STORM WATER POLLUTION PREVENTION PLAN

Route: FAP 317 Marked: US 24

Section: R9S-4, (10,11) RS-3; (10B-1)R Project No.:

Counties: BROWN & SCHUYLER Contract No.: 72432

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 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.

_____ (Signature) _____ (Date)

_____ (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.

The special provisions Temporary Seeding, Temporary Erosion Control Seeding, and Temporary Erosion Control 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, 2010 and shall not be reopened until after the winter shutdown period.

SITE DESCRIPTION

Description of Construction Activity:

1. The proposed project consists of widening and resurfacing of 0.644 miles of a two lane highway (US 24), including removing and replacing the bridge over the Lamoine River, realignment of a section of US 24, a new bridge over the Lamoine River, improved shoulders, and new ditches.
2. Construction consists of grading, constructing culverts / removal of one existing structure and constructing a new structure on the realigned portion of US 24, widening, bituminous resurfacing, placing aggregate and bituminous shoulders, and miscellaneous work to complete improvements to the proposed roadway.

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 to clear approximately 2.1 acres of wooded land.
2. Excavation will be completed along the entire length to grade out for proposed roadway ditches and waterways.
3. Excavation will also be completed in proposed cut sections to lower the existing ground elevation to meet the proposed roadway grade/vertical alignment.
4. Embankment will be completed in fill areas to raise the existing ground elevation to meet the proposed roadway foreslope and backslope.
5. Drainage structures will be installed before and/or during the construction of the excavation and embankment to allow proper drainage across the proposed two lane facility.
6. Placement, maintenance, removal and proper clean-up of temporary erosion control, such as perimeter erosion barrier, hay or straw bale ditch checks, riprap ditch checks, sediment basins, temporary seeding, etc.
7. Placement of permanent erosion control, such as riprap ditch lining, stilling basins, excelsior blanket, seeding, fabric formed concrete revetment mat, stone riprap at structure, etc.
8. Final grading, paving, shoulder work, and other miscellaneous items.

Area of Construction Site:

The total drainage area entering and including the construction site is estimated to be 21.8 acres in which 11.8 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:

1. Lamoine River
2. Minor tributaries of the above

STORMWATER POLLUTION PREVENTION PLANS
SHEET 2 OF 6
US 24 OVER LAMOINE RIVER
F.A.P. RTE 317 (US RTE 24)
SECTION 9RS-4, (10,11) RS-3; (10B-1) R
BROWN & SCHUYLER COUNTIES