

# A d d e n d u m

Iowa Department of Transportation  
Office of Contracts

Date of Letting: November 17, 2015  
Date of Addendum: October 29, 2015

<b>B.O.</b>	<b>Proposal ID</b>	<b>Proposal Work Type</b>	<b>County</b>	<b>Project Number</b>	<b>Addendum</b>
102	67-C067-076	PCC PAVEMENT - REPLACE	MONONA	FM-C067(76)--55-67	17NOV102.A01

Make the following changes to the PROPOSAL SCHEDULE OF PRICES:

Change Proposal Line No. 0030 2105-8425015 TOPSOIL, STRIP, SALVAGE, AND SPREAD:  
From: 2,196.000 CY  
To: 2,339.000 CY

Change Proposal Line No. 0040 2109-8225100 SPECIAL COMPACTION OF SUBGRADE:  
From: 163.670 STA  
To: 164.530 STA

Change Proposal Line No. 0050 2115-0100200 MODIFIED SUBBASE, PLACE ONLY:  
From: 5,666.200 CY  
To: 5,709.500 CY

Change Proposal Line No. 0060 2121-7425020 GRANULAR SHOULDERS, TYPE B:  
From: 7,825.400 TONS  
To: 8,847.800 TONS

Delete Proposal Line No. 0070 2121-7425022 GRANULAR SHOULDERS, TYPE B, PLACE ONLY; 2,829.300 TON

Change Proposal Line No. 0090 2301-1033080 STANDARD OR SLIP FORM PORTLAND CEMENT CONCRETE PAVEMENT, CLASS C, CLASS 3 DURABILITY, 8IN.:  
From: 40,191.100 SY  
To: 44,037.200 SY

Change Proposal Line No. 0150 2510-6750501 REMOVAL AND CRUSHING OF PAVEMENT:  
From: 40,325.100 SY  
To: 40,332.300 SY

Change Proposal Line No. 0200 2527-9263109 PAINTED PAVEMENT MARKING, WATERBORNE OR SOLVENT-BASED:  
From: 131.330 STA  
To: 133.490 STA

Change Proposal Line No. 0260 2602-0000020 SILT FENCE:  
From: 16,770.000 LF  
To: 16,932.000 LF

Change Proposal Line No. 0280 2602-0000071 REMOVAL OF SILT FENCE OR SILT FENCE FOR DITCH CHECKS:  
From: 17,190.000 LF  
To: 17,352.000 LF

Change Proposal Line No. 0290 2602-0000101 MAINTENANCE OR SILT FENCE OR SILT FENCE FOR DITCH CHECK:  
From: 1,719.000 LF  
To: 1,735.000 LF

Add Proposal Line No. 0311 2599-9999003 GRANULAR SHOULDERS, TYPE B, PLACE ONLY; 1,012.600 CY

If the above changes are not made, they will be made as shown here.

Replace plan sheets C.2, C.4, C.6, & C.7 with the attached plan sheets:

**Estimate Reference Information [Sheet C.2]**

- Remove description for Item No. 7, Granular Shoulders, Type B, Place Only
- Revise description for Item No. 8, sentence one, paragraph one, to the following:

“REFER TO TABULATION 112-9 ON SHEET C.6 FOR ADDITIONAL INFORMATION.”

- Revise description for Item No. 9, sentence four, paragraph two, to the following:  
“CONNECT TO EXISTING PAVEMENT AT STA. 164+84 WITH A “RT” JOINT.”
- Revise description for Item No. 11, sentence one, paragraph one, to the following:

“REFER TO TABULATION 112-7 ON SHEET C.4 FOR DETAILS AND LOCATIONS.”

- Add the following description for Item No. 32, Granular Shoulders, Type B, Place Only:

“REFER TO TABULATION 112-9 ON SHEET C.6 FOR ADDITIONAL INFORMATION. MEASUREMENT SHALL COMPLY WITH ARTICLE 2128.04, C. PAYMENT SHALL COMPLY WITH ARTICLE 2128.05. ALL OTHER ARTICLES OF SECTION 2121 SHALL APPLY.”

**Supplementary Tabulations [Sheet C.4]**

- Change the ‘CY’ quantity to 5687.6 CY and ‘TON’ quantity to 10,365.7 TON under the ‘Quantity’ column in Tabulation 103-3, Proposed Subgrade Treatment.
- Change the ‘CY’ quantity to 6722.1 CY under the ‘Quantity’ – ‘Available From’ column in Tabulation 103-3, Proposed Subgrade Treatment.

**Supplementary Tabulations [Sheet C.6]**

- Change the ‘CY’ quantity to 506.3 CY under the ‘Modified Subbase’ column for the E34 EB and WB rows between stations 1+00.00 to 164+84.00 in Tabulation 112-9, Shoulders.

**Pollution Prevention Plan [Sheet C.7]**

Revise Project Site Description, Article II, subpart B, to the following:

“This PPP covers approximately 15.7 acres with an estimated 2.9 acres being disturbed. The portion of the PPP covered by this contract has 2.9 acres disturbed.”





- 1 Lane(s) to which the shoulder is adjacent.
- 2 Bid Item
- 3 Applies only for Paved Shoulders constructed on project with existing granular base.
- 4 Does not include shrink.

Calculations assume a 100 unit weight (lbs/cf) of 147, a Special Backfill unit

Road Identification	Direction of Traffic	Station to Station	Side	P		G	
				Width	FT	Width	FT
E34	WB	1+37.29	1+00.00 RT				4.4
E34	WB	1+43.73	1+00.00 LT				4.4
E34	EB	1+00.00	164+84.00 RT				6.4
E34	WB	1+00.00	164+84.00 LT				6.4



### POLLUTION PREVENTION PLAN

This Base Pollution Prevention Plan (PPP) includes information on Roles and Responsibilities, Project Site Description, Controls, Maintenance Procedures, 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. 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 requirements of the NPDES permit to comply with the conditions of the permit, including the conditions of this PPP plan.
  - B. Submit a detailed schedule according to Article 2602 of the Specifications and any additional plan notes.
  - C. Install and maintain appropriate controls.
  - D. Supervise and implement good housekeeping practices.
  - E. Conduct joint required inspections of the site with inspection staff.
  - F. Signature authority on Co-Permittee Certification Statements and storm water inspection reports.
1. Prepare Base PPP included in the project plan.
  2. Prepare Notice of Intent (NOI) submitted to Iowa DNR.
  3. Signature authority on the Base PPP and NOI.
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  - B. Submit a detailed schedule according to Article 2602 of the Specifications and any additional plan notes.
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1. Prepare Base PPP included in the project plan.
  2. Prepare Notice of Intent (NOI) submitted to Iowa DNR.
  3. Signature authority on the Base PPP and NOI.

#### II. PROJECT SITE DESCRIPTION

A. This Pollution Prevention Plan (PPP) is for the construction of a BCC Paying on Monona County Highway E34. The PPP covers approximately 15.7 acres with an estimated 2.9 acres being disturbed. The portion of the PPP is located in an area of two soil associations (Monona-Iowa-Napier and Ida-Hamburg).

B. 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. Location of Structural Controls - Tabulations on C sheets.
5. Locations of Stabilizing Practices - Tabulations on C sheets.
6. Locations of Stabilizing Practices - geotextiles within this sheet.
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 Cottonwood Creek.

#### III. CONTROLS

- A. The contractor's work plan and sequence of operations specified in Article 2602.03 for accomplishment of storm water controls during the construction process that the measure will be implemented.
  - B. Preserve vegetation in areas not needed for construction.
  - C. Section 2601 and 2602 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 contractor during storm water monitoring inspections. If the work involved is not applicable to any contract items, the work will be paid for according to Article 1109.03 paragraph B.
1. 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. On measures shall be initiated as soon as practicable in portions of the site where construction activities have temporarily or permanently ceased.
      - 2) Temporary stabilizing seeding shall be completed as the disturbed areas are constructed. If construction activity is not planned to occur in a disturbed area for at least 21 days, the area shall be stabilized by temporary seeding or mulching within 14 days. Other stabilizing methods shall be used outside the seeding time period.
      - 3) 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 Reference Information (100-4B) 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, as well as all other item specific Tabulations. Typical drawings detailing construction of the devices to be used on this project can be found on the B sheets of the plan.
  2. 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 404 of the Clean Water Act.

### POLLUTION PREVENTION PLAN

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, storage, and use.
- 2) 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 wash water.
- 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 environment.
- 6) Concrete Residuals and Washout Wastes - Designate temporary concrete washout facilities for rinsing out concrete trucks.
- 7) Provide directions to truck drivers where designated washout facilities are located.
- 8) Vehicle and Equipment Cleaning - Employ washing practices that prevent contamination of surface and ground water from wash water.
- 9) Vehicle and Equipment Fueling and Maintenance - Perform on site fueling and maintenance in accordance with all applicable laws such as proper storage of inside fluids and proper disposal of used engine oil or other fluids on site.
- 10) Fuel and Oil - All employees properly dispose of litter.

3. APPROVED STATE OR LOCAL PLANS

During the course of this construction, it is possible that situations will arise where unknown materials will be encountered. When 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 inspections will include:

1. Date of the inspection.
2. Summary of the scope of the inspection.
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. 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 measures 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 patio blocks, Class A stone, erosion stone or other appropriate materials.

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

Silts, sediment, and other forms of pollution may be transported onto highway right-of-way (ROW) as a result of a storm event. 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 other pollution.
- E. Signature Authority - Representative from Designer, Contractor/Subcontractor, or RCE/Inspector authorized to sign various storm water documents.

#### IX. CERTIFICATION STATEMENT

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with the requirements of applicable law. I am a duly licensed professional engineer or geologist in the State of Iowa, and I am a duly licensed professional engineer or geologist in the State of Iowa, and I am directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

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Signature \_\_\_\_\_

Printed or Typed Name \_\_\_\_\_