CONTRACT NO. 70263

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
711	(115BR)BR	VERMILION	43	1

1-19-07 Letting, Item 069

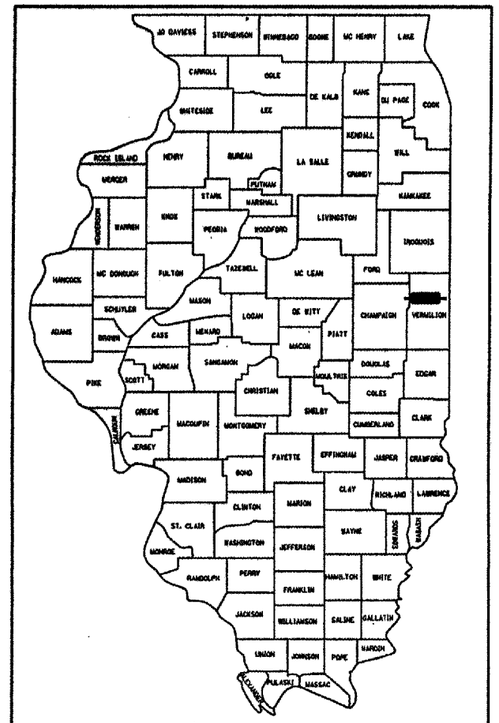
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

PROPOSED
HIGHWAY PLANS

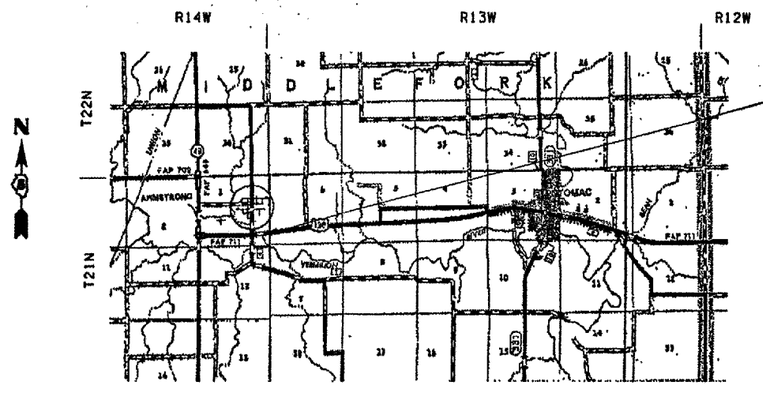
FAP ROUTE 711 (US 136)
SECTION (115BR)BR
STRUCTURE REPLACEMENT
PROJECT BRF-0711(009)
UNNAMED TRIBUTARY TO MIDDLE FORK VERMILION RIVER 3.1 MI W OF POTOMAC
VERMILION COUNTY
C-95-105-02

FOR INDEX OF SHEETS, SEE SHEET NO. 2
FOR SUMMARY OF QUANTITIES, SEE SHEET NO. 5-6

C-95-057-02



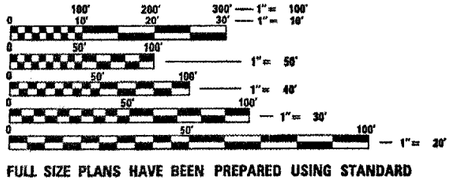
LOCATION OF SECTION INDICATED THUS:- ▬



TOTAL LENGTH OF SECTION & PROJECT = 191.22 FEET = 0.036 MILES
NET LENGTH OF SECTION & PROJECT = 191.22 FEET = 0.036 MILES

DESIGN DESIGNATION

2400(2005) MINOR ARTERIAL - N/A



FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES. IN MAKING MEASUREMENTS ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.

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

CONTRACT NO. 70263

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

SUBMITTED OCT 24 20 06

DEPUTY DIRECTOR OF HIGHWAYS, REGION 3 ENGINEER

December 5 20 06
Eric E. Harm, P.E.
Interim ENGINEER OF DESIGN AND ENVIRONMENT

December 8 20 06
Milton L. Sees, P.E.
DIRECTOR OF HIGHWAYS, CHIEF ENGINEER

PRINTED BY THE AUTHORITY OF THE STATE OF ILLINOIS

PROJECT ENGINEER: KEVIN TRAPP
SQUAD LEADER: JASON W. STULTS
(217) 465-4181

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
711	(115BB)BB	VERMILION	43	2

STA. ________ TO STA. ________

FED. ROAD DIST. NO. _ | ILLINOIS | FED. AID PROJECT

INDEX OF SHEETS

LIST OF STANDARDS

STANDARD NUMBER	STANDARD NAME
280001-03	TEMPORARY EROSION CONTROL SYSTEMS
482001-01	BITUMINOUS SHOULDER ADJACENT TO FLEXIBLE PAVEMENT
515001-02	NAME PLATE FOR BRIDGES
542401	METAL END SECTION FOR PIPE CULVERTS
602306-01	INLET, TYPE B
604036-01	GRATE, TYPE B
667101	PERMANENT SURVEY MARKERS
701001-01	OFF-ROAD OPERATIONS, 2L, 2W, MORE THAN 4.5 m (15') AWAY
701301-02	LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS
701306-01	LANE CLOSURE, 2L, 2W, SLOW MOVING OPERATIONS DAY ONLY, FOR SPEEDS $\geq$ 45 MPH
701311-02	LANE CLOSURE, 2L, 2W, MOVING OPERATIONS - DAY ONLY
702001-06	TRAFFIC CONTROL DEVICES
780001-01	TYPICAL PAVEMENT MARKINGS
781001-02	TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS
000001-04	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
001001	AREAS OF REINFORCEMENT BARS
001006	DECIMAL OF AN INCH AND OF A FOOT

REVISIONS NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

INDEX OF SHEETS/LIST OF STANDARDS

SCALE: VERT.
HORIZ.
DATE

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CHECKED BY

CONTRACT NO. 70263

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
111	(115BR)BR	VERMILION	43	3
STA. _____	TO STA._____			
FED. ROAD DIST. NO. _	ILLINOIS	FED. AID PROJECT		

GENERAL NOTES

G. N. -100
ENGLISH UNITS OF MEASUREMENT SHALL GOVERN OVER AND SUPERSEDE ANY METRIC UNITS SHOWN IN THIS CONTRACT. WHERE INCLUDED, METRIC UNITS ARE FOR INFORMATION ONLY.

G. N. -105.09A
ALL ELEVATIONS SHOWN IN THE PLANS ARE BASED ON NORTH AMERICAN VERTICAL DATUM OF 1988. (NAVD 88)

G. N. -107.31
UTILITY LINES WERE PLOTTED FROM INFORMATION FURNISHED BY THE VARIOUS UTILITY COMPANIES INVOLVED (QUALITY LEVEL C &/OR QUALITY LEVEL D) AND THE ACCURACY SHOULD BE CONSIDERED APPROXIMATE ONLY.

UTLILITY COMPANIES MAY BE ADJUSTING THEIR FACILITIES DURING CONSTRUCTION. THE CONTRACTOR SHALL COOPERATE WITH THESE ORGANIZATIONS WHILE THESE ADJUSTMENTS ARE BEING PERFORMED.
J.U.L.I.E. - JOINT UTILITY LOCATION INFORMATION FOR EXCAVATORS SYSTEM (800)892-0123.

Mr. Bruce Kallal
*AMEREN-CIPS
Rte 9 East, 1205 East Pells Street
P.O. Box 23
Paxton, IL 60957
(217) 379-5441

Mr. Joe Young
*Park TV & Electronic
205 E Firelane Ave
P.O. Box 9
Cissna Park, IL 60924
(815) 457-2659

Mr. Jackie Roelfs
*Verizon North, Inc.
MC ILL0301
212 E Grove St
Rantoul, IL 61866
(217) 892-3358

G. N. -250C(SPL)
TEMPORARY EROSION CONTROL SEEDING IS INCLUDED IN THIS CONTRACT TO SEED NEW EARTH DURING TIME PERIODS WHEN PERMANENT SEEDING IS NOT ALLOWED. SOME OR ALL OF THE TEMPORARY EROSION CONTROL SEEDING WILL BE DELETED IF IT IS POSSIBLE TO PLACE PERMANENT SEEDING ON THE NEW EARTH AT THE TIME OF ITS COMPLETION.

G. N. -281
THE RIPRAP GRADATION SHALL BE IN ACCORDANCE WITH THE GRADATION SPECIFIED IN THE PLANS OR, WITH APPROVAL OF THE ENGINEER, A RIPRAP GRADATION MEETING A D50 GREATER THAN OR EQUAL TO 0.75 FEET. D50 IS DEFINED AS THE MEAN ROCK SIZE AS DESCRIBED IN THE FHWA HYDRAULIC ENGINEERING CIRCULARS (HEC 11, HEC 14 AND HEC 15).

IF GRAVEL IS USED FOR THE BEDDING MATERIAL UNDER RIPRAP, THE GRAVEL SHALL BE CRUSHED AS ALLOWED UNDER ARTICLE 1005.01.

G. N. -406
THE QUANTITIES INCLUDED IN THE PLANS FOR HOT-MIX ASPHALT RESURFACING ARE INTENDED TO GIVE THE COVERAGE SHOWN ON THE TYPICAL CROSS SECTIONS. IT IS NOT INTENDED TO INCREASE THE THICKNESS OF THE HOT-MIX ASPHALT MIXTURE IN ORDER TO USE ALL OF THE QUANTITIES INCLUDED IN THE CONTRACT.

G. N. -406.05b
ALL LEVELING BINDER OR BINDER SHALL BE GIVEN A FOG COAT OF PRIME BEFORE THE SURFACE COURSE IS PLACED WHEN DIRECTED BY THE ENGINEER.

THE FOG COAT WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER GALLON FOR BITUMINOUS MATERIAL (PRIME COAT) AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.

G. N. -406H

MIXTURE REQUIREMENTS

The following mixture requirements are applicable for this project:

Location(s):	US 136	US 136
Mixture Use(s):	BINDER	SURFACE
AC/PG:	PG 64-22	PG 64-22
RAP %: (Max)**	25	25
Design Air Voids:	4.0% @ Ndes=50	4.0% @ Ndes=50
Mixture Composition: (Gradation Mixture)	IL 19.0	IL 9.5
Friction Aggregate:	N/A	MIX C

G. N. -540
THE CONTRACTOR SHALL ASSEMBLE AND MATCH-MARK THE PRECAST BOX CULVERT SECTIONS AND END SECTIONS PRIOR TO SHIPMENT OF THESE COMPONENTS FROM THE MANUFACTURER, AND AS DIRECTED BY THE ENGINEER IN ORDER TO SECURE A PROPER FIT ON EACH JOINT. ANY SECTIONS OR END SECTIONS WHICH DO NOT PROVIDE A PROPER FIT AT THE JOINT SHALL BE REJECTED BY THE ENGINEER AND REPLACED BY THE CONTRACTOR WITH NO ADDITIONAL COMPENSATION BEING ALLOWED.

THIS WORK WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE PER FOOT FOR PRECAST CONCRETE BOX CULVERTS OF THE SIZE SPECIFIED.

G. N. -542
BEFORE ORDERING PIPE CULVERTS, THE CONTRACTOR SHALL CONSULT THE ENGINEER FOR THE EXACT LENGTHS.

G. N. -703A
SHORT TERM PAVEMENT MARKING SHALL BE APPLIED TO THE PAVEMENT AFTER ANY OF THE FOLLOWING: COLD MILLING AND/OR PLACING BITUMINOUS MATERIALS (PRIME COAT), LEVELING BINDER (MACHINE METHOD), BINDER AND SURFACE COURSES. SHORT TERM PAVEMENT MARKING PLACED ON THE SURFACE, SHALL COINCIDE WITH THE FINAL PAVEMENT STRIPING. SHORT TERM PAVEMENT MARKING PLACED PRIOR TO THE SURFACE SHALL COINCIDE WITH THE EXISTING PAVEMENT MARKINGS. USE 4 FEET PER 40 FEET (OR 10% PER STATION).

REVISIONS NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

GENERAL NOTES

SCALE: VERT. HORIZ.
DATE
DRAWN BY
CHECKED BY

PLOT DATE = 10/24/2006
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PLOT SCALE = 42.3529 ' / IN.
USER NAME = mullijr

CONTRACT NO. 70263

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
711	(115BR)BR	VERMILION	43	4
STA. _____	TO STA. _____			
FED. ROAD DIST. NO. _	ILLINOIS	FED. AID PROJECT		

GENERAL NOTES

G. N. -781
RAISED REFLECTIVE PAVEMENT MARKERS SHALL BE PLACED IN ACCORDANCE WITH STANDARD 781001, AND THE DETAILS SHOWN IN THE PLANS. IF THERE IS ANY DISCREPANCY BETWEEN THE STANDARD AND THE DETAILS IN THE PLANS, THE DETAILS IN THE PLANS SHALL GOVERN. THE FINAL PAVEMENT MARKINGS SHALL BE IN PLACE PRIOR TO PLACING THE RAISED REFLECTIVE PAVEMENT MARKERS AND THE RAISED REFLECTIVE PAVEMENT MARKERS SHALL BE PLACED MIDWAY IN THE 30 FOOT (9 m) SPACE BETWEEN THE DASHED CENTERLINE STRIPES (WHEN APPLICABLE).

G. N. -1004. 01
COARSE AGGREGATE GRADATION CA-10 MAY BE USED WHENEVER COARSE AGGREGATE CA-6 IS SPECIFIED IN THE STANDARD SPECIFICATIONS.

G. N. -Z0038
AN ALUMINUM TABLET OF THE TYPE SHOWN ON STANDARD 667101 SHALL BE PLACED ON THE PROPOSED STRUCTURE AS DIRECTED BY THE ENGINEER. THE BENCH MARK ELEVATION WILL BE ESTABLISHED AND MARKED BY THE DEPARTMENT. THIS WORK WILL BE PAID FOR AT THE CONTRACT UNIT PRICE EACH FOR PERMANENT BENCH MARKS.

EARTHWORK ANALYSIS

LOCATION		EARTH EXCAVATION CU YD	EXCAVATION TO BE USED AS EMBANKMENT ADJUSTED FOR SHRINKAGE CU YD	EMBANKMENT CU YD	EARTHWORK BALANCE CU YD
STA. 3+00. 00 RT	TO STA. 9+50. 00 RT	2316. 0	1737. 0	2217. 0	- 480. 0
STA. 3+75. 00 LT	TO STA. 6+00. 00 LT	1661. 0	1245. 8	1866. 0	- 620. 2
	TOTALS =	3977. 0	2982. 8	4083. 0	-1100. 2

SHRINKAGE FACTOR (SF) = 25%

EARTH EXCAVATION = 3977. 0 CU YD
FURNISHED EXCAVATION = 1100. 0 CU YD

PLOT DATE = 10/24/2006
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PLOT SCALE = 42.2529 ' / IN.
USER NAME = sullyp

REVISIONS NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

GENERAL NOTES

SCALE: VERT. HORIZ.
DATE
DRAWN BY
CHECKED BY

SUMMARY OF QUANTITIES

LOCATION OF WORK: FAP 711 (US 136)
Vermilion County

SN 092-2040

Rural
80% Federal
20% State

CONSTRUCTION TYPE CODE: X028-2A

CODE NO	ITEM	UNIT	TOTAL QUANTITY
20200100	EARTH EXCAVATION	CU YD	3,977.0
20400800	FURNISHED EXCAVATION	CU YD	1,100.0
20900110	POROUS GRANULAR BACKFILL	CU YD	2,180.0
* 25000210	SEEDING, CLASS 2A	ACRE	1.0
* 25000400	NITROGEN FERTILIZER NUTRIENT	POUND	90.0
* 25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	90.0
* 25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	90.0
* 25100115	MULCH, METHOD 2	ACRE	1.0
* 28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	100.0
28000300	TEMPORARY DITCH CHECKS	EACH	38.0
28000400	PERIMETER EROSION BARRIER	FOOT	500.0
28000500	INLET AND PIPE PROTECTION	EACH	1.0
28100107	STONE RIPRAP, CLASS A4	SQ YD	888.0
28200200	FILTER FABRIC	SQ YD	888.0
40600100	BITUMINOUS MATERIALS (PRIME COAT)	GALLON	265.0
40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTTJOINT	SQ YD	217.0
40603080	HOT-MIX ASPHALT BINDER COURSE, IL-19.0,N50	TON	200.0
40603310	HOT-MIX ASPHALT SURFACE COURSE, MIX "C",N50	TON	55.0
44000700	APPROACH SLAB REMOVAL	SQ YD	264.0
44004000	PAVED DITCH REMOVAL	FOOT	350.0
44004250	PAVED SHOULDER REMOVAL	SQ YD	86.0
48101200	AGGREGATE SHOULDERS, TYPE B	TON	12.0

* SPECIALTY ITEMS

REVISIONS NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: VERT. HORIZ.
DATE
DRAWN BY
CHECKED BY

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FILE NAME = [illegible]
PLOT SCALE = [illegible]
USER NAME = [illegible]

CONTRACT NO. 70263

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
711	11568IBB	VERMILION	43	6
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

SUMMARY OF QUANTITIES

LOCATION OF WORK: FAP 711 (US 136) Vermilion County

SN 092-2040

CONSTRUCTION TYPE CODE: Rural 80% Federal 20% State X028-2A

CODE NO	ITEM	UNIT	TOTAL QUANTITY
48101600	AGGREGATE SHOULDERS, TYPE B 8"	SQ YD	175.0
48203029	HOT-MIX ASPHALT SHOULDERS, 8"	SQ YD	117.0
48203100	HOT-MIX ASPHALT SHOULDERS	TON	5.0
50100100	REMOVAL OF EXISTING STRUCTURES	EACH	1.0
50104400	CONCRETE HEADWALL REMOVAL	EACH	1.0
51500100	NAME PLATES	EACH	1.0
54001000	BOX CULVERT END SECTIONS	EACH	2.0
54002020	EXPANSION BOLTS 3/4 INCH	EACH	132.0
54010908	PRECAST CONCRETE BOX CULVERT 9' X 8'	FOOT	505.0
54215553	METAL END SECTIONS 18"	EACH	1.0
542D1063	PIPE CULVERTS, CLASS D, TYPE 2 18"	FOOT	114.0
60240301	INLETS, TYPE B, TYPE 8 GRATE	EACH	1.0
63200310	GUARDRAIL REMOVAL	FOOT	400.0
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	4.0
67100100	MOBILIZATION	L SUM	1.0
70100460	TRAFFIC CONTROL AND PROTECTION, STANDARD 701306	L SUM	1.0
70300100	SHORT-TERM PAVEMENT MARKING	FOOT	20.0
70301000	WORK ZONE PAVEMENT MARKING REMOVAL	SQ FT	7.0
* 78001110	PAINT PAVEMENT MARKING - LINE 4"	FOOT	430.0
* 78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	3.0
* X0324952	DETOUR SIGNING	L SUM	1.0
Z0038700	PERMANENT BENCH MARKS	EACH	1.0

* SPECIALTY ITEMS

REVISIONS NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: VERT. HORIZ.

DATE

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CHECKED BY

PLOT DATE = 10/15/2006
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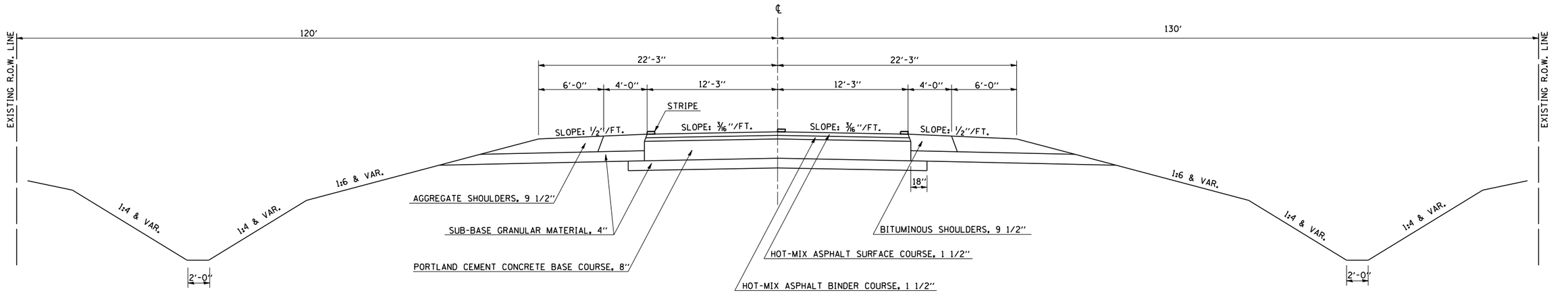
USER NAME = mwaldge

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
711	(1158B)BR	VERMILION	43	7

CONTRACT NO. 70263

EXISTING TYPICAL CROSS SECTION

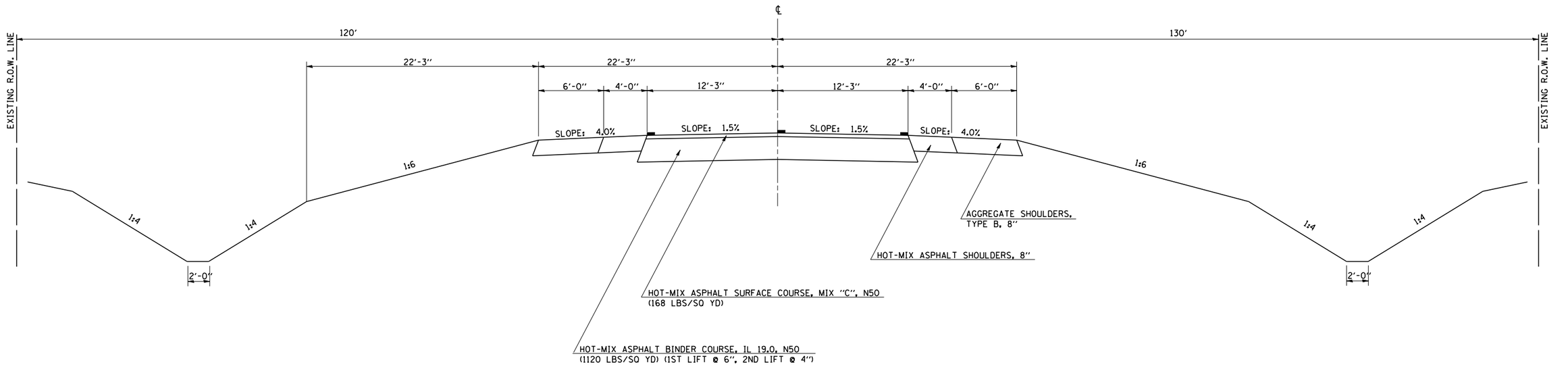
STATION 4+07.39 TO STATION 5+98.61



OMISSION STATION 4+85.79 TO STATION 5+20.21
STRUCTURE 092-0156

PROPOSED TYPICAL CROSS SECTION

STATION 4+37.39 TO STATION 5+68.61



CONTRACT NO. 70263

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
111	(115BR)BR	VERMILION	43	8
STA. _____	TO STA. _____			
FED. ROAD DIST. NO. _	ILLINOIS	FED. AID PROJECT		

SCHEDULE OF QUANTITIES

POROUS GRANULAR BACKFILL - 20900110

STATION	TO	STATION	CU YD
4+32.00		5+69.00	2180.0
		TOTAL =	2180.0 CU YD

SEEDING, CLASS 2A - 25000210

STATION	TO	STATION	ACRE
3+00.00 RT		9+40.00 RT	0.7
3+75.00 LT		6+00.00 LT	0.3
		TOTAL =	1.0 ACRE

NITROGEN FERILIZER NUTRIENT - 25000400

STATION	TO	STATION	POUND
3+00.00 RT		9+40.00 RT	27.0
3+75.00 LT		6+00.00 LT	63.0
		TOTAL =	90.0 POUND

PHOSPHORUS FERILIZER NUTRIENT - 25000500

STATION	TO	STATION	POUND
3+00.00 RT		9+40.00 RT	27.0
3+75.00 LT		6+00.00 LT	63.0
		TOTAL =	90.0 POUND

POTASSIUM FERILIZER NUTRIENT - 25000600

STATION	TO	STATION	POUND
3+00.00 RT		9+40.00 RT	27.0
3+75.00 LT		6+00.00 LT	63.0
		TOTAL =	90.0 POUND

MULCH, METHOD 2 - 25100115

STATION	TO	STATION	ACRE
3+00.00 RT		9+40.00 RT	0.7
3+75.00 LT		6+00.00 LT	0.3
		TOTAL =	1.0 ACRE

TEMPORARY EROSION CONTROL SEEDING - 28000250

STATION	TO	STATION	POUND
3+00.00 RT		9+40.00 RT	30.0
3+75.00 LT		6+00.00 LT	70.0
		TOTAL =	100.0 POUND

TEMPORARY DITCH CHECKS - 28000300

STATION	O/S	EACH
3+00.00	54.0' RT	1.0
3+17.68	59.4' RT	1.0
3+37.01	65.1' RT	1.0
3+60.17	70.9' RT	1.0
3+88.04	77.0' RT	1.0
4+33.08	83.8' RT	1.0
4+70.21	90.9' RT	1.0
4+95.28	97.7' RT	1.0
5+24.18	104.8' RT	1.0
6+06.42	107.1' RT	1.0
6+26.83	102.7' RT	1.0
6+46.47	97.6' RT	1.0
6+65.69	92.6' RT	1.0
6+84.82	87.4' RT	1.0
7+03.97	82.4' RT	1.0
7+23.21	77.8' RT	1.0
7+43.18	73.7' RT	1.0
7+71.71	68.5' RT	1.0
8+03.89	62.9' RT	1.0
8+63.54	54.2' RT	1.0
8+85.14	51.5' RT	1.0
9+32.64	47.5' RT	1.0
3+75.00	96.5' LT	1.0
3+87.03	98.9' LT	1.0
3+97.69	101.5' LT	1.0
4+82.24	100.2' LT	1.0
4+90.97	92.7' LT	1.0
4+99.60	85.2' LT	1.0
5+08.22	86.3' LT	1.0
5+16.84	87.9' LT	1.0
5+25.46	89.0' LT	1.0
5+34.08	83.3' LT	1.0
5+42.70	78.5' LT	1.0
5+51.32	74.9' LT	1.0
5+59.95	71.9' LT	1.0
5+78.51	52.1' LT	1.0
5+84.42	45.9' LT	1.0
6+00.00	42.1' LT	1.0
	TOTAL =	38.0 EACH

PERIMETER EROSION BARRIER - 28000400

STATION	TO	STATION	FOOT
3+00.00 RT		5+50.00 RT	150.0
6+00.00 RT		8+00.00 RT	200.0
3+75.00 LT		4+00.00 LT	25.0
4+75.00 LT		6+00.00 LT	125.0
		TOTAL =	500.0 FOOT

INLET & PIPE PROTECTION - 28000500

STATION	O/S	EACH
5+80.94	46.9' LT	1.0
	TOTAL =	1.0 EACH

STONE RIPRAP CLASS A4 - 28100107

STATION	TO	STATION	SQ YD
ADJACENT TO LT END SECTION			337.7
ADJACENT TO RT END SECTION			205.4
6+00 RT		9+32.64 RT	344.7
		TOTAL =	887.8
		TOTAL =	888.0 SQ YD

FILTER FABRIC - 28200200

STATION	TO	STATION	SQ YD
ADJACENT TO LT END SECTION			337.7
ADJACENT TO RT END SECTION			205.4
6+00 RT		9+32.64 RT	344.7
		TOTAL =	887.8
		TOTAL =	888.0 SQ YD

HOT-MIX ASHPALT SURFACE REMOVAL-BUTT JOINT - 40600982

STATION	TO	STATION	SQ YD
4+07.39		4+37.39	108.3
5+68.61		5+98.61	108.3
		TOTAL =	216.6
		TOTAL =	217.0 SQ YD

APPOACH SLAB REMOVAL - 44000700

STATION	TO	STATION	SQ YD
4+37.39		4+85.79	131.8
5+20.21		5+68.61	131.8
		TOTAL =	263.6
		TOTAL =	264.0 SQ YD

REVISIONS NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES

SCALE: VERT. HORIZ.

DATE

DRAWN BY

CHECKED BY

PLOT DATE = 10/24/2006
FILE NAME = c:\projects\d505702 (v8)\sxx1.dgn
PLOT SCALE = 42.2524 ' / IN.
USER NAME = stulty

CONTRACT NO. 70263

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
111	(115BR)BR	VERMILION	43	9
STA. _____	TO STA. _____			
FED. ROAD DIST. NO. _	ILLINOIS	FED. AID PROJECT		

SCHEDULE OF QUANTITIES

PAVED DITCH REMOVAL - 44004000

STATION	O/S	TO	STATION	O/S	FOOT
4+85.47	86.2' RT		9+32.7	26.2' RT	350.0

TOTAL = 350.0 FOOT

PAVED SHOULDER REMOVAL - 44004250

STATION	TO	STATION	SQ YD
4+37.39 RT		4+95.69 RT	25.9
5+30.19 RT		5+68.61 RT	17.1
4+37.39 LT		4+75.83 LT	17.1
5+10.23 LT		5+68.61 LT	26.0
	TOTAL =		86.1
	TOTAL =		86.0 SQ YD

REMOVE EXISTING STRUCTURE - 50100100

STATION	DESCRIPTION	EACH
5+03.00	SN 092-0156	1.0

TOTAL = 1.0 EACH

CONCRETE HEADWALL REMOVAL - 50104400

STATION	O/S	EACH
5+81.82	46.4' LT	1.0

TOTAL = 1.0 EACH

NAME PLATES - 51500100

STATION	DESCRIPTION	EACH
5+03.00	SN 092-2040	1.0

TOTAL = 1.0 EACH

METAL END SECTIONS 18" - 54215553

STATION	O/S	EACH
4+80.90	101.8' LT	1.0

TOTAL = 1.0 EACH

PIPE CULVERTS, CLASS D, TYPE 2 18" - 542D1063

STATION	O/S	TO	STATION	O/S	FOOT
4+80.90	101.8' LT		5+80.94	46.9' LT	114.0

TOTAL = 114.0 FOOT

INLETS, TYPE B, TYPE 8 GRATE - 60240301

STATION	O/S	EACH
5+80.94	46.9 LT	1.0

TOTAL = 1.0 EACH

GUARDRAIL REMOVAL - 63200310

STATION	TO	STATION	FOOT
4+01.50 RT		5+01.50 RT	100.0
5+37.00 RT		6+37.00 RT	100.0
3+69.00 LT		4+69.00 LT	100.0
5+04.50 LT		6+04.50 LT	100.0
	TOTAL =		400.0
	TOTAL =		400.0 SQ YD

SHORT TERM PAVEMENT MARKING - 70300100

STATION	TO	STATION	FOOT
4+07.39		5+98.61	20.0

TOTAL = 20.0 FOOT

WORK ZONE PAVEMENT MARKER REMOVAL - 70301000

STATION	TO	STATION	SQ FT
4+07.39		5+98.61	7.0

TOTAL = 7.0 SQ FT

PAINT PAVEMENT MARKING LINE - 4" - 78001110

YELLOW

STATION	TO	STATION	FOOT
4+07.39		5+98.61	382.0

WHITE

STATION	TO	STATION	FOOT
4+07.39		5+98.61	48.0
	TOTAL =		430.0 SQ FT

RAISED REFLECTIVE PAVEMENT MARKER - 78100100

STATION	TO	STATION	EACH
4+07.39		5+98.61	3.0

TOTAL = 3.0 EACH

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USER NAME = mullys

REVISIONS NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES

SCALE: VERT. HORIZ.

DRAWN BY

DATE

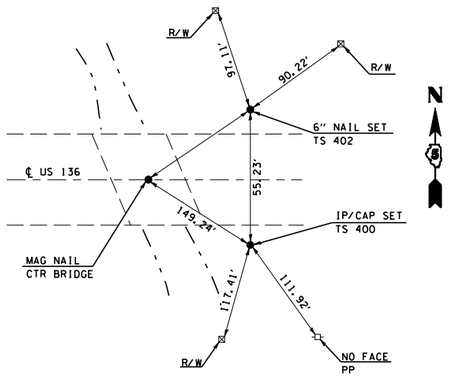
CHECKED BY

TIE POINTS

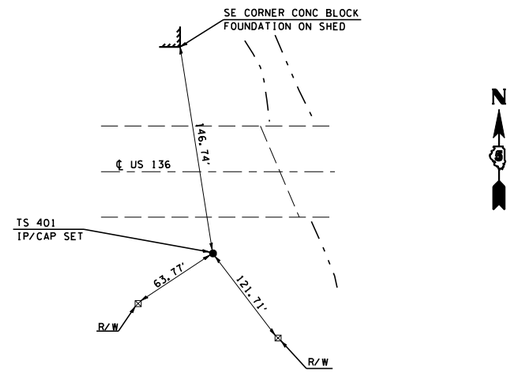
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
711	11158RIBB	VERMILION	43	10

CONTRACT 70263

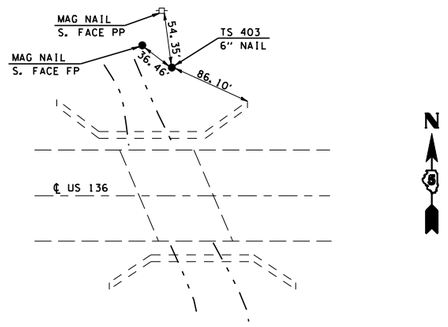
TS 402 STA 6+21.97, 24.96 LT.
TS 400 STA 6+50.57, 22.28 RT.



TS 401 STA 3+31.74, 22.20 RT.



TS 403 STA 4+47.87, 99.987' LT.



CONTRACT NO. 70263

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
711	(115BR)BR	VERMILION	43	11
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

SEC 1, T21N, R14W, 2ND PM

N

PROPOSED SN 092-2040
STA. 5+03.00
3 @ 9' x 8' PRECAST BOX CULVERT
SKEW = 35° RIGHT FORWARD
W/CAST IN PLACE END SECTIONS

EXISTING SN 092-0156
1 SPAN PPC DECK BEAMS
34'-5" BK TO BK OF ABUT

PIPE CULVERTS, CLASS D, TYPE 2, 18" x 112.0'
METAL END SECTIONS, 18" - 1 EACH
101.8' LT. STA. 4+80.90
46.9' LT. STA. 5+80.94
U.S.F.L. 674.23
D.S.F.L. 662.76

INLETS, TYPE B TYPE 8 GRATE - 1 EACH

EXISTING PIPE CULVERT, TYPE 1, 15"

PAVED DITCH REMOVAL

STONE RIPRAP CLASS A4

EXISTING ROW

℄ FAP 711 (US 136)

POT STA 52+46.39

POT STA 50+00.00

+19.97

+69.61

+69.61

+07.39

+37.39

+85.98

120'

70'

75'

130'

APPROACH SLAB REMOVAL

HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT

PAVED SHOULDER REMOVAL

BM 2003-1A: CHISELED "□" TOP NW WING @
1ST BRIDGE EAST OF ARMSTRONG ROAD
STA. 4+69.91, 24.52' LT, ELEV. 681.16

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

FAP 711 (US 136)
ROADWAY PLAN

SCALE: VERT.
HORIZ.
DATE

DRAWN BY
CHECKED BY

PLOT DATE = 10/24/2006
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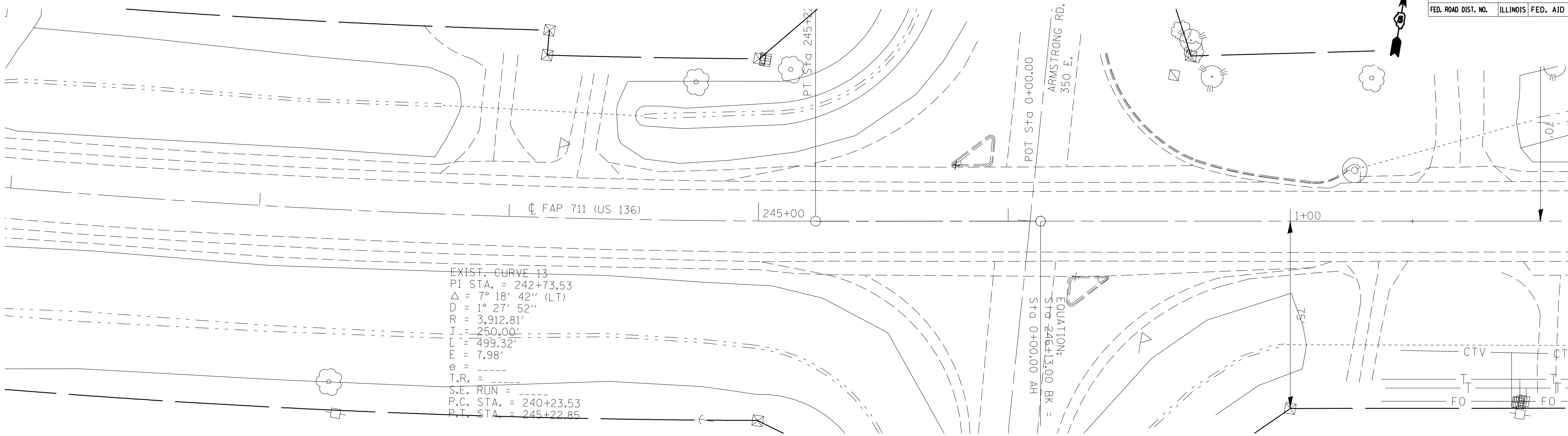
USER NAME = sullivgs

CONTRACT NO. 70263

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
711	(115BR)BR	VERMILION	43	12
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

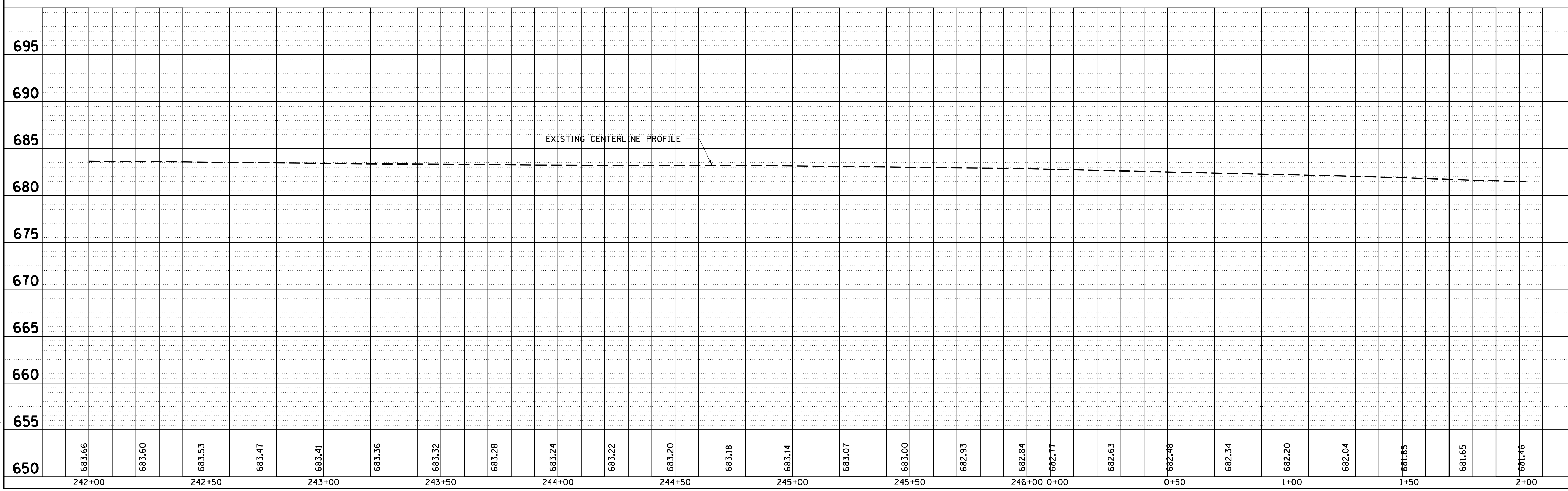
SEC 1, T21N, R14W, 2ND PM

PLAN	BY	DATE
SURVEYED		
PLOTTED		
ALIGNMENT CHECKED		
RT. OF WAY CHECKED		
CADD FILE NAME		
NOTE BOOK NO.____		



BM 2003-6: CHISELED "□" TOP HANDRAIL @ SE CORNER OF BRIDGE ON EAST SIDE ARMSTRONG ROAD 570′ NORTH OF ℄ OF US 136, ELEV. 674.19

PROFILE	BY	DATE
SURVEYED		
PLOTTED		
GRADES CHECKED		
B.M. NOTED		
STRUCTURE NOTAT'NS CH'KD		
NOTE BOOK NO.____		



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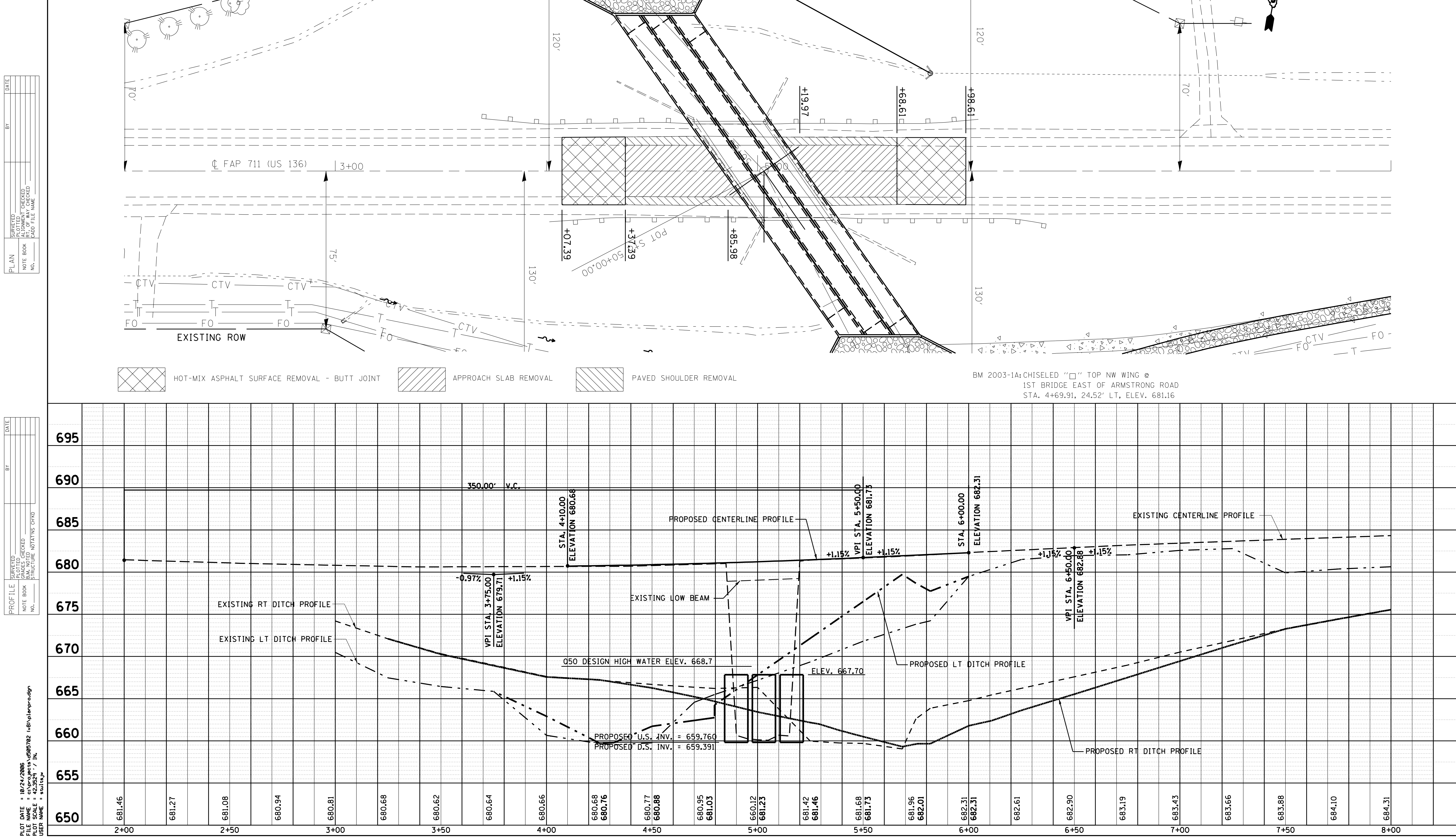
CONTRACT NO. 70263

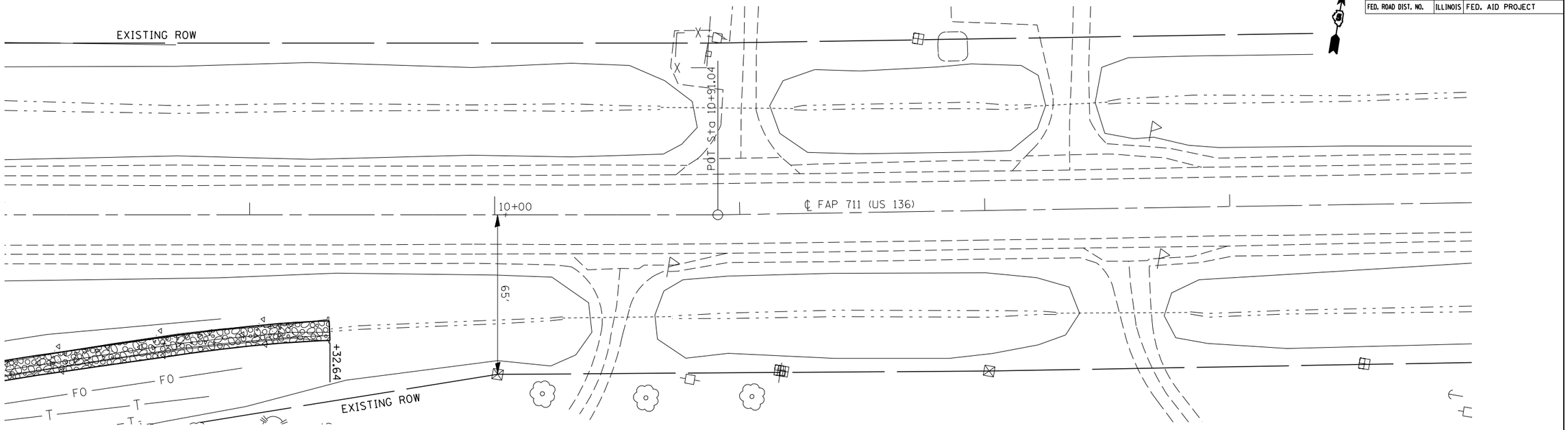
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
711	(115BR)BR	VERMILION	43	13
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



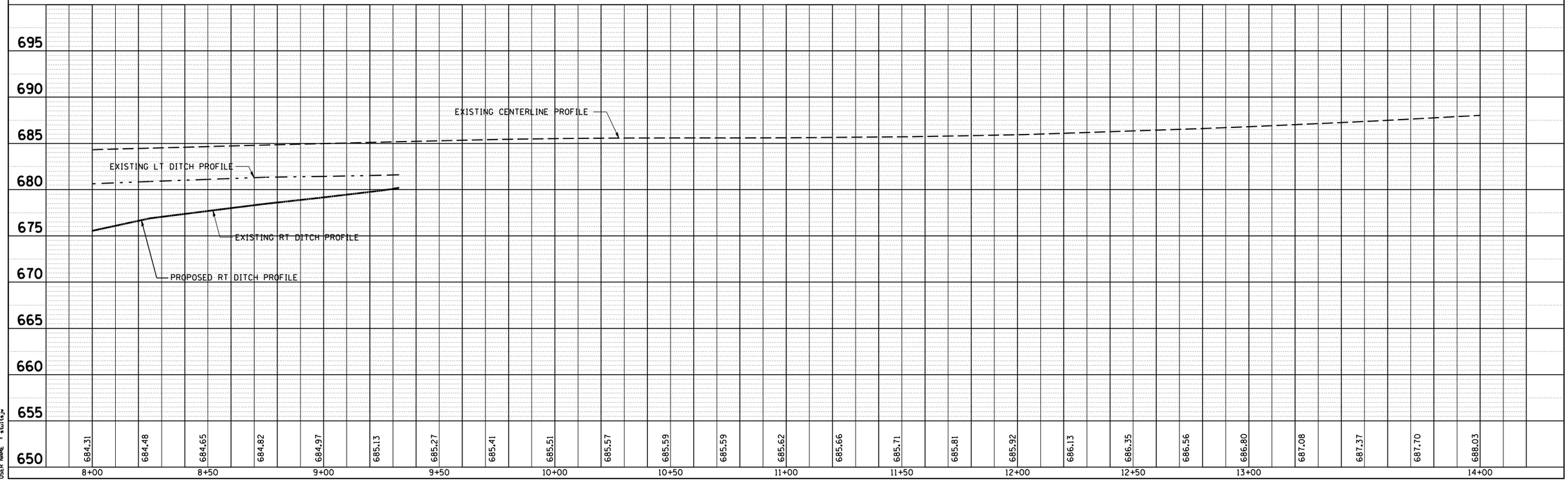
CONTRACT NO. 70263

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
711	(115BR)BR	VERMILION	43	14
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

SEC 1, T21N, R14W, 2ND PM



PLAN
SURVEYED BY
PLOTTED BY
ALIGNMENT CHECKED
GRADES CHECKED
STR. NOTES CHECKED
NOTE BOOK
NO.
DGN FILE NAME
DATE



PROFILE
SURVEYED BY
PLOTTED BY
GRADES CHECKED
STR. NOTES CHECKED
NOTE BOOK
NO.
DGN FILE NAME
DATE

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CONTRACT NO. 70263

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
711	(115BB)BB	VERMILION	43	15
STA. _____	TO STA. _____			
FED. ROAD DIST. NO. _	ILLINOIS	FED. AID PROJECT		

N

PERIMETER EROSION BARRIER

TEMPORARY DITCH CHECK

EXISTING ROW

EXISTING ROW

℄ FAP 711 (US 136)

+75.00 LT. 100'

+00.00 LT. 100'

+75.00 LT. 119.5'

+75.00 LT. 110'

+00.00 LT. 90'

+00.00 RT. 74'

+50.00 RT. 90'

+25.00 RT. 125'

+50.00 RT. 129'

+00.00 RT. 129'

+00.00 RT. 85'

120'

70'

75'

130'

70'

130'

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USER NAME = sullugs

REVISIONS NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

EROSION CONTROL PLAN

SCALE: VERT. HORIZ.

DATE

DRAWN BY

CHECKED BY

CONTRACT NO. 70263

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
711	(115BR)BR	VERMILION	43	16
STA. _____	TO STA. _____			
FED. ROAD DIST. NO. _	ILLINOIS	FED. AID PROJECT		

N

EXISTING ROW

X

X

POT Sta 10+91.04

10+00

℄ FAP 711 (US 136)

65'

+32.64

FO

FO

FO

T

T

T

EXISTING ROW

REVISIONS NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

EROSION CONTROL PLAN

SCALE: VERT.
HORIZ.

DATE

DRAWN BY

CHECKED BY

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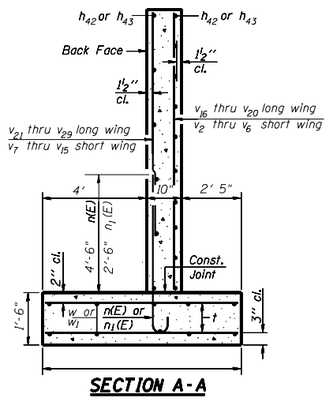
USER NAME = dustyn

CONTRACT NO. 70263

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
711	(115BR)BR	VERMILION	43	17
STA. _____	TO STA. _____			
FED. ROAD DIST. NO. _	ILLINOIS	FED. AID PROJECT		

DETAIL OF BOX CULVERT END SECTION



SECTION A-A

SHOWING REINFORCENT

SHOWING OUTLINES

PLAN

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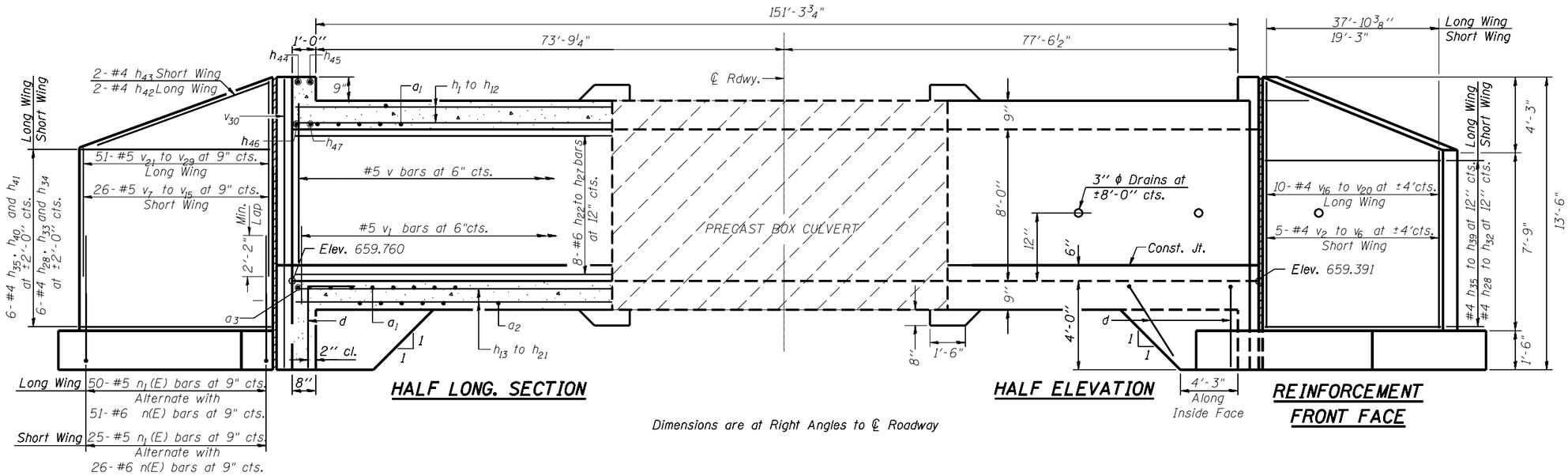
SHEET 1 OF 3

CONTRACT NO. 70263

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
711	(115BR)BR	VERMILION	43	18
STA. _____	TO STA. _____			
FED. ROAD DIST. NO. _	ILLINOIS	FED. AID PROJECT		

DETAIL OF BOX CULVERT END SECTION



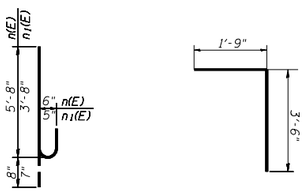
HALF LONG. SECTION

HALF ELEVATION

REINFORCEMENT FRONT FACE

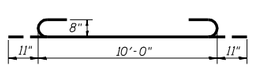
Dimensions are at Right Angles to ℄ Roadway

REINFORCEMENT BACK FACE

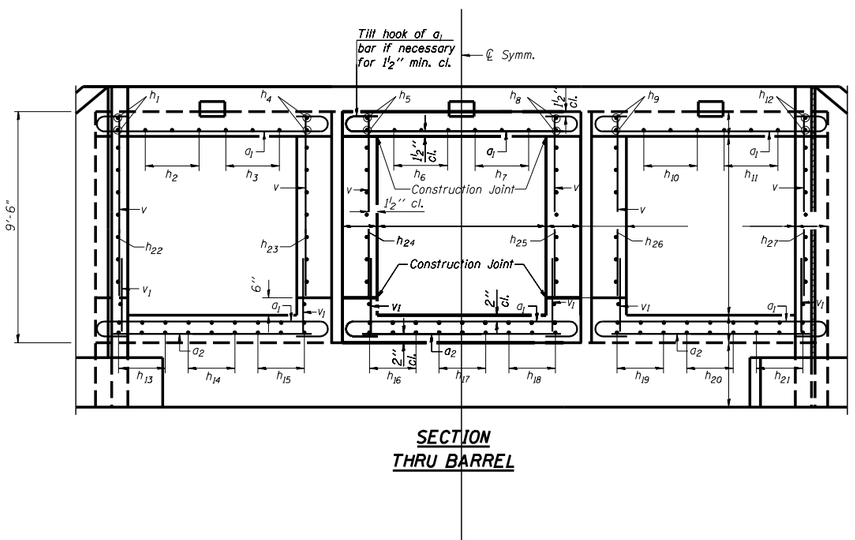


BARS n(E) and n_1(E)

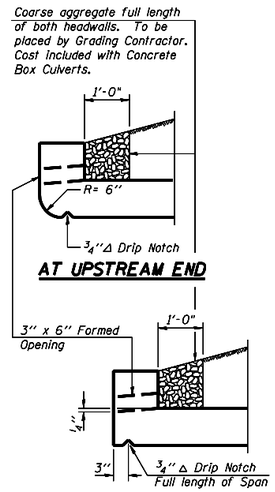
BAR d



BAR a_1



SECTION THRU BARREL



AT UPSTREAM END

AT DOWNSTREAM END

DRAIN DETAIL

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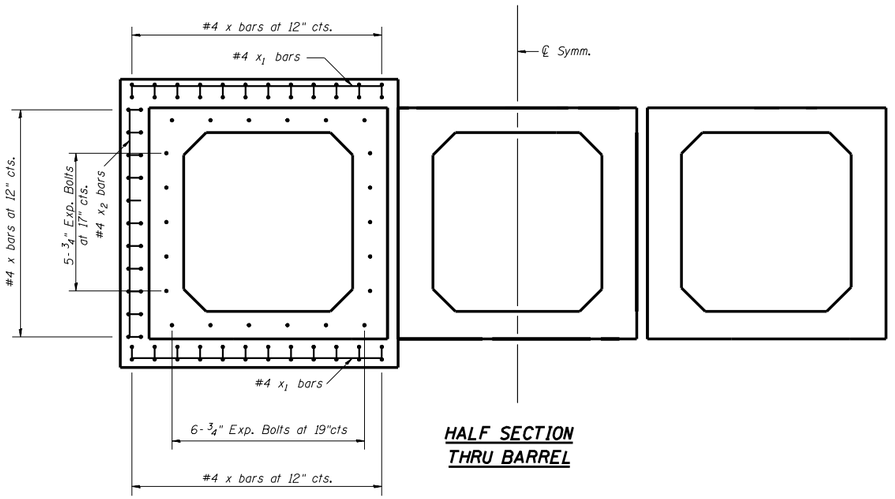
USER NAME = stulp

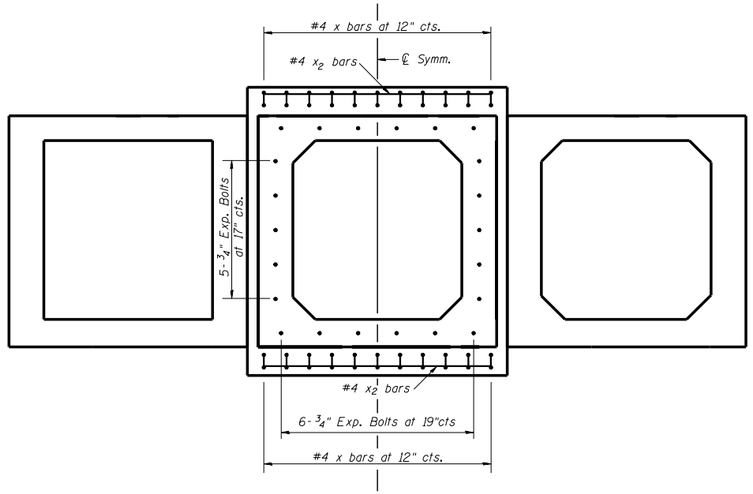
CONTRACT NO. 70263

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
711	(115BR)BR	VERMILION	43	19
STA. _____	TO STA. _____			
FED. ROAD DIST. NO. _	ILLINOIS	FED. AID PROJECT		

DETAIL OF BOX CULVERT END SECTION



HALF SECTION THRU BARREL



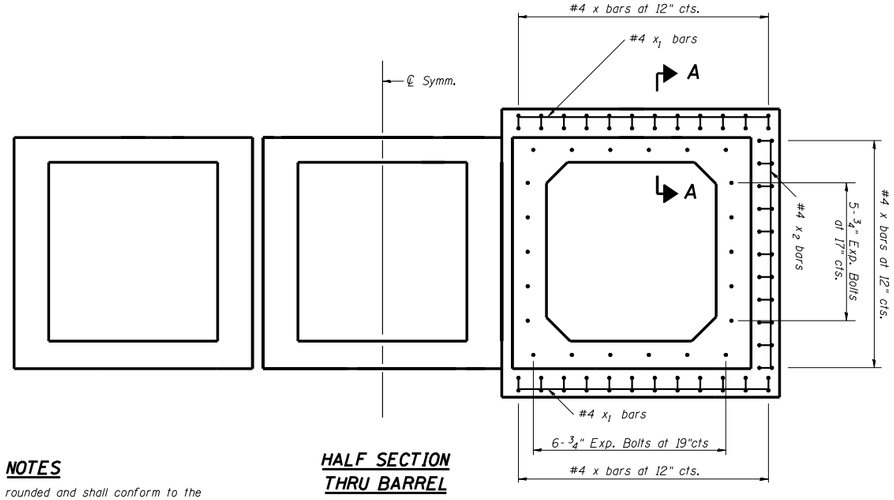
HALF SECTION THRU BARREL

BILL OF MATERIAL

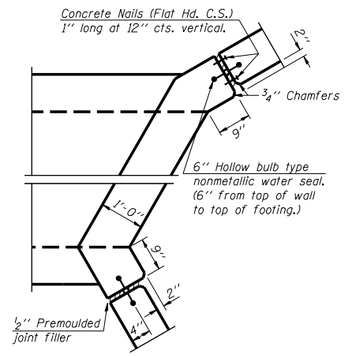
PER END SECTION

Bar	No.	Size	Length	Shape	Bar	No.	Size	Length	Shape
a_1	102	#8	11'-10"		h_1	2	#7	9'-11⅝"	
a_2	15	#4	9'-3"		h_2	3	#7	11'-0¾"	
a_3	1	#4	38'-10½"		h_3	3	#7	13'-8¼"	
					h_4	2	#7	16'-3¾"	
d	55	#4	5'-3"		h_5	2	#7	2'-6"	
					h_6	3	#7	3'-7⅛"	
v	112	#5	8'-1"		h_7	3	#7	6'-2⅝"	
v_1	112	#5	2'-4"		h_8	2	#7	8'-10⅛"	
v_2	1	#5	7'-10¼"		h_9	2	#7	5'-0¼"	
v_3	1	#5	8'-7¾"		h_{10}	3	#7	6'-1⅜"	
v_4	1	#5	9'-7½"		h_{11}	3	#7	8'-9"	
v_5	1	#5	10'-6"		h_{12}	2	#7	11'-4½"	
v_6	1	#5	11'-4⅝"		h_{13}	6	#5	10'-2¾"	
v_7	3	#5	5'-5⅛"		h_{14}	6	#5	12'-6"	
v_8	3	#5	5'-10"		h_{15}	6	#5	14'-9⅜"	
v_9	3	#5	6'-4"		h_{16}	6	#5	2'-9"	
v_{10}	3	#5	6'-10"		h_{17}	6	#5	5'-0⅜"	
v_{11}	3	#5	7'-4"		h_{18}	6	#5	7'-3⅜"	
v_{12}	3	#5	7'-9⅞"		h_{19}	6	#5	5'-3⅜"	
v_{13}	3	#5	8'-3⅞"		h_{20}	6	#5	7'-6⅝"	
v_{14}	3	#5	8'-9⅞"		h_{21}	6	#5	9'-10"	
v_{15}	2	#5	9'-3¾"		h_{22}	8	#6	10'-2⅞"	
v_{16}	2	#5	7'-6¼"		h_{23}	8	#6	16'-11¾"	
v_{17}	2	#5	8'-5½"		h_{24}	8	#6	2'-8¼"	
v_{18}	2	#5	9'-4¼"		h_{25}	8	#6	9'-6⅛"	
v_{19}	2	#5	10'-3"		h_{26}	8	#6	5'-2½"	
v_{20}	2	#5	11'-1⅞"		h_{27}	8	#6	10'-9¾"	
v_{21}	6	#5	5'-3⅝"		h_{28}	12	#4	19'-0"	
v_{22}	6	#5	5'-9¾"		h_{29}	1	#4	16'-1¼"	
v_{23}	6	#5	6'-3⅞"		h_{30}	1	#4	11'-6⅞"	
v_{24}	6	#5	6'-9⅞"		h_{31}	1	#4	7'-0½"	
v_{25}	6	#5	7'-3⅞"		h_{32}	1	#4	2'-6⅛"	
v_{26}	6	#5	7'-10"		h_{33}	1	#4	12'-9⅝"	
v_{27}	6	#5	8'-4"		h_{34}	1	#4	3'-9"	
v_{28}	6	#5	8'-10⅛"		h_{35}	12	#4	37'-7¼"	
v_{29}	3	#5	9'-4⅛"		h_{36}	1	#4	31'-9½"	
v_{30}	4	#5	13'-1½"		h_{37}	1	#4	22'-10⅝"	
					h_{38}	1	#4	13'-11¾"	
x	92	#4	5'-3⅝"		h_{39}	1	#4	5'-0⅞"	
x_1	12	#4	10'-11"		h_{40}	1	#4	25'-3⅝"	
x_2	12	#4	10'-3"		h_{41}	1	#4	7'-5¾"	
					h_{42}	2	#4	37'-10"	
w	10	#5	37'-7⅜"		h_{43}	2	#4	19'-5⅜"	
w_1	10	#5	19'-0"		h_{44}	1	#6	38'-10⅜"	
					h_{45}	1	#6	39'-9⅞"	
t	172	#4	7'-0"		h_{46}	1	#9	38'-10⅜"	
					h_{47}	1	#9	39'-9⅞"	
n(E)	77	#6	6'-4"						
n_1(E)	75	#5	4'-3"						

Concrete Box Culverts	78.1	Cu. Yd.
Reinforcement Bars, Epoxy Coated	1065.0	Pound
Reinforcement Bars	10108.0	Pound



HALF SECTION THRU BARREL



CORNER DETAIL

NOTES

All bars should be rounded and shall conform to the requirements of Art. 1006.10 of Standard Specs.

Reinforcement bars designated (E) shall be epoxy coated.

Concrete and Rebar quantities and lengths calculated for the cast-in-place End Sections will vary based on the precast box culverts supplied.

All construction joints shall be bonded.

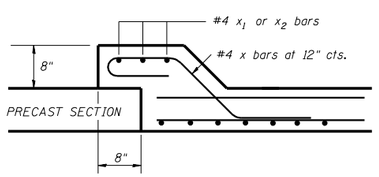
Class SI Concrete shall be used throughout.

All dimensions are in FEET (')-INCHES (") unless otherwise noted.

Drain holes shall be provided in accordance with Art. 503.12.

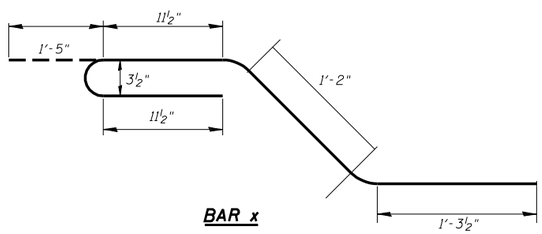
Drawings not to scale.

End Sections will be paid for at the contract unit price each for BOX CULVERT END SECTION, as outlined in Art. 540.08, which prices shall include all concrete, rebar, and all other items necessary to complete the proposed work.



SECTION A-A

ITEM	UNIT	QUANTITY
Box Culvert End Section	EACH	1.0
Expansion Bolts, ¾"	EACH	66.0



BAR x

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USER NAME = susiq

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
711	115BRIBR	VERMILION	43	20

CONTRACT 70263

SOIL BORING LOG

IRM NO. 3 D. 137 REV. 9-60 Sh. 1 of 2 Sh.

BRIDGE FOUNDATION BORING LOG

PROJECT
ROUTE SBI 119 (US 136)
SEC. 115 BR
COUNTY VERMILION
Boring No. 1
Station 4+89
Offset 38' RT.

BRIDGE SBI-119 OVER MIDDLE FORK VERMILION RIVER
STA. 5+03
Date 5-31-66
Bored By BAKER
Checked By CWK

Surface Water El. —
Groundwater El. at Completion / After 24 Hours WASH BORING / 662.2

Elevation	Description	N	Qu t/s.f.	w (%)
662.7	Ground Surface			
	STIFF BLACK CLAY & SILTY CLAY MIX			
660.2				
	Proposed Flowline → VERY STIFF & HARD GRAY & BROWN CLAY LOAM TILL	12	4.1B	11
		12	2.3B	11
655.2				
	MEDIUM COARSE TO FINE GRAY BROWN SAND & SAND LOAM WITH WATER	24	—	—
652.7				
	VERY STIFF COARSE BROWN GRAY SANDY CLAY LOAM TILL	14	2.5E	—
650.7				
	LOOSE BROWN GRAY SAND LOAM WITH FREE WATER	8	—	—
647.7				
	MEDIUM DENSE GRAY SILT LOAM WITH SAND LOAM LENSES	14	1.3S	16
645.7				
	MEDIUM TO DENSE FINE GRAY BROWN SAND WITH FREE WATER	28	—	—
641.2		57	—	—
	HARD GRAY SANDY CLAY LOAM TILL			

Elevation	Description	N	Qu t/s.f.	
	HARD GRAY SANDY CLAY LOAM TILL	90	10.0+	
638.2				
	DENSE FINE TO COARSE SAND WITH WATER	60	—	
636.2				
	HARD SANDY CLAY LOAM TILL	38	6.8S	1
633.7				
	LIMIT OF BORING			

Standard Penetration Test – # per foot to drive 2" O.D. Split Spoon Sampler 12" with 140# hammer falling 30".
Qu – Unconfined Compressive Strength – t/s.f.
w – Water Content – percentage
Type failure: B – Bulge Failure, S – Shear Failure

33

IRM NO. 3 D. 137 REV. 9-60 Sh. 2 of 2 Sh.

BRIDGE FOUNDATION BORING LOG

PROJECT
ROUTE SBI-119 (US 136)
SEC. 115 BR
COUNTY VERMILION
Boring No. 2
Station 5+36
Offset 19' LT.

BRIDGE SBI-119 OVER MIDDLE FORK VERMILION RIVER
STA. 5+03
Date 6-1-66
Bored By BAKER
Checked By CWK

Surface Water El. —
Groundwater El. at Completion / After 0 Hours WASH BORING / 660.8

Elevation	Description	N	Qu t/s.f.	w (%)
672.8	Ground Surface			
	BROWN MOTTLED CLAY TO CLAY LOAM FILL			
662.8				
	MEDIUM BLACK SILTY CLAY LOAM			
	Proposed Flowline ↓ 659.3	7	0.7B	33
	HARD BROWN GRAY SANDY CLAY LOAM TILL	34	5.0E	11
656.8				
	MEDIUM BROWN GRAY SAND WITH LENSE SANDY CLAY LOAM TILL	28	—	—
653.8				
	HARD GRAY BROWN SANDY CLAY LOAM TILL	25	4.0E	

Elevation	Description	N	Qu t/s.f.	
		9	1.3S	1
	STIFF GRAY BROWN SANDY CLAY LOAM TILL	11	1.6S	1
		17	1.6S	1
641.3		13	1.6S	1
	VERY LOOSE GRAY BROWN SAND WITH FREE WATER	0	—	—
639.3				
	VERY DENSE GRAY COARSE SAND WITH LENSE OF GRAY SANDY CLAY LOAM TILL	60	—	—
636.3				
	HARD GRAY SANDY CLAY LOAM TILL	69	E 8.0+	8
632.3		61	8.0+E	8
	LIMIT OF BORING			

Standard Penetration Test – # per foot to drive 2" O.D. Split Spoon Sampler 12" with 140# hammer falling 30".
Qu – Unconfined Compressive Strength – t/s.f.
w – Water Content – percentage
Type failure: B – Bulge Failure, S – Shear Failure

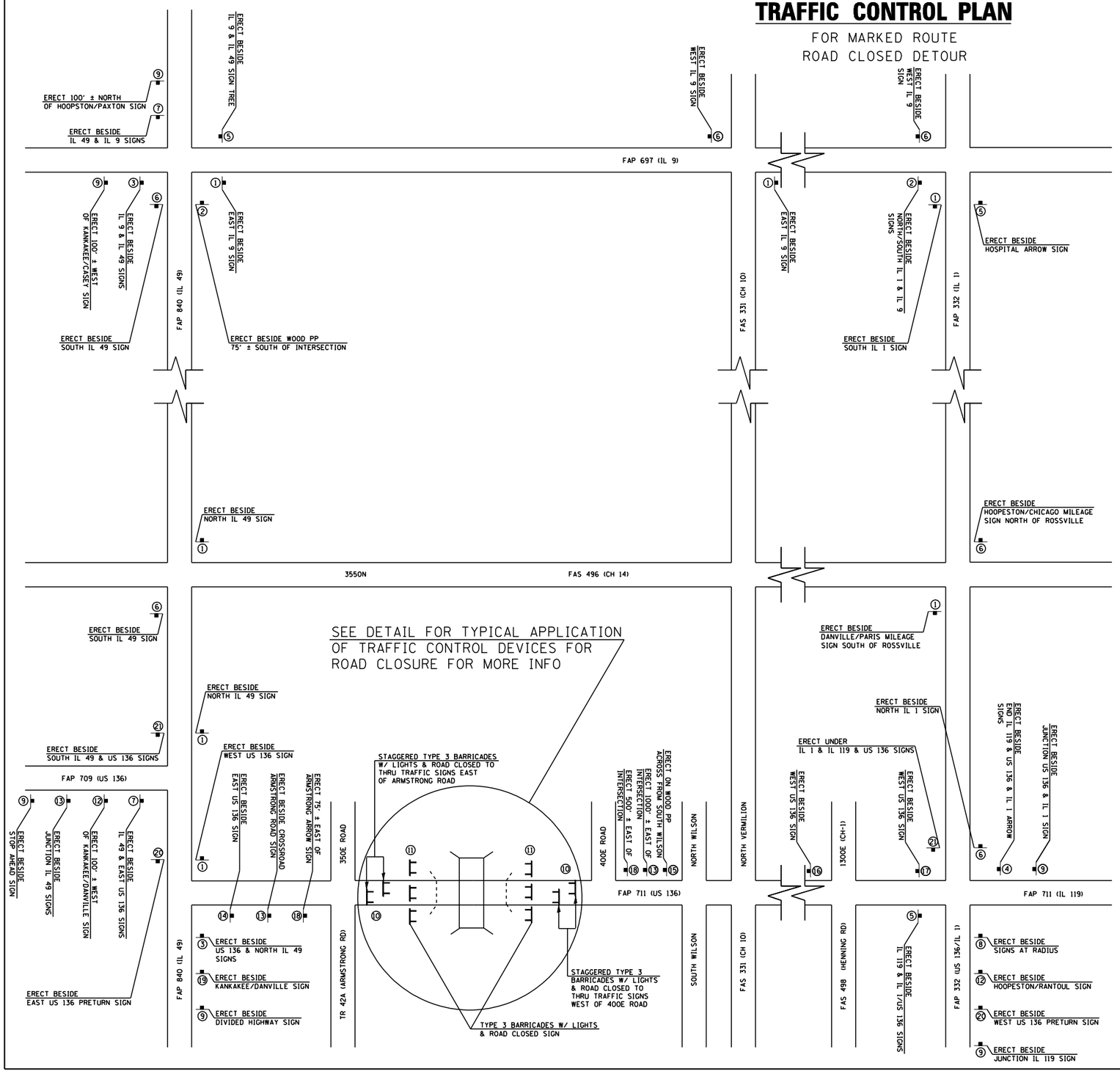
33

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
711	(115BR)BR	VERMILION	43	21

CONTRACT 70263

TRAFFIC CONTROL PLAN

FOR MARKED ROUTE
ROAD CLOSED DETOUR



①	DETOUR EAST / U.S. 136	M4-8 24"X 12" (O) M3-3 24"X 12" (W) M1-4 30"X 24" (W)
②	DETOUR EAST / U.S. 136	M4-8 24"X 12" (O) M3-3 24"X 12" (W) M1-4 30"X 24" (W) M6-1 21"X 15" (W)
③	DETOUR EAST / U.S. 136	M4-8 24"X 12" (O) M3-3 24"X 12" (W) M1-4 30"X 24" (W) M6-3 21"X 15" (W)
④	DETOUR WEST / U.S. 136	M4-8 24"X 12" (O) M3-1 24"X 12" (W) M1-4 30"X 24" (W) M6-1 21"X 15" (W)
⑤	DETOUR WEST / U.S. 136	M4-8 24"X 12" (O) M3-1 24"X 12" (W) M1-4 30"X 24" (W) M6-2 21"X 15" (W)
⑥	DETOUR WEST / U.S. 136	M4-8 24"X 12" (O) M3-1 24"X 12" (W) M1-4 30"X 24" (W)
⑦	DETOUR EAST / U.S. 136	M4-8 24"X 12" (O) M3-2 24"X 12" (W) M1-4 30"X 24" (W) M6-2 21"X 15" (W)
⑧	DETOUR WEST / U.S. 136	M4-8 24"X 12" (O) M3-4 24"X 12" (W) M1-4 30"X 24" (W) M6-3 21"X 15" (W)
⑨	U.S. 136 CLOSED, EAST OF ARMSTRONG	CUSTOM SIGN 4" LTRS 48"X36" (O)
⑩	ROAD CLOSED TO THRU TRAFFIC	R11-4 60"X30" (W)
⑪	ROAD CLOSED	R11-2 60"X30" (W)
⑫	DETOUR AHEAD	W20-2 48"X48" (O)
⑬	ROAD CLOSED AHEAD	W20-3 48"X48" (O)
⑭	ROAD CLOSED AHEAD 1 MILES	W20-3 48"X48" (O) 4" LTRS 24"X12" (O)
⑮	ROAD CLOSED AHEAD 4 MILES	W20-3 48"X48" (O) 4" LTRS 24"X12" (O)
⑯	ROAD CLOSED AHEAD 9 MILES	W20-3 48"X48" (O) 4" LTRS 24"X12" (O)
⑰	ROAD CLOSED AHEAD 11 MILES	W20-3 48"X48" (O) 4" LTRS 24"X12" (O)
⑱	BARRICADE AHEAD	W21-1100 48"X48" (O)
⑲	ROAD CLOSED AHEAD	W20-3 48"X48" (O)
		M5-1R 21"X 15" (O)
⑳	ROAD CLOSED AHEAD	W20-3 48"X48" (O)
		M5-1R 21"X 15" (O)
㉑	END DETOUR	4" LTRS 24"X12" (O)

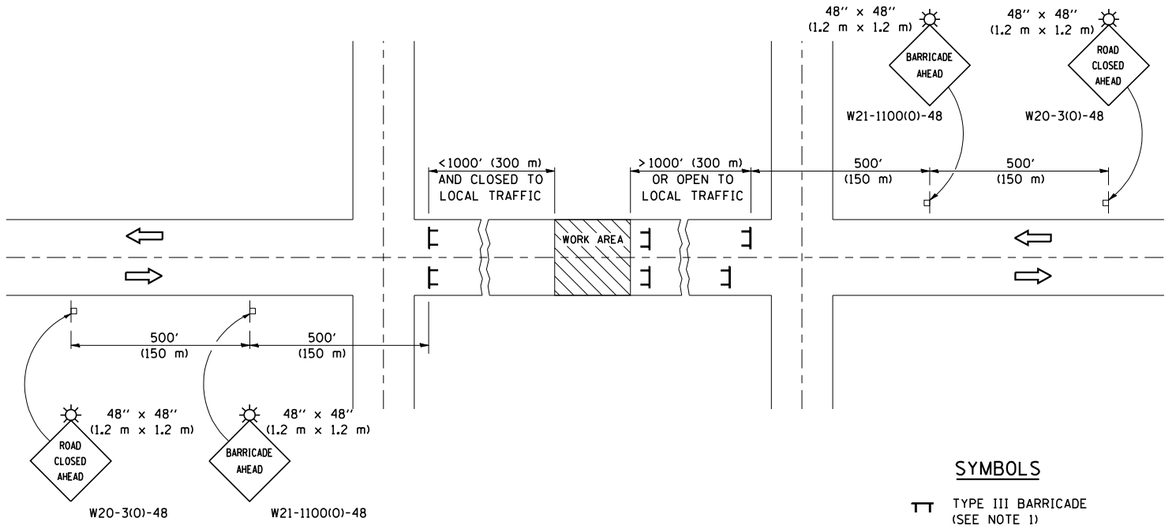
NOTE: THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL SIGNS REQUIRED FOR THIS DETOUR EXCEPT AS NOTED BELOW. SEE DETOUR SIGNING SPECIAL PROVISION.

THE STATE SHALL PROVIDE ROUTE MARKER SHIELDS.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
111	(115BB)BB	VERMILION	43	22

CONTRACT 70263

TYPICAL APPLICATION OF TRAFFIC CONTROL DEVICES FOR ROAD CLOSURE



SYMBOLS

- TYPE III BARRICADE (SEE NOTE 1)
- FLASHING AMBER LIGHT (TYPE A)

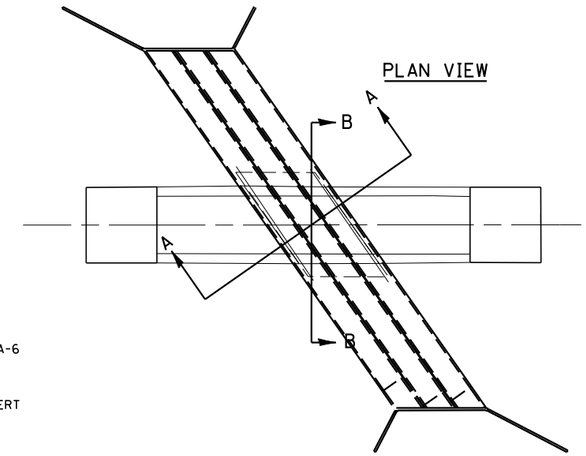
GENERAL NOTES

1. TYPE III BARRICADES SHALL BE AS SHOWN ON STANDARD 702001 "TYPICAL APPLICATIONS OF TYPE III BARRICADES CLOSING A ROAD". EACH TYPE III BARRICADE SHALL HAVE TWO FLASHING AMBER LIGHTS MOUNTED ABOVE IT.
2. IF THE ROAD IS OPEN TO LOCAL TRAFFIC OR EXCEEDS 1000' (300 m), ANOTHER SET OF TYPE III BARRICADES, EQUIPPED AS IN NOTE 1 ABOVE, SHALL BE PLACED AT EACH END OF THE WORK AREA.
3. WHEN A STOP CONDITION EXISTS, NO SIGNS ARE REQUIRED IN ADVANCE OF THE "STOP" SIGN WHEN THE ROAD IS CLOSED WITHIN 100' (30 m) OF THE INTERSECTION.
4. STANDARD 702001 SHALL APPLY FOR THE PLACEMENT & DESIGN OF TYPE III BARRICADES.
5. IF A TYPE III BARRICADE WITH AN ATTACHED SIGN PANEL WHICH MEETS NCHRP 350 IS NOT AVAILABLE, THE SIGNS MAY BE MOUNTED ON AN NCHRP 350 TEMPORARY SIGN SUPPORT DIRECTLY IN FRONT OF THE BARRICADE.
6. REFLECTORIZED STRIPING SHALL APPEAR ON BOTH SIDES OF THE TY III BARRICADES IF ROAD IS OPEN TO LOCAL TRAFFIC.
7. ALL SIGNS SHALL BE POST MOUNTED IF THE CLOSURE TIME EXCEEDS FOUR DAYS.
8. A MINIMUM OF TWO FLASHING LIGHTS SHALL BE USED AT NIGHT ON EACH APPROACH IN ADVANCE OF THE WORK AREA. FLASHING LIGHTS SHALL BE INSTALLED ABOVE THE FIRST TWO SIGNS IN THE SERIES.
9. LONGITUDINAL DIMENSIONS MAY BE ADJUSTED SLIGHTLY TO FIT FIELD CONDITIONS.
10. FORMS BT. 725 AND BT. 726 ARE REQUIRED.
11. WHEN A SIDEROAD INTERSECTS THE HIGHWAY ON WHICH WORK IS BEING PERFORMED, ADDITIONAL TRAFFIC DEVICES SHALL BE ERECTED AND PROVIDED AS DIRECTED BY THE ENGINEER.
12. AN ADDITIONAL SIGN MAY BE REQUIRED AT A MAJOR INTERSECTING ROAD IN ADVANCE OF THE CLOSURE. THE ADDITIONAL SIGN SHALL GIVE THE DISTANCE TO THE BARRICADE IN MILES OR FRACTIONS OF A MILE.

	NAME	DATE	REVISIONS	
DESIGNED	J.H.M.	8-11-87	NAME	DATE
CHECKED	P.E.K.	8-25-87	R.M.H.	12/97
CADD NO.	F-5.03		C.P./K.A.G.	01/05

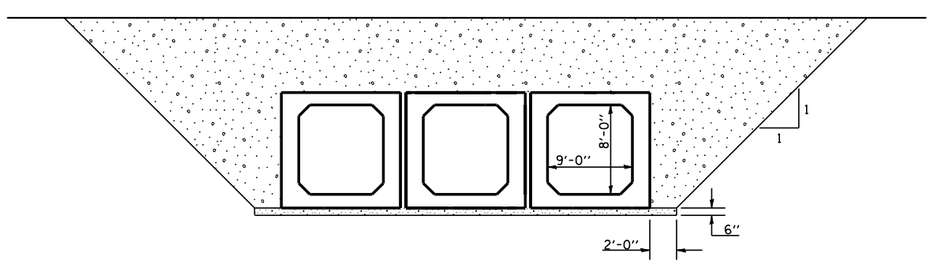
ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN.

DETAIL OF POROUS GRANULAR BACKFILL PAY LIMTS

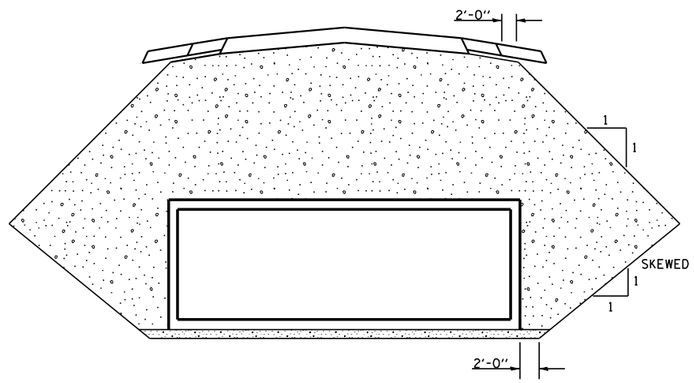


PAY LIMITS OF POROUS GRANULAR BACKFILL - CA-6

CA-7 (6") INCLUDED IN PAY ITEM FOR BOX CULVERT



SEC A-A

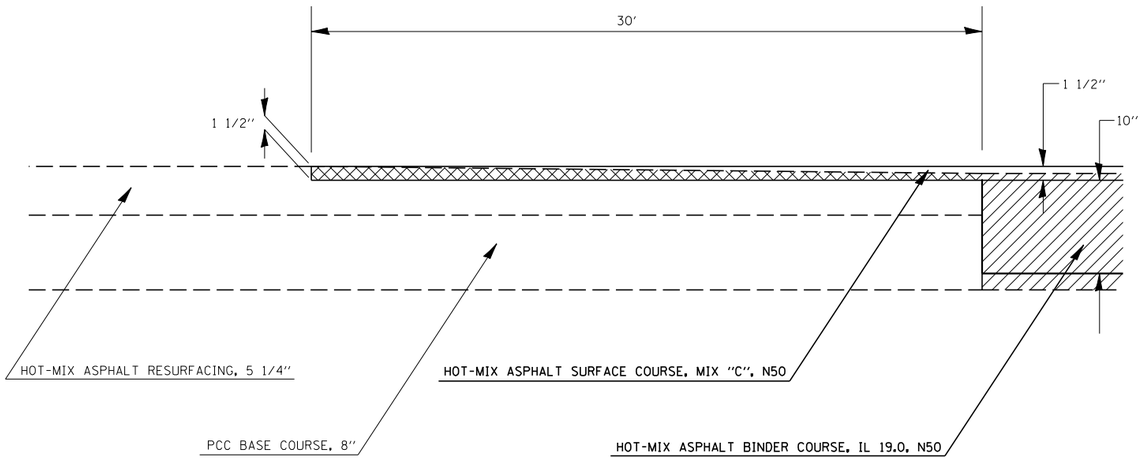


SEC B-B

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
711	(115BR)BR	VERMILION	43	23

CONTRACT 70263

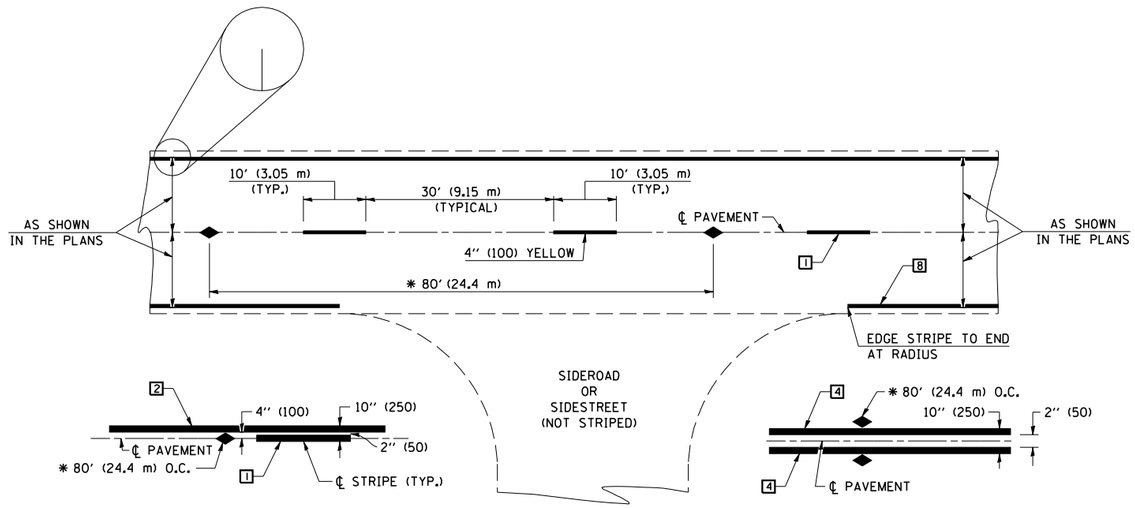
DETAIL OF BUTT-JOINT



F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
711	(115BB)BB	VERMILION	43	24

CONTRACT 70263

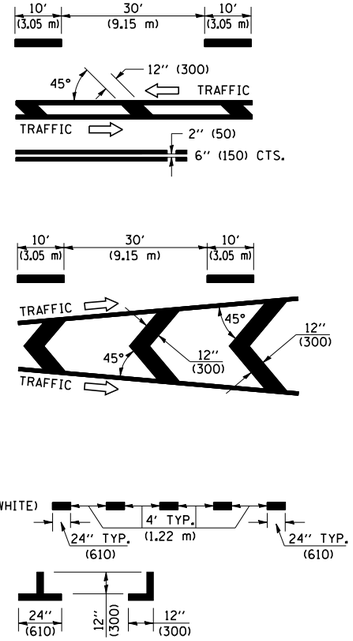
TYPICAL APPLICATIONS OF PAVEMENT MARKINGS AND MARKERS



* REDUCE TO 40' (12.2 m) O.C. ON CURVES WITH POSTED OR ADVISORY SPEEDS OF 45 mph (70 km/h) OR LESS.

TYPICAL PAVEMENT MARKING LEGEND

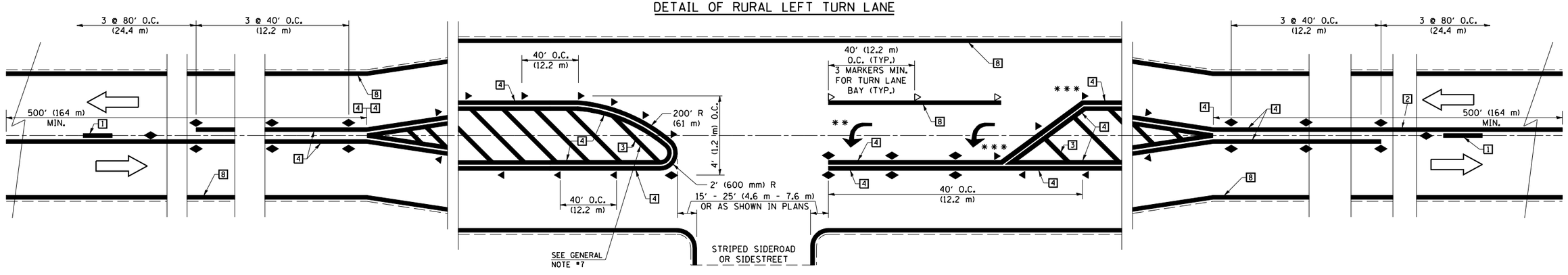
1. 4" (100) SKIP-DASH (YELLOW)
2. 4" (100) SOLID (YELLOW)
3. 12" (300) DIAGONAL (YELLOW)
4. 4" (100) DOUBLE YELLOW (NARROW)
5. RESERVED
6. RESERVED
7. 4" (100) SKIP-DASH (WHITE)
8. 4" (100) SOLID (WHITE)
9. 12" (300) DIAGONAL (WHITE)
10. 6" (150) CROSS WALK (WHITE)
11. 24" (600) STOP BAR (WHITE)
12. 8" (200) SOLID (WHITE)
13. 4" (100) LANE LINE EXTENSIONS (WHITE)
14. 4" (100) PARKING WHITE



TYPICAL PAVEMENT MARKERS LEGEND

- TWO-WAY AMBER MARKER
- ONE-WAY AMBER MARKER
- ONE-WAY CRYSTAL MARKER

DETAIL OF RURAL LEFT TURN LANE



*** REDUCE SPACING IF NECESSARY TO ASSURE MARKERS AT CORNER POINTS.

** TURN ARROWS SHALL BE PLACED AS SHOWN ON SHEET *2.

SHEET 1 OF 4

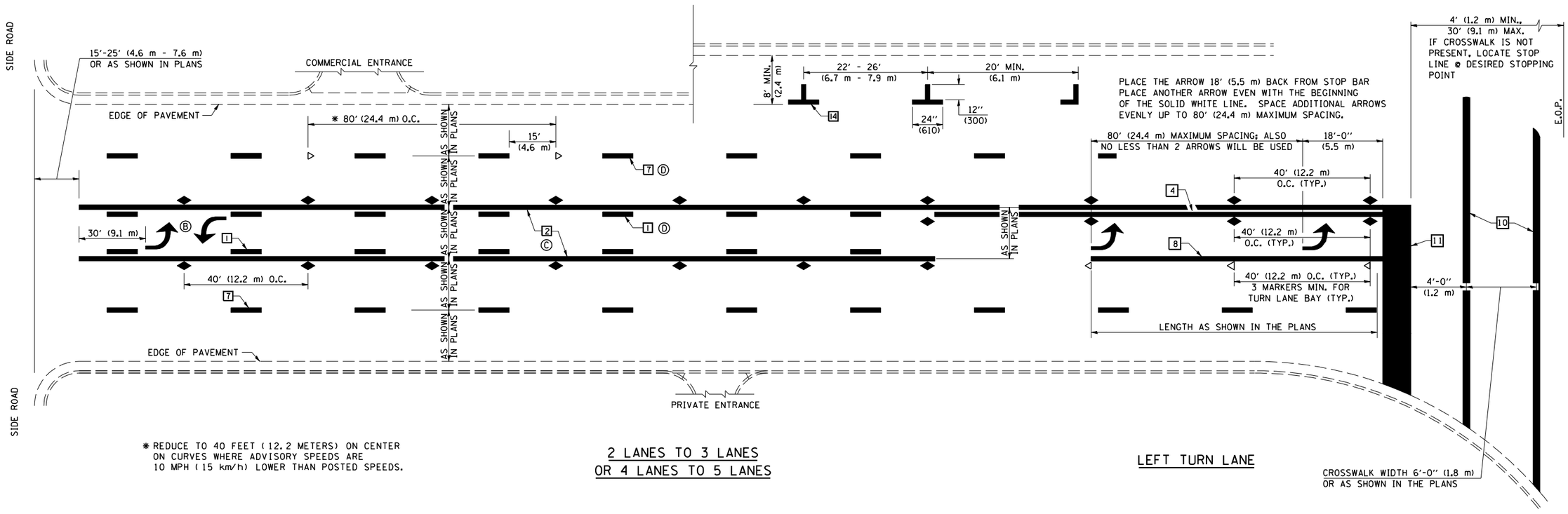
	NAME	DATE	REVISIONS	
DESIGNED	J.M.H.	5/85 6/88	NAME	DATE
CHECKED	FMS CTD	6/85 6/88	GEOMETRICS/K.A.G.	07/02
CADD NO.	F-5.25		K.A.G.	09/05

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
111	115BRIBB	VERMILION	43	25

CONTRACT 70263

TYPICAL APPLICATIONS OF PAVEMENT MARKINGS AND MARKERS



* REDUCE TO 40 FEET (12.2 METERS) ON CENTER ON CURVES WHERE ADVISORY SPEEDS ARE 10 MPH (15 km/h) LOWER THAN POSTED SPEEDS.

2 LANES TO 3 LANES
OR 4 LANES TO 5 LANES

LEFT TURN LANE

SHEET 2 OF 4

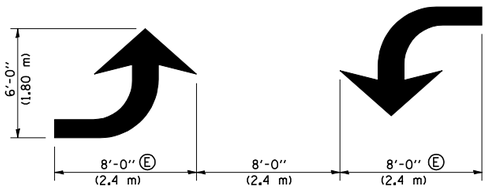
	NAME	DATE	REVISIONS	
DESIGNED	J.M.H.	5/85 6/88	NAME	DATE
CHECKED	FMS CTD	6/85 6/88	GEOMETRICS/K.A.G.	07/02
CADD NO.	F-5.25		K.A.G.	09/05

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

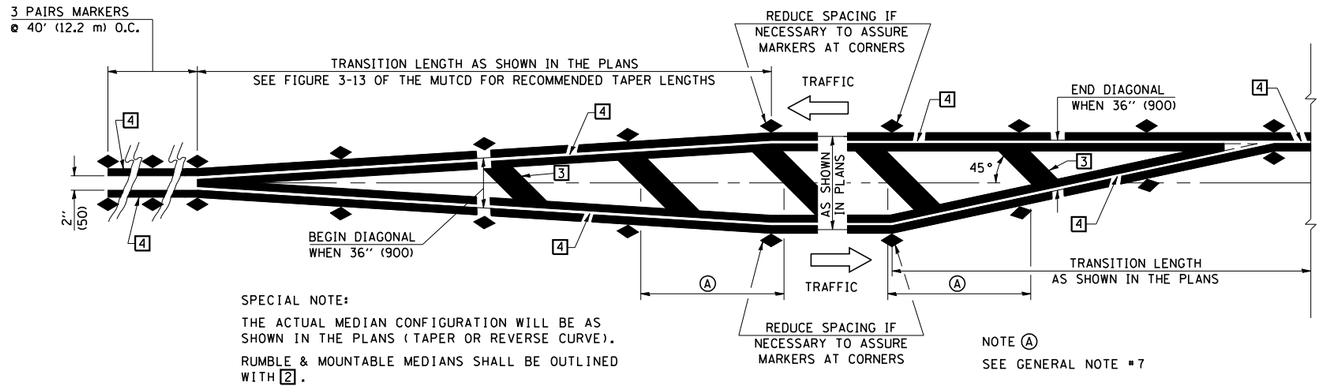
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
111	(115BB)BB	VERMILION	43	26

CONTRACT 70263

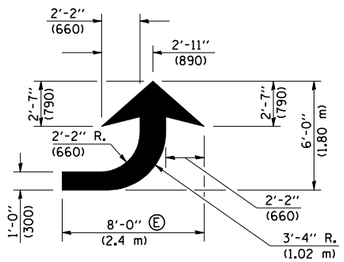
TYPICAL APPLICATIONS OF PAVEMENT MARKINGS AND MARKERS



TYPICAL DOUBLE TURN ARROWS (WHITE)

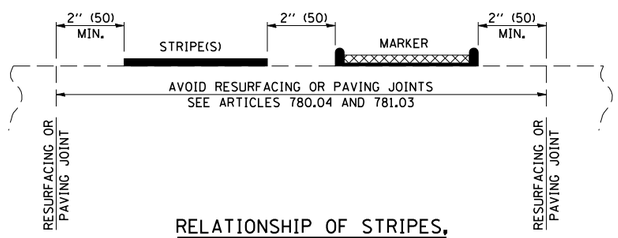


TYPICAL MEDIAN TRANSITIONS

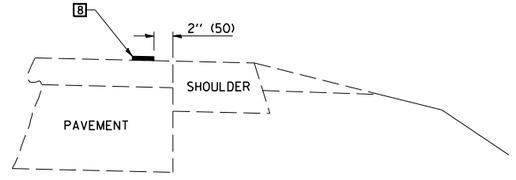


LEFT ARROW

REVERSE FOR RIGHT ARROW
AREA = 15.6 SQ. FT. (1.47 m^2)
(WHITE)



RELATIONSHIP OF STRIPES, MARKERS AND JOINTS



RELATIONSHIP OF EDGE STRIPE TO SAFETY SHOULDER OR PAVED SURFACE

SPECIAL NOTES:

Ⓑ TURN ARROW PAIRS SHALL BE PLACED AT 250' (75 m) INTERVALS AND SHALL BE EVENLY SPACED BETWEEN BOTH ENDS OF THE BIDIRECTIONAL LEFT TURN LANE.

Ⓒ THE SOLID YELLOW PAVEMENT MARKINGS 2 SHOULD GENERALLY START OR END NEAR THE RADIUS POINT OF EACH STREET RETURN EXCEPT WHERE ONE OR BOTH ENDS WOULD INCLUDE STOP BARS.

Ⓓ THE SKIP-DASH PAVEMENT MARKINGS 1 OR 7 SHOULD BE CENTERED BETWEEN BOTH ENDS OF EACH CITY BLOCK AND SHALL BE PLACED SO THEY LINE UP ACROSS FROM EACH OTHER. SEE EXAMPLE ON SHEET 2 OF 3.

Ⓔ TURN ARROW SIZE DEPENDS ON THE LOCATION.
RURAL LOCATION - LARGE ARROW SIZE
URBAN LOCATION - SMALL ARROW SIZE

GENERAL NOTES

1. WHEN MEDIANS ARE PRESENT, PAVEMENT MARKINGS ARE TO BE PLACED ADJACENT TO MEDIANS.
2. SCALE: NONE
3. SOME OF THE INFORMATION INCLUDED WITH THIS DETAIL MAY NOT BE APPLICABLE TO THIS IMPROVEMENT.
4. PAVEMENT MARKINGS ARE TO BE EXTENDED THROUGH OMISSIONS WHEN APPLICABLE.
5. A STRIPING KEY IS AVAILABLE ELSEWHERE AND SHALL BE SHOWN WHERE THE QUANTITIES ARE LISTED.
6. FINAL PAVEMENT MARKINGS SHALL BE IN PLACE PRIOR TO PLACING ANY RAISED REFLECTIVE PAVEMENT MARKERS.
7. THE FOLLOWING CRITERIA SHALL BE USED FOR SELECTING THE DIAGONAL PAVEMENT MARKING SPACING.
   < 30 MPH USE 15' (< 50 km/h USE 4.5 m)
   30-45 MPH USE 20' (50-75 km/h USE 6.0 m)
   >45 MPH USE 30' (>75 km/h USE 9.0 m)

SHEET 3 OF 4

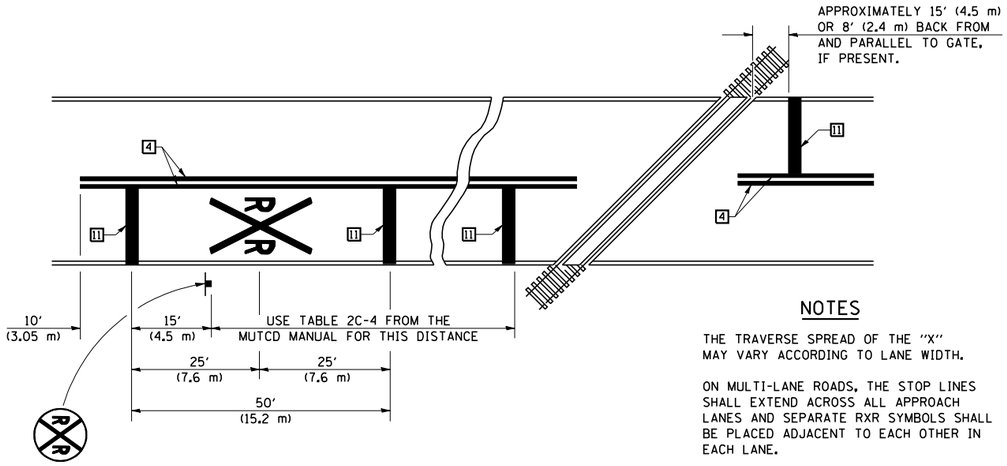
	NAME	DATE	REVISIONS	
DESIGNED	J.M.H.	5/85 6/88	NAME	DATE
CHECKED	FMS CTD	6/85 6/88	GEOMETRICS/K.A.G.	07/02
CADD NO.	F-5.25		K.A.G.	09/05

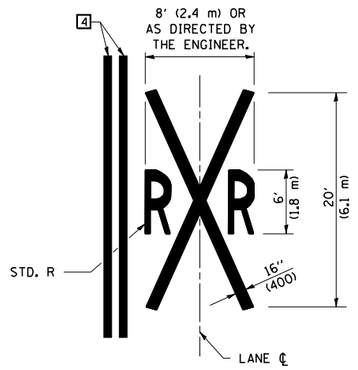
ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
711	(115BB)BB	VERMILION	43	27

CONTRACT 70263

TYPICAL APPLICATIONS OF PAVEMENT MARKINGS AND MARKERS





NOTES

THE TRAVERSE SPREAD OF THE "X" MAY VARY ACCORDING TO LANE WIDTH.

ON MULTI-LANE ROADS, THE STOP LINES SHALL EXTEND ACROSS ALL APPROACH LANES AND SEPARATE RXR SYMBOLS SHALL BE PLACED ADJACENT TO EACH OTHER IN EACH LANE.

WHEN THE PAVEMENT MARKING SYMBOL IS USED, A PORTION OF THE SYMBOL SHOULD BE LOCATED DIRECTLY ADJACENT TO THE ADVANCE WARNING SIGN (W10-1) AS PLACED BY TABLE II-1, CONDITION B OF THE MUTCD.

PAVEMENT MARKINGS AT RAILROAD-HIGHWAY GRADE CROSSING

SHEET 4 OF 4

	NAME	DATE	REVISIONS	
DESIGNED	J.M.H.	5/85 6/88	NAME	DATE
CHECKED	FMS CTD	6/85 6/88	GEOMETRICS/K.A.G.	07/02
CADD NO.	F-5.25		K.A.G.	09/05

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

CONTRACT NO. 70263

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
710	115BR(BR)	VERMILION	43	28
STA. 3+00.00	TO STA. 3+50.00			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

160 150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150 160

680 675 670 665 660

EXIST ROW

680.62

4.0%

1:6

1:4

670.26

EXIST ROW

C = 0.0 F = 0.0

C = 1.0 F = 59.1

3+50.00

680.68

4.0%

1:6

1:4

672.09

EXIST ROW

EXIST ROW

C = 0.0 F = 0.0

C = 0.5 F = 20.2

3+25.00

680.81

EXIST ROW

EXIST ROW

C = 0.0 F = 0.0

C = 0.0 F = 0.0

3+00.00

FINAL SURVEY	NOTE BOOK	NO.	BY	DATE
SURVEYED				
PLOTTED				
TRIANGULATE				
AREAS				
AREAS CHECKED				

ORIGINAL SURVEY	NOTE BOOK	NO.	BY	DATE
SURVEYED				
PLOTTED				
TRIANGULATE				
AREAS				
AREAS CHECKED				

PLOT DATE = 10/24/2006
FILE NAME = c:\projects\d505702 \d01\us-136-mainline.dgn
PLOT SCALE = 21.1765 ' / IN.
USER NAME = stultsjw

US 136 MAINLINE

CONTRACT NO. 70263

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
710	115BR(BR)	VERMILION	43	29
STA. 3+75.00	TO STA. 3+97.69			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

FINAL SURVEY	BY	DATE
NOTE BOOK	SURVEYED	
	PLOTTED	
	TYPING DATE	
NO.	AREAS	
	AREAS CHECKED	

ORIGINAL SURVEY	BY	DATE
	SURVEYED	
	PLOTTED	
	TYPING DATE	
NO.	AREAS	
	AREAS CHECKED	

160 150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150 160

680 675 670 665 660 655

EXIST ROW

680.66

4.0%

1:6

1:4

C = 43.3
F = 0.0

C = 1.4
F = 66.5

664.03

1:4

667.69

EXIST ROW

3+97.69

680.64

4.0%

1:6

C = 0.0
F = 0.0

C = 2.7
F = 96.1

1:4

668.91

EXIST ROW

3+75.00

680 675 670 665 660

160 150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150 160

PLOT DATE = 10/24/2006
FILE NAME = c:\projects\d5005702 (x8)\us-136-mainline\sheets\
PLOT SCALE = 21.1765 ' / IN.
USER NAME = stults_w

US 136 MAINLINE

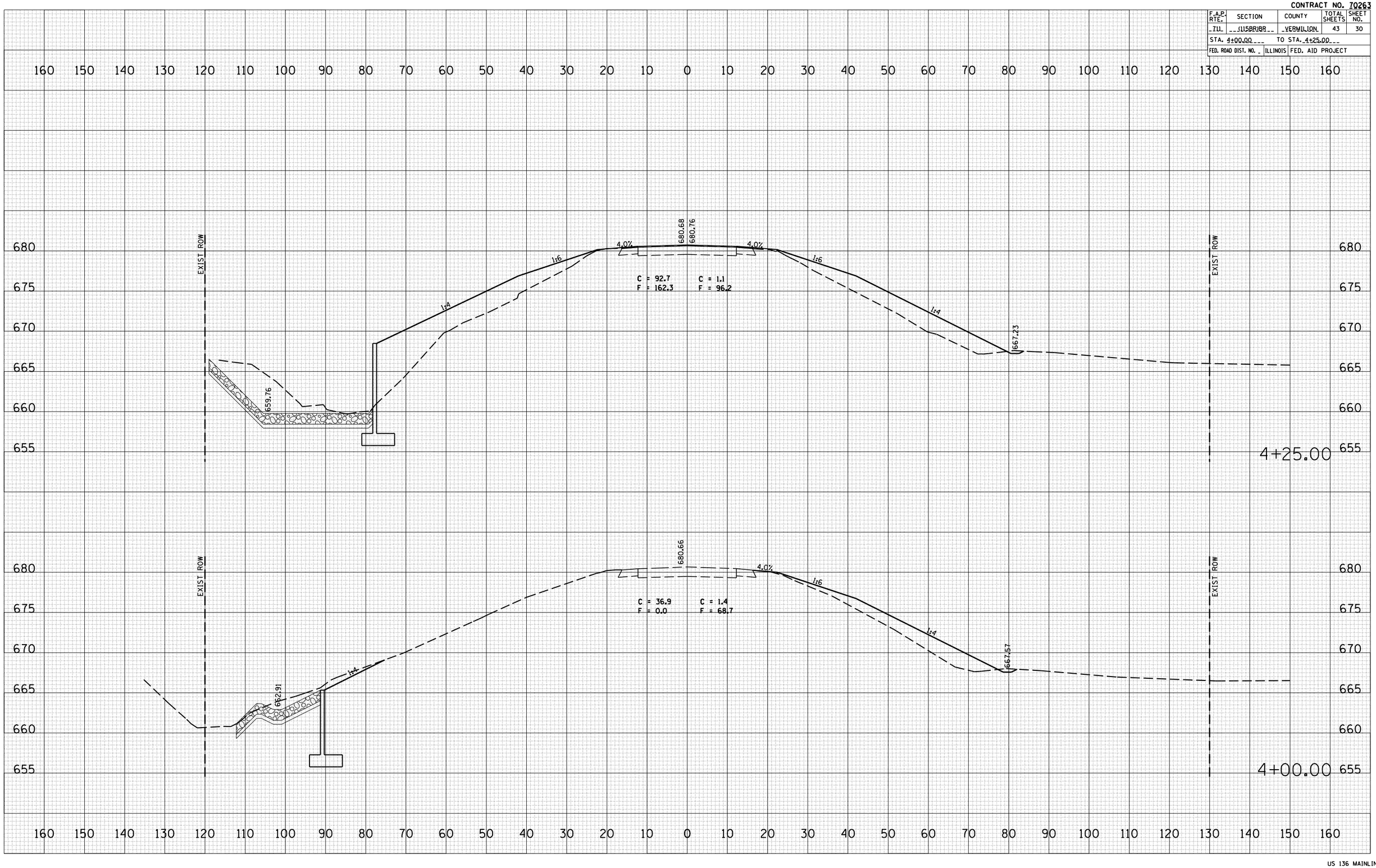
CONTRACT NO. 70263

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
IL	115BR(BR)	VERMILION	43	30
STA. 4+00.00	TO STA. 4+25.00			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

FINAL SURVEY — NOTE BOOK — NO. — BY — DATE
SURVEYED
PLOTTED
TRACED
AREAS
AREAS CHECKED

ORIGINAL SURVEY — NOTE BOOK — NO. — BY — DATE
SURVEYED
PLOTTED
TRACED
AREAS
AREAS CHECKED

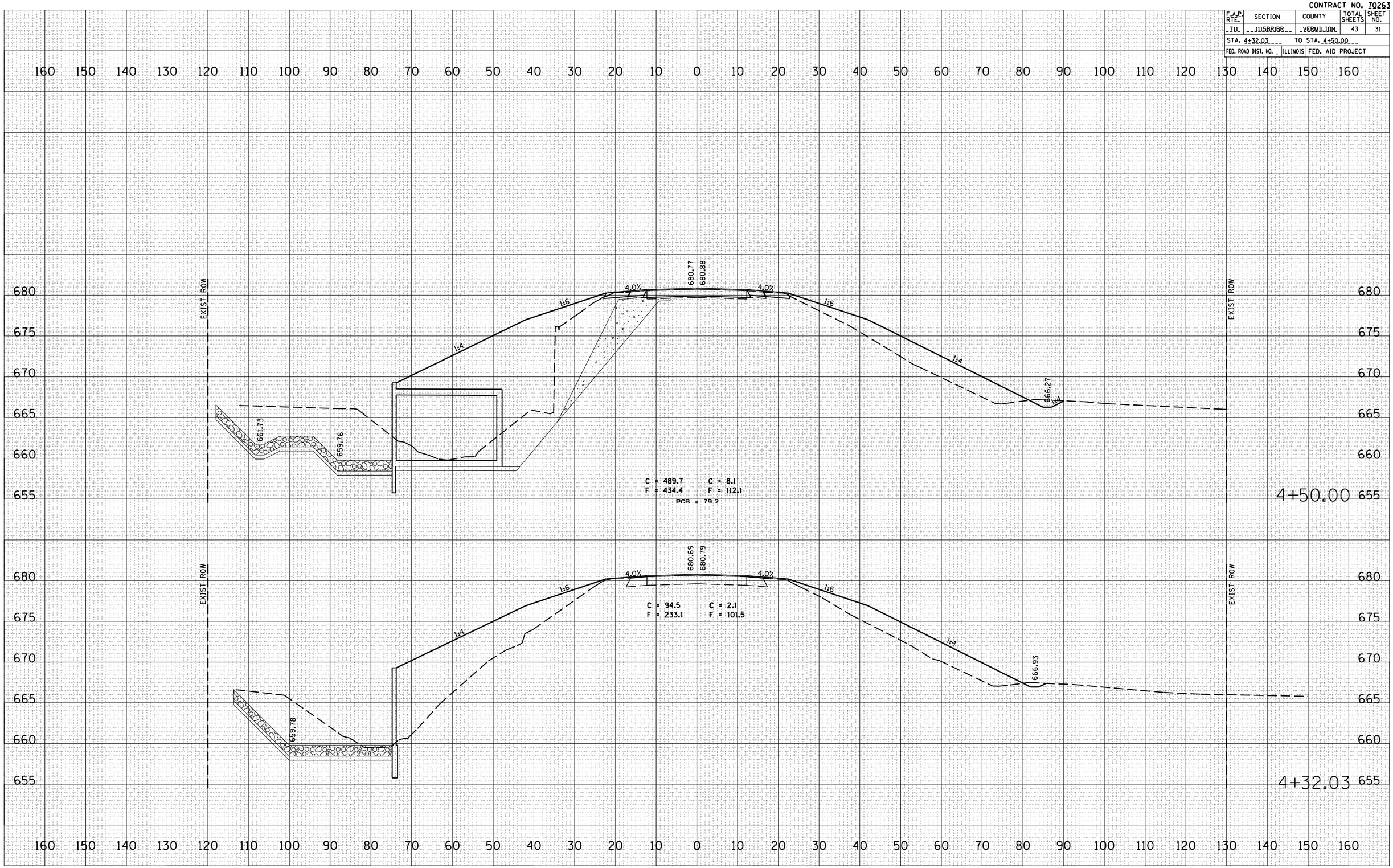
PLOT DATE = 10/24/2006
FILE NAME = c:\projects\d505782 (v8)\us-136-sht-bridge.dgn
PLOT SCALE = 21.1765 ' / IN.
USER NAME = stuitsjw



US 136 MAINLINE

CONTRACT NO. 70263

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
710	115BR(BR)	VERMILION	43	31
STA. 4+32.03	TO STA. 4+50.00			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



FINAL SURVEY	NO.	NOTE BOOK	BY	DATE
SURVEYED				
PLOTTED				
TYPICAL SECTION				
AREAS				
AREAS CHECKED				

ORIGINAL SURVEY	NO.	NOTE BOOK	BY	DATE
SURVEYED				
PLOTTED				
TYPICAL SECTION				
AREAS				
AREAS CHECKED				

PLOT DATE = 10/24/2006
FILE NAME = c:\projects\d505702 i-80\us-136-mainline\typ sections
PLOT SCALE = 21.1765 ' / IN.
USER NAME = stultsjw

CONTRACT NO. 70263

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
711	115BR(BR	VERMILION	43	32
STA. 4+69.96		TO STA. 4+75.00		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

FINAL SURVEY
NOTE BOOK
NO.
BY
DATE
SURVEYED
PLOTTED
HANDLE
AREAS
AREAS CHECKED

ORIGINAL SURVEY
NOTE BOOK
NO.
BY
DATE
SURVEYED
PLOTTED
HANDLE
AREAS
AREAS CHECKED

160 150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150 160

680
675
670
665
660
655

EXIST ROW

662.59

1:4

1:6

4.0%

680.95

681.03

4.0%

1:6

1:4

664.96

1:4

EXIST ROW

C = 723.7 C = 228.8
F = 426.6 F = 159.9
PGB = 588.5

4+75.00

EXIST ROW

662.41

1:4

1:6

4.0%

680.91

681.00

4.0%

1:6

1:4

665.161

1:4

EXIST ROW

C = 787.3 C = 148.8
F = 326.5 F = 150.2
PGB = 535.3

4+69.96

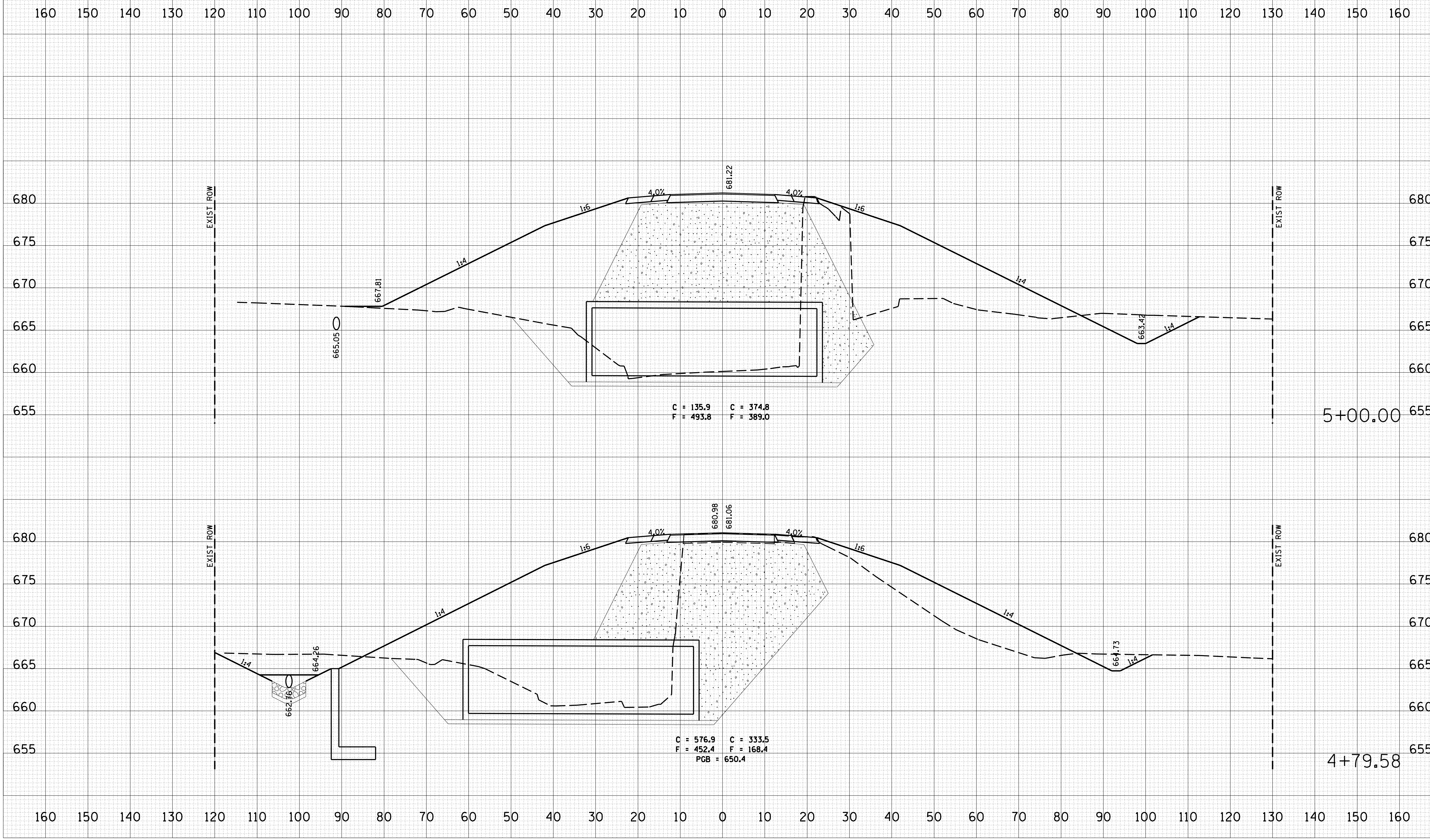
PLOT DATE = 10/24/2006
FILE NAME = c:\projects\d505702 \d01\us-136-mainline\sheets\
PLOT SCALE = 21.1765 ' / IN.
USER NAME = stultsjw

CONTRACT NO. 70263

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
711	(115BR)BR	VERMILION	43	33

STA. 4+79.58 TO STA. 5+00.00

FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT



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

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

PLOT DATE = 10/24/2006
FILE NAME = c:\projects\d505702 (v8)\us-136xs-sheets.dgn
PLOT SCALE = 21.1765 ' / IN.
USER NAME = stultsjw

US 136 MAINLINE

CONTRACT NO. 70263

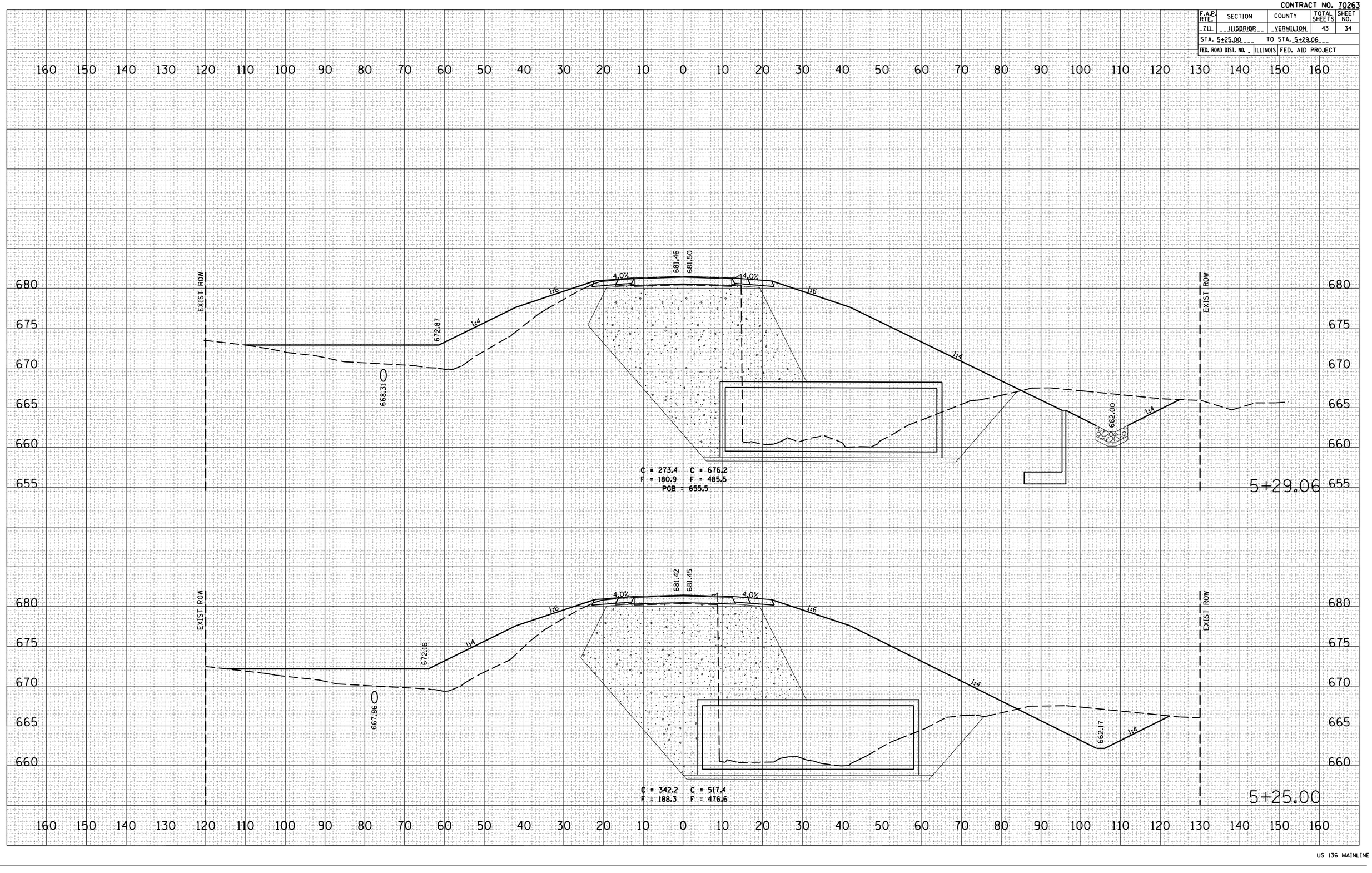
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
710	115BR(BR)	VERMILION	43	34
STA. 5+25.00	TO STA. 5+29.06			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

FINAL SURVEY — NOTE BOOK — NO.

BY	DATE
SURVEYED	
PLOTTED	
TYPING DATE	
AREAS	
AREAS CHECKED	

ORIGINAL SURVEY — NOTE BOOK: steve tucker — NO.

BY	DATE
SURVEYED	
PLOTTED	
TYPING DATE	
AREAS	
AREAS CHECKED	



PLOT DATE = 10/24/2006
FILE NAME = c:\projects\d505702 (r81\us-136-steve tucker\
PLOT SCALE = 21.765 ' / IN.
USER NAME = stuttsjw

US 136 MAINLINE

CONTRACT NO. 70263

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
710	115BR(BR)	VERMILION	43	35
STA. 5+38.68	TO STA. 5+50.00			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

FINAL SURVEY	NOTE BOOK	NO.	BY	DATE
SURVEYED				
PLOTTED				
TRANS. TO FILE				
AREAS				
AREAS CHECKED				

ORIGINAL SURVEY	NOTE BOOK	NO.	BY	DATE
SURVEYED				
PLOTTED				
TRANS. TO FILE				
AREAS				
AREAS CHECKED				

PLOT DATE = 10/24/2006
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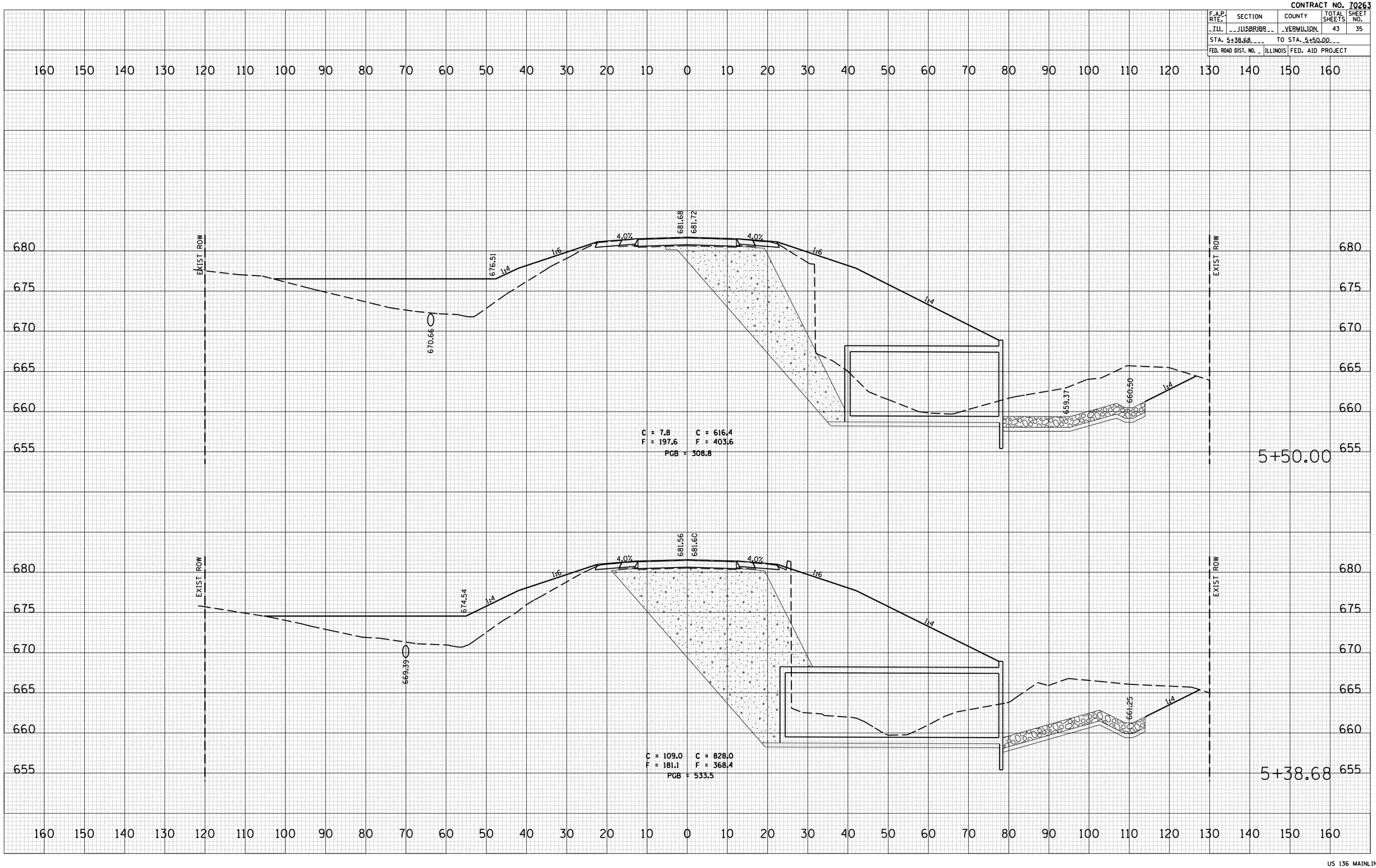
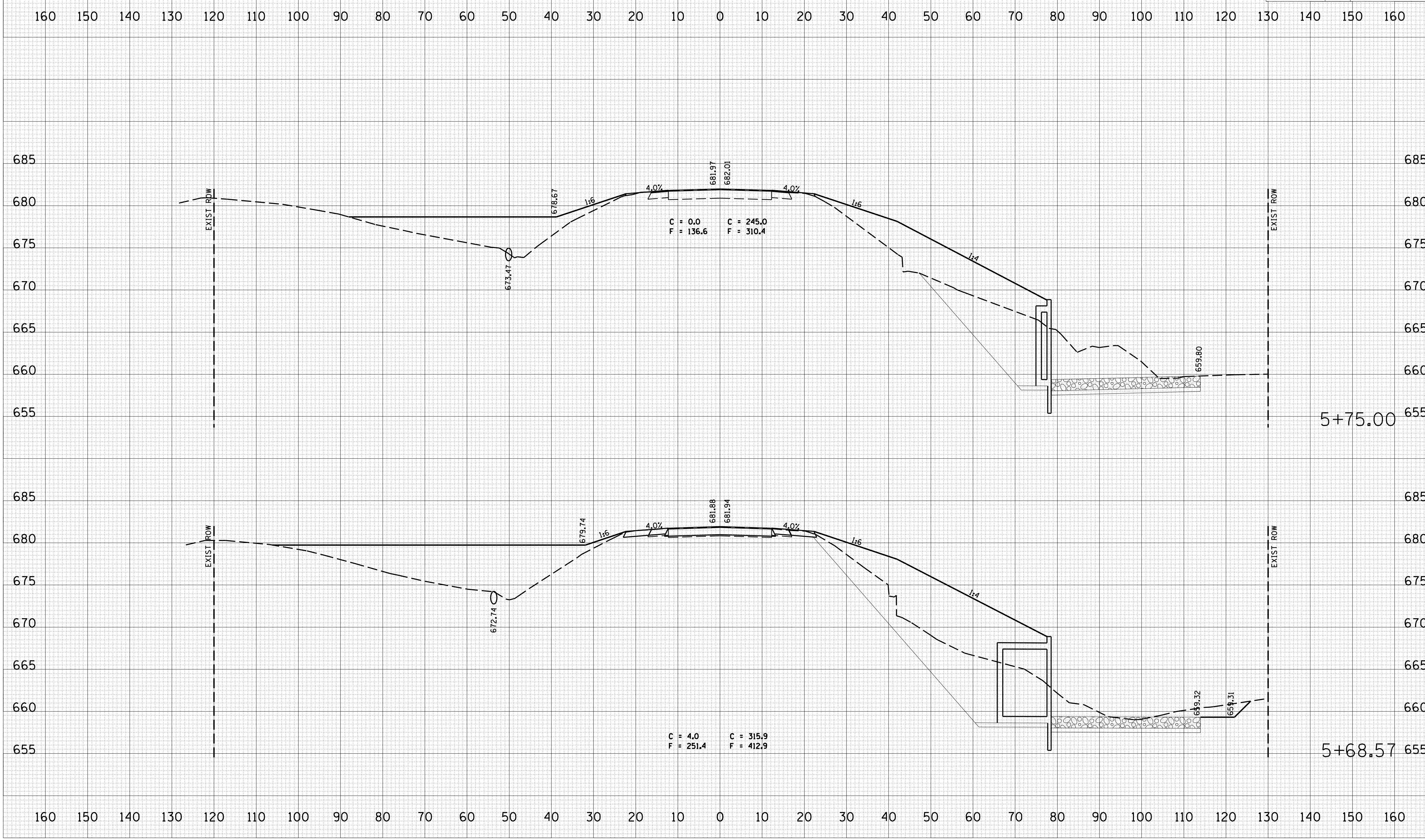
PLOT SCALE = 21.1765 ' / IN.
USER NAME = stultsjw



CONTRACT NO. 70263

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
711	(115BR)BR	VERMILION	43	36
STA. 5+68.57 TO STA. 5+75.00				
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



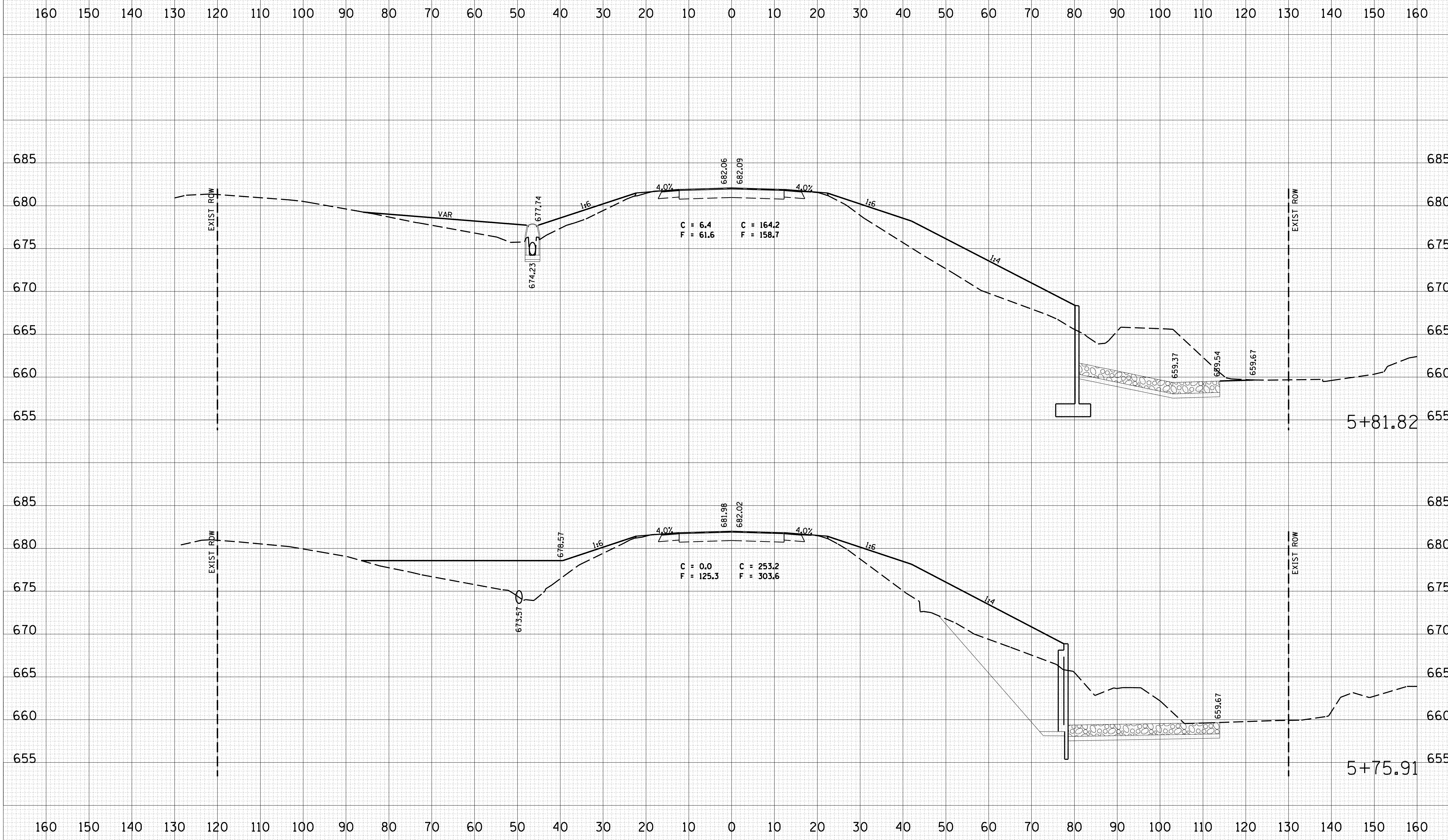
FINAL SURVEY: SURVEYED, PLOTTED, TEMPLATE, AREAS, AREAS CHECKED, NOTE BOOK NO., BY, DATE

ORIGINAL SURVEY: SURVEYED, PLOTTED, TEMPLATE, AREAS, AREAS CHECKED, NOTE BOOK NO., BY, DATE

PLOT DATE = 10/24/2006
FILE NAME = c:\projects\d505702 (v8)\us-136xs-[illegible]
PLOT SCALE = 21.1765 ' / IN.
USER NAME = stultsjw

CONTRACT NO. 70263

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
711	(115BR)BR	VERMILION	43	37
STA. 5+75.91	TO STA. 5+81.82			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



FINAL SURVEY: SURVEYED, PLOTTED, TEMPLATE, AREAS, AREAS CHECKED, NOTE BOOK NO., BY, DATE

ORIGINAL SURVEY: SURVEYED, PLOTTED, TEMPLATE, AREAS, AREAS CHECKED, NOTE BOOK NO., BY, DATE

PLOT DATE = 10/24/2006
FILE NAME = c:\projects\d505702 (v8)\us-136xs-sheets.dgn
PLOT SCALE = 21.1765 ' / IN.
USER NAME = stultsjw

US 136 MAINLINE

CONTRACT NO. 70263

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
710	(115BR)BR	VERMILION	43	38
STA. 6+00.00	TO STA. 6+10.95			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

FINAL SURVEY	BY	DATE
NOTE BOOK	SURVEYED	
NO.	PLOTTED	
	TRIANGULATE	
	AREAS	
	AREAS CHECKED	

ORIGINAL SURVEY	BY	DATE
	SURVEYED	
	PLOTTED	
	TRIANGULATE	
NO.	AREAS	
	AREAS CHECKED	

160 150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150 160

685 680 675 670 665 660 655

EXIST ROW

682.45

C = 0.0 C = 96.9
F = 0.0 F = 92.8

1:6

1:4

662.40

1:4

EXIST ROW

6+10.95

EXIST ROW

682.31

C = 0.0 C = 105.0
F = 0.0 F = 109.7

1:6

1:4

661.79

1:4

EXIST ROW

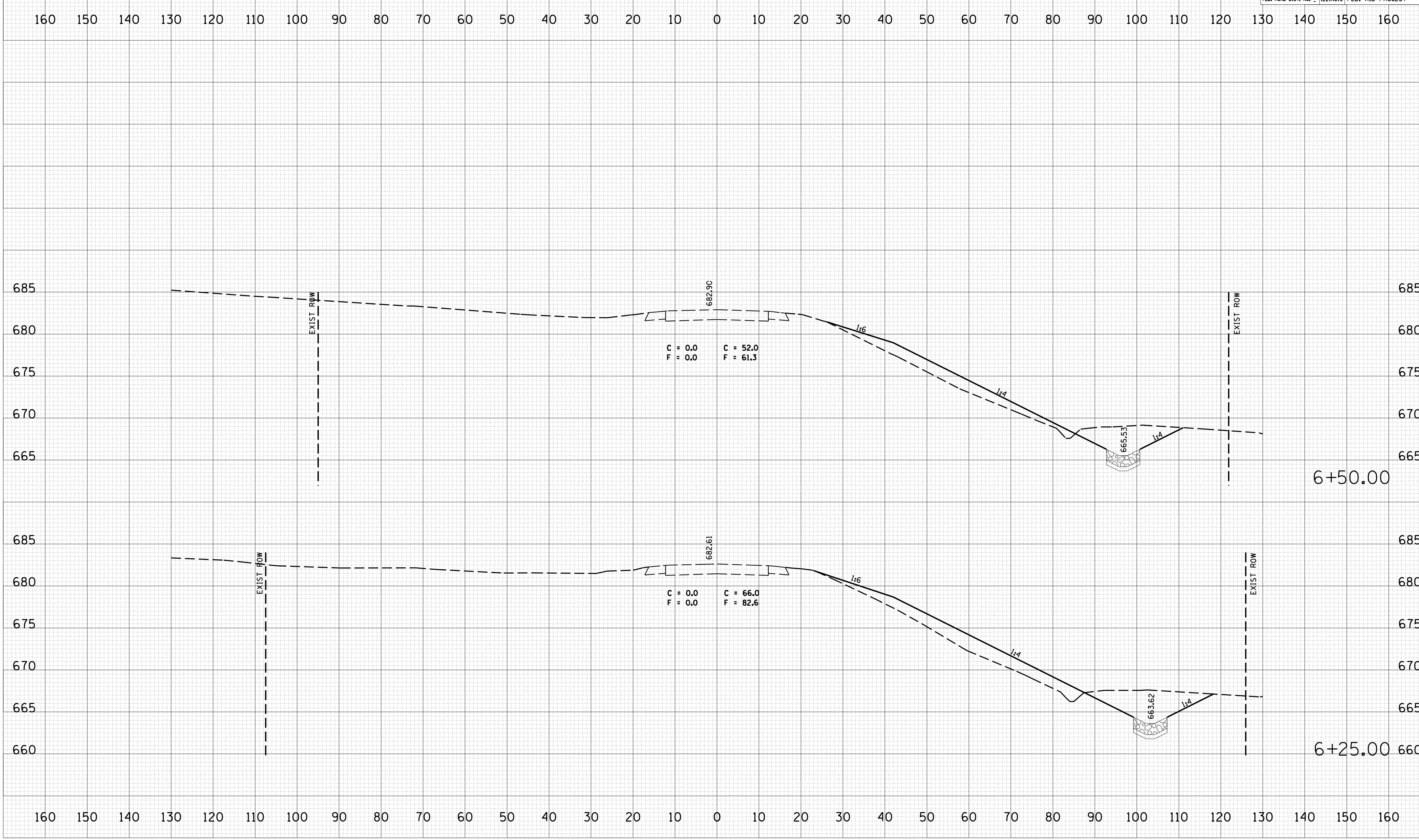
6+00.00

PLOT DATE = 10/24/2006
FILE NAME = c:\projects\d505702 i-81\us-136-mainline\sheets\dgn
PLOT SCALE = 21.1765 ' / IN.
USER NAME = stultsjw

US 136 MAINLINE

CONTRACT NO. 70263

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
711	(115BR)BR	VERMILION	43	39
STA. 6+25.00	TO STA. 6+50.00			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



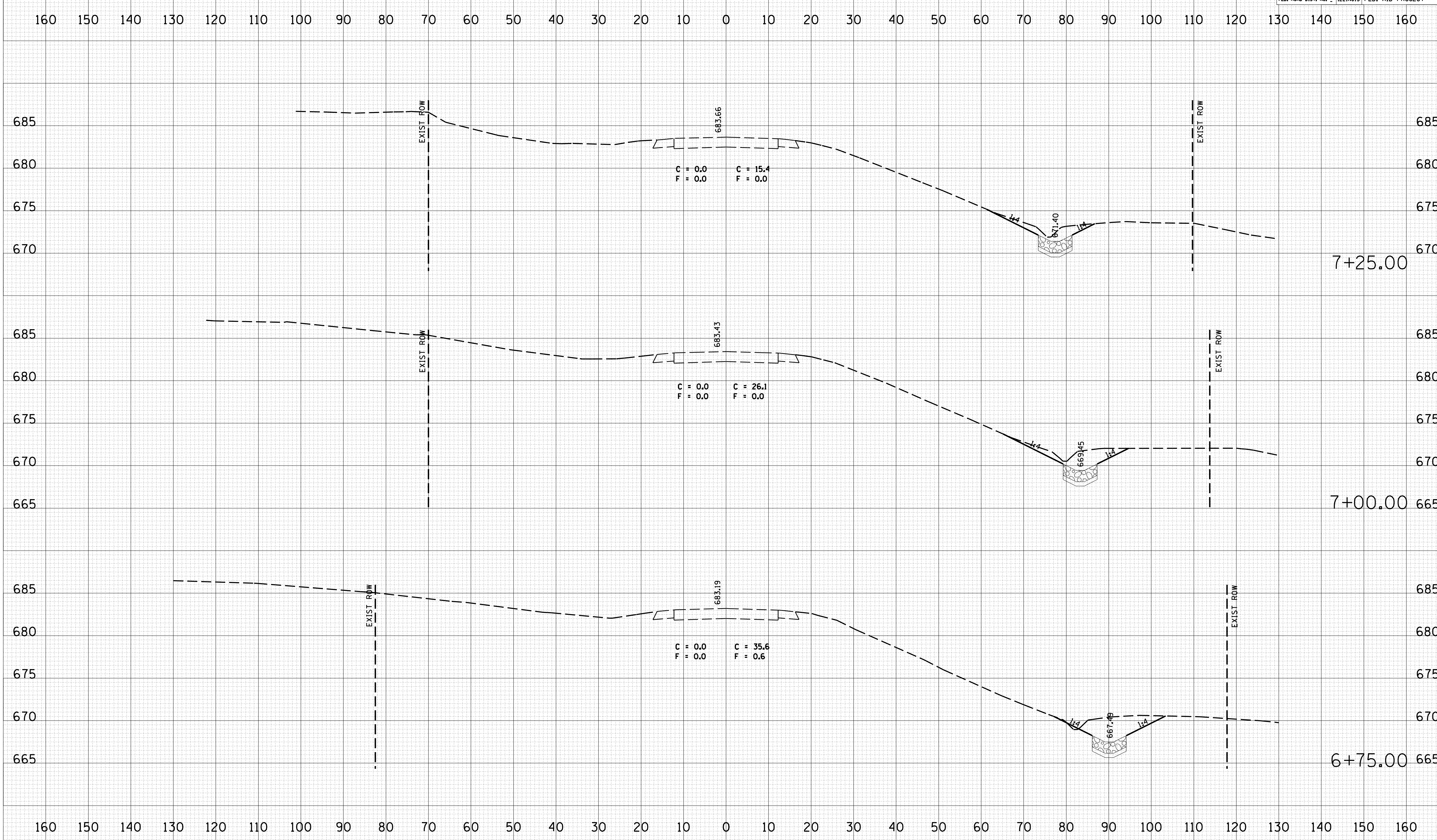
FINAL SURVEY | NOTE BOOK NO. | SURVEYED | PLOTTED | TEMPLATE | AREAS | AREAS CHECKED | BY | DATE

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

PLOT DATE = 10/24/2006
FILE NAME = c:\projects\d505702 (v8)\us-136xs-
PLOT SCALE = 21.1765 ' / IN.
USER NAME = stultsjw

CONTRACT NO. 70263

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
711	(115BR)BR	VERMILION	43	40
STA. 6+75.00	TO STA. 7+25.00			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



FINAL SURVEY: NOTE BOOK NO. / SURVEYED / PLOTTED / TEMPLATE / AREAS / AREAS CHECKED / BY / DATE

ORIGINAL SURVEY: NOTE BOOK NO. / SURVEYED / PLOTTED / TEMPLATE / AREAS / AREAS CHECKED / BY / DATE

PLOT DATE = 10/24/2006
FILE NAME = c:\projects\d505702 (v8)\us-136xs-sheets.dgn
PLOT SCALE = 21.1765 ' / IN.
USER NAME = stultsjw

US 136 MAINLINE

CONTRACT NO. 70263

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
710	(115BR)BR	VERMILION	43	41
STA. 7+50.00	TO STA. 8+00.00			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

160 150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150 160

685 680 675

EXIST ROW

684.31

C = 0.0 C = 9.6
F = 0.0 F = 0.0

1:4 1:4

675.55

EXIST ROW

8+00.00

685 680 675

EXIST ROW

684.10

C = 0.0 C = 6.5
F = 0.0 F = 0.0

1:4 1:4

674.43

EXIST ROW

7+75.00

685 680 675

EXIST ROW

683.88

C = 0.0 C = 5.1
F = 0.0 F = 0.0

1:4 1:4

673.27

EXIST ROW

7+50.00

685 680 675 670

160 150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150 160

FINAL SURVEY	NOTE BOOK	NO.	BY	DATE
SURVEYED				
PLOTTED				
TRIANGULATE				
AREAS				
AREAS CHECKED				

ORIGINAL SURVEY		NO.	BY	DATE
SURVEYED				
PLOTTED				
TRIANGULATE				
AREAS				
AREAS CHECKED				

PLOT DATE = 10/24/2006
FILE NAME = c:\projects\d505702 i-80\us-136-mainline\sheets\dgn
PLOT SCALE = 21.1765 ' / IN.
USER NAME = stultsjw

US 136 MAINLINE

CONTRACT NO. 70263

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
710	(115BR)BR	VERMILION	43	42
STA. 8+25.00	TO STA. 9+00.00			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

160 150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150 160

685 680 675

EXIST ROW

684.97

C = 0.0 F = 0.0

C = 6.3 F = 0.0

1:4 1:4

679.16

9+00.00

684.82

C = 0.0 F = 0.0

C = 9.4 F = 0.0

1:4 1:4

678.47

8+75.00

684.65

C = 0.0 F = 0.0

C = 10.4 F = 0.0

1:4 1:4

677.69

8+50.00

684.48

C = 0.0 F = 0.0

C = 12.8 F = 0.0

1:4 1:4

676.90

8+25.00

FINAL SURVEY	BY	DATE
NOTE BOOK	SURVEYED	
NO.	PLOTTED	
	TURNED OVER	
	AREAS	
	AREAS CHECKED	

ORIGINAL SURVEY	BY	DATE
	SURVEYED	
	PLOTTED	
	TURNED OVER	
	AREAS	
NO.	AREAS CHECKED	

PLOT DATE = 10/24/2006
FILE NAME = c:\projects\d505702 (\80\us-136-mainline)
PLOT SCALE = 21.1765 ' / IN.
USER NAME = stults_w

US 136 MAINLINE

CONTRACT NO. 70263

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
711	(115BR)BR	VERMILION	43	43
STA. 9+25.00		TO STA. 9+32.64		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

FINAL SURVEY

NOTE BOOK	SURVEYED	PLOTTED	TRANSFERRED	AREAS	AREAS CHECKED
NO.	BY				DATE

ORIGINAL SURVEY

NOTE BOOK	SURVEYED	PLOTTED	TRANSFERRED	AREAS	AREAS CHECKED
NO.	BY				DATE

PLOT DATE = 10/24/2006
FILE NAME = c:\projects\d505702 (=8)\us-136-mainline\sheets\dgn
PLOT SCALE = 21.1765 ' / IN.
USER NAME = stults_w

160 150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150 160

685
680

EXIST ROW

685.17

C = 0.0 C = 2.1
F = 0.0 F = 0.0

680.26

EXIST ROW

9+32.64

685
680

EXIST ROW

685.13

C = 0.0 C = 2.9
F = 0.0 F = 0.0

679.90

EXIST ROW

9+25.00

160 150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150 160

US 136 MAINLINE