

Georgia I-89 Culverts IM CULV(25)

Culverts 83-1N and 83-1S between Exit 17 and Exit 18

Project Location: In the Town of Georgia, Franklin County, Vermont along an unnamed tributary of Stonebridge Brook at its intersection with Interstate I-89. The culvert is located approx. 0.4 miles north of Georgia/Milton town-line and approx. 1.3 miles south of Exit 18. See Location Map below.



Culvert 83-1N Condition



Culvert 83-1S Condition

The Georgia CULV(25) project will replace two existing culverts carrying unnamed tributary of Stonebridge Brook under Interstate 89 with an AADT of 10,700 vehicles per day in each direction. The annual inspection classified the culverts be in serious condition and replacement/rehabilitation in the near future. The existing galvanized steel plate culverts were built as part of the interstate construction in 1963. The culverts are under 40' embankment, of length of 176' to 214' and a 6' span. To encourage innovation and minimize inconvenience to travelling public, VTrans decided to procure this project using under design-build method.

The proposed work will include:

- ◆ Maintaining 2-way traffic with 2 lanes in each direction at 55 mph
- ◆ New alignment adjacent to existing culvert, which will be in service during construction
- ◆ New culvert construction by Tunneling using Sequential Excavation Method
- ◆ Precast concrete arch culverts
- ◆ Culvert will have natural channel bottom to allow Aquatic Organism Passage



Culverts 83-1N and 83-1S - LOCATION MAP



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 proposed bridge replacement project is \$8,083,000.

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