## STORM WATER POLLUTION PREVENTION PLAN

Marked: IL-96

Section: 2(8-5,8-6) County: Pike

Routes FAP 304

Project No. 1 Contract No.: 72891

This plan has been prepared to comply with the provision of the NPDES Permit Number issued by the Illinois Environmental Protection Agency for storm water ILR10 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 inquire 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.

The following plan was established and included in these plans to direct the Contractor in the placement of temporary eroston control systems and to provide a storm water pollution prevention plan for compilance under NPDES. The Contractor shall ablde 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.

The special provisions Temporary Erosion Control Seeding additionally supplement this plan.

All disturbed areas having high potential for erosion, as determined by the Engineer, shall be temporarily seeded or permanently seeded by October 1, 2008 and shall not be reopened until after the winter shutdown period.

## SITE DESCRIPTION

Description of Construction Activity:

- 1. The proposed project consists of the reconstruction of two bridges as one joint project in Pike County. Approximately 500 feet of roadway on either side of each bridge will also be widened and resurfaced.
- 2. Excavation for ditches, constructing inlets, bituminous resurfacing, and other miscellaneous work to complete improvements to the proposed roadways.

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

- 1. Tree removal will be completed throughout the project.
- 2. Drainage structures will be constructed, repaired and reconstructed at various locations throughout the project.
- 3. Excavation of ditches and grading and shaping will be completed at various locations throuhgout the project.
- 4. Placement, maintenance, removal and proper clean-up of temporary erosion control, such as erosion control fence, hay or straw bale ditch checks, slope mattress, temporary seeding, etc.
- 5. Placement of permanent erosion control, such as slope mattress ditch lining, energy dissipating basin, erosion control blanket, seeding, etc.

## Area of Construction Site

The total area of the construction sites combined is estimated to be 6.3 acres of which 5 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. Information on the soils within the site was obtained from field reviews which were utilized for proposed placement of the temporary erosion control systems.
- 2. Site maps indicating drainage patterns and approximate slopes were contained in the project design report, USGS drainage maps, and project plan documents were all utilized for proposed placement of the temporary erosion control systems.

Drainage Tributaries Receiving Water from this Construction Site:

- Brown Creek
- Brown Creek
  Brewster creek
  The Sny Drainage District/Mississippi River

			CONTR	ACT NO.	7289
F.A.P. RTE.	SECTION	1 0	COUNTY	TOTAL SHEETS	SHEET NO.
304	208-5,8-	6)	PIKE	112	43
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FED. ROA	D DEST. NO.	ILLINOIS	FED. AI	D PROJECT	•

REVISIONS		
NAME DATE	ILLINOIS DEPART	MENT OF TRANSPORTATION
		LUTION PREVENTION PLAN
	SHE	ET 1 OF 7
	FAS ROUTE	304 (IL RTE 96)
		DN 2(B-5, B-6)
		KE COUNTY
	VEDT	
	SCALE: HORIZ.	DRAWN BY
	DATE	CHECKED BY