## STORM WATER POLLUTION PREVENTION PLAN

Route: FAP 322	Markedi US 51
Section: 11-13	Project No.: NA
County: CHRISTIAN	Contract No. 72961

This pion has been prepared to comply with the provision of the NPDES Permit Number ILRIO\_\_\_\_\_\_\_\_Issued by the Lilinois Environmental Protection Agency for storm water discharges from construction site activities.

I certify under penalty of iaw 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 bellef, 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.

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10-16-12-(Date)

Note: The above baxed 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 erasion control systems and to provide a storm water pollution prevention plan for compliance 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 silication 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 1, and shall not be reapened until after the winter shutdown period.

# SITE DESCRIPTION

## Description of Construction Activity:

- 1. The proposed project consists of new construction of a new four-lane expressway from 2. Pana northernly to 1.5 miles south of Assumption in Christian County, Illinois.
- 2. This contract involves 4.4 miles of grading & paving of the four lane expressway.
- 3. A 122'-7" three span, 43' wide bridge will be constructed to carry the northbound lanes. Drainage Ditch and the existing bridge carrying US 51 over the Main Drainage Ditch will three span, 28' wide bridge will be constructed to carry TR 255 over the Main Drainage i box culverts will be constructed to carry US 51 and TR 268 over a tributary of the Main additional small drainage structures will be constructed through the limits of the projection.

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

- Excavation will be completed to grade out for proposed roadway ditches and waterways, a lower the existing ground elevation to meet the proposed roadway grade/vertical alignme
- Embankment will be completed in fill areas to raise the existing ground elevation to me proposed roadway grade/vertical alignment.
- Droinage structures will be installed before and/or during the construction of the exce embankment to allow proper drainage ocross the proposed four lane facility.
- Placement, maintenance, removal and proper clean-up of temporary erosian control, such hay or strow bale ditch checks, riprop ditch checks, sediment basins, temporary seeding
- Placement of permanent erosion control, such as riprop ditch lining, riprop stilling be excession blanket, seeding, etc.
- 6. Final grading, paving and other miscellaneous items.
- 7. Stoge construction of the above items will be required to maintain traffic as discussed

#### Area of Construction Sites

The total drainage area entering and including the construction site is estimated to be 314 (4,9 square miles) in which 160 acres will be disturbed by excavation, grading or other act

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

- Estimated run-off coefficients are contained in the project drainage study which were u
  for proposed placement of the temporary erosion control systems.
- Information on the solis within the site was obtained from field reviews which were util for proposed placement of the temporary erosion control systems. •
- Site maps indicating drainage patterns and approximate slopes were contained in the project design report, USCS drainage maps, project drainage study, and project plan documents were all utilized for proposed placement of the temporary erosion control systems.

### Droinage Tributaries Receiving Water from this Construction Site:

- 1. Flat Branch of the Sagamon River
- 2. Main Drainage Ditch / Lake Fork of the Sagamon River
- 3. Minor tributaries of the above

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