

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
870	534 R-1-T	WILL	42	20
FED. ROAD DIST. NO. 1		ILLINOIS	FED. AID PROJECT	

THE CONTRACTOR WILL BE REQUIRED TO IMPLEMENT AND MAINTAIN EROSION CONTROL MEASURES IMMEDIATELY AFTER INSTALLATION OF COFFERDAM.

ALL CONSTRUCTION ACTIVITIES SHALL BE IN ACCORDANCE WITH THE NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM STORM WATER PERMIT.

THE CONTRACTOR SHALL TAKE ALL PRECAUTIONS TO PREVENT POLLUTION OF STORM WATER AND SHALL FOLLOW IEPA & IDOT CONSTRUCTION MEMORANDUM NO. 95-60.

EROSION CONTROL SHALL BE PROVIDED IN ACCORDANCE WITH SEQUENCE OF STAGE CONSTRUCTION.

ALL PERIMETER EROSION BARRIER SHALL BE PLACED IN STAGE I, IF REQUIRED IN STAGE II IT SHALL BE LEFT IN PLACE. IT SHALL ONLY BR REPLACED IF DAMAGED, AT THE DIRECTION OF THE ENGINEER

THE WILL/SOUTH COOK SOIL AND WATER CONSERVATION DISTRICT (WSCSWCD) IS RESPONSIBLE FOR CONDUCTING SITE VISITS AND VERIFYING THAT THE PRACTICES ARE WORKING PROPERLY AND DETERMINE IF ADDITIONAL PRACTICES ARE NEEDED FOR BETTER SOIL EROSION AND SEDIMENT CONTROL. THE CONTRACTOR IS RESPONSIBLE FOR THE INSTALLATION OF ANY ADDITIONAL EROSION CONTROL MEASURES NECESSARY TO PREVENT EROSION AND SEDIMENTATION AS DETERMINED BY THE WSCSWCD.

WSCSWCD MUST BE NOTIFIED ONE WEEK PRIOR TO THE PRE-CONSTRUCTION CONFERENCE, ONE WEEK PRIOR TO THE COMMENCEMENT OF THE LAND DISTURBING ACTIVITIES, AND ONE WEEK PRIOR TO FINAL INSPECTION.

UNLESS OTHERWISE INDICATED, ALL VEGETATIVE AND STRUCTURAL EROSION AND SEDIMENT CONTROL PRACTICES WILL BE CONSTRUCTED ACCORDING TO MINIMUM STANDARDS AND SPECIFICATIONS IN THE ILLINOIS URBAN MANUAL REVISED FEBRUARY 2002.

A COPY OF THE APPROVED EROSION AND SEDIMENT CONTROL PLAN SHALL BE MAINTAINED ON THE SITE AT ALL TIMES.

DURING DEWATERING OPERATIONS, WATER WILL BE PUMPED INTO SEDIMENT BASINS OR SILT TRAPS. DEWATERING INTO DRAIN TILES IS STRICTLY PROHIBITED. COMPROMISED DRAIN TILES SHOULD BE IMMEDIATELY REPAIRED OR INCORPORATED INTO STORM WATER FACILITIES.

ALL DROP INLETS ON AND ADJACENT TO THE SITE MUST HAVE A SEDIMENT TRAPPING OR CONTAINMENT DEVICE INSTALLED DURING CONSTRUCTION ACTIVITIES.

ALL EROSION CONTROL MEASURES MUST BE INSPECTED WEEKLY AND AFTER EACH 1/2" RAIN EVENT.

EROSION CONTROL BLANKET AND/OR STRAW MULCH WITH NETTING (DEPENDING ON SLOPE, SLOPE LENGTH, AND FLOW RATES) SHALL BE INSTALLED ON ALL SLOPES AND IN CRITICAL AREAS IMMEDIATELY

THE SILT CURTAIN CONSISTS OF A NONWOVEN, SPUNBONDED MATERIAL WITH A BALLAST CHAIN EMBEDDED IN THE BOTTOM OF THE CURTAIN RESTING ON THE STREAM OR LAKE FLOOR APPROPRIATELY SIZED RIP RAP THAT KEEPS THE BOTTOM OF THE CURTAIN IN CONTACT WITH THE BOTTOM OF THE STREAM CAN BE SUBSTITUTED FOR A SEWN-IN CHAIN BALLAST. THE CURTAIN IS TO BE AT LEAST ONE FOOT LONGER THAN THE DEPTH OF THE WATER TO ALLOW FOR MOVEMENT IN THE CURTAIN AND WATER DEPTH CHANGES.

SILT CURTAINS CAN BE ANCHORED WITH ROPES AND WEIGHTS IN STREAMS WITH A VELOCITY LESS THAN 0.5 FT/SEC, LAKES AND PONDS

STREAMS WITH VELOCITIES BETWEEN 0.5 FT/SEC AND 1.0 FT/SEC MAY NEED ADDITIONAL MECHANICALLY DRIVEN PILE ANCHORING. ONE PILE, ANCHORED INTO THE UPSTREAM CORNER, WITH THE OTHER CORNER ANCHORED WITH ROPES AND WEIGHTS. THE PILE SHOULD BE OF ADEQUATE STRENGTH AND MATERIAL.

IN STREAMS OF 1.0 FT/SEC TO 3.0 FT/SEC, TWO PILES SHOULD BE USED; ONE IN THE UPSTREAM LOCATION AND ONE IN THE DOWNSTREAM LOCATION. STEEL PILES SHOULD BE USED IN STREAMS EXCEEDING 2.0 FT/SEC, OTHERWISE TIMBER OF SUFFICIENT SIZE CAN BE SUBSTITUTED. STREAMS WITH VELOCITIES EXCEEDING 3.0 FT/SEC, DO NOT REQUIRE SILT CURTAINS. THE SILT CURTAINS WILL CAUSE MORE HARM THAN GOOD IN THESE FAST MOVING STREAMS. THE PERFORMANCE OF THE STRENGTH OF THE TIMBER AND THE OVERALL PERFORMANCE OF THE ANCHORING ARE TO BE EVALUATED BY THE RESIDENT ENGINEER.

A PLAN OF THE ASSEMBLY SHOULD BE INCLUDED IN THE CONSTRUCTION DOCUMENTS. IT SHOULD INDICATE AREAS TO PROTECT AND ANY NECESSARY PILES.

WATER PUMPED FROM BEHIND THE SILT CURTAIN MUST BE DISCHARGED AT LEAST 160 FEET FROM THE STREAM OR LAKE AND INTO A STABLE SPILL PAD OF ROCKFILL, WEIGHTED TIMBERS, OR PLYWOOD, LOCATED IN A WELL-VEGETATED AREA TO PREVENT LOCALIZED EROSION

REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION ILLINOIS ROUTE 53 OVER LILY CACHE CREEK EROSION CONTROL GENERAL NOTES
NAME	DATE	
		SCALE: VERT. HORIZ. DATE
DRAWN BY		CHECKED BY