

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 30, 2015

B.O.	Proposal ID	Proposal Work Type	County	Project Number	Addendum
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.”

ESTIMATE REFERENCE INFORMATION

Item No.	Item Code	Description
1	2101-8850001	CLEARING AND GRUBBING THIS BID ITEM SHALL ONLY INCLUDE COSTS TO REMOVE VEGETATION AND ALL RUBBISH ENCOUNTERED IN THE RIGHT-OF-WAY AND WITHIN THE LIMITS OF CONSTRUCTION.
2	2102-2710070	EXCAVATION, CLASS 3B, ROADWAY AND BORROW FILLION IS REQUIRED. NO PAYMENT FOR OVERHAUL WILL BE ALLOWED. THE FOLLOWING QUANTITIES ARE INCLUDED IN THIS BID ITEM: 5476 CY OF CUT 1394 CY OF FILL INCLUDING 35% SHRINK 4882 CY OF WASTE
3	2105-8425015	TOPSOIL, STRIP, SALVAGE AND SPREAD NO PAYMENT FOR OVERHAUL WILL BE ALLOWED. NUMBER OF CUBIC YARDS OF TOPSOIL STRIPPED IS COMPUTED ON THE BASIS OF A UNIFORM 6 INCH CUT.
4	2109-8225100	SPECIAL COMPACTOR OF SUBGRADE REFER TO TYPICAL SECTIONS AND NOTES ON SHEET B.1 FOR ADDITIONAL INFORMATION. COMPACT SUBGRADE TO NO LESS THAN 95% OF MAXIMUM STANDARD PROCTOR DENSITY AS DETERMINED BY MATERIALS LABORATORY TEST METHOD NO. IOWA 103.
5	2115-0100200	MODIFIED SUBBASE, PLACE ONLY REFER TO TYPICAL SECTIONS AND NOTES ON SHEET B.1 AND TABULATION 103-3 ON SHEET C.4 FOR ADDITIONAL INFORMATION. MODIFIED SUBBASE SHALL CONSIST OF CRUSHED PAVEMENT REMOVED FROM THE EXISTING ROADWAY.
6	2121-7425020	GRANULAR SHOULDERS, TYPE B REFER TO TYPICAL SECTIONS ON SHEET B.1 AND TABULATION 112-9 ON SHEET C.6 FOR ADDITIONAL INFORMATION. SHOULDERS SHALL CONSIST OF A MINIMUM 2 INCH TOP LAYER OF CLASS A CRUSHED STONE WHEN USING RECYCLED PCC PAVEMENT FOR A BASE. IF QUANTITY OF EXCESS RECYCLED MATERIAL IS NOT SUFFICIENT TO COVER THE ENTIRETY OF THE PROJECT, THEN FULL DEPTH CLASS A CRUSHED STONE SHALL BE USED.
7		CONTRACTOR SHALL NOT STOCK PILE ANY MATERIAL WITHOUT OBTAINING THE COUNTY ENGINEER'S APPROVAL.
8	2123-7425020	SHOULDER ENHANCING, EARTH REFER TO TABULATION 112-9 ON SHEET C.6 FOR ADDITIONAL INFORMATION.
9	2301-1033000	STANDARD OR SLIP FORM PORTLAND CEMENT CONCRETE PAVEMENT, CLASS C, CLASS 3 DURABILITY, 8 IN. REINFORCING STEEL SHALL BE PROVIDED ALONG ENTIRE 8' PCC PAVEMENT SECTION. BID ITEM INCLUDES THE COST TO FURNISH AND INSTALL ALL REINFORCING STEEL.
10	2301-6911222	PORTLAND CEMENT CONCRETE PAVEMENT SAMPLES
11	2301-9092100	BUMBLE STRIP PANELS - (PCC - SURFPAVE) REFER TO TABULATION 112-7 ON SHEET C.4 FOR DETAILS AND LOCATIONS.
12	2312-8240051	GRANULAR SURFACING ON ROAD, CLASS A CRUSHED STONE BID ITEM IS FOR RESURFACING OF INTERSECTING ROADS AFFECTED BY CONSTRUCTION. MINIMUM THICKNESS OF GRANULAR SURFACING SPREAD IN ALL CASES SHALL BE 6 INCHES. GRANULAR MATERIAL SHALL BE CLASS A CRUSHED STONE FROM AN IOWA DOT APPROVED SOURCE, NOT CRUSHED EXISTING ROADWAY PAVEMENT. REFER TO TABULATION 102-3 ON SHEET C.5 FOR DETAILS AND LOCATIONS. QUANTITIES ARE BASED ON MATCHING EXISTING DRIVEWAY WIDTHS MEASURED 10 FEET FROM EDGE OF SHOULDER ON COUNTY HIGHWAY ESH.
13	2315-8275025	SURFACING, DRIVEWAY, CLASS A CRUSHED STONE BID ITEM IS FOR RESURFACING OF FIELD ENTRANCES AND DRIVEWAYS AFFECTED BY CONSTRUCTION. MINIMUM THICKNESS OF GRANULAR SURFACING SPREAD IN ALL CASES SHALL BE 6 INCHES. GRANULAR MATERIAL SHALL BE CLASS A CRUSHED STONE FROM AN IOWA DOT APPROVED SOURCE, NOT CRUSHED EXISTING ROADWAY PAVEMENT. REFER TO TABULATION 102-3 ON SHEET C.5 FOR DETAILS AND LOCATIONS. QUANTITIES ARE BASED ON MATCHING EXISTING DRIVEWAY WIDTHS MEASURED 10 FEET FROM EDGE OF SHOULDER ON COUNTY HIGHWAY ESH.
14	2316-7000110	PAYMENT ADJUSTMENT INCENTIVE/DISINCENTIVE FOR PCC PAVEMENT SMOOTHNESS (BY SCHEDULE) QUANTITY BASED ON EACH LANE WITH A LENGTH OF 3.12 MILES.
15	2510-6750001	REMOVAL AND CRUSHING OF PAVEMENT REFER TO TABULATION 101-1 ON SHEET C.4 FOR DETAILS AND LOCATIONS. EXISTING PAVEMENT SHALL BE CRUSHED FOR USE AS MODIFIED SUBBASE AND SHALL MEET THE REQUIREMENTS OF GRADATION NO. 14. THE PERCENT PASSING THE NO. 200 SIEVE SHALL BE BETWEEN 3 TO 7 PERCENT. CONTRACTOR SHALL BE RESPONSIBLE FOR SECURING SITE(S) FOR CRUSHING AND STOCKPILING OPERATIONS. SEE TABULATION 102-5 ON SHEET C.4 FOR EXISTING PAVEMENT THICKNESSES.
16	2515-2475006	DRIVEWAY, P.C. CONCRETE, 6 IN. REFER TO SHEET C.5 FOR DETAILS AND LOCATIONS. CERTIFIED PLANT INSPECTION IS REQUIRED AND IS THE CONTRACTOR'S RESPONSIBILITY.

ESTIMATE REFERENCE INFORMATION

Item No.	Item Code	Description
17	2518-6910000	SAFETY CLOSURE THIS ITEM SHALL INCLUDE PROVIDING, INSTALLING, MAINTAINING AND REMOVING SAFETY CLOSURES ACCORDING TO IDOT STANDARD SPECIFICATIONS AT THE LOCATIONS INDICATED ON TABULATION 100-13A ON SHEET C.4. ITEM DOES NOT INCLUDE COST OF SAFETY FENCE.
18	2520-3350010	FIELD LABORATORY
19	2526-8285000	CONSTRUCTION SURVEY THE CONTRACTOR SHALL SUPPLY ALL SURVEYING SERVICES REQUIRED TO BUILD THE PROJECT ACCORDING TO PLAN.
20	2527-9263109	PAINTED PAVEMENT MARKING, WATERBORNE OR SOLVENT-BASED CENTERLINE AND NO PASSING ZONES SHALL BE MARKED AS PER STANDARDS SHOWN ON TABULATION 100-22 ON SHEET C.5. ENGINEER SHALL ASSIST CONTRACTOR IN MARKING LOCATIONS OF PAVEMENT MARKINGS. PROPOSED PAVEMENT MARKINGS HERE DETERMINED BY USING THE EXISTING PAVEMENT MARKINGS SURVEYED IN THE FIELD.
21	2528-8445110	TRAFFIC CONTROL INCLUDE FURNISHING, INSTALLING, MAINTAINING AND REMOVING STOVING AS PER THE "MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS" AS ADOPTED BY THE DEPARTMENT OF TRANSPORTATION AND ADMINISTRATIVE CODE (IAC) CHAPTER 130. REFER TO SHEETS 3.1 AND 3.2 FOR DETAILS.
22	2533-4980005	THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE FABRICATION, INSTALLATION, AND MAINTENANCE OF ALL DETOUR SIGNAGE ON THIS PROJECT.
23	2601-2634100	CONTRACTOR MAY PROPOSE SMALLER PHASING LIMITS TO EASE ACCESS FOR RESIDENTS AFFECTED BY CONSTRUCTION. CHANGES TO CONSTRUCTION PHASING SHALL BE APPROVED BY THE IOWA COUNTY ENGINEER IN WRITING.
24	2601-2636043	MORTELIZATION
25	2601-2642100	MULCHING BID ITEM DOES NOT INCLUDE CRUSHING OR STOCKPILE AREAS, WHICH SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.
26	2602-0000020	SEEDING AND FERTILIZING (RURAL) SEEDING SHALL MEET THE REQUIREMENTS SET FORTH IN IDOT 2015 STANDARD SPECIFICATIONS AND ANY APPLICABLE SUPPLEMENTAL SPECIFICATIONS. THE CONTRACTOR SHALL VERIFY WITH THE COUNTY ALL AREAS TO BE SEEDD PRIOR TO BEGINNING CONSTRUCTION. BID ITEM DOES NOT INCLUDE CRUSHING OR STOCKPILE AREAS, WHICH SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.
27	2602-0000030	STABILIZING CROP - SEEDING AND FERTILIZING BID ITEM DOES NOT INCLUDE CRUSHING OR STOCKPILE AREAS, WHICH SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.
28	2602-0000071	SILT FENCE REFER TO TABULATION 100-17 ON SHEET C.4 FOR LOCATIONS. THE TABULATION INCLUDES ESTIMATED LOCATIONS FOR PLACEMENT OF SILT FENCE TO ADDRESS POSSIBLE EROSION DURING CONSTRUCTION. VERIFY THE SPECIFIC LOCATIONS WITH THE ENGINEER PRIOR TO BEGINNING CONSTRUCTION. BID ITEM INCLUDES 25% ADDITIONAL QUANTITY FOR FIELD ADJUSTMENTS AND REPLACEMENTS. INSTALL SILT FENCE ALONG THE PERIMETER OF EXISTING RADIUS AT INTERSECTING ROADS, DRIVEWAYS, AND FIELD ENTRANCES TO MAINTAIN ACCESS.
29	2602-0000101	SILT FENCE FOR DITCH CHECKS REFER TO TABULATION 100-18 ON SHEET C.4 FOR LOCATIONS. THE TABULATION INCLUDES ESTIMATED LOCATIONS FOR PLACEMENT OF SILT FENCE FOR DITCH CHECKS TO ADDRESS POSSIBLE EROSION DURING CONSTRUCTION. VERIFY THE SPECIFIC LOCATIONS WITH THE ENGINEER PRIOR TO BEGINNING CONSTRUCTION. BID ITEM INCLUDES 50% ADDITIONAL QUANTITY FOR FIELD ADJUSTMENTS AND REPLACEMENTS.
30	2602-0010010	REMOVAL OF SILT FENCE OR SILT FENCE FOR DITCH CHECKS THIS ITEM IS INCLUDED FOR SILT FENCE AND SILT FENCE FOR DITCH CHECK REMOVAL REQUIRED FOR STAGING REASONS. PERMANENT GROWTH.
31	2602-0010020	MAINTENANCE OF SILT FENCE OR SILT FENCE FOR DITCH CHECK BID ITEM IS INCLUDED FOR MAINTAINING THE NEW SILT FENCE AND SILT FENCE DITCH CHECKS INSTALLED FOR THE PAINTING AND GRADING PROJECT.
32	2599-9999003	MORTELIZATIONS, EROSION CONTROL MORTELIZATIONS, EMERGENCY EROSION CONTROL GRANULAR SHOULDERS, TYPE B, PLACE ONLY REFER TO TABULATION 112-9 ON SHEET C.6 FOR ADDITIONAL INFORMATION. MEASUREMENT SHALL COMPLY WITH ARTICLE 218-04, C. PAYMENT SHALL COMPLY WITH ARTICLE 2128-05. ALL OTHER ARTICLES OF SECTION 2121 SHALL APPLY.

PROJECT DESCRIPTION

RECONSTRUCTION OF EXISTING PCC PAVEMENT ON MONONA COUNTY HIGHWAY E34 FROM PINE AVENUE TO STATE HIGHWAY 174. THIS PROJECT INCLUDES RECLAIMING OF EXISTING PCC PAVEMENT AS SUBBASE AND PAVING NEW 8" PCC PAVEMENT.

MONONA COUNTY PROJECT NUMBER: FHC007109-5657 SHEET NUMBER C.2 ESTIMATE REFERENCE INFORMATION REVISION

102-5
10-16-12

EXISTING PAVEMENT

No.	Location		Year	Type	Project Number	Surface		Base		Subbase		Removal		Durability Class	Reinforcement Type	Remarks
	County	Route				Dir. of Travel	Begin Milepost	End Milepost	Type	Depth IN	Type	Depth IN	Type			
B-01	Monona	C.H. E34	1973	V	S-751(1)--50-67	PCC	6									Sta. 13+73
B-02	Monona	C.H. E34	1973	V	S-751(1)--50-67	PCC	6									Sta. 26+83
B-03	Monona	C.H. E34	1973	V	S-751(1)--50-67	PCC	6.125									Sta. 39+66
B-04	Monona	C.H. E34	1973	V	S-751(1)--50-67	PCC	6									Sta. 53+44
B-05	Monona	C.H. E34	1973	V	S-751(1)--50-67	PCC	6									Sta. 66+65
B-06	Monona	C.H. E34	1973	V	S-751(1)--50-67	PCC	5.875									Sta. 79+82
B-07	Monona	C.H. E34	1973	V	S-751(1)--50-67	PCC	5.75									Sta. 106+39
B-08	Monona	C.H. E34	1973	V	S-751(1)--50-67	PCC	6									Sta. 119+44
B-09	Monona	C.H. E34	1973	V	S-751(1)--50-67	PCC	6									Sta. 132+55
B-10	Monona	C.H. E34	1973	V	S-751(1)--50-67	PCC	6.25									Sta. 145+92
B-11	Monona	C.H. E34	1973	V	S-751(1)--50-67	PCC	6.25									Sta. 159+51
B-12	Monona	C.H. E34	1973	V	S-751(1)--50-67	PCC	6.25									

103-3
10-16-12

PROPOSED SUBGRADE TREATMENT

No.	Location		Description		Type	Material	Shrink %	Quantity	Polymer Grid	Quantity	Location or Station to Station	Remarks
	Begin Station	End Station	Side	Type								
1	+30.67	164+84.00	BOTH	9.3	MODIFIED SUBBASE (SEE ART. 4133)	0.00%	5,907.8	30M	0.0	5,907.8	+30.67 to 164+84.00	Crushed PCC from existing roadway

100-13
04-20-10

TABULATION OF SILT FENCES FOR DITCH CHECKS

Location Station	Side	Length LF	Remarks
22+65.00	RT	25.0	
32+15.00	RT	30.0	
32+15.00	RT	30.0	
42+87.00	RT	30.0	
43+47.00	LT	30.0	
77+70.00	LT	30.0	
78+20.00	LT	30.0	
113+45.00	LT	20.0	
113+45.00	LT	20.0	
129+25.00	LT	30.0	
129+25.00	LT	30.0	
141+45.00	LT	30.0	
141+45.00	LT	20.0	
142+20.00	RT	30.0	

100-17
04-20-10

TABULATION OF SILT FENCES

Begin Station	End Station	Side	Length LF	Remarks
26+65.00	34+65.00	RT	700.0	
26+65.00	34+65.00	LT	1000.0	
38+05.00	48+05.00	RT	1000.0	
38+05.00	48+05.00	LT	1000.0	
53+20.00	86+70.00	RT	3350.0	
53+20.00	86+70.00	LT	3350.0	
103+00.00	113+00.00	RT	1000.0	
103+00.00	113+00.00	LT	1000.0	
144+80.00	151+80.00	LT	700.0	
144+80.00	151+80.00	RT	700.0	
161+75.00	164+81.00	RT	306.0	
161+75.00	164+81.00	LT	306.0	

110-1
04-16-13

REMOVAL OF PAVEMENT

Begin Station	End Station	Side	Pavement Type	Area SY	Saw Cut* LF	Remarks
+30.67	164+84.00	RT	PCC	20109.6	22.0	DOES NOT INCLUDE INTERSECTION RETURN
+30.67	1+00.00	RT	PCC	78.8	35.3	INTERSECTION RETURN
+30.67	1+00.00	RT	PCC	34.3	19.6	INTERSECTION RETURN

111-25
10-18-11

INDEX OF TABULATIONS

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100-18	TABULATION OF SILT FENCES FOR DITCH CHECKS	C.4
100-19	EXISTING PAVEMENT	C.4
102-5	EXISTING PAVEMENT	C.4
103-3	PROPOSED SUBGRADE TREATMENT	C.4
108-13A	SAFETY CLOSURES	C.4
108-22	PAVEMENT MARKING LINE TYPES	C.4
110-1	REMOVAL OF PAVEMENT	C.4
110-12A	POLLUTION PREVENTION PLAN	C.7
111-25	INDEX OF TABULATIONS	C.4
112-7	RUMBLE STRIP PANELS	C.4

112-7
10-19-10

RUMBLE STRIP PANELS

Location Station	Side	Length LF	Remarks
7+25.00	LT	7+25.00	X

108-13A
08-01-08

SAFETY CLOSURES

Station	Road Qty.	Closure Qty.	Remarks
19+53.00	2	CH L20	
28+67.00	1	7TH STREET	
50+83.00	1	PEACH AVE	
159+29.00	2	SPRING AVE	
165+00.00	1	EAST ENTRANCE CH E34	

SHOULDERS

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

Calculations assume a IMA unit weight (lbs/cf) of 147, a Special Backfill unit weight (lbs/cf) of 148, and a Granular Shoulder unit weight (lbs/cf) of 148.

Road Identification	Location			Quantities												Remarks														
	Direction Of Traffic	Station to Station		Side	P	G	L	Class 13 Excavation		Binder	Paved Shoulder	Reinforced Paved Shoulder	Special Backfill				Modified Subbase	Granular Shoulder			Earth Shoulder Construction Alternates									
		(1)	(2)					(3)	(4)				IMA Alternate	PCC Alternate	TON			TON/STA	TON	TON/STA	TON	TON/STA	IMA	PCC	STA	TON/STA	TON	TON/STA	CY	TON/STA
E34	WB	137+29	1+00.00	RT			97.2											19.0		1.0										INCLUDES RADIUS
E34	EB	43.73	1+00.00	LT			91.7											18.3		0.9										INCLUDES RADIUS
E34	EB	1+00.00	164+84.00	RT		6.0	16384.0											5362.1		32.7										INCLUDES RADIUS
E34	WB	1+00.00	164+84.00	LT		6.0	16384.0											5362.1		32.7										INCLUDES RADIUS

506.3

506.3

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.
- G. 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.
- H. Maintain an up-to-date list that identifies contractors and subcontractors as co-permittees.
- I. Make these plans available to the DNR upon their request.
- J. Conduct joint required inspections of the site with the contractor/subcontractor.
- K. Complete an inspection report after each inspection.
- L. 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 BCC Paying on Monona County Highway E34.
- B. 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 (Monona-Ida-Napier and Ida-Hamburg). 
- C. The PPP is located in an area of two soil associations (Monona-Ida-Napier and Ida-Hamburg).
- 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. Location of Structural Controls - Tabulations on C sheets.
 5. Locations of Stabilizing Practices - Tabulations on C sheets.
 6. Locations of Stabilizing Practices - geotextiles within the 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 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.
- D. 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. All 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 (100-4b) located on the C Sheets of the plan. Additional items may be found in the Inspector's Reference Information (100-4a) 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.
 - 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 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 environmental 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 control pollutants.
- 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 the requirements of applicable law. I am a duly licensed professional engineer or geologist in the State of Illinois, and I am the duly qualified professional 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 _____

Printed or Typed Name _____