

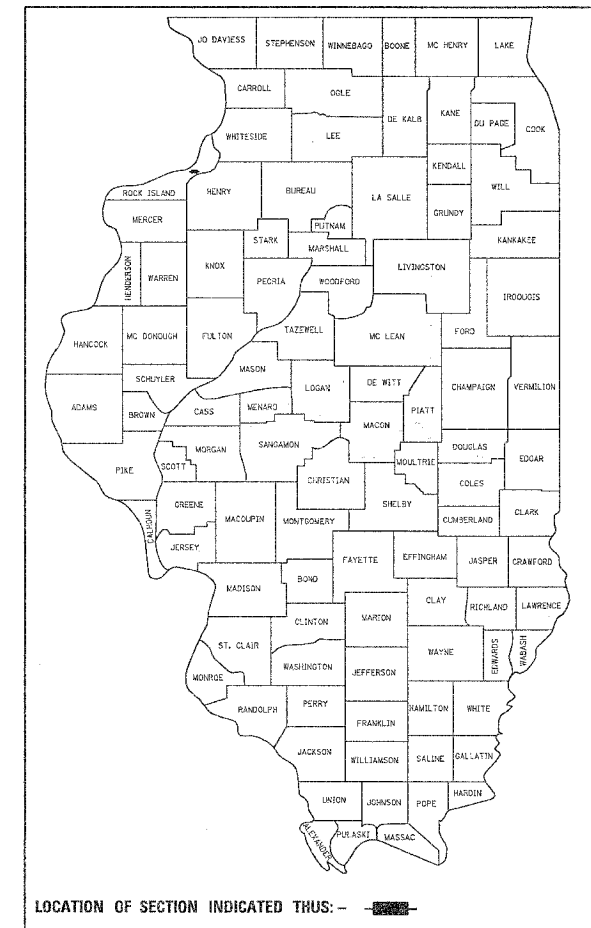
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	(81-1) M-4	ROCK ISLAND	33	1

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION
 DIVISION OF HIGHWAYS

**PROPOSED
 HIGHWAY PLANS**

FAI ROUTE 80 (I-80)
 SECTION (81-1) M-4
 PROJECT HSIP-080-1 (141)003
 ROCK ISLAND COUNTY
 C-92-023-07

D-92-072-06

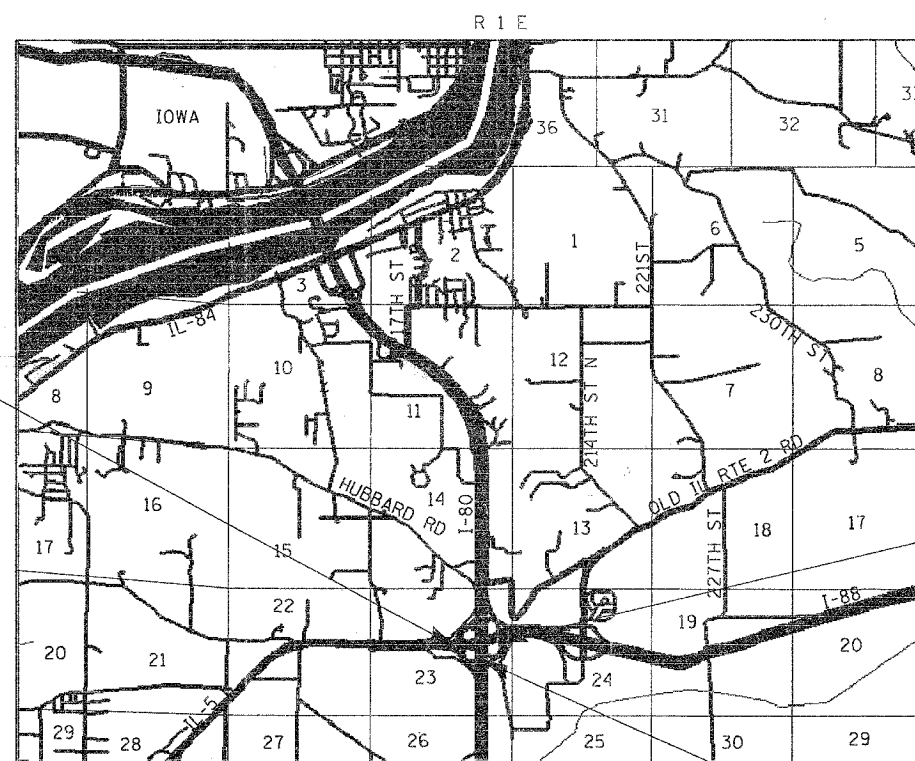


SQUAD LEADER DERRICK LOPEZ (815) 284-5930

PROJECT ENGINEER REBECCA MARRUFFO

FOR INDEX OF SHEETS, SEE SHEET NO. 2
 FOR LIST OF STANDARDS, SEE SHEET NO. 2

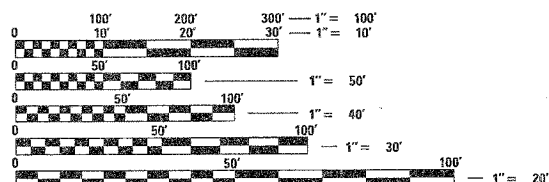
TRAFFIC VOLUMES:



SECTION ENDS
STA 1048+35

IMPROVEMENT ENDS
STA 1+50

IMPROVEMENT & SECTION BEGINS
STA 1034+25



HAMPTON TOWNSHIP, SECTION 23

J.U.L.I.E.
 JOINT UTILITY LOCATION INFORMATION FOR EXCAVATION
 1-800-892-0123

CONTRACT NO. 64C30

NET LENGTH OF PROJECT = 1410 FEET = 0.27 MILES
 GROSS LENGTH OF PROJECT = 1410 FEET = 0.27 MILES

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION
 DIVISION OF HIGHWAYS

SUBMITTED January 26, 2007
Joseph E. Crane
 DEPUTY DIRECTOR OF HIGHWAYS, REGION ENGINEER

March 23, 2007
Eric E. Harvath
 INTERIM ENGINEER OF DESIGN AND ENVIRONMENT

March 23, 2007
Milton R. Lee, P.E.
 DIRECTOR OF HIGHWAYS, CHIEF ENGINEER

**PRINTED BY THE AUTHORITY
 OF THE STATE OF ILLINOIS**

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	(81-1) M-4	ROCK ISLAND	33	2
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

INDEX OF SHEETS

1	COVER SHEET	406001-04	ENTRANCE RAMP TERMINAL
2	INDEX OF SHEETS AND STANDARDS	406101-03	EXIT RAMP TERMINAL
3-4	SUMMARY OF QUANTITIES	482001-01	HMA SHOULDER ADJACENT TO FLEXIBLE PAVEMENT
5	GENERAL NOTES	601101	CONCRETE HEADWALL FOR PIPE DRAIN
6	TYPICAL SECTIONS	630001-07	STEEL PLATE BEAM GUARDRAIL
7-8	HORIZONTAL AND VERTICAL CONTROLS	630201-04	PCC/BITUMINOUS STABILIZATION AT STEEL PLATE BEAM GUARDRAIL
9-12	SCHEDULE OF QUANTITIES	635001	DELINEATORS
13-17	STAGING DETAILS	635006-02	REFLECTOR AND TERMINAL MARKER PLACEMENT
18-19	PLAN AND PROFILE SHEETS	635011-01	REFLECTOR MARKER AND MOUNTING DETAILS
20-21	PAVEMENT ELEVATIONS	642001	SHOULDER RUMBLE STRIPS
22	GUARDRAIL DETAIL	701101-01	OFF-ROAD OPERATIONS, MULTILANE
23	DETAIL OF HOT-MIX ASPHALT SHOULDER AT GUARDRAIL (23.4)	701106-01	OFF-ROAD OPERATIONS, MULTILANE, MORE THAN 15' AWAY
	HOT-MIX ASPHALT SHOULDERS (23.4A)	701400-02	APPROACH TO LANE CLOSURE, FREEWAY/EXPRESSWAY
	CONCRETE HEADWALLS FOR PIPE DRAINS (27.4)	701406-04	LANE CLOSURE, FREEWAY/EXPRESSWAY, DAY OPERATIONS ONLY
	DELINEATOR AND POST (37.4)	701411-03	LANE CLOSURE, MULTILANE, AT ENTRANCE OR EXIT RAMP, SPEEDS > 45MPH
24	TYPICAL BENCHING DETAIL ON EXISTING EMBANKMENT (50.4)	701426-02	LANE CLOSURE, MULTILANE, INTERMITTENT OR MOVING OPERATION, SPEEDS > 45MPH
	TRAFFIC CONTROL AND PROTECTION FOR RAMPS (95.2)	702001-06	TRAFFIC CONTROL DEVICES
25	PAINTING DETAILS (44.1)	720011	METAL POSTS FOR SIGNS, MARKERS AND DELINEATORS
26-33	CROSS SECTIONS	728001	TELESCOPING STEEL SIGN SUPPORT
		729001	APPLICATIONS OF TYPES A AND B METAL POSTS
		780001-01	TYPICAL PAVEMENT MARKINGS
		000001-04	STANDARD SYMBOLS, ABBREVIATIONS, PATTERNS

PLOT DATE = Thu Jan 25 15:44:22 2007
 FILE NAME = C:\projects\207205\107205.dgn
 USER = graham

REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION
NAME	DATE	
		SCALE: VERT. DATE HORIZ. DRAWN BY CHECKED BY

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	(81-1) M-4	ROCK ISLAND	33	3
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

SUMMARY OF QUANTITIES

CODE NUMBER	PAY ITEMS	URBAN UNIT	90% FED / 10% STATE TOTAL QUANTITY 1 000
20200100	EARTH EXCAVATION	CU YD	110
20400800	FURNISHED EXCAVATION	CU YD	165
25000210	SEEDING, CLASS 2A	ACRE	0.75
■ 25000750	MOWING	ACRE	0.75
25100115	MULCH, METHOD 2	ACRE	0.75
28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	150
28100105	STONE RIPRAP CLASS A3	SQ YD	1
28100107	STONE RIPRAP CLASS A4	SQ YD	7
28200200	FILTER FABRIC	SQ YD	8
40600845	POLYMERIZED LEVELING BINDER (MACHINE METHOD), N90	TON	377
40600990	TEMPORARY RAMP	SQ YD	67
40603310	HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50	TON	372
40603595	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "F", N90	TON	243
44000162	HOT-MIX ASPHALT SURFACE REMOVAL, 3 1/4"	SQ YD	902
44004250	PAVED SHOULDER REMOVAL	SQ YD	298
48100100	AGGREGATE SHOULDERS, TYPE A	TON	310
48203023	HOT-MIX ASPHALT SHOULDERS, 6 1/2"	SQ YD	576
* 63000000	STEEL PLATE BEAM GUARD RAIL, TYPE A	FOOT	150
* 63100089	TRAFFIC BARRIER TERMINAL, TYPE 6B	EACH	1
* 63100169	TRAFFIC BARRIER TERMINAL TYPE 1, SPECIAL (FLARED)	EACH	1

■ 100% STATE * SPECIALTY ITEM

PLOT DATE = Thu Jan 20 15:32:42 2007
 PLOT SCALE = 50.00000 / IN.
 USER NAME = gregm

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	(81-1) M-4	ROCK ISLAND	33	4
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

SUMMARY OF QUANTITIES

CODE NUMBER	PAY ITEMS	URBAN UNIT	90% FED / 10% STATE TOTAL QUANTITY 1 000
* 63100217	TRAFFIC BARRIER TERMINAL, TYPE 6B (SPECIAL)	EACH	2
63200310	GUARD RAIL REMOVAL	FOOT	580
63500105	DELINEATORS	EACH	28
64200105	SHOULDER RUMBLE STRIP	FOOT	2,975
67100100	MOBILIZATION	L SUM	1
70100420	TRAFFIC CONTROL AND PROTECTION, STANDARD 701411	EACH	4
70100700	TRAFFIC CONTROL AND PROTECTION, STANDARD 701406	L SUM	1
70300100	SHORT-TERM PAVEMENT MARKING	FOOT	180
70301000	WORK ZONE PAVEMENT MARKING REMOVAL	SQ FT	60
* 78008210	POLYUREA PAVEMENT MARKING TYPE I- LINE 4"	FOOT	3,366
* 78008240	POLYUREA PAVEMENT MARKING TYPE I - LINE 8"	FOOT	521
* 78008250	POLYUREA PAVEMENT MARKING TYPE I - LINE 12"	FOOT	44
78200410	GUARDRAIL MARKERS, TYPE A	EACH	5
78201000	TERMINAL MARKER - DIRECT APPLIED	EACH	1
78300100	PAVEMENT MARKING REMOVAL	SQ FT	1,355
X0301894	REMOVE AND REINSTALL CONCRETE HEADWALL FOR PIPE UNDERDRAIN	EACH	1
X0324589	PIPE UNDERDRAIN OUTLET EXTENSION FOR 4" PIPE	EACH	1
Z0013798	CONSTRUCTION LAYOUT	L SUM	1
XX004096	REMOVE AND RE-INSTALL CONCRETE FLARED END SECTIONS	EACH	1
	* SPECIALTY ITEMS		

PLOT DATE * Thu Jan 25 15:32:42 2007
 PLOT SCALE * 1/8"=1'-0"
 USER NAME * grantgm

GENERAL NOTES

ROUTE NO.	SEC.	COUNTY	TOTAL SHEETS	SHEET NO.
FAI 80 (1-80/1-88)	(81-1)M-4	Rock Island	33	5
FED ROAD DIST. NO.	ILLINOIS	PROJECT		
Contract #64C30				

The final top 100 mm (four inches) of soil in any right-of-way area disturbed by the Contractor must be capable of supporting vegetation. The soil must be from the A horizon (zero to 2' deep) of soil profiles of local soils.

It is estimated that 165 cubic yards of earth will be hauled to the job from outside the project limits. A shrinkage factor of 25% has been used.

The Contractor shall seed all disturbed areas within the project limits. Seeding Class 4 or 2A shall be used, except in front of properties where the grass will be mowed, then use Seeding, Class 1. Class 2A shall be used on front slopes and ditch bottoms. Class 4 shall be used behind Type A gutter, on all backslopes and areas behind the backslope, and beyond the toe of front slope on fill sections without ditches.

Fertilizer Nutrients shall be applied at the rate specified in Sections 250 and 252 of the Standard Specifications. This shall be included in the cost of the SEEDING.

Previously pugmilled stockpiles of "Type A" older than 1 month will not be approved for use until a moisture check is run to verify moisture content. Material shipped to projects without being tested will not be accepted.

The following Mixture Requirements are applicable for this project:

Mixture Uses(s):	Surface	Level Binder	Top Shoulder	Bottom Shoulder
PG:	SBS PG 70-22	SBS PG 70-22	PG 58-22	PG 58-22
Design Air Voids	4.2 @ N90	4.2 @ N90	3 @ N50	2 @ N50
Mixture Composition (Gradation Mixture)	IL 9.5 or 12.5	IL 9.5	IL 9.5 or 12.5	BAM
Friction Aggregate	F	N/A	C	N/A
20 Year ESAL	3.0	N/A	N/A	N/A

The Contractor will be required to furnish 140 mm (5 1/2") high brass stencils as approved by the Engineer and install stationing at 250' intervals. Stationing shall be placed on both lanes of 2-lane highways and on the outside lanes in both directions on 4-lane highways. The stations shall be placed 150 mm (6") inside the pavement marking edge so they can be read from the shoulder. This work will be included in the cost of the final pavement surface.

To help avoid excess drop offs at the edge of pavement, the existing aggregate wedge or shoulder is to be pulled up and rolled to match the edge of pavement before placing any bituminous material. All costs associated with pulling up the shoulders shall be considered included in the contract unit price per TON for HOT-MIX ASPHALT SURFACE COURSE of the type specified.

Install rumble strips in all shoulders in accordance with State Standard 642001. Rumble Strips shall be placed on shoulders on both sides of the pavement.

Bituminous and Aggregate prime coat shall be placed in accordance with Section 406 of the Standard Specifications. The cost of the prime coats shall be included in the contract unit price per metric ton (ton) for LEVELING BINDER (MACHINE METHOD) of the type specified.

The Contractor shall supply the Resident Engineer with the manufacturer's installation requirements for the type of Steel Plate Beam Guardrail Terminal Type I Special (Flared).

One 16d galvanized nail shall be used to toe nail the wood block out to the wood post on all Traffic Barrier Terminal Type I Specials.

Delineators shall be installed as shown in Standard 635001, except that the post shall be rotated 180° and only metal-backed delineators shall be permitted.

Delineators shall be placed at the ends of approach guardrail terminal sections, and at each headwall or end section of AR Culverts. This work will be paid for at the contract unit price each for DELINEATORS.

The Contractor shall be responsible for protecting utility property during construction operations as outlined in Article 107.31 of the Standard Specifications. A minimum of 48 hours advance notice is required for non-emergency work. The JULIE number is 800-892-0123. The following listed utilities located within the project limits or immediately adjacent to the project construction limits are members of JULIE:

MidAmerican Energy Co.
Lightcore

Frontier/Citizens

CADD data will be available to Contractors and Consultants working on this project. This information will be provided upon request as MicroStation CADD files and Geopak coordinate geometry files ONLY. If data is required in other formats it will be your responsibility to make these conversions. If any discrepancy or inconsistency arises between the electronic data and the information on the hard copy, the information on the hard copy should be used. Contact the District's Project Engineer to request these files.

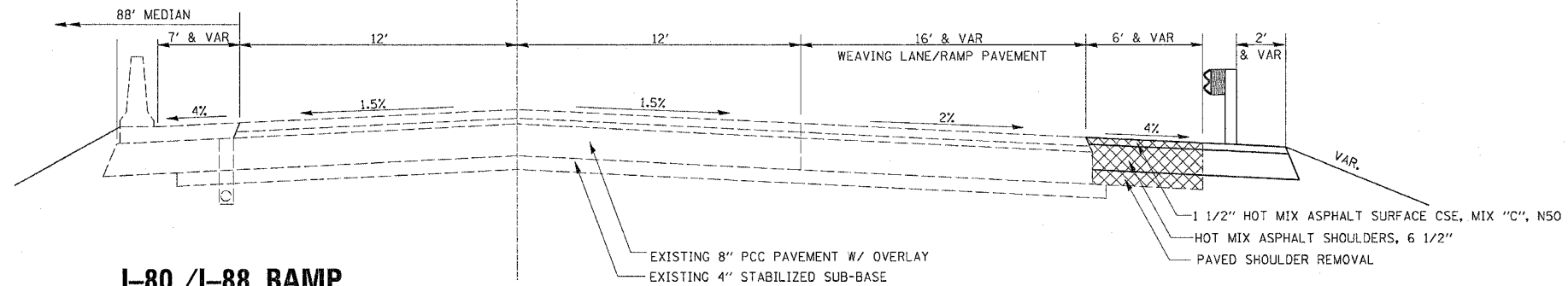
ogram #5
rch. Size)
Enlarge
200%
arge 107%

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	(81-1) M-4	ROCK ISLAND	33	6
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

TYPICAL SECTIONS

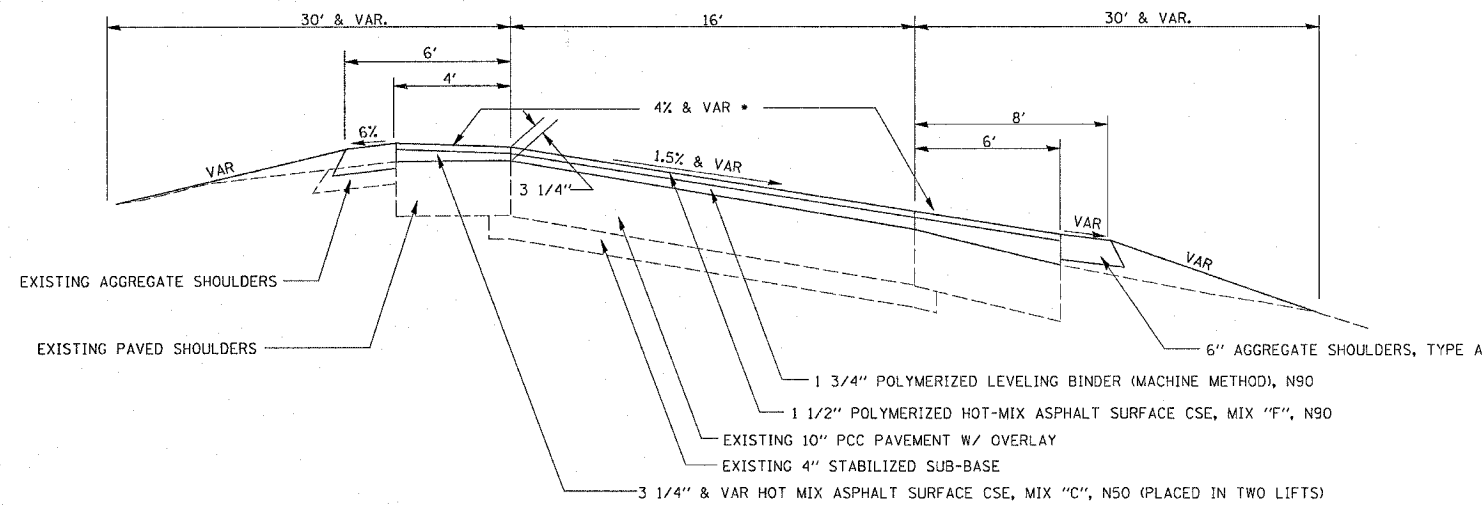
180 / I-88 WEAVING LANE / RAMP PAVEMENT

STA 826+50 - 827+45
 EB I-88



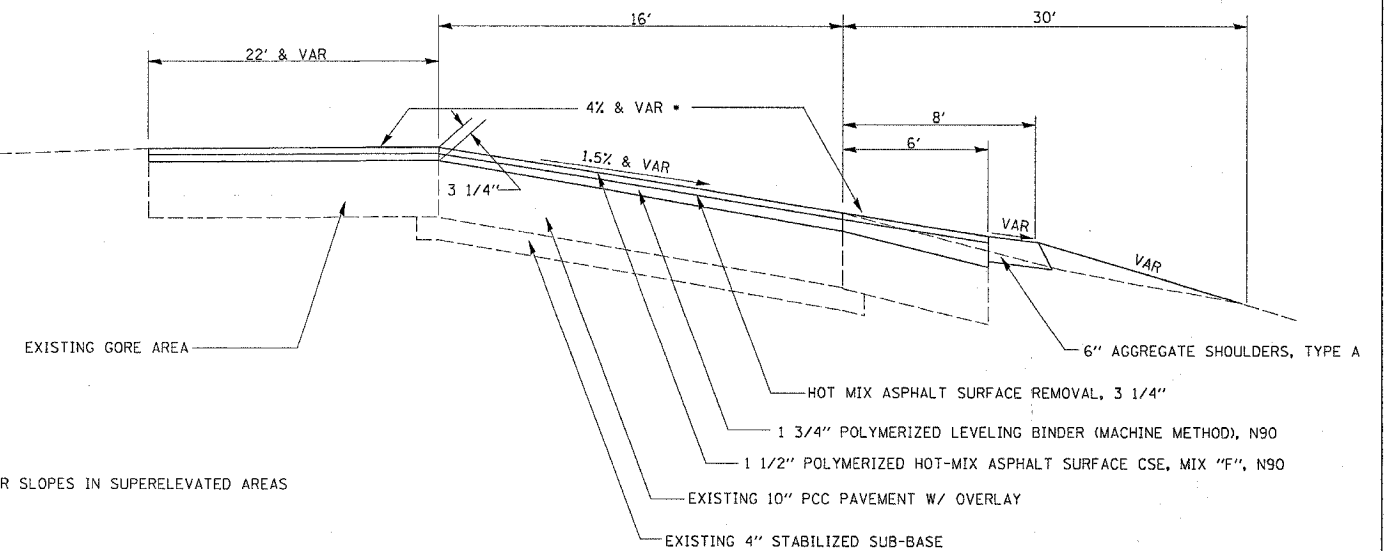
I-80 / I-88 RAMP

STA 1034+25 - 1048+35



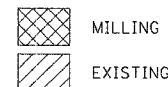
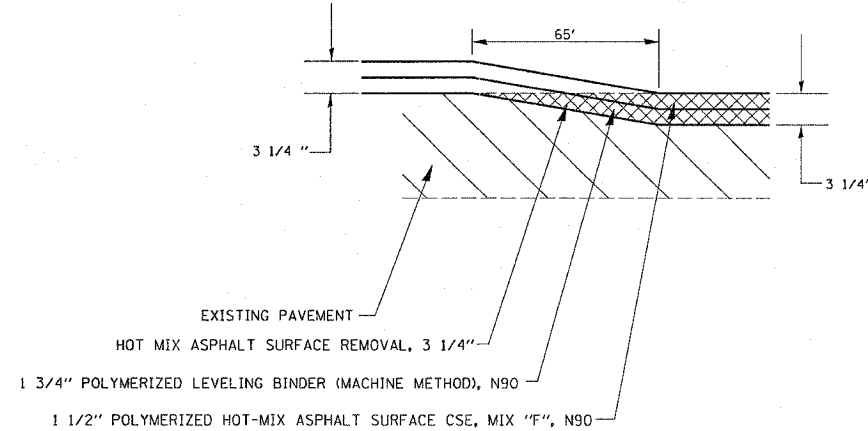
I-80 / I-88 RAMP

STA 1034+25 - 1035+60
 STA 1047+35 - 1048+35



TYPICAL TAPER

180 / I88
 STA 1035+60 - 1036+25
 STA 1046+70 - 1047+35



* SEE HIGHWAY STANDARD 482001-01 FOR SHOULDER SLOPES IN SUPERELEVATED AREAS

PLOT DATE = Thu, Jan 25 15:45:23 2007
 PLOT SCALE = 1/8\"/>

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	(81-1) M-4	ROCK ISLAND	33	7
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

HORIZONTAL & VERTICAL CONTROL

Chain 180 contains:
1 CUR 200 CUR 210 CUR 220 CUR 230 CUR 240 CUR 1250 31

Beginning chain 180 description

Point 1 N 1,791,139.65 E 2,241,631.95 Sta 16+69.53

COURSE FROM 1 TO PC 200 155° 22' 53.34" DIST 4,558.47'

Curve Data

Curve 200

P.I. Station 80+65.81 N 1,785,324.77 E 2,244,296.48
 DELTA = 35° 33' 54.23" (LT)
 DEGREE = 0° 59' 59.66"
 Tangent = 1,837.81'
 Length = 3,556.85'
 Radius = 5,730.12'
 External = 287.51'
 Long Chord = 3,500.02'
 Mid. Ord. = 273.77'
 P.C. Station 62+28.00 N 1,786,995.53 E 2,243,530.89
 P.T. Station 97+84.85 N 1,784,410.97 E 2,245,891.01
 C.C. N 1,789,382.56 E 2,248,740.16

COURSE FROM PT 200 TO PC 210 119° 48' 59.11" DIST 394.55'

Curve Data

Curve 210

P.I. Station 130+30.99 N 1,782,796.91 E 2,248,707.44
 DELTA = 60° 16' 18.85" (RT)
 DEGREE = 1° 09' 59.07"
 Tangent = 2,851.60'
 Length = 5,167.31'
 Radius = 4,912.16'
 External = 767.71'
 Long Chord = 4,932.33'
 Mid. Ord. = 663.94'
 P.C. Station 101+79.39 N 1,784,214.79 E 2,246,233.33
 P.T. Station 153+46.70 N 1,779,945.32 E 2,248,703.04
 C.C. N 1,779,952.89 E 2,243,790.89

COURSE FROM PT 210 TO PC 220 180° 05' 17.95" DIST 14,136.34'

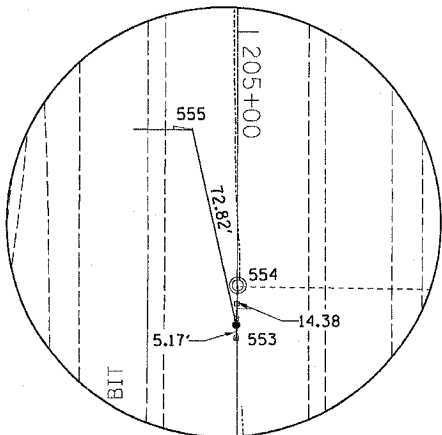
Curve Data

Curve 220

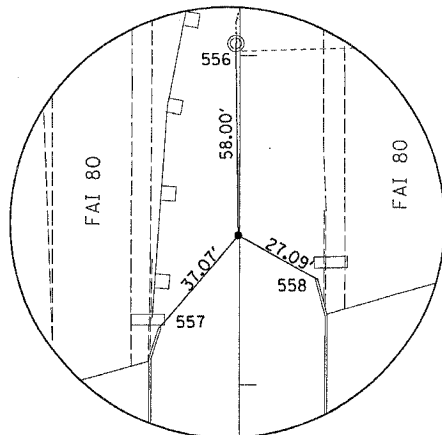
P.I. Station 303+88.83 N 1,764,903.21 E 2,248,679.86
 DELTA = 17° 57' 30.84" (LT)
 DEGREE = 0° 59' 58.26"
 Tangent = 905.79'
 Length = 1,796.72'
 Radius = 5,732.34'
 External = 71.12'
 Long Chord = 1,789.38'
 Mid. Ord. = 70.25'
 P.C. Station 294+83.04 N 1,765,809.00 E 2,248,681.25
 P.T. Station 312+79.76 N 1,764,041.12 E 2,248,957.81
 C.C. N 1,765,800.16 E 2,254,413.59

COURSE FROM PT 220 TO PC 230 162° 07' 47.12" DIST 726.72'

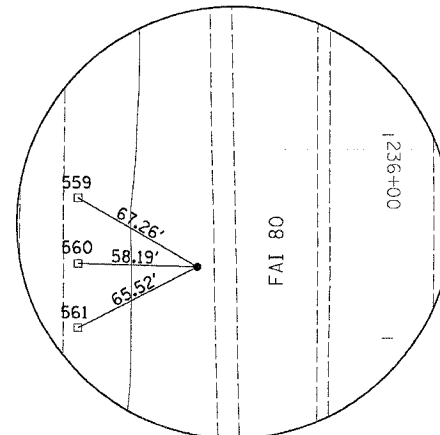
CURVE POINT NUMBERS				
CURVE	PI	CC	PC	PT
200	200	201	202	203
210	210	211	212	213
220	220	221	222	223



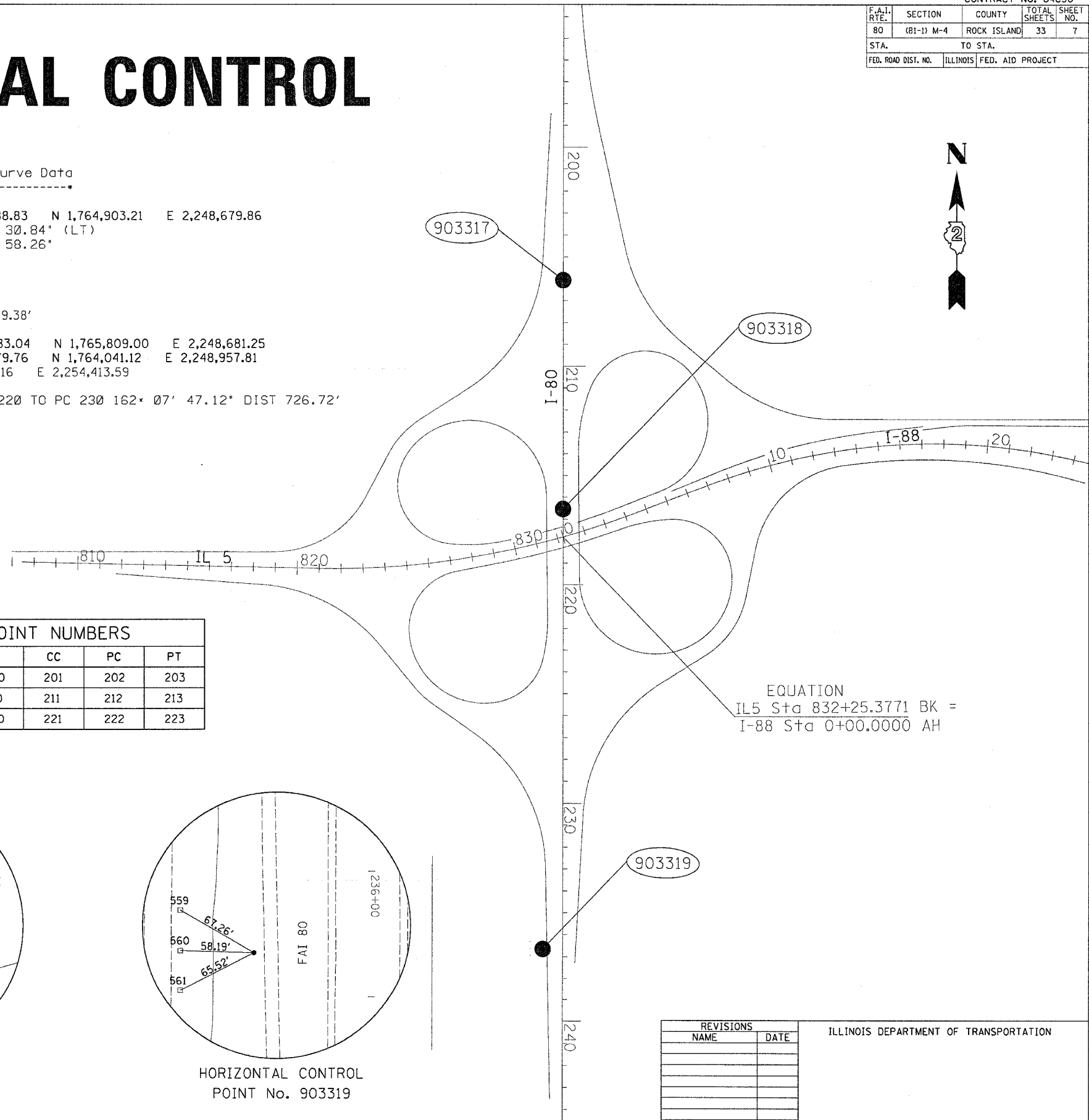
HORIZONTAL CONTROL
POINT No. 903317



HORIZONTAL CONTROL
POINT No. 903318



HORIZONTAL CONTROL
POINT No. 903319



EQUATION
 IL5 Sta 832+25.3771 BK =
 I-88 Sta 0+00.0000 AH

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

SCALE: VERT.
HORIZ.
DATE

DRAWN BY
CHECKED BY

PLOT DATE = Thu Jan 25 15:45:25 2007
 FILE NAME = C:\projects\207265\107265.dgn
 USER NAME = granton

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	(81-1) M-4	ROCK ISLAND	33	8
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

HORIZONTAL & VERTICAL CONTROL

HORIZONTAL CONTROL POINTS							
POINT	NORTH	EAST	ELEVATION	CHAIN	STATION	OFFSET	DESCRIPTION
903317	1774686.1510	2248694.6200	644.7000	I80	206+05.88	0.318' RT	GPS CONTROL POINT, PIN
903318	1773637.7490	2248692.9150	614.8440	I80	216+54.28	0.4069' RT	GPS CONTROL POINT, PIN
903319	1771627.6340	2248599.9170	576.1640	I80	236+64.54	90.3063' RT	GPS CONTROL POINT, PIN

REFERENCE TIES				
POINT	CHAIN	STATION	OFFSET	DESCRIPTION
553	I80	206+11.05	0.2221' RT	GUARDPOST
554	I80	205+91.50	0.1718' LT	MANHOLE GRATE
555	I80	205+34.84	16.3006' RT	TILE
556	I80	215+96.28	1.2283' RT	MANHOLE GRATE
557	I80	216+82.62	24.2943' RT	TOP OF WINGWALL
558	I80	216+67.48	23.2464' LT	TOP OF WINGWALL
559	I80	236+30.90	148.5562' RT	GUARDPOST
560	I80	236+62.95	148.4818' RT	GUARDPOST
561	I80	236+94.76	148.4367' RT	GUARDPOST

BENCH MARKS							
POINT	NORTH	EAST	ELEVATION	CHAIN	STATION	OFFSET	DESCRIPTION
417	1775108.1680	2248694.3020	656.8300	I80	201+83.86	1.2866' RT	SIGN FOUNDATION
418	1773629.0210	2248772.1820	617.2770	I80	216+62.89	78.8734' LT	WALL

PLOT DATE = Thu Jan 25 15:43:25 2007
 PLOT NAME = C:\projects\10207286\10207286.dwg
 PLOT USER = granta
 USER NAME = granta

REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION
NAME	DATE	
		SCALE: VERT. HORIZ. DATE DRAWN BY CHECKED BY

SCHEDULE OF QUANTITIES

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	(B1-1) M-4	ROCK ISLAND	33	9
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

20200100	EARTH EXCAVATION				
	CU. YD.	LOCATION		REMARKS	
	26.4	1034+25	TO	1048+35	RAMP AND SHOULDER
	80.0	827+50	TO	831+50	SHOULDER BEHIND GUARDRAIL
TOTAL	106.4				

28100105	STONE RIPRAP CLASS A3				
	SQ YD	LOCATION		REMARKS	
		SW RAMP			
	1.0	RT		1050+60	END OF PIPE UNDERDRAIN, 3' X 3'
TOTAL	1.0				

20400800	FURNISHED EXCAVATION				
	CU. YD.	LOCATION		REMARKS	
	157.0	1034+25	TO	1048+35	RAMP AND SHOULDER
	7.0	827+50	TO	831+50	SHOULDER BEHIND GUARDRAIL
TOTAL	164.0				

28100107	STONE RIPRAP CLASS A4				
	SQ YD	LOCATION		REMARKS	
		SW RAMP			
	7.1	RT		1048+05	DOWNSTREAM END OF CULVERT, 8' X 8'
TOTAL	7.1				

25000210	SEEDING, CLASS 2A				
	ACRE	LOCATION		REMARKS	
	0.5	1034+25	TO	1048+35	RAMP AND SHOULDER
	0.2	827+50	TO	831+50	EARTH BEHIND GUARDRAIL
TOTAL	0.7				

28200200	FILTER FABRIC				
	SQ YD	LOCATION		REMARKS	
		IL 2			
	7.1	RT		1048+05	DOWNSTREAM END OF CULVERT
	1.0	RT		1050+60	END OF PIPE UNDERDRAIN
TOTAL	8.1				

25000750	MOWING				
	ACRE	LOCATION		REMARKS	
	0.5	1034+25	TO	1048+35	RAMP AND SHOULDER
	0.2	827+50	TO	831+25	EARTH BEHIND GUARDRAIL
TOTAL	0.7				

40600845	POLYMERIZED LEVELING BINDER (MACHINE METHOD), N90				
	TON	LOCATION		REMARKS	
		RAMP			
	376.5			1034+25 TO 1048+15	RAMP MAINLINE WITH GRADE CORRECTION
TOTAL	376.5				

25100115	MULCH, METHOD 2				
	ACRE	LOCATION		REMARKS	
	0.5	1034+25	TO	1048+35	RAMP AND SHOULDER
	0.2	827+50	TO	831+25	EARTH BEHIND GUARDRAIL
TOTAL	0.7				

40600990	TEMPORARY RAMP				
	SQ YD	LOCATION		REMARKS	
		RAMP			
	33.7			1034+25 TO 1034+35	TOP OF RAMP STAGE I AND STAGE II
	33.7			1048+00 TO 1048+10	BOTTOM OF RAMP STAGE I AND STAGE II
TOTAL	67.4				

28000250	TEMPORARY EROSION CONTROL SEEDING				
	POUND	LOCATION		REMARKS	
	108.5	1034+25	TO	1048+35	RAMP AND SHOULDER
	41.2	827+50	TO	831+25	EARTH BEHIND GUARDRAIL
TOTAL	149.7				

PLOT DATE = Thu Jun 25 15:44:22 2003
 FILE NAME = C:\p\p\meta\p207286\p207286.dgn
 PLOT SCALE = 50:8000 / IN.
 USER Name = grampm

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	(81-1) M-4	ROCK ISLAND	33	10
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

SCHEDULE OF QUANTITIES

40603310	HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50				
	<u>ION</u>	<u>LOCATION</u>		<u>REMARKS</u>	
		RAMP			
	140.4	1034+25	TO 1048+35	RAMP SHOULDERS ADJACENT TO MAINLINE LT	
	183.2	1034+25	TO 1048+35	RAMP SHOULDERS ADJACENT TO MAINLINE RT	
	48.3	827+50	TO 831+25	SHOULDER ADJACENT TO GUARDRAIL	
TOTAL	372.0				

48203023	HOT-MIX ASPHALT SHOULDERS, 6 1/2"				
	<u>SO_YD</u>	<u>LOCATION</u>		<u>REMARKS</u>	
	575.6	827+50	TO 832+15	SHOULDER ADJACENT TO GUARDRAIL	
TOTAL	575.6				

40603595	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "F", N90				
	<u>ION</u>	<u>LOCATION</u>		<u>REMARKS</u>	
		RAMP			
	243.2	1034+25	TO 1048+35	RAMP MAINLINE	
TOTAL	243.2				

63000000	STEEL PLATE BEAM GUARD RAIL, TYPE A				
	<u>EQU</u>	<u>LOCATION</u>		<u>REMARKS</u>	
	150.0	829+38	TO 830+86		
TOTAL	150.0				

44000162	HOT-MIX ASPHALT SURFACE REMOVAL, 3 1/4"				
	<u>SO_YD</u>	<u>LOCATION</u>		<u>REMARKS</u>	
		RAMP			
	548.5	1034+25	TO 1035+60	RAMP MAINLINE WITH GORE AREA	
	353.5	1047+00	TO 1048+35	RAMP MAINLINE WITH GORE AREA	
TOTAL	902.1				

63100089	TRAFFIC BARRIER TERMINAL, TYPE 6B				
	<u>EACH</u>	<u>LOCATION</u>		<u>REMARKS</u>	
	1.0	830+85	TO 831+43		
TOTAL	1.0				

44004250	PAVED SHOULDER REMOVAL				
	<u>SO_YD</u>	<u>LOCATION</u>		<u>REMARKS</u>	
		RAMP			
	298.00	827+50	TO 832+15	SHOULDER ADJACENT TO GUARDRAIL	
TOTAL	298.0				

63100169	TRAFFIC BARRIER TERMINAL TYPE 1, SPECIAL (FLARED)				
	<u>EACH</u>	<u>LOCATION</u>		<u>REMARKS</u>	
	1.0	828+86	TO 829+38		
TOTAL	1.0				

48100100	AGGREGATE SHOULDERS, TYPE A				
	<u>ION</u>	<u>LOCATION</u>		<u>REMARKS</u>	
		RAMP			
	159.0	RT 1034+25	TO 1048+35	RAMP MAINLINE	
	150.75	LT 1036+00	TO 1047+50	RAMP MAINLINE	
TOTAL	309.8				

63100217	TRAFFIC BARRIER TERMINAL, TYPE 6B (SPECIAL)				
	<u>EACH</u>	<u>LOCATION</u>		<u>REMARKS</u>	
	2.0	831+28	TO 833+00		
TOTAL	2.0				

63200310	GUARDRAIL REMOVAL				
	<u>EQU</u>	<u>LOCATION</u>		<u>REMARKS</u>	
	580.0	827+83	TO 833+53		
TOTAL	580.0				

PLOT DATE : Thu Jan 25 15:44:22 2007
 FILE NAME : C:\projects\207286\207286.dgn
 PLOT SCALE : 50.0000 / IN.
 USER NAME : gwentem

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	(81-1) M-4	ROCK ISLAND	33	11
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

SCHEDULE OF QUANTITIES

63500105	DELINEATORS				REMARKS
EACH	LOCATION				
1.0	832+80				END OF GUARDRAIL
14.0	1034+25	TO	1048+35		RAMP RT
11.0	1034+25	TO	1047+35		RAMP LT
1.0	1048+05	TO	1048+05		CONCRETE FLARED END SECTION
1.0	1050+60	TO	1050+60		PIPE UNDERDRAIN HEADWALL
TOTAL	28.0				

70301000	WORK ZONE PAVEMENT MARKING REMOVAL				REMARKS
SO FT	LOCATION				
9.4	1034+25	TO	1048+35		RAMP MAINLINE
8.4	1034+25	TO	1048+35		RAMP MAINLINE
21.0	1047+25	TO	1048+00		STAGE I YELLOW
21.2	215+00	TO	215+70		STAGE II YELLOW
TOTAL	59.9				

64200105	SHOULDER RUMBLE STRIP				REMARKS
EQ FT	LOCATION				
1800.0	RT	1034+25	TO	1052+25	RAMP SHOULDER
1175.0	LT	1035+60	TO	1047+35	RAMP SHOULDER
TOTAL	2,975.0				

78008210	POLYUREA PAVEMENT MARKING TYPE I - LINE 4"				REMARKS
EQ FT	LOCATION				
1410.0	1034+25	TO	1048+35		RAMP MAINLINE (WHITE)
1256.0	1034+25	TO	1048+35		RAMP MAINLINE (YELLOW)
650.0	827+50	TO	833+50		ADJACENT TO PROPOSED GUARDRAIL (WHITE)
50.0	215+00	TO	215+70		RAMP GORE AREA (WHITE)
TOTAL	3,366.0				

70100420	TRAFFIC CONTROL AND PROTECTION, STANDARD 701411				REMARKS
EACH	LOCATION				
2.0	1034+25	TO	1048+35		STAGE 1
2.0	1034+25	TO	1048+35		STAGE 2
TOTAL	4.0				

78008240	POLYUREA PAVEMENT MARKING TYPE I - LINE 8"				REMARKS
EQ FT	LOCATION				
271.0	1034+25	TO	1035+60		RAMP GORE AREA (WHITE)
215.0	1047+35	TO	1048+35		RAMP GORE AREA (WHITE)
34.5	215+00	TO	215+70		RAMP GORE AREA (WHITE)
TOTAL	520.5				

70100700	TRAFFIC CONTROL AND PROTECTION, STANDARD 701406				REMARKS
LSUM	LOCATION				
1.0	1034+25	TO	1048+35		
TOTAL	1.0				

78008250	POLYUREA PAVEMENT MARKING TYPE I - LINE 12"				REMARKS
EQ FT	LOCATION				
43.5	1034+25	TO	1035+60		RAMP GORE AREA (WHITE)
TOTAL	43.5				

70300100	SHORT-TERM PAVEMENT MARKING				REMARKS
EQ FT	LOCATION				
28.2	1034+25	TO	1048+35		RAMP MAINLINE
25.1	1034+25	TO	1048+35		RAMP MAINLINE
63.0	1047+25	TO	1048+00		STAGE I YELLOW
63.5	215+00	TO	215+70		STAGE II YELLOW
TOTAL	179.8				

78200410	GUARDRAIL MARKERS, TYPE A				REMARKS
EACH	LOCATION				
5.0	827+50	TO	833+50		
TOTAL	5.0				

PLOT DATE = Thu Jan 25 15:44:23 2007
 FILE NAME = C:\projects\207286\207286.dgn
 USER NAME = garrig

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	(81-1) M-4	ROCK ISLAND	33	12
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

SCHEDULE OF QUANTITIES

ITEM NO.	DESCRIPTION	LOCATION	REMARKS
78201000	TERMINAL MARKER - DIRECT APPLIED EACH		
		827+50 TO 833+50	TYPE I SPECIAL TERMINAL
	1.0		
	1.0		
78300100	PAVEMENT MARKING REMOVAL SQ. FT.		
		1034+25 TO 1048+35	RAMP MAINLINE - RT
	470.0		
		1034+25 TO 1048+35	RAMP MAINLINE - LT
	418.7		
		827+50 TO 833+50	ADJACENT TO PROPOSED GUARDRAIL RT
	216.7		
		1033+00 TO 1035+50	GORE EXIT LT
	96.7		
		215+00 TO 216+45	GORE EXIT RT
	153.3		
TOTAL	1,355.3		
X0301894	REMOVE AND REINSTALL CONCRETE HEADWALL FOR PIPE UNDERDRAIN EACH		
		1050+60 TO 1050+60	
	1.0		
	1.0		
X0324589	PIPE UNDERDRAIN OUTLET EXTENSION FOR 4" PIPE EACH		
		1050+60 TO 1050+60	
	1.0		
	1.0		
XX004096	REMOVE AND RE-INSTALL CONCRETE FLARED END SECTIONS EACH		
		1048+05 TO 1048+05	
	1.0		
	1.0		

C 64C30				
EARTH WORK SCHEDULE				
LOCATION	20200100 EARTH EXC (CUT) CU YD	EARTH EXC ADJ SHRINK 25% CU YD	20400800 EMBANK (FILL) CU YD	EARTH WORK BALANCE WASTE (+) SHORTAGE (-) CU YD
RAMP MAINLINE				
1034 + 00 - 1048 + 00	26.4	20	176	-157
MAINLINE GUARD RAIL				
827 + 50 - 831 + 50	80	60	67	-7
TOTAL	106	80	243	-164

PLOT DATE = Thu Jan 25 15:44:23 2007
 FILE NAME = C:\projects\1287286\1287286.dgn
 USER NAME = grantpa

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	(81-1) M-4	ROCK ISLAND	33	13
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

SEQUENCE OF WORK

STAGE 1

- * THIS STAGE SHALL BE CONSTRUCTED USING TRAFFIC CONTROL & PROTECTION STANDARDS 701400, AND 701411.
- * THE INSIDE 14' OF THE ENTIRE RAMP WILL BE RESURFACED WHILE THE OUTSIDE 12' WILL BE OPEN TO TRAFFIC. SPEED LIMIT SHOULD BE STRICTLY ENFORCED.
- * REMOVE EXISTING GUARDRAIL AND REPLACE ACCORDING TO GUARDRAIL DETAIL.
- * ALL PROPOSED SHOULDER WORK ADJACENT TO PROPOSED GUARDRAIL WILL BE DONE.

STAGE 2

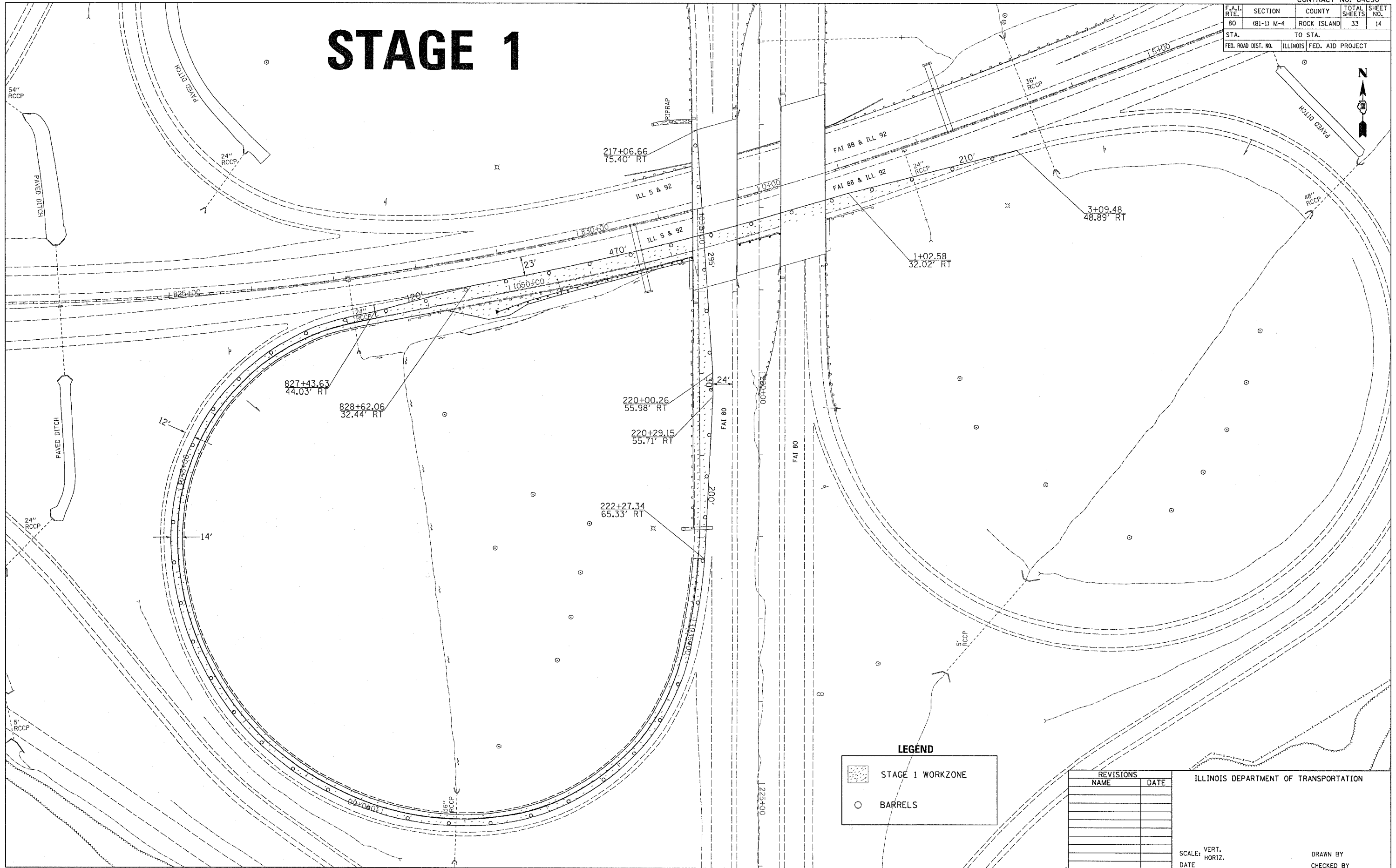
- * THIS STAGE SHALL BE CONSTRUCTED USING TRAFFIC CONTROL & PROTECTION STANDARDS 701400, 701406, AND 701411.
- * THE OUTSIDE 12' OF THE RAMP WILL BE RESURFACED WHILE THE INSIDE 14' WILL BE OPEN TO TRAFFIC. SPEED LIMIT SHOULD BE STRICTLY ENFORCED.
- * PERMANENT PAVEMENT MARKINGS SHALL NOT BE PLACED UNTIL ALL WORK IS COMPLETE. UNTIL THAT TIME, TEMPORARY PAVEMENT MARKING SHALL BE USED.
- * PERMANENT SEEDING SHALL BE INSTALLED OVER THE ENTIRE JOB.

PLOT DATE = Thu Jan 26 15:42:14 2006
 FILE NAME = C:\projects\207206\07206s\07206s1\phts.dgn
 PLOT SCALE = 1/8"=1'-0"
 USER NAME = gremtpm

REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION
NAME	DATE	
		SCALE: VERT. _____ HORIZ. _____ DATE _____
		DRAWN BY _____ CHECKED BY _____

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	(81-1) M-4	ROCK ISLAND	33	14
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

STAGE 1



LEGEND

	STAGE 1 WORKZONE
	BARRELS

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

SCALE: VERT. / HORIZ. / DATE

DRAWN BY / CHECKED BY

STAGE 1

PLOT DATE = Thu Jan 25 15:42:12 2007
FILE NAME = C:\projects\64c30\207286\1007206\stage1.dgn
USER NAME = g...
... / IN.

STAGE 1

CONTRACT NO. 64C30				
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	(81-1) M-4	ROCK ISLAND	33	15
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	



ROAD CONSTRUCTION AHEAD

WORK ZONE
SPEED LIMIT
45
BEGINS
* XXX FINE MINIMUM

FLAGGER

END WORK ZONE
SPEED LIMIT

EXIT OPEN AHEAD

WORK ZONE
SPEED LIMIT
45
BEGINS
* XXX FINE MINIMUM

FLAGGER

WHEN APPLICABLE

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

SCALE: VERT.
HORIZ.
DATE

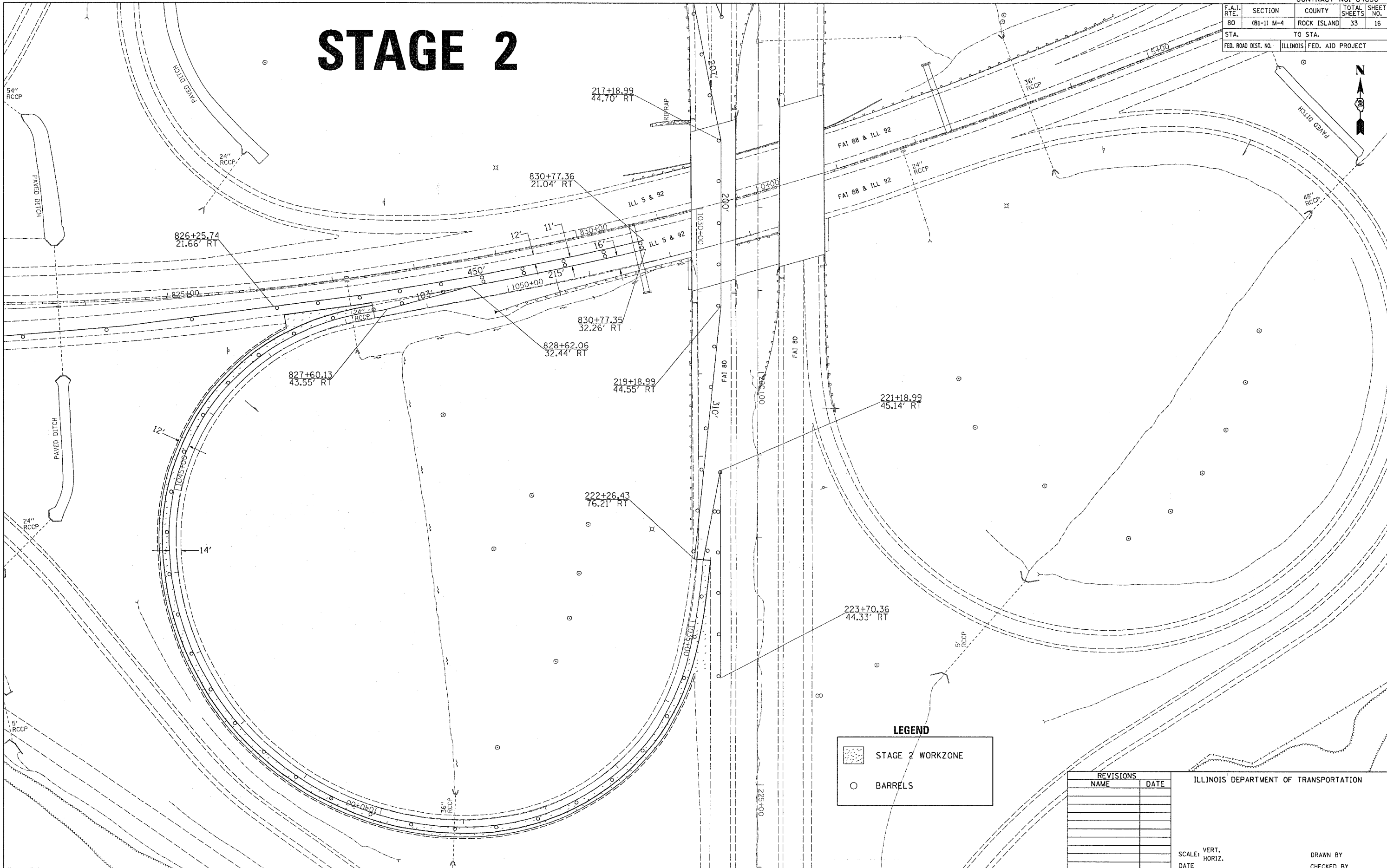
DRAWN BY
CHECKED BY

PLOT DATE = Thu Jan 25 15:42:32 2007
PLOT SCALE = 1/8" = 1'-0"
USER NAME = gromtpm



STAGE 1

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	(81-1) M-4	ROCK ISLAND	33	16
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

STAGE 2



LEGEND

-  STAGE 2 WORKZONE
-  BARRELS

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

SCALE: VERT. HORIZ. DATE

DRAWN BY CHECKED BY

STAGE 2

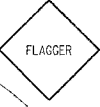
PLOT DATE = Thu Jan 25 15:42:13 2007
 PLOT SCALE = 50.0000' / IN.
 USER NAME = gromtpm

STAGE 2

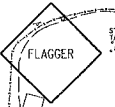
CONTRACT NO. 64C30				
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	(81-1) M-4	ROCK ISLAND	33	17
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	



WORK ZONE
SPEED LIMIT
45
BEGINS
§ XXX FINE
MINIMUM



WORK ZONE
SPEED LIMIT
45
BEGINS
§ XXX FINE
MINIMUM



EXIT
OPEN
AHEAD

END WORK ZONE
SPEED LIMIT

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

SCALE: VERT.
HORIZ.
DATE

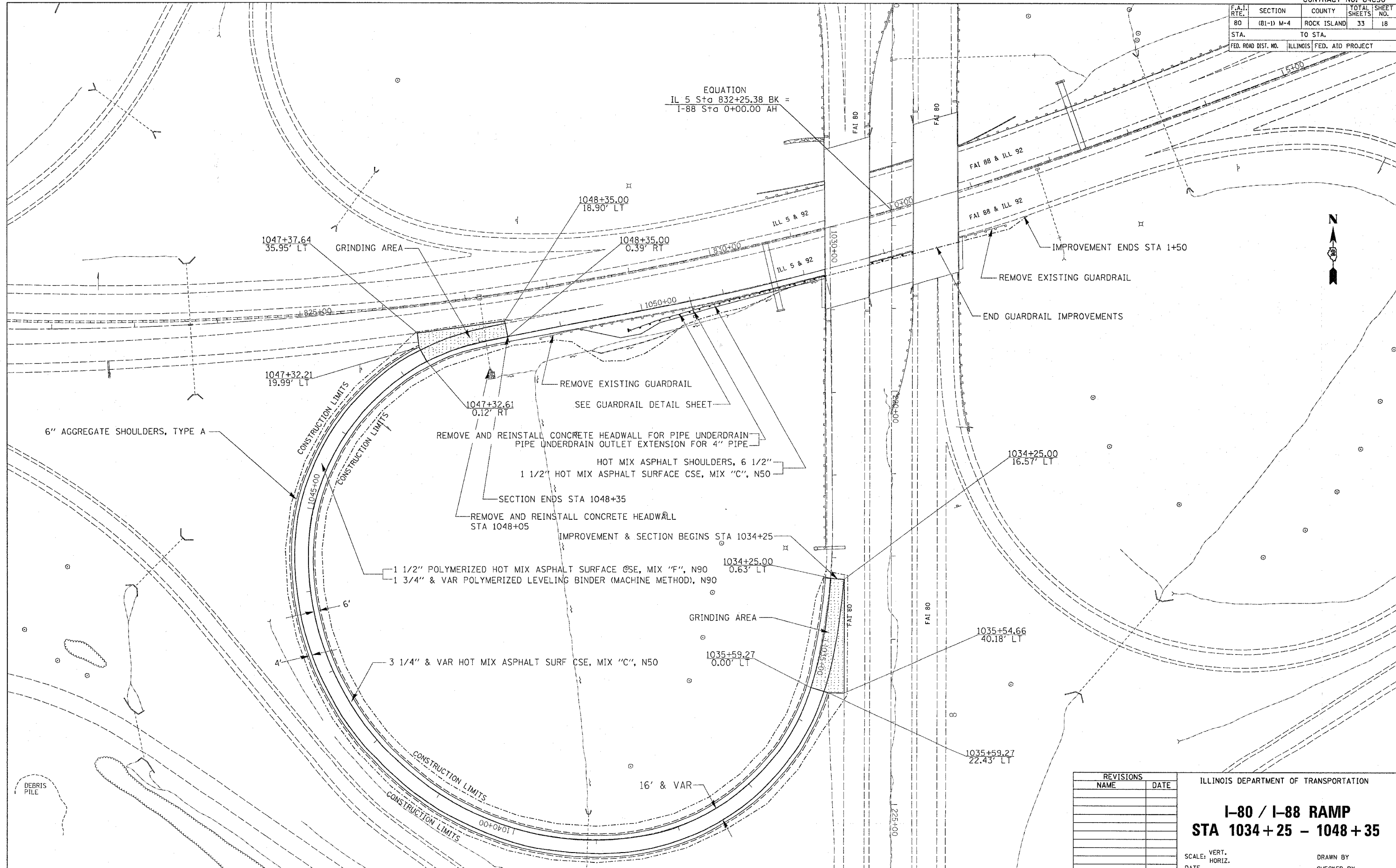
DRAWN BY
CHECKED BY

STAGE 2

PLOT DATE = Thu Jan 25 15:42:13 2007
FILE NAME = C:\projects\2007286\2007286stage2.dgn
PLOT SCALE = 100.0000 : 1 IN.
USER NAME = ggrant

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	(81-1) M-4	ROCK ISLAND	33	18
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

EQUATION
 $IL\ 5\ Sta\ 832+25.38\ BK =$
 $1-88\ Sta\ 0+00.00\ AH$



6" AGGREGATE SHOULDERS, TYPE A

1047+37.64
35.95' LT
GRINDING AREA

1048+35.00
18.90' LT

1048+35.00
0.39' RT

1047+32.21
19.99' LT

1047+32.61
0.12' RT

REMOVE EXISTING GUARDRAIL

SEE GUARDRAIL DETAIL SHEET

REMOVE AND REINSTALL CONCRETE HEADWALL FOR PIPE UNDERDRAIN
 PIPE UNDERDRAIN OUTLET EXTENSION FOR 4" PIPE

HOT MIX ASPHALT SHOULDERS, 6 1/2"
 1 1/2" HOT MIX ASPHALT SURFACE CSE, MIX "C", N50

SECTION ENDS STA 1048+35

REMOVE AND REINSTALL CONCRETE HEADWALL
 STA 1048+05

IMPROVEMENT & SECTION BEGINS STA 1034+25

1 1/2" POLYMERIZED HOT MIX ASPHALT SURFACE CSE, MIX "F", N90
 1 3/4" & VAR POLYMERIZED LEVELING BINDER (MACHINE METHOD), N90

1034+25.00
0.63' LT

GRINDING AREA

3 1/4" & VAR HOT MIX ASPHALT SURF CSE, MIX "C", N50

1035+59.27
0.00' LT

16' & VAR

1034+25.00
16.57' LT

1035+54.66
40.18' LT

1035+59.27
22.43' LT

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

I-80 / I-88 RAMP
STA 1034 + 25 - 1048 + 35

SCALE: VERT. / HORIZ.
 DATE

DRAWN BY
 CHECKED BY

PLOT DATE = Thu Jan 25 15:41:13 2007
 FILE NAME = C:\p\projects\207286\87286.plt.dgn
 PLOT SCALE = 50.0000 / IN.
 USER NAME = grngm

DEBRIS
 PILE

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	(81-1) M-4	ROCK ISLAND	33	19
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

PLAN

SURVEYED	BY	DATE
NOTE BOOK		
NO.		

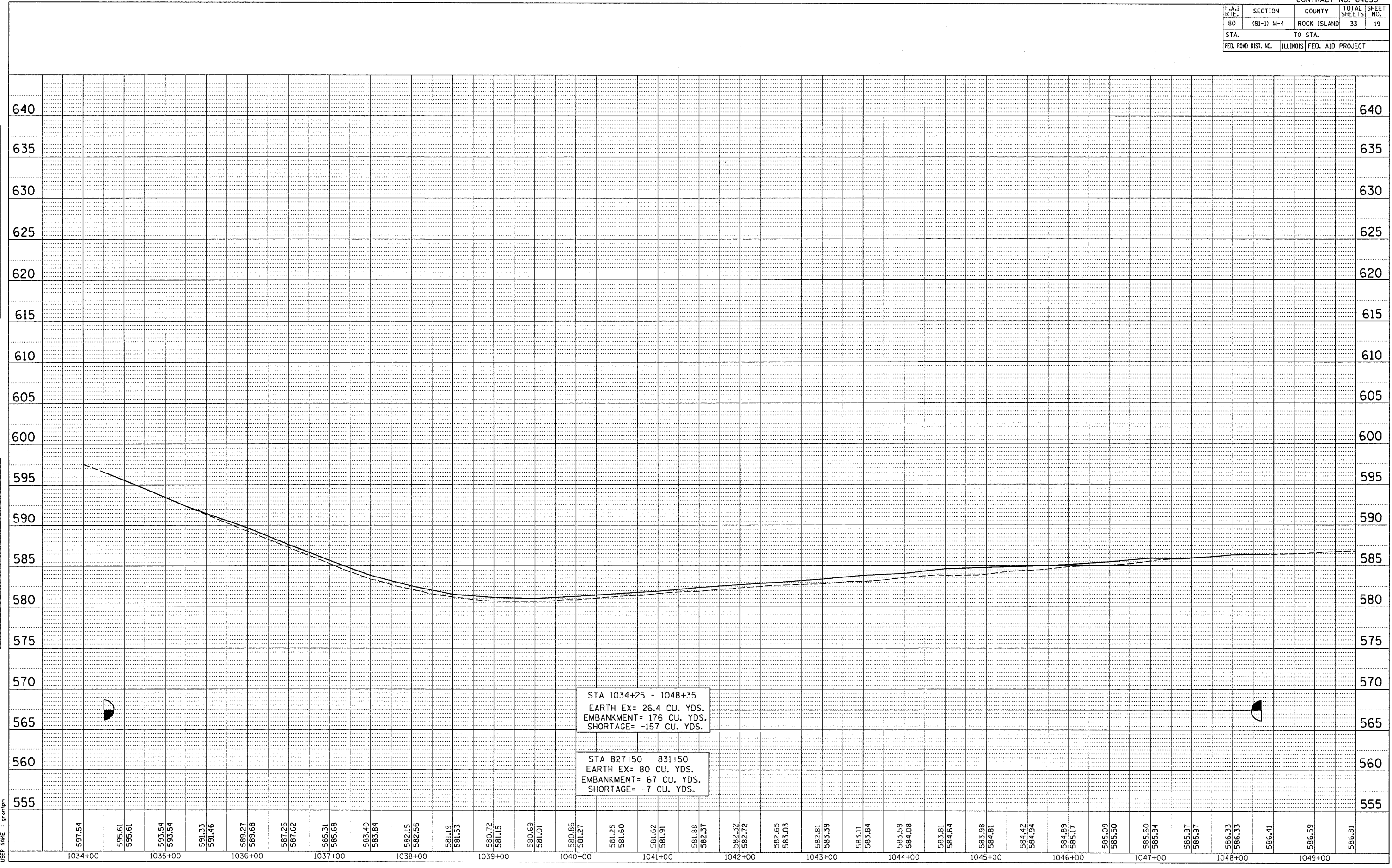
ALIGNED CHECKED
PLD FILE NAME

PROFILE

SURVEYED	BY	DATE
NOTE BOOK		
NO.		

GRADES CHECKED
PROPOSED ORIGINAL GROUND

PLOT DATE = Thu Jan 25 15:41:14 2007
 FILE NAME = c:\projects\287286\287286pln.dgn
 SCALE = 41.9999 / IN.
 USER NAME = gromgm



STA 1034+25 - 1048+35
 EARTH EX= 26.4 CU. YDS.
 EMBANKMENT= 176 CU. YDS.
 SHORTAGE= -157 CU. YDS.

STA 827+50 - 831+50
 EARTH EX= 80 CU. YDS.
 EMBANKMENT= 67 CU. YDS.
 SHORTAGE= -7 CU. YDS.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	(81-1) M-4	ROCK ISLAND	33	21
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

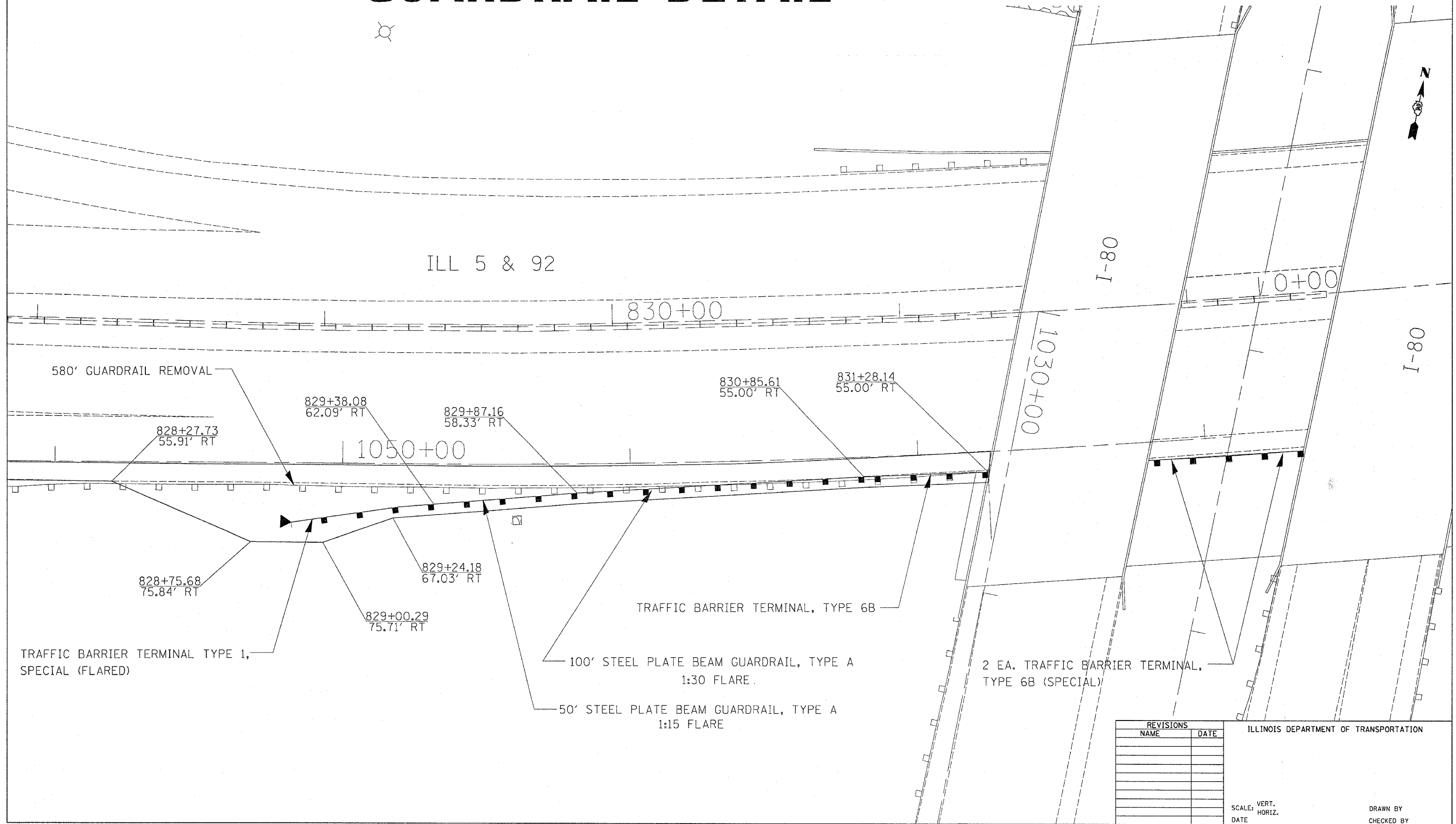
PAVEMENT ELEVATIONS

STATION	EX SHLD ELEV	BINDER	LT SHLD ELEV	EX EOP ELEV	BINDER	ELEV LT	ELEV RT	BINDER	EX EOP ELEV	RT SHLD ELEV	BINDER	EX SHLD ELEV
1034+25				597.19		597.19	596.6		596.6			596.23
1034+50				596.36		596.36	595.61		595.61			595.22
1035+00				594.62		594.62	593.54		593.54			593.04
1035+50				592.79		592.79	591.46	591.33	591.32	591.02	590.85	590.85
1036+00	590.73	590.88	591.01	590.68	590.83	590.96	589.68	589.66	589.27	589.19	589.05	588.55
1036+50	588.66	588.81	588.93	588.6	588.74	588.87	587.62	587.5	587.27	587.15	587.01	586.87
1037+00	586.64	586.79	586.92	586.62	586.77	586.89	585.68	585.56	585.31	585.2	585.08	584.71
1037+50	584.78	584.93	585.05	584.86	585	585.13	583.84	583.71	583.4	583.36	583.23	582.65
1038+00	583.41	583.62	583.75	583.55	583.7	583.82	582.56	582.43	582.25	582.03	581.91	581.23
1038+50	582.57	582.71	582.84	582.51	582.65	582.78	581.53	581.4	581.25	581.09	580.97	580.64
1039+00	582.02	582.4	582.52	582.18	582.32	582.45	581.15	581.02	580.79	580.69	580.57	580.09
1039+50	581.9	582.25	582.38	582.03	582.17	582.3	581.01	580.88	580.75	580.56	580.42	579.94
1040+00	582.46	582.6	582.73	582.32	582.46	582.59	581.27	581.15	580.91	580.78	580.66	580.13
1040+50	582.6	582.84	582.97	582.62	582.76	582.89	581.6	581.47	581.23	581.13	581	580.51
1041+00	583.04	583.18	583.31	582.95	583.09	583.22	581.91	581.79	581.61	581.46	581.34	580.77
1041+50	583.35	583.61	583.74	583.4	583.54	583.67	582.37	582.24	581.87	581.89	581.76	581.14
1042+00	583.61	583.98	584.11	583.77	583.91	584.04	582.72	582.6	582.31	582.24	582.11	581.63
1042+50	584	584.31	584.43	584.1	584.24	584.37	583.03	582.9	582.63	582.55	582.43	581.95
1043+00	584.39	584.65	584.78	584.44	584.58	584.71	583.39	583.27	582.81	582.93	582.81	582.13
1043+50	584.78	585.05	585.18	584.87	585.02	585.14	583.84	583.71	583.15	583.35	583.22	582.47
1044+00	585.13	585.29	585.41	585.1	585.25	585.37	584.08	583.95	583.63	583.61	583.49	582.84
1044+50	585.45	585.87	585.99	585.69	585.83	585.96	584.64	584.51	583.84	584.16	584.03	583.1
1045+00	585.73	586.02	586.15	585.84	585.98	586.11	584.81	584.69	584.04	584.3	584.18	583.34
1045+50	586.03	586.17	586.3	585.97	586.12	586.24	584.94	584.81	584.42	584.45	584.32	583.88
1046+00	586.25	586.39	586.52	586.22	586.37	586.5	585.17	585.04	584.9	584.68	584.55	584.25
1046+50	586.69	586.83	586.96	586.55	586.69	586.82	585.5	585.37	585.07	585.01	584.88	584.53
1047+00	586.95	587.18	587.31	586.95	587.09	587.22	585.94	585.81	585.59	585.49	585.36	584.9
1047+50				587.01		587.01	585.96		585.96	585.62	585.48	585.38
1048+00				587.07		587.06	586.33		586.33	586.07	585.94	585.78
1048+35				587.09		587.09	586.37		586.37	586.14		585.84

PLOT DATE = Thu Jan 25 15:39:52 2007
 PLOT NAME = C:\pavement\1048\1048\1048p1.dgn
 PLOT USER = gantepa

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	(81-1) M-4	ROCK ISLAND	33	22
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

GUARDRAIL DETAIL



PLOT DATE = Thu Jan 25 15:39:51 2007
 FILE NAME = C:\projects\207285\207285.dgn
 PLOT SCALE = 1/8" = 1'-0"
 USER NAME = gromph

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

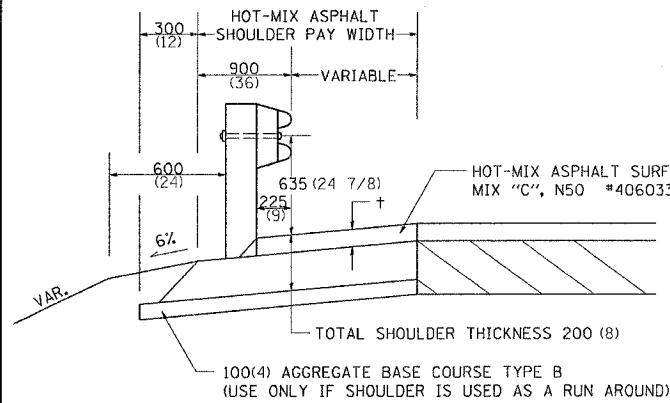
SCALE: VERT. _____
 HORIZ. _____
 DATE _____

DRAWN BY _____
 CHECKED BY _____

GUARDRAIL DETAIL

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	(81-1) M-4	ROCK ISLAND	33	23
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

DETAIL OF HOT-MIX ASPHALT SHOULDER AT GUARD RAIL



+ = SEE TYPICAL SECTIONS FOR THICKNESS

GENERAL NOTES

THE TOP LIFT SHALL NOT BE PLACED BEHIND THE GUARDRAIL POSTS. WHEN PLACING THE TOP LIFT THE RAIL MUST BE REMOVED FROM THE POSTS. THE POST SHALL NOT BE REMOVED.

THE HEIGHT OF THE GUARD RAIL SHALL BE SET **525 (21)** FROM THE FINISHED SURFACE.

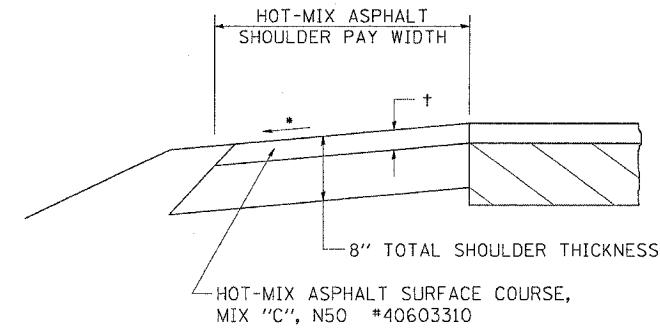
THE HOT-MIX ASPHALT SHOULDER SHALL BE CONSTRUCTED IN ACCORDANCE WITH SECTION 482 EXCEPT THE TOP LIFT SHALL BE HOT-MIX ASPHALT SURFACE COURSE, MIXTURE C, N50. THE WORK WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER TON FOR HOT-MIX ASPHALT SURFACE COURSE, MIXTURE "C", N50 AND SQUARE METER (SQUARE YARD) FOR HOT-MIX ASPHALT SHOULDERS OF THE THICKNESS SPECIFIED. THE REMOVAL & REINSTALLATION OF THE GUARDRAIL WILL BE INCLUDED IN THE COST OF THE HOT-MIX ASPHALT SURFACE COURSE, MIXTURE C, N50.

ALL DIMENSIONS ARE IN MILLIMETERS (INCHES) UNLESS OTHERWISE NOTED.

DETAIL OF HOT-MIX ASPHALT SHOULDER AT GUARD RAIL 23.4

REVISED 10-06-06

HOT-MIX ASPHALT SHOULDER



+ = SEE TYPICAL SECTIONS FOR THICKNESS

ALL DIMENSIONS ARE IN MILLIMETERS (INCHES) UNLESS OTHERWISE NOTED.

GENERAL NOTES

THE HOT-MIX ASPHALT SHOULDER SHALL BE CONSTRUCTED IN ACCORDANCE WITH SECTION 482 EXCEPT THE TOP LIFT SHALL BE HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50 #40603310. THE WORK WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER TON FOR HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50 #40603310 AND SQUARE YARD FOR HOT-MIX ASPHALT SHOULDERS OF THE THICKNESS SPECIFIED.

USE HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50 #40603310. WHEN RESURFACING EXISTING HOT-MIX ASPHALT SHOULDERS. THE THICKNESS IS SHOWN ON THE TYPICAL SECTIONS. THIS WORK WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER TON FOR HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50 #40603310.

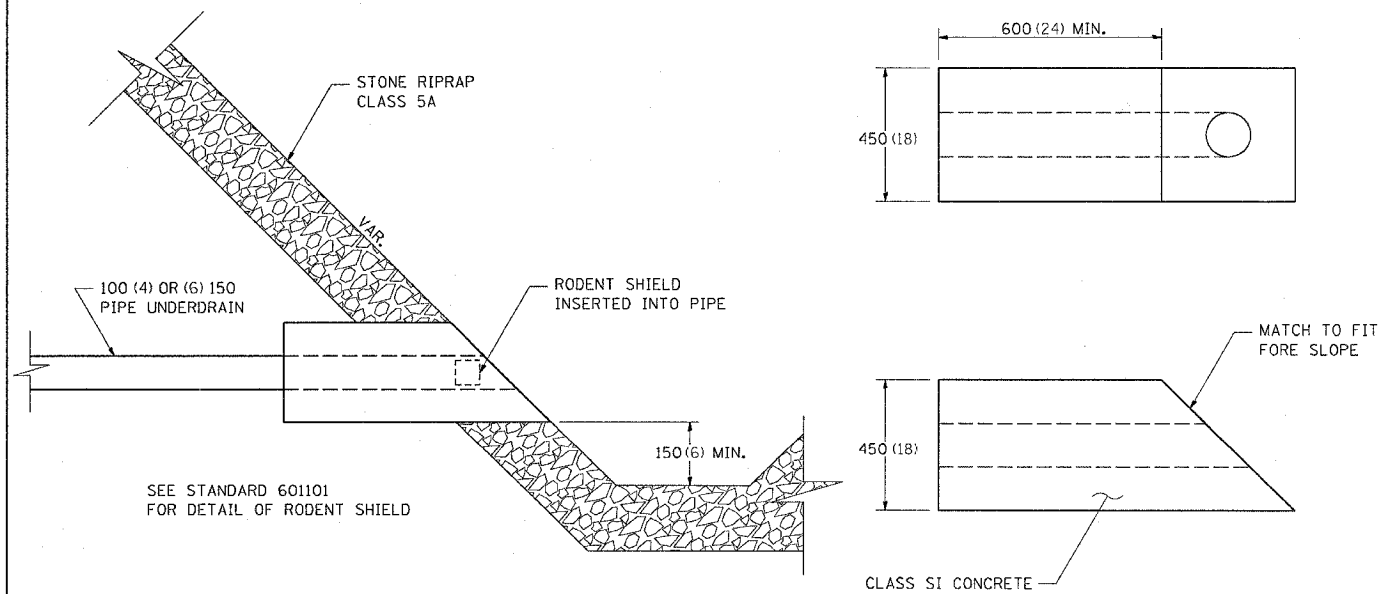
REMOVAL OF MATERIAL FOR PLACEMENT OF THE HOT-MIX ASPHALT SHOULDER TO BE PAID FOR IN UNITS FOR EXCAVATING AND GRADING EXISTING SHOULDERS OR IN CUBIC YARDS FOR EARTH EXCAVATION OR EARTH EXCAVATION WIDENING.

* 4% WHEN MAINLINE IS ON TANGENT. FOR CROSS SLOPE ON SUPERELEVATION SECTION, SEE HIGHWAY STANDARD 482001 OR 482006.

HOT-MIX ASPHALT SHOULDER 23.4a

REVISED 10-06-06

CONCRETE HEADWALLS FOR PIPE DRAINS



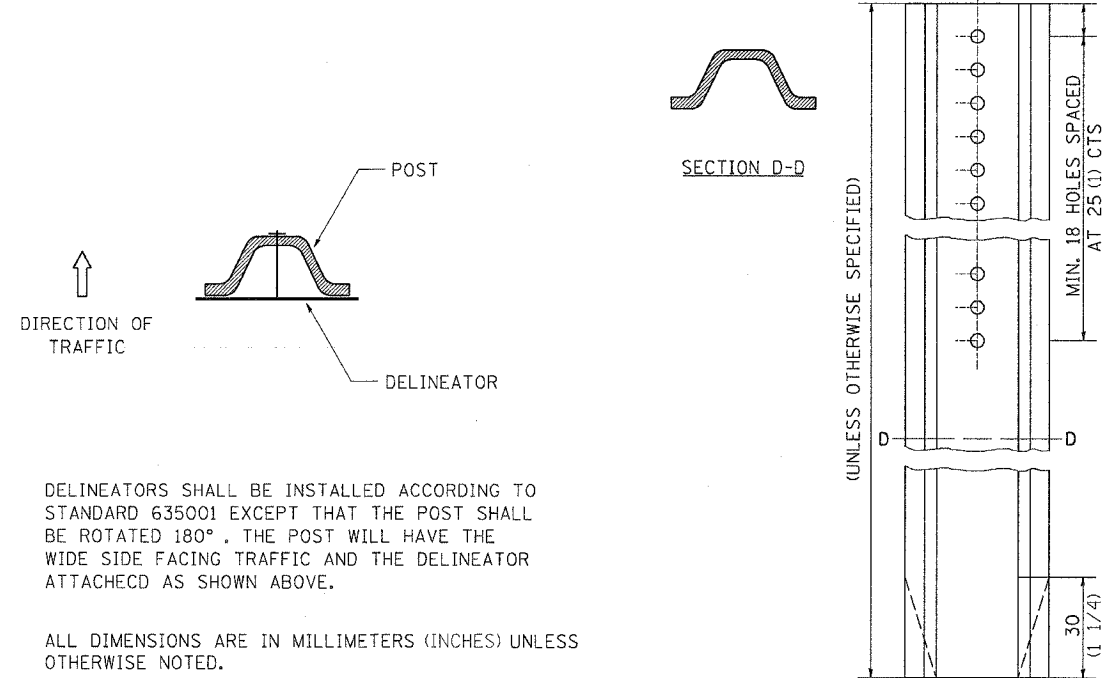
SEE STANDARD 601101 FOR DETAIL OF RODENT SHIELD

ALL DIMENSIONS ARE IN MILLIMETERS (INCHES) UNLESS OTHERWISE NOTED.

CONCRETE HEADWALLS FOR PIPE DRAINS 27.4

REVISED 10-15-04

DELINEATOR AND POST ORIENTATION



DELINEATORS SHALL BE INSTALLED ACCORDING TO STANDARD 635001 EXCEPT THAT THE POST SHALL BE ROTATED 180°. THE POST WILL HAVE THE WIDE SIDE FACING TRAFFIC AND THE DELINEATOR ATTACHED AS SHOWN ABOVE.

ALL DIMENSIONS ARE IN MILLIMETERS (INCHES) UNLESS OTHERWISE NOTED.

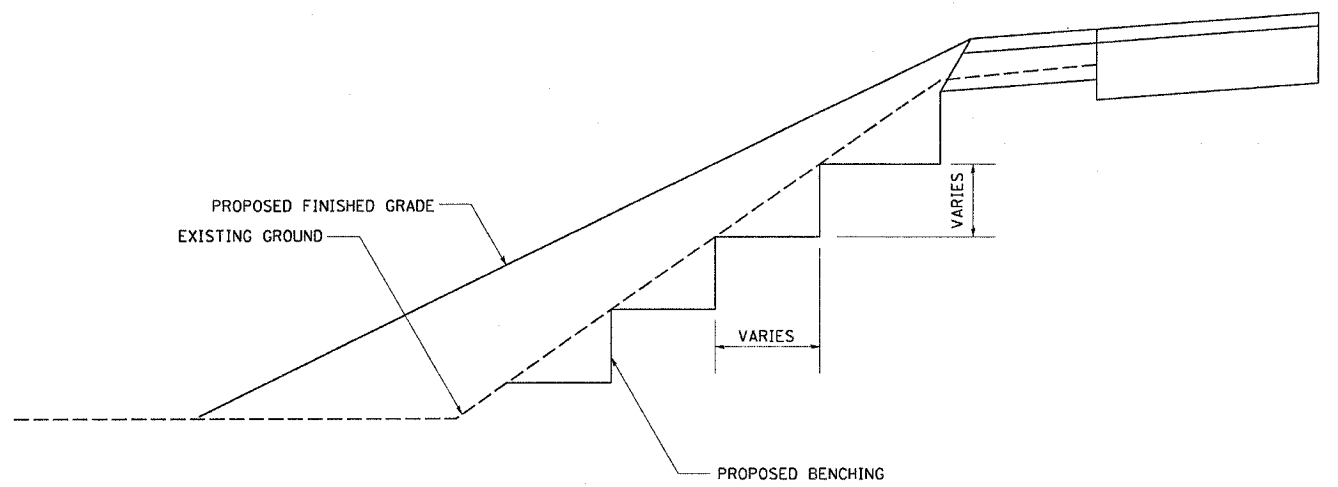
DELINEATOR AND POST ORIENTATION 37.4

REVISED 1-31-00

PLOT DATE: Thu, Jan 25 15:59:51 2007
 FILE NAME: C:\Users\N207266\OneDrive\27266.dgn
 PLOT SCALE: 50.000000 X 1 IN.
 REFERENCE: #REF#

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	(81-1) M-4	ROCK ISLAND	33	24
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

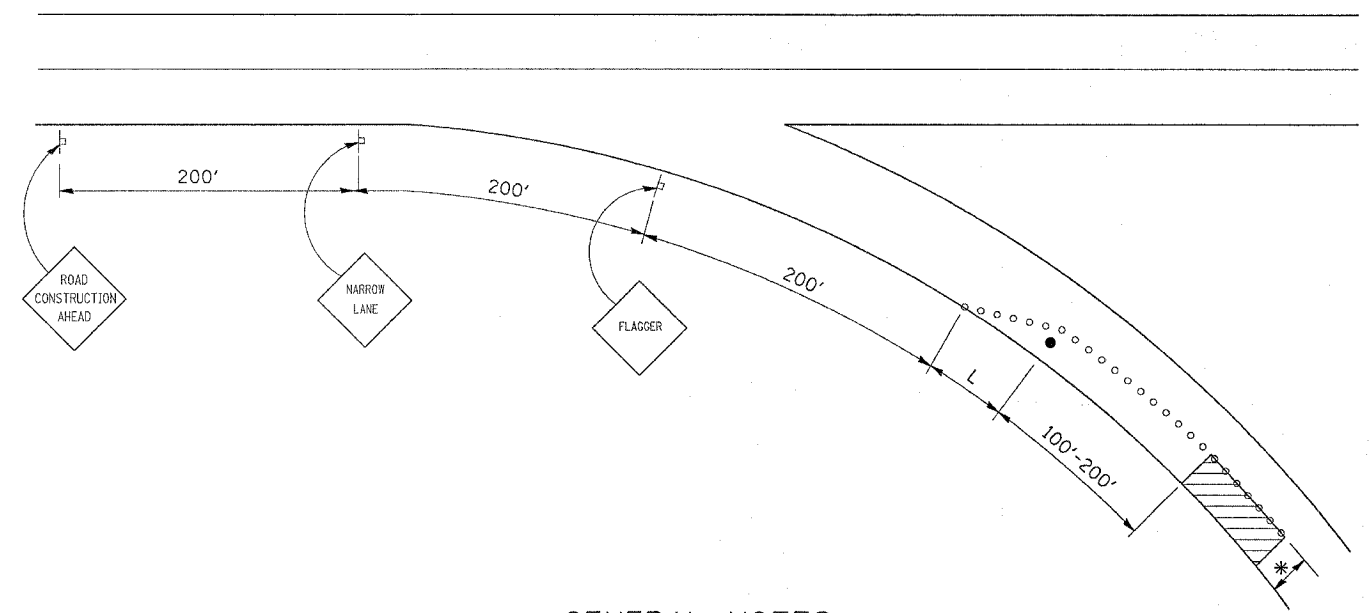
TYPICAL BENCHING ON EXISTING EMBANKMENT



TYPICAL BENCHING ON EXISTING EMBANKMENT 50.4

REVISED 2-22-06

TRAFFIC CONTROL AND PROTECTION FOR RAMPS



GENERAL NOTES

CONES AT 8 m (25') CENTERS FOR 105 m (350'). ADDITIONAL CONES MAY BE PLACED AT 15 m (50') CENTERS. WHEN DRUMS OR BARRICADES ARE USED, THE INTERVAL DEVICES MAY BE DOUBLED.

* WIDTH OF CLOSURE SHOWN ON RAMP PATCHING SCHEDULE OR AS DIRECTED BY ENGINEER.






L= CLOSURE WIDTH * TAPER RATIO IS SPEED LIMIT/1 (POSTED OR ADVISORY)

ANY VISIBLE REPAIRS REQUIRED ON THE SHOULDER BECAUSE OF TRAFFIC SHALL BE PROVIDED AT THE CONTRACTORS EXPENSE. THE ENGINEER SHALL BE THE SOLE JUDGE FOR ANY SHOULDER REPAIRS.

THE RAMP SHALL BE COMPLETELY OPEN TO TRAFFIC BY NIGHTFALL.

TRAFFIC CONTROL AND PROTECTION FOR RAMPS SHALL BE INCLUDED IN THE COST OF STANDARD 701406 OR 701401

SYMBOLS

-  WORK AREA
-  SIGN
-  BARRICADE OR DRUM
-  CONE, DRUM OR BARRICADE
-  FLAGGER WITH TRAFFIC CONTROL SIGN

ALL DIMENSIONS ARE IN MILLIMETERS (INCHES) UNLESS OTHERWISE NOTED.

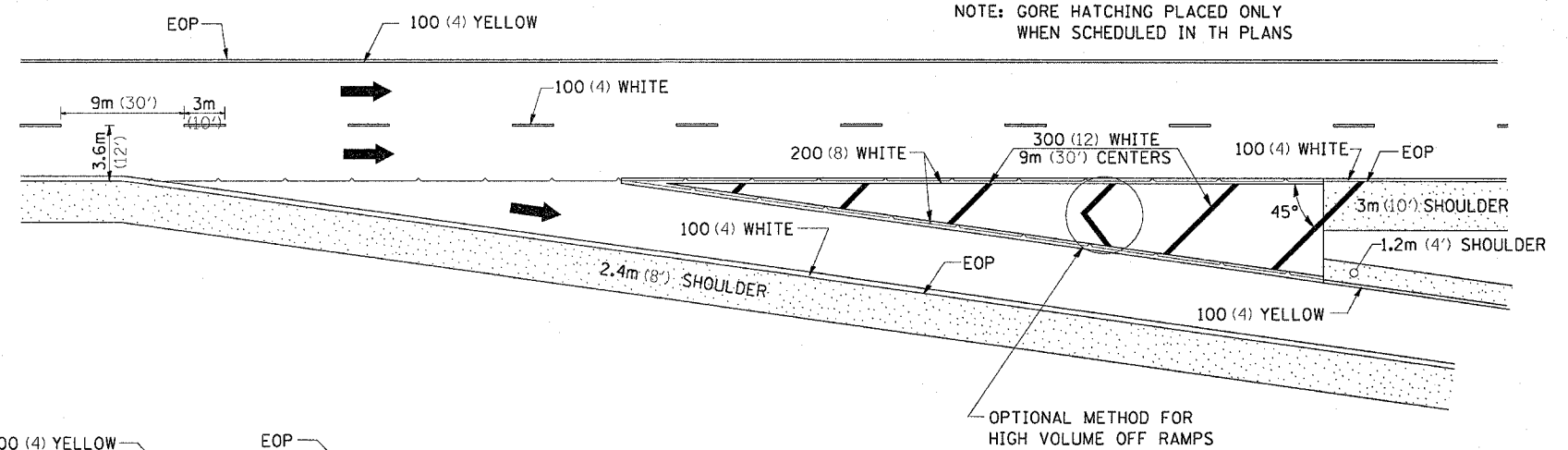
PLOT DATE = Thu Jan 25 15:39:51 2007
 FILE NAME = C:\projects\6207285\6207285.dgn
 PLOT SCALE = 1/8" = 1' IN.
 REFERENCE = REF

REVISED 10-15-04

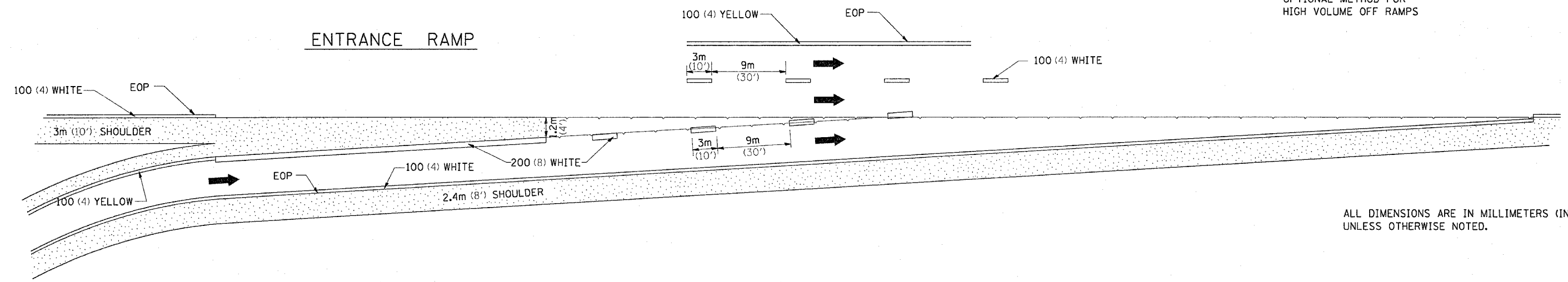
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	(81-1) M-4	ROCK ISLAND	33	25
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

PAINTING DETAILS

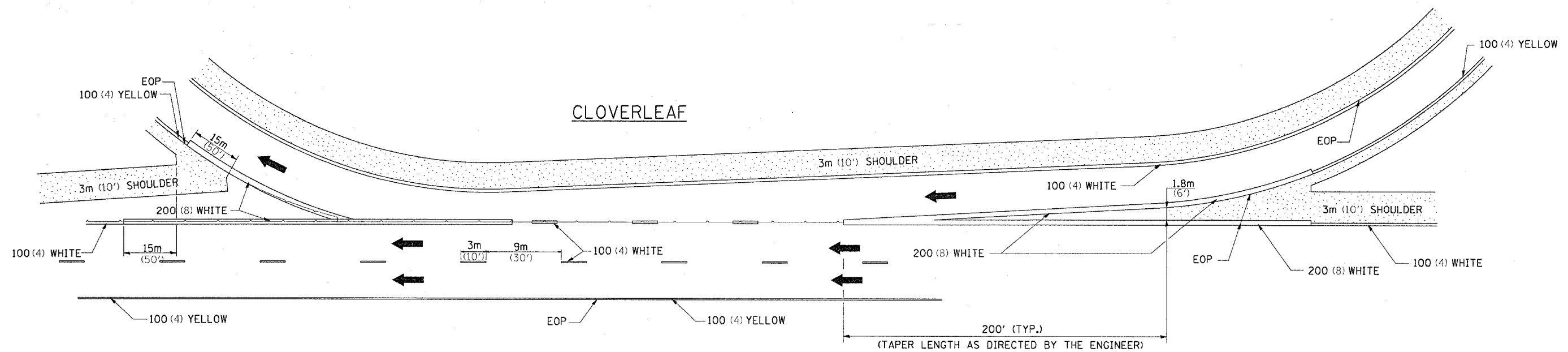
EXIT RAMP



ENTRANCE RAMP



CLOVERLEAF



ALL DIMENSIONS ARE IN MILLIMETERS (INCHES) UNLESS OTHERWISE NOTED.

PLT DATE = Thu Jan 25 15:35:52 2007
PLT SCALE = 50:1
REFERENCE = BREF

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	(81-1) M-4	ROCK ISLAND	33	26

STA. 1034+25.00 TO STA. 1036+00.00
 FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT

FINAL SURVEY NO. _____

REVISIONS	DATE
BY	

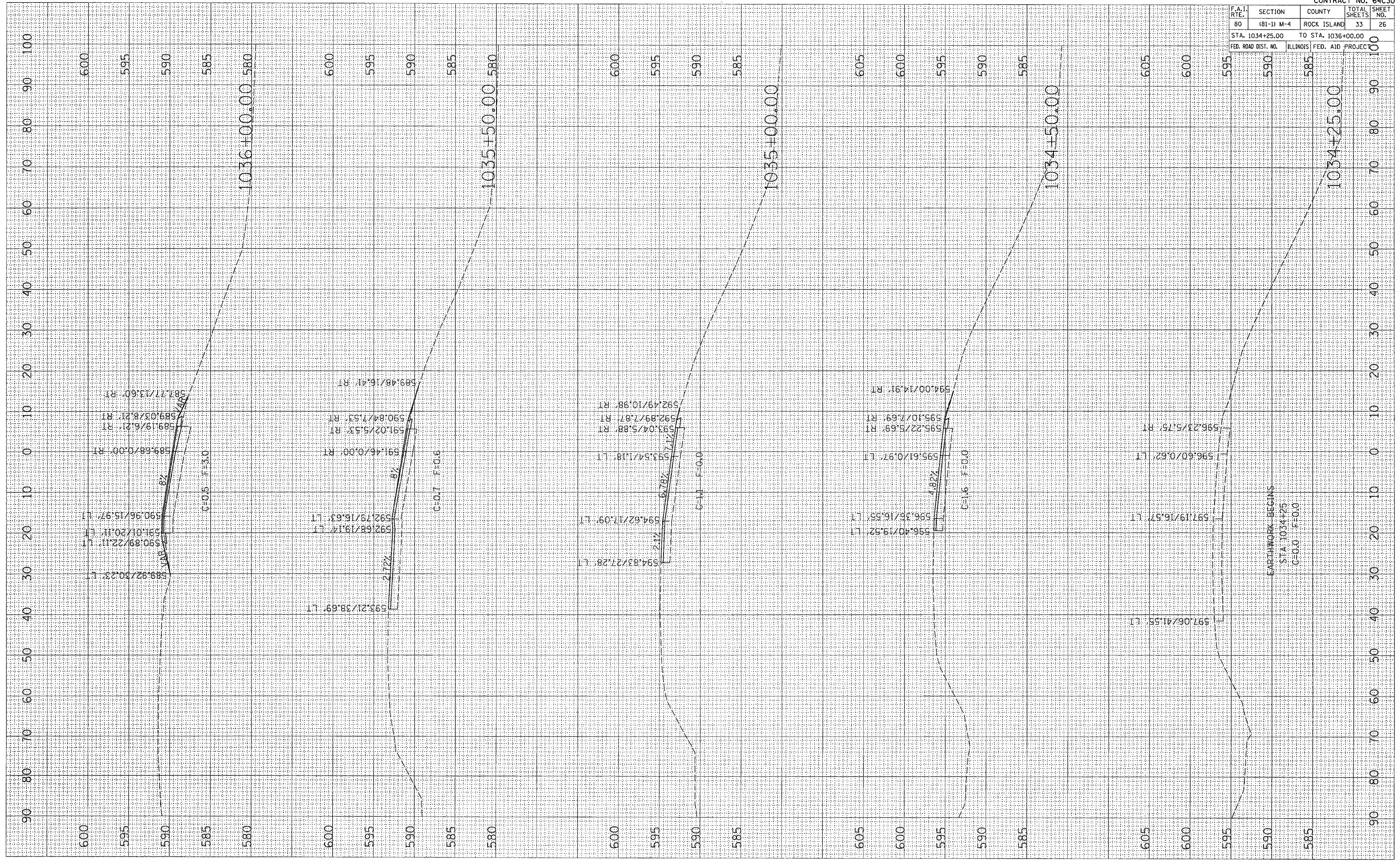
NO. _____

ORIGINAL SURVEY NO. _____

REVISIONS	DATE
BY	

NO. _____

PLOT DATE = Thu Jan 25 15:37:45 2007
 FILE NAME = C:\projects\64c30\1034+25.dwg
 PLOT SCALE = 1/8" = 1' 0"
 USER NAME = graham



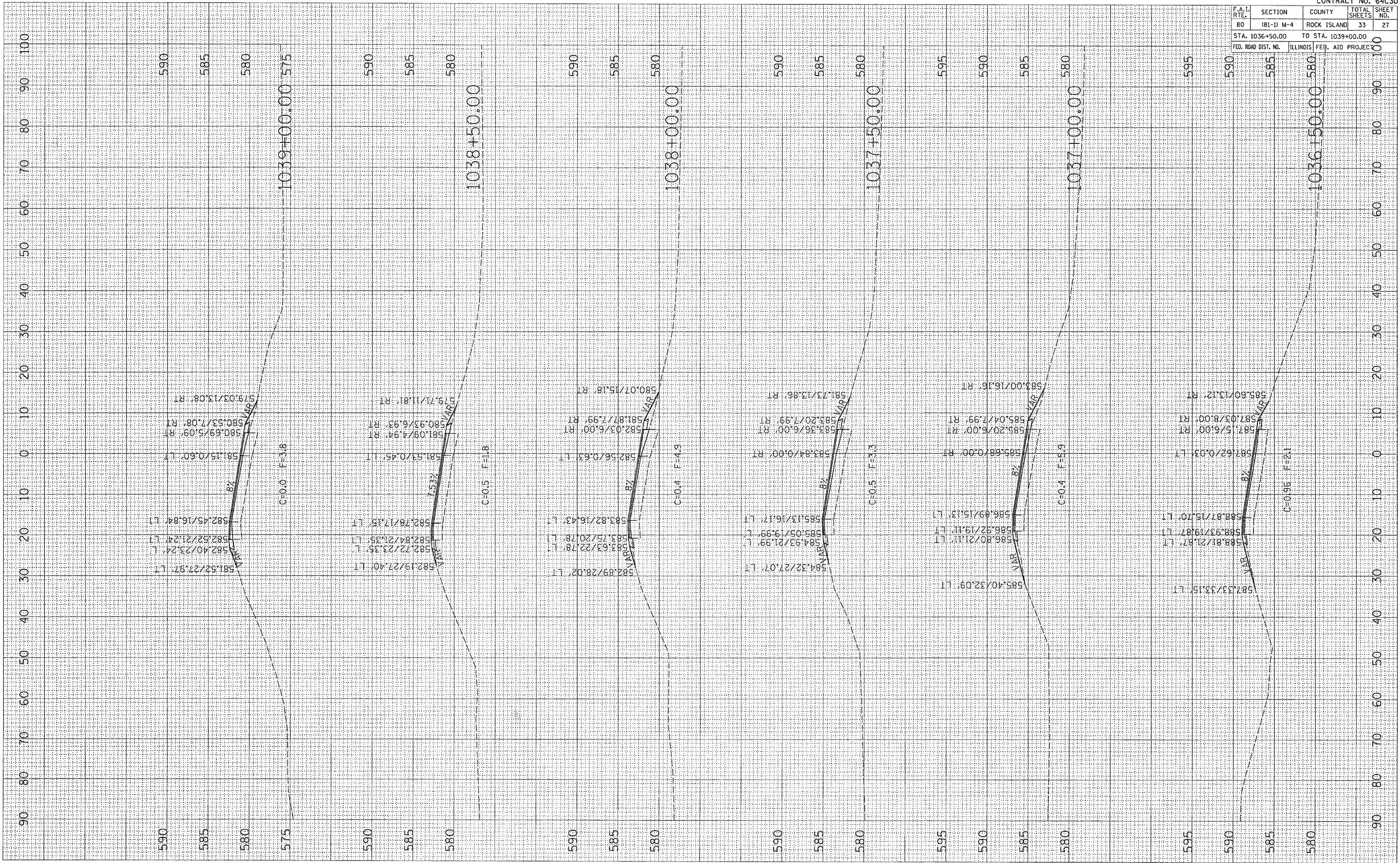
CROSS-SECTIONS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	(B1-1) M-4	ROCK ISLAND	33	27
STA. 1036+50.00		TO STA. 1039+00.00		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJEC.		

DATE	BY

DATE	BY

PLOT DATE: Thu Jan 25 15:37:45 2007
 FILE NAME: C:\Users\m\Documents\1036-1039\1036-1039\1036-1039.dwg
 PLOT SCALE: 1"=100'-0"
 USER NAME: graham



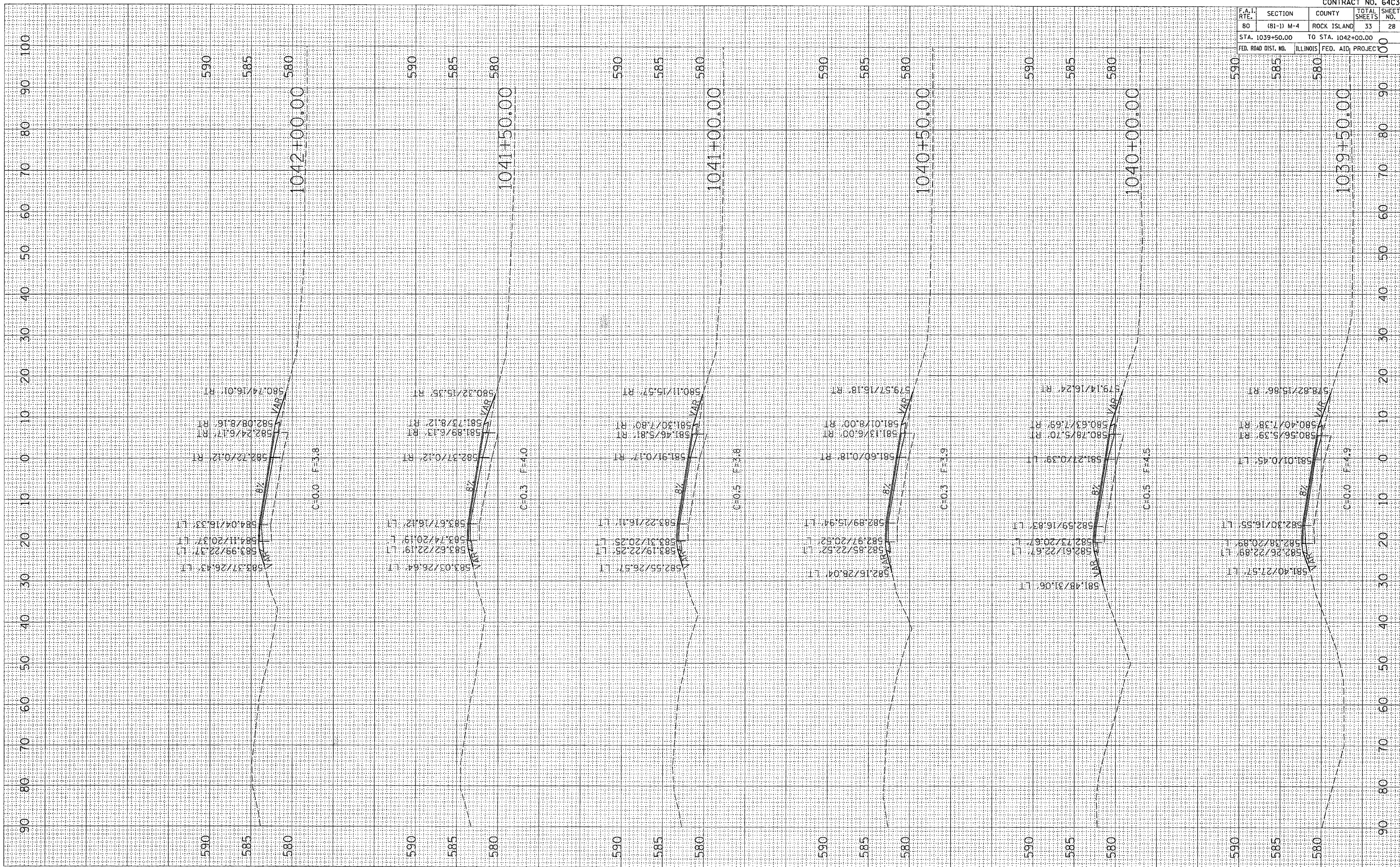
PLOT DATE = Thu Jan 25 15:37:46 2007
 PLOT SCALE = 1/8"=1'-0"
 USER NAME = gromm

ORIGINAL SURVEYED
 SURVEY PLOTTED
 PLOT SCALE = 1/8"=1'-0"
 USER NAME = gromm

FINAL SURVEYED
 SURVEY PLOTTED
 PLOT SCALE = 1/8"=1'-0"
 USER NAME = gromm

BY: _____
 DATE: _____

BY: _____
 DATE: _____



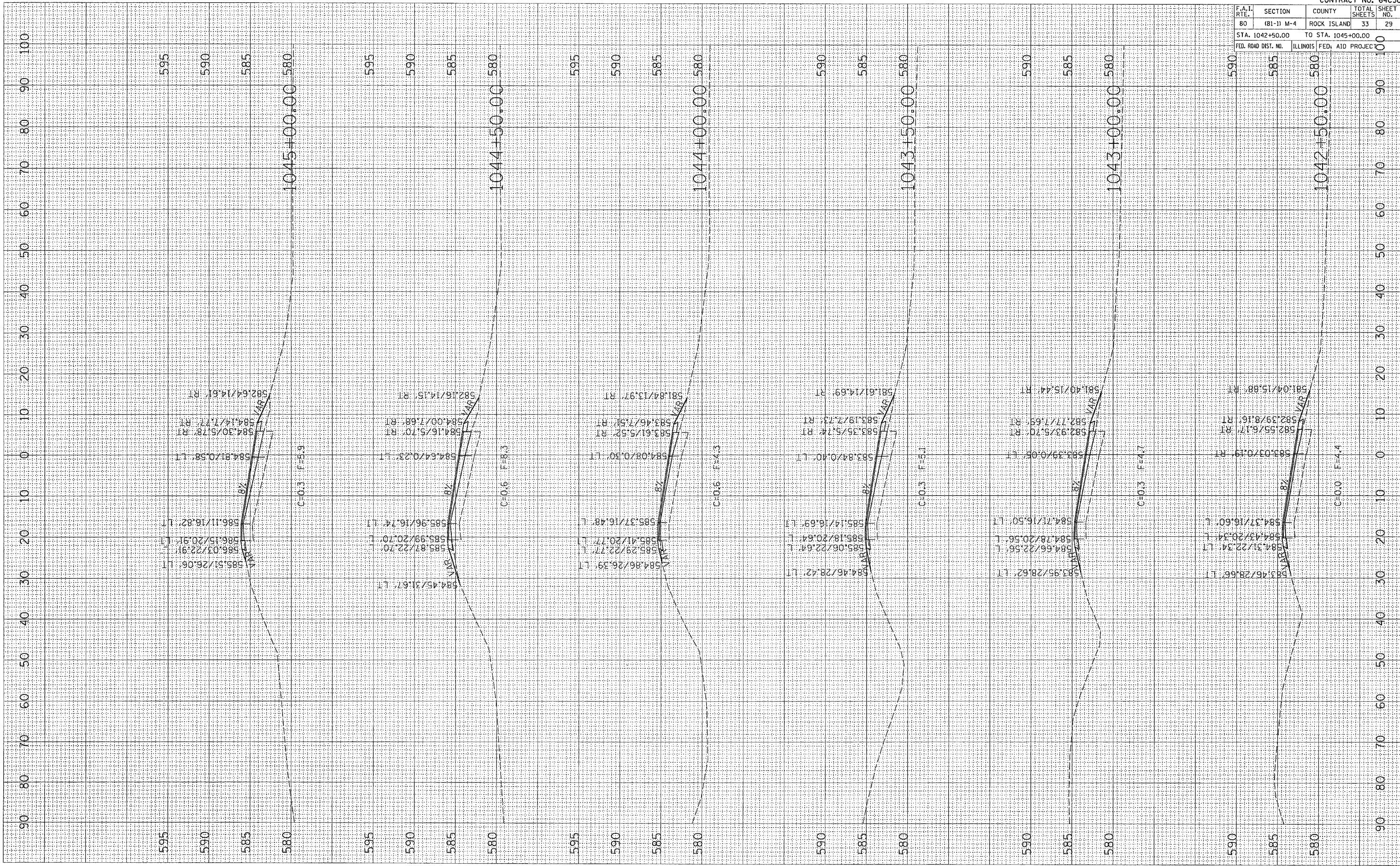
CONTRACT NO. 64C30				
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	(81-1) M-4	ROCK ISLAND	33	28
STA. 1039+50.00		TO STA. 1042+00.00		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJEC		

CROSS-SECTIONS

PLOT DATE = Thu Jan 26 10:37:46 2007
 FILE NAME = C:\projects\207286\487286.mxd
 PLOT SCALE = 1/8" = 1' IN.
 USER NAME = graham

ORIGINAL SURVEY NO. _____
 SURVEYED BY _____
 DATE _____
 TEMPLATE _____
 AREAS CHECKED _____

FINAL SURVEY NO. _____
 SURVEYED BY _____
 DATE _____
 TEMPLATE _____
 AREAS CHECKED _____



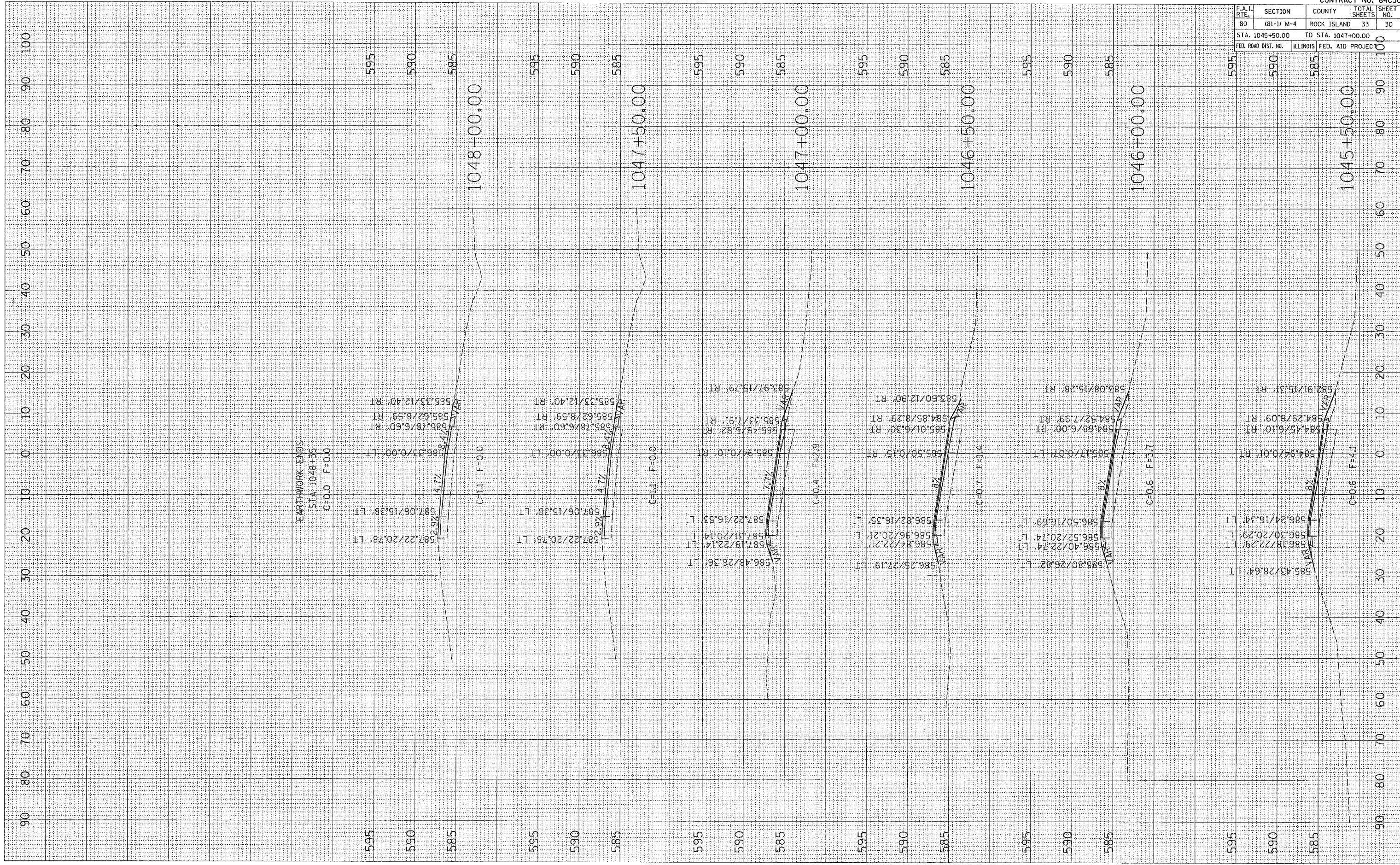
CONTRACT NO. 64C30			
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS
80	(81-1) M-4	ROCK ISLAND	33
STA. 1042+50.00		TO STA. 1045+00.00	
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT

CROSS-SECTIONS

PLOT DATE = Thu Jan 25 15:57:46 2007
 FILE NAME = C:\projects\207296\207296-07296-01.dwg
 PLOT SCALE = 1/8" = 1' IN.
 USER NAME = grantpm

ORIGINAL SURVEYED BY DATE
 SURVEY ID
 SURVEY TEMPLATE
 NOTE BOOK NO.
 AREAS CHECKED

FINAL SURVEYED BY DATE
 SURVEY ID
 SURVEY TEMPLATE
 NOTE BOOK NO.
 AREAS CHECKED



F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	(81-1) M-4	ROCK ISLAND	33	30
STA. 1045+50.00		TO STA. 1047+00.00		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJEC	

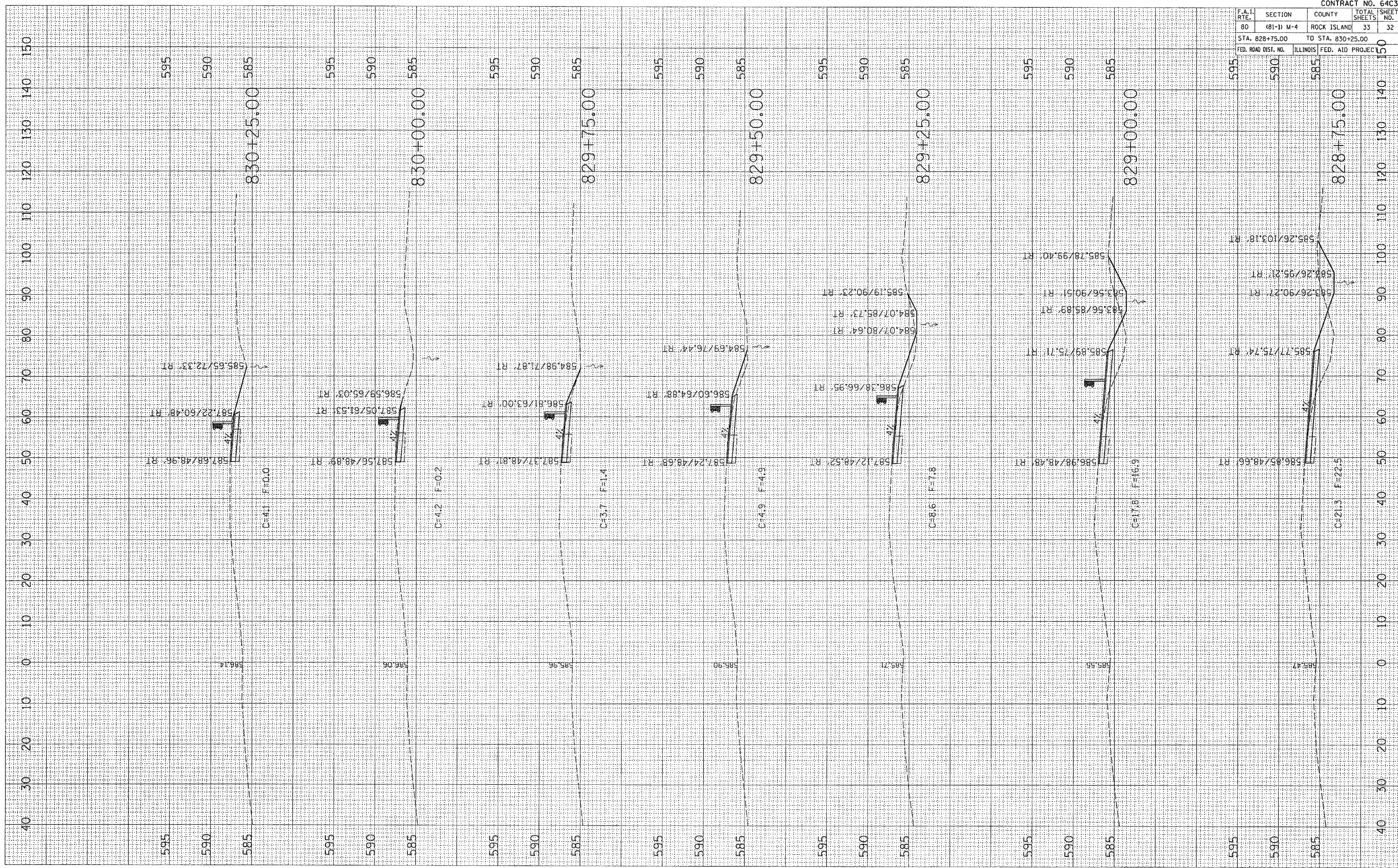
CROSS-SECTIONS

PLOT DATE = Thu Jan 25 15:51:17 2007
 FILE NAME = C:\207266\828266.dwg
 PLOT SCALE = 1/8"=1'-0"
 USER NAME = gms1pm

ORIGINAL SURVEY PLOTTED
 SURVEY PLOTTED
 NOTE BOOK AREA CHECKED
 NO.

FINAL SURVEY PLOTTED
 SURVEY PLOTTED
 NOTE BOOK AREA CHECKED
 NO.

BY _____ DATE _____

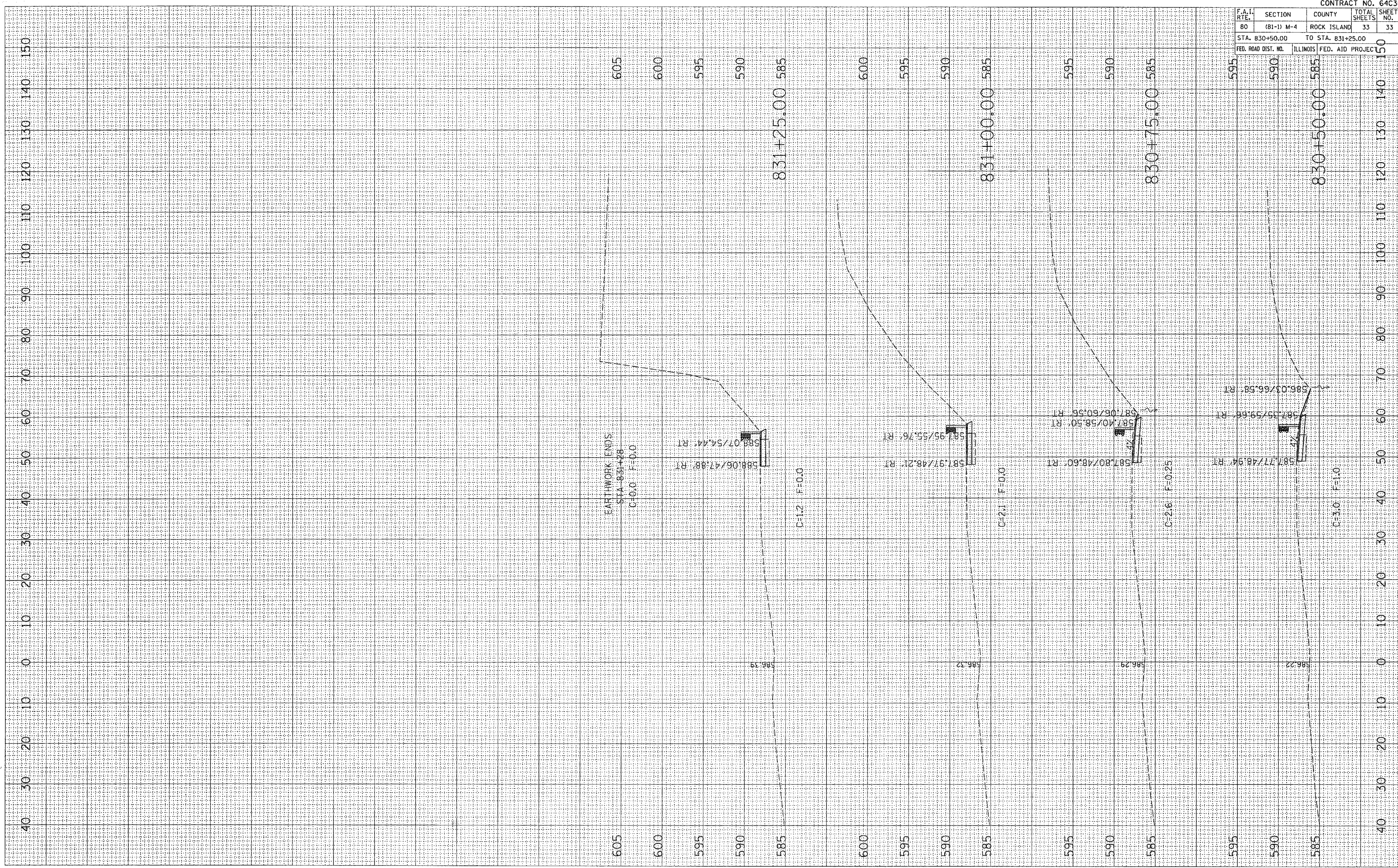


CROSS-SECTIONS

PLOT DATE = Thu Jan 26 15:31:48 2006
 FILE NAME = C:\A\207206\487206.mpl
 PLOT SCALE = 18.0000 / IN.
 USER NAME = grantpa

ORIGINAL SURVEY SURVEYED BY DATE
 PLOTTED PLOTTED BY DATE
 NOTE BOOK NO. AREA CHECKED

FINAL SURVEY SURVEYED BY DATE
 PLOTTED PLOTTED BY DATE
 NOTE BOOK NO. AREA CHECKED



F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	(B1-1) M-4	ROCK ISLAND	33	33

CONTRACT NO. 64C30

STA. 830+50.00 TO STA. 831+25.00
 FED. ROAD DIST. NO. ILLINOIS FED. AID PROJEC

CROSS-SECTIONS