

Management Approval Of Scope

August 5, 2021

Project: **Brattleboro VT Route 9, Bridge 54 over Whetstone Brook**

Project Manager: Laura Stone

Project Briefing: After evaluating various alternatives for this project, we have concluded that a full bridge replacement on-alignment with a new conventional bridge is appropriate and feasible. The new bridge will be widened to include a 5-foot sidewalk on both sides and a 10'/11' typical section.

Maintenance of Traffic: It is recommended that traffic is maintained on a 2-way temporary bridge with pedestrian accommodations. Impacts to aerial and underground utilities as well as impacts to an archaeologically sensitive area are anticipated.

(Please See Scope Collaboration and Management Approval of Scope Meeting Notes on the back of this form)

_____ Structures Management approves the project scope.

_____ Structures Management will require more information before making a decision.

_____ Structures management recommends getting higher level approval for the proposed scope.

_____ Structures does not recommend the project scope.

_____ Structures Management approves the project scope with modifications.

Structures Program Manager

Date

Comments:

Scope Collaboration Meeting Notes, 8/4/2021

Meeting Attendees:

Stone, Laura	Peterson, David	Goldstein, Lee	Shively, Andy	Beard, Daniel
Otto, Katharine	Cota, Carolyn	Klinefelter, Robert	Wark, Nick	Thurber, Pam
Higgins, Kristin	Lacroix, James	Lout, Meg	Gauthier, Brennan	Young, Rob
Arles, August	Obenauer, Kyle	Avery, Nancy	Voisin, Heather	Burrall, Cory
Horbal, Brian				

- Consensus that a bridge replacement project is warranted here due to existing conditions and needs considering this is located on the National Highway System and has high traffic volumes (17,500 vehicles per day) along with high truck traffic:
 - Grossly substandard width
 - There are documented safety concerns for bike/ped with the current shoulder widths
 - Crash rail concerns
 - Hydraulic concerns with bridge configuration, and located within a flood zone
- Consensus that a temporary bridge is needed here due to the traffic volumes and high truck traffic
 - There is no good bypass/detour for trucks
 - A two-way temporary bridge is required and will need to have pedestrian accommodations
 - The temporary bridge will require an extensive utility relocation
 - There is a sewer line, underground telephone and aerial utilities in the area
 - A downstream temporary bridge will have impacts to archaeologically sensitive areas in the SW and SE quadrants
 - A phase 1 study should occur early on in the design phase – spring of 2022
 - It was speculated that the sewer line and underground telephone goes through the archaeologically sensitive area so there has already been disturbance
 - Archaeology officer mentioned that those kinds of utility trenches do not cause enough disturbance to clear the area – a study will still be needed
- The waterline will need to be relocated
 - It can be relocated to the temporary bridge during construction
 - The Town will need to hire a consultant for design of the waterline relocation
- Construction year of 2025
- There is a corridor project though the Class 1 segment slated for 2029 which will include the relocation of the sewer line in the area