

STORM WATER POLLUTION PREVENTION PLAN

Route: FAP 315 Marked: US 136
 Section: (123)-1 Project No.: D-96-064-14
 County: MASON Contract No.: 72693
 Starting Station: 641+85 (Longitude: 40°18'11.93" Latitude: 89°49'37.05")
 Ending Station: 426+00 (Longitude: 40°18'16.95" Latitude: 89°41'58.92")

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.

Pop Z. Smith (Signature) 4-18-14 (Date)
Region 4 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

The proposed project is located on FAP 315 (US 136) in Mason County. The project limits run from approximately 1.2 miles east of IL 10 / US 136 to just west of IL 29 (south leg) / US 136, a project length of 6.72 miles.

Description of Construction Activity:

The proposed project consists of HMA shoulder improvements, left and right sides of mainline US 36. The proposed improvements consists of excavating and grading existing shoulders, 3' and 4' wide hma shoulders, 4' aggregate shoulders, concrete gutter removal, pavement marking as associated work.

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

- Proposed Earthwork (excavation, embankment) and concrete gutter removal will be completed in proposed cut and fill sections at various locations to allow for proper earthen ditch drainage and meet existing ditch flow elevations and drainage patterns. The various locations of proposed earthwork activities are as follows:
 Sta. 183±50 to Sta. 188±00 left
 Sta. 196±25 to Sta. 201±00 left
 Sta. 274±00 to Sta. 277±50 left Sta. 183±50 to Sta. 188±00 right
- Proposed Earthwork (excavation, embankment) for the placement of riprap, hma shoulder widening, and the installation of steel plate beam guardrail will be completed and final grading shall meet existing ditch flow elevations and drainage patterns. The various locations of activity for this proposed earthwork are as follows:
 Sta. 196±25 to Sta. 197±50 left
 Sta. 275±00 to Sta. 276±50 left Sta. 251±00 to Sta. 252±30 right
 Sta. 250±00 to Sta. 252±25 left Sta. 326±00 to Sta. 330±60 right
 Sta. 327±75 to Sta. 330±75 left
- Placement, maintenance, removal and proper clean-up of temporary erosion control measures such as temporary erosion barriers, ditch checks, etc.
- Placement of permanent erosion control, such as riprap for ditches and foreslopes, and permanent seeding.

Area of Construction Site:

The total earthwork area disturbed by excavation and grading for the placement of riprap, guardrail, and earthen ditches within the project limits is estimated to be approximately 1.6 acres.

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

Plan sheets indicating approximate earthwork slopes in the final project plans were utilized for proposed placement of the temporary erosion control measures.

Drainage Tributaries Receiving Water from this Construction Site:

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

STORM WATER POLLUTION
 PREVENTION PLAN

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
315	(123)-1	MASON	64	32
			CONTRACT NO. 72693	
ILLINOIS FED. AID PROJECT				

FILE NAME =	USER NAME = Stagliert	DESIGNED -	REVISED - AUG 2007 (JCN)
c:\pwworkspace\stagliert\10219881\DWG	***shc-SWPP.dgn	DRAWN - CADD	REVISED - OCT 2010 (JCN)
	PLOT SCALE = 100.0000' / 1" =	CHECKED - JCN	REVISED - MAY 2012 (JPM)
Default:SWPPLAN.DGN	PLOT DATE = Apr-18-2014 10:30:55AM	DATE - APRIL 5, 1999	REVISED -

SCALE: SHEET 1 OF 4 SHEETS STA. TO STA.