

SOIL EROSION AND SEDIMENT CONTROL NOTES:

- ALL AREAS OF BARE GROUND WILL BE TEMPORARILY SEEDED EVERY 7 DAYS UNTIL PERMANENT EROSION CONTROL IS IN PLACE.
- ALL AREAS WITHIN R.O.W. WILL BE RESTORED WITH 6" TOPSOIL, EROSION CONTROL BLANKET AND SEEDING, CLASS 2A.
- DITCH CHECKS SHALL BE EITHER ROLLED EXCELSIOR OR TRIANGULAR SILT DIKES.
- ENGINEER TO STAKE LOCATIONS FOR PROPOSED TREES, AND SHALL BE APPROVED BY McHENRY COUNTY PRIOR TO INSTALLATION.
- NO WORK SHALL BE PERFORMED IN FLOWING WATER. WORK IN OR NEAR THE CRITICAL AREAS SHOULD BE ISOLATED FROM CONCENTRATED FLOWS OR STREAM FLOW. ONCE WORK IS IN THIS AREA BEGINS, PRIORITY SHALL BE GIVEN TO THE COMPLETION OF THE WORK AND FINAL STABILIZATION OF ALL DISTURBED AREAS.
- SOIL DISTURBANCE SHALL BE CONDUCTED IN SUCH A MANNER AS TO MINIMIZE EROSION. AREAS OF THE DEVELOPMENT SITE THAT ARE NOT TO BE GRADED SHALL BE PROTECTED FROM CONSTRUCTION TRAFFIC OR OTHER DISTURBANCE UNTIL FINAL SEEDING IS PERFORMED.
- PROPERTIES AND CHANNELS ADJOINING THE DEVELOPMENT SITE SHALL BE PROTECTED FROM EROSION AND SEDIMENTATION.
- SOIL EROSION AND SEDIMENT CONTROL FEATURES SHALL BE CONSTRUCTED PRIOR TO THE COMMENCEMENT OF HYDROLOGIC DISTURBANCE OF UPLAND AREAS.
- DISTURBED AREAS SHALL BE STABILIZED WITH TEMPORARY OR PERMANENT MEASURES WITHIN (7) CALENDAR DAYS FOLLOWING THE END OF ACTIVE HYDROLOGIC DISTURBANCE.
- ALL STORM SEWERS THAT ARE OR WILL BE FUNCTIONING DURING CONSTRUCTION SHALL BE PROTECTED BY AN APPROPRIATE SEDIMENT CONTROL MEASURE.
- IF DEWATERING SERVICES ARE USED, ADJOINING PROPERTIES AND DISCHARGE LOCATIONS SHALL BE PROTECTED FROM EROSION. DISCHARGES SHALL BE ROUTED THROUGH AND EFFECTIVE SEDIMENT CONTROL MEASURE (E.G., SEDIMENT TRAP, SEDIMENT BASIN, OR OTHER APPROPRIATE MEASURES).
- ALL TEMPORARY SOIL EROSION AND SEDIMENT CONTROL MEASURES SHALL BE REMOVED WITHIN THIRTY (30) DAYS AFTER FINAL SITE STABILIZATION IS ACHIEVED OR AFTER THE TEMPORARY MEASURES ARE NO LONGER NEEDED. TRAPPED SEDIMENT AND OTHER DISTURBED SOIL AREAS SHALL BE PERMANENTLY STABILIZED.
- SOIL STOCKPILES SHALL NOT BE LOCATED IN A FLOOD-PRONE AREA OR A DESIGNATED BUFFER PROTECTING WATERS OF THE UNTIED STATES OR ISOLATED WATERS OF McHENRY COUNTY.
- THE CONTRACTOR SHALL PROVIDE ADEQUATE RECEPTACLES FOR THE DEPOSITION OF ALL CONSTRUCTION MATERIAL DEBRIS GENERATED DURING THE DEVELOPMENT PROCESS. THE CONTRACTOR SHALL NOT CAUSE OR PERMIT THE DUMPING, DEPOSITING, DROPPING, THROWING, DISCARDING OR LEAVING OF CONSTRUCTION MATERIAL DEBRIS UPON OR INTO ANY DEVELOPMENT SITE, CHANNEL, WATERS OF THE U.S. OR ISOLATED WATERS OF McHENRY COUNTY. THE CONTRACTOR SHALL MAINTAIN THE DEVELOPMENT SITE FREE OF CONSTRUCTION MATERIAL DEBRIS.
- ALL TEMPORARY AND PERMANENT EROSION AND SEDIMENT CONTROL MEASURES SHALL BE MAINTAINED IN AN EFFECTIVE WORKING CONDITION.
- HEAVY DUTY EROSION CONTROL BLANKET SHALL BE USED AND SHALL BE IN ACCORDANCE WITH THE "ILLINOIS URBAN MANUAL", LATEST EDITION, AND "DOT STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION SECTION", LATEST EDITION ARTICLE 251.04.
- THE DITCH BOTTOMS SHALL BE SEEDED WITH SEEDING CLASS 4B WITHIN THE WETLAND BUFFER AREAS.
- ALL SEDIMENTATION AND EROSION CONTROL MEASURES SHALL BE IN ACCORDANCE WITH THE "ILLINOIS URBAN MANUAL", LATEST EDITION, WHERE NOT ALREADY PROVIDED FOR WITHIN THE PLANS, SPECIFICATIONS AND SPECIAL PROVISIONS.
- ESTABLISH PERMANENT STABILIZATION WITHIN 14 DAYS OF FINAL GRADING OR WHEN DISTURBED AREA IS LEFT IDLE FOR MORE THAN 14 DAYS.

LAWRENCE ROAD

MAINTENANCE SCHEDULE

- SILT FENCE - AT A MINIMUM, THE CONTRACTOR SHALL INSPECT ALL SILT FENCE WEEKLY OR AFTER EACH ONE-HALF INCH OR GREATER RAINFALL EVENT. ANY REQUIRED REPAIRS SHALL BE MADE BY THE CONTRACTOR TO KEEP THE SILT FENCE FUNCTIONAL AS DESIGNED.
- HEAVY DUTY EROSION BLANKET - AT A MINIMUM, THE CONTRACTOR SHALL INSPECT ALL EROSION BLANKET WEEKLY OR AFTER EACH ONE-HALF INCH OR GREATER RAINFALL EVENT. ANY REQUIRED REPAIRS SHALL BE MADE BY THE CONTRACTOR TO KEEP THE EROSION BLANKET FUNCTIONAL AS DESIGNED.
- INLET AND PROTECTION - AT A MINIMUM, THE CONTRACTOR SHALL INSPECT ALL INLET AND PIPE PROTECTION WEEKLY OR AFTER EACH ONE-HALF INCH OR GREATER RAINFALL EVENT. ANY REQUIRED REPAIRS SHALL BE MADE BY THE CONTRACTOR TO KEEP THE INLET AND PIPE PROTECTION FUNCTIONAL AS DESIGNED.
- TEMPORARY DITCH CHECKS - AT A MINIMUM, THE CONTRACTOR SHALL INSPECT ALL TEMPORARY DITCH CHECKS WEEKLY OR AFTER EACH ONE-HALF INCH OR GREATER RAINFALL EVENT. ANY REQUIRED REPAIRS SHALL BE MADE BY THE CONTRACTOR TO KEEP THE TEMPORARY DITCH CHECKS FUNCTIONAL AS DESIGNED.
- INLET FILTERS - AT A MINIMUM, THE CONTRACTOR SHALL INSPECT ALL INLET FILTERS WEEKLY OR AFTER EACH ONE-HALF INCH OR GREATER RAINFALL EVENT. ANY REQUIRED REPAIRS SHALL BE MADE BY THE CONTRACTOR TO KEEP THE INLET FILTERS FUNCTIONAL AS DESIGNED.
- THE EROSION CONTROL QUANTITIES PROVIDED IN THE PLANS ARE APPROXIMATE. THE ACTUAL NEED FOR QUANTITIES WILL BE DETERMINED IN THE FIELD BY THE ENGINEER AT THE TIME OF CONSTRUCTION.

CONSTRUCTION SEQUENCING

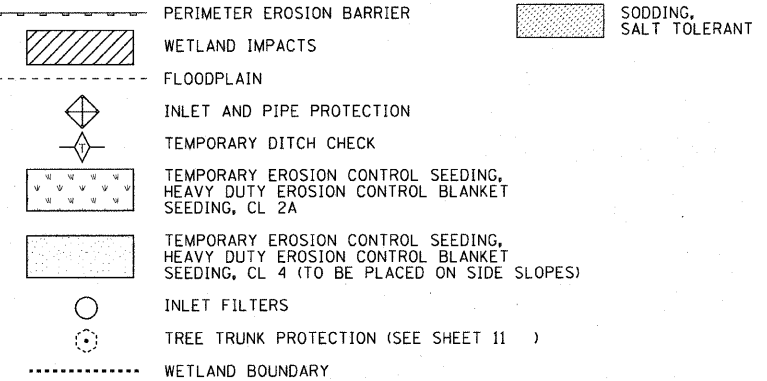
- INSTALL SEDIMENT AND EROSION CONTROL SYSTEMS
- COMPLETE TREE REMOVAL, CLEARING, AND GRUBBING
- STRIP AND STOCKPILE TOPSOIL AND BEGIN MASS GRADING. TEMPORARY SEED AS REQUIRED.
- DEMOLISH EXISTING STRUCTURE WITHOUT IMPACT OR DEBRIS ENTERING THE EXISTING WATERWAY.
- CONSTRUCT UNDERWATER STRUCTURE EXCAVATION PROTECTION AND INSTALL PILES AND STRUCTURE.
- COMPLETE ROADWAY REPLACEMENT THRU BINDER AND GRADING.
- COMPLETE FINAL SURFACE, PAVEMENT MARKINGS, AND RESTORATION.
- REMOVE EROSION CONTROL MEASURES AND RESTORE.

IDNR NOTES-BLANDINGS TURTLE

THE IDNR NATURAL HERITAGE DATABASE CONCLUDED THAT THIS PROJECT HAS POTENTIAL FOR IMPACTS TO THE BLANDING'S TURTLE AT THE LAWRENCE ROAD BRIDGE OVER LAWRENCE CREEK. TO AVOID ADVERSE IMPACTS TO THE TURTLE THE IDNR WILL REQUIRE THE FOLLOWING:

- PROVIDE INFORMATION ABOUT BLANDING'S TURTLES, INCLUDING COLOR PHOTOGRAPHS OF JUVENILE AND ADULT TURTLES TO EVERYONE WORKING ON THE PROJECT. THE INFORMATION SHOULD INCLUDE DETAILS ABOUT THEIR APPEARANCE, BREEDING, NESTING AND HIBERNATION TIMEFRAMES, WHAT TO DO IF ONE IS ENCOUNTERED (SEE NOTE 3), AND THE DEFINITION AND LEGAL RAMIFICATIONS OF AN (INCIDENTAL) TAKE. THIS INFORMATION IS PROVIDED IN THE SPECIFICATIONS.
- TO PREVENT TURTLES FROM ENTERING CONSTRUCTION AREAS, EXCLUSIONARY FENCING SHALL BE IN PLACE FROM THE END OF MARCH AND REMAIN UNTIL OCTOBER. DAILY INSPECTIONS SHOULD OCCUR FOR THE FIRST TWO WEEKS AND THEN BE MAINTAINED WEEKLY THROUGHOUT THE CONSTRUCTION PERIOD TO ENSURE THE EXCLUSIONARY FENCING HAS BEEN PROPERLY INSTALLED (DUG INTO THE GROUND) AND TO CHECK IF ANY TURTLES ARE PRESENT. ALL TRENCHES AND EXCAVATIONS SHOULD BE SECURELY COVERED AT THE END OF EACH DAY'S WORK. TRENCHES, EXCAVATIONS, AND FENCING WILL NEED TO BE INSPECTED EACH MORNING BY TRAINED PERSONNEL, PRIOR TO WORK COMMENCING, TO ENSURE THAT REPTILES AND AMPHIBIANS ARE NOT PRESENT OR TRAPPED. PERIMETER EROSION BARRIER ALONG THE PROJECT IS PROVIDED TO SATISFY THIS REQUIREMENT.
- IF A BLANDING'S TURTLE IS ENCOUNTERED NEAR, OR WITHIN THE PROJECT AREA DURING CONSTRUCTION, PROJECT WORK NEEDS TO HALT IMMEDIATELY AND THE IDNR DISTRICT HERITAGE BIOLOGIST SHOULD BE NOTIFIED (BRAD SEMEL CAN BE REACHED AT 815-675-2386 EXT. 317) AND McHENRY COUNTY CONSERVATION DISTRICT (MCCD) SHOULD ALSO BE NOTIFIED (GABRIEL POWERS, RESTORATION ECOLOGIST, CAN BE REACHED AT 815-653-2297). DO NOT PICK UP A BLANDING'S TURTLE AS THIS CAN BE CONSIDERED TAKE. A STAKE OR FLAG SHOULD BE PUT INTO THE SPOT THE TURTLE WAS LAST SEEN. THE SAME SHOULD BE EMPLOYED IF A TURTLE IS DISCOVERED ONCE THE FACILITY IS BUILT. INCIDENTAL TAKE AUTHORIZATION FROM THE OFFICE OF RESOURCE CONSERVATION MAY BE NECESSARY IF THIS SPECIES IS ENCOUNTERED WITHIN THE PROJECT AREA.

LEGEND



DESIGNED - CAC	REVISED - PER IDOT 10-25-10
DRAWN - BCD	REVISED -
CHECKED - MDW	REVISED -
DATE - 08/20/10	FILE - 070630-EROS-LAWRENCE-501SHT

**McHENRY COUNTY DIVISION OF TRANSPORTATION
LAWRENCE ROAD BRIDGE OVER
LAWRENCE CREEK**

EROSION CONTROL PLAN

SCALE: 1"=50'

STA. 100+00 TO STA. 113+00

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0028	06-00320-01-BR	McHENRY	70	16
CONTRACT NO. 63535			BRS-0028107	
JOB NO. C-91-139-11		ILLINOIS FED. AID PROJECT		

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 2/27/2011
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