

*Looking North***PROJECT MILESTONES**

Final Plans

Spring 2016

Contract Plans

Summer 2016

Contract Award

Summer 2016

Construction

Fall 2016

St. Albans Town BF 0279(5)

VT Route 104, Bridge 19

Project Location: Town of St. Albans Town in Franklin County on VT Route 104 over Stevens Brook. The bridge is located approximately 350 feet north of the intersection of VT Route 36 and VT Route 104.

The project will replace the existing culvert, which does not have adequate hydraulic capacity and is considered structurally deficient, with a new precast box culvert that will meet current design standards.

The existing culvert is a 6 foot CGMP built in 1989. Currently the culvert has a serious rating. There is noticeable separation of the culvert sections causing settlement in the roadway.

The new culvert will be a 10-foot by 7-foot precast concrete box culvert. The new precast box will have 12 inch high bed retention sills, to allow for a natural channel bottom to form, accommodating Aquatic Organism Passage (AOP). Since the precast culvert will have a closed bottom, it will be protected from scour. In order to satisfy AOP requirements, the culvert invert will be buried 36 inches and stone will be placed along the length of the channel bottom through the culvert, resulting in a 4 foot high waterway opening. The new culvert will have headwalls that extend 4 feet below the channel bottom at the inlet and the outlet to prevent undermining. This new structure will meet the minimum hydraulics standards.

It is anticipated that the bridge will be constructed during the Fall of 2016 using ABC methods, which will expedite construction and reduce disturbance to the public. There will be a road closure for one weekend beginning at 6pm Friday and reopening 6am Monday. Temporary single lane closures will occur prior to and following the bridge closure period.

*Looking South*

Target Construction Schedule: It is anticipated that construction activities will take place beginning in Fall 2016 and last one construction season. The allowable bridge closure period is one weekend (Friday 6pm to Monday 6am) to be determined at a later date.

Contractor: TBD

Estimated Total Project Cost: TBD

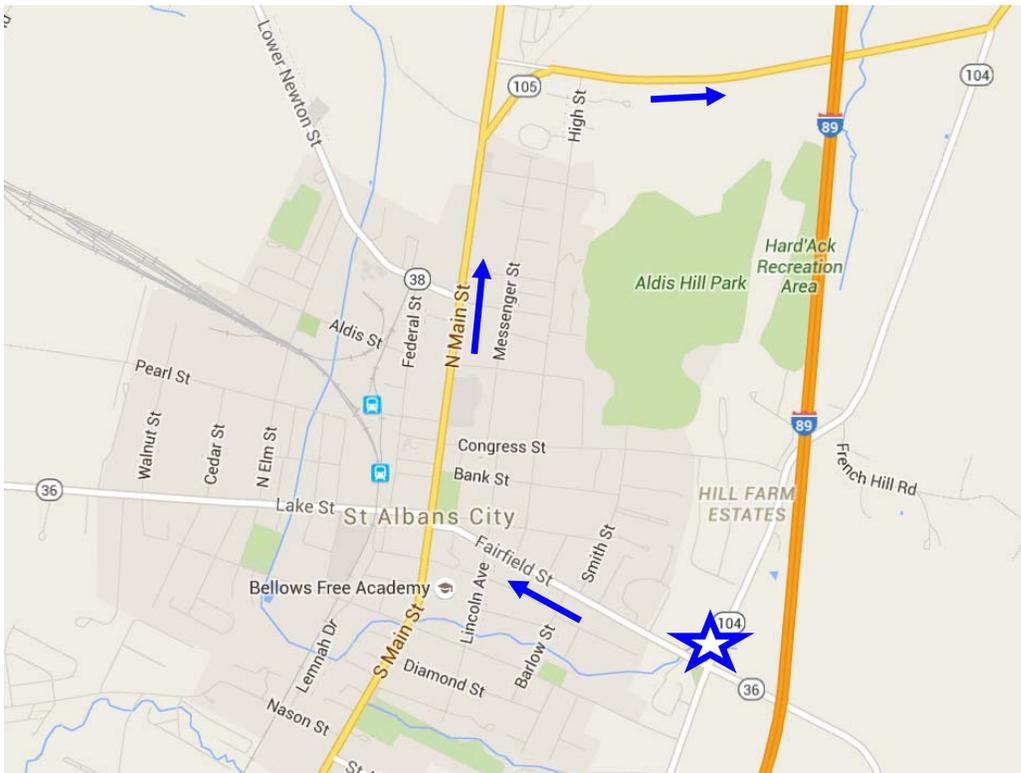
VTrans Project Manager: J.B. McCarthy

VTrans Resident Engineer: Jermev Salvatori

Detour Route: During construction, all VT-104 North traffic will be rerouted West onto VT-36, proceeding North on US-7 and then finally East on VT-105. The detour will be the reverse for Southbound traffic.



Culvert Separation



Bridge Location/Detour Map



Road Settlement



<https://www.facebook.com>



<https://twitter.com/511VT>

For More Information, Click Here.