

# Newington-Dover 11238Q July 2018 Update



## Work Completed – Real Time Traffic Management Signs

In July of 2017, Real Time Traffic Management Signs were deployed on Rte 4, Rte 125, and Rte 108 to provide real time traffic information to motorists approaching the project. The information provided allows motorists to choose alternative routes that may help save them time when commuting toward, and thru the project.



## Work Completed – Construction of Temporary Water Treatment Facilities.

Stormwater treatment systems were constructed in late 2016 on Dover Point Rd West near the DMV and on Spur Rd near Exit 6 to handle stormwater runoff during construction. The treatment facilities remove turbidity from the collected stormwater prior to discharge into receiving waters. These systems will be removed when no longer necessary for construction.

Spur Rd. System



Dover Point Rd West System



## Work Ongoing – Soundwall Construction

Work continues to construct over 3 miles of Soundwalls on the project. The soundwalls will extend from just north of the Little Bay Bridge to approximately ½ Mile north of the Dover Toll Plaza on both sides of the Spaulding Turnpike. The soundwalls have reinforced concrete foundations with precast concrete columns and wood panels made of treated Southern Yellow Pine.

### Anticipated Soundwall Schedule:

Completion of walls North of Exit 6 – Completed Spring of 2018.

Completion of walls South of Exit 6 – Fall 2019 (East Side), Fall 2020 (West Side)



## Work Ongoing – Future Exit 6 Northbound Off Ramp

The future Exit 6 Northbound Off Ramp has been mostly completed and awaits the completion of the Exit 6 Bridge and the new Northbound barrel of the Spaulding Turnpike to be completed in order to be put into service. The new Exit 6 NB Off Ramp is expected to be in service in the fall of 2018.



## What are all those flags for?

There has been a lot of interest in the thousands of tiny flags that have been laid out on the project. Those flags represent locations for drilling in wick drains. Wick drains come on a large roll and are made of a material that allows water to travel within them. The wicks are drilled into the ground up to 90 ft deep on a 5 ft grid and are seated with the drill at the bottom of a very soft clay layer that exists beneath. When the entire area is covered with wick drains, we have created a large number of ports to allow water to come out of the soft clay layer. When the clay layer is loaded with a surcharge later in the project, the water is squeezed out of the clay; it travels up the wicks and is absorbed into the sandy materials above the clay. This process allows the clay layer below the roadway to become much more structurally sound in order to support the future turnpike.



## Work Ongoing – Construction of Northbound Spaulding Turnpike

In 2018, Roadway work on the Spaulding Turnpike has focused heavily on the construction of surcharge embankments on the future Northbound Spaulding Turnpike between the Little Bay Bridge and Exit 6. The surcharges have to sit for at least 90 days. Their purpose is to load the area to induce settlement of soft materials under the roadway to make it more structurally suitable for the proposed highway. Later in 2018, the surcharges will come off, and the permanent Northbound Spaulding Turnpike will be constructed thru the area.



## Work Ongoing – Exit 6 Bridge Construction

Work is progressing on the new Exit 6 Bridge for Rte 4 over the Spaulding Turnpike. The center pier, bridge abutments, and bridge deck have been completed to date. Remaining work includes approach slabs, bridge curbs, and bridge rails. The new bridge will ultimately facilitate EB and WB traffic on Rte 4 over the Spaulding Turnpike. The bridge is anticipated to be completed in the late summer of 2018. Later in 2018 it will be opened to westbound traffic.



## Work Ongoing – Northbound Little Bay Bridge Approach in Newington.

Efforts are underway to reconstruct the Northbound Spaulding Turnpike from Exit 4 to the Little Bay Bridge. This work includes the realignment of the Exit 4 Northbound On Ramp as well as drainage and roadway select materials construction. This work aligns the Northbound Spaulding Turnpike with the currently vacant Northbound Little Bay Bridge.



## Work Ongoing – Route 4 Roadwork

Work continues on the reconstruction of Rte 4 west of Exit 6. This work includes drainage and conduit installations and full depth roadway construction to establish the westerly approach to the new Exit 6 Bridge. It is anticipated that westbound traffic will be on the new roadway in the fall of 2018.



## Work Ongoing –Dover Point Road Roadwork

The Contractors are progressively working to make roadway improvements on Dover Point Rd between Newick's and the DMV including new water, sewer and drainage infrastructure. The improvements on this stretch of Dover Point Rd also include new sidewalks on the west side of the roadway that will be constructed in 2018.



## Work Ongoing – Woodbury Ave

Roadway reconstruction on Woodbury Ave between Walmart and Gosling Rd has been underway since early Spring 2018. The scope of work includes the reconstruction of the median island, sewer and water main improvements, and the addition of turn lanes at Piscataqua Drive and Foxrun Crossings. Additionally Woodbury Ave will be repaved as part of the project.



## Upcoming Work – Northbound Little Bay Bridge

Work continues on the southern and northern ends of the future Northbound Little Bay Bridge to complete drainage and roadway improvements that will allow Northbound Spaulding Turnpike traffic to utilize the currently vacant bridge. We are hopeful that some traffic will be able to use the bridge by the end of 2018.



# Newington-Dover 11238Q Contract

- Upcoming work:
  - Bridge:
    - Evroks Corp. will continue construction of the new Exit 6 Bridge thru the summer. The bridge is anticipated to be completed in the late summer of 2018.
  - Roadwork:
    - Severino Trucking Co. will continue:
      - Roadway improvement work on the Spaulding Turnpike for the future Northbound Spaulding Turnpike between Exit 4 and the Dover Toll Plaza.
      - Construction of the Rte 4 EB and WB approaches to the new Exit 6 Bridge.
      - Reconstruction of Woodbury Ave with a focus between Old Dover Rd and Fox Run Crossings. Work will start with water main replacement.
      - Reconstruction of Dover Point Rd between Boston Harbor Rd and Hilton Park including curbing, sidewalks, and pavement repairs.
  - Traffic Control:
    - Daily High Speed Lane Closures will continue to be utilized as necessary on the SB Spaulding Turnpike from the Dover Toll Plaza thru the Bridge work area to facilitate bridge and roadway construction.
    - Daily one way alternating traffic will be utilized on Dover Point Rd and Woodbury Ave for the completion of roadway improvements.