

FAI RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80/94	0203.1B	COOK	200	37
STA.		TO STA.		
FED ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

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

11. SEDIMENT TRAPS, SEDIMENT BASINS, DITCHES, SEDIMENT CONTROL, SILT FENCE, STONE OUTLET STRUCTURES, EARTH BERMS, ETC. SHALL BE INSPECTED REGULARLY AND MAINTAINED DURING THE CONSTRUCTION SEASON AS WELL AS THE WINTER MONTHS AND OTHER TIMES WHEN THE PROJECT IS CLOSED DOWN. SEDIMENT SHALL BE REMOVED AND THE TRAP RESTORED TO ITS ORIGINAL DIMENSIONS WHEN SEDIMENT HAS ACCUMULATED TO ONE-HALF THE DESIGN DEPTH OF THE TRAP. ALL SEDIMENTS SHALL BE REMOVED TO AN APPROVED SITE. 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.
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 NATIVE GRASS AND FORB MIX USED ON ALL INACCESSIBLE AREAS, IN WIDE RIGHT-OF-WAY AREAS OR INTERCHANGES, SLOPES STEEPER THAN 3:1 (GREATER THAN 10 FEET IN HEIGHT), AND ALL SLOPES STEEPER THAN 2:1 (GREATER THAN 6 FEET IN HEIGHT).
18. TEMPORARY EROSION CONTROL SEEDING USED ON SHORT TERM TEMPORARY SEEDING.
19. 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.
20. SEDIMENT CONTROL DRAINAGE STRUCTURE INLET FILTER SHALL BE INSTALLED AND MAINTAINED AT EACH EXISTING AND PROPOSED INLET WITHIN THE PROJECT LIMITS.
21. INLET AND PIPE PROTECTION: INSPECT REGULARLY AND AFTER EVERY STORM. MAKE REPAIRS AS NECESSARY TO ENSURE THAT THE MEASURE IS IN GOOD WORKING ORDER. CLEAN OR REMOVE AND REPLACE THE FILTER FABRIC IF IT BECOMES CLOGGED. WORK IS INCLUDED IN COST OF INLET AND PIPE PROTECTION.

EROSION AND SEDIMENT CONTROLS (ESC) STRATEGY

DISTURBED AREA:

RAMP G, STA. 120+050 TO STA. 121+050, .87 HA
RECEIVING WATERS: STORM SEWER AND DITCH FLOW NORTH TO THORN CREEK

1. CONSTRUCT TEMPORARY FENCE ALONG CONSTRUCTION LIMITS WHERE NOTED ON "DURING CONSTRUCTION" PANEL.
2. ERECT PERIMETER EROSION BARRIER (PEB) AS SHOWN IN THE "DURING CONSTRUCTION" PANEL TO SEPARATE THE EXISTING DITCH FLOW FROM THE DISTURBED AREA.
3. CUT AND/OR FILL FOR TEMPORARY DITCHES.
4. STABILIZE TEMPORARY DITCHES WITH TEMPORARY EROSION CONTROL SEEDING.
5. ADD TEMPORARY DITCH CHECK, URETHANE FOAM/GEOTEXTILE (TDC, UP/G) IN TEMPORARY DITCHES AT 250mm VERTICAL INCREMENTS, OR WHERE LOCATED ON PLANS.
6. CONSTRUCT INLET AND PIPE PROTECTION AS SHOWN IN THE "DURING CONSTRUCTION" PANEL.
7. CONSTRUCT EMBANKMENT IN ACCORDANCE WITH THE EROSION AND SEDIMENT CONTROL (ESC) GENERAL NOTES.
8. THE SEDIMENT CONTROL, SILT FENCE, TEMPORARY DITCH CHECKS, AND DRAINAGE STRUCTURE INLET FILTERS WILL REMAIN IN PLACE AT THE END OF THE CONTRACT.
9. SEED AND STABILIZE AS SHOWN IN THE "FINAL CONDITION" PANEL
SEEDING USAGE:

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

CLASS 4 NATIVE GRASS AND FORB MIX USED ON ALL INACCESSIBLE AREAS, IN WIDE RIGHT-OF-WAY AREAS OR INTERCHANGES, SLOPES STEEPER THAN 3:1 (GREATER THAN 10 FEET IN HEIGHT), AND ALL SLOPES STEEPER THAN 2:1 (GREATER THAN 6 FEET IN HEIGHT).

EC-2

ILLINOIS DEPARTMENT OF TRANSPORTATION
I-80/94 WB FLYOVER RAMP
TO SB IL 394 (RAMP G)

**EROSION AND SEDIMENT CONTROLS
GENERAL NOTES AND STRATEGY**

HORIZ SCALE: NONE
VERT SCALE: NONE
DATE: MARCH 23, 2005
DRAWN BY: BAJ
CHECKED BY: MAM



REVISIONS	
NAME	DATE