



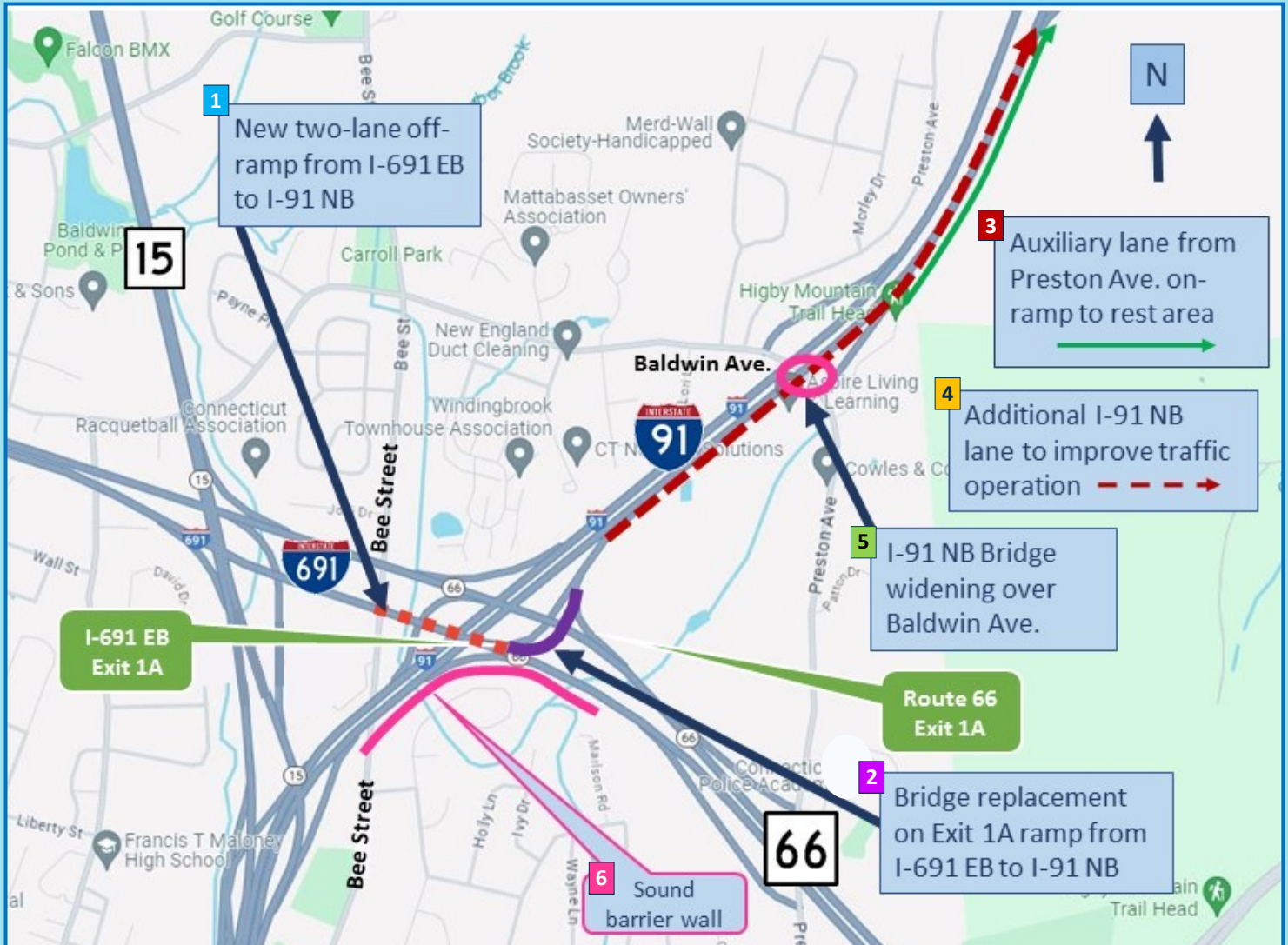
I-91, I-691, Route 15 Interchange Program



Construction Newsletter—Issue 1—Winter 2024

Improving safety and operation on I-91, I-691, and Route 15 in Meriden and Middletown, CT

The Connecticut Department of Transportation’s I-91, I-691, Route 15 Interchange Program has been ramping up with construction this winter on the sites depicted on the map below to improve safety and operation into the future.



MAP LEGEND; IMPROVEMENTS INCLUDE:

- 1** Realign & widen the Exit 1A (previous Exit 11) ramp from I-691 EB to I-91 NB to two lanes to meet traffic demand.
- 2** Bridge replacement on Exit 1A due to the proposed ramp realignment and widening.
- 3** Add auxiliary lane to improve merge.
- 4** Provide one additional lane on I-91 NB to relieve congestion caused by a steep uphill grade.
- 5** Bridge widening due to the added lane on I-91 NB.
- 6** Sound barrier wall surrounding residential area.

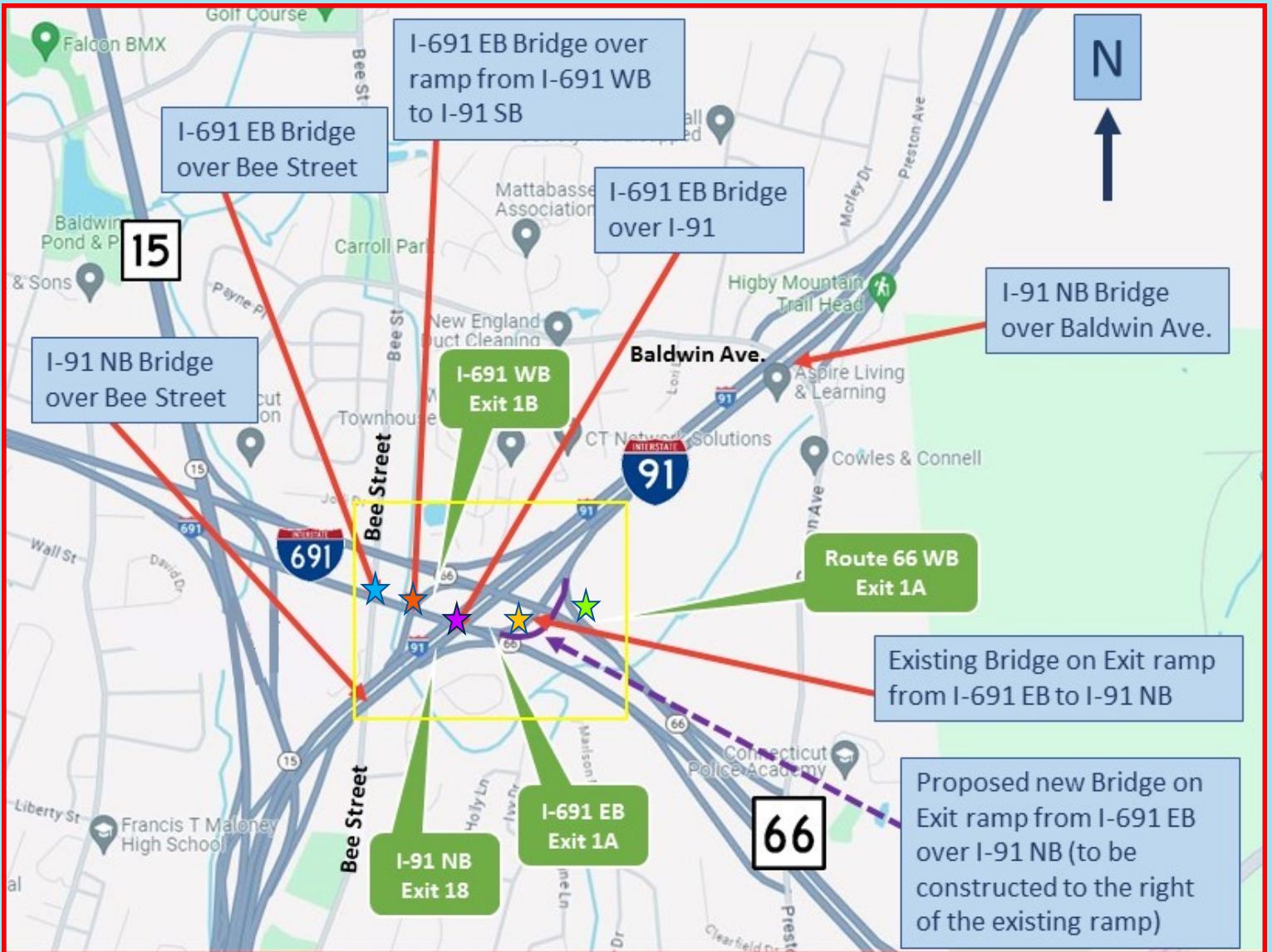
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BRIDGES & EXITS WITHIN THE WINTER CONSTRUCTION PROJECT LIMITS

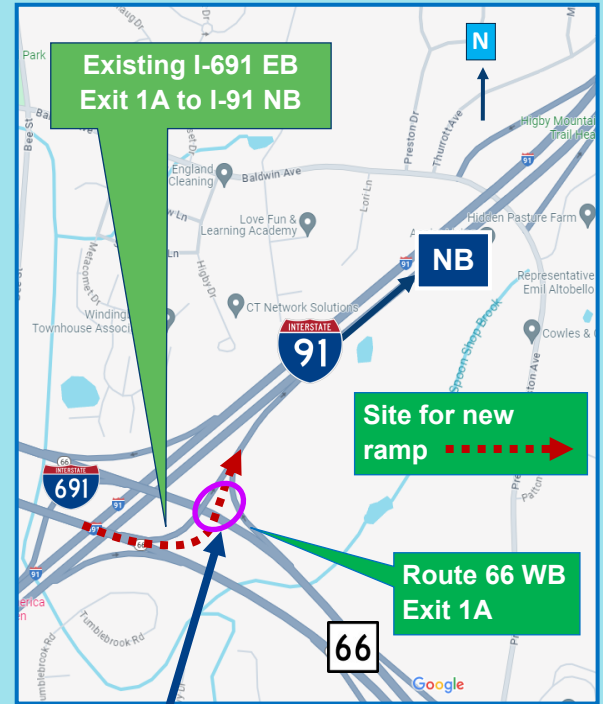
The map below depicts the location of ramps and bridges with active construction sites this winter with:

- ◆ Partial deck work on the I-691 EB bridges over: ★ Bee Street, the ★ I-691 WB ramp to I-91 SB, and ★ I-91.
- ◆ Partial demolition: the existing ★ I-691 EB Exit 1A one-lane ramp to I-91 NB will be replaced by a new two-lane ramp
- ◆ Embankment filling: ★ the Route 66 WB on ramp to I-91 NB will be shifted/widened to accommodate the new ramp.



A NEW TWO-LANE RAMP FOR I-691 EASTBOUND EXIT 1A

Terrain has changed; there has been much activity in the site where we are constructing the new two-lane I-691 EB Exit 1A to I-91 NB. The red dotted line on the map (right) depicts approximately where the new Exit ramp will be located. The new ramp includes a bridge over Route 66 WB before merging with the Route 66 WB Exit 1A ramp to I-91 NB. The proximity and connectivity of the new I-691 EB Exit 1A ramp and the existing Route 66 WB Exit 1A ramp necessitates shifting the Route 66 WB Exit ramp to accommodate the path for the new I-691 EB two-lane ramp.




Two photos above: Filling to grade operations necessary for constructing the foundations for the new I-691 EB Exit 1A ramp and shifted Route 66 WB Exit 1A ramp, both bound for I-91 NB.

Right: Partial bridge demolition on the existing I-691 EB Exit 1A bridge to I-91 NB.



I-91 NORTHBOUND BRIDGE WIDENING OVER BALDWIN AVENUE



As part of the improvements, I-91 NB will be widened to provide an additional lane from the merge of the Exit 1A ramp to the rest stop in Middletown. When widening interstates and other roadways, bridges over or under local roads must be widened as well. By December, work progressed with widening of the I-91 NB bridge over the local road, Baldwin Avenue (see  the location of this site in the map above).

In January and February, work continued with the installation of southern backwalls and wingwalls for the bridge. Note that the work sites are separated from traffic by temporary barrier so that construction may progress with minimal impact to local traffic.



IMAGES OF ADDITIONAL WORK SITE OPERATIONS

MILLING AT I-691 EB EXIT 1A



CORRUGATED METAL PIPE FOR DRAINAGE WORK



BRIDGE CONCRETE HAUNCH REMOVAL



SLOPE STABILIZATION AND HAUL ROAD



EXCAVATION OF I-91 NB MEDIAN FOR ADDITION OF SECOND LANE



Details concerning specific dates for future traffic shifts, closures and detours, may be found on our [website](#).

To find out more about Program, visit our website: i-91i691Route15Interchange.com