

TEMPORARY ACCESS ROAD AND STAGING AREAS, BRIDGE

** These provisions are for use in conjunction with erosion prevention and sediment control performed under the requirements of Section 105 of the Standard Specifications or Section 652 of the Special Provisions. A pay item supplemental description would be required for projects with multiple entries of this pay item.

**From Morristown STP F 029-1(2) C/1

- xx. DESCRIPTION. This work shall consist of constructing a temporary access road with causeway and/or temporary bridge system and associated staging areas for accessing a bridge construction site outside the limits of the proposed roadway embankment, and restoring the disturbed areas to their original condition in accordance with the Plans and as directed by the Engineer.
- xx. MATERIALS. The Contractor may use any material or combination of materials that meet with the approval of the Engineer. The Engineer reserves the right to reject materials and details that will not meet structural requirements for the use proposed.
- xx. GENERAL REQUIREMENTS. Prior to construction, the Contractor shall submit to the Engineer site-specific plans, including proposed temporary access road, staging area, causeway and/or temporary bridge, and structural, dewatering, environmental, restoration, geotechnical, and maintenance details associated with the work.

These plans shall also include limits for Project Demarcation Fence and locations of erosion prevention and sediment control measures in the project areas affected by temporary access road and staging area construction. All work shall be performed within the Project Demarcation Fence limits.

Causeway plans and/or temporary bridge system plans must be approved by the Agency of Natural Resources prior to being submitted to the Engineer. These plans shall provide for the mean annual flood ($Q_{2.33}$), as a minimum, and shall be designed and stamped by a Professional Engineer registered in the State of Vermont. The plans shall address erosion prevention and sediment control, channel maintenance, debris removal, and the materials and methods of creating the upstream diversion from the existing stream channel. These plans shall conform to any permits, both State and Federal, which have been issued for this project.

The Contractor shall provide for crossing the existing stream channel to access the temporary staging area for the duration of its existence so as not to impact the free flow of the stream or to increase any flood levels or potential for property damage upstream or downstream of the project site. This work shall be scheduled such that it is performed during a period in which heavy rains or storm events are not anticipated.

It shall be incumbent upon the Contractor to determine the level of protection required to protect the work. However, the protection of existing facilities, structures, and property must also be undertaken and any damage thereto shall be repaired by the Contractor at no

additional expense to the State. In addition, the temporary diversion/restriction required to provide access across the stream shall not increase in any way flood levels or property damage upstream or downstream of the project site.

In-stream construction shall be undertaken during the period from June 1st through October 1st. Any changes to this period shall be approved in writing by the Vermont Agency of Natural Resources. It shall be the responsibility of the Contractor to obtain any variances to the in-stream construction period.

Furnishing and installing Geotextile Fabrics and Stone Fill shall be in conformance with the requirements of Sections 649 and 613, respectively.

Furnishing and installing pipes shall be in conformance with Section 601.

Designing, constructing, maintaining, and removing a temporary bridge system shall be in conformance with Section 528.

The channel restriction shall be done in such a manner as to minimize erosion and sedimentation. Upstream diversion shall not be done when stream conditions are such that the possibility of excessive erosion and sedimentation will occur.

The channel restriction shall be maintained, throughout the time it is in place, free from debris, logs, stumps, and other obstructions which might impair the free-flow of water through the diversion.

Any portion of the temporary channel which falls outside of the embankment limits shall be restored to match the existing ground and shall be included in the unit price bid for Temporary Access Road and Staging Areas, Bridge.

Any turf establishment required outside of the embankment limits shall be paid for under the appropriate Contract items.

xx. METHOD OF MEASUREMENT. The quantity of Special Provision (Temporary Access Road and Staging Areas, Bridge) to be measured for payment will be on a lump sum basis in the complete and accepted work.

xx. BASIS OF PAYMENT. The accepted quantity of Special Provision (Temporary Access Road and Staging Areas, Bridge) will be paid for at the Contract lump sum price. Payment will be full compensation for preparing a site plan; designing, constructing, and removing the temporary access road, causeway and/or temporary bridge, and associated staging areas at the location(s) specified; performing any necessary excavation; restoring the site to its original condition outside the limits of the proposed roadway embankment; and for furnishing all labor, tools, equipment, and incidentals necessary to complete the work.

Payment for materials, including erosion prevention and sediment control measures, associated with the work and not paid for under a separate Contract item will be considered incidental to Special Provision (Temporary Access Road and Staging Areas, Bridge).

Partial payments will be made as follows:

- (a) An initial payment of 60% of the Contract lump sum price will be made upon satisfactory construction of the temporary access road with causeway and/or temporary bridge system.
- (b) The remaining 40% of the Contract lump sum price will be paid upon removal of the temporary access road with causeway and/or temporary bridge system; excavation of the temporary channel to remove debris, sediment, muck, and foreign matter; restoration of the work area outside the final embankment limits; cleaning up of the temporary staging area; and establishment of vegetation, all to the satisfaction of the Engineer.

Payment will be made under:

<u>Pay Item</u>	<u>Pay Unit</u>
900.645 Special Provision (Temporary Access Road and Staging Areas, Bridge)	Lump Sum
For multiple site projects:	
900.645 Special Provision (Temporary Access Road and Staging Areas, Bridge)(I89 - Br. No. 59-2)	Lump Sum