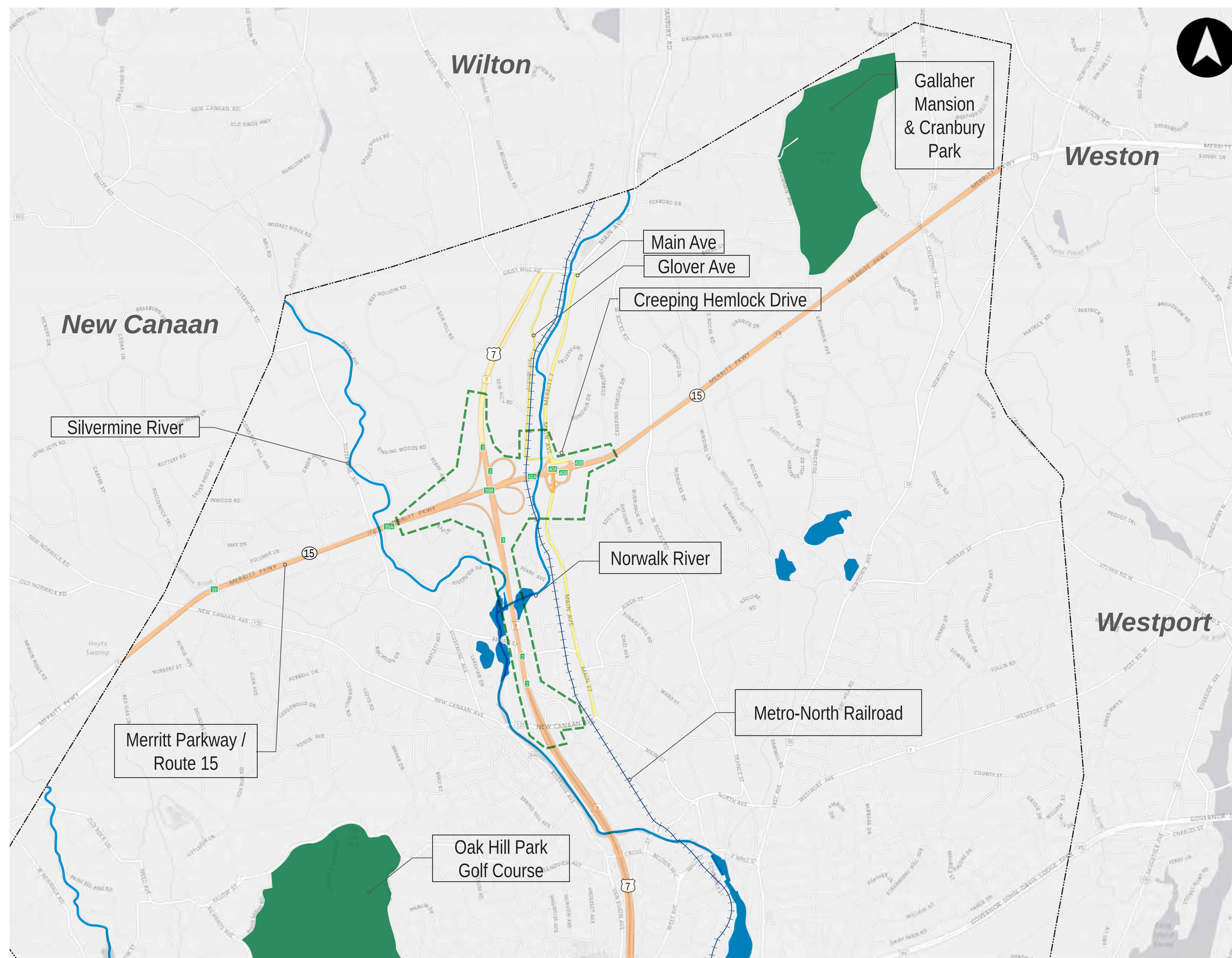




Route 7/15 Norwalk

Project Area



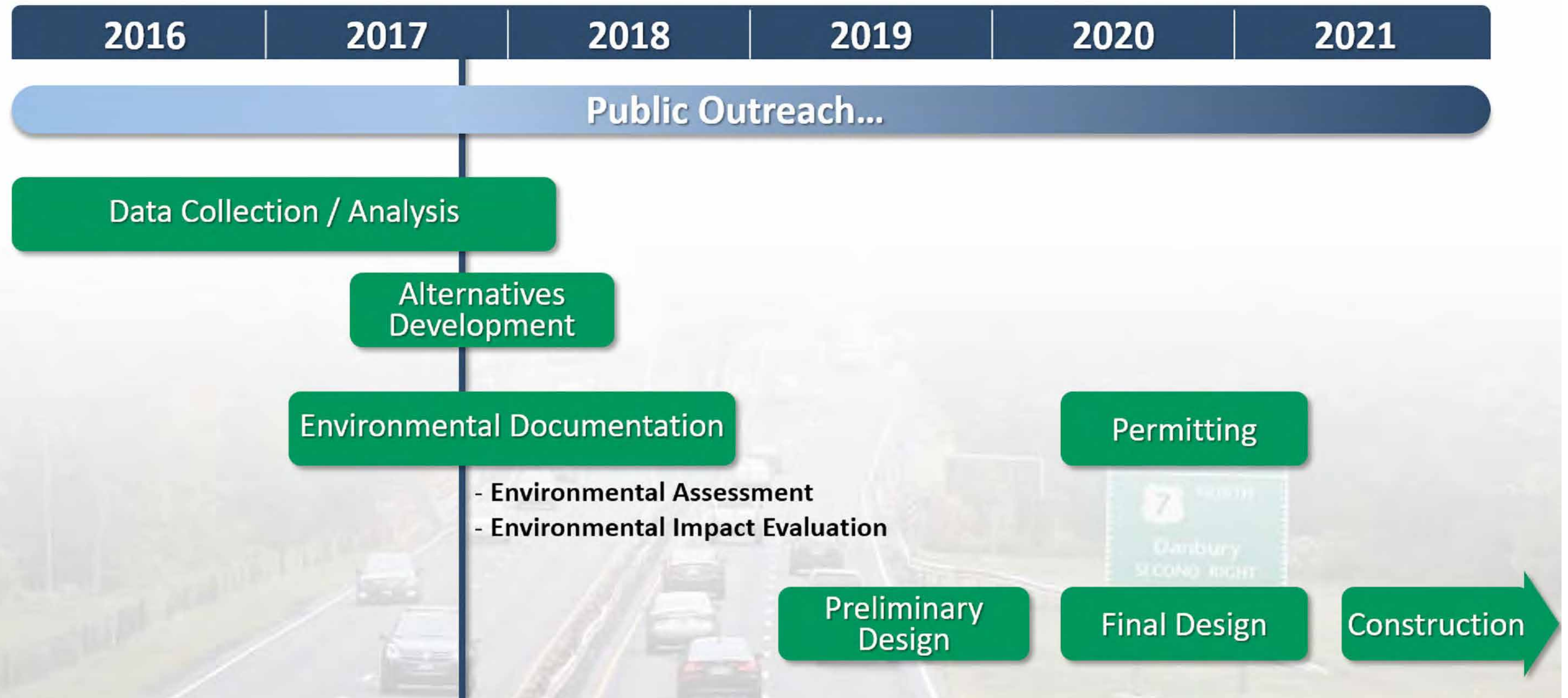
Legend:

- +++++ Metro North Railroad
- Project Area
- Water Resources
- Local Streets (Main Avenue, Glover Avenue, Route 7 and Creeping Hemlock Drive)
- Route 7
- Route 15
- Exits
- City/Town Boundaries
- Gallaher Mansion Cranbury Park & Oak Hill Park Golf Course



Route 7/15 Norwalk

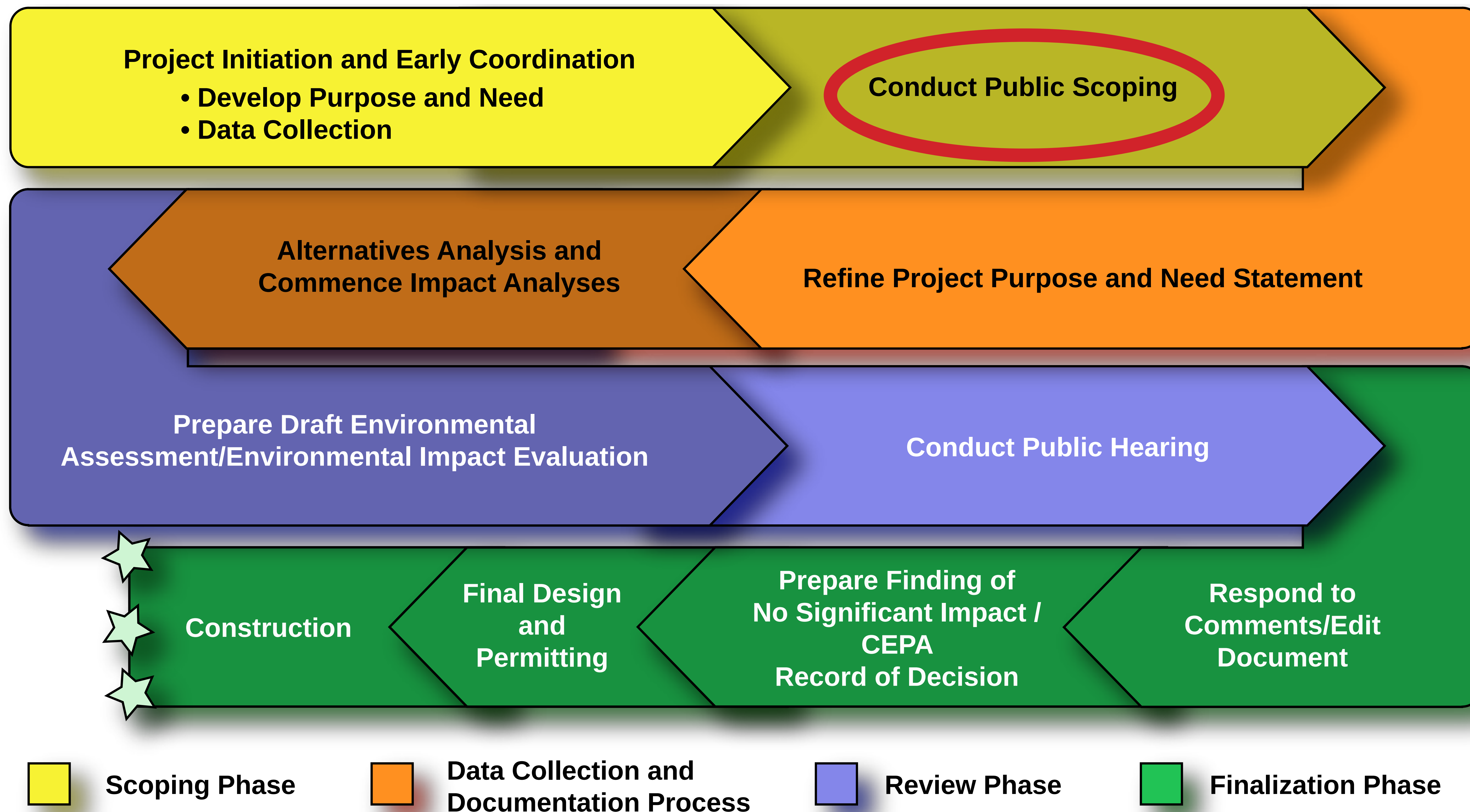
PROJECT SCHEDULE





Route 7/15 Norwalk

NEPA/CEPA PROCESS





Route 7/15 Norwalk

PURPOSE & NEED

ROUTE 7/15 INTERCHANGE PROJECT
NORWALK, CONNECTICUT

DRAFT PURPOSE AND NEED STATEMENT



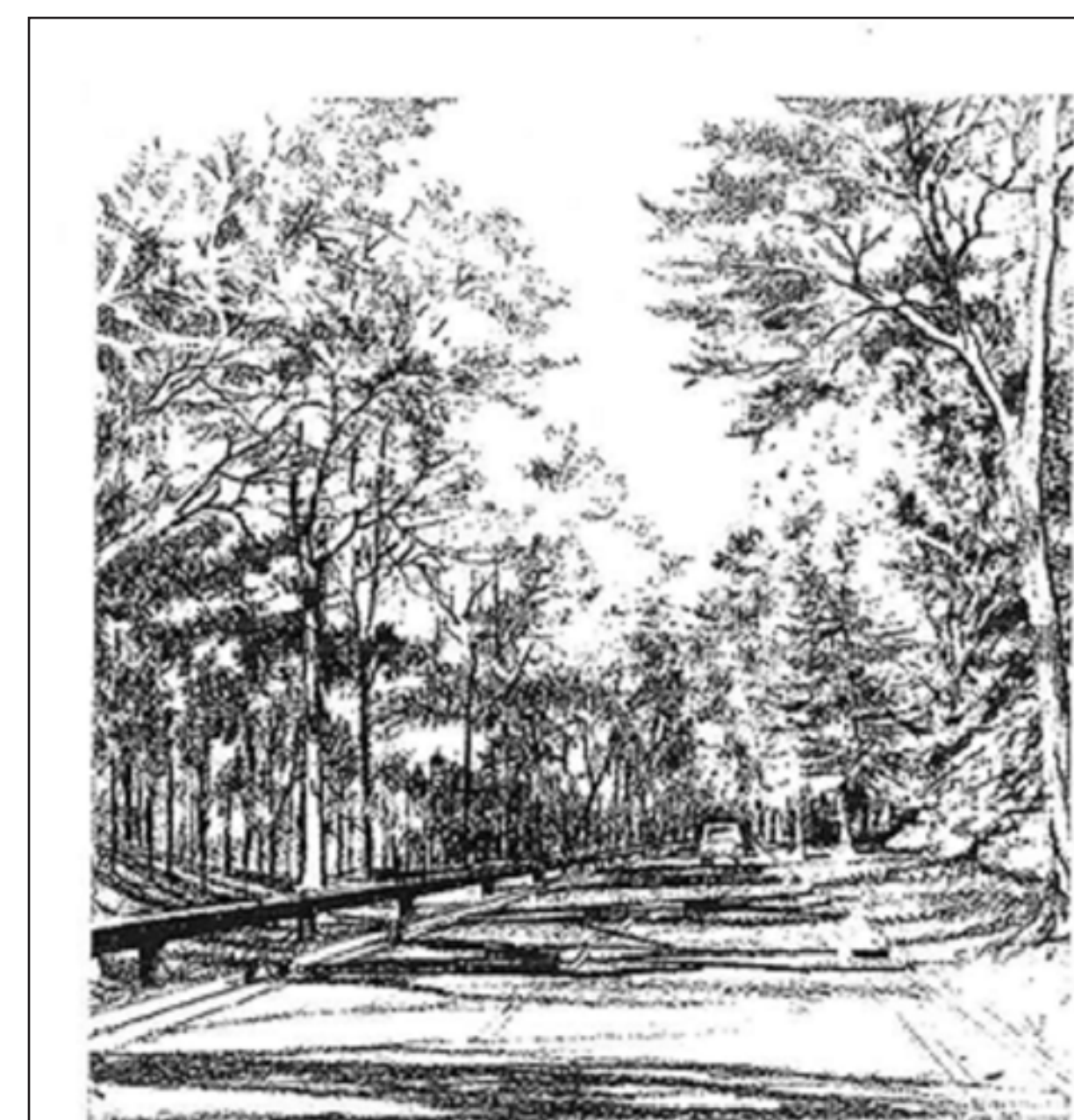
March 2017

Rev. September 25, 2017

WHY IS THE PROJECT NEEDED?

- Improve system linkage between Route 7 and Merritt Parkway
- Improve mobility for all users (motorists, pedestrians, cyclists) at Merritt Parkway's Main Avenue and Route 7 Interchanges
- Improve safety in the vicinity of these interchanges

WHAT ARE GOALS AND OBJECTIVES?



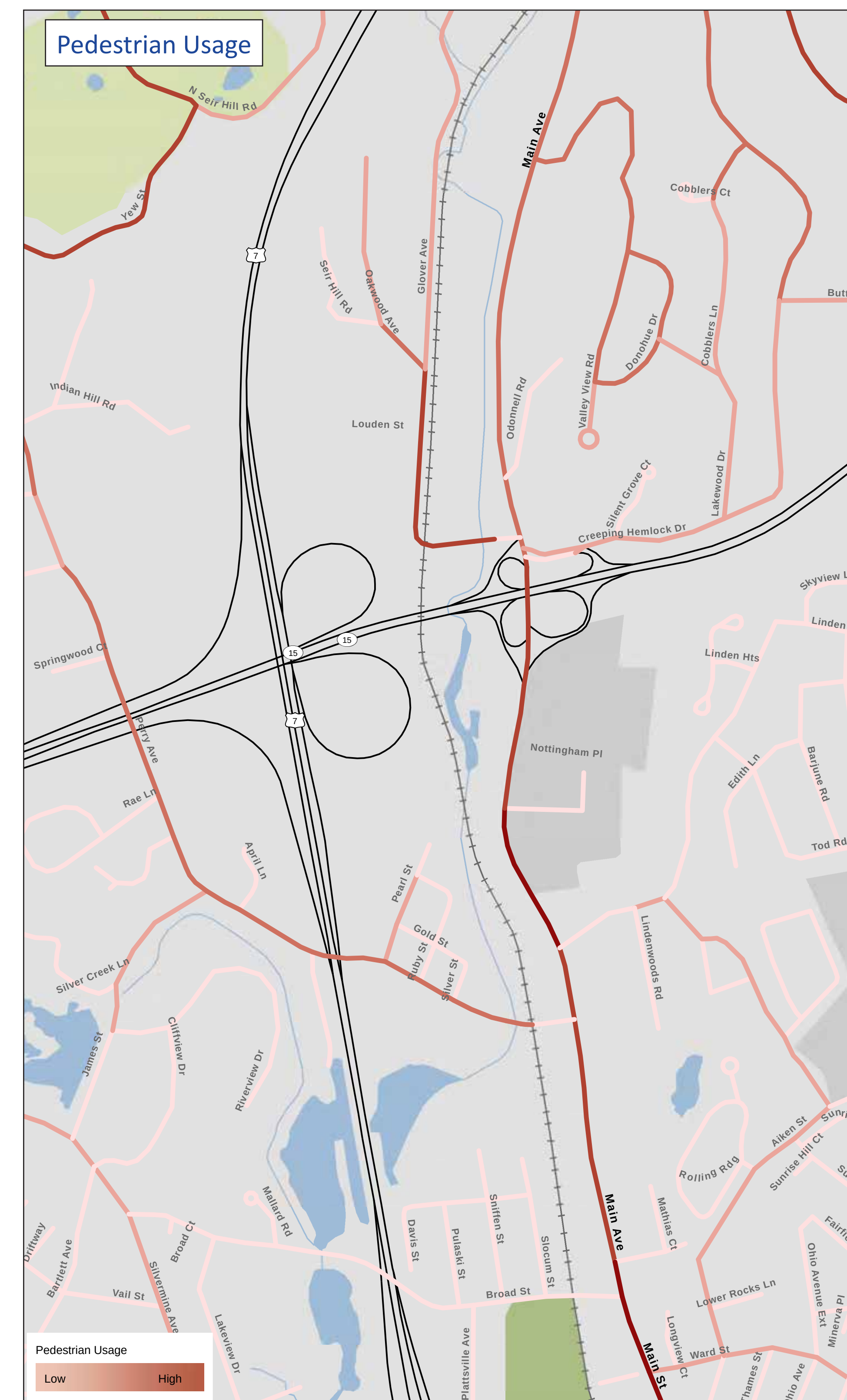
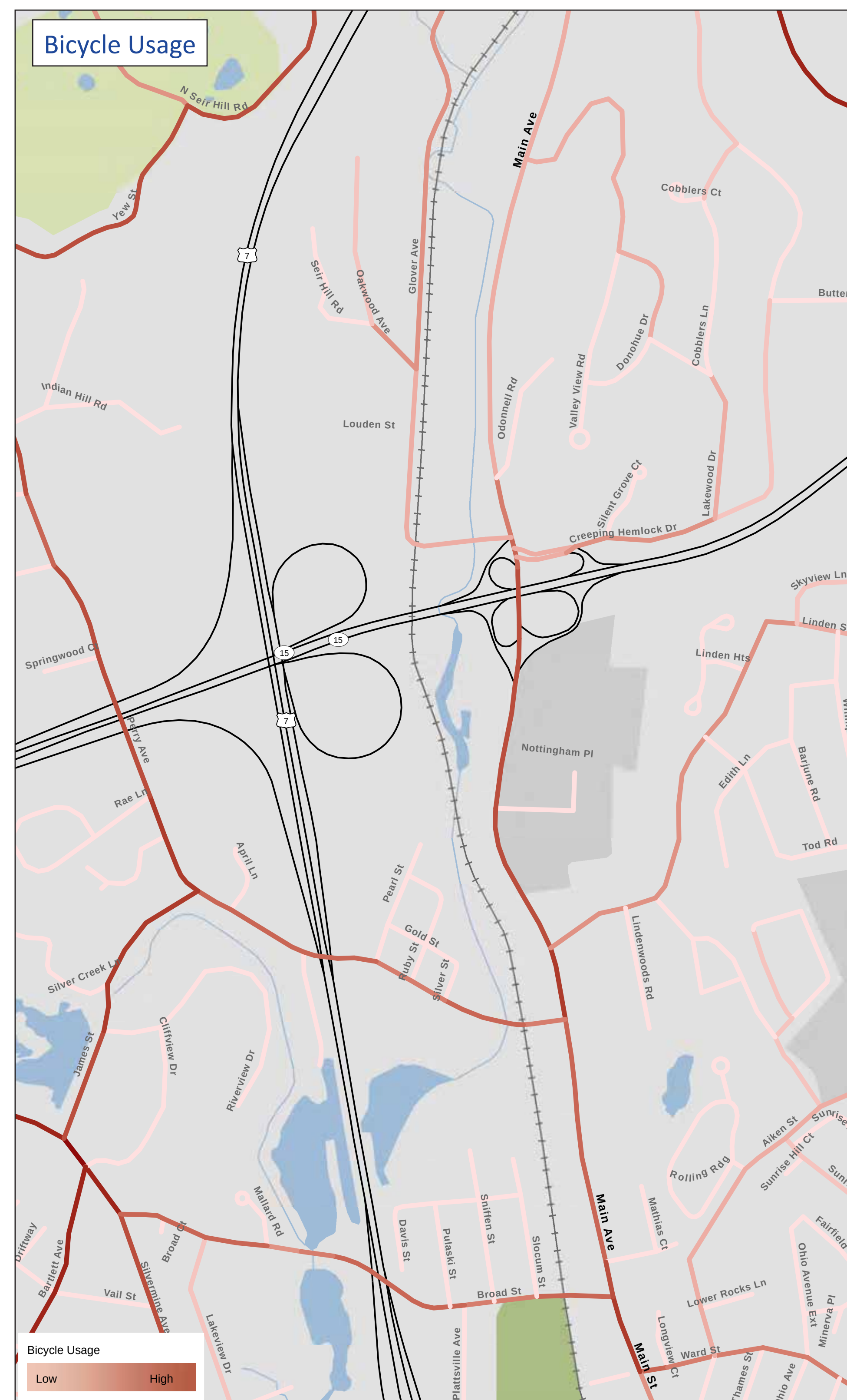
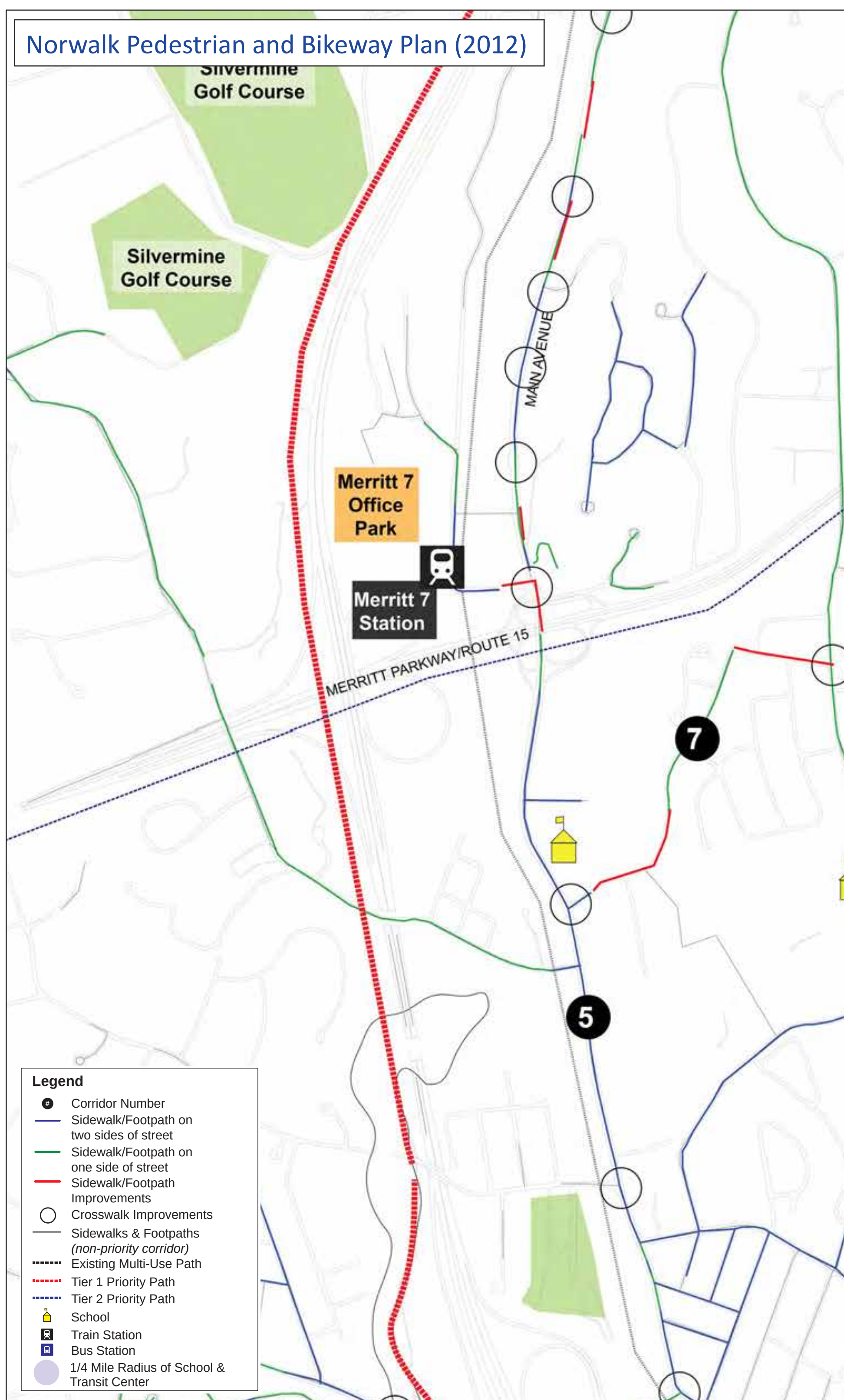
A LANDSCAPE MASTER PLAN
FOR THE MERRITT PARKWAY

- Ensure long-term serviceability of corridor
- Maximize public investment in corridor
- Ensure better interchange integration with environment & neighborhood context
- Provide pedestrian and bicycle access



Route 7/15 Norwalk

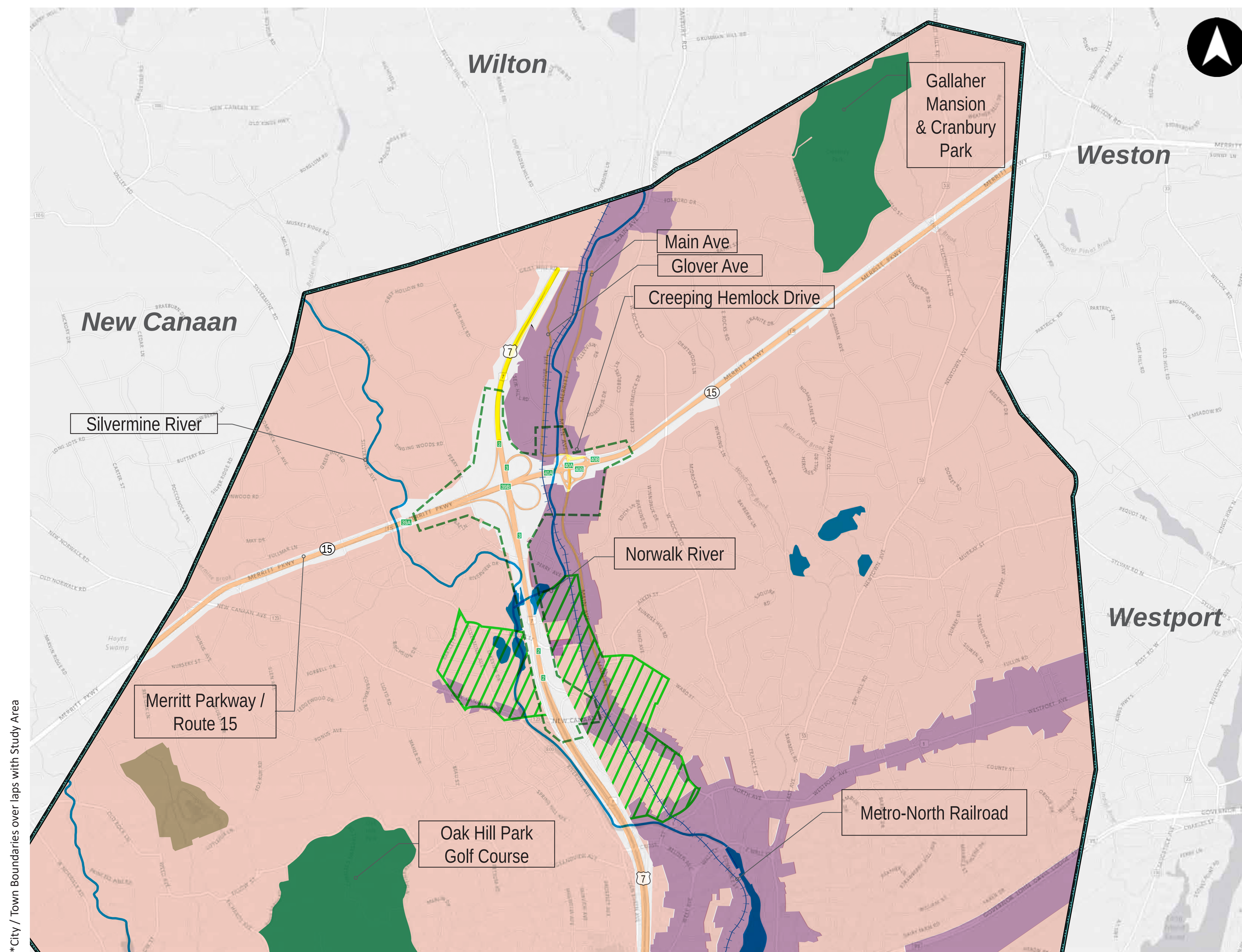
BICYCLE & PEDESTRIAN CONDITIONS





Route 7/15 Norwalk

Land Use / Socio-Economic Conditions

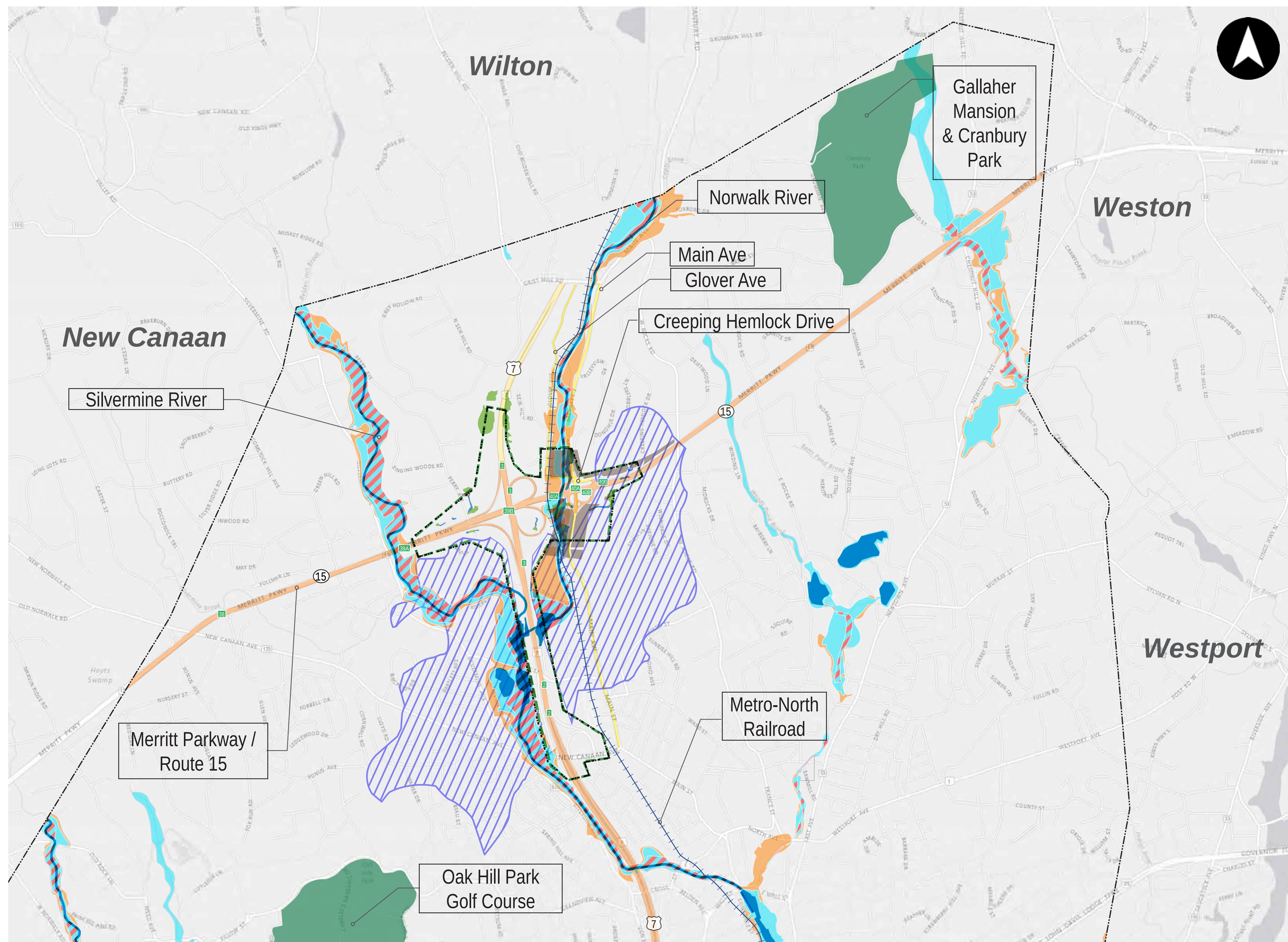


*City / Town Boundaries overlap with Study Area



Route 7/15 Norwalk

Natural Resources



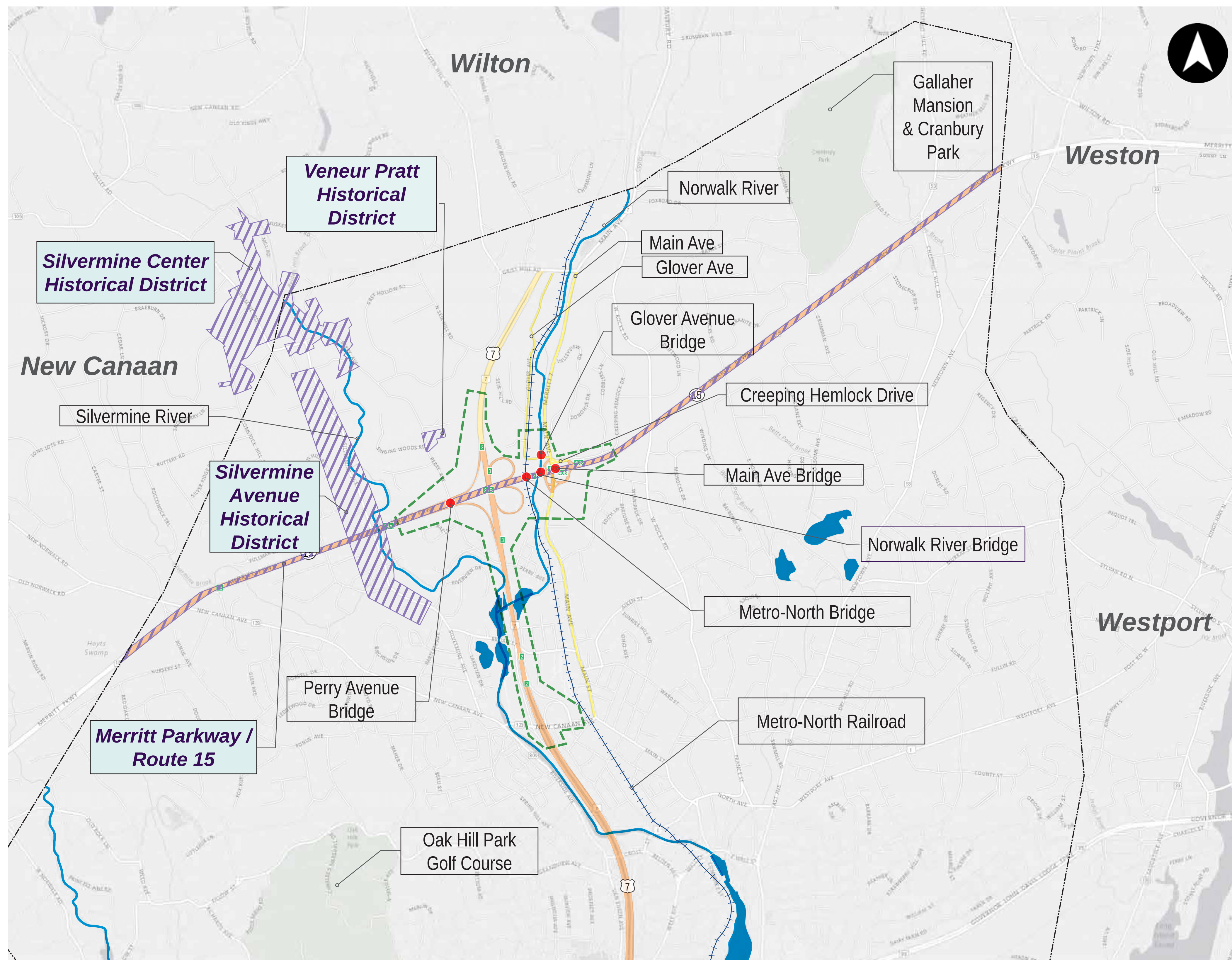
Legend:

- | | | |
|--|--------------------------|-----------------------------------|
| Metro North Railroad | Project Area | Aquifer Protection Area |
| Water Resources | Regulated Floodway | Delineated Wetlands |
| Local Streets (Main Avenue, Glover Avenue, Route 7 and Creeping Hemlock Drive) | Flood Zones | Riverine Wetlands (Norwalk River) |
| Route 7 | Other Flood Hazard Zones | HazMat Parcels |
| Route 15 | | |
| Exits | | |
| City Boundaries | | |
| Gallaher Mansion Cranbury Park & Oak Hill Park Golf Course | | |



Route 7/15 Norwalk

Cultural Resources



Legend:

- Metro North Railroad
- Water Resources
- Local Streets (Main Avenue, Glover Avenue, Route 7 and Creeping Hemlock Drive)
- Route 7
- Route 15
- Exits
- City Boundaries
- Project Area
- Historical Districts
- Historical Bridges

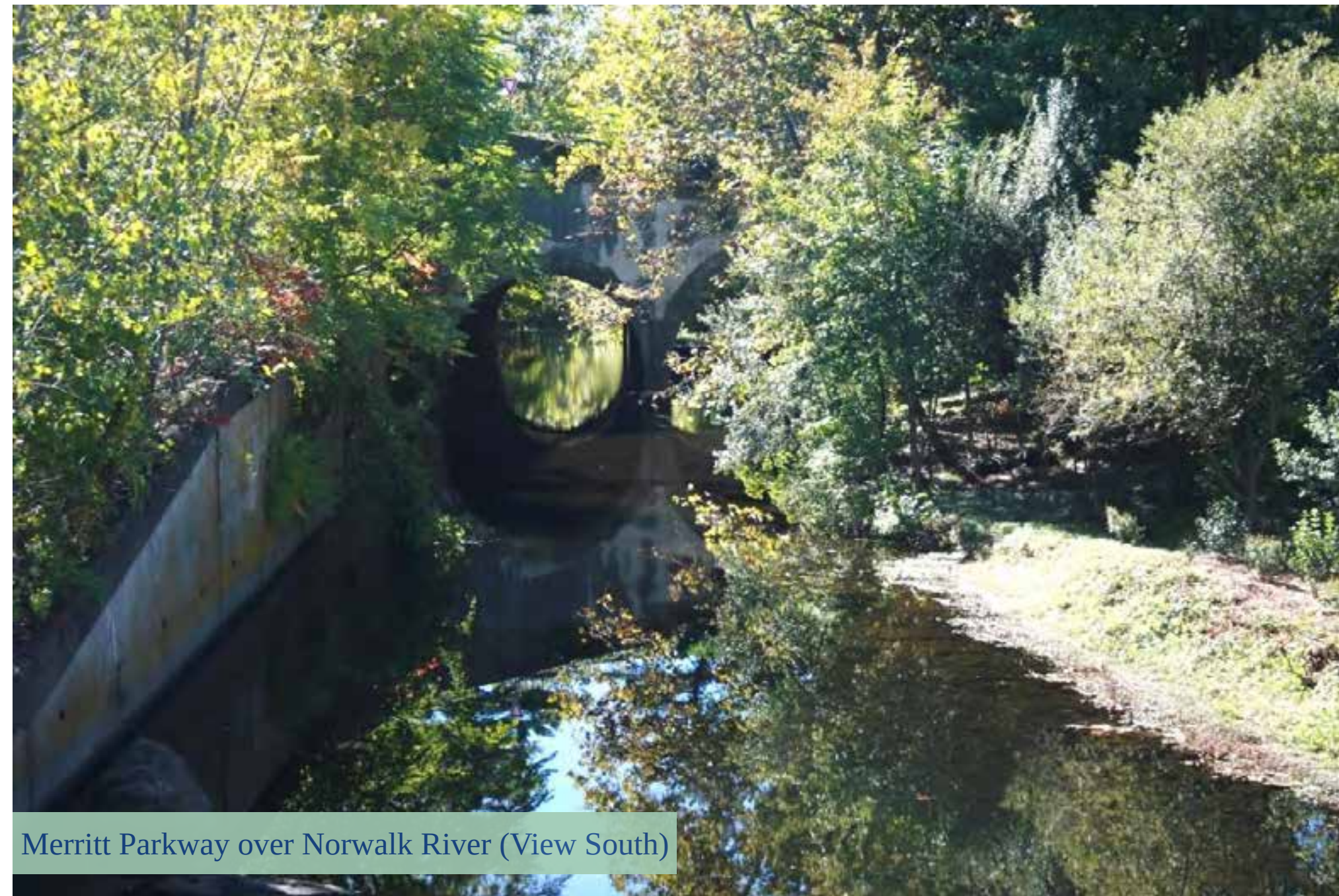


Route 7/15 Norwalk

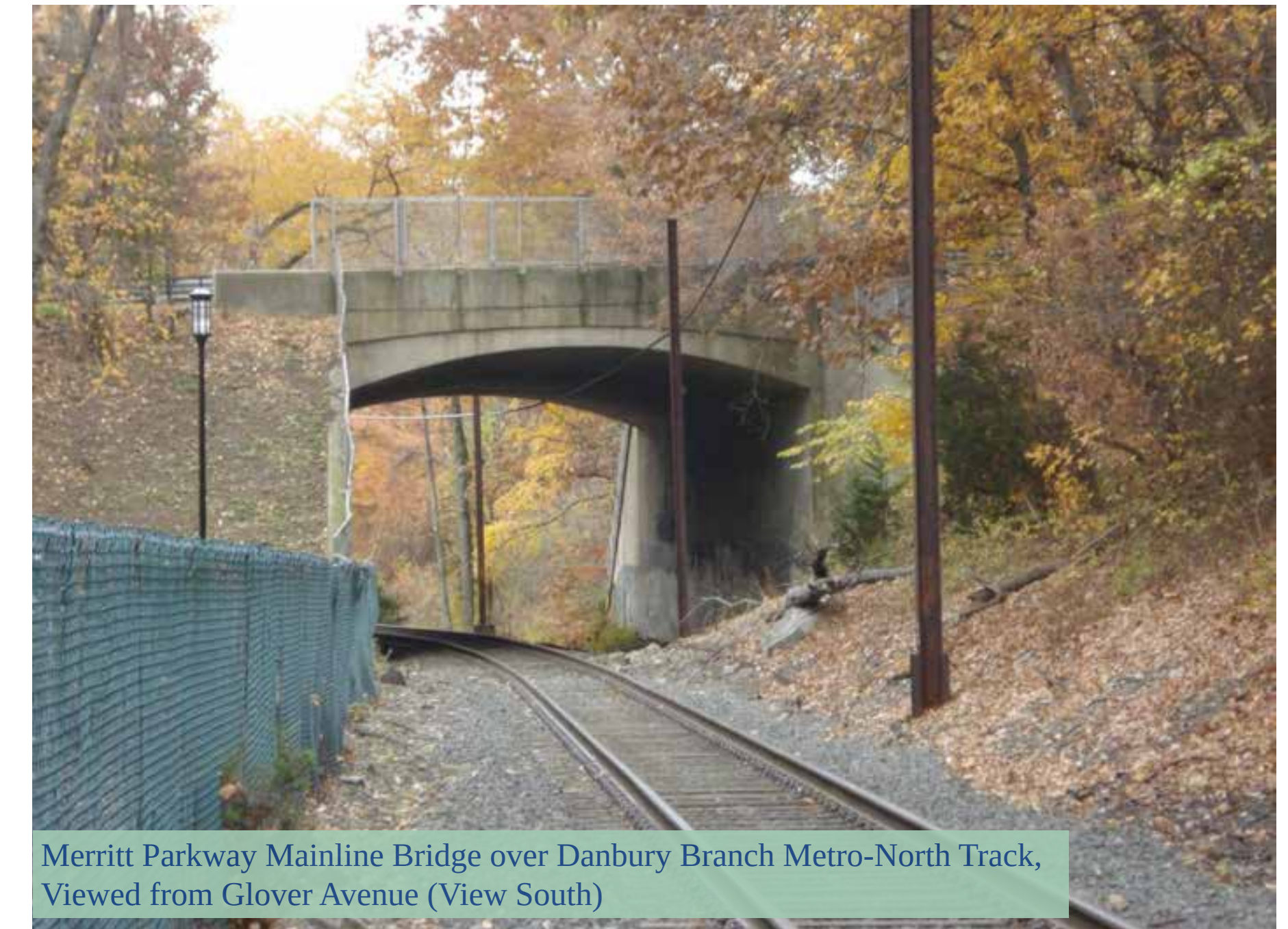
Historic Bridges



Merritt Parkway over Main Avenue (View North)



Merritt Parkway over Norwalk River (View South)



Merritt Parkway Mainline Bridge over Danbury Branch Metro-North Track,
Viewed from Glover Avenue (View South)



Merritt Parkway Original Mainline Bridge between Ramp Structures over Perry Avenue (View North)

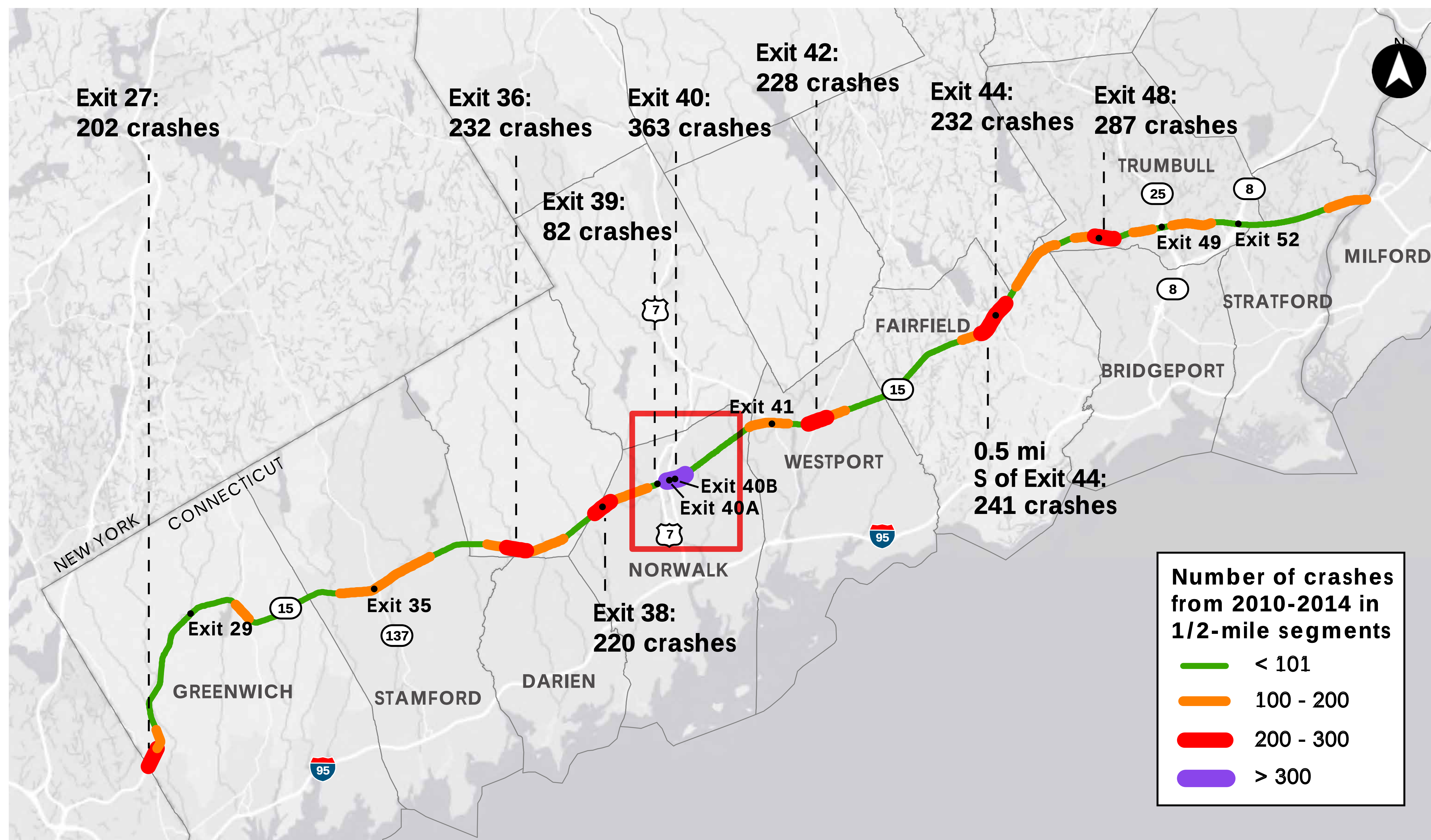


Glover Avenue Bridge over the Norwalk River (View East)



Route 7/15 Norwalk

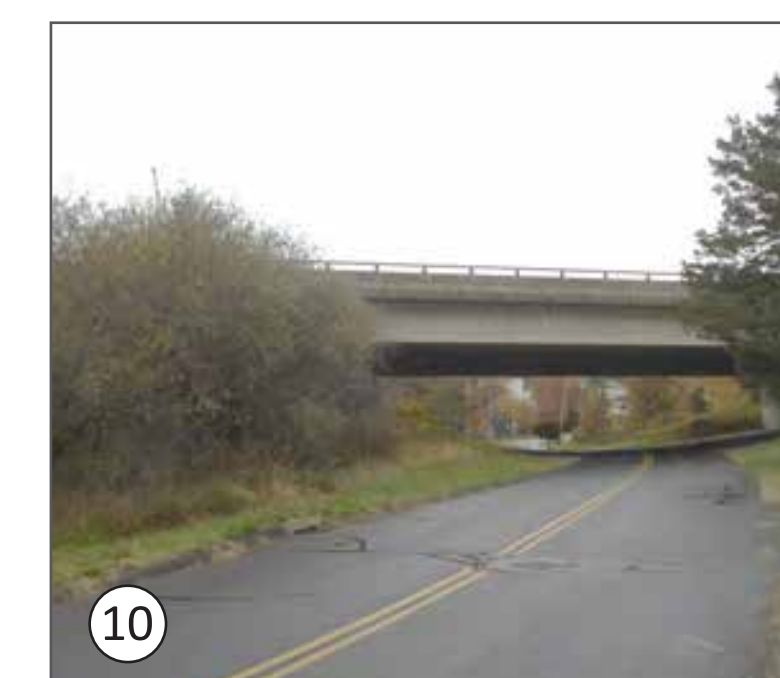
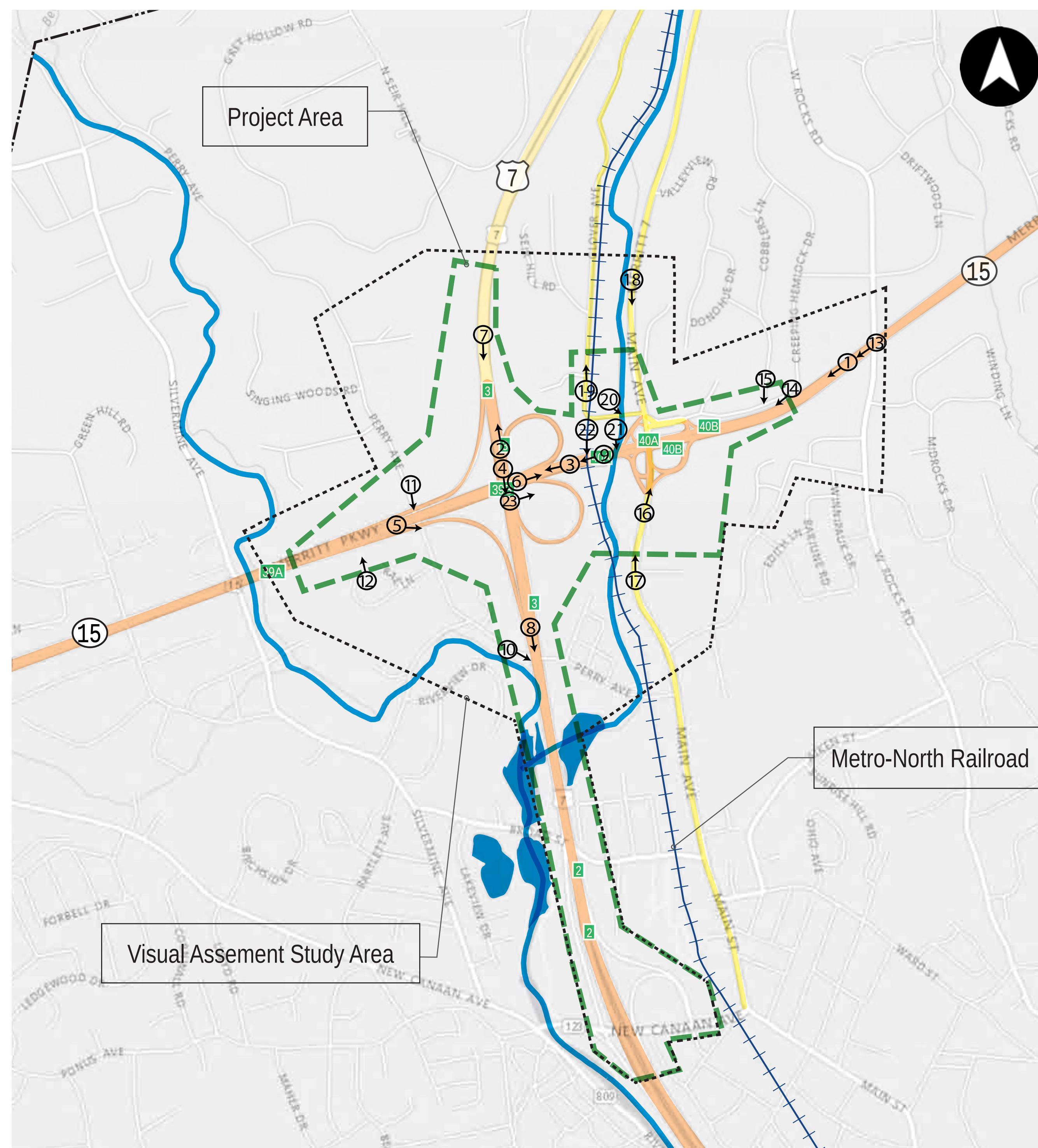
2010-2014 Crashes in Merritt Parkway Corridor





Route 7/15 Norwalk

Visual Resources



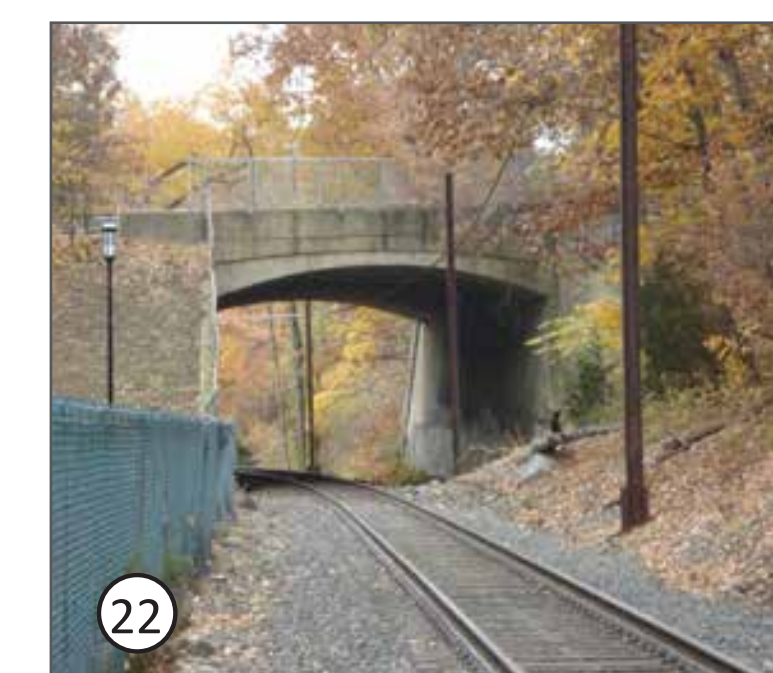
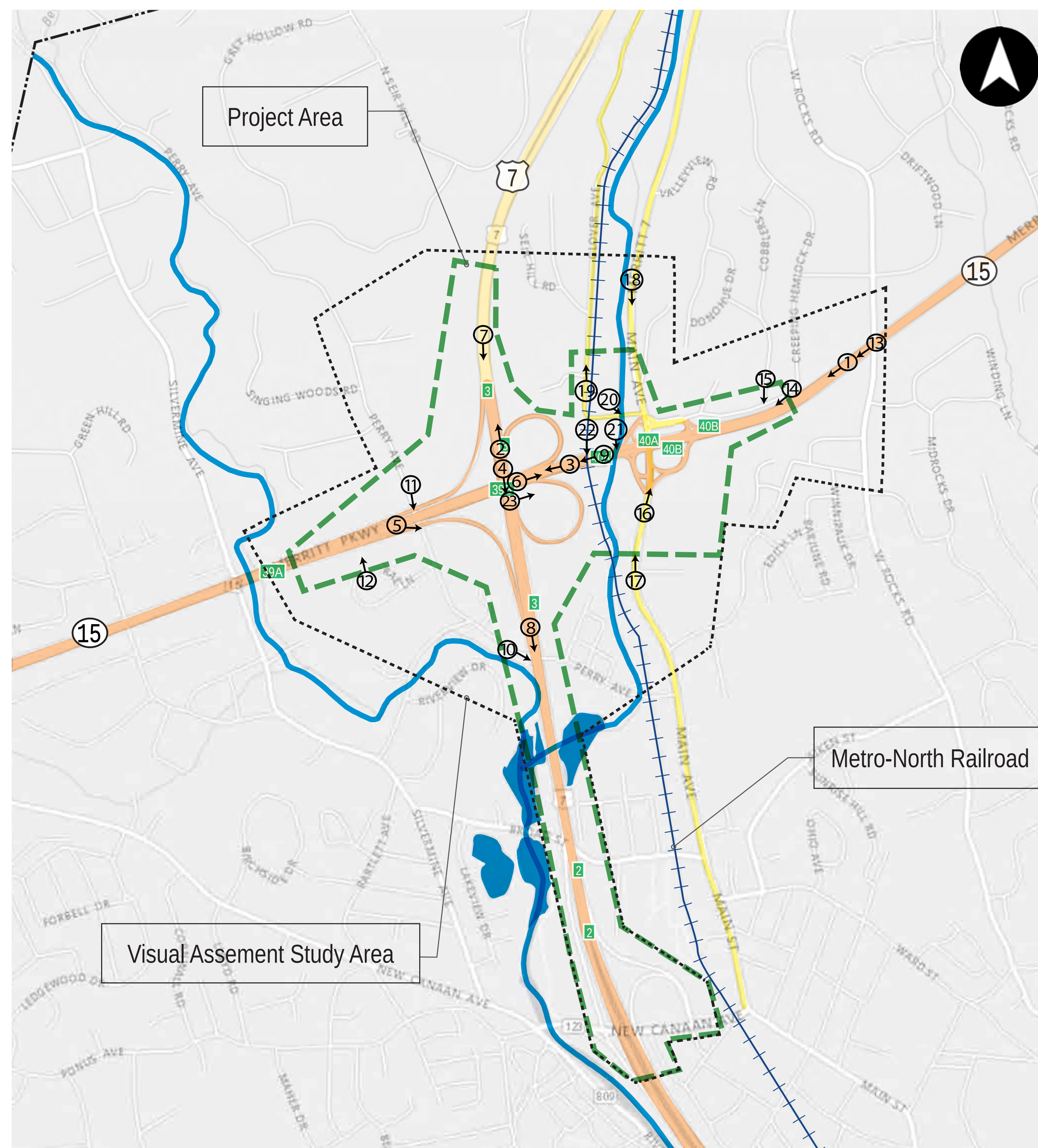
Legend:

- +++++ Metro North Railroad
- Project Area
- Visual Assessment Study Area



Route 7/15 Norwalk

Visual Resources



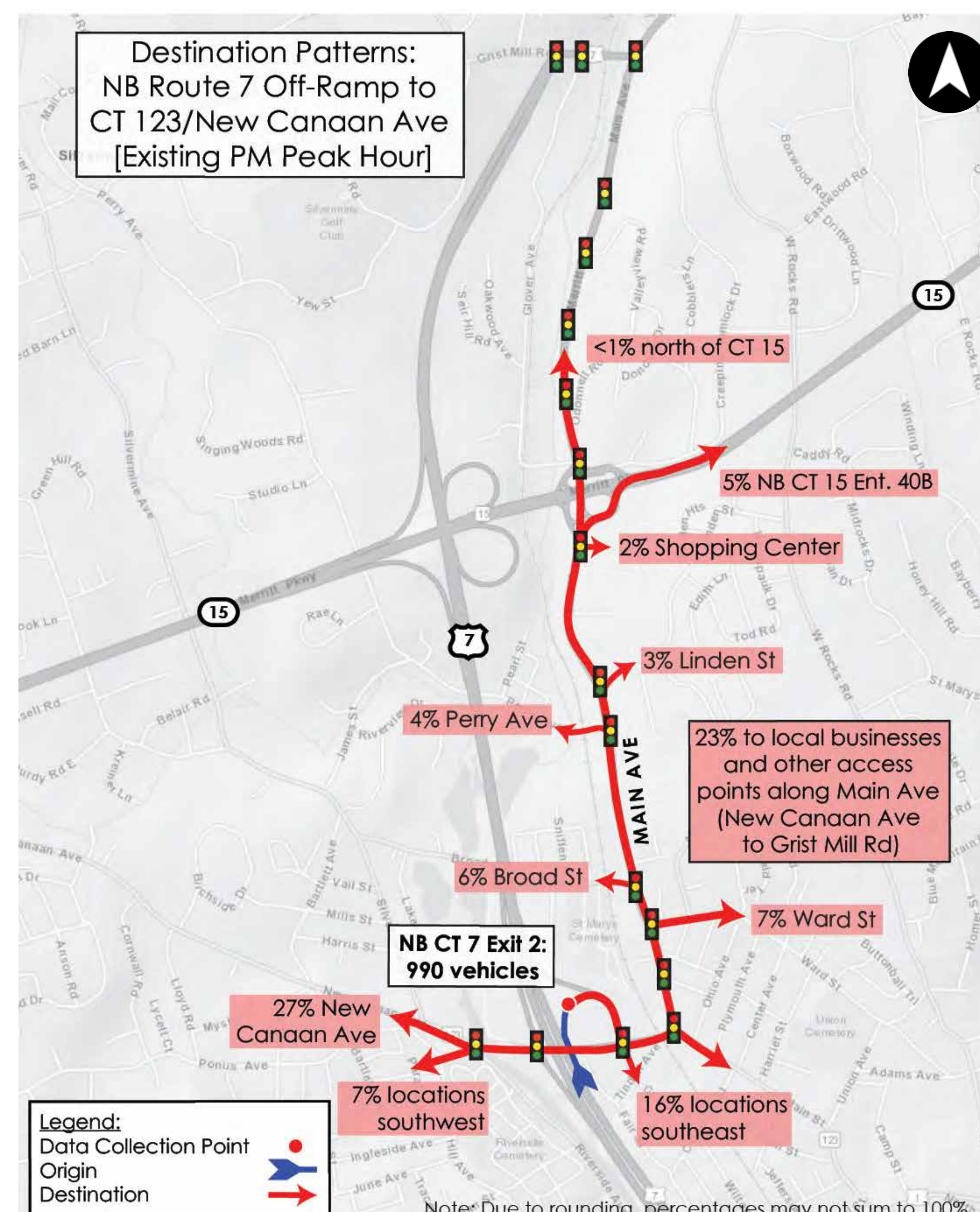
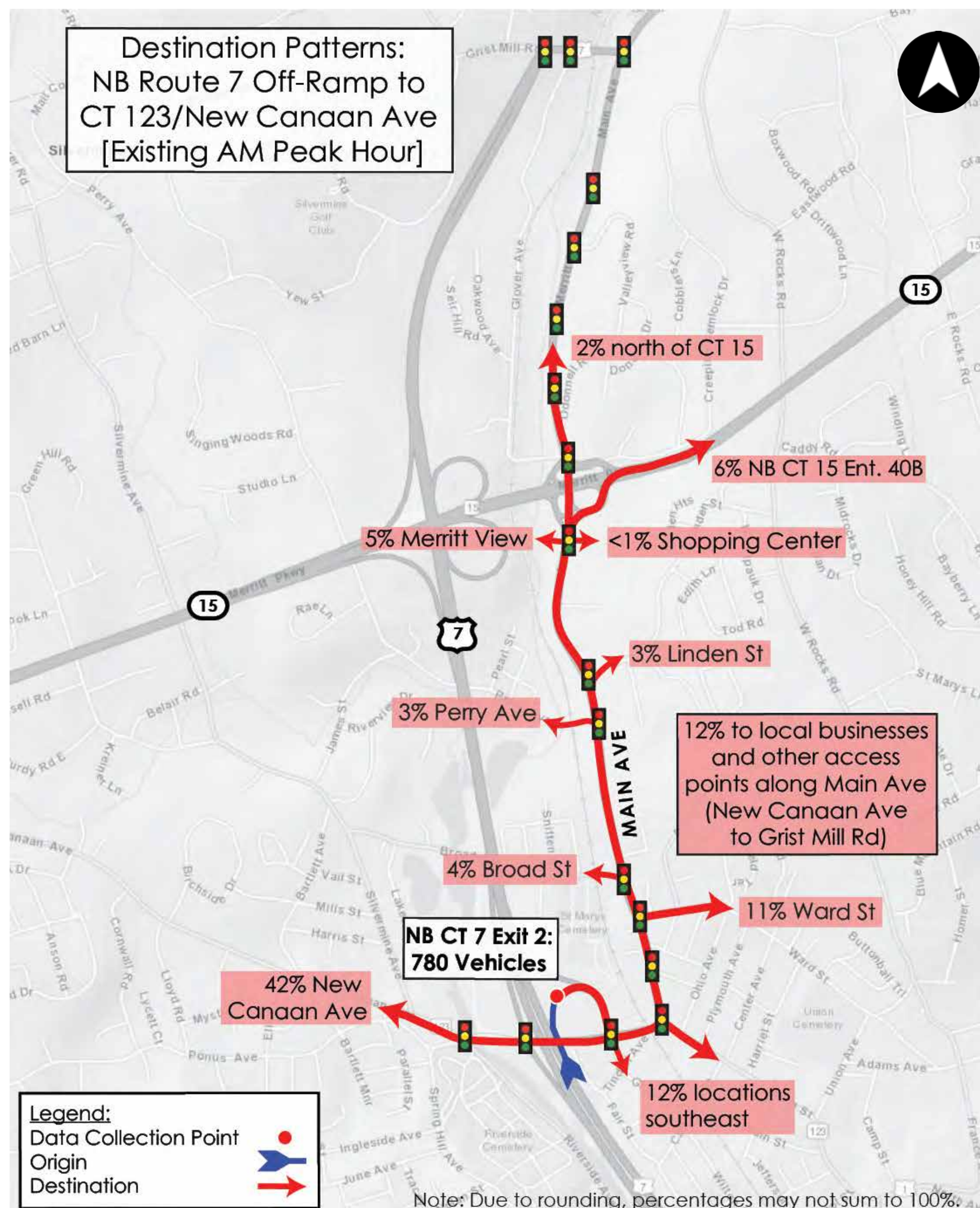
Legend:

- +++++ Metro North Railroad
- Project Area
- Visual Assessment Study Area



Route 7/15 Norwalk

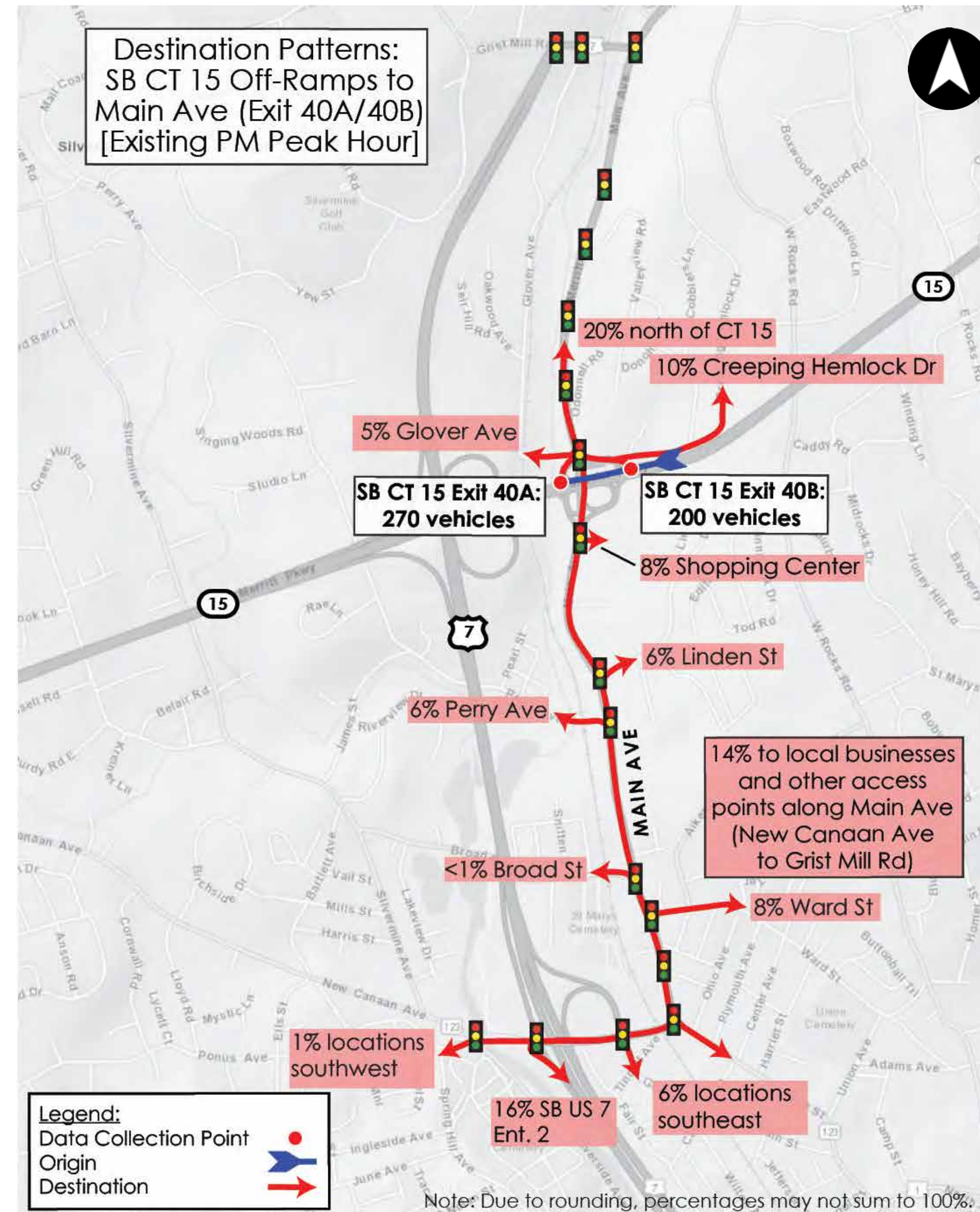
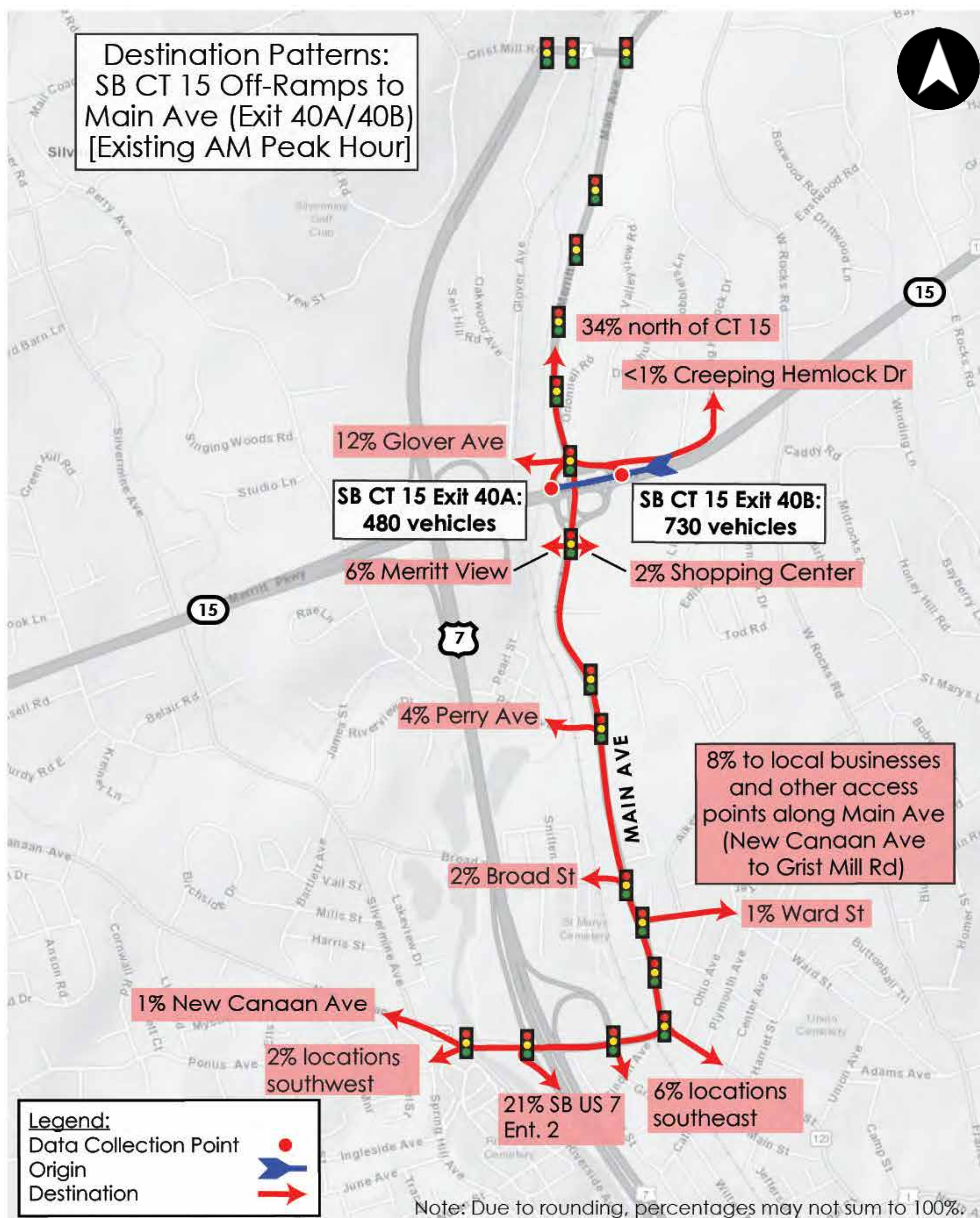
Origin / Destination Traffic Patterns





Route 7/15 Norwalk

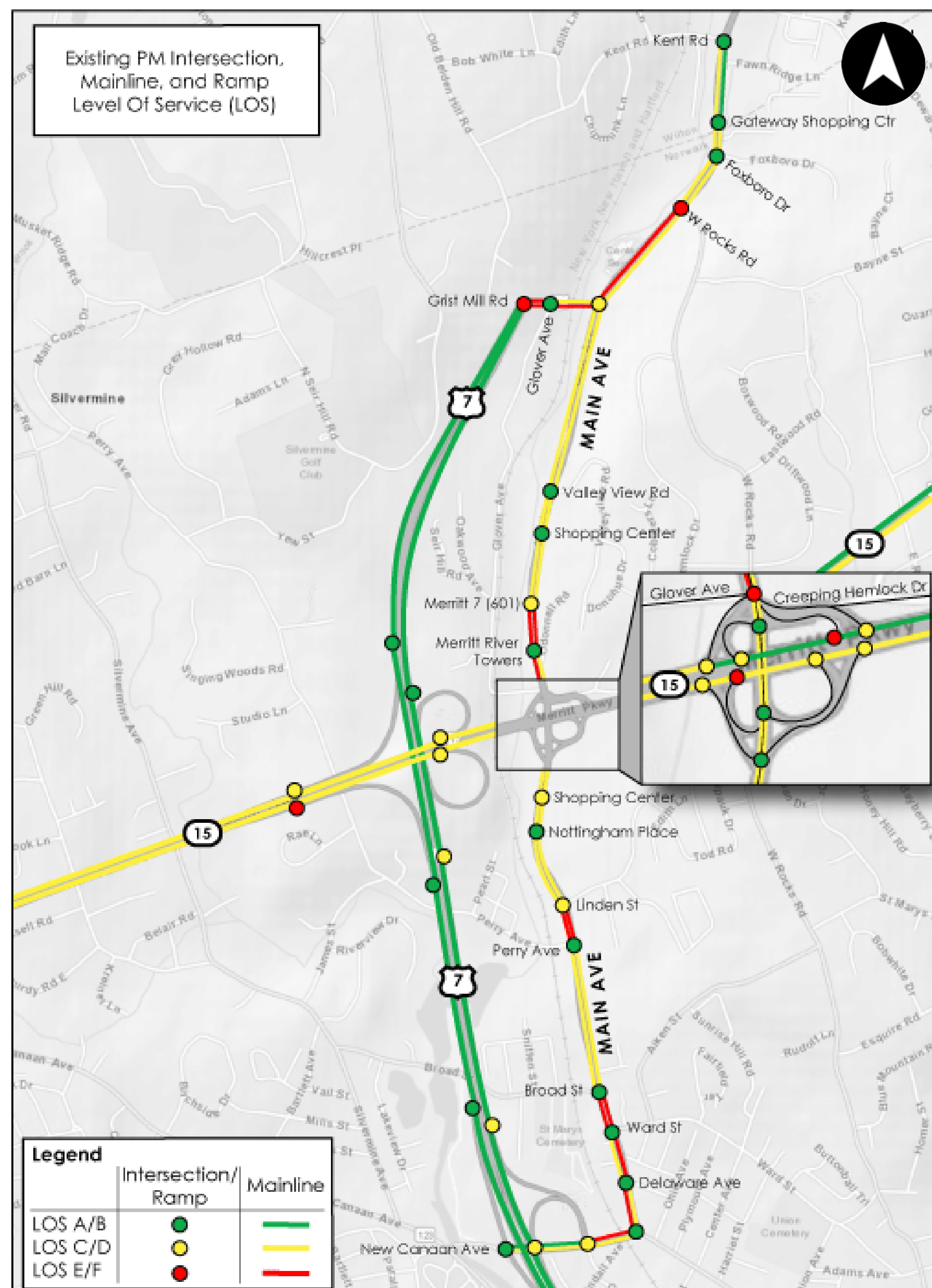
Origin / Destination Traffic Patterns





Route 7/15 Norwalk

Peak Hour Traffic Levels of Service



LOS A / LOS B

Best qualities of service

Traffic is at free flow with little to no restrictions on travel speed or overall mobility.

There are **no** delays.



LOS C / LOS D

Best qualities of service

There are some restrictions in travel speed and mobility is a bit restricted.

Delays are **minimal/acceptable**



LOS E / LOS F

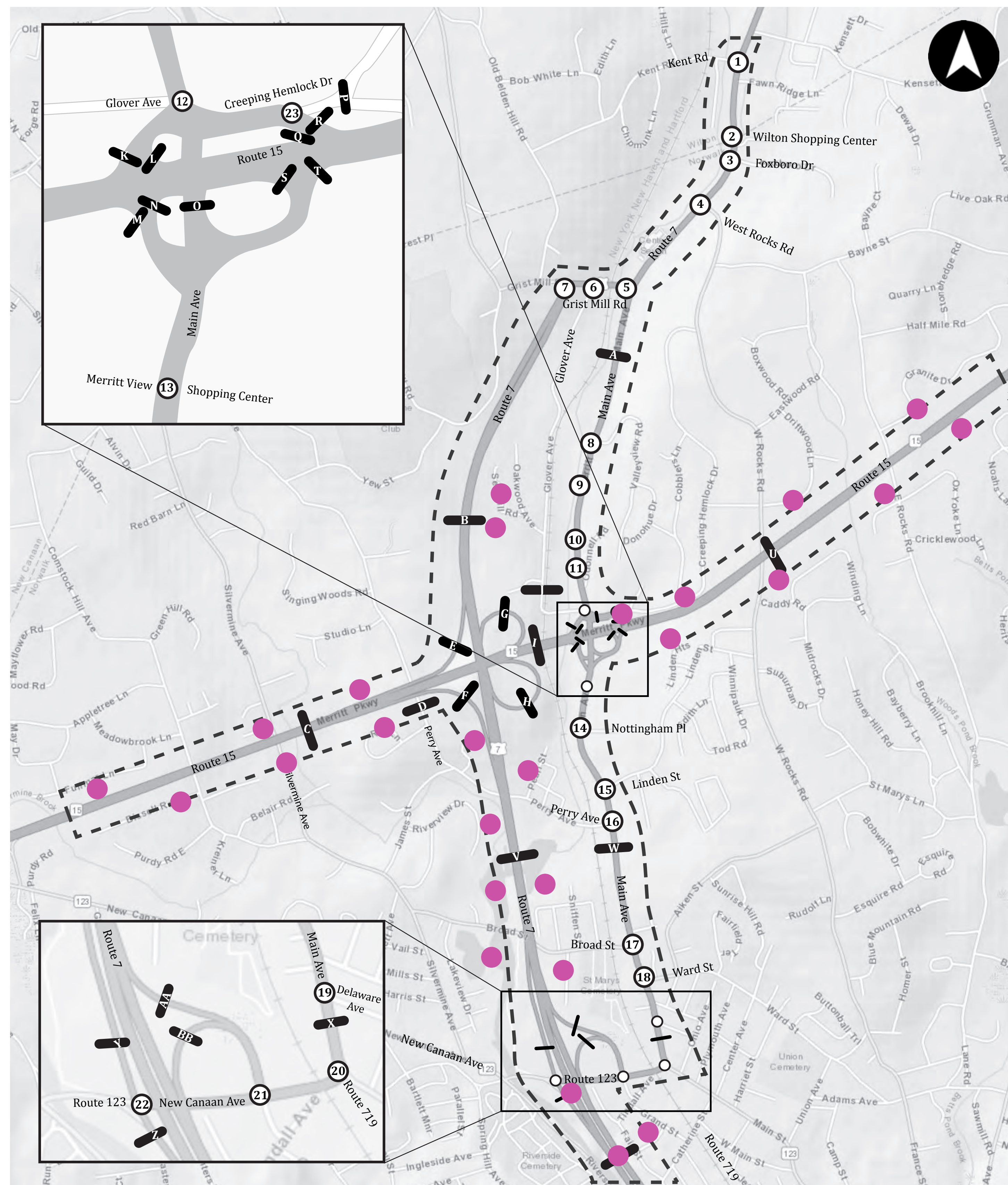
Travel speeds decline significantly and mobility is severely restricted. Demand is greater than capacity.

Delays are **significant**



Route 7/15 Norwalk

Data Collection Locations



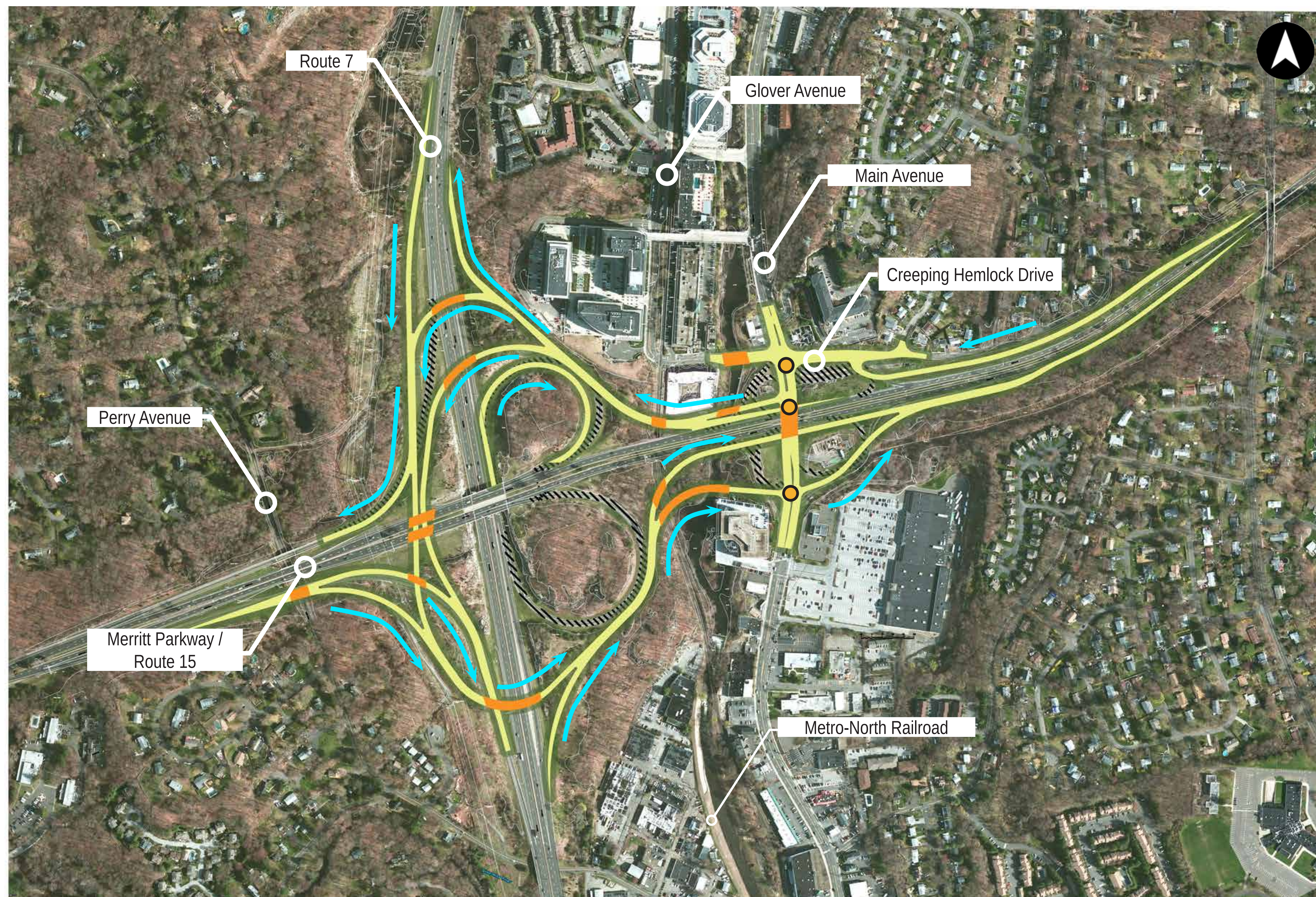
Legend:

- Automatic Traffic Recording Count Location
- Turning Movement Traffic Count Location
- Noise Monitoring Location



Route 7/15 Norwalk

Alternative 21C



- Legend:
- New Traffic Signal
 - Roadway Removal
 - New Bridge
 - New / Reconstructed Roadway



Route 7/15 Norwalk

Alternative 26



- Legend:
- New Traffic Signal
 - Roadway Removal
 - New Bridge
 - New / Reconstructed Roadway