

F.A.U.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7998	97-00030-06-WR	SANGAMON	117	57
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

**STORM WATER POLLUTION PREVENTION PLAN**

ROUTE: FAU 7998 MARKED: CH 43 (EAST LAKE SHORE DRIVE)  
 SECTION: 97-00030-06-WR  
 COUNTY: SANGAMON CONTRACT NO.:

SEE SPECIAL PROVISIONS (FORM BDE 2342)

~~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.~~

~~\_\_\_\_\_  
 (DISTRICT ENGINEER) (DATE)~~

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 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 OF EACH CONSTRUCTION YEAR, AND SHALL NOT BE REOPENED UNTIL AFTER THE WINTER SHUTDOWN PERIOD.

**SITE DESCRIPTION**

DESCRIPTION OF CONSTRUCTION ACTIVITY:

1. THE PROPOSED PROJECT CONSISTS OF APPROXIMATE 1.3 MILES OF RECONSTRUCTION, WIDENING, AND RESURFACING
2. EAST LAKE SHORE DRIVE (CH 43) WILL BE RECONSTRUCTED/ WIDENED TO ACCOMMODATE LEFT TURN MOVEMENTS WITH ISOLATED LEFT TURN LANES AS WELL AS STRETCHES OF BI-DIRECTIONAL LEFT TURN LANES. PROPOSED ISOLATED AND BI-DIRECTIONAL LEFT TURN LANES ARE FOURTEEN FEET WIDE AND THE SINGLE THROUGH TRAVEL LANE IN EACH DIRECTION IS TWELVE FEET WIDE. THERE IS ALSO A PROPOSED FIVE FOOT BUFFER AREA ON THE OUTSIDE OF EACH THROUGH TRAVEL LANE WITH CCC&G, TYPE B-6.24. THE BUFFER AREA WILL MATCH THE PROPOSED PAVEMENT DESIGN AND ACT AS SUCH UNTIL CAPACITY OR OTHER FACTOR(S) FACILITATED THE NEED FOR ADDITIONAL THROUGH TRAFFIC LANES. IMPROVEMENTS ALONG EAST LAKE SHORE DRIVE (CH 43) ALSO INCLUDE AN ENCLOSED DRAINAGE SYSTEM, CONCRETE SIDEWALK, SIDE ROAD IMPROVEMENTS TO AT LEAST THE RADIUS RETURNS, PRIVATE AND COMMERCIAL ENTRANCE IMPROVEMENTS, AND A NEW TRAFFIC SIGNAL INSTALLATION AT THE ROCHESTER ROAD (CH 56) INTERSECTION. ROCHESTER ROAD (CH 56) WILL HAVE NEW PAVEMENT IN THE AREA OF THE REALIGNMENT AND THEN BE WIDENED AND RESURFACED ELSEWHERE. OTHER IMPROVEMENTS ON ROCHESTER ROAD (CH 56) INCLUDE EIGHT FOOT BITUMINOUS SHOULDERS AND ROAD SIDE DITCHES. STRIPING, SIGNING, SEEDING, AND OTHER MISCELLANEOUS ITEMS WILL COMPLETE THE OVERALL PROPOSED IMPROVEMENTS.

DESCRIPTION OF INTENDED SEQUENCE OF MAJOR CONSTRUCTION ACTIVITIES WHICH WILL DISTURB EARTH AND LEAD TO POSSIBLE EROSION FOR MAJOR PORTIONS OF THE CONSTRUCTION SITE:

SEE STAGE CONSTRUCTION NARRATIVE IN THE MAINTENANCE OF TRAFFIC PLANS.

AREA OF CONSTRUCTION SITE:

APPROXIMATELY 16 ACRES WILL BE DISTURBED BY EXCAVATION, GRADING OR OTHER ACTIVITIES.

DRAINAGE TRIBUTARIES RECEIVING WATER FROM THIS CONSTRUCTION SITE:

N/A

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**EROSION & SEDIMENT CONTROL DETAILS**

DESIGNED BY:	DRAWN BY:	CHECKED BY:	DATE:
JEB	AAD	CMS	4/4/08