ALL DIMENSIONS IN METERS EXCEPT PAY ITEMS AND UNLESS NOTED OTHERWISE

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80/94	2626.2-R-1	COOK	452	81
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

CONTRACT NO. 62113 INDOT DES. NO. 0100987

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 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 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. ALL EROSION AND SEDIMENT CONTROL MEASURES WILL BE LEFT IN PLACE. THESE MEASURES WILL NOT BE REMOVED BY THE CONTRACTOR.

17. 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.

18. 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:

19. 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.

EROSION AND SEDIMENT CONTROL (ESC) STRATEGY

DISTURBED AREA: 4.75 HA

RECEIVING WATERS: LITTLE CALUMET RIVER

1. ERECT NEW PERIMETER EROSION BARRIER AS SHOWN IN THE PLANS.
2. ERECT CHAIN LINK FENCE TO PROTECT WETLAND, AS REFERRED TO IN NOTE 10A.
3. MAINTAIN EXISTING GROUND COVER IN AREAS NOT DISTURBED BY FOUNDATION EXCAVATION.
4. CONSTRUCT STABILIZED CONSTRUCTION ENTRANCES (SCE), CLEAN AS NECESSARY.
5. PLACE EMBANKMENT ACCORDING TO "EMBANKMENT PHASING PLAN - FILL SECTION"
6. TEMPORARY SEED AND BLANKET SIDESLOPES IN ACCORDANCE WITH ESC GENERAL NOTES AND EROSION CONTROL PLAN.
7. PLACE AGGREGATE SUBBASE, STABILIZED SUBGRADE AND CRC PAVEMENT AND SHOULDERS.
8. REMOVE AND REERECT PERIMETER EROSION BARRIER AS NECESSARY.
9. RESTABILIZE EDGE OF SHOULDER AREAS AS REQUIRED.
10. WATERING OF ALL SEEDED AREAS MAY BE REQUIRED, AND PAID FOR IN ACCORDANCE WITH ARTICLE 109.04.

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 EREA.
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.

REVISIONS	
NAME	DATE
J.P.W.	1/19/04

ILLINOIS DEPARTMENT OF TRANSPORTATION
I-80/94/US 6
KINGERY-BORMAN EXPRESSWAY
BURNHAM ROAD TO US 41

EROSION AND SEDIMENT CONTROL
GENERAL NOTES AND STRATEGY

SCALE DRAWN BY ACE/CAD
DATE 07/04 CHECKED BY TAE

AMERICAN CONSULTING ENGINEERS

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