD of the Tarrytowns	3,129	44,554,911	722.383290196
	552602	Irvington UFSD	2,824	74,838,217	665.350589467
	552603	Dobbs Ferry UFSD	2,514	44,712,007	788.018621582
	552604	Hastings-On-Hudson UFSD	2,823	46,977,407	783.308914417
	552605	Ardsley UFSD	3,894	67,510,668	735.292598085
	552606	Edgemont UFSD	2,515	69,852,801	668.360130394
	552607	Greenburgh Central 7 SD	6,846	112,193,406	493.616733948
	552609	Elmsford UFSD	2,735	48,240,760	578.463934437
	553402	Potomac Hills CSD	553	27,961,069	279.170874921
	553405	Valhalla CSD	796	14,218,174	585.584036601
Town of Harrison	552801	Harrison CSD	6,975	135,936,590	732.583659000
Town of Lewisboro	553000	Katonah-Lewisboro UFSD	5822	303,998,481	203.927000000
Town of Mamaroneck	553201	Mamaroneck UFSD	8,473	8,379,665,708	13.758120000
	555001	Scarsdale UFSD	266	345,726,253	16.020630000

# 2014 CITY/TOWN TAX RATES

7/22/2014 MUNICIPALITY	SWIS CODE	PARCELS	UNINCORPORATED TAXABLE ASSESSED VAL	UNINCORPORATED TAX RATE PER 1,000	GENERAL TAXABLE ASSESSED VALUE	GENERAL TAX RATE PER 1,000
City of Mount Vernon	550800	11,281			152,910,735	367.940000
City of New Rochelle	551000	16,084			268,901,252	202.593000
City of Peekskill*	551200	6,395			61,839,156	238.371600
City of Rye	551400	4,937			138,126,937	150.380000
City of White Plains	551700	14,080			276,979,095	196.140000
City of Yonkers	551800	36,506			472,896,126	214.22
Town of Bedford	552000	6,296			577,191,217	19.827190
Town of Cortlandt**	552200	15,379	79,781,520	170.79000	106,988,706	31.830000
Town of Eastchester	552400	9,286	57,835,125	266.17400	104,760,180	33.441200
Town of Greenburgh	552600	28,629	291,103,075	194.89810	254,579,096	15.582900
Town of Harrison	552800	6,975			135,603,693	326.594970
Town of Lewisboro	553000	5,822			302,173,880	18.299330
Town of Mamaroneck	553200	8,739	3,696,089,147	3.62821	8,686,122,513	0.422350
Town of Mount Kisco	555600	2,796			See Village Tax Rate Table	
Town of Mount Pleasant	553400	13,982	107,445,134	112.563737	143,258,568	8.938931
Town of New Castle	553600	6,703			1,065,375,856	14.091754
Town of North Castle	553800	4,793			116,258,878	158.295000
Town of North Salem	554000	2,482			146,602,975	38.522407
Town of Ossining	554200	10,169	49,509,918	101.179222	258,552,497	12.315124
Town of Pelham	554400	3,691		Homestead	2,334,800,766	0.548500
				Non-Homestead	391,340,996	0.744500
Town of Pound Ridge	554600	2,471			368,913,586	13.666300
Town of Rye	554800	11,091		Homestead	4,656,961,386	0.043754
				Non-Homestead	1,528,272,027	0.063407
Town of Scarsdale	555000	5,955			See Village Tax Rate Table	
Town of Somers	555200	9,184			497,254,606	13.717295
Town of Yorktown	555400	14,377			126,394,411	147.318100

\*There is also a City Library tax

Taxable Assessed value	Tax Rate Per 1,000
63,498,073	12.363000

\*\*There is also a town library tax, which applies to the entire town except Village of Croton-on-Hudson.

Taxable Assessed Value	Tax Rate Per 1000
86,495,165	6.880000

Please note that the general town tax rate is charged throughout a town including villages, if any. The unincorporated tax rate is charged in town areas outside of villages in towns that have villages. Therefore, if you live in the unincorporated area of a town that has villages you must add the two rates together to compute your





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PLANNING, TRANSPORTATION, ENVIRONMENT AND DEVELOPMENT  
RYE, NEW YORK FAIRFIELD, CONNECTICUT

RYE

FAIRFIELD

HUDSON VALLEY

LONG ISLAND

## **TRAFFIC ACCESS & IMPACT STUDY**

### **Age-Restricted Residential Development 120 Old Post Road Rye, New York**



**Prepared for:**  
**Alfred Weissman Real Estate, Inc.**

**November 2014**



**FREDERICK P. CLARK ASSOCIATES, INC.**

PLANNING, TRANSPORTATION, ENVIRONMENT AND DEVELOPMENT  
RYE, NEW YORK                      FAIRFIELD, CONNECTICUT

RYE

FAIRFIELD

HUDSON VALLEY

LONG ISLAND

# **TRAFFIC ACCESS & IMPACT STUDY**

---

## **Age-Restricted Residential Development 120 Old Post Road Rye, New York**

### **PROJECT STAFF**

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**Executive Vice President/Principal-in-Charge**

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**Principal Engineer/Transportation**

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## **FREDERICK P. CLARK ASSOCIATES, INC.**

PLANNING, TRANSPORTATION, ENVIRONMENT AND DEVELOPMENT  
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November 25, 2014

Mr. Alfred Weissman

Mr. Alan Weissman

Alfred Weissman Real Estate, Inc.

120 Old Post Road

Rye, New York 10580

Gentlemen:

As requested, we have completed this Traffic Study for the proposed development of the subject property located at 120 Old Post Road in Rye, New York. The proposal is to demolish the existing, but mostly vacant office building comprising 70,000 square feet and construct a 135-unit residential, age-restricted, development. Access will remain to Playland Access Drive, essentially at the same location, and immediately south of the unsignalized intersection with Old Post Road.

The results of this Traffic Analysis indicate a development of this type and size will generate 27 and 34 vehicle trip ends during a typical weekday morning and weekday afternoon peak hour, respectively. This is based on trip generation rates provided by the Institute of Transportation Engineers (ITE). For comparison purposes, the existing office building, if fully occupied with a variety of commercial tenants, could generate 109 and 104 vehicle trip ends during the same weekday morning and weekday afternoon peak hours, respectively. Therefore, the redevelopment of the subject property as a residential development will result in a significant reduction in site traffic, with a decrease of 82 and 70 vehicle trip ends during the weekday morning and weekday afternoon peak hours, respectively.

The results of the analyses indicate that area roadways, although certain roadways approaches to intersections experience short-term delays during peak hours, each location will continue to operate with no change in Level of Service, except for an overall decrease in Level of Service at the signalized intersection of Theodore Fremd Avenue and Playland Access Drive from "B" to "C" during the weekday morning peak hour. However, this change in Level of Service will result in an overall increase in average vehicle delay per vehicle of only 0.3 seconds, which is considered insignificant. The results of

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Mr. Alfred Weissman

Mr. Alan Weissman

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November 25, 2014

these analyses and a comparison between a background and combined conditions, which includes the proposed residential development, indicate that traffic control and pavement markings at each of these intersections should remain unchanged as no modifications are necessary to accommodate this residential development. Any approach with a Level of Service "F" will have a maximum increase in average delay of 7.2 seconds, which occurs during the morning peak hour.

This Traffic Study incorporates traffic related to a proposed residential development to be located on Theodore Fremd Avenue and potential development to be generated by Playland in the future.

Sincerely,

A handwritten signature in cursive script that reads "Michael A. Galante". To the right of the signature, the letters "TD" are printed.

Michael A. Galante  
Executive Vice President

Enclosure



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## **SUMMARY**

The purpose of this Traffic Report is to provide the City of Rye with a detailed analysis of potential impacts from this proposed development on adjacent roadways and nearby intersections in the designated Study Area. The proposal is to demolish the existing, but mostly vacant, office building comprising 70,000 square feet of space and construct an age-restricted residential development which will have 135 units. Access will remain the same from Playland Access Drive to the immediate south of the Old Post Road STOP sign-controlled intersection.

The Traffic Study is based on traffic volumes obtained in 2012 through 2014. These volumes were obtained by Frederick P. Clark Associates, Inc. and other Traffic Consultants for different nearby projects.

In this Traffic Study it addresses traffic conditions for existing, no-build and build peak hour volumes near the site. It includes the weekday morning and weekday afternoon peak hours. Under the no-build condition it includes other developments, as well as an appropriate growth rate.

The proposal is to demolish the existing, but mostly vacant, office building and construct the age-restricted development, as noted above. To estimate site traffic for the proposed development trip generation rates were obtained from the Institute of Transportation Engineers (ITE) in "Trip Generation," 9th Edition, published 2012. Based on these trip generation rates it is estimated a development of this type and size will generate 27 and 34 vehicle trip ends during the typical weekday morning and weekday afternoon peak hours, respectively. For comparison purposes the current 70,000 square-foot office building, if it was to be fully reoccupied, could generate 109 and 104 vehicle trip ends during the same weekday morning and weekday afternoon peak hours, respectively. Therefore, the proposed residential development would result in a decrease

in site traffic generation of 82 and 70 vehicle trip ends during the weekday morning and weekday afternoon peak hours, respectively. This is a significant reduction in site traffic generation potential directly related to the change in land use from an office building to a residential development.

The results of the capacity analysis for existing conditions indicate the Theodore Fremd Avenue/Playland Access Drive signalized intersections operates at an acceptable overall Level of Service "B" during peak hours. During the weekday morning peak hour motorists experience delays at the unsignalized intersection of Playland Access Drive /Playland Parkway/Medical Building, Old Post Road at Playland Access Drive and Old Post Road at Thruway Access Drive. All of the Study Area intersections operate at acceptable Levels of Service during the weekday afternoon peak hour. Similar results are found for 2016 background conditions. In both existing and background conditions analyses the office building located on the site is considered vacant.

Under a future combined condition, which includes the proposed residential development, each of these unsignalized intersections will continue to operate at acceptable Levels of Service, except for some Levels of Service "E" or "F" identified in a background condition. A comparison of the background and combined traffic conditions for each of these intersections indicate that Levels of Service will remain unchanged, except for change from an overall Level of Service "B" to "C" at the signalized intersection of Theodore Fremd Avenue at Playland Access Drive, with an insignificant overall delay due to the residential development of 0.3 seconds per vehicle during this one peak hour. Results of the analyses for the weekday afternoon peak hour indicate Levels of Service will remain the same at each of the unsignalized intersections and at each of the lane groups or approaches with minimal, if any, increase in average vehicle delay due to the proposed residential development.

Based on the results of these analyses it is recommended that the current traffic control and pavement markings at each of these locations remain unchanged. The analysis indicates that the added site traffic for a residential development is insignificant and will not change the overall operation of any of the intersections in the Study Area. In addition, there is a significant benefit of converting this office building to a residential development, which results in a significant decrease in site traffic generation during the key weekday morning and weekday afternoon peak hours.

The results of these analyses have been compared to field observations at each of these locations during both the weekday morning and weekday afternoon peak hours. It is noted that motorists do experience short-term delays at the Playland Parkway off ramp to Playland Access Drive and on the Playland Access Drive and Thruway Access Drive approaches to Old Post Road during peak hours. However, based on the results of this analysis each intersection should maintain STOP control. Any consideration for signalization, if warranted, at the Playland Parkway ramps to Playland Access Drive may actually result in an increase in delays, which could impact the mainline of Playland Parkway (southbound lanes).

At the Old Post Road intersection at Playland Access Drive and Thruway Access Drive it is likely that either location would meet the minimum standards for consideration for traffic signals.



## **INTRODUCTION**

The purpose of this report is to provide the City of Rye with an analysis of current operations on the surrounding roadway network and nearby intersections and the potential impact of removing the existing 70,000 square-foot office building and constructing a 135 age-restricted residential unit development at 120 Old Post Road.

This analysis addresses traffic conditions surrounding the subject property for a typical weekday morning and weekday afternoon peak hour condition. It addresses traffic conditions along Playland Access Drive, Old Post Road, Theodore Fremd Avenue and the Access Ramps to Playland Parkway. It includes an evaluation of current and future background and combined traffic volumes at the nearby intersections for both the weekday morning and weekday afternoon peak hours.

### **Project Description**

The existing office building comprises 70,000 square feet of gross floor area. At the time of the traffic counts, the building was mostly vacant, with minimal traffic generated throughout the day.

The proposal is to demolish this building and construct a 135-unit, age-restricted residential development. Access for the existing building will remain unchanged, with full access to Playland Access Drive.

## EXISTING CONDITIONS

This section of the report describes the current traffic volumes obtained through actual manual traffic volume counts and volumes provided by others at nearby intersections. In this section of the report there is a description of existing roadway conditions, traffic control, site access, capacity analysis procedures and the results of these analyses.

### Roadways

The site is located in the northwest corner of the T-type intersection of Playland Access Drive and Old Post Road. The following is a description of the roadways serving the subject property.

1. *Playland Access Drive* – This is a two-lane, County-maintained roadway, beginning to the northwest at the signalized intersection with Theodore Fremd Avenue. It intersects with the southbound ramps for Playland Parkway, provides access to the subject property and terminates at an unsignalized intersection with Old Post Road. It has a posted speed limit of 30 miles per hour, provides a double yellow centerline, curbs and paved shoulders in certain sections. Sidewalks are not provided on this roadway.
2. *Old Post Road* – It is a generally both a north-south and east-west, County-maintained roadway. This roadway begins to the southwest at a Y-type intersection with Boston Post Road (U.S. Route 1), continues in an easterly direction intersecting with Playland Access Drive, the Playland Parkway Northbound Ramps and continues to the northeast terminating again at T-type intersection with Boston Post Road (U.S. Route 1). The section of Old Post Road between the intersection of North Street and northerly intersection with Boston Post Road is a one-way, one-lane roadway limited to westbound movements.

The Old Post Road/southerly intersection with Boston Post Road intersection is controlled with a traffic signal, which is maintained by the City of Rye. Other intersections are controlled with STOP signs at the Playland Access Drive southbound and the Thruway Access Road southbound approaches. The westbound approach of Old Post Road at North Street is controlled with STOP signs on both approaches. The posted speed limit on this roadway is 30 miles per hour. It provides a double yellow centerline, curbing and sidewalks in certain sections.

3. *North Street* – North Street is a north-south, County-maintained roadway, which begins at the Old Post Road intersection immediately north of the Playland Parkway northbound ramps intersection. This road continues in a northerly direction intersecting with Theodore Fremd Avenue, providing an overpass over Interstate 95 and continuing north to the Hutchinson River Parkway. It is a two-lane road maintained by the County to the intersection of Harrison Avenue. From this intersection to the Parkway it is designated New York Route 127. For its entire length it provides a double yellow centerline. It has a posted speed limit of 30 miles per hour in the Study Area.
4. *Theodore Fremd Avenue* – This is an east-west, County-maintained roadway. It provides one travel lane in each direction and a center turning lane for its entire length between the Harrison Village/Town line to the west and the intersections with North Street to the northeast and ends at Purchase Street. It has a posted speed limit of 30 miles per hour, provides sidewalks generally along the southerly side for its entire length, with sidewalks in the vicinity of the North Street intersection on the northerly side. The intersections with North Street and Theodore Fremd Avenue are controlled with traffic signals, which are maintained by the City of Rye.

5. *Playland Parkway* – This is a generally north-south, limited-access arterial, beginning at Interchange 19 on the New England Thruway (Interstate 95) and terminating to the southeast at Playland, which is a County-owned Park. A full-movement interchange provides access to Playland Access Drive and Old Post Road/North Street near the site. Playland Parkway provides two travel lanes in each direction and is median divided to a point south of the Boston Post Road Overpass. There are bridges at Old Post Road and Boston Post Road providing continuous traffic flow on Playland Parkway.
6. *New England Thruway (Interstate 95)* – This is a north-south, limited-access, Interstate Highway serving Westchester County. It provides three lanes in each direction and is median divided. The posted speed limit is 55 miles per hour for vehicles and 50 miles per hour for trucks. Access is provided to the Study Area via Interchange 19, which provides ramps in both directions on Interstate 95. These ramps connect directly to Playland Parkway, which provides direct to Playland Access Drive and Old Post Road.

Figure 1 provides a reference of the site location for all of the roads described above. Figure 2 provides the current street system characteristics for each of these roads, as described above. Photographs of the area roads are included in the Appendix of this report.

### **Traffic Volumes**

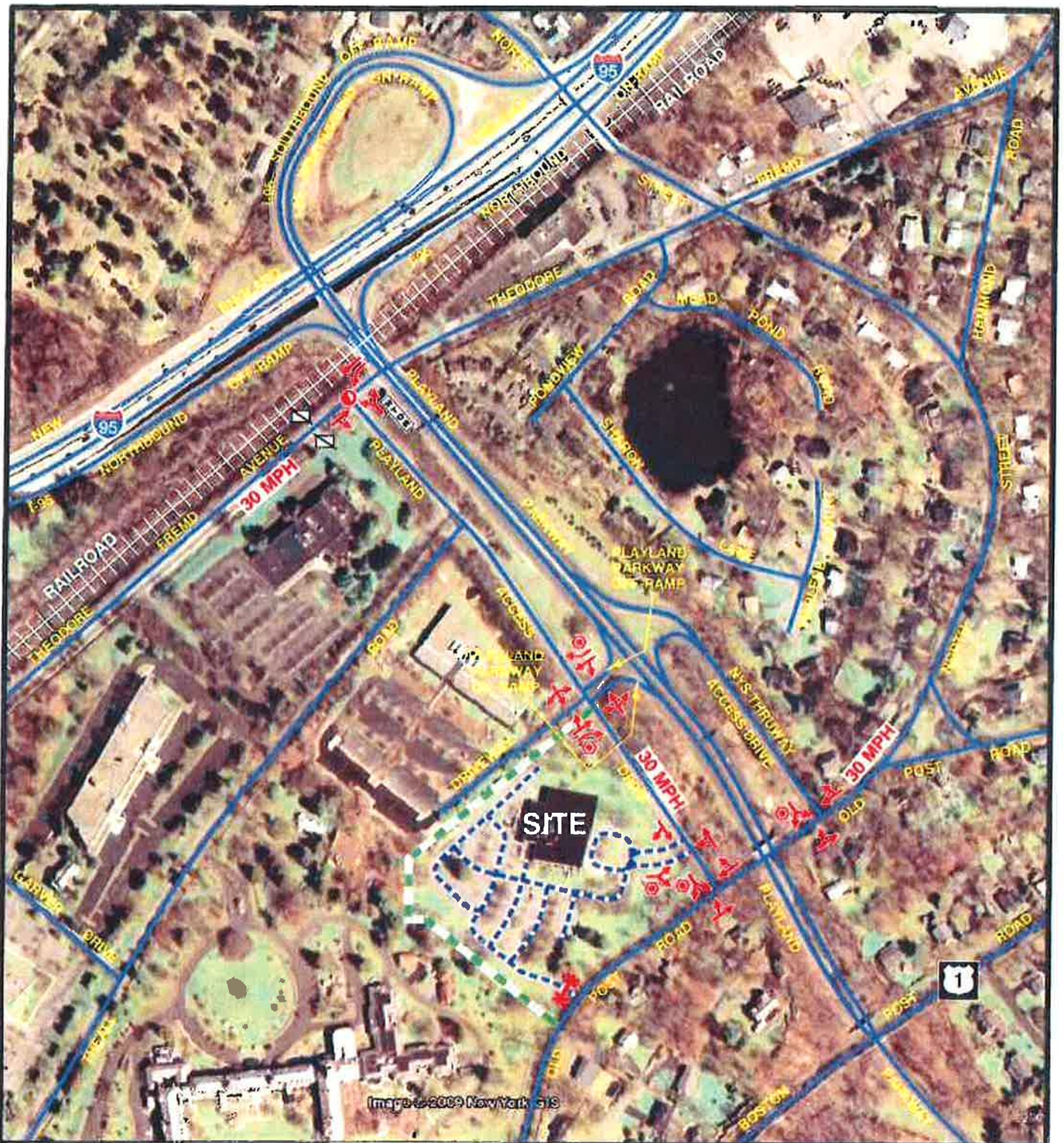
To identify baseline conditions for area roads, 2014 traffic volumes available in the Traffic Study completed for the proposal to develop 150 North Street were used for the following intersections during the weekday morning peak hour:

- Theodore Fremd Avenue at Playland Access Drive;


















**LEGEND**

-  TRAFFIC LANE
-  TRAFFIC SIGNAL
-  STOP SIGN
-  NO TURN ON RED
-  BUS STOP (BEE-LINE BUS #61)
-  SPEED LIMIT
-  SITE ACCESS DRIVE
-  CLOSED SITE ACCESS DRIVE
-  PROPERTY LINE

**CURRENT STREET SYSTEM  
CHARACTERISTICS**

**AGE-RESTRICTED RESIDENTIAL  
DEVELOPMENT**  
120 Old Post Road  
Rye, New York

**FREDERICK P. CLARK ASSOCIATES, INC.**  
Planning/Development/Environment/Transportation

Not to Scale

Date: 11/3/14



**2**



- Playland Access Drive at Playland Parkway Eastbound On/Off Ramps/Medical Office Building Access Drive; and,
- Old Post Road at Playland Parkway Northbound On/Off Ramps.

The 2012 existing traffic volumes from the Office to Hotel Building Conversion Traffic Study prepared by Frederick P. Clark Associates, Inc. were adjusted and balanced to the most recent traffic data for the site access drive. For the intersection of Old Post Road at Playland Access Road, manual turning movement counts were conducted by Frederick P. Clark Associates on Thursday, October 30, 2014 from 7:00 A.M. to 9:00 A.M. These volumes were adjusted where appropriate to the surrounding intersection volumes to generate the 2014 existing traffic volumes for a weekday morning peak hour. The highest volumes found at each intersection were used.

For the weekday afternoon peak hour existing traffic volumes for 2013 obtained from a Playland Traffic Study were used for the four Study Area intersections. The 2012 existing traffic volumes from the Office to Hotel Building Conversion Traffic Study prepared by Frederick P. Clark Associates, Inc. were adjusted, as needed, at the site frontage. A one percent growth rate was applied to these volumes to the baseline year, 2014.

Based on the results of the field surveys, the peak hour volumes were identified to occur during the following time periods:

- Weekday morning – Vary by intersection; and,
- Weekday afternoon – 4:45 to 5:45 P.M.

Old Post Road, east of Playland Parkway Northbound On/Off Ramps, had a two-way volume of 380 and 399 vehicles during the two peak hours noted above. On Old Post Road west of the same intersection the two-way volume was recorded at 878 and

699 vehicles during the same two peak hours. For the section of Old Post Road west of the Playland Access Drive the two-way volume was 665 and 417 vehicles during the two peak hours noted above. Playland Access Drive, north of Old Post Road the two-way volume was 541 and 512 vehicles during the two peak hours noted above

Theodore Fremd Avenue, west of the Playland Access Drive intersection had a two-way volume of 681 and 669 vehicles during the two peak hours noted above. For the section east of the Playland Parkway Access Drive the two-way volume was found to be 628 and 617 vehicles during the same peak hours noted above.

For reference purposes, the medical office building access drive intersection with Playland Access Drive had a driveway volume of 195 and 101 vehicles during the two peak hours. The site driveway had a two-way volume of 4 and 6 vehicles during the two peak hours. Table 1 provides a summary of the volumes noted above. Figures 3 and 4 show the peak hour volumes for the weekday morning and weekday afternoon peak hours, respectively. The field sheets for the 2014 traffic counts at the Old Post Road/Playland Access Road intersection are included in the Appendix of this report

### **Accident Experience**

The latest available accident data was obtained from the City of Rye Police Department for a period beginning January 1, 2011 through December 31, 2013 for Playland Access Road and Old Post Road. For the intersection of Playland Access Road at Theodore Fremd Avenue, there were a total of 7 accidents recorded during this three-year period. Data indicates that 57 percent of the accidents were limited to only property damage and 43 percent involved injuries. The collision types were 86 percent involving a rear-end collision and 14 percent involved a left turn collision. The contributing factors were 44 percent unknown and 14 percent were driver fell asleep, pavement slippery, traffic control disregarded and driver inattention. It was found that 86 percent of the accidents occurred during daylight hours and 57 percent occurred on dry road conditions.

Table 1  
2014 TWO-WAY TRAFFIC VOLUMES – PEAK HOURS  
Age-Restricted Residential Development  
120 Old Post Road  
Rye, New York

LOCATION	VEHICLES	
	Weekday Morning	Weekday Afternoon
Playland Parkway Northbound On/Off Ramps, North of Old Post Road	800	606
Old Post Road, East of Playland Parkway Northbound On/Off Ramps	380	399
Old Post Road, West Playland Parkway Northbound On/Off Ramps	878	699
Playland Access Drive, North of Old Post Road	541	512
Old Post Road, East of Playland Access Drive	878	699
Old Post Road, West of Playland Access Drive	665	417
Office Building Access Drive, West of Playland Access Drive	4	6
Playland Access Drive, South of Office Building Access Drive	541	512
Playland Access Drive, North of Office Building Access Drive	541	510
Playland Parkway Southbound On/Off Ramp, East of Playland Access Drive	791	448
Medical Office Building Access Drive, West of Playland Access Drive	195	101
Playland Access Drive, South of Playland Parkway Southbound On/Off Ramp/Medical Office Building Access Drive	541	507
Playland Access Drive, North of Playland Parkway Southbound On/Off Ramp/Medical Office Building Access Drive	939	622
Playland Access Drive, South of Theodore Fremd Avenue	585	448
Theodore Fremd Avenue, West of Playland Access Drive	681	669
Theodore Fremd Avenue, East of Playland Access Drive	628	617

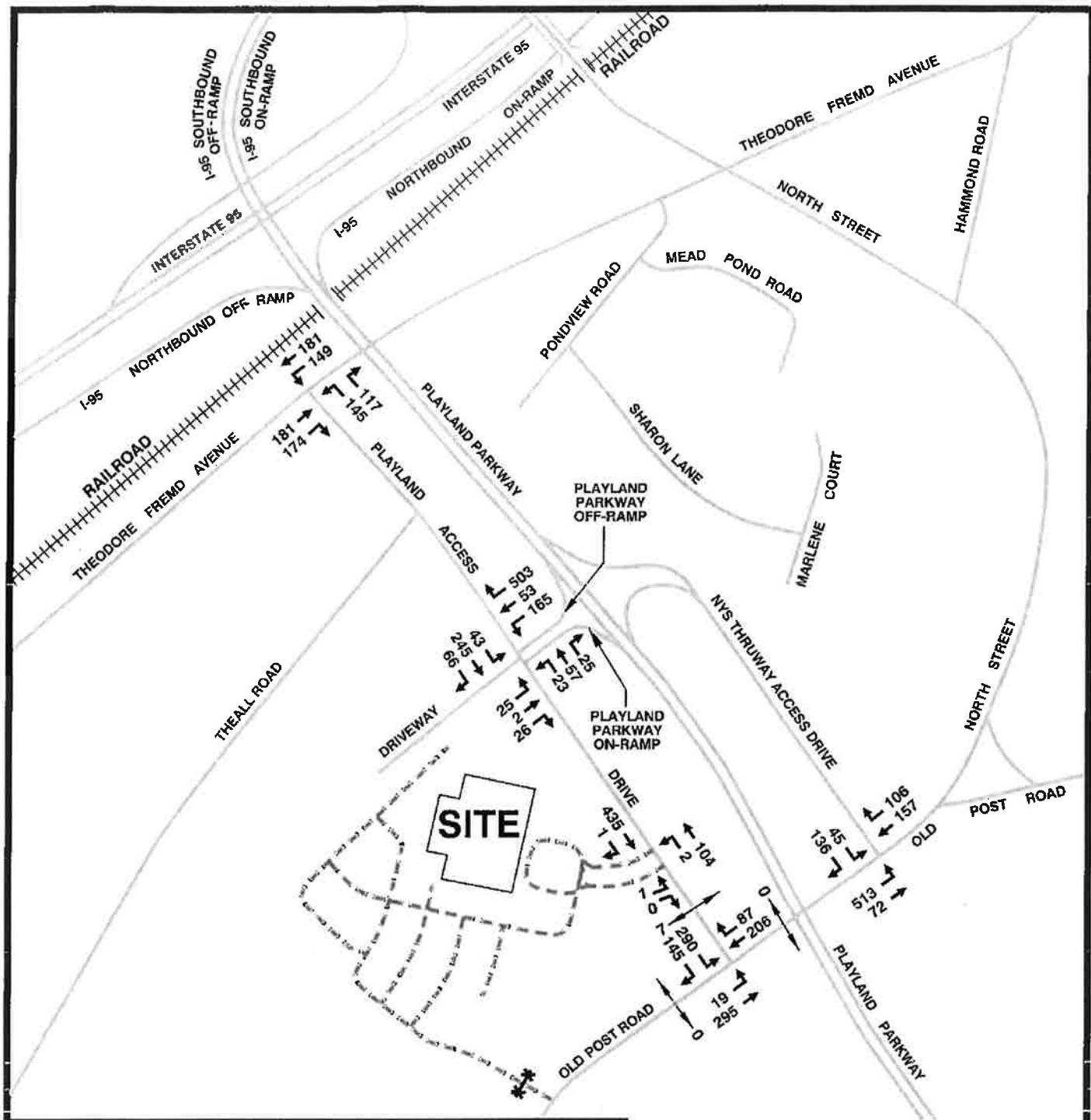
## Table 1 Cont'd

### Source:

- 1) 2014 traffic volumes from Tim Miller Associates, Inc. Traffic Study for 150 North Street were utilized for the Playland Parkway Southbound Ramps at Playland Access Drive, Theodore Fremd Avenue at Playland Access Drive and Playland Parkway Northbound On/Off Ramps at Old Post Road intersections for the weekday morning peak hour.
- 2) 2012 existing traffic volumes from the office to hotel building conversion traffic study prepared by Frederick P. Clark Associates, Inc. were adjusted and balanced to the Tim Miller Associates, Inc. volumes for the site access drive for the weekday morning peak hour.
- 3) Manual turning movement counts conducted by Frederick P. Clark Associates, Inc. on Thursday, October 30, 2014 from 7:00 A.M. to 9:00 A.M. at the Old Post Road/Playland Access Drive intersection.
- 4) 2013 existing traffic volumes with the park open from Playland, Year One Development Program, prepared by John Meyers Consulting, P.C., October, 2013, were utilized for the weekday afternoon peak hour. These volumes had a one percent growth rate applied to the baseline year, 2014.

Frederick P. Clark Associates, Inc.

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10/31/14



#### Notes:

- 1- The 2014 Traffic Volumes from Tim Miller Associates, Inc. Traffic Study for 150 North Street, were utilized for the Playland Parkway Southbound Ramps at Playland Access Drive, Theodore Fremd Avenue at Playland Access Drive and Old Post Road at New York State Thruway Access Drive Intersections. Peak Hour of each intersection was used.
- 2- The 2012 Existing Traffic Volumes from the Office To Hotel Building Conversion Traffic Study prepared by Frederick P. Clark Associates, Inc. were adjusted and balanced to the Tim Miller Associates, Inc. volumes for the Site Access Drive.
- 3- Manual turning movement counts conducted by Frederick P. Clark Associates, Inc. on Thursday, October 30, 2014 from 7:00 to 9:00 A.M. for Old Post Road at Playland Access Road. Peak Hour of this intersection is utilized.

#### LEGEND

- 0 PEDESTRIAN TRAFFIC
- SITE ACCESS DRIVE
- CLOSED SITE ACCESS DRIVE

#### 2014 EXISTING TRAFFIC VOLUMES WEEKDAY MORNING PEAK HOUR

**AGE-RESTRICTED RESIDENTIAL  
DEVELOPMENT**  
120 Old Post Road  
Rye, New York



FREDERICK P. CLARK ASSOCIATES, INC.  
PLANNING, TRANSPORTATION, ENVIRONMENT AND DEVELOPMENT  
RYE, NEW YORK FAIRFIELD, CONNECTICUT

**3**

Not to Scale

Date: 11/3/14



- 1- 2013 Existing Traffic Volumes with the Park open from Playland, Year One Development Program, prepared by John Meyer Consulting, P.C. October, 2013, were utilized.
- 2- A one percent growth rate was applied to the baseline year, 2014.

### LEGEND

Level 100 East 100th St. **SITE ACCESS DRIVE**



**CLOSED SITE ACCESS DRIVE**

**2014 EXISTING TRAFFIC VOLUMES  
WEEKDAY AFTERNOON PEAK HOUR  
(4:45 - 5:45 P.M.)**

**AGE-RESTRICTED RESIDENTIAL  
DEVELOPMENT**  
120 Old Post Road  
Rye, New York



**FREDERICK P. CLARK ASSOCIATES, INC.**  
PLANNING, TRANSPORTATION, ENVIRONMENT AND DEVELOPMENT  
RYE, NEW YORK                      FAIRFIELD, CONNECTICUT

**Not to Scale**

Date: 11/3/14

4



For the section of Playland Access Road between Theodore Fremd Avenue and Playland Parkway Southbound On/Off Ramp/Medical Office Building Access Drive, there were a total of 11 accidents recorded during this three-year period. Data indicates that 82 percent of the accidents were limited to only property damage and 18 percent involved injuries. The collision types were 55 percent involving a rear-end collision, 27 percent were right angle collisions and 9 percent involved left turn and right turn collision. The contributing factors were 55 percent driver inattention and 9 percent were following too closely, failure to grant right-of-way, unknown and view obstructed. It was found that all of the accidents occurred during daylight hours and 55 percent occurred on dry road conditions.

For the intersection of Playland Access Road at Playland Parkway Southbound On/Off Ramp/Medical Office Building Access Drive, there were a total of 18 accidents recorded during this three-year period. Data indicates that 83 percent of the accidents were limited to only property damage and 17 percent involved injuries. The collision types were 44 percent involving a right angle collision, 21 percent involved left turn collision, 17 percent involved a rear-end collision and 6 percent involved right turn collision, sideswipe in the same direction and backing. The contributing factors were 38 percent for failure to grant right-of-way, 33 percent driver inattention, 11 percent were unknown and 6 percent involved pavement slippery, traffic control disregarded and unsafe backing. It was found that 89 percent of the accidents occurred during daylight hours and on dry road conditions. For the section of Playland Access Road between Playland Parkway Southbound On/Off Ramp/Medical Office Building Access Drive and Site Access Drive, there were no recorded accidents.

For the intersection of Playland Access Road at Site Access Drive, there were no recorded accidents. For the section of Playland Access Road between Site Access Drive and Old Post Road, there were no recorded accidents.

For the intersection of Old Post Road at Playland Access Road, there were a total of 3 accidents recorded during this three-year period. Data indicates that all of the accidents were limited to only property damage. The collision types were 67 percent involving a rear-end collision and 33 percent involved a left turn collision. The contributing factors were 34 percent for following too closely and 33 percent were failure to grant right-of-way and traffic control disregarded. It was found that 67 percent of the accidents occurred during daylight hours and 33 percent occurred on dry road conditions. For the section of Old Post Road between Playland Access Road and Playland Parkway Northbound On/Off Ramps, there were no recorded accidents.

For the intersection of Old Post Road at Playland Parkway Northbound On/Off Ramps, there were a total of 3 accidents recorded during this three-year period. Data indicates that 67 percent of the accidents were limited to only property damage and 33 percent involved injuries. The collision types were 67 percent involving a rear-end collision and 33 percent involved a left turn collision. The contributing factors were 67 percent for following too closely and 33 percent were failure to grant right-of-way. It was found that all of the accidents occurred during daylight hours and on dry road conditions. Table 2 provides a more detailed summary of the accident data

### **Capacity Analysis Procedures**

Capacity analysis procedures are provided in the Appendix of this report. The analyses follow a SYNCHRO computer model and information provided by the Transportation Research Board (TRB) and the Highway Capacity Manual (HCM) published in 2010.

### **Capacity Analysis Results**

The results of the analysis for the Study Area intersections included in the designated Study Area are described below:

Table 2  
ACCIDENT EXPERIENCE SUMMARY - PLAYLAND ACCESS ROAD/OLD POST ROAD  
Age-Restricted Residential Development  
120 Old Post Road  
Rye, New York

ACCIDENT CHARACTERISTICS	PLAYLAND ACCESS ROAD												OLD POST ROAD																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																										
	At Theodore Fremd Avenue				Between Theodore Fremd Avenue and Playland Parkway Southbound On/Off Ramp/Medical Office Building Access Drive				At Playland Parkway Southbound On/Off Ramp/Medical Office Building Access Drive				Between Playland Parkway Southbound On/Off Ramp/Medical Office Building Access Drive and Site Access Drive				At Site Access Drive				Between Site Access Drive and Old Post Road				At Playland Access Road				Between Playland Access Road and Playland Parkway Northbound On/Off Ramps				At Playland Parkway Northbound On/Off Ramps																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						
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Table 2 Cont'd

ACCIDENT CHARACTERISTICS	PLAYLAND ACCESS ROAD										OLD POST ROAD							
	At Theodore Fremd Avenue		Between Theodore Fremd Avenue and Playland Parkway Southbound On/Off Ramp/Medical Office Building Access Drive		At Playland Parkway Southbound On/Off Ramp/Medical Office Building Access Drive		Between Playland Parkway Southbound On/Off Ramp/Medical Office Building Access Drive and Site Access Drive		At Site Access Drive		Between Site Access Drive and Old Post Road		At Playland Access Road		Between Playland Access Road and Playland Parkway Northbound On/Off Ramps		At Playland Parkway Northbound On/Off Ramps	
	Total	%	Total	%	Total	%	Total	%	Total	%	Total	%	Total	%	Total	%	Total	%
Weather Conditions	4	57	5	46	15	83	0	0	0	0	0	0	2	67	0	0	2	67
■ Clear	1	14	1	9	3	17	0	0	0	0	0	0	0	0	0	0	1	33
■ Cloudy	2	29	4	36	0	0	0	0	0	0	0	0	1	33	0	0	0	0
■ Rain	0	0	1	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0
■ Snow																		

Source: Rye Police Department

Notes: The latest accident data available is from January 1, 2011 to December 31, 2013.

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1. *Theodore Fremd Avenue at Playland Access Drive* – Results of the analysis of this signalized intersection indicate it is currently operating at an overall Level of Service “B” during both the weekday morning and weekday afternoon peak hours. It includes a fixed time westbound left turn leg, which should be modified.
2. *Playland Access Drive at Playland Parkway Eastbound On/Off Ramp/Medical Office Building Access Drive* – Results of the analysis of this unsignalized intersection indicate it is currently operating at a Level of Service “E” and “C” or better during the weekday morning and weekday afternoon peak hours, respectively.
3. *Playland Access Drive at Office Building Access Drive* – Results of the analysis of this unsignalized intersection indicate it is currently operating at a Level of Service “B” or better during each peak hour analyzed.
4. *Old Post Road at Playland Access Drive* – Results of the analysis of this unsignalized intersection indicate it is currently operating at a Level of Service “F” and “D” or better during the weekday morning and weekday afternoon peak hours, respectively. This reflects conditions exiting from the STOP sign.
5. *Old Post Road at Thruway Access Drive* – Results of the analysis of this unsignalized intersection indicate it is currently operating at a Level of Service “F” and “D” or better during the weekday morning and weekday afternoon peak hours, respectively. This represents conditions exiting the ramp.

Table 3 provides a more detailed summary of the results of the analyses, as described above. This table includes the type of control, lane group/movement, description, the Level of Service, average vehicle per vehicle and the volume to capacity ratio. The capacity analysis worksheets are included in the Appendix of this report.

Table 3  
2014 EXISTING CONDITIONS – MEASURE OF EFFECTIVENESS (MOE) – PEAK HOURS  
Age-Restricted Residential Development  
120 Old Post Road  
Rye, New York

INTERSECTION	CONTROL TYPE	PHYSICAL UNITS	2014 EXISTING CONDITIONS			
			Weekday Morning		Weekday Afternoon	
			LOS/ Delay	V/C Ratio	LOS/ Delay	V/C Ratio
Theodore Fremd Avenue at Playland Access Drive	Traffic Signal	EB TR APP.	B/18.2	0.48	B/17.6	0.40
		WB L T APP.	B/18.2	--	B/17.6	--
		NB LR APP.	B/11.4	0.28	A/9.2	0.14
		Overall	A/9.0	0.18	A/9.3	0.21
			B/10.1	--	A/9.3	--
			C/33.3	0.55	C/33.2	0.54
			C/33.3	--	C/33.2	--
Playland Access Drive at Playland Parkway Eastbound On/Off Ramp/Medical Office Building Access Drive	TWSC	EB L	B/19.6	--	B/19.5	--
		T	E/37.1	0.33	C/17.5	0.19
		R	E/37.1	0.33	C/17.5	0.19
		WB L	E/37.1	0.33	C/17.5	0.19
		T	D/26.5	0.60	C/20.9	0.43
		R	D/26.5	0.60	C/20.9	0.43
		NB L	B/13.5	0.58	B/10.2	0.29
Playland Access Drive at Office Building Access Drive	TWSC	SB L	A/0.2	0.02	A/0.1	0.01
			A/0.3	0.03	A/0.4	0.04
Old Post Road at Playland Access Drive	TWSC	EB L	B/12.3	0.00	B/11.3	0.01
		R	A/0.0	0.00	B/11.3	0.01
		NB L	A/0.0	0.00	A/0.0	0.00
Old Post Road at Thruway Access Drive	TWSC	EB L	A/0.2	0.02	A/0.1	0.01
		SB L	F/51.7	0.92	D/25.6	0.75
		R	F/51.7	0.92	D/25.6	0.75
Old Post Road at Thruway Access Drive	TWSC	EB L	A/4.9	0.46	A/3.9	0.38
		SB L	F/69.8	0.85	D/26.9	0.32
		R	F/69.8	0.85	D/26.9	0.32

Notes:

- Synchro 8.0 is used for capacity analysis.
- Level of Service determining parameter is called the service measure.
- For Signalized Intersections: Level of Service/Average Total delay per vehicle (seconds/vehicle).
- TWSC = Two-Way STOP Control.
- For TWSC Intersections: Level of Service/Average Control delay per vehicle (seconds/vehicle).



### Table 3 Cont'd

- ITE publication for Traffic Access and Impact Studies for site development "A Recommended Practice" indicated that overall Level of Service ratings of A to D are normally considered acceptable for signalized intersections (Level C or better are considered desirable). Levels of Service E and F are normally undesirable.
- V/C ratio indicates the amount of congestion for each Lane Group or Movement. Any V/C ratio greater than or equal to one indicates that the Lane Group or Movement is operating at above capacity.
- Physical Units consist of the following:
  1. Lane Group, Approach and Intersection Overall for Traffic Signal Controlled Intersections.
  2. Movements for TWSC Intersections.

NB = Northbound

EB = Eastbound

SB = Southbound

WB = Westbound

L = Left Turn

T = Through

R = Right Turn

APP. = Approach

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## **FUTURE TRAFFIC IMPACTS**

In this section of the report there is a description of the background and combined traffic volumes for a 2016 condition at each of the intersections included in the designated Study Area for the weekday morning and weekday afternoon peak hours. It includes a description of site traffic generation, distribution and assignment of site traffic and results of capacity analyses for a background and combined condition. A comparison of the results of these analyses indicates the potential impact to area roads and intersections. Capacity analyses were conducted to determine impact and if any mitigation is needed.

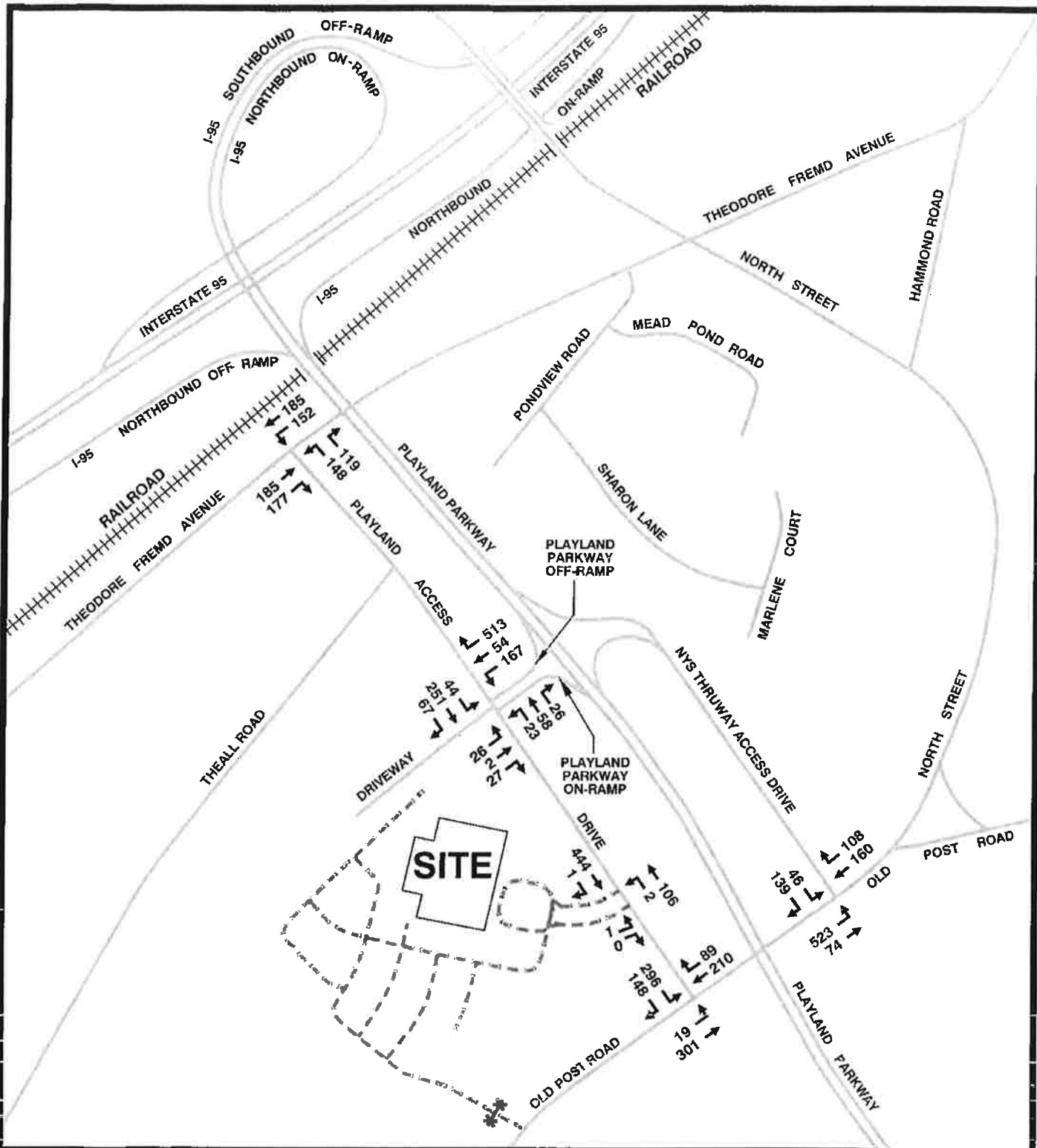
### **Background Traffic Volumes**

The baseline traffic volumes for 2014 were expanded to reflect a 2016 condition by applying an annual growth rate of one percent. The volumes for this condition are graphically illustrated in Figures 5 and 6 for the peak hours noted above.

In addition to a general growth rate for traffic in the surrounding area, field observations and discussions with the City of Rye Planning department identified the following other developments:

- 58 Attached Senior Residential units at 150 North Street, Traffic Study prepared by Tim Miller Associates, Inc.;
- Year One Development Program, Playland, Traffic Study prepared by John Meyer Consulting, P.C. October, 2013; and,
- 5,000 square-feet of vacant office space located at 555 Theodore Fremd Avenue. This traffic is included in the growth rate.

For planning purposes no additional traffic was added during the weekday morning peak hour for the Year One Development Program, Playland. Figures 7 and 8



Note: An annual growth rate of one percent was employed to the horizon year 2016.

**LEGEND**

- SITE ACCESS DRIVE
- CLOSED SITE ACCESS DRIVE

**2016 PROJECTED TRAFFIC VOLUMES  
WEEKDAY MORNING PEAK HOUR**

**AGE-RESTRICTED RESIDENTIAL  
DEVELOPMENT  
120 Old Post Road  
Rye, New York**

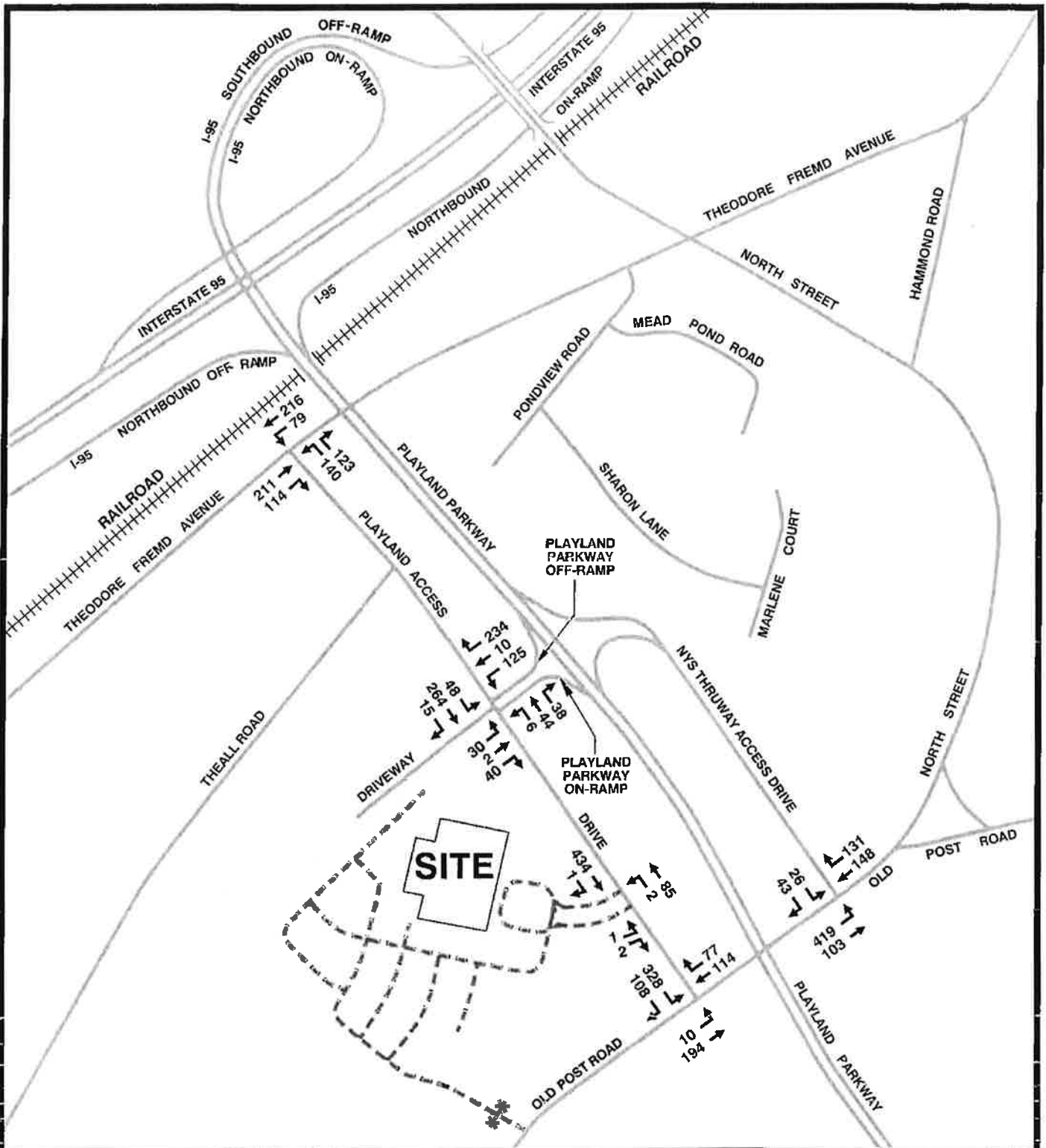


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Note: An annual growth rate of one percent was employed to the horizon year 2016.

#### LEGEND

-  SITE ACCESS DRIVE
-  CLOSED SITE ACCESS DRIVE

#### 2016 PROJECTED TRAFFIC VOLUMES WEEKDAY AFTERNOON PEAK HOUR

**AGE-RESTRICTED RESIDENTIAL  
DEVELOPMENT**  
120 Old Post Road  
Rye, New York

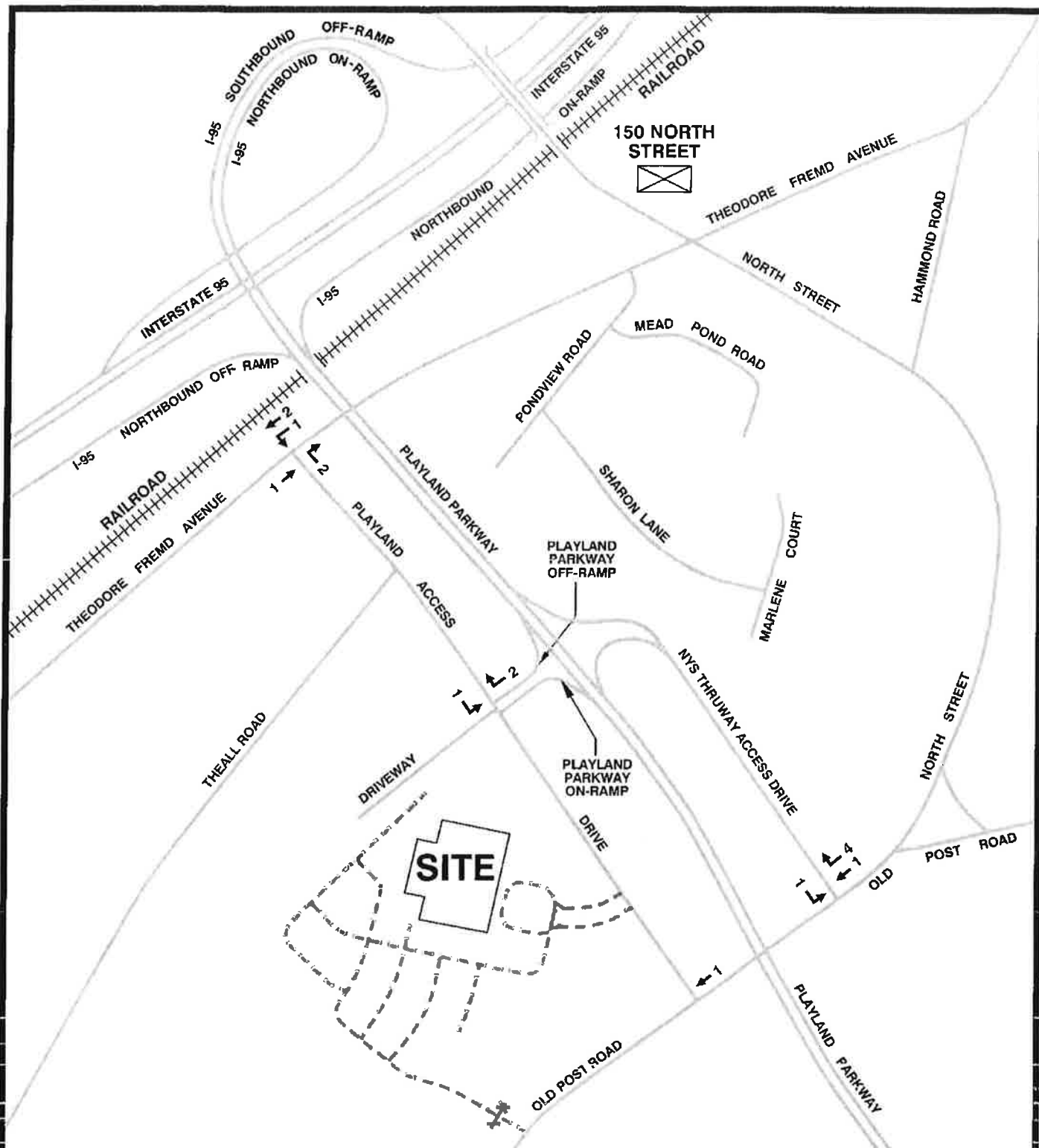


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**Notes: Other Developments include:**

- 5,000 Square Feet vacant office space located at 555 Theodore Fremd Avenue. This traffic is included in the growth rate.
- 58 Attached Senior Residential Units located at 150 North Street from Traffic Study prepared by Tim Miller Associates.

**LEGEND**

- SITE ACCESS DRIVE
- CLOSED SITE ACCESS DRIVE

**OTHER DEVELOPMENTS TRAFFIC VOLUMES  
WEEKDAY MORNING PEAK HOUR**

**AGE-RESTRICTED RESIDENTIAL  
DEVELOPMENT  
120 Old Post Road  
Rye, New York**

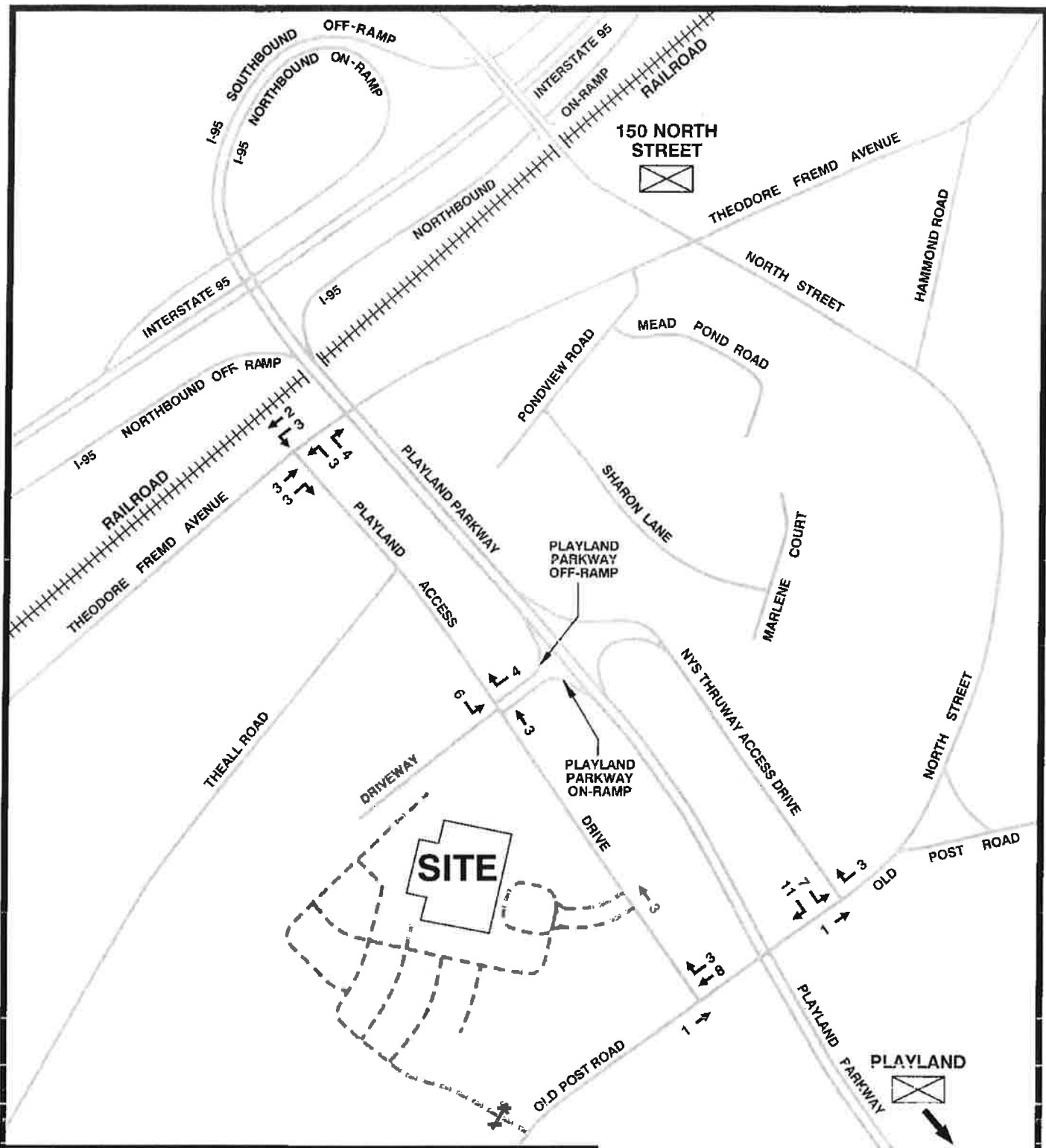


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**Notes: Other Developments include:**

- 5,000 Square Feet vacant office space located at 555 Theodore Fremd Avenue. This traffic is included in the growth rate.
- 58 Attached Senior Residential Units located at 150 North Street from Traffic Study prepared by Tim Miller Associates.
- Year One Development Program, Playland, Traffic Study prepared by John Meyer Consulting, P.C. October 2013.

**LEGEND**

- SITE ACCESS DRIVE**
- CLOSED SITE ACCESS DRIVE**

**OTHER DEVELOPMENTS TRAFFIC VOLUMES  
WEEKDAY AFTERNOON PEAK HOUR**

**AGE-RESTRICTED RESIDENTIAL  
DEVELOPMENT  
120 Old Post Road  
Rye, New York**



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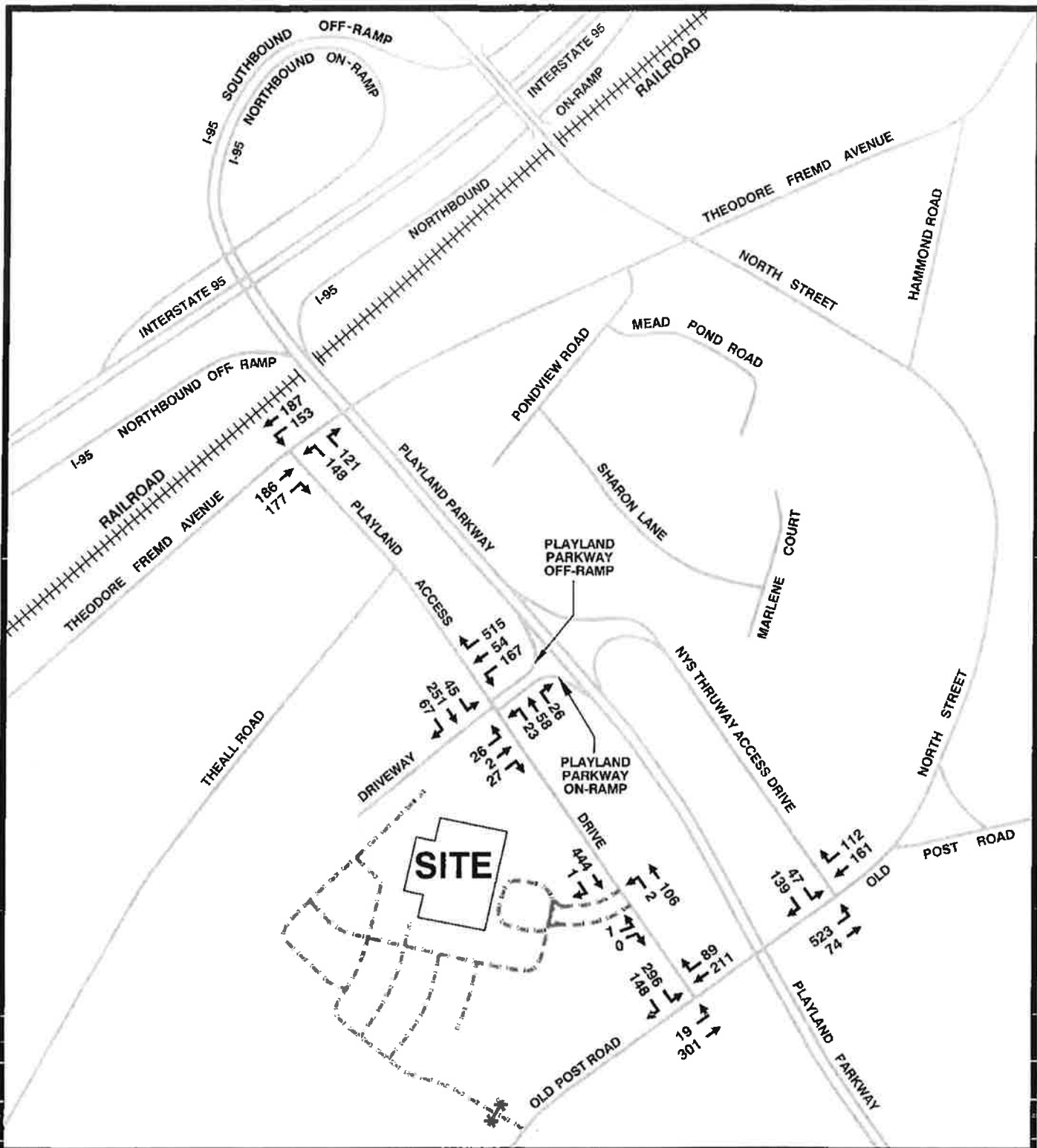
show the other development traffic volumes for each peak hour. Figures 9 and 10 graphically illustrate the 2016 background traffic volumes for area roads and include the growth rate and traffic related to the other developments. It is important to note that the senior residential development and Playland development are not approved applications.

### **Site Traffic Generation**

To estimate the total number of vehicle trips for the proposed 135 age-restricted residential units, trip generation rates were obtained from the 9<sup>th</sup> Edition of “Trip Generation,” published by the Institute of Transportation Engineers (ITE) in 2012. Using the Senior Adult Housing – Attached Code #252 and applying the average rates available, the expected site traffic is 27 and 34 vehicle trip ends during the weekday morning and weekday afternoon peak hours, respectively.

The current office building comprises 70,000 square feet of gross floor area. The building is vacant, except for the Owners of the building offices, which currently generates 4 and 6 vehicle trip ends during the weekday morning and weekday afternoon peak hours, respectively.

To estimate the total number of vehicle trips for this type of building fully occupied with a multi-tenant occupancy, trip generation rates were obtained from the 9<sup>th</sup> Edition of “Trip Generation,” published by the Institute of Transportation Engineers (ITE) in 2012. Using the General Office Code #710 and applying the average rates available for this type of building, the expected estimate for total site traffic is 109 and 104 vehicle trip ends for the weekday morning and weekday afternoon peak hours, respectively. Comparing the current land use to the proposed age-restricted attached residential units, there will be a net decrease in site traffic of 82 and 70 vehicle trip ends during the weekday morning and weekday afternoon peak hours, respectively. Table 4 provides a more detailed breakdown of previous land use and proposed age-restricted attached residential units site traffic generation.



Note: The 2016 Background Traffic Volumes include the 2016 Projected Traffic Volumes and the Other Developments Traffic Volumes.

**LEGEND**

- SITE ACCESS DRIVE
- CLOSED SITE ACCESS DRIVE

**2016 BACKGROUND TRAFFIC VOLUMES  
WEEKDAY MORNING PEAK HOUR**

**AGE-RESTRICTED RESIDENTIAL  
DEVELOPMENT  
120 Old Post Road  
Rye, New York**

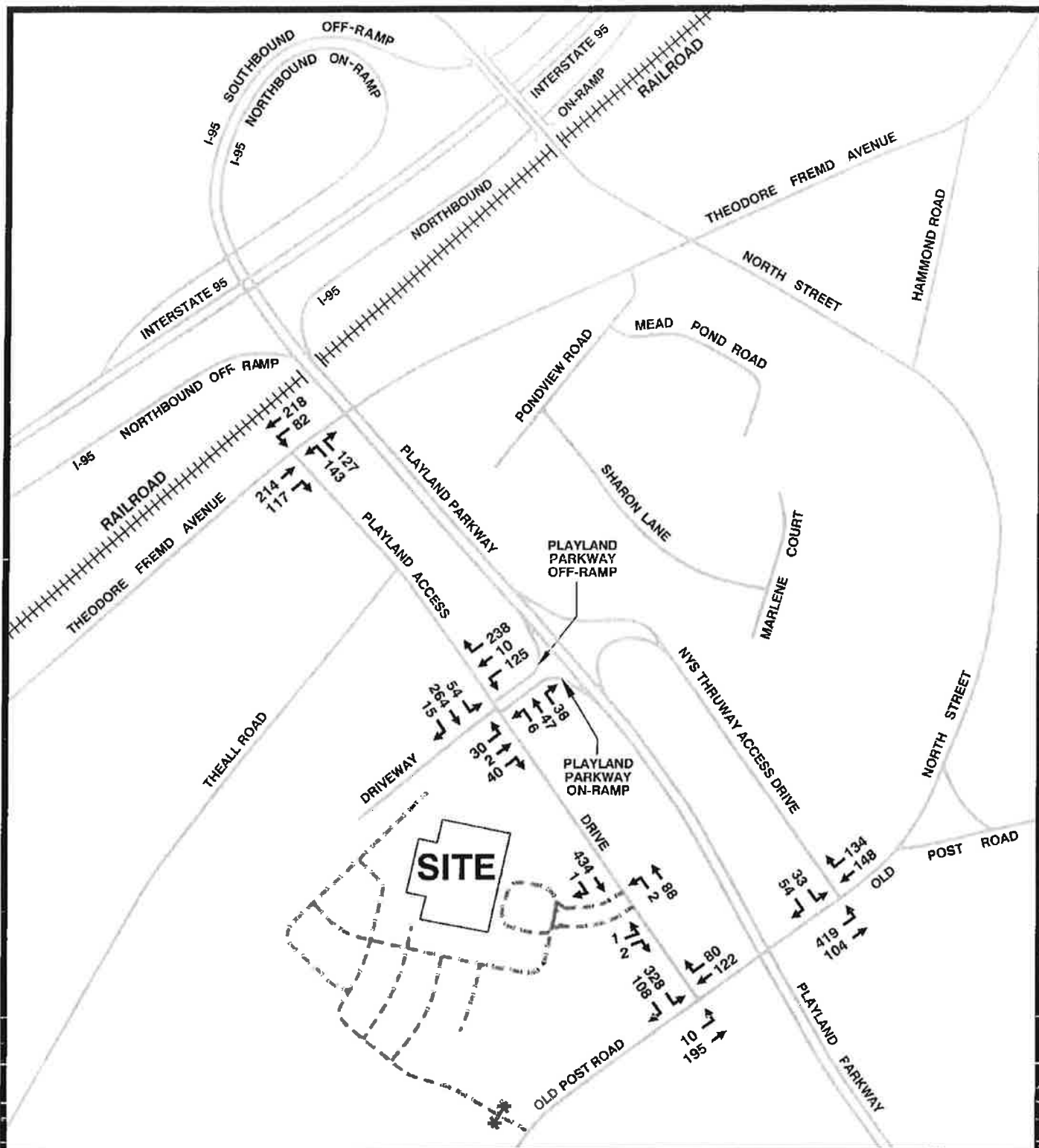


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Note: The 2016 Background Traffic Volumes include the 2016 Projected Traffic Volumes and the Other Developments Traffic Volumes.

**LEGEND**

- SITE ACCESS DRIVE
- CLOSED SITE ACCESS DRIVE

**2016 BACKGROUND TRAFFIC VOLUMES  
WEEKDAY AFTERNOON PEAK HOUR**

**AGE-RESTRICTED RESIDENTIAL  
DEVELOPMENT  
120 Old Post Road  
Rye, New York**



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Table 4  
 SITE TRAFFIC GENERATION COMPARISON – PEAK HOURS  
 Age-Restricted Residential Development  
 120 Old Post Road  
 Rye, New York

PROPOSED LAND USE				
LAND USE	SIZE	TRAFFIC DIRECTION	VEHICLE TRIP ENDS	
			Weekday Morning	Weekday Afternoon
Senior Adult	135	Enter	9	18
Housing –	Dwelling	Exit	<u>18</u>	<u>16</u>
Attached	Units	Total	27	34

Source: "Trip Generation," 9<sup>th</sup> Edition, published by the Institute of Transportation Engineers (ITE), 2012 using Senior Adult Housing – Attached, Code #252 average rates.

CURRENT LAND USE				
LAND USE	SIZE	TRAFFIC DIRECTION	VEHICLE TRIP ENDS	
			Weekday Morning	Weekday Afternoon
General Office	70,000 S.F.	Enter	96	18
Building		Exit	<u>13</u>	<u>86</u>
		Total	109	104

Source: "Trip Generation," 9<sup>th</sup> Edition, published by the Institute of Transportation Engineers (ITE), 2012 using General Office Building, Code #710 Average Rates.

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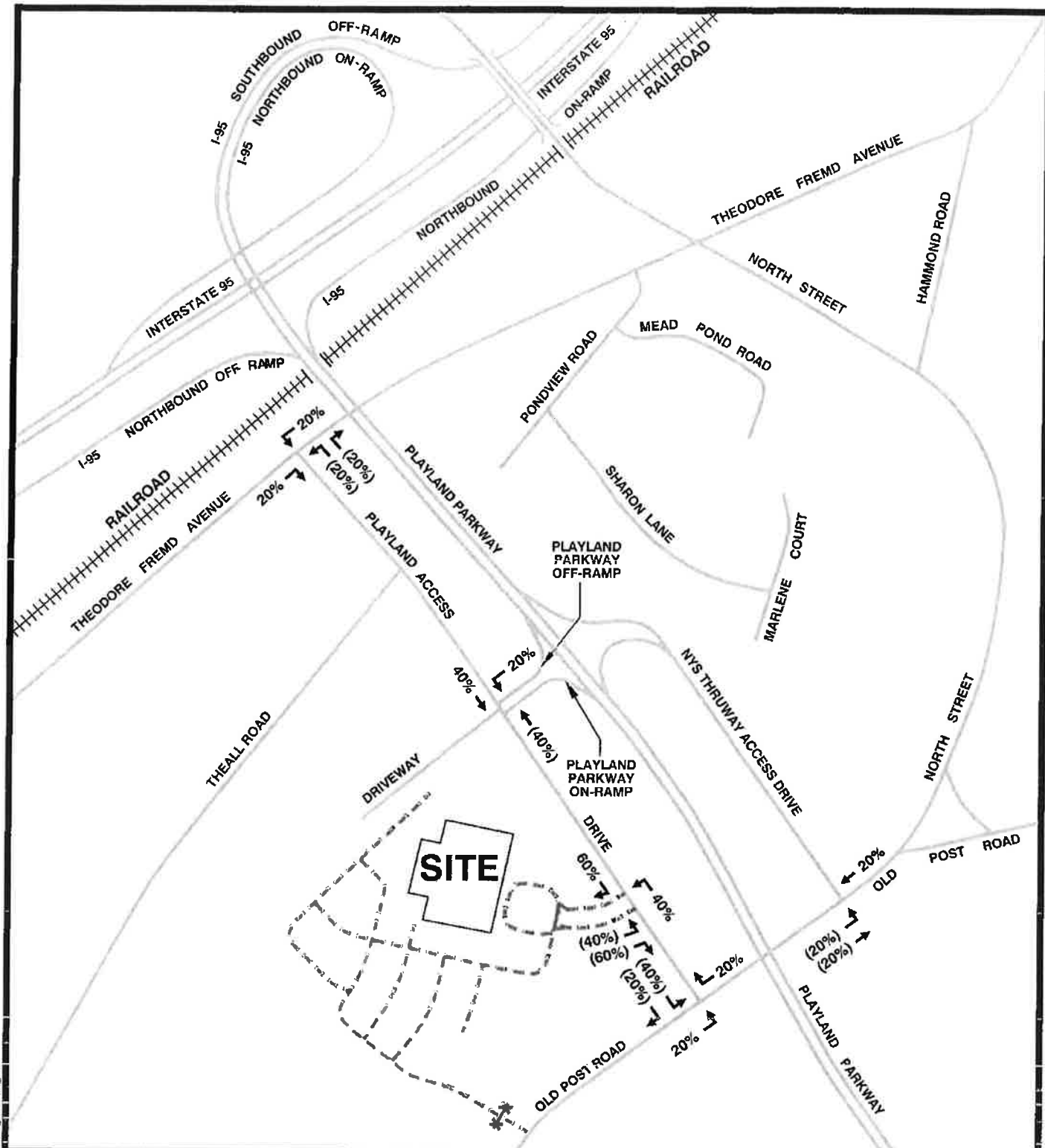
### **Site Traffic Distribution and Assignment**

To develop the anticipated distribution patterns for the additional site traffic, an evaluation of current patterns at the site access drive and patterns for traffic conditions on area roads were analyzed. Based on the results of this analysis it was determined that for arrivals 60 percent of the site traffic will turn right into the subject driveway from Playland Access Drive. It is anticipated that 20 percent will arrive from the southbound off-ramp of Playland Parkway from Interstate 95, 20 percent from the southwest on Theodore Fremd Avenue and the remaining 20 percent from the northeast on Theodore Fremd Avenue. The remaining 40 percent arriving at the site driveway from the south on Playland Access Drive is expected to breakdown to 20 percent arriving from the northeast on Old Post Road and the remaining 20 percent arriving from the southwest on Old Post Road.

For exiting movements it was found that 60 percent of the site traffic will exit and turn right from the driveway to travel southbound on Playland Access Drive to the intersection with Old Post Road. At Old Post Road 40 percent will turn left to travel northeast on Old Post Road, 20 percent turning left onto the Playland Parkway northbound ramps and the remaining 20 percent continuing northeast on Old Post Road to North Street. The remaining 20 percent traveling southeast on Playland Access Drive will turn right onto Old Post Road to travel to Boston Post Road. For the exiting movements turning left at the access drive 40 percent of the site traffic will continue northwest on Playland Access Drive to Theodore Fremd Avenue, where 20 percent will turn left and the remaining 20 percent will turn right.

Figure 11 graphically shows the distribution patterns anticipated for the additional to be added to area roads during the peak hours. Figures 12 and 13 show the site traffic generation and assignment for the peak hours.

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**SITE TRAFFIC DISTRIBUTION**

**AGE-RESTRICTED RESIDENTIAL  
DEVELOPMENT  
120 Old Post Road  
Rye, New York**

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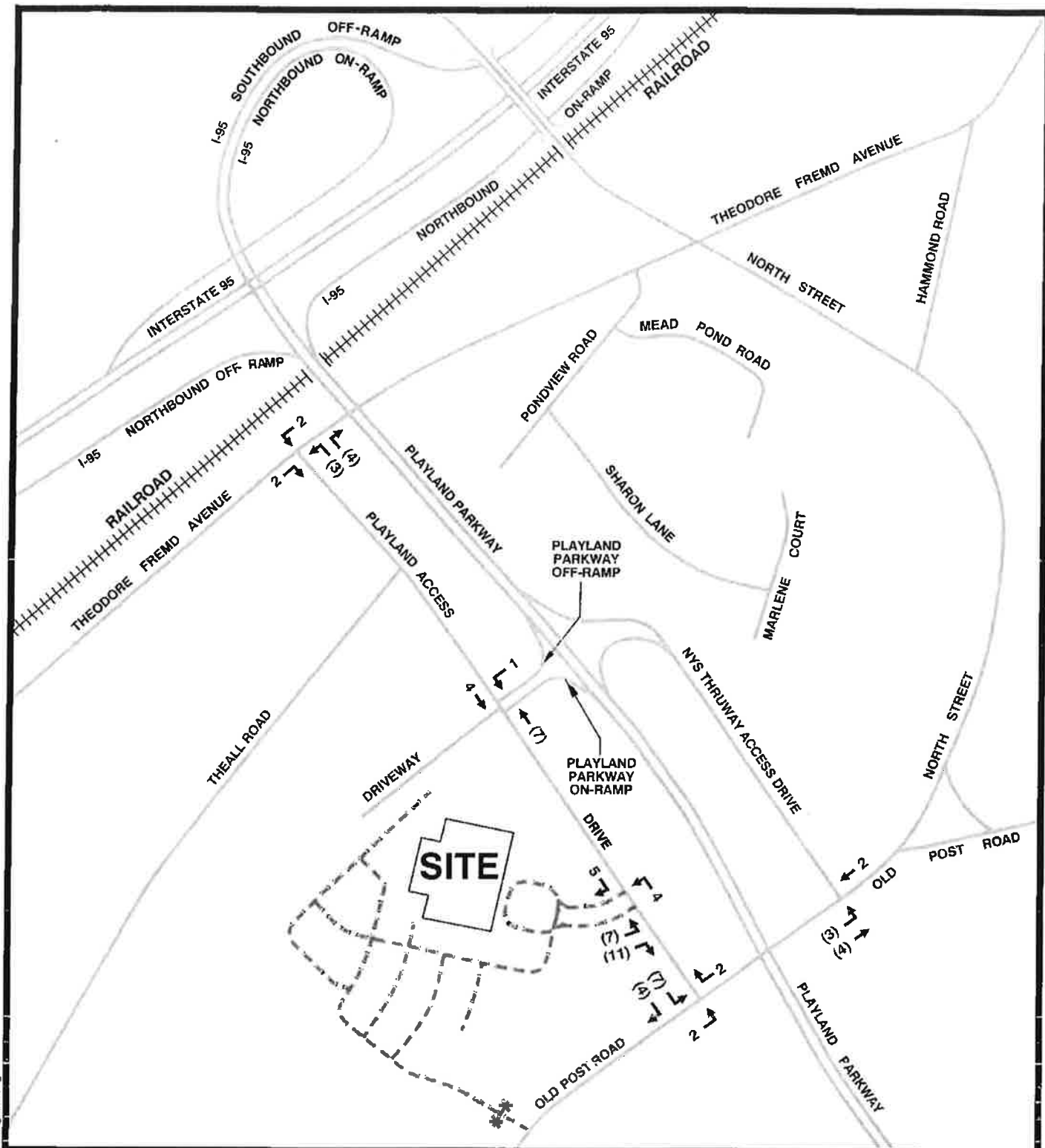


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#### SITE TRAFFIC

Enter 9

Exit (18)

Total 27 Vehicle Trip Ends

#### LEGEND

- SITE ACCESS DRIVE
- CLOSED SITE ACCESS DRIVE

#### SITE TRAFFIC GENERATION AND ASSIGNMENT WEEKDAY MORNING PEAK HOUR

**AGE-RESTRICTED RESIDENTIAL  
DEVELOPMENT**  
120 Old Post Road  
Rye, New York

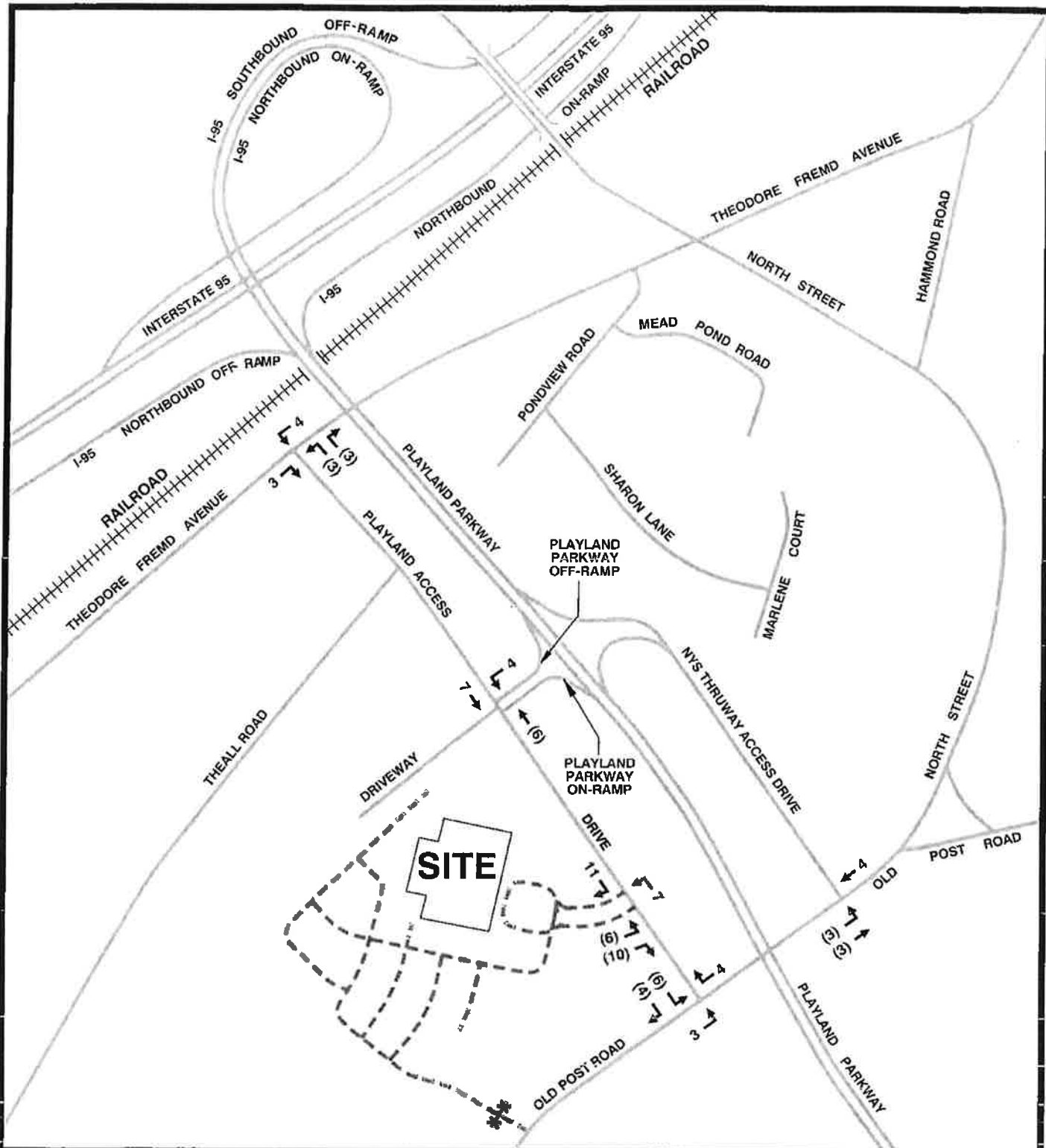
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RYE, NEW YORK FAIRFIELD, CONNECTICUT

Not to Scale

Date: 11/3/14



12



#### SITE TRAFFIC

Enter 18

Exit (16)

Total 34 Vehicle Trip Ends

#### LEGEND

--- SITE ACCESS DRIVE

--- CLOSED SITE ACCESS DRIVE

#### SITE TRAFFIC GENERATION AND ASSIGNMENT WEEKDAY AFTERNOON PEAK HOUR

**AGE-RESTRICTED RESIDENTIAL  
DEVELOPMENT**  
120 Old Post Road  
Rye, New York



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Date: 11/3/14

13

## **Combined Traffic Volumes**

The combined traffic volumes were developed by adding the residential-related traffic to the area roadways for both peak periods to develop a 2016 combined traffic volume condition. Results of this combination of volumes, with the background traffic volumes, which are previously described in this report, Figures 14 and 15, were prepared.

## **Capacity Analysis Results – Background and Combined Conditions**

The following is a summary of the results of the analyses of the intersections included in this Study Area for both a background and combined condition for the four peak hours:

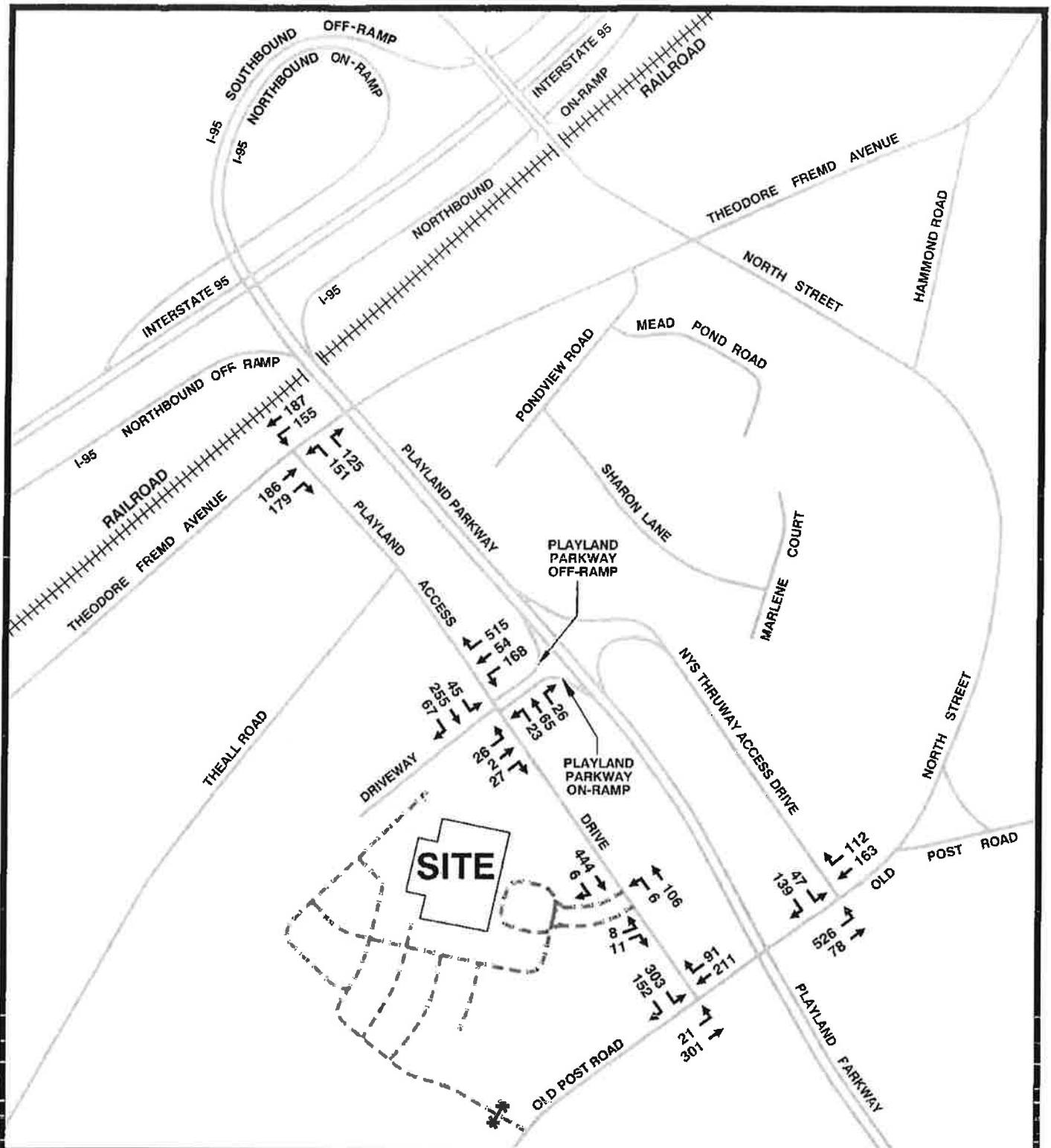
### **1. *Theodore Fremd Avenue at Playland Access Drive***

**Background** – Results of the analysis of this signalized intersection indicate it will operate at an overall Level of Service “B” during both the weekday morning and weekday afternoon peak hours.

**Combined** – Results of the analysis indicate this intersection will continue to operate the same overall Level of Service during the weekday afternoon peak hour. During the weekday morning peak hour there will be an acceptable change in Levels of Service from “B” to “C” with a change in average vehicle delay of 0.3 seconds.

### **2. *Playland Access Drive at Playland Parkway Southbound On/Off-Ramps/Medical Office Building Access Drive***

**Background** – Results of the analysis of this unsignalized intersection indicate that for the critical movements on the ramp and access drive approaches to the intersection will operate at Level of Service “E” and “C” or better during the weekday morning and weekday afternoon peak hours, respectively. The northbound and southbound critical movements on Playland Access Drive will operate at Level of Service “A” during both peak hours.



Note: The 2016 Combined Traffic Volumes include the 2016 Background Traffic Volumes and the Site Traffic Generation.

**LEGEND**

- SITE ACCESS DRIVE
- CLOSED SITE ACCESS DRIVE

**2016 COMBINED TRAFFIC VOLUMES  
WEEKDAY MORNING PEAK HOUR**

**AGE-RESTRICTED RESIDENTIAL  
DEVELOPMENT  
120 Old Post Road  
Rye, New York**

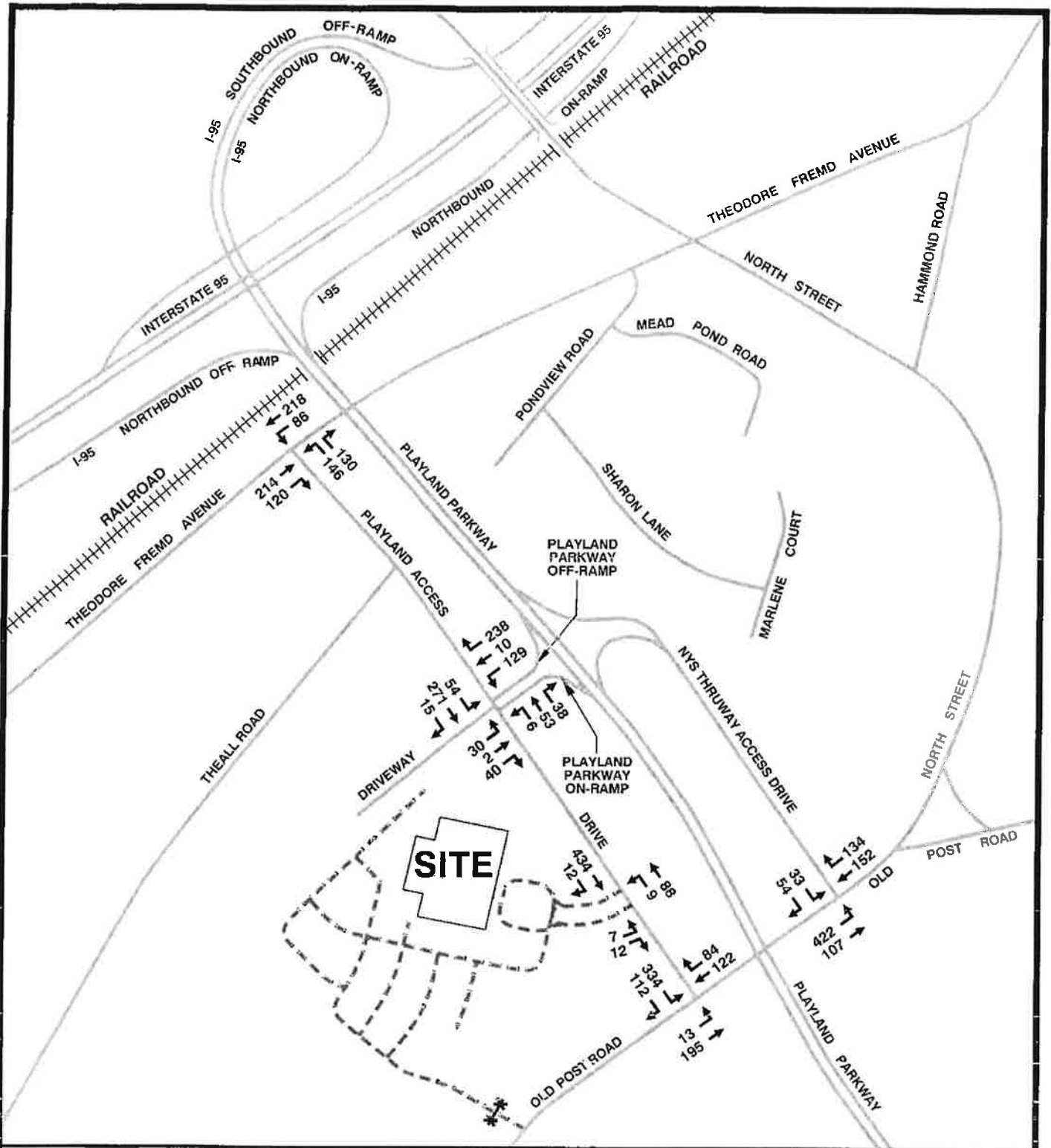


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FAIRFIELD, CONNECTICUT

**14**

Not to Scale

Date: 11/3/14



Note: The 2016 Combined Traffic Volumes include the 2016 Background Traffic Volumes and the Site Traffic Generation.

**LEGEND**

-  **SITE ACCESS DRIVE**
-  **CLOSED SITE ACCESS DRIVE**

**2016 COMBINED TRAFFIC VOLUMES  
WEEKDAY AFTERNOON PEAK HOUR**

**AGE-RESTRICTED RESIDENTIAL  
DEVELOPMENT  
120 Old Post Road  
Rye, New York**



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Date: 11/3/14

**15**

**Combined** - Results of the analysis of this unsignalized intersection indicate that the Level of Service will remain the same for all movements with an increase in average vehicle delay of at most 1.5 seconds.

3. *Playland Access Drive at Office Building Access Drive*

**Background** – Results of the analysis indicate the critical movements will operate at Level of Service “B” or better during both peak hours.

**Combined** – Results of the analysis indicate critical movements at this intersection will continue to operate at Level of Service “B” or better during the two peak hours. The eastbound right turn movement will change from a Level of Service “A” to “B” during the weekday morning peak hour with an increase in average vehicle delay of 11.9 seconds.

4. *Old Post Road at Playland Access Drive*

**Background** – Results of the analysis indicate the critical movements on the southbound approach of Playland Access Drive (STOP sign approach) will operate at Level of Service “F” and “D” during the weekday morning and weekday afternoon peak hours, respectively. Results of the analysis indicate queue lengths totaling an average up to 13 vehicles during the peak hours.

Field observations of this intersection during the peak hours indicate similar vehicle queues and delays; however, these delays typically occur for less than 15 minutes during the peak hours.

**Combined** – Results of the analysis indicate that the critical movements on the southbound approach of this intersection will maintain the same Level of Service during both peak hours with an increase in average vehicle delay of at most 7.2 seconds. Reuse of the existing building will result in longer delays.



5. *Old Post Road at Thruway Access Drive*

**Background** – Results of the analysis of this unsignalized intersection indicate the critical southbound movements from the ramp are operating at Level of Service “F” and “D” during the weekday morning and weekday afternoon peak hours, respectively. The critical movements on Old Post Road are operating at Level of Service “A” during both peak hours.

**Combined** – Results of the analysis indicate that the critical movements on the southbound approach of this intersection will maintain the same Level of Service during both peak hours with an increase in average vehicle delay of at most 5.9 seconds. Again, reuse of the existing building will result in longer delays.

Table 5 provides a more detailed summary of the results of the analysis of each of these intersections with background and combined conditions. Capacity analysis worksheets are included in the Appendix of this report.

**Findings**

The purpose of this Traffic Report is to provide the City of Rye with a detailed analysis of potential impacts from this proposed development on adjacent roadways and nearby intersections in the designated Study Area. The proposal is to demolish the existing, but mostly vacant, office building comprising 70,000 square feet of space and construct an age-restricted residential development which will have 135 units. Access will remain the same from Playland Access Drive to the immediate south of the Old Post Road STOP sign-controlled intersection.

The Traffic Study is based on traffic volumes obtained in 2012 through 2014. These volumes were obtained by Frederick P. Clark Associates, Inc. and other Traffic Consultants for different nearby projects.

Table 5  
2016 FUTURE CONDITIONS – MEASURE OF EFFECTIVENESS (MOE) AND IMPACT ASSESSMENT – PEAK HOURS  
Age-Restricted Residential Development  
120 Old Post Road  
Rye, New York

INTERSECTION	CONTROL TYPE	STORAGE/ LINK LENGTH	PHYSICAL UNITS	2016 BACKGROUND CONDITIONS						2016 COMBINED CONDITIONS						PROJECT IMPACTS		
				Weekday Morning			Weekday Afternoon			Weekday Morning			Weekday Afternoon			Weekday Morning Delay in LOS (Seconds)	Weekday Afternoon Delay in LOS (Seconds)	Project Delay in LOS (Seconds)
				LOS/ Delay	V/C Ratio	Queue Length (Feet)	LOS/ Delay	V/C Ratio	Queue Length (Feet)	LOS/ Delay	V/C Ratio	Queue Length (Feet)	LOS/ Delay	V/C Ratio	Queue Length (Feet)			
Theodore Fremd Avenue at Playland Access Drive	Traffic Signal	670	EB TR	B/18.5	0.49	229	B/17.9	0.42	216	B/18.6	0.49	231	B/17.9	0.42	218	No	No	0.0
			APP	B/18.5	--	--	B/17.9	--	--	B/18.6	--	--	B/17.9	--	--	No	No	0.0
		150	WB L	B/11.7	0.29	72	A/9.4	0.15	42	B/11.8	0.29	73	A/9.5	0.16	44	No	No	0.1
		260	T	A/9.0	0.18	86	A/9.3	0.21	100	A/9.0	0.18	86	A/9.3	0.21	100	No	No	0.0
			APP	B/10.2	--	--	A/9.3	--	--	B/10.3	--	--	A/9.4	--	--	No	No	0.1
		300	NB LR	C/33.8	0.56	243	C/33.9	0.56	244	C/34.2	0.57	250	C/34.2	0.58	250	No	No	0.3
Playland Access Drive at Playland Parkway Eastbound On/Off Ramp/Medical Office Building Access Drive	TWSC		APP	C/33.8	--	--	C/33.9	--	--	C/34.2	--	--	C/34.2	--	--	No	No	0.3
			Overall	B/19.8	--	--	B/19.8	--	--	C/20.1	--	--	B/20.0	--	--	B-C	No	0.2
		245	EB L	E/41.0	0.37	40	C/18.7	0.21	20	E/42.5	0.38	41	C/19.2	0.22	20	No	No	0.5
		245	T	E/41.0	0.37	40	C/18.7	0.21	20	E/42.5	0.38	41	C/19.2	0.22	20	No	No	0.5
		75	R	E/41.0	0.37	40	C/18.7	0.21	20	E/42.5	0.38	41	C/19.2	0.22	20	No	No	0.5
		350	WB L	D/28.1	0.63	103	C/22.6	0.46	58	D/29.4	0.64	108	C/23.9	0.48	63	No	No	1.3
Playland Access Drive at Office Building Access Drive	TWSC	350	T	D/28.1	0.63	103	C/22.6	0.46	58	D/29.4	0.64	108	C/23.9	0.48	63	No	No	1.3
		50	R	B/13.8	0.59	100	B/10.3	0.30	32	B/14.0	0.60	102	B/10.4	0.31	33	No	No	0.1
		400	NB L	A/0.2	0.02	2	A/0.1	0.01	0	A/0.2	0.02	2	A/0.1	0.01	0	No	No	0.0
		485	SB L	A/0.3	0.03	3	A/0.4	0.05	4	A/0.3	0.03	3	A/0.4	0.05	4	No	No	0.0
		130	EB L	B/12.4	0.00	0	B/11.4	0.01	0	B/11.9	0.04	3	B/11.8	0.04	3	No	No	0.4
		130	R	A/0.0	0.00	0	B/11.4	0.01	0	B/11.9	0.04	3	B/11.8	0.04	3	A-B	No	0.4
Old Post Road at Playland Access Drive	TWSC	110	NB L	A/0.0	0.00	0	A/0.0	0.00	0	A/0.0	0.01	0	A/0.1	0.01	1	No	No	0.1
		975	EB L	A/0.2	0.02	1	A/0.1	0.01	1	A/0.2	0.02	1	A/0.1	0.01	1	No	No	0.0
		110	SB L	F/58.9	0.96	305	D/28.6	0.79	191	F/66.1	0.99	331	D/31.2	0.81	209	No	No	2.6
Old Post Road at Thruway Access Drive	TWSC		R	F/58.9	0.96	305	D/28.6	0.79	191	F/66.1	0.99	331	D/31.2	0.81	209	No	No	2.6
		240	EB L	A/5.1	0.47	64	A/4.1	0.39	47	A/5.2	0.47	65	A/4.2	0.39	48	No	No	0.1
		925	SB L	F/91.1	0.94	201	D/33.0	0.44	53	F/97.0	0.96	208	D/34.2	0.45	54	No	No	1.2
Old Post Road at Thruway Access Drive	TWSC	925	R	F/91.1	0.94	201	D/33.0	0.44	53	F/97.0	0.96	208	D/34.2	0.45	54	No	No	1.2
		925	R	F/91.1	0.94	201	D/33.0	0.44	53	F/97.0	0.96	208	D/34.2	0.45	54	No	No	1.2

Notes:

- Synchro 8.0 is used for capacity analysis.
- Level of Service determining parameter is called the service measure.
- For Signalized Intersections Level of Service/Average Total delay per vehicle (seconds/vehicle).
- TWSC = Two-Way STOP Control
- For TWSC Intersections Level of Service/Average Control delay per vehicle (seconds/vehicle).
- ITE publication for Traffic Access and Impact Studies for site development "A Recommended Practice" indicated that overall Level of Service ratings of A to D are normally considered acceptable for signalized intersections (Level C or better are considered desirable). Levels of Service E and F are normally undesirable.

Table 5 Cont'd

- V/C ratio indicates the amount of congestion for each Lane Group or Movement. Any V/C ratio greater than or equal to one indicates that the Lane Group or Movement is operating at above capacity.
- Synchro 8.0 Macroscopic model is used for storage/ queue analysis.
- The Queue Length rows show the 95<sup>th</sup> percentile maximum queue length in feet.
- The Queue Length is for each lane. The total queue length is divided by the number of lanes and the lane utilization factor.
- The 95<sup>th</sup> percentile queue is the maximum back of the queue with the 95<sup>th</sup> percentile traffic volumes.
- **Bolded 95<sup>th</sup>** percentile queue exceeds the storage available.
- Physical Units consist of the following:

1. Lane Group and Intersection Overall for Traffic Signal Controlled Intersections
2. Movement for TWSC Intersections.

NB = Northbound EB = Eastbound SB = Southbound WB = Westbound  
 L = Left Turn T = Through R = Right Turn APP = Approach

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 G:\760-004\120 Old Post Road\_Rye\W\m\cyl4-105.sas.doc  
 1/8/14

In this Traffic Study it addresses traffic conditions for existing, no-build and build peak hour volumes near the site. It includes the weekday morning and weekday afternoon peak hours. Under the no-build condition it includes other developments, as well as an appropriate growth rate.

The proposal is to demolish the existing, but mostly vacant, office building and construct the age-restricted development, as noted above. To estimate site traffic for the proposed development trip generation rates were obtained from the Institute of Transportation Engineers (ITE) in "Trip Generation," 9th Edition, published 2012. Based on these trip generation rates it is estimated a development of this type and size will generate 27 and 34 vehicle trip ends during the typical weekday morning and weekday afternoon peak hours, respectively. For comparison purposes the current 70,000 square-foot office building, if it was to be fully reoccupied, could generate 109 and 104 vehicle trip ends during the same weekday morning and weekday afternoon peak hours, respectively. Therefore, the proposed residential development would result in a decrease in site traffic generation of 82 and 70 vehicle trip ends during the weekday morning and weekday afternoon peak hours, respectively. This is a significant reduction in site traffic generation potential directly related to the change in land use from an office building to a residential development.

The results of the capacity analysis for existing conditions indicate the Theodore Fremd Avenue/Playland Access Drive signalized intersections operates at an acceptable overall Level of Service "B" during peak hours. During the weekday morning peak hour motorists experience delays at the unsignalized intersection of Playland Access Drive/Playland Parkway/Medical Building, Old Post Road at Playland Access Drive and Old Post Road at Thruway Access Drive. All of the Study Area intersections operate at acceptable Levels of Service during the weekday afternoon peak hour. Similar results are found for 2016 background conditions. In both existing and background conditions analyses the office building located on the site is considered vacant.

Under a future combined condition, which includes the proposed residential development, each of these unsignalized intersections will continue to operate at acceptable Levels of Service, except for some Levels of Service "E" or "F" identified in a background condition. A comparison of the background and combined traffic conditions for each of these intersections indicate that Levels of Service will remain unchanged, except for change from an overall Level of Service "B" to "C" at the signalized intersection of Theodore Fremd Avenue at Playland Access Drive, with an insignificant overall delay due to the residential development of 0.3 seconds per vehicle during this one peak hour. Results of the analyses for the weekday afternoon peak hour indicate Levels of Service will remain the same at each of the unsignalized intersections and at each of the lane groups or approaches with minimal, if any, increase in average vehicle delay due to the proposed residential development.

Based on the results of these analyses it is recommended that the current traffic control and pavement markings at each of these locations remain unchanged. The analysis indicates that the added site traffic for a residential development is insignificant and will not change the overall operation of any of the intersections in the Study Area. In addition, there is a significant benefit of converting this office building to a residential development, which results in a significant decrease in site traffic generation during the key weekday morning and weekday afternoon peak hours.

The results of these analyses have been compared to field observations at each of these locations during both the weekday morning and weekday afternoon peak hours. It is noted that motorists do experience short-term delays at the Playland Parkway off ramp to Playland Access Drive and on the Playland Access Drive and Thruway Access Drive approaches to Old Post Road during peak hours. However, based on the results of this analysis each intersection should maintain STOP control. Any consideration for signalization, if warranted, at the Playland Parkway ramps to Playland Access Drive may

actually result in an increase in delays, which could impact the mainline of Playland Parkway (southbound lanes).

At the Old Post Road intersection at Playland Access Drive and Thruway Access Drive it is likely that either location would meet the minimum standards for consideration for traffic signals.

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11/3/14



## APPENDIX

## PHOTOGRAPHS



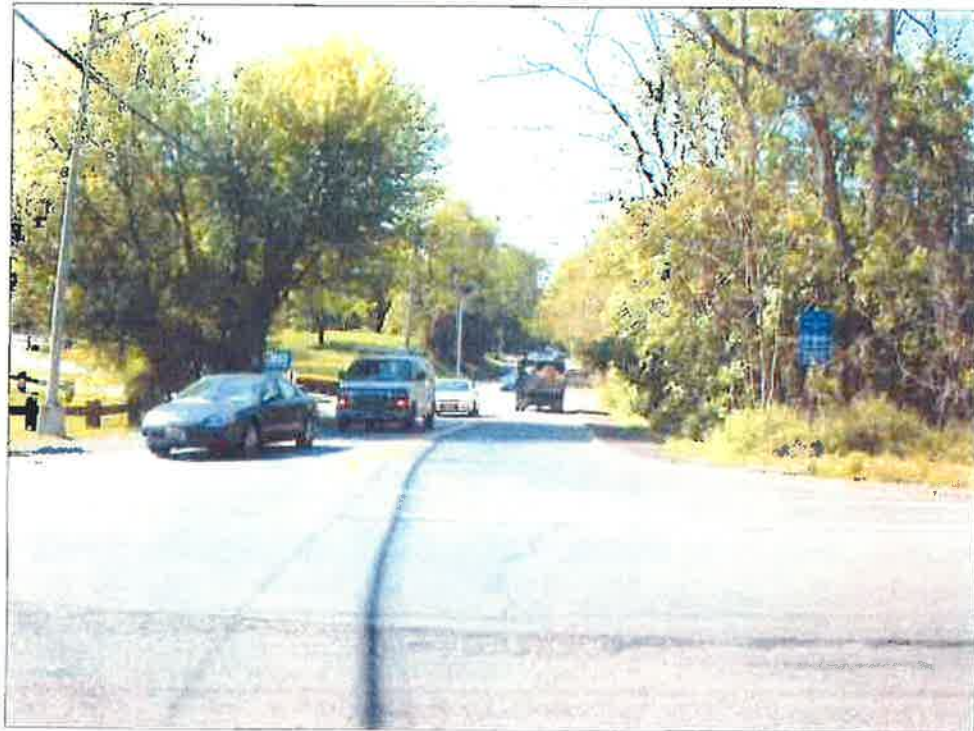
**SITE ACCESS DRIVE AT PLAYLAND ACCESS DRIVE,  
LOOKING WEST**



**PLAYLAND ACCESS DRIVE AT SITE ACCESS DRIVE,  
LOOKING NORTH**



**PLAYLAND ACCESS DRIVE AT SITE ACCESS DRIVE,  
LOOKING SOUTH**



**PLAYLAND ACCESS DRIVE AT OLD POST ROAD,  
LOOKING NORTH**

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**November 2014**

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**Exhibit-2**





**OLD POST ROAD AT PLAYLAND ACCESS DRIVE,  
LOOKING WEST**



**OLD POST ROAD AT PLAYLAND ACCESS DRIVE,  
LOOKING EAST**



**PLAYLAND PARKWAY NORTHBOUND ON/OFF RAMP  
AT OLD POST ROAD, LOOKING NORTH**



**OLD POST ROAD AT PLAYLAND PARKWAY  
NORTHBOUND ON/OFF RAMP, LOOKING WEST**





**OLD POST ROAD AT PLAYLAND PARKWAY  
NORTHBOUND ON/OFF RAMP, LOOKING EAST**



**PLAYLAND PARKWAY SOUTHBOUND ON/OFF-RAMP  
AT PLAYLAND ACCESS DRIVE, LOOKING EAST**

**Frederick P. Clark Associates, Inc.**

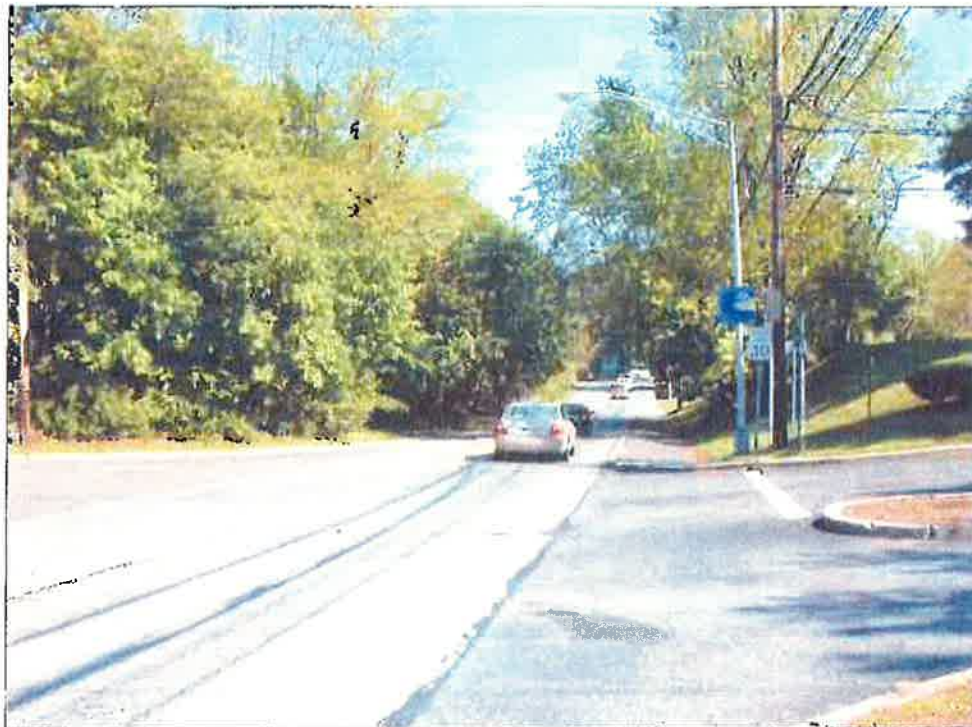
**November 2014**

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**Exhibit-5**



**MEDICAL OFFICE ACCESS DRIVE AT PLAYLAND ACCESS DRIVE,  
LOOKING WEST**



**PLAYLAND ACCESS DRIVE AT MEDICAL OFFICE ACCESS DRIVE/  
PLAYLAND PARKWAY SOUTHBOUND ON/OFF-RAMP, LOOKING SOUTH**

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**November 2014**

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**Exhibit-6**





**PLAYLAND ACCESS DRIVE AT MEDICAL OFFICE ACCESS DRIVE/  
PLAYLAND PARKWAY SOUTHBOUND ON/OFF-RAMPS, LOOKING NORTH**



**PLAYLAND ACCESS DRIVE AT THEODORE FREMD AVENUE,  
LOOKING SOUTH**



**THEODORE FREMD AVENUE AT PLAYLAND ACCESS DRIVE,  
LOOKING WEST**



**THEODORE FREMD AVENUE AT PLAYLAND ACCESS DRIVE,  
LOOKING EAST**

## **CAPACITY ANALYSIS PROCEDURES**

## CAPACITY ANALYSIS PROCEDURES

*Intersections* – Four methods of analysis are needed to evaluate different kinds of intersections. These methods are based on procedures found in the Fifth Edition of the Highway Capacity Manual 2010 and are described below.

### *Signalized Intersections*

This chapter's methodology applies to three-leg and four-leg intersections of two streets or highways where the signalization operates in isolation from nearby intersections.

*Performance Measure* – An intersection's performance is described by the use of one or more quantitative measures that characterize some aspect of the service provided to a specific road user group. Performance measures include automobile volume-to-capacity ratio, automobile delay, queue storage ratio, pedestrian delay, pedestrian circulation area, pedestrian perception score, bicycle delay, and bicycle perception score. LOS is considered a performance measure. It is computed for the automobile, pedestrian, and bicycle travel modes.

*Travel Modes* – There are three methodologies that can be used to evaluate intersection performance from the perspective of motorists, pedestrians, and bicyclists. They are referred to as the automobile methodology, the pedestrian methodology, and the bicycle methodology.

*Lane Groups and Movement Groups* – A separate lane group is established to (a) each lane (or combination of adjacent lanes) that exclusively serves one movement and (b) each lane shared by two or more movements. The concept of movement groups is also established to facilitate data entry. A separate movement group is established for (a) each turn movement with one or more exclusive turn lanes and (b) the through movement (inclusive of any turn movements that share a lane).

*LOS Criteria* – LOS criteria for the automobile mode are different from those for the non-automobile modes. The automobile-mode criteria are based on performance measures that are field measurable and perceivable by travelers. The criteria for the non-automobile modes are based on scores reported by travelers indicating their perception of service quality.

*Automobile Mode* – LOS for Automobile Mode can be characterized for the entire intersection, each intersection approach, and each lane group. Control delay alone is used to characterize LOS for entire intersection or an approach. Control delay and volume-to-capacity ratio are used to characterize LOS for a lane group. Delay quantifies the increase in travel time due to traffic signal control. It is also a surrogate measure of driver discomfort



and fuel consumption. The volume-to-capacity ratio quantifies the degree to which a phase's capacity is utilized by a lane group. The following describes each LOS.

*Level of Service A* – It describes operations with a control delay of 10.0 seconds per vehicle or less and a volume-to-capacity ratio no greater than 1.0. This level is typically assigned when the volume-to-capacity ratio is low and either progression is exceptionally favorable or the cycle length is very short. If it is due to favorable progression, most vehicles arrive during the green indication and travel through the intersection without stopping.

*Level of Service B* – It describes operations with control delay between 10 to 20 seconds per vehicle and a volume-to-capacity ratio no greater than 1.0. This level is typically assigned when the volume-to-capacity ratio is low and either progression is highly favorable or the cycle length is short. More vehicle stop than with LOS A.

*Level of Service C* – It describes operations with control delay between 20 to 35 seconds per vehicle and a volume-to-capacity ratio no greater than 1.0. This level is typically assigned when progression is favorable or the cycle length is moderate. Individual cycle failures (i.e., one or more queued vehicles are not able to depart as a result of insufficient capacity during the cycle) may begin to appear at this level. The number of vehicles stopping is significant, although many vehicles still pass through the intersection without stopping.

*Level of Service D* – It describes operations with control delay between 35 to 55 seconds per vehicle and a volume-to-capacity ratio no greater than 1.0. This level is typically assigned when the volume-to-capacity ratio is high and either progression is ineffective or the cycle length is long. Many vehicles stop and individual cycle failures are noticeable.

*Level of Service E* – It describes operations with control delay between 55 to 80 seconds per vehicle and a volume-to-capacity ratio no greater than 1.0. This level is typically assigned when the volume-to-capacity ratio is high, progression is unfavorable, and the cycle length is long. Individual cycle failures are frequent.

*Level of Service F* – It describes operations with control delay between 55 to 80 seconds per vehicle and a volume-to-capacity ratio no greater than 1.0. This level is typically assigned when the volume-to-capacity ratio is high, progression is unfavorable, and the cycle length is long. Individual cycle failures are frequent.

The LOS thresholds established for automobile mode at a signalized intersection

CONTROL DELAY (SECONDS PER VEHICLE)	LOS BY VOLUME-TO- CAPACITY RATIO	
	$\leq 1.0$	$>1.0$
$\leq 10$	A	F
$>10$ to 20	B	F
$>20$ to 35	C	F
$>35$ to 55	D	F
$>55$ to 80	E	F
$>80$	F	F

Note: For approach-based and intersection-wide assessments, LOS is defined by control delay.

### ***Two-Way STOP-Controlled Intersections (TWSC)***

One typical configuration is a four-leg intersection, where the major street is uncontrolled, while the minor street is controlled by STOP signs. The other typical configuration is a three-leg intersection, where the single minor-street approach is controlled by a STOP sign.

*Theoretical Basic* – Gap-acceptance models begin with the recognition that TWSC Intersections give no positive indication or control to the driver on the minor street as to when it is appropriate to leave the stop line and enter the major street. The driver must determine when a gap on the major street is large enough to permit entry and when to enter, on the basis of the relative priority of the competing movements. This decision-making process has been formalized analytically into what is commonly known as gap-acceptance theory. Gap-acceptance theory includes three basic elements: the size and distribution (availability) of gaps on the major street, the usefulness of these gaps to the minor-street drivers, and the relative priority of the various movements at the intersection.

*Critical Headway and Follow-Up Headway* – The *critical headway* is defined as the minimum interval in the major street traffic stream that allows intersection entry for one minor-street vehicle. Thus, the driver's critical headway is the minimum headway that would be acceptable. Critical headway can be estimated on the basis of observations of the largest rejected and smallest accepted headway for a given intersection. The *follow-up headway* is defined as the time between the departure of one vehicle from the minor street

and the departure of the next vehicle using the same major-street headway, under a condition of continuous queuing on the minor street.

#### Base Critical Headways for TWSC Intersections

VEHICLE MOVEMENT	BASE CRITICAL HEADWAY		
	Two Lanes	Four Lanes	Six Lanes
Left turn from major	4.1	4.1	5.3
U-turn from major	N/A	6.4 (wide) 6.9 (narrow)	5.6
Right turn from minor	6.2	6.9	7.1
Through traffic On major	1-stage:6.5 2-stage, stage I: 5.5 2-stage, Stage II: 5.5	1-stage:6.5 2-stage, stage I: 5.5 2-stage, Stage II: 5.5	1-stage:6.5* 2-stage, stage I: 5.5* 2-stage, Stage II: 5.5*
Left turn from minor	1-stage:7.1 2-stage, stage I: 6.1 2-stage, Stage II: 6.1	1-stage:7.5 2-stage, stage I: 6.5 2-stage, Stage II: 6.5	1-stage:6.4 2-stage, stage I: 7.3 2-stage, Stage II: 6.7

\*Use caution; values estimated

#### Base Follow-up Headways for TWSC Intersections

VEHICLE MOVEMENT	BASE FOLLOW-UP HEADWAY		
	Two Lanes	Four Lanes	Six Lanes
Left turn from major	2.2	2.2	3.1
U-turn from major	N/A	2.5 (wide) 3.1 (narrow)	2.3
Right turn from minor	3.3	3.3	3.9
Through traffic on major	4.0	4.0	4.0
Left turn from minor	3.5	3.5	3.8

*Level Of Service Criteria* – LOS for a TWSC intersection is determined by the computed or measured control delay. For motor vehicles, LOS is determined for each minor-street movement (or shared movement) as well as major-street left turn. LOS is not defined for the intersection as a whole or for major-street approaches. LOS F is assigned to

the movement if the volume-to-capacity ratio for the movement exceeds 1.0, regardless of the control delay.

*Automobile Mode* – The methodology applies to TWSC intersections with up to three lanes (either shared or exclusive) on the major-street approaches and up to three lanes on the minor-street approaches (with no more than one exclusive lane for each movement on the minor-street approach). Effects from other intersections are accounted for only in situations in which a TWSC intersection is located on an urban street segment between coordinated signalized intersections. In this situation, the intersection can be analyzed by using the procedures in urban street segment.

#### Level-of Service Criteria for Automobile Mode

CONTROL DELAY (SECONDS PER VEHICLE)	LOS BY VOLUME-TO-CAPACITY RATIO	
	1.0	>1.0
0- 10	A	F
>10 to 15	B	F
>15 to 25	C	F
>25 to 35	D	F
>35 to 50	E	F
>50	F	F

Note: The LOS criteria apply to each lane on a given approach and to each approach on the minor street. LOS is not calculated for major-street approaches or for the intersection as a whole.

g:\760.004 120 old post road, rye\word\cap.doc;

## TURNING MOVEMENT COUNTS

AGE-RESTRICTED RESIDENTIAL DEVELOPMENT, 120 OLD POST ROAD, RYE, NY (#760.004)  
FIELD DATA SUMMARY - Old Post Road at Playland Access Drive

Thursday 30-Oct-14	Eastbound - Old Post Road			Westbound - Old Post Road			Northbound			Southbound - Playland Access Drive			Last 4 Quarters		Pedestrians (Approaches)		
	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total	Total	EB	WB	SB	
7:00 AM	4	31	0	35	0	5	0	0	0	49	0	14	63	108	0	0	0
7:15 AM	2	28	0	30	0	12	13	25	0	60	0	45	105	160	0	0	0
7:30 AM	3	55	0	58	0	27	23	50	0	57	0	43	100	208	0	0	2
7:45 AM	4	80	0	84	0	47	29	67	0	67	0	47	114	265	0	0	2
8:00 AM	2	72	0	74	0	49	23	72	0	66	0	30	96	242	0	0	0
8:15 AM	30	74	0	84	0	49	20	69	0	82	0	36	118	271	0	0	5
8:30 AM	3	69	0	72	0	46	21	68	0	75	0	32	107	986	0	0	0
8:45 AM	6	54	0	60	0	21	24	45	0	90	0	30	120	225	0	0	3
9:00 AM	19	295	0	314	0	191	85	276	0	290	0	145	435	1,025	0	0	7
AM Peak Hour Vol																	
Peak Hour Factor				0.93				0.96					0.92				



## ATI #14153

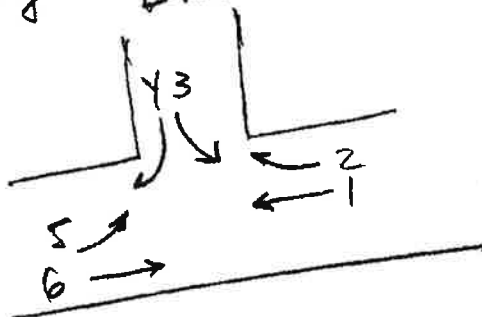
Surveyor: \_\_\_\_\_

Day/Date:

10.30.14



Playland Access  
Drive

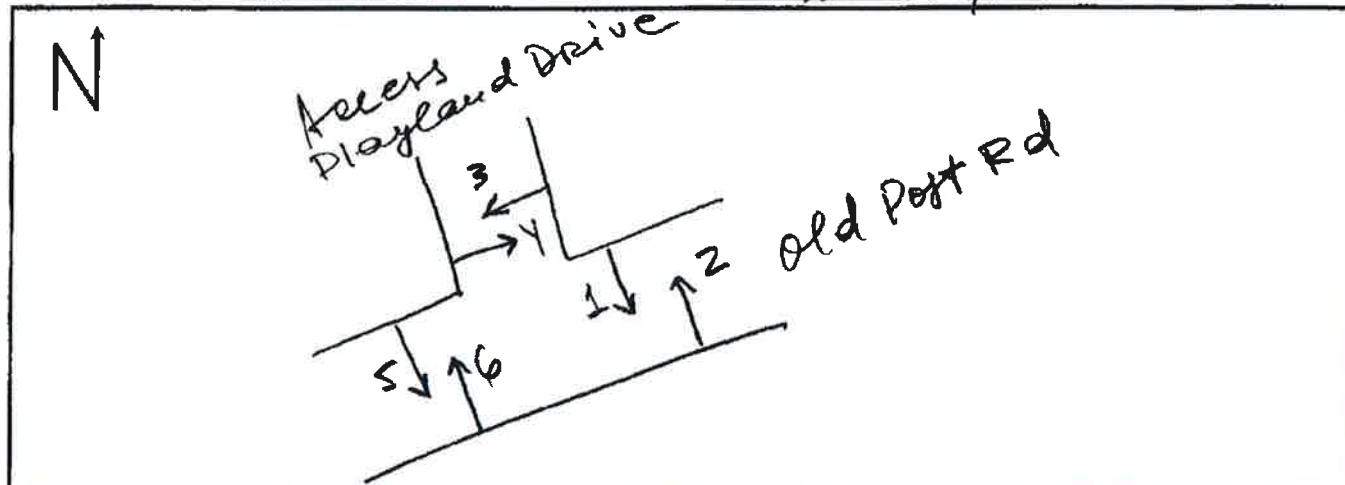


old Post Rd

[illegible]

**Location:** **Old Post Road & Access Playland Drive**

Surveyors: \_\_\_\_\_ Day/Date: 10.30.14

[illegible]

## **CAPACITY ANALYSIS WORKSHEETS**

# **CAPACITY ANALYSIS WORKSHEETS**

**Existing Conditions**











CA-1

Lanes, Volumes, Timings

120 OLD POST ROAD, RYE, NY

1: THEODORE FREMD AVENUE & PLAYLAND ACCESS DRIVE

2014 EXISTING CONDITIONS, WEEKDAY A.M. PEAK HOUR

						
Lane Group	NWL	NWR	NET	NER	SWL	SWT
Lane Configurations						
Volume (vph)	145	117	181	174	149	181
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900
Lane Width (ft)	12	12	12	12	12	12
Grade (%)	0%		0%			0%
Storage Length (ft)	0	0		0	150	
Storage Lanes	1	0		0	1	
Taper Length (ft)	25				25	
Lane Util. Factor	1.00	1.00	1.00	1.00	1.00	1.00
Ped Bike Factor						
Frft	0.940		0.934			
Flt Protected	0.973				0.950	
Satd. Flow (prot)	1704	0	1740	0	1770	1863
Flt Permitted	0.973				0.410	
Satd. Flow (perm)	1704	0	1740	0	764	1863
Right Turn on Red		No		Yes		
Satd. Flow (RTOR)			63			
Link Speed (mph)	30		30			30
Link Distance (ft)	375		786			931
Travel Time (s)	8.5		17.9			21.2
Confl. Peds. (#/hr)						
Confl. Bikes (#/hr)						
Peak Hour Factor	0.91	0.91	0.91	0.91	0.91	0.91
Growth Factor	100%	100%	100%	100%	100%	100%
Heavy Vehicles (%)	2%	2%	2%	2%	2%	2%
Bus Blockages (#/hr)	0	0	0	0	0	0
Parking (#/hr)						
Mid-Block Traffic (%)	0%		0%			0%
Adj. Flow (vph)	159	129	199	191	164	199
Shared Lane Traffic (%)						
Lane Group Flow (vph)	288	0	390	0	164	199
Turn Type	Prot		NA		pm+pt	NA
Protected Phases	4		2		1	5
Permitted Phases					5	
Detector Phase	4		2		1	5
Switch Phase						
Minimum Initial (s)	4.0		4.0		4.0	4.0
Minimum Split (s)	35.0		49.0		16.0	65.0
Total Split (s)	35.0		49.0		16.0	65.0
Total Split (%)	35.0%		49.0%		16.0%	65.0%
Yellow Time (s)	3.5		3.5		3.5	3.5
All-Red Time (s)	0.5		0.5		0.5	0.5
Lost Time Adjust (s)	0.0		0.0		0.0	0.0
Total Lost Time (s)	4.0		4.0		4.0	4.0
Lead/Lag			Lead		Lag	
Lead-Lag Optimize?			Yes		Yes	
Recall Mode	Max		Max		Max	Max
Act Effct Green (s)	31.0		45.0		61.0	61.0
Actuated g/C Ratio	0.31		0.45		0.61	0.61

11/3/2014

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Synchro 8 Report

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Lanes, Volumes, Timings

120 OLD POST ROAD, RYE, NY

1: THEODORE FREMD AVENUE & PLAYLAND ACCESS DRIVE

2014 EXISTING CONDITIONS, WEEKDAY A.M. PEAK HOUR

						
Lane Group	NWL	NWR	NET	NER	SWL	SWT
v/c Ratio	0.55		0.48		0.28	0.18
Control Delay	33.3		18.2		11.4	9.0
Queue Delay	0.0		0.0		0.0	0.0
Total Delay	33.3		18.2		11.4	9.0
LOS	C		B		B	A
Approach Delay	33.3		18.2			10.1
Approach LOS	C		B			B
Queue Length 50th (ft)	152		140		41	51
Queue Length 95th (ft)	236		223		70	83
Internal Link Dist (ft)	295		706			851
Turn Bay Length (ft)					150	
Base Capacity (vph)	528		817		586	1136
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	0.55		0.48		0.28	0.18

#### Intersection Summary

Area Type: Other

Cycle Length: 100

Actuated Cycle Length: 100

Natural Cycle: 100

Control Type: Semi Act-Uncoord

Maximum v/c Ratio: 0.55

Intersection Signal Delay: 19.6










Intersection LOS: B

Intersection Capacity Utilization 53.6%

ICU Level of Service A

Analysis Period (min) 15

#### Splits and Phases: 1: THEODORE FREMD AVENUE & PLAYLAND ACCESS DRIVE





















CA-3

Lanes, Volumes, Timings

120 OLD POST ROAD, RYE, NY

5: MEDICAL A.D./PLAYLAND PKWY EB RAMPS & PLAYLAND A.D.

2014 EXISTING CONDITIONS, WEEKDAY A.M. PEAK HOUR

												
Lane Group	SEL	SET	SER	NWL	NWT	NWR	NEL	NET	NER	SWL	SWT	SWR
Lane Configurations												
Volume (vph)	43	245	66	23	57	25	25	2	26	165	53	503
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	12	12	12	12	12
Grade (%)		0%			0%			0%			0%	
Storage Length (ft)	0		0	0		0	0		75	0		0
Storage Lanes	0		0	0		0	0		1	0		1
Taper Length (ft)	25			25			25			25		
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
Ped Bike Factor												
Frt		0.975			0.968				0.850			0.850
Flt Protected		0.994			0.989			0.955			0.964	
Satd. Flow (prot)	0	1805	0	0	1783	0	0	1779	1583	0	1796	1583
Flt Permitted		0.994			0.989			0.955			0.964	
Satd. Flow (perm)	0	1805	0	0	1783	0	0	1779	1583	0	1796	1583
Link Speed (mph)		30			30			30			30	
Link Distance (ft)		563			484			289			91	
Travel Time (s)		12.8			11.0			6.6			2.1	
Confl. Peds. (#/hr)												
Confl. Bikes (#/hr)												
Peak Hour Factor	0.89	0.89	0.89	0.89	0.89	0.89	0.89	0.89	0.89	0.89	0.89	0.89
Growth Factor	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
Heavy Vehicles (%)	2%	2%	2%	2%	2%	2%	2%	2%	2%	2%	2%	2%
Bus Blockages (#/hr)	0	0	0	0	0	0	0	0	0	0	0	0
Parking (#/hr)												
Mid-Block Traffic (%)		0%			0%			0%			0%	
Adj. Flow (vph)	48	275	74	26	64	28	28	2	29	185	60	565
Shared Lane Traffic (%)												
Lane Group Flow (vph)	0	397	0	0	118	0	0	30	29	0	245	565
Sign Control		Free			Free			Stop			Stop	

#### Intersection Summary

Area Type: Other

Control Type: Unsignalized

Intersection Capacity Utilization 50.3%

ICU Level of Service A

Analysis Period (min) 15



















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# HCM Unsignalized Intersection Capacity Analysis

120 OLD POST ROAD, RYE, NY

5: MEDICAL A.D./PLAYLAND PKWY EB RAMPS & PLAYLAND A.D.

2014 EXISTING CONDITIONS, WEEKDAY A.M. PEAK HOUR

												
Movement	SEL	SET	SER	NWL	NWT	NWR	NEL	NET	NER	SWL	SWT	SWR
Lane Configurations												
Volume (veh/h)	43	245	66	23	57	25	25	2	26	165	53	503
Sign Control		Free			Free			Stop			Stop	
Grade		0%			0%			0%			0%	
Peak Hour Factor	0.89	0.89	0.89	0.89	0.89	0.89	0.89	0.89	0.89	0.89	0.89	0.89
Hourly flow rate (vph)	48	275	74	26	64	28	28	2	29	185	60	565
Pedestrians												
Lane Width (ft)												
Walking Speed (ft/s)												
Percent Blockage												
Right turn flare (veh)									3			
Median type		None			None							
Median storage (veh)												
Upstream signal (ft)		997										
pX, platoon unblocked												
vC, conflicting volume	92			349			1134	553	312	554	576	78
vC1, stage 1 conf vol												
vC2, stage 2 conf vol												
vCu, unblocked vol	92			349			1134	553	312	554	576	78
tC, single (s)	4.1			4.1			7.1	6.5	6.2	7.1	6.5	6.2
tC, 2 stage (s)												
tF (s)	2.2			2.2			3.5	4.0	3.3	3.5	4.0	3.3
p0 queue free %	97			98			57	99	96	54	85	42
cM capacity (veh/h)	1503			1209			65	418	728	406	405	983
Direction, Lane #	SE 1	NW 1	NE 1	SW 1	SW 2							
Volume Total	398	118	60	245	565							
Volume Left	48	26	28	185	0							
Volume Right	74	28	29	0	565							
cSH	1503	1209	179	406	983							
Volume to Capacity	0.03	0.02	0.33	0.60	0.58							
Queue Length 95th (ft)	2	2	34	96	95							
Control Delay (s)	1.2	1.9	37.1	26.5	13.5							
Lane LOS	A	A	E	D	B							
Approach Delay (s)	1.2	1.9	37.1	17.4								
Approach LOS			E	C								
Intersection Summary												
Average Delay			12.3									
Intersection Capacity Utilization			50.3%		ICU Level of Service				A			
Analysis Period (min)			15									

11/3/2014

FREDERICK P. CLARK ASSOCIATES, INC. - STC

Synchro 8 Report










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Lanes, Volumes, Timings

120 OLD POST ROAD, RYE, NY

7: OFFICE ACCESS DRIVE & PLAYLAND ACCESS DRIVE/PLAYLAND A.D2014 EXISTING CONDITIONS, WEEKDAY A.M. PEAK HOUR

						
Lane Group	SET	SER	NWL	NWT	NEL	NER
Lane Configurations						
Volume (vph)	435	1	2	104	1	0
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900
Lane Width (ft)	12	12	12	12	12	12
Grade (%)	0%			0%	0%	
Storage Length (ft)		0	0		0	0
Storage Lanes		0	0		1	0
Taper Length (ft)			25		25	
Lane Util. Factor	1.00	1.00	1.00	1.00	1.00	1.00
Ped Bike Factor						
Frt						
Flt Protected				0.999	0.950	
Satd. Flow (prot)	1863	0	0	1861	1770	0
Flt Permitted				0.999	0.950	
Satd. Flow (perm)	1863	0	0	1861	1770	0
Link Speed (mph)	30			30	30	
Link Distance (ft)	484			139	157	
Travel Time (s)	11.0			3.2	3.6	
Confl. Peds. (#/hr)						
Confl. Bikes (#/hr)						
Peak Hour Factor	0.98	0.98	0.98	0.98	0.98	0.98
Growth Factor	100%	100%	100%	100%	100%	100%
Heavy Vehicles (%)	2%	2%	2%	2%	2%	2%
Bus Blockages (#/hr)	0	0	0	0	0	0
Parking (#/hr)						
Mid-Block Traffic (%)	0%			0%	0%	
Adj. Flow (vph)	444	1	2	106	1	0
Shared Lane Traffic (%)						
Lane Group Flow (vph)	445	0	0	108	1	0
Sign Control	Free			Free	Stop	

#### Intersection Summary

Area Type: Other

Control Type: Unsignalized

Intersection Capacity Utilization 33.0%

ICU Level of Service A

Analysis Period (min) 15

11/3/2014

FREDERICK P. CLARK ASSOCIATES, INC. - STC

Synchro 8 Report










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CIA-6

# HCM Unsignalized Intersection Capacity Analysis

120 OLD POST ROAD, RYE, NY

7: OFFICE ACCESS DRIVE & PLAYLAND ACCESS DRIVE/PLAYLAND A.D2014 EXISTING CONDITIONS, WEEKDAY A.M. PEAK HOUR

						
Movement	SET	SER	NWL	NWT	NEL	NER
Lane Configurations						
Volume (veh/h)	435	1	2	104	1	0
Sign Control	Free			Free	Stop	
Grade	0%			0%	0%	
Peak Hour Factor	0.98	0.98	0.98	0.98	0.98	0.98
Hourly flow rate (vph)	444	1	2	106	1	0
Pedestrians						
Lane Width (ft)						
Walking Speed (ft/s)						
Percent Blockage						
Right turn flare (veh)						
Median type	None			None		
Median storage (veh)						
Upstream signal (ft)						
pX, platoon unblocked						
vC, conflicting volume			445		555	444
vC1, stage 1 conf vol						
vC2, stage 2 conf vol						
vCu, unblocked vol			445		555	444
tC, single (s)			4.1		6.4	6.2
tC, 2 stage (s)						
tF (s)			2.2		3.5	3.3
p0 queue free %			100		100	100
cM capacity (veh/h)			1115		492	614
Direction, Lane #	SE 1	NW 1	NE 1			
Volume Total	445	108	1			
Volume Left	0	2	1			
Volume Right	1	0	0			
cSH	1700	1115	492			
Volume to Capacity	0.26	0.00	0.00			
Queue Length 95th (ft)	0	0	0			
Control Delay (s)	0.0	0.2	12.3			
Lane LOS		A	B			
Approach Delay (s)	0.0	0.2	12.3			
Approach LOS			B			
<b>Intersection Summary</b>						
Average Delay			0.1			
Intersection Capacity Utilization			33.0%	ICU Level of Service	A	
Analysis Period (min)			15			

11/3/2014

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

Synchro 8 Report

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Lanes, Volumes, Timings  
8: OLD POST ROAD & PLAYLAND ACCESS DRIVE

120 OLD POST ROAD, RYE, NY  
2014 EXISTING CONDITIONS, WEEKDAY A.M. PEAK HOUR

						
Lane Group	SEL	SER	NEL	NET	SWT	SWR
Lane Configurations						
Volume (vph)	290	145	19	295	206	87
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900
Lane Width (ft)	12	12	12	12	12	12
Grade (%)	0%			0%	0%	
Storage Length (ft)	0	0	0			0
Storage Lanes	1	0	0			0
Taper Length (ft)	25		25			
Lane Util. Factor	1.00	1.00	1.00	1.00	1.00	1.00
Ped Bike Factor						
Frt	0.955				0.960	
Flt Protected	0.968			0.997		
Satd. Flow (prot)	1722	0	0	1857	1788	0
Flt Permitted	0.968			0.997		
Satd. Flow (perm)	1722	0	0	1857	1788	0
Link Speed (mph)	30			30	30	
Link Distance (ft)	139			484	335	
Travel Time (s)	3.2			11.0	7.6	
Confl. Peds. (#/hr)			7			7
Confl. Bikes (#/hr)						
Peak Hour Factor	0.92	0.92	0.93	0.93	0.96	0.96
Growth Factor	100%	100%	100%	100%	100%	100%
Heavy Vehicles (%)	2%	2%	2%	2%	2%	2%
Bus Blockages (#/hr)	0	0	0	0	0	0
Parking (#/hr)						
Mid-Block Traffic (%)	0%			0%	0%	
Adj. Flow (vph)	315	158	20	317	215	91
Shared Lane Traffic (%)						
Lane Group Flow (vph)	473	0	0	337	306	0
Sign Control	Stop			Free	Free	

#### Intersection Summary

Area Type: Other

Control Type: Unsignalized

Intersection Capacity Utilization 62.7%










ICU Level of Service B

Analysis Period (min) 15

CA-8

HCM Unsignalized Intersection Capacity Analysis  
 8: OLD POST ROAD & PLAYLAND ACCESS DRIVE

120 OLD POST ROAD, RYE, NY  
 2014 EXISTING CONDITIONS, WEEKDAY A.M. PEAK HOUR

						
Movement	SEL	SER	NEL	NET	SWT	SWR
Lane Configurations						
Volume (veh/h)	290	145	19	295	206	87
Sign Control	Stop			Free	Free	
Grade	0%			0%	0%	
Peak Hour Factor	0.92	0.92	0.93	0.93	0.96	0.96
Hourly flow rate (vph)	315	158	20	317	215	91
Pedestrians	7					
Lane Width (ft)	12.0					
Walking Speed (ft/s)	4.0					
Percent Blockage	1					
Right turn flare (veh)						
Median type				None	None	
Median storage (veh)						
Upstream signal (ft)						
pX, platoon unblocked						
vC, conflicting volume	625	267	312			
vC1, stage 1 conf vol						
vC2, stage 2 conf vol						
vCu, unblocked vol	625	267	312			
tC, single (s)	6.4	6.2	4.1			
tC, 2 stage (s)						
tF (s)	3.5	3.3	2.2			
p0 queue free %	28	79	98			
cM capacity (veh/h)	439	767	1241			
Direction, Lane #	SE 1	NE 1	SW 1			
Volume Total	473	338	305			
Volume Left	315	20	0			
Volume Right	158	0	91			
cSH	512	1241	1700			
Volume to Capacity	0.92	0.02	0.18			
Queue Length 95th (ft)	278	1	0			
Control Delay (s)	51.7	0.6	0.0			
Lane LOS	F	A				
Approach Delay (s)	51.7	0.6	0.0			
Approach LOS	F					
<b>Intersection Summary</b>						
Average Delay			22.1			
Intersection Capacity Utilization			62.7%	ICU Level of Service		B
Analysis Period (min)			15			












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## Lanes, Volumes, Timings

120 OLD POST ROAD, RYE, NY

9: OLD POST ROAD &amp; NYS THRUWAY ACCESS DRIVE

2014 EXISTING CONDITIONS, WEEKDAY A.M. PEAK HOUR

						
Lane Group	SEL	SER	NEL	NET	SWT	SWR
Lane Configurations						
Volume (vph)	45	136	513	72	157	106
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900
Lane Width (ft)	12	12	12	12	12	12
Grade (%)	0%			0%	0%	
Storage Length (ft)	0	0	0			0
Storage Lanes	1	0	0			0
Taper Length (ft)	25		25			
Lane Util. Factor	1.00	1.00	1.00	1.00	1.00	1.00
Ped Bike Factor						
Frt	0.899				0.946	
Flt Protected	0.988			0.958		
Satd. Flow (prot)	1655	0	0	1785	1762	0
Flt Permitted	0.988			0.958		
Satd. Flow (perm)	1655	0	0	1785	1762	0
Link Speed (mph)	30			30	30	
Link Distance (ft)	589			335	220	
Travel Time (s)	13.4			7.6	5.0	
Confl. Peds. (#/hr)						
Confl. Bikes (#/hr)						
Peak Hour Factor	0.89	0.89	0.89	0.89	0.89	0.89
Growth Factor	100%	100%	100%	100%	100%	100%
Heavy Vehicles (%)	2%	2%	2%	2%	2%	2%
Bus Blockages (#/hr)	0	0	0	0	0	0
Parking (#/hr)						
Mid-Block Traffic (%)	0%			0%	0%	
Adj. Flow (vph)	51	153	576	81	176	119
Shared Lane Traffic (%)						
Lane Group Flow (vph)	204	0	0	657	295	0
Sign Control	Stop			Free	Free	

## Intersection Summary

Area Type: Other

Control Type: Unsignalized










Intersection Capacity Utilization 67.8%

ICU Level of Service C

Analysis Period (min) 15

HCM Unsignalized Intersection Capacity Analysis  
9: OLD POST ROAD & NYS THRUWAY ACCESS DRIVE

120 OLD POST ROAD, RYE, NY  
2014 EXISTING CONDITIONS, WEEKDAY A.M. PEAK HOUR

						
Movement	SEL	SER	NEL	NET	SWT	SWR
Lane Configurations						
Volume (veh/h)	45	136	513	72	157	106
Sign Control	Stop			Free	Free	
Grade	0%			0%	0%	
Peak Hour Factor	0.89	0.89	0.89	0.89	0.89	0.89
Hourly flow rate (vph)	51	153	576	81	176	119
Pedestrians						
Lane Width (ft)						
Walking Speed (ft/s)						
Percent Blockage						
Right turn flare (veh)						
Median type				None	None	
Median storage veh						
Upstream signal (ft)						
pX, platoon unblocked						
vC, conflicting volume	1470	236	296			
vC1, stage 1 conf vol						
vC2, stage 2 conf vol						
vCu, unblocked vol	1470	236	296			
tC, single (s)	6.4	6.2	4.1			
tC, 2 stage (s)						
tF (s)	3.5	3.3	2.2			
p0 queue free %	34	81	54			
cM capacity (veh/h)	76	803	1266			
Direction, Lane #	SE 1	NE 1	SW 1			
Volume Total	203	657	296			
Volume Left	51	576	0			
Volume Right	153	0	119			
cSH	239	1266	1700			
Volume to Capacity	0.85	0.46	0.17			
Queue Length 95th (ft)	170	61	0			
Control Delay (s)	69.8	9.5	0.0			
Lane LOS	F	A				
Approach Delay (s)	69.8	9.5	0.0			
Approach LOS	F					
Intersection Summary						
Average Delay			17.7			
Intersection Capacity Utilization		67.8%		ICU Level of Service	C	
Analysis Period (min)			15			











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Lanes, Volumes, Timings

120 OLD POST ROAD, RYE, NY

1: THEODORE FREMD AVENUE & PLAYLAND ACCESS DRIVE

2014 EXISTING CONDITIONS, WEEKDAY P.M. PEAK HOUR

						
Lane Group	NWL	NWR	NET	NER	SWL	SWT
Lane Configurations						
Volume (vph)	138	121	207	112	77	212
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900
Lane Width (ft)	12	12	12	12	12	12
Grade (%)	0%		0%			0%
Storage Length (ft)	0	0		0	150	
Storage Lanes	1	0		0	1	
Taper Length (ft)	25				25	
Lane Util. Factor	1.00	1.00	1.00	1.00	1.00	1.00
Ped Bike Factor						
Frt	0.937		0.953			
Flt Protected	0.974				0.950	
Satd. Flow (prot)	1700	0	1775	0	1770	1863
Flt Permitted	0.974				0.459	
Satd. Flow (perm)	1700	0	1775	0	855	1863
Right Turn on Red		No		Yes		
Satd. Flow (RTOR)			35			
Link Speed (mph)	30		30			30
Link Distance (ft)	375		786			931
Travel Time (s)	8.5		17.9			21.2
Confl. Peds. (#/hr)						
Confl. Bikes (#/hr)						
Peak Hour Factor	0.91	0.91	0.91	0.91	0.91	0.91
Growth Factor	100%	100%	100%	100%	100%	100%
Heavy Vehicles (%)	2%	2%	2%	2%	2%	2%
Bus Blockages (#/hr)	0	0	0	0	0	0
Parking (#/hr)						
Mid-Block Traffic (%)	0%		0%			0%
Adj. Flow (vph)	152	133	227	123	85	233
Shared Lane Traffic (%)						
Lane Group Flow (vph)	285	0	350	0	85	233
Turn Type	Prot		NA		pm+pt	NA
Protected Phases	4		2		1	5
Permitted Phases					5	
Detector Phase	4		2		1	5
Switch Phase						
Minimum Initial (s)	4.0		4.0		4.0	4.0
Minimum Split (s)	35.0		49.0		16.0	65.0
Total Split (s)	35.0		49.0		16.0	65.0
Total Split (%)	35.0%		49.0%		16.0%	65.0%
Yellow Time (s)	3.5		3.5		3.5	3.5
All-Red Time (s)	0.5		0.5		0.5	0.5
Lost Time Adjust (s)	0.0		0.0		0.0	0.0
Total Lost Time (s)	4.0		4.0		4.0	4.0
Lead/Lag			Lead		Lag	
Lead-Lag Optimize?			Yes		Yes	
Recall Mode	Max		Max		None	Max
Act Effct Green (s)	31.0		48.2		61.0	61.0
Actuated g/C Ratio	0.31		0.48		0.61	0.61

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FREDERICK P. CLARK ASSOCIATES, INC. - STC

Synchro 8 Report

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Lanes, Volumes, Timings

120 OLD POST ROAD, RYE, NY

1: THEODORE FREMD AVENUE & PLAYLAND ACCESS DRIVE

2014 EXISTING CONDITIONS, WEEKDAY P.M. PEAK HOUR

						
Lane Group	NWL	NWR	NET	NER	SWL	SWT
v/c Ratio	0.54		0.40		0.14	0.21
Control Delay	33.2		17.6		9.2	9.3
Queue Delay	0.0		0.0		0.0	0.0
Total Delay	33.2		17.6		9.2	9.3
LOS	C		B		A	A
Approach Delay	33.2		17.6			9.3
Approach LOS	C		B			A
Queue Length 50th (ft)	150		132		20	61
Queue Length 95th (ft)	234		207		40	97
Internal Link Dist (ft)	295		706			851
Turn Bay Length (ft)					150	
Base Capacity (vph)	527		874		631	1136
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	0.54		0.40		0.13	0.21

#### Intersection Summary

Area Type: Other

Cycle Length: 100

Actuated Cycle Length: 100

Natural Cycle: 100

Control Type: Semi Act-Uncoord

Maximum v/c Ratio: 0.54

Intersection Signal Delay: 19.5





Intersection Capacity Utilization 47.0%

Analysis Period (min) 15

Intersection LOS: B

ICU Level of Service A

#### Splits and Phases: 1: THEODORE FREMD AVENUE & PLAYLAND ACCESS DRIVE

 p2	 p1	 p4
 p5		

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Lanes, Volumes, Timings

120 OLD POST ROAD, RYE, NY

5: MEDICAL OFFICE A.D./PLAYLAND PKWY EB RAMP & PLAYLAND A.D. 2014 EXISTING CONDITIONS, WEEKDAY P.M. PEAK HOUR

												
Lane Group	SEL	SET	SER	NWL	NWT	NWR	NEL	NET	NER	SWL	SWT	SWR
Lane Configurations												
Volume (vph)	47	259	15	6	43	37	29	2	39	123	10	229
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	12	12	12	12	12
Grade (%)		0%			0%			0%			0%	
Storage Length (ft)	0		0	0		0	0		75	0		0
Storage Lanes	0		0	0		0	0		1	0		1
Taper Length (ft)	25			25			25			25		
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
Ped Bike Factor												
Frt		0.994			0.942				0.850			0.850
Flt Protected		0.993			0.996			0.955			0.956	
Satd. Flow (prot)	0	1839	0	0	1748	0	0	1779	1583	0	1781	1583
Flt Permitted		0.993			0.996			0.955			0.956	
Satd. Flow (perm)	0	1839	0	0	1748	0	0	1779	1583	0	1781	1583
Link Speed (mph)		30			30			30			30	
Link Distance (ft)		563			484			289			91	
Travel Time (s)		12.8			11.0			6.6			2.1	
Confl. Peds. (#/hr)												
Confl. Bikes (#/hr)												
Peak Hour Factor	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80
Growth Factor	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
Heavy Vehicles (%)	2%	2%	2%	2%	2%	2%	2%	2%	2%	2%	2%	2%
Bus Blockages (#/hr)	0	0	0	0	0	0	0	0	0	0	0	0
Parking (#/hr)												
Mid-Block Traffic (%)		0%			0%			0%			0%	
Adj. Flow (vph)	59	324	19	8	54	46	36	3	49	154	13	286
Shared Lane Traffic (%)												
Lane Group Flow (vph)	0	402	0	0	108	0	0	38	49	0	166	286
Sign Control		Free			Free			Stop			Stop	

#### Intersection Summary

Area Type: Other

Control Type: Unsignalized

Intersection Capacity Utilization 44.5%

ICU Level of Service A

Analysis Period (min) 15

11/3/2014

FREDERICK P. CLARK ASSOCIATES, INC. - STC

Synchro 8 Report



















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# HCM Unsignalized Intersection Capacity Analysis

120 OLD POST ROAD, RYE, NY

5: MEDICAL OFFICE A.D./PLAYLAND PKWY EB RAMPS & PLAYLAND A.D. 2014 EXISTING CONDITIONS, WEEKDAY P.M. PEAK HOUR

												
Movement	SEL	SET	SER	NWL	NWT	NWR	NEL	NET	NER	SWL	SWT	SWR
Lane Configurations												
Volume (veh/h)	47	259	15	6	43	37	29	2	39	123	10	229
Sign Control		Free			Free			Stop			Stop	
Grade		0%			0%			0%			0%	
Peak Hour Factor	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80
Hourly flow rate (vph)	59	324	19	8	54	46	36	2	49	154	12	286
Pedestrians												
Lane Width (ft)												
Walking Speed (ft/s)												
Percent Blockage												
Right turn flare (veh)									3			
Median type		None			None							
Median storage (veh)												
Upstream signal (ft)		997										
pX, platoon unblocked												
vC, conflicting volume	100			342			835	566	333	568	552	77
vC1, stage 1 conf vol												
vC2, stage 2 conf vol												
vCu, unblocked vol	100			342			835	566	333	568	552	77
tC, single (s)	4.1			4.1			7.1	6.5	6.2	7.1	6.5	6.2
tC, 2 stage (s)												
tF (s)	2.2			2.2			3.5	4.0	3.3	3.5	4.0	3.3
p0 queue free %	96			99			81	99	93	60	97	71
cM capacity (veh/h)	1493			1217			192	414	709	388	422	984
Direction, Lane #	SE 1	NW 1	NE 1	SW 1	SW 2							
Volume Total	401	108	88	166	286							
Volume Left	59	8	36	154	0							
Volume Right	19	46	49	0	286							
cSH	1493	1217	466	390	984							
Volume to Capacity	0.04	0.01	0.19	0.43	0.29							
Queue Length 95th (ft)	3	0	17	52	30							
Control Delay (s)	1.4	0.6	17.5	20.9	10.2							
Lane LOS	A	A	C	C	B							
Approach Delay (s)	1.4	0.6	17.5	14.1								
Approach LOS			C	B								
Intersection Summary												
Average Delay			8.1									
Intersection Capacity Utilization			44.5%		ICU Level of Service				A			
Analysis Period (min)			15									

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Synchro 8 Report










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Lanes, Volumes, Timings

120 OLD POST ROAD, RYE, NY

7: OFFICE ACCESS DRIVE &amp; PLAYLAND ACCESS DRIVE/PLAYLAND A.D2014 EXISTING CONDITIONS, WEEKDAY P.M. PEAK HOUR

						
Lane Group	SET	SER	NWL	NWT	NEL	NER
Lane Configurations						
Volume (vph)	425	1	2	83	1	2
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900
Lane Width (ft)	12	12	12	12	12	12
Grade (%)	0%			0%	0%	
Storage Length (ft)		0	0		0	0
Storage Lanes		0	0		1	0
Taper Length (ft)			25		25	
Lane Util. Factor	1.00	1.00	1.00	1.00	1.00	1.00
Ped Bike Factor						
Frt					0.910	
Flt Protected				0.999	0.984	
Satd. Flow (prot)	1863	0	0	1861	1668	0
Flt Permitted				0.999	0.984	
Satd. Flow (perm)	1863	0	0	1861	1668	0
Link Speed (mph)	30			30	30	
Link Distance (ft)	484			139	157	
Travel Time (s)	11.0			3.2	3.6	
Confl. Peds. (#/hr)						
Confl. Bikes (#/hr)						
Peak Hour Factor	0.96	0.96	0.96	0.96	0.96	0.96
Growth Factor	100%	100%	100%	100%	100%	100%
Heavy Vehicles (%)	2%	2%	2%	2%	2%	2%
Bus Blockages (#/hr)	0	0	0	0	0	0
Parking (#/hr)						
Mid-Block Traffic (%)	0%			0%	0%	
Adj. Flow (vph)	443	1	2	86	1	2
Shared Lane Traffic (%)						
Lane Group Flow (vph)	444	0	0	88	3	0
Sign Control	Free			Free	Stop	

## Intersection Summary

Area Type: Other

Control Type: Unsignalized

Intersection Capacity Utilization 32.4%

ICU Level of Service A










Analysis Period (min) 15

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## HCM Unsignalized Intersection Capacity Analysis

120 OLD POST ROAD, RYE, NY

7: OFFICE ACCESS DRIVE &amp; PLAYLAND ACCESS DRIVE/PLAYLAND A.D2014 EXISTING CONDITIONS, WEEKDAY P.M. PEAK HOUR

						
Movement	SET	SER	NWL	NWT	NEL	NER
Lane Configurations						
Volume (veh/h)	425	1	2	83	1	2
Sign Control	Free			Free	Stop	
Grade	0%			0%	0%	
Peak Hour Factor	0.96	0.96	0.96	0.96	0.96	0.96
Hourly flow rate (vph)	443	1	2	86	1	2
Pedestrians						
Lane Width (ft)						
Walking Speed (ft/s)						
Percent Blockage						
Right turn flare (veh)						
Median type	None			None		
Median storage (veh)						
Upstream signal (ft)						
pX, platoon unblocked						
vC, conflicting volume			444		534	443
vC1, stage 1 conf vol						
vC2, stage 2 conf vol						
vCu, unblocked vol			444		534	443
tC, single (s)			4.1		6.4	6.2
tC, 2 stage (s)						
tF (s)			2.2		3.5	3.3
p0 queue free %			100		100	100
cM capacity (veh/h)			1116		506	615
Direction, Lane #	SE 1	NW 1	NE 1			
Volume Total	444	89	3			
Volume Left	0	2	1			
Volume Right	1	0	2			
cSH	1700	1116	573			
Volume to Capacity	0.26	0.00	0.01			
Queue Length 95th (ft)	0	0	0			
Control Delay (s)	0.0	0.2	11.3			
Lane LOS		A	B			
Approach Delay (s)	0.0	0.2	11.3			
Approach LOS			B			
Intersection Summary						
Average Delay			0.1			
Intersection Capacity Utilization			32.4%	ICU Level of Service	A	
Analysis Period (min)			15			










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Lanes, Volumes, Timings

8: OLD POST ROAD & PLAYLAND ACCESS DRIVE

120 OLD POST ROAD, RYE, NY

2014 EXISTING CONDITIONS, WEEKDAY P.M. PEAK HOUR

						
Lane Group	SEL	SER	NEL	NET	SWT	SWR
Lane Configurations						
Volume (vph)	322	105	10	190	112	75
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900
Lane Width (ft)	12	12	12	12	12	12
Grade (%)	0%			0%	0%	
Storage Length (ft)	0	0	0			0
Storage Lanes	1	0	0			0
Taper Length (ft)	25		25			
Lane Util. Factor	1.00	1.00	1.00	1.00	1.00	1.00
Ped Bike Factor						
Frt	0.967				0.946	
Flt Protected	0.964			0.998		
Satd. Flow (prot)	1736	0	0	1859	1762	0
Flt Permitted	0.964			0.998		
Satd. Flow (perm)	1736	0	0	1859	1762	0
Link Speed (mph)	30			30	30	
Link Distance (ft)	139			484	335	
Travel Time (s)	3.2			11.0	7.6	
Confl. Peds. (#/hr)						
Confl. Bikes (#/hr)						
Peak Hour Factor	0.88	0.88	0.88	0.88	0.88	0.88
Growth Factor	100%	100%	100%	100%	100%	100%
Heavy Vehicles (%)	2%	2%	2%	2%	2%	2%
Bus Blockages (#/hr)	0	0	0	0	0	0
Parking (#/hr)						
Mid-Block Traffic (%)	0%			0%	0%	
Adj. Flow (vph)	366	119	11	216	127	85
Shared Lane Traffic (%)						
Lane Group Flow (vph)	485	0	0	227	212	0
Sign Control	Stop			Free	Free	

#### Intersection Summary

Area Type: Other

Control Type: Unsignalized










Intersection Capacity Utilization 49.1%

ICU Level of Service A

Analysis Period (min) 15

HCM Unsignalized Intersection Capacity Analysis  
8: OLD POST ROAD & PLAYLAND ACCESS DRIVE

120 OLD POST ROAD, RYE, NY  
2014 EXISTING CONDITIONS, WEEKDAY P.M. PEAK HOUR

						
Movement	SEL	SER	NEL	NET	SWT	SWR
Lane Configurations						
Volume (veh/h)	322	105	10	190	112	75
Sign Control	Stop			Free	Free	
Grade	0%			0%	0%	
Peak Hour Factor	0.88	0.88	0.88	0.88	0.88	0.88
Hourly flow rate (vph)	366	119	11	216	127	85
Pedestrians						
Lane Width (ft)						
Walking Speed (ft/s)						
Percent Blockage						
Right turn flare (veh)						
Median type				None	None	
Median storage (veh)						
Upstream signal (ft)						
pX, platoon unblocked						
vC, conflicting volume	409	170	212			
vC1, stage 1 conf vol						
vC2, stage 2 conf vol						
vCu, unblocked vol	409	170	212			
tC, single (s)	6.4	6.2	4.1			
tC, 2 stage (s)						
tF (s)	3.5	3.3	2.2			
p0 queue free %	38	86	99			
cM capacity (veh/h)	594	874	1358			
Direction, Lane #	SE 1	NE 1	SW 1			
Volume Total	485	227	212			
Volume Left	366	11	0			
Volume Right	119	0	85			
cSH	645	1358	1700			
Volume to Capacity	0.75	0.01	0.13			
Queue Length 95th (ft)	170	1	0			
Control Delay (s)	25.6	0.5	0.0			
Lane LOS	D	A				
Approach Delay (s)	25.6	0.5	0.0			
Approach LOS	D					
<b>Intersection Summary</b>						
Average Delay			13.5			
Intersection Capacity Utilization			49.1%	ICU Level of Service	A	
Analysis Period (min)			15			










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Lanes, Volumes, Timings

120 OLD POST ROAD, RYE, NY

9: OLD POST ROAD & NYS THRUWAY ACCESS DRIVE

2014 EXISTING CONDITIONS, WEEKDAY P.M. PEAK HOUR

						
Lane Group	SEL	SER	NEL	NET	SWT	SWR
Lane Configurations						
Volume (vph)	25	42	411	101	145	128
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900
Lane Width (ft)	12	12	12	12	12	12
Grade (%)	0%			0%	0%	
Storage Length (ft)	0	0	0			0
Storage Lanes	1	0	0			0
Taper Length (ft)	25		25			
Lane Util. Factor	1.00	1.00	1.00	1.00	1.00	1.00
Ped Bike Factor						
Frt	0.916				0.937	
Flt Protected	0.982			0.961		
Satd. Flow (prot)	1676	0	0	1790	1745	0
Flt Permitted	0.982			0.961		
Satd. Flow (perm)	1676	0	0	1790	1745	0
Link Speed (mph)	30			30	30	
Link Distance (ft)	589			335	220	
Travel Time (s)	13.4			7.6	5.0	
Confl. Peds. (#/hr)						
Confl. Bikes (#/hr)						
Peak Hour Factor	0.87	0.87	0.87	0.87	0.87	0.87
Growth Factor	100%	100%	100%	100%	100%	100%
Heavy Vehicles (%)	2%	2%	2%	2%	2%	2%
Bus Blockages (#/hr)	0	0	0	0	0	0
Parking (#/hr)						
Mid-Block Traffic (%)	0%			0%	0%	
Adj. Flow (vph)	29	48	472	116	167	147
Shared Lane Traffic (%)						
Lane Group Flow (vph)	77	0	0	588	314	0
Sign Control	Stop			Free	Free	

#### Intersection Summary

Area Type: Other

Control Type: Unsignalized

Intersection Capacity Utilization 57.5%

ICU Level of Service B

Analysis Period (min) 15

11/3/2014










FREDERICK P. CLARK ASSOCIATES, INC. - STC

Synchro 8 Report

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HCM Unsignalized Intersection Capacity Analysis  
 9: OLD POST ROAD & NYS THRUWAY ACCESS DRIVE

120 OLD POST ROAD, RYE, NY  
 2014 EXISTING CONDITIONS, WEEKDAY P.M. PEAK HOUR

						
Movement	SEL	SER	NEL	NET	SWT	SWR
Lane Configurations						
Volume (veh/h)	25	42	411	101	145	128
Sign Control	Stop			Free	Free	
Grade	0%			0%	0%	
Peak Hour Factor	0.87	0.87	0.87	0.87	0.87	0.87
Hourly flow rate (vph)	29	48	472	116	167	147
Pedestrians						
Lane Width (ft)						
Walking Speed (ft/s)						
Percent Blockage						
Right turn flare (veh)						
Median type				None	None	
Median storage (veh)						
Upstream signal (ft)						
pX, platoon unblocked						
vC, conflicting volume	1301	240	314			
vC1, stage 1 conf vol						
vC2, stage 2 conf vol						
vCu, unblocked vol	1301	240	314			
tC, single (s)	6.4	6.2	4.1			
tC, 2 stage (s)						
tF (s)	3.5	3.3	2.2			
p0 queue free %	74	94	62			
cM capacity (veh/h)	110	799	1246			
Direction, Lane #	SE 1	NE 1	SW 1			
Volume Total	77	589	314			
Volume Left	29	472	0			
Volume Right	48	0	147			
cSH	240	1246	1700			
Volume to Capacity	0.32	0.38	0.18			
Queue Length 95th (ft)	33	45	0			
Control Delay (s)	26.9	8.5	0.0			
Lane LOS	D	A				
Approach Delay (s)	26.9	8.5	0.0			
Approach LOS	D					
Intersection Summary						
Average Delay			7.2			
Intersection Capacity Utilization			57.5%	ICU Level of Service		B
Analysis Period (min)			15			



# **CAPACITY ANALYSIS WORKSHEETS**

**2016 Background Conditions**











CA-21

Lanes, Volumes, Timings

120 OLD POST ROAD, RYE, NY

1: THEODORE FREMD AVENUE & PLAYLAND ACCESS DRIVE

2016 BACKGROUND CONDITIONS, WEEKDAY A.M. PEAK HOUR

						
Lane Group	NWL	NWR	NET	NER	SWL	SWT
Lane Configurations						
Volume (vph)	148	121	186	177	153	187
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900
Lane Width (ft)	12	12	12	12	12	12
Grade (%)	0%		0%			0%
Storage Length (ft)	0	0		0	150	
Storage Lanes	1	0		0	1	
Taper Length (ft)	25				25	
Lane Util. Factor	1.00	1.00	1.00	1.00	1.00	1.00
Ped Bike Factor						
Frt	0.939		0.934			
Flt Protected	0.973				0.950	
Satd. Flow (prot)	1702	0	1740	0	1770	1863
Flt Permitted	0.973				0.402	
Satd. Flow (perm)	1702	0	1740	0	749	1863
Right Turn on Red		No		Yes		
Satd. Flow (RTOR)			63			
Link Speed (mph)	30		30			30
Link Distance (ft)	375		786			931
Travel Time (s)	8.5		17.9			21.2
Confl. Peds. (#/hr)						
Confl. Bikes (#/hr)						
Peak Hour Factor	0.91	0.91	0.91	0.91	0.91	0.91
Growth Factor	100%	100%	100%	100%	100%	100%
Heavy Vehicles (%)	2%	2%	2%	2%	2%	2%
Bus Blockages (#/hr)	0	0	0	0	0	0
Parking (#/hr)						
Mid-Block Traffic (%)	0%		0%			0%
Adj. Flow (vph)	163	133	204	195	168	205
Shared Lane Traffic (%)						
Lane Group Flow (vph)	296	0	399	0	168	205
Turn Type	Prot		NA		pm+pt	NA
Protected Phases	4		2		1	5
Permitted Phases					5	
Detector Phase	4		2		1	5
Switch Phase						
Minimum Initial (s)	4.0		4.0		4.0	4.0
Minimum Split (s)	35.0		49.0		16.0	65.0
Total Split (s)	35.0		49.0		16.0	65.0
Total Split (%)	35.0%		49.0%		16.0%	65.0%
Yellow Time (s)	3.5		3.5		3.5	3.5
All-Red Time (s)	0.5		0.5		0.5	0.5
Lost Time Adjust (s)	0.0		0.0		0.0	0.0
Total Lost Time (s)	4.0		4.0		4.0	4.0
Lead/Lag			Lead		Lag	
Lead-Lag Optimize?			Yes		Yes	
Recall Mode	Max		Max		Max	Max
Act Effct Green (s)	31.0		45.0		61.0	61.0
Actuated g/C Ratio	0.31		0.45		0.61	0.61

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Synchro 8 Report

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Lanes, Volumes, Timings

120 OLD POST ROAD, RYE, NY

1: THEODORE FREMD AVENUE & PLAYLAND ACCESS DRIVE

2016 BACKGROUND CONDITIONS, WEEKDAY A.M. PEAK HOUR

						
Lane Group	NWL	NWR	NET	NER	SWL	SWT
v/c Ratio	0.56		0.49		0.29	0.18
Control Delay	33.8		18.5		11.7	9.0
Queue Delay	0.0		0.0		0.0	0.0
Total Delay	33.8		18.5		11.7	9.0
LOS	C		B		B	A
Approach Delay	33.8		18.5			10.2
Approach LOS	C		B			B
Queue Length 50th (ft)	157		145		43	53
Queue Length 95th (ft)	243		229		72	86
Internal Link Dist (ft)	295		706			851
Turn Bay Length (ft)					150	
Base Capacity (vph)	527		817		579	1136
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	0.56		0.49		0.29	0.18

Intersection Summary

Area Type: Other

Cycle Length: 100

Actuated Cycle Length: 100

Natural Cycle: 100

Control Type: Semi Act-Uncoord

Maximum v/c Ratio: 0.56

Intersection Signal Delay: 19.8





Intersection LOS: B

Intersection Capacity Utilization 54.7%

ICU Level of Service A

Analysis Period (min) 15

Splits and Phases: 1: THEODORE FREMD AVENUE & PLAYLAND ACCESS DRIVE



















		
		

CA-23

Lanes, Volumes, Timings

120 OLD POST ROAD, RYE, NY

5: MEDICAL A.D./PLAYLAND PKWY EB RAMPS & PLAYLAND A.D. 2016 BACKGROUND CONDITIONS, WEEKDAY A.M. PEAK HOUR

												
Lane Group	SEL	SET	SER	NWL	NWT	NWR	NEL	NET	NER	SWL	SWT	SWR
Lane Configurations												
Volume (vph)	45	251	67	23	58	26	26	2	27	167	54	515
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	12	12	12	12	12
Grade (%)		0%			0%			0%			0%	
Storage Length (ft)	0		0	0		0	0		75	0		0
Storage Lanes	0		0	0		0	0		1	0		1
Taper Length (ft)	25			25			25			25		
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
Ped Bike Factor												
Frt		0.975			0.967				0.850			0.850
Flt Protected		0.994			0.989			0.955			0.964	
Satd. Flow (prot)	0	1805	0	0	1781	0	0	1779	1583	0	1796	1583
Flt Permitted		0.994			0.989			0.955			0.964	
Satd. Flow (perm)	0	1805	0	0	1781	0	0	1779	1583	0	1796	1583
Link Speed (mph)		30			30			30			30	
Link Distance (ft)		563			484			289			91	
Travel Time (s)		12.8			11.0			6.6			2.1	
Confl. Peds. (#/hr)												
Confl. Bikes (#/hr)												
Peak Hour Factor	0.89	0.89	0.89	0.89	0.89	0.89	0.89	0.89	0.89	0.89	0.89	0.89
Growth Factor	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
Heavy Vehicles (%)	2%	2%	2%	2%	2%	2%	2%	2%	2%	2%	2%	2%
Bus Blockages (#/hr)	0	0	0	0	0	0	0	0	0	0	0	0
Parking (#/hr)												
Mid-Block Traffic (%)		0%			0%			0%			0%	
Adj. Flow (vph)	51	282	75	26	65	29	29	2	30	188	61	579
Shared Lane Traffic (%)												
Lane Group Flow (vph)	0	408	0	0	120	0	0	31	30	0	249	579
Sign Control		Free			Free			Stop			Stop	

#### Intersection Summary

Area Type: Other

Control Type: Unsignalized

Intersection Capacity Utilization 51.1%

ICU Level of Service A



















Analysis Period (min) 15

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## HCM Unsignalized Intersection Capacity Analysis

120 OLD POST ROAD, RYE, NY

5: MEDICAL A.D./PLAYLAND PKWY EB RAMP &amp; PLAYLAND A.D. 2016 BACKGROUND CONDITIONS, WEEKDAY A.M. PEAK HOUR

												
Movement	SEL	SET	SER	NWL	NWT	NWR	NEL	NET	NER	SWL	SWT	SWR
Lane Configurations												
Volume (veh/h)	45	251	67	23	58	26	26	2	27	167	54	515
Sign Control		Free			Free			Stop			Stop	
Grade		0%			0%			0%			0%	
Peak Hour Factor	0.89	0.89	0.89	0.89	0.89	0.89	0.89	0.89	0.89	0.89	0.89	0.89
Hourly flow rate (vph)	51	282	75	26	65	29	29	2	30	188	61	579
Pedestrians												
Lane Width (ft)												
Walking Speed (ft/s)												
Percent Blockage												
Right turn flare (veh)									3			
Median type		None			None							
Median storage (veh)												
Upstream signal (ft)		997										
pX, platoon unblocked												
vC, conflicting volume	94			357			1161	567	320	569	590	80
vC1, stage 1 conf vol												
vC2, stage 2 conf vol												
vCu, unblocked vol	94			357			1161	567	320	569	590	80
tC, single (s)	4.1			4.1			7.1	6.5	6.2	7.1	6.5	6.2
tC, 2 stage (s)												
tF (s)	2.2			2.2			3.5	4.0	3.3	3.5	4.0	3.3
p0 queue free %	97			98			51	99	96	53	85	41
cM capacity (veh/h)	1500			1201			60	410	721	396	397	980
Direction, Lane #	SE 1	NW 1	NE 1	SW 1	SW 2							
Volume Total	408	120	62	248	579							
Volume Left	51	26	29	188	0							
Volume Right	75	29	30	0	579							
cSH	1500	1201	166	396	980							
Volume to Capacity	0.03	0.02	0.37	0.63	0.59							
Queue Length 95th (ft)	3	2	40	103	100							
Control Delay (s)	1.2	1.9	41.0	28.1	13.8							
Lane LOS	A	A	E	D	B							
Approach Delay (s)	1.2	1.9	41.0	18.1								
Approach LOS			E	C								
<b>Intersection Summary</b>												
Average Delay			12.9									
Intersection Capacity Utilization			51.1%		ICU Level of Service				A			
Analysis Period (min)			15									










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Lanes, Volumes, Timings

120 OLD POST ROAD, RYE, NY

7: OFFICE ACCESS DRIVE & PLAYLAND A.D.

2016 BACKGROUND CONDITIONS, WEEKDAY A.M. PEAK HOUR

						
Lane Group	SET	SER	NWL	NWT	NEL	NER
Lane Configurations						
Volume (vph)	444	1	2	106	1	0
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900
Lane Width (ft)	12	12	12	12	12	12
Grade (%)	0%			0%	0%	
Storage Length (ft)		0	0		0	0
Storage Lanes		0	0		1	0
Taper Length (ft)			25		25	
Lane Util. Factor	1.00	1.00	1.00	1.00	1.00	1.00
Ped Bike Factor						
Frt						
Flt Protected				0.999	0.950	
Satd. Flow (prot)	1863	0	0	1861	1770	0
Flt Permitted				0.999	0.950	
Satd. Flow (perm)	1863	0	0	1861	1770	0
Link Speed (mph)	30			30	30	
Link Distance (ft)	484			139	157	
Travel Time (s)	11.0			3.2	3.6	
Confl. Peds. (#/hr)						
Confl. Bikes (#/hr)						
Peak Hour Factor	0.98	0.98	0.98	0.98	0.98	0.98
Growth Factor	100%	100%	100%	100%	100%	100%
Heavy Vehicles (%)	2%	2%	2%	2%	2%	2%
Bus Blockages (#/hr)	0	0	0	0	0	0
Parking (#/hr)						
Mid-Block Traffic (%)	0%			0%	0%	
Adj. Flow (vph)	453	1	2	108	1	0
Shared Lane Traffic (%)						
Lane Group Flow (vph)	454	0	0	110	1	0
Sign Control	Free			Free	Stop	

#### Intersection Summary

Area Type: Other

Control Type: Unsignalized

Intersection Capacity Utilization 33.4%










ICU Level of Service A

Analysis Period (min) 15



HCM Unsignalized Intersection Capacity Analysis  
7: OFFICE ACCESS DRIVE & PLAYLAND A.D.

120 OLD POST ROAD, RYE, NY  
2016 BACKGROUND CONDITIONS, WEEKDAY A.M. PEAK HOUR

						
Movement	SET	SER	NWL	NWT	NEL	NER
Lane Configurations						
Volume (veh/h)	444	1	2	106	1	0
Sign Control	Free			Free	Stop	
Grade	0%			0%	0%	
Peak Hour Factor	0.98	0.98	0.98	0.98	0.98	0.98
Hourly flow rate (vph)	453	1	2	108	1	0
Pedestrians						
Lane Width (ft)						
Walking Speed (ft/s)						
Percent Blockage						
Right turn flare (veh)						
Median type	None			None		
Median storage (veh)						
Upstream signal (ft)						
pX, platoon unblocked						
vC, conflicting volume			454		566	454
vC1, stage 1 conf vol						
vC2, stage 2 conf vol						
vCu, unblocked vol			454		566	454
tC, single (s)			4.1		6.4	6.2
tC, 2 stage (s)						
tF (s)			2.2		3.5	3.3
p0 queue free %			100		100	100
cM capacity (veh/h)			1107		485	606
Direction, Lane #	SE 1	NW 1	NE 1			
Volume Total	454	110	1			
Volume Left	0	2	1			
Volume Right	1	0	0			
cSH	1700	1107	485			
Volume to Capacity	0.27	0.00	0.00			
Queue Length 95th (ft)	0	0	0			
Control Delay (s)	0.0	0.2	12.4			
Lane LOS		A	B			
Approach Delay (s)	0.0	0.2	12.4			
Approach LOS			B			
<b>Intersection Summary</b>						
Average Delay			0.1			
Intersection Capacity Utilization			33.4%	ICU Level of Service		A
Analysis Period (min)			15			










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Lanes, Volumes, Timings

120 OLD POST ROAD, RYE, NY

8: OLD POST ROAD & PLAYLAND A.D.

2016 BACKGROUND CONDITIONS, WEEKDAY A.M. PEAK HOUR

						
Lane Group	SEL	SER	NEL	NET	SWT	SWR
Lane Configurations						
Volume (vph)	296	148	19	301	211	89
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900
Lane Width (ft)	12	12	12	12	12	12
Grade (%)	0%			0%	0%	
Storage Length (ft)	0	0	0			0
Storage Lanes	1	0	0			0
Taper Length (ft)	25		25			
Lane Util. Factor	1.00	1.00	1.00	1.00	1.00	1.00
Ped Bike Factor						
Frt	0.955				0.960	
Flt Protected	0.968			0.997		
Satd. Flow (prot)	1722	0	0	1857	1788	0
Flt Permitted	0.968			0.997		
Satd. Flow (perm)	1722	0	0	1857	1788	0
Link Speed (mph)	30			30	30	
Link Distance (ft)	139			484	335	
Travel Time (s)	3.2			11.0	7.6	
Confl. Peds. (#/hr)			7			7
Confl. Bikes (#/hr)						
Peak Hour Factor	0.92	0.92	0.93	0.93	0.96	0.96
Growth Factor	100%	100%	100%	100%	100%	100%
Heavy Vehicles (%)	2%	2%	2%	2%	2%	2%
Bus Blockages (#/hr)	0	0	0	0	0	0
Parking (#/hr)						
Mid-Block Traffic (%)	0%			0%	0%	
Adj. Flow (vph)	322	161	20	324	220	93
Shared Lane Traffic (%)						
Lane Group Flow (vph)	483	0	0	344	313	0
Sign Control	Stop			Free	Free	

#### Intersection Summary

Area Type: Other

Control Type: Unsignalized

Intersection Capacity Utilization 63.5%










ICU Level of Service B

Analysis Period (min) 15

CA-28

HCM Unsignalized Intersection Capacity Analysis  
8: OLD POST ROAD & PLAYLAND A.D.










120 OLD POST ROAD, RYE, NY  
2016 BACKGROUND CONDITIONS, WEEKDAY A.M. PEAK HOUR

						
Movement	SEL	SER	NEL	NET	SWT	SWR
Lane Configurations						
Volume (veh/h)	296	148	19	301	211	89
Sign Control	Stop			Free	Free	
Grade	0%			0%	0%	
Peak Hour Factor	0.92	0.92	0.93	0.93	0.96	0.96
Hourly flow rate (vph)	322	161	20	324	220	93
Pedestrians	7					
Lane Width (ft)	12.0					
Walking Speed (ft/s)	4.0					
Percent Blockage	1					
Right turn flare (veh)						
Median type				None	None	
Median storage (veh)						
Upstream signal (ft)						
pX, platoon unblocked						
vC, conflicting volume	638	273	320			
vC1, stage 1 conf vol						
vC2, stage 2 conf vol						
vCu, unblocked vol	638	273	320			
tC, single (s)	6.4	6.2	4.1			
tC, 2 stage (s)						
tF (s)	3.5	3.3	2.2			
p0 queue free %	25	79	98			
cM capacity (veh/h)	431	761	1233			
Direction, Lane #	SE 1	NE 1	SW 1			
Volume Total	483	344	312			
Volume Left	322	20	0			
Volume Right	161	0	93			
cSH	504	1233	1700			
Volume to Capacity	0.96	0.02	0.18			
Queue Length 95th (ft)	305	1	0			
Control Delay (s)	58.9	0.6	0.0			
Lane LOS	F	A				
Approach Delay (s)	58.9	0.6	0.0			
Approach LOS	F					
<b>Intersection Summary</b>						
Average Delay			25.1			
Intersection Capacity Utilization			63.5%	ICU Level of Service	B	
Analysis Period (min)			15			

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Lane Group	SEL	SER	NEL	NET	SWT	SWR
Lane Configurations						
Volume (vph)	47	139	523	74	161	112
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900
Lane Width (ft)	12	12	12	12	12	12
Grade (%)	0%			0%	0%	
Storage Length (ft)	0	0	0			0
Storage Lanes	1	0	0			0
Taper Length (ft)	25		25			
Lane Util. Factor	1.00	1.00	1.00	1.00	1.00	1.00
Ped Bike Factor						
Frt	0.899				0.945	
Flt Protected	0.987			0.958		
Satd. Flow (prot)	1653	0	0	1785	1760	0
Flt Permitted	0.987			0.958		
Satd. Flow (perm)	1653	0	0	1785	1760	0
Link Speed (mph)	30			30	30	
Link Distance (ft)	589			335	220	
Travel Time (s)	13.4			7.6	5.0	
Confl. Peds. (#/hr)						
Confl. Bikes (#/hr)						
Peak Hour Factor	0.89	0.89	0.89	0.89	0.89	0.89
Growth Factor	100%	100%	100%	100%	100%	100%
Heavy Vehicles (%)	2%	2%	2%	2%	2%	2%
Bus Blockages (#/hr)	0	0	0	0	0	0
Parking (#/hr)						
Mid-Block Traffic (%)	0%			0%	0%	
Adj. Flow (vph)	53	156	588	83	181	126
Shared Lane Traffic (%)						
Lane Group Flow (vph)	209	0	0	671	307	0
Sign Control	Stop			Free	Free	

Intersection Summary

Area Type: Other

Control Type: Unsignalized

Intersection Capacity Utilization 69.3%

ICU Level of Service C










Analysis Period (min) 15

## HCM Unsignalized Intersection Capacity Analysis

9: OLD POST ROAD &amp; NYS THRUWAY ACCESS DRIVE

120 OLD POST ROAD, RYE, NY

2016 BACKGROUND CONDITIONS, WEEKDAY A.M. PEAK HOUR











						
Movement	SEL	SER	NEL	NET	SWT	SWR
Lane Configurations						
Volume (veh/h)	47	139	523	74	161	112
Sign Control	Stop			Free	Free	
Grade	0%			0%	0%	
Peak Hour Factor	0.89	0.89	0.89	0.89	0.89	0.89
Hourly flow rate (vph)	53	156	588	83	181	126
Pedestrians						
Lane Width (ft)						
Walking Speed (ft/s)						
Percent Blockage						
Right turn flare (veh)						
Median type				None	None	
Median storage (veh)						
Upstream signal (ft)						
pX, platoon unblocked						
vC, conflicting volume	1502	244	307			
vC1, stage 1 conf vol						
vC2, stage 2 conf vol						
vCu, unblocked vol	1502	244	307			
tC, single (s)	6.4	6.2	4.1			
tC, 2 stage (s)						
tF (s)	3.5	3.3	2.2			
p0 queue free %	26	80	53			
cM capacity (veh/h)	71	795	1254			
Direction, Lane #	SE 1	NE 1	SW 1			
Volume Total	209	671	307			
Volume Left	53	588	0			
Volume Right	156	0	126			
cSH	223	1254	1700			
Volume to Capacity	0.94	0.47	0.18			
Queue Length 95th (ft)	201	64	0			
Control Delay (s)	91.1	9.7	0.0			
Lane LOS	F	A				
Approach Delay (s)	91.1	9.7	0.0			
Approach LOS	F					
Intersection Summary						
Average Delay		21.5				
Intersection Capacity Utilization		69.3%		ICU Level of Service		C
Analysis Period (min)		15				

Lanes, Volumes, Timings

120 OLD POST ROAD, RYE, NY

1: THEODORE FREMD AVENUE &amp; PLAYLAND ACCESS DRIVE

2016 BACKGROUND CONDITIONS, WEEKDAY P.M. PEAK HOUR

						
Lane Group	NWL	NWR	NET	NER	SWL	SWT
Lane Configurations						
Volume (vph)	143	127	214	117	82	218
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900
Lane Width (ft)	12	12	12	12	12	12
Grade (%)	0%		0%			0%
Storage Length (ft)	0	0		0	150	
Storage Lanes	1	0		0	1	
Taper Length (ft)	25				25	
Lane Util. Factor	1.00	1.00	1.00	1.00	1.00	1.00
Ped Bike Factor						
Frt	0.936		0.952			
Flt Protected	0.974				0.950	
Satd. Flow (prot)	1698	0	1773	0	1770	1863
Flt Permitted	0.974				0.447	
Satd. Flow (perm)	1698	0	1773	0	833	1863
Right Turn on Red		No		Yes		
Satd. Flow (RTOR)			36			
Link Speed (mph)	30		30			30
Link Distance (ft)	375		786			931
Travel Time (s)	8.5		17.9			21.2
Confl. Peds. (#/hr)						
Confl. Bikes (#/hr)						
Peak Hour Factor	0.91	0.91	0.91	0.91	0.91	0.91
Growth Factor	100%	100%	100%	100%	100%	100%
Heavy Vehicles (%)	2%	2%	2%	2%	2%	2%
Bus Blockages (#/hr)	0	0	0	0	0	0
Parking (#/hr)						
Mid-Block Traffic (%)	0%		0%			0%
Adj. Flow (vph)	157	140	235	129	90	240
Shared Lane Traffic (%)						
Lane Group Flow (vph)	297	0	364	0	90	240
Turn Type	Prot		NA		pm+pt	NA
Protected Phases	4		2		1	5
Permitted Phases					5	
Detector Phase	4		2		1	5
Switch Phase						
Minimum Initial (s)	4.0		4.0		4.0	4.0
Minimum Split (s)	35.0		49.0		16.0	65.0
Total Split (s)	35.0		49.0		16.0	65.0
Total Split (%)	35.0%		49.0%		16.0%	65.0%
Yellow Time (s)	3.5		3.5		3.5	3.5
All-Red Time (s)	0.5		0.5		0.5	0.5
Lost Time Adjust (s)	0.0		0.0		0.0	0.0
Total Lost Time (s)	4.0		4.0		4.0	4.0
Lead/Lag			Lead		Lag	
Lead-Lag Optimize?			Yes		Yes	
Recall Mode	Max		Max		None	Max
Act Effct Green (s)	31.0		48.2		61.0	61.0
Actuated g/C Ratio	0.31		0.48		0.61	0.61

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Synchro 8 Report

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Lanes, Volumes, Timings

120 OLD POST ROAD, RYE, NY

1: THEODORE FREMD AVENUE & PLAYLAND ACCESS DRIVE

2016 BACKGROUND CONDITIONS, WEEKDAY P.M. PEAK HOUR

						
Lane Group	NWL	NWR	NET	NER	SWL	SWT
v/c Ratio	0.56		0.42		0.15	0.21
Control Delay	33.9		17.9		9.4	9.3
Queue Delay	0.0		0.0		0.0	0.0
Total Delay	33.9		17.9		9.4	9.3
LOS	C		B		A	A
Approach Delay	33.9		17.9			9.3
Approach LOS	C		B			A
Queue Length 50th (ft)	157		139		22	63
Queue Length 95th (ft)	244		216		42	100
Internal Link Dist (ft)	295		706			851
Turn Bay Length (ft)					150	
Base Capacity (vph)	526		873		620	1136
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	0.56		0.42		0.15	0.21

Intersection Summary

Area Type: Other

Cycle Length: 100

Actuated Cycle Length: 100

Natural Cycle: 100

Control Type: Semi Act-Uncoord

Maximum v/c Ratio: 0.56

Intersection Signal Delay: 19.8







Intersection Capacity Utilization 48.6%

Analysis Period (min) 15

Intersection LOS: B

ICU Level of Service A



















Splits and Phases: 1: THEODORE FREMD AVENUE & PLAYLAND ACCESS DRIVE

Lanes, Volumes, Timings

120 OLD POST ROAD, RYE, NY

5: MEDICAL A.D./PLAYLAND PKWY EB RAMPS &amp; PLAYLAND A.D. 2016 BACKGROUND CONDITIONS, WEEKDAY P.M. PEAK HOUR

												
Lane Group	SEL	SET	SER	NWL	NWT	NWR	NEL	NET	NER	SWL	SWT	SWR
Lane Configurations												
Volume (vph)	54	264	15	6	47	38	30	2	40	125	10	238
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	12	12	12	12	12
Grade (%)		0%			0%			0%			0%	
Storage Length (ft)	0		0	0		0	0		75	0		0
Storage Lanes	0		0	0		0	0		1	0		1
Taper Length (ft)	25			25			25			25		
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
Ped Bike Factor												
Frnt		0.994			0.944				0.850			0.850
Flt Protected		0.992			0.997			0.955			0.956	
Satd. Flow (prot)	0	1837	0	0	1753	0	0	1779	1583	0	1781	1583
Flt Permitted		0.992			0.997			0.955			0.956	
Satd. Flow (perm)	0	1837	0	0	1753	0	0	1779	1583	0	1781	1583
Link Speed (mph)		30			30			30			30	
Link Distance (ft)		563			484			289			91	
Travel Time (s)		12.8			11.0			6.6			2.1	
Confl. Peds. (#/hr)												
Confl. Bikes (#/hr)												
Peak Hour Factor	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80
Growth Factor	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
Heavy Vehicles (%)	2%	2%	2%	2%	2%	2%	2%	2%	2%	2%	2%	2%
Bus Blockages (#/hr)	0	0	0	0	0	0	0	0	0	0	0	0
Parking (#/hr)												
Mid-Block Traffic (%)		0%			0%			0%			0%	
Adj. Flow (vph)	68	330	19	8	59	48	38	3	50	156	13	298
Shared Lane Traffic (%)												
Lane Group Flow (vph)	0	417	0	0	115	0	0	40	50	0	168	298
Sign Control		Free			Free			Stop			Stop	

## Intersection Summary

Area Type: Other

Control Type: Unsignalized

Intersection Capacity Utilization 45.2%

ICU Level of Service A



















Analysis Period (min) 15

CA-34

# HCM Unsignalized Intersection Capacity Analysis

120 OLD POST ROAD, RYE, NY

5: MEDICAL A.D./PLAYLAND PKWY EB RAMPS & PLAYLAND A.D. 2016 BACKGROUND CONDITIONS, WEEKDAY P.M. PEAK HOUR

												
Movement	SEL	SET	SER	NWL	NWT	NWR	NEL	NET	NER	SWL	SWT	SWR
Lane Configurations												
Volume (veh/h)	54	264	15	6	47	38	30	2	40	125	10	238
Sign Control		Free			Free			Stop			Stop	
Grade		0%			0%			0%			0%	
Peak Hour Factor	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80
Hourly flow rate (vph)	68	330	19	8	59	48	38	2	50	156	12	298
Pedestrians												
Lane Width (ft)												
Walking Speed (ft/s)												
Percent Blockage												
Right turn flare (veh)									3			
Median type		None			None							
Median storage (veh)												
Upstream signal (ft)		997										
pX, platoon unblocked												
vC, conflicting volume	106			349			876	596	339	598	581	82
vC1, stage 1 conf vol												
vC2, stage 2 conf vol												
vCu, unblocked vol	106			349			876	596	339	598	581	82
tC, single (s)	4.1			4.1			7.1	6.5	6.2	7.1	6.5	6.2
tC, 2 stage (s)												
tF (s)	2.2			2.2			3.5	4.0	3.3	3.5	4.0	3.3
p0 queue free %	95			99			79	99	93	58	97	70
cM capacity (veh/h)	1485			1210			176	396	703	368	403	977
Direction, Lane #	SE 1	NW 1	NE 1	SW 1	SW 2							
Volume Total	416	114	90	169	298							
Volume Left	68	8	38	156	0							
Volume Right	19	48	50	0	298							
cSH	1485	1210	427	370	977							
Volume to Capacity	0.05	0.01	0.21	0.46	0.30							
Queue Length 95th (ft)	4	0	20	58	32							
Control Delay (s)	1.6	0.6	18.7	22.6	10.3							
Lane LOS	A	A	C	C	B							
Approach Delay (s)	1.6	0.6	18.7	14.8								
Approach LOS			C	B								
Intersection Summary												
Average Delay			8.6									
Intersection Capacity Utilization			45.2%			ICU Level of Service			A			
Analysis Period (min)			15									

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Lanes, Volumes, Timings

120 OLD POST ROAD, RYE, NY

7: OFFICE ACCESS DRIVE & PLAYLAND A.D.

2016 BACKGROUND CONDITIONS, WEEKDAY P.M. PEAK HOUR

						
Lane Group	SET	SER	NWL	NWT	NEL	NER
Lane Configurations						
Volume (vph)	434	1	2	88	1	2
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900
Lane Width (ft)	12	12	12	12	12	12
Grade (%)	0%			0%	0%	
Storage Length (ft)		0	0		0	0
Storage Lanes		0	0		1	0
Taper Length (ft)			25		25	
Lane Util. Factor	1.00	1.00	1.00	1.00	1.00	1.00
Ped Bike Factor						
Frt					0.910	
Flt Protected				0.999	0.984	
Satd. Flow (prot)	1863	0	0	1861	1668	0
Flt Permitted				0.999	0.984	
Satd. Flow (perm)	1863	0	0	1861	1668	0
Link Speed (mph)	30			30	30	
Link Distance (ft)	484			139	157	
Travel Time (s)	11.0			3.2	3.6	
Confl. Peds. (#/hr)						
Confl. Bikes (#/hr)						
Peak Hour Factor	0.96	0.96	0.96	0.96	0.96	0.96
Growth Factor	100%	100%	100%	100%	100%	100%
Heavy Vehicles (%)	2%	2%	2%	2%	2%	2%
Bus Blockages (#/hr)	0	0	0	0	0	0
Parking (#/hr)						
Mid-Block Traffic (%)	0%			0%	0%	
Adj. Flow (vph)	452	1	2	92	1	2
Shared Lane Traffic (%)						
Lane Group Flow (vph)	453	0	0	94	3	0
Sign Control	Free			Free	Stop	

#### Intersection Summary

Area Type: Other

Control Type: Unsignalized










Intersection Capacity Utilization 32.9%

ICU Level of Service A

Analysis Period (min) 15

HCM Unsignalized Intersection Capacity Analysis  
 7: OFFICE ACCESS DRIVE & PLAYLAND A.D.

120 OLD POST ROAD, RYE, NY  
 2016 BACKGROUND CONDITIONS, WEEKDAY P.M. PEAK HOUR

						
Movement	SET	SER	NWL	NWT	NEL	NER
Lane Configurations						
Volume (veh/h)	434	1	2	88	1	2
Sign Control	Free			Free	Stop	
Grade	0%			0%	0%	
Peak Hour Factor	0.96	0.96	0.96	0.96	0.96	0.96
Hourly flow rate (vph)	452	1	2	92	1	2
Pedestrians						
Lane Width (ft)						
Walking Speed (ft/s)						
Percent Blockage						
Right turn flare (veh)						
Median type	None			None		
Median storage (veh)						
Upstream signal (ft)						
pX, platoon unblocked						
vC, conflicting volume			453		548	453
vC1, stage 1 conf vol						
vC2, stage 2 conf vol						
vCu, unblocked vol			453		548	453
tC, single (s)			4.1		6.4	6.2
tC, 2 stage (s)						
tF (s)			2.2		3.5	3.3
p0 queue free %			100		100	100
cM capacity (veh/h)			1107		496	607
Direction, Lane #	SE 1	NW 1	NE 1			
Volume Total	453	94	3			
Volume Left	0	2	1			
Volume Right	1	0	2			
cSH	1700	1107	565			
Volume to Capacity	0.27	0.00	0.01			
Queue Length 95th (ft)	0	0	0			
Control Delay (s)	0.0	0.2	11.4			
Lane LOS		A	B			
Approach Delay (s)	0.0	0.2	11.4			
Approach LOS			B			
Intersection Summary						
Average Delay			0.1			
Intersection Capacity Utilization			32.9%	ICU Level of Service	A	
Analysis Period (min)			15			










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Lanes, Volumes, Timings

8: OLD POST ROAD & PLAYLAND A.D.

120 OLD POST ROAD, RYE, NY

2016 BACKGROUND CONDITIONS, WEEKDAY P.M. PEAK HOUR

						
Lane Group	SEL	SER	NEL	NET	SWT	SWR
Lane Configurations						
Volume (vph)	328	108	10	195	122	80
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900
Lane Width (ft)	12	12	12	12	12	12
Grade (%)	0%			0%	0%	
Storage Length (ft)	0	0	0			0
Storage Lanes	1	0	0			0
Taper Length (ft)	25		25			
Lane Util. Factor	1.00	1.00	1.00	1.00	1.00	1.00
Ped Bike Factor						
Frt	0.967				0.947	
Flt Protected	0.964			0.998		
Satd. Flow (prot)	1736	0	0	1859	1764	0
Flt Permitted	0.964			0.998		
Satd. Flow (perm)	1736	0	0	1859	1764	0
Link Speed (mph)	30			30	30	
Link Distance (ft)	139			484	335	
Travel Time (s)	3.2			11.0	7.6	
Confl. Peds. (#/hr)						
Confl. Bikes (#/hr)						
Peak Hour Factor	0.88	0.88	0.88	0.88	0.88	0.88
Growth Factor	100%	100%	100%	100%	100%	100%
Heavy Vehicles (%)	2%	2%	2%	2%	2%	2%
Bus Blockages (#/hr)	0	0	0	0	0	0
Parking (#/hr)						
Mid-Block Traffic (%)	0%			0%	0%	
Adj. Flow (vph)	373	123	11	222	139	91
Shared Lane Traffic (%)						
Lane Group Flow (vph)	496	0	0	233	230	0
Sign Control	Stop			Free	Free	

#### Intersection Summary

Area Type: Other

Control Type: Unsignalized

Intersection Capacity Utilization 49.8%










ICU Level of Service A

Analysis Period (min) 15










HCM Unsignalized Intersection Capacity Analysis  
8: OLD POST ROAD & PLAYLAND A.D.

120 OLD POST ROAD, RYE, NY

2016 BACKGROUND CONDITIONS, WEEKDAY P.M. PEAK HOUR

						
Movement	SEL	SER	NEL	NET	SWT	SWR
Lane Configurations						
Volume (veh/h)	328	108	10	195	122	80
Sign Control	Stop			Free	Free	
Grade	0%			0%	0%	
Peak Hour Factor	0.88	0.88	0.88	0.88	0.88	0.88
Hourly flow rate (vph)	373	123	11	222	139	91
Pedestrians						
Lane Width (ft)						
Walking Speed (ft/s)						
Percent Blockage						
Right turn flare (veh)						
Median type				None	None	
Median storage (veh)						
Upstream signal (ft)						
pX, platoon unblocked						
vC, conflicting volume	428	184	230			
vC1, stage 1 conf vol						
vC2, stage 2 conf vol						
vCu, unblocked vol	428	184	230			
tC, single (s)	6.4	6.2	4.1			
tC, 2 stage (s)						
tF (s)	3.5	3.3	2.2			
p0 queue free %	36	86	99			
cM capacity (veh/h)	578	858	1338			
Direction, Lane #	SE 1	NE 1	SW 1			
Volume Total	495	233	230			
Volume Left	373	11	0			
Volume Right	123	0	91			
cSH	629	1338	1700			
Volume to Capacity	0.79	0.01	0.14			
Queue Length 95th (ft)	191	1	0			
Control Delay (s)	28.6	0.4	0.0			
Lane LOS	D	A				
Approach Delay (s)	28.6	0.4	0.0			
Approach LOS	D					
Intersection Summary						
Average Delay			14.9			
Intersection Capacity Utilization			49.8%	ICU Level of Service		A
Analysis Period (min)			15			



						
Lane Group	SEL	SER	NEL	NET	SWT	SWR
Lane Configurations						
Volume (vph)	33	54	419	104	148	134
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900
Lane Width (ft)	12	12	12	12	12	12
Grade (%)	0%			0%	0%	
Storage Length (ft)	0	0	0			0
Storage Lanes	1	0	0			0
Taper Length (ft)	25		25			
Lane Util. Factor	1.00	1.00	1.00	1.00	1.00	1.00
Ped Bike Factor						
Frt	0.916				0.936	
Flt Protected	0.981			0.962		
Satd. Flow (prot)	1674	0	0	1792	1744	0
Flt Permitted	0.981			0.962		
Satd. Flow (perm)	1674	0	0	1792	1744	0
Link Speed (mph)	30			30	30	
Link Distance (ft)	589			335	220	
Travel Time (s)	13.4			7.6	5.0	
Confl. Peds. (#/hr)						
Confl. Bikes (#/hr)						
Peak Hour Factor	0.87	0.87	0.87	0.87	0.87	0.87
Growth Factor	100%	100%	100%	100%	100%	100%
Heavy Vehicles (%)	2%	2%	2%	2%	2%	2%
Bus Blockages (#/hr)	0	0	0	0	0	0
Parking (#/hr)						
Mid-Block Traffic (%)	0%			0%	0%	
Adj. Flow (vph)	38	62	482	120	170	154
Shared Lane Traffic (%)						
Lane Group Flow (vph)	100	0	0	602	324	0
Sign Control	Stop			Free	Free	

## Intersection Summary

Area Type: Other

Control Type: Unsignalized

Intersection Capacity Utilization 59.8%

ICU Level of Service B










Analysis Period (min) 15

HCM Unsignalized Intersection Capacity Analysis

120 OLD POST ROAD, RYE, NY

9: OLD POST ROAD & NYS THRUWAY ACCESS DRIVE

2016 BACKGROUND CONDITIONS, WEEKDAY P.M. PEAK HOUR

						
Movement	SEL	SER	NEL	NET	SWT	SWR
Lane Configurations						
Volume (veh/h)	33	54	419	104	148	134
Sign Control	Stop			Free	Free	
Grade	0%			0%	0%	
Peak Hour Factor	0.87	0.87	0.87	0.87	0.87	0.87
Hourly flow rate (vph)	38	62	482	120	170	154
Pedestrians						
Lane Width (ft)						
Walking Speed (ft/s)						
Percent Blockage						
Right turn flare (veh)						
Median type				None	None	
Median storage (veh)						
Upstream signal (ft)						
pX, platoon unblocked						
vC, conflicting volume	1330	247	324			
vC1, stage 1 conf vol						
vC2, stage 2 conf vol						
vCu, unblocked vol	1330	247	324			
tC, single (s)	6.4	6.2	4.1			
tC, 2 stage (s)						
tF (s)	3.5	3.3	2.2			
p0 queue free %	64	92	61			
cM capacity (veh/h)	104	792	1236			
Direction, Lane #	SE 1	NE 1	SW 1			
Volume Total	100	601	324			
Volume Left	38	482	0			
Volume Right	62	0	154			
cSH	226	1236	1700			
Volume to Capacity	0.44	0.39	0.19			
Queue Length 95th (ft)	53	47	0			
Control Delay (s)	33.0	8.6	0.0			
Lane LOS	D	A				
Approach Delay (s)	33.0	8.6	0.0			
Approach LOS	D					
<b>Intersection Summary</b>						
Average Delay			8.3			
Intersection Capacity Utilization			59.8%	ICU Level of Service		B
Analysis Period (min)			15			

# **CAPACITY ANALYSIS WORKSHEETS**

**2016 Combined Conditions**











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## Lanes, Volumes, Timings

120 OLD POST ROAD, RYE, NY

1: THEODORE FREMD AVENUE &amp; PLAYLAND ACCESS DRIVE

2016 COMBINED CONDITIONS, WEEKDAY A.M. PEAK HOUR







						
Lane Group	NWL	NWR	NET	NER	SWL	SWT
Lane Configurations						
Volume (vph)	151	125	186	179	155	187
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900
Lane Width (ft)	12	12	12	12	12	12
Grade (%)	0%		0%			0%
Storage Length (ft)	0	0		0	150	
Storage Lanes	1	0		0	1	
Taper Length (ft)	25				25	
Lane Util. Factor	1.00	1.00	1.00	1.00	1.00	1.00
Ped Bike Factor						
Frt	0.939		0.934			
Flt Protected	0.973				0.950	
Satd. Flow (prot)	1702	0	1740	0	1770	1863
Flt Permitted	0.973				0.400	
Satd. Flow (perm)	1702	0	1740	0	745	1863
Right Turn on Red		No		Yes		
Satd. Flow (RTOR)			63			
Link Speed (mph)	30		30			30
Link Distance (ft)	375		786			931
Travel Time (s)	8.5		17.9			21.2
Confl. Peds. (#/hr)						
Confl. Bikes (#/hr)						
Peak Hour Factor	0.91	0.91	0.91	0.91	0.91	0.91
Growth Factor	100%	100%	100%	100%	100%	100%
Heavy Vehicles (%)	2%	2%	2%	2%	2%	2%
Bus Blockages (#/hr)	0	0	0	0	0	0
Parking (#/hr)						
Mid-Block Traffic (%)	0%		0%			0%
Adj. Flow (vph)	166	137	204	197	170	205
Shared Lane Traffic (%)						
Lane Group Flow (vph)	303	0	401	0	170	205
Turn Type	Prot		NA		pm+pt	NA
Protected Phases	4		2		1	5
Permitted Phases					5	
Detector Phase	4		2		1	5
Switch Phase						
Minimum Initial (s)	4.0		4.0		4.0	4.0
Minimum Split (s)	35.0		49.0		16.0	65.0
Total Split (s)	35.0		49.0		16.0	65.0
Total Split (%)	35.0%		49.0%		16.0%	65.0%
Yellow Time (s)	3.5		3.5		3.5	3.5
All-Red Time (s)	0.5		0.5		0.5	0.5
Lost Time Adjust (s)	0.0		0.0		0.0	0.0
Total Lost Time (s)	4.0		4.0		4.0	4.0
Lead/Lag			Lead		Lag	
Lead-Lag Optimize?			Yes		Yes	
Recall Mode	Max		Max		Max	Max
Act Effct Green (s)	31.0		45.0		61.0	61.0
Actuated g/C Ratio	0.31		0.45		0.61	0.61

11/3/2014

FREDERICK P. CLARK ASSOCIATES, INC. - STC

Synchro 8 Report

Page 1




						
Lane Group	NWL	NWR	NET	NER	SWL	SWT
v/c Ratio	0.57		0.49		0.29	0.18
Control Delay	34.2		18.6		11.8	9.0
Queue Delay	0.0		0.0		0.0	0.0
Total Delay	34.2		18.6		11.8	9.0
LOS	C		B		B	A
Approach Delay	34.2		18.6			10.3
Approach LOS	C		B			B
Queue Length 50th (ft)	161		146		43	53
Queue Length 95th (ft)	250		231		73	86
Internal Link Dist (ft)	295		706			851
Turn Bay Length (ft)					150	
Base Capacity (vph)	527		817		577	1136
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	0.57		0.49		0.29	0.18

## Intersection Summary

Area Type: Other  
 Cycle Length: 100  
 Actuated Cycle Length: 100  
 Natural Cycle: 100  
 Control Type: Semi Act-Uncoord  
 Maximum v/c Ratio: 0.57  
 Intersection Signal Delay: 20.1  
 Intersection Capacity Utilization 55.3%  
 Analysis Period (min) 15

Intersection LOS: C  
 ICU Level of Service B

## Splits and Phases: 1: THEODORE FREMD AVENUE &amp; PLAYLAND ACCESS DRIVE

		
#2	#1	#4
#5		



















CA-43

Lanes, Volumes, Timings

120 OLD POST ROAD, RYE, NY

5: MEDICAL A.D./PLAYLAND PKWY EB RAMPS & PLAYLAND A.D.

2016 COMBINED CONDITIONS, WEEKDAY A.M. PEAK HOUR

												
Lane Group	SEL	SET	SER	NWL	NWT	NWR	NEL	NET	NER	SWL	SWT	SWR
Lane Configurations												
Volume (vph)	45	255	67	23	65	26	26	2	27	168	54	515
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	12	12	12	12	12
Grade (%)		0%			0%			0%			0%	
Storage Length (ft)	0		0	0		0	0		75	0		0
Storage Lanes	0		0	0		0	0		1	0		1
Taper Length (ft)	25			25			25			25		
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
Ped Bike Factor												
Frt		0.975			0.969				0.850			0.850
Flt Protected		0.994			0.990			0.955			0.964	
Satd. Flow (prot)	0	1805	0	0	1787	0	0	1779	1583	0	1796	1583
Flt Permitted		0.994			0.990			0.955			0.964	
Satd. Flow (perm)	0	1805	0	0	1787	0	0	1779	1583	0	1796	1583
Link Speed (mph)		30			30			30			30	
Link Distance (ft)		563			484			289			91	
Travel Time (s)		12.8			11.0			6.6			2.1	
Confl. Peds. (#/hr)												
Confl. Bikes (#/hr)												
Peak Hour Factor	0.89	0.89	0.89	0.89	0.89	0.89	0.89	0.89	0.89	0.89	0.89	0.89
Growth Factor	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
Heavy Vehicles (%)	2%	2%	2%	2%	2%	2%	2%	2%	2%	2%	2%	2%
Bus Blockages (#/hr)	0	0	0	0	0	0	0	0	0	0	0	0
Parking (#/hr)												
Mid-Block Traffic (%)		0%			0%			0%			0%	
Adj. Flow (vph)	51	287	75	26	73	29	29	2	30	189	61	579
Shared Lane Traffic (%)												
Lane Group Flow (vph)	0	413	0	0	128	0	0	31	30	0	250	579
Sign Control		Free			Free			Stop			Stop	

#### Intersection Summary

Area Type: Other

Control Type: Unsignalized

Intersection Capacity Utilization 51.5%

ICU Level of Service A

Analysis Period (min) 15

## HCM Unsignalized Intersection Capacity Analysis










120 OLD POST ROAD, RYE, NY

5: MEDICAL A.D./PLAYLAND PKWY EB RAMPS &amp; PLAYLAND A.D.

2016 COMBINED CONDITIONS, WEEKDAY A.M. PEAK HOUR

Movement	SEL	SET	SER	NWL	NWT	NWR	NEL	NET	NER	SWL	SWT	SWR
Lane Configurations		↔			↔			↔	↔		↔	↔
Volume (veh/h)	45	255	67	23	65	26	26	2	27	168	54	515
Sign Control		Free			Free			Stop			Stop	
Grade		0%			0%			0%			0%	
Peak Hour Factor	0.89	0.89	0.89	0.89	0.89	0.89	0.89	0.89	0.89	0.89	0.89	0.89
Hourly flow rate (vph)	51	287	75	26	73	29	29	2	30	189	61	579
Pedestrians												
Lane Width (ft)												
Walking Speed (ft/s)												
Percent Blockage												
Right turn flare (veh)									3			
Median type		None			None							
Median storage (veh)												
Upstream signal (ft)		997										
pX, platoon unblocked												
vC, conflicting volume	102			362			1174	579	324	581	602	88
vC1, stage 1 conf vol												
vC2, stage 2 conf vol												
vCu, unblocked vol	102			362			1174	579	324	581	602	88
tC, single (s)	4.1			4.1			7.1	6.5	6.2	7.1	6.5	6.2
tC, 2 stage (s)												
tF (s)	2.2			2.2			3.5	4.0	3.3	3.5	4.0	3.3
p0 queue free %	97			98			49	99	96	51	84	40
cM capacity (veh/h)	1490			1197			58	403	717	388	391	971
Direction, Lane #	SE 1	NW 1	NE 1	SW 1	SW 2							
Volume Total	412	128	62	249	579							
Volume Left	51	26	29	189	0							
Volume Right	75	29	30	0	579							
cSH	1490	1197	162	389	971							
Volume to Capacity	0.03	0.02	0.38	0.64	0.60							
Queue Length 95th (ft)	3	2	41	108	102							
Control Delay (s)	1.2	1.8	42.5	29.4	14.0							
Lane LOS	A	A	E	D	B							
Approach Delay (s)	1.2	1.8	42.5	18.7								
Approach LOS			E	C								
Intersection Summary												
Average Delay			13.1									
Intersection Capacity Utilization			51.5%		ICU Level of Service				A			
Analysis Period (min)			15									



						
Lane Group	SET	SER	NWL	NWT	NEL	NER
Lane Configurations						
Volume (vph)	444	6	6	106	8	11
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900
Lane Width (ft)	12	12	12	12	12	12
Grade (%)	0%			0%	0%	
Storage Length (ft)		0	0		0	0
Storage Lanes		0	0		1	0
Taper Length (ft)			25		25	
Lane Util. Factor	1.00	1.00	1.00	1.00	1.00	1.00
Ped Bike Factor						
Frt	0.998				0.922	
Flt Protected				0.997	0.979	
Satd. Flow (prot)	1859	0	0	1857	1681	0
Flt Permitted				0.997	0.979	
Satd. Flow (perm)	1859	0	0	1857	1681	0
Link Speed (mph)	30			30	30	
Link Distance (ft)	484			139	157	
Travel Time (s)	11.0			3.2	3.6	
Confl. Peds. (#/hr)						
Confl. Bikes (#/hr)						
Peak Hour Factor	0.98	0.98	0.98	0.98	0.98	0.98
Growth Factor	100%	100%	100%	100%	100%	100%
Heavy Vehicles (%)	2%	2%	2%	2%	2%	2%
Bus Blockages (#/hr)	0	0	0	0	0	0
Parking (#/hr)						
Mid-Block Traffic (%)	0%			0%	0%	
Adj. Flow (vph)	453	6	6	108	8	11
Shared Lane Traffic (%)						
Lane Group Flow (vph)	459	0	0	114	19	0
Sign Control	Free			Free	Stop	

Intersection Summary

Area Type: Other

Control Type: Unsignalized

Intersection Capacity Utilization 33.7%










ICU Level of Service A

Analysis Period (min) 15

CA-46

HCM Unsignalized Intersection Capacity Analysis  
7: OFFICE ACCESS DRIVE & PLAYLAND A.D.

120 OLD POST ROAD, RYE, NY  
2016 COMBINED CONDITIONS, WEEKDAY A.M. PEAK HOUR










						
Movement	SET	SER	NWL	NWT	NEL	NER
Lane Configurations						
Volume (veh/h)	444	6	6	106	8	11
Sign Control	Free			Free	Stop	
Grade	0%			0%	0%	
Peak Hour Factor	0.98	0.98	0.98	0.98	0.98	0.98
Hourly flow rate (vph)	453	6	6	108	8	11
Pedestrians						
Lane Width (ft)						
Walking Speed (ft/s)						
Percent Blockage						
Right turn flare (veh)						
Median type	None			None		
Median storage (veh)						
Upstream signal (ft)						
pX, platoon unblocked						
vC, conflicting volume			459		577	456
vC1, stage 1 conf vol						
vC2, stage 2 conf vol						
vCu, unblocked vol			459		577	456
tC, single (s)			4.1		6.4	6.2
tC, 2 stage (s)						
tF (s)			2.2		3.5	3.3
p0 queue free %			99		98	98
cM capacity (veh/h)			1102		476	604
Direction, Lane #	SE 1	NW 1	NE 1			
Volume Total	459	114	19			
Volume Left	0	6	8			
Volume Right	6	0	11			
cSH	1700	1102	543			
Volume to Capacity	0.27	0.01	0.04			
Queue Length 95th (ft)	0	0	3			
Control Delay (s)	0.0	0.5	11.9			
Lane LOS		A	B			
Approach Delay (s)	0.0	0.5	11.9			
Approach LOS			B			
Intersection Summary						
Average Delay			0.5			
Intersection Capacity Utilization			33.7%	ICU Level of Service		A
Analysis Period (min)			15			

Lanes, Volumes, Timings

8: OLD POST ROAD & PLAYLAND A.D.

120 OLD POST ROAD, RYE, NY

2016 COMBINED CONDITIONS, WEEKDAY A.M. PEAK HOUR

						
Lane Group	SEL	SER	NEL	NET	SWT	SWR
Lane Configurations						
Volume (vph)	303	152	21	301	211	91
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900
Lane Width (ft)	12	12	12	12	12	12
Grade (%)	0%			0%	0%	
Storage Length (ft)	0	0	0			0
Storage Lanes	1	0	0			0
Taper Length (ft)	25		25			
Lane Util. Factor	1.00	1.00	1.00	1.00	1.00	1.00
Ped Bike Factor						
Frt	0.955				0.959	
Flt Protected	0.968			0.997		
Satd. Flow (prot)	1722	0	0	1857	1786	0
Flt Permitted	0.968			0.997		
Satd. Flow (perm)	1722	0	0	1857	1786	0
Link Speed (mph)	30			30	30	
Link Distance (ft)	139			484	335	
Travel Time (s)	3.2			11.0	7.6	
Confl. Peds. (#/hr)			7			7
Confl. Bikes (#/hr)						
Peak Hour Factor	0.92	0.92	0.93	0.93	0.96	0.96
Growth Factor	100%	100%	100%	100%	100%	100%
Heavy Vehicles (%)	2%	2%	2%	2%	2%	2%
Bus Blockages (#/hr)	0	0	0	0	0	0
Parking (#/hr)						
Mid-Block Traffic (%)	0%			0%	0%	
Adj. Flow (vph)	329	165	23	324	220	95
Shared Lane Traffic (%)						
Lane Group Flow (vph)	494	0	0	347	315	0
Sign Control	Stop			Free	Free	

Intersection Summary

Area Type: Other

Control Type: Unsignalized










Intersection Capacity Utilization 65.8%

ICU Level of Service C

Analysis Period (min) 15

HCM Unsignalized Intersection Capacity Analysis  
8: OLD POST ROAD & PLAYLAND A.D.

120 OLD POST ROAD, RYE, NY  
2016 COMBINED CONDITIONS, WEEKDAY A.M. PEAK HOUR










						
Movement	SEL	SER	NEL	NET	SWT	SWR
Lane Configurations						
Volume (veh/h)	303	152	21	301	211	91
Sign Control	Stop			Free	Free	
Grade	0%			0%	0%	
Peak Hour Factor	0.92	0.92	0.93	0.93	0.96	0.96
Hourly flow rate (vph)	329	165	23	324	220	95
Pedestrians	7					
Lane Width (ft)	12.0					
Walking Speed (ft/s)	4.0					
Percent Blockage	1					
Right turn flare (veh)						
Median type				None	None	
Median storage (veh)						
Upstream signal (ft)						
pX, platoon unblocked						
vC, conflicting volume	643	274	322			
vC1, stage 1 conf vol						
vC2, stage 2 conf vol						
vCu, unblocked vol	643	274	322			
tC, single (s)	6.4	6.2	4.1			
tC, 2 stage (s)						
tF (s)	3.5	3.3	2.2			
p0 queue free %	23	78	98			
cM capacity (veh/h)	427	760	1231			
Direction, Lane #	SE 1	NE 1	SW 1			
Volume Total	495	346	315			
Volume Left	329	23	0			
Volume Right	165	0	95			
cSH	501	1231	1700			
Volume to Capacity	0.99	0.02	0.19			
Queue Length 95th (ft)	331	1	0			
Control Delay (s)	66.1	0.7	0.0			
Lane LOS	F	A				
Approach Delay (s)	66.1	0.7	0.0			
Approach LOS	F					
<b>Intersection Summary</b>						
Average Delay			28.5			
Intersection Capacity Utilization			65.8%	ICU Level of Service	C	
Analysis Period (min)			15			

Lanes, Volumes, Timings

120 OLD POST ROAD, RYE, NY

9: OLD POST ROAD &amp; NYS THRUWAY ACCESS DRIVE

2016 COMBINED CONDITIONS, WEEKDAY A.M. PEAK HOUR

						
Lane Group	SEL	SER	NEL	NET	SWT	SWR
Lane Configurations						
Volume (vph)	47	139	526	78	163	112
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900
Lane Width (ft)	12	12	12	12	12	12
Grade (%)	0%			0%	0%	
Storage Length (ft)	0	0	0			0
Storage Lanes	1	0	0			0
Taper Length (ft)	25		25			
Lane Util. Factor	1.00	1.00	1.00	1.00	1.00	1.00
Ped Bike Factor						
Frt	0.899				0.945	
Flt Protected	0.987			0.958		
Satd. Flow (prot)	1653	0	0	1785	1760	0
Flt Permitted	0.987			0.958		
Satd. Flow (perm)	1653	0	0	1785	1760	0
Link Speed (mph)	30			30	30	
Link Distance (ft)	589			335	220	
Travel Time (s)	13.4			7.6	5.0	
Confl. Peds. (#/hr)						
Confl. Bikes (#/hr)						
Peak Hour Factor	0.89	0.89	0.89	0.89	0.89	0.89
Growth Factor	100%	100%	100%	100%	100%	100%
Heavy Vehicles (%)	2%	2%	2%	2%	2%	2%
Bus Blockages (#/hr)	0	0	0	0	0	0
Parking (#/hr)						
Mid-Block Traffic (%)	0%			0%	0%	
Adj. Flow (vph)	53	156	591	88	183	126
Shared Lane Traffic (%)						
Lane Group Flow (vph)	209	0	0	679	309	0
Sign Control	Stop			Free	Free	

## Intersection Summary

Area Type: Other

Control Type: Unsignalized










Intersection Capacity Utilization 69.8%

ICU Level of Service C

Analysis Period (min) 15

HCM Unsignalized Intersection Capacity Analysis  
 9: OLD POST ROAD & NYS THRUWAY ACCESS DRIVE

120 OLD POST ROAD, RYE, NY  
 2016 COMBINED CONDITIONS, WEEKDAY A.M. PEAK HOUR

						
Movement	SEL	SER	NEL	NET	SWT	SWR
Lane Configurations						
Volume (veh/h)	47	139	526	78	163	112
Sign Control	Stop			Free	Free	
Grade	0%			0%	0%	
Peak Hour Factor	0.89	0.89	0.89	0.89	0.89	0.89
Hourly flow rate (vph)	53	156	591	88	183	126
Pedestrians						
Lane Width (ft)						
Walking Speed (ft/s)						
Percent Blockage						
Right turn flare (veh)						
Median type				None	None	
Median storage (veh)						
Upstream signal (ft)						
pX, platoon unblocked						
vC, conflicting volume	1516	246	309			
vC1, stage 1 conf vol						
vC2, stage 2 conf vol						
vCu, unblocked vol	1516	246	309			
tC, single (s)	6.4	6.2	4.1			
tC, 2 stage (s)						
tF (s)	3.5	3.3	2.2			
p0 queue free %	24	80	53			
cM capacity (veh/h)	69	793	1252			
Direction, Lane #	SE 1	NE 1	SW 1			
Volume Total	209	679	309			
Volume Left	53	591	0			
Volume Right	156	0	126			
cSH	218	1252	1700			
Volume to Capacity	0.96	0.47	0.18			
Queue Length 95th (ft)	208	65	0			
Control Delay (s)	97.0	9.7	0.0			
Lane LOS	F	A				
Approach Delay (s)	97.0	9.7	0.0			
Approach LOS	F					
Intersection Summary						
Average Delay			22.5			
Intersection Capacity Utilization			69.8%	ICU Level of Service		C
Analysis Period (min)			15			











CA-51

Lanes, Volumes, Timings

120 OLD POST ROAD, RYE, NY

1: THEODORE FREMD AVENUE & PLAYLAND ACCESS DRIVE

2016 COMBINED CONDITIONS, WEEKDAY P.M. PEAK HOUR

						
Lane Group	NWL	NWR	NET	NER	SWL	SWT
Lane Configurations						
Volume (vph)	146	130	214	120	86	218
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900
Lane Width (ft)	12	12	12	12	12	12
Grade (%)	0%		0%			0%
Storage Length (ft)	0	0		0	150	
Storage Lanes	1	0		0	1	
Taper Length (ft)	25				25	
Lane Util. Factor	1.00	1.00	1.00	1.00	1.00	1.00
Ped Bike Factor						
Frt	0.936		0.951			
Flt Protected	0.974				0.950	
Satd. Flow (prot)	1698	0	1771	0	1770	1863
Flt Permitted	0.974				0.444	
Satd. Flow (perm)	1698	0	1771	0	827	1863
Right Turn on Red		No		Yes		
Satd. Flow (RTOR)			37			
Link Speed (mph)	30		30			30
Link Distance (ft)	375		786			931
Travel Time (s)	8.5		17.9			21.2
Confl. Peds. (#/hr)						
Confl. Bikes (#/hr)						
Peak Hour Factor	0.91	0.91	0.91	0.91	0.91	0.91
Growth Factor	100%	100%	100%	100%	100%	100%
Heavy Vehicles (%)	2%	2%	2%	2%	2%	2%
Bus Blockages (#/hr)	0	0	0	0	0	0
Parking (#/hr)						
Mid-Block Traffic (%)	0%		0%			0%
Adj. Flow (vph)	160	143	235	132	95	240
Shared Lane Traffic (%)						
Lane Group Flow (vph)	303	0	367	0	95	240
Turn Type	Prot		NA		pm+pt	NA
Protected Phases	4		2		1	5
Permitted Phases					5	
Detector Phase	4		2		1	5
Switch Phase						
Minimum Initial (s)	4.0		4.0		4.0	4.0
Minimum Split (s)	35.0		49.0		16.0	65.0
Total Split (s)	35.0		49.0		16.0	65.0
Total Split (%)	35.0%		49.0%		16.0%	65.0%
Yellow Time (s)	3.5		3.5		3.5	3.5
All-Red Time (s)	0.5		0.5		0.5	0.5
Lost Time Adjust (s)	0.0		0.0		0.0	0.0
Total Lost Time (s)	4.0		4.0		4.0	4.0
Lead/Lag			Lead		Lag	
Lead-Lag Optimize?			Yes		Yes	
Recall Mode	Max		Max		None	Max
Act Effect Green (s)	31.0		48.2		61.0	61.0
Actuated g/C Ratio	0.31		0.48		0.61	0.61







11/3/2014

FREDERICK P. CLARK ASSOCIATES, INC. - STC

Synchro 8 Report

Page 1






						
Lane Group	NWL	NWR	NET	NER	SWL	SWT
v/c Ratio	0.58		0.42		0.16	0.21
Control Delay	34.2		17.9		9.5	9.3
Queue Delay	0.0		0.0		0.0	0.0
Total Delay	34.2		17.9		9.5	9.3
LOS	C		B		A	A
Approach Delay	34.2		17.9			9.4
Approach LOS	C		B			A
Queue Length 50th (ft)	161		140		23	63
Queue Length 95th (ft)	250		218		44	100
Internal Link Dist (ft)	295		706			851
Turn Bay Length (ft)					150	
Base Capacity (vph)	526		872		617	1136
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	0.58		0.42		0.15	0.21



















## Intersection Summary

Area Type: Other  
 Cycle Length: 100  
 Actuated Cycle Length: 100  
 Natural Cycle: 100  
 Control Type: Semi Act-Uncoord  
 Maximum v/c Ratio: 0.58  
 Intersection Signal Delay: 20.0  
 Intersection Capacity Utilization 49.4%  
 Analysis Period (min) 15

Intersection LOS: B  
 ICU Level of Service A

## Splits and Phases: 1: THEODORE FREMD AVENUE &amp; PLAYLAND ACCESS DRIVE

		
2	1	4
15	15	35

												
Lane Group	SEL	SET	SER	NWL	NWT	NWR	NEL	NET	NER	SWL	SWT	SWR
Lane Configurations												
Volume (vph)	54	271	15	6	53	38	30	2	40	129	10	238
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	12	12	12	12	12
Grade (%)		0%			0%			0%			0%	
Storage Length (ft)	0		0	0		0	0		75	0		0
Storage Lanes	0		0	0		0	0		1	0		1
Taper Length (ft)	25			25			25			25		
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
Ped Bike Factor												
Frt		0.994			0.947				0.850			0.850
Flt Protected		0.992			0.997			0.955			0.956	
Satd. Flow (prot)	0	1837	0	0	1759	0	0	1779	1583	0	1781	1583
Flt Permitted		0.992			0.997			0.955			0.956	
Satd. Flow (perm)	0	1837	0	0	1759	0	0	1779	1583	0	1781	1583
Link Speed (mph)		30			30			30			30	
Link Distance (ft)		563			484			289			91	
Travel Time (s)		12.8			11.0			6.6			2.1	
Confl. Peds. (#/hr)												
Confl. Bikes (#/hr)												
Peak Hour Factor	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80
Growth Factor	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
Heavy Vehicles (%)	2%	2%	2%	2%	2%	2%	2%	2%	2%	2%	2%	2%
Bus Blockages (#/hr)	0	0	0	0	0	0	0	0	0	0	0	0
Parking (#/hr)												
Mid-Block Traffic (%)		0%			0%			0%			0%	
Adj. Flow (vph)	68	339	19	8	66	48	38	3	50	161	13	298
Shared Lane Traffic (%)												
Lane Group Flow (vph)	0	426	0	0	122	0	0	40	50	0	173	298
Sign Control		Free			Free			Stop			Stop	

## Intersection Summary

Area Type: Other

Control Type: Unsignalized

Intersection Capacity Utilization 45.8%

ICU Level of Service A

Analysis Period (min) 15



















CMA-54

HCM Unsignalized Intersection Capacity Analysis

120 OLD POST ROAD, RYE, NY

5: MEDICAL A.D./PLAYLAND PKWY EB RAMPS & PLAYLAND A.D.

2016 COMBINED CONDITIONS, WEEKDAY P.M. PEAK HOUR










												
Movement	SEL	SET	SER	NWL	NWT	NWR	NEL	NET	NER	SWL	SWT	SWR
Lane Configurations												
Volume (veh/h)	54	271	15	6	53	38	30	2	40	129	10	238
Sign Control		Free			Free			Stop			Stop	
Grade		0%			0%			0%			0%	
Peak Hour Factor	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80
Hourly flow rate (vph)	68	339	19	8	66	48	38	2	50	161	12	298
Pedestrians												
Lane Width (ft)												
Walking Speed (ft/s)												
Percent Blockage												
Right turn flare (veh)									3			
Median type		None			None							
Median storage (veh)												
Upstream signal (ft)		997										
pX, platoon unblocked												
vC, conflicting volume	114			358			892	612	348	614	598	90
vC1, stage 1 conf vol												
vC2, stage 2 conf vol												
vCu, unblocked vol	114			358			892	612	348	614	598	90
tC, single (s)	4.1			4.1			7.1	6.5	6.2	7.1	6.5	6.2
tC, 2 stage (s)												
tF (s)	2.2			2.2			3.5	4.0	3.3	3.5	4.0	3.3
p0 queue free %	95			99			78	99	93	55	97	69
cM capacity (veh/h)	1475			1201			171	387	695	358	395	968
Direction, Lane #	SE 1	NW 1	NE 1	SW 1	SW 2							
Volume Total	425	121	90	174	298							
Volume Left	68	8	38	161	0							
Volume Right	19	48	50	0	298							
cSH	1475	1201	414	361	968							
Volume to Capacity	0.05	0.01	0.22	0.48	0.31							
Queue Length 95th (ft)	4	0	20	63	33							
Control Delay (s)	1.6	0.5	19.2	23.9	10.4							
Lane LOS	A	A	C	C	B							
Approach Delay (s)	1.6	0.5	19.2	15.4								
Approach LOS			C	C								
Intersection Summary												
Average Delay			8.8									
Intersection Capacity Utilization			45.8%		ICU Level of Service				A			
Analysis Period (min)			15									

Lanes, Volumes, Timings

120 OLD POST ROAD, RYE, NY

7: OFFICE ACCESS DRIVE &amp; PLAYLAND A.D.

2016 COMBINED CONDITIONS, WEEKDAY P.M. PEAK HOUR

						
Lane Group	SET	SER	NWL	NWT	NEL	NER
Lane Configurations						
Volume (vph)	434	12	9	88	7	12
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900
Lane Width (ft)	12	12	12	12	12	12
Grade (%)	0%			0%	0%	
Storage Length (ft)		0	0		0	0
Storage Lanes		0	0		1	0
Taper Length (ft)			25		25	
Lane Util. Factor	1.00	1.00	1.00	1.00	1.00	1.00
Ped Bike Factor						
Frt	0.997				0.915	
Flt Protected				0.996	0.982	
Satd. Flow (prot)	1857	0	0	1855	1674	0
Flt Permitted				0.996	0.982	
Satd. Flow (perm)	1857	0	0	1855	1674	0
Link Speed (mph)	30			30	30	
Link Distance (ft)	484			139	157	
Travel Time (s)	11.0			3.2	3.6	
Confl. Peds. (#/hr)						
Confl. Bikes (#/hr)						
Peak Hour Factor	0.96	0.96	0.96	0.96	0.96	0.96
Growth Factor	100%	100%	100%	100%	100%	100%
Heavy Vehicles (%)	2%	2%	2%	2%	2%	2%
Bus Blockages (#/hr)	0	0	0	0	0	0
Parking (#/hr)						
Mid-Block Traffic (%)	0%			0%	0%	
Adj. Flow (vph)	452	13	9	92	7	13
Shared Lane Traffic (%)						
Lane Group Flow (vph)	464	0	0	101	19	0
Sign Control	Free			Free	Stop	

## Intersection Summary

Area Type: Other

Control Type: Unsignalized










Intersection Capacity Utilization 33.6%

ICU Level of Service A

Analysis Period (min) 15










HCM Unsignalized Intersection Capacity Analysis  
 7: OFFICE ACCESS DRIVE & PLAYLAND A.D.

120 OLD POST ROAD, RYE, NY  
 2016 COMBINED CONDITIONS, WEEKDAY P.M. PEAK HOUR

						
Movement	SET	SER	NWL	NWT	NEL	NER
Lane Configurations						
Volume (veh/h)	434	12	9	88	7	12
Sign Control	Free			Free	Stop	
Grade	0%			0%	0%	
Peak Hour Factor	0.96	0.96	0.96	0.96	0.96	0.96
Hourly flow rate (vph)	452	12	9	92	7	12
Pedestrians						
Lane Width (ft)						
Walking Speed (ft/s)						
Percent Blockage						
Right turn flare (veh)						
Median type	None			None		
Median storage (veh)						
Upstream signal (ft)						
pX, platoon unblocked						
vC, conflicting volume			465		569	458
vC1, stage 1 conf vol						
vC2, stage 2 conf vol						
vCu, unblocked vol			465		569	458
tC, single (s)			4.1		6.4	6.2
tC, 2 stage (s)						
tF (s)			2.2		3.5	3.3
p0 queue free %			99		98	98
cM capacity (veh/h)			1097		480	603
Direction, Lane #	SE 1	NW 1	NE 1			
Volume Total	465	101	20			
Volume Left	0	9	7			
Volume Right	12	0	12			
cSH	1700	1097	551			
Volume to Capacity	0.27	0.01	0.04			
Queue Length 95th (ft)	0	1	3			
Control Delay (s)	0.0	0.8	11.8			
Lane LOS		A	B			
Approach Delay (s)	0.0	0.8	11.8			
Approach LOS			B			
Intersection Summary						
Average Delay			0.5			
Intersection Capacity Utilization			33.6%	ICU Level of Service*		A
Analysis Period (min)			15			

Lanes, Volumes, Timings  
8: OLD POST ROAD & PLAYLAND A.D.

120 OLD POST ROAD, RYE, NY  
2016 COMBINED CONDITIONS, WEEKDAY P.M. PEAK HOUR

						
Lane Group	SEL	SER	NEL	NET	SWT	SWR
Lane Configurations						
Volume (vph)	334	112	13	195	122	84
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900
Lane Width (ft)	12	12	12	12	12	12
Grade (%)	0%			0%	0%	
Storage Length (ft)	0	0	0			0
Storage Lanes	1	0	0			0
Taper Length (ft)	25		25			
Lane Util. Factor	1.00	1.00	1.00	1.00	1.00	1.00
Ped Bike Factor						
Frt	0.966				0.945	
Flt Protected	0.964			0.997		
Satd. Flow (prot)	1735	0	0	1857	1760	0
Flt Permitted	0.964			0.997		
Satd. Flow (perm)	1735	0	0	1857	1760	0
Link Speed (mph)	30			30	30	
Link Distance (ft)	139			484	335	
Travel Time (s)	3.2			11.0	7.6	
Confl. Peds. (#/hr)						
Confl. Bikes (#/hr)						
Peak Hour Factor	0.88	0.88	0.88	0.88	0.88	0.88
Growth Factor	100%	100%	100%	100%	100%	100%
Heavy Vehicles (%)	2%	2%	2%	2%	2%	2%
Bus Blockages (#/hr)	0	0	0	0	0	0
Parking (#/hr)						
Mid-Block Traffic (%)	0%			0%	0%	
Adj. Flow (vph)	380	127	15	222	139	95
Shared Lane Traffic (%)						
Lane Group Flow (vph)	507	0	0	237	234	0
Sign Control	Stop			Free	Free	

#### Intersection Summary

Area Type: Other

Control Type: Unsignalized










Intersection Capacity Utilization 52.9%

ICU Level of Service A

Analysis Period (min) 15

HCM Unsignalized Intersection Capacity Analysis  
8: OLD POST ROAD & PLAYLAND A.D.

120 OLD POST ROAD, RYE, NY  
2016 COMBINED CONDITIONS, WEEKDAY P.M. PEAK HOUR

						
Movement	SEL	SER	NEL	NET	SWT	SWR
Lane Configurations						
Volume (veh/h)	334	112	13	195	122	84
Sign Control	Stop			Free	Free	
Grade	0%			0%	0%	
Peak Hour Factor	0.88	0.88	0.88	0.88	0.88	0.88
Hourly flow rate (vph)	380	127	15	222	139	95
Pedestrians						
Lane Width (ft)						
Walking Speed (ft/s)						
Percent Blockage						
Right turn flare (veh)						
Median type				None	None	
Median storage (veh)						
Upstream signal (ft)						
pX, platoon unblocked						
vC, conflicting volume	438	186	234			
vC1, stage 1 conf vol						
vC2, stage 2 conf vol						
vCu, unblocked vol	438	186	234			
tC, single (s)	6.4	6.2	4.1			
tC, 2 stage (s)						
tF (s)	3.5	3.3	2.2			
p0 queue free %	33	85	99			
cM capacity (veh/h)	570	856	1333			
Direction, Lane #	SE 1	NE 1	SW 1			
Volume Total	507	236	234			
Volume Left	380	15	0			
Volume Right	127	0	95			
cSH	622	1333	1700			
Volume to Capacity	0.81	0.01	0.14			
Queue Length 95th (ft)	209	1	0			
Control Delay (s)	31.2	0.6	0.0			
Lane LOS	D	A				
Approach Delay (s)	31.2	0.6	0.0			
Approach LOS	D					
<b>Intersection Summary</b>						
Average Delay			16.3			
Intersection Capacity Utilization			52.9%	ICU Level of Service	A	
Analysis Period (min)			15			












## Lanes, Volumes, Timings

9: OLD POST ROAD &amp; NYS THRUWAY ACCESS DRIVE

120 OLD POST ROAD, RYE, NY

2016 COMBINED CONDITIONS, WEEKDAY P.M. PEAK HOUR

						
Lane Group	SEL	SER	NEL	NET	SWT	SWR
Lane Configurations						
Volume (vph)	33	54	422	107	152	134
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900
Lane Width (ft)	12	12	12	12	12	12
Grade (%)	0%			0%	0%	
Storage Length (ft)	0	0	0			0
Storage Lanes	1	0	0			0
Taper Length (ft)	25		25			
Lane Util. Factor	1.00	1.00	1.00	1.00	1.00	1.00
Ped Bike Factor						
Frt	0.916				0.937	
Flt Protected	0.981			0.962		
Satd. Flow (prot)	1674	0	0	1792	1745	0
Flt Permitted	0.981			0.962		
Satd. Flow (perm)	1674	0	0	1792	1745	0
Link Speed (mph)	30			30	30	
Link Distance (ft)	589			335	220	
Travel Time (s)	13.4			7.6	5.0	
Confl. Peds. (#/hr)						
Confl. Bikes (#/hr)						
Peak Hour Factor	0.87	0.87	0.87	0.87	0.87	0.87
Growth Factor	100%	100%	100%	100%	100%	100%
Heavy Vehicles (%)	2%	2%	2%	2%	2%	2%
Bus Blockages (#/hr)	0	0	0	0	0	0
Parking (#/hr)						
Mid-Block Traffic (%)	0%			0%	0%	
Adj. Flow (vph)	38	62	485	123	175	154
Shared Lane Traffic (%)						
Lane Group Flow (vph)	100	0	0	608	329	0
Sign Control	Stop			Free	Free	

## Intersection Summary

Area Type: Other

Control Type: Unsignalized










Intersection Capacity Utilization 60.3%

ICU Level of Service B

Analysis Period (min) 15

HCM Unsignalized Intersection Capacity Analysis  
 9: OLD POST ROAD & NYS THRUWAY ACCESS DRIVE

120 OLD POST ROAD, RYE, NY  
 2016 COMBINED CONDITIONS, WEEKDAY P.M. PEAK HOUR

						
Movement	SEL	SER	NEL	NET	SWT	SWR
Lane Configurations						
Volume (veh/h)	33	54	422	107	152	134
Sign Control	Stop			Free	Free	
Grade	0%			0%	0%	
Peak Hour Factor	0.87	0.87	0.87	0.87	0.87	0.87
Hourly flow rate (vph)	38	62	485	123	175	154
Pedestrians						
Lane Width (ft)						
Walking Speed (ft/s)						
Percent Blockage						
Right turn flare (veh)						
Median type				None	None	
Median storage (veh)						
Upstream signal (ft)						
pX, platoon unblocked						
vC, conflicting volume	1345	252	329			
vC1, stage 1 conf vol						
vC2, stage 2 conf vol						
vCu, unblocked vol	1345	252	329			
tC, single (s)	6.4	6.2	4.1			
tC, 2 stage (s)						
tF (s)	3.5	3.3	2.2			
p0 queue free %	63	92	61			
cM capacity (veh/h)	101	787	1231			
Direction, Lane #	SE 1	NE 1	SW 1			
Volume Total	100	608	329			
Volume Left	38	485	0			
Volume Right	62	0	154			
cSH	221	1231	1700			
Volume to Capacity	0.45	0.39	0.19			
Queue Length 95th (ft)	54	48	0			
Control Delay (s)	34.2	8.7	0.0			
Lane LOS	D	A				
Approach Delay (s)	34.2	8.7	0.0			
Approach LOS	D					
Intersection Summary						
Average Delay			8.4			
Intersection Capacity Utilization			60.3%	ICU Level of Service		B
Analysis Period (min)			15			



# CITY COUNCIL AGENDA

NO. 8

DEPT.: City Council

DATE: October 7, 2015

CONTACT: Mayor Joseph A. Sack

**AGENDA ITEM:** Public Hearing to amend local law Chapter 133, "Noise", of the Rye City Code regarding regulations on mechanical rock removal.

**FOR THE MEETING OF:**

October 7, 2015

**RYE CITY CODE,**

CHAPTER 133

SECTION 8

**RECOMMENDATION:** That the Council hold a Public Hearing to amend Chapter 133 regarding regulations on mechanical rock removal.

**IMPACT:** ☐ Environmental ☐ Fiscal ☒ Neighborhood ☐ Other:

**BACKGROUND:** Recommendations regarding mechanical rock removal will be presented to the City Council including limits on duration of rock chipping, establishing a permit process, better notice to neighbors, increased restrictions on hours and adding additional holidays when rock chipping would be prohibited.

See attached:

- Original Draft Local Law
- Redlined Draft Local Law with changes discussed at the 9/16/15 Council meeting
- Clean version Draft Local Law with changes discussed at the 9/16/15 meeting

**CITY OF RYE**  
**LOCAL LAW NO. 2015**

A local law to amend Chapter 133 “Noise” of the Code of the City of Rye by renaming and amending Section 8 as follows “Permit Required; Construction work, mechanical rock removal and blasting restrictions”; amending Section 133-9 “Penalties for Offenses” to increase the penalties, and amending Section 133-10 “Exempt Acts” to exempt certain entities from the requirements as follows:

**Be it enacted by the City Council of the City of Rye as follows:**

**Section 1:** Chapter 133-8 “**Permit Required;** ~~Construction work, mechanical rock removal and blasting restrictions~~” ~~to certain hours and days.”~~

**A.** Whenever used in this section, the following terms shall have the meanings indicated:

**ROCK REMOVAL PERMIT** – A permit issued for rock removal on a subject property.

**SUBJECT PROPERTY** – The lot for which a rock removal permit or blasting permit pursuant to Chapter 98 is issued.

**B.** **TESTING DAYS** – A day when a school is administering a state or federally mandated test or a day when the school is administering an advanced placement test, PSAT, LSAT, SAT, ACT, MCAT, final examinations or other similar tests, as long as the school or district posts on their web site at the beginning of each school year such dates and provides such information at the beginning of the school year to the Building Department .No Mechanical Rock Removal or blasting may take place unless a permit is obtained. All permits shall identify the purpose for which the Rock Removal Permit or blasting permit is being issued, the owner of the Subject Property, including any partners of any limited liability company, and the permitted duration of the Mechanical Rock Removal or blasting.

(1) **Mechanical Rock Removal and blasting shall be restricted to thirty (30) consecutive calendar days.**

(2) **No new/additional Rock Removal Permit or blasting permit (see Chapter 98) shall be issued for the same Subject Property for 18 months from the date any previously issued permit expires.**

**C.** **Upon receiving a Rock Removal Permit or blasting permit, any individual who intends to engage in Mechanical Rock Removal or blasting on any property in the City of Rye shall register with the City at least seven (7)**

calendar days prior to the commencement of such activities. Upon such notification, the Subject Property will be listed on the City of Rye website showing the earliest commencement date and when the thirty day period ceases. Such notice shall be displayed in a visible location at the Subject Property.

(3) In addition to notifying the City as required in Section B(3) above, the individual must also notify the neighbors by sending out a public notification prepared by the Building Department. The applicant shall prepare a notification list, using the most current City of Rye Tax Maps and Tax Assessment Roll, showing the Tax Map sheet, block and lot number, the owner's name and owner's mailing address for each property located wholly or partially within 500 feet of the Subject Property. If a property on the public notification list is also listed as a cooperative or an apartment, the notice shall only be mailed to the property owner of record. These mailing requirements must be performed in accordance with the following requirements:

- a. The mailing shall be limited solely to the public notice provided by the City Building Department.
- b. The notice shall be mailed to all property owners by certified mail with certificate of mailing (no return receipt necessary) at a post office or official depository of the Postal Service, at least ten (10) days prior to the commencement of Mechanical Rock Removal.
- c. The individual must provide a copy of the certificate of mailing to the City Building Department prior to the commencement of any Mechanical Rock Removal or blasting.

**D.** Construction work prohibited at certain hours and on certain days. No person shall engage in construction work earlier than 7:30 a.m. or later than 6:30 p.m., prevailing time, on weekdays; earlier than 10:00 a.m. or later than 5:00 p.m., prevailing time, on Saturdays; or at any hour on Sundays or any of the following holidays: New Year's Day, Presidents' Day, Martin Luther King Jr. Day, Memorial Day, Independence Day, Labor Day, Columbus Day, Veterans Day, Yom Kippur, Thanksgiving Day through Thanksgiving weekend and Christmas Day through New Year's Day.

**E.** Notwithstanding any provision of §133-8 to the contrary, an individual may perform construction work him/herself on property on which such individual then resides as follows:

- (i) Weekdays, between 7:30 a.m. and 8:00 p.m.
- (ii) Saturdays and Sundays (including holidays), between the hours of 10:00 a.m. and 8:00 p.m.

- F.** Mechanical Rock Removal and blasting are prohibited at certain hours and on certain days. No person shall engage in Mechanical Rock Removal, as defined in Subsection A, or blasting operations using explosives as defined by § 98-40, within the City of Rye after the hour of 3:30 p.m. or before 9:00 a.m. **on weekdays or at any time on Saturday and Sunday;** or on any of the following holidays **and time periods:** New Year's Day, Presidents' Day, **Martin Luther King Jr. Day,** Memorial Day, Independence Day, Labor Day, **Columbus Day,** **Veterans Day,** **Yom Kippur,** Thanksgiving Day **through Thanksgiving weekend** and Christmas Day **through New Year's Day** except under authority of a special permit issued by the City Manager. **In addition, Mechanical Rock Removal and blasting will be prohibited within 500 feet of a school on Testing Days.**
- G.** **No person performing Mechanical Rock Removal shall have more than one machine and one hammer operating on the Subject Property at the same time. Rock crushing shall not be permitted on the Subject Property. Any rock hammer must be removed from the site by the end of the third calendar day following the expiration of the 30 calendar day period for Mechanical Rock Removal set forth above.**

## **Section 2: Chapter 133-9. "Penalties for offenses".**

In the event an activity is not being performed in accordance with this chapter, the owner of the property or the owner's agent or the person performing such violation shall be notified to suspend all work, and any such persons shall forthwith stop such work and suspend all activities. Such order and notice shall be in writing and may be served upon a person to whom it is directed either by delivering it personally to him or by posting the same upon a conspicuous portion of the property and sending a copy of same by registered or certified mail. Any person who violates any provision of this chapter shall be guilty of an offense and shall, upon conviction thereof, be subject to a fine of not more than \$250 or imprisonment for a term of not more than 15 days, or both except that violations under § 133-8, **Permit Required; Construction Work, Mechanical Rock Removal and blasting restrictions,** shall be treated as individual violations for each and every such violation and noncompliance, respectively, thereof, shall be punished upon such first conviction by a fine of not more than **\$1,000,** an order to suspend construction work **and/or mechanical rock removal and/or blasting** on the site for a period of not more than 72 hours, or by imprisonment not exceeding 15 days, or any combination of such fine, suspension, and imprisonment, and each day that such violation shall continue shall be construed as a separate offense. Upon any subsequent conviction for the same offense such person shall be subject to a fine of not more than **\$2,000,** or an order to suspend construction work **and/or mechanical rock removal and/or blasting** on the site for a period of not more than 72 hours, or by imprisonment not exceeding 15 days, or any

combination of such fine, suspension and imprisonment. The imposition of one penalty for any violation shall not excuse or remedy such violations.

**Section 3: Chapter 133-10. “Exempt acts”.**

**§ 133-10. Exempt acts.**

The following activities and agencies are exempt from the requirement of this Chapter:

- A. The actions of governmental agencies, **including the Rye City School District and the Rye Neck Union Free School District**, shall be specifically exempt from the requirements of this chapter.
- B. **Removal of up to 2,000 cubic feet of rock for utilities shall be exempt from the requirements of this Chapter, but in no circumstance may this provision be used for Mechanical Rock removal for more than three (3) days.**

**Section 4: Severability.**

If any clause, sentence, paragraph, section or part of any section of this title shall be adjudged by any court of competent jurisdiction to be invalid, such judgment shall not affect, impair or invalidate the remainder thereof, but shall be confined in its operation to the clause, sentence, paragraph, section or part thereof directly involved in the controversy and in which such judgment shall have been rendered.

**Section 5: Effective date.**

This local law will take effect immediately on filing in the office of the Secretary of State.



CITY OF RYE  
LOCAL LAW NO. 2015

A local law to amend Chapter 133 "Noise" of the Code of the City of Rye by renaming and amending Section 8 as follows "Permit Required; Construction work, mechanical rock ~~removal~~-excavation and blasting restrictions"; amending Section 133-9 "Penalties for Offenses" to increase the penalties, and amending Section 133-10 "Exempt Acts" to exempt certain entities from the requirements as follows:

Be it enacted by the City Council of the City of Rye as follows:

**Section 1:** Chapter 133-8 "~~Permit Required; Construction work, mechanical rock removal~~-excavation and blasting restrictions" to certain hours and days."

**A.** Whenever used in this section, the following terms shall have the meanings indicated:

**MECHANICAL ROCK REMOVAL-EXCAVATION PERMIT** – A permit issued for rock ~~removal~~-excavation on a ~~Subject~~ **P**roperty.

**SUBJECT PROPERTY** – The lot for which a ~~mechanical rock removal~~-excavation permit or blasting permit pursuant to Chapter 98 is issued.

**MECHANICAL ROCK EXCAVATION** – Mechanical ~~RRock R~~Removal with the use of a mechanical hammer or other similar device, but excluding the drilling or boring of holes, and excluding the removal of man-made structures such as concrete steps or driveways.

**TESTING DAYS** – A day when a school is administering a state or federally mandated test or a day when the school is administering an advanced placement test, PSAT, ~~LSAT~~, SAT, ACT, ~~MCAT~~, final examinations or other similar tests, as long as the school or district posts on their web site at the beginning of each school year such dates and provides such information at the beginning of the school year to the Building Department.

**B.** No Mechanical Rock ~~Removal-Excavation~~ or blasting may take place unless a permit is obtained. All permits shall identify the purpose for which the ~~Mechanical Rock Removal-Excavation~~ Permit or blasting permit is being issued, the owner of the Subject Property, including any partners of any limited liability company, and the permitted duration of the Mechanical Rock ~~Removal~~-Excavation or blasting.

**(i)** Mechanical Rock ~~Removal-Excavation~~ and blasting shall be restricted to thirty ~~eight~~ (380) consecutive calendar days.



(i)(ii) No new/additional Mechanical Rock Removal-Excavation Permit or blasting permit (see Chapter 98) shall be issued for the same Subject Property for 18 months from the date any previously issued permit expires.

C. No Mechanical Rock ExeavationExcavation Permit or blasting permit shall be issued unless the Applicant has a dust mitigation plan approved by the Building Department. Such dust mitigation plan shall incorporate the best dust control practices including, but not limited to, a water spray system (air suppression or surface wetting). All dust mitigation plans shall include measures to control water runoff as a result of any water spray program.

(i) a.—Trucks and other vehicles used to transport particulate matter shall be covered and any particulate matter kept on site shall be sufficiently wetted or stored to prevent particulate matter from becoming airborne.

(ii) b.—Portable hand water sprinklers or hose sprinklers are acceptable means of wetting for dust control. The water sprays or jets shall be designed to break the water stream into small droplets or otherwise to provide effective wetting.

(iii) (iii)e.—Suitable drainage means shall be provided for the removal of water and sludge which drains from the operation.

(iv) (iv)d.— Soil or debris piles shall be moistened if dust is being emitted from the piles due to prevailing winds and not from a momentary gust. Adequately secured tarps, plastic or other material may be required by the Building Department to further reduce dust emissions.

D. Upon receiving a Mechanical Rock Removal-Excavation Permit or blasting permit, any individual who intends to engage in Mechanical Rock Removal Excavation or blasting on any property in the City of Rye shall register with the City at least seven (7) calendar days prior to the commencement of such activities. Upon such notification, the Subject Property will be listed on the City of Rye website showing the earliest commencement date and when the thirty eight (38)thirty day period ceases. Such notice shall be displayed in a visible location at the Subject Property.

(i) In addition to notifying the City as required in Section B(3) above, the individual must also notify the neighbors by sending out a public notification prepared by the Building Department. The applicant shall prepare a notification list, using the most current City of Rye Tax Maps and Tax Assessment Roll, showing the Tax Map sheet, block and lot number, the owner's name and owner's mailing address for each property located wholly or partially within 500 feet of the Subject Property. If a property on the public notification list is also listed as a cooperative or an apartment, the notice shall only be mailed



to the property owner of record. These mailing requirements must be performed in accordance with the following requirements:

(ii) The mailing shall be limited solely to the public notice provided by the City Building Department.

(v) The notice shall be mailed to all property owners by regular U.S. Mail by ~~certified mail with certificate of mailing (no return receipt necessary)~~ at a post office or official depository of the Postal Service, at least ten (10) days prior to the commencement of Mechanical Rock RemovalExcavation or blasting.

~~The individual must provide a copy of the certificate of mailing to the City Building Department prior to the commencement of any Mechanical Rock ExcavationRemoval or blasting.~~

E. Construction work prohibited at certain hours and on certain days. No person shall engage in construction work earlier than 7:30 a.m. or later than 6:30 p.m., prevailing time, on weekdays; earlier than 10:00 a.m. or later than 5:00 p.m., prevailing time, on Saturdays; or at any hour on Sundays or any of the following holidays: New Year's Day, Presidents' Day, Martin Luther King Jr. Day, Memorial Day, Independence Day, Labor Day, Columbus Day, Veterans Day, Yom Kippur, Thanksgiving Day through Thanksgiving weekend and Christmas Day through New Year's Day.

F. Notwithstanding any provision of §133-8 to the contrary, an individual may perform construction work him/herself on property on which such individual then resides as follows:

(i) ~~(i)~~ Weekdays, between 7:30 a.m. and 8:00 p.m.

(ii) ~~(ii)~~ Saturdays and Sundays (including holidays), between the hours of 10:00 a.m. and 8:00 p.m.

FG. Mechanical Rock Removal, including Mechanical Rock Excavation, and blasting are prohibited at certain hours and on certain days. No person shall engage in Mechanical Rock Removal or Mechanical Rock Excavation, as defined in Subsection A, or blasting operations using explosives as defined by § 98-40, within the City of Rye after the hour of 3:30 p.m. or before 9:00 a.m. on weekdays or at any time on Saturday and Sunday; or on any of the following holidays and time periods: New Year's Day, Presidents' Day, Martin Luther King Jr. Day, Memorial Day, Independence Day, Labor Day, Columbus Day, Veterans Day, Yom Kippur, Thanksgiving Day through Thanksgiving weekend and Christmas Day through New Year's Day except under authority of a special permit issued by the City Manager.



In addition, Mechanical Rock Removal, Mechanical Rock Excavation and blasting will be prohibited within 500 feet of a school on Testing Days.

**HG.** No person performing Mechanical Rock ~~Removal-Excavation~~ shall have more than ~~twoone~~ machines and ~~twoone~~ hammers operating on the Subject Property at the same time. Rock crushing shall not be permitted on the Subject Property. ~~Any rock hammer must be removed from the site by the end of the third calendar day following the expiration of the 30 calendar day period for Mechanical Rock Removal set forth above.~~

**HI.** A property owner who has properly applied for and received a permit for Mechanical Rock ~~Excavation~~Excavation or blasting, and has otherwise complied with the provisions of this law, may apply to the City Manager for an additional, one-time seven (7) calendar day waiver in addition to the thirty -eight (38) days above, subject to all the other restrictions contained herein, to be granted at the discretion of the City Manager on a reasonable basis under a totality of the circumstances presented. If the waiver is granted, the additional seven (-7) day period will be set by the City Manager, and the period will be listed on the City website.

## **Section 2: Chapter 133-9. "Penalties for offenses".**

In the event an activity is not being performed in accordance with this chapter, the owner of the property or the owner's agent or the person performing such violation shall be notified to suspend all work, and any such persons shall forthwith stop such work and suspend all activities. ~~Such order and notice shall be in writing and may be served upon a person to whom it is directed either by delivering it personally to him or by posting the same upon a conspicuous portion of the property and sending a copy of same by registered or certified mail.~~ Any person who violates any provision of this chapter shall be guilty of an offense and shall, upon conviction thereof, be subject to a fine of not more than \$250 or imprisonment for a term of not more than 15 days, or both except that violations under § 133-8, **Permit Required; Construction Work, Mechanical Rock Removal and blasting restrictions**, shall be treated as individual violations for each and every such violation and noncompliance, respectively, thereof, shall be punished upon such first conviction by a fine of not more than **\$1,000**, an order to suspend construction work **and/or mechanical rock removal and/or excavation and/or blasting** on the site for a period of not more than 72 hours, or by imprisonment not exceeding 15 days, or any combination of such fine, suspension, and imprisonment, and each day that such violation shall continue shall be construed as a separate offense. Upon any subsequent conviction for the same offense such person shall be subject to a fine of not more than **\$2,000**, or an order to suspend construction work **and/or mechanical rock removal and/or excavation and/or blasting** on the site for a period of not more than 72 hours, or by

**CITY OF RYE**  
**LOCAL LAW NO. 2015**

A local law to amend Chapter 133 “Noise” of the Code of the City of Rye by renaming and amending Section 8 as follows “Permit Required; Construction work, mechanical rock excavation and blasting restrictions”; amending Section 133-9 “Penalties for Offenses” to increase the penalties, and amending Section 133-10 “Exempt Acts” to exempt certain entities from the requirements as follows:

Be it enacted by the City Council of the City of Rye as follows:

**Section 1:** Chapter 133-8 “**Permit Required;** Construction work, **mechanical rock excavation and blasting restrictions** ~~to certain hours and days.~~”

**A.** Whenever used in this section, the following terms shall have the meanings indicated:

**MECHANICAL ROCK EXCAVATION PERMIT** – A permit issued for rock excavation on a Subject Property.

**SUBJECT PROPERTY** – The lot for which a mechanical rock excavation permit or blasting permit pursuant to Chapter 98 is issued.

**MECHANICAL ROCK EXCAVATION** – Mechanical Rock Removal with the use of a mechanical hammer or other similar device, but excluding the drilling or boring of holes, and excluding the removal of man-made structures such as concrete steps or driveways.

**TESTING DAYS** – A day when a school is administering a state or federally mandated test or a day when the school is administering an advanced placement test, PSAT, SAT, ACT, final examinations or other similar tests, as long as the school or district posts on their web site at the beginning of each school year such dates and provides such information at the beginning of the school year to the Building Department.

**B.** **No Mechanical Rock Excavation or blasting may take place unless a permit is obtained. All permits shall identify the purpose for which the Mechanical Rock Excavation Permit or blasting permit is being issued, the owner of the Subject Property, including any partners of any limited liability company, and the permitted duration of the Mechanical Rock Excavation or blasting.**

**(i)** **Mechanical Rock Excavation and blasting shall be restricted to thirty eight (38) consecutive calendar days.**

**(ii)** **No new/additional Mechanical Rock Excavation Permit or blasting permit (see Chapter 98) shall be issued for the same**

**Subject Property for 18 months from the date any previously issued permit expires.**

**C. No Mechanical Rock Excavation Permit or blasting permit shall be issued unless the Applicant has a dust mitigation plan approved by the Building Department. Such dust mitigation plan shall incorporate the best dust control practices including, but not limited to, a water spray system (air suppression or surface wetting). All dust mitigation plans shall include measures to control water runoff as a result of any water spray program.**

- (i) Trucks and other vehicles used to transport particulate matter shall be covered and any particulate matter kept on site shall be sufficiently wetted or stored to prevent particulate matter from becoming airborne.**
- (ii) Portable hand water sprinklers or hose sprinklers are acceptable means of wetting for dust control. The water sprays or jets shall be designed to break the water stream into small droplets or otherwise to provide effective wetting.**
- (iii) Suitable drainage means shall be provided for the removal of water and sludge which drains from the operation.**
- (iv) Soil or debris piles shall be moistened if dust is being emitted from the piles due to prevailing winds and not from a momentary gust. Adequately secured tarps, plastic or other material may be required by the Building Department to further reduce dust emissions.**

**D. Upon receiving a Mechanical Rock Excavation Permit or blasting permit, any individual who intends to engage in Mechanical Rock Excavation or blasting on any property in the City of Rye shall register with the City at least seven (7) calendar days prior to the commencement of such activities. Upon such notification, the Subject Property will be listed on the City of Rye website showing the earliest commencement date and when the thirty eight (38) day period ceases. Such notice shall be displayed in a visible location at the Subject Property.**

- (i) In addition to notifying the City as required above, the individual must also notify the neighbors by sending out a public notification prepared by the Building Department. The applicant shall prepare a notification list, using the most current City of Rye Tax Maps and Tax Assessment Roll, showing the Tax Map sheet, block and lot number, the owner's name and owner's mailing address for each property located wholly or partially within 500 feet of the Subject Property. If a property on the public notification list is also listed as a cooperative or an apartment, the notice shall only be mailed to the property owner of record. These mailing requirements must be performed in accordance with the following requirements:**



**(ii) The mailing shall be limited solely to the public notice provided by the City Building Department.**

**(iii) The notice shall be mailed to all property owners by regular U.S. Mail at a post office or official depository of the Postal Service, at least ten (10) days prior to the commencement of Mechanical Rock Excavation or blasting.**

**E.** Construction work prohibited at certain hours and on certain days. No person shall engage in construction work earlier than 7:30 a.m. or later than 6:30 p.m., prevailing time, on weekdays; earlier than 10:00 a.m. or later than 5:00 p.m., prevailing time, on Saturdays; or at any hour on Sundays or any of the following holidays: New Year's Day, Presidents' Day, **Martin Luther King Jr. Day**, Memorial Day, Independence Day, Labor Day, **Columbus Day**, **Veterans Day**, **Yom Kippur**, Thanksgiving Day **through Thanksgiving weekend** and Christmas Day **through New Year's Day**.

**F.** Notwithstanding any provision of §133-8 to the contrary, an individual may perform construction work him/herself on property on which such individual then resides as follows:

(i) Weekdays, between 7:30 a.m. and 8:00 p.m.

(ii) Saturdays and Sundays (including holidays), between the hours of 10:00 a.m. and 8:00 p.m.

**G.** Mechanical Rock Removal, **including Mechanical Rock Excavation**, and blasting are prohibited at certain hours and on certain days. No person shall engage in Mechanical Rock Removal **or Mechanical Rock Excavation**, as defined in Subsection A, or blasting operations using explosives as defined by § 98-40, within the City of Rye after the hour of 3:30 p.m. or before 9:00 a.m. **on weekdays or at any time on Saturday and Sunday**; or on any of the following holidays **and time periods**: New Year's Day, Presidents' Day, **Martin Luther King Jr. Day**, Memorial Day, Independence Day, Labor Day, **Columbus Day**, **Veterans Day**, **Yom Kippur**, Thanksgiving Day **through Thanksgiving weekend** and Christmas Day **through New Year's Day** except under authority of a special permit issued by the City Manager. **In addition, Mechanical Rock Removal, Mechanical Rock Excavation and blasting will be prohibited within 500 feet of a school on Testing Days.**

**H.** **No person performing Mechanical Rock Excavation shall have more than two machines and two hammers operating on the Subject Property at the same time. Rock crushing shall not be permitted on the Subject Property.**



- I. A property owner who has properly applied for and received a permit for Mechanical Rock Excavation or blasting, and has otherwise complied with the provisions of this law, may apply to the City Manager for an additional, one-time seven (7) calendar day waiver in addition to the thirty-eight (38) days above, subject to all the other restrictions contained herein, to be granted at the discretion of the City Manager on a reasonable basis under a totality of the circumstances presented. If the waiver is granted, the additional seven (7) day period will be set by the City Manager, and the period will be listed on the City website.**

**Section 2: Chapter 133-9. “Penalties for offenses”.**

In the event an activity is not being performed in accordance with this chapter, the owner of the property or the owner’s agent or the person performing such violation shall be notified to suspend all work, and any such persons shall forthwith stop such work and suspend all activities. Any person who violates any provision of this chapter shall be guilty of an offense and shall, upon conviction thereof, be subject to a fine of not more than \$250 or imprisonment for a term of not more than 15 days, or both except that violations under § 133-8, **Permit Required; Construction Work, Mechanical Rock Removal and blasting restrictions**, shall be treated as individual violations for each and every such violation and noncompliance, respectively, thereof, shall be punished upon such first conviction by a fine of not more than **\$1,000**, an order to suspend construction work **and/or mechanical rock removal and/or excavation and/or blasting** on the site for a period of not more than 72 hours, or by imprisonment not exceeding 15 days, or any combination of such fine, suspension, and imprisonment, and each day that such violation shall continue shall be construed as a separate offense. Upon any subsequent conviction for the same offense such person shall be subject to a fine of not more than **\$2,000**, or an order to suspend construction work **and/or mechanical rock removal and/or excavation and/or blasting** on the site for a period of not more than 72 hours, or by imprisonment not exceeding 15 days, or any combination of such fine, suspension and imprisonment. The imposition of one penalty for any violation shall not excuse or remedy such violations.

**Section 3: Chapter 133-10. “Exempt acts”.**

**§ 133-10. Exempt acts.**

The following activities and agencies are exempt from the requirement of this Chapter:

- A. The actions of governmental agencies, **including the Rye City School District and the Rye Neck Union Free School District**, shall be specifically exempt from the requirements of this chapter.
- B. **Removal of rock for the sole purpose of the installation of gas or electrical**

**service, and the installation of water or sewer service, shall be exempt from sections B and D above. Any property owner seeking to utilize this exemption must certify in writing that the rock removal is solely for this purpose, and must provide at least 24 hours notice to the City of same. The property owner must provide new certification and notice if the removal lasts more than three (3) days. Upon such notice(s), the activity will be listed on the City website.**

**Section 4: Severability.**

If any clause, sentence, paragraph, section or part of any section of this title shall be adjudged by any court of competent jurisdiction to be invalid, such judgment shall not affect, impair or invalidate the remainder thereof, but shall be confined in its operation to the clause, sentence, paragraph, section or part thereof directly involved in the controversy and in which such judgment shall have been rendered.

**Section 5: Effective date.**

This local law will take effect immediately on filing in the office of the Secretary of State.

imprisonment not exceeding 15 days, or any combination of such fine, suspension and imprisonment. The imposition of one penalty for any violation shall not excuse or remedy such violations.

**Section 3: Chapter 133-10. "Exempt acts".**

**§ 133-10. Exempt acts.**

The following activities and agencies are exempt from the requirement of this Chapter:

- A. The actions of governmental agencies, including the Rye City School District and the Rye Neck Union Free School District, shall be specifically exempt from the requirements of this chapter.
- B. Removal of up to 2,000 cubic feet of rock for the sole purpose of the installation of gas or electrical service, and the installation of water or sewer service, shall be exempt from sections B and D above. utilities shall be exempt from the requirements of this Chapter, but in no circumstance may this provision be used for Mechanical Rock removal for more than three (3) days. Any property owner seeking to utilize this exemption must certify in writing that the rock removal is solely for this purpose, and must provide at least 24 hours notice to the City of same. The property owner must provide new certification and notice if the removal lasts more than three (3) days. Upon such notice(s), the activity will be listed on the City website.

**Section 4: Severability.**

If any clause, sentence, paragraph, section or part of any section of this title shall be adjudged by any court of competent jurisdiction to be invalid, such judgment shall not affect, impair or invalidate the remainder thereof, but shall be confined in its operation to the clause, sentence, paragraph, section or part thereof directly involved in the controversy and in which such judgment shall have been rendered.

**Section 5: Effective date.**

This local law will take effect immediately on filing in the office of the Secretary of State.



# CITY COUNCIL AGENDA

NO. 8A

DEPT.: City Manager's Office

DATE: October 7, 2015

CONTACT: Marcus Serrano, City Manager

**AGENDA ITEM:** Discussion to amend local law Chapter 191, "Vehicles and Traffic", of the Rye City Code by amending Section §191-19, "No parking any time" to prohibit parking on the north side of Osborn Road between Theall Road and the Harrison line and on the south side of Osborn Road between Coolidge Avenue and the Harrison line.

**FOR THE MEETING OF:**

October 7, 2015

**RYE CITY CODE,**

CHAPTER

SECTION

**RECOMMENDATION:** That the Council discuss the change to prohibit parking in the specified sections on Osborn road.

**IMPACT:** ☐ Environmental ☐ Fiscal ☒ Neighborhood ☐ Other:

**BACKGROUND:** A request has been made from residents to prohibit parking on Osborn Road to provide for pedestrian and traffic safety. Parking would be prohibited on the north side of Osborn Road between Theall Road and the Harrison line and on the south side of Osborn Road between Coolidge Avenue and the Harrison line. The request has been forwarded to the Traffic and Pedestrian Safety Committee who will review it at their meeting on Thursday, October 8<sup>th</sup> at Rye City Hall.



# CITY COUNCIL AGENDA

NO. 9

DEPT.: City Manager

DATE: October 7, 2015

CONTACT: Marcus Serrano, City Manager

**AGENDA ITEM:** Summary of the 2016 Budget Process and Consideration of setting the 2016 Budget schedule.

**FOR THE MEETING OF:**

October 7, 2015

**RYE CITY CODE,  
CHAPTER  
SECTION**

**RECOMMENDATION:** That the Council review the 2016 Budget process and assign dates for the upcoming 2016 Budget Workshops.

**IMPACT:** ☐ Environmental ☒ Fiscal ☐ Neighborhood ☐ Other:

**BACKGROUND:** Tentative dates for the Budget process include:

Wednesday, November 4: Presentation of the Budget

Monday, November 9: Capital Projects Fund

Building & Vehicle Fund

Department of Public Works

Monday, November 16: Public Safety: Police and Fire

Recreation

Golf Enterprise Fund

Boat Basin Enterprise Fund

Rye TV Special Review Fund

Wednesday, November 18: Rye Free Reading Room


Contract Service Agencies


Wednesday, December 2: Public Hearing on the Budget

Wednesday, December 16: Adoption of the Budget

See attached.

## 2016 Budget Calendar

November 2015						
Sun	Mon	Tue	Wed	Thu	Fri	Sat
1	2	3 Election Day	4 <b>Council Meeting</b>  Budget Presentation	5	6	7
8	9 <b>Budget Workshop</b> Capital Projects Fund Building & Vehicle Fund Public Works Budget	10	11  Veterans Day	12	13	14
15	16 <b>Budget Workshop</b> Rye Free Reading Room Police Budget Fire Budget Boat Basin RTV	17	18 <b>Council Meeting/ Budget Workshop</b> Recreation Rye Golf Contract Service Agencies	19	20	21
22	23	24	25	26 	27	28

December 2015						
Sun	Mon	Tue	Wed	Thu	Fri	Sat
29	30	1	2 <b>Council Meeting</b>  Public Hearing	3	4	5
6 	7	8	9	10	11	12
13	14	15	16 <b>Council Meeting</b>  Budget Adoption	17	18	19
20	21	22	23	24	25 	26





# CITY COUNCIL AGENDA

NO. 10A

DEPT.: City Council

DATE: October 7, 2015

CONTACT: Mayor Joseph A. Sack

**AGENDA ITEM:** Consideration of a request for a waiver from the Rock Chipping Moratorium for the project located at 50 Cowles Avenue.

**FOR THE MEETING OF:**

October 7, 2015

**RYE CITY CODE,**

CHAPTER

SECTION

**RECOMMENDATION:** That the City Council review and consider the request for a waiver.

**IMPACT:** ☐ Environmental ☐ Fiscal ☒ Neighborhood ☒ Other:

**BACKGROUND:** The City Council adopted a local law instituting a six-month moratorium in the City of Rye temporarily prohibiting Mechanical Rock Removal or use of explosives within the City of Rye for more than a total of thirty consecutive calendar days at their June 10, 2015 meeting. The law stipulates that *"An aggrieved property owner may apply to the City Council for a waiver and the City Council shall have the discretion to grant such waiver. The property owner shall have the burden of demonstrating to the City Council that a waiver is warranted due to substantial hardship and that such substantial hardship was not the result of an act or omission by the property owner."*

Rye residents Donna and Isaac Zion have submitted a waiver for the project located at 4 Forest Avenue seeking additional time to chip. Homeowners Donna and Isaac Zion note that their project began before the rock moratorium was passed and seek additional time to finish their project. Their original permit ran from 6/23/15 to 7/22/15.





# CITY COUNCIL AGENDA

NO. 11

DEPT.: Finance

DATE: October 7, 2015

CONTACT: Joseph S. Fazzino, Deputy City Comptroller

**AGENDA ITEM:** Resolution to transfer \$15,000 from the Contingency account to Street Maintenance to fund the restoration and placement of the City of Rye Mile Markers.

**FOR THE MEETING OF:**  
October 7, 2015

**RECOMMENDATION:** That the City Council adopt the following resolution:

WHEREAS, City staff has determined that the amounts required for the cost of restoration and placement of the City of Rye Mile Markers has exceeded the amount budgeted, and;

WHEREAS, the General Fund Contingent Account has a balance of \$50,000, now therefore be it;

RESOLVED, that the City Comptroller is authorized to transfer \$15,000 from the General Fund Contingent Account to the Street Maintenance Account.

**IMPACT:** ☐ Environmental ☒ Fiscal ☐ Neighborhood ☐ Other:

**BACKGROUND:** Use and status of the Contingent Account:

01/01/2015 Beginning balance	\$300,000
04/08/2015 Transfer to Public Works for Salt and Overtime	(250,000)
10/07/2015 Transfer to Street Maintenance for Mile Markers	<u>(15,000)</u>
10/07/2015 Balance	<u>\$ 35,000</u>



# CITY COUNCIL AGENDA

NO. 12

DEPT.: City Manager

DATE: October 7, 2015

CONTACT: Marcus Serrano, City Manager

**AGENDA ITEM:** Resolution to declare certain City of Rye Police equipment as surplus.

**FOR THE MEETING OF:**

October 7, 2015

**RYE CITY CODE,**

CHAPTER  
SECTION

**RECOMMENDATION:** That the City Council adopt the following resolution:

WHEREAS, the City has been provided with a list of City equipment identified as being obsolete or will become obsolete during 2015, and,

WHEREAS, the Police Department has recommended that said equipment be declared surplus, now, therefore, be it

RESOLVED, that said equipment are declared surplus, and, be it further

RESOLVED, that authorization is given to the City Comptroller to sell or dispose of said equipment in a manner that will serve in the best interests of the City.

**IMPACT:** ☐ Environmental ☒ Fiscal ☐ Neighborhood ☐ Other

**BACKGROUND:** The Police Department has provided a list of equipment that is either currently obsolete or will become obsolete during calendar year 2015. The City Council is asked to approve that this equipment be declared as surplus.

See attached.



William A. Pease Jr.  
*Police Commissioner*

## **POLICE DEPARTMENT**

City Of Rye, New York

21 McCullough Place

Rye, N. Y. 10580

Phone: (914) 967-1234

FAX: (914) 967-8341



Scott J. Craig  
*Patrol Lieutenant*

### **1033 Program** **Surplus inventory for Auction**

1. 2011 - 5 Ton model M925A1 Military transport truck –vin.#2320012064088
2. 1983 – Dresser Forklift -Model – M10A vin.# 3930010543833
3. Cummings Diesel Engine s/n #NSN 2825015555483 mod. ISL – 400E
4. Self –Powered Heater s/n.# NSN4520-10-559-837
5. Portable Latrine s/n.# NSN 4510012011614
6. (2) Salamander Heaters
7. (18) MSA Respirators – SX12932354F409
8. 1 set of fork lift forks
9. Sony Beta Cam s/n.# 5836DSVIDEORE #W13G8623030024
10. Sony DXC-3009A VIDEO CAMERA s/n.#5836DSVIDEORE  
#W13G8623030025



# CITY COUNCIL AGENDA

NO. 13

DEPT.: City Manager's Office

DATE: October 7, 2015

CONTACT: Marcus Serrano, City Manager

**AGENDA ITEM:** Consideration of request by the Recreation Department to hold their 39<sup>th</sup> annual Turkey Run on Thanksgiving Weekend.

**FOR THE MEETING OF:**

October 7, 2015

**RYE CITY CODE,**

CHAPTER

SECTION

**RECOMMENDATION:** That the City Council approve the request.

**IMPACT:** ☐ Environmental ☐ Fiscal ☐ Neighborhood ☐ Other:

**BACKGROUND:** The City Manager's Office received a request from the Recreation Department to hold their 39<sup>th</sup> annual Turkey Run event on Saturday, November 28, 2015. The race is scheduled to run from 9:00 am to 11:30 am and will start and end at Rye Recreation on Midland Avenue.

See attached.



## CITY OF RYE

Commission Chair  
BART DINARDO

Department of Recreation  
281 Midland Avenue  
Rye, NY 10580  
(914) 967-2535  
Fax (914) 967-5521

Superintendent  
SALLY ROGOL

September 18, 2015

Mr. Marcus Serrano  
City of Rye  
1051 Boston Post Rd.  
Rye, NY 10580

Dear Marcus Serrano,

Rye Recreation is planning on running our annual Turkey Run Road Race. This year the event will be on Saturday, November 28<sup>th</sup>, 2015. The race is scheduled to run from 9-11:30 AM, and will both start and end at Rye Recreation Park on Midland Avenue.

I plan on working with Rye Police in regards to any assistance we may need in regards to traffic and safety during the event.

Rye Recreation looks forward to once again running a successful and safe event. We get tremendous support from the community and the businesses here in Rye. If you have any questions regarding the race, please do not hesitate to contact me at 914-967-2125. I thank you for your support.

Sincerely,

*Doug Scott*

**Doug Scott**  
**Rye Recreation**  
**(914)967-2125**



# CITY COUNCIL AGENDA

NO. 14

DEPT.: City Manager

DATE: October 7, 2015

CONTACT: Marcus Serrano, City Manager

**AGENDA ITEM:** Consideration of a request by the Rye Merchants Association to close a portion of Purchase Street on Sunday, November 29, 2015 from 10:00 a.m. to 3:00 p.m. for the *Mistletoe Magic* event.

**FOR THE MEETING OF:**

October 7, 2015

**RYE CITY CODE,  
CHAPTER  
SECTION**

**RECOMMENDATION:** That the Council consider granting the request.

**IMPACT:** ☐ Environmental ☐ Fiscal ☐ Neighborhood ☐ Other:

**BACKGROUND:**

The Merchants Association is requesting the Council authorize the closing of Purchase Street for its annual Mistletoe Magic event to be held this year on Sunday, November 29, 2015 from 10:00 a.m. to 3:00 p.m.

See attached request.



September 21, 2015

Mr. Marcus Serrano  
City Manager  
City of Rye  
1051 Boston Post Road  
Rye, New York 10580

Re: Rye Chamber of Commerce "Mistletoe Magic"

Dear Mr. Serrano:

On behalf of the Rye Chamber of Commerce, I am writing to request permission from the City for use of city streets on **Sunday, November 29, 2015** for the Mistletoe Magic event. Specifically, we are requesting that Purchase Street be closed from the Square House north to Purdy Avenue from the hours of 10 a.m. to 3 p.m.

Our members will be providing entertainment with costumed characters, Rye Art Center children's musical ensembles, strolling carolers, a horse and buggy ride and assorted refreshments and arcade games and more.

If approved, I understand we must coordinate logistics with Lt. Falk of the Rye City Police Department. An insurance certificate will be provided upon approval.

Thank you in advance for your consideration.

Very truly yours,

Margaret Ann Ricketts

cc: Ms. Susan McNamee