

STORM WATER POLLUTION PREVENTION PLAN

Route: FAP 685 Marked: IL RTE 9/96
 Section: 113B-4 Project No.:
 County: HANCOCK Contract No.: 72862
 Starting Station: 142+00.00 (Longitude: 40°37' 21.56"N Latitude: 91°14' 50.40"W)
 Ending Station: 154+00.00 (Longitude: 40°37' 23.92"N Latitude: 91°14' 32.51"W)

This plan has been prepared to comply with the provision of the NPDES Permit Number ILR10 _____ issued by the Illinois Environmental Protection Agency for storm water discharges from construction site activities.

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 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.

Roger L. Dziaskell
 (Signature)

Dec. 18, 2012
 (Date)

Region Four Engineer
 (Title)

Note: The above boxed in area will be filled out by IDOT - Construction after the award of the contract to obtain the required NPDES permit.

The following plan was established and included in these plans to direct the Contractor in the placement of temporary erosion control systems and to provide a storm water pollution prevention plan for compliance under NPDES. The Contractor shall abide to all requirements within this plan as part of the contract.

The purpose of this plan is to prevent / minimize siltation within the construction zone and to eliminate sediments from entering and leaving the construction zone by utilizing proper temporary erosion control systems and providing ground cover within a reasonable time.

Certain items, as shown in this plan and referenced by the legend, shall be placed by the Contractor at the beginning of construction. Other items shall be placed by the Contractor as directed by the Engineer on a case by case situation resulting from the Contractor's sequence of activities, time of the year, and expected weather conditions.

The Contractor shall place permanent erosion control systems and seeding within a reasonable amount of time; therefore, reducing the amount of area being open to the possibility of erosion and reducing the amount of temporary erosion control systems and temporary seeding. The Resident Engineer will determine if temporary erosion control systems shown in the plan can be deleted, the size of the proposed ditch checks, the proper method of installation, and if any additional temporary erosion control systems shall be added which are not included in this plan. The Contractor shall perform all work as directed by the Engineer and as shown in special details and in Standard 280001 of the plans.

All disturbed areas having high potential for erosion, as determined by the Engineer, shall be temporarily seeded or permanently seeded by October 1st of each construction year and shall not be reopened until after the winter shutdown period.

SITE DESCRIPTION

Description of Construction Activity:

1. The proposed project includes the removal of the existing structure (SN 034-0050) and the replacement with a double barrel 12' x 4.5' reinforced concrete box culvert (SN 034-2427) on a 15 degree skew.
2. Construction consists of grading, constructing new box culvert, HMA pavement, widening, HMA resurfacing, placing aggregate shoulders, and all other necessary work to complete the proposed improvements.

Description of Intended Sequence of Major Construction Activities Which Will Disturb Earth and Lead to Possible Erosion for Major Portions of the Construction Site:

Soil will be disturbed for the entire length of the project within the existing and proposed right-of-way.

1. Removal of the existing bridge and construction of the roadways and entrances.
2. Construction of the double barrel box culvert to carry existing drainage ditch under proposed Illinois Route 9/96, including staged construction and diversion necessary to maintain flow through the construction area.
3. Placement, maintenance, removal and proper clean-up of temporary erosion control, such as erosion control fence, hay or straw bale ditch checks, riprap ditch checks, sediment basins, temporary seeding, etc.
4. Placement of permanent erosion control, such as riprap ditch lining, riprap stilling basins, riprap dry dams, excelsior blanket, seeding, etc.
5. Final grading, paving and other miscellaneous items.

Area of Construction Site:

The total drainage area entering and including the construction site is estimated to be approx. 2.3 acres in which 1.7 acres will be disturbed by excavation, grading or other activities.


Other Reports, Studies and Plans which Aid in the Development of this Storm Water Pollution Prevention Plan as Referenced Documents:

1. After construction activities are completed, the weighted average of the runoff coefficient for this project will be 0.5.
2. The soil found in the project site includes Worthen silt loam, which is a well drained soil, and is present in slopes of 0 to 2 percent.
3. See the erosion control plans and/or drainage plans for this contract for information regarding drainage patterns, approximate slopes anticipated before and after major grading activities, locations where vehicles enter or exit the site and controls to prevent off site sediment tracking (to be added after contractor identifies locations), areas of soil disturbance, the location of major structural and non-structural controls identified in the plan, the location of areas where stabilization practices are expected to occur, surface waters (including wetlands) and locations where storm water is discharged to surface water including wetlands.

Drainage Tributaries Receiving Water from this Construction Site:

Unnamed Drainage Ditch; Mississippi River

FILE NAME = D672862-stwr-prevention.dgn
 PLOT DATE = 12/17/2012
 PLOT DRIVER = VBA_PDF_Plotter.dwg

 QUIGG ENGINEERING INC	USER NAME = mmenn FILE NAME = D672862-stwr-prevention.dgn PLOT SCALE = 40.0000' / 1"	DESIGNED - MCV DRAWN - CMM CHECKED - MTM DATE - 12/12	REVISED - REVISED - REVISED - REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	STORM WATER POLLUTION PREVENTION PLAN		F.A.P. RTE. 685	SECTION 113B-4	COUNTY HANCOCK	TOTAL SHEETS 57	SHEET NO. 30
	PLOT DATE = 12/17/2012	DATE - 12/12	SCALE: NONE		SHEET NO. 1 OF 4 SHEETS	STA. TO STA.	CONTRACT NO. 72862		ILLINOIS FED. AID PROJECT		