

CONTRACT 72842

F.A.S. R.T.C.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1613	21N	SANGAMON	46	1

#46+1=47

### INDEX OF SHEETS

DESCRIPTION	SHEET NO.
COVER SHEET	1
GENERAL NOTES	2
SUMMARY OF QUANTITIES	3-6
SCHEDULE OF QUANTITIES	7-10
TYPICAL SECTIONS	11-13
HORIZONTAL AND VERTICAL CONTROL/ROW PLAN	14
CROSS TIES	14a
PLAN & PROFILE SHEETS - FAS 1613	15-17
PLAN & PROFILE SHEET - CH 15	18
INTERSECTION GEOMETRIC DETAILS	19
INTERSECTION ELEVATIONS	20-21
INTERSECTION PAVEMENT MARKINGS	22
TRAFFIC CONTROL & PROTECTION SHEETS	23-24
BUTT-JOINT DETAILS	25
SIDE ROAD AND ENTRANCE DETAILS	26-27
EXCELSIOR BLANKET AND RUMBLE STRIP DETAILS	28
CROSS SECTIONS - FAS 1613	29-41
CROSS SECTIONS - TR 124	42-43
CROSS SECTIONS - CH 15	44-46

### HIGHWAY STANDARDS

000001-05	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
280001-04	TEMPORARY EROSION CONTROL SYSTEMS
442201-03	CLASS 'C' AND 'D' PATCHES
482011-03	HMA SHOULDER ADJACENT TO FLEXIBLE PAVEMENT
701001-02	OFF-ROAD OPERATIONS, 2L, 2W, MORE THAN 4.5m (15') AWAY
701006-03	OFF-ROAD OPERATIONS, 2L, 2W, 4.5m (15') TO 600mm (24") FROM PAVEMENT EDGE
701011-02	OFF-ROAD MOVING OPERATIONS, 2L, 2W, DAY ONLY
701201-03	LANE CLOSURE, 2L, 2W, DAY ONLY, FOR SPEEDS >45 MPH
701301-03	LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS
701306-02	LANE CLOSURE, 2L, 2W, SLOW MOVING OPERATIONS DAY ONLY, FOR SPEEDS > 45 MPH
701326-03	LANE CLOSURE, 2L, 2W, PAVEMENT WIDENING, FOR SPEEDS > 45 MPH
701901-01	TRAFFIC CONTROL DEVICES
720001-01	SIGN PANEL MOUNTING DETAILS
720006-02	SIGN PANEL ERECTION DETAILS
728001-01	TELESCOPING STEEL SIGN SUPPORT
780001-02	TYPICAL PAVEMENT MARKINGS
BLR 21-08	TYPICAL APPLICATION OF TRAFFIC CONTROL DEVICES FOR CONSTRUCTION ON RURAL LOCAL HIGHWAYS

### DESIGN DESIGNATIONS

WEST & EAST LEGS - OLD US 36 (ILL 54/OLD JACKSONVILLE HIGHWAY)  
 3800 - 2005 ADT / 4600 - 2025 ADT  
 NORTH LEG - COUNTY HIGHWAY 15 (FARMINGDALE ROAD)  
 700 - 2005 ADT / 850 - 2025 ADT  
 SOUTH LEG - TR 124  
 150 - 2005 ADT / 200 - 2025 ADT  
 55 MPH DESIGN SPEED ON FAS 1613  
 "3R" STANDARDS  
 WB-55 DESIGN VEHICLE

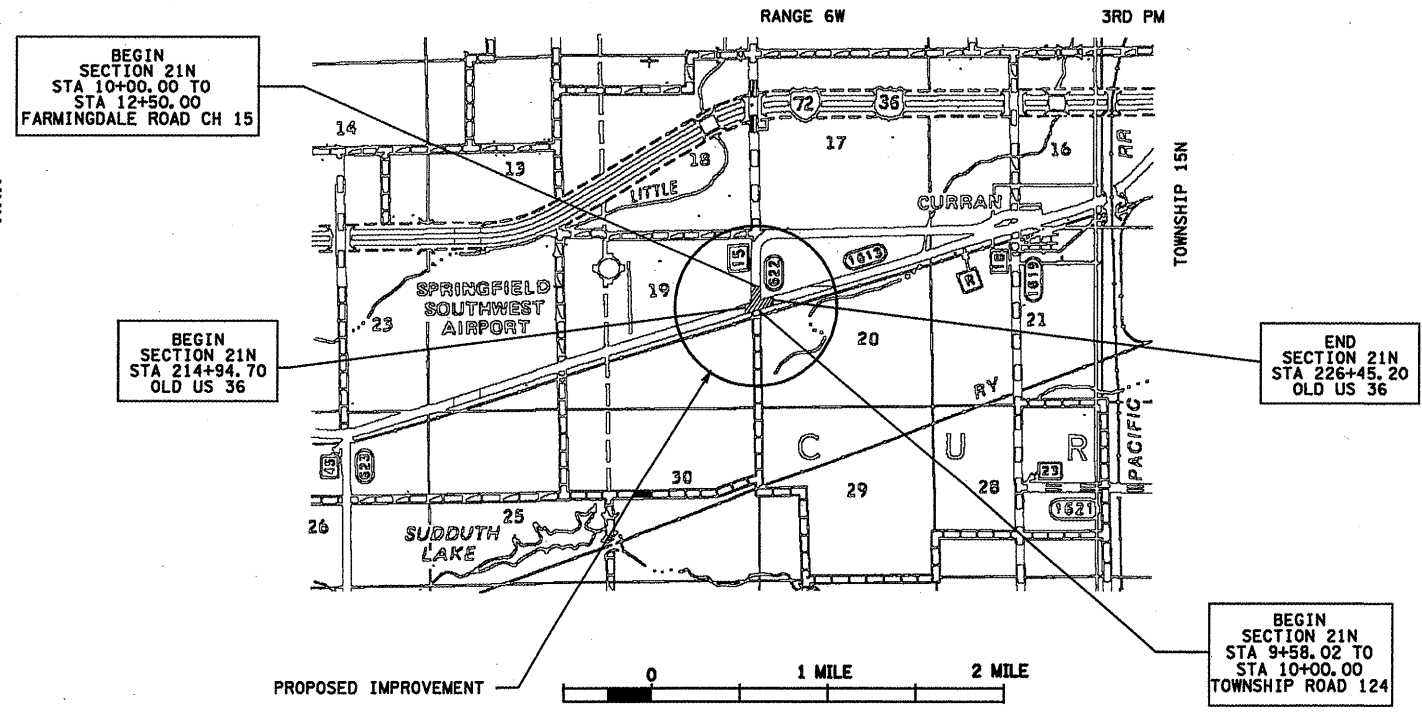
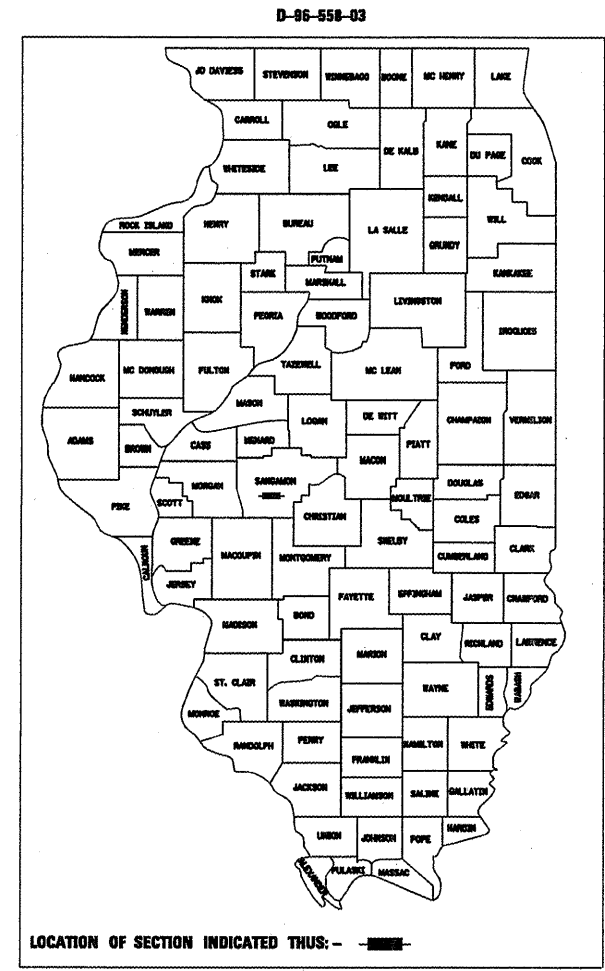
FAS 1613 - STA 214+94.7 TO STA 226+45.2 - 1,150.50 FEET  
 TR 124 - STA 9+38.31 TO STA 10+00 - 61.69 FEET  
 CH 15 - STA 10+00 TO STA 12+50 - 250 FEET  
 NET LENGTH - 1,462.19 FEET = 0.277 MILES  
 PVI: EAST - 94.1% WEST - 95.1% NORTH - 97.1% SOUTH - 92.9%  
 SL: EAST - 2.8% WEST - 2.3% NORTH - 5.0% SOUTH - 4.2%  
 M: EAST - 3.3% WEST - 1.6% NORTH - 7.9% SOUTH - 3.0%

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION  
 DIVISION OF HIGHWAYS

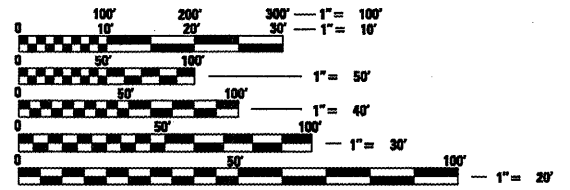
# PROPOSED HIGHWAY PLANS

## THE INTERSECTION OF OLD US 36 WITH COUNTY HIGHWAY 15 - FARMINGDALE ROAD FAS ROUTE 1613 (OLD US 36) SECTION 21N

### SANGAMON COUNTY C-96-046-09



LOCATION MAP SCALE BAR  
 GROSS LENGTH OF IMPROVEMENT - 1,462.19 FEET (0.277 MILES)  
 NET LENGTH OF IMPROVEMENT - 1,462.19 FEET (0.277 MILES)



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

CONTRACT NO. 72842

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION  
 DIVISION OF HIGHWAYS

SUBMITTED April 7 20 09  
Ron Z. Danks  
 DEPUTY DIRECTOR OF HIGHWAYS - REGION FOUR ENGINEER

May 1 20 09  
Charles J. Inneswell  
 ENGINEER OF DESIGN AND ENVIRONMENT

May 1 20 09  
Christine M. Reed  
 DIRECTOR, DIVISION OF HIGHWAYS

PRINTED BY THE AUTHORITY  
 OF THE STATE OF ILLINOIS

PROJECT ENGINEER: SAL MADONIA: 217-782-4761  
 SQUAD LEADER: JEFF MYERS: 217-524-7940

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1613	21N	SANGAMON	46	2
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

GENERAL NOTES

1. THICKNESS OF RESURFACING:  
THE THICKNESS OF THE HOT-MIX ASPHALTS SHOWN ON THE PLANS IS THE NOMINAL THICKNESS. DEVIATIONS FROM THE NOMINAL THICKNESS WILL BE PERMITTED WHEN SUCH DEVIATIONS OCCUR DUE TO IRREGULARITIES IN THE EXISTING SURFACE OR BASE UPON WHICH THE MIXTURE IS PLACED.
2. ALL ELEVATIONS SHOWN ON THE PLANS ARE ESTABLISHED FROM U.S.G.S. MEAN SEA LEVEL DATUM.
3. THE LOCATIONS OF EXISTING WATER MAINS, GAS MAINS, SEWERS, ELECTRIC POWER LINES, TELEPHONE LINES AND OTHER UTILITIES AS SHOW ON THE PLANS, ARE BASED ON CAREFUL FIELD INVESTIGATION AND THE BEST INFORMATION AVAILABLE, BUT THEY ARE NOT GUARANTEED. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO ASCERTAIN THEIR EXACT LOCATION FROM THE UTILITY COMPANIES AND BY FIELD INSPECTION.
4. WHERE SECTION OR SUBSECTION MONUMENTS ARE ENCOUNTERED, THE ENGINEER SHALL BE NOTIFIED BEFORE SUCH MONUMENTS ARE REMOVED. THE CONTRACTOR SHALL PROTECT AND CAREFULLY PRESERVE ALL PROPERTY MARKERS AND MONUMENTS UNTIL THE OWNER, AN AUTHORIZED SURVEYOR OR AGENT HAS WITNESSED OR OTHERWISE REFERENCED THEIR LOCATION.
5. ANY REFERENCE TO A STANDARD IN THESE PLANS SHALL BE INTERPRETED TO MEAN THE EDITION, AS INDICATED BY THE SUB-NUMBER LISTED IN THE INDEX OF SHEETS, OR THE COPY OF THE STANDARD INCLUDED IN THESE PLANS.
6. ALL STATION REFERENCES ARE TO THE ROADWAY CENTERLINE OR BASELINE.
7. IN ADDITION TO FIELD SURVEYS AND AERIAL SURVEYS, PLAN DIMENSIONS AND DETAILS RELATIVE TO THE EXISTING FACILITIES HAVE BEEN TAKEN FROM EXISTING PLANS AND ARE SUBJECT TO CONSTRUCTION VARIATIONS. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY SUCH DIMENSIONS AND DETAILS IN THE FIELD. SUCH VARIATIONS SHALL NOT BE A CAUSE FOR ADDITIONAL COMPENSATION DUE TO A CHANGE IN THE SCOPE OF THE WORK. HOWEVER, THE CONTRACTOR WILL BE PAID FOR THE QUANTITY ACTUALLY FURNISHED AT THE UNIT PRICE BID FOR THE WORK.
8. PRIOR TO THE STRIPING OF NO PASSING ZONES, THE BUREAU OF OPERATIONS SHALL BE NOTIFIED 14 DAYS IN ADVANCE TO FIELD VERIFY SUCH PROPOSED MARKINGS.
9. MIXTURE REQUIREMENTS  
THE FOLLOWING MIXTURE REQUIREMENTS ARE APPLICABLE FOR THIS PROJECT
10. THE REMOVAL OF OIL & CHIP SURFACE SHALL BE INCLUDED IN THE COST OF EARTH EXCAVATION AND NOT PAID OF SEPERATELY.

MIXTURE USE(S)	HOT-MIX ASPHALT SURF CSE. 1 1/2"	LEVEL BINDER 1" (min)	HMA SHOULDER (8" AND TONNAGE ITEM)	HMA BASE COURSE 6 1/2" AND 10"
AC/PG	PG 64-22	PG 64-22	PG 58-22	PG 64-22
DESIGN AIR VOIDS	4.0% @ N DESIGN = 50	4.0% @ N DESIGN = 50	2.0% @ N DESIGN = 30	4.0% @ N DESIGN = 50
MIXTURE COMPOSITION (GRADATION MIXTURE)	IL 9.5 OR 12.5	IL 9.5	BAM	IL 19.0
FRICTION AGGREGATE	MIX C	N/A	N/A	N/A

COMMITMENTS

1. THE FIELD/RESIDENT ENGINEER SHALL CONTACT STUDIES & PLANS CONCERNING ANY MAJOR PLAN CHANGES TO MAKE SURE NO COMMITMENTS (NOT LISTED) WERE MADE AFFECTING THE DESIGN, AND ALLOW IMPROVEMENTS IN THE DESIGN FOR FUTURE PROJECTS.

RATES OF APPLICATION TABLE

THE FOLLOWING APPLICATION RATES HAVE BEEN USED TO DETERMINE PLAN QUANTITIES:

BITUMINOUS MATERIALS PRIME COAT	0.00038 TON/SQ YD
PAVEMENT	0.001425 TON/SQ YD
AGGREGATE	0.002 TON/SQ YD
AGGREGATE PRIME COAT	112 LB/SQ YD/1"
HOT-MIX ASPHALT SURFACE COURSE	2.05 TON/CU YD
AGGREGATE SHOULDER & SURFACES	90 LB/ACRE
NITROGEN FERTILIZER NUTRIENTS	90 LB/ACRE
PHOSPHORUS FERTILIZER NUTRIENTS	90 LB/ACRE
POTASSIUM FERTILIZER NUTRIENTS	2 TONS/ACRE
AGRICULTURAL GROUND LIMESTONE	2 TONS/ACRE
MULCH, METHOD 2	1.75 TONS/CU YD
RIPRAP	

NOTE:  
ANY REFERENCES OR CALL-OUTS IN THESE PLANS TO "BITUMINOUS CONCRETE" SHALL BE INTERPRETED TO MEAN "HOT-MIX ASPHALT."

IDOT DISTRICT 6	
EXAMINED <u>April 6</u> , <u>2009</u>	
<i>[Signature]</i>	
<b>OPERATIONS ENGINEER</b>	
EXAMINED <u>April 6</u> , <u>2009</u>	
<i>[Signature]</i>	
<b>PROJECT IMPLEMENTATION ENGINEER</b>	
EXAMINED <u>April 6</u> , <u>2009</u>	
<i>[Signature]</i>	
<b>PROGRAM DEVELOPMENT ENGINEER</b>	

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
GENERAL NOTES AND COMMITMENTS  
FAS ROUTE 1613 (OLD US 36)  
AND FARMINGDALE ROAD (CH 15)  
SECTION 21N  
SANGAMON COUNTY

SCALE: VERT.  
HORIZ.  
DATE: AUGUST, 2004

DRAWN BY DJK  
CHECKED BY CSB

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1613	21N	SANGAMON	46	3
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

ILLINOIS DEPARTMENT OF TRANSPORTATION  
SUMMARY OF QUANTITIES

	ITEM	UNIT	TOTAL	CONSTRUCTION TYPE CODE
				1000 100% STATE
20200100	EARTH EXCAVATION	CU YD	255	255
20800150	TRENCH BACKFILL	CU YD	7	7
25000200	SEEDING, CLASS 2	ACRE	0.25	0.25
25000400	NITROGEN FERTILIZER NUTRIENT	POUND	21	21
25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	21	21
25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	21	21
25000700	AGRICULTURAL GROUND LIMESTONE	TON	0.4	0.4
25100115	MULCH, METHOD 2	ACRE	0.25	0.25
25100630	EROSION CONTROL BLANKET	SQ YD	15	15
28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	25	25
28000300	TEMPORARY DITCH CHECKS	EACH	9	9
28000400	PERIMETER EROSION BARRIER	FOOT	314	314
28000500	INLET AND PIPE PROTECTION	EACH	3	3

\* SEE SPECIAL PROVISIONS

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
SUMMARY OF QUANTITIES  
SHEET 1 OF 4  
FAS 1613 (OLD US 36) AND  
FARMINGDALE ROAD (CH 15)  
SECTION 21N  
SANGAMON COUNTY  
SCALE: VERT. NONE  
HORIZ. NONE  
DATE: AUGUST, 2004  
DRAWN BY DJK  
CHECKED BY DBS

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1613	21N	SANGAMON	46	4
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

ILLINOIS DEPARTMENT OF TRANSPORTATION  
SUMMARY OF QUANTITIES

	ITEM	UNIT	TOTAL	CONSTRUCTION TYPE CODE
				1000 100% STATE
28000700	MULCH, METHOD 1	ACRE	0.1	0.1
31101000	SUB-BASE GRANULAR MATERIAL, TYPE B	TON	388	388
35101400	AGGREGATE BASE COURSE, TYPE B	TON	40	40
35501310	HOT-MIX ASPHALT BASE COURSE, 6 1/2"	SQ YD	115	115
35501324	HOT-MIX ASPHALT BASE COURSE, 10"	SQ YD	884	884
35600716	HOT-MIX ASPHALT BASE COURSE WIDENING, 10"	SQ YD	80	80
40600200	BITUMINOUS MATERIALS (PRIME COAT)	TON	6	6
40600300	AGGREGATE (PRIME COAT)	TON	22	22
40600625	LEVELING BINDER (MACHINE METHOD), N50	TON	212	212
40600895	CONSTRUCTING TEST STRIP	EACH	1	1
40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD	256	256
40600985	PORTLAND CEMENT CONCRETE SURFACE REMOVAL - BUTT JOINT	SQ YD	122	122
40600990	TEMPORARY RAMP	SQ YD	99	99
40603310	HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50	TON	337	337

\* SEE SPECIAL PROVISIONS

REVISIONS	
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ILLINOIS DEPARTMENT OF TRANSPORTATION  
SUMMARY OF QUANTITIES  
SHEET 2 OF 4  
FAS 1613 (OLD US 36) AND  
FARMINGDALE ROAD (CH 15)  
SECTION 21N  
SANGAMON COUNTY  
SCALE: VERT. NONE  
HORIZ. NONE  
DATE: AUGUST, 2004  
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1613	21N	SANGAMON	46	5
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

ILLINOIS DEPARTMENT OF TRANSPORTATION  
SUMMARY OF QUANTITIES

	ITEM	UNIT	TOTAL	CONSTRUCTION TYPE CODE
				I000 100% STATE
44000100	PAVEMENT REMOVAL	SQ YD	537	537
44004250	PAVED SHOULDER REMOVAL	SQ YD	189	189
44200094	PAVEMENT PATCHING, TYPE II, 8 INCH	SQ YD	70	70
48101200	AGGREGATE SHOULDERS, TYPE B	TON	77	77
48203029	HOT-MIX ASPHALT SHOULDERS, 8"	SQ YD	201	201
48203100	<i>HOT-MIX ASPHALT</i> SHOULDERS	TON	85	85
50105220	PIPE CULVERT REMOVAL	FOOT	34	34
54200430	PIPE CULVERTS, TYPE 1 RCCP 15"	FOOT	24	24
54200643	PIPE CULVERTS, TYPE 1, CORRUGATED STEEL OR ALUMINUM CULVERT PIPE 18"	FOOT	92	92
54213660	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 15"	EACH	2	2
61100500	EXPLORATION TRENCH 52" DEPTH	FOOT	10	10
64200105	SHOULDER RUMBLE STRIP	FOOT	1649	1649
67100100 *	MOBILIZATION	L SUM	1	1
70100450	TRAFFIC CONTROL AND PROTECTION, STANDARD 701201	L SUM	1	1
70100460	TRAFFIC CONTROL AND PROTECTION, STANDARD 701306	L SUM	1	1

\* SEE SPECIAL PROVISIONS

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
SUMMARY OF QUANTITIES  
SHEET 3 OF 4  
FAS 1613 (OLD US 36) AND  
FARMINGDALE ROAD (CH 15)  
SECTION 21N  
SANGAMON COUNTY  
SCALE: VERT. NONE      DRAWN BY DJK  
HORIZ.                      CHECKED BY DBS  
DATE: AUGUST, 2004

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1613	21N	SANGAMON	46	6
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

ILLINOIS DEPARTMENT OF TRANSPORTATION  
SUMMARY OF QUANTITIES

	ITEM	UNIT	TOTAL	CONSTRUCTION TYPE CODE
				1000 100% STATE
70100500	TRAFFIC CONTROL AND PROTECTION, STANDARD 701326	L SUM	1	1
70101830 *	TRAFFIC CONTROL AND PROTECTION, BLR 21	L SUM	1	1
70103815	TRAFFIC CONTROL SURVEILLANCE	CAL DA	15	15
70300100	SHORT-TERM PAVEMENT MARKING	FOOT	344	344
70301000	WORK ZONE PAVEMENT MARKING REMOVAL	SQ FT	72	72
** 72000100	SIGN PANEL - TYPE 1	SQ FT	18	18
** 72800100	TELESCOPING STEEL SIGN SUPPORT	FOOT	22	22
** 78001120	PAINT PAVEMENT MARKING - LINE 5"	FOOT	2980	2980
** 78004280	PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - INLAID - LINE 24"	FOOT	36	36

\* SEE SPECIAL PROVISIONS  
\*\* SPECIALTY ITEMS

REVISIONS	
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ILLINOIS DEPARTMENT OF TRANSPORTATION  
SUMMARY OF QUANTITIES  
SHEET 4 OF 4  
FAS 1613 (OLD US 36) AND  
FARMINGDALE ROAD (CH 15)  
SECTION 21N  
SANGAMON COUNTY  
SCALE: VERT. NONE  
HORIZ. NONE  
DATE: AUGUST, 2004  
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F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1613	21N	SANGAMON	46	7
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

EARTH EXCAVATION

STATION TO STATION	EARTH EXCAVATION	EARTH EXCAV ADJUSTED FOR SHRINKAGE CU YD x 0.75	EMBANKMENT	BALANCE WASTE + BORROW (-)	CUMMULATIVE
	CU YD	CU YD	CU YD	CU YD	CU YD
OLD US 36					
STA 220+00 TO STA 224+00	115.4	86.5	34.3	52.2	52.2
TOWNSHIP ROAD 124					
STA 9+58.02 TO STA 9+75	20.2	15.1	1.0	14.1	66.3
FARMINGDALE ROAD					
STA 10+50 TO STA 12+50	117.5	88.2	154.2	( 66.0)	0.3
TOTAL	253.1	189.8	189.5	0.3	
USE	253	190	190	0	

SEEDING, FERTILIZING, MULCH

STATION TO STATION	SIDE	SEEDING CLASS 2	NITROGEN FERT NUTR	PHOS FERT NUTR	POTAS FERT NUTR	AGRIC LIME	MULCH METH 2
		ACRE	LB	LB	LB	TON	ACRE
TOWNSHIP ROAD 124/ OLD US 36							
SW CORNER	LT	0.01	0.9	0.9	0.9	0.02	0.01
SE CORNER	RT	0.01	0.8	0.8	0.8	0.02	0.01
FARMINGDALE ROAD							
STA 10+00 TO STA 10+96.60	LT	0.05	4.2	4.2	4.2	0.09	0.05
STA 10+96.60 TO STA 12+50	LT	0.07	6.7	6.7	6.7	0.15	0.07
STA 10+00 TO STA 12+12.84	RT	0.07	6.4	6.4	6.4	0.14	0.07
STA 12+12.84 TO STA 12+50	RT	0.01	1.1	1.1	1.1	0.02	0.01
TOTAL		0.22	20.0	20.0	20.0	0.4	0.2
USE		0.25	21	21	21	0.4	0.25

EROSION CONTROL BLANKET

LOCATION	SIDE	QTY	DESCRIPTION
		SQ YD	
STA 220+95	34' RT	7.3	15" FLARED END SECTION
STA 221+43	34' RT	7.3	15" FLARED END SECTION
TOTAL		14.6	
USE		15	

INLET AND PIPE PROTECTION

LOCATION	SIDE	EACH
STA 220+92	34' RT	1
STA 10+72	31' LT	1
STA 11+88	31' RT	1
TOTAL		3

EROSION CONTROL

LOCATION	ESTIMATED- FOR EROSION CONTROL SEEDING	ESTIMATED- FOR EROSION CONTROL MULCH
	POUND	ACRE
FARMINGDALE ROAD		
RT	12.5	0.05
LFT	12.5	0.05
TOTAL	25.0	0.10
USE	25	0.10

TEMPORARY DITCH CHECKS

LOCATION	SIDE	EACH
TOWNSHIP ROAD 124		
STA 9+75	32' RT	1
FARMINGDALE ROAD		
STA 10+59	60' RT	1
STA 11+25	32' RT	1
STA 11+35	29' LT	1
STA 11+66	31' RT	1
STA 11+75	32' LT	1
STA 12+23	32' LT	1
STA 12+50	30' RT	1
STA 12+50	30' LT	1
TOTAL		9

PERIMETER EROSION BARRIER

LOCATION	SIDE	FOOT
TOWNSHIP ROAD		
SW CORNER	LT	31
SE CORNER	RT	24
FARMINGDALE ROAD		
STA 10+00 TO STA 10+96.60	LT	123
STA 10+96.60 TO STA 12+50	LT	18
STA 10+00 TO STA 12+12.84	RT	72
STA 12+12.84 TO STA 12+50	RT	46
TOTAL		314

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
 SCHEDULE OF QUANTITIES  
 SHEET 1 OF 4  
 FAS 1613 (OLD US 36) AND  
 FARMINGDALE ROAD (CH 15)  
 SECTION 21N  
 SANGAMON COUNTY  
 VERT. NONE  
 HORIZ. NONE  
 DATE: AUGUST, 2004  
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 CHECKED BY DBS

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1613	21N	SANGAMON	46	8
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

PAVEMENT REMOVAL

STATION to STATION	LENGTH	AVE WIDTH	AREA
	FOOT	FOOT	SQ YD
FARMINGDALE ROAD			
STA 10+11.3 TO STA 12+00	189	VARIES	536.4
TOTAL			536.4
USE			537

PAVED SHOULDER REMOVAL

STATION to STATION	WIDTH	AREA
	FOOT	SQ YD
OLD US 36		
LT STA 220+09.39 TO LT STA 221+46.40	3.00	52.27
LT STA 221+68.67 TO LT STA 222+33.35	3.00	28.06
RT STA 220+76.20 TO RT STA 223+47.67	AVE. 3.57	108.46
TOTAL		188.79
USE		189

PIPE CULVERT REMOVAL

STATION	SIDE	TYPE AND SIZE OF CULVERT	FEET
FARMINGDALE ROAD			
STA 10+96.60	LT	15" CMP	34
TOTAL			34

TEMPORARY RAMP

LOCATION	DEPTH	LENGTH	WIDTH	TEMP RAMP
	INCH	FOOT	FOOT	SQ YD
OLD US 36				
STA 214+94.7	1.50	5.00	24.0	13.3
STA 226+45.2	1.50	5.00	22.0	12.2
FARMINGDALE				
STA 12+50	1.50	5.00	22.0	12.2
STA 10+11.3	1.50	5.00	110.0	61.1
TOTAL				98.9
USE				99

HOT-MIX ASPHALT SHOULDERS

STATION TO STATION	SIDE	TON
OLD US 36		
STA 215+73.00 TO STA 220+09.39	LT	20.36
STA 222+33.35 TO STA 225+95.20	LT	16.89
STA 225+95.20 TO STA 226+45.20	LT	1.40
STA 215+73.00 TO STA 220+76.20	RT	23.48
STA 220+76.20 TO STA 220+94.62	RT	0.64
STA 221+42.85 TO STA 221+59.00	RT	0.56
STA 221+59.00 TO STA 225+95.20	RT	20.36
STA 225+95.20 TO STA 226+45.20	RT	1.40
TOTAL		85.09
USE		85

HOT-MIX ASPHALT SHOULDERS 8"

STATION to STATION	SIDE	HMA SHLD 8"
		SQ YD
FARMINGDALE ROAD - NW QUAD		
	LT	95.0
FARMINGDALE ROAD - NE QUAD		
	RT	106.0
TOTAL		201.0
USE		201

AGGREGATE SHOULDERS, TYPE B

STATION to STATION	SIDE	LENGTH	AGG SHLD TYPE B 2 1/2"	AGG SHLD TYPE B 8"
		FEET	TON	TON
OLD US 36				
STA 214+94.70 TO STA 215+73.00	LT	78.3	4.21	
STA 214+94.70 TO STA 220+09.39	LT	436.4	8.95	
STA 222+33.35 TO STA 226+45.20	LT	411.9	8.44	
STA 214+94.70 TO STA 215+73.00	RT	78.3	4.21	
STA 215+73.00 TO STA 220+98.18	RT	525.2	10.77	
STA 221+39.41 TO STA 226+45.20	RT	505.8	10.37	
FARMINGDALE ROAD				
STA 11+19 TO STA 12+50	LT	131		26.54
STA 12+37 TO STA 12+50	RT	13		2.63
TOTAL			46.94	29.17
USE				77

SUB-BASE GRANULAR MATERIAL, TYPE B

STATION TO STATION	DEPTH	AREA	SUB GRAN MAT, TY B
	FOOT	SQ YD	TON
OLD US 36			
STA 221+59 TO STA 223+47.67 - RT	0.5	97.82	33.42
FARMINGDALE ROAD			
STA 10+11.3 TO STA 12+00	0.5	912.0	311.6
TOWNSHIP ROAD 124			
STA 9+58.02 TO STA 9+88.50	0.5	124.1	42.4
TOTAL			387.42
USE			388

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
 SCHEDULE OF QUANTITIES  
 SHEET 2 OF 4  
 FAS 1613 (OLD US 36) AND  
 FARMINGDALE ROAD (CH 15)  
 SECTION 21N  
 SANGAMON COUNTY

SCALE: VERT. NONE HORIZ. NONE  
 DATE: AUGUST, 2004  
 DRAWN BY: DJK  
 CHECKED BY: DBS



F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1613	21N	SANGAMON	46	9
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

PAVING SCHEDULE

LOCATION	LEVELING BINDER (MACHINE METHOD), N50	HMA SURFACE COURSE, MIX "C", N50	BITUMINOUS MATERIALS (PRIME COAT)	AGGREGATE (PRIME COAT)
LOCATION	TON	TON	TON	TON
<b>OLD US 36 - MAINLINE</b>				
STA 214+94.70 TO STA 215+73.00	5.6	16.8	0.15	0.80
STA 215+73.00 TO STA 225+95.20	139.9	209.9	2.36	12.45
STA 225+95.20 TO STA 226+45.20	3.4	10.2	0.09	0.49
<b>OLD US 36 - WIDENING</b>				
STA 221+59.00 TO STA 223+47.67	3.7	5.5	0.05	0.26
<b>TOWNSHIP ROAD 124</b>				
STA 9+58.02 TO STA 9+88.70	6.3	9.4	0.24	0.67
<b>FARMINGDALE ROAD</b>				
STA 10+11.30 TO STA 12+00.00	49.5	74.2	2.37	6.51
STA 12+00.00 TO STA 12+50.00	3.4	10.3	0.14	0.73
<b>TOTAL</b>	<b>212</b>	<b>337</b>	<b>6</b>	<b>22</b>

HOT-MIX ASPHALT BASE COURSE

STATION TO STATION	HMA BASE COURSE 6.5"	HMA BASE COURSE 10"
	SQ YD	SQ YD
<b>TOWNSHIP ROAD</b>		
STA 9+58.02 TO STA 9+88.7	114.1	
<b>FARMINGDALE ROAD</b>		
STA 10+11.3 TO STA 12+00		883.2
<b>TOTAL</b>	<b>114.1</b>	<b>883.2</b>
<b>USE</b>	<b>115</b>	<b>884</b>

DRAINAGE SCHEDULE

LOCATION		PIPE CULVERTS		END SECTIONS	TRENCH BACKFILL	EXPLORATION TRENCH
		RCCP	CS/AA	PRECAST CONCRETE		
STATION	OFFSET	TY1	TY1	15"	(CU YD)	FOOT
		(FT)	(FT)	(EACH)		
<b>TOWNSHIP ROAD 124</b>						
STA 9+64.40 ON SKEW		24		2	7	10
<b>FARMINGDALE ROAD</b>						
STA 10+96.60	31' LT		46			
STA 12+12.84	30.5' RT		46			
<b>TOTAL</b>		<b>24</b>	<b>92</b>	<b>2</b>	<b>7</b>	<b>10</b>

HOT-MIX ASPHALT BASE COURSE WIDENING

STATION TO STATION	SIDE	HOT-MIX ASPHALT BASE COURSE WIDENING 10"
		SQ YD
<b>OLD US 36</b>		
STA 221+59 TO STA 223+47.67	RT	79.8
<b>TOTAL</b>		<b>79.8</b>
<b>USE</b>		<b>80</b>

SHOULDER RUMBLE STRIP

LOCATION	SHOULDER LENGTH (FOOT)
<b>OLD US 36 - MAINLINE</b>	
LT STA 215+73.00 TO STA 220+09.39	436.4
LT STA 222+33.35 TO STA 225+95.20	361.9
LT STA 225+95.20 TO STA 226+45.20	50.0
RT STA 215+73.00 TO STA 220+76.20	503.2
RT STA 223+47.67 TO STA 225+95.20	247.5
RT STA 225+95.20 TO STA 226+45.20	50.0
<b>TOTAL</b>	<b>1649</b>

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
**SCHEDULE OF QUANTITIES**  
 SHEET 3 OF 4  
 FAS 1613 (OLD US 36) AND  
 FARMINGDALE ROAD (CH 15)  
 SECTION 21N  
 SANGAMON COUNTY  
 VERT. NONE  
 SCALE: HORIZ.  
 DATE: AUGUST, 2004  
 DRAWN BY DJK  
 CHECKED BY DBS

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1613	21N	SANGAMON	46	10
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

SHORT TERM PAVEMENT MARKING  
WORK ZONE PAVEMENT MARKING REMOVAL

STATION TO STATION	CL YELLOW	WORK ZONE REMOVAL
	FOOT	SQ FT
OLD US 36 ON THE LEVELING BINDER STA 214+94.7 TO STA 226+45.2	108.00	
OLD US 36 ON THE SURFACE COURSE STA 214+94.7 TO STA 226+45.2	108.00	45.0
FARMINGDALE ROAD ON THE BASE COURSE STA 10+11.3 TO STA 12+50	24	
FARMINGDALE ROAD ON THE SURFACE COURSE STA 10+11.3 TO STA 12+50	24	10.0
FARMINGDALE ROAD ON THE BASE COURSE STA 10+33 - 0' LFT TO 20' LFT	40	
FARMINGDALE ROAD ON THE SURFACE COURSE STA 10+33 - 0' LFT TO 20' LFT	40	16.7
TOTAL	344	71.7
USE	344	72

SIGNS AND POSTS

LOCATION	SIDE	OFFSET FOOT	SIGN PANEL - TYPE 1 (3' X 3' STOP SIGN)	TEL. STEEL SIGN SUPPORT
			SQ FT	RURAL FOOT
TOWNSHIP ROAD 124 STA 9+77.3	RT	18.3	9.0	11
FARMINGDALE ROAD STA 10+33.8	LT	29.8	9.0	11
TOTAL			18	22

PAINT PAVEMENT MARKING - LINE 5"

STATION TO STATION	SIDE	DESCRIPTION	YELLOW	WHITE
			FOOT	FOOT
OLD US 36 STA 214+94.7 TO STA 220+00 STA 221+00 TO STA 226+45.2		10' -30' SKIP DASH CL 10' -30' SKIP DASH CL	140 150	
FARMINGDALE ROAD STA 10+11.3 TO STA 12+50		10' -30' SKIP DASH CL	70	
OLD US 36 STA 214+94.7 TO STA 220+09.39 STA 214+94.7 TO STA 220+75.93 STA 221+59.0 TO STA 226+45.2 STA 222+33.35 TO STA 226+45.2	LT RT RT LT	EDGE LINE EDGE LINE EDGE LINE EDGE LINE		514.7 581.2 486.2 411.9
TOWNSHIP ROAD 124 STOP BAR TO STA 221+59.0	RT	EDGE LINE		21.5
FARMINGDALE ROAD AROUND RADIUS - NW CORNER STA 10+73.24 TO STA 12+50 AROUND RADIUS - NE CORNER STA 11+84.73 TO STA 12+50	LT LT RT RT	EDGE LINE EDGE LINE EDGE LINE EDGE LINE		170.8 176.8 191.4 65.3
TOTAL			360	2,620
USE			2,980	

PREFORMED PLASTIC PAVEMENT MARKING,  
TYPE B - INLAID - LINE 24"

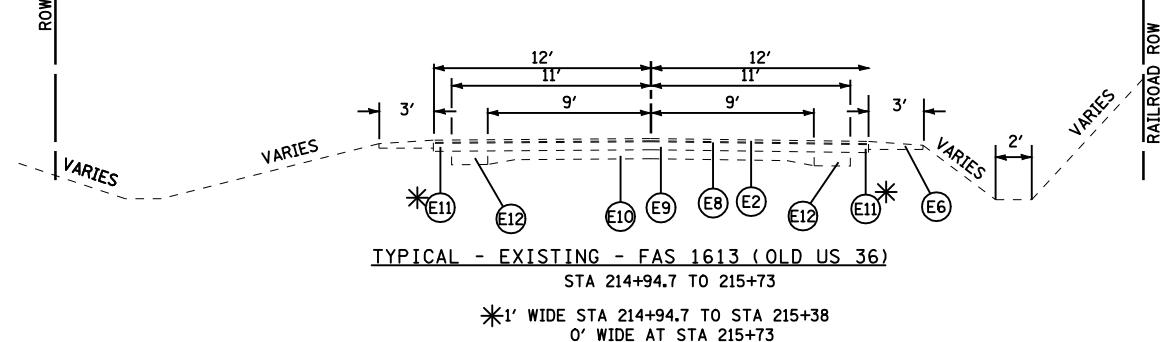
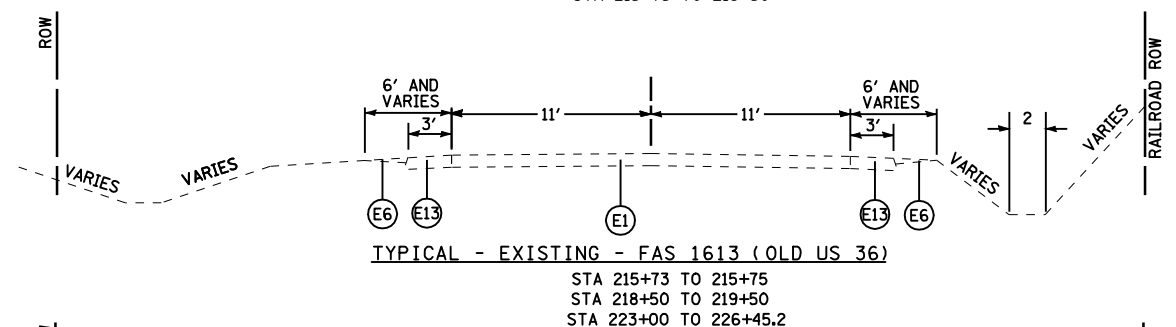
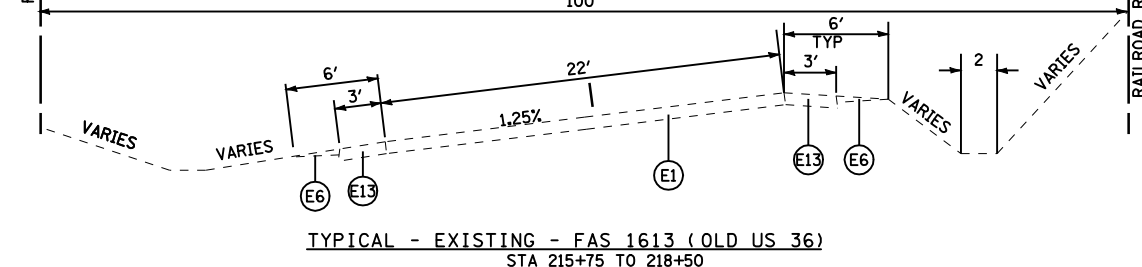
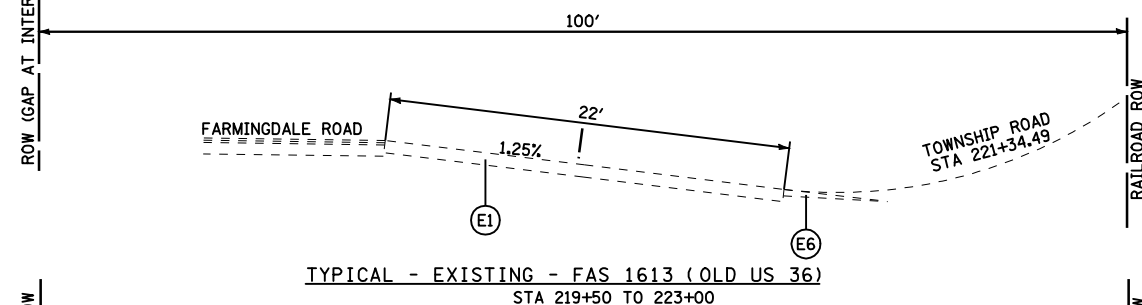
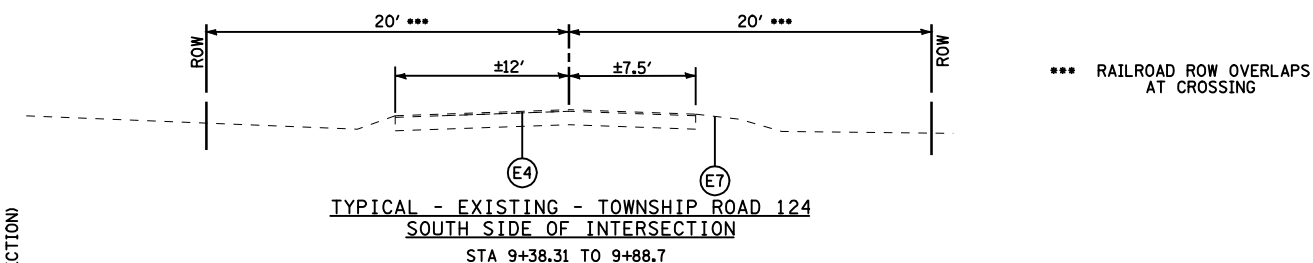
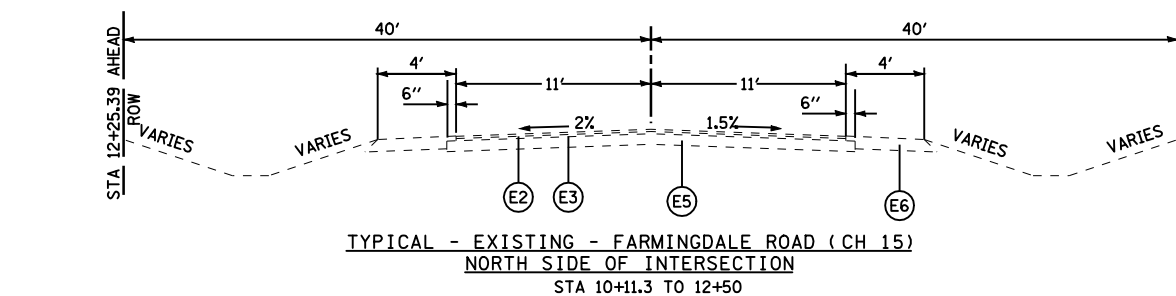
STATION TO STATION	DESCRIPTION	WHITE
		FOOT
TOWNSHIP ROAD 124 STA 9+76.2 - 0' RT TO STA 9+79.7 - 13.2' RT	STOP BAR	13.3
FARMINGDALE ROAD STA 10+33 - 0' LT TO STA 10+33 22.7' LT	STOP BAR	22.7
TOTAL		36

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
SCHEDULE OF QUANTITIES  
SHEET 4 OF 4  
FAS 1613 (OLD US 36) AND  
FARMINGDALE ROAD (CH 15)  
SECTION 21N  
SANGAMON COUNTY

SCALE: VERT. NONE HORIZ. NONE  
DATE: AUGUST, 2004  
DRAWN BY DJK  
CHECKED BY DBS

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1613	21N	SANGAMON	46	11
STA. 214+94.7 TO STA. 226+45.2 OLD US 36				
STA. 10+11.3 TO STA. 12+50 FARMINGDALE RD				
STA. 9+38.31 TO STA. 9+88.7 TOWNSHIP ROAD				
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



NOTE: SUPERELEVATION EXAGGERATED ON THESE TYPICAL SECTIONS

SUPERELEVATION TRANSITION AND RUNOUT STATIONS ARE APPROXIMATE AND TAKEN FROM THE FIELD SURVEY AND OLD CONSTRUCTION PLANS

LEGEND

- (E1) EX 8" PCC PAVEMENT
- (E2) EX HOT-MIX ASPHALT SURFACE COURSE, 1/2"
- (E3) EX HOT-MIX ASPHALT BINDER COURSE, 1/2"
- (E4) EX OIL AND CHIP SURFACE ON AN AGGREGATE BASE (UNKNOWN DEPTH)
- (E5) EX BITUMINOUS AGGREGATE MIXTURE BASE COURSE (MS-1500), 7"
- (E6) EX AGGREGATE SHOULDER
- (E7) EX EARTH SHOULDER
- (E8) EX HOT-MIX ASPHALT CONCRETE BINDER COURSE, 3/4"
- (E9) EX HOT-MIX ASPHALT RESURFACING - 5/4"
- (E10) EX 9" - 6" - 9" PCC PAVEMENT
- (E11) EX HOT-MIX ASPHALT SHOULDER - 6"
- (E12) EX CONCRETE WIDENING - 9"
- (E13) EX HOT-MIX ASPHALT SHOULDER - 8"

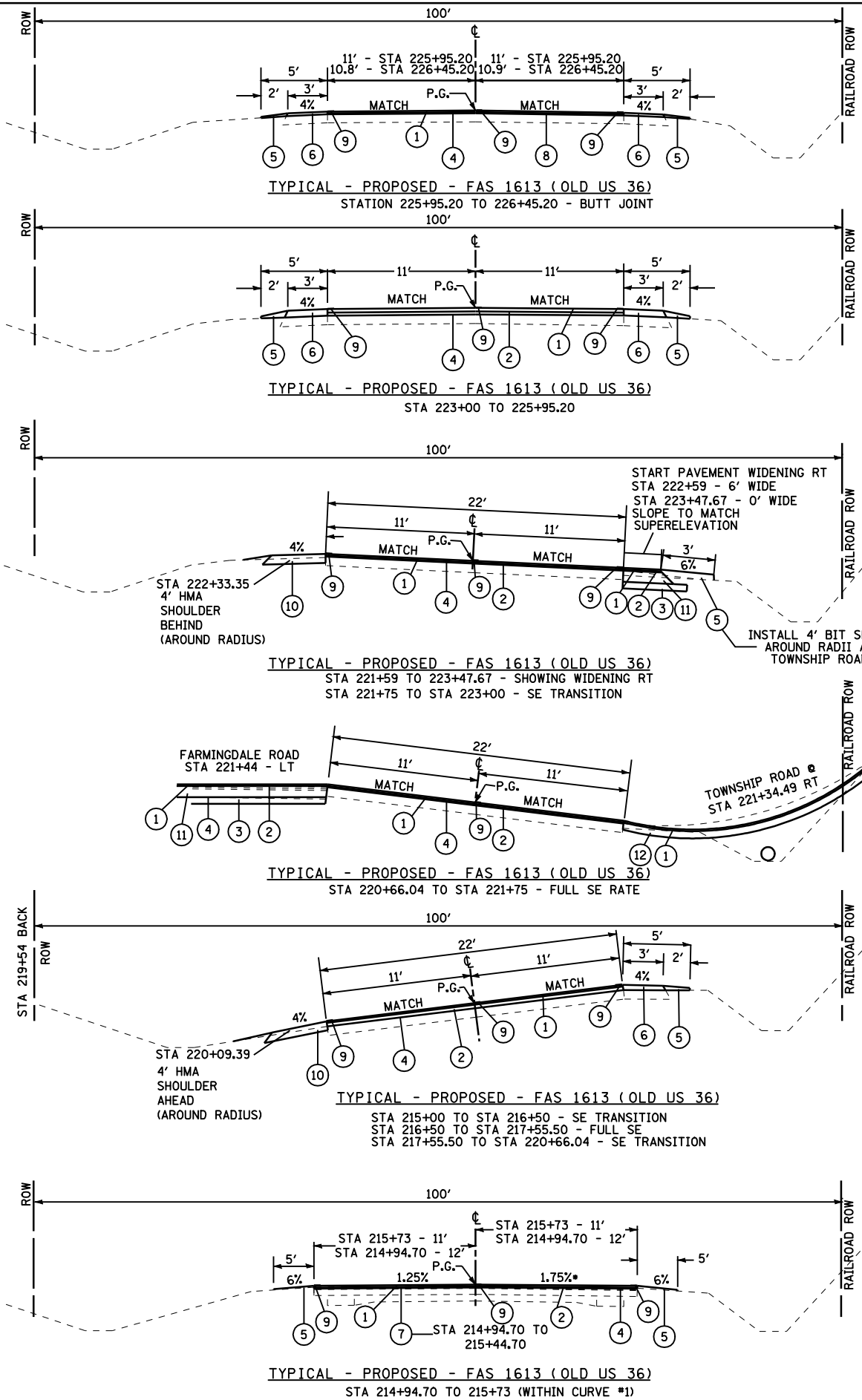
TYPICAL SECTIONS - EXISTING

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
TYPICAL SECTIONS  
SHEET 1 OF 3  
F.A.S. ROUTE 1613 (OLD US 36)  
WITH FARMINGDALE ROAD (CH 15)  
SECTION 21N  
SANGAMON COUNTY

SCALE: NTS  
DATE: OCT, 2003  
DRAWN BY: DJK  
CHECKED BY: DBS

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1613	21N	SANGAMON	46	12
STA. 214+94.7 TO STA. 226+45.2		OLD US 36		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

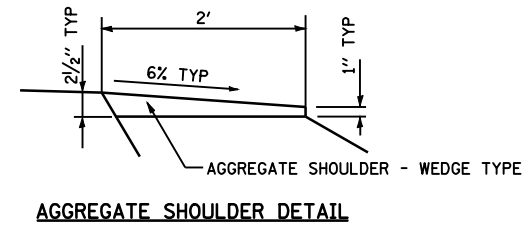


**LEGEND**

- 1 PROPOSED HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50 (1 1/2")
- 2 PROPOSED LEVELING BINDER (MACHINE METHOD), N50  
DEPTH VARIES - AVERAGE THICKNESS - 1"
- 3 PROPOSED SUB-BASE GRANULAR MATERIAL TYPE B (6")
- 4 PROPOSED BITUMINOUS MATERIALS (PRIME COAT)
- 5 PROPOSED AGGREGATE SHOULDERS, TYPE B (WEDGE)
- 6 PROPOSED HOT-MIX ASPHALT SHOULDERS
- 7 PROPOSED HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT
- 8 PROPOSED PORTLAND CEMENT CONCRETE SURFACE REMOVAL - BUTT JOINT
- 9 PROPOSED PAINT PAVEMENT MARKING LINE, 5"
- 10 PROPOSED HOT-MIX ASPHALT SHOULDERS 8"
- 11 PROPOSED HOT-MIX ASPHALT BASE COURSE 10"
- 12 PROPOSED HOT-MIX ASPHALT BASE COURSE 6 1/2"
- 13 PROPOSED AGGREGATE SHOULDERS, TYPE B (8")

NOTE: SUPERELEVATION EXAGGERATED ON THESE TYPICAL SECTIONS

**SUMMARY-SUPERELEVATION CURVE DATA & PAVEMENT SLOPES**  
EXISTING SE RATES AND TRANSITIONS SHALL BE MATCHED

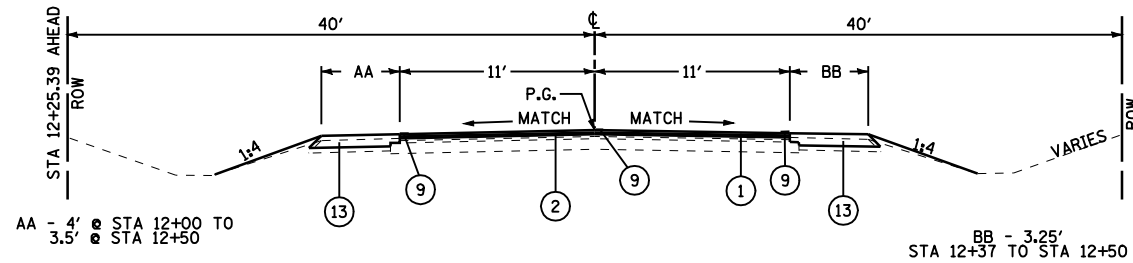


TYPICAL SECTIONS - PROPOSED

REVISIONS	
NAME	DATE

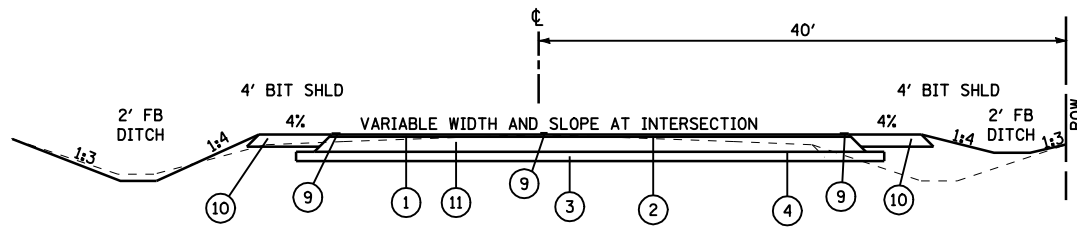
ILLINOIS DEPARTMENT OF TRANSPORTATION  
TYPICAL SECTIONS  
SHEET 2 OF 3  
F.A.S. ROUTE 1613 (OLD US 36)  
WITH FARMINGDALE ROAD (CH 15)  
SECTION 21N  
SANGAMON COUNTY  
SCALE: NTS  
DATE: OCT, 2003  
DRAWN BY: DJK  
CHECKED BY: DBS

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1613	21N	SANGAMON	46	13
STA. 10+00 TO STA. 12+50 FARMINGDALE RD				
STA. 9+38.31 TO STA. 10+00 TOWNSHIP ROAD				
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



TYPICAL - PROPOSED - FARMINGDALE ROAD (CH 15)  
NORTH SIDE OF INTERSECTION

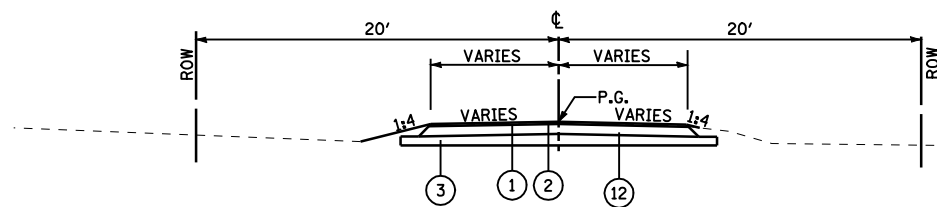
STA 12+00 TO STA 12+50  
MATCH EXISTING PAVEMENT WIDTH AT 12+50



TYPICAL - PROPOSED - FARMINGDALE ROAD (CH 15)  
NORTH SIDE OF INTERSECTION

STA 10+11.3 TO STA 12+00

STA 9+88.7 TO STA 10+00 - TOWNSHIP ROAD  
STA 10+00 TO STA 10+11.3 - FARMINGDALE ROAD  
SEE OLD US 36 TYPICALS FOR OVERLAP  
OLD US 36 TYPICALS GOVERN

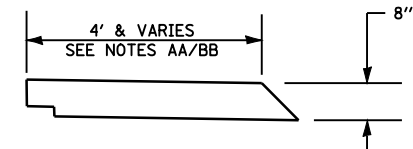


TYPICAL - PROPOSED - TOWNSHIP ROAD  
SOUTH SIDE OF INTERSECTION

STA 9+58.02 TO STA 9+88.70

LEGEND

- ① PROPOSED HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50 (1 1/2")
- ② PROPOSED LEVELING BINDER (MACHINE METHOD), N50  
DEPTH VARIES - AVERAGE THICKNESS - 1"
- ③ PROPOSED SUB-BASE GRANULAR MATERIAL TYPE B (6")
- ④ PROPOSED BITUMINOUS MATERIALS (PRIME COAT)
- ⑤ PROPOSED AGGREGATE SHOULDERS, TYPE B (WEDGE)
- ⑥ PROPOSED HOT-MIX ASPHALT SHOULDERS
- ⑦ PROPOSED HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT
- ⑧ PROPOSED PORTLAND CEMENT CONCRETE SURFACE REMOVAL - BUTT JOINT
- ⑨ PROPOSED PAINT PAVEMENT MARKING LINE, 5"
- ⑩ PROPOSED HOT-MIX ASPHALT SHOULDERS 8"
- ⑪ PROPOSED HOT-MIX ASPHALT BASE COURSE 10"
- ⑫ PROPOSED HOT-MIX ASPHALT BASE COURSE 6 1/2"
- ⑬ PROPOSED AGGREGATE SHOULDERS, TYPE B (8")



AGGREGATE SHOULDER DETAIL - FARMINGDALE

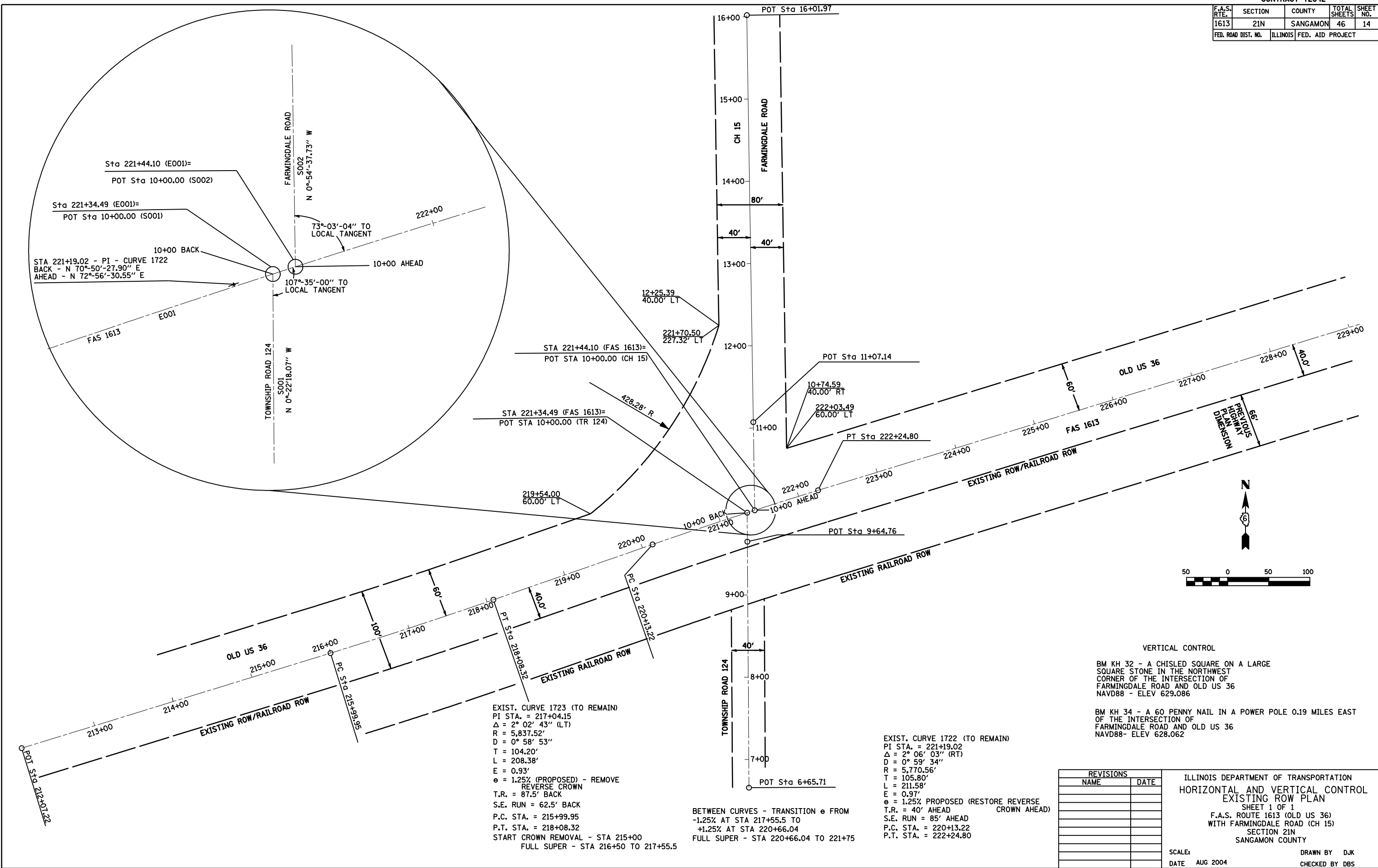
TYPICAL SECTIONS - PROPOSED

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
TYPICAL SECTIONS  
SHEET 3 OF 3  
F.A.S. ROUTE 1613 (OLD US 36)  
WITH FARMINGDALE ROAD (CH 15)  
SECTION 21N  
SANGAMON COUNTY

SCALE: NTS  
DATE: AUG, 2003  
DRAWN BY: DJK  
CHECKED BY: DBS

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1613	21N	SANGAMON	46	14
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	



EXIST. CURVE 1723 (TO REMAIN)  
 PI STA. = 217+04.15  
 $\Delta = 2^\circ 02' 43''$  (LT)  
 $R = 5,837.52'$   
 $D = 0^\circ 58' 53''$   
 $T = 104.20'$   
 $L = 208.38'$   
 $E = 0.93'$   
 $e = 1.25\%$  (PROPOSED) - REMOVE REVERSE CROWN  
 $T.R. = 87.5'$  BACK  
 $S.E. RUN = 62.5'$  BACK  
 $P.C. STA. = 215+99.95$   
 $P.T. STA. = 218+08.32$   
 START CROWN REMOVAL - STA 215+00  
 FULL SUPER - STA 216+50 TO 217+55.5

BETWEEN CURVES - TRANSITION  $e$  FROM  
 $-1.25\%$  AT STA 217+55.5 TO  
 $+1.25\%$  AT STA 220+66.04  
 FULL SUPER - STA 220+66.04 TO 221+75

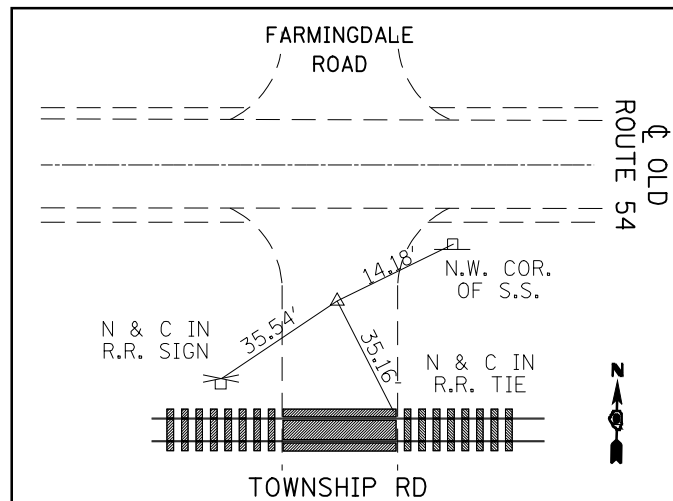
EXIST. CURVE 1722 (TO REMAIN)  
 PI STA. = 221+19.02  
 $\Delta = 2^\circ 06' 03''$  (RT)  
 $D = 0^\circ 59' 34''$   
 $R = 5,770.56'$   
 $T = 105.80'$   
 $L = 211.58'$   
 $E = 0.97'$   
 $e = 1.25\%$  PROPOSED (RESTORE REVERSE CROWN AHEAD)  
 $T.R. = 40'$  AHEAD  
 $S.E. RUN = 85'$  AHEAD  
 $P.C. STA. = 220+13.22$   
 $P.T. STA. = 222+24.80$

REVISIONS	
NAME	DATE

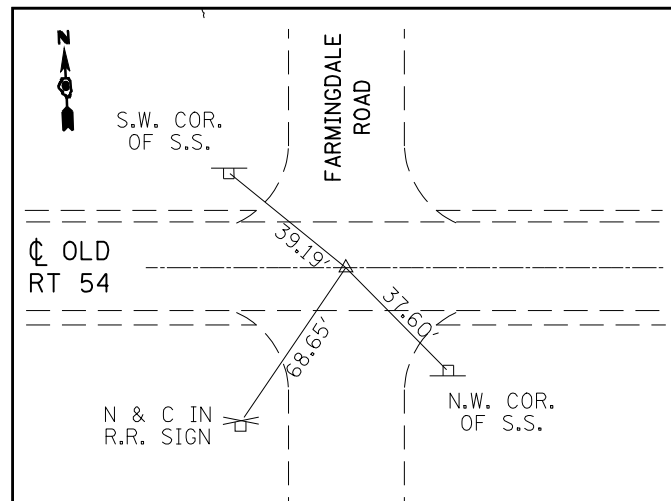
VERTICAL CONTROL  
 BM KH 32 - A CHISLED SQUARE ON A LARGE SQUARE STONE IN THE NORTHWEST CORNER OF THE INTERSECTION OF FARMINGDALE ROAD AND OLD US 36  
 NAVD88 - ELEV 629.086  
 BM KH 34 - A 60 PENNY NAIL IN A POWER POLE 0.19 MILES EAST OF THE INTERSECTION OF FARMINGDALE ROAD AND OLD US 36  
 NAVD88 - ELEV 628.062

ILLINOIS DEPARTMENT OF TRANSPORTATION  
 HORIZONTAL AND VERTICAL CONTROL  
 EXISTING ROW PLAN  
 SHEET 1 OF 1  
 F.A.S. ROUTE 1613 (OLD US 36)  
 WITH FARMINGDALE ROAD (CH 15)  
 SECTION 21N  
 SANGAMON COUNTY  
 SCALE: DATE AUG 2004  
 DRAWN BY DJK  
 CHECKED BY DBS

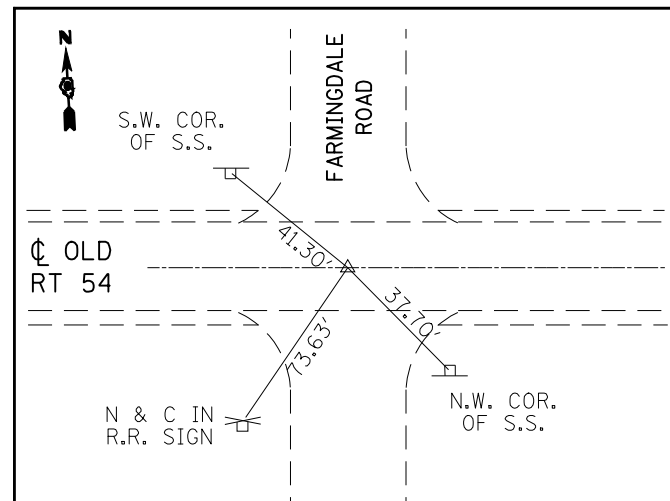
F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1613	21N	SANGAMON	46	14a
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	



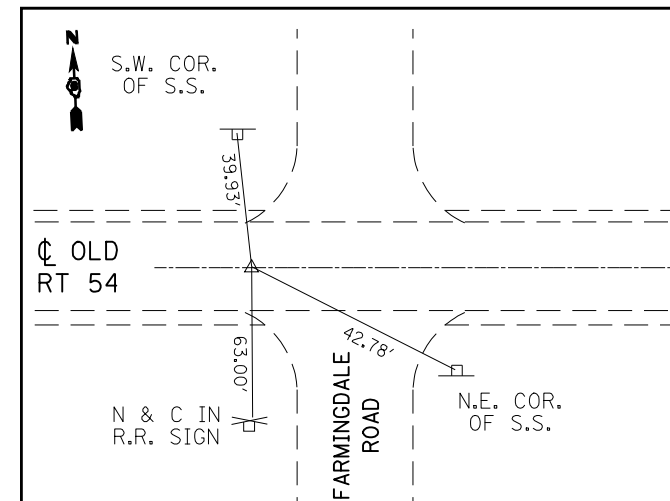
POT #1671 STA. 9+643.76  
( PK N&BC ) TOWNSHIP RD



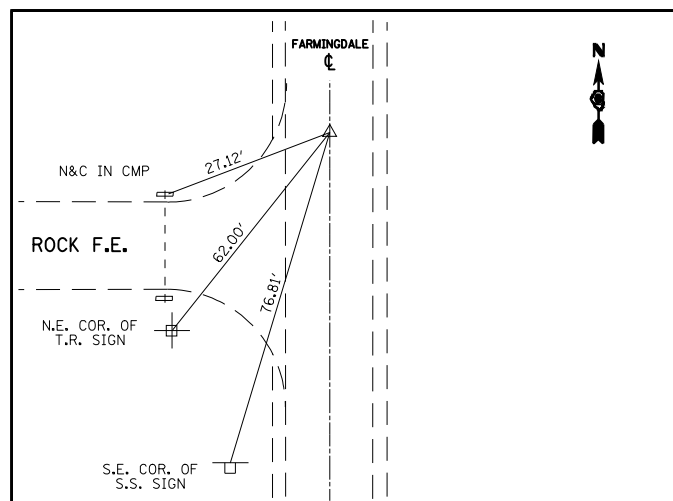
#1725 STA 10+00 = 221+34.49  
( DRILLED HOLE IN CHSLD. "X" )



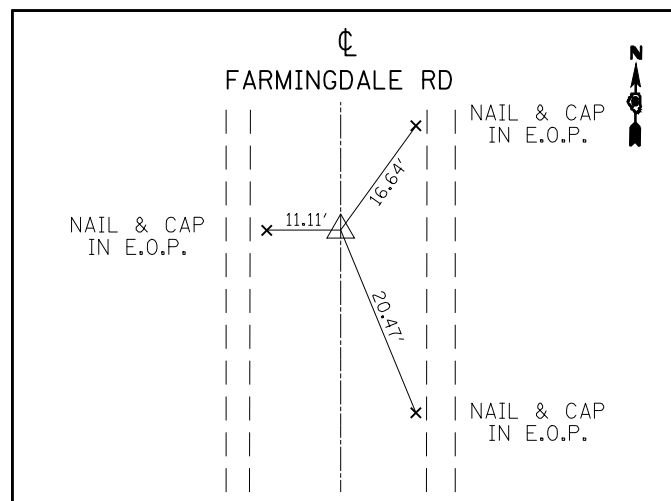
#1724 STA 10+00 = 221+44.10  
( DRILLED HOLE IN CHSLD. "X" )



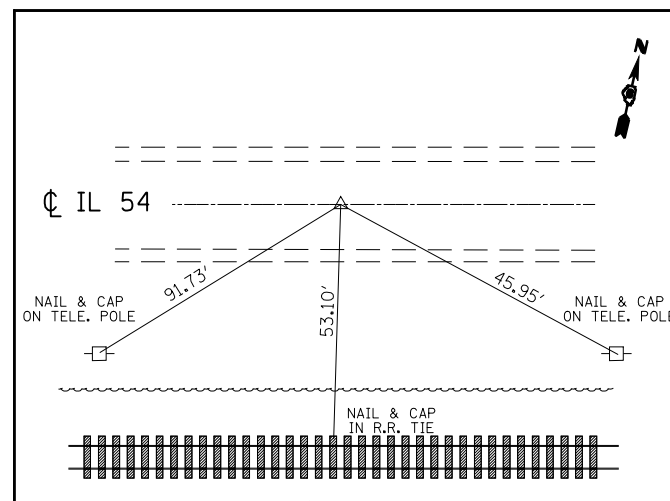
PI STA. 221+19.02  
( DRILL HOLE IN CHSLD "X" )



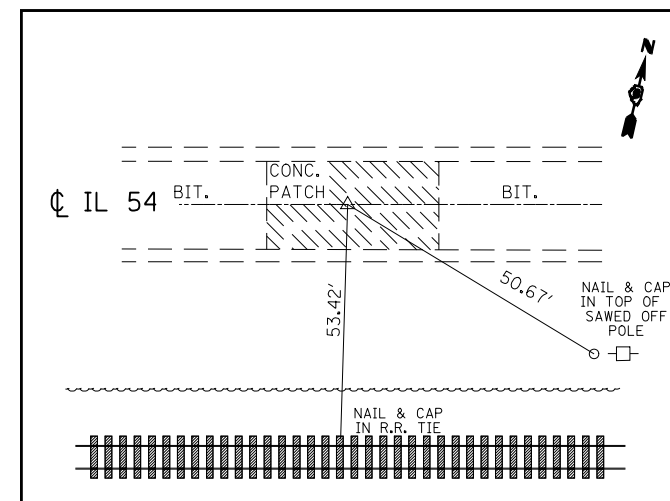
POT #1673 STA. 11+07.14  
( PK N&BC W/ CHSLD "X" )  
FARMINGDALE RD



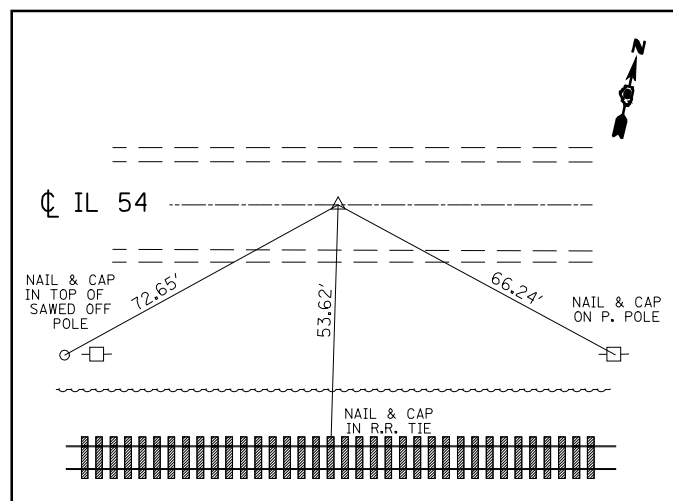
POT #1674 STA. 16+01.97  
( PK N&BC W/ CHSLD "X" )  
FARMINGDALE RD



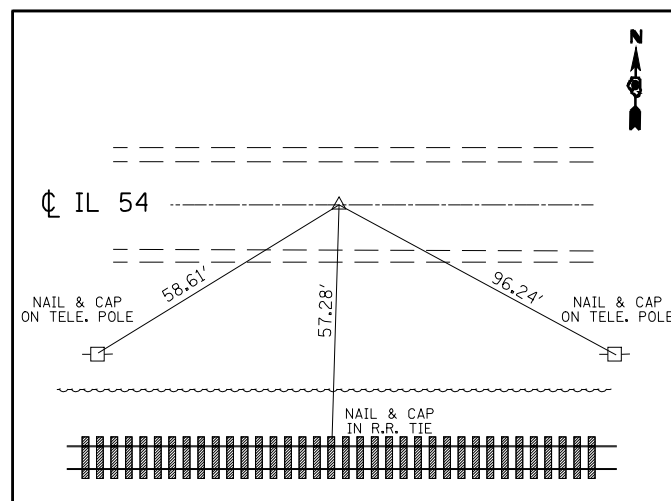
POT STA. 212+07.22  
( PK N&BC W/ CHSLD "X" )



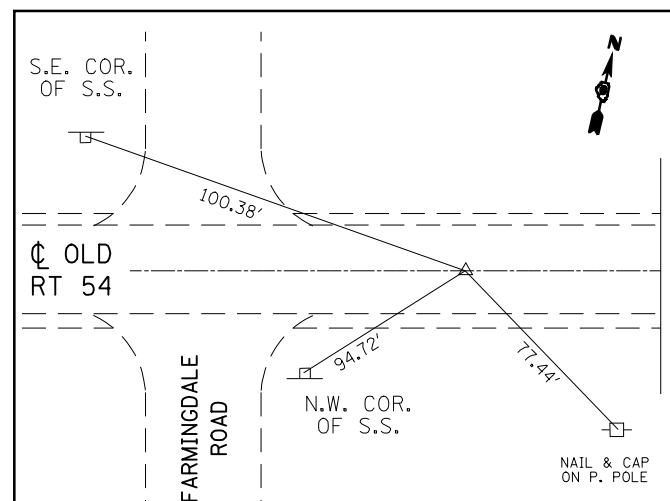
POT STA. 215+99.95  
( DRILL HOLE IN CHSLD "X" )



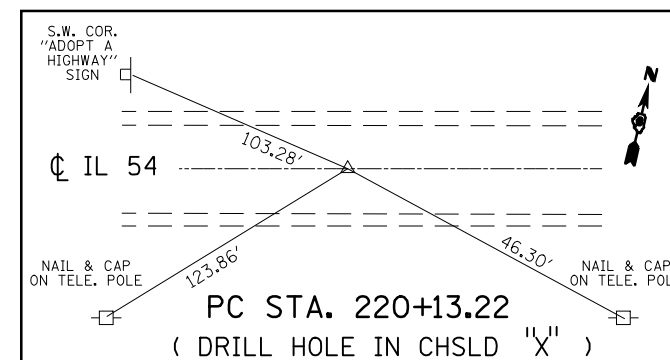
PI STA. 217+04.15  
( DRILL HOLE IN CHSLD "X" )



PT STA. 218+08.32  
( DRILL HOLE IN CHSLD "X" )



PT STA. 222+24.80  
( DRILL HOLE IN CHSLD "X" )



PC STA. 220+13.22  
( DRILL HOLE IN CHSLD "X" )

REVISIONS	
NAME	DATE

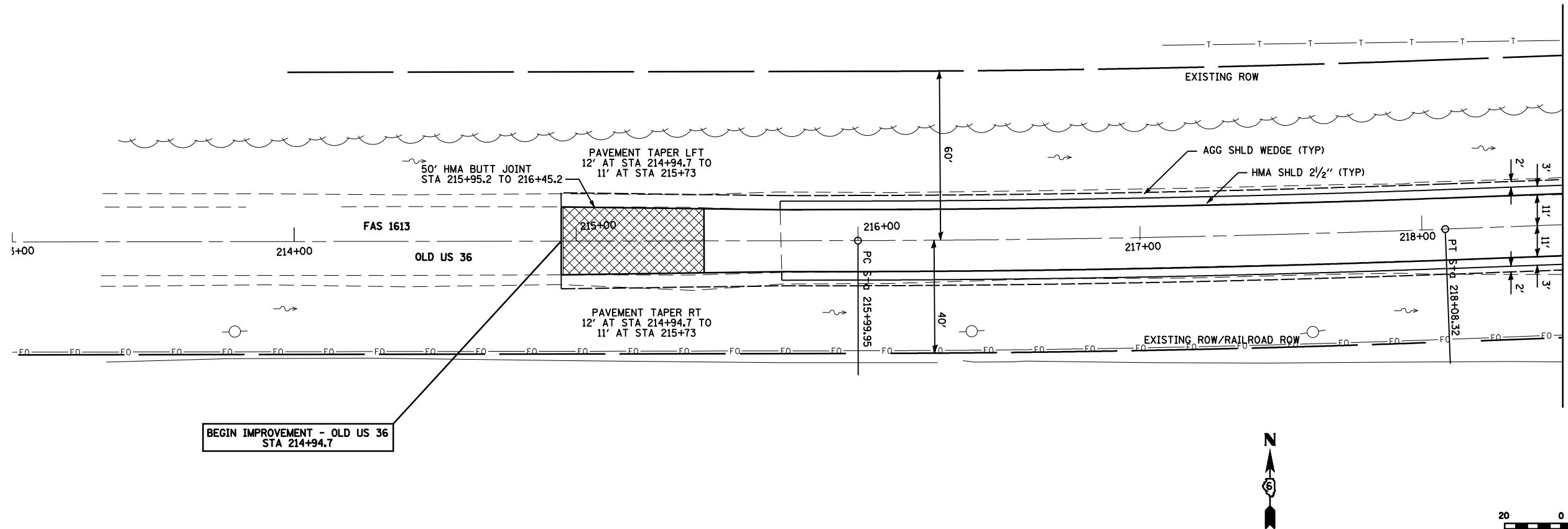
ILLINOIS DEPARTMENT OF TRANSPORTATION  
CROSS TIES  
FAS ROUTE 1613 ( OLD US 36 )  
AND FARMINGDALE ROAD ( CH 15 )  
SECTION 21N  
SANGAMON COUNTY

SCALE: VERT.  
HORIZ.  
DATE :

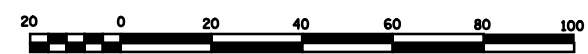
DRAWN BY  
CHECKED BY

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1613	21N	SANGAMON	46	15
STA. 214+94.7		TO STA. 218+50		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

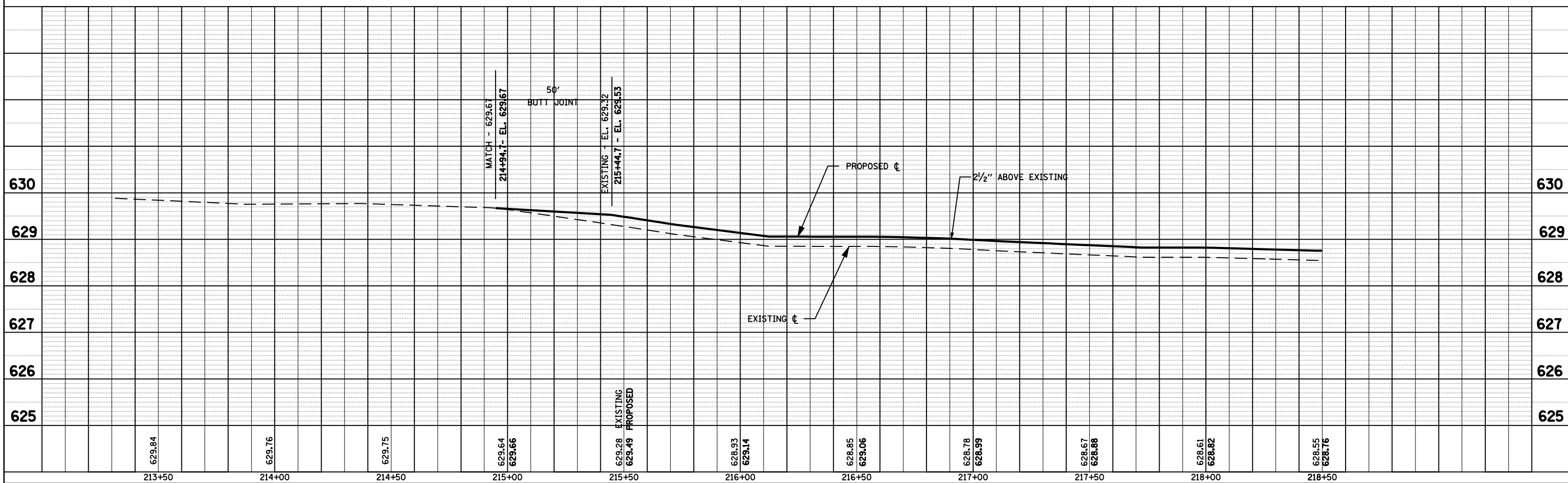
PLAN	SURVEYED	DATE
	PLOTTED	
	CHECKED	
	BY	
	NO. OF WAY CHECKED	
	CADD FILE NAME	



EXIST. CURVE 1723 (TO REMAIN)  
 PI STA. = 217+04.15  
 $\Delta = 2^\circ 02' 43''$  (LT)  
 $R = 5,837.52'$   
 $D = 0^\circ 58' 53''$   
 $T = 104.20'$   
 $L = 208.38'$   
 $E = 0.93'$   
 $e = 1.25\%$  (PROPOSED) - REMOVE REVERSE CROWN  
 T.R. = 87.5' BACK  
 S.E. RUN = 62.5' BACK  
 P.C. STA. = 215+99.95  
 P.T. STA. = 218+08.32  
 START CROWN REMOVAL - STA 215+00  
 FULL SUPER - STA 216+50 TO 217+55.5



PROFILE	SURVEYED	DATE
	PLOTTED	
	CHECKED	
	BY	
	NO. OF WAY CHECKED	
	STRUCTURE NOTATIONS CHKD	

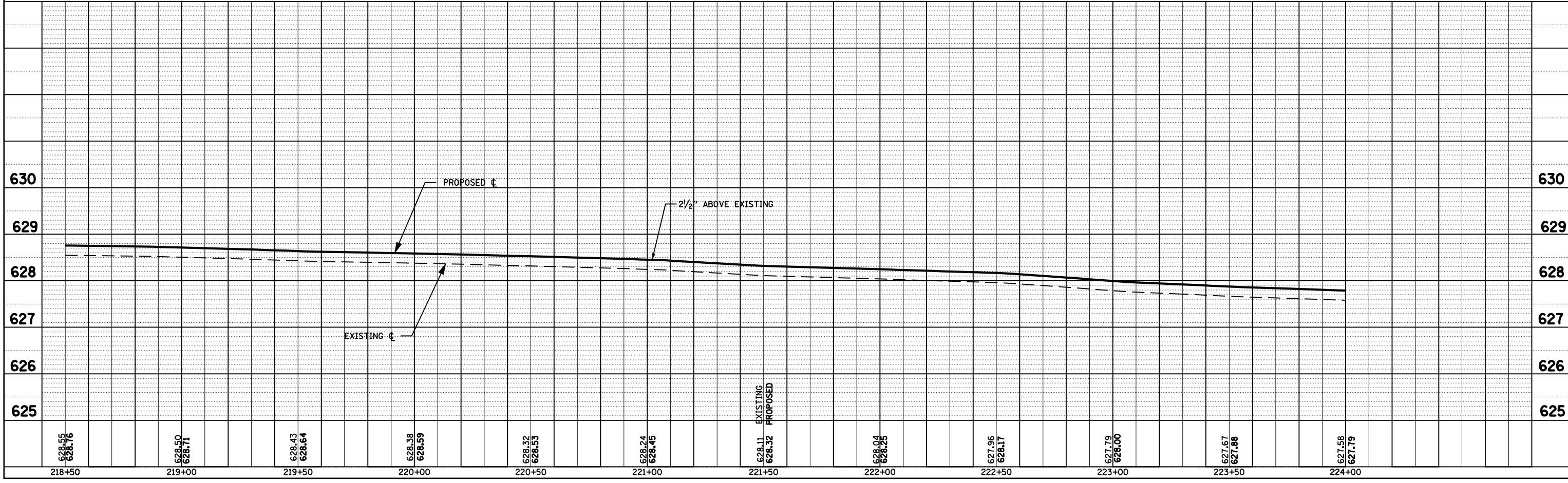
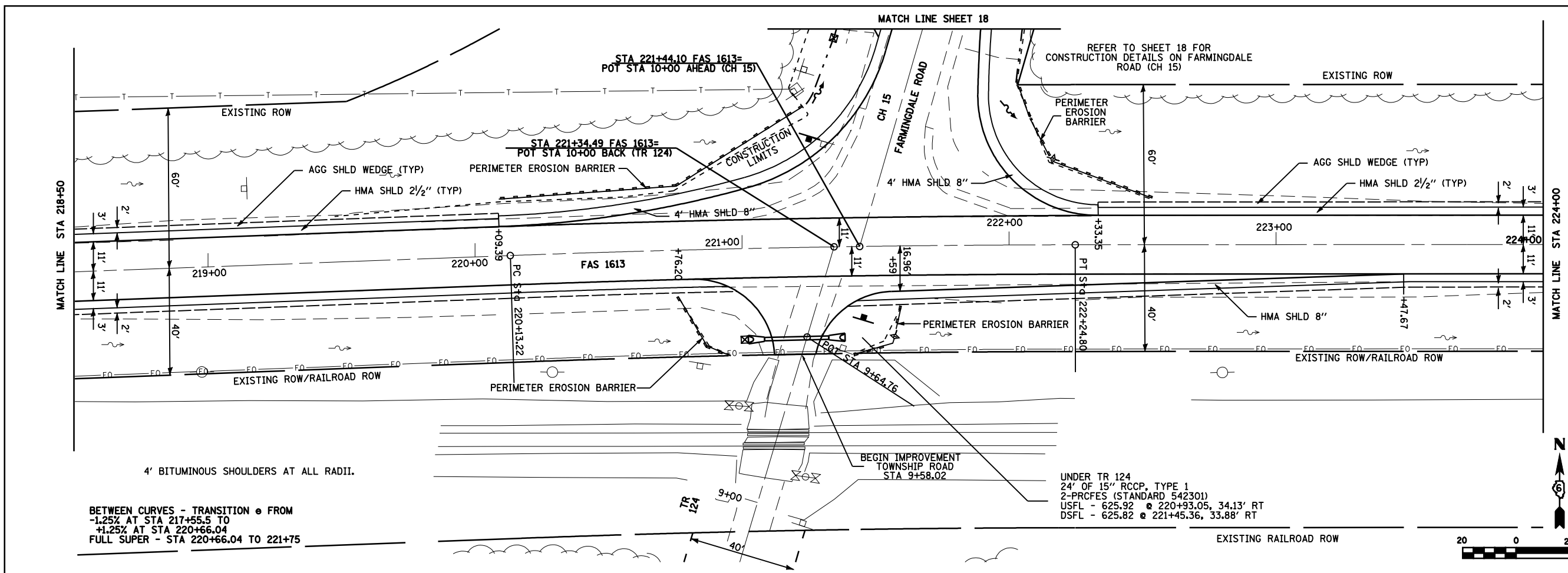




F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1613	21N	SANGAMON	46	16
STA. 218+50		TO STA. 224+00		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

PLAN	SURVEYED	DATE
	PLOTTED	
	CHECKED	
	BY	
	NO. OF WAY CHECKED	
	CADD FILE NAME	

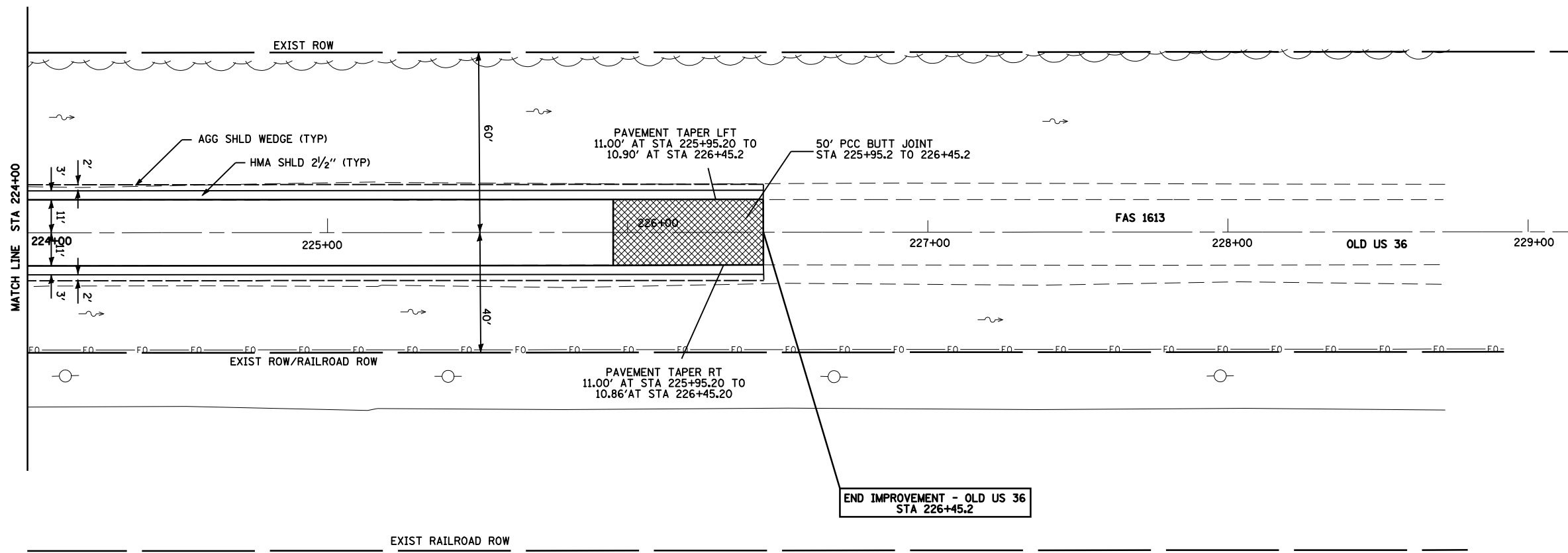
PROFILE	SURVEYED	DATE
	PLOTTED	
	CHECKED	
	BY	
	NO. OF WAY CHECKED	
	STRUCTURE NOTATIONS CHKD	



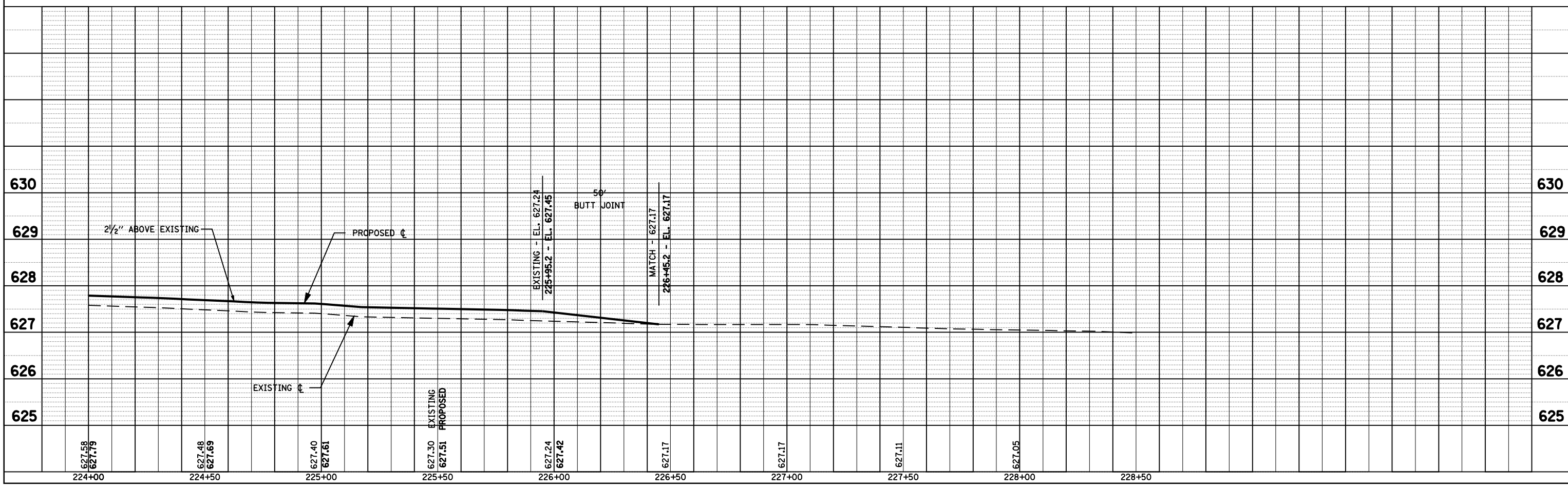
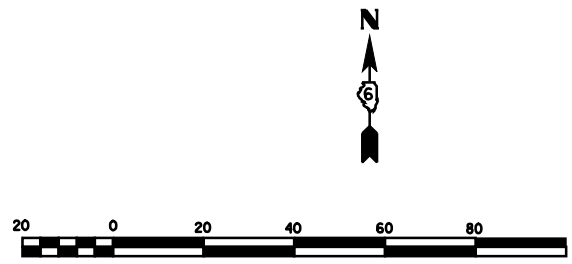
F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1613	21N	SANGAMON	46	17
STA. 224+00		TO STA. 226+45.2		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

PLAN	SURVEYED	DATE
	PLOTTED	
	CHECKED	
	BY	
	NO. OF WAY CHECKED	
	CADD FILE NAME	

PROFILE	SURVEYED	DATE
	PLOTTED	
	CHECKED	
	BY	
	NOTATION CHKD	



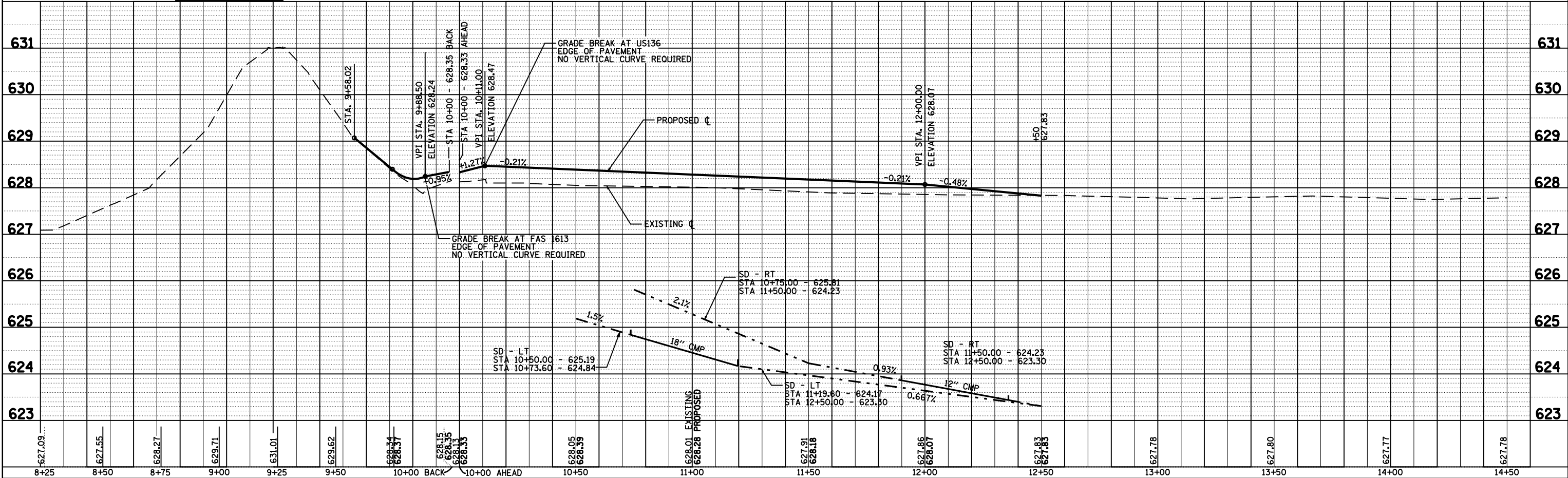
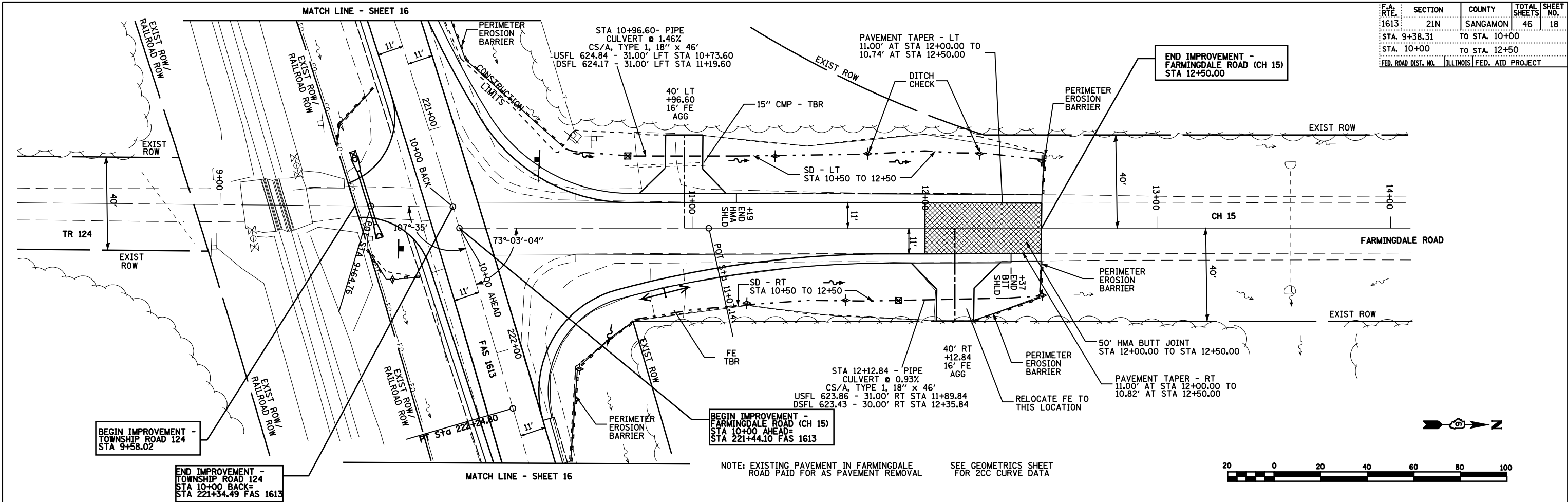
END IMPROVEMENT - OLD US 36  
STA 226+45.2



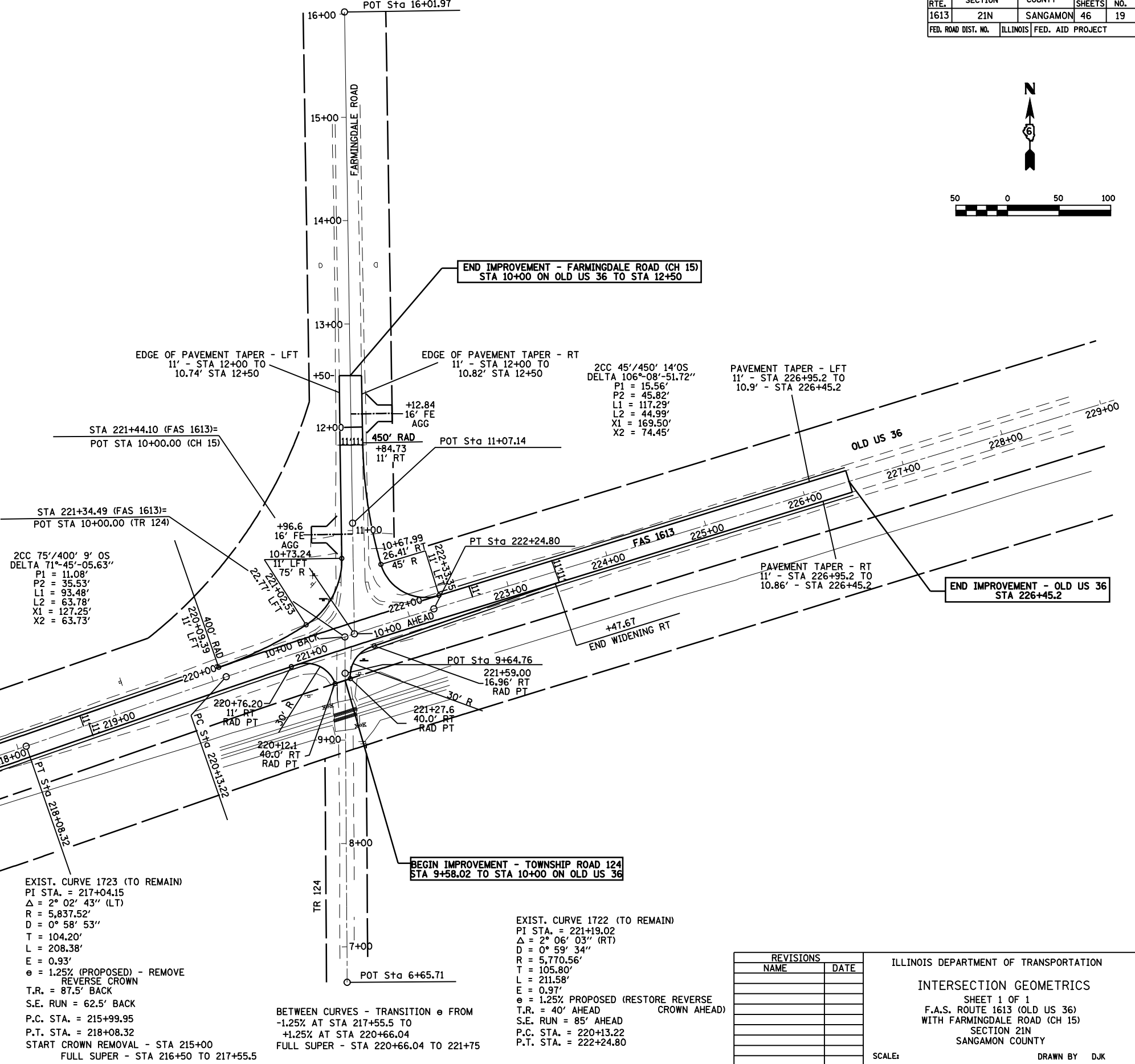
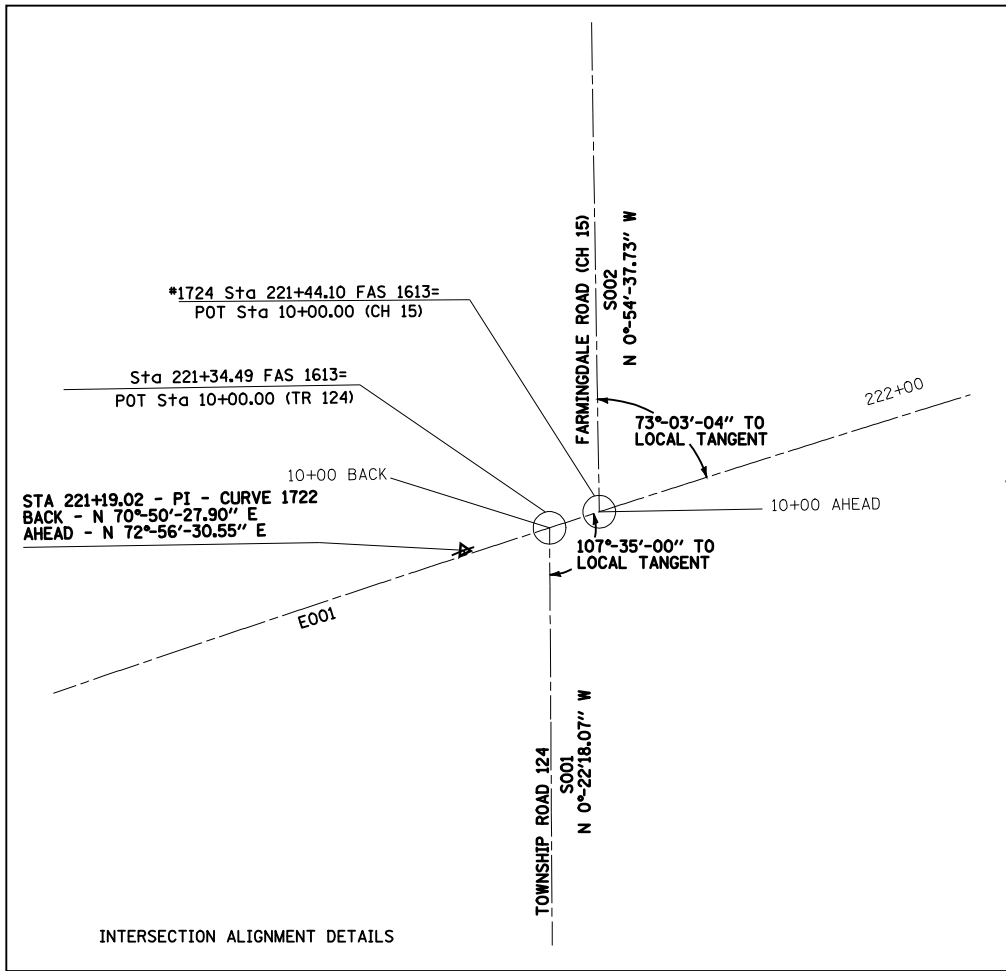
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1613	21N	SANGAMON	46	18
STA. 9+38.31		TO STA. 10+00		
STA. 10+00		TO STA. 12+50		
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			

DATE	BY	DATE

DATE	BY	DATE



F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1613	21N	SANGAMON	46	19
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

INTERSECTION GEOMETRICS

SHEET 1 OF 1

F.A.S. ROUTE 1613 (OLD US 36)  
WITH FARMINGDALE ROAD (CH 15)

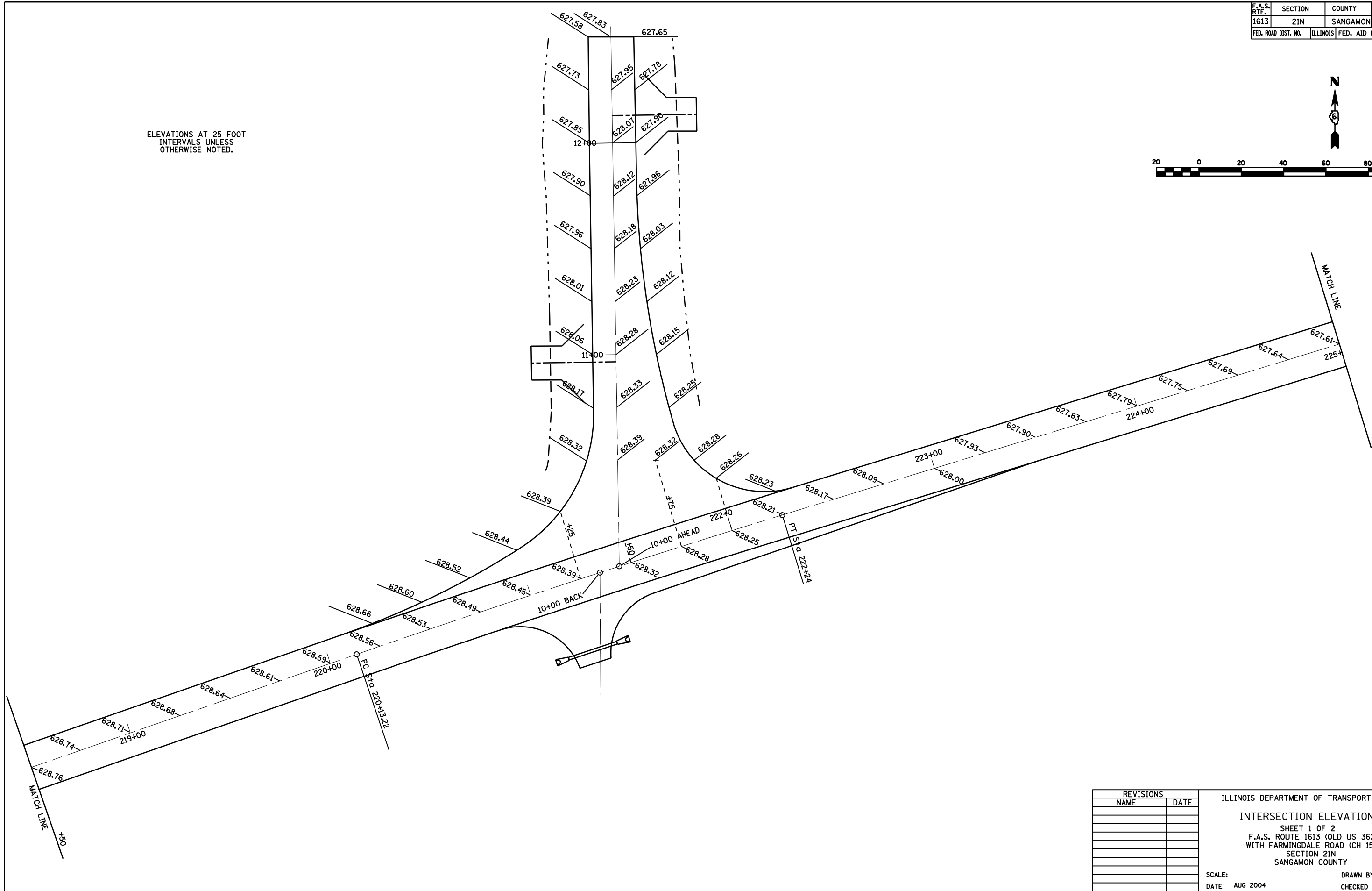
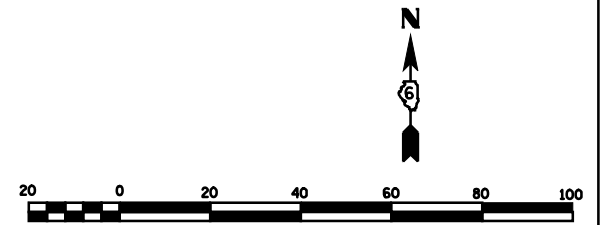
SECTION 21N  
SANGAMON COUNTY

SCALE: DATE AUG 2004

DRAWN BY DJK  
CHECKED BY DBS

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1613	21N	SANGAMON	46	20
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

ELEVATIONS AT 25 FOOT INTERVALS UNLESS OTHERWISE NOTED.

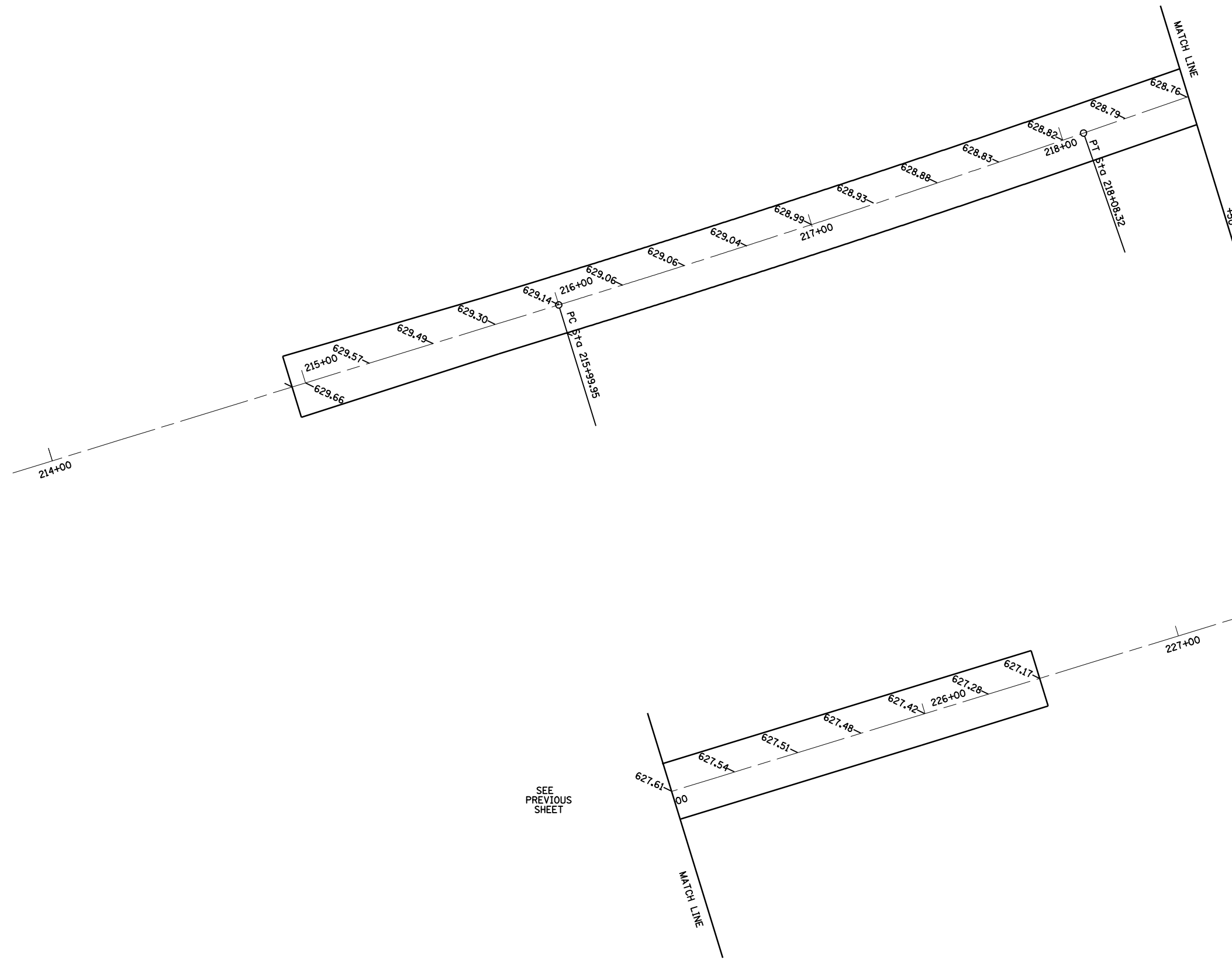


REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
 INTERSECTION ELEVATIONS  
 SHEET 1 OF 2  
 F.A.S. ROUTE 1613 (OLD US 36)  
 WITH FARMINGDALE ROAD (CH 15)  
 SECTION 21N  
 SANGAMON COUNTY

SCALE: DRAWN BY DJK  
 DATE AUG 2004 CHECKED BY DBS

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1613	21N	SANGAMON	46	21
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



SEE PREVIOUS SHEET

SEE PREVIOUS SHEET

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
 INTERSECTION ELEVATIONS  
 SHEET 2 OF 2  
 F.A.S. ROUTE 1613 (OLD US 36)  
 WITH FARMINGDALE ROAD (CH 15)  
 SECTION 21N  
 SANGAMON COUNTY

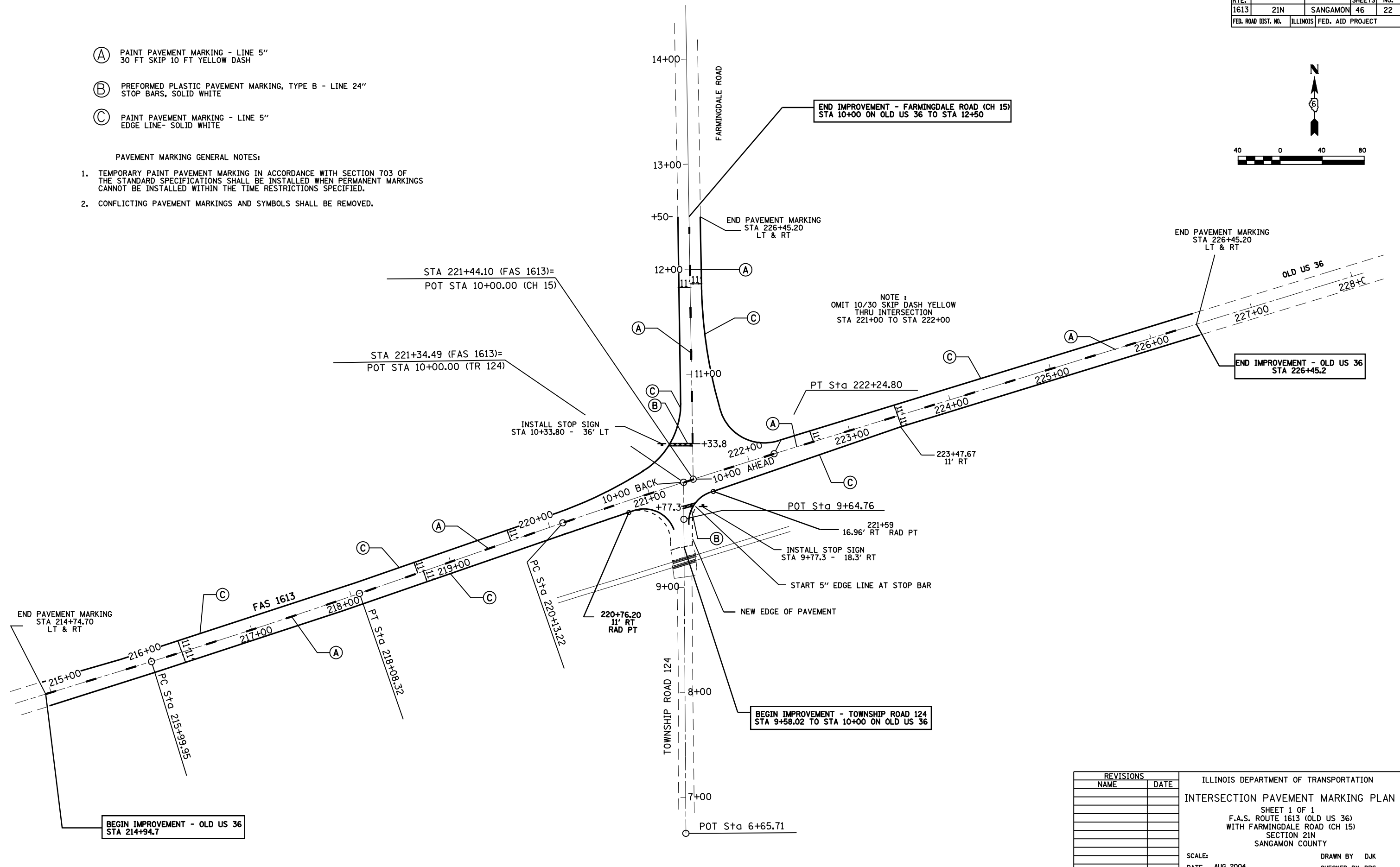
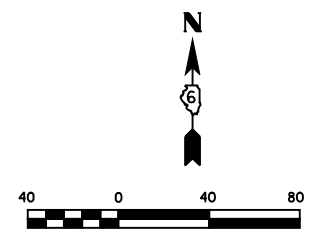
SCALE: DRAWN BY DJK  
 DATE AUG 2004 CHECKED BY DBS

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1613	21N	SANGAMON	46	22
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

- (A) PAINT PAVEMENT MARKING - LINE 5" 30 FT SKIP 10 FT YELLOW DASH
- (B) PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - LINE 24" STOP BARS, SOLID WHITE
- (C) PAINT PAVEMENT MARKING - LINE 5" EDGE LINE- SOLID WHITE

PAVEMENT MARKING GENERAL NOTES:

1. TEMPORARY PAINT PAVEMENT MARKING IN ACCORDANCE WITH SECTION 703 OF THE STANDARD SPECIFICATIONS SHALL BE INSTALLED WHEN PERMANENT MARKINGS CANNOT BE INSTALLED WITHIN THE TIME RESTRICTIONS SPECIFIED.
2. CONFLICTING PAVEMENT MARKINGS AND SYMBOLS SHALL BE REMOVED.



NOTE:  
OMIT 10/30 SKIP DASH YELLOW THRU INTERSECTION STA 221+00 TO STA 222+00

REVISIONS	
NAME	DATE

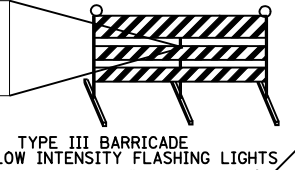
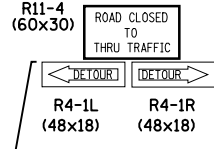
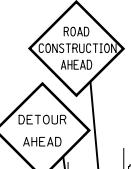
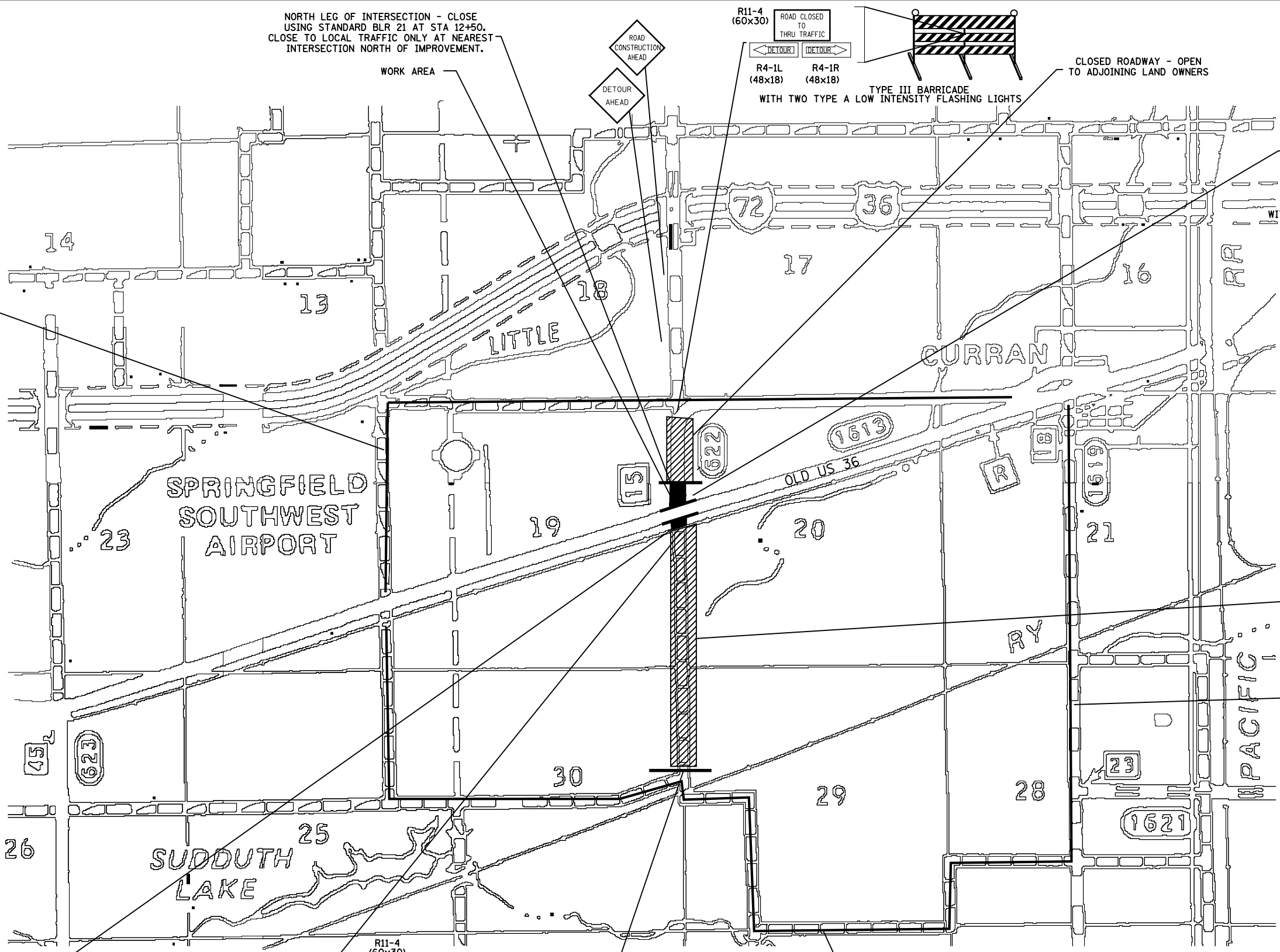
ILLINOIS DEPARTMENT OF TRANSPORTATION  
 INTERSECTION PAVEMENT MARKING PLAN  
 SHEET 1 OF 1  
 F.A.S. ROUTE 1613 (OLD US 36)  
 WITH FARMINGDALE ROAD (CH 15)  
 SECTION 21N  
 SANGAMON COUNTY  
 SCALE: DRAWN BY DJK  
 DATE AUG 2004 CHECKED BY DBS

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1613	21N	SANGAMON	46	23
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

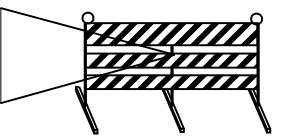
NORTH LEG OF INTERSECTION - CLOSE USING STANDARD BLR 21 AT STA 12+50. CLOSE TO LOCAL TRAFFIC ONLY AT NEAREST INTERSECTION NORTH OF IMPROVEMENT.

MAINTAIN TRAFFIC ON OLD US 36 AT ALL TIMES. WORK ON OLD US 36 TO BE DONE UNDER TRAFFIC.

DETOUR ROUTE



CLOSED ROADWAY - OPEN TO ADJOINING LAND OWNERS

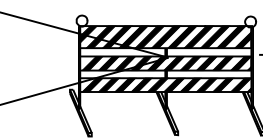
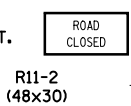


TYPE III BARRICADES WITH TWO TYPE A LOW INTENSITY FLASHING LIGHTS

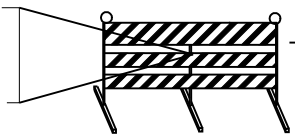
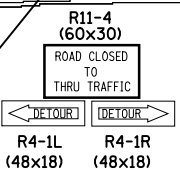
CLOSED ROADWAY - OPEN TO ADJOINING LAND OWNERS

DETOUR ROUTE

CLOSE SOUTH LEG OF INTERSECTION BETWEEN OLD US 36 AND RAILROAD TRACK AS PER STANDARD BLR 21. CLOSE TO LOCAL TRAFFIC ONLY AT CLOSEST INTERSECTION SOUTH OF IMPROVEMENT.



TYPE III BARRICADE WITH TWO TYPE A LOW INTENSITY FLASHING LIGHTS



TYPE III BARRICADE WITH TWO TYPE A LOW INTENSITY FLASHING LIGHTS

DETOUR ROUTE



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
 TRAFFIC DETOUR PLAN  
 FAS ROUTE 1613 (OLD US 36)  
 AND FARMINGDALE ROAD (CH 15)  
 SECTION 21N  
 SANGAMON COUNTY

SCALE: VERT. HORIZ. DATE: AUGUST, 2004

DRAWN BY DJK  
 CHECKED BY DBS



F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1613	21N	SANGAMON	46	24
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

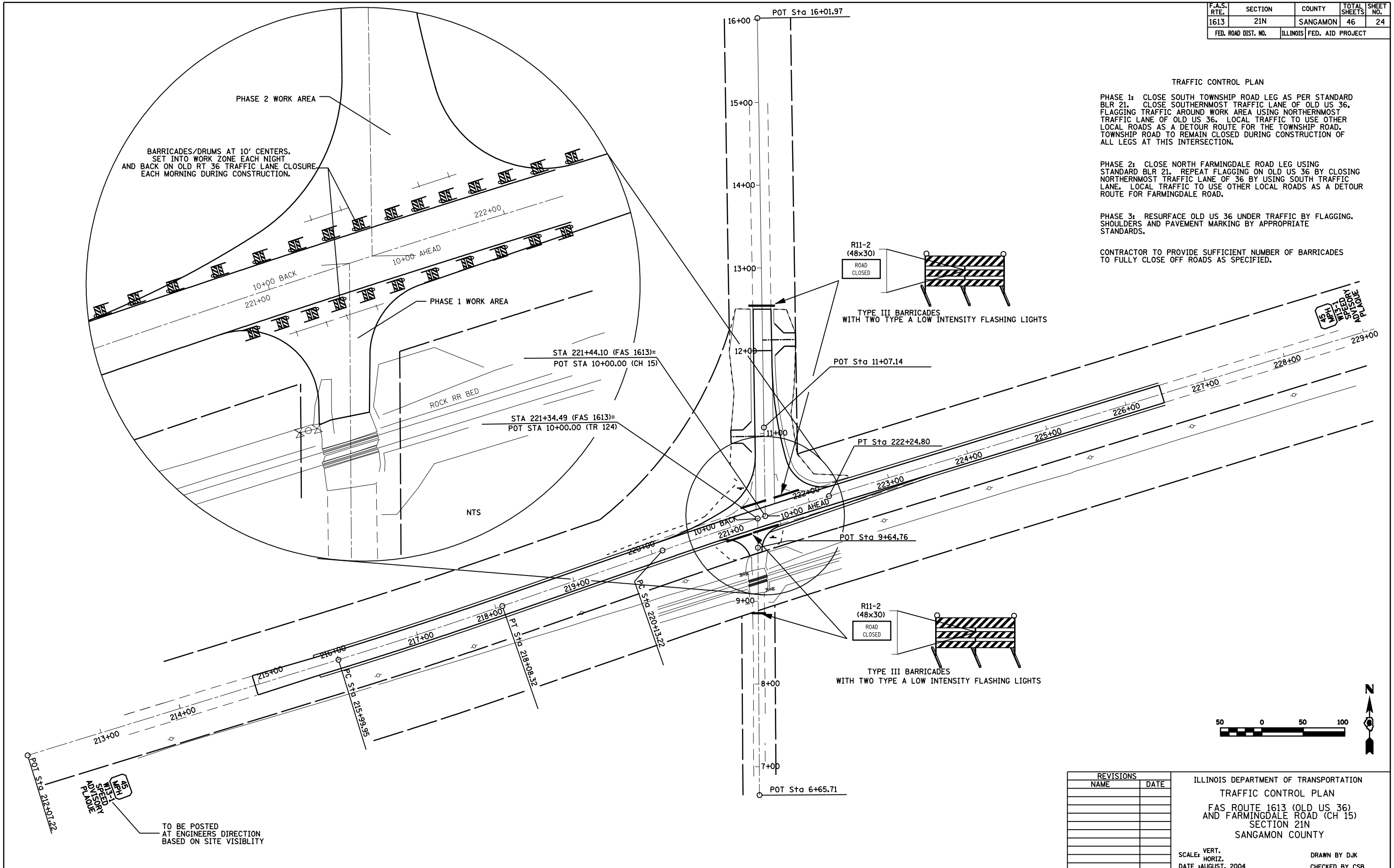
TRAFFIC CONTROL PLAN

PHASE 1: CLOSE SOUTH TOWNSHIP ROAD LEG AS PER STANDARD BLR 21. CLOSE SOUTHERNMOST TRAFFIC LANE OF OLD US 36, FLAGGING TRAFFIC AROUND WORK AREA USING NORTHERNMOST TRAFFIC LANE OF OLD US 36. LOCAL TRAFFIC TO USE OTHER LOCAL ROADS AS A DETOUR ROUTE FOR THE TOWNSHIP ROAD. TOWNSHIP ROAD TO REMAIN CLOSED DURING CONSTRUCTION OF ALL LEGS AT THIS INTERSECTION.

PHASE 2: CLOSE NORTH FARMINGDALE ROAD LEG USING STANDARD BLR 21. REPEAT FLAGGING ON OLD US 36 BY CLOSING NORTHERNMOST TRAFFIC LANE OF 36 BY USING SOUTH TRAFFIC LANE. LOCAL TRAFFIC TO USE OTHER LOCAL ROADS AS A DETOUR ROUTE FOR FARMINGDALE ROAD.

PHASE 3: RESURFACE OLD US 36 UNDER TRAFFIC BY FLAGGING. SHOULDERS AND PAVEMENT MARKING BY APPROPRIATE STANDARDS.

CONTRACTOR TO PROVIDE SUFFICIENT NUMBER OF BARRICADES TO FULLY CLOSE OFF ROADS AS SPECIFIED.



BARRICADES/DRUMS AT 10' CENTERS. SET INTO WORK ZONE EACH NIGHT AND BACK ON OLD RT 36 TRAFFIC LANE CLOSURE EACH MORNING DURING CONSTRUCTION.

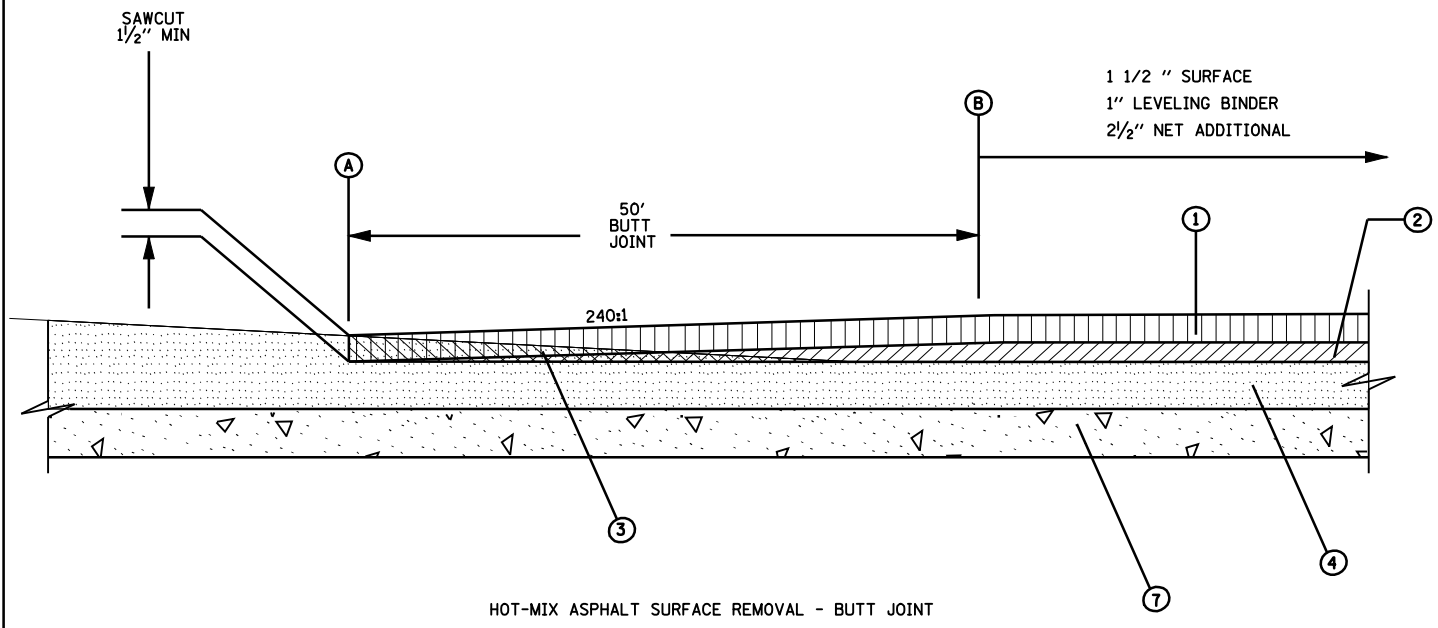
TO BE POSTED AT ENGINEERS DIRECTION BASED ON SITE VISIBILITY

REVISIONS	
NAME	DATE

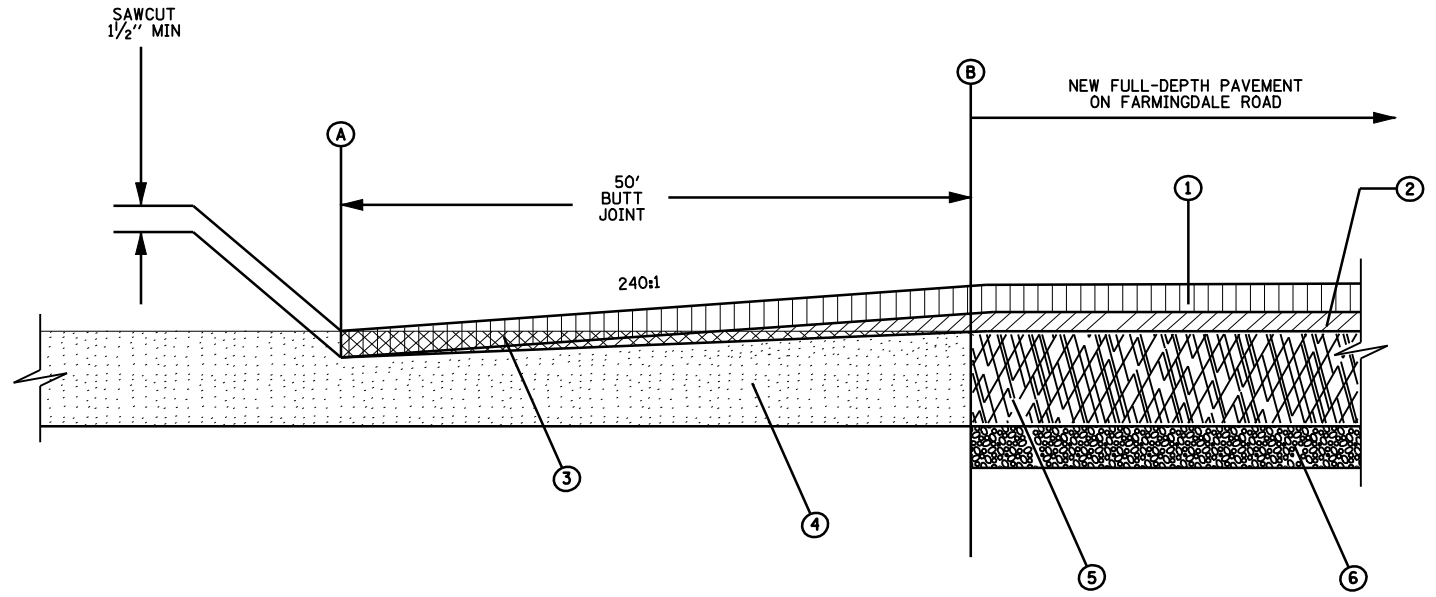
ILLINOIS DEPARTMENT OF TRANSPORTATION  
 TRAFFIC CONTROL PLAN  
 FAS ROUTE 1613 (OLD US 36)  
 AND FARMINGDALE ROAD (CH 15)  
 SECTION 21N  
 SANGAMON COUNTY

SCALE: VERT. DATE: AUGUST, 2004  
 HORIZ. DRAWN BY: DJK  
 CHECKED BY: CSB

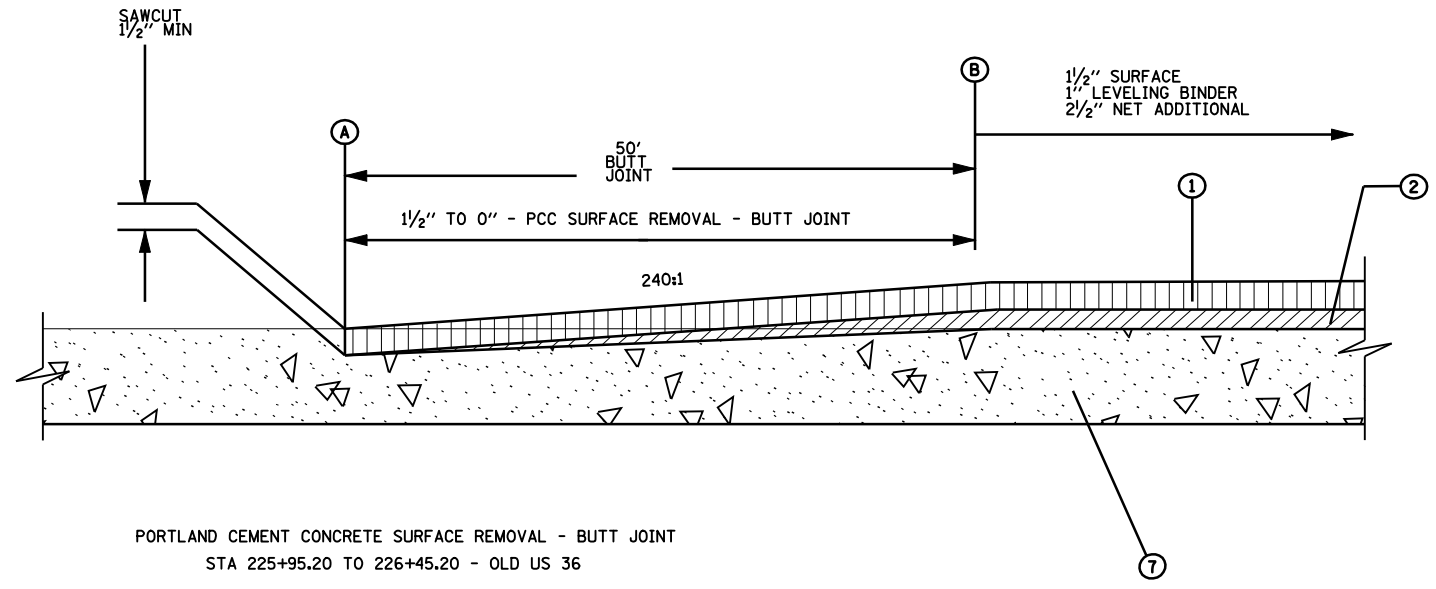
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1613	21N	SANGAMON	46	25
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	



HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT  
STA 214+94.70 TO 215+44.70 - OLD US 36



HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT  
STA 12+00 TO 12+50 - FARMINGDALE ROAD



PORTLAND CEMENT CONCRETE SURFACE REMOVAL - BUTT JOINT  
STA 225+95.20 TO 226+45.20 - OLD US 36

- 1. [Pattern] PROPOSED HOT-MIX ASPHALT SURFACE COURSE
- 2. [Pattern] PROPOSED LEVELING BINDER
- 3. [Pattern] PROPOSED HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT
- 4. [Pattern] EXISTING HOT-MIX ASPHALT PAVEMENT
- 5. [Pattern] PROPOSED HOT-MIX ASPHALT BASE COURSE
- 6. [Pattern] PROPOSED AGGREGATE SUBBASE
- 7. [Pattern] EXISTING CONCRETE PAVEMENT

PCC SURFACE REMOVAL - BUTT JOINT

LOCATION	A	B	WIDTH	AREA
			FOOT	SQ YD
FAS 1613	225+95.2	226+45.2	22.0	122.2
TOTALS				122.2
USE				122

HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT

LOCATION	A	B	WIDTH	AREA
			FOOT	SQ YD
FAS 1613	214+94.7	215+44.7	24.0	133.33
FARMINGDALE ROAD	12+00	12+50	22.0	122.2
TOTALS				255.53
USE				256

NOTE: TOWNSHIP ROAD -  
MATCH NEW PAVEMENT TO EXISTING  
RAILROAD CROSSING APPROACH AT STA 9+38.31

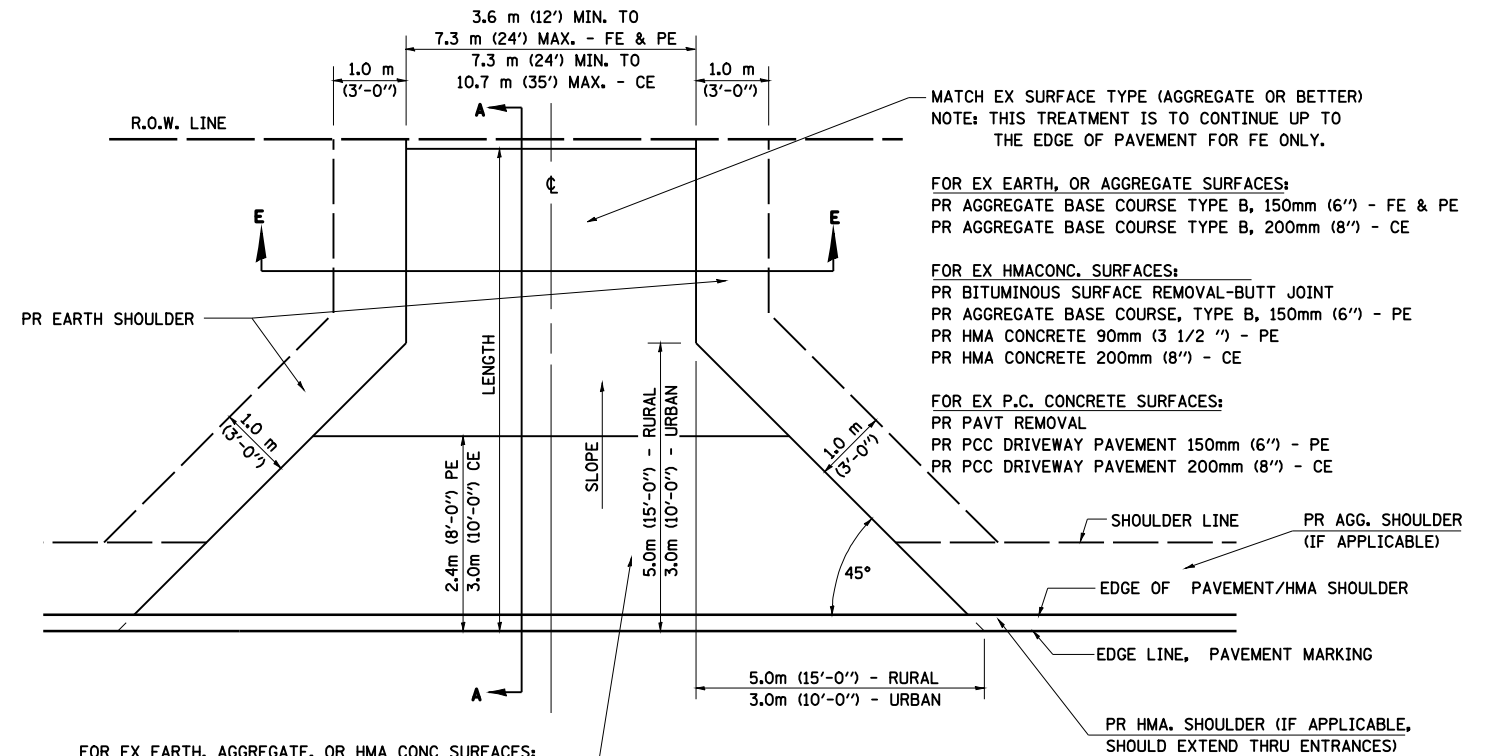
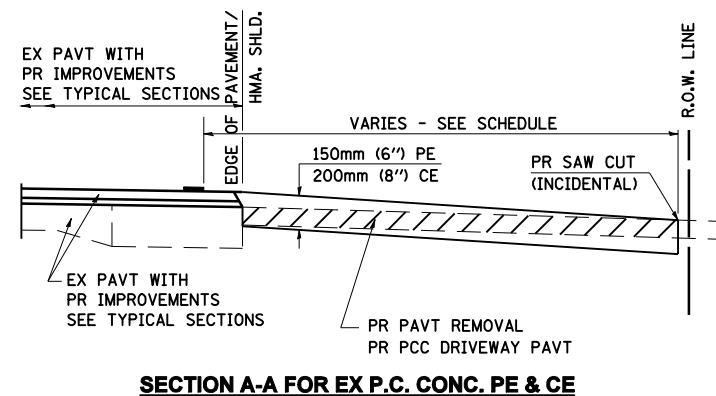
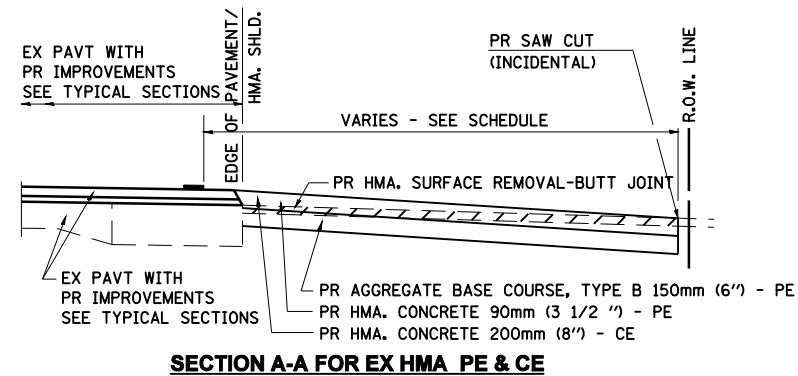
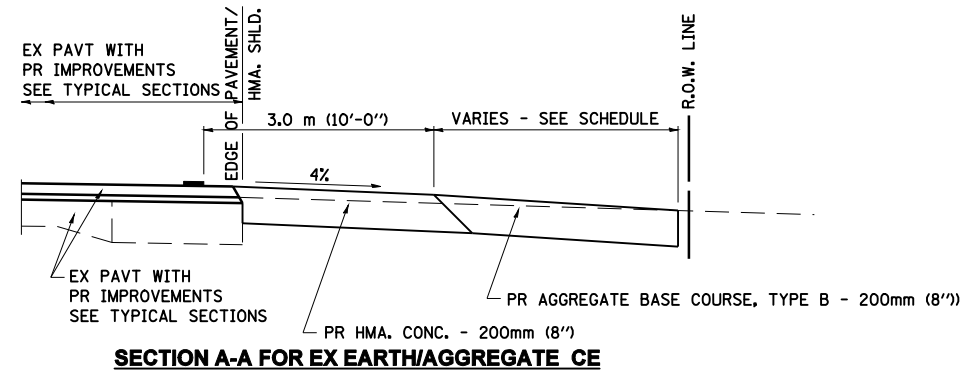
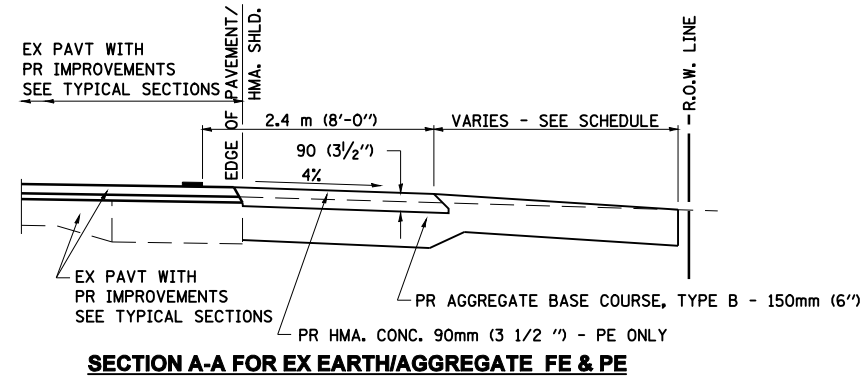
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
**BUTT JOINT DETAIL**  
FAS 1613 (OLD US 36)  
WITH FARMINGDALE ROAD (CH 15)  
SANGAMON COUNTY

SCALE: VERT.  
HORIZ.  
DATE: AUGUST, 2004

DRAWN BY DJK  
CHECKED BY DBS

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1613	21N	SANGAMON	46	26
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



FOR EX EARTH, AGGREGATE, OR HMA CONC SURFACES:  
 PR HMA SURFACE REMOVAL-BUTT JOINT (IF APPLICABLE)  
 PR AGGREGATE BASE COURSE TYPE B 150mm (6") - FE  
 PR AGGREGATE BASE COURSE TYPE B, 150mm (6") &  
 PR HMA CONCRETE 90mm (3 1/2 ") - PE  
 PR HMA CONCRETE 200mm (8") - CE

FOR P.C. CONCRETE SURFACES:  
 PR PAVT REMOVAL  
 PR PCC DRIVEWAY PAVT 150mm (6") - PE  
 PR PCC DRIVEWAY PAVT 200mm (8") - CE

GENERAL NOTES:

THE RESIDENT ENGINEER WILL DETERMINE THE EXACT TYPE OF IMPROVEMENT TO BE COMPLETED FOR ALL ENTRANCES, SIDEROADS AND MAILBOX TURNOUTS ON THIS PROJECT.

THE PLAN DETAILS AND SCHEDULES SHOULD BE USED AS A GUIDE FOR THE ENGINEER TO IMPLEMENT THE FINAL DESIGN. THE ENGINEER MAY DECIDE TO SALVAGE PORTIONS OF THE EXISTING ENTRANCE PAVEMENT STRUCTURE; THEREFORE, REDUCING PAY ITEM QUANTITIES. NO ADDITIONAL PAYMENT WILL BE ALLOWED FOR THIS REDUCTION IN QUANTITIES.

ANY WORK THE ENGINEER REQUIRES WHICH IS NOT COVERED BY A PAY ITEM CONTAINED IN THE PLANS WILL BE PAID FOR IN ACCORDANCE WITH ARTICLE 109.04 OF THE STANDARD SPECIFICATIONS.

BITUMINOUS CONCRETE REQUIRED TO CONSTRUCT THE ENTRANCES SHALL BE IN ACCORDANCE WITH THE APPLICABLE PORTIONS OF SECTION 406 AND 408 OF THE STANDARD SPECIFICATIONS AND AS DIRECTED BY THE ENGINEER.

WHEN THE BITUMINOUS CONCRETE PROPOSED FOR THE IMPROVEMENT IS THICKER THAN 75 mm (3 INCHES) AND REQUIRE PLACEMENT IN MORE THAN ONE LIFT. THE BOTTOM LIFT(S) SHALL MEET THE REQUIREMENTS OF BITUMINOUS BASE COURSE IN SECTION 406 OF THE STANDARD SPECIFICATIONS AND THE TOP LIFT OF 50 mm (2 INCHES) SHALL MEET THE REQUIREMENTS OF BITUMINOUS CONCRETE SURFACE COURSE, SUPERPAVE.

THIS WORK WILL BE PAID FOR IN ACCORDANCE WITH SECTIONS 351, 358, 408, 423 AND 440 OF THE STANDARD SPECIFICATIONS.

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

**SECTION E - E ENTRANCE TYPICAL SECTION**  
 NOTE 1: WIDTH OF ENTRANCE MAY BE INCREASED AT THE PIPE CULVERT DUE TO THE DITCHLINE BEING LOCATED IN THE ENTRANCE FLARE AREA.

REVISIONS	
NAME	DATE
JCN	2/19/03

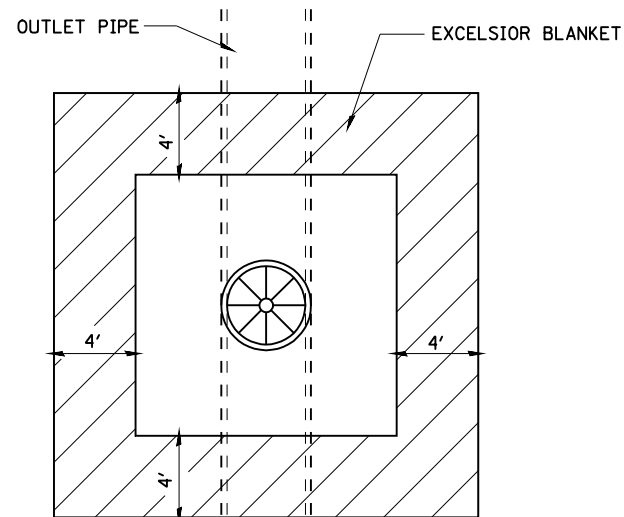
SHEET 1 OF 2  
 ILLINOIS DEPARTMENT OF TRANSPORTATION  
**DISTRICT SIX**  
**DETAILS FOR RURAL / URBAN**  
**ENTRANCE & MAILBOX TURNOUT**  
**W / O CONCRETE GUTTER**  
**(3R - PROJECTS)**

SCALE: VERT. HORIZ.  
 DATE: FEBRUARY 23, 1999  
 DRAWN BY: CADD  
 CHECKED BY: JCN

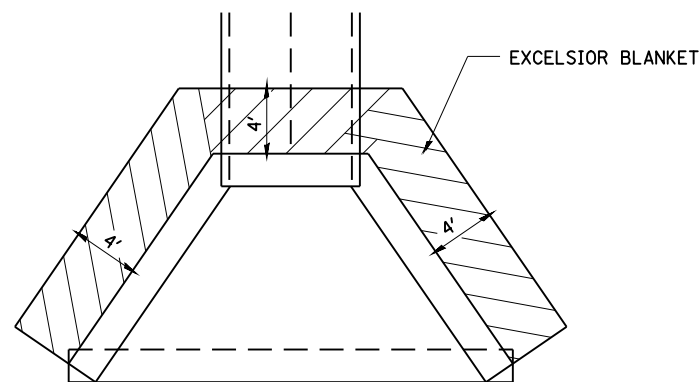
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 \*REF01



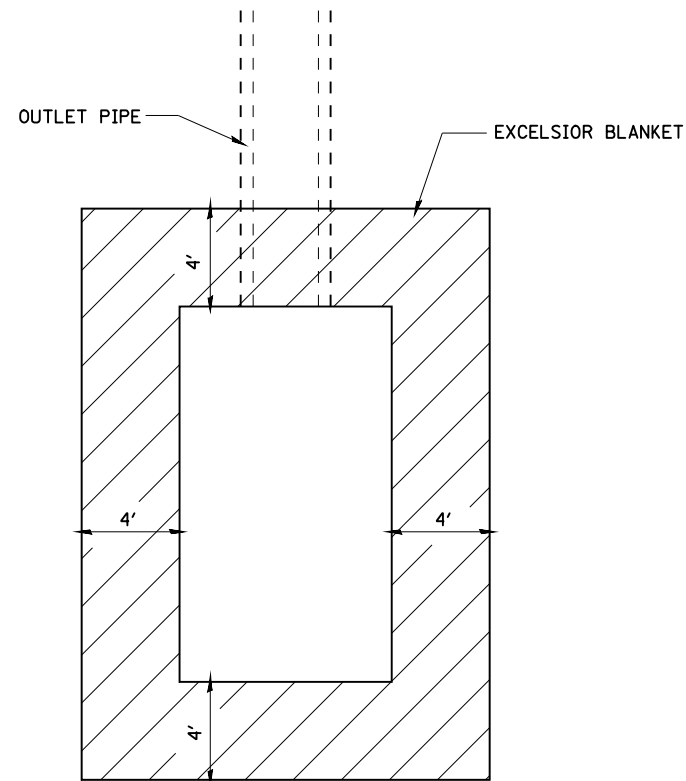
F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1613	21N	SANGAMON	46	28
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	



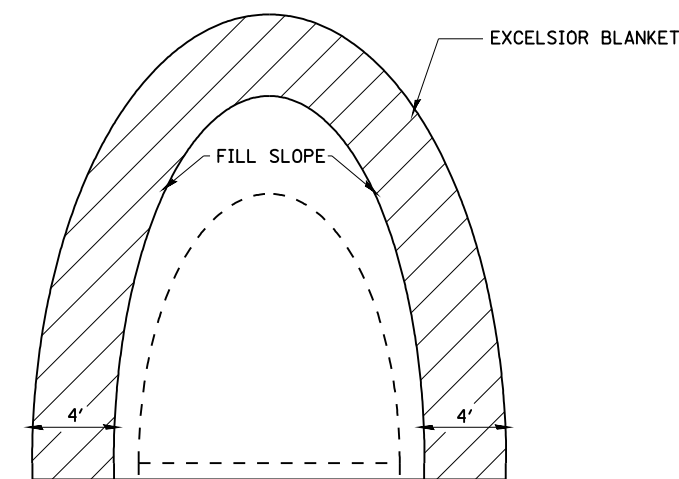
EXCELSIOR BLANKET AROUND  
MANHOLE, TYPE A  
W/TYPE 1 FRAME, CLOSED LID



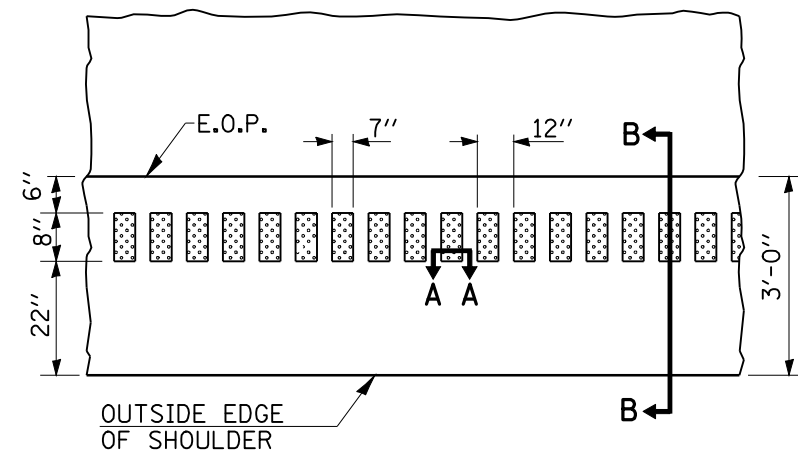
EXCELSIOR BLANKET AROUND  
HEADWALLS & CULVERT WINGWALLS



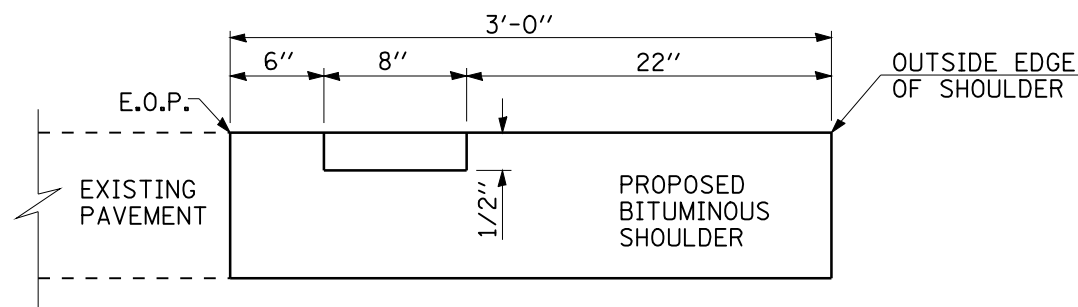
EXCELSIOR BLANKET AROUND  
HEADWALL FOR PIPE UNDERDRAIN  
STD 601101



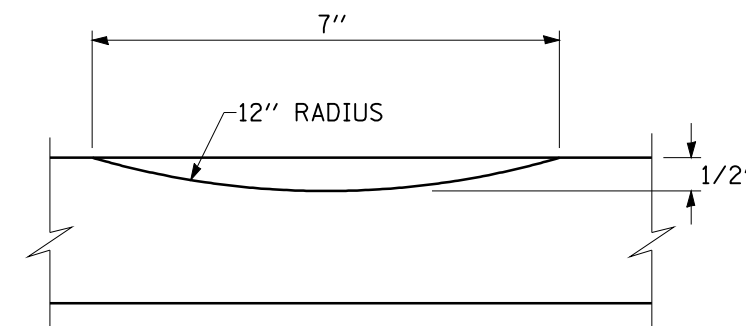
EXCELSIOR BLANKET AROUND  
FLARED END SECTION  
STD 542301



**PLAN VIEW**



**SECTION B-B**



**SECTION A-A**

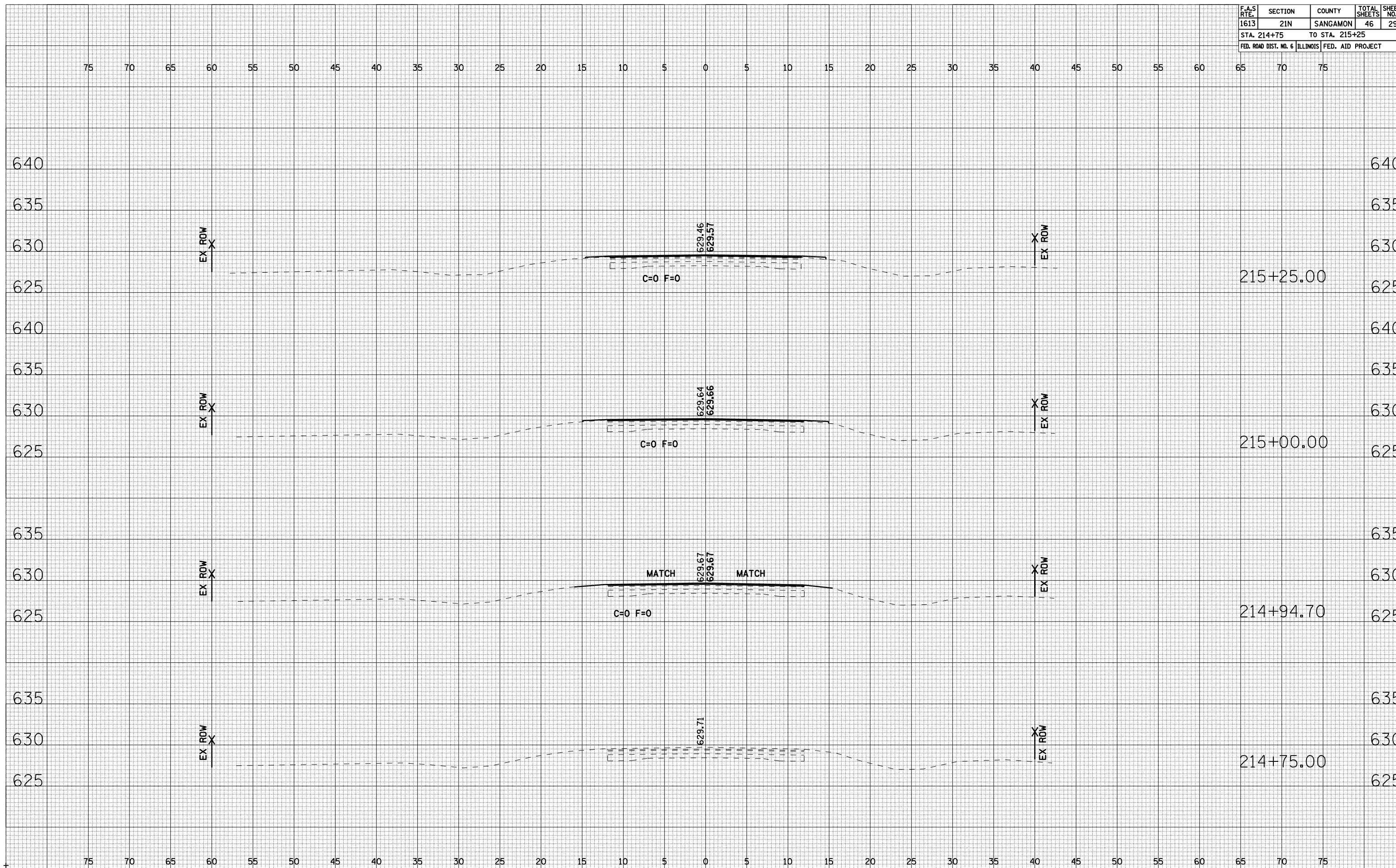
\*-D-6 RUMBLE STRIPS 2008-01

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
**HEAVY DUTY EXCELSIOR BLANKET  
AND  
RUMBLE STRIP DETAILS  
DETAILS**

SCALE: VERT. \_\_\_\_\_  
HORIZ. \_\_\_\_\_  
DATE \_\_\_\_\_ DRAWN BY \_\_\_\_\_  
CHECKED BY \_\_\_\_\_

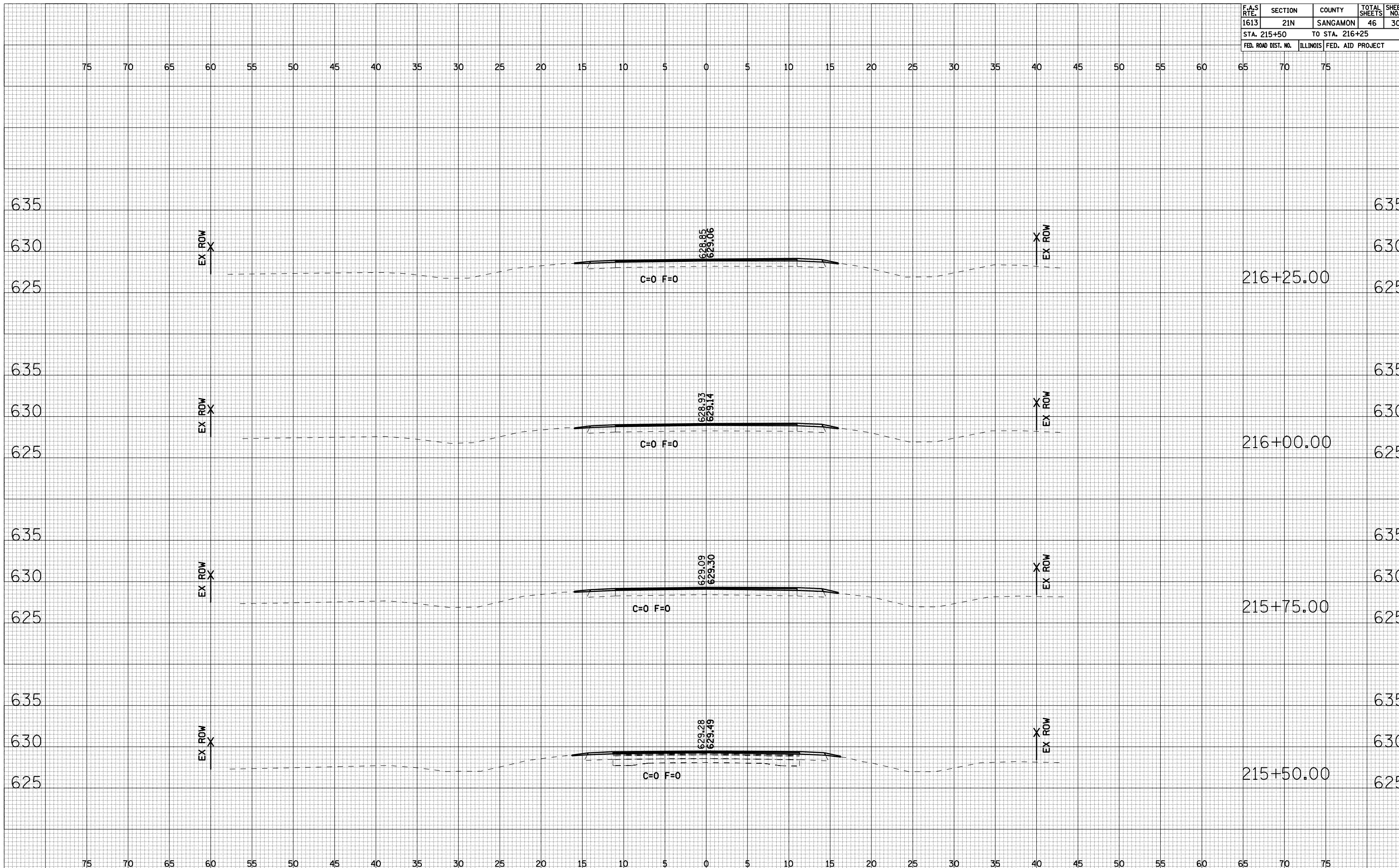
F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1613	21N	SANGAMON	46	29
STA. 214+75		TO STA. 215+25		
FED. ROAD DIST. NO. 6		ILLINOIS FED. AID PROJECT		



DATE	BY
SURVEYED	PLOTTED
NOTE BOOK	AREAS CHECKED
NO.	

DATE	BY
SURVEYED	PLOTTED
NOTE BOOK	AREAS CHECKED
NO.	

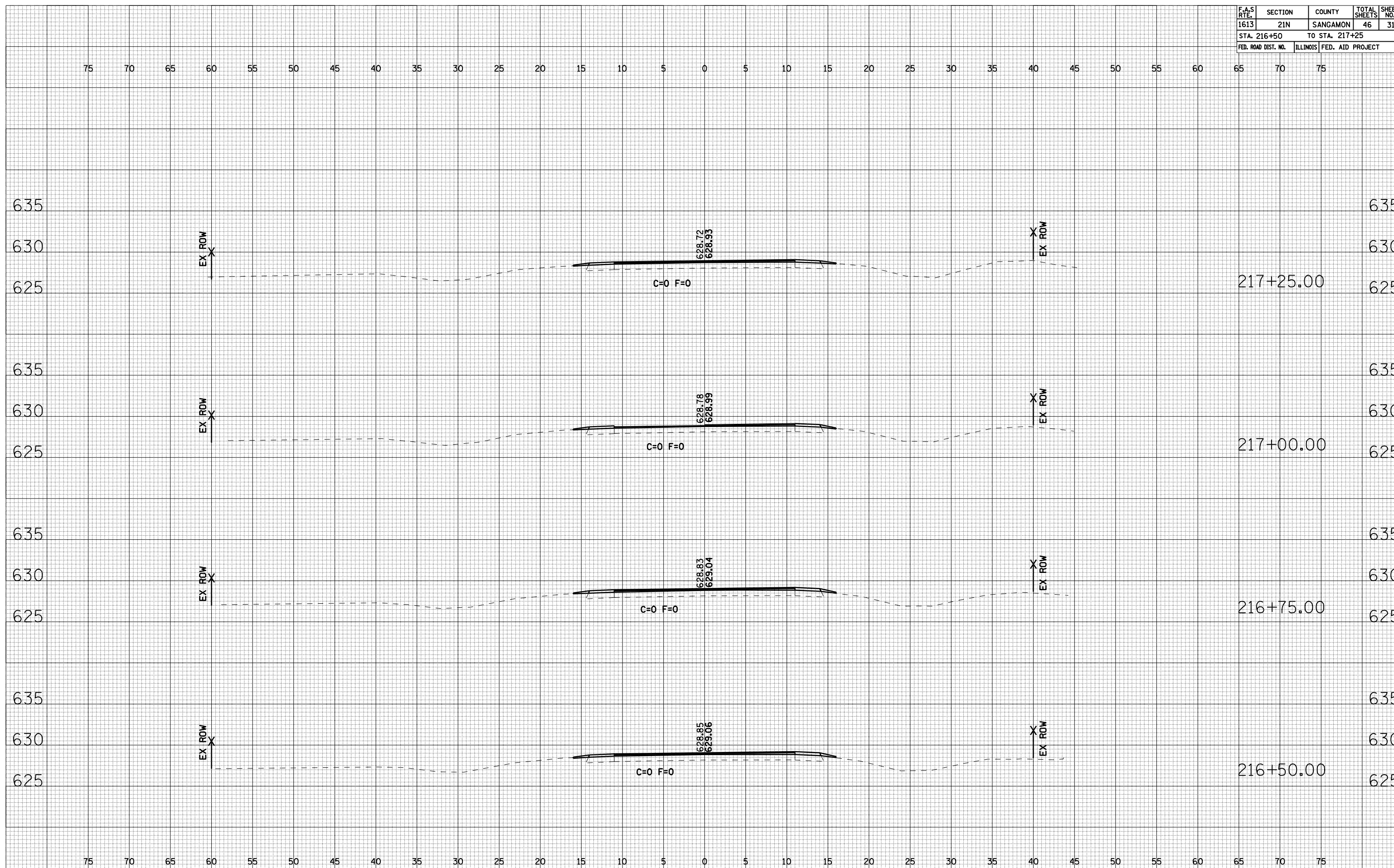
F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1613	21N	SANGAMON	46	30
STA. 215+50		TO STA. 216+25		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



BY	DATE
SURVEYED	
PLOTTED	
NOTE BOOK	
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AREAS CHECKED	

BY	DATE
SURVEYED	
PLOTTED	
NOTE BOOK	
NO.	
AREAS CHECKED	

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1613	21N	SANGAMON	46	31
STA. 216+50		TO STA. 217+25		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



BY \_\_\_\_\_ DATE \_\_\_\_\_

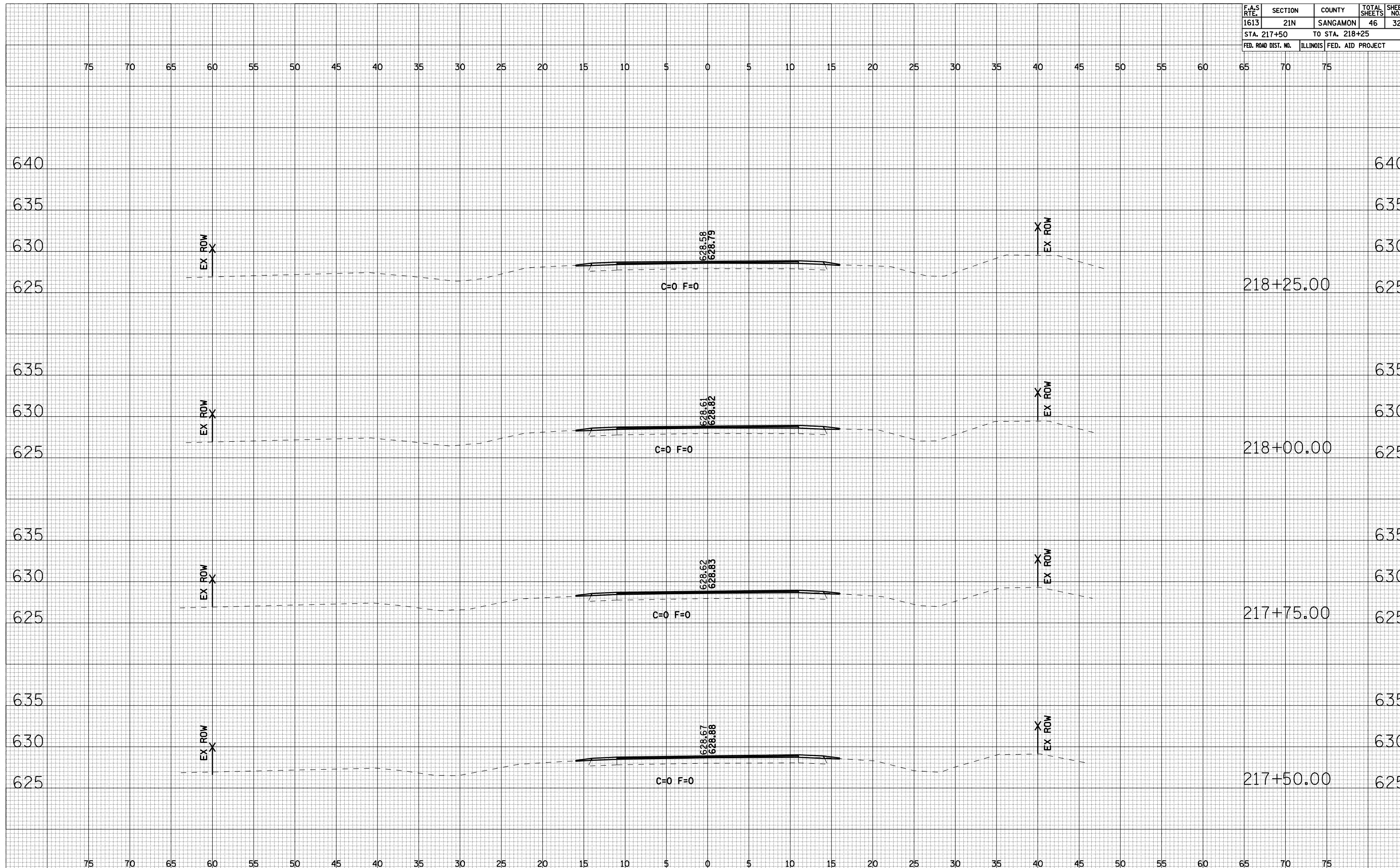
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 NOTE BOOK PLOTTED \_\_\_\_\_  
 NO. AREAS CHECKED \_\_\_\_\_

BY \_\_\_\_\_ DATE \_\_\_\_\_

ORIGINAL SURVEY SURVEYED \_\_\_\_\_  
 NOTE BOOK PLOTTED \_\_\_\_\_  
 NO. AREAS CHECKED \_\_\_\_\_



F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1613	21N	SANGAMON	46	32
STA. 217+50		TO STA. 218+25		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



BY \_\_\_\_\_ DATE \_\_\_\_\_

FINAL SURVEY SURVEYED \_\_\_\_\_

NOTE BOOK PLOTTED \_\_\_\_\_

NO. AREAS CHECKED \_\_\_\_\_

BY \_\_\_\_\_ DATE \_\_\_\_\_

ORIGINAL SURVEY SURVEYED \_\_\_\_\_

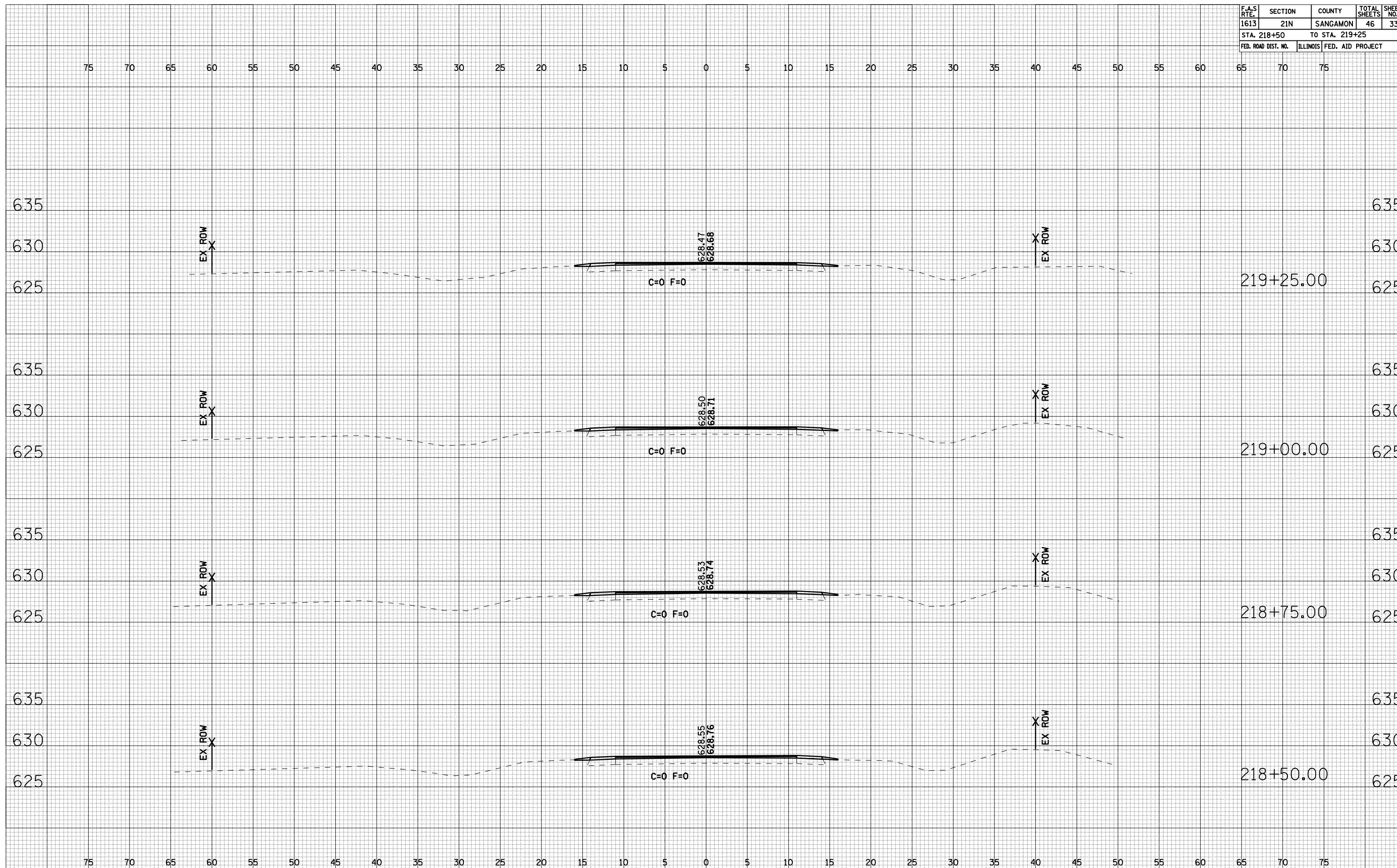
NOTE BOOK PLOTTED \_\_\_\_\_

NO. AREAS CHECKED \_\_\_\_\_

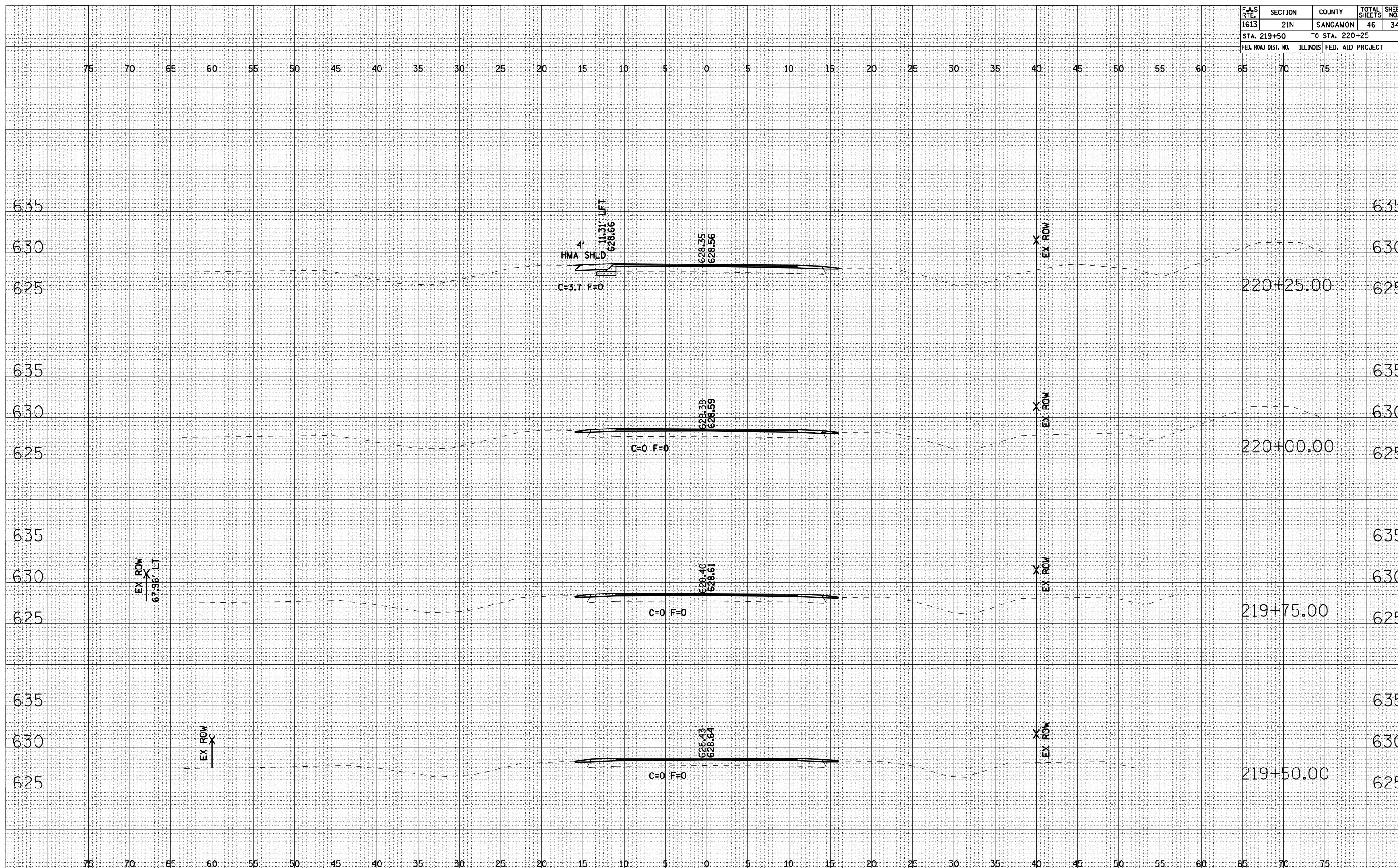
F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1613	21N	SANGAMON	46	33
STA. 218+50		TO STA. 219+25		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

BY	DATE

BY	DATE



F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1613	21N	SANGAMON	46	34
STA. 219+50		TO STA. 220+25		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



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

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1613	21N	SANGAMON	46	35
STA. 220+50		TO STA. 221+25		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

BY \_\_\_\_\_ DATE \_\_\_\_\_

FINAL SURVEY SURVEYED \_\_\_\_\_

NOTE BOOK PLOTTED \_\_\_\_\_

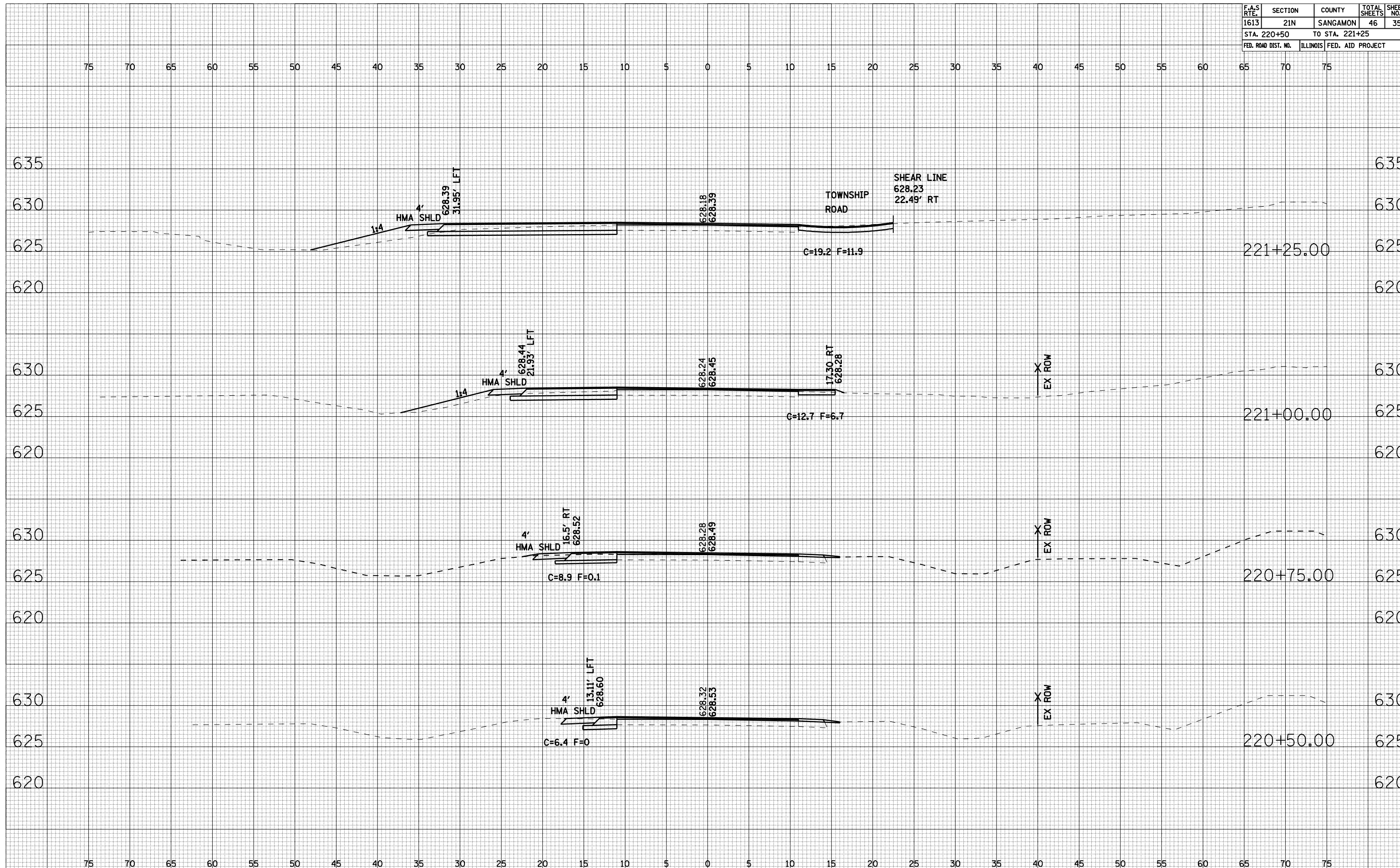
NO. AREAS CHECKED \_\_\_\_\_

BY \_\_\_\_\_ DATE \_\_\_\_\_

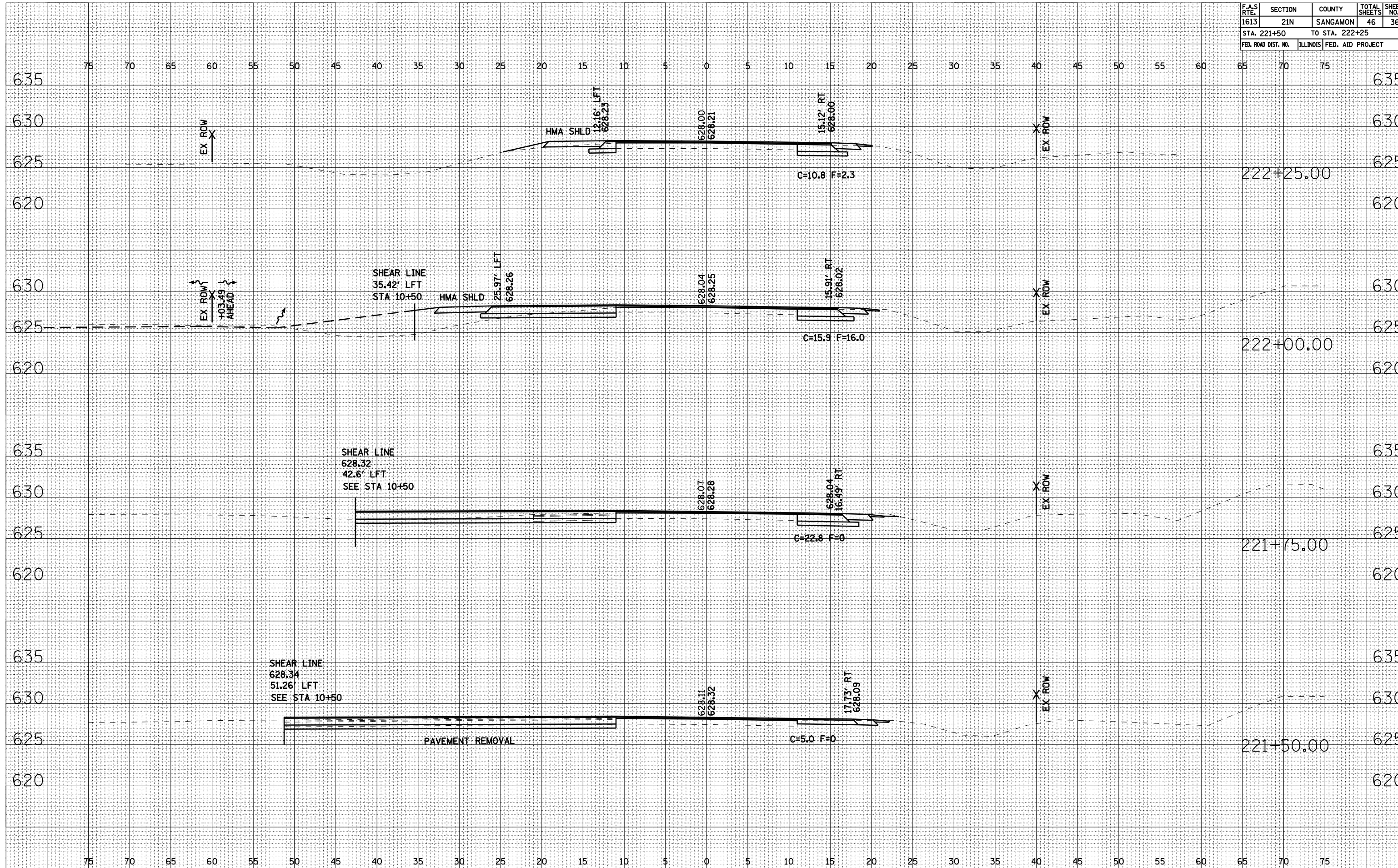
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NOTE BOOK PLOTTED \_\_\_\_\_

NO. AREAS CHECKED \_\_\_\_\_



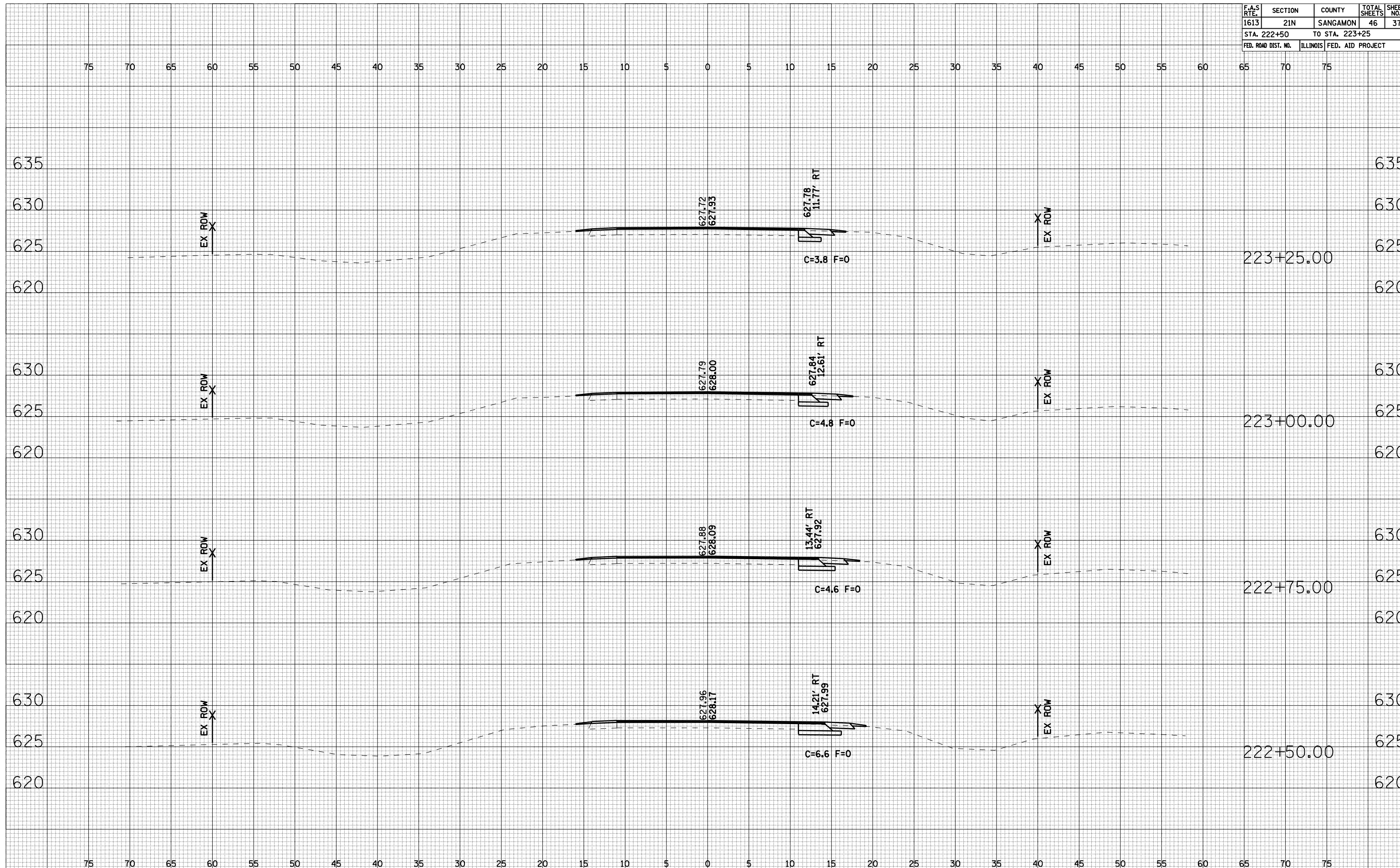
F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1613	21N	SANGAMON	46	36
STA. 221+50		TO STA. 222+25		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



BY \_\_\_\_\_ DATE \_\_\_\_\_  
 SURVEYED \_\_\_\_\_  
 PLOTTED \_\_\_\_\_  
 NOTE BOOK \_\_\_\_\_  
 AREAS CHECKED \_\_\_\_\_

BY \_\_\_\_\_ DATE \_\_\_\_\_  
 SURVEYED \_\_\_\_\_  
 PLOTTED \_\_\_\_\_  
 NOTE BOOK \_\_\_\_\_  
 AREAS CHECKED \_\_\_\_\_

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1613	21N	SANGAMON	46	37
STA. 222+50		TO STA. 223+25		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



DATE \_\_\_\_\_ BY \_\_\_\_\_

ORIGINAL SURVEY SURVEYED \_\_\_\_\_

NOTE BOOK \_\_\_\_\_

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AREAS CHECKED \_\_\_\_\_

DATE \_\_\_\_\_ BY \_\_\_\_\_

ORIGINAL SURVEY SURVEYED \_\_\_\_\_

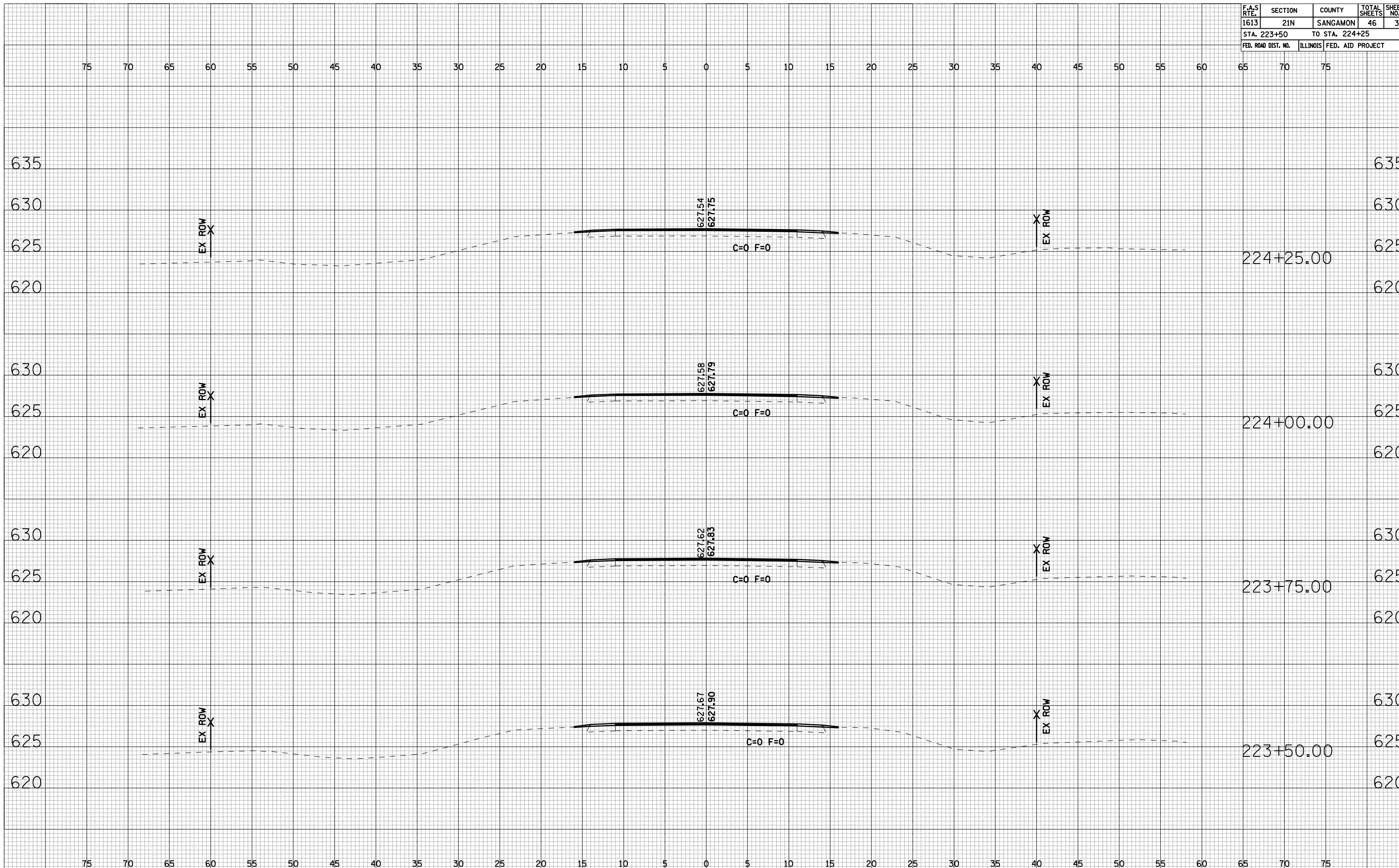
NOTE BOOK \_\_\_\_\_

NO. \_\_\_\_\_

PLOTTED \_\_\_\_\_

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F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1613	21N	SANGAMON	46	38
STA. 223+50		TO STA. 224+25		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



BY \_\_\_\_\_ DATE \_\_\_\_\_

FINAL SURVEY SURVEYED \_\_\_\_\_

NOTE BOOK PLOTTED \_\_\_\_\_

NO. \_\_\_\_\_ AREAS CHECKED \_\_\_\_\_

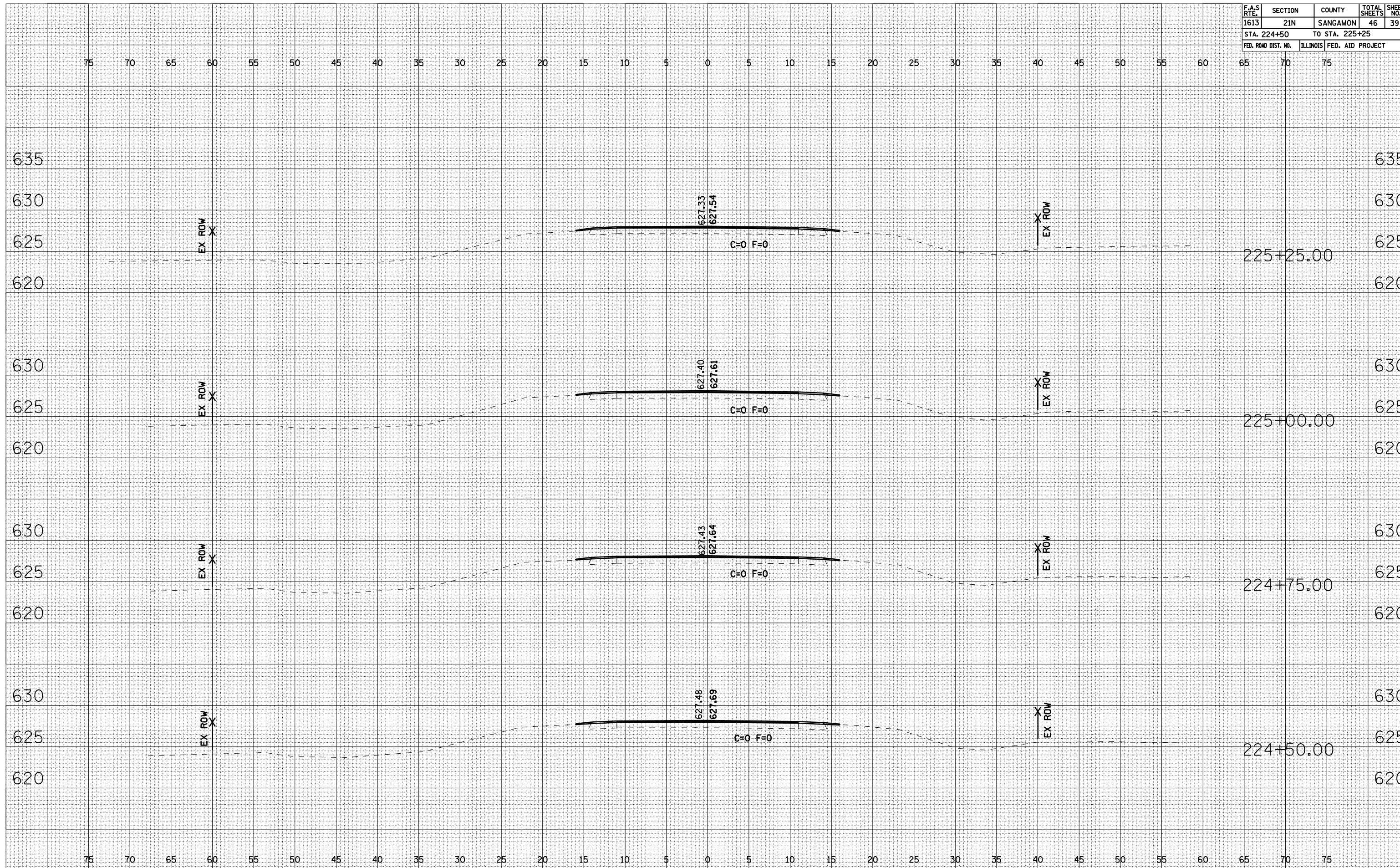
BY \_\_\_\_\_ DATE \_\_\_\_\_

ORIGINAL SURVEY SURVEYED \_\_\_\_\_

NOTE BOOK PLOTTED \_\_\_\_\_

NO. \_\_\_\_\_ AREAS CHECKED \_\_\_\_\_

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1613	21N	SANGAMON	46	39
STA. 224+50		TO STA. 225+25		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



DATE \_\_\_\_\_ BY \_\_\_\_\_

FINAL SURVEY SURVEYED \_\_\_\_\_

NOTE BOOK PLOTTED \_\_\_\_\_

NO. AREAS CHECKED \_\_\_\_\_

DATE \_\_\_\_\_ BY \_\_\_\_\_

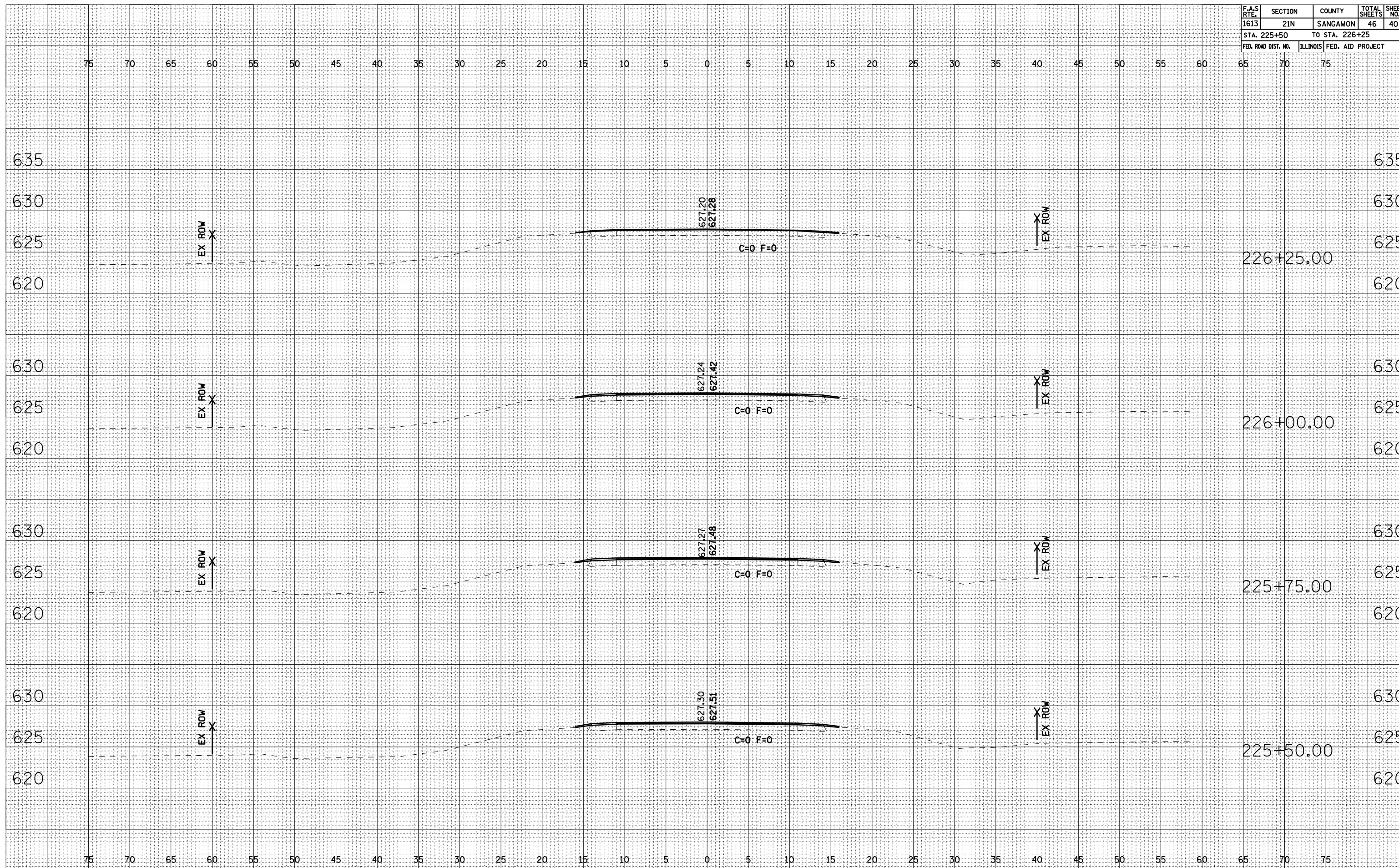
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NOTE BOOK PLOTTED \_\_\_\_\_

NO. AREAS CHECKED \_\_\_\_\_



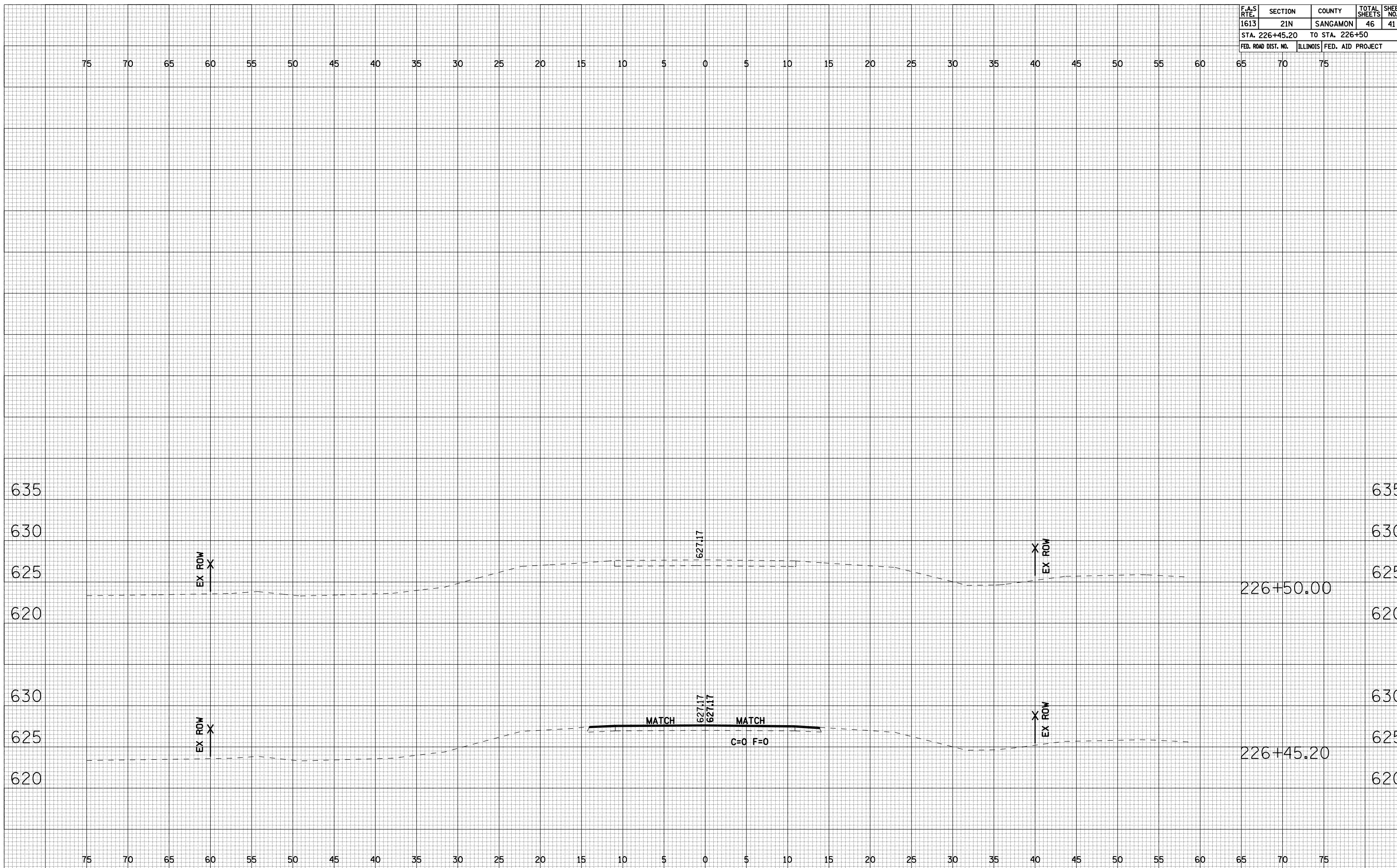
F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1613	21N	SANGAMON	46	40
STA. 225+50		TO STA. 226+25		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



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

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

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1613	21N	SANGAMON	46	41
STA. 226+45.20		TO STA. 226+50		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

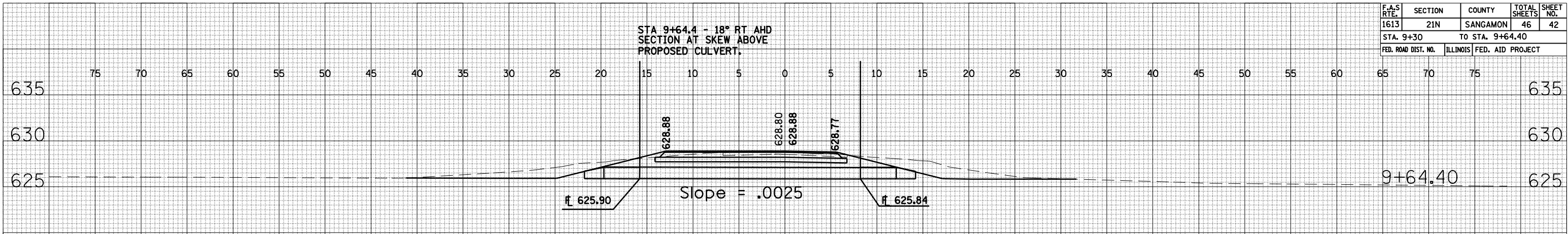


DATE	BY

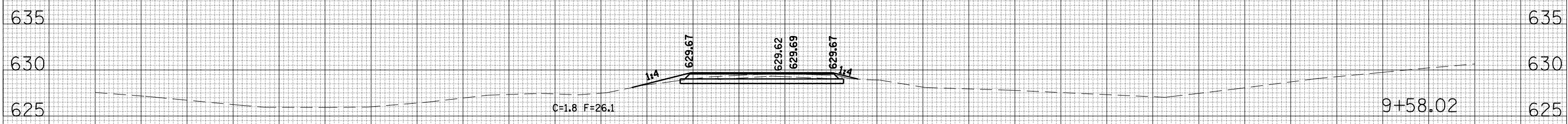
DATE	BY

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1613	21N	SANGAMON	46	42
STA. 9+30		TO STA. 9+64.40		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

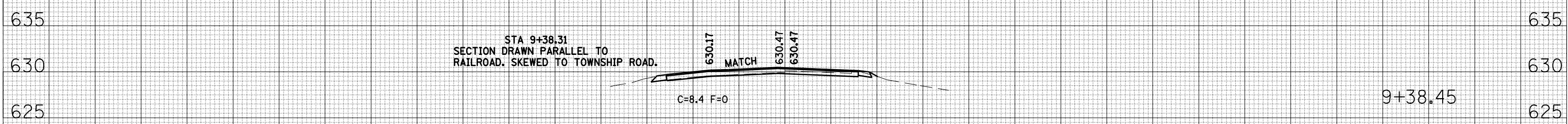
STA 9+64.4 - 18° RT AHD  
SECTION AT SKEW ABOVE  
PROPOSED CULVERT.



1:4      629.67      629.62      629.69      629.67      1:4



STA 9+38.31  
SECTION DRAWN PARALLEL TO  
RAILROAD. SKEWED TO TOWNSHIP ROAD.



SECTION DRAWN  
PERPENDICULAR TO  
TOWNSHIP ROAD.



9+30.00



BY	DATE

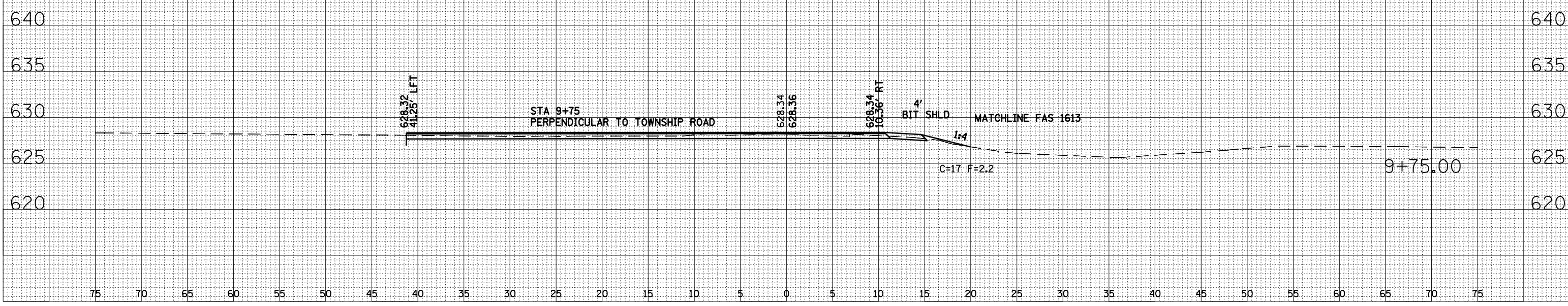
BY	DATE

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1613	21N	SANGAMON	46	43
STA. 9+75		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

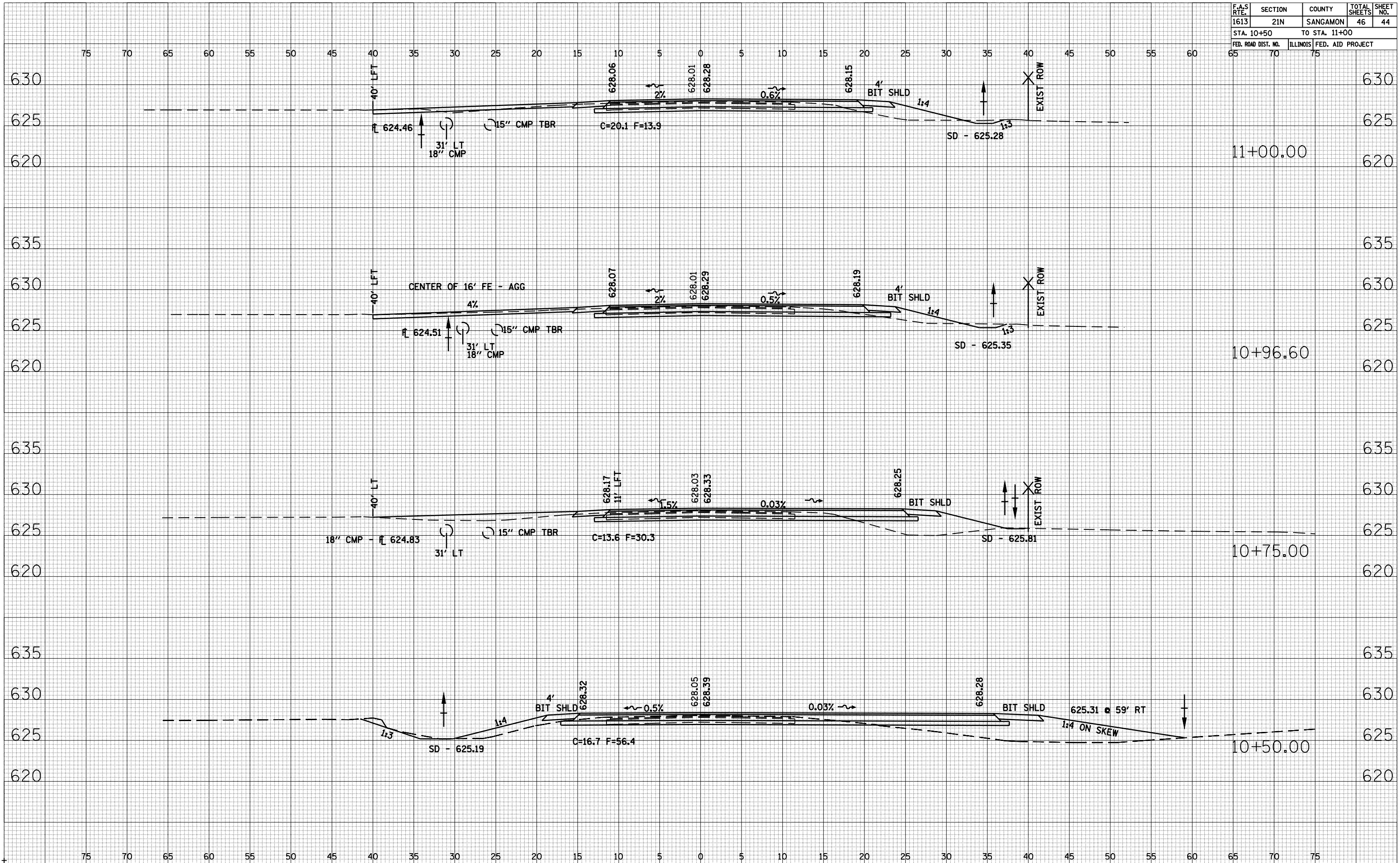
75 70 65 60 55 50 45 40 35 30 25 20 15 10 5 0 5 10 15 20 25 30 35 40 45 50 55 60 65 70 75

DATE	BY
SURVEYED	
PLOTTED	
INSTRUMENT	
NO. OF BOOKS	
AREAS CHECKED	

DATE	BY
SURVEYED	
PLOTTED	
INSTRUMENT	
NO. OF BOOKS	
AREAS CHECKED	



F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1613	21N	SANGAMON	46	44
STA. 10+50		TO STA. 11+00		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



DATE \_\_\_\_\_ BY \_\_\_\_\_

ORIGINAL SURVEY SURVEYED \_\_\_\_\_

NOTE BOOK PLOTTED \_\_\_\_\_

NO. \_\_\_\_\_ AREAS CHECKED \_\_\_\_\_

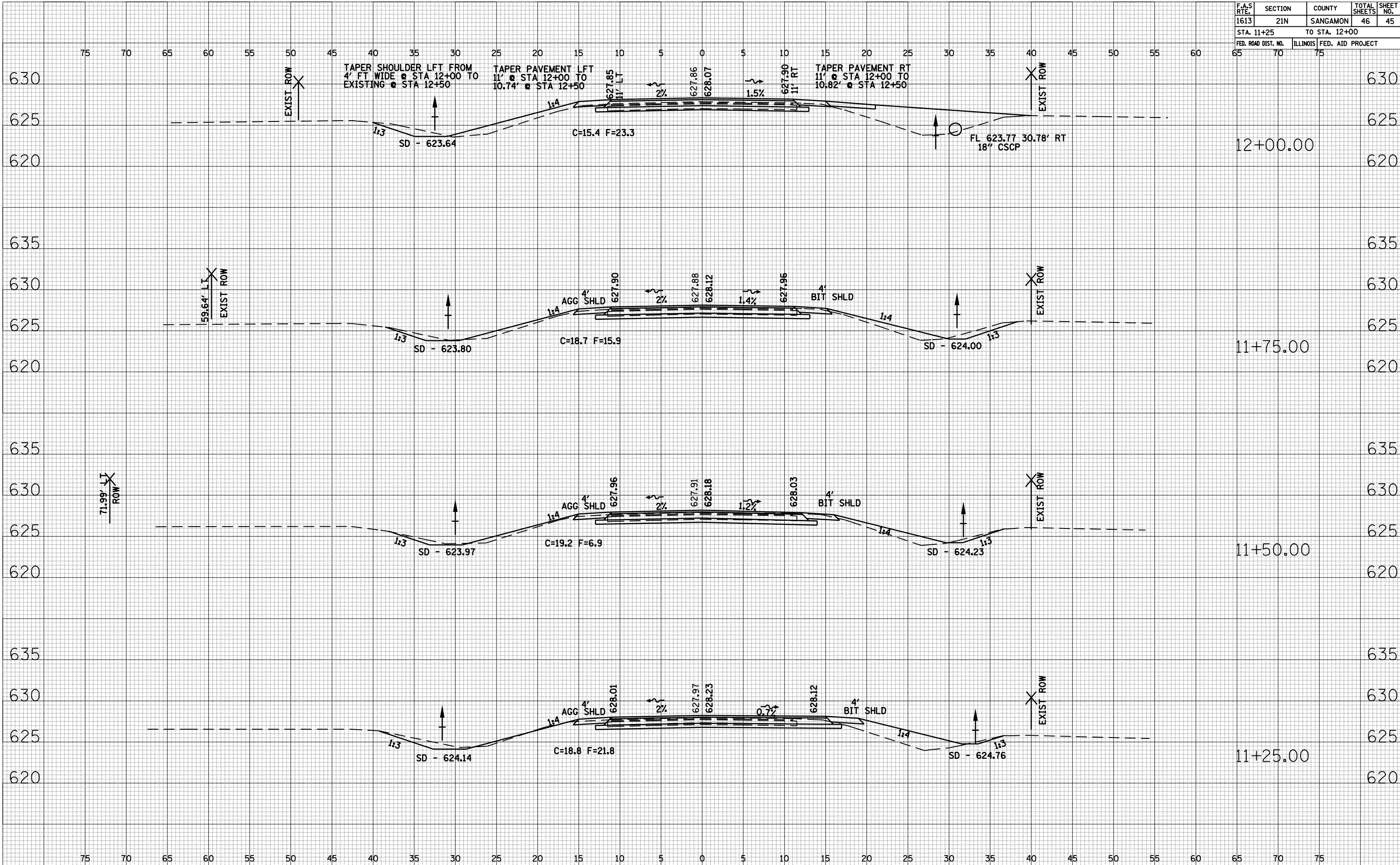
DATE \_\_\_\_\_ BY \_\_\_\_\_

ORIGINAL SURVEY SURVEYED \_\_\_\_\_

NOTE BOOK PLOTTED \_\_\_\_\_

NO. \_\_\_\_\_ AREAS CHECKED \_\_\_\_\_

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1613	21N	SANGAMON	46	45
STA. 11+25		TO STA. 12+00		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



TAPER SHOULDER LFT FROM 4' FT WIDE @ STA 12+00 TO EXISTING @ STA 12+50  
 TAPER PAVEMENT LFT 11' @ STA 12+00 TO 10.74' @ STA 12+50  
 TAPER PAVEMENT RT 11' @ STA 12+00 TO 10.82' @ STA 12+50

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

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

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1613	21N	SANGAMON	46	46
STA. 12+12.84		TO STA. 13+00		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

DATE \_\_\_\_\_  
BY \_\_\_\_\_  
SURVEYED \_\_\_\_\_  
PLOTTED \_\_\_\_\_  
NOTE BOOK \_\_\_\_\_  
AREAS CHECKED \_\_\_\_\_

DATE \_\_\_\_\_  
BY \_\_\_\_\_  
SURVEYED \_\_\_\_\_  
PLOTTED \_\_\_\_\_  
NOTE BOOK \_\_\_\_\_  
AREAS CHECKED \_\_\_\_\_

