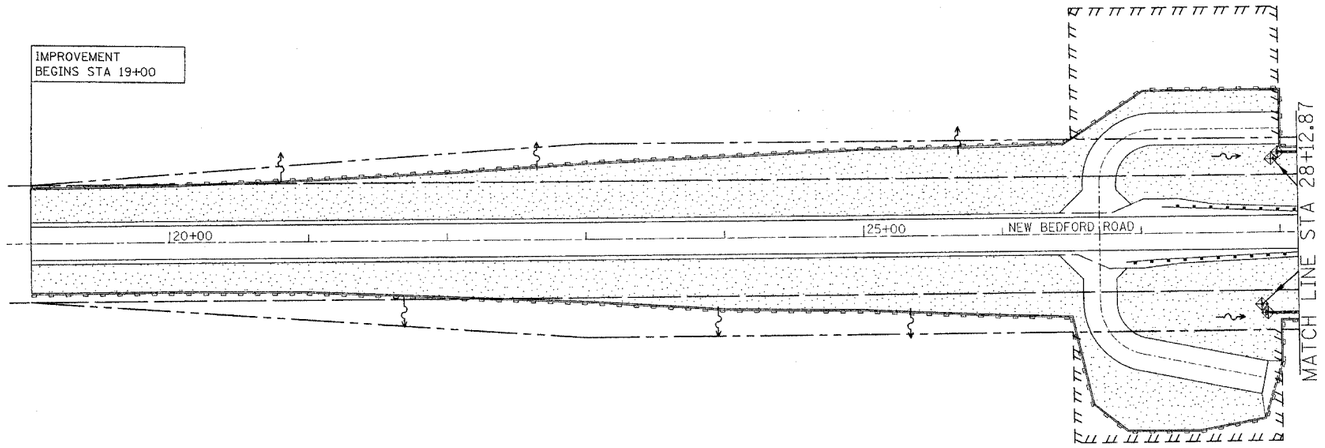
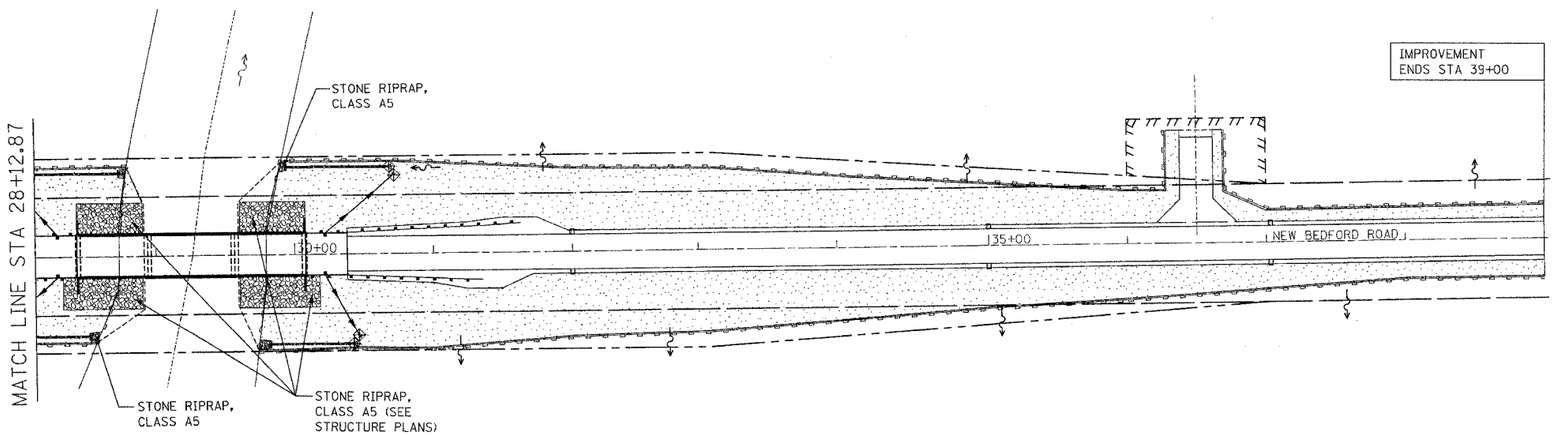
64423

SBI	SECTION	COUNTY	TOTAL SHEETS	SHEET NO
88	103C-BR	BUREAU	51	11
STA. 19+00		TO STA. 39+00		
EXISTING CONDITIONS:				





LEGEND

- INLET PIPE PROTECTION
- PERIMETER EROSION BARRIER
- TEMPORARY EROSION CONTROL SEEDING AND CLASS 6 (MODIFIED) SEEDING WITH MULCH METHOD 2
- FLOW LINES
- RIPRAP

N

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 EXCEPT FOR RIPRAP. THESE MEASURES WILL BE REMOVED BY THE CONTRACTOR UNLESS DESIGNATED PERMANENT ON THE PLANS OR BY THE ENGINEER.

7 - QUANTITIES HAVE BEEN ESTIMATED FOR RESTORING THE BORROW SITE REQUIRED FOR THE FURNISHED EXCAVATION. ESTIMATED QUANTITIES FOR SEEDING, CLASS 4; FERTILIZER, MULCH METHOD 2 AND PERIMETER EROSION CONTROL BARRIER HAVE BEEN PROVIDED IN THE PLANS.

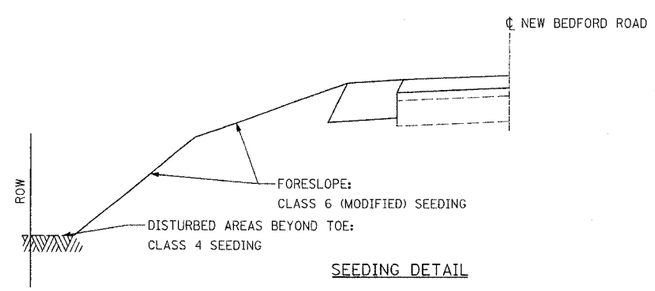
EROSION CONTROL

DESCRIPTION	ON-SITE	BORROW SITE (ESTIMATED)	TOTAL
SEEDING CLASS 4 (ACRE)	0.25	3.25	3.50
SEEDING CLASS 6 (MODIFIED) (ACRE)	4.25	-	4.25
MULCH METHOD 2 (ACRE)	7.75*	—	7.75
NITROGEN FERTILIZER NUTRIENT (LBS)	405	293	698
PHOSPHOROUS FERTILIZER NUTRIENT (LBS)	405	293	698
POTASSIUM FERTILIZER NUTRIENT (LBS)	405	293	698
MOWING (ACRES)	4.25	-	4.25
TEMPORARY EROSION CONTROL SEEDING (LBS)	900**	650**	1,550

* INCLUDES TEMPORARY MULCH PER ARTICLE 280.06
** ASSUMES TWO APPLICATIONS

INLET & PIPE PROTECTION

STATION	OFFSET	INLET AND PIPE PROTECTION (EACH)
27+87.20	51.4 RT	1
27+91.00	57.8 RT	1
27+95.80	53.0 LT	1
28+00.00	58.8 LT	1
30+41.80	65.0 RT	1
30+45.60	58.7 RT	1
30+68.00	62.3 LT	1
30+70.90	55.7 LT	1
TOTAL		8



SEEDING DETAIL

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

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
SBI 88 (NEW BEDFORD ROAD)
OVER GREEN RIVER
SECTION 103C-BR
BUREAU COUNTY
EROSION CONTROL PLAN

DRAWN BY: HLC

PLAN	BY	DATE
SURFACED		
PLOTTED		
TOTALS CHECKED		
ALL OF WAY CHECKED		
CADD FILE NAME		
NOTE BOOK NO.		

8/12/2004
DATE-TIME
CHA-SPEC
*REF-
*REF-

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EROSION CONTROL PLAN