

STORM WATER POLLUTION PREVENTION PLAN

EROSION CONTROL PLAN

CONTRACT NO. 64969				
F.A.P. NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
309	16R-2	WHITESIDE	647	215
STA.		TO STA.		
FED. ROAD DIST. NO. 2 ILLINOIS FED. AID PROJECT				

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 REMOVAL, RECONSTRUCTION AND WIDENING OF PAVEMENTS, CONVERSION OF TYPICAL ROADWAY SECTIONS FROM RURAL TO URBAN TYPE IN PART AND OTHER RELATED WORK FOR US ROUTE 30 FOR A DISTANCE OF 1.12 MILES WITHIN AND WITHOUT THE WESTERLY LIMITS OF THE CITY OF MORRISON, ILLINOIS; MOUNT PLEASANT TOWNSHIP, SECTION 17 AND 18

DESCRIPTION OF INTENDED SEQUENCE OF ACTIVITIES:

THE SEQUENCE OF EVENTS ARE AS FOLLOWS: CLEARING, EMBANKMENT, EXCAVATION, GRADING AND PAVING. THIS PROJECT WILL BE CONSTRUCTED IN SEGMENTS AS SHOWN IN THE "STAGING PLANS".

AREA OF CONSTRUCTION SITE:

TOTAL CONSTRUCTION SITE (CONSTRUCTION LIMIT TO CONSTRUCTION LIMIT) 17.065 ACRES
 PROPOSED R.O.W. (TOTAL PARCEL AREA) 3.805 ACRES
 DISTURBED BY EXCAVATION (E.O.P. TO CONSTRUCTION LIMIT) 12.007 ACRES

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

OUTLET 1: EXISTING BOX MANHOLE NO. 1035 AT STA. 1114+38.80, 21.50' RT., UNKNOWN DRAINAGE TRIBUTARY RECEPTOR; OUTLET 2: EXISTING 30" RCP STORM SEWER AT STA. 1123+96.83, 30.00' RT., UNNAMED DRAINAGE TRIBUTARY FLOWING SOUTHEAST VIA DITCH; OUTLET 3: 30" RCP STORM SEWER AT STA. 7+68.10, 24.00' RT. (SAWYER RD), UNNAMED DRAINAGE TRIBUTARY FLOWING SOUTH VIA ROADWAY DITCH ON EAST SIDE OF SAWYER, THENCE SOUTH EAST VIA SWALE IN OPEN FIELD; OUTLET 4: 4'x5'-6" BOX CULVERT (CATTLE CROSSING) EXTENSION AT STA. 1146+76, UNNAMED DRAINAGE CHANNEL FLOWING SOUTH 800' TO FRENCH CREEK; OUTLET 5: PROPOSED DOUBLE 12'x10' BOX CULVERT REPLACEMENT AT STA. 1158+15, UNNAMED DRAINAGE CHANNEL FLOWING SOUTH 150' TO FRENCH CREEK; OUTLET 6: TRIPLE 12'x8' BOX CULVERT EXTENSION AT STA. 1169+98, FLOW IS FRENCH CREEK

EROSION CONTROLS AND SEDIMENT CONTROL PROCEDURES

STABILIZATION PRACTICES AT THE BEGINNING OF CONSTRUCTION:
 PERIMETER EROSION CONTROL SHALL BE PLACED 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 AS STAGES OF THE PROJECT ARE COMPLETED. PERIMETER EROSION BARRIER WILL BE INSTALLED AT ADDITIONAL LOCATIONS AS THE PROJECT PROGRESSES. SEEDING SHALL BE COMPLETED AS SPECIFIED IN THE EROSION CONTROL/ SEEDING MOBILIZATION AND TEMPORARY SEEDING SPECIAL PROVISION.

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.

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