

**EROSION AND SEDIMENT CONTROLS
GENERAL NOTES (CONTD.)**

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80/94	*	COOK	631	185
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
* (2425 & 2626) R-2			CONTRACT NO. 62111	

11. SEDIMENT TRAPS, SEDIMENT BASINS, DITCHES, SEDIMENT CONTROL, SILT FENCE, STONE OUTLET STRUCTURES, EARTH BERMS, ETC. SHALL BE MAINTAINED DURING THE CONSTRUCTION SEASON AS WELL AS THE WINTER MONTHS AND OTHER TIMES WHEN THE PROJECT IS CLOSED DOWN. TRAPS WILL BE CLEANED WHEN THEY ARE 50% FILLED, SILT FENCE AND STONE OUTLET STRUCTURES SHALL HAVE SEDIMENT REMOVED WHEN IT REACHES 50% THE HEIGHT OF THE CONTROL DEVICE. THESE SPOILS WILL BE REMOVED TO AN APPROVED SITE.
12. SALVAGED TOPSOIL SHALL BE PLACED ON WELL DRAINED LAND AWAY FROM INTERMITTENT AND LIVE STREAMS OR WETLANDS WITH THE APPROPRIATE RUNOFF CONTROL AND SEDIMENT CONTROL MEASURES INSTALLED AROUND THE STORAGE SITE, AND STABILIZED IMMEDIATELY AFTER FINAL SHAPING OF THE PILE IN ACCORDANCE WITH MULCH, METHOD 2. THE CONTRACTOR WILL PROVIDE AN ADEQUATE QUANTITY OF SILT FENCE TO CONTROL THE PERIMETER OF THE STOCKPILE.
13. MATERIALS EXCAVATED FOR THE CONSTRUCTION OR CLEANOUT OF SEDIMENT TRAPS OR SEDIMENT BASINS SHALL NOT BE STOCKPILED IN THE (VICINITY) OF THE TRAP OR BASIN. IT WILL EITHER BE PLACED IN AN EMBANKMENT OR WASTED AS DIRECTED BY THE ENGINEER.
14. EXCAVATION TO BE USED FOR EMBANKMENTS SHALL NOT BE STOCKPILED UNLESS PERIMETER CONTROLS ARE UTILIZED. WHEN THIS MATERIAL IS STOCKPILED FOR THE CONVENIENCE OF THE CONTRACTOR THE COST OF THE CONTROLS ARE BORNE BY THE CONTRACTOR. IF THE MATERIAL IS STOCKPILED AT THE DIRECTION OF THE ENGINEER THE DEPARTMENT WILL ASSUME THE COSTS OF THE CONTROLS.
15. SEDIMENT LADEN DEWATERING DISCHARGE MUST BE DIRECTED TO AN APPROVED SEDIMENT TRAPPING MEASURE PRIOR TO RELEASE FROM THE SITE.
16. WHEN THE CONTRACTOR REQUESTS A CHANGE TO POSTPONE COMPLETION OF THE EXCAVATION OF A SPECIFIC AREA AS A CONTINUOUS OPERATION AND PLACING THE TOPSOIL AS DEFINED IN THE STANDARD SPECIFICATIONS, THE ENGINEER MAY ALLOW THE CONTRACTOR TO STABILIZE THE AREA USING TEMPORARY STABILIZATION WITH STRAW MULCH PROVIDING THE FOLLOWING CONDITIONS ARE MET:
 - (A) ALL AREAS BEING STABILIZED ARE 3:1 SLOPES OR FLATTER.
 - (B) THE CONTRACTOR BEARS THE COST OF PREPARING THE SEED BED AND STABILIZING THE AREA WITH TEMPORARY STABILIZATION WITH STRAW MULCH.
 - (C) ALL REQUIRED SEDIMENT CONTROL MEASURES FOR THE SECTION OF ROAD IN QUESTION HAVE BEEN INSTALLED AND ARE BEING MAINTAINED.
17. SEEDING USAGE

CLASS 2A SALT TOLERANT ROADSIDE MIX USED FOR NEW CONSTRUCTION OF LIMITED ACCESS ROUTES INTENDED TO BE MOWED BY IDOT.

CLASS 4 USED ON PERMANENT 1:2 SLOPES AND 1:3 SLOPES HIGHER THAN 3 METERS.

TEMPORARY EROSION CONTROL SEEDING USED ON SHORT TERM TEMPORARY SEEDING.

TOP SOIL PLACEMENT:
TOPSOIL WILL BE PLACED ON FINAL SLOPES WHICH WILL NOT BE DISTURBED BY FUTURE CONSTRUCTION. TOPSOIL WILL NOT BE PLACED ON SURFACES WHICH WILL BE PAVED IN THE FUTURE NOR ON TEMPORARILY STEEP SLOPES.
19. WEED CONTROL FOR TEASEL WILL BE REQUIRED FOR THIS PROJECT. A REPRESENTATIVE FROM IDOT'S ROADSIDE DEVELOPMENT UNIT WILL DETERMINE LOCATIONS ON SITE AT THE START OF CONSTRUCTION. PAY ITEMS HAVE BEEN INCLUDED IN THE SUMMARY OF QUANTITIES.
20. INLET FILTERS ARE REQUIRED FOR THE STRUCTURES SHOWN ON THE PLANS. STRUCTURE OPENINGS VARY SUCH THAT FIELD MEASUREMENT AND/OR CONTRACTOR DESIGN WILL BE REQUIRED. COST OF DESIGN, LABOR AND MATERIALS WILL NOT BE PAID FOR SEPARATELY, BUT WILL BE INCLUDED IN THE CONTRACT UNIT PRICE PER EACH FOR "INLET FILTER".
21. THE CONSTRUCTION LIMITS WILL BE STAKED BY THE ENGINEER PRIOR TO COMMENCING CONSTRUCTION. THE CONSTRUCTION LIMITS MAY BE ADJUSTED BY THE ENGINEER TO PRESERVE TREES AND NO ADDITIONAL COMPENSATION WILL BE PAID TO THE CONTRACTOR FOR CHANGED CONSTRUCTION LIMITS.
22. THE RESIDENT ENGINEER SHALL HAVE FINAL DETERMINATION OF THE PLACEMENT AND LOCATION OF THE SEDIMENT CONTROL, SILT FENCE.
23. SEE EROSION AND SEDIMENT CONTROL FINAL CONDITIONS PLANS FOR PLACEMENT OF ALL FINAL EROSION AND SEDIMENT CONTROL PAY ITEMS.
24. SEE PROPOSED DRAINAGE PLANS FOR FINAL DRAINAGE STRUCTURE, STORM SEWER AND PIPE CULVERT INFORMATION.
25. SEE EXISTING DRAINAGE AND UTILITY PLANS FOR INFORMATION CONCERNING THE REMOVAL, ADJUSTMENT, RECONSTRUCTION, ETC. OF EXISTING STRUCTURE AND PIPES.
26. DRAINAGE STRUCTURES AND PIPES REQUIRED TO FACILITATE CONSTRUCTION STAGING OPERATIONS ARE SHOWN ON THE EROSION CONTROL PLANS BY THE STAGES OF CONSTRUCTION, AND IS A SUGGESTED SEQUENCING OF DRAINAGE INSTALLATION. THE ACTUAL NEED FOR TEMPORARY DRAINAGE FACILITIES, AS WELL AS THE STAGING OF THE PERMANENT DRAINAGE SYSTEM CONSTRUCTION, MAY BE MODIFIED BY THE RESIDENT ENGINEER, WHO SHALL BE CONSULTED BEFORE THE INSTALLATION. TEMPORARY STRUCTURE AND PIPE TABLES FOR THIS WORK ARE SHOWN ON THE EROSION CONTROL PLANS.
27. AS DETERMINED BY THE CONTRACTOR, SOME OF THE PROPOSED DRAINAGE STRUCTURES WILL BE STAGE CONSTRUCTED VERTICALLY TO FACILITATE CONSTRUCTION OPERATIONS. IF THE TOP SLAB OF THE STRUCTURE MUST BE PLACED AT AN INTERIM ELEVATION, THE TOP SLAB WILL THEN BE REMOVED AND THE REMAINING PORTION OF THE STRUCTURE ADDED AND THE TOP SLAB RE-INSTALLED IN A LATER STAGE. THE COST OF STAGE CONSTRUCTING DRAINAGE STRUCTURES VERTICALLY WILL NOT BE PAID FOR SEPARATELY, BUT WILL BE INCLUDED IN THE CONTRACT UNIT PRICE PER EACH FOR THE DRAINAGE STRUCTURE OF THE TYPE SPECIFIED IN THE PLANS.
28. EROSION CONTROL MEASURES SHALL BE REMOVED ONLY WHERE INDICATED ON THE PLANS, OR DIRECTED BY THE ENGINEER, COST OF REMOVAL SHALL NOT BE PAID FOR SEPARATELY, BUT WILL BE INCLUDED IN THE CONTRACT UNIT PRICE FOR THE TYPE OF MEASURE INDICATED ON THE PLANS.

EROSION AND SEDIMENT CONTROL (ESC) STRATEGY

INSTALL THE PERMANENT AND TEMPORARY EROSION CONTROL MEASURES ACCORDING TO THE EROSION AND SEDIMENT CONTROL SHEETS.

- DISTURBED AREA:
- EXPRESSWAY: 8.45 HA
 - RAILROAD AVENUE: 1.72 HA
 - BURNHAM AVENUE: 0.63 HA
 - 175TH STREET: 0.21 HA
 - BERNICE AVENUE: 0.16 HA

**EROSION AND SEDIMENT CONTROL AT SHOULDER WIDENING AREAS
(IMPACT ATTENUATORS AND STABILIZED CONSTRUCTION ENTRANCES)**

THE CONTRACTOR SHALL COMPLETE THE SHOULDER WIDENING OPERATION WITHIN FIVE (5) CALENDER DAYS, ACCOMPLISHING THE FOLLOWING IN THE ORDER:

1. PLACE TEMPORARY DITCH CHECKS DOWNSTREAM OF THE WORK AREA.
2. TOPSOIL EXCAVATION AND PLACEMENT (TOPSOIL REMOVAL)
3. EARTH EXCAVATION (CUT AND FILL TO RELOCATE DITCH)
4. TEMPORARY EROSION CONTROL SEEDING OR SEEDING CLASS 2A
5. EROSION CONTROL BLANKET OVER DISTURBED SITE
6. EROSION CONTROL, TEMPORARY PIPE SLOPE DRAIN AT THE LOW POINT OF THE WIDENED SHOULDER.
7. SEDIMENT CONTROL, SILT FENCE AT EDGE OF WIDENEN SHOULDER. SILT FENCE EXTENDS 3.0 METERS BEYOND THE DISTURBED AREA.

12.3.4.5.6.18.9.0.11.12.13.14.15.16.17.18.19.20.21.22.23.24.25.26.27.28.29.30.31.32.33.34.35.36.37.38.39.40.41.42.43.44.45.46.47.48.49.50.51.52.53.54.55.56.57.58.59.60.61.62.63
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REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
F.A.I. ROUTE 80/94 (KINGERY EXPRESSWAY)
EB & WB INSIDE LANES (MAINLINE) CONSTRUCTION
COOK COUNTY

**EROSION AND SEDIMENT CONTROL
GENERAL NOTES AND STRATEGY**

SCALE: NONE
DATE: 8/22/05

DRAWN BY: SN
CHECKED BY: MD

TENG
ENGINEERS/ARCHITECTS/PLANNERS
CHICAGO, ILLINOIS