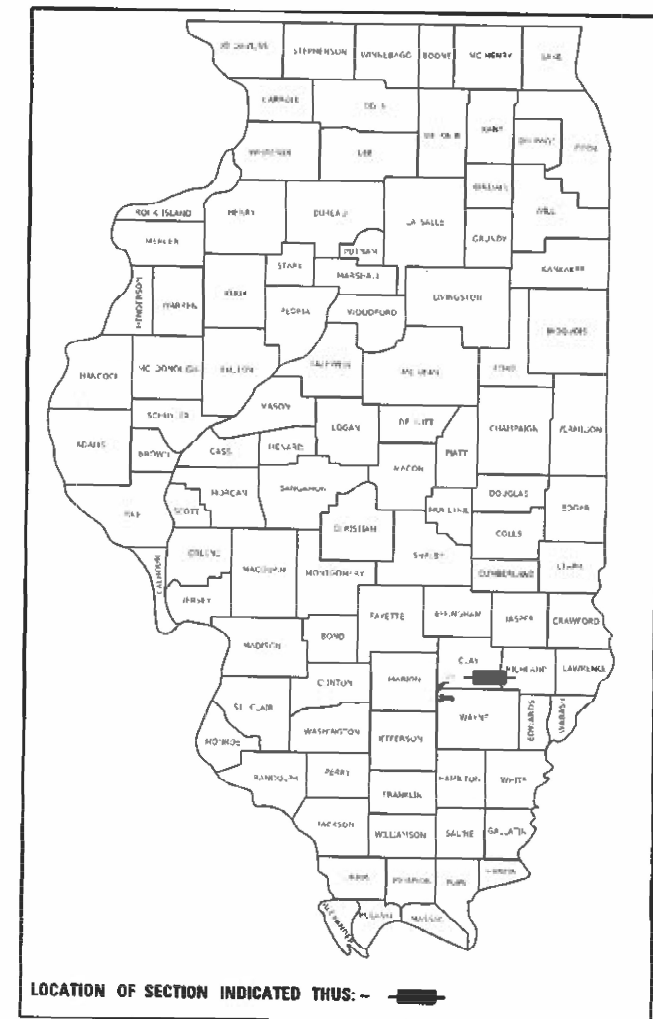


STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

F.A.P. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
327	7RS-1	ILLINOIS	36	1

\* CLAY, RICHLAND

D-97-054-20



LOCATION OF SECTION INDICATED THUS: - [shaded area]

# PROPOSED HIGHWAY PLANS

FAP ROUTE 327 (US 50)  
SECTION 7 RS-1  
PROJECT NHPP-MDGC(736)  
STANDARD OVERLAY  
CLAY, RICHLAND COUNTY

C-97-059-20

FOR INDEX OF SHEETS, SEE SHEET NO. 2

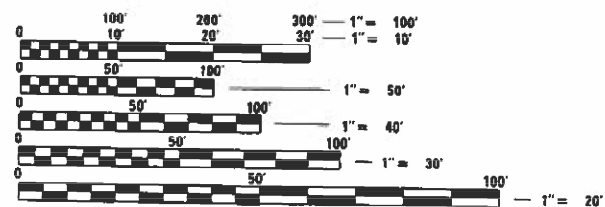
**STATION EQUATIONS**

STA 927+50.00 BK = STA 1008+07.70 AH  
STA 1137+75.13 BK = STA 1137+61.54 AH  
STA 1222+64.29 BK = STA 1222+80.48 AH  
STA 1346+59.74 BK = STA 1346+65.71 AH

**OMISSIONS**

STA 1225+64.82 TO STA 1228+34.16 SN 013-0004  
STA 1289+20.74 TO STA 1294+10.74 SN 013-0005  
STA 1320+66.74 TO STA 1327+93.24 SN 080-0001

ADT = 4535

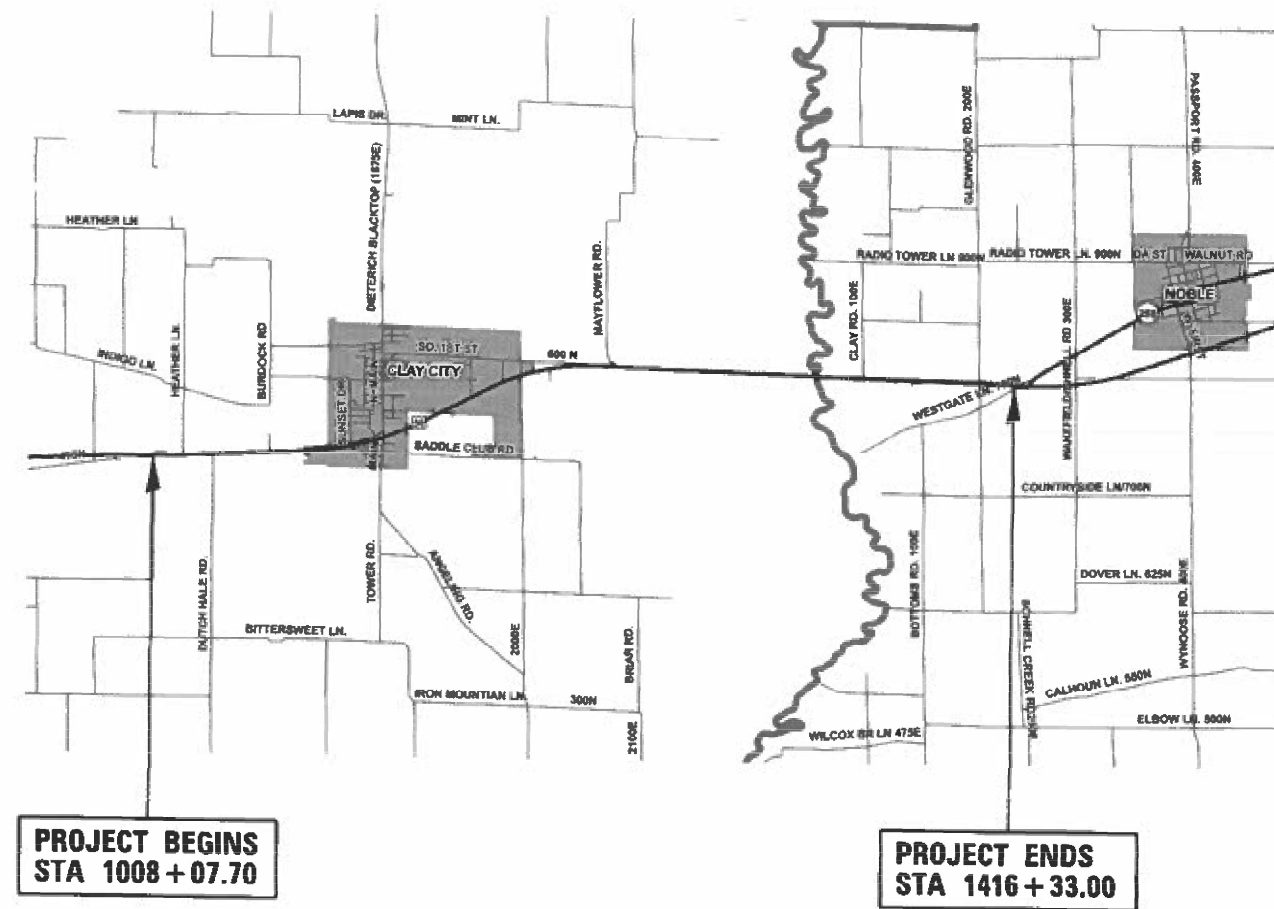


FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES. IN MAKING MEASUREMENTS ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.

J.U.L.I.E.  
JOINT UTILITY LOCATION INFORMATION FOR EXCAVATORS  
1-800-892-0123  
OR 811

PROJECT ENGINEER BRIAN LEWIS  
PROJECT MANAGER JESSICA HILLE

CONTRACT NO. 74977



PROJECT BEGINS  
STA 1008 + 07.70

PROJECT ENDS  
STA 1416 + 33.00

GROSS LENGTH = 40,825 FT. = 7.732 MILE  
NET LENGTH = 39,332 FT. = 7.449 MILE

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

SUBMITTED MARCH 30 2023

Jeffrey P. Myrland REGIONAL ENGINEER

May 12, 2023 Scott A. Elk  
ENGINEER OF DESIGN AND ENVIRONMENT

May 12, 2023 Steph M. Smith  
DIRECTOR OF HIGHWAYS PROJECT IMPLEMENTATION

PRINTED BY THE AUTHORITY  
OF THE STATE OF ILLINOIS

**INDEX OF SHEETS**

SHEET NO.	ITEM
1	COVER SHEET
2	GENERAL NOTES, INDEX OF SHEETS, & HIGHWAY STANDARDS
3-4	SUMMARY OF QUANTITIES
5-6	TYPICAL SECTIONS
7-12	SCHEDULE OF QUANTITIES
13-26	PLAN SHEETS
27-31	DETAILS
32-36	PAVEMENT MARKING DETAILS

**GENERAL NOTES**

THE PROPOSED PROJECT IS LOCATED ON US 50 2.5 MILES EAST OF US 45 EAST OF FLORA TO 1.6 MILES EAST OF RICHLAND COUNTY LINE.

THE WORK INCLUDED IN SECTION 7RS-1 CONSISTS OF PAVEMENT PATCHING, HMA SURFACE REMOVAL, HMA RESURFACING, SHOULDER RUMBLE STRIPS, AGGREGATE SHOULDERS, THERMOPLASTIC PAVEMENT MARKING, RAISED REFLECTIVE PAVEMENT MARKERS, AND OTHER NECESSARY WORK TO COMPLETE THE SECTION.

MATERIAL FOR AGGREGATE WEDGE SHOULDERS TYPE B, SHALL BE CRUSHED STONE OR CRUSHED CONCRETE.

THE QUANTITIES FOR PAVEMENT PATCHING ARE ESTIMATES. THE ACTUAL LOCATIONS AND QUANTITIES SHALL BE DETERMINED BY THE ENGINEER IN THE FIELD.

PRIOR TO THE AGGREGATE SURFACE COURSE, TYPE A, 4" AND THE A-3 BITUMINOUS SURFACE TREATMENT WORK, COORDINATION WITH AUSTIN TIMBER COMPANY SHALL BE COMPLETED IN ORDER TO MAINTAIN ACCESS AND PREVENT DELAYS.

THE FOLLOWING RATES OF APPLICATION HAVE BEEN USED IN CALCULATING PLAN QUANTITIES:

HOT MIX ASPHALT	112 LB/SQ YD/INCH
GRANULAR MATERIAL	2.05 TONS/CU YD
BITUMINOUS MATERIALS (TACK COAT)	
MILLED AND CONCRETE SURFACES	0.05 LB/SQ FT
FOG COAT ON BINDER COURSE	0.025 LB/SQ FT

THE FOLLOWING MIXTURE REQUIREMENTS ARE APPLICABLE TO THIS PROJECT:

LOCATION(S)	MIXTURE USE(S)	PG	DESIGN AIR VOIDS	MIXTURE COMPOSITION	FRICTION AGGREGATE	MIXTURE WEIGHT	QUALITY MANAGEMENT PROGRAM	SUBLOT SIZE	MATERIAL TRANSFER DEVICE (REQUIRED?)
MAINLINE	POLYMERIZED HMA SURFACE COURSE, IL-9.5, MIX "D", N90 (1 1/2")	SBS PG 70-22	4.0% @ N=90	IL - 9.5	MIXTURE D	N90	PPF	1000	N/A
MAINLINE	POLYMERIZED HMA BINDER COURSE, IL-9.5FG, N90 (1 1/4")	SBS PG 70-22	4.0% @ N=90	IL - 9.5FG	N/A	N90	PPF	1000	N/A
INCIDENTAL	INCIDENTAL HOT-MIX ASPHALT SURFACING	PG 64-22	4.0% @ N=70	IL - 9.5	MIXTURE C	N70	QC/QA	N/A	N/A

THE FOLLOWING STANDARDS ARE A PART OF THESE PLANS AND ARE INCLUDED FOLLOWING THE LAST NUMBERED SHEET OF THE PLANS.

000001-08	STANDARD SYMBOLS, ABBREVIATIONS, AND PATTERNS
406201-01	MAILBOX TURNOUT
442101-09	CLASS B PATCHES
642006-01	SHOULDER RUMBLE STRIPS, 8 INCH
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
701201-05	LANE CLOSURE, 2L, 2W, DAY ONLY, FOR SPEEDS $\geq$ 45 MPH
701301-04	LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS
701306-04	LANE CLOSURE, 2L, 2W, SLOW MOVING OPERATIONS DAY ONLY, FOR SPEEDS $\geq$ 45 MPH
701311-03	LANE CLOSURE, 2L, 2W, MOVING OPERATIONS - DAY ONLY
701901-08	TRAFFIC CONTROL DEVICES
780001-05	TYPICAL PAVEMENT MARKINGS
781001-04	TYPICAL APPLICATIONS OF RAISED REFLECTIVE PAVEMENT MARKINGS
001006	DECIMAL OF AN INCH AND OF A FOOT
420001-10	PAVEMENT JOINTS
420701-03	PAVEMENT WELDED WIRE REINFORCEMENT

REV. - MS

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	DRAWN -	REVISED -			327	7RS-1	•	36	2	
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PLOT DATE = 4/13/2023	DATE -	REVISED -			SCALE:	SHEET 1 OF 2 SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT	

\* CLAY, RICHLAND

80% FED  
20% STATE

80% FED  
20% STATE

SUMMARY OF QUANTITIES			TOTAL QUANTITIES	CONSTRUCTION TYPE CODE		
CODE NO	ITEM	UNIT		005 CLAY	005 RICHLAND	
40200300	AGGREGATE SURFACE COURSE, TYPE A 4"	SQ YD	1170		1170	
40200800	AGGREGATE SURFACE COURSE, TYPE B	TON	120	94	26	
40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	90153	70277	19876	
40600370	LONGITUDINAL JOINT SEALANT	FOOT	39332	30498	8834	
40600990	TEMPORARY RAMP	SQ YD	107	80	27	
40603219	POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-9.5FG, N90	TON	9323	7268	2055	
40604164	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N90	TON	11305	8829	2476	
40800050	INCIDENTAL HOT-MIX ASPHALT SURFACING	TON	562	549	13	
44000155	HOT-MIX ASPHALT SURFACE REMOVAL, 1 1/2"	SQ YD	133560	104114	29446	
44200050	WELDED WIRE REINFORCEMENT	SQ YD	16		16	
44201003	CLASS B PATCHES, TYPE I, 13 INCH	SQ YD	12	9	3	
44201007	CLASS B PATCHES, TYPE II, 13 INCH	SQ YD	365	226	139	
44201011	CLASS B PATCHES, TYPE III, 13 INCH	SQ YD	16		16	
44201299	DOWEL BARS 1 1/2"	EACH	1226	856	370	

SUMMARY OF QUANTITIES			TOTAL QUANTITIES	CONSTRUCTION TYPE CODE		
CODE NO	ITEM	UNIT		005 CLAY	005 RICHLAND	
44213200	SAW CUTS	FOOT	2675	1840	835	
48102100	AGGREGATE WEDGE SHOULDER, TYPE B	TON	5626	4348	1278	
64200108	SHOULDER RUMBLE STRIPS, 8 INCH	FOOT	76081	58656	17425	
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	4	3	1	
67000600	ENGINEER'S FIELD LABORATORY	CAL MO	4	3	1	
67100100	MOBILIZATION	L SUM	1	0.75	0.25	
70100450	TRAFFIC CONTROL AND PROTECTION, STANDARD 701201	L SUM	1	0.75	0.25	
70100460	TRAFFIC CONTROL AND PROTECTION, STANDARD 701306	L SUM	1	0.75	0.25	
70107025	CHANGEABLE MESSAGE SIGN	CAL DA	28	14	14	
70300100	SHORT TERM PAVEMENT MARKING	FOOT	13312	10662	2650	
70300150	SHORT TERM PAVEMENT MARKING REMOVAL	SQ FT	4437	3554	883	

REV. - MS

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STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

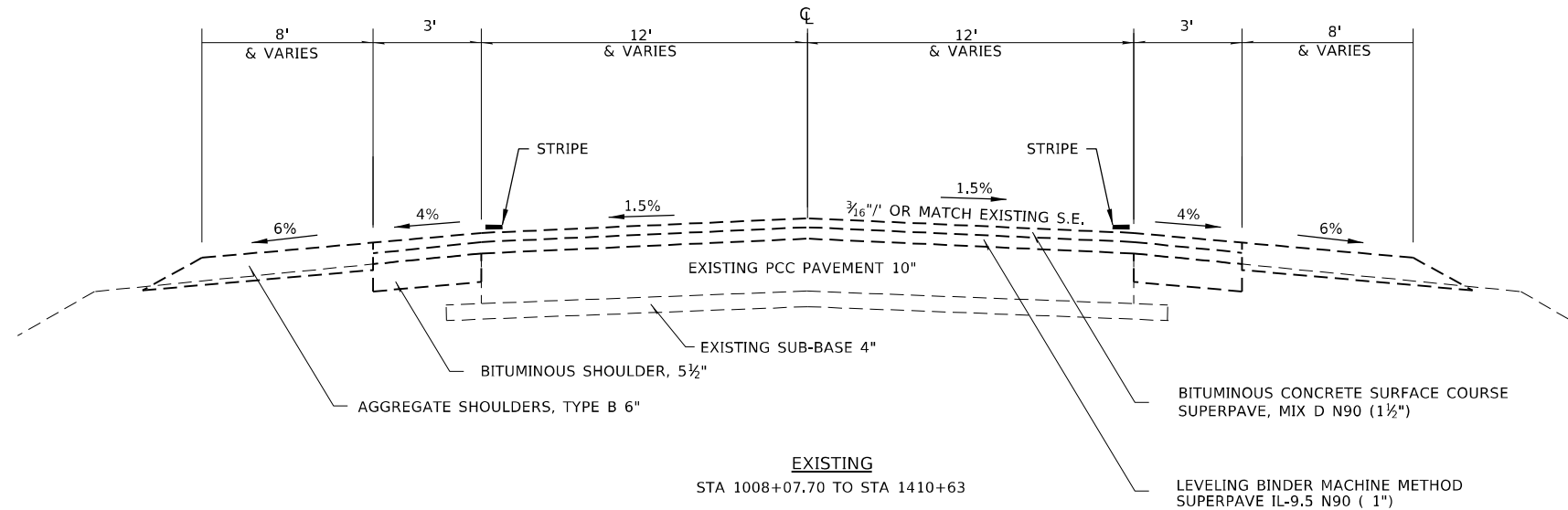
SUMMARY OF QUANTITIES

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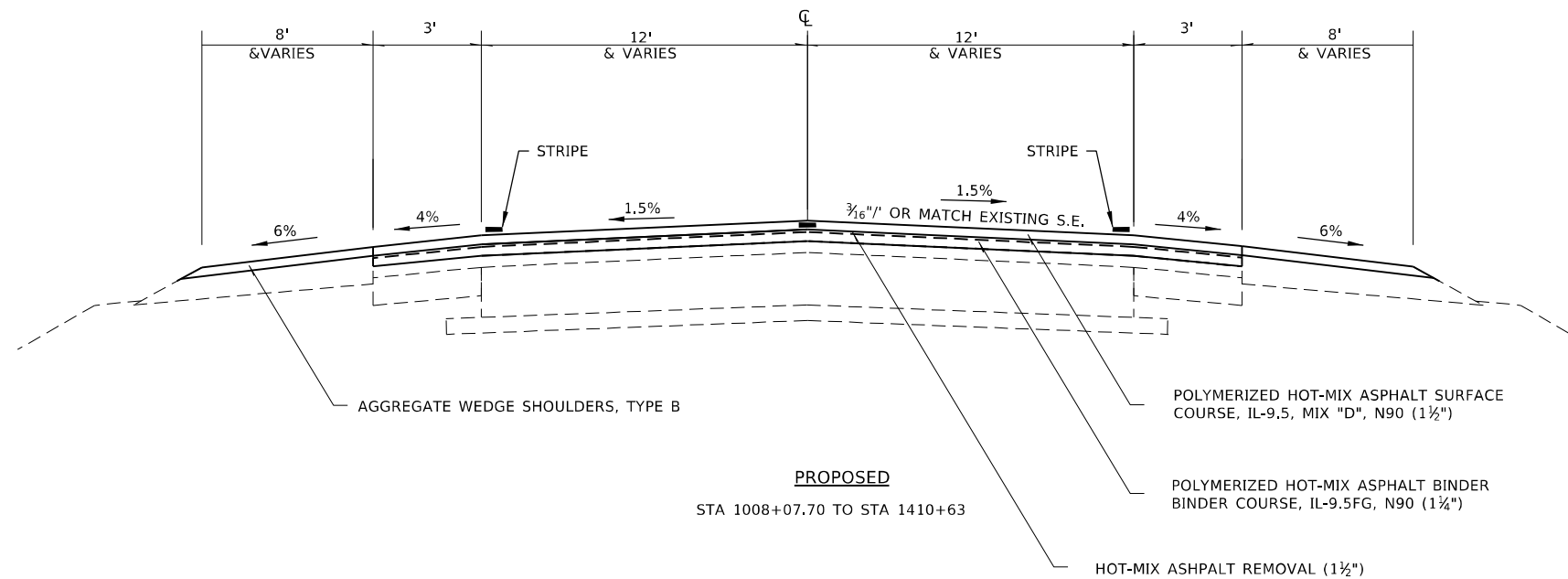
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
327	7R5-1	*	36	3
CONTRACT NO. 74977			ILLINOIS FED. AID PROJECT	

\* CLAY, RICHLAND





**EXISTING**  
STA 1008+07.70 TO STA 1410+63



**PROPOSED**  
STA 1008+07.70 TO STA 1410+63

NOTE: BEGINNING STATION IS 927+50 ACCORDING TO STATIONING TO THE WEST. NO STATION EQUATION IS PRESENT AT THIS LOCATION.

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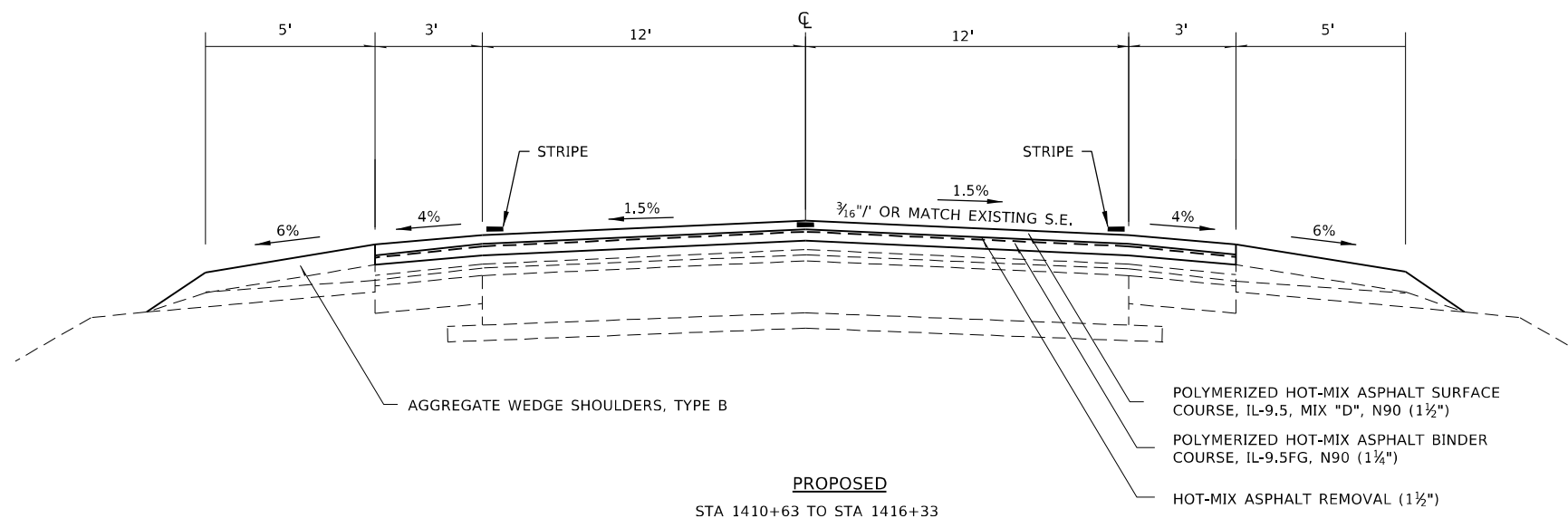
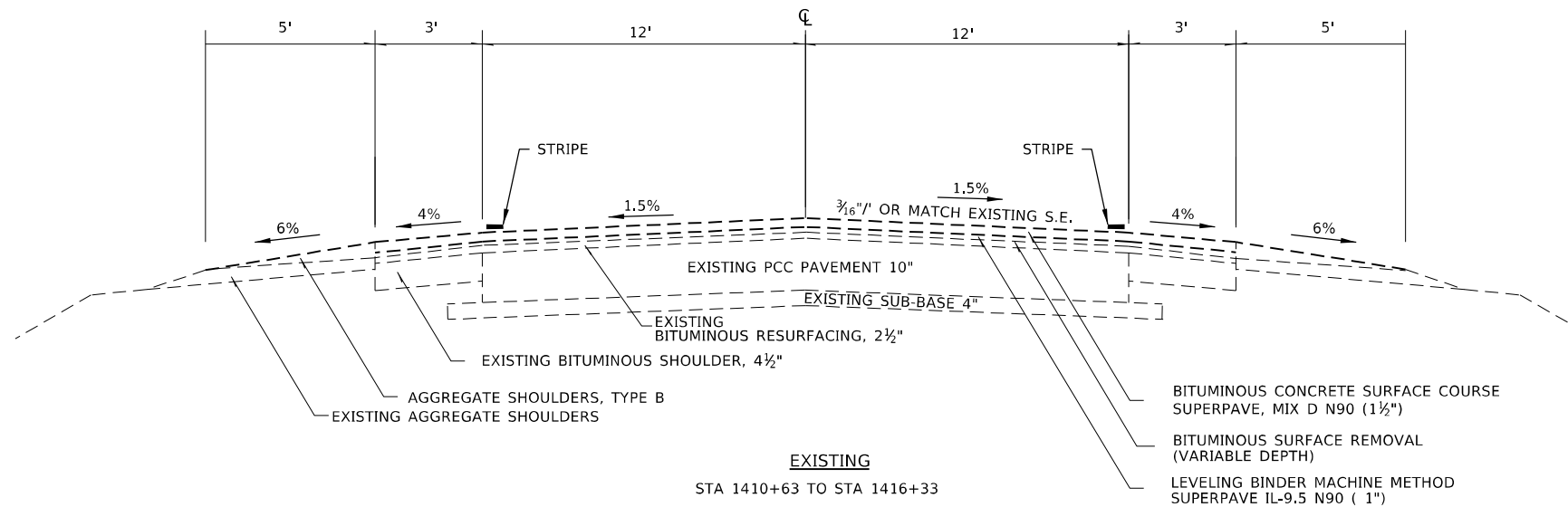
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**TYPICAL SECTIONS**

SCALE: SHEET 1 OF 2 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
327	7RS-1	-	36	5
CONTRACT NO. 74977				
ILLINOIS FED. AID PROJECT				

\* CLAY, RICHLAND



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PLOT DATE = 4/13/2023	DATE -	REVISED -

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

**TYPICAL SECTIONS**

SCALE: SHEET 2 OF 2 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
327	7RS-1	-	36	6
CONTRACT NO. 74977			ILLINOIS FED. AID PROJECT	

\* CLAY, RICHLAND

PATCHING SCHEDULE										
PATCH NUMBER	STATION	LENGTH (FOOT)	WIDTH (FOOT)	DEPTH (INCH)	CLASS B PATCHES, TYPE I, 13" (SQ.YD)	CLASS B PATCHES, TYPE II, 13" (SQ.YD)	CLASS B PATCHES, TYPE III, 13" (SQ.YD)	DOWEL BARS 1 1/2" (EACH)	WELDED WIRE REINFORCEMENT (SQ.YD)	SAW CUTS (FOOT)
CLAY COUNTY										
EASTBOUND										
1	940+15.68	4.0	12.0	13.0		5.3		20		41.5
4	956+15.52	4.0	12.0	13.0		5.3		20		41.5
6	972+04.80	5.0	12.0	13.0		6.7		20		47.5
7	982+18.56	4.0	12.0	13.0		5.3		20		41.5
9	1042+11.36	4.0	17.0	13.0		7.6		28		56.5
11	1056+15.84	4.0	6.0	13.0	2.7			10		27.5
13	1081+55.52	4.0	12.0	13.0		5.3		20		45.5
14	1084+30.08	5.0	6.0	13.0	3.3			10		29.5
15	1088+15.52	6.0	12.0	13.0		8.0		20		49.5
16	1095+12.48	4.0	12.0	13.0		5.3		20		41.5
18	1096+23.36	4.0	12.0	13.0		5.3		20		41.5
20	1134+77.76	4.0	12.0	13.0		5.3		20		41.5
23	1144+65.12	4.0	6.0	13.0	2.7			10		27.5
24	1152+20.16	4.0	12.0	13.0		5.3		20		41.5
26	1152+57.12	4.0	12.0	13.0		5.3		20		41.5
28	1153+31.04	4.0	12.0	13.0		5.3		20		41.5
30	1157+21.76	4.0	12.0	13.0		5.3		20		41.5
32	1157+37.60	4.0	12.0	13.0		5.3		20		41.5
34	1158+16.80	4.0	12.0	13.0		5.3		20		41.5
36	1158+48.48	4.0	12.0	13.0		5.3		20		41.5
38	1159+17.12	4.0	12.0	13.0		5.3		20		41.5
40	1160+17.44	4.0	12.0	13.0		5.3		20		41.5
42	1161+12.48	4.0	12.0	13.0		5.3		20		45.5
43	1226+06.88	4.0	12.0	13.0		5.3		20		41.5
WESTBOUND										
2	940+15.68	4.0	12.0	13.0		5.3		20		41.5
3	947+33.76	4.0	12.0	13.0		5.3		20		45.5
5	956+15.52	4.0	12.0	13.0		5.3		20		41.5
8	982+18.56	4.0	12.0	13.0		5.3		20		41.5
10	1042+11.36	4.0	17.0	13.0		7.6		28		56.5
12	1077+12.00	8.0	6.0	13.0		5.3		10		35.5
17	1095+12.48	4.0	12.0	13.0		5.3		20		41.5
19	1096+23.36	4.0	12.0	13.0		5.3		20		41.5
21	1134+77.76	4.0	12.0	13.0		5.3		20		41.5
22	1141+74.72	4.0	12.0	13.0		5.3		20		45.5
25	1152+20.16	4.0	12.0	13.0		5.3		20		41.5
27	1152+57.12	4.0	12.0	13.0		5.3		20		41.5
29	1153+31.04	4.0	12.0	13.0		5.3		20		41.5
31	1157+21.76	4.0	12.0	13.0		5.3		20		41.5
33	1157+37.60	4.0	12.0	13.0		5.3		20		41.5
35	1158+16.80	4.0	12.0	13.0		5.3		20		41.5
37	1158+48.48	4.0	12.0	13.0		5.3		20		41.5
39	1159+17.12	4.0	12.0	13.0		5.3		20		41.5
41	1160+17.44	4.0	12.0	13.0		5.3		20		41.5
44	1226+06.88	4.0	12.0	13.0		5.3		20		41.5

PATCHING SCHEDULE										
PATCH NUMBER	STATION	LENGTH (FOOT)	WIDTH (FOOT)	DEPTH (INCH)	CLASS B PATCHES, TYPE I, 13" (SQ.YD)	CLASS B PATCHES, TYPE II, 13" (SQ.YD)	CLASS B PATCHES, TYPE III, 13" (SQ.YD)	DOWEL BARS 1 1/2" (EACH)	WELDED WIRE REINFORCEMENT (SQ.YD)	SAW CUTS (FOOT)
RICHLAND COUNTY										
EASTBOUND										
47	59+40.00	8.0	12.0	13.0		10.7		20		45.5
50	61+24.80	4.0	12.0	13.0		5.3		20		41.5
52	86+27.52	11.0	12.0	13.0		14.7		20		48.5
55	90+86.88	5.0	12.0	13.0		6.7		20		42.5
57	91+08.00	12.0	12.0	13.0			16.0	20	16.0	49.5
59	91+23.84	4.0	6.0	13.0	2.7			10		27.5
60	91+34.40	5.0	12.0	13.0		6.7		20		42.5
62	91+66.08	6.0	12.0	13.0		8.0		20		43.5
WESTBOUND										
45	22+33.44	4.0	12.0	13.0		5.3		20		45.5
46	57+28.80	4.0	12.0	13.0		5.3		20		45.5
48	59+40.00	8.0	12.0	13.0		10.7		20		45.5
49	60+24.48	4.0	12.0	13.0		5.3		20		45.5
51	61+24.80	4.0	12.0	13.0		5.3		20		41.5
53	86+27.52	11.0	12.0	13.0		14.7		20		48.5
54	89+17.92	4.0	12.0	13.0		5.3		20		45.5
56	90+86.88	6.0	12.0	13.0		8.0		20		43.5
58	91+08.00	8.0	12.0	13.0		10.7		20		45.5
61	91+34.40	5.0	12.0	13.0		6.7		20		42.5
63	91+66.08	7.0	12.0	13.0		9.3		20		44.5
CLAY COUNTY EASTBOUND TOTAL					9	118	0	458	0	993
CLAY COUNTY WESTBOUND TOTAL					0	108	0	398	0	847
RICHLAND COUNTY EASTBOUND TOTAL					3	52	16	150	16	341
RICHLAND COUNTY WESTBOUND TOTAL					0	87	0	220	0	494
TOTAL					12	365	16	1226	16	2675

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PLOT DATE = 4/13/2023	DATE -	REVISED -

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

**SCHEDULE OF QUANTITIES**

SCALE: SHEET 1 OF 6 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
327	7RS-1		36	7
CONTRACT NO. 74977				
		ILLINOIS	FED. AID PROJECT	

HMA MAINLINE SCHEDULE											
STATION	TO	STATION	LENGTH (FOOT)	WIDTH (FOOT)	AREA (SQ FT)	HOT-MIX ASPHALT SURFACE REMOVAL, 1 1/2 INCH (SQ YD)	BITUMINOUS MATERIAL (TACK COAT) (POUNDS)		POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL- 9.5FG, N90 (TON)	LONGITUDINAL JOINT SEALANT (FOOT)	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N90 (TON)
							BINDER	SURFACE			
CLAY COUNTY											
1008+07.70		1008+32.70	25.00	24	600.0	66.7	30.0	15.0	2.0	25.0	6.2
1008+32.70		1081+53.58	7320.88	24	175701.1	19522.3	8785.1	4392.5	1366.6	7320.9	1639.9
1081+53.58		1109+74.75	2821.17	24	67708.1	7523.1	3385.4	1692.7	526.6	2821.2	631.9
1109+74.75		1115+00.00	525.25	30	15757.5	1750.8	787.9	393.9	122.6	525.3	147.1
1115+00.00		1118+82.14	382.14	36	13757.0	1528.6	687.9	343.9	107.0	382.1	128.4
1118+82.14		1121+43.57	261.43	48	12548.6	1394.3	627.4	313.7	97.6	261.4	117.1
1121+43.57		1124+08.60	265.03	36	9541.1	1060.1	477.1	238.5	74.2	265.0	89.1
1124+08.60		1137+75.13	1366.53	24	32796.7	3644.1	1639.8	819.9	255.1	1366.5	382.6
1137+75.13		1137+61.54	STATION EQUATION								
1137+61.54		1167+90.00	3028.46	24	72683.0	8075.9	3634.2	1817.1	565.3	3028.5	678.4
1167+90.00		1171+71.88	381.88	24	9165.1	1018.3	458.3	229.1	71.3	381.9	85.5
1171+71.88		1180+72.14	900.26	24	21606.2	2400.7	1080.3	540.2	168.0	900.3	201.7
1180+72.14		1185+97.00	524.86	24	12596.6	1399.6	629.8	314.9	98.0	524.9	117.6
1185+97.00		1188+22.46	225.46	30	6763.8	751.5	338.2	169.1	52.6	225.5	63.1
1188+22.46		1190+23.11	200.65	36	7223.4	802.6	361.2	180.6	56.2	200.6	67.4
1190+23.11		1192+10.52	187.41	30	5622.3	624.7	281.1	140.6	43.7	187.4	52.5
1192+10.52		1222+64.29	3053.77	24	73290.5	8143.4	3664.5	1832.3	570.0	3053.8	684.0
1222+64.29		1222+80.48	STATION EQUATION								
1222+80.48		1225+40.82	260.34	24	6248.2	694.2	312.4	156.2	48.6	260.3	58.3
1225+40.82		1225+65.82	25.00	24	600.0	66.7	30.0	15.0	2.0	25.0	6.2
1225+65.82		1228+34.16	BRIDGE OMISSION								
1228+34.16		1228+59.16	25.00	24	600.0	66.7	30.0	15.0	2.0	25.0	6.2
1228+59.16		1288+95.74	6036.58	24	144877.9	16097.5	7243.9	3621.9	1126.8	6036.6	1352.2
1288+95.74		1289+20.74	25.00	24	600.0	66.7	30.0	15.0	2.0	25.0	6.2
1289+20.74		1294+10.74	BRIDGE OMISSION								
1294+10.74		1294+35.74	25.00	24	600.0	66.7	30.0	15.0	2.0	25.0	6.2
1294+35.74		1320+41.74	2606.00	24	62544.0	6949.3	3127.2	1563.6	486.5	2606.0	583.7
1320+41.74		1320+66.74	25.00	24	600.0	66.7	30.0	15.0	2.0	25.0	6.2
1320+66.74		1327+93.24	BRIDGE OMISSION								
RICHLAND COUNTY											
1327+93.24		1328+18.24	25.00	24	600.0	66.7	30.0	15.0	2.0	25.0	6.2
1328+18.24		1332+50.68	432.44	24	10378.6	1153.2	518.9	259.5	80.7	432.4	96.9
1332+50.68		1346+59.74	1409.06	24	33817.4	3757.5	1690.9	845.4	263.0	1409.1	315.6
1346+59.74		1346+65.71	STATION EQUATION								
1346+65.71		1410+63.00	6397.29	24	153535.0	17059.4	7676.7	3838.4	1194.2	6397.3	1433.0
1410+63.00		1416+08.00	545.00	24	13080.0	1453.3	654.0	327.0	101.7	545.0	122.1
1416+08.00		1416+33.00	25.00	24	600.0	66.7	30.0	15.0	2.0	25.0	6.2
CLAY COUNTY TOTAL			25364		754031	83781	37702	18851	5849	30498	7118
RICHLAND COUNTY TOTAL			8834		212011	23557	10601	5300	1644	8834	1980
TOTAL			34198		966042	107338	48302	24151	7492	39332	9098

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USER NAME = Jessica.Hille	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 100,0000' / in.	CHECKED -	REVISED -
PLOT DATE = 4/13/2023	DATE -	REVISED -

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

**SCHEDULE OF QUANTITIES**

SCALE: SHEET 2 OF 6 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
327	7RS-1	-	36	8
			CONTRACT NO. 74977	
		ILLINOIS	FED. AID PROJECT	



HMA SHOULDER SCHEDULE												
STATION	TO	STATION	LENGTH (FOOT)	WIDTH (FOOT)	AREA (SQ FT)	HOT-MIX ASPHALT SURFACE REMOVAL, 1 1/2 INCH (SQ YD)	BITUMINOUS MATERIAL (TACK COAT) (POUNDS)		POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-9.5FG, N90 (TON)	POLYMERIZED HOT- MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N90 (TON)	SHOULDER RUMBLE STRIPS, 8 INCH (FOOT)	AGGREGATE WEDGE SHOULDER, TYPE B (TON)
						BINDER	SURFACE					
CLAY COUNTY												
1008+07.70		1008+32.70	25.00	6	150.0	16.7	7.5	3.8	0.5	2.0	50.0	4
1008+32.70		1081+53.58	7320.88	6	43925.3	4880.6	2196.3	1098.1	341.6	410.0	14115.8	1079
1081+53.58		1109+74.75	2821.17	6	16927.0	1880.8	846.4	423.2	131.7	158.0	5023.3	408
1109+74.75		1115+00.00	525.25	6	3151.5	350.2	157.6	78.8	24.5	29.4	1050.5	57
1115+00.00		1118+82.14	382.14	6	2292.8	254.8	114.6	57.3	17.8	21.4	764.3	58
1118+82.14		1121+43.57	261.43	6	1568.6	174.3	78.4	39.2	12.2	14.6	522.9	16
1121+43.57		1124+08.60	265.03	6	1590.2	176.7	79.5	39.8	12.4	14.8	530.1	40
1124+08.60		1137+75.13	1366.53	6	8199.2	911.0	410.0	205.0	63.8	76.5	2733.1	184
1137+75.13		1137+61.54	STATION EQUATION									
1137+61.54		1167+90.00	3028.46	6	18170.8	2019.0	908.5	454.3	141.3	169.6	5901.9	433
1167+90.00		1171+71.88	381.88	6	2291.3	254.6	114.6	57.3	17.8	21.4	763.8	58
1171+71.88		1180+72.14	900.26	6	5401.6	600.2	270.1	135.0	42.0	50.4	1800.5	137
1180+72.14		1185+97.00	524.86	6	3149.2	349.9	157.5	78.7	24.5	29.4	1049.7	80
1185+97.00		1188+22.46	225.46	6	1352.8	150.3	67.6	33.8	10.5	12.6	30.9	19
1188+22.46		1190+23.11	200.65	6	1203.9	133.8	60.2	30.1	9.4	11.2	401.3	1
1190+23.11		1192+10.52	187.41	6	1124.5	124.9	56.2	28.1	8.7	10.5	374.8	13
1192+10.52		1222+64.29	3053.77	6	18322.6	2035.8	916.1	458.1	142.5	171.0	6040.5	434
1222+64.29		1222+80.48	STATION EQUATION									
1222+80.48		1225+40.82	260.34	6	1562.0	173.6	78.1	39.1	12.1	14.6	520.7	35
1225+40.82		1225+65.82	25.00	6	150.0	16.7	7.5	3.8	0.5	2.0	50.0	4
1225+65.82		1228+34.16	BRIDGE OMISSION									
1228+34.16		1228+59.16	25.00	6	150.0	16.7	7.5	3.8	0.5	2.0	50.0	4
1228+59.16		1288+95.74	6036.58	6	36219.5	4024.4	1811.0	905.5	281.7	338.0	11750.2	891
1288+95.74		1289+20.74	25.00	6	150.0	16.7	7.5	3.8	0.5	2.0	50.0	4
1289+20.74		1294+10.74	BRIDGE OMISSION									
1294+10.74		1294+35.74	25.00	6	150.0	16.7	7.5	3.8	0.5	2.0	50.0	4
1294+35.74		1320+41.74	2606.00	6	15636.0	1737.3	781.8	390.9	121.6	145.9	4982.0	381
1320+41.74		1320+66.74	25.00	6	150.0	16.7	7.5	3.8	0.5	2.0	50.0	4
1320+66.74		1327+93.24	BRIDGE OMISSION									
RICHLAND COUNTY												
1327+93.24		1328+18.24	25.00	6	150.0	16.7	7.5	3.8	0.5	2.0	100.0	8
1328+18.24		1332+50.68	432.44	6	2594.6	288.3	129.7	64.9	20.2	24.2	771.9	56
1332+50.68		1346+59.74	1409.06	6	8454.4	939.4	422.7	211.4	65.8	78.9	2818.1	210
1346+59.74		1346+65.71	STATION EQUATION									
1346+65.71		1410+63.00	6397.29	6	38383.7	4264.9	1919.2	959.6	298.5	358.2	12594.6	950
1410+63.00		1416+08.00	545.00	6	3270.0	363.3	163.5	81.8	25.4	30.5	1040.0	49
1416+08.00		1416+33.00	25.00	6	150.0	16.7	7.5	3.8	0.5	2.0	100.0	5
CLAY COUNTY TOTAL			30498		182989	20332	9150	4575	1419	1711	58656	4348
RICHLAND COUNTY TOTAL			8834		53003	5889	2650	1325	411	496	17425	1278
TOTAL			39332		235991	26221	11800	5900	1830	2207	76081	5626

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	DRAWN -	REVISD -
PLOT SCALE = 100,0000' / in.	CHECKED -	REVISD -
PLOT DATE = 4/13/2023	DATE -	REVISD -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**SCHEDULE OF QUANTITIES**

SCALE: SHEET 3 OF 6 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
327	7RS-1	-	36	9
			CONTRACT NO. 74977	
			ILLINOIS FED. AID PROJECT	

PAVEMENT MARKING SCHEDULE

STATION	TO	STATION	LENGTH (FOOT)	TEMPORARY PAVEMENT MARKING LETTERS AND SYMBOLS - PAINT (FOOT)	TEMPORARY PAVEMENT MARKING - LINE 4 INCH - PAINT (FOOT)		TEMPORARY PAVEMENT MARKING - LINE 6 INCH - PAINT (FOOT)		TEMPORARY PAVEMENT MARKING - LINE 8 INCH - PAINT (FOOT)		TEMPORARY PAVEMENT MARKING - LINE 12 INCH - PAINT (FOOT)		TEMPORARY PAVEMENT MARKING - LINE 24 INCH - PAINT (FOOT)		THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS (FOOT)	PAINT PAVEMENT MARKING - LINE 4 INCH (FOOT)		THERMOPLASTIC PAVEMENT MARKING - LINE 4 INCH (FOOT)		THERMOPLASTIC PAVEMENT MARKING - LINE 6 INCH (FOOT)	THERMOPLASTIC PAVEMENT MARKING - LINE 8 INCH (FOOT)	THERMOPLASTIC PAVEMENT MARKING - LINE 12 INCH (FOOT)			
					YELLOW	WHITE	YELLOW	WHITE	YELLOW	WHITE	YELLOW	WHITE	WHITE	YELLOW		WHITE	YELLOW	WHITE	YELLOW			WHITE	YELLOW	WHITE	
CLAY COUNTY																									
1008+07.70		1008+57.70	50.00		12.5	100.0										12.5	100.0								
1008+57.70		1081+53.58	7295.88		1824.0	14112.8										1824.0	14112.8								
1081+53.58		1109+74.75	2821.17		3407.4	1822.2										532.7	3860.8	1431.3	1478.6						
1109+74.75		1123+49.15	1374.40	187.2	6024.8	3102.5	750	277	279	136	55	187.2						6024.8	3102.5	750	277	279	136		
1123+49.15		1137+75.13	1425.98		2407.7	2852.0										155.5	1244.3	2266.0	1608.0						
1137+75.13		1137+61.54																							
STATION EQUATION																									
1137+61.54		1167+90.00	3028.46		757.1	5849.9										757.1	5849.9								
1167+90.00		1171+71.88	381.88		95.5	763.8										95.5	763.8								
1171+71.88		1180+72.14	900.26		225.1	1800.5										225.1	1800.5								
1180+72.14		1185+97.00	524.86		131.2	1049.7										131.2	1049.7								
1185+97.00		1192+06.00	609.00	62.4	152.3	424.0	312						62.4			152.3	298.0			312					
1192+06.00		1222+64.29	3058.29		764.6	6002.1										764.6	5989.6								
1222+64.29		1222+80.48																							
STATION EQUATION																									
1222+80.48		1225+15.82	235.34		58.8	432.7										58.8	432.7								
1225+15.82		1225+65.82	50.00		12.5	100.0										12.5	100.0								
1225+65.82		1228+34.16	268.34		67.1	536.7										67.08	536.68								
1228+34.16		1228+84.16	50.00		12.5	100.0										12.5	100.0								
1228+84.16		1288+70.74	5986.58		1496.6	11578.2										1496.6	11578.2								
1288+70.74		1289+20.74	50.00		12.5	100.0										12.5	100.0								
1289+20.74		1294+10.74	490.00		122.5	980.0										122.50	980.00								
1294+10.74		1294+60.74	50.00		12.5	100.0										12.5	100.0								
1294+60.74		1320+16.74	2556.00		639.0	4930.0										639.0	4930.0								
1320+16.74		1320+66.74	50.00		12.5	100.0										12.5	100.0								
1320+66.74		1327+93.24	726.50		181.6	1453.0										67.08	536.68								
1327+93.24		1328+43.24	50.00		12.5	100.0										12.5	100.0								
1328+43.24		1332+50.68	407.44		101.9	814.9										101.9	814.9								
1332+50.68		1346+59.74	1409.06		352.3	2648.1										352.3	2818.1								
1346+59.74		1346+65.71																							
STATION EQUATION																									
1346+65.71		1410+63.00	6397.29		1599.3	12548.6										1599.3	12378.6								
1410+63.00		1415+83.00	520.00		563.0	1040.0										563.0	1040.0								
1415+83.00		1416+33.00	50.00		62.5	100.0										62.5	100.0								
CLAY COUNTY TOTAL			31983	250	18430	58290	1062	277	279	136	55	250	7164	54564	9722	6189	1062	277	279	136					
RICHLAND COUNTY TOTAL			8834	0	2691	17252	0	0	0	0	0	0	2691	17252	0	0	0	0	0	0	0				
OVERALL TOTAL			40817	250	21122	75541	1062	277	279	136	55	250	9855	71815	9722	6189	1062	277	279	136					
ROUNDED OVERALL TOTAL			40817	250	21122	75541	1062	277	279	136	55	250	9855	71815	9722	6190	1062	277	279	136					
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	DRAWN -	REVISED -
PLOT SCALE = 100,0000' / in.	CHECKED -	REVISED -
PLOT DATE = 4/13/2023	DATE -	REVISED -

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

<b>SCHEDULE OF QUANTITIES</b>			
SCALE:	SHEET 4	OF 6 SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
327	7RS-1	-	36	10
CONTRACT NO. 74977				
ILLINOIS FED. AID PROJECT				

PAVEMENT MARKING SCHEDULE																
STATION	TO	STATION	LENGTH (FOOT)	THERMOPLASTIC PAVEMENT MARKING - LINE 24 INCH (FOOT)	GROOVING FOR RECESSED PAVEMENT MARKING - LETTERS AND SYMBOLS (FOOT)	GROOVING FOR RECESSED PAVEMENT MARKING 5 INCH (FOOT)		GROOVING FOR RECESSED PAVEMENT MARKING 7 INCH (FOOT)	GROOVING FOR RECESSED PAVEMENT MARKING 9 INCH (FOOT)	GROOVING FOR RECESSED PAVEMENT MARKING 13 INCH (FOOT)		GROOVING FOR RECESSED PAVEMENT MARKING 25 INCH (FOOT)	RAISED REFELCTIVE PAVEMENT MARKER (EACH)	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL (EACH)	SHORT TERM PAVEMENT MARKING (FOOT)	SHORT TERM PAVEMENT MARKING REMOVAL (SQ FT)
						YELLOW	WHITE			YELLOW	WHITE					
CLAY COUNTY																
1008+07.70		1008+57.70	50.00										1	1	15.0	5.0
1008+57.70		1081+53.58	7295.88										91	91	2188.8	729.6
1081+53.58		1109+74.75	2821.17			1431.3	1478.6						35	35	846.4	282.1
1109+74.75		1123+49.15	1374.40	55	608	6024.8	3102.5	750	277	279	136	55	83	83	1296.4	432.1
1123+49.15		1137+75.13	1425.98			2266.0	1608.0						18	18	427.8	142.6
1137+75.13		1137+61.54		STATION EQUATION												
1137+61.54		1167+90.00	3028.46										38	38	908.5	302.8
1167+90.00		1171+71.88	381.88										5	5	114.6	38.2
1171+71.88		1180+72.14	900.26										11	11	270.1	90.0
1180+72.14		1185+97.00	524.86										7	7	157.5	52.5
1185+97.00		1192+06.00	609.00		203			312					8	8	365.1	121.7
1192+06.00		1222+64.29	3058.29										38	38	917.5	305.8
1222+64.29		1222+80.48		STATION EQUATION												
1222+80.48		1225+15.82	235.34										3	3	70.6	23.5
1225+15.82		1225+65.82	50.00										1	1	15.0	5.0
1225+65.82		1228+34.16	268.34												80.5	26.8
1228+34.16		1228+84.16	50.00										1	1	15.0	5.0
1228+84.16		1288+70.74	5986.58										75	75	1796.0	598.7
1288+70.74		1289+20.74	50.00										1	1	15.0	5.0
1289+20.74		1294+10.74	490.00												147.0	49.0
1294+10.74		1294+60.74	50.00										1	1	15.0	5.0
1294+60.74		1320+16.74	2556.00										32	32	766.8	255.6
1320+16.74		1320+66.74	50.00										1	1	15.0	5.0
1320+66.74		1327+93.24	726.50												218.0	72.7
RICHLAND COUNTY																
1327+93.24		1328+43.24	50.00										1	1	15.0	5.0
1328+43.24		1332+50.68	407.44										5	5	122.2	40.7
1332+50.68		1346+59.74	1409.06										18	18	422.7	140.9
1346+59.74		1346+65.71		STATION EQUATION												
1346+65.71		1410+63.00	6397.29										80	80	1919.2	639.7
1410+63.00		1415+83.00	520.00										7	7	156.0	52.0
1415+83.00		1416+33.00	50.00										1	1	15.0	5.0
CLAY COUNTY TOTAL			30498.10	55	811	9722	6189	1062	277	279	136	55	450	450	10661	3554
RICHLAND COUNTY TOTAL			8833.79	0	0	0	0	0	0	0	0	0	112	112	2650	883
OVERALL TOTAL			39331.89	55	811	9722	6189	1062	277	279	136	55	562	562	13312	4437
ROUNDED OVERALL TOTAL			39332	55	811	9722	6189	1062	277	279	136	55	562	562	13312	4337
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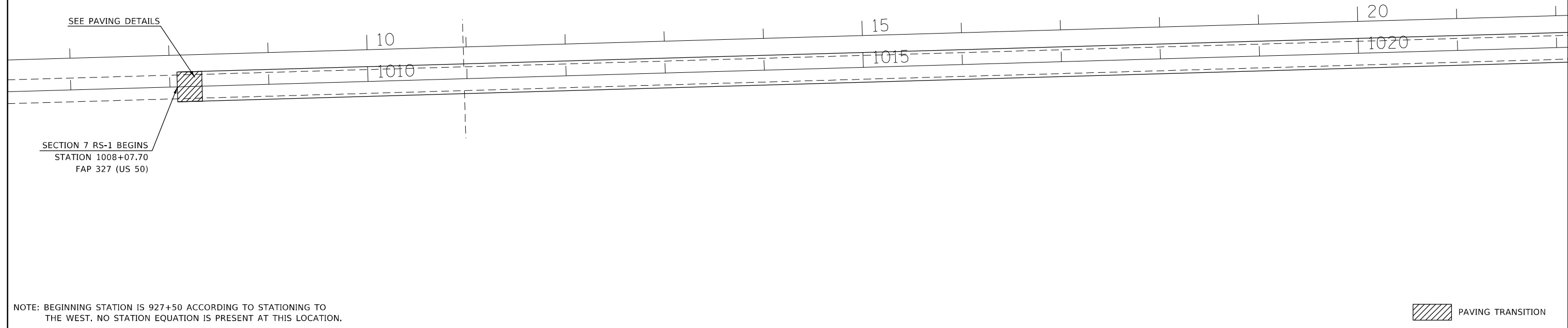
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	DRAWN -	REVISED -
PLOT SCALE = 100,0000' / in.	CHECKED -	REVISED -
PLOT DATE = 4/13/2023	DATE -	REVISED -

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

<b>SCHEDULE OF QUANTITIES</b>			
SCALE:	SHEET 5	OF 6 SHEETS	STA. TO STA.

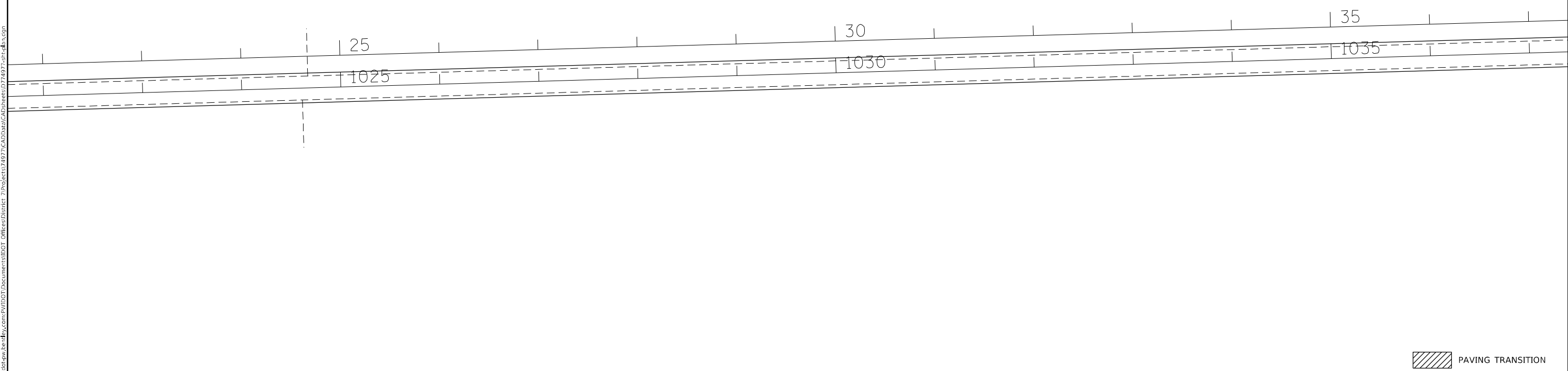
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
327	7RS-1	-	36	11
CONTRACT NO. 74977				
ILLINOIS FED. AID PROJECT				





NOTE: BEGINNING STATION IS 927+50 ACCORDING TO STATIONING TO THE WEST. NO STATION EQUATION IS PRESENT AT THIS LOCATION.

 PAVING TRANSITION



 PAVING TRANSITION

MODEL: Default  
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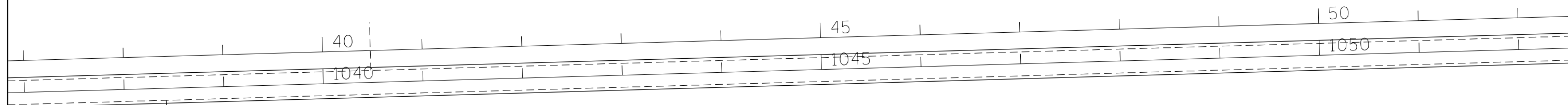
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	DRAWN -	REVISED -
PLOT SCALE = 100,0000' / in.	CHECKED -	REVISED -
PLOT DATE = 4/13/2023	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

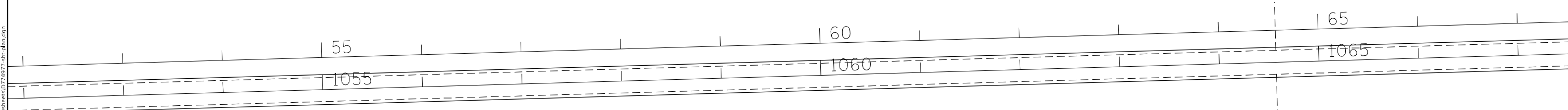
**PLAN SHEETS US 50**


SCALE: SHEET 1 OF 14 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
327	7RS-1	-	36	13
CONTRACT NO. 74977				
ILLINOIS FED. AID PROJECT				



 PAVING TRANSITION



 PAVING TRANSITION

MODEL: Default  
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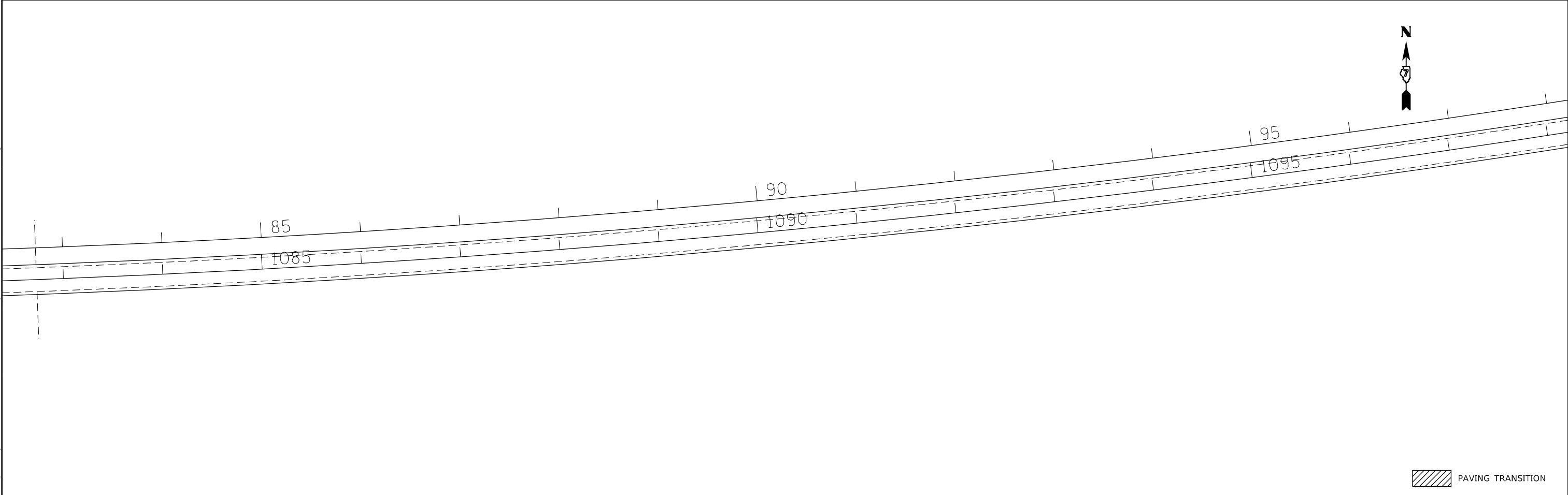
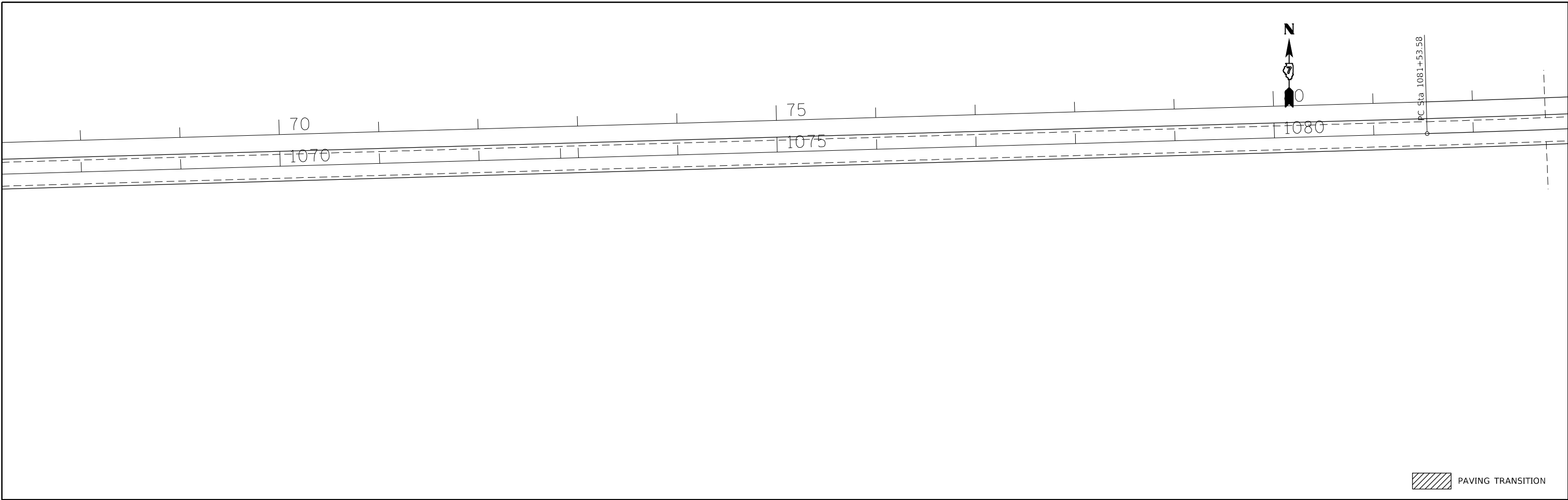
USER NAME = Jessica.Hille	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 100,0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 3/30/2023	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**PLAN SHEETS US 50**

SCALE: SHEET 2 OF 14 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
327	7RS-1	-	36	14
CONTRACT NO. 74977				



MODEL: Default  
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	DRAWN -	REVISED -
PLOT SCALE = 100,0000' / in.	CHECKED -	REVISED -
PLOT DATE = 3/30/2023	DATE -	REVISED -

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

<b>PLAN SHEETS US 50</b>			
SCALE:	SHEET 3	OF 14 SHEETS	STA. TO STA.


F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
327	7RS-1	-	36	15
CONTRACT NO. 74977				
ILLINOIS FED. AID PROJECT				



EXIST. CURVE C3  
 PI STA. = 1110+07.38  
 $\Delta = 24^\circ 20' 00''$  (LT)  
 $D = 0^\circ 25' 58''$   
 $R = 13,236.57'$   
 $T = 2,853.80'$   
 $L = 5,621.55'$   
 $E = 304.14'$   
 $e = \_\_\_\_\_\_$   
 $T.R. = \_\_\_\_\_\_$   
 $S.E. RUN = \_\_\_\_\_\_$   
 $P.C. STA. = 1081+53.58$   
 $P.T. STA. = 1137+75.13$

 PAVING TRANSITION



 PAVING TRANSITION

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	DRAWN -	REVISED -
PLOT SCALE = 100,0000' / in.	CHECKED -	REVISED -
PLOT DATE = 4/13/2023	DATE -	REVISED -

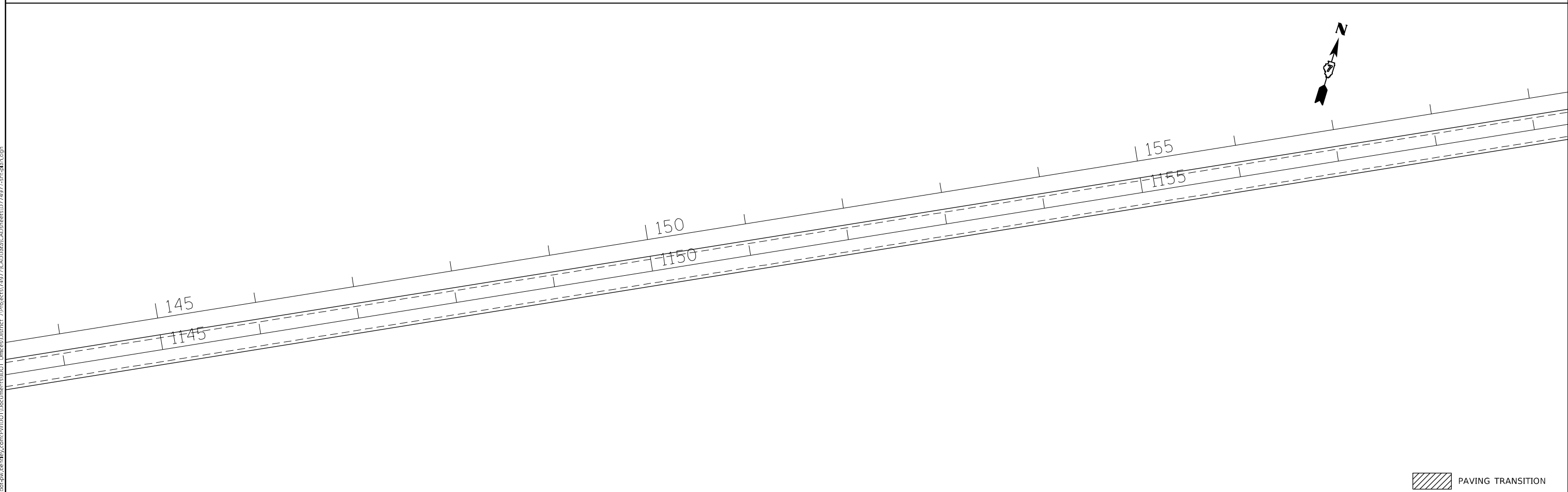
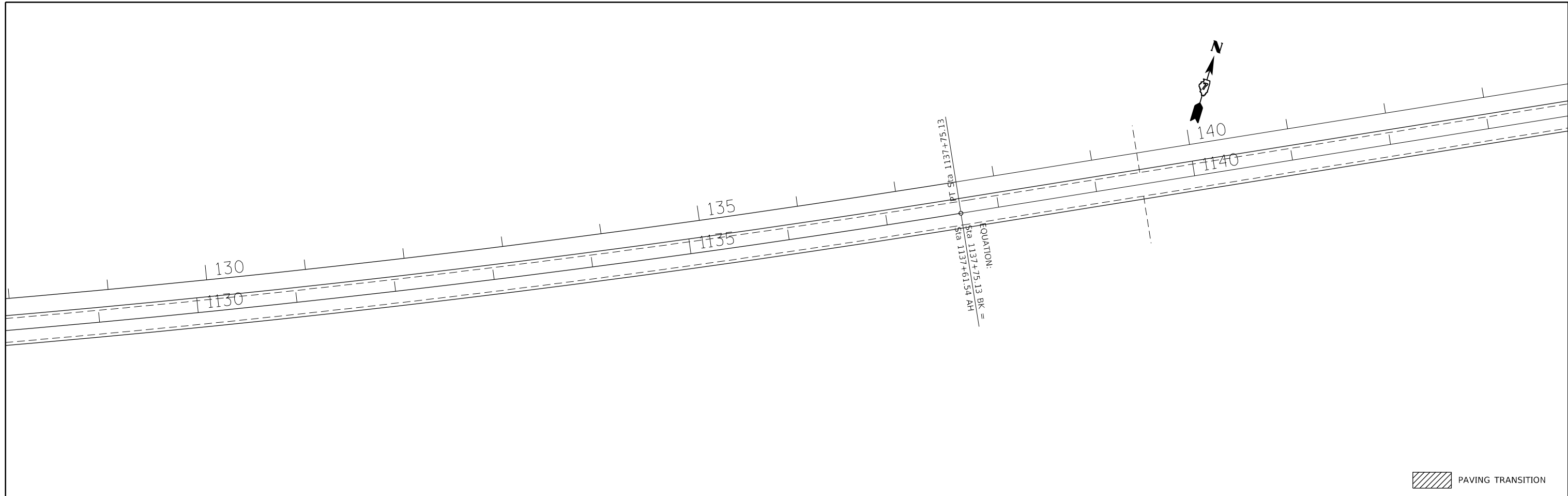
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**PLAN SHEETS US 50**

SCALE: SHEET 4 OF 14 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
327	7RS-1	-	36	16
CONTRACT NO. 74977				
ILLINOIS FED. AID PROJECT				





MODEL: Default  
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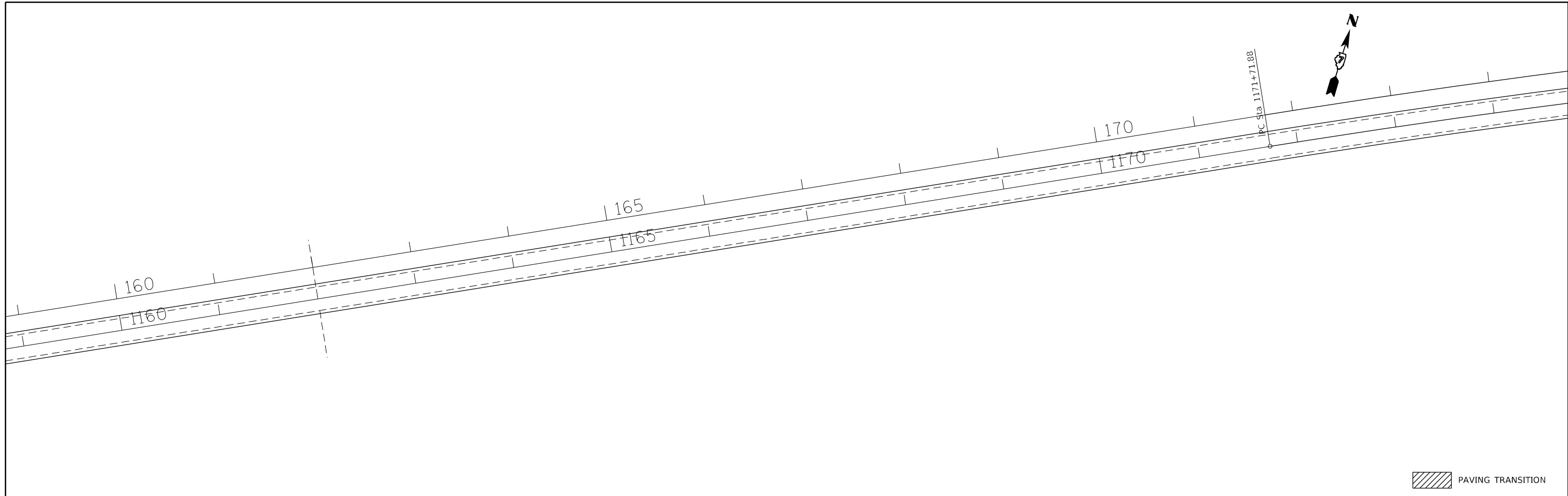
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	DRAWN -	REVISED -
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PLOT DATE = 3/30/2023	DATE -	REVISED -

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

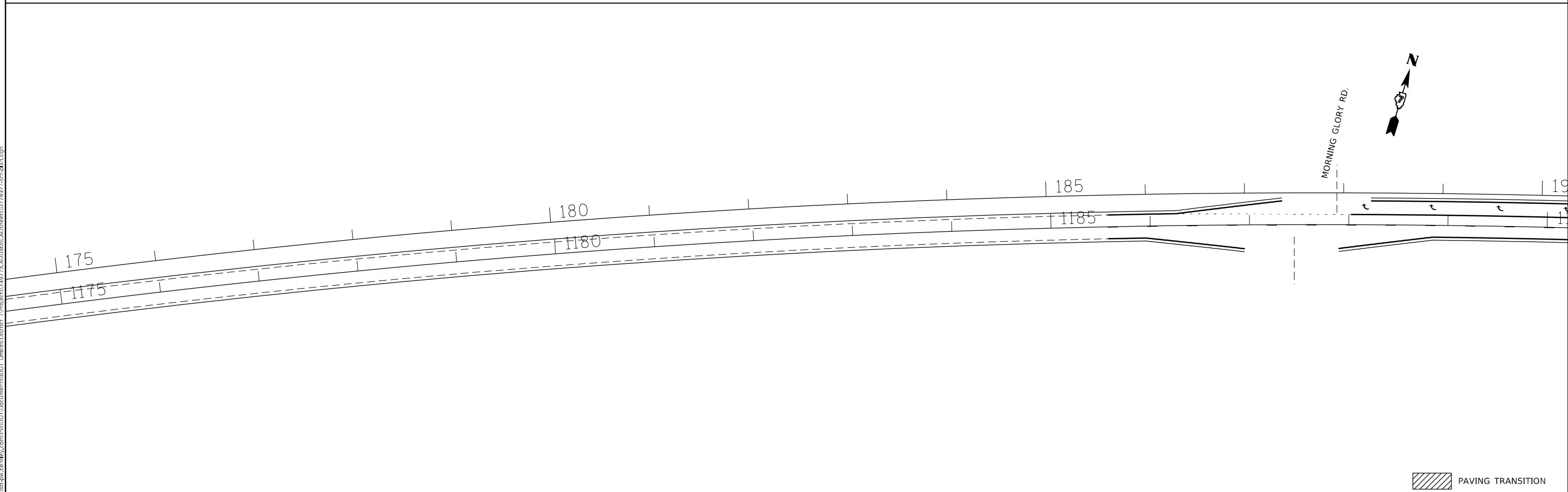
**PLAN SHEETS US 50**


SCALE: SHEET 5 OF 14 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
327	7RS-1	-	36	17
CONTRACT NO. 74977				
ILLINOIS FED. AID PROJECT				



 PAVING TRANSITION



 PAVING TRANSITION

MODEL: Default  
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USER NAME = Jessica.Hille	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 100,0000' / in.	CHECKED -	REVISED -
PLOT DATE = 4/13/2023	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

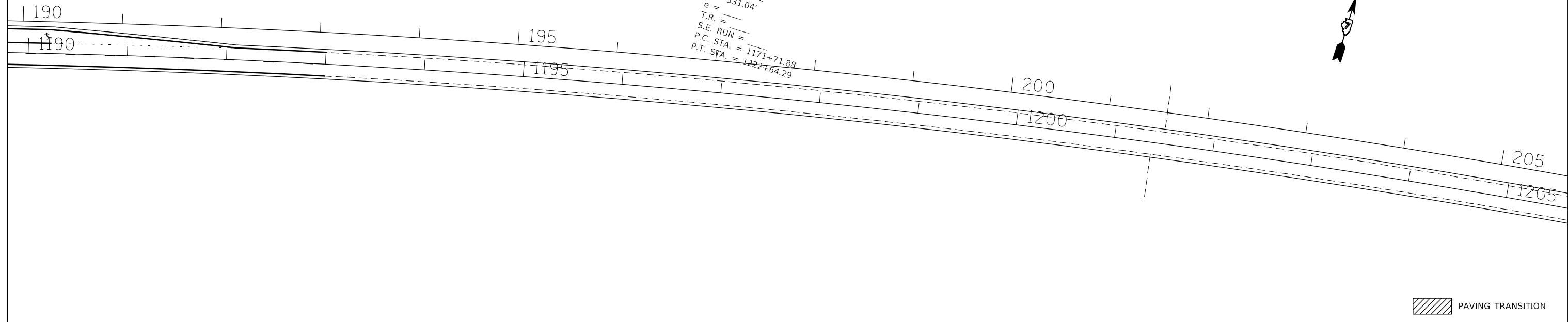
**PLAN SHEETS US 50**

SCALE: SHEET 6 OF 14 SHEETS STA. TO STA.

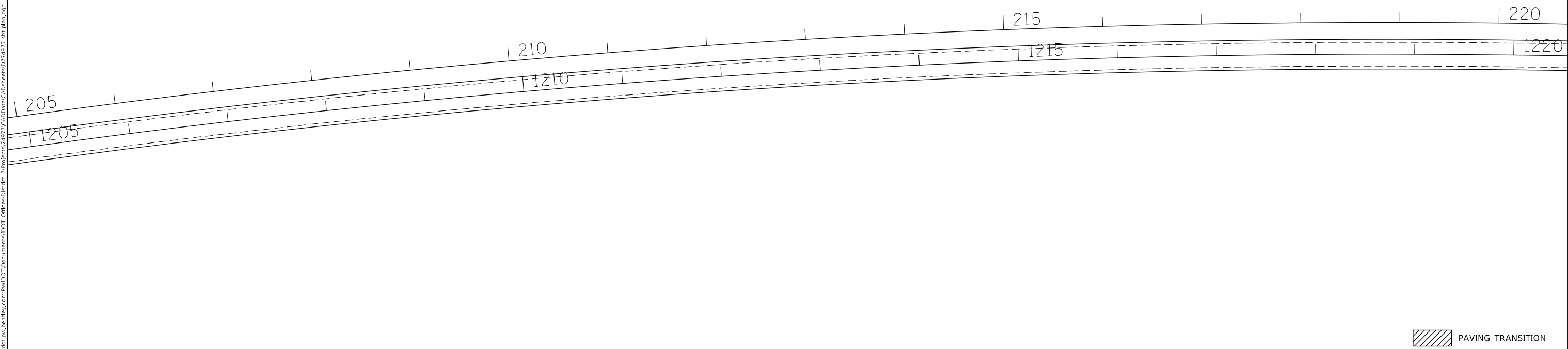
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
327	7RS-1	-	36	18
CONTRACT NO. 74977				

ILLINOIS FED. AID PROJECT

EXIST. CURVE C4  
 PI STA. = 1197+73.88  
 $\Delta = 29^{\circ} 00' 07''$  (RT)  
 $D = 0^{\circ} 34' 10''$   
 $R = 10,060.48'$   
 $T = 2,602.00'$   
 $L = 5,092.42'$   
 $E = 331.04'$   
 $e =$   
 $T.R. =$   
 $S.E. RUN =$   
 $P.C. STA. = 1171+71.88$   
 $P.T. STA. = 1222+64.29$



PAVING TRANSITION



PAVING TRANSITION

MODEL: Default  
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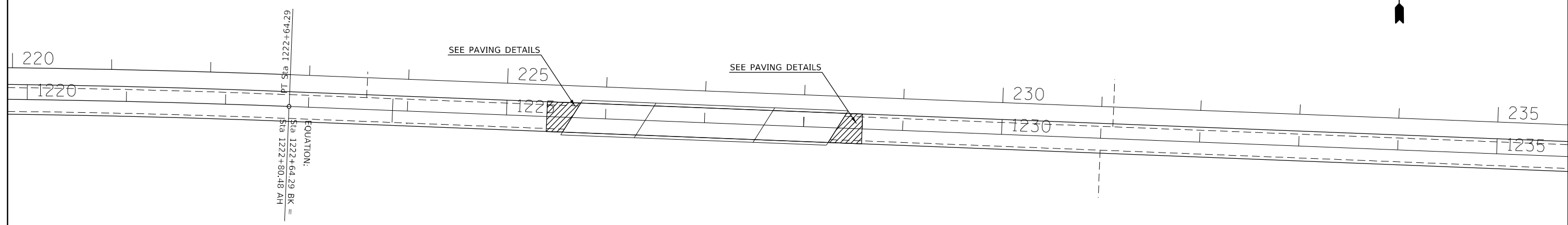
USER NAME = Jessica.Hille	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 100,0000' / in.	CHECKED -	REVISED -
PLOT DATE = 4/13/2023	DATE -	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

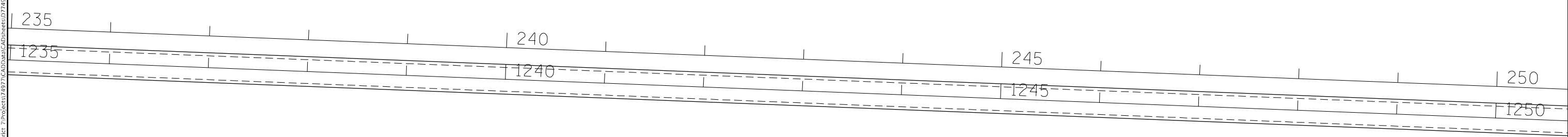
**PLAN SHEETS US 50**

SCALE: SHEET 7 OF 14 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
327	7RS-1	-	36	19
CONTRACT NO. 74977				
ILLINOIS FED. AID PROJECT				



 PAVING TRANSITION



 PAVING TRANSITION

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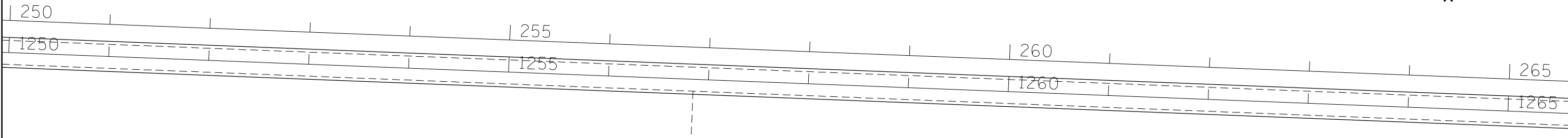
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	DRAWN -	REVISED -
PLOT SCALE = 100,0000' / in.	CHECKED -	REVISED -
PLOT DATE = 3/30/2023	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

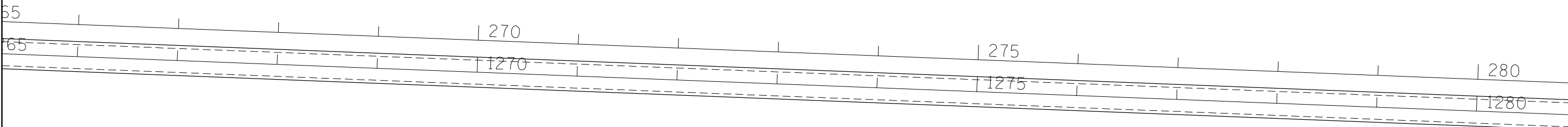
**PLAN SHEETS US 50**


SCALE: SHEET 8 OF 14 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
327	7RS-1	-	36	20
CONTRACT NO. 74977				
ILLINOIS FED. AID PROJECT				



 PAVING TRANSITION



 PAVING TRANSITION

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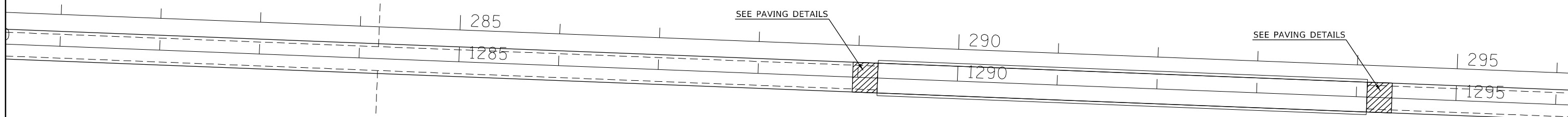
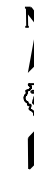
USER NAME = Jessica.Hille	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 100,0000' / in.	CHECKED -	REVISED -
PLOT DATE = 3/30/2023	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

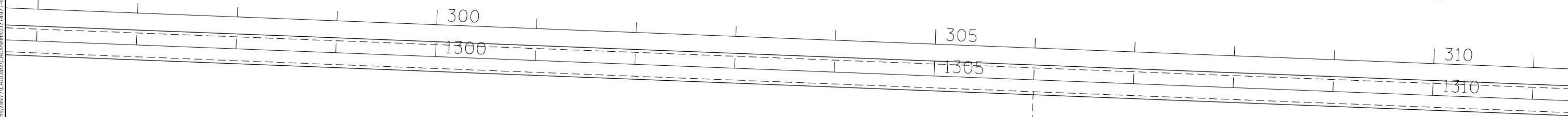
**PLAN SHEETS US 50**

SCALE: SHEET 9 OF 14 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
327	7RS-1	-	36	21
CONTRACT NO. 74977				
ILLINOIS FED. AID PROJECT				



 PAVING TRANSITION



 PAVING TRANSITION

MODEL: Default  
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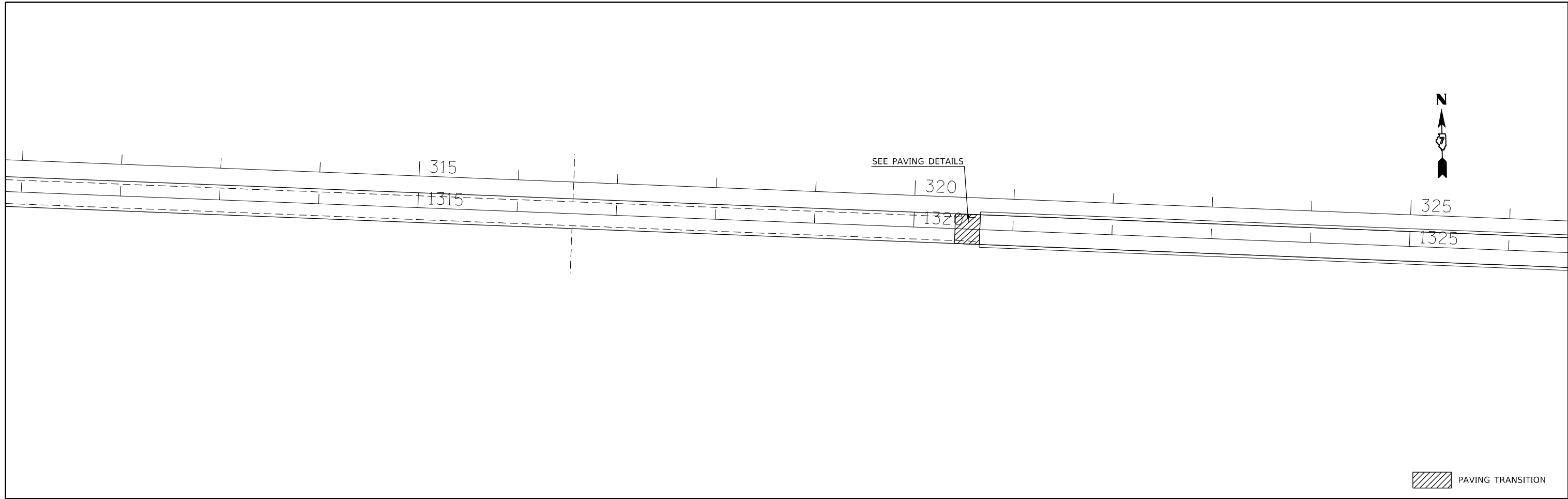
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	DRAWN -	REVISED -
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PLOT DATE = 3/30/2023	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**PLAN SHEETS US 50**

SCALE: SHEET 10 OF 14 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
327	7RS-1	-	36	22
CONTRACT NO. 74977				



 PAVING TRANSITION

 PAVING TRANSITION

MODEL: Default  
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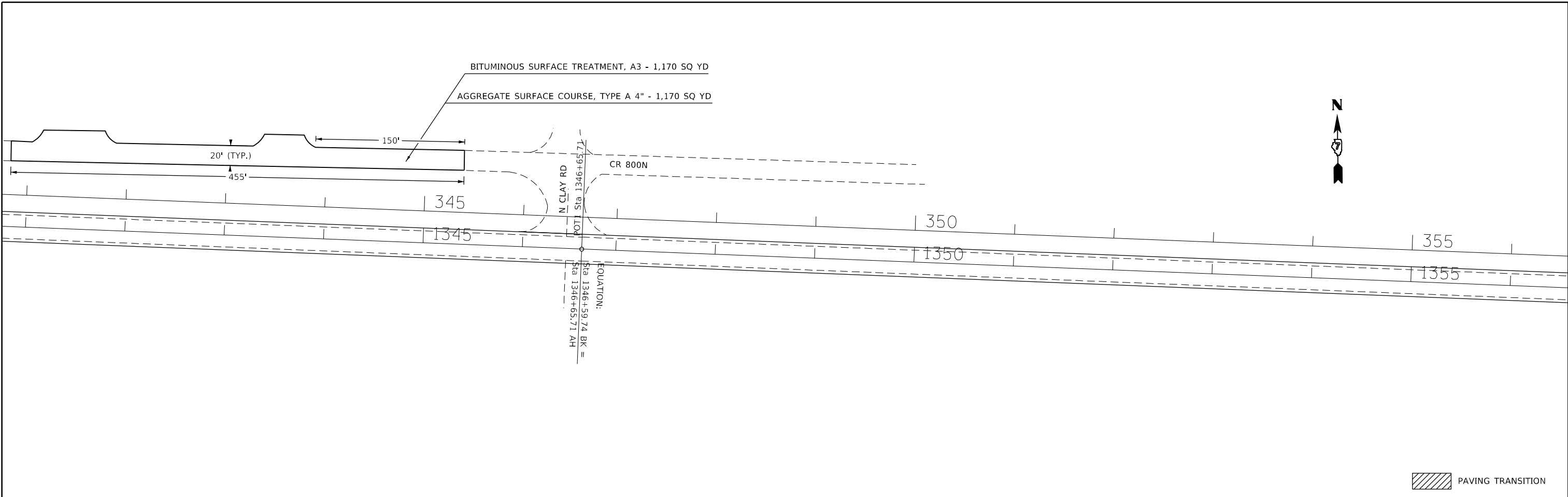
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	DRAWN -	REVISED -
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PLOT DATE = 3/30/2023	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

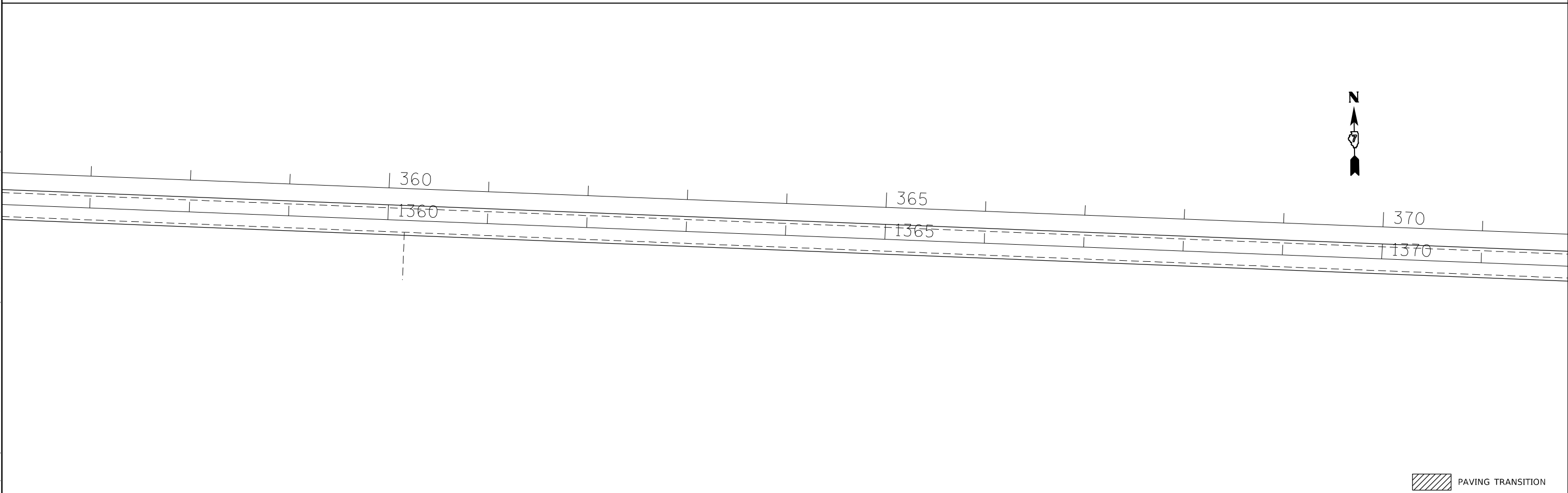
**PLAN SHEETS US 50**

SCALE: SHEET 11 OF 14 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
327	7RS-1	-	36	23
CONTRACT NO. 74977				



 PAVING TRANSITION



 PAVING TRANSITION

MODEL: Default  
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USER NAME = Jessica.Hille	DESIGNED -	REVISED -
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PLOT SCALE = 100,0000' / in.	CHECKED -	REVISED -
PLOT DATE = 3/30/2023	DATE -	REVISED -

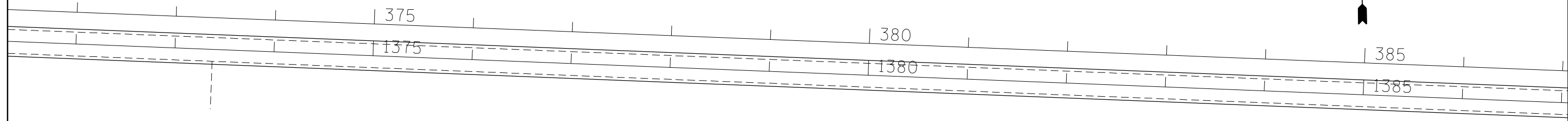
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**PLAN SHEETS US 50**

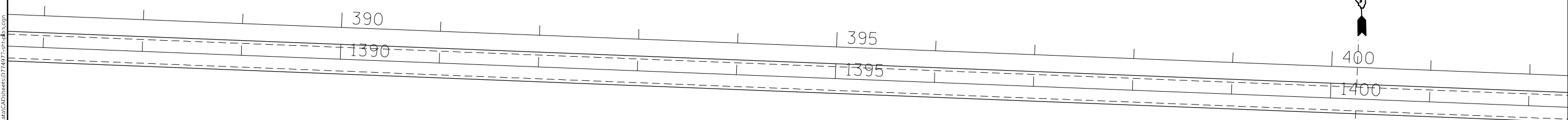
SCALE: SHEET 12 OF 14 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
327	7RS-1	-	36	24
CONTRACT NO. 74977				
ILLINOIS FED. AID PROJECT				





 PAVING TRANSITION



 PAVING TRANSITION

MODEL: Default  
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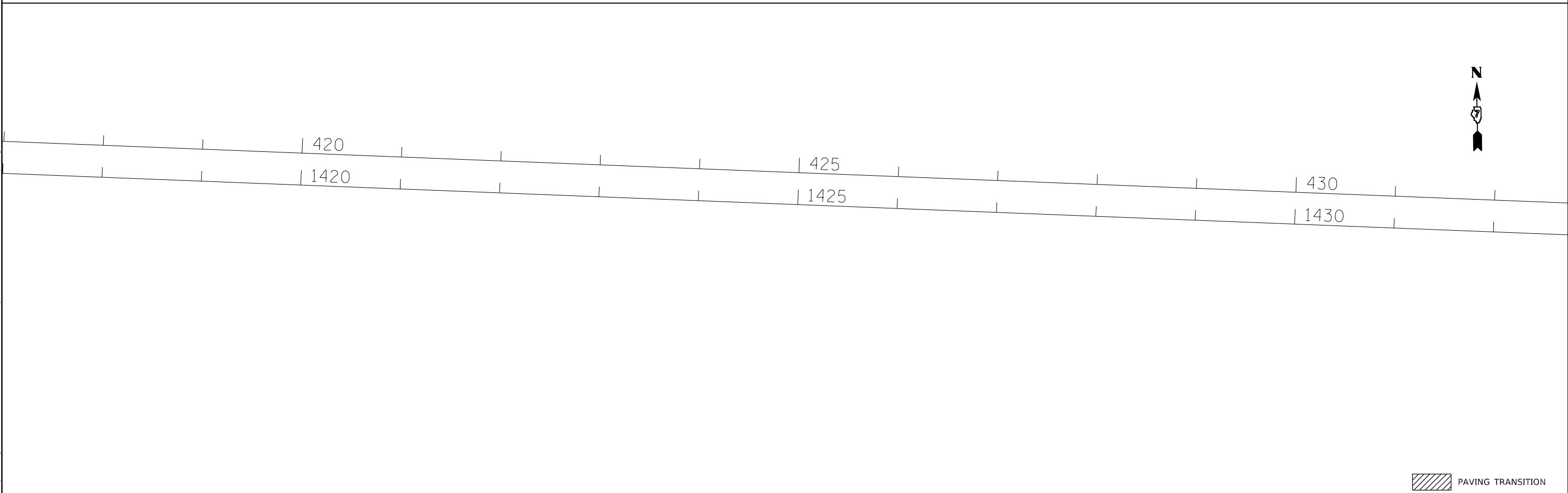
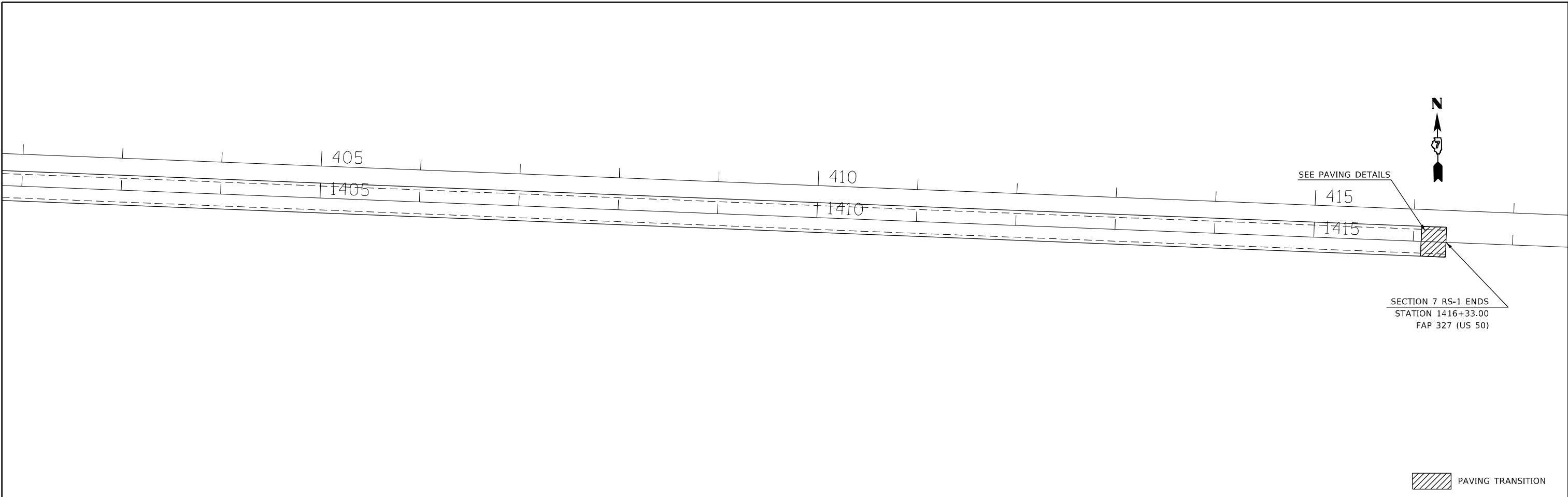
USER NAME = Jessica.Hille	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 100,0000' / in.	CHECKED -	REVISED -
PLOT DATE = 3/30/2023	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**PLAN SHEETS US 50**

SCALE: SHEET 13 OF 14 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
327	7RS-1	-	36	25
CONTRACT NO. 74977				
ILLINOIS FED. AID PROJECT				



MODEL: Default  
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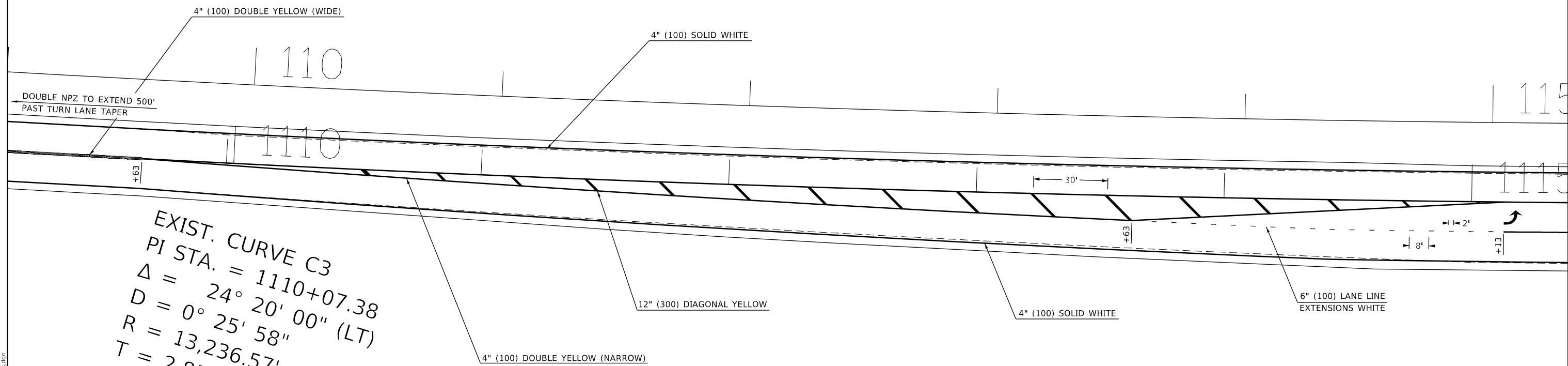
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	DRAWN -	REVISED -
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PLOT DATE = 3/30/2023	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**PLAN SHEETS US 50**

SCALE: SHEET 14 OF 14 SHEETS STA. TO STA.

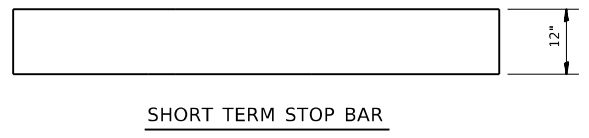
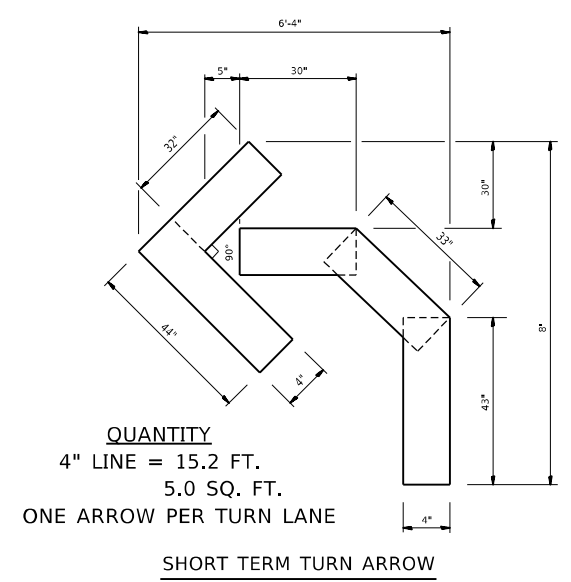
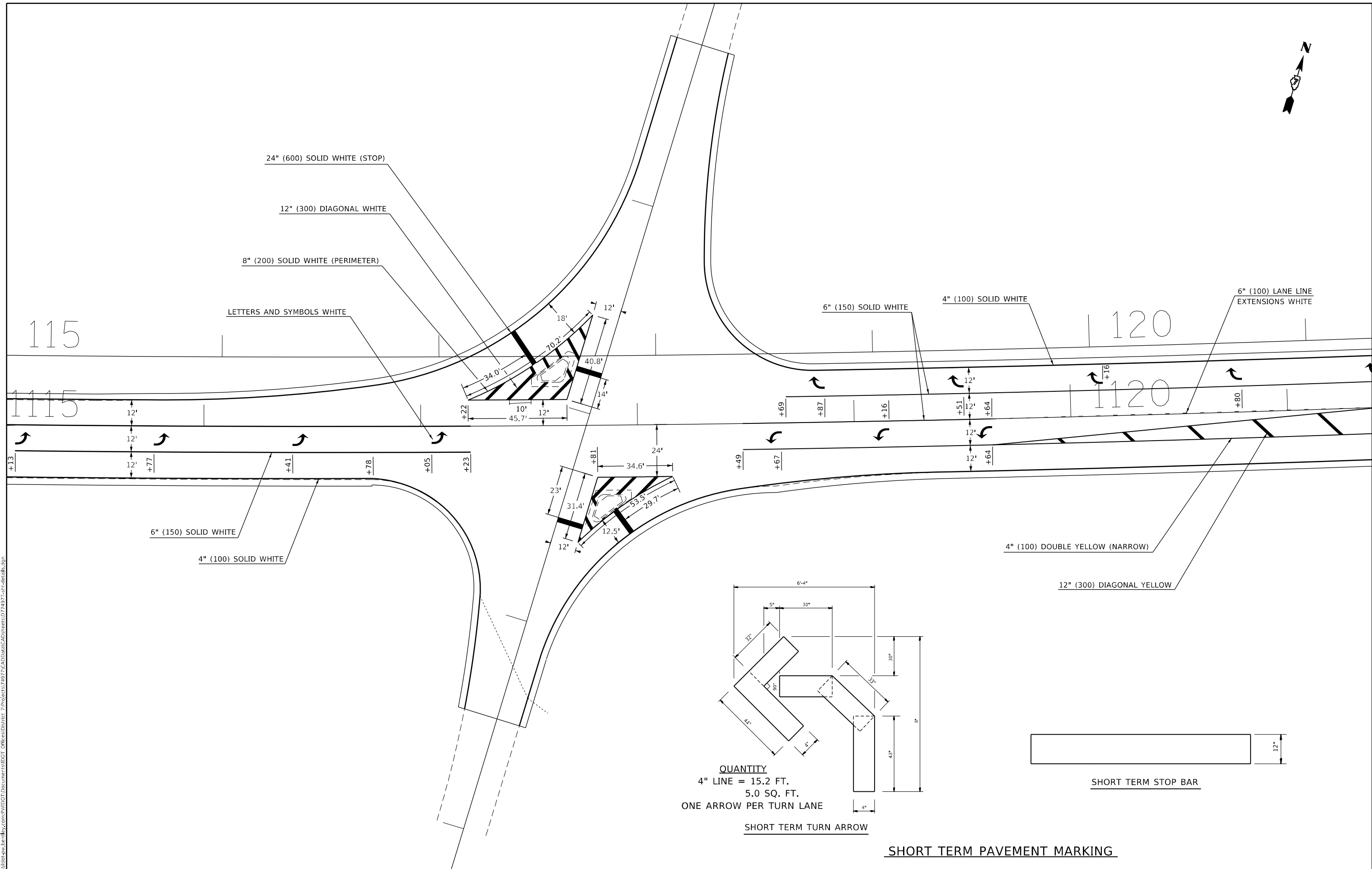
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
327	7RS-1	-	36	26
			CONTRACT NO. 74977	
ILLINOIS FED. AID PROJECT			CLAY, RICHLAND	



EXIST. CURVE C3  
 PI STA. = 1110+07.38  
 $\Delta = 24^\circ 20' 00''$  (LT)  
 $D = 0^\circ 25' 58''$   
 $R = 13,236.57'$   
 $T = 2,853.80'$   
 $L = 5,621.55'$   
 $E = 304.14'$   
 $e =$   
 $T.R. =$   
 $S.E. RUN =$   
 $P.C. STA. = 1081+53.58$   
 $P.T. STA. = 1137+75.13$

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USER NAME = Jessica.Hille PLOT SCALE = 40,0000 * / in. PLOT DATE = 4/13/2023	DESIGNED - DRAWN -	REVISED - REVISED -	<b>STATE OF ILLINOIS</b> <b>DEPARTMENT OF TRANSPORTATION</b>	<b>STRIPING DETAILS</b>		F.A.P. RTE. 327	SECTION 7RS-1	COUNTY -	TOTAL SHEETS 36	SHEET NO. 27
	CHECKED - DATE -	REVISED - REVISED -				SCALE: SHEET 1 OF 4 SHEETS STA. TO STA.		CONTRACT NO. 74977 ILLINOIS FED. AID PROJECT		



**SHORT TERM PAVEMENT MARKING**

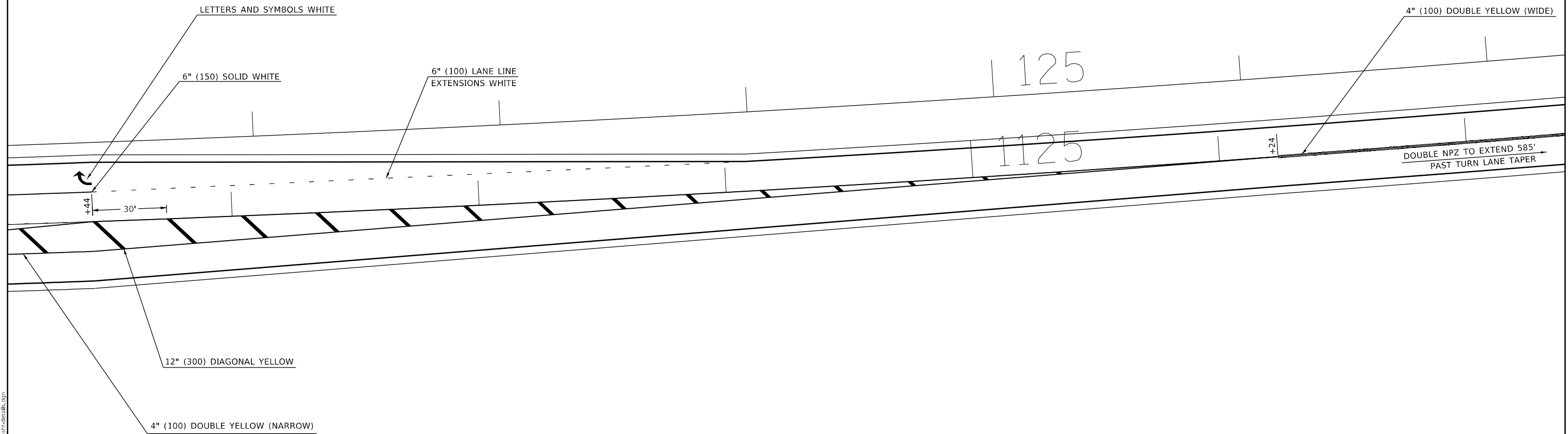
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	DRAWN -	REVISED -
PLOT SCALE = 40,0000 * / in.	CHECKED -	REVISED -
PLOT DATE = 4/13/2023	DATE -	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

STRIPING DETAILS	
SCALE:	SHEET 2 OF 4 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
327	7RS-1	-	36	28
CONTRACT NO. 74977				
ILLINOIS FED. AID PROJECT				



MODEL: Default  
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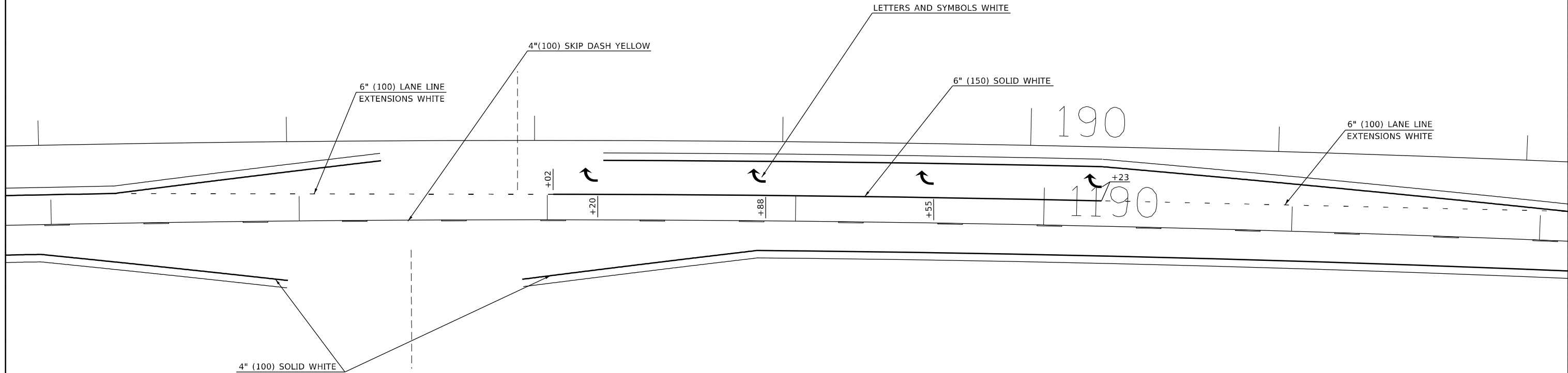
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	DRAWN -	REVISED -
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PLOT DATE = 4/13/2023	DATE -	REVISED -

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

**STRIPING DETAILS**

SCALE: SHEET 3 OF 4 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
327	7RS-1	-	36	29
CONTRACT NO. 74977			ILLINOIS FED. AID PROJECT	



MODEL: Default  
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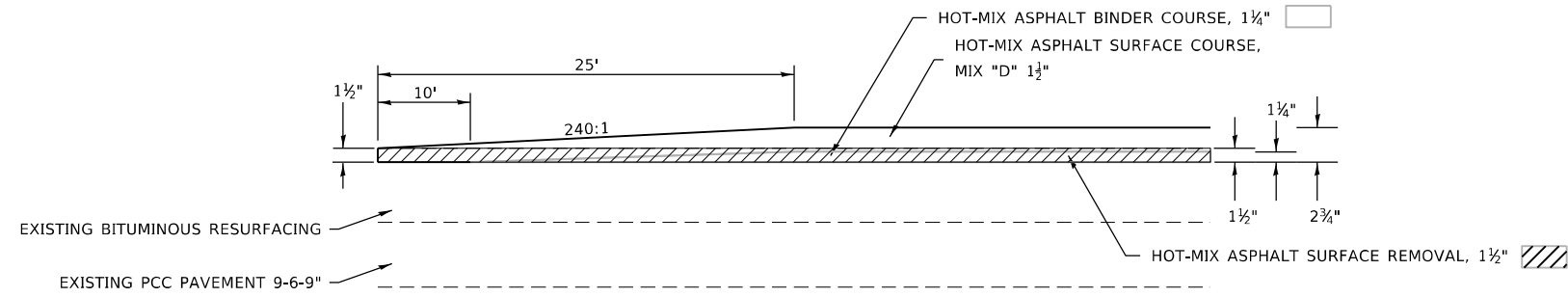
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	DRAWN -	REVISED -
PLOT SCALE = 40,0000 * / in.	CHECKED -	REVISED -
PLOT DATE = 4/13/2023	DATE -	REVISED -

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

**STRIPING DETAILS**

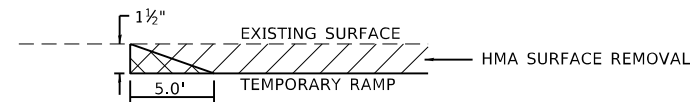
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
327	7RS-1	-	36	30
CONTRACT NO. 74977				
ILLINOIS FED. AID PROJECT				



**BUTT JOINT DETAIL**

- STA 1008+07.70 TO STA 1008+32.70
- STA 1225+40.82 TO STA 1225+65.82
- STA 1228+34.16 TO STA 1228+59.16
- STA 1288+95.74 TO STA 1289+20.74
- STA 1294+10.74 TO STA 1294+35.74
- STA 1320+41.74 TO STA 1320+66.74
- STA 1327+93.24 TO STA 1328+18.24
- STA 1416+08.00 TO STA 1416+33.00



**TEMPORARY RAMP**

- STA 1008+07 TO STA 1008+12
- STA 1225+61 TO STA 1225+66
- STA 1228+34 TO STA 1228+39
- STA 1289+16 TO STA 1289+21
- STA 1294+11 TO STA 1294+16
- STA 1320+62 TO STA 1320+67
- STA 1327+93 TO STA 1327+98
- STA 1416+28 TO STA 1416+33

NOT TO SCALE

MODEL: Default  
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USER NAME = Jessica.Hille	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 100,0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 4/13/2023	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

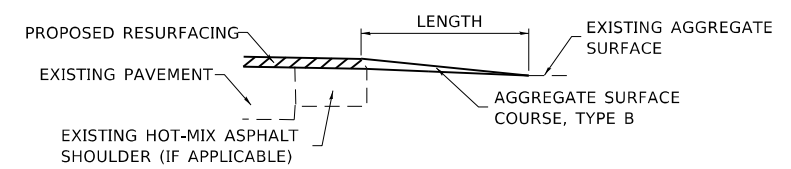
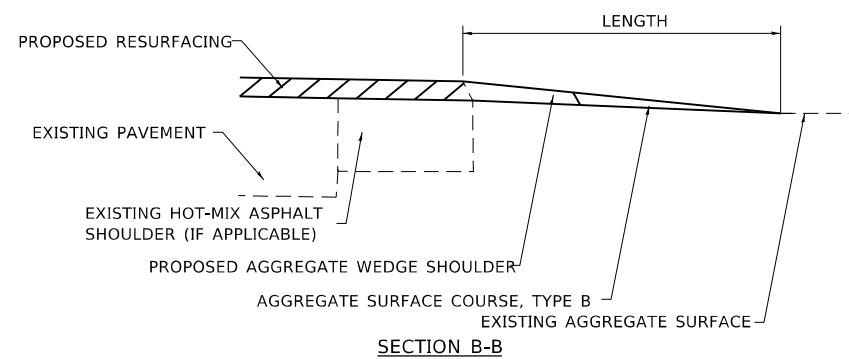
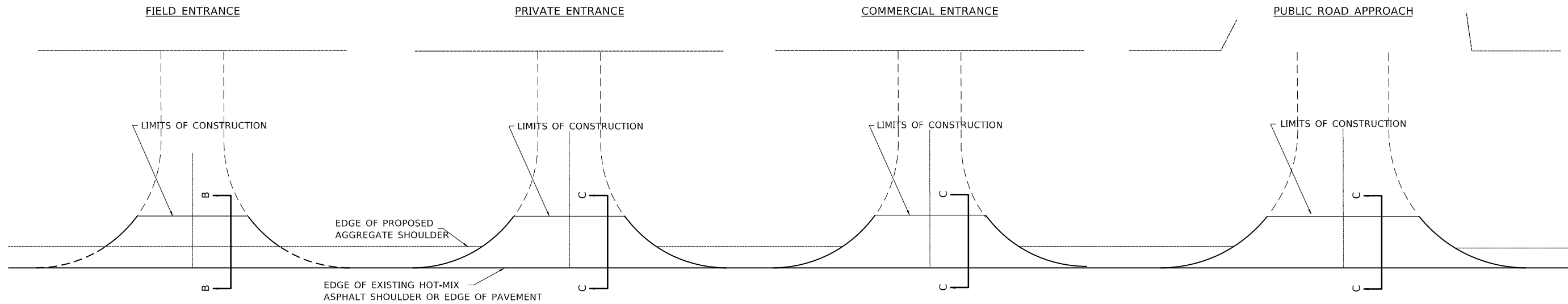
**DETAILS**

SCALE: SHEET OF SHEETS STA. TO STA.

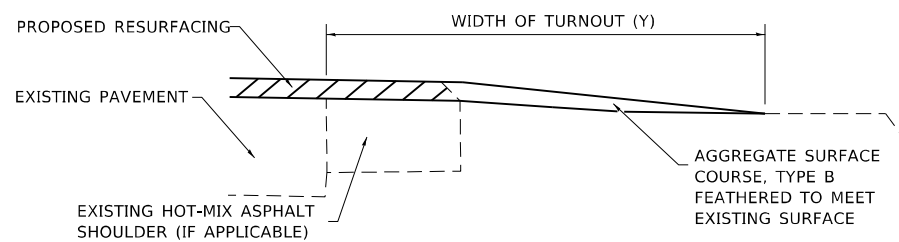
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
327	7 R5-1	•	36	31
CONTRACT NO. 74977				

ILLINOIS FED. AID PROJECT

CLAY, RICHLAND

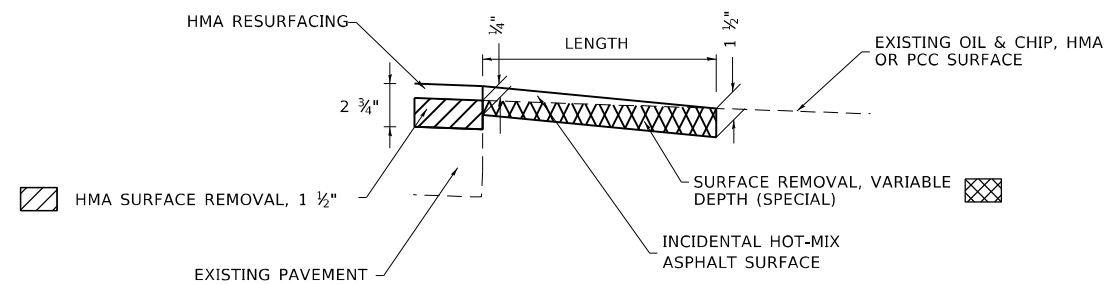


SECTION C-C



TYPICAL SECTION AT MAILBOX TURNOUT

NOTE: SEE STANDARD 406201 FOR MAILBOX TURNOUT DETAILS



SECTION C-C

NOTES

LENGTH = 10' UNLESS OTHERWISE NOTED ON PLANS

IF THERE IS NOT EXISTING HOT-MIX ASPHALT SHOULDER THEN THE ENTRANCE TAPER STARTS AT THE EDGE OF EXISTING PAVEMENT.

MODEL: Default  
 FILE: Mailbox Turnout.dwg  
 PROJECT: 74977-CD00Data\CD00Data\Drawings\DOT Office\Drawings\74977-CD00Data\Drawings\74977-CD00Data.dwg

USER NAME = Jessica.Hille	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 100,0000' / in.	CHECKED -	REVISED -
PLOT DATE = 3/30/2023	DATE -	REVISED -

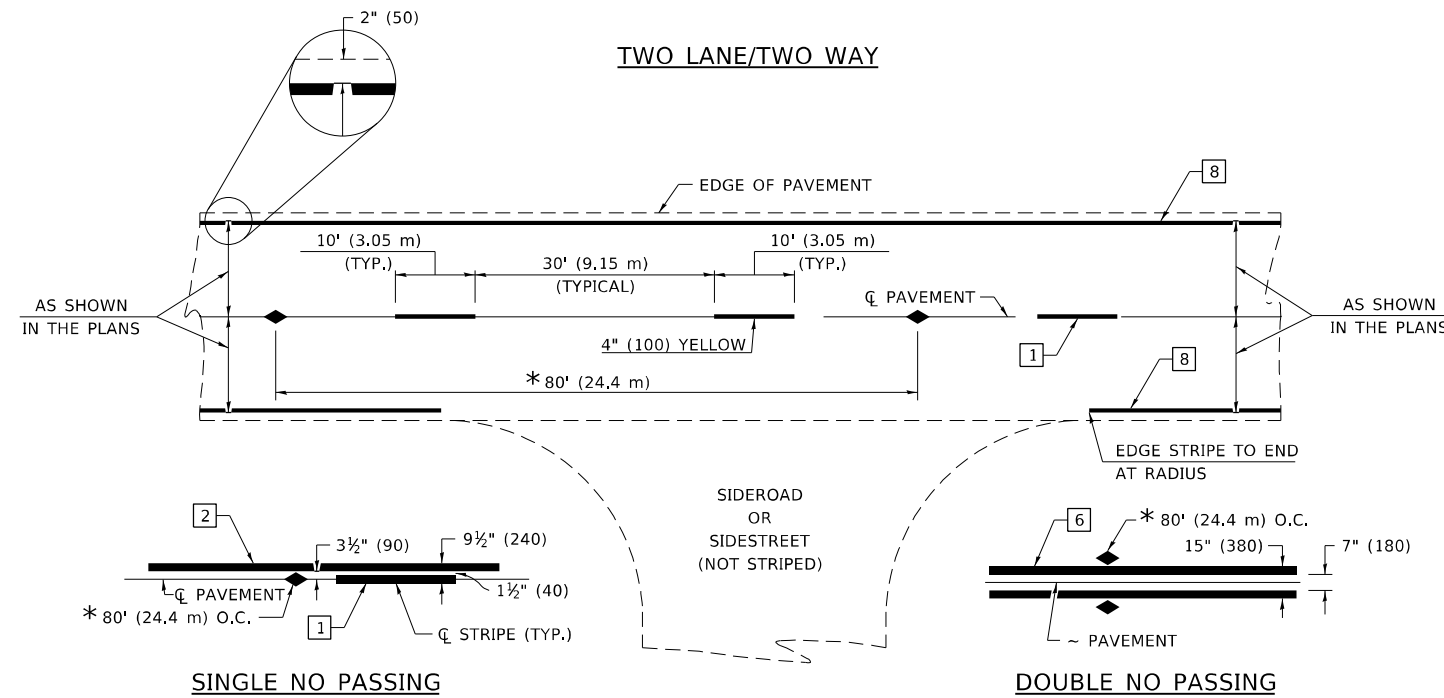
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

RURAL ENTRANCE AND MAILBOX TURNOUT DETAILS  
WITH SHOULDERS

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE. 327	SECTION 7 R5-1	COUNTY	TOTAL SHEETS 36	SHEET NO. 32
ILLINOIS FED. AID PROJECT			CONTRACT NO. 74977	

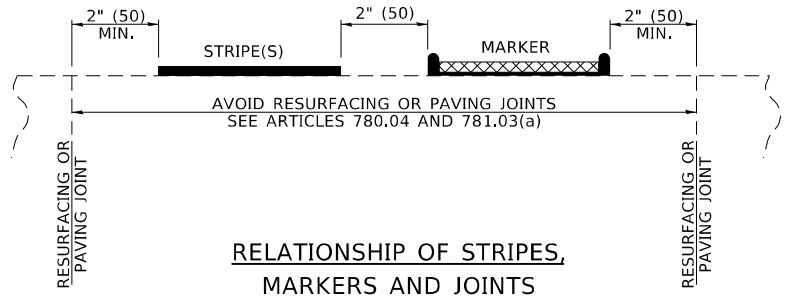




\* REDUCE TO 40' (12.2 m) O.C. ON CURVES WITH POSTED OR ADVISORY SPEEDS OF 45 mph (70 km/h) OR LESS.

**PAVEMENT MARKING LEGEND**

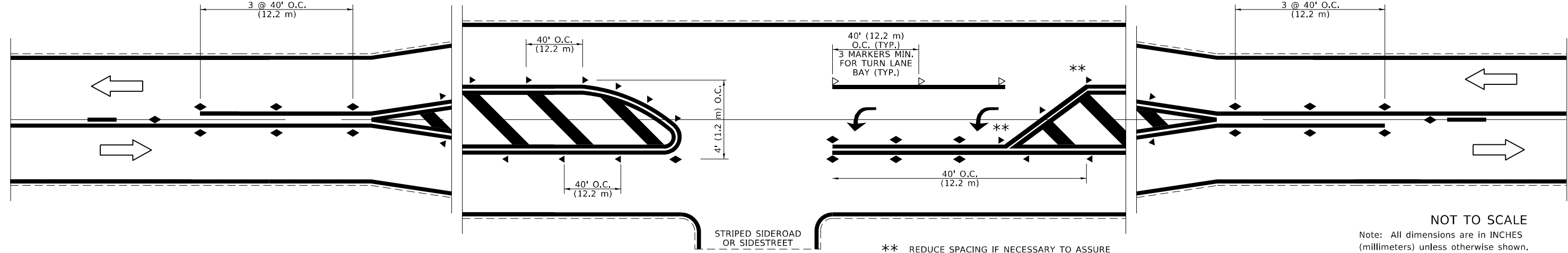
- 1 4" (100) SKIP-DASH (YELLOW)
  - 2 4" (100) SOLID (YELLOW)
  - 3 12" (300) DIAGONAL (YELLOW)
  - 4 4" (100) DOUBLE YELLOW (NARROW)
  - 5 12" (300) SOLID WHITE
  - 6 4" (100) DOUBLE YELLOW (WIDE)
  - 7 6" (150) SKIP-DASH (WHITE)
  - 8 4" (100) SOLID (WHITE)
  - 9 12" (300) DIAGONAL (WHITE)
  - 10 6" (150) SOLID (WHITE)
  - 11 24" (600) STOP BAR (WHITE)
  - 12 8" (200) SOLID (WHITE)
  - 13 4" (100) PARKING WHITE
- 



**TYPICAL PAVEMENT MARKERS LEGEND**

- ◆ TWO-WAY AMBER MARKER
- ▶ ONE-WAY AMBER MARKER
- ▷ ONE-WAY CRYSTAL MARKER

**RAISED REFLECTIVE PAVEMENT MARKERS**



NOT TO SCALE  
Note: All dimensions are in INCHES (millimeters) unless otherwise shown.

MODEL: Default  
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USER NAME = Jessica.Hille	DESIGNED -	REVISOR -
DRAWN -	REVISIONS -	
PLOT SCALE = 100,0000' / in.	CHECKED -	REVISIONS -
PLOT DATE = 3/30/2023	DATE -	REVISIONS -

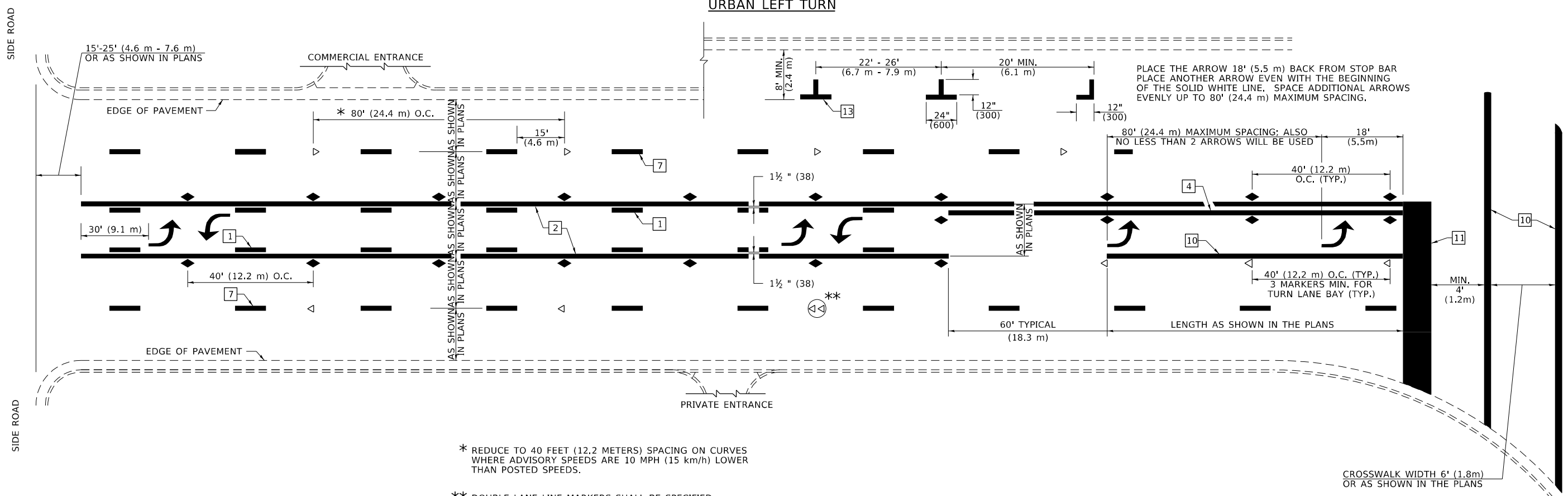
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**PAVEMENT MARKING AND RAISED REFLECTIVE PAVEMENT MARKERS  
(RURAL AND URBAN APPLICATIONS)**

SCALE: SHEET 1 OF 4 SHEETS STA. TO STA.

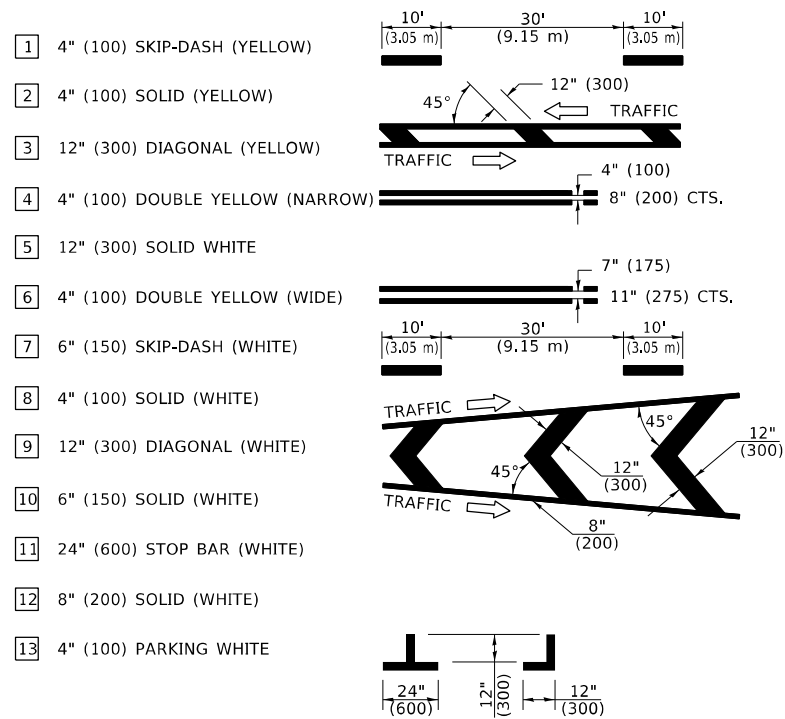
DISTRICT 7 DETAIL NO. 7800001				
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
327	7 RS-1		36	33
CONTRACT NO. 74977				
ILLINOIS FED. AID PROJECT				

**URBAN LEFT TURN**



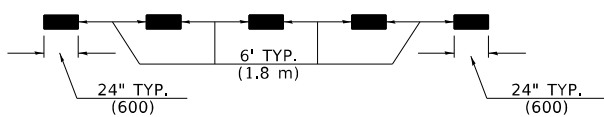
- \* REDUCE TO 40 FEET (12.2 METERS) SPACING ON CURVES WHERE ADVISORY SPEEDS ARE 10 MPH (15 km/h) LOWER THAN POSTED SPEEDS.
- \*\* DOUBLE LANE LINE MARKERS SHALL BE SPECIFIED AND SPACED AS SHOWN IN HIGHWAY STANDARD 781001 FOR MULTI-LANE DIVIDED AND UNDIVIDED HIGHWAYS.

**PAVEMENT MARKING LEGEND**

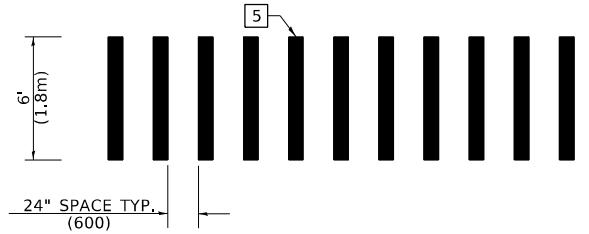


**GENERAL NOTES**

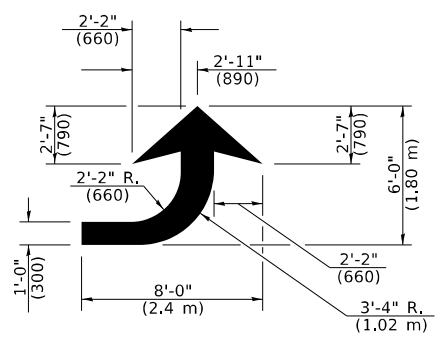
1. TURN ARROW PAIRS SHALL BE PLACED AT 250'(75 m) INTERVALS AND SHALL BE EVENLY SPACED BETWEEN BOTH ENDS OF THE BIDIRECTIONAL LEFT TURN LANE. USE A MINIMUM OF TWO PAIRS PER BLOCK.
2. THE SOLID YELLOW PAVEMENT MARKINGS [2] SHOULD GENERALLY START OR END NEAR THE RADIUS POINT OF EACH STREET RETURN EXCEPT WHERE ONE OR BOTH ENDS WOULD INCLUDE STOP BARS.
3. THE SKIP-DASH PAVEMENT MARKINGS [1] OR [7] SHOULD BE CENTERED BETWEEN BOTH ENDS OF EACH CITY BLOCK AND SHALL BE PLACED SO THEY LINE UP ACROSS FROM EACH OTHER.
4. USE LARGE ARROW SIZE FOR BOTH RURAL AND URBAN LOCATIONS. (SEE SECTION 780 FOR SYMBOLS TABLE)
5. LANE LINE EXTENSIONS SHALL BE THE SAME COLOR AND WIDTH AS THE LANE LINE BEING EXTENDED.
6. ALL WHITE SKIP-DASH LINES SHALL BE 6" IN WIDTH.



**LANE LINE EXTENSIONS**

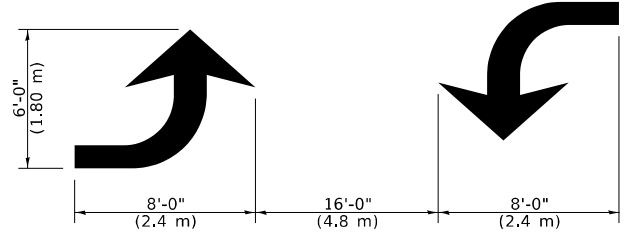


**CROSSWALK DETAIL  
(DECATUR CITY LIMITS ONLY)**



**LEFT ARROW**

REVERSE FOR RIGHT ARROW  
AREA = 15.6 SQ. FT. (1.47 m<sup>2</sup>)  
(WHITE)



**TYPICAL DOUBLE  
TURN ARROWS (WHITE)**

NOT TO SCALE

Note: All dimensions are in INCHES (millimeters) unless otherwise shown.

DISTRICT 7 DETAIL NO. 7800001

MODEL: Default; FILE: 30112.ctb; PLOT DATE: 3/30/2023; PROJECT: 74977; SHEET: 2 OF 4; USER: jessica.hille

USER NAME = Jessica.Hille	DESIGNED -	REVISED -
PLOT SCALE = 100,0000' / in.	DRAWN -	REVISED -
PLOT DATE = 3/30/2023	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**PAVEMENT MARKING AND RAISED REFLECTIVE PAVEMENT MARKERS  
(RURAL AND URBAN APPLICATIONS)**

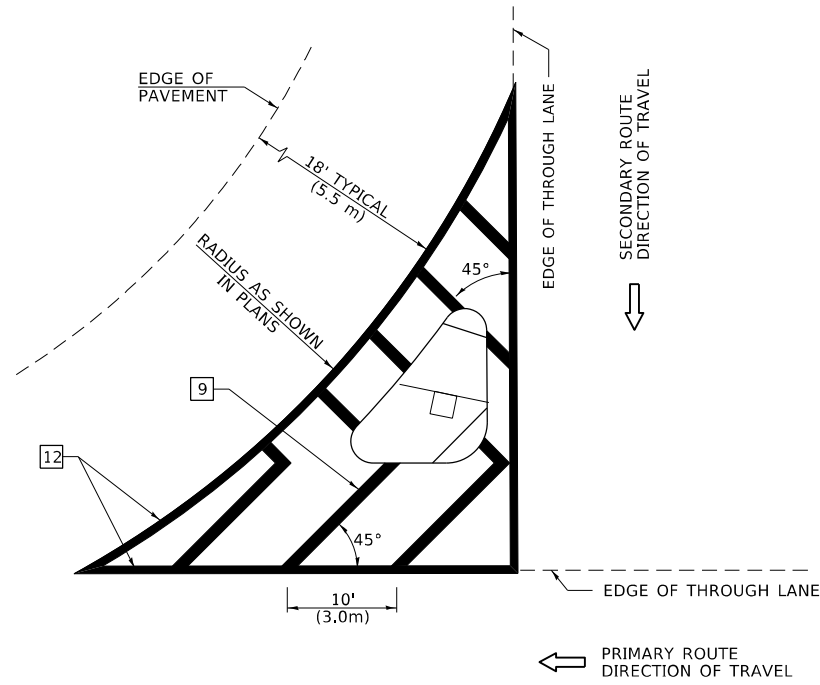
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
327	7 RS-1		36	34
CONTRACT NO. 74977				
ILLINOIS FED. AID PROJECT				

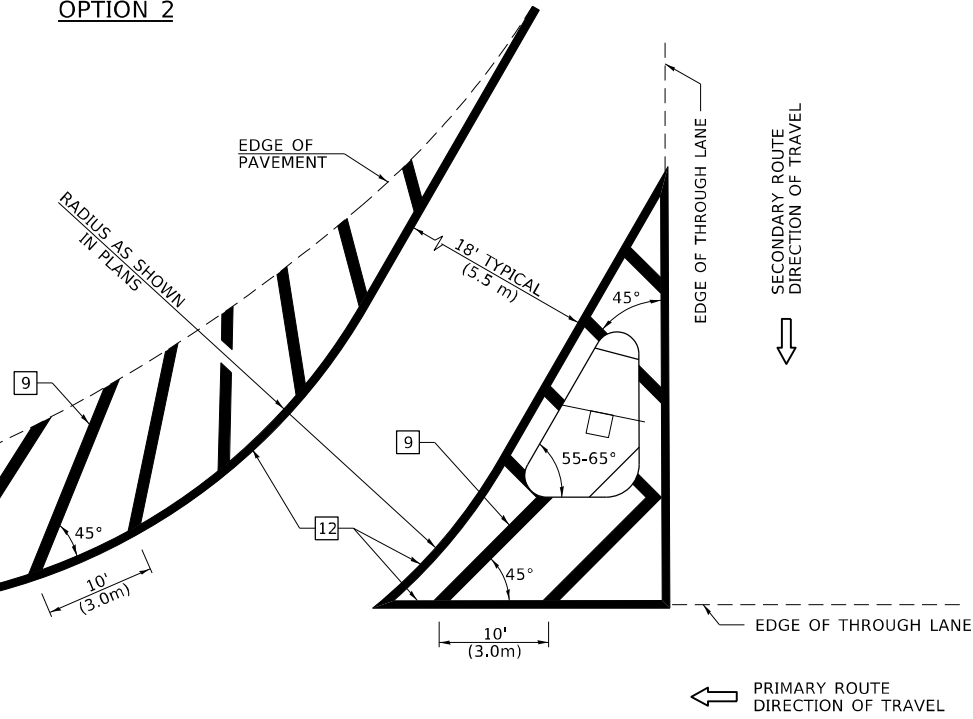
© CLAY, RICHLAND

**ISLANDS**

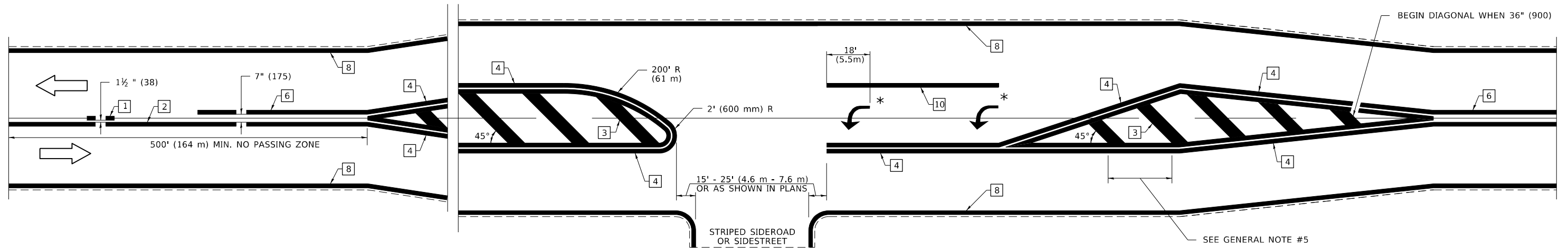
**OPTION 1**



**OPTION 2**



**RURAL LEFT TURN STRIPING**



\* PLACE AN ARROW 18' (5.5 m) BACK FROM END OF THE SOLID WHITE LINE. PLACE ANOTHER ARROW EVEN WITH THE BEGINNING OF THE SOLID WHITE LINE. SPACE ADDITIONAL ARROWS EVENLY UP TO 80' (24.4 m) MAXIMUM SPACING, USE MINIMUM OF 2 ARROWS.

**GENERAL NOTES**

1. RAISED AND CORRUGATED MEDIANS SHALL BE OUTLINED WITH 2.
2. SOME OF THE INFORMATION INCLUDED WITH THIS DETAIL MAY NOT BE APPLICABLE TO THIS IMPROVEMENT.
3. PAVEMENT MARKINGS ARE TO BE EXTENDED THROUGH OMISSIONS WHEN APPLICABLE.
4. FINAL PAVEMENT MARKINGS SHALL BE IN PLACE PRIOR TO PLACING ANY RAISED REFLECTIVE PAVEMENT MARKERS.
5. THE FOLLOWING CRITERIA SHALL BE USED FOR SELECTING THE DIAGONAL PAVEMENT MARKING SPACING:
 

<30 MPH (<50 km/h)	15' (4.5 m)
30-45 MPH (50-75 km/h)	20' (6.0 m)
>45 MPH (>75 km/h)	30' (9.0 m)
6. THE USE OF ISLAND STRIPING OPTION 1 OR OPTION 2 SHALL BE AS SHOWN ON THE PLANS.

**PAVEMENT MARKING LEGEND**

- |    |                                 |  |
|----|---------------------------------|--|
| 1  | 4" (100) SKIP-DASH (YELLOW)     |  |
| 2  | 4" (100) SOLID (YELLOW)         |  |
| 3  | 12" (300) DIAGONAL (YELLOW)     |  |
| 4  | 4" (100) DOUBLE YELLOW (NARROW) |  |
| 5  | 12" (300) SOLID WHITE           |  |
| 6  | 4" (100) DOUBLE YELLOW (WIDE)   |  |
| 7  | 6" (150) SKIP-DASH (WHITE)      |  |
| 8  | 4" (100) SOLID (WHITE)          |  |
| 9  | 12" (300) DIAGONAL (WHITE)      |  |
| 10 | 6" (150) SOLID (WHITE)          |  |
| 11 | 24" (600) STOP BAR (WHITE)      |  |
| 12 | 8" (200) SOLID (WHITE)          |  |
| 13 | 4" (100) PARKING WHITE          |  |

NOT TO SCALE

Note: All dimensions are in INCHES (millimeters) unless otherwise shown.

DISTRICT 7 DETAIL NO. 7800001

USER NAME = Jessica.Hille	DESIGNED -	REVISED -
PLOT SCALE = 100,0000' / in.	DRAWN -	REVISED -
PLOT DATE = 3/30/2023	CHECKED -	REVISED -
	DATE -	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKING AND RAISED REFLECTIVE PAVEMENT MARKERS  
(RURAL AND URBAN APPLICATIONS)

SCALE: SHEET 3 OF 4 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
327	7 RS-1		36	35
CONTRACT NO. 74977				

