

ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
GRCDT09-00038-00-BT		MASSAC	55	21
FROM STA.		TO STA.		
FEDERAL PROJECT NO. ARA-5045(009)		CONTRACT NO. 99417		

STORM WATER POLLUTION PREVENTION PLAN

THE FOLLOWING PLAN IS ESTABLISHED AND INCORPORATED IN THE PROJECT 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 EROSION WITHIN THE CONSTRUCTION ZONE SITE AND TO LIMIT SEDIMENTS LEAVING THE CONSTRUCTION SITE BY UTILIZING PROPER TEMPORARY EROSION CONTROL SYSTEMS AND PROVIDING GROUND COVER WITHIN A REASONABLE AMOUNT OF TIME.

CERTAIN EROSION CONTROL FACILITIES SHALL BE INSTALLED BY THE CONTRACTOR AT THE BEGINNING OF CONSTRUCTION. OTHER ITEMS SHALL BE INSTALLED AS DIRECTED BY THE ENGINEER ON A CASE BY CASE SITUATION DEPENDING ON THE CONTRACTORS SEQUENCE OF ACTIVITIES, TIME OF YEAR AND EXPECTED WEATHER CONDITIONS.

THE CONTRACTOR SHALL CONSTRUCT PERMANENT EROSION CONTROL SYSTEMS AND SEEDING WITHIN A TIME FRAME SPECIFIED HEREIN AND AS DIRECTED BY THE ENGINEER, THEREFORE MINIMIZING THE AMOUNT OF AREA SUSCEPTIBLE TO EROSION AND REDUCING THE AMOUNT OF TEMPORARY SEEDING. THE ENGINEER WILL DETERMINE IF ANY TEMPORARY EROSION CONTROL SYSTEMS SHOWN IN THE PLANS CAN BE DELETED AND IF ANY ADDITIONAL TEMPORARY EROSION CONTROL SYSTEMS, WHICH ARE NOT INCLUDED IN THE PLANS, SHALL BE ADDED. THE CONTRACTOR SHALL PERFORM ALL WORK AS DIRECTED BY THE ENGINEER AND AS SHOWN IN STANDARD 280001.

SECTION 280, TEMPORARY EROSION CONTROL, OF THE STANDARD SPECIFICATIONS ADDITIONALLY SUPPLEMENTS THIS PLAN.

DESCRIPTION OF CONSTRUCTION ACTIVITIES

1. TEMPORARY DITCH CHECKS SHALL BE LOCATED AT EVERY 1.5 FEET OF FALL/RISE IN DITCH GRADE.

INDENTED SEQUENCE OF MAJOR CONSTRUCTION ACTIVITIES

1. SELECTED CLEARING AND TREE REMOVAL. TREES TO REMAIN WILL BE PROTECTED AGAINST DAMAGE.
2. STORM SEWERS, CATCH BASINS, CULVERTS AND DRAINAGE STRUCTURES.
3. EXCAVATION AND GRADING.
4. CONSTRUCTION OF PEDESTRIAN BRIDGES/MODIFICATIONS TO EXISTING BRIDGE.
5. PLACEMENT OF AGGREGATE COURSE.
6. PLACEMENT OF HMA OVERLAYS AND PAVEMENTS
7. PLACEMENT OF P.C. CONCRETE PAVEMENTS.
8. FINAL CLEANUP, LANDSCAPING, SEEDING AND PERMANENT EROSION CONTROL SYSTEMS.

AREA OF CONSTRUCTION SITE

1. THE TOTAL AREA OF CONSTRUCTION SITE IS ESTIMATED TO BE 14 ACRES OF WHICH APPROXIMATELY 7.5 ACRES WILL BE DISTURBED.

OTHER REPORTS, STUDIES, AND PLANS WHICH AID IN THE DEVELOPMENT OF THE SWPPP AS REFERENCED DOCUMENTS

1. INFORMATION OF THE TERRAIN WAS OBTAINED FROM THE TOPOGRAPHIC MAPS.
2. PROJECT PLAN DOCUMENTS, SPECIFICATIONS, AND SPECIAL PROVISIONS AND PLAN DRAWINGS INDICATING THE DRAINAGE PATTERNS AND LOCATION OF EXISTING DRAINAGE FEATURES WERE UTILIZED IN THE PREPARATION OF THE PROPOSED PLACEMENT OF TEMPORARY EROSION SYSTEMS.

DRAINAGE TRIBUTARIES AND SENSITIVE AREAS RECEIVING RUNOFF

1. PROPOSED STORM SEWER OUTLETS ARE TRIBUTARY TO EXISTING ROADSIDE DITCHES. NO NEW DISCHARGE POINTS WILL BE CONSTRUCTED.

CONTROLS -- EROSION CONTROLS AND SEDIMENT CONTROLS

1. EXISTING VEGETATION WILL BE PRESERVED WHERE ATTAINABLE AND DISTURBED PORTIONS OF THE SITE WILL BE STABILIZED. STABILIZATION PRACTICES WILL INCLUDE TEMPORARY SEEDING, PERMANENT SEEDING, MULCHING, PROTECTION OF TREES, PRESERVATION OF MATURE VEGETATION AND OTHER APPROPRIATE MEASURES AS DIRECTED BY THE ENGINEER. STABILIZATION MEASURES SHALL BE INITIATED AS SOON AS PRACTICAL IN THOSE AREAS OF THE SITE WHERE CONSTRUCTION ACTIVITIES HAVE CEASED, BUT IN NO CASE MORE THAN 7 DAYS AFTER THE CONSTRUCTION ACTIVITY FOR AN AREA HAS TEMPORARILY OR PERMANENTLY CEASED.
2. AREAS OUTSIDE THE CONSTRUCTION LIMITS SHALL BE PROTECTED FROM CONSTRUCTION ACTIVITIES.
3. DEAD, DISEASED OF UNSUITABLE VEGETATION WITHIN THE SITE SHALL BE REMOVED AS DIRECTED BY THE ENGINEER.
4. AS SOON AS IS REASONABLE, THE TEMPORARY EROSION CONTROL SYSTEM SHALL BE INSTALLED AS INDICATED IN THE PLANS OR AS DIRECTED BY THE ENGINEER.

THIS PLAN HAS BEEN PREPARED WITH THE INTENT TO COMPLY WITH THE PROVISIONS 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 PLAN WAS PREPARED AT MY DIRECTION IN ACCORDANCE WITH A SYSTEM THAT QUALIFIED PERSONNEL PROPERLY GATHERED AND EVALUATED THE INFORMATION SUBMITTED. BASED ON MY INQUIRY OF THE PERSON OR PERSONS WHO MANAGE THE SYSTEM, OR THOSE PERSONS DIRECTLY RESPONSIBLE FOR GATHERING THE INFORMATION, 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 POSSIBLY OF FINE AND IMPRISONMENT.


 HON. BILLY McDANIEL, CITY OF METROPOLIS

DECEMBER 03, 2009