

December 15, 2023

SPECIAL PROVISION**AMENDMENT TO SECTION 645 -- EROSION CONTROL****Item 645.75 – Cold Weather Stabilization Plan**

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

Delete the second sentence from 3.2.1.

Add to Construction Requirements:

3.10 Cold Weather Stabilization Plan

3.10.1 This item addresses the preparation of the Cold Weather Stabilization Plan (CWS) outlined at Env-Wq 1505.06 when required. The CWS Plan 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 cold weather stabilization plan, 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 CWS Plan 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 CWS Plan Preparer shall have previously submitted accepted plans to the New Hampshire Department of Environmental Services (NHDES) under RSA 485-A:17 - Alteration of Terrain.

3.10.1.2 The CWS Plan 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 CWS Plan to the Engineer for documentation prior to preparing the Plan.

3.10.2 The CWS Plan shall be prepared in accordance with Env-Wq 1505.06, which requires the preparation and implementation of the CWS Plan to include detailed descriptions compliance during the period from October 15 through May 1. The Contractor shall submit the CWS Plan to the Engineer for acceptance prior October 1. The Preparer is responsible for preparation of the CWS Plan, and all amendments, inspections, and reports necessary to comply with the Env-Wq rules outlined above .

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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. 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 CWS Plan. 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 CWS Plan Preparer shall assist the Contractor in implementing the CWS Plan and recommending modifications to the CWS Plan, as necessary, and shall attend weekly (or as required by the Engineer) meetings. The CWS Plan Preparer shall make modifications to the CWS Plan 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 CWS Plans 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. A CWS Monitoring Report prepared by the CWS Plan 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 CWS Plan 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 CWS Plan Monitor shall provide a formal electronic copy of the CWS Plan Monitoring Report to the Contractor for transmittal to the Engineer. The Contractor shall maintain these reports on site.

3.10.3.3 The CWS Plan Preparer of the CWS Plan 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 CWS Plan, in accordance with 105.01.

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Add to Method of Measurement:

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

Add to Basis of Payment:

5.11 The CWS Plan will be paid for at the Contract lump sum price upon acceptance, for each cold weather season (October 1 through May 1).

5.11.1 Modifications and resubmittals of the CWS Plan will be subsidiary.

5.11.2 Erosion and sediment control and stormwater management items necessary to implement and maintain the CWS Plan 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 CWS and the CWS Monitoring Report will be paid under Item 645.71.

Add to Pay items and units:

645.75	Cold Weather Stabilization Plan	Unit
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