

STORM WATER POLLUTION PREVENTION PLAN

Route: FAI 55 Marked: I-55
 Section: D6 LOGAN CO BR 2011-1 Project No.:
 County: LOGAN Contract No.: 72E11
 Starting Station: 553+35.00 (Longitude: 89° 22' 18" W Latitude: 40° 10' 53" N)
 Ending Station: 507+61.92 (Longitude: 89° 15' 36" W Latitude: 40° 15' 36" N)

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. Driskell 4/25/13
 (Signature) (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

Description of Construction Activity:

1. Remove existing crossovers west of SN 054-0057 and SN 054-0058 and grade median.
2. The proposed project consists of replacing 8 bridge decks, removing 2 bridges over an abandoned railroad and construction of embankment and pavement and construction of temporary median crossovers on I-55 between Lincoln and Atlanta. The proposed improvement will be constructed on the existing alignment.
3. Construction consists of grading, embankments, temporary drainage structures, HMA pavement, HMA resurfacing, and bridge decks.

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

Pre-Stage 1

1. Remove existing crossover and temporary lighting system; Grade median and place permanent seeding.
2. Construction of crossover embankment, temporary drainage structures and storm sewers, and HMA pavement
3. Construction of initial lifts of embankment under SN 054-0067 (NB I-55) and SN 054-0068 (SB I-55)

Stage 1

1. Remove SN 054-0068 (SB I-55); construct embankment, pavement and shoulders
2. Placement of permanent heavy duty erosion control blanket on SB outside 2:1 slopes and permanent seeding.

Stage 2

1. Remove SN 054-0067 (NB I-55); construct embankment, pavement and shoulders
2. Placement of permanent heavy duty erosion control blanket on NB outside 2:1 slopes and permanent seeding

Final Phase

1. Remove temporary crossovers and grade median.
2. Placement, maintenance, removal and proper clean-up of temporary erosion control, such as erosion control fence, riprap ditch checks, sediment basins, temporary seeding, etc.
3. Placement of permanent erosion control, such as riprap ditch lining, riprap stilling basins, riprap dry dams, excelsior blanket, seeding, etc.

Area of Construction Site:

The total drainage area entering and including the construction site is estimated to be approx. 0.708 sq miles in which 7.42 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. Estimated run-off coefficients are contained in the project drainage study which were utilized for proposed placement of the temporary erosion control systems.
2. Information on the soils within the site was obtained from field reviews which were utilized for proposed placement of the temporary erosion control systems.
3. Site maps indicating drainage patterns and approximate slopes were contained in the project design report, USGS drainage maps, project drainage study, and project plan documents were all utilized for proposed placement of the temporary erosion control systems.

Drainage Tributaries Receiving Water from this Construction Site: Kickapoo Creek

	JOB # 2236.10	DESIGNED -	REVISED - AUG 2007 (JCN)	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	FAI ROUTE 55 STORM WATER POLLUTION PREVENTION PLAN			F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	FILE NAME = 0672E11-shr-erosion.dgn	DRAWN - CADD	REVISED -		55	D6 LOGAN CO BR 2011-1	LOGAN	429	182			
	PLOT SCALE = 1/8" = 1' / IN.	CHECKED - JCN	REVISED -		SCALE: SHEET NO. 1 OF 8 SHEETS STA. TO STA.			FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				
PLOT DATE = 3/14/2013	DATE - 8/12/2011	REVISED -				CONTRACT NO. 72E11						