

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION  
DIVISION OF HIGHWAYS

**PROPOSED  
FEDERAL AID  
HIGHWAY PLANS**

FAU 8715 (FAIRFIELD ROAD)  
SECTION 14-00136-00-RS  
PROJECT # M-5049 (024)  
RESURFACING

MT. VERNON LOCAL AGENCY IN JEFFERSON COUNTY

JOB NO. C-99-527-14

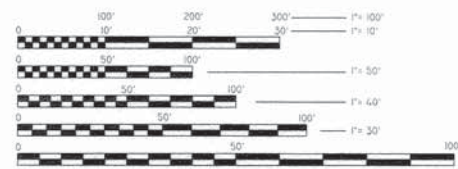
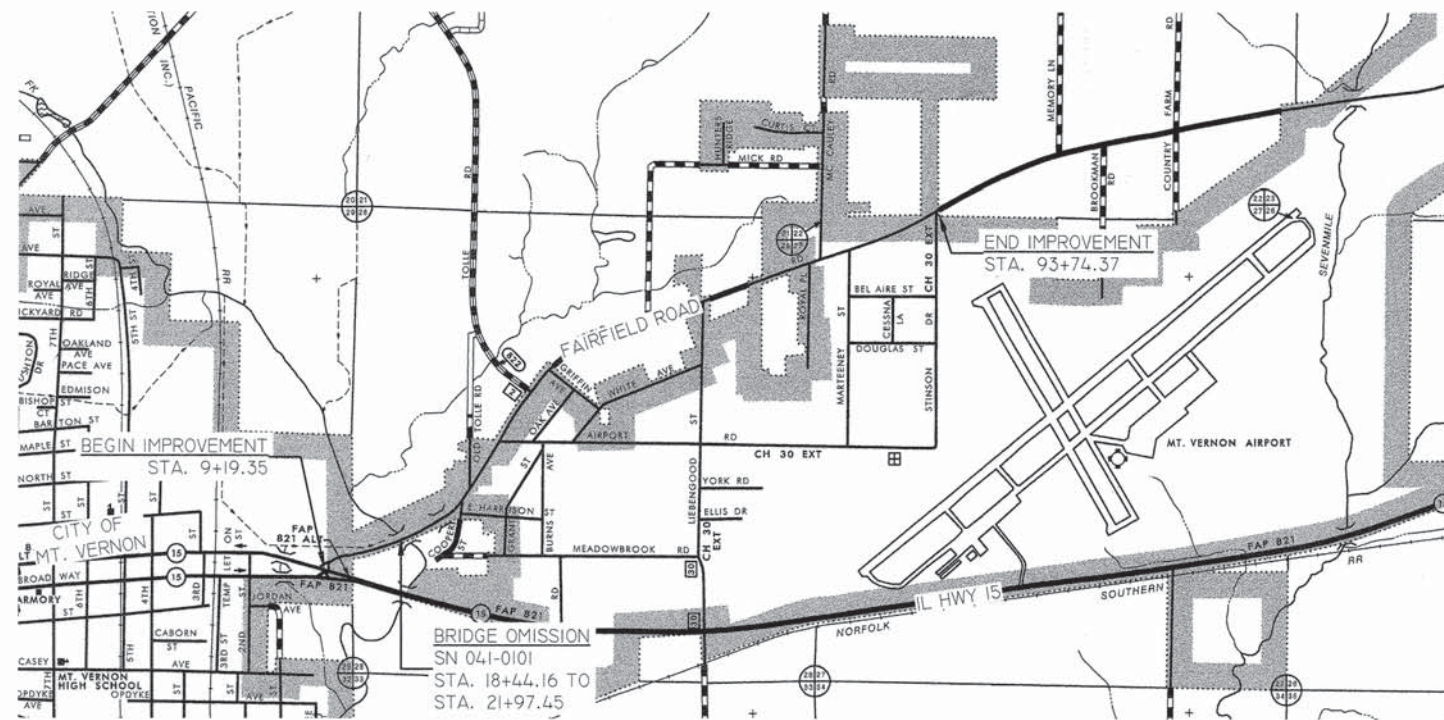
F.A.U. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8715 (FAIRFIELD ROAD)	14-00136-00-RS	JEFFERSON	33	1
		ILLINOIS	CONTRACT NO. 99555	

INDEX OF SHEETS

- 1 COVER SHEET
- 2 GENERAL NOTES, HIGHWAY STANDARDS, AND DETAILS
- 3 SUMMARY OF QUANTITIES
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FUNCTIONAL CLASSIFICATION:  
MINOR ARTERIAL (URBAN)  
2011 A.D.T. = 6,600  
DESIGN SPEED = 45 MPH  
POSTED SPEED = 40 MPH / 45 MPH



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 OR 811



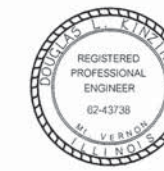
GROSS LENGTH = 8,455.02 FT. = 1.601 MILE  
NET LENGTH = 8,101.73 FT. = 1.534 MILE



**Round Table Design** INC.  
ARCHITECTURE - STRUCTURAL & PROFESSIONAL ENGINEERING - LAND SURVEYING

1020 MAIN STREET MT. VERNON, IL 618-244-7819

www.round-table-design.com



SIGNATURE: *Douglas Keizer*

DATE SIGNED: 2-3-16

LICENSE EXPIRES: 11-30-2017

SUBMITTED February 3, 2016  
*Mary Jane Chesley*  
MAYOR, CITY OF MT. VERNON

PASSED FEB. 10, 2016  
*Dani W. Hill*  
DISTRICT 9 ENGINEER OF LOCAL ROADS & STREETS

RELEASED FOR BID BASED ON LIMITED REVIEW FEBRUARY 10, 2016  
*Jeffrey L. Keim*  
DEPUTY DIRECTOR OF HIGHWAYS  
REGION FIVE ENGINEER

CONTRACT NO. 99555

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OF THE STATE OF ILLINOIS

**LIST OF HIGHWAY STANDARDS**

STD #	DESCRIPTION
000001-06	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
280001-07	TEMPORARY EROSION CONTROL SYSTEMS
424001-02	PERPENDICULAR CURB RAMPS FOR SIDEWALKS
424026-01	ENTRANCE / ALLEY PEDESTRIAN CROSSINGS
442001-07	CLASS B PATCHES
482001-02	HMA SHOULDER ADJACENT TO FLEXIBLE PAVEMENT
482001-03	HMA SHLD. STRIPS/SHLDS. WITH RESURFACING OR WIDENING AND RESURFACING PROJECTS
606001-06	CONCRETE CURB TYPE B & COMBINATION CONCRETE CURB & GUTTER
606101-05	TYPE A GUTTER (INLET, OUTLET, & ENTRANCE)
606301-04	PC CONCRETE ISLANDS AND MEDIANS
630001-10	STEEL PLATE BEAM GUARD RAIL
701001-02	OFF-ROAD OPERATIONS, 2L, 2W, MORE THAN 15' (4.5 M) AWAY
701006-05	OFF-ROAD OPERATIONS, 2L, 2W, 15' (4.5 M) TO 24' (600 MM) FROM PAVEMENT EDGE
701001-05	OFF-ROAD OPERATIONS, MULTILANE 15' (4.5 M) TO 24' (600 MM) FROM PAVEMENT EDGE
701201-04	LANE CLOSURE, 2L, 2W, DAY ONLY, FOR SPEEDS ≥ 45 MPH
701301-04	LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS
701306-03	LANE CLOSURE, 2L, 2W, SLOW MOVING OPERATIONS DAY ONLY, FOR SPEEDS ≥ 45 MPH
701311-03	LANE CLOSURE, 2L, 2W, MOVING OPERATIONS - DAY ONLY
701501-06	URBAN LANE CLOSURE, 2L, 2W, UNDIVIDED
701801-06	SIDEWALK, CORNER OR CROSSWALK CLOSURE
701901-05	TRAFFIC CONTROL DEVICES
725006-04	SIGN PANEL ERECTION DETAILS
780001-05	TYPICAL PAVEMENT MARKINGS
BLR-21-9	TYPICAL APPLICATION OF TRAFFIC CONTROL DEVICES FOR CONSTRUCTION ON RURAL LOCAL HIGHWAYS

**KNOWN UTILITY COMPANIES**

**GAS AND ELECTRIC**  
 AMEREN ILLINOIS POWER COMPANY  
 CONTACT: BRENT BARTLEY  
 PH: 618-244-8220

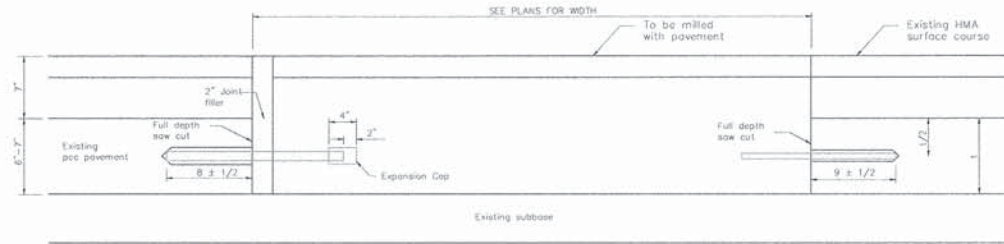
**ELECTRIC**  
 TRI-COUNTY ELECTRIC COOPERATIVE.  
 CONTACT: DENNIS IVERS  
 PO BOX 309  
 MT. VERNON, IL 62864  
 PH: 618-244-5151

**AT&T**  
 CONTACT: TODD ISAAK  
 210 NORTH LOCUST STREET  
 CENTRALIA, IL 62801  
 PH: 618-533-3501

**CHARTER COMMUNICATIONS**  
 CONTACT: GARY WARREN  
 PH: 618-779-4179

**CLEARWAVE COMMUNICATIONS**  
 CONTACT: ROTH CLAYTON  
 PH: 618-841-2600

**CITY OF MT. VERNON**  
 PUBLIC UTILITIES  
 CONTACT: JEFFREY WIELT  
 1201 CASEY AVENUE  
 MT. VERNON, IL 62864  
 PH: 618-242-6850



**CLASS B PATCH JOINTING SPECIAL**

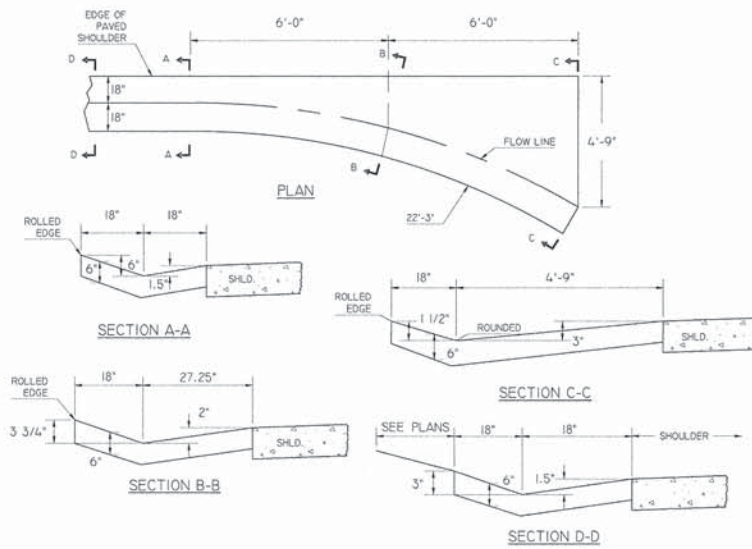
(SEE STANDARD 442101-07 FOR REMAINING DETAILS)

**LEGEND**

---	BOUNDARY LINE
---	CENTER LINE
---	EXISTING RIGHT-OF-WAY
---	FENCE LINE
---	E.O.P. / C&G
---	SHOULDER
---	LIMITS OF CONSTRUCTION
---	GUARD RAIL
---	SANITARY SEWER LINE
---	WATER LINE
---	GAS LINE
---	STORM SEWER LINE
---	DITCH FLOW LINE
---	FIBER OPTIC
---	IRON PIN FOUND
---	BENCHMARK / CONTROL POINT
---	BRONZE DISC
---	FENCE CORNER POST
---	CONCRETE MONUMENT
---	TREE
---	SIGN
---	MAILBOX
---	HANDHOLE
---	TRAFFIC SIGNAL
---	UTILITY POLE W/ LIGHT
---	GUY WIRE
---	UTILITY POLE
---	TRAFFIC SIGNAL
---	TRAFFIC SIGNAL CONTROL BOX
---	TELEPHONE PEDESTAL
---	SNS MANHOLE
---	STS INLET / MANHOLE
---	WATER METER
---	FIRE HYDRANT
---	WATER VALVE
---	PAVEMENT PATCH NUMBER
---	DITCH CHECK TEMPORARY
---	INLET & PIPE PROTECTION
---	PROP. SPOT ELEVATION
---	EXIST. SPOT ELEVATION

**THE FOLLOWING ABBREVIATIONS SUPPLEMENT OR SUPERCEDE HIGHWAY STANDARD 000001**

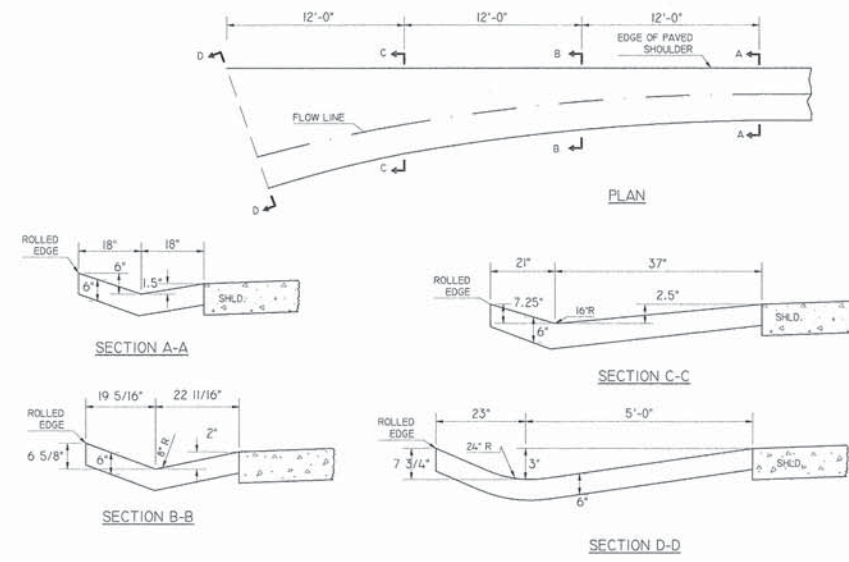
AC	ACRE	LS	LANDSCAPING
ADJ	ADJUST	LN	LANE
AGG	AGGREGATE	LT	LEFT
ATG	ADJUST TO GRADE	LP	LIGHT POLE
ASPH	ASPHALT	LF	LINEAR FEET
BC	BACK OF CURB	L	LENGTH
BARR	BARRICADE	L SUM	LUMP SUM
BGN	BEGIN	MB	MAILBOX
BM	BENCHMARK	MH	MANHOLE
BIT	BITUMINOUS	MIN	MINIMUM
BM	BOTTOM	MOD	MODIFIED
BRK	BRICK	NE	NORTHEAST
BLDG	BUILDING	NW	NORTHWEST
CIP	CAST IRON PIPE	OLID	OPEN LID
CTS	CENTERS	PVD	PAVED
CL	CENTERLINE	PVMT	PAVEMENT
CP	CLAY PIPE	PNT	POINT
CO	CLEAN OUT (SANITARY)	PC	POINT OF CURVATURE
CLID	CLOSED LID	PI	POINT OF INTERSECTION
COMB	COMBINATION	PT	POINT OF TANGENCY
CE	COMMERCIAL ENTRANCE	POLY	POLYETHYLENE
CONC	CONCRETE	PCC	PORTLAND CEMENT CONCRETE
CONST	CONSTRUCT	PP	POWER POLE
COR	CORNER	PE	PRIVATE ENTRANCE
CMP	CORRUGATED METAL PIPE	PROF	PROFILE
CSE	COURSE	PL	PROPERT LINE
XSECT	CROSS SECTION	PR	PROPOSED
CU YD	CUBIC YARD	R	RADIUS
CULV	CULVERT	RR	RAILROAD
C&G	CURB & GUTTER	RCP	REINFORCED CONCRETE PIPE
CI	CURB INLET	REM	REMOVAL
DC	DEPRESSED CURB	REP	REPLACEMENT
DET	DETECTOR	ROW	RIGHT-OF-WAY
DIA	DIAMETER	RD	ROAD
DIST	DISTANCE	SF	SQUARE FEET
DBL	DOUBLE	SNS	SANITARY SEWER
DND	DO NOT DISTURB	SIG	SIGNAL
DRV	DRIVEWAY	SE	SOUTHEAST
EA	EACH	SW	SOUTHWEST
EOP	EDGE OF PAVEMENT	SPL	SPECIAL
EL	ELEVATION	SQ FT	SQUARE FEET
ENTR	ENTRANCE	SQ YD	SQUARE YARD
EXC	EXCAVATION	STD	STANDARD
EX	EXISTING	STA	STATION
FC	FACE OF CURB	STS	STORM SEWER
FP	FENCE POST	STR	STRUCTURE
FE	FIELD ENTRANCE	TEL	TELEPHONE
FH	FIRE HYDRANT	TEMP	TEMPORARY
FES	FLARED END SECTION	TCE	TEMPORARY CONSTRUCTION EASEMENT
FL	FLOWLINE	TBBO	TO BE ADJUSTED BY OTHERS
FR	FRAME	TBR	TO BE REMOVED
F&G	FRAME & GRATE	TBRBO	TO BE REMOVED/RELOCATED BY OTHERS
GAL	GALLON	TS	TRAFFIC SIGNAL
GM	GAS METER	TSCB	TRAFFIC SIGNAL CONTROL BOX
GV	GAS VALVE	TY	TYPE
GRAN	GRANULAR	TYP	TYPICAL
GR	GRATE	UNGD	UNDERGROUND
GRVL	GRAVEL	UTIL	UTILITY
GND	GROUND	VALT	VAULT
GLT	GUTTER	VERT	VERTICAL
GW	GUY WIRE	VC	VERTICAL CRVE
HH	HANDHOLE	VPC	VERTICAL POINT OF CURVATURE
HDW	HEADWALL	VPI	VERTICAL POINT OF INTERSECTION
HMA	HOT MIX ASPHALT	VPT	VERTICAL POINT OF TANGENCY
HWY	HIGHWAY	VCP	VITRIFIED CLAY PIPE
HORIZ	HORIZONTAL	WM	WATER MAIN
IL	ILLINOIS	WM	WATER METER
IN DIA	INCH DIAMETER	WV	WATER VALVE
INL	INLET	W	WITH
INV	INVERT	W/O	WITHOUT
IP	IRON PIN		



**TYPE A GUTTER OUTLET SPECIAL #1**

**HOT MIX ASPHALT DESIGN DATA:**

-N DESIGN 50-		
MIXTURE USE	SURFACE	BINDER
AC/PG	IL 9.5 N70	IL 9.5 N70
RAP % (MAX.)	10%	10%
DESIGN AIR VOIDS	4.0% @ Ndes=70	4.0% @ Ndes=70
MIX COMPOSITION (GRADATION MIX.)	IL-9.5	IL-9.5
FRICTION AGG.	D	C



**TYPE A GUTTER OUTLET SPECIAL #2**

**GENERAL NOTES**

- ALL CONSTRUCTION SHALL BE ACCORDING TO THE ILLINOIS DEPARTMENT OF TRANSPORTATION'S "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION", ADOPTED APRIL 1, 2016.
- THE CONTRACTOR IS CAUTIONED THAT THE LOCATION OF EXISTING UTILITIES AS SHOWN ON THESE PLANS IS BASED ON RECORDS OF VARIOUS UTILITY COMPANIES AND WHERE POSSIBLE, MEASUREMENTS TAKEN IN FIELD. THE INFORMATION IS NOT TO BE RELIED ON AS BEING EXACT OR COMPLETE. THE CONTRACTOR MUST CALL THE APPROPRIATE UTILITY COMPANY TO REQUEST EXACT FIELD LOCATION OF UTILITIES.
- THE CONTRACTOR IS RESPONSIBLE FOR CHECKING & VERIFYING ALL ELEVATIONS, DISTANCES, AND DIRECTIONS BEFORE STARTING WORK ON ANY SEGMENT OF THE PROJECT. IF THE CONTRACTOR HAS ANY QUESTIONS OR SUSPECTS THERE IS AN ERROR OR OMISSION WITHIN THE PLANS OR CONSTRUCTION STAKES HE SHALL NOT PROCEED UNTIL THE DESIGNER OR HIS REPRESENTATIVE HAS BEEN FULLY NOTIFIED, HAS RESPONDED, & HAS SPECIFICALLY STATED THAT THE CONTRACTOR MAY PROCEED. ONCE WORK HAS STARTED ON ANY SEGMENT OF THE PROJECT, THE CONTRACTOR ASSUMES FULL RESPONSIBILITY.
- ALL TRENCHES UNDER PAVED OR PARKING AREAS SHALL BE BACKFILLED WITH CA-6 AND COMPACTED TO 95% OF THE STANDARD PROCTOR. SEE IDOT STANDARD SPECIFICATIONS, ARTICLE 205
- ALL SEEDED AREAS TO RECEIVE AT LEAST 4 INCHES OF TOPSOIL. CONTRACTOR TO SEED, MULCH, AND FERTILIZE ALL DISTURBED AREAS AND ASSURE AN ACCEPTABLE STAND OF GRASS PER IDOT SPECS., ART 250. USE IDOT CLASS I SEEDING.
- THE CONTRACTOR IS RESPONSIBLE FOR KEEPING STORM WATER RUN-OFF AND SILTATION UNDER CONTROL DURING CONSTRUCTION. EROSION CONTROL PRACTICES SHALL BE COMPLETED IN ACCORDANCE W/ STANDARD SPECS FOR SOIL EROSION CONTROL AS CONTAINED IN THE ILLINOIS URBAN MANUAL (FOUND AT www.aiswcd.org/iurm/) CURRENT EDITION.
- ALL ACCESSIBLE RAMPS SHALL BE CONSTRUCTED ACCORDING TO PROWAG AND THE ILLINOIS ACCESSIBILITY CODE. RAMPS SHALL BE CONSTRUCTED TO THE SAME THICKNESS AS THE ADJACENT SIDEWALK WITH A MINIMUM THICKNESS OF 4" WITH A MAXIMUM RAMP LENGTH OF 15 FEET.
- THE MAXIMUM LONGITUDINAL SLOPE FOR THE PAVEMENT ON ACCESSIBLE ROUTES (CROSSWALKS) SHALL BE 5% AND THE MAXIMUM CROSS SLOPE SHALL BE 2%. ALL WORK TO BE DONE SHALL BE IN ACCORDANCE WITH PROWAG, THE ILLINOIS ACCESSIBILITY CODE, & IDOT STANDARD SPECIFICATIONS - ARTICLE 424 AND 1020.
- ALL THE CONSTRUCTION IS WITHIN THE EXISTING R.O.W.

CODE NO.	SP	ITEM	UNIT	TOTAL QUANTITY
20200100		EARTH EXCAVATION	CU YD	20
20400800		FURNISHED EXCAVATION	CU YD	40
20800150		TRENCH BACKFILL	CU YD	1
25000100		SEEDING, CLASS 1	ACRE	1
25100115		MULCH, METHOD 2	ACRE	1
28000305		TEMPORARY DITCH CHECKS	FOOT	52
28000500		INLET AND PIPE PROTECTION	EACH	14
35102000		AGGREGATE BASE COURSE, TYPE B 8"	SQ YD	566
40200800		AGGREGATE SURFACE COURSE, TYPE B	TON	78
40600275		BITUMINOUS MATERIALS (PRIME COAT)	POUND	1726
40600290		BITUMINOUS MATERIALS (TACK COAT)	POUND	10690
40600400		MIXTURE FOR CRACKS, JOINTS, AND FLANGEWAYS	TON	12
40600637	*	LEVELING BINDER (MACHINE METHOD), IL-9.5 FG, N70	TON	3212
40600982		HOT-MIX ASPHALT ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD	2214
40600990		TEMPORARY RAMP	SQ YD	98
40603340		HOT-MIX ASPHALT SURFACE COURSE, MIX 'D', N70	TON	1783
40800050		INCIDENTAL HOT-MIX ASPHALT SURFACING	TON	341
42300200		PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 6 INCH	SQ YD	26
42400100		PORTLAND CEMENT CONCRETE SIDEWALK 4 INCH	SQ FT	843
42400800		DETECTABLE WARNINGS	SQ FT	112
44000100		PAVEMENT REMOVAL	SQ YD	459
44000152		HOT-MIX ASPHALT SURFACE REMOVAL, 3/4"	SQ YD	12902
44000153		HOT-MIX ASPHALT SURFACE REMOVAL, 1"	SQ YD	9479
44000155		HOT-MIX ASPHALT SURFACE REMOVAL, 1 1/2"	SQ YD	2014
44000160		HOT-MIX ASPHALT SURFACE REMOVAL, 2 3/4"	SQ YD	118
44000200		DRIVEWAY PAVEMENT REMOVAL	SQ YD	154
44000300		CURB REMOVAL	FOOT	72
44000500		COMBINATION CURB AND GUTTER REMOVAL	FOOT	54
44000600		SIDEWALK REMOVAL	SQ FT	927
44201019		CLASS B PATCHES, TYPE II, 14 INCH	SQ YD	41
44201023		CLASS B PATCHES, TYPE III, 14 INCH	SQ YD	304
44201025		CLASS B PATCHES, TYPE IV, 14 INCH	SQ YD	361
44201294		CLASS B PATCH - EXPANSION JOINT	FOOT	743
44201297		DOWEL BARS 1"	EACH	345
44213200		SAW CUTS	FOOT	3072
44213208		TIE BARS 1 1/4"	EACH	985
48101200		AGGREGATE SHOULDERS, TYPE B	TON	34
48102100		AGGREGATE WEDGE SHOULDER, TYPE B	TON	1356
48203009		HOT-MIX ASPHALT SHOULDERS, 3"	SQ YD	153
48203100		HOT-MIX ASPHALT SHOULDERS	TON	467
542D0220		PIPE CULVERTS, CLASS D, TYPE 1 15"	FOOT	9
60600095		CLASS SI CONCRETE (OUTLET)	CU YD	14
60600605		CONCRETE CURB, TYPE B	FOOT	72

CODE NO.	SP	ITEM	UNIT	TOTAL QUANTITY
60605100	*	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.4 (ABUTTING EXISTING PAVEMENT)	FOOT	54
60618320	*	CONCRETE MEDIAN SURFACE, 6 INCH	SQ FT	153
67100100		MOBILIZATION	L SUM	1
70300100		SHORT TERM PAVEMENT MARKING	FOOT	9437
72400600		RELOCATE SIGN PANEL ASSEMBLY- TYPE B	EACH	3
Δ 78000200		THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	12210
Δ 78000400		THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	320
Δ 78000600		THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	76
Δ 78000650		THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	18
Z0013798	*	CONSTRUCTION LAYOUT	L SUM	1
Δ Z0036200	*	PAINT CURB	FOOT	717
X406 0987	*	PORTLAND CEMENT CONCRETE SURFACE REMOVAL - BUTT JOINT (SPECIAL)	SQ YD	169
X6062700	*	CONCRETE GUTTER, TYPE A (SPECIAL)	FOOT	245
Δ X6331009	*	REMOVE AND REPLACE STEEL PLATE BEAM GUARDRAIL, SPECIAL	FOOT	26
X7010216	*	TRAFFIC CONTROL AND PROTECTION, (SPECIAL)	L SUM	1

Δ SPECIALTY ITEMS

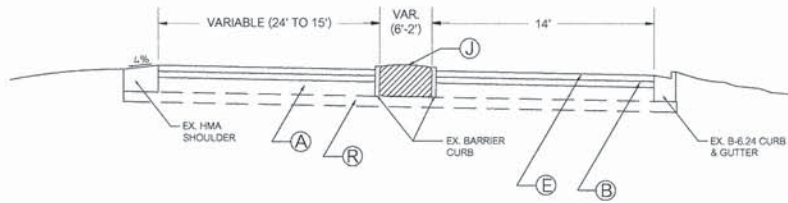
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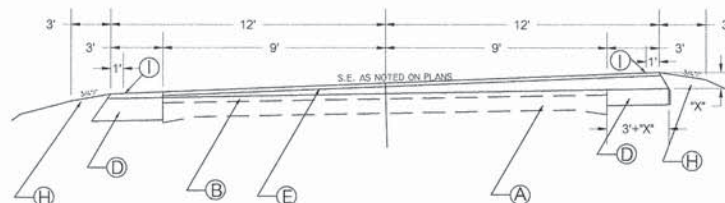
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES	
SCALE: 1/4"	SHEET 1 OF 1 SHEETS

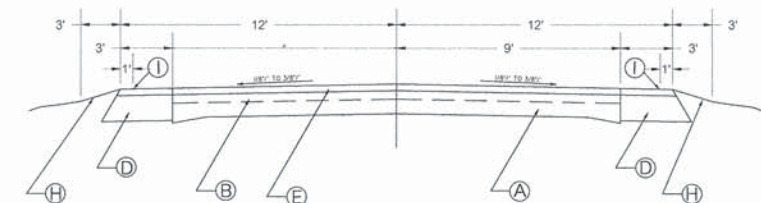
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CONTRACT NO. 99555			ILLINOIS FEDERAL AID PROJECT	



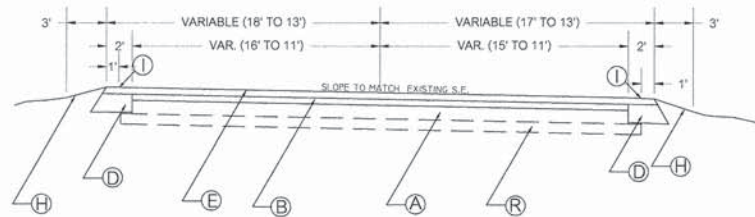
STA. 9+00 TO STA. 10+79



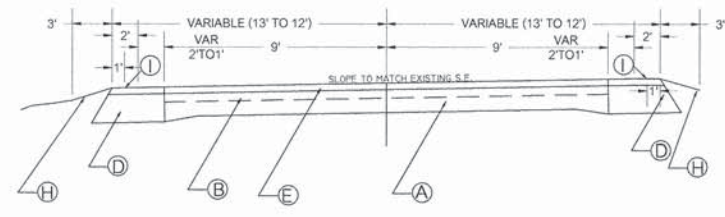
STA. 13+67.19 TO STA. 17+70.80  
STA. 23+34.54 TO STA. 29+02.05



STA. 17+70.08 TO STA. 23+33.82  
STA. 28+72.3 TO STA. 39+30.55

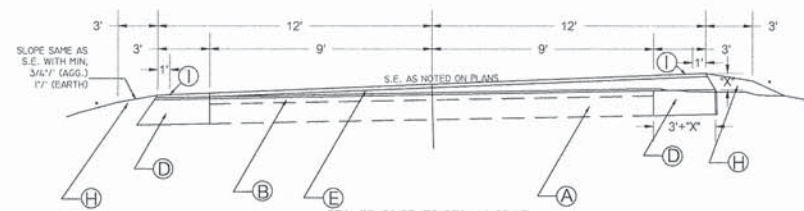


STA. 10+79 TO STA. 20+86.88



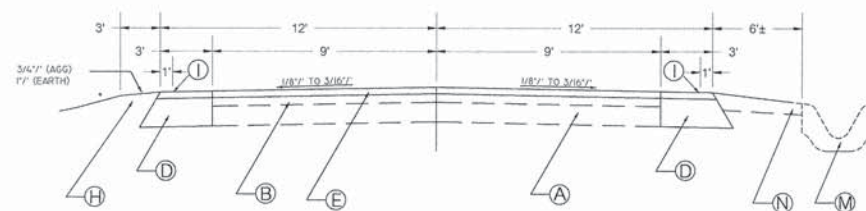
STA. 12+67.19 TO STA. 13+67.19

- (A) 6" PCC PAVEMENT
- (B) BITUMINOUS CONCRETE BINDER COURSE, 5"
- (D) BITUMINOUS CONCRETE BASE COURSE WIDENING, 9"
- (E) BITUMINOUS CONCRETE SURFACE COURSE, MIXTURE D OR E, CLASS 1, 2"
- (H) AGGREGATE OR EARTH SHOULDER.
- (I) STRIPE
- (J) MEDIAN
- (R) GRANULAR SUB-BASE



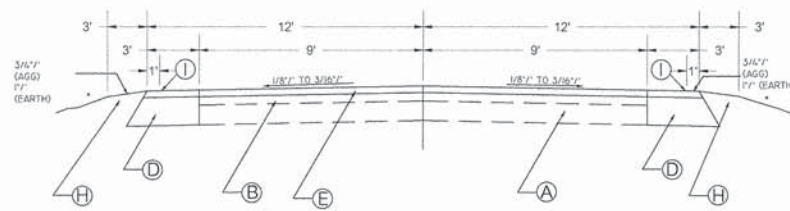
STA. 39+30.55 TO STA. 41+28.65  
STA. 45+44.45 TO STA. 49+94.65  
STA. 83+93.05 TO STA. 90+67.05

\* SLOPE VARIES 1:2 TO 1:4

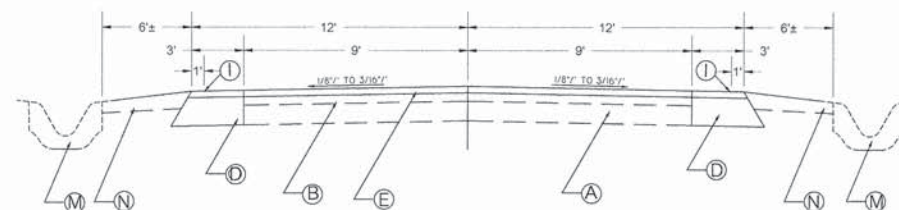


STA. 51+44.35 TO STA. 58+48.35

- (A) 6" PCC PAVEMENT
- (B) BITUMINOUS CONCRETE BINDER COURSE, 5"
- (D) BITUMINOUS CONCRETE BASE COURSE WIDENING, 9"
- (E) BITUMINOUS CONCRETE SURFACE COURSE, 2"
- (H) AGGREGATE OR EARTH SHOULDER.
- (I) STRIPE
- (M) PAVED DITCH
- (N) BITUMINOUS SHOULDERS (VARIABLE THICKNESS & SLOPE)



STA. 41+28.65 TO STA. 45+44.45  
STA. 49+94.65 TO STA. 51+44.35  
STA. 76+21.35 TO STA. 83+92.05  
STA. 90+67.05 TO STA. 93+74.37



STA. 58+48.35 TO STA. 76+21.35

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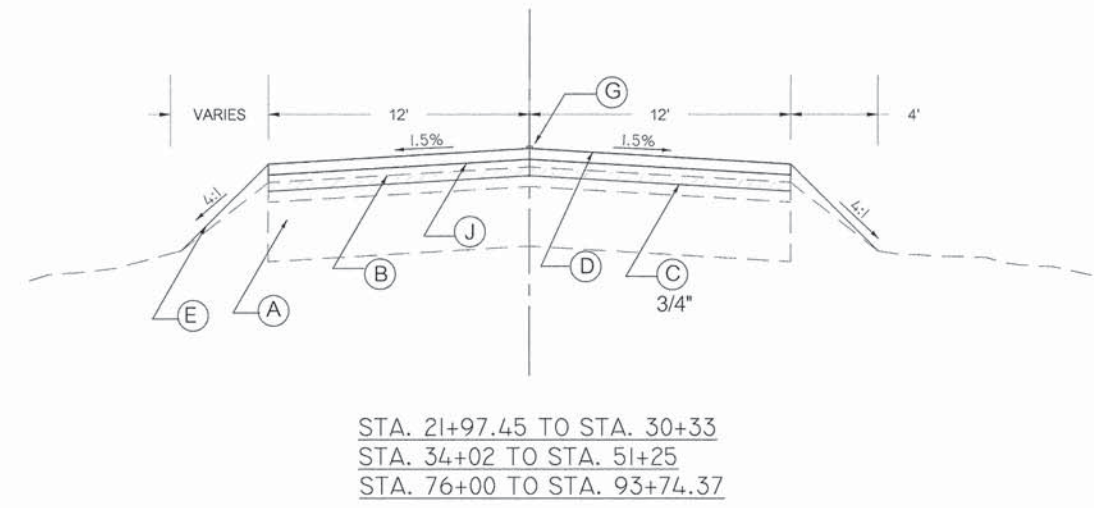
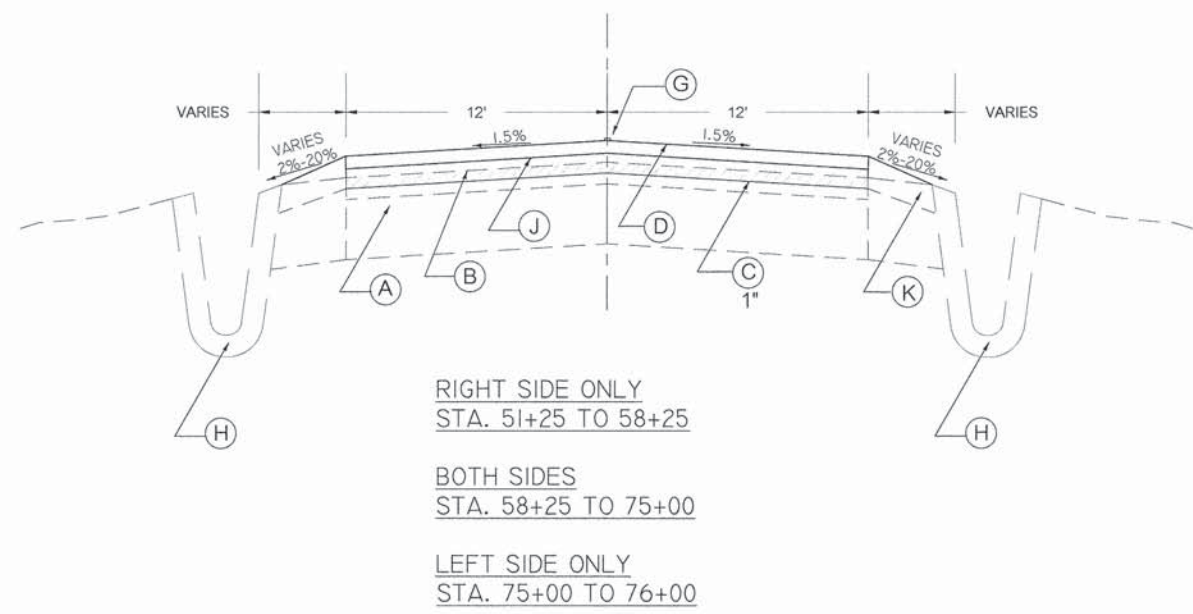
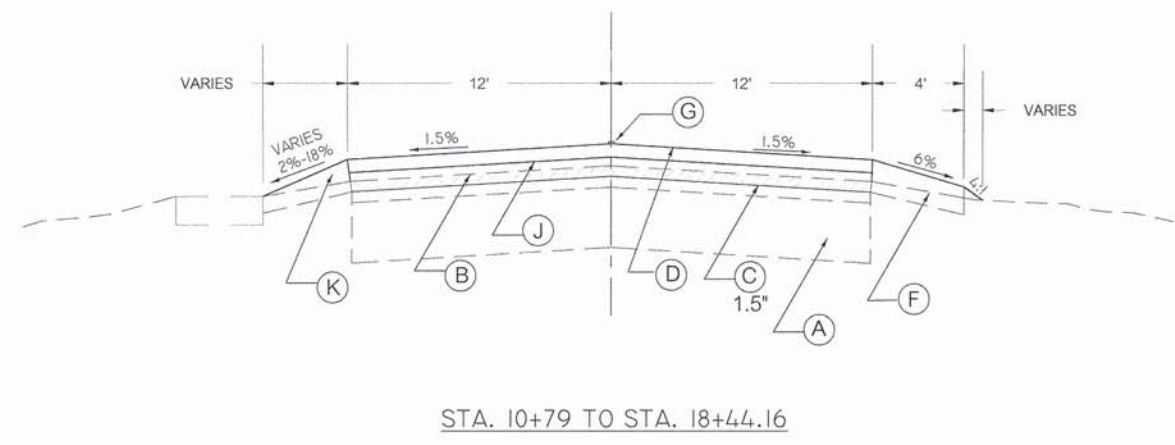
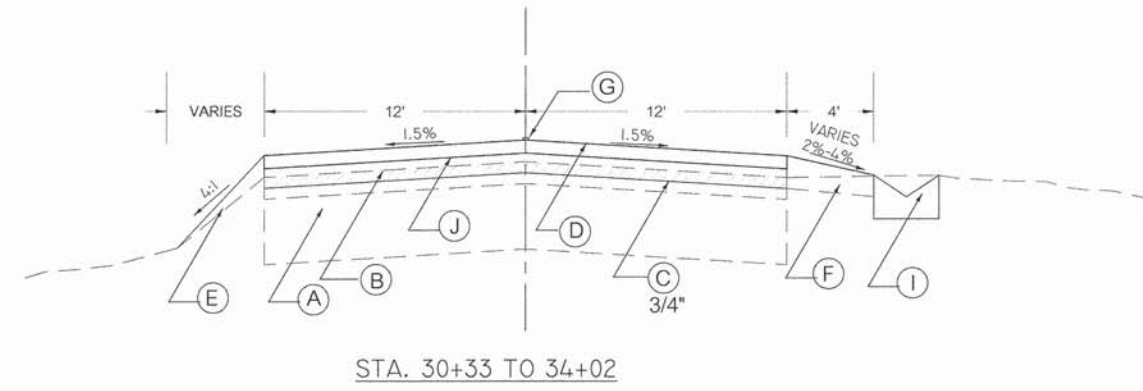
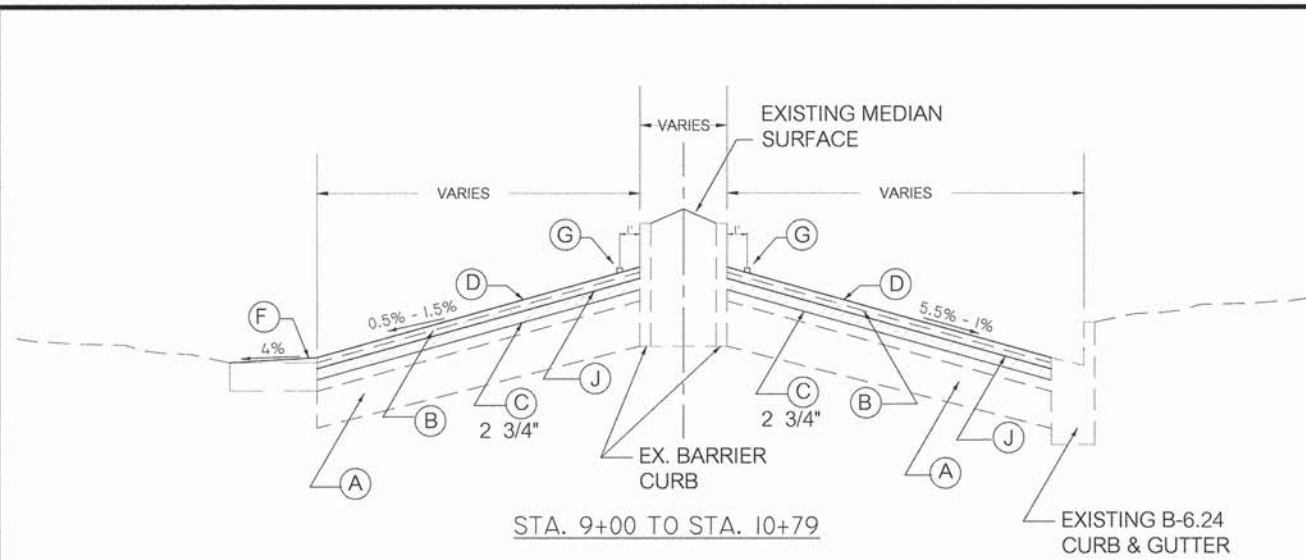
**Round Table Design** inc.  
ARCHITECTURE - STRUCTURAL & PROFESSIONAL ENGINEERING - LAND SURVEYING  
1003 MAIN STREET WILMINGTON, IL 618 - 244 - 7878

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

EXISTING TYPICAL SECTIONS

SCALE: 1" = 12'  
SHEET 1 OF 2 SHEETS

F.A.U. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8715 (FAIRFIELD ROAD)	IL-00156-00-RS	JEFFERSON	33	4
CONTRACT NO. 99555				
ILLINOIS		FEDERAL AID PROJECT		



- (A) EXISTING PCC PAVEMENT
- (B) EXISTING HMA SURFACE
- (C) HOT-MIX ASPHALT SURFACE REMOVAL
- (D) PROPOSED HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70, 1.5"
- (E) PROPOSED AGGREGATE SHOULDER
- (F) PROPOSED HOT-MIX ASPHALT SHOULDER, 3"
- (G) CENTERLINE PAVEMENT MARKING
- (H) EXISTING PAVED DITCH
- (I) PROPOSED TYPE A GUTTER
- (J) PROPOSED HOT-MIX-ASPHALT BINDER COURSE, IL-12.5, N70, 1.5"
- (K) PROPOSED TAPERED HOT-MIX ASPHALT SHOULDERS

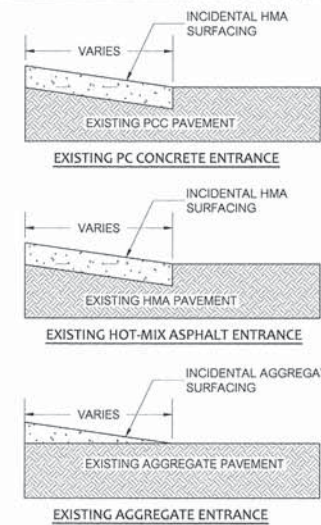
ENTRANCES AND SIDEROADS

LOCATION	DESCRIPTION	WIDTH	EXIST PAVT TYPE	AGG BASE CSE B 8 SQ YD	AGG SURF CSE B TON	HMA SURF REM BUTT JT SQYD	PCC SURF REM BUTT JT SQYD	INCIDENTAL HMA SURF TON	PCC DRIVEWAY PAVT 6 SQYD	PAVEMENT REM SQYD	DRIVE PAVEMENT REM SQYD
STA	SIDE										
13+59.54	L	CE	35	CONC			29	5			
15+36.68	R	CE	33	CONC			50	7			
18+02.39	R	PE	26	AGG	6						
26+68.60	L	COOPER ST.	24	OIL & CHIP		69		12			
26+69.09	R	PE	15	AGG	2						
27+88.90	R	PE	24	HMA		36		5			
28+61.94	R	PE	18	HMA		42		14			
28+73.91	L	EX. OLD TOLLE LN.	21	OIL & CHIP					142		
29+00.00	L	PR. OLD TOLLE LN.	21	HMA	159			28			
30+00.86	R	CE	48	AGG	11				3		
30+53.65	R	PE	12	HMA	39			3			39
31+32.06	L	CE	232	HMA		65		12			
31+42.61	R	PE	11	HMA	27			3			27
31+92.76	R	PE	13	HMA	37			3			37
32+71.91	R	PE	15	AGG	1						
33+44.88	L	PE	12	HMA		5		1			
33+46.13	R	PE	14	AGG	1						
34+40.69	R	CE	26	CONC			48	8			
35+28.08	R	AIRPORT RD.	24	HMA		109		18			
35+34.40	L	CE	135	AGG	9						
36+69.43	L	CE	135	AGG	6						
36+79.91	R	CE	17	AGG	1						
37+67.21	R	CE	14	AGG	1						
38+25.93	R	PE	11	AGG	1						
38+85.71	R	PE	11	AGG	1						
38+96.13	L	CE	32	HMA		19		3			
40+01.09	R	PE	13	HMA		14		3			
40+35.51	L	CE	75	HMA		21		6			
41+67.15	L	N. TOLLE LN.	25	HMA		47		8			
42+27.60	R	CE	100	HMA		55		8			
43+18.10	R	PE	11	AGG		1			6		
44+03.97	R	PE	13	AGG		1			6		
44+60.60	R	PE	13	AGG		1			6		
45+30.49	R	GRIFFETH AVE.	18	OIL & CHIP	67			6		67	
48+20.45	R	PE	24	AGG		6					
48+75.52	R	PE	19	AGG		7					
50+36.32	R	PE	17	AGG		3					
51+02.03	R	PE	23	AGG		5					
52+17.39	L	CE	17	HMA				32			
52+19.82	R	PE	13	AGG		1					
52+78.54	R	CE	29	HMA				28			
53+00.58	L	CE	47	HMA				14			
54+30.07	R	CE	29	HMA				44			
54+30.87	L	PE	172	HMA				44			
55+15.48	R	PE	19	HMA				15			
55+77.30	R	PE	24	HMA				14			
56+51.01	R	PE	14	CONC				14			
57+37.30	R	CE	25	HMA				14			
57+73.21	R	PE	19	HMA				60			
58+01.38	L	LINK RD.	17	HMA				47			
58+31.95	R	PE	18	HMA				20			
59+03.91	R	PE	12	CONC	16			4			16
60+05.41	R	PE	14	HMA				9			
60+12.92	L	CE	30	CONC				18			
60+71.74	L	PE	11	AGG	1						
61+66.24	L	PE	11	HMA				17			
62+50.13	R	PE	16	HMA				34			
62+64.49	R	PE	13	HMA				21			
62+89.70	L	PE	13	HMA				32			
63+02.86	L	PE	13	HMA				26			
64+42.37	L	PE	12	HMA				13			
64+54.47	L	PE	12	HMA				14			

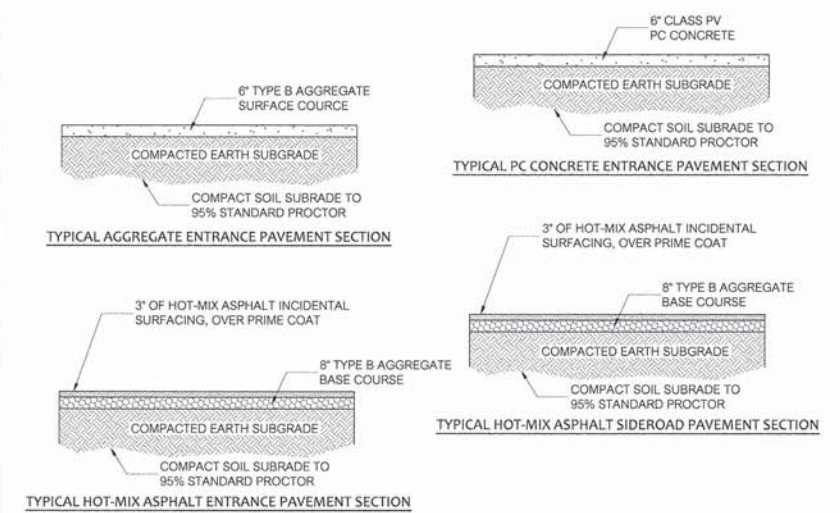
ENTRANCES AND SIDEROADS

LOCATION	DESCRIPTION	WIDTH	EXIST PAVT TYPE	AGG BASE CSE B 8 SQYD	AGG SURF CSE B TON	HMA SURF REM BUTT JT SQYD	PCC SURF REM BUTT JT SP SQYD	INCIDENTAL HMA SURF TON	PCC DRIVEWAY PAVT 6 SQYD	PAVEMENT REM SQYD	DRIVE PAVEMENT REMS QYD	
STA	SIDE											
64+92.08	R	LIEBENGOOD RD.	20	OIL & CHIP				12		66		
65+77.74	R	FE	10	AGG	5							
66+49.26	L	PE	11	HMA		10		2				
67+11.01	R	PE	13	HMA		31		2				
67+22.66	L	PE	13	HMA		16		2				
67+86.79	L	PE	11	HMA		21		2				
68+80.50	R	PE	20	HMA	35			4			35	
69+65.80	L	PE	10	HMA		37		4				
70+56.19	L	PE	8	HMA		22		2				
73+15.14	L	PE	14	HMA		15		2				
73+25.03	R	PE	16	HMA		24		2				
74+32.62	L	PE	17	HMA		16		2				
75+16.39	R	PE	13	HMA		22		2				
75+48.03	L	PE	14	AGG	1							
75+55.68	R	PE	12	HMA		43		4				
76+06.21	L	PE	12	HMA		13		2				
77+32.21	R	ROYAL PLACE	32	HMA	86			14		86		
78+31.63	R	PE	26	HMA		26		7				
79+33.98	L	McCAULEY RD.	21	HMA	57			10		57		
79+34.21	R	PE	13	AGG		3						
80+77.66	L	PE	14	HMA		22		4				
81+07.44	R	PE	13	HMA		3		5				
81+54.12	R	PE	9	AGG	1							
82+40.60	R	MARTEENY ST.	20	OIL & CHIP	41			8		41		
82+79.79	L	PE	19	HMA		13		2				
84+07.65	R	CE	25	CONC			24	4				
84+87.83	R	CE	45	HMA		78		10				
85+07.68	L	PE	14	HMA		7		2				
85+31.15	L	PE	14	HMA		7		2				
86+99.02	R	CE	26	HMA		35		4				
87+24.78	L	PE	9	AGG		1						
87+67.19	L	PE	12	AGG		1						
88+86.00	R	CE	27	HMA		17		2				
90+69.14	R	FE	16	AGG		1						
91+58.78	L	FE	16	AGG		1			2			
92+69.37	L	FE	19	AGG		3			3			
93+37.27	R	STINSON DR.	24	HMA		16		4				
TOTALS					566	78	1557	169	341	26	459	154

ENTRANCE & SIDEROAD IMPROVEMENTS



ENTRANCE & SIDEROAD RECONSTRUCTION



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		CHECKED - ADM	REVISED -
		DATE - 2/3/2016	REVISED -

**Round Table Design** INC.  
 ARCHITECTURE - STRUCTURAL & PROFESSIONAL ENGINEERING - LAND SURVEYING  
 1000 MAIN STREET | MT. JERMON, IL. | 618-241-7919

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

SCHEDULES	
SCALE: 1:1	SHEET 1 OF 2 SHEETS

F.A.U. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8715 (FAIRFIELD ROAD)	14-00156-00-RS	JEFFERSON	33	6
		CONTRACT NO. 99555		
		ILLINOIS		FEDERAL AID PROJECT

PAVEMENT MARKINGS							
THERMOPLASTIC PAVEMENT MARKINGS							
LOCATION	SOLID WHITE 4" LANE LINE	* SOLID DOUBLE YELLOW 4" LINE	SOLID YELLOW 4" LINE	SKIP DASH YELLOW 4" LINE	SOLID WHITE 12" STOP BAR	SOLID WHITE 24" STOP BAR	SOLID WHITE 6" CROSSWALK LINE
	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT
STA. 9+28 LT.						18	
STA. 10+77 TO 11+25		48					
STA. 11+25 TO 29+42		1,817					
STA. 28+78							66
STA. 28+94 LT.					19		
STA. 29+42 TO 33+09 LT.			367				
STA. 29+42 TO 33+09 RT.				133			
STA. 33+09 TO 42+44				322			
STA. 42+44 TO 44+47 LT.				78			
STA. 42+44 TO 44+47 RT.			203				
STA. 44+47 TO 49+52		505					
STA. 45+30.49 RT.							38
STA. 45+36 RT.					9		
STA. 49+52 TO 54+98 LT.			546				
STA. 49+52 TO 54+98 RT.				192			
STA. 54+98 TO 70+36				523			
STA. 64+92.08 RT.							52
STA. 64+96 RT.					12		
STA. 70+36 TO 91+94		2,158					
STA. 77+32.21 RT.							60
STA. 77+42 RT.					12		
STA. 78+99							56
STA. 82+45 RT.					12		
STA. 91+94 TO 93+74.37				71			
STA. 93+37.27 RT.							48
STA. 93+41 RT.					12		
ISLAND #1	364						
ISLAND #2			300				
ISLAND #3	55						
TOTALS	419	4,528	1,416	1,319	76	18	320

\* QUANTITY SHOWN SHALL BE MULTIPLIED BY TWO

PAVEMENT PATCHING				
CLASS B, 14"				
NUMBER	LOCATION	TYPE II SQYD	TYPE III SQYD	TYPE IV SQYD
①	10+00 LT.		16	
②	12+00 LT.	11		
③	12+73		16	
④	14+86			26
⑤	15+57		16	
⑥	16+77		16	
⑦	17+51		16	
⑧	17+98		16	
⑨	22+36		16	
⑩	22+76		16	
⑪	23+28			39
⑫	24+33		16	
⑬	28+03		16	
⑭	28+81		16	
⑮	29+66 TO 35+76 RT.			204
⑯	35+41 LT.	8		
⑰	35+79		16	
⑱	36+25		16	
⑲	36+95 TO 37+11 RT.	6		
⑳	47+11		16	
㉑	49+77		16	
㉒	56+17 TO 57+31 RT.			64
㉓	57+14 LT.	8		
㉔	64+66 TO 65+28 RT.			28
㉕	68+61		16	
㉖	70+69		16	
㉗	89+15 LT.	8		
㉘	91+64		16	
㉙	92+82		16	
TOTALS		41	304	361

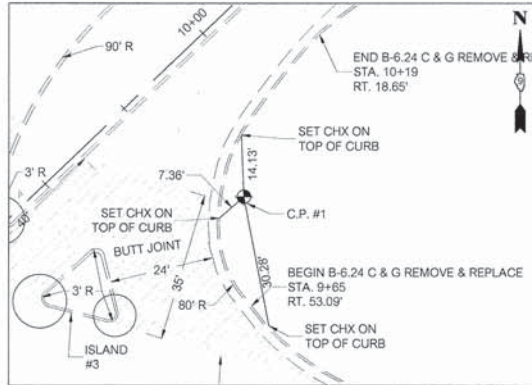
PAVEMENT												
STATION RANGE	HMA SURF REM 3/4 SQYD	HMA SURF REM 1 SQYD	HMA SURF REM 1 1/2 SQYD	HMA SURF REM 2 3/4 SQYD	HMA BC IL 12.5 N70 1 1/2 TON	HMA SC "D" N70 1 1/2 TON	HMA SHOULDERS 3 SQYD	HMA SHOULDERS TON	AGGREGATE SHLDS B TON	HMA SURF BUTT JT SQYD	CONC GUTTER TA SPL FT	AGG WEDGE SHLD TYPE B TON
9+00 TO 11+25				118	176	131		12		550		
11+25 TO 18+45			2014		272	154		24				84
21+97.45 TO 31+15	2457				428	200						316
31+15 TO 33+60	618				75	52	153				245	30
33+60 TO 51+25	4682				656	384						314
51+25 TO 58+25		2485			186	143		25				90
58+25 TO 75+00		6582			816	323		402				
75+00 TO 76+00		412			13	23		4				38
76+00 TO 85+75	2600				324	211						272
85+75 TO 86+76	270				34	13			10			28
86+76 TO 87+35	157				20	13						6
87+35 TO 87+55	53				6	4			2			30
87+55 TO 88+45	240				30	19			11			12
88+45 TO 90+00	413				51	33			11			32
90+00 TO 93+74.37	1412				125	80				107		104
TOTALS	12902	9479	2014	118	3212	1783	153	467	34	657	245	1356

CONTROL POINTS

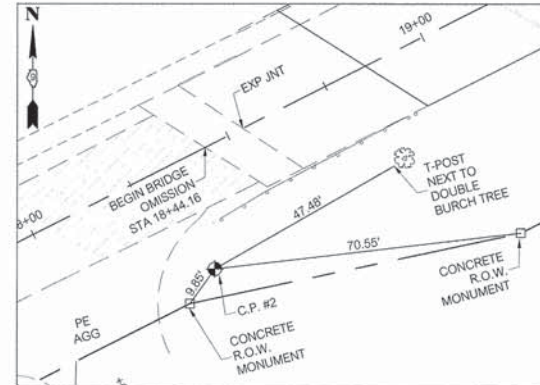
NUMBER	STATION	SIDE	TYPE	NORTHING	EASTING	ELEVATION
#1	9+81.04	33.58' RT	0.5" Ø IRON PIN	601707.598	825121.633	452.37
#2	18+33.54	25.95' RT	0.5" Ø IRON PIN	601988.217	825894.292	450.79
#3	26+04.76	21.19' RT	0.5" Ø IRON PIN	602382.460	826561.096	450.96
#4	37+47.73	21.73' LT	0.5" Ø IRON PIN	603368.527	827703.225	457.01
#5	46+61.52	34.64' LT	0.5" Ø IRON PIN	604100.399	827703.225	455.66
#6	65+28.18	25.83' LT	0.5" Ø IRON PIN	604805.214	829438.546	479.45
#7	77+01.01	22.03' RT	0.5" Ø IRON PIN	605158.602	830557.957	516.78
#8	83+49.65	19.34' LT	0.5" Ø IRON PIN	605405.523	831158.924	516.95
#9	93+11.35	47.74' RT	0.5" Ø IRON PIN	605732.185	832065.552	494.15

BENCHMARKS

NUMBER	STATION	SIDE	DESCRIPTION	ELEVATION
#1	21+42.15	19.91' LT	BRONZE DISC IN SIDEWALK	451.75
#2	25+93.25	65.00' RT	BOLT IN 'MUELLER' OF TOP FLANGE	448.89
#3	30+83.45	22.91' RT	BOLT IN 'MUELLER' OF TOP FLANGE	454.60
#4	35+02.39	49.81' RT	BOLT IN 'MUELLER' OF TOP FLANGE	458.84
#5	39+68.91	30.06' RT	BOLT IN 'MUELLER' OF TOP FLANGE	460.27
#6	45+10.37	32.62' RT	BOLT IN 'MUELLER' OF TOP FLANGE	459.80
#7	51+91.97	30.76' RT	BOLT IN 'MUELLER' OF TOP FLANGE	461.60
#8	58+16.87	32.41' RT	BOLT IN 'MUELLER' OF TOP FLANGE	466.04
#9	65+10.16	32.30' RT	BOLT IN 'MUELLER' OF TOP FLANGE	481.27
#10	69+84.03	22.27' RT	BOLT IN 'MUELLER' OF TOP FLANGE	496.90
#11	73+39.59	31.13' RT	BOLT IN 'MUELLER' OF TOP FLANGE	481.27
#12	77+81.47	31.81' RT	BOLT IN 'ALBERT' OF TOP FLANGE	518.92
#13	82+59.25	33.40' RT	BOLT IN 'MUELLER' OF TOP FLANGE	519.09
#14	87+81.01	31.42' RT	BOLT IN 'MUELLER' OF TOP FLANGE	512.94
#15	92+93.94	62.98' RT	S.E. BOLT OF TOP FLANGE	496.27



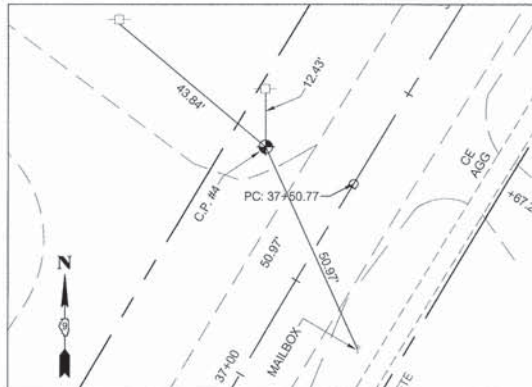
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CONTROL POINT #2



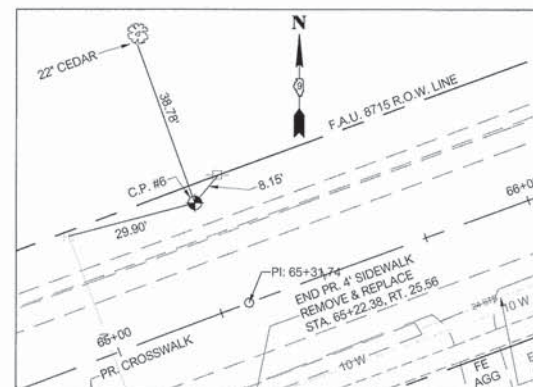
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CONTROL POINT #4



CONTROL POINT #5



CONTROL POINT #6



CONTROL POINT #7



CONTROL POINT #8



CONTROL POINT #9

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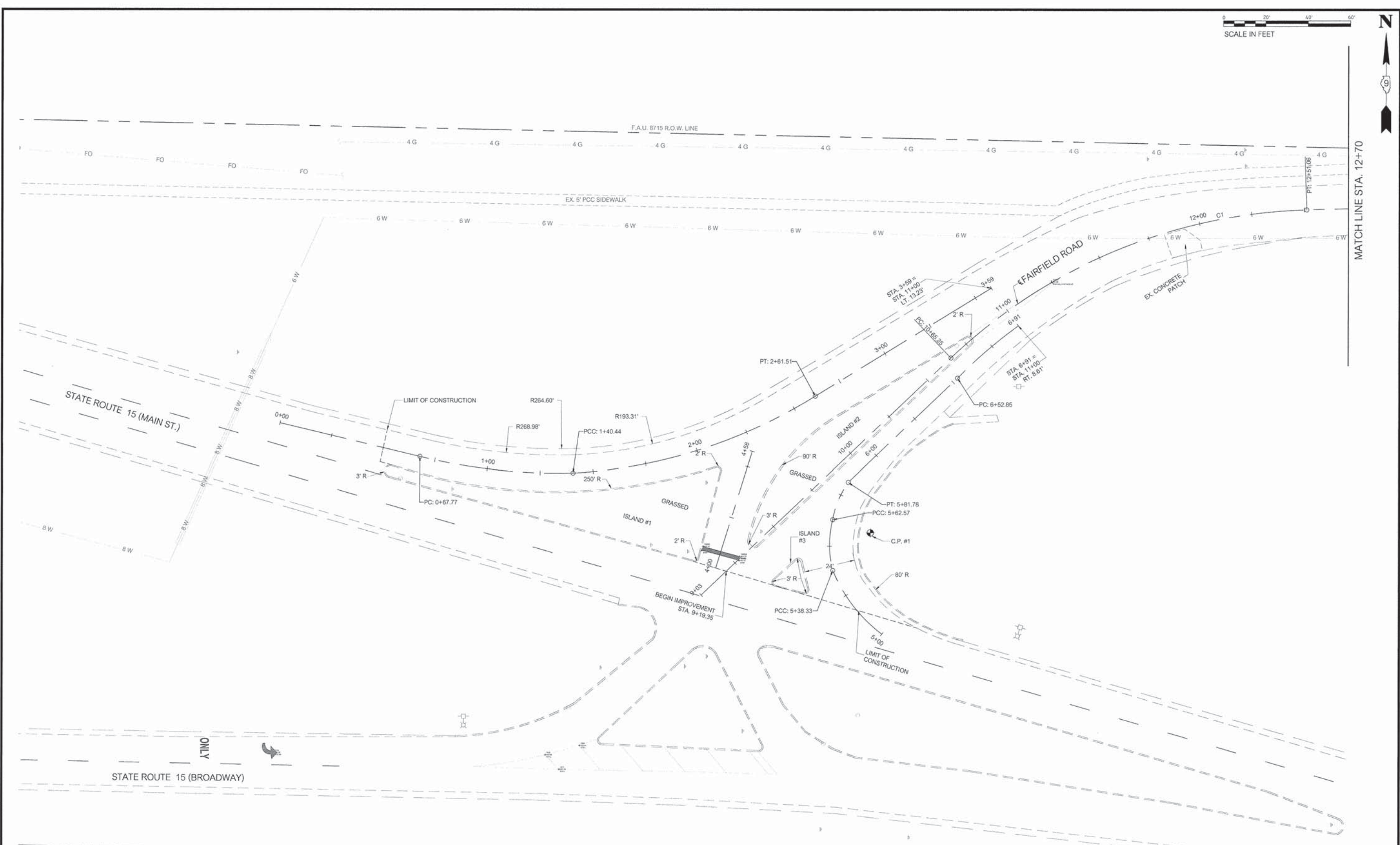
**Round Table Design** INC.  
 ARCHITECTURE - STRUCTURAL & PROFESSIONAL ENGINEERING - LAND SURVEYING  
 1000 MAIN STREET WYOMING IL 618 - 344 - 7979

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

CONTROL POINTS & BENCHMARKS	
SCALE: 1/1"	SHEET 1 OF 1 SHEETS

F.A.U. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8715 (FAIRFIELD ROAD)	14-0036-00-RS	JEFFERSON	33	8
		ILLINOIS	FEDERAL AID PROJECT	





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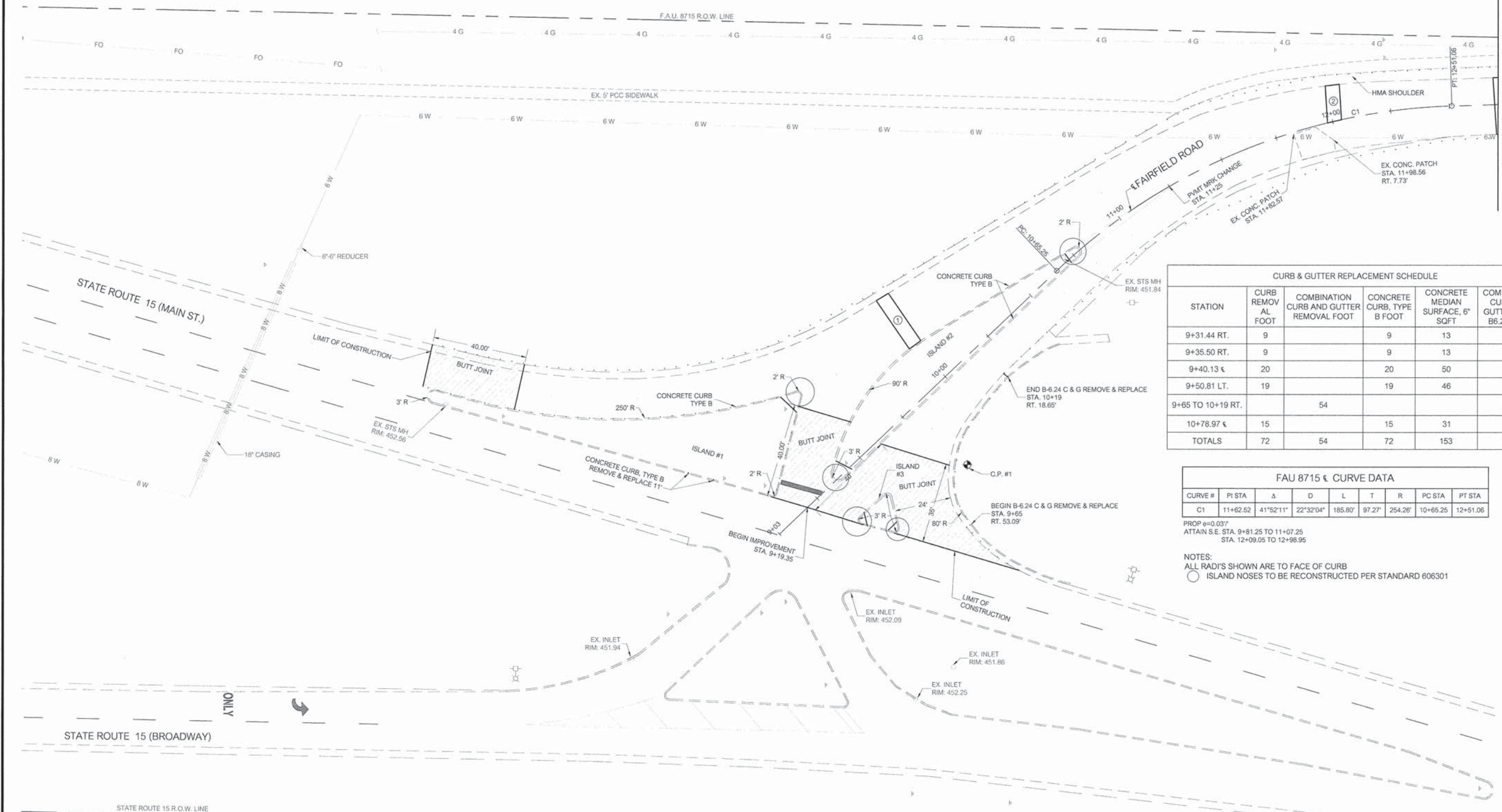
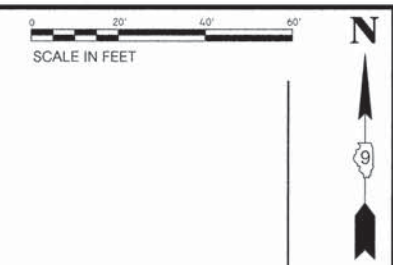
**Round Table Design** INC.  
 ARCHITECTURE - STRUCTURAL & PROFESSIONAL ENGINEERING - LAND SURVEYING  
 1025 MAIN STREET WYVERNOK, IL 618 - 244 - 7978

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

PLAN SHEET #1 ALIGNMENTS

SCALE: 1" = 40' SHEET 1 OF 1 SHEETS STA. 9+00 TO STA. 12+70

F.A.U. ROUTE 8715 (FAIRFIELD ROAD)	SECTION 14-00136-00-RS	COUNTY JEFFERSON	TOTAL SHEETS 33	SHEET NO. 9
ILLINOIS		FEDERAL AID PROJECT		



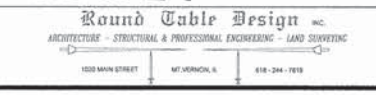
CURB & GUTTER REPLACEMENT SCHEDULE					
STATION	CURB REMOVAL FOOT	COMBINATION CURB AND GUTTER REMOVAL FOOT	CONCRETE CURB, TYPE B FOOT	CONCRETE MEDIAN SURFACE, 6" SQFT	COMBINATION CURB AND GUTTER, TYPE B6.24 FOOT
9+31.44 RT.	9		9	13	
9+35.50 RT.	9		9	13	
9+40.13 L.	20		20	50	
9+50.81 LT.	19		19	46	
9+65 TO 10+19 RT.		54			54
10+78.97 L.	15		15	31	
TOTALS	72	54	72	153	54

FAU 8715 CURVE DATA								
CURVE #	PI STA	Δ	D	L	T	R	PC STA	PT STA
C1	11+82.52	41°52'11"	22°32'04"	185.80'	97.27'	254.26'	10+65.25	12+51.06

PROP #=0.037  
 ATTAIN S.E. STA. 9+81.25 TO 11+07.25  
 STA. 12+09.05 TO 12+98.95

NOTES:  
 ALL RADII'S SHOWN ARE TO FACE OF CURB  
 ○ ISLAND NOSES TO BE RECONSTRUCTED PER STANDARD 606301

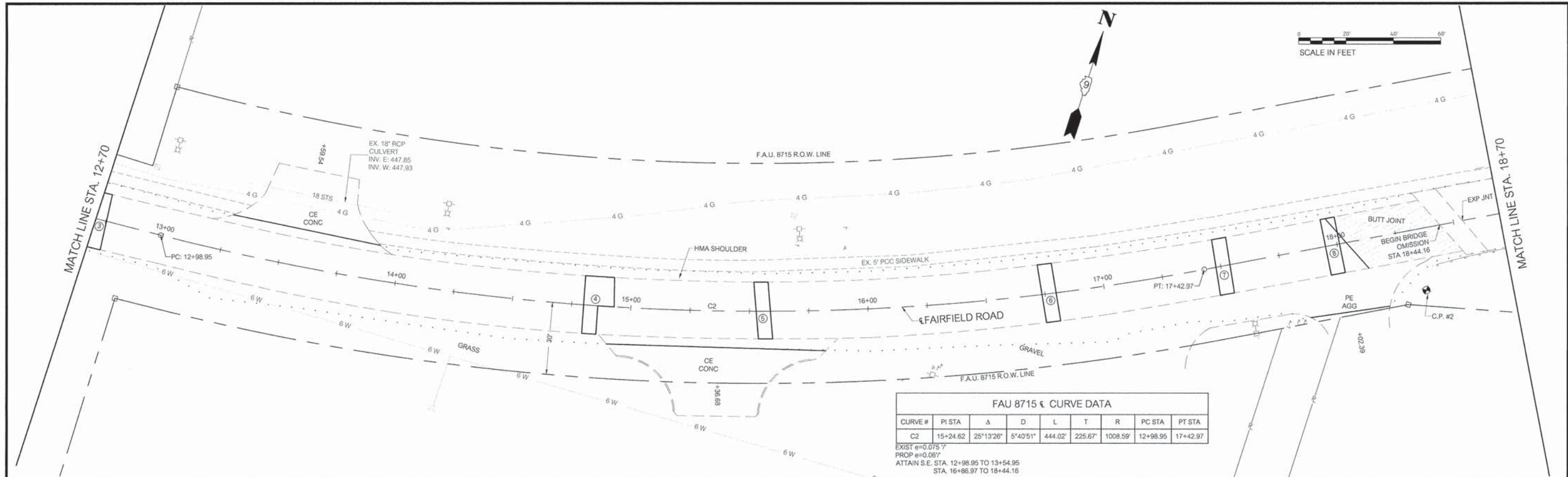
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STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

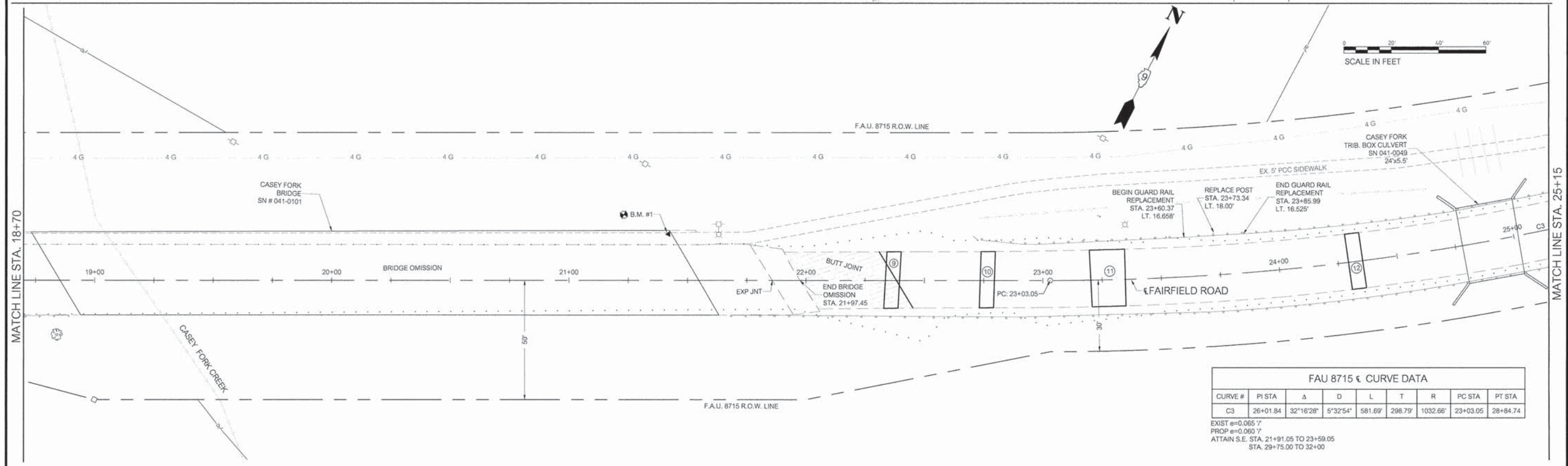
SCALE: 1/4" = 1'	SHEET 1 OF 8 SHEETS	STA. 9+05 TO STA. 12+70
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F.A.U. ROUTE 8715 (FAIRFIELD ROAD)	SECTION 14-00156-00-RS	COUNTY JEFFERSON	TOTAL SHEETS 35	SHEET NO. 10
CONTRACT NO. 99555			ILLINOIS FEDERAL AID PROJECT	



FAU 8715 κ CURVE DATA								
CURVE #	PI STA	Δ	D	L	T	R	PC STA	PT STA
C2	15+24.62	25°13'26"	5°40'51"	444.02'	225.67'	1008.59'	12+98.95	17+42.97

EXIST e=0.075' /  
 PROP e=0.067' /  
 ATTAIN S.E. STA. 12+98.95 TO 13+54.95  
 STA. 16+86.97 TO 18+44.16

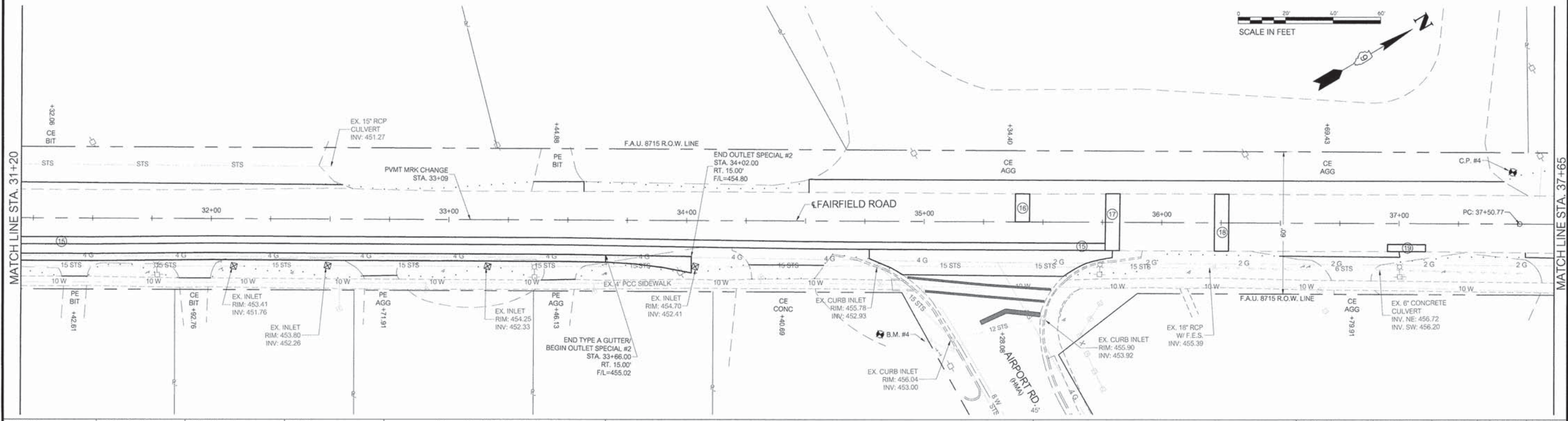
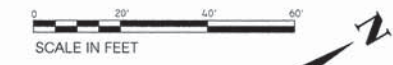
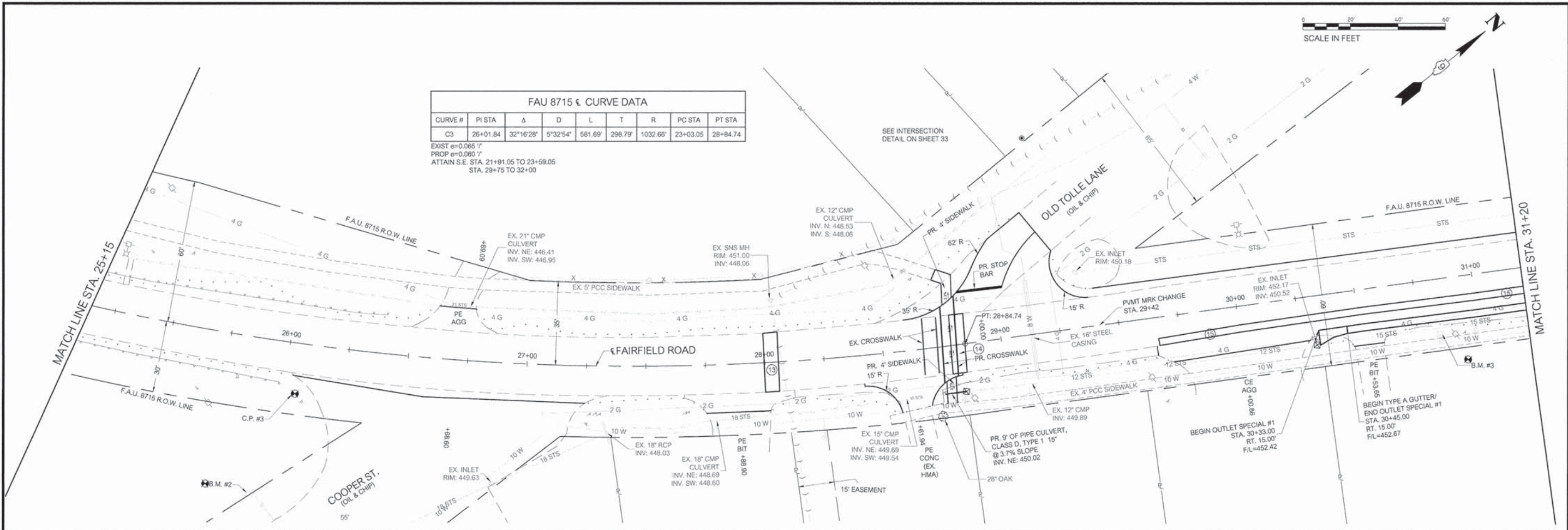
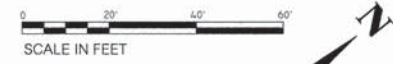


FAU 8715 κ CURVE DATA								
CURVE #	PI STA	Δ	D	L	T	R	PC STA	PT STA
C3	26+01.84	32°16'28"	5°32'54"	581.69'	298.79'	1032.66'	23+03.05	28+84.74

EXIST e=0.065' /  
 PROP e=0.060' /  
 ATTAIN S.E. STA. 21+91.05 TO 23+59.05  
 STA. 29+75.00 TO 32+00

FAU 8715 CURVE DATA								
CURVE #	PI STA	Δ	D	L	T	R	PC STA	PT STA
C3	26+01.84	32°16'28"	5°32'54"	581.69'	298.79'	1032.66'	23+03.05	28+84.74

EXIST  $e=0.0657'$   
 PROP  $e=0.0607'$   
 ATTAIN S.E. STA. 21+91.05 TO 23+59.05  
 STA. 29+75 TO 32+00



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PLOT SCALE = 20.0000' / IN.	CHECKED - ADM	REVISED -	REVISED -
PLOT DATE = 2/14/2016	DATE = 2/3/2016	REVISED -	REVISED -

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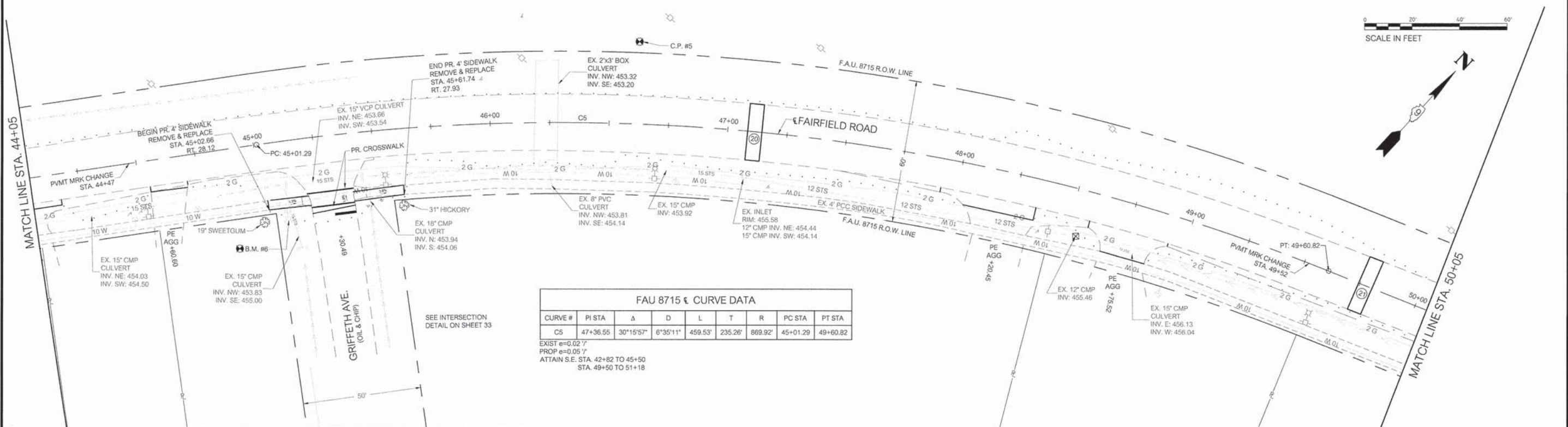
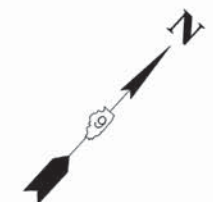
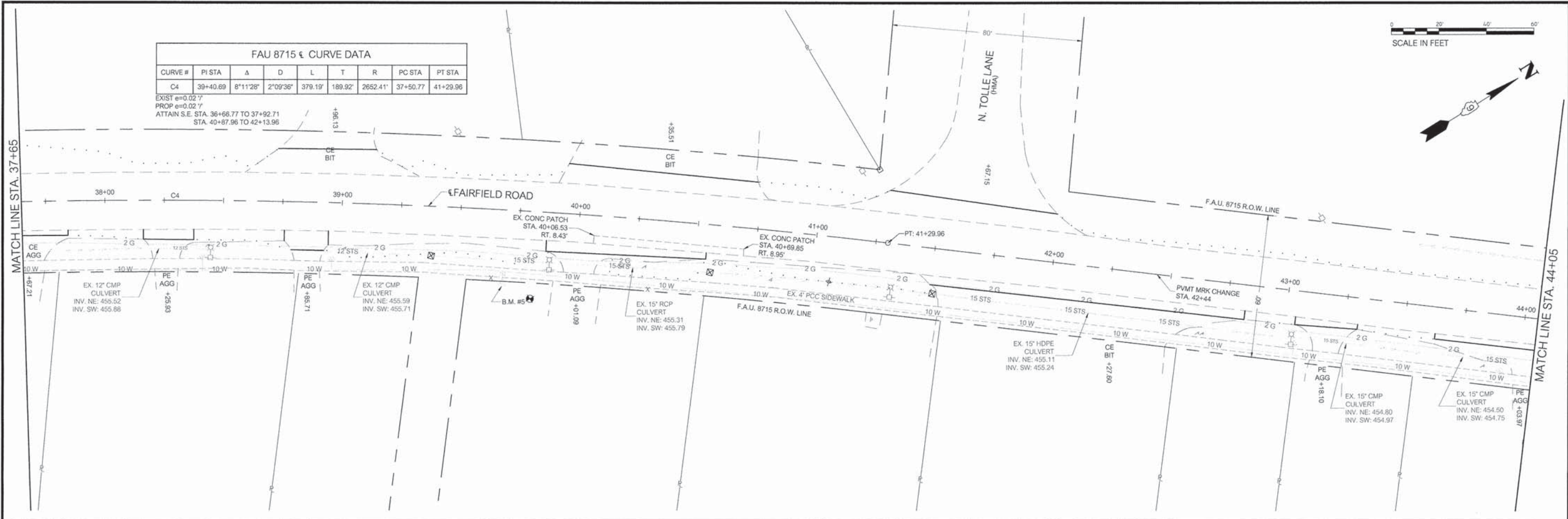
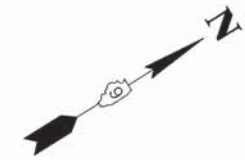
STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

PLAN SHEET  
 SCALE: 1" = 40'  
 SHEET 3 OF 8 SHEETS  
 STA 25+15 TO STA 37+65

F.A.U. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8715 (FAIRFIELD ROAD)	14-00130-00-RS	JEFFERSON	33	12
CONTRACT NO. 99555			ILLINOIS FEDERAL AID PROJECT	

FAU 8715 € CURVE DATA								
CURVE #	PI STA	Δ	D	L	T	R	PC STA	PT STA
C4	39+40.69	8°11'28"	2'09'36"	379.19'	189.92'	2652.41'	37+50.77	41+29.96

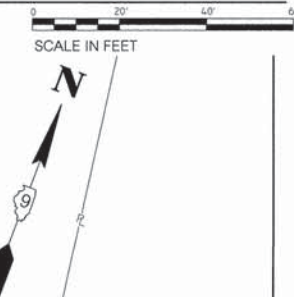
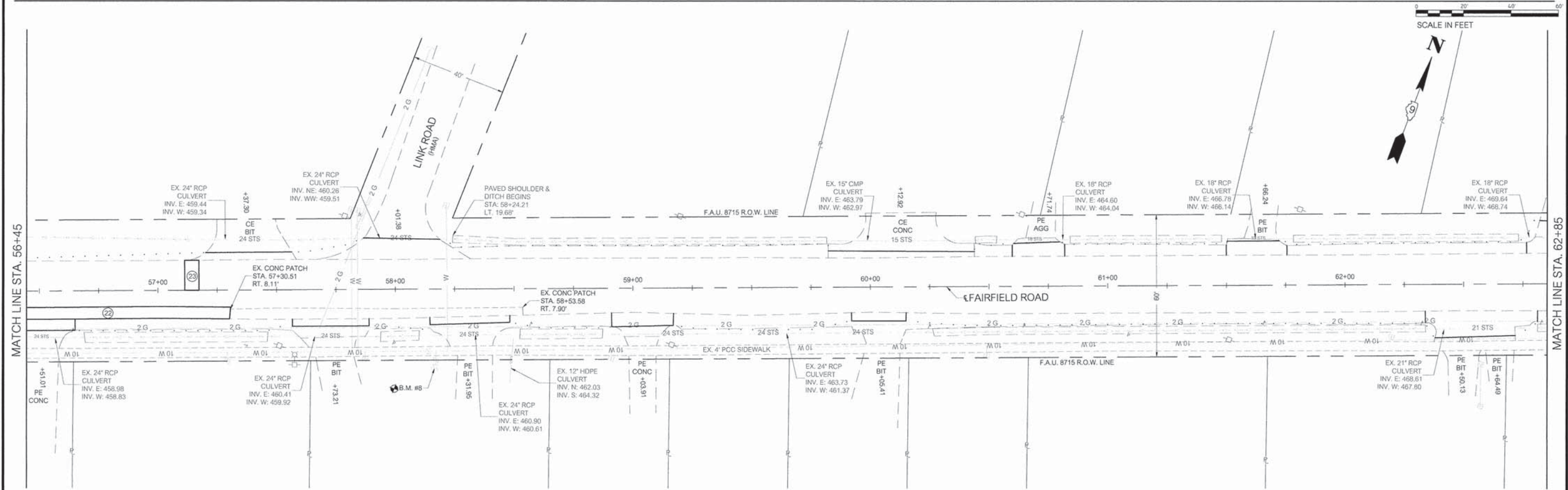
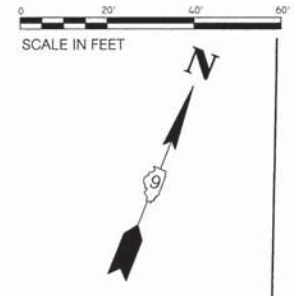
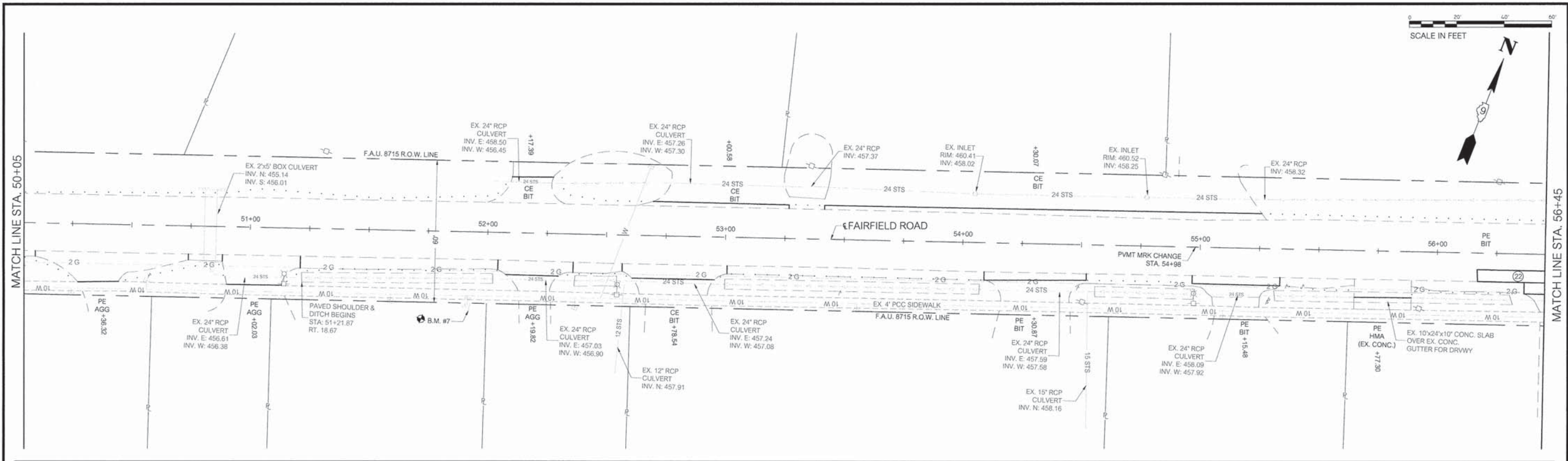
EXIST e=0.02 %  
 PROP e=0.02 %  
 ATTAIN S.E. STA. 36+66.77 TO 37+92.71  
 STA. 40+87.96 TO 42+13.96



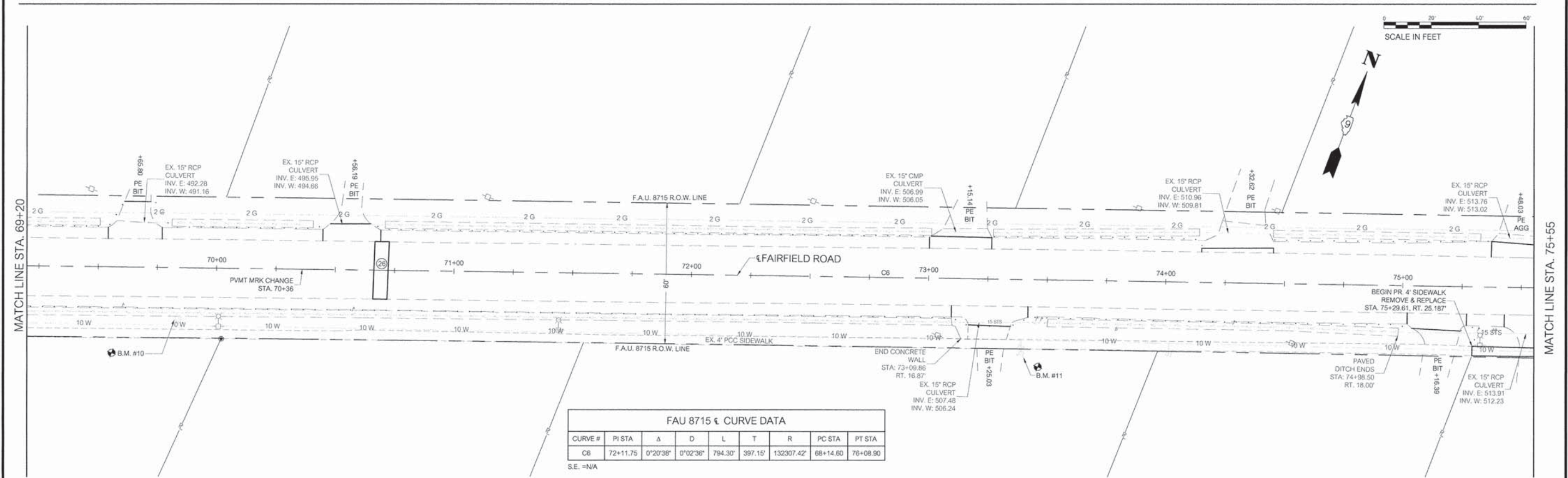
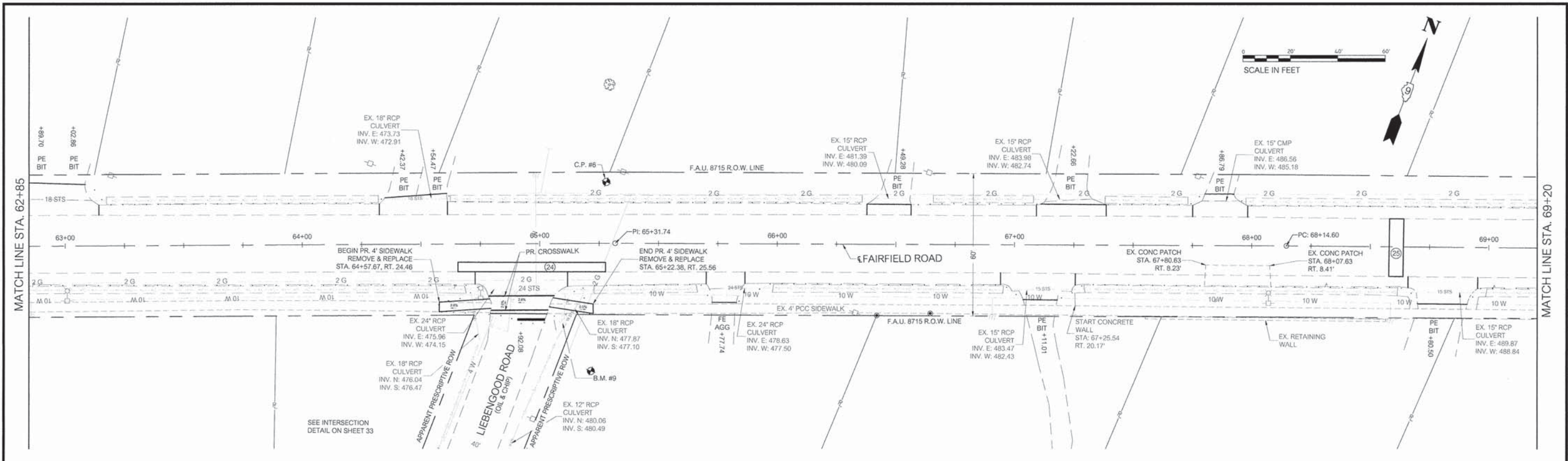
FAU 8715 € CURVE DATA								
CURVE #	PI STA	Δ	D	L	T	R	PC STA	PT STA
C5	47+36.55	30°15'57"	6'35'11"	459.53'	235.26'	869.92'	45+01.29	49+60.82

EXIST e=0.02 %  
 PROP e=0.05 %  
 ATTAIN S.E. STA. 42+82 TO 45+50  
 STA. 49+50 TO 51+18

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PLOT SCALE = 20.0000" / IN.	DRAWN - BLL	CHECKED - ADM	REVISED -				8715 (FAIRFIELD ROAD)	IL-0036-00-RS	JEFFERSON	33	13
PLOT DATE = 2/1/2016	DATE = 2/3/2016	REVISED -	REVISED -				CONTRACT NO. 99555		ILLINOIS FEDERAL AID PROJECT		



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		DRAWN - BLL	REVISD -		SCALE: 1/1"		SHEET 5 OF 8 SHEETS		715 (FAIRFIELD ROAD)	IL-00136-00-RS	JEFFERSON	33	16
		CHECKED - ADM	REVISD -		STA. 50+05 TO STA. 62+85		CONTRACT NO. 99555				ILLINOIS		
		DATE - 2/3/2016	REVISD -		FEDERAL AID PROJECT		CONTRACT NO. 99555						



**FAU 8715 CURVE DATA**

CURVE #	PI STA	Δ	D	L	T	R	PC STA	PT STA
C6	72+11.75	0°20'38"	0°02'36"	794.30'	397.15'	132307.42'	68+14.60	76+08.90

S.E. = N/A

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		CHECKED - ADM	REVISED -
		DATE - 2/3/2016	REVISED -

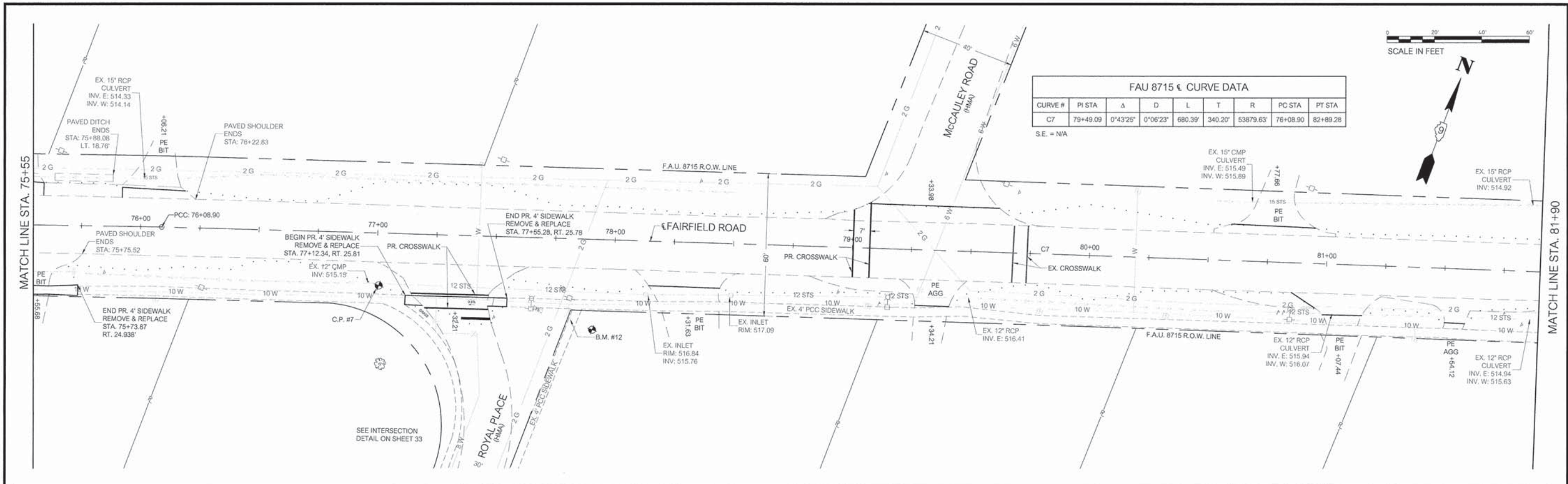


**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

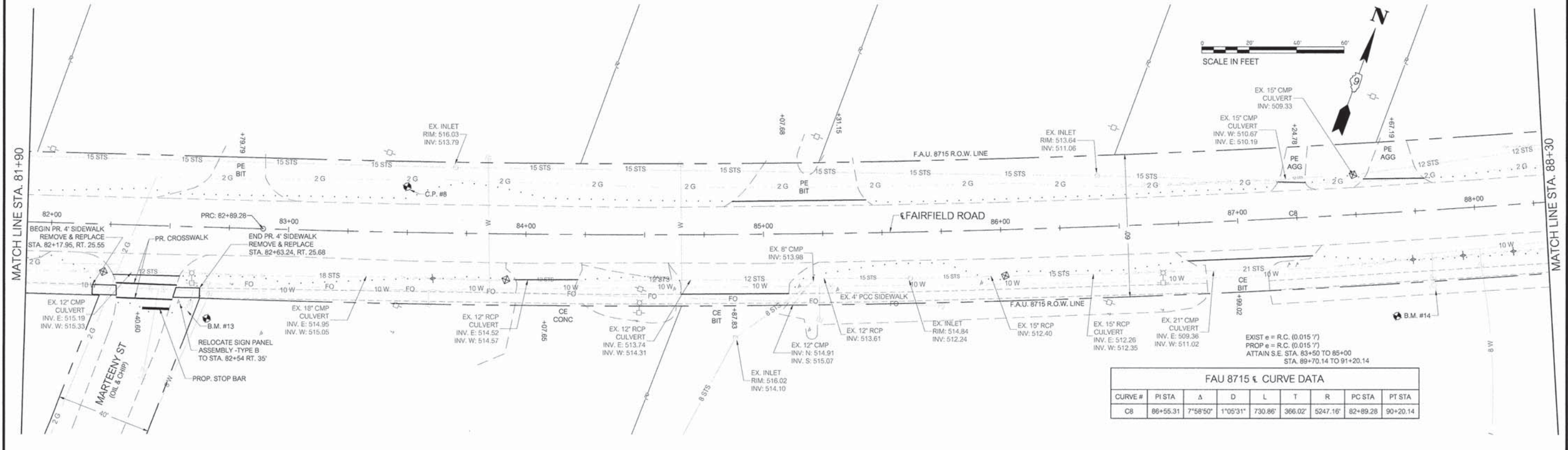
PLAN SHEET

SCALE: 1" = 40'  
SHEET 6 OF 8 SHEETS  
STA. 62+85 TO STA. 75+55

F.A.U. ROUTE 8715 (FAIRFIELD ROAD)	SECTION 14-00156-00-RS	COUNTY JEFFERSON	TOTAL SHEETS 33	SHEET NO. 15
CONTRACT NO. 99555			ILLINOIS FEDERAL AID PROJECT	



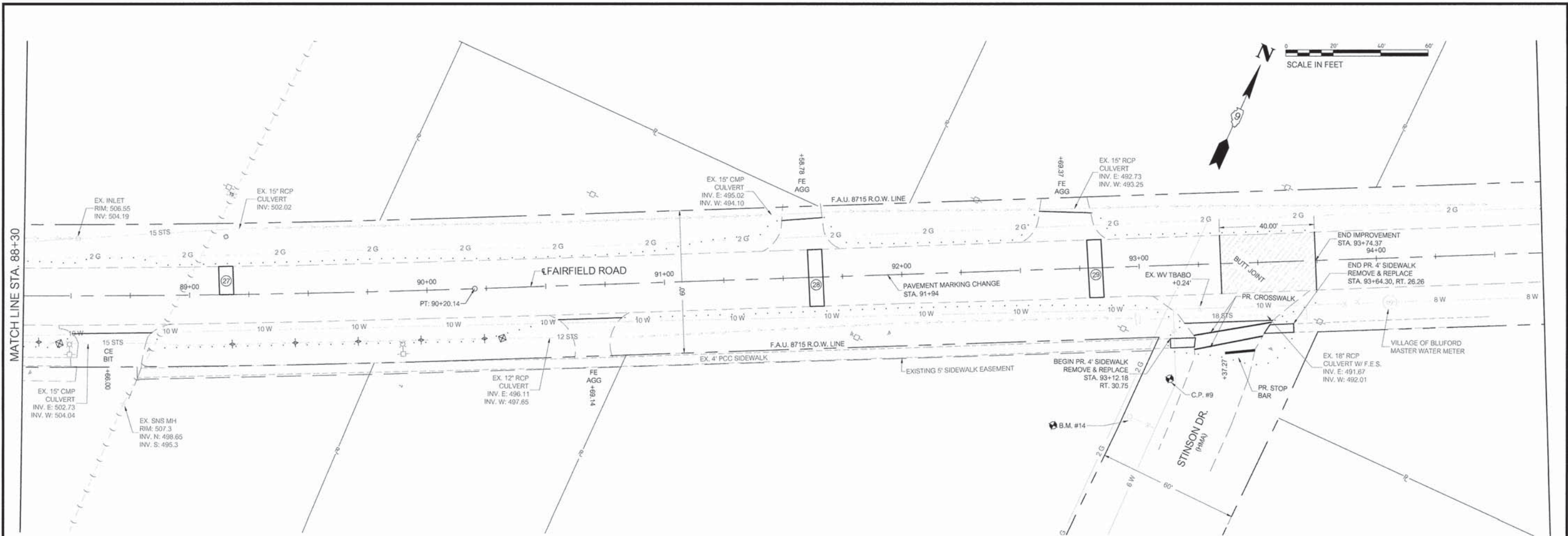
FAU 8715 € CURVE DATA									
CURVE #	PI STA	Δ	D	L	T	R	PC STA	PT STA	
C7	79+49.09	0°43'25"	0°06'23"	680.39'	340.20'	53879.63'	76+08.90	82+89.28	
S.E. = N/A									



FAU 8715 € CURVE DATA									
CURVE #	PI STA	Δ	D	L	T	R	PC STA	PT STA	
C8	86+55.31	7°58'50"	1°05'31"	730.86'	366.02'	5247.16'	82+89.28	90+20.14	







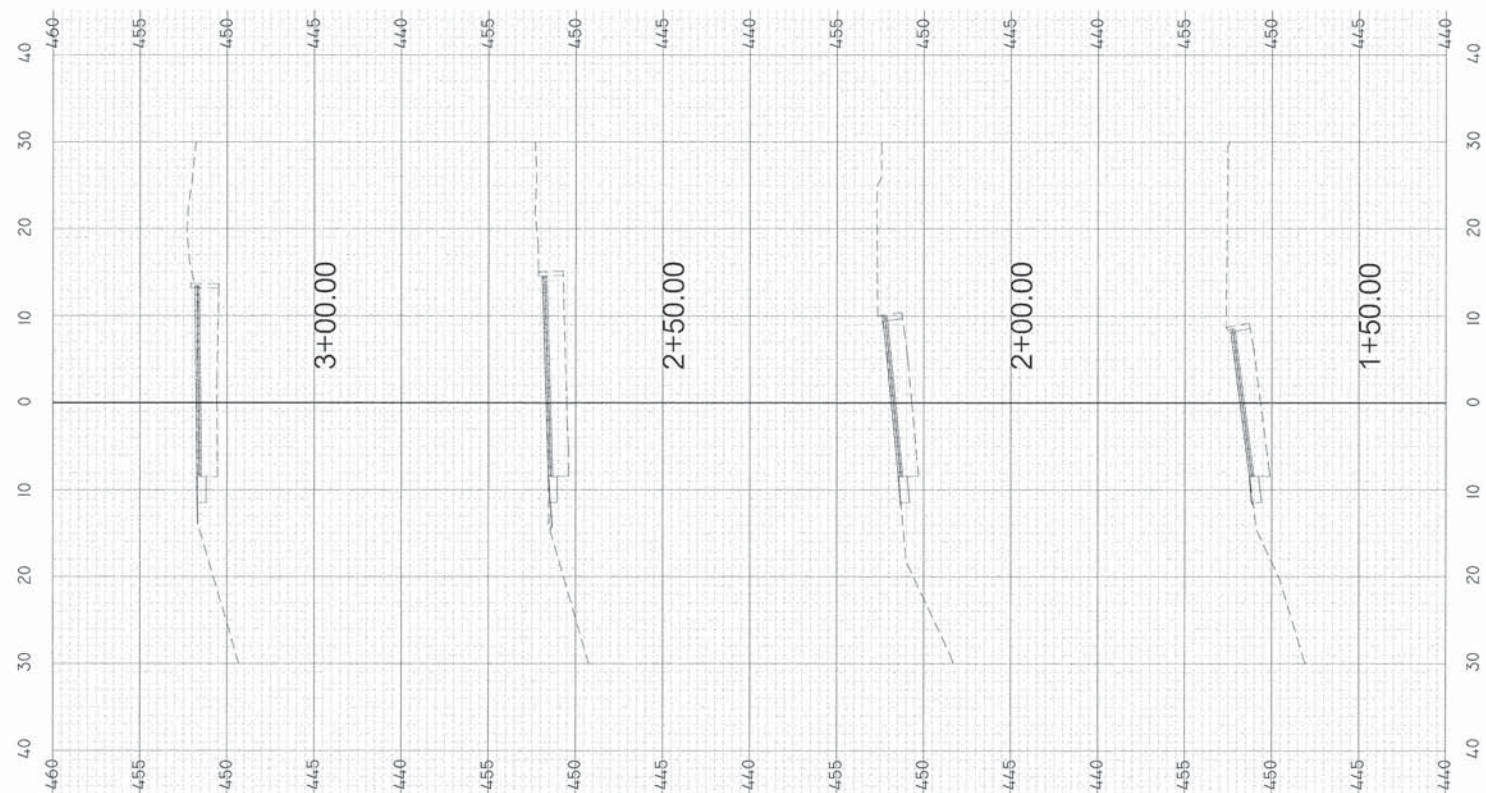
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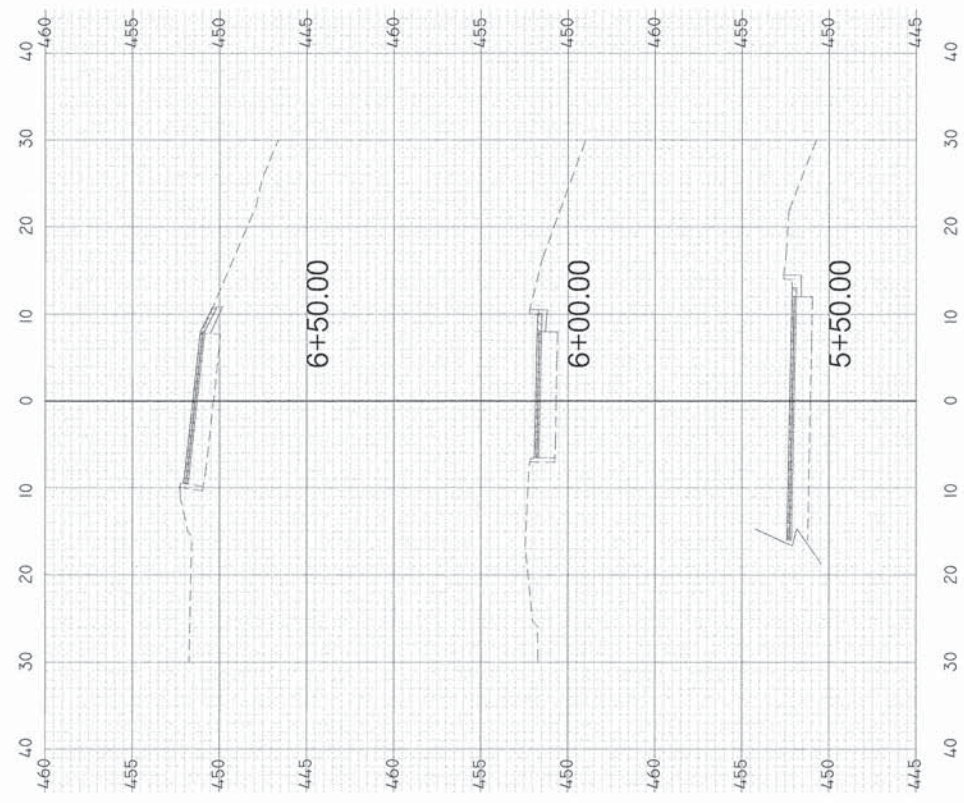
**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

PLAN SHEET	
SCALE: 1" = 20'	SHEET 8 OF 8 SHEETS
STA. 88+30	TO STA. 94+70

F.A.U. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8715 (FAIRFIELD ROAD)	14-0036-00-RS	JEFFERSON	33	17
CONTRACT NO. 99555			ILLINOIS FEDERAL AID PROJECT	



WEST BOUND LANE OF FAIRFIELD ROAD TO ROUTE 15 (ALL WITHIN EXISTING R.O.W.).



EAST BOUND LANE OF FAIRFIELD ROAD TO ROUTE 15 (ALL WITHIN EXISTING R.O.W.).

FILE NAME = J:\2015\151550\151550.DWG	USER NAME = BLEWIS	DESIGNED - DLK	REVISED -
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PLOT DATE = 2/1/2016	DATE - 2/3/2016		REVISED -

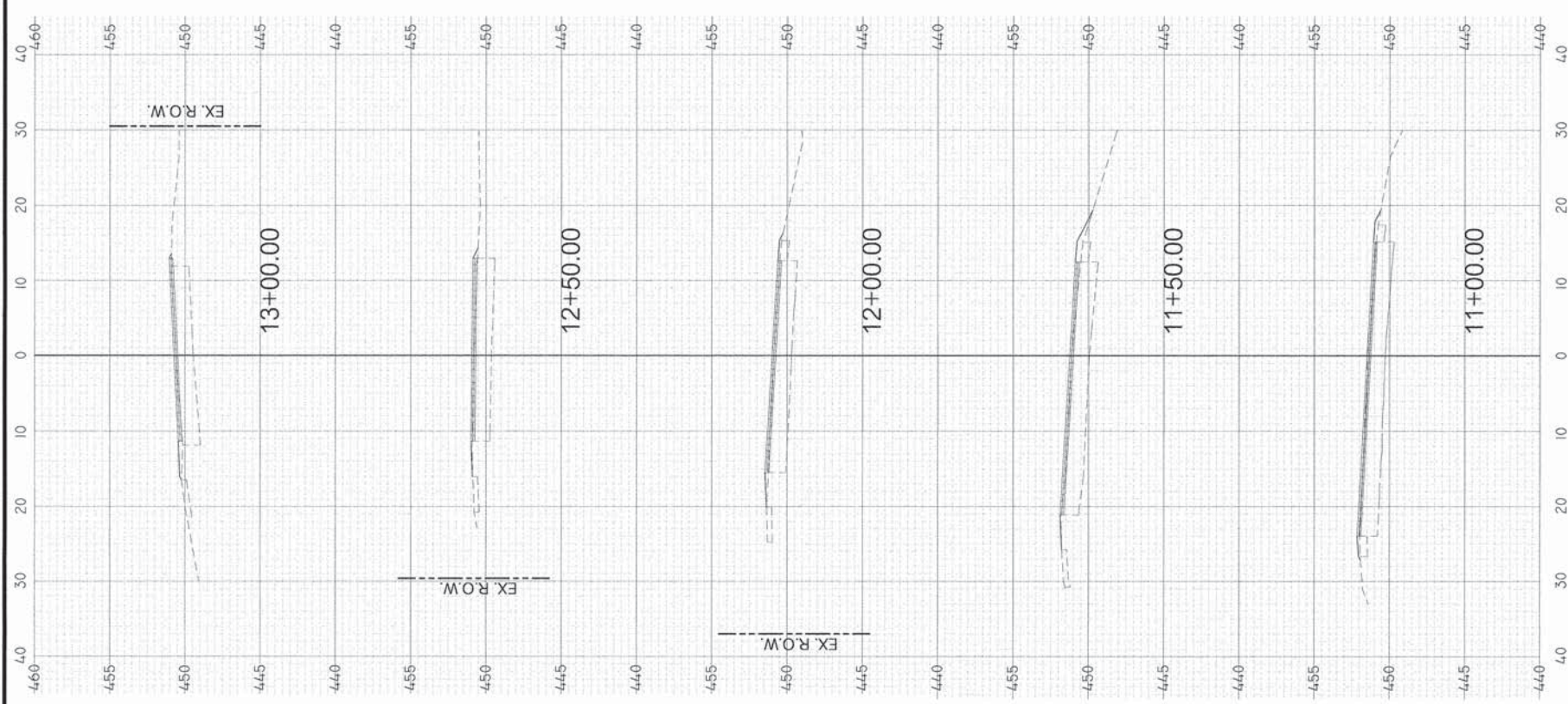
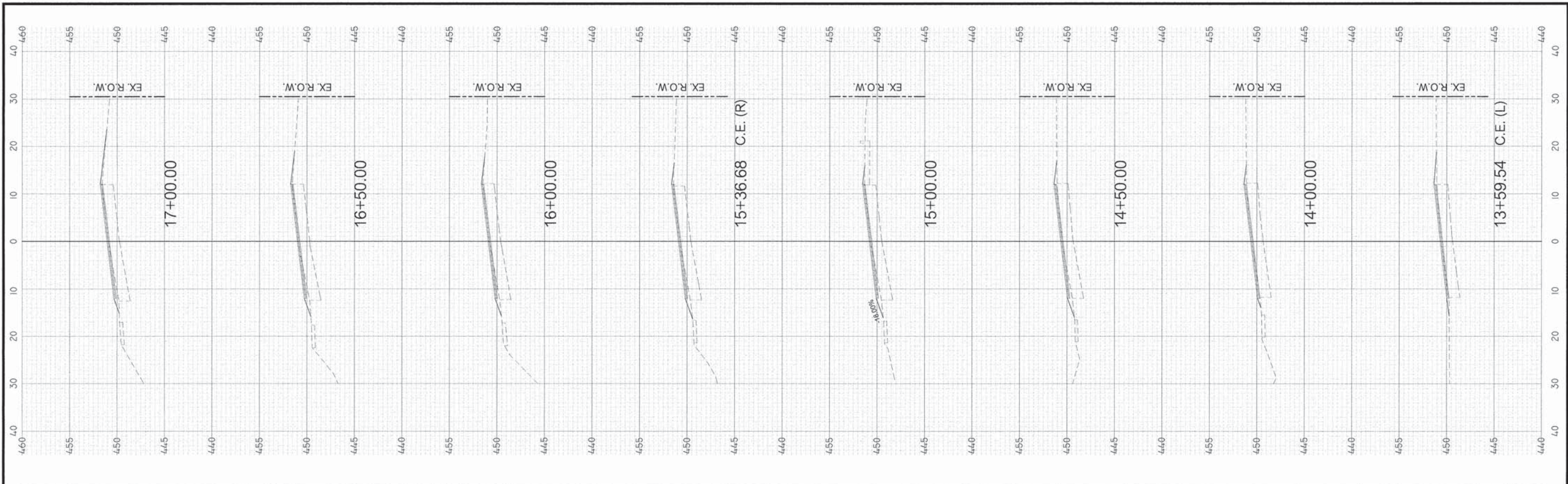


STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS FOR SHEET 9 ALIGNMENTS

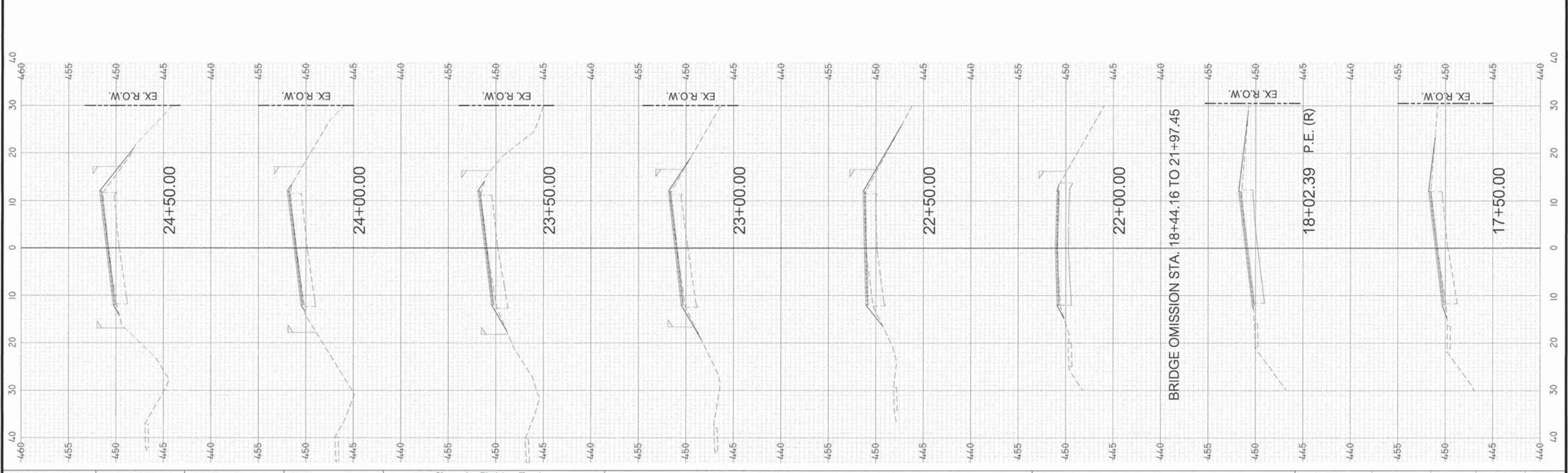
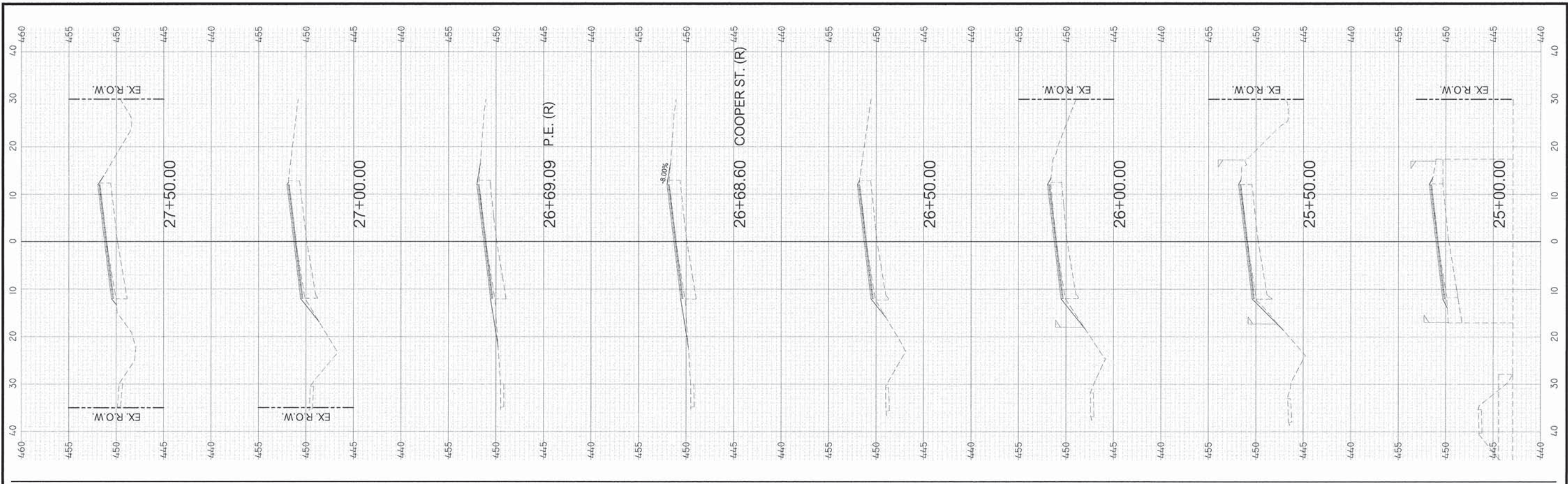
SCALE: 1/1"	SHEET 1 OF 1 SHEETS	STA. 1+50 TO STA. 6+50
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F.A.U. ROUTE 8715 (FAIRFIELD ROAD)	SECTION 14-0036-00-RS	COUNTY JEFFERSON	TOTAL SHEETS 33	SHEET NO. 18
CONTRACT NO. 99555			ILLINOIS FEDERAL AID PROJECT	



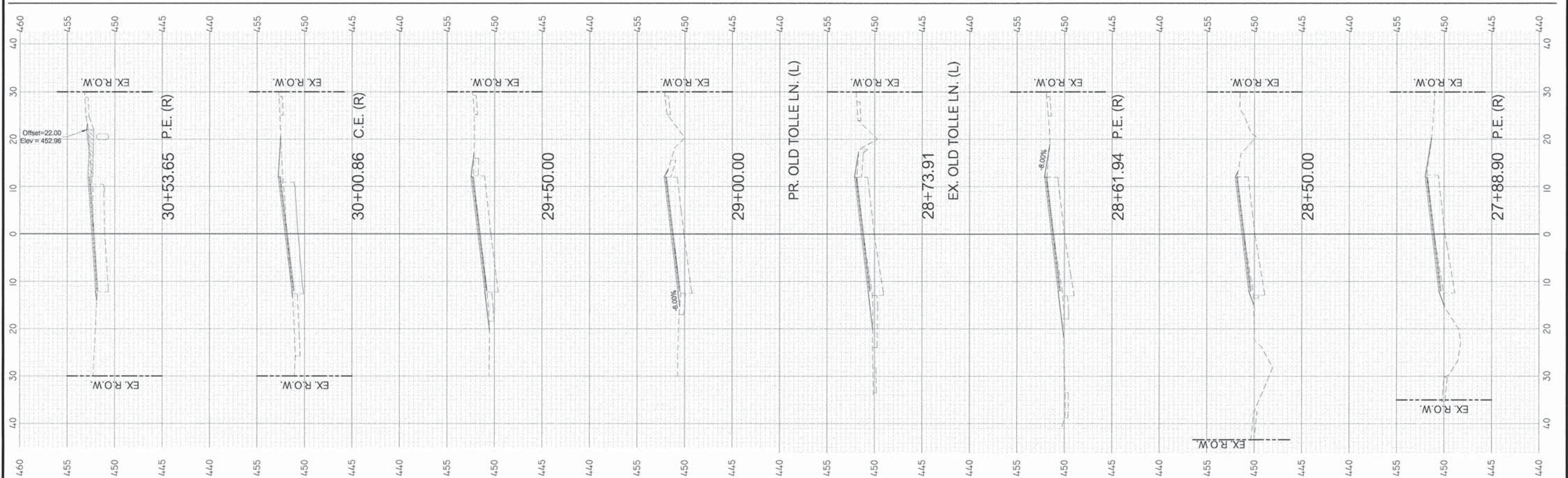
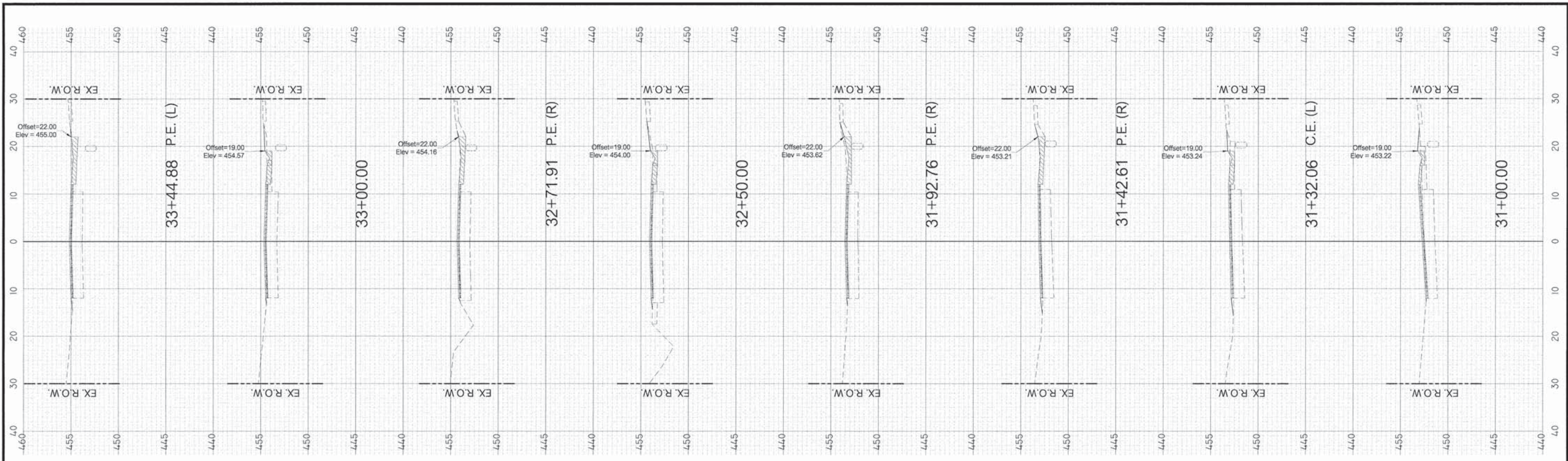
FAIRFIELD ROAD  
 WEST BOUND LANE STA. 3+59 = 11+00  
 EAST BOUND LANE STA. 6+91 = 11+00  
 (ALL WORK WITHIN EXISTING R.O.W.)

FILE NAME = J:\2015\151550\151550.DWG USER NAME = BLEWIS FLOT SCALE = 10,000' / IN. FLOT DATE = 2/14/2016	DESIGNED - DLK DRAWN - BLL CHECKED - AQM DATE - 2/3/2016	REVISED - REVISED - REVISED -	<b>Round Table Design</b> inc. ARCHITECTURE - STRUCTURAL & PROFESSIONAL ENGINEERING - LAND SURVEYING 1009 MAIN STREET MT VERNON IL 61850-2411 815-241-7919	<b>STATE OF ILLINOIS</b> <b>DEPARTMENT OF TRANSPORTATION</b>	CROSS SECTIONS SCALE: 1:1 SHEET 1 OF 14 SHEETS STA. 11+00 TO STA. 17+00	<table border="1"> <tr> <th>F.A.U. ROUTE</th> <th>SECTION</th> <th>COUNTY</th> <th>TOTAL SHEETS</th> <th>SHEET NO.</th> </tr> <tr> <td>8715 (FAIRFIELD ROAD)</td> <td>14-00156-00-RS</td> <td>JEFFERSON</td> <td>33</td> <td>19</td> </tr> <tr> <td colspan="3">ILLINOIS</td> <td colspan="2">CONTRACT NO. 99555</td> </tr> <tr> <td colspan="5">FEDERAL AID PROJECT</td> </tr> </table>	F.A.U. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	8715 (FAIRFIELD ROAD)	14-00156-00-RS	JEFFERSON	33	19	ILLINOIS			CONTRACT NO. 99555		FEDERAL AID PROJECT				
F.A.U. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.																						
8715 (FAIRFIELD ROAD)	14-00156-00-RS	JEFFERSON	33	19																						
ILLINOIS			CONTRACT NO. 99555																							
FEDERAL AID PROJECT																										

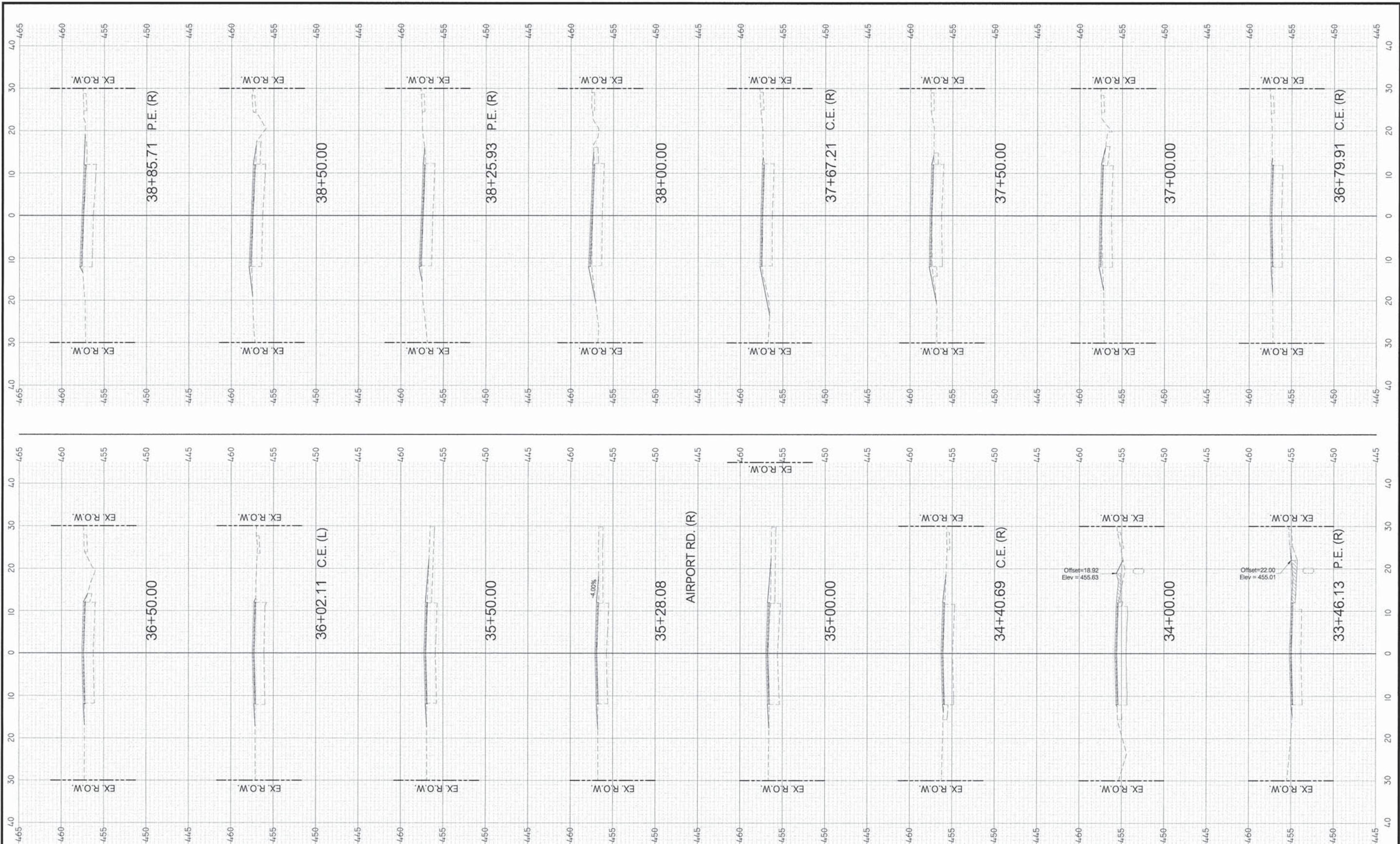


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		DRAWN - BLL	REVISD -				8715 (FAIRFIELD ROAD)	14-00136-00-RS	JEFFERSON	33	20
		CHECKED - ADM	REVISD -				CONTRACT NO. 99555				
		DATE - 2/3/2016	REVISD -				ILLINOIS	FEDERAL AID PROJECT			

SCALE: 1:1 SHEET 2 OF 14 SHEETS STA. 17+50 TO STA. 27+50



FILE NAME = J:\2015\1151550\1151550.DWG	USER NAME = BLEWIS	DESIGNED = DLK	REVISOR =	<p>Round Table Design ARCHITECTURE - STRUCTURAL &amp; PROFESSIONAL ENGINEERING - LAND SURVEYING 1000 MAIN STREET   MT VERNON, IL   815-744-7919</p>	<p>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</p>		<p>CROSS SECTIONS</p>		F.A.U. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
PLOT SCALE = 10.0000' / IN.	DRAWN = BLL	CHECKED = ADM	REVISOR =						8715 (FAIRFIELD ROAD)	14-00136-00-RS	JEFFERSON	33	21
PLOT DATE = 2/4/2016	DATE = 2/3/2016	REVISOR =	REVISOR =						CONTRACT NO. 99555				
									ILLINOIS	FEDERAL AID PROJECT			



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 PLOT DATE = 2/14/2016

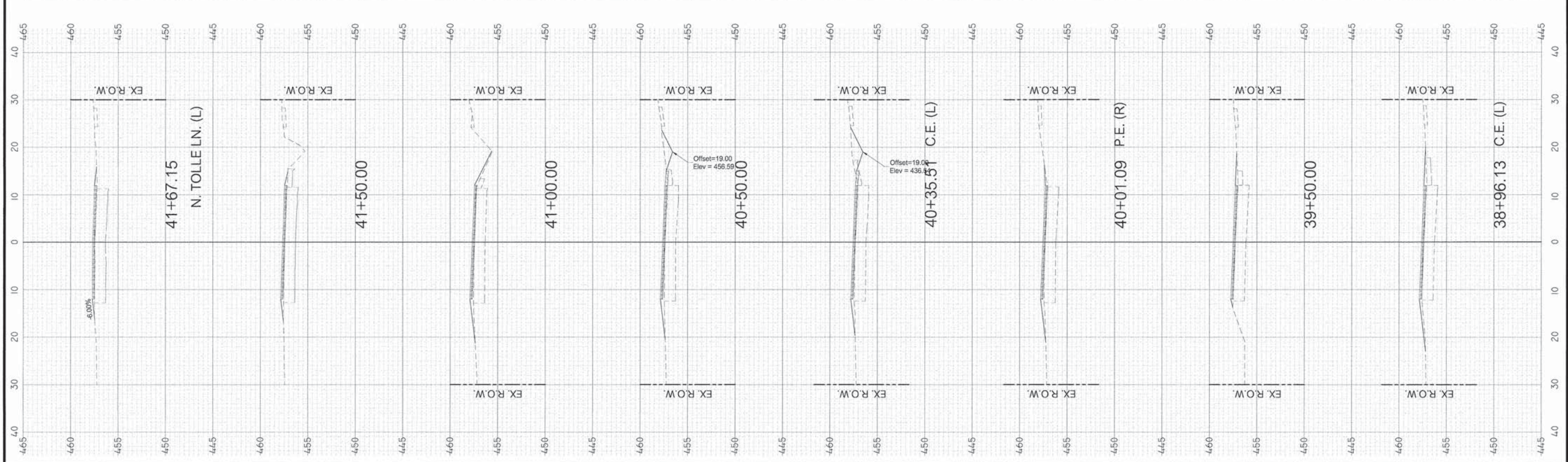
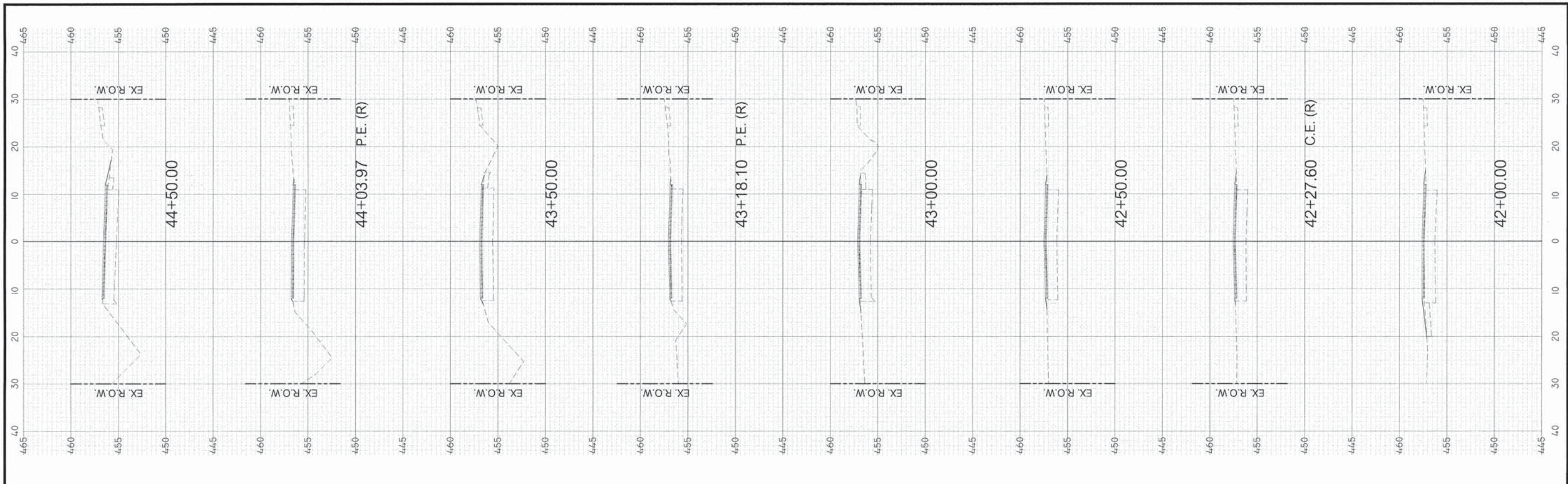
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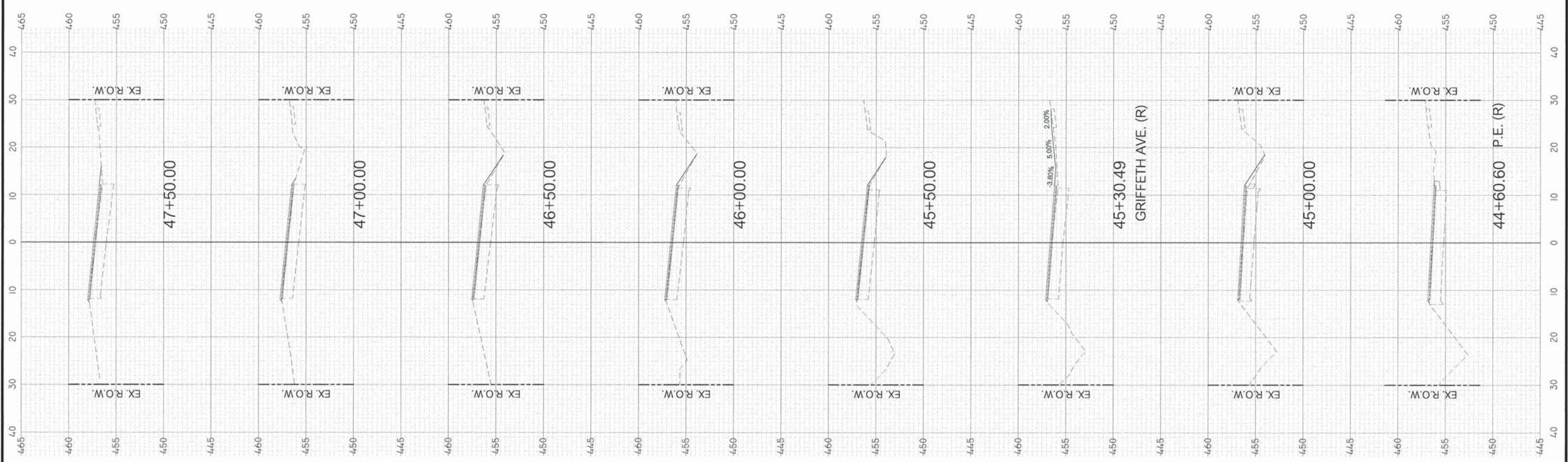
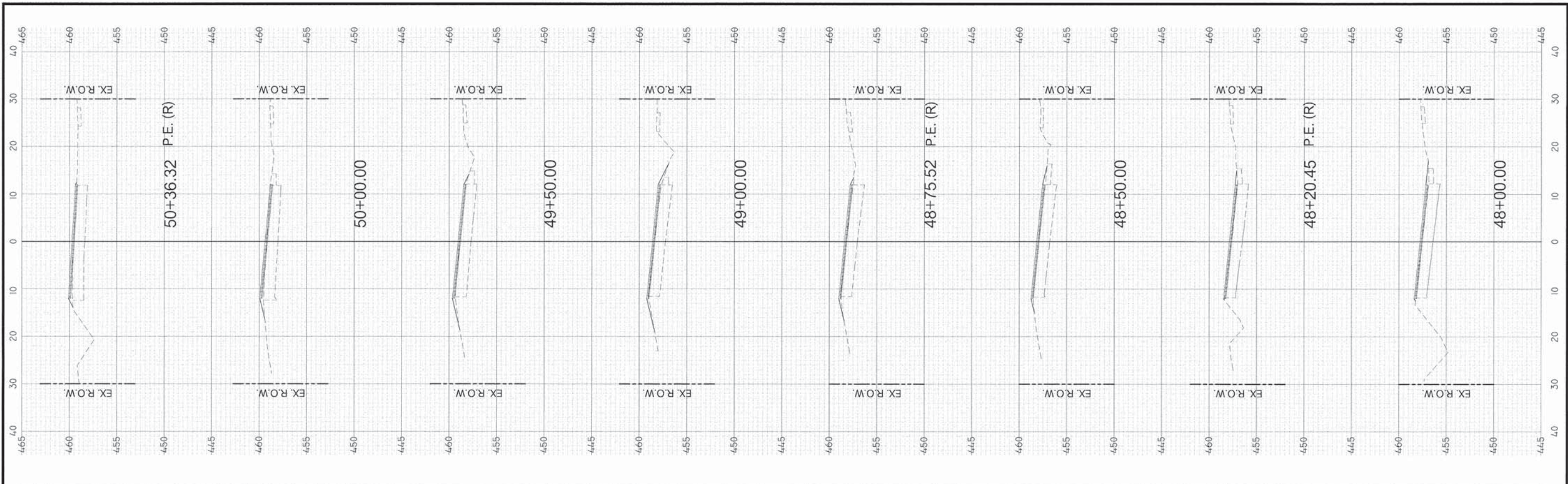
STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS  
 SCALE: 1:1  
 SHEET 4 OF 14 SHEETS  
 STA. 33+46.13 TO STA. 38+85.71

F.A.U. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8715 (FAIRFIELD ROAD)	IL-00136-00-RS	JEFFERSON	33	22
ILLINOIS			CONTRACT NO. 99555	
FEDERAL AID PROJECT				

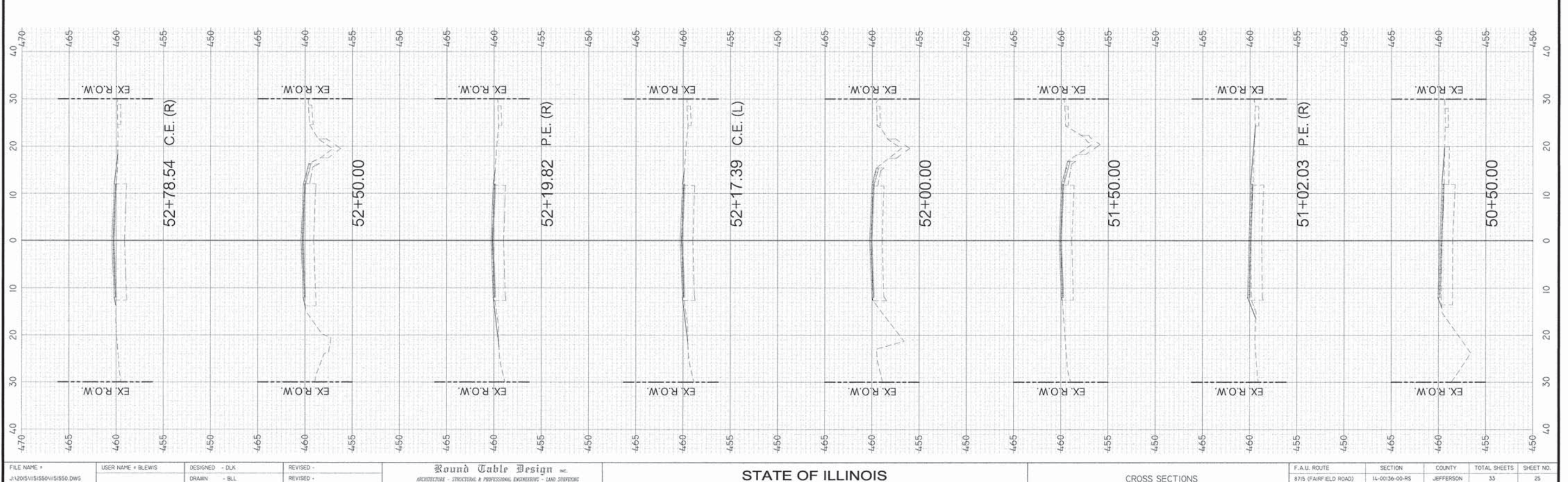
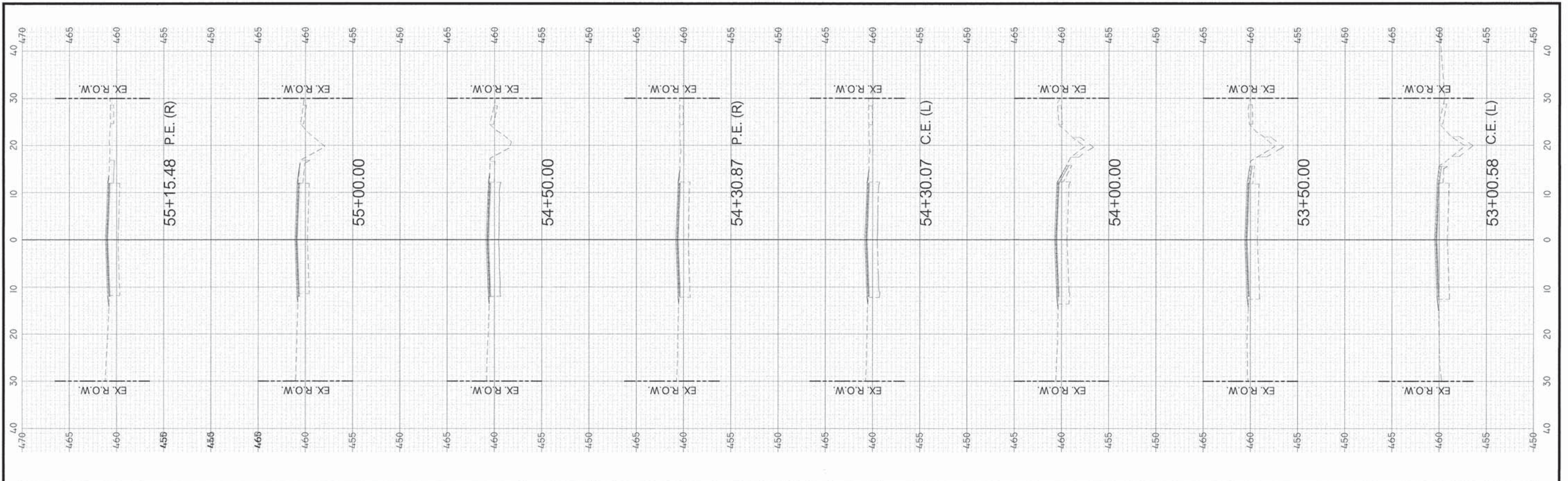


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PLOT SCALE = 10.0000' / IN.	DRAWN - BLL	REVISED -	8715 (FAIRFIELD ROAD)						14-0016-00-RS	JEFFERSON	33	23	
PLOT DATE = 2/4/2016	CHECKED - ADM	REVISED -	CONTRACT NO. 99555										
DATE - 2/2/2016	REVISED -	ILLINOIS FEDERAL AID PROJECT											



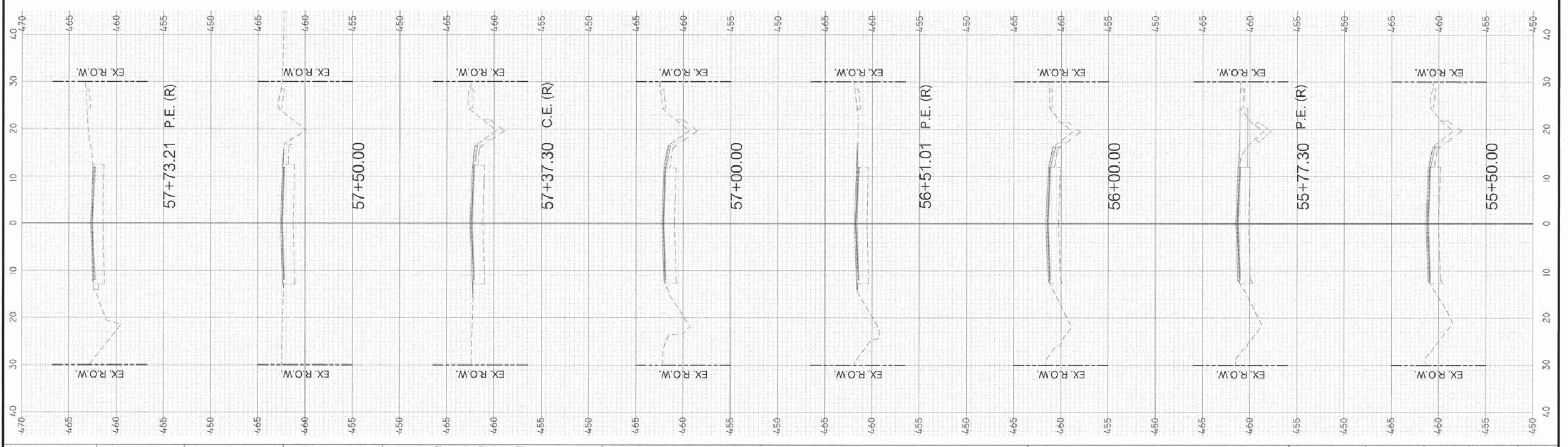
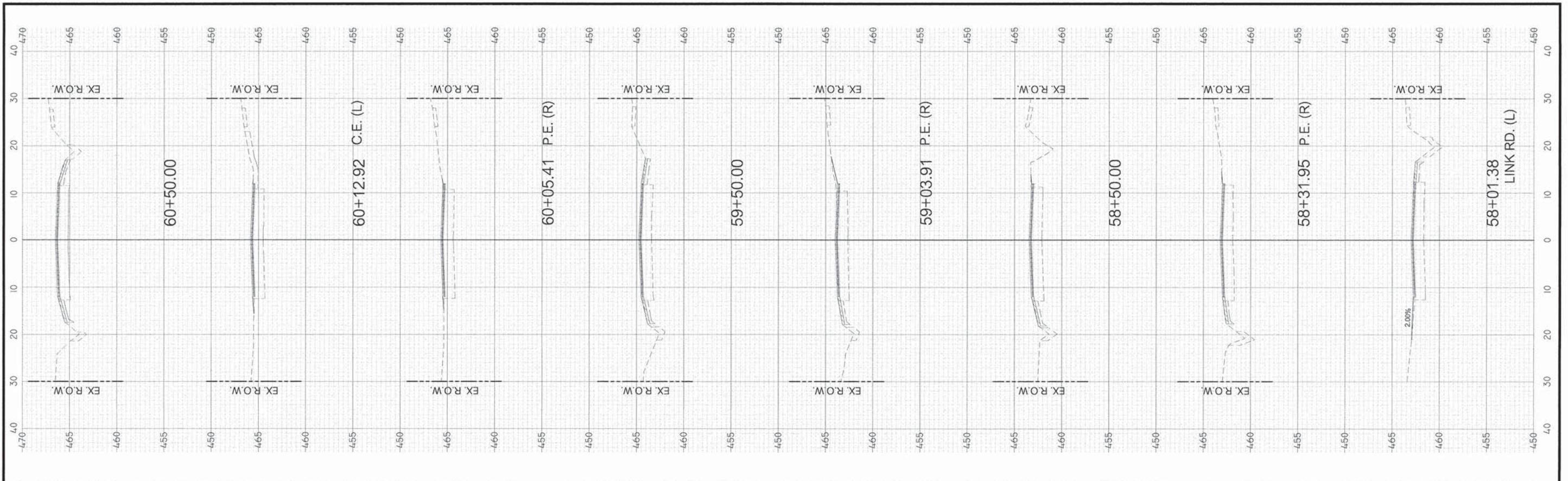
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PLOT SCALE = 10.0000' / IN.	DRAWN - BLL	CHECKED - ADM	REVISD -						8715 (FAIRFIELD ROAD)	IL-0036-00-RS	JEFFERSON	33	26
PLOT DATE = 2/14/2016	DATE - 2/3/2016	REVISD -	REVISD -		SCALE: 1:1		SHEET 6 OF 14 SHEETS		STA. 44+60.60 TO STA. 50+36.32		CONTRACT NO. 99555		
									ILLINOIS		FEDERAL AID PROJECT		



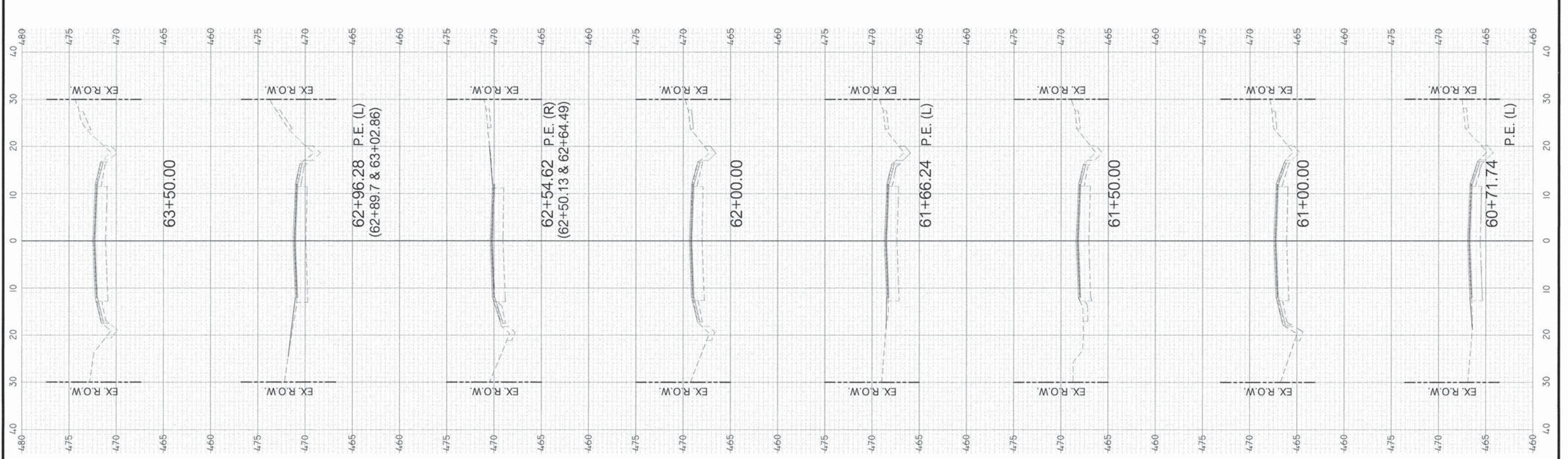
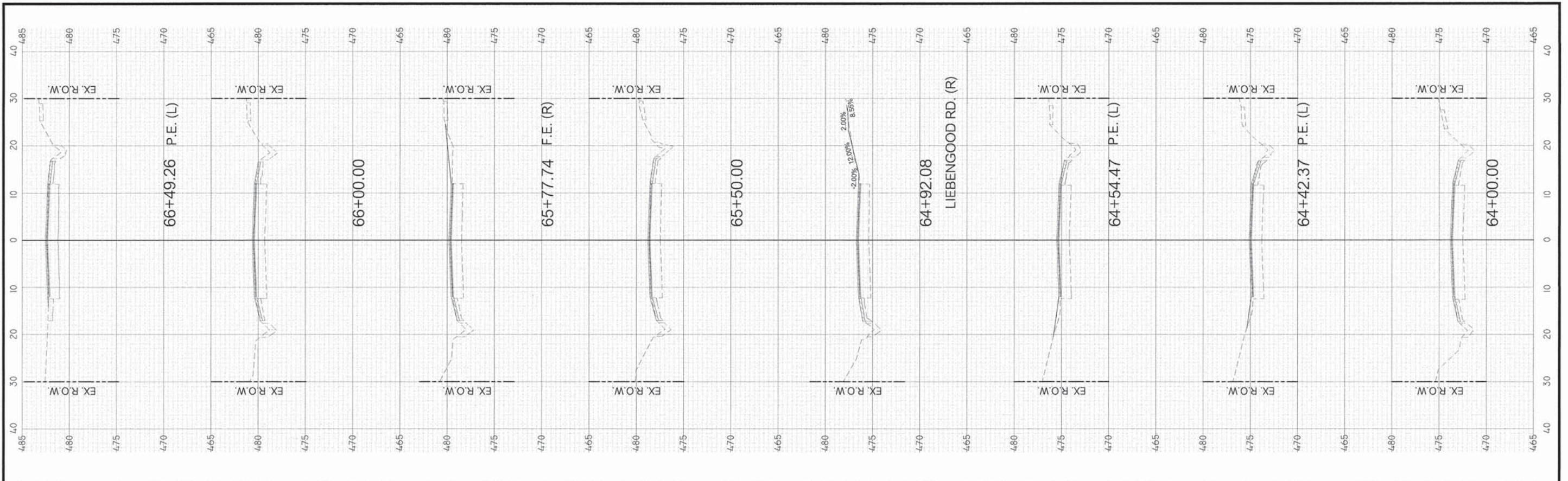


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	DRAWN - BLL	REVISD -	8715 (FAIRFIELD ROAD)						IL-00136-00-RS	JEFFERSON	33	25	
PLOT SCALE = 10.0000' / IN.	CHECKED - AQM	REVISD -	CONTRACT NO. 99555										
PLOT DATE = 2/14/2016	DATE - 2/3/2016	REVISD -	ILLINOIS FEDERAL AID PROJECT										

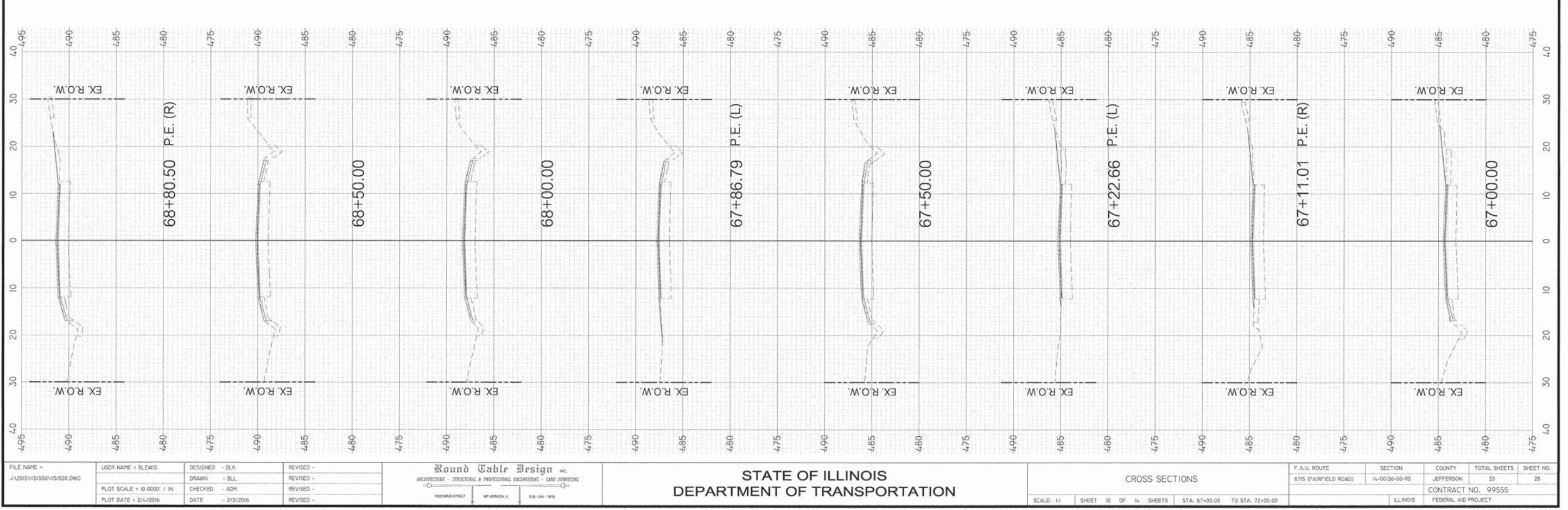
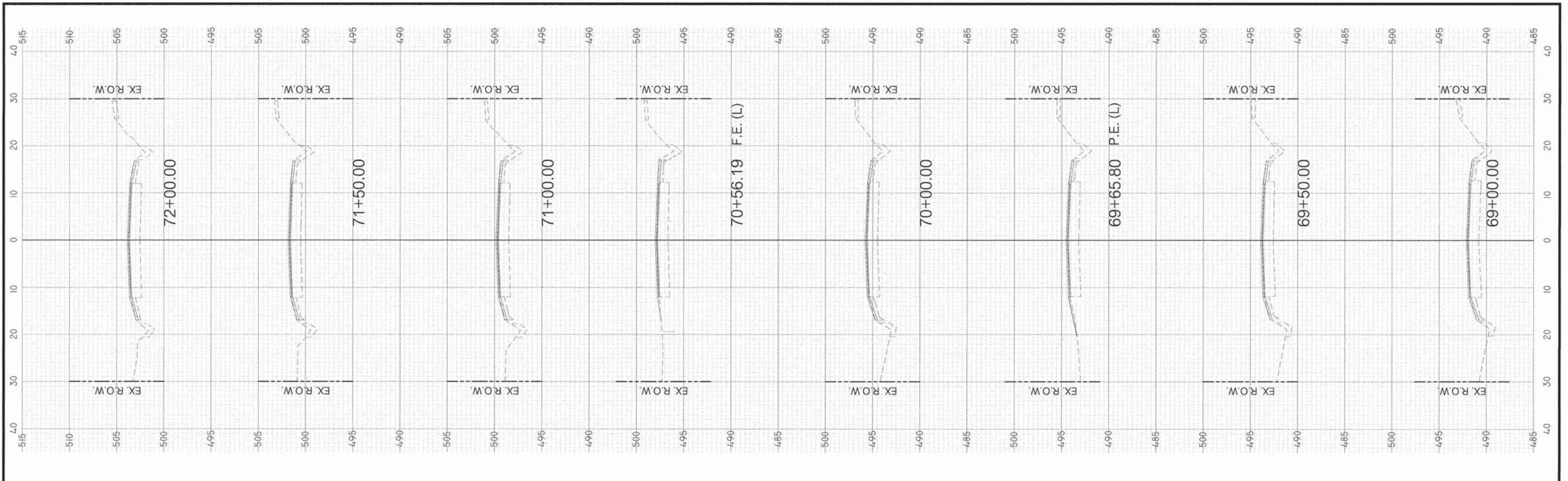
SCALE: 1:1 SHEET 7 OF 14 SHEETS STA. 50+50.00 TO STA. 55+15.48



FILE NAME = J:\2015\1151550\1151550.DWG	USER NAME = BLEWIS	DESIGNED - DLK	REVISD -	<p>ARCHITECTURE - STRUCTURAL &amp; PROFESSIONAL ENGINEERING - LAND SURVEYING</p> <p>1000 MAIN STREET METROPOLIS, IL 61810-2411-7018</p>	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION		CROSS SECTIONS		F.A.U. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
PLOT SCALE = 10.0000' / IN.	CHECKED - ADM	REVISD -	8715 (FAIRFIELD ROAD)						IL-00136-00-RS	JEFFERSON	33	26	
PLOT DATE = 2/14/2016	DATE = 2/3/2016	REVISD -			SCALE: 1:1		SHEET 8 OF 14 SHEETS		STA. 55+50.00 TO STA. 60+50.00		CONTRACT NO. 99555		
									ILLINOIS		FEDERAL AID PROJECT		



FILE NAME = J:\2015\1151550\1151550.DWG	USER NAME = BLEWIS	DESIGNED - DLK	REVISED -	<p>Round Table Design, Inc. ARCHITECTURE - STRUCTURAL &amp; PROFESSIONAL ENGINEERING - LAND SURVEYING 1000 MAIN STREET, MT VERNON, IL 61870-2417</p>	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION		CROSS SECTIONS		F.A.U. ROUTE 8715 (FAIRFIELD ROAD)	SECTION 14-00136-00-RS	COUNTY JEFFERSON	TOTAL SHEETS 33	SHEET NO. 27
	PLOT SCALE = 10,000' / IN.	DRAWN - BLL	REVISED -		SCALE: 1:1	SHEET 9 OF 14 SHEETS	STA. 60+71.74	TO STA. 66+49.26	CONTRACT NO. 99555		ILLINOIS	FEDERAL AID PROJECT	
	PLOT DATE = 2/16/2016	CHECKED - ADM	REVISED -										
		DATE = 2/3/2016	REVISED -										



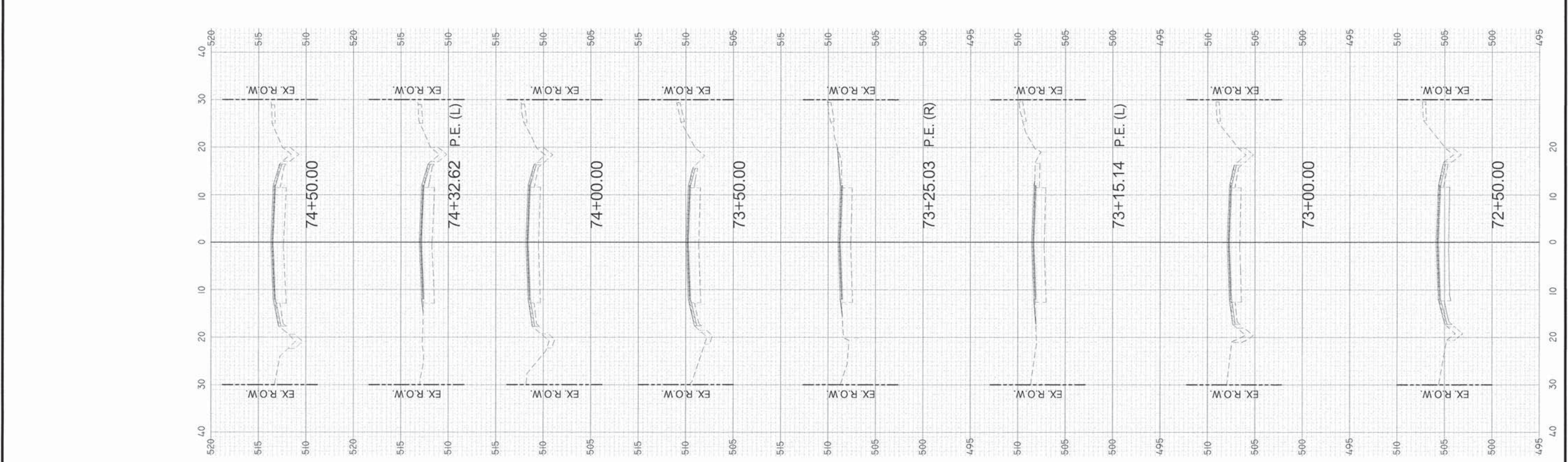
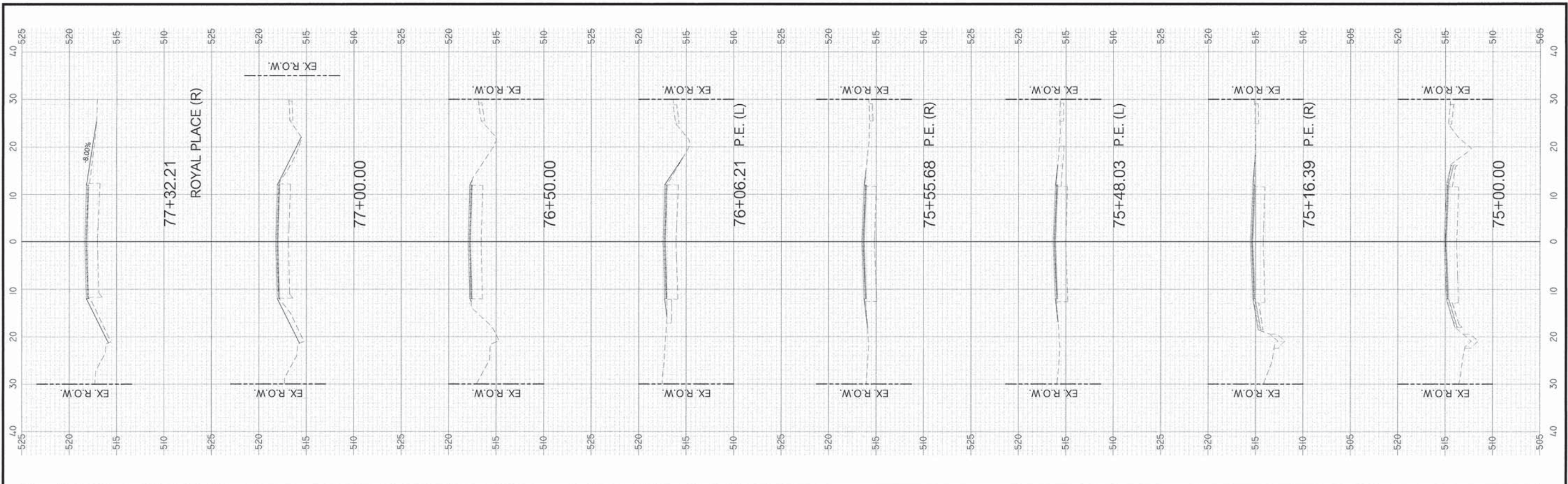
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		CHECKED - ADM	REVISED -
		DATE - 2/3/2016	REVISED -



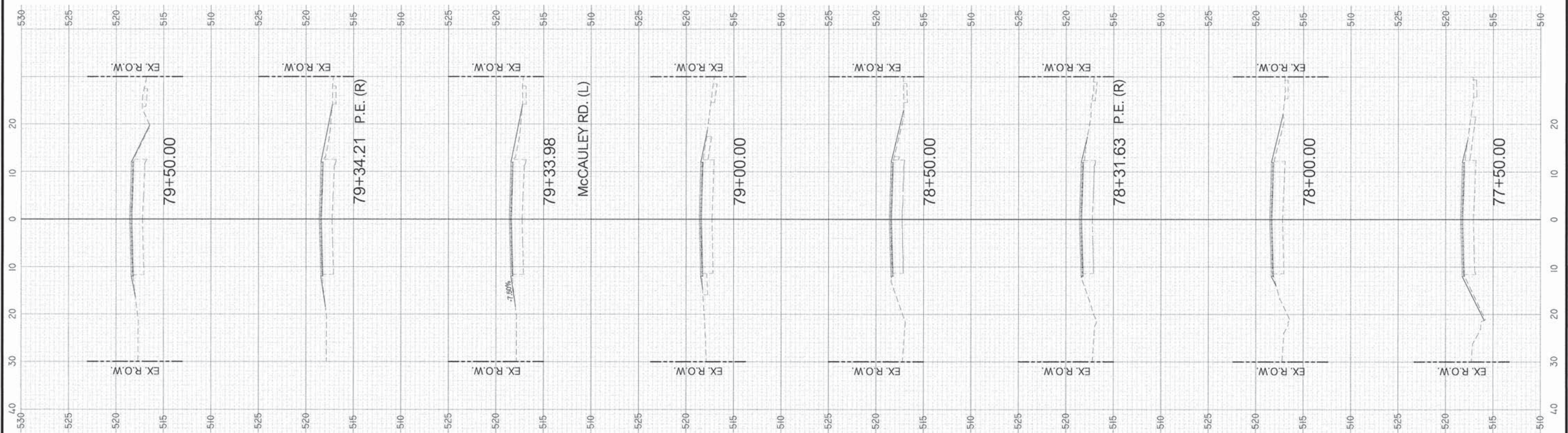
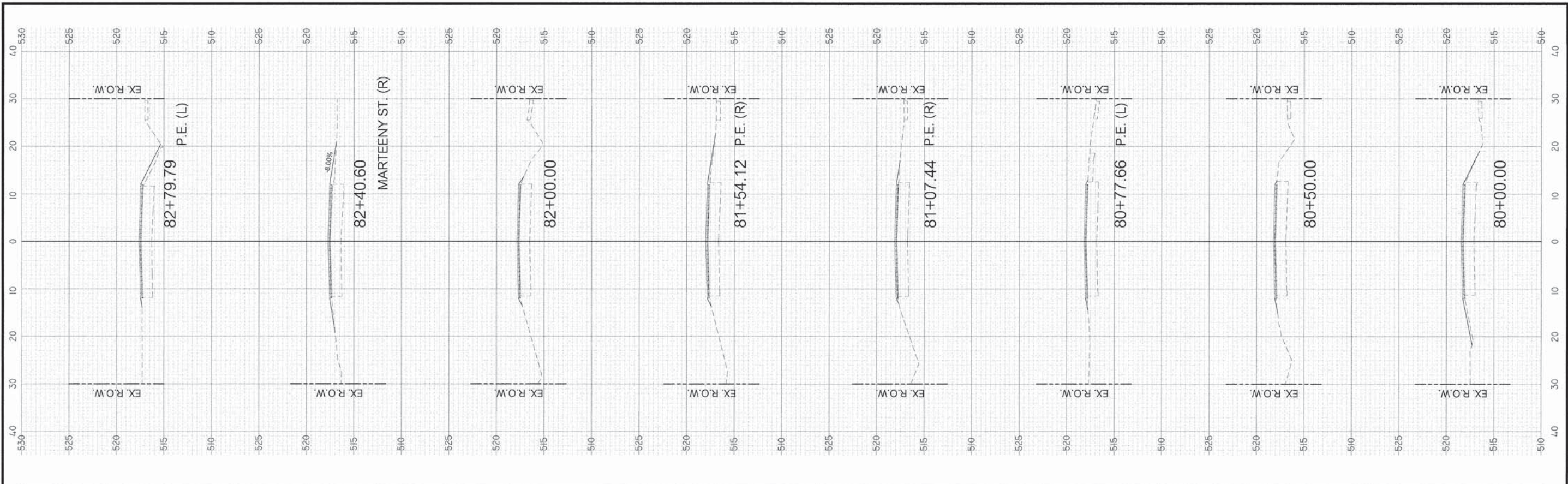
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS	
SCALE: 1:1	SHEET 10 OF 14 SHEETS
STA. 67+00.00 TO STA. 72+00.00	

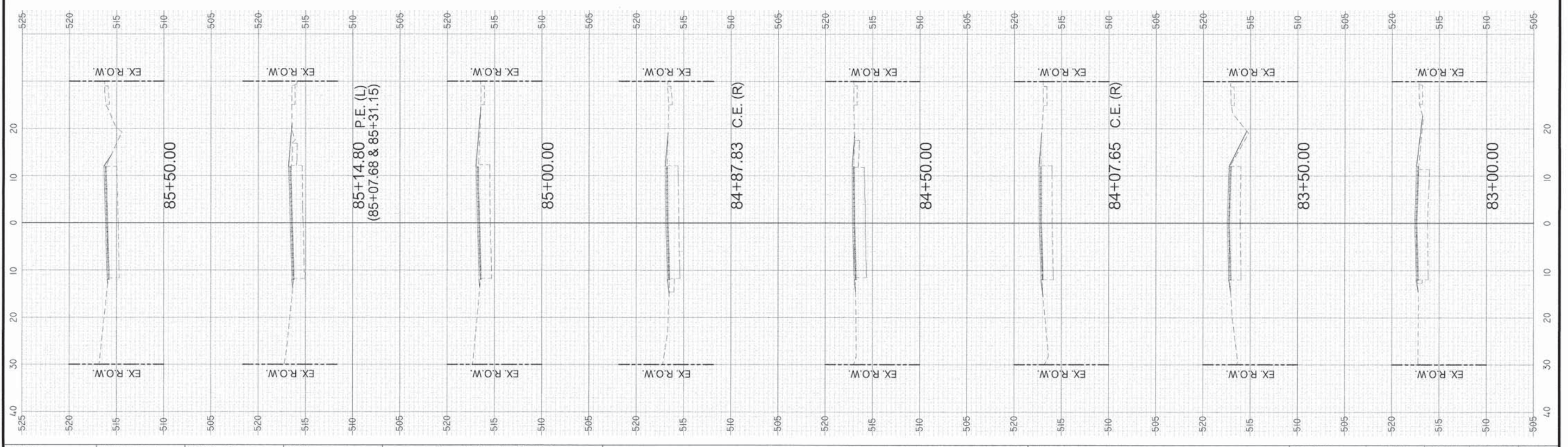
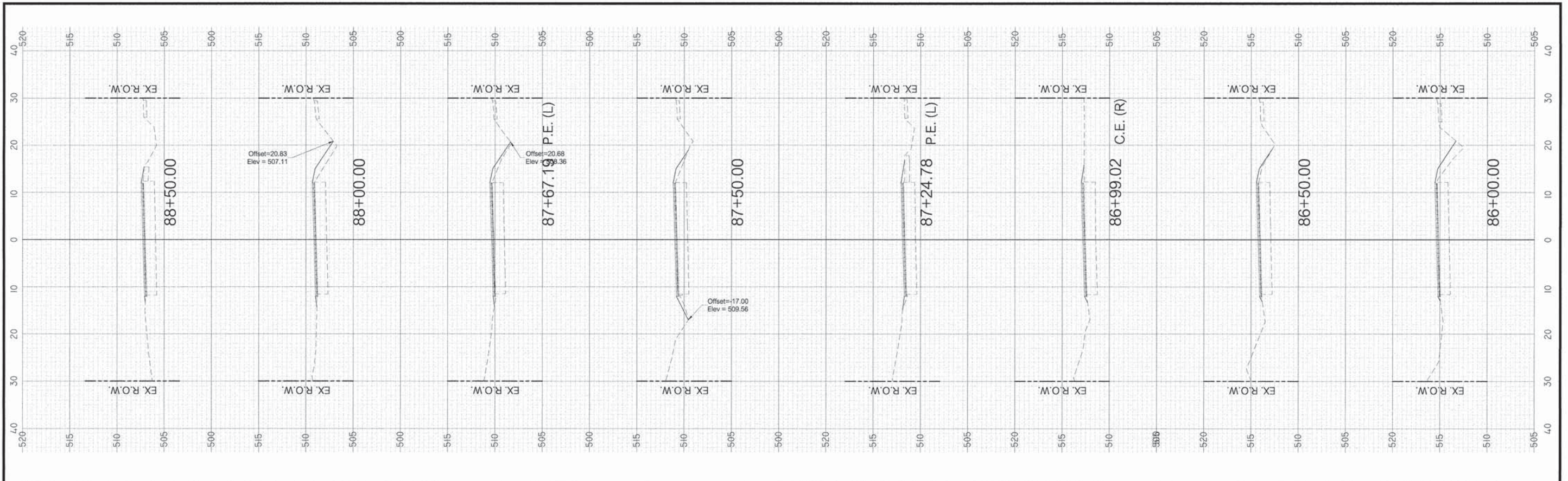
F.A.U. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8715 (FAIRFIELD ROAD)	14-00136-00-RS	JEFFERSON	33	28
		CONTRACT NO. 99555		
		ILLINOIS		FEDERAL AID PROJECT

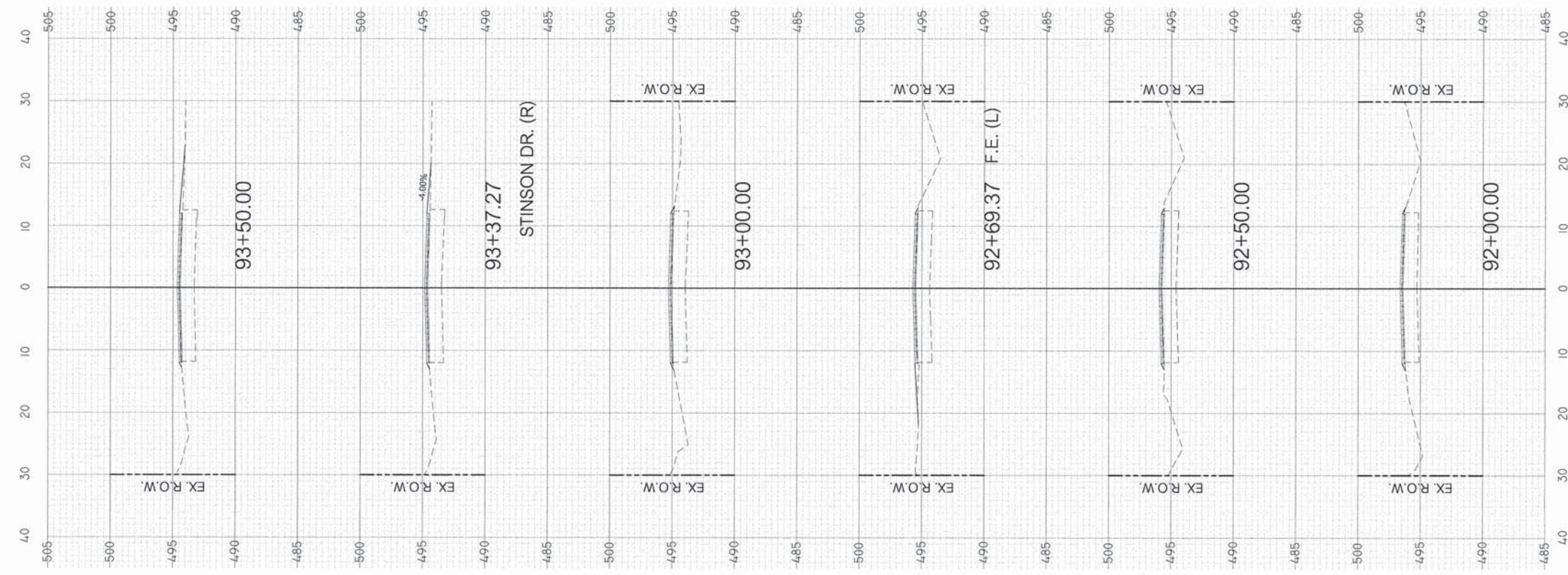
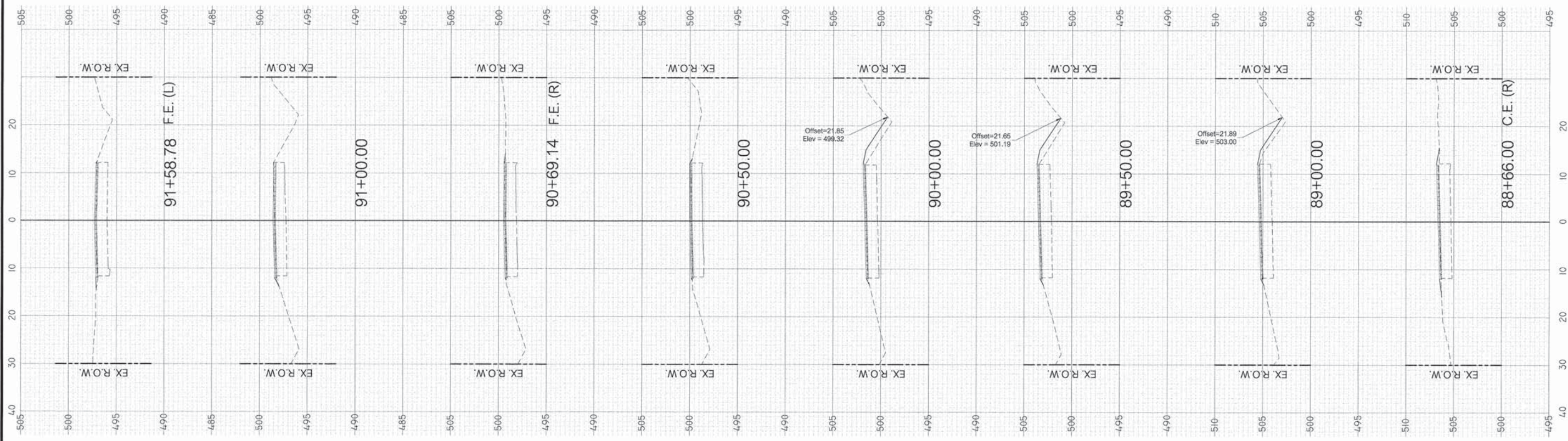


FILE NAME = J:\2015\1151550\1151550.DWG	USER NAME = BLEWIS	DESIGNED - DLK	REVISIONS -	<p>ARCHITECTURE - STRUCTURAL &amp; PROFESSIONAL ENGINEERING - LAND SURVEYING</p> <p>1000 MAIN STREET    MCKINNON, IL    618-244-7818</p>	<p align="center"><b>STATE OF ILLINOIS</b> <b>DEPARTMENT OF TRANSPORTATION</b></p>		<p align="center">CROSS SECTIONS</p>		F.A.U. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
PLOT SCALE = 10,000' / IN.	DRAWN - BLL	REVISIONS -	8715 (FAIRFIELD ROAD)						IL-00156-00-RS	JEFFERSON	33	29	
PLOT DATE = 2/1/2016	CHECKED - ADM	REVISIONS -	CONTRACT NO. 99555										
DATE - 2/3/2016	DATE - 2/3/2016	REVISIONS -	ILLINOIS FEDERAL AID PROJECT										
				SCALE: 1/1"		SHEET 11 OF 14 SHEETS		STA. 72+50.00 TO STA. 77+32.21					



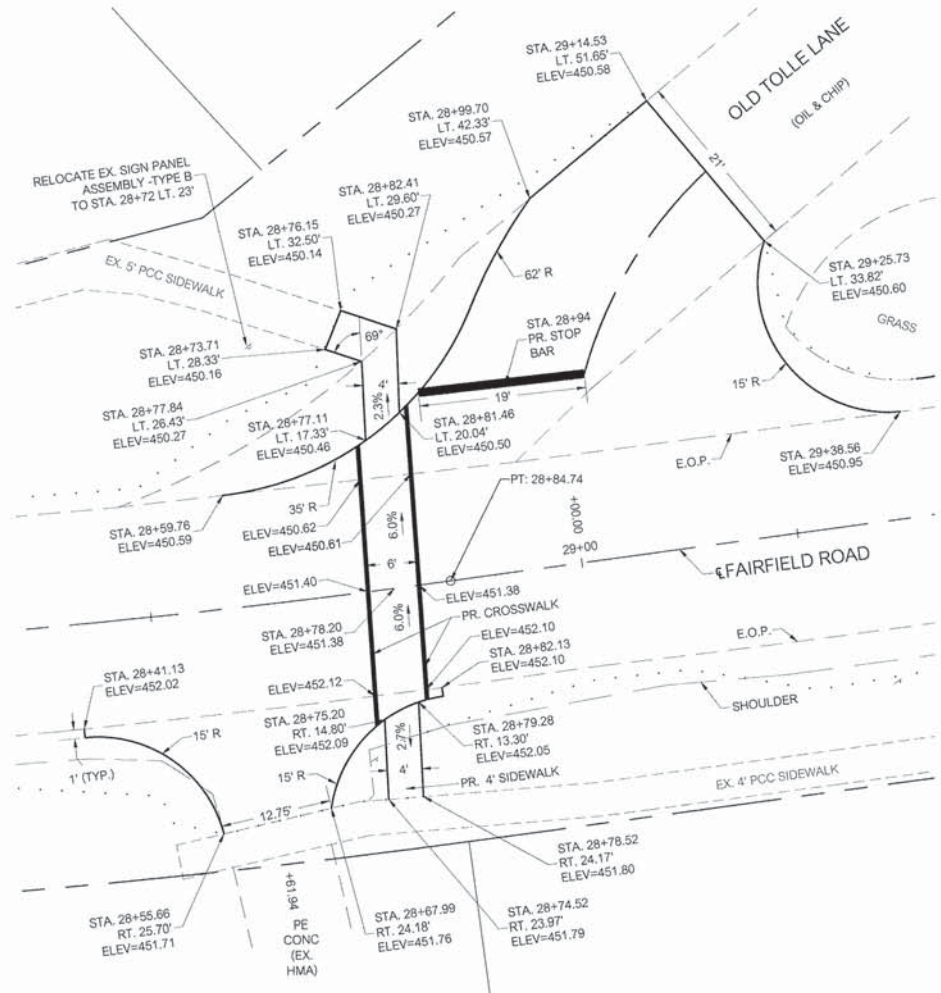
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		DRAWN - BLL	REVISD -						8715 (FAIRFIELD ROAD)	IL-00156-00-RS	JEFFERSON	33	30
		CHECKED - ADM	REVISD -						CONTRACT NO. 99555				
		DATE - 2/3/2016	REVISD -						ILLINOIS FEDERAL AID PROJECT				



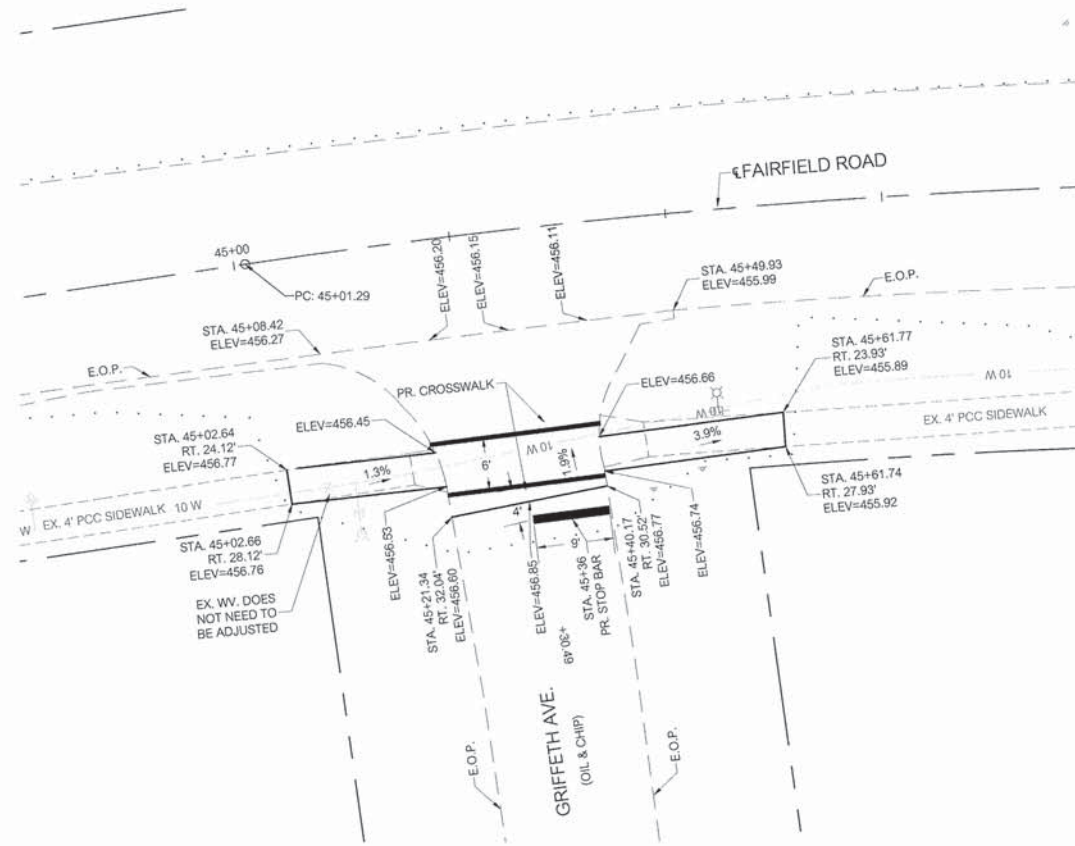
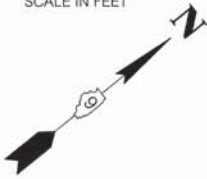


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		DRAWN - BLL	REVISED -						8715 (FAIRFIELD ROAD)	IL-00136-00-RS	JEFFERSON	33	32
PLOT SCALE = 10.0000" / IN.	CHECKED - ADM	REVISED -	REVISED -						CONTRACT NO. 99555				
PLOT DATE = 2/4/2016	DATE - 2/3/2016	REVISED -	REVISED -						ILLINOIS FEDERAL AID PROJECT				

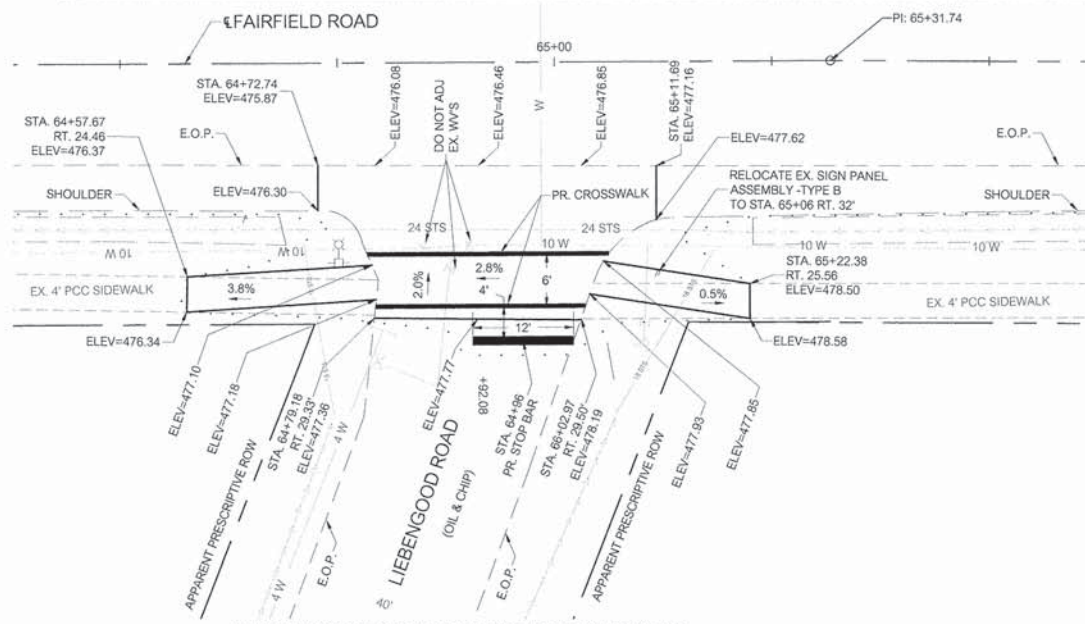
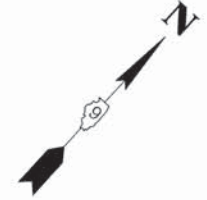




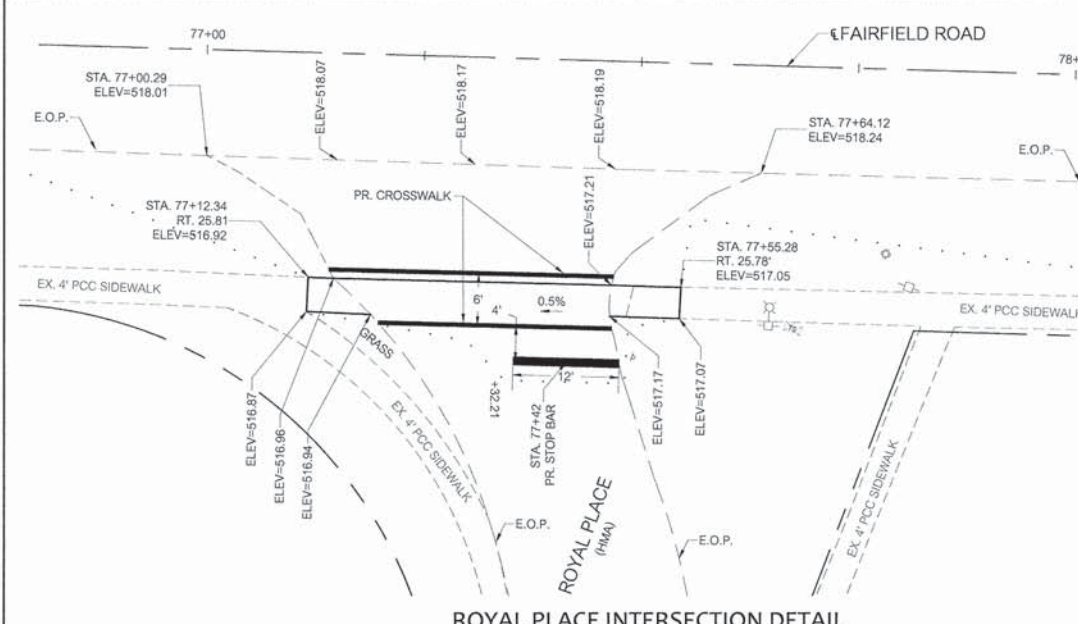
OLD TOLLE LANE INTERSECTION DETAIL



GRIFFETH AVENUE INTERSECTION DETAIL



LIEBENGOOD ROAD INTERSECTION DETAIL



ROYAL PLACE INTERSECTION DETAIL



FILE NAME = J:\2015\115155\115155.DWG	USER NAME = BLEWIS	DESIGNED - DLK	REVISED -
	DRAWN - BLL	CHECKED - ADM	DATE - 2/3/2016
	PLOT SCALE = 1/8" = 10.0000' / IN.		
	PLOT DATE = 2/4/2016		



STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

INTERSECTION DETAILS

SCALE: 1/4" = 10' SHEET 1 OF 1 SHEETS

F.A.U. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8715 (FAIRFIELD ROAD)	14-00156-00-RS	JEFFERSON	33	33
CONTRACT NO. 99555			ILLINOIS FEDERAL AID PROJECT	