

CTDOT CONSTRUCTION OPEN HOUSE

State Project No. 0063-0726

Rehabilitation of Bridge 01469B (Dutch Point Viaduct) I-91 SB in Hartford



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PROJECT LOCATION



The Dutch Point Viaduct is an 1,800 foot long elevated bridge structure carrying three lanes of Interstate 91 (I-91) Southbound over the Connecticut Southern Railroad and the I-91 Northbound ramps to and from Whitehead Highway in Hartford, CT. The part of the Dutch Point Viaduct that is the subject of this project is located along I-91 Southbound between the Connecticut Convention Center and the Colt Armory, as identified on the map to the left and in the photo below.



▲ A view of the Dutch Point Viaduct looking south toward the Colt Armory.



PROJECT PURPOSE & BENEFITS

The purpose of this project is to upgrade the structural elements of the bridge to a state of good repair to meet current design standards, which will improve the load carrying capacity and extend the bridge's service life.

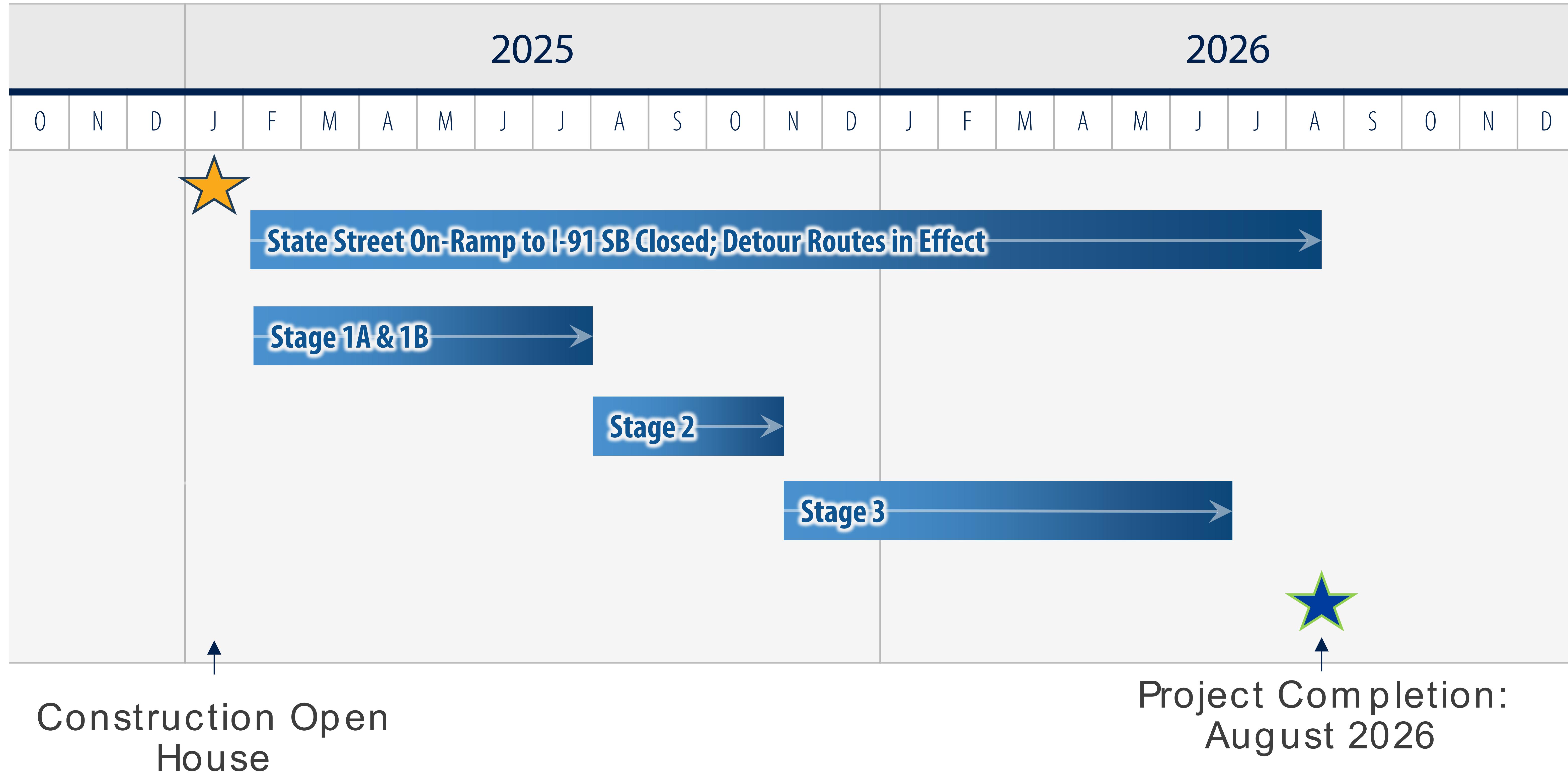
Bridge Rehabilitation Details

- The bridge deck will be replaced. The new bridge deck will feature an upgraded drainage system, new parapets that meet the latest federal standards, and new standard highway lights.
- Steel strengthening repairs will be made to bridge girders, which are horizontal beams that support the bridge deck and transfer the load to the foundation.
- Bridge girder beam ends will be metallized, which is a coating process that protects girders from corrosion.
- Bridge bearings, which transfer the weight of the bridge and traffic to the bridge substructure while allowing the bridge to move, will be selectively replaced or repaired.
- New micropiles and the encasement of steel pier bents in concrete will strengthen the substructure of the bridge.



► A view underneath the Dutch Point Viaduct.

PROJECT SCHEDULE



LANE CLOSURES BY STAGE

Stage 1A & 1B

- I-91 Southbound: Left Lane to be Closed
- Whitehead Highway: Right Lane to be Closed



Stage 2

- I-91 Southbound: Left Lane to be Reopened; Center Lane to be Closed
- Whitehead Highway: Right Lane Remains Closed



Stage 3

- I-91 Southbound: Center Lane to be Reopened; Right Lane to be Closed
- Whitehead Highway: Right Lane to be Reopened; Left Lane to be Closed



Whitehead Highway Ramp Closure
 I-91 Southbound Lane Closure



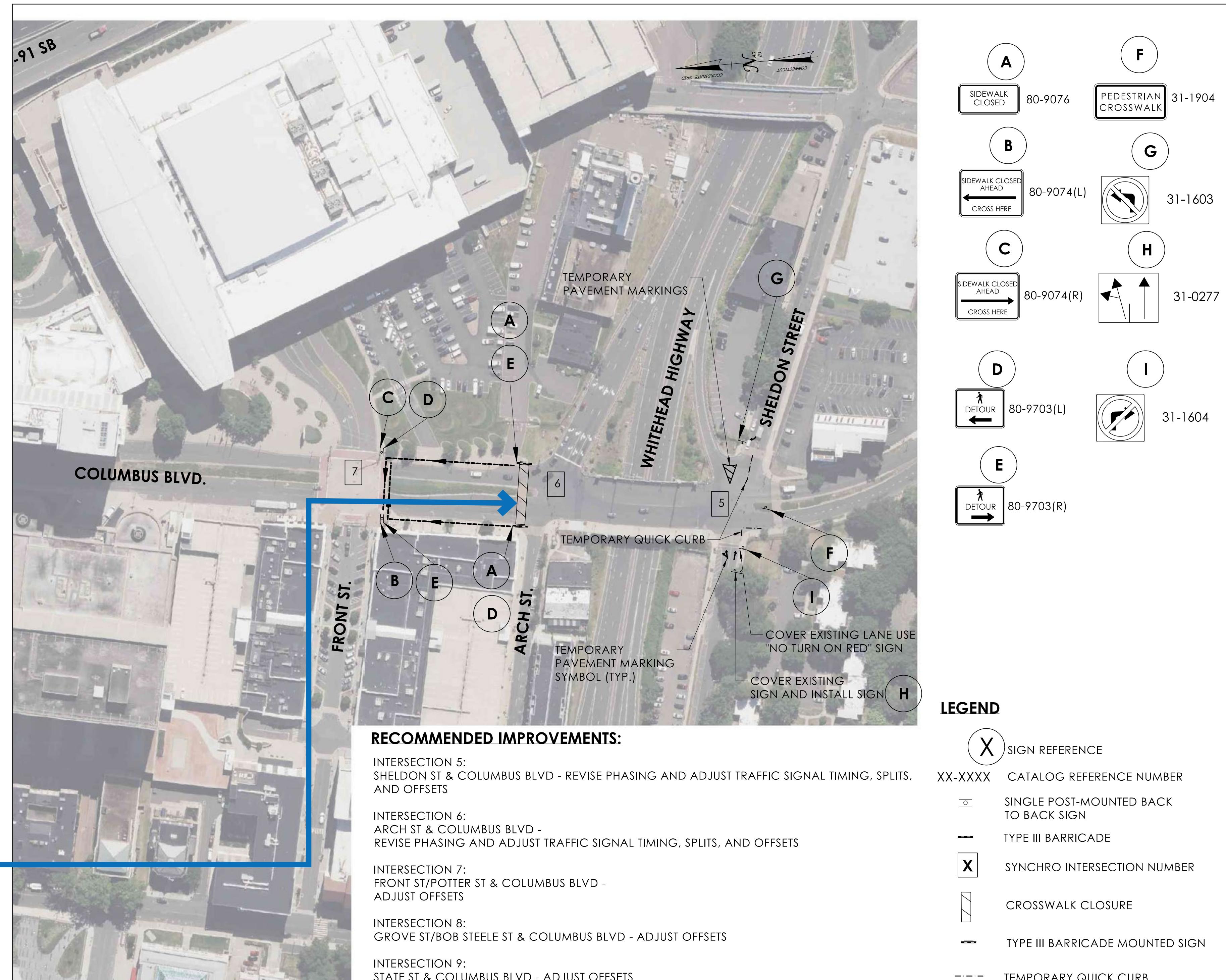
PROJECT IMPACTS

Traffic Impacts

- ▶ Closure of the State Street On-Ramp to I-91 Southbound for the duration of the project. Two detour routes to I-91 Southbound due to ramp closure.
- ▶ Close one of three lanes on I-91 Southbound and Whitehead Highway On-Ramp to I-91 Southbound for duration of project.
- ▶ Additional temporary impacts during construction (i.e. overnight lane closures, ramp lane shifts).
- ▶ Traffic signal sequence and timing modifications.
- ▶ Turning movements restricted at the Columbus Boulevard and Sheldon Street intersection.

Pedestrian Impacts

- ▶ Crosswalk across Columbus Boulevard at Arch Street will be closed while the detour is active.
- ▶ Pedestrian facilities at the intersection of Columbus Boulevard and Front Street will not be impacted.
- ▶ The Riverwalk will remain open during construction.



STATE STREET ON-RAMP TO I-91 SB CLOSURE & DETOUR

Detour Routes in Effect from February 2025 to August 2026

A Northern Detour Route and Southern Detour Route will be activated along local roads for access to I-91 Southbound.

Northern Detour Route

The Northern Detour Route will follow State Street westbound to Market Street northbound, then east onto Morgan Street to the I-91 Southbound ramp.

Southern Detour Route

The Southern Detour Route will follow Columbus Boulevard southbound and then eastbound on the Whitehead Highway to the I-91 Southbound ramp.

Portable message signs will be placed at key locations to announce the detours. Additional signs will be placed as necessary to guide motorists.



QUESTIONS?



By E-mail: Send a note to CTDOT at DOTDutchPointViaduct@ct.gov

For More Information and to Sign Up for Project Updates: Visit the project website at <https://portal.ct.gov/dutchpointviaduct>. Scan the QR code to the right to go to the project website.

