

GENERAL NOTES

- INSTALL PERIMETER EROSION BARRIER PRIOR TO THE START OF CONSTRUCTION.
- INSTALL EROSION AND SEDIMENT CONTROL MEASURES AS SOON AS CONSTRUCTION ACTIVITIES PERMIT.
- FINISH GRADE AND PLACE FINAL SEEDING AND/OR SODDING IN AREAS THAT WILL NOT BE DISTURBED AGAIN FOR THE DURATION OF THE PROJECT. ANY DAMAGE TO THIS AREA DUE TO CONSTRUCTION WILL BE RESTORED AT THE CONTRACTOR'S EXPENSE.
- ANY AREAS THAT WILL BE UNDISTURBED FOR MORE THAN 14 DAYS SHALL BE SEEDED AND MULCHED WITHIN 7 DAYS.
- TEMPORARY EROSION CONTROL SEEDING WILL BE PLACED ON ALL ERODIBLE EARTH AREAS AS DIRECTED BY THE ENGINEER AS PER THE SPECIFICATIONS.
- TEMPORARY MULCH WILL MEET REQUIREMENTS OF AND BE PAID FOR AS "MULCH, METHOD 3A" OR "HEAVY DUTY EROSION CONTROL BLANKET".
- EROSION AND SEDIMENT CONTROL MEASURES SHALL BE REMOVED AFTER FINAL STABILIZATION IS IN PLACE TO PREVENT EROSION AND SEDIMENTATION OF THE SITE. THE REMOVALS SHALL BE INCIDENTAL TO THE PAY ITEMS.
- PERIMETER EROSION BARRIER SHALL BE PLACED AT CURB CUTS FOLLOWING THE CONSTRUCTION OF THE ROADWAY.
- DISTURBED AREAS SHALL BE MINIMIZED TO PREVENT EROSION AND SEDIMENTATION OF THE SITE.
- ALL EROSION CONTROL ITEMS SHALL BE MAINTAINED UNTIL CONSTRUCTION HAS BEEN COMPLETED UNLESS OTHERWISE DIRECTED BY THE ENGINEER.
- EXISTING DRAINAGE INLETS AND CATCH BASINS SHALL BE PROTECTED WITH ABOVE GRADE INLET FILTERS. MAINTAIN ABOVE GRADE INLET FILTERS UNTIL THE EXISTING STRUCTURES ARE REMOVED.
- EROSION CONTROL MEASURES SHALL BE MAINTAINED. DAMAGED ITEMS SHALL BE REPLACED IMMEDIATELY AT NO ADDITIONAL COST TO THE OWNER.
- CONSTRUCTION SCHEDULE SHALL DETAIL EACH SECTION FINAL STABILIZATION PRIOR TO MOVING ONTO NEXT SECTION IN THE CONSTRUCTION SEQUENCE. FAILURE TO COMPLY WILL RESULT IN AN NPDES DEFICIENCY DEDUCTION.
- CONCRETE WASHOUT REQUIREMENTS ARE A CONTRACTOR-REQUIRED SUBMITTAL.
- ANY DEWATERING OF THE CONSTRUCTION AREA SHALL BE FILTERED THROUGH A DEWATERING BASIN PRIOR TO ENTERING RECEIVING WATERS.
- ANY DEWATERING SHALL BE ACCORDING TO ILLINOIS URBAN MANUAL, PRACTICE STANDARDS, DEWATERING CODE 813.
- THE CONTRACTOR SHALL PROVIDE AN EROSION AND SEDIMENT CONTROL PLAN FOR CULVERT CLEANING. THE PLAN SHALL BE REVIEWED AND APPROVED BY THE RESIDENT ENGINEER PRIOR TO STARTING ANY WORK WITHIN THE CULVERT AREA. THE COST OF ALL STORM SEWER CLEANING WORK ITEMS IN THIS AREA WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE CONSIDERED AS INCLUDED IN THE UNIT BID PRICES OF THE CONTRACT AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED. LACK OF APPROVED PLAN OR FAILURE TO COMPLY WILL RESULT IN AN ESC DEFICIENCY DEDUCTION.

IN-STREAM WORK AREA NOTES

- CONTRACTOR MUST PREPARE AND IMPLEMENT AN-IN STREAM WORK PLAN (ISWP) FOR ALL WORK CONDUCTED IN THE IN-STREAM WORK AREA (ISW) AS DENOTED ON THE PLANS.
- THE ISWP SHALL COMPLY WITH THE LATEST GUIDELINES FOR IN-STREAM WORK AS UPDATED BY THE CHICAGO DISTRICT OFFICE, ARMY CORPS OF ENGINEERS AND MUST MEET ALL OF THE REQUIREMENTS OF THE STORM WATER POLLUTION PREVENTION PLAN (SWPPP), THE US ARMY CORPS OF ENGINEERS (ACOE) SECTION 404 PERMIT AND ILLINOIS ENVIRONMENTAL PROTECTION AGENCY ILR10 GENERAL NPDES PERMIT FOR STORM WATER DISCHARGES FROM CONSTRUCTION SITES. SEE THE SPECIAL PROVISIONS.
- THE ISWP SHOULD BE MADE AVAILABLE AT THE EROSION AND SEDIMENT CONTROL (ESC) PRE-CONSTRUCTION FIELD MEETING.
- THE ISWP MUST BE APPROVED BY THE RESIDENT ENGINEER PRIOR TO THE COMMENCEMENT OF IN-STREAM WORK.
- IF REQUIRED BY THE US ACOE SECTION 404 PERMIT, THE ISWP MUST BE APPROVED IN WRITING BY THE ACOE PRIOR TO THE COMMENCEMENT OF IN-STREAM WORK.
- THE EROSION AND SEDIMENT CONTROLS, STORMWATER MANAGEMENT CONTROLS AND OTHER CONTROLS REQUIRED BY THE ISWP MUST BE AT LEAST AS PROTECTIVE AT THOSE SPECIFIED IN THE STANDARD SPECIFICATIONS FOR ROADWAY AND BRIDGE CONSTRUCTION, OR THE ILLINOIS URBAN MANUAL.
- THE ISWP, INSTALLATION AND MAINTENANCE OF BEST MANAGEMENT PRACTICES (BMPs) SPECIFIED IN THE ISWP ARE NOT MEASURED FOR PAYMENT.
- THE NPDES/ESC DEFICIENCY DEDUCTION APPLIES TO THE ISW AREA.
- IN THE EVENT THE IN-STREAM WORK IS FOUND TO BE NON-COMPLIANT WITH EITHER PERMIT CONDITIONS OR REGULATIONS DURING THE COURSE OF A COMPLIANCE INSPECTION, THE CONTRACTOR WILL WORK WITH THE REGULATORY AGENCIES ON MAKING THE NECESSARY CHANGES TO THE PLANS IN ORDER TO BRING THE PROJECT INTO COMPLIANCE WITH THE IN-STREAM WORK REQUIREMENTS AND PERMIT CONDITIONS.

NOTES - PRE-STAGE:

- CONTRACTOR MUST MULCH ALL AREAS DISTURBED AS A RESULT OF TEMPORARY PAVEMENT PLACEMENT IN PRE-STAGE.
- PERIMETER EROSION BARRIER WILL BE PLACED ALONG THE PERIMETER OF THE AREA TO BE CLEARED AND GRADED BEFORE ANY CLEARING OR GRADING TAKES PLACE.

NOTES - STAGE 1:

- ANY AREAS THAT WILL BE UNDISTURBED FOR MORE THAN 14 DAYS AND FINAL LANDSCAPING CAN NOT BE IMPLEMENTED SHALL USE TEMPORARY SEEDING AND MULCH WITHIN 7 DAYS.
- PERIMETER EROSION BARRIER WILL BE PLACED ALONG THE PERIMETER OF THE AREA TO BE CLEARED AND GRADED BEFORE ANY CLEARING OR GRADING TAKES PLACE.
- FINAL LANDSCAPING RESTORATION AT COMPLETED ROADWAY SECTION SHALL BE IMPLEMENTED UPON COMPLETION OF THAT STAGE 1 SECTION CONSTRUCTION. SEE LANDSCAPING PLAN FOR FINAL RESTORATION.

NOTES - STAGE 2:

- MAINTAIN PERIMETER EROSION BARRIER WHICH WERE INSTALLED DURING PRE-STAGE AND STAGE I.

NOTES - STAGE 3:

- ALL EROSION CONTROL ITEMS INSTALLED IN PREVIOUS STAGES INCLUDING PERIMETER EROSION BARRIER SHALL BE MAINTAINED UNTIL CONSTRUCTION IS COMPLETED. EROSION CONTROL ITEMS INSTALLED IN PREVIOUS STAGES NOT SHOWN FOR CLARITY.
- ANY AREAS THAT WILL BE UNDISTURBED FOR MORE THAN 14 DAYS AND FINAL LANDSCAPING CAN NOT BE IMPLEMENTED SHALL USE TEMPORARY SEEDING AND MULCH WITHIN 7 DAYS.
- PERIMETER EROSION BARRIER WILL BE PLACED ALONG THE PERIMETER OF THE AREA TO BE CLEARED AND GRADED BEFORE ANY CLEARING OR GRADING TAKES PLACE.
- PRE-STAGE EROSION CONTROL MEASURES SHALL BE UTILIZED DURING STAGE 3 WHENEVER IS POSSIBLE. MAINTAIN EROSION CONTROL ITEMS UNTIL COMPLETION OF CONSTRUCTION.
- FINAL LANDSCAPING RESTORATION AT COMPLETED ROADWAY SECTION SHALL BE IMPLEMENTED UPON COMPLETION OF STAGE 3 SECTION CONSTRUCTION. SEE LANDSCAPING PLAN FOR FINAL RESTORATION.
- REPLACEMENT OF TEMPORARY EROSION CONTROL SEEDING WITH MULCH METHOD 3A SHALL BE INSTALLED WITHIN 24 HOURS OF INSTALLATION OF PROPOSED DRAINAGE ITEMS AND SHALL BE INCIDENTAL.


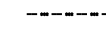






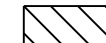
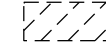

NOTES - STAGE 4:

- PERIMETER EROSION BARRIER WILL BE PLACED ALONG THE PERIMETER OF THE AREA TO BE CLEARED AND GRADED BEFORE ANY CLEARING OR GRADING TAKES PLACE.
- FINAL LANDSCAPING RESTORATION AT COMPLETED ROADWAY SECTION SHALL BE IMPLEMENTED UPON COMPLETION OF STAGE 1 CONSTRUCTION. SEE LANDSCAPING PLAN FOR FINAL RESTORATION.

NOTE:

- THE USE OF ABOVE GRADE INLET FILTER CAN BE REPLACED WITH THE DROP INLET FILTER WITH THE APPROVAL OF THE ENGINEER.

LEGEND

	PERIMETER EROSION BARRIER (PEB)
	TEMPORARY FENCE
	TEMPORARY EROSION CONTROL SEEDING WITH MULCH METHOD 3A
	HEAVY DUTY EROSION CONTROL BLANKET
	SODDING, SALT TOLERANT
	TEMPORARY DITCH CHECK
	* ABOVE GRADE INLET FILTER
	TEMPORARY CONSTRUCTION
	PERMANENT CONSTRUCTION
	CONSTRUCTION WORK ZONE
	FLOW ARROWS

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		DRAWN - M.P.	REVISED -
		CHECKED - W.H.I.	REVISED -
		DATE - 03/13/13	REVISED -

F. As RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
330	103R-3	COOK	932	191
ER-01			CONTRACT NO. 60F05	
ILLINOIS FED. AID PROJECT				