

SOIL EROSION AND SEDIMENT CONTROL NOTES

J-HOOKS SHALL BE UTILIZED AT THE END OF PERIMETER EROSION BARRIER (SILT FENCE) PLACED ALONG SLOPES EXCEEDING 10% IN ACCORDANCE WITH STANDARD 280001.

ALL MATERIALS USED FOR TEMPORARY CONSTRUCTION ACTIVITIES WILL BE REMOVED TO UPLAND AREAS IMMEDIATELY FOLLOWING COMPLETION OF THE CONSTRUCTION ACTIVITY.

ANY MECHANIZED CLEARING OF VEGETATION IN THE UTILITY CORRIDOR SHALL BE SCHEDULED NO MORE THAN SEVEN (7) CALENDAR DAYS PRECEDING INSTALLATION OF THE UTILITY LINE IN THAT SEGMENT OF THE CORRIDOR. IN NO CASE SHALL VEGETATION IN THE ENTIRE CORRIDOR BE CLEARED PRIOR TO INSTALLATION OF THE UTILITY LINE.

THE WORK DESCRIBED ON THESE DRAWINGS IS AN INTEGRAL PART OF THE STORM WATER POLLUTION PREVENTION PLAN USED TO OBTAIN AN NPDES PERMIT FOR THE CONSTRUCTION OF THE PROJECT.

ALL WORK SHALL BE DONE IN ACCORDANCE WITH SECTION 280 OF THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, LATEST REVISION. ALL SEDIMENT AND EROSION CONTROL MEASURES WILL BE INSTALLED PER IDOT STANDARD 280001 OR AS SPECIFIED HEREIN AND PAID FOR IN ACCORDANCE WITH SECTION 280 OF THE STANDARD SPECIFICATIONS. ALL CONSTRUCTION ACTIVITIES SHALL BE IN ACCORDANCE WITH THE NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM STORMWATER PERMIT NO ILR10, AND THE ILLINOIS URBAN MANUAL REVISED JANUARY, 2010.

SEDIMENT AND EROSION CONTROL DEVICES SHALL BE INSTALLED AND FUNCTIONAL PRIOR TO COMMENCING LAND DISTURBING ACTIVITIES.

WATER PUMPED OR OTHERWISE DISCHARGED FROM THE SITE DURING CONSTRUCTION DEWATERING SHALL BE FILTERED INTO A SILT BAG PROTECTED WITH SECONDARY MEASURES TO THE SATISFACTION OF THE ENGINEER. DEWATERING DIRECTLY INTO THE DES PLAINES RIVER IS PROHIBITED.

A STABILIZED MAT OF AGGREGATE UNDERLAIN WITH FILTER CLOTH (OR OTHER APPROPRIATE MEASURES) SHALL BE LOCATED AT ANY POINT WHERE TRAFFIC WILL BE ENTERING OR LEAVING A CONSTRUCTION-SITE OF A MAJOR DEVELOPMENT TO OR FROM A PUBLIC RIGHT-OF-WAY OR ROADWAY. ANY SEDIMENT OR SOIL REACHING AN IMPROVED PUBLIC RIGHT-OF-WAY OR ROADWAY AREA SHALL BE REMOVED BY SCRAPING OR STREET CLEANING AS ACCUMULATIONS WARRANT AND TRANSPORTED TO A CONTROLLED SEDIMENT DISPOSAL AREA.

QUALIFIED PERSONNEL SHALL INSPECT DISTURBED AREAS OF THE CONSTRUCTION SITE THAT HAVE NOT BEEN FINALLY STABILIZED, STRUCTURAL CONTROL MEASURES, AND LOCATIONS WHERE VEHICLES ENTER OR EXIT THE SITE AT LEAST ONCE EVERY SEVEN CALENDAR DAYS AND WITHIN 24 HOURS OF THE END OF A STORM THAT IS 0.5 INCHES OR GREATER OR EQUIVALENT SNOWMELT. STRUCTURAL CONTROL MEASURES, LOCATIONS WHERE VEHICLES ENTER OR EXIT, AND ALL DISTURBED AREAS SHOULD ALSO BE INSPECTED AFTER SIGNIFICANT SNOWMELT.

ALL CONTROL MEASURES SHALL BE KEPT OPERATIONAL AND MAINTAINED CONTINUOUSLY THROUGHOUT THE PERIOD OF LAND DISTURBANCE UNTIL PERMANENT SEDIMENT AND EROSION CONTROL MEASURES ARE OPERATIONAL.

THE EROSION CONTROL MEASURES SHOWN ARE BUT A GRAPHICAL REPRESENTATION OF SUGGESTED MEASURES. DEVIATIONS FROM THIS PLAN ARE TO BE EXPECTED AND SHOULD ADDRESS SPECIFIC PROJECT AREA CONCERNS AS DIRECTED BY THE ENGINEER.

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 NOT LONGER NEEDED. TRAPPED SEDIMENT AND OTHER DISTURBED SOIL AREAS SHALL BE PERMANENTLY STABILIZED.

THE USE OF STRAW OR HAY BALES IS NOT PERMITTED FOR USE IN INLET AND PIPE PROTECTION.

WHERE CONCENTRATED FLOW LEAVES THE PROJECT SITE, THE PERIMETER EROSION BARRIER SHALL CONSIST OF ROLLED EXCELSIOR.

STOCKPILES OF SOIL AND OTHER CONSTRUCTION MATERIALS TO REMAIN IN PLACE FOR MORE THAN THREE (3) DAYS SHALL BE BORDERED WITH PERIMETER EROSION BARRIER. STOCKPILES TO REMAIN IN PLACE FOR 30 DAYS OR MORE SHALL RECEIVE TEMPORARY SEEDING.

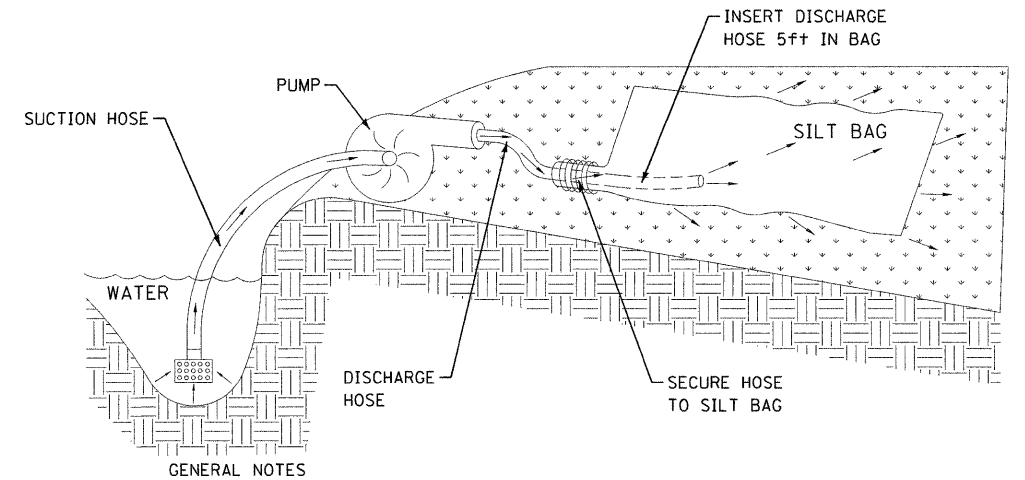
TEMPORARY CONCRETE WASHOUT FACILITIES SHALL BE PROVIDED ON-SITE AND SHALL LOCATED AT THE DIRECTION OF THE ENGINEER. THE INSTALLATION, MAINTENANCE, AND PROPER DISPOSAL SHALL BE CONSIDERED IN THE COST OF THE CONTRACT.

TEMPORARY EROSION CONTROL SEEDING SHALL BE PROVIDED AT ALL ERODIBLE BARE EARTH AREAS.

ALL EROSION CONTROL MEASURES SHALL BE IN ACCORDANCE WITH THE REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND OF THE APPLICABLE STATE STANDARDS FOR THE ENTIRE DURATION OF THE CONTRACT, OR UNTIL SUCH A TIME AS DIRECTED BY THE ENGINEER.

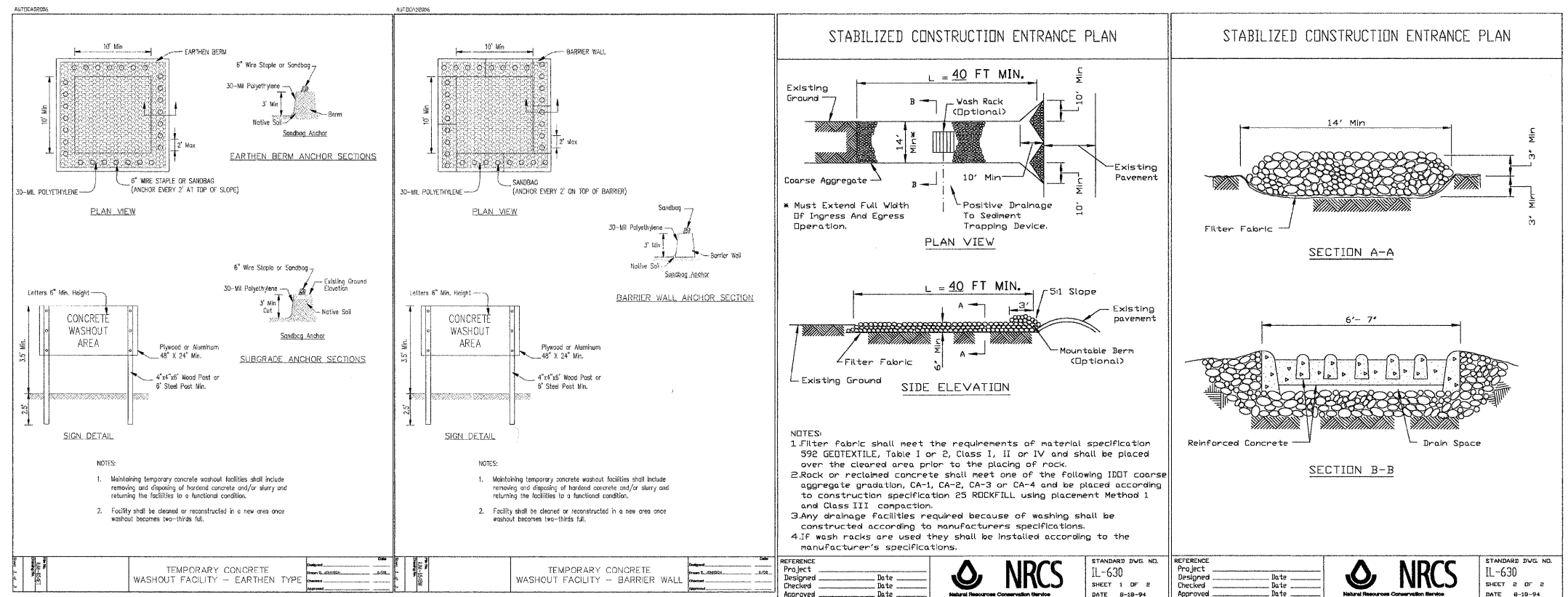
AT ANY AREA WHERE THERE IS NO PROPOSED GRADING, THE EXISTING GROUND COVER SHALL REMAIN.

THIS PROJECT WILL REQUIRE AUTHORIZATION UNDER (SWPPP) PERMIT



- SILT BAGS SHALL BE PROVIDED AT EACH LOCATION WHERE WATER IS PUMPED ON SITE. THE SILT BAG SYSTEM IS USED TO COLLECT SEDIMENT CONTAINED IN THE DISCHARGED WATER, TO PREVENT THE SCOUR AND EROSION FROM WATER EXITING A PIPE AT HIGH VELOCITY, TO DEFUSE THE WATER OVER A WIDER AREA TO MINIMIZE EROSION AS THE WATER DRAINS AWAY, AND TO RETAIN OIL CONTAINED WITHIN EFFLUENT.
- THE SILT BAG SHALL BE INSTALLED ACCORDING TO THE MANUFACTURER'S SPECIFICATIONS AND SHALL BE LOCATED ON THE GROUND OR ON A TRAILER OVER A RELATIVELY LEVEL AND STABILIZED AREA.
- THE SILT BAG SHALL BE REPLACED WHEN HALF FULL OF SEDIMENT OR WHEN THE SEDIMENT HAS REDUCED THE FLOW RATE OF THE PUMP DISCHARGE TO AN IMPRACTICAL AMOUNT. ACCUMULATED SEDIMENT SHALL BE PROPERLY DISPOSED AND SHALL NOT OCCUR NEAR WATERWAYS AND/OR ENVIRONMENTALLY SENSITIVE AREAS.
- THE COST OF LABOR, EQUIPMENT, AND MATERIALS NECESSARY TO INSTALL, MAINTAIN, AND DISPOSE OF SILT BAG SHALL BE INCLUDED IN THE COST OF THE EROSION CONTROL PAY ITEMS.

SILT BAG FOR DEWATERING



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USER NAME = Zbookd	DESIGNED - DJB	REVISED -
PLOT SCALE = 20.00' / IN.	DRAWN - ENTRAN	REVISED -
PLOT DATE = 10/11/2011	CHECKED - DAK	REVISED -
	DATE - 09/07/11	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**PUMP STATION 24 STORM SEWER IMPROVEMENTS
EROSION AND SEDIMENT CONTROL DETAILS**

SCALE: 20.00' / IN. SHEET NO. OF SHEETS STA. TO STA.

F.A.I. RTE. 190	SECTION 0102.5-T	COUNTY COOK	TOTAL SHEETS 41	SHEET NO. 25
CONTRACT NO. 60F90				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



STANDARD DWG. NO. IL-630 SHEET 1 OF 2 DATE 0-18-94



STANDARD DWG. NO. IL-630 SHEET 2 OF 2 DATE 0-18-94