1040000 PREVENTION, CONTROL, AND ABATEMENT OF EROSION AND WATER POLLUTION
COMMENTS FROM INTERNAL/INDUSTRY REVIEW

Catherine Earp
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Comments: (11-16-18, Internal)

FROM: Rebecca Primmel, Specifications Development Specialist
SUBJECT: Proposed Specification 1040000 Prevention, Control, and Abatement of Erosion and Water Pollution

Attached for your review and comments is a copy of the subject proposed Specification.

The changes approved by Iowa DOT staff included in the Iowa

Response: Comment was addressed prior to industry review. No changes.

Response: Comment was addressed prior to industry review. No changes.

Response: This comment was addressed prior to final industry review version. No Change.

Response: These comments were addressed prior to final industry review version.
Response: These comments were addressed prior to final industry review version. No Change.

104.5 Preconstruction Requirements

Prior to the Preconstruction Conference, submit to the Department an Erosion and Sediment Control Plan meeting the requirements or special conditions of all permits authorizing project construction. If no permits are required or the approved permits do not contain special conditions or specifically address erosion and water pollution, the project’s Erosion and Sediment Control Plan will be governed by 7-1.1, 7-2.2, 7-8.1, 7-8.2, and Section 104.

When a DEP generic Permit for Stormwater Discharge from Large and Small Construction Activities (NPDES) permit is issued, the Contractor’s Erosion and Sediment Control Plan (E&SC Plan) shall be prepared to accompany the Department’s Stormwater Pollution Prevention Plan (SWPPP) that is part of the NPDES permit. Ensure the E&SC Plan Erosion and Sediment Control Plan includes procedures to control off-site tracking of soil by vehicles and construction equipment and a procedure for cleanup and reporting of nonstorm water discharges, such as contaminated groundwater or accidental spills. Do not begin any soil disturbing activities until before receiving the Engineer’s written approval.

Response: This comment was addressed prior to final industry review version. No Change.

Response: These comments were addressed prior to final industry review version. No Change.
Response: These comments were addressed prior to final industry review version. No Change.

Incorporate permanent erosion and sediment control devices features into the project at the earliest practical time and prior to the commencement of any earthwork. Use temporary erosion and sediment control devices features found in the State of Florida Erosion and Sediment Control Designer and Reviewer Manual (E&SC Manual) to control construction activities that develop during construction, which were not foreseen as the time of design, to control erosion and sediment generated by construction operations, prior to the time it is practical to correct unforeseen conditions that present permanent control features, or to provide immediate temporary control of erosion and sediment that develops during normal construction operations, and to which are not associated with permanent erosion control and sediment control devices features on the project. An electronic version of the E&S Manual can be found at the following URL:


**Install all erosion and sediment control devices in a timely manner to ensure the control of sediment and the protection of surface lakes, streams, gulfs, or ocean waters, or any wetlands, groundwater, or property beyond the project limits, associated therewith, and to any adjacent property outside the right-of-way as required.**

Response: These comments were addressed prior to final industry review version. No Change.

Response: These comments were addressed prior to final industry review version. No Change.

Response: This comment was addressed prior to final industry review version. No Change.
Response: This comment was addressed prior to final industry review version. No Change.

104-7 Maintenance of Erosion and Sediment Control Devices Features

- 104-7.1 General: Provide routine maintenance of permanent and temporary erosion and sediment control devices features at no expense to the Department, until the project is complete and accepted. If reconstruction or replacement of such erosion and sediment control devices features is necessary due to the Contractor's negligence or carelessness or, in the case of temporary erosion and sediment control devices features, improper installation, lack of maintenance, excessive wear, design-life exceedance or failure by the Contractor to install permanent erosion control devices features as scheduled, the Contractor shall repair or replace such erosion control devices features at no expense to the Department. If reconstruction of permanent or temporary erosion and sediment control devices features is necessary due to factors beyond the control of the Contractor, the Department will pay for replacement under the appropriate Contract pay items or items.
- Inspect all erosion and sediment control devices features at least once every seven calendar days and within 24 hours of the end of a storm event of that is 0.50 inches or greater. Maintain all erosion and sediment control devices features as required in the Stormwater Pollution Prevention Plan, the Contractor's Erosion and Sediment Control Plan, and...

Response: This comment was addressed prior to final industry review version. No Change.

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Comments: (12-11-18, Industry)
Page 5 first sentence: Change from: The Engineer will review and approve the Contractor's and Sediment Erosion Control Plan. Change to: The Engineer will review and approve the Contractor's Erosion and Sediment Control Plan.
Response: Correction made.

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Comments: (11-29-18, Industry)
After quick review, my biggest concern is this clause being deleted in 104-2. I was unable to find where they inserted it, or something similar in another location:

Due to unanticipated conditions, the Engineer may direct the use of control features or methods other than those included in the original Contract. In such event, the Department will pay for this additional work as unforeseeable work.
At some point on every project and erosion control method not included in the contract is required; without this language a CEI may hesitate to direct something outside the box, and only think to use the devices included in the contract.

Response: Unanticipated conditions are addressed in Division 1 of the specifications.

CEIs are not responsible for determining erosion and sediment control BMPs or methodology. The contractor is responsible for ensuring permit (ERP and NPDES) and Section 104 compliance. The use of additional BMPs must be approved by the Engineer.

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