

F.A.I. RITE:	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	*	BUREAU	60	30
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
* SECTION 06-5, 06-6, 06-7, 06 & 50-8M				

# STORM WATER POLLUTION PREVENTION PLAN EROSION CONTROL PLAN

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 PURPOSE OF THIS PLAN IS TO 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 AMOUNT OF 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 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 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 THE PLANS. THE CONTRACTOR SHALL PERFORM ALL WORK AS DIRECTED BY THE ENGINEER AND AS SHOWN IN STANDARD 280001 OF THE PLANS.

**SITE DESCRIPTION**

**DESCRIPTION OF CONSTRUCTION ACTIVITY:**

THIS PROJECT CONSISTS OF THE CONSTRUCTION OF 6 INTERSTATE MEDIAN CROSSOVERS FOR FUTURE BRIDGE REHABILITATIONS. CONSTRUCTION ACTIVITY IN THE MEDIAN INCLUDES CLEARING, SHOULDER REMOVAL, EMBANKMENT, PAVING AND REMOVAL AND SEEDING OF EXISTING EMERGENCY TURNAROUNDS.

**DESCRIPTION OF INTENDED SEQUENCE OF ACTIVITIES:**

THE SEQUENCE OF EVENTS ARE AS FOLLOWS: CLEARING, EXCAVATION, EMBANKMENT, GRADING AND PAVING.

**AREA OF CONSTRUCTION SITE:**

IT IS ESTIMATED THAT 3.00 ACRES WILL BE DISTURBED BY EXCAVATION, GRADING AND OTHER ACTIVITIES.

**SUPPORTING REPORTS AND PLANS**

THE FOLLOWING ASSISTED IN DEVELOPING THE EROSION CONTROL PLAN AS REFERENCED DOCUMENTS:

- SOIL PROFILE SHEETS, SOILS REPORTS, BORING LOGS
- USGS DRAINAGE MAPS, PROJECT PLAN DOCUMENTS

**DRAINAGE TRIBUTARIES RECEIVING WATER FROM CONSTRUCTION SITE**

WATER FROM THE CROSSOVER CONSTRUCTION AREAS DRAINS INTO THE CENTERLINE MEDIAN OF INTERSTATE 80. THE MEDIAN WATER OUTLETS INTO SEVERAL CREEKS AND THEIR TRIBUTARIES ALONG THIS SECTION. FROM WEST TO EAST THEY ARE: EAST BUREAU CREEK, BRUSH CREEK, NEGRO CREEK, AND SPRING CREEK.

**EROSION CONTROLS AND SEDIMENT CONTROL PROCEDURES**

**STABILIZATION PRACTICES AT THE BEGINNING OF CONSTRUCTION:**

PERIMETER EROSION CONTROL SHALL BE PLACED WHERE SPECIFIED PRIOR TO BEGINNING EARTHWORK.

**STABILIZATION PRACTICES DURING CONSTRUCTION:**

AS EARTH EXCAVATION AND EMBANKMENT ARE BEING COMPLETED THE CONTRACTOR SHALL PLACE DITCH CHECKS, INLET AND PIPE PROTECTION, EROSION CONTROL BLANKET, AND SEEDING. PERIMETER EROSION BARRIER WILL BE INSTALLED AT ADDITIONAL LOCATIONS AS THE PROJECT PROGRESSES. SEEDING SHALL BE COMPLETED AS DESCRIBED IN SECTION 280 OF THE STANDARD SPECIFICATIONS.

**MAINTENANCE AFTER FINAL GRADING**

TEMPORARY EROSION CONTROL SYSTEMS SHALL BE LEFT IN PLACE WITH PROPER MAINTENANCE UNTIL PERMANENT EROSION CONTROL IS IN PLACE AND WORKING PROPERLY AND ALL PROPOSED TURF AREAS SEEDED AND ESTABLISHED WITH THE PROPER STAND. ONCE PERMANENT EROSION CONTROL SYSTEMS AS PROPOSED IN THE PLANS ARE FUNCTIONAL AND ESTABLISHED, TEMPORARY ITEMS SHALL BE REMOVED, CLEANED UP AND DISTURBED TURF RESEEDED.

REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION
NAME	DATE	
		<b>STORM WATER POLLUTION PREVENTION PLAN EROSION CONTROL PLAN</b>
SCALE: VERT. _____		DRAWN BY BRW
DATE _____		

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