

A d d e n d u m

Iowa Department of Transportation
Office of Contracts

Date of Letting: April 21, 2015
Date of Addendum: March 31, 2015

B.O.	Proposal ID	Proposal Work Type	County	Project Number	Addendum
023	98-0096-063	RCB CULVERT REPLACEMENT - SINGLE BOX	WORTH	BRFN-009-6(63)--39-98	21APR023.A01

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. Add the attached Railroad Data Sheet to the Proposal

Make the following change to the PLAN:

SHEET A.1:

Replace Plan Sheet A.1 with the attached Plan Sheet A.1. Revised the INDEX OF SHEETS to include sheet C.7 Pollution Prevention Plan. Revised the ROADWAY DESIGN signature block to include sheet C.7.

SHEET C.2

Replace Tab. 111-25 INDEX OF TABULATIONS with the attached Tab. 111-25 INDEX OF TABULATIONS. Added Tabulation 110-12A POLLUTION PREVENTION PLAN to Tabulation 111-25.

SHEET C.7

Add the attached Plan Sheet C.7. Added Tabulation 110-12A POLLUTION PREVENTION PLAN.

INDEX OF SHEETS

No.	DESCRIPTION
A Sheets	Title Sheets
A.1	Title Sheet
B Sheets	Typical Cross Sections and Details
B.1 - 2	Typical Cross Sections and Details
C Sheets	Quantities and General Information
C.1	Project Description
C.1	Estimated Roadway Quantities
C.1 - 2	Estimate Reference Information
C.2	Standard Road Plans
C.2	Index of Tabulations
C.3	General Notes
C.3 - 6	Tabulations
C.7	Pollution Prevention Plan
D Sheets	Mainline Plan and Profile Sheets
* D.1	Plan & Profile Legend & Symbol Information Sheet
* D.2	Iowa 9
G Sheets	Survey Sheets
G.1 - 2	Reference Ties and Bench Marks
G.3	Horizontal Control Tab. for all Alignments
H Sheets	Right-of-Way Sheets
* H.2	Iowa 9
J Sheets	Traffic Control and Staging Sheets
* J.1	Traffic Control Plan
T Sheets	Earthwork Quantity Sheets
T.1	Earthwork Quantity Sheets
U Sheets	500 Series, Mod.Stds. and Detail Sheets
U.1	Modified Standard Road Plan PR-120
W Sheets	Mainline Cross Sections
W.1	Cross Sections Legend & Symbol Information Sheet
W.2 - 5	Mainline Cross Sections
	* Color Plan Sheets



ROADWAY DESIGN

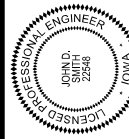
I hereby certify that this engineering document was prepared by me or under my direct personal supervision and that I am a duly licensed Professional Engineer under the laws of the State of Iowa.

John D. Smith
Signature Date **3/23/15**

JOHN D. SMITH
Printed or Typed Name

My license renewal date is December 31, 20 15

Pages on sheets covered by this seal: A.1, B.1-B.2, C.1-C.7, D.1-D.2, G.1-G.3
I&L J.1, L.1, W.1, W.1-45



FILE NO. **30999**

ENGLISH

DESIGN TEAM **Iowa DOT/MDR**

WORTH COUNTY

PROJECT NUMBER

BRFN-009-6(63)-39-98

SHEET NUMBER **A.1**

INDEX OF TABULATIONS

Tabulation	Tabulation Title	Sheet No.
C Sheets		
100-0A	ESTIMATED ROADWAY QUANTITIES (1 DIVISION PROJECT)	C.1
100-1D	PROJECT DESCRIPTION	C.1
100-4A	ESTIMATE REFERENCE INFORMATION	C.1 - C.2
100-14	SILT BASINS	C.6
100-17	TABULATION OF SILT FENCES	C.6
100-18	TABULATION OF SILT FENCES FOR DITCH CHECKS	C.6
100-19	PERIMETER AND SLOPE SEDIMENT CONTROL DEVICE	C.6
100-23	ROCK EROSION CONTROL	C.6
100-24	PCC PAVEMENT	C.4
100-27	PAVEMENT SMOOTHNESS + PCC TEXTURE	C.3
102-5	EXISTING PAVEMENT	C.3
103-4	TABULATION OF SPREADING TOPSOIL	C.5
103-6	EMBANKMENT WITH MOISTURE CONTROL	C.5
103-7	SHRINKAGE DATA	C.5
104-4	DRAINAGE STRUCTURES BY CULVERT CONTRACTOR	C.5
104-5C	LIST OF SUBDRAIN WORK	C.5
105-4	STANDARD ROAD PLANS	C.2
108-13A	SAFETY CLOSURES	C.5
108-22	PAVEMENT MARKING LINE TYPES	C.6
110-1	REMOVAL OF PAVEMENT	C.3
110-12A	POLLUTION PREVENTION PLAN	C.7
110-17	CLEARING AND GRUBBING	C.3
111-25	INDEX OF TABULATIONS	C.2
112-9	SHOULDERS	C.4
232-3A	EROSION CONTROL (RURAL SEEDING)	C.3
232-3C	EROSION CONTROL (NATIVE GRASS SEEDING)	C.3
232-10	EMERALD ASH BORER	C.3
232-11	EROSION CONTROL (STABILIZING CROP SEEDING)	C.3
262-6	UTILITIES (NOT A POINT 25 PROJECT)	C.3
281-1	SECTION 404 PERMIT AND CONDITIONS	C.3

POLLUTION PREVENTION PLAN

This Base Pollution Prevention Plan (PPP) includes information on Roles, Responsibilities, Project Site Description, Controls, Maintenance, and Reporting. The information on Roles and Responsibilities is contained in the attached 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 maintenance of the plan. 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. Designer:
 - 1. Base PPP included in the project plan.
 - 2. Prepares Notice of Intent (NOI) submitted to Iowa DNR.
- 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. Install and maintain appropriate controls.
 - 3. Supervise and implement good housekeeping practices.
 - 4. Conduct joint required inspections of the site with inspection staff.
- C. RCE/Inspector:
 - 1. Signature authority on Co-Permittee Certification Statements and storm water inspection reports.
 - 2. Maintain an up-to-date list that identifies contractors and subcontractors as co-permittees.
 - 3. Make these plans available to the DNR upon their request.
 - 4. Conduct joint required inspections of the site with the contractor/subcontractor.
 - 5. Complete an inspection report after each inspection.
 - 6. 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 a single box RCB culvert replacement.
- B. This PPP covers approximately 1.2 acres with an estimated 1.2 acres being disturbed. The portion of the PPP covered by this contract has 1.2 acres disturbed.
- C. The PPP is located in an area of two soil associations (Clarton-Nicollet-Webster and Kenyon-Clyde-Floyd).
- D. The estimated average SCS runoff curve number for this PPP after completion will be 73.
- E. 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 Practices - Tabulations on C sheets.
 - 5. Locations of Stabilization Practices - generally within construction limits shown on Plan and Profile sheets.
 - 6. Surface Waters (including wetlands) - Plan and Profile sheets.
 - 7. Locations where storm water is discharged - Plan and Profile sheets.
- F. The base site map is amended by contract modifications and progress payments of completed erosion control work.
- G. Runoff from this work will flow into an unnamed tributary of Spring Creek.

III. CONTROLS

- A. The contractor's work plan and sequence of operations specified in Article 2602.03 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. 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 paid for according to Article 1109.03 paragraph B.
 - 1. EROSION AND SEDIMENT CONTROLS
 - a. Stabilization Practices
 - 1) Stabilization 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 soon as practicable in portions of the site where construction activities planned to occur in a disturbed area for at least 21 days, the area shall be stabilized by temporary seeding or mulching.
 - 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 erosion control 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.
 - 2) Typical drawings detailing construction of the devices to be used on this project can be found on the B sheets of the plan or are referenced in the Standard Road Plans Tabulation.
- 2. Storm Water Management
 - 1) Measures shall be installed during the construction process to control pollutants in storm water discharges that will result from 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 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) Pavement 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 484 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) Vehicle Wash - 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 environmental laws such as proper storage of inside fuels and proper disposal of used engine oil or other fluids on site.
10) Environmental Cleanup - Ensure employees properly dispose of litter.

3. APPROVED SITE SPECIFIC LOCAL MAINTENANCE PROCEDURES

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

When such situations are encountered, they will be handled according to all federal, state, and local regulations in effect at the time.

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. 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

SLOTS, 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. Storm Water Monitoring - Inspections to prevent erosion, control sedimentation, control storm water, or minimize contaminants from other types of waste or materials.
- E. Signature Authority - Representative from Designer, Contractor/Subcontractor, or RCE/Inspector authorized to sign various storm water documents.

CERTIFICATION STATEMENT

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons 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.


Signature
John D. Smith
Printed on Typed Name