

**WOODSTOCK
44259**

December 15, 2023

SPECIAL PROVISION

AMENDMENT TO SECTION 645 -- EROSION CONTROL

Item 645.74 –Erosion Control Plan

This special provision provides for the Erosion Control Plan and neither amends nor modifies the provisions of this section except as noted below.

Add to Construction Requirements:

3.10 Erosion Control Plan.

3.10.1 This item addresses the preparation of the Erosion Control Plan (ECP) outlined at Env-Wt 527.05 when required as a condition in the NH Wetland Bureau Dredge and Fill Permit(s). The ECP shall be prepared, stamped, and signed by a Licensed Professional Engineer registered in the State of New Hampshire, and a Certified Professional Erosion and Sediment Control Specialist (CPESC) certified by Envirocert International, Inc., qualified to prepare erosion and sediment control plans, hereinafter called the “Preparer”. Collaboration with other professionals such as soil scientists, geologists and environmentalists may be required as appropriate.

3.10.1.1 Qualifications for the ECP Preparer shall include a minimum of 5 years’ experience or knowledge of highway and bridge construction operations and methods of construction, and demonstrated knowledge of erosion and sediment control, and stormwater management measures. The ECP Preparer shall have previously submitted accepted plans to the New Hampshire Department of Environmental Services (NHDES) under RSA 485-A:17 - Alteration of Terrain, and RSA 482-A - Fill and Dredge in Wetlands.

3.10.1.2 The ECP Monitor shall be a “Qualified Person,” as specified in the Special Provision for Item 645.71.

3.10.1.3 The Contractor shall submit the name and qualifications of the person or firm proposed to prepare the ECP to the Engineer for documentation prior to preparing the ECP.

3.10.2 The ECP shall be prepared in accordance with Env-Wq 1504.06, Env-Wq 1504.16, Env-Wq 1505.02, and Env-Wq 1506. Any amendments to the ECP required by site conditions, schedule changes, revised work, construction methodologies, will require acceptance by the Engineer . The Preparer is responsible for preparation of the ECP, and all amendments, inspections, and reports necessary to comply with the Env-Wq rules outlined above.

3.10.2.1 Department plan drawings will show the construction site(s) conditions prior to and after construction by including property lines, right-of-way lines, easements, existing and new structures, drainage, flood plains, wetlands, limits of clearing and grading, proposed final drainage, detours, permanent erosion and sediment control measures, and other critical items.

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The Contractor's SDP drawings shall show temporary drainage and erosion and sediment control measures for the stream diversion(s) on the Contract plans provided by the Department.

3.10.2.2 Additional design typical details for erosion and sediment control not shown on the Department plans shall be included in the ECP. Calculations shall be submitted for documentation to verify all erosion and sediment control and stormwater management practices such as, but not limited to, sediment retention and detention basins, energy dissipaters, diversions, waterways, and control of runoff.

3.10.3 The ECP Preparer shall assist the Contractor in implementing the ECP and recommending modifications to the ECP, as necessary. The ECP Preparer shall make modifications to the ECP as necessary and resubmit for review and acceptance in accordance with 3.1.1 and 105.02.

3.10.3.1 Monitoring erosion and sediment controls as specified in the ECP shall include on-site reviews, weekly (at least once every 7 days) and within 24 hours after any storm event greater than 0.5" of rain per 24-hour period and producing meeting minutes of the weekly meetings for distribution as required. An ECP Monitoring Report prepared by the ECP Monitor shall include the following:

- inspection date
- name, title, and qualifications and signature of person performing the inspection
- a description of project progress, including verification of permit compliance
- if any permit requirements are not being met, an explanation of the corrective action(s) with applicable requirements and the deadline by which such actions will be completed
- representative photographs of the site that are representative of the project

3.10.3.2 The ECP Monitor shall report any deficiencies or non-compliance issues to the Contractor and Engineer prior to exiting the site. Within 24 hours of completing the on-site review, the ECP Monitor shall provide a formal electronic copy of the ECP Monitoring Report to the Contractor for transmittal to the Engineer. The Contractor shall maintain these reports on site.

3.10.3.3 The Preparer of the ECP shall be available for on-site consultations with the Engineer within 24 hours of request.

3.10.4 Project work may be suspended, wholly or in part, for failure to implement and maintain the accepted ECP, in accordance with 105.01.

Add to Method of Measurement:

4.10 The ECP will be measured as a unit. A unit will include preparation, submittals, modifications, and resubmittals.

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Add to Basis of Payment:

5.11 The ECP will be paid for at the Contract lump sum price upon acceptance.

5.11.1 Modifications and resubmittals of the ECP will be subsidiary.

5.11.2 Erosion and sediment control and stormwater management items necessary to implement and maintain the ECP for the construction site(s) will be paid for under the appropriate erosion control bid item(s) or as provided under Section 699, as approved by the Engineer.

5.12 Monitoring of the ECP and the ECP Monitoring Report will be paid under Item 645.71.

Add to Pay items and units:

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|--------|----------------------|------|
| 645.74 | Erosion Control Plan | Unit |
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