EROSION AND SEDIMENT CONTROLS GENERAL NOTES (CONTD.)

- 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
- 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
 - (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.

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.

F.A.I. RTE.	SECTION	COUNTY		TOT		SHEET NO.
80/94	*	COOK		- 2	31	135
STA.		TO STA.	mreature.			
FED. ROA	D DIST. NO. 1	ILLINOIS	FED.	AID F	ROJ	ECT
k(0203.1	& 0304) R-6		COI	NTRAC	T #	62105

EROSION AND SEDIMENT CONTROL (ESC) STRATEGY

RECEIVING WATERS: THORN CREEK DISTURBED AREA: 6.70 HA I-80 STA. 2+950 TO 4+500

- 1. ERECT NEW SEDIMENT CONTROL, SILT FENCE (SC.SF) AS SHOWN TO SEPARATE THE EXISTING DRAINAGE FROM FROM THE DISTURBED AREA
- 2. STRIP TOPSOIL. CONSTRUCT EMBANKMENT IN ACCORDANCE WITH THE EROSION AND SEDIMENT CONTROL (ESC) GENERAL NOTES.
- 3. SEED AND MULCH SIDESLOPES IN ACCORDANCE WITH ESC GENERAL NOTES. STABILIZE DITCHES AND SLOPES 1:3 AND GREATER WITH EROSION CONTROL BLANKET AND CLASS 4 SEEDING.
- 4- PLACE AGGREGATE SUBBASE, STABILIZED SUBGRADE AND CONTINUOUSLY REINFORCED PORTLAND CEMENT CONCRETE PAVEMENT, UNDERÖRAINS AND SHOULDERS PAVEMENT AND SHOULDERS AND TEMPORARY PAVEMENT.
- 5. TEMPORARY WATERING OF ALL SEEDED AREAS WILL 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)
- EARTH EXCAVATION (CUT AND FILL TO RELOCATE DITCH) 4. TEMPORARY EROSION CONTROL SEEDING OR SEEDING CLASS 2A
- 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.

ED-2

			McDonou Engineers /	igh Associates Inc.
			DATE: JULY 18, 2005	DRAWN BY: JPW CHECKED BY: RCH
				EDIMENT CONTROLS ES AND STRATEGY
	J.P.W.	1/19/04		
Γ	NAME	DATE	F.A.I. ROUTE 80/94	(INTERSTATE 80/294)
	REVISIONS			NT OF TRANSPORTATION