WELCOME

Thank you for coming to the New York State Department of Transportation Nassau Expressway (NY 878) Operational and Resiliency Improvements Public Information Meeting. Please Sign-In and Take a Brochure.

NASSAU EXPRESSWAY (NY 878)
OPERATIONAL AND RESILIENCY IMPROVEMENTS
ROCKAWAY TURNPIKE TO BURNSIDE AVENUE
TOWN OF HEMPSTEAD, NASSAU COUNTY

PUBLIC INFORMATION MEETING
June 22nd, 2017
¡BIENVENIDOS!
Un traductor de español está disponible. ¡Solicítelo!

El Departamento de Transportación del Estado de Nueva York
Mejoras Operacionales y de Resiliencia de la Autopista de Nassau
Reunión de Información Pública
Por Favor Firme el Registro y Tome un Folleto

22 de Junio del 2017
Your input is valuable to us!

*NYSDOT representatives are here to help – please ask!*

- Gain a clear understanding of the project needs, purpose, and objectives
- Become familiar with the existing conditions and project improvements
- Provide comments on the project

*Please complete a Comment Sheet provided regarding NYSDOT’s Nassau Expressway (NY 878) Operational and Resiliency Improvements Project.*
Project Limits
Rockaway Tpke to Burnside Ave
# Project History

**Rockaway Tpke to Burnside Ave**

<table>
<thead>
<tr>
<th>Year</th>
<th>Type of Work Performed</th>
</tr>
</thead>
<tbody>
<tr>
<td>1973</td>
<td>Constructed as an interim roadway by NYSDOT (Maintenance jurisdiction with Nassau County)</td>
</tr>
<tr>
<td>2007-10</td>
<td>NYSDOT study to improve physical conditions and operations</td>
</tr>
<tr>
<td>2014-15</td>
<td>NYSDOT repaved roadway with limited drainage improvements</td>
</tr>
<tr>
<td>2017</td>
<td>Governor announcement to reconstruct 0.57-mile segment to improve physical conditions, traffic operations, and resiliency with a Design-Build project</td>
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</table>
Project Purpose
Rockaway Tpke to Burnside Ave

- Address the identified operational and infrastructure deficiencies
- Improve the resiliency of the roadway as an Emergency Coastal Storm Evacuation Route
Project Needs
Rockaway Tpke to Burnside Ave

- Improve Physical Conditions
  - Roadway is aged with poor drainage and poor underneath soils
  - Pavement has failed at various locations and requires reconstruction
  - Repaving in 2014 - 2015 was interim
Project Needs (cont.)
Rockaway Tpke to Burnside Ave

- **Improve Traffic Operations**
  - High traffic volumes
  - Intersections experience substantial congestion and delay
  - Nassau Expwy intersection accident rates are up to 6 times higher than statewide averages
  - Configuration lacks shoulders and turn lanes
  - Roadway has no pedestrian and/or bicycle accommodations
Project Needs (cont.)
Rockaway Tpke to Burnside Ave

- Improve Resiliency
  - Elevation of roadway is 2.4 ft. below the 100-year base flood elevation
  - Currently, this Emergency Coastal Storm Evacuation Route becomes inundated and could restrict evacuation during high storm events

Source: WYNC, Superstorm Sandy inundation
Existing Traffic Conditions

Note: Intersection lacks left turn lane.
Average Annual Daily Traffic (AADT) Volumes

Note: Units are numbers of vehicles.
Existing Drainage Conditions

Bay Harbour Mall
Mound
Wetlands
COSTCO
Battling Cage

Bay Blvd
Nassau Expwy
Rockaway Tpke
Peninsula Blvd

BURNSIDE AVE

# New York State Department of Transportation
Environmental Considerations

- Floodplain management
- Wetlands/mitigation
- Hazardous material (HAZMAT) review
- Air and noise
- Water quality
- Socio-economic conditions
Wetlands/Site Features

- Existing Wetland Area to Remain (0.11 acres)
- Area of Wetland Impacts
- Proposed Water Quality Basin
- Mound
- Potential Area of Wetland Mitigation
- Relocated Nursery
- Existing Wetland Area to Remain (5.94 acres)
- Area of Wetland Impacts

- COSTCO
- Shopping Center
- NASSAU EXPWY
- PENINSULA BLVD
- BAY BLVD
- ROCKAWAY TPKE
- BURNSIDE AVE
Permits, Approvals and Coordination

- NYSDEC (wetlands)
- USACE (wetlands)
- NYSDOS (Coastal Zone Consistency)
- NYCDEP (48 in. water main relocation)
- NYCDOT (work zone traffic)
- Nassau County (utilities/drainage)
- Town of Hempstead (drainage)
Nassau Expwy Existing/No Build Alternative
Proposed Build Alternative Features

- Replace existing pavement with new pavement
- Add turning and auxiliary lanes to improve traffic operations and safety
- New improved signals
- Raise roadway segment 3 to 4 ft. for increased resiliency
- Install new drainage system
- Add shared-use path and sidewalks for pedestrian and bicyclist mobility
Nassau Expwy Build Alternative
Nassau Expwy Build Alternative
Intersection at Peninsula/Bay Blvd
Build Alternative
Nassau Expwy looking south towards Peninsula/Bay Blvd

EXISTING

PROPOSED
Build Alternative
Peninsula/Bay Blvd looking west towards Nassau Expwy

EXISTING

PROPOSED
Nassau Expwy Build Alternative
Intersection at Burnside Ave
Build Alternative
Nassau Expwy looking south towards Burnside Ave

EXISTING

PROPOSED
Nassau Expwy Build Alternative
Intersection at Rockaway Tpke
Build Alternative
Nassau Expwy looking north towards Rockaway Tpke

EXISTING

PROPOSED
Build Alternative
Aerial view of Nassau Expwy-Peninsula/Bay Blvd intersection
## Resiliency Elevations

<table>
<thead>
<tr>
<th>Category</th>
<th>Elevation Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>Existing Roadway</td>
<td>Elevation ± 6.5 to 8 ft.</td>
</tr>
<tr>
<td>100-Year Base Flood</td>
<td>Elevation 9.4 ft.</td>
</tr>
<tr>
<td>Sea Level Rise</td>
<td>11 in.</td>
</tr>
<tr>
<td></td>
<td>(projected, low to moderate, 2050s)</td>
</tr>
<tr>
<td>Proposed Roadway</td>
<td>Elevation 10.5 to 12.5 ft.</td>
</tr>
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</table>
Minimize Construction Impacts

- Maintain minimum of 2 travel lanes in each direction during peak hours
- Maintain access to businesses at all times
- Right-of-way (ROW) takings limited to easements during construction
- Nighttime construction when feasible
### Anticipated Project Schedule and Cost

<table>
<thead>
<tr>
<th>Target</th>
<th>Task</th>
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<tbody>
<tr>
<td>Fall 2017</td>
<td>Finalize preliminary design &amp; Design Approval Document</td>
</tr>
<tr>
<td>Fall 2017 to Spring 2018</td>
<td>Design-Build team procurement</td>
</tr>
<tr>
<td>Summer 2018</td>
<td>Begin construction</td>
</tr>
<tr>
<td>Late 2019</td>
<td>End construction</td>
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Project construction cost = $90 to $100 million
Next Steps

- Review and summarize public comments

- Incorporate comments and complete preliminary design and Design Approval Document

- Issue documents for Design-Build procurement
THANK YOU FOR COMING!

Please send comments or questions to:

Nassau Expressway (NY 878)
Operational and Resiliency Improvements Project Team
PIN # 0072.14
New York State
Department of Transportation
Region 10 Design
250 Veterans Memorial Highway, Room 5A-10
Hauppauge, New York 11788

or

Email: R10-RPIC@DOT.NY.GOV
Phone: (631) 952-6929

Deadline for comment is July 24th, 2017.