

A d d e n d u m

Iowa Department of Transportation
Office of Contracts

Date of Letting: August 20, 2013
Date of Addendum: August 16, 2013

B.O.	Proposal ID	Proposal Work Type	County	Project Number	Addendum
151	25-1416-072	HMA PAVED SHOULDER - NEW	DALLAS	HSIPX-141-6(72)--3L-25	20AUG151.A02

Notice: Only the bid proposal holders receive this addendum and responsibility for notifying any potential subcontractors or suppliers remains with the proposal holder.

Make the following changes to the PROPOSAL SCHEDULE OF PRICES:

Add Proposal Line No. 0381 2601-2634100 MULCHING 2.200 ACRE

Add Proposal Line No. 0382 2601-2636015 NATIVE GRASS SEEDING 0.400 ACRE

Add Proposal Line No. 0383 2601-2636043 SEEDING AND FERTILIZING (RURAL) 1.800 ACRE

Add Proposal Line No. 0384 2601-2642100 STABILIZING CROP - SEEDING AND FERTILIZING 2.200 ACRE

If the above change is not made, it will be made as shown here.

Add the following to the PROPOSAL SPECIAL PROVISIONS TEXT and the PROPOSAL SPECIAL PROVISIONS LIST:

410.11 A STORM WATER POLLUTION PREVENTION PLAN HAS BEEN DEVELOPED FOR ONE OR MORE PROJECTS ON THIS CONTRACT

*** STORM WATER POLLUTION PREVENTION PLAN ***

A Storm Water Pollution Prevention Plan has been developed by the Contracting Authority for one or more projects on this contract. See the project plans (or other contract document) for specific Storm Water Pollution Prevention Plan details.

Make the following changes to the PLAN, Sheet Number C.2: ESTIMATE REFERENCE INFORMATION:

2601-2636015 NATIVE GRASS SEEDING

The seed mixture on table 2601.03-5 shall be used in all areas outside 8 foot adjacent to the shoulder or areas designated by the engineer.

All seed for "Native Grass Seeding" shall be supplied by the contractor and applied with a native grass drill with no-till attachment. Two passes will be required when drilling. The second pass shall be offset from the first pass. All forb seed should be applied through the native grass drill wildflower or small seed box. Forb seed will not be allowed to be mixed and applied with the native grass seed.

If seed is mixed on site and used immediately, bagging and related activities do not apply.

No fertilizer will be required.

Furnishing the required storage facilities, mixing, and related activities shall be incidental to this item with no extra compensation allowed.

The Engineer will flag the seeding limits and review the limits prior to seeding with the Contractor.

2601-2636043 SEEDING AND FERTILIZING (RURAL)

The seed mixture on Table 2601.03-3 shall be used in all areas 8 foot adjacent to the shoulder and medians or areas designated by the Engineer per Table 2601.03-3.

Make the following changes to the PLAN, Sheet Number C.3:

Delete Standard Note 232-3A, EROSION CONTROL (RURAL SEEDING) from the sheet.

Make the following changes to the PLAN:

Add the attached SHEET C.11

POLLUTION PREVENTION PLAN

of the Clean Water Act.

2. OTHER CONTROLS

a. Contractor disposal of unused construction materials and construction material wastes shall comply with applicable state and local waste disposal, sanitary sewer, or septic system regulations. In the event of a conflict with other governmental laws, rules and regulations, the more restrictive laws, rules or regulations shall apply.

1) Vehicle Entrances and Exits - Construct and maintain entrances and exits to prevent tracking of sediments onto roadways.

2) Material Delivery, Storage and Use - Implement practices to prevent discharge of construction materials during delivery, storage, and use.

3) Stockpile Management - Install controls to reduce or eliminate pollution of storm water from stockpiles of soil and aggregate.

4) Waste Disposal - Do not discharge any materials, including building materials, into waters of the state, except as authorized by a Section 404 permit.

5) Spill Prevention and Control - Implement procedures to contain and clean-up spills and prevent material discharges to the storm drain system and waters of the state.

6) Concrete Residuals and Washout Wastes - Designate temporary concrete washout facilities for rinsing out concrete trucks. Provide directions to truck drivers where designated washout facilities are located.

7) Vehicle and Equipment Cleaning - Employ washing practices that prevent contamination of surface and ground water from wash water.

8) Vehicle and Equipment Fueling and Maintenance - Perform on site fueling and maintenance in accordance with all environmental laws such as proper storage of on-site fuels and proper disposal of used engine oil or other fluids on site.

9) Litter Management - Ensure employees properly dispose of litter.

3. Apply the State or Local Pollution Prevention Ordinance for this construction, it is possible that situations will arise where unknown materials will be encountered. Where such situations are encountered, they will be handled according to all Federal, state, and local regulations in effect at the time.

IV. MAINTENANCE PROCEDURES

The contractor is required to maintain all temporary erosion and sediment control measures in proper working order, including cleaning, repairing, or replacing them throughout the contract period. This shall begin when the features have lost 50% of their capacity.

V. INSPECTION REQUIREMENTS

A. Inspections shall be made jointly by the contractor and the contracting authority at least once every seven calendar days. Storm water monitoring inspections will include:

1. Date of inspection.
2. Name of inspector.
3. Name and qualifications of the personnel making the inspection.
4. Rainfall amount.
5. Review erosion and sediment control measures within disturbed areas for the effectiveness in preventing impacts to receiving waters.
6. Major observations related to the implementation of the PPP.
7. Identify corrective actions required to maintain or modify erosion and sediment control measures.

B. Include storm water monitoring inspection reports in the Amended PPP. Incorporate any additional erosion and sediment control actions determined as a result of the inspection. Immediately begin corrective actions on all deficiencies found and complete all actions within 3 calendar days of the inspection.

VI. NON-STORM WATER DISCHARGES

This includes subsurface drains (i.e. longitudinal and standard subdrains) and slope drains. The velocity of the discharge from these features may be controlled by the use of parlor blocks, Class A stone, erosion stone or other appropriate materials.

VII. POTENTIAL SOURCES OF OFF RIGHT-OF-WAY (ROW) POLLUTION

Potential sources of pollution located outside highway ROW are beyond the control of this PPP. Pollution within highway ROW will be conveyed and controlled per this PPP.

VIII. DEFINITIONS

A. Base PPP - Initial Pollution Prevention Plan.

B. Amended PPP - May include Plan Revisions or Contract Modifications for new items and fieldbook entries made by the Inspector.

C. IDR - Inspector's Daily Report - this contains the Inspector's daily diary and item postings.

D. Controls - Methods, practices, or measures to minimize or prevent erosion, control sedimentation, control storm water, or minimize contaminants from other types of waste or materials.

E. Signage Authority - Representative from Designer, Contractor/Subcontractor, or RCE/Inspector authorized to sign various storm water documents.

POLLUTION PREVENTION PLAN

This Base Pollution Prevention Plan (PPP) includes information on Roles and Responsibilities, Project Site Description, Controls, Maintenance Procedures, Inspection Requirements, Non-Storm Water Controls, Potential Sources of Off Right-of-Way Pollution, and Definitions. This plan references other documents rather than repeating the information contained in the documents. A copy of this Base Pollution Prevention Plan, amended as needed per Plan Revisions or by contract modification, will be readily available for review.

All contractors shall conduct their operations in a manner that controls pollutants, minimizes erosion, and prevents sediments from entering waters of the state and leaving the highway right-of-way. The prime contractor shall be responsible for compliance and implementation of the PPP for their entire contract. This responsibility shall be further shared with subcontractors whose work is a source of potential pollution as defined in this PPP.

I. ROLES AND RESPONSIBILITIES

A. Prepares Base PPP included in the project plan.

1. Prepares Notice of Intent (NOI) submitted to Iowa DNR.

2. Signature authority on the Base PPP and NOI.

B. Contractor/Subcontractor:

1. Affected contractors/subcontractors are co-permittees with the IDOT and will sign a certification statement adhering to the requirements of the NPDES permit and this PPP plan. All co-permittees are legally required under the Clean Water Act and the Iowa Administrative Code to ensure compliance with the terms and conditions of this PPP.
2. Obtain a detailed schedule according to Article 2692 of the Specifications and any additional plan notes.
3. Supervise and implement good housekeeping practices.
4. Supervise and implement good housekeeping practices.
5. Conduct joint required inspections of the site with inspection staff.
6. Signature authority on Co-Permittee Certification Statements and storm water inspection reports.

C. RCE/Inspector:

1. Update PPP whenever there is a change in design, construction, operation or maintenance, which has a significant effect on the discharge of pollutants from the project.
2. Maintain an up-to-date list that identifies contractors and subcontractors as co-permittees.
3. Conduct joint required inspections of the site with the contractor/subcontractor.
4. Complete an inspection report after each inspection.
5. Signature authority on storm water inspection reports and Notice of Discontinuation (NOD).

II. PROJECT SITE DESCRIPTION

A. This Pollution Prevention Plan (PPP) is for the construction of paved shoulders, granular shoulders, two-left turn lanes, guardrail installations, and HMA resurfacing of one ramp on IA 141, from IA 37 in Granger to IA 44 in Grimes.

B. The PPP covers approximately 389 acres with an estimated 1.0 acres being disturbed. The portion of the PPP covered by this contract has 1.0 acres disturbed.

C. The PPP is located in an area of one soil association (Clanion-Nicollet-Webster).

D. Storm Water Site Map - Multiple sources of information comprise the base storm water site map including:

1. Drainage patterns - Plan and Profile sheets and Situation plans.
2. Proposed Slopes - Cross Sections.
3. Areas of Soil Disturbance - construction limits shown on Plan and Profile sheets.
4. Locations of Non-Structural Controls - Tabulations on C sheets.
5. Locations of Structural Controls - Tabulations on C sheets.
6. Locations of Stabilization Practices - generally within construction Limits shown on Plan and Profile sheets.
7. Surface Waters (including wetlands) - Plan and Profile sheets.
8. Locations where storm water is discharged - Plan and Profile sheets.

E. The base site map is amended by contract modifications and progress payments of completed erosion control work.

F. Runoff from this work will flow into road ditches to Little Beaver Creek to Beaver Creek to the Des Moines River.

III. CONTROLS

A. The contractor's work plan and sequence of operations specified in Article 2692.03 for accomplishment of storm water controls should clearly describe the intended sequence of major activities and for each activity define the control measure and the timing during the construction process that the measure will be implemented.

B. Preserve vegetation in areas not needed for construction.

C. Section 2691 and 2692 of the Standard Specifications define requirements to implement erosion and sediment control measures. Actual quantities used may vary from the Base PPP and amendment of the plan will be documented via fieldbook entries or by contract modification. Additional erosion and sediment control items may be required as determined by the inspector and/or contractor during storm water monitoring inspections. If the work involved is not applicable to any contract items, the work will be documented in the Storm Water Monitoring Inspection Report (IAP-03 paragraph 6).

I. EROSION AND SEDIMENT CONTROLS

a. Stabilization Practices

- 1) Site plans will ensure that existing vegetation is preserved where attainable and disturbed portions of the site will be stabilized.
- 2) Stabilization measures shall be initiated as soon as practicable in portions of the site where construction activities have temporarily or permanently ceased.
- 3) Temporary stabilizing seeding shall be completed as the disturbed areas are constructed. If construction activity is not completed within 14 days, other stabilization methods shall be used. Seeding shall be used within the same time period within 14 days after other stabilization methods shall be used. Seeding shall be used within the same time period.
- 4) Stabilization measures to be used for this project are located in the Estimated Project Quantities (100-1A) and Estimate Reference Information (100-4A) located on the C sheets of the plan. Additional items may be found in the Inspector's Daily Reports (IDR) or Contract Modifications.

b. Structural Practices

- 1) Structural practices will be implemented to divert flows from exposed soils and detain or otherwise limit runoff and the discharge of pollutants from exposed areas of the site.
- 2) Structural items to be used for this project are located in the Estimated Project Quantities (100-1A) and Estimate Reference Information (100-4A) located on the C sheets of the plan. Additional items may be found in the Inspector's Daily Reports (IDR) or Contract Modifications. Typical drawings detailing construction of the devices to be used on this project can be found on the 8 sheets of the plan or are referenced in the Standard Road Plans Tabulation.

c. Storm Water Management

- 1) Measures shall be installed during the construction process to control pollutants in storm water discharges that will occur after construction operations have been completed. The installation of these devices may be subject to Section 494