

South Burlington I-89 Culverts IM CULV(24)

63-1N&S and 64-1N&S between Exit 12 and Exit 13

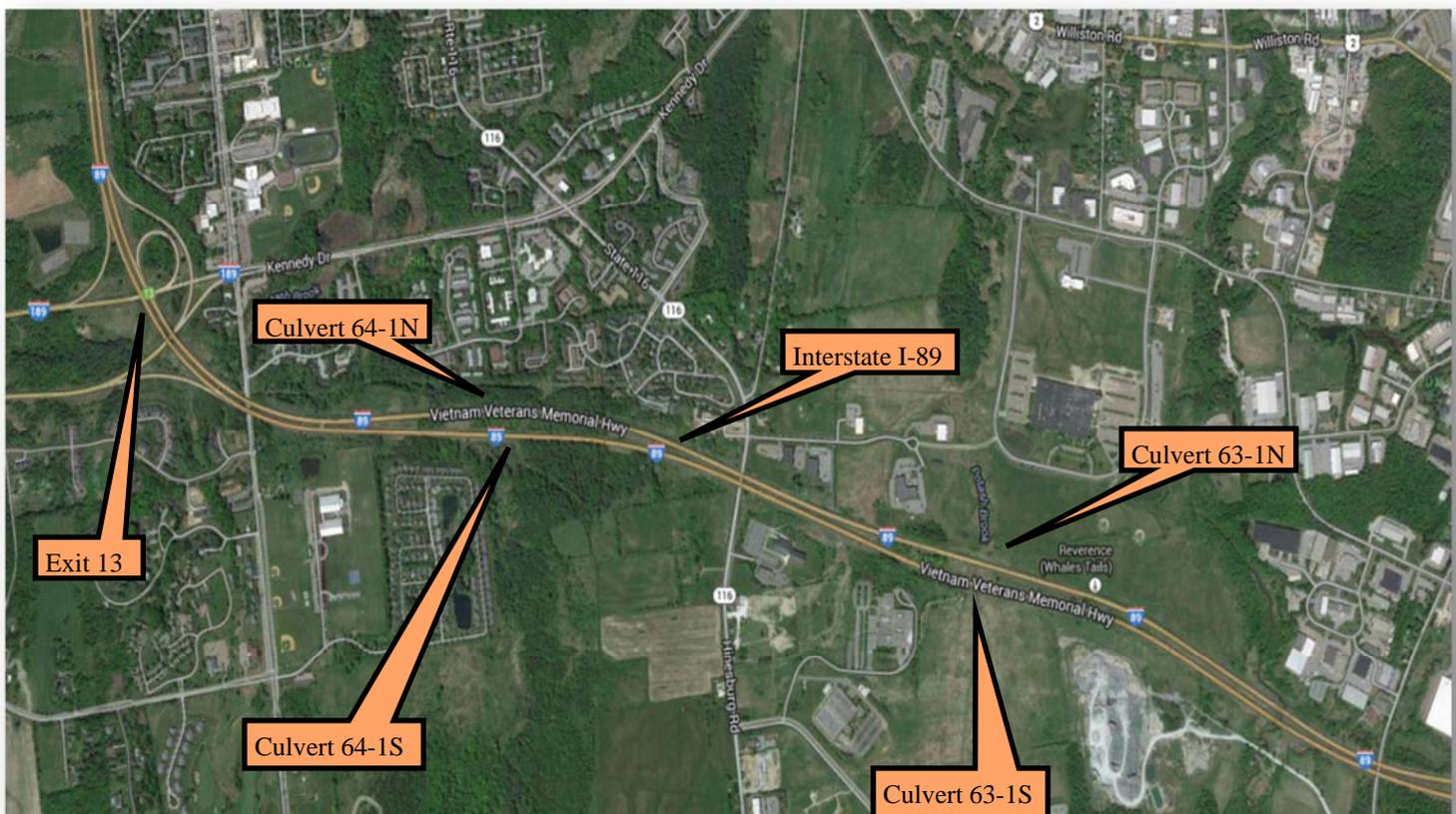
Project Location: In the City of So. Burlington, Chittenden County, Vermont along Potash Brook and an unnamed tributary of it at their intersection with Interstate I-89. The culvert is located approx. 1.8 miles west of the Williston/So. Burlington town-line. See Location Map below.

The So. Burlington CULV(24) project will replace four existing culverts carrying Potash Brook and a tributary of it under Interstate 89 with an AADT of 20,100 vehicles per day in each direction. The existing galvanized steel plate culverts were built as part of the interstate construction in 1963. The culverts are under 20' to 24' embankment, lengths of 84' to 104' and with a span of 7' to 9'. The existing culverts are classified to be in fair to serious condition requiring replacement in the near future.

To encourage innovation and minimize inconvenience to travelling public, VTrans decided to procure this project using under design-build method.

Features of proposed work includes:

- ◆ Maintain 2-way traffic with 2 lanes in each direction at 55 mph
- ◆ Open-cut Excavation
- ◆ Precast Concrete Box Culverts
- ◆ Culverts will have natural stream bottom to support Aquatic Organism Passage



Target Design-Build Schedule:

Bid Advertisement March 2015
Contract Award December 2015
Target Const. Schedule April 2017—June 2018

Contractor: J.A. McDonald/Stantec

Cost: The design-build cost (bid) of the bridge replacement project is \$7,203,660.



Culvert 63-1N



Culvert 64-1N



Culvert 63-1S



Culvert 64-1S

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