

PROJECT NOTES



1. All materials and construction shall conform to state of Vermont Agency of Transportation Standard Specifications for Construction, dated 2001, and its latest revisions, and the AASHTO standard specifications for highway bridges, dated 1996, and its latest revisions.
2. Design is for MS-18 live loading.
3. All dimensions shown on these drawings are horizontal or vertical and are given at 20 degrees C unless noted otherwise.
4. The purpose of this project is to install a Mabey bridge downstream from the existing bridge. The existing bridge and all utilities attached to it shall not be removed as part of this contract and shall not be disturbed. The resident engineer may require additional barricades, at both ends of the existing bridge, for increased safety at no additional cost to the state.
5. The superstructure depth has been assumed for the purpose of setting the vertical alignment. Adjustment in the vertical alignment grade may be necessary in order to maintain the 6.0 meter clearance required over the rail road. Any change in grade must be approved by the project manager.
6. The contractor shall notify the District Transportation Administrator for District 4 (Ann Kreis, telephone no. 802-295-8888) a minimum of two weeks prior to launching the temporary bridge.
7. A detail has been provided on these plans for connecting the heavy duty steel beam guard rail to the temporary bridge. The contractor may provide an alternate attachment subject to the approval of the resident engineer. This work shall be paid under the item 525.40 Bridge Railing - HDSB/Curb Mounted (Mod).
8. The contractor is responsible for making adjustments to water shutoffs and sewer manholes as required.
9. All traffic control items to remain in place after project completion shall be included in the item 527.10 "Maintenance of Traffic for Bridge Projects". All type III barricades to remain in place after project completion shall be anchored to the ground to prevent removal while in use. Anchorage shall meet the approval of the resident engineer. All costs associated with anchoring the barricades shall be paid for under the lump sum price bid for item 527.10 "Maintenance of Traffic for Bridge Projects".
10. The contractor shall notify the town of Bethel two weeks prior to diverting traffic onto the temporary bridge. Contact Delbert Cloud at 234-7340.
11. Access to all existing side roads, drives, and parking areas shall be maintained at all times during construction.
12. The intent of the signing package is to reuse all signs currently within the project limits. Any deviation from the signing plan as shown on the plans must meet the approval of the resident engineer. Any signs needing replacement or not shown on the plans shall be paid for under the appropriate contract items as shown on sheet 4.
13. All on and off project construction signs and barricades required for this project and/or ordered by the resident engineer will be the responsibility of the contractor and shall be paid for under the item 527.10 "Maintenance of Traffic for Bridge Projects". All signs and barricades shall be inspected and repaired as necessary daily. All signs and barricades shall be cleaned of dust and debris weekly.
14. The existing light pole at station 1+260 right will be carefully removed and stockpiled on the project for removal by town forces.
15. All granite curbing for this project shall be furnished by the Vermont Agency of Transportation. The contractor is responsible for loading and transporting the granite curb from the District 6 garage in Middlesex to the project location and its installation. All costs associated with loading, transporting and installing the curb is paid for under the item 616.21 Vertical Granite Curb (Mod). Contact Ernie Englehardt at 828-2693 to make arrangements for obtaining granite curb.

16. A retaining wall adjacent to the proposed sidewalk will be necessary from approximately 3+100 to 3+111 and 3+174 to 3+185. The plans have been developed assuming that concrete "Jersey" barrier be used for this wall. The contractor may elect to propose another type of wall at these locations to the Project Manager for approval. In any case, the required retaining wall will be paid under the item 621.90 "Temporary Traffic Barrier" and shall become the property of the State of Vermont.

TWO-WAY TEMPORARY BRIDGE (MOD 1)

17. Item 528.11 Two-Way Temporary Bridge (Mod 1) shall include the following:
18. The contractor will be responsible for obtaining the design and all drawings from Mabey Bridge & Shore. All drawings and loads obtained shall be submitted to the project manager for review.
19. The contractor will be responsible for the cost of all Mabey bridge components that are not in State inventory, including parts for the foot bridge (see list of components in Special Provisions). All new components will become the property of the State of Vermont after installation.
20. The contractor will be responsible for the cost of loading and transporting all necessary Mabey bridge components that are in State inventory, from the Mendon garage to the project site. All existing components will remain the property of the State of Vermont.
21. The contractor will be responsible for loading and transporting the deck panels from the Mendon garage to the coating applicator and having the panels coated with an anti-skid surface. See Special Provisions for more detail.
22. The contractor will be responsible for launching the Mabey bridge and for the cost of having a representative from Mabey Bridge & Shore at the site at the time of launching.

TWO-WAY TEMPORARY BRIDGE (MOD 2)

23. Item 528.11 Two-Way Temporary Bridge (Mod 2) shall include the following:
24. The contractor will be responsible for the cost of designing and constructing retaining structures to retain the roadway fill and support the bridge foundation at the abutment 1 and abutment 2 locations. See Special Provisions for more detail.
25. The contractor will be responsible for all communication and coordination with Mabey Bridge & Shore to obtain the loads applied from the Mabey bridge to the abutment foundation and retaining structure.
26. The upstream limits of the retaining structures must not extend beyond 7.5 meters from the Centerline of the detour so as not to interfere with the future construction of the permanent bridge.

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SQUAD LEADER: C. P. WILLIAMS	CHECKED BY: K. Higgins
GENERAL NOTES	SHEET: 22 OF 47