

BY: _____
 DATE: _____
 CHECKED: _____
 DATE: _____
 PLAN NO. _____

**EROSION AND SEDIMENT CONTROL
 GENERAL NOTES**

- 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.
- 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 SUCH A MANNER THAT UNTREATED ON-SITE RUNOFF DOES NOT MIX WITH THE OFF-SITE RUNOFF.
- 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.
- TOPSOIL, EROSION CONTROL BLANKET AND FERTILIZER NUTRIENTS ARE NOT REQUIRED FOR TEMPORARY EROSION CONTROL SEEDING. SEED BED PREPARATION WILL NOT BE REQUIRED FOR TEMPORARY SEEDING IF THE SOIL IS IN A LOOSE CONDITION. LIGHT DISKING SHALL BE DONE IF THE SOIL IS HARD OR CAKED. BROADCASTING OF THE SEED BY MACHINE OR HAND METHODS AND HYDRAULIC SEEDING OR OTHER METHODS APPROVED BY THE ENGINEER WILL BE ALLOWED FOR TEMPORARY EROSION CONTROL SEEDING.
- 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 ANY RAINFALL EVENT GREATER THAN 0.5 INCHES.
- ALL EROSION AND SEDIMENT CONTROL MEASURES ARE TO BE CONSIDERED TEMPORARY. THESE MEASURES WILL BE REMOVED BY THE CONTRACTOR UNLESS DESIGNATED PERMANENT ON THE PLANS OR BY THE ENGINEER.

EROSION CONTROL

DESCRIPTION	ON-SITE		BORROW SITE (ESTIMATED)	TOTAL
	42MFT-BR	42MFT-T		
SEEDING CLASS 1 (MODIFIED) (ACRE)	0.25	0.50	-	0.75
SEEDING CLASS 4 (ACRE)	0.25	0.50	0.75	1.50
SEEDING CLASS 6 (MODIFIED) (ACRE)	0.25	0.25	-	0.50
MULCH METHOD 2* (ACRE)	2.25	1.25	2.25	5.75
MOWING (ACRES)	0.50	0.75	-	1.25
EROSION CONTROL BLANKET (SQUARE YARD)	209	698	-	907
TEMPORARY EROSION** CONTROL SEEDING (LBS)	150	150	250	550

NOTE: ESTIMATED QUANTITIES OF EROSION CONTROL PAY ITEMS FOR USE AT CONTRACTOR BORROW/WASTE/USE SITE AS NEEDED AND DIRECTED BY THE ENGINEER.
 * INCLUDES TEMPORARY MULCH PER ARTICLE 280.06
 ** ASSUMES TWO APPLICATIONS

TEMPORARY DITCH CHECKS

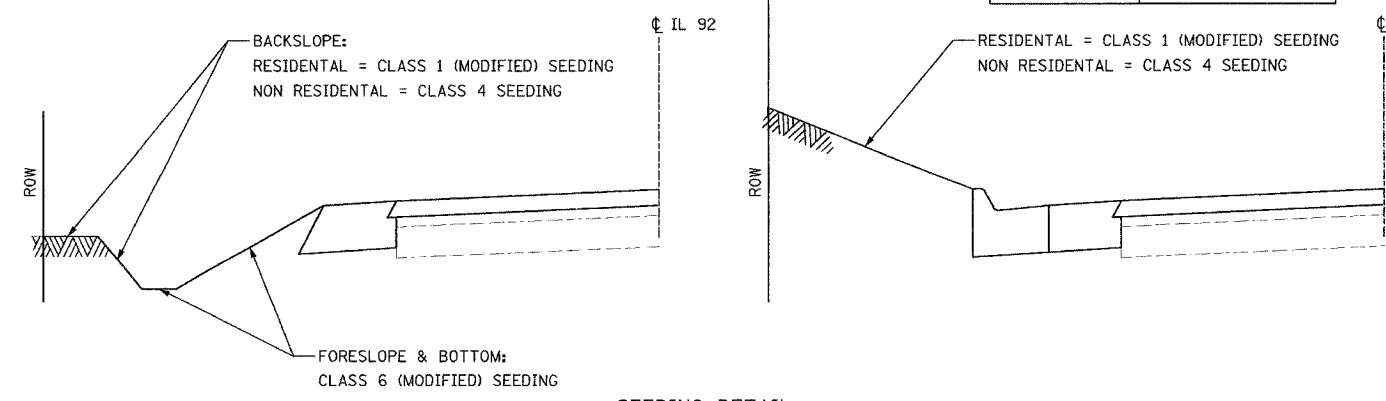
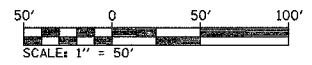
STATION	TEMPORARY DITCH CHECKS (EACH)
42MFT-BR	
407+52.00 LT	1
407+55.00 LT	1
408+10.00 LT	1
408+81.00 RT	1
409+65.00 RT	1
42MFT-T	
334+75.00 LT	1
335+00.00 LT	1
335+25.00 LT	1
335+50.00 LT	1
335+75.00 LT	1
336+00.00 LT	1
333+00.00 RT	1
333+50.00 RT	1
334+00.00 RT	1
334+50.00 RT	1
335+00.00 RT	1
335+50.00 RT	1
11+50.00 RT	1
TOTAL	17

INLET & PIPE PROTECTION

STATION	INLET AND PIPE PROTECTION (EACH)
42MFT-BR	
407+52.00 LT	1
42MFT-T	
327+76.00 LT	1
328+95.00 LT	1
330+45.00 LT	1
331+00.00 LT	1
331+77.80 LT	1
332+25.00 LT	1
329+14.00 RT	1
331+20.50 RT	1
TOTAL	9

LEGEND

- PERIMETER EROSION BARRIER
- TEMPORARY DITCH CHECK
- INLET AND PIPE PROTECTION
- EROSION CONTROL BLANKET
- SEEDING CLASS 1 (MODIFIED) AND MULCH METHOD 2
- SEEDING CLASS 4 AND MULCH METHOD 2
- SEEDING CLASS 6 (MODIFIED) AND MULCH METHOD 2
- PROPOSED FLOW LINES
- EXISTING FLOW LINES



SEEDING DETAIL

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 FAP ROUTE 599 (IL 92)
 SECTION 42MFT-BR
 ROCK ISLAND COUNTY
EROSION CONTROL PLAN
 DRAWN BY: HLC

08/31/2005
 DATE TIME
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