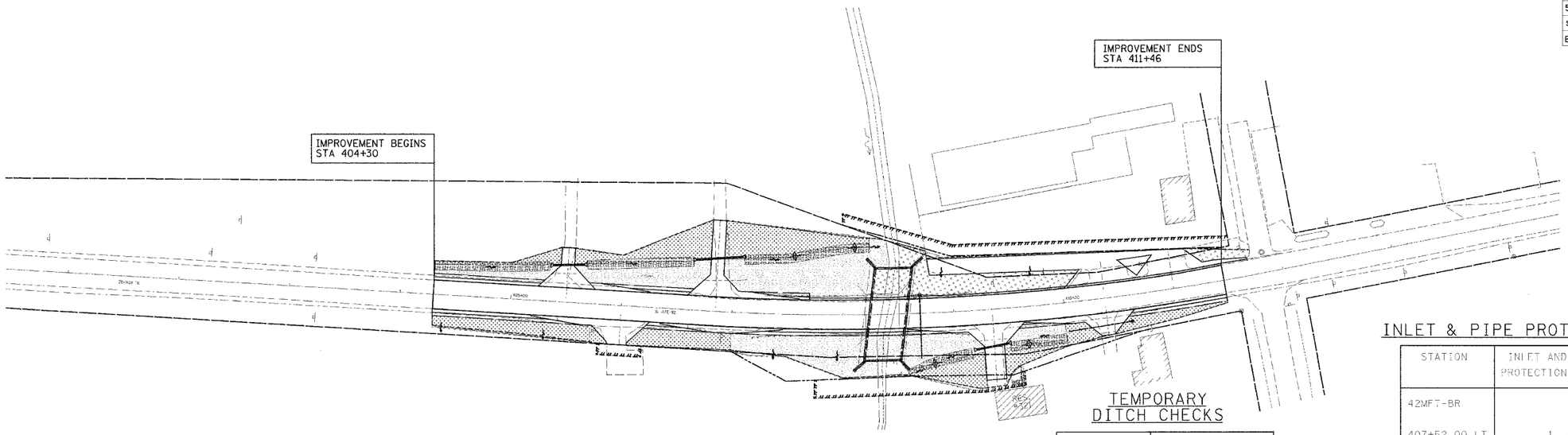
FAP ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO
599	42MFT-BR	ROCK ISLAND	90	33
STA. 404+30		TO STA. 411+46		
EXISTING CONDITIONS:				

CONTRACT 64641



EROSION CONTROL

DESCRIPTION	ON-SITE 42MFT-BR	ON-SITE 42MFT-T	BORROW SITE (ESTIMATED)	TOTAL
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+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

EROSION AND SEDIMENT CONTROL GENERAL NOTES

1 - 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.

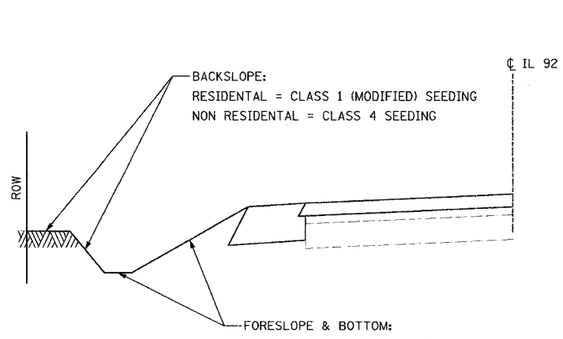
2 - TO THE MAXIMUM EXTENT POSSIBLE, ALL FLOWS ORIGINATING OFF THE CONSTRUCTION SITE WILL BE DIVERTED AROUND DISTURBED AREAS OR WILL BE CONVEYED THROUGH THE SITE IN SUCH A MANNER THAT UNTREATED ON-SITE RUNOFF DOES NOT MIX WITH THE OFF-SITE RUNOFF.

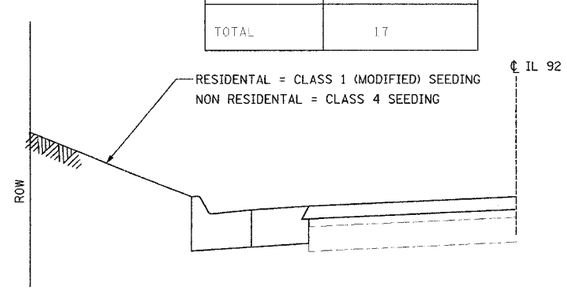
3 - ALL RUNOFF ORIGINATING ON DISTURBED AREAS ASSOCIATED WITH THIS PROJECT WILL PASS THROUGH ONE OR MORE MEASURES THAT WILL MINIMIZE THE OFF-SITE SEDIMENT IMPACTS OF THE CONSTRUCTION ACTIVITY.

4 - 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.

5 - 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.

6 - 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.





SEEDING DETAIL

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

50' 0 50' 100'
SCALE: 1" = 50'

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
FAP ROUTE 599 (IL 92)
SECTION 42MFT-BR
ROCK ISLAND COUNTY

EROSION CONTROL PLAN

DRAWN BY: HLC

PLAN	NOTE BOOK NO.	SURVEYED / PLOTTED / ALIGNMENT VERIFIED / RIGHT OF WAY CHECKED / CADD FILE NAME	BY	DATE

08/31/2005
-DATE-TIME-
-DGN-SPEC-
-DGN-
-REF-
-REF-

PLOT DATE: 08/31/2005 02:23:16 PM D16900AER.dgn

EROSION CONTROL PLAN