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. 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 4A LOW PROFILE NATIVE GRASS USED IN THE INACCESSIBLE AREAS AT NORTH AND SOUTH ENDS OF PROJECT.

    TEMPORARY EROSION CONTROL SEEDING : USED IN AREAS REQUIRING SHORT TERM TEMPORARY SEEDING DURING CONSTRUCTION.

18. 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. IN AREAS WHERE A PERMANENT VEGETATIVE COVER IS PRACTICABLE AND INCLUDED IN THE CONTRACT DOCUMENTS, A SPECIAL EFFORT SHOULD BE MADE TO ESTABLISH A COVER AS SOON AS A DISTURBED AREA IS BROUGHT TO FINAL GRADE.

20. EXISTING TRACK DITCHES SHALL BE MAINTAINED AT ALL TIMES THROUGHOUT THE CONSTRUCTION PERIOD. AFTER THE CONSTRUCTION HAS BEEN COMPLETED, ALL EROSION CONTROL DEVICES MUST BE REMOVED, ALL DEPOSITS OF SILT REMOVED, AND THE DITCHES MUST BE RESTORED.

EROSION AND SEDIMENT CONTROL (ESC) STRATEGY

DISTURBED AREA: 15 ACRES
RECEIVING WATERS: McGinnis Slough

- ERECT PERIMETER EROSION BARRIER AS SHOWN ON THE PLANS, ESTABLISH STABILIZED CONSTRUCTION ENTRANCES, CLEAR AND GRUB, REMOVE EXISTING TREES AS NECESSARY.
- INSTALL INLET FILTERS AT EXISTING CATCH BASINS AND OPEN LID MANHOLES. INSTALL INLET & PIPE PROTECTION UPSTREAM OF ALL CULVERTS.
- EXCAVATE AND CONSTRUCT EMBANKMENT FOR PROPOSED TRACKS. ESTABLISH PROPOSED DITCHES, STABILIZE WITH EROSION CONTROL BLANKET AND SEEDING. INSTALL TEMPORARY DITCH CHECKS AT 18" VERTICAL INTERVALS.
- INSTALL INLET FILTERS AT 143RD STREET STRUCTURES AND AT STRUCTURES ON LAGRANGE ROAD UNDER THE EXISTING AND PROPOSED STRUCTURES.
- ESTABLISH PERIMETER EROSION BARRIER ADJACENT TO THE EXISTING TRACKS AND PLACE INLET FILTERS AT CATCH BASINS AND OPEN LID MANHOLES NORTH AND WEST OF THE EXISTING TRACKS PRIOR TO DEMO OF EXISTING TRACKS AND BRIDGE. LINE ADJACENT DITCHES WITH TEMPORARY DITCH CHECKS.
- INSPECT AND MAINTAIN ALL EROSION AND SEDIMENT CONTROL MEASURES FOR THE DURATION OF CONSTRUCTION.
- WHEN FINAL STABILIZATION IS ESTABLISHED, REMOVE ALL TEMPORARY MEASURES.

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FILE NAME = D160N09-SHT-EROS02.dgn	USER NAME = TKluegel	DESIGNED - JCL	REVISED -
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	PLOT DATE = 12/29/2010	DATE - 12/17/10	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EROSION AND SEDIMENT CONTROL
GENERAL NOTES AND STRATEGY

SCALE: NONE | SHEET NO. 2 OF 2 SHEETS | STA. | TO STA.

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
330	2010-135-I	COOK	101	28
	EN-02	CONTRACT NO. 60N09		
	ILLINOIS FED. AID PROJECT			