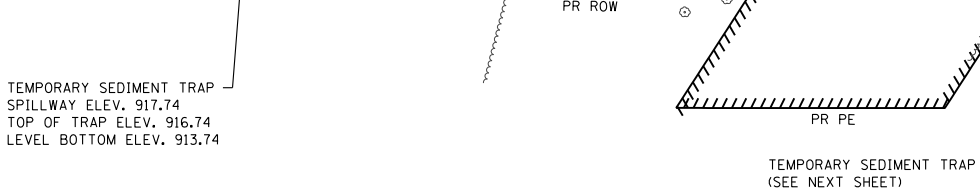


- NOTES:
1. PLACE PERIMETER EROSION BARRIER PRIOR TO ANY EARTH DISTURBING OR GRADING ACTIVITIES.
 2. EXCAVATE THE PROPOSED DITCHES AND STABILIZE WITH PERMANENT LANDSCAPING MEASURES (SEEDING AND EROSION CONTROL BLANKET OR SOD-SEE LANDSCAPING PLANS) AS SOON AS POSSIBLE. PLACE TEMPORARY DITCH CHECKS AT THE LOCATIONS SHOWN ON THE PLANS. AREAS THAT ARE TO BE DISTURBED DURING A LATER STAGE ARE TO BE TEMPORARILY SEEDED WITH MULCH STABILIZATION (METHOD 2).
 3. TEMPORARILY SEED AND MULCH TEMPORARY SLOPE AREAS GRADED AS A RESULT OF TEMPORARY PAVEMENT PLACEMENT IN PRE-STAGE 1.
 4. INSTALL INLET FILTERS IN ALL PROPOSED OPEN LID INLETS AND CATCH BASINS AND IN EXISTING OPEN LID DRAINAGE STRUCTURES THAT WILL RECEIVE SEDIMENT LADEN DISCHARGE AT THE DIRECTION OF THE ENGINEER (WITHIN PAVEMENT AREAS). INSTALL INLET AND PIPE PROTECTION (SILT FENCE WITH CROSS BRACING) AT OPEN LID DRAINAGE STRUCTURES LOCATED IN DITCHES AND SWALES AT LOCATIONS SHOWN ON PLANS OR AS DIRECTED BY THE ENGINEER.
 5. TEMPORARY EROSION CONTROL SEEDING SHALL BE PLACED ON ERODABLE AREAS EARTH AREAS IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS AT THE DIRECTION OF THE ENGINEER.

TEMPORARY SEDIMENT TRAP TABLE 516+00 RT

DESIGN ELEMENTS		VALUES
DRAINAGE AREA	X (ACRES)	1.96
SEDIMENT TRAP STORAGE CAPACITY	V (CU. YD.)	216
WET DETENTION STORAGE	1/2V (CU. YD.)	108
DRY DETENTION STORAGE	1/2V (CU. YD.)	108
SEDIMENT TRAP LENGTH	A (FEET)	75.0
SEDIMENT TRAP WIDTH	B (FEET)	12.0
STONE OUTLET STRUCTURE HEIGHT	C (FEET)	2.25
STONE OUTLET STRUCTURE TOP WIDTH	D (FEET)	5.0
WEIR LENGTH	E (FEET)	6.0
WEIR TOP WIDTH	F (FEET)	6.0
WEIR SIDE SLOPE THICKNESS	G (FEET)	1.75
WEIR SLOPE HEIGHT	H (FEET)	2.3
WEIR DEPTH	I (FEET)	0.5
WEIR BASE WIDTH	J (FEET)	3.0
RIPRAP	GRADATION	RR-4
AGGREGATE	GRADATION	CA-2
STONE AGGREGATE THICKNESS	K (FEET)	1.0



FILE NAME =	USER NAME = .USERNAME.	DESIGNED -	AWM	REVISED -	
S:\1606\CAADD Sheets\0162517-sht-ErosionPre.dgn		DRAWN -	DA	REVISED -	
		CHECKED -	JWM	REVISED -	
		DATE -	10/15/2013	REVISED -	

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**EROSION AND SEDIMENT CONTROL PLAN
US ROUTE 14 PRE-STAGE 1**

SCALE: 1"=50' SHEET NO. 93 OF 431 SHEETS STA. 490+00 TO STA. 520+00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
305	27R-3	MCHENRY	431	93
CONTRACT NO. 62517			ILLINOIS FED. AID PROJECT	