

T.R.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
235	93-02108-00-BR	CHRISTIAN	16	3
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

**T.R. 235 BRIDGE CONSTRUCTION PROJECT  
BEAR CREEK ROAD DISTRICT  
CHRISTIAN COUNTY**

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.

Cliff D. Funge  
(COUNTY OFFICIAL)

8/23/04  
(DATE)

8/23/04  
(TITLE) COUNTY ENGINEER

**SITE DESCRIPTION**

**DESCRIPTION OF CONSTRUCTION ACTIVITY:**

1. THE PROPOSED PROJECT CONSISTS OF REMOVING THE EXISTING STRUCTURE, CONSTRUCTING A BRIDGE AND THE APPROACHES TO THE BRIDGE.
2. CONSTRUCTION CONSISTS OF PILING, CONCRETE STRUCTURE, PRECAST PRESTRESSED CONCRETE DECK BEAMS, AGGREGATE ROAD SURFACE, DITCH GRADING AND SHAPING AND SEEDING.

**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. EXCAVATION AND FURNISHED EXCAVATION WILL BE COMPLETED AT LOCATION AS INDICATED ON THE PLANS OR AS DIRECTED BY THE ENGINEER.
2. DRAINAGE STRUCTURES WILL BE INSTALLED BEFORE AND/OR DURING THE CONSTRUCTION OF THE EXCAVATION AND FURNISHED EXCAVATION TO ALLOW PROPER DRAINAGE IN AREA OF THE PROPOSED ROADWAY FACILITY.
3. PLACEMENT, MAINTENANCE, REMOVAL AND PROPER CLEAN-UP OF TEMPORARY EROSION CONTROL, SUCH AS EROSION CONTROL FENCE, HAY OR STRAW BALE DITCH CHECKS, RIPRAP DITCH CHECKS, TEMPORARY SEEDING, ETC.
4. PLACEMENT OF PERMANENT EROSION CONTROL, SUCH AS RIPRAP DITCH LINING, FILTER FABRIC FOR USE WITH RIPRAP, SEEDING, ETC.
5. FINAL GRADING, AND OTHER MISCELLANEOUS ITEMS.

**AREA OF DISTURBED GROUND:**

THE TOTAL AREA DISTURBED BY CONSTRUCTION ACTIVITIES IS APPROXIMATELY 1.0 ACRES.

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.

ALL DISTURBED AREAS HAVING HIGH POTENTIAL FOR EROSION, AS DETERMINED BY THE ENGINEER, SHALL BE PERMANENTLY SEEDDED AS SOON AS POSSIBLE.

**LEGEND FOR STORM WATER POLLUTION PREVENTION PLAN**

ITEM	SYMBOL
TEMPORARY DITCH CHECKS (HAY OR STRAW BALE DITCH CHECKS OR APPROVED SUBSTITUTION)	
PERIMETER EROSION BARRIER	
DIRECTION OF OVERLAND FLOW	
INLET AND PIPE PROTECTION	
RIP-RAP	

NOTE: THE EROSION CONTROL PLAN SHALL BE IMPLEMENTED AS DESCRIBED ON THIS "SOIL EROSION AND SEDIMENT CONTROL PLAN" PER THE IDOT STANDARD SPECIFICATION FOR ROAD AND BRIDGE CONSTRUCTION, PER IDOT STANDARD 280001, AND AS DIRECTED BY THE ENGINEER.

**CONTRACTOR CERTIFICATION STATEMENT**

THIS CERTIFICATION STATEMENT IS PART OF THE STORM WATER POLLUTION PLAN FOR THE PROJECT DESCRIBED BELOW IN ACCORDANCE WITH NPDES PERMIT NO. ILR10 \_\_\_\_\_, ISSUED BY THE ILLINOIS ENVIRONMENTAL PROTECTION AGENCY ON MAY 30, 2003.

**T.R. 235 BRIDGE CONSTRUCTION PROJECT  
BEAR CREEK ROAD DISTRICT  
CHRISTIAN COUNTY**

I CERTIFY UNDER PENALTY OF LAW THAT I UNDERSTAND THE TERMS OF THE GENERAL NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES) PERMIT THAT AUTHORIZES THE STORM WATER DISCHARGES ASSOCIATED WITH INDUSTRIAL ACTIVITY FROM THE CONSTRUCTION SITE IDENTIFIED AS PART OF THIS CERTIFICATION.

SIGNATURE \_\_\_\_\_ DATE \_\_\_\_\_  
TITLE \_\_\_\_\_  
NAME OF FIRM \_\_\_\_\_  
STREET ADDRESS \_\_\_\_\_  
CITY, STATE, ZIP \_\_\_\_\_  
PHONE NUMBER \_\_\_\_\_

NOTE: THE ABOVE BOXED IN AREA SHALL BE FILLED OUT BY THE CONTRACTOR AFTER THE AWARD OF THE CONTRACT TO OBTAIN THE REQUIRED NPDES PERMIT FROM IEPA. THIS IS A REQUIREMENT FOR THIS CONTRACT.

**SOIL EROSION &  
SEDIMENT CONTROL PLAN  
T.R. 235 OVER PRAIRIE FORK CREEK  
SEC. 93-02108-00-BR  
CHRISTIAN COUNTY  
STR. NO. 011-3399  
STA. 5+47.00**

<b>ie</b> consultants	INTERNATIONAL ENGINEERING CONSULTANTS, INC. 8420 SOUTH SIXTH STREET SPRINGFIELD, ILLINOIS 62707 TEL: (217) 529-8027 FAX: (217) 529-4543 IESPRINGFIELD@IE-CONSULTANTS.COM WWW.IE-CONSULTANTS.COM			
	<b>DRAWING TITLE</b>			
DRAWN BY: JPH	CHECKED BY: GBM	DATE: 06-22-04	PROJECT: S03037	