

GENERAL NOTES FOR EROSION CONTROL

1. PERIMETER EROSION BARRIER SHALL BE INSTALLED AT LOCATIONS SPECIFIED IN THE PLANS AT XX FEET OUTSIDE THE TOE OF SLOPE OR INSIDE THE RIGHT-OF-WAY WHICHEVER IS CLOSER TO THE CENTERLINE, OR AS DIRECTED BY THE ENGINEER PRIOR TO THE START OF ANY EARTHWORK, CULVERT, OR STORM SEWER CONSTRUCTION.
2. THE PERIMETER EROSION BARRIER SHALL REMAIN IN PLACE UNTIL ALL DISTURBED AREAS HAVE BEEN STABILIZED WITH VEGETATION. AT THIS TIME, THE PERIMETER EROSION BARRIER SHALL BE REMOVED AND AREAS DAMAGED BY THE FENCE INSTALLATION RESTORED.
3. THE FENCE INSTALLATION, MAINTENANCE, REMOVAL AND THE RESTORATION OF THE AREA DISTURBED BY THE FENCE INSTALLATION IS INCLUDED IN THE PAY ITEM PERIMETER EROSION BARRIER.
4. HAY OR STRAW BALE DITCH CHECKS SHALL BE CONSTRUCTED AS PER STANDARD 2381 ON 100 FEET CENTERS AS SHOWN HEREON OR AS DIRECTED BY THE ENGINEER. THE DITCH CHECKS SHALL BE INSTALLED AS GRADING PROGRESSES THROUGH THE PROJECT.
5. THE PAY ITEM FOR HAY OR STRAW BALES SHALL INCLUDE THE COST OF INSTALLATION.
6. THE WORK DESCRIBED ON THESE DRAWINGS ARE AN INTEGRAL PART OF THE STORM WATER POLLUTION PREVENTION PLAN USED TO OBTAIN A NPDES PERMIT FROM IEPA FOR THE CONSTRUCTION OF THIS PROJECT.
7. THE PURPOSE OF THE EROSION AND SEDIMENT CONTROL MEASURES INCLUDED FOR THIS PROJECT IS TO LIMIT THE SEDIMENT POLLUTION IMPACT, OF ANY STORM WATER DISCHARGES THAT ORIGINATE ON THIS SITE OR OFF-SITE FLOWS THAT FLOW OVER THE DISTURBED AREAS, ON DOWNSTREAM AREAS.
8. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO INSURE THAT SEDIMENT TRANSPORT OFF THE SITE IS REDUCED BY A COMBINATION OF MINIMIZATION OF EROSION AT THE SOURCE AND INSTALLATION OF SPECIFIC MEASURES TO CONTROL OR REDUCE THE TRANSPORT OF SEDIMENT. A COPY OF THE EROSION AND SEDIMENT CONTROL SCHEDULE BEING IMPLEMENTED BY THE CONTRACTOR WILL BE ON THE CONSTRUCTION SITE AT ALL TIMES.
9. TO THE MAXIMUM EXTENT POSSIBLE, ALL FLOWS ORIGINATING OFF THE CONSTRUCTION SITE WILL BE DIVERTED AROUND DISTURBED AREAS OR WILL BE CONVEYED THROUGH THE SITE IN A MANNER THAT UNTREATED ON-SITE RUNOFF DOES NOT MIX WITH THE OFF-SITE RUNOFF.
10. ALL RUNOFF ORIGINATING ON DISTURBED AREAS ASSOCIATED WITH THIS PROJECT WILL PASS THROUGH ONE OR MORE MEASURES THAT WILL MINIMIZE THE OFF-SITE SEDIMENT IMPACTS OF THE CONSTRUCTION ACTIVITY.
11. DISTURBED AREAS ARE TO BE PROTECTED FROM EROSION IN A TIMELY MANNER. UPON COMPLETION OF GRADING OR CONSTRUCTION, THE AREA WILL BE STABILIZED (USING PERMANENT MEASURES WHEN POSSIBLE) WITHIN 7 CALENDAR DAYS. TEMPORARY STABILIZATION THROUGH USE OF GROUND COVER, MULCHING, OR OTHER APPROVED MEASURES WILL BE INSTALLED WHENEVER SITE DEVELOPMENT WORK, GRADING OR OTHER EARTH DISTURBING ACTIVITIES CEASE TO BE CONTINUOUS FOR A PERIOD EXCEEDING 14 CALENDAR DAYS. THE 7/14 DAY REQUIREMENT IS TAKEN TO MEAN THAT THE STABILIZATION OPERATION IS COMPLETE OR NEARING COMPLETION IN THE DEFINED TIME.
12. STABILIZATION OF CUT OR FILL SLOPES WITH TEMPORARY OR PERMANENT EROSION CONTROL MEASURES IS REQUIRED WHENEVER THE CUT OR FILL ACTIVITY REACHES 10 FEET VERTICALLY OR THE FINISHED SLOPE EQUALS 30 FEET, WHICHEVER IS MORE RESTRICTIVE. ONCE THE STABILIZATION MEASURES ARE INSTALLED, THE PLACEMENT OF FILL EXCAVATION ACTIVITIES ARE ALLOWED TO PROCEED.
13. THE CONTRACTOR SHALL DESIGNATE ONE OF HIS EMPLOYEES AS RESPONSIBLE FOR IMPLEMENTATION OF THE EROSION AND SEDIMENT CONTROL PLAN ON ALL DISTURBED AREAS. THIS PERSON IS TO BE KNOWLEDGEABLE ABOUT INSTALLATION AND MAINTENANCE OF THE REQUIRED MEASURES. THIS EMPLOYEE IS TO HAVE THE AUTHORITY TO CARRY OUT THE IMPLEMENTATION OF ANY INSTRUCTIONS CONCERNING THE EROSION AND SEDIMENT CONTROL PLAN GIVEN BY THE ENGINEER. ALL MEASURES WILL BE INSPECTED BY THIS INDIVIDUAL AND THE ENGINEER ON A REGULAR BASIS (AT LEAST ONCE EVERY 7 DAYS) AND AFTER RAINFALL EVENT GREATER THAN 0.5 INCHES.
14. SEDIMENT TRAPS, SEDIMENT BASINS, DITCHES, PERIMETER EROSION BARRIER, 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 75% FILLED. SILT FENCE STONE OUTLET STRUCTURES SHALL HAVE SEDIMENT REMOVED WHEN IT REACHES 75% THE HEIGHT OF THE CONTROL DEVICE. THESE SPOILS WILL BE REMOVED TO AN APPROVED SITE.
15. 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.


GENERAL NOTES FOR EROSION CONTROL CONT'D

16. 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.
17. SEDIMENT LADEN DEWATERING DISCHARGE MUST BE DIRECTED TO AN APPROVED SEDIMENT TRAPPING MEASURE PRIOR TO RELEASE FROM THE SITE.
18. ALL EROSION AND SEDIMENT CONTROL MEASURES WILL NOT BE LEFT IN PLACE. THESE MEASURES WILL BE REMOVED BY THE CONTRACTOR ON ESTABLISHMENT OF NPDES DEFINED FINAL STABILIZATION.
19. 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.
20. SEEDING USAGE
 - CLASS 7: LONG TERM TEMPORARY EROSION CONTROL SEEDING
 - CLASS 2A: SALT TOLERANT ROADSIDE MIX USED FOR NEW CONSTRUCTION OF LIMITED ACCESS ROUTES INTENDED TO BE MOWED BY IDOT.
 - CLASS 4A: USED ON PERMANENT 1:2 SLOPES AND 1:3 SLOPES HIGHER THAN 3 METERS.
21. TEMPORARY EROSION CONTROL SEEDING:

STATE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
351	537 R-1	COOK	245	59
STA. _____		TO STA. _____		
FED. ROAD DIST. NO. _____		ILLINOIS FED. AID PROJECT _____		
CONTRACT # 62880				

EROSION AND SEDIMENT CONTROL (ESC) STRATEGY

1. CLEAR AND GRUB. REMOVE EXISTING TREES AS NECESSARY. ERECT NEW SEDIMENT CONTROL (SC) SILT FENCE AS SHOWN IN THE PLAN.
2. CONSTRUCT EMBANKMENT FOR TEMPORARY PAVEMENT. STABILIZE EMBANKMENT WITH SEED AND EROSION CONTROL BLANKET. CONSTRUCT DIVERSION DIKE AT TOP OF SLOPE AND TEMPORARY PIPE SLOPE DRAIN.
3. CONSTRUCT TEMPORARY PAVEMENT AND RELOCATE TRAFFIC TO STAGE I ALIGNMENT. BEGIN STAGE I.
4. CLEAR AND GRUB. REMOVE EXISTING TREES AS NECESSARY. ERECT NEW SEDIMENT CONTROL (SC) SILT FENCE AS SHOWN IN THE PLAN.
5. ESTABLISH PROPOSED DITCH, STABILIZE WITH SEED AND EROSION CONTROL BLANKET. INSTALL TEMPORARY DITCH CHECK AT 18" VERTICAL INTERVALS. ERECT SEDIMENT CONTROL (SC) SILT FENCE ON ROADWAY SIDE OF STABILIZED DITCH TO SEPARATE NEW DITCH FROM EMBANKMENT WORK ZONE.
6. CONSTRUCT STAGE I PAVEMENT. RELOCATE TRAFFIC TO STAGE II ALIGNMENT.
7. CONSTRUCT STAGE II PAVEMENT. RELOCATE TRAFFIC TO STAGE III ALIGNMENT.
8. REMOVE TEMPORARY PAVEMENT. STABILIZE DISTURBED EMBANKMENTS.
9. ESTABLISH PROPOSED DITCH, STABILIZE WITH SEED AND EROSION CONTROL BLANKET. INSTALL TEMPORARY DITCH CHECK (SPECIAL) AT 18" VERTICAL INTERVALS. RE-USE UNITS SALVAGED FROM THE STAGE I DITCH. ERECT SEDIMENT CONTROL (SC) SILT FENCE ON ROADWAY SIDE OF STABILIZED DITCH TO SEPARATE NEW DITCH FROM EMBANKMENT WORK ZONE.
10. CONSTRUCT STAGE III PAVEMENT. STABILIZE DISTURBED EMBANKMENTS SWITCH TRAFFIC TO FINAL ALIGNMENT.
11. WHEN FINAL STABILIZATION IS ESTABLISHED, REMOVE TEMPORARY PIPE SLOPE DRAINS AND TEMPORARY DITCH CHECKS (SPECIAL). OBLITERATE DIVERSION DIKES AND STABILIZE DISTURBED AREA.

REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION US RTE 6 (159TH ST) AT US RTE 45 (LAGRANGE RD)
NAME	DATE	
		TEMP. EROSION CONTROL PLAN GENERAL NOTES
SCALE: N/A		DRAWN BY: RCH
DATE: 7-07-06		CHECKED BY: RCH
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