

06-16-2023 LETTING ITEM 143

FOR INDEX OF SHEETS, SEE SHEET NO. 2  
D-97-033-17

STATION EQUATION  
500+00.00 = 0+00.00

ADT = 7,600 (2019)

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

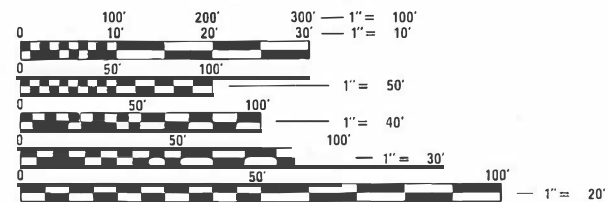
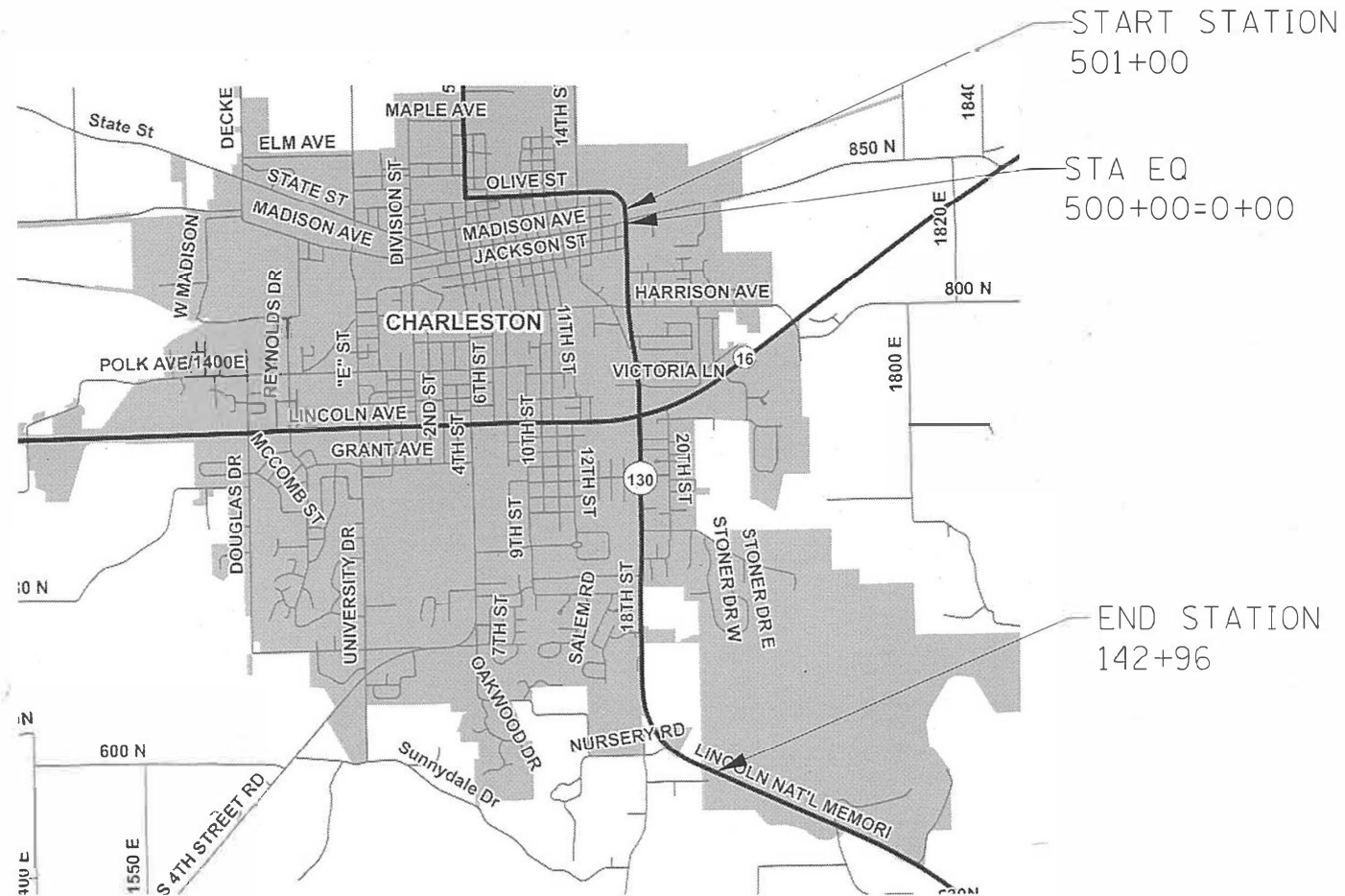
# PROPOSED HIGHWAY PLANS

FAP 820 / 116 (IL 130)  
SECTION 111 RS-7  
PROJECT STP-UGC1(949)  
STANDARD OVERLAY, ADA IMPROVEMENTS  
COLES COUNTY

C-97-066-17

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	111 RS-7	COLES	74	1
		ILLINOIS	CONTRACT NO. 74812	

\*FAP 820 & 116



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 MATT BOWER  
PROJECT MANAGER JACQUELYN SEALS

GROSS LENGTH = 14,414.4 FT. = 2.73 MILE  
NET LENGTH = 14,035.3 FT. = 2.66 MILE

CONTRACT NO. 74812

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

SUBMITTED March 31 2023  
Jeffrey P. Myrland REGIONAL ENGINEER  
May 12, 2023 [Signature]  
ENGINEER OF DESIGN AND ENVIRONMENT  
May 12, 2023 [Signature]  
DIRECTOR OF HIGHWAYS PROJECT IMPLEMENTATION

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OF THE STATE OF ILLINOIS

## GENERAL NOTES

THIS PROJECT IS LOCATED ON FAP ROUTE 820 & 116 (IL130) IN COLES COUNTY FROM MADISON AVE TO 1.8 MI SOUTH OF IL 16 IN CHARLESTON. THE WORK INCLUDED IN SECTION 111 RS-7 CONSISTS OF MILLING, HOT-MIX ASPHALT RESURFACING, PAVEMENT MARKING, ADA IMPROVEMENTS, SHOULDERS, PAVEMENT PATCHING, TRAFFIC CONTROL, AND ANY OTHER WORK NECESSARY TO COMPLETE THIS PROJECT.

LOCATIONS OF PAVEMENT PATCHING AND FINAL QUANTITIES SHALL BE DETERMINED BY THE ENGINEER IN THE FIELD.

WHEN APPLYING SHORT TERM PAVEMENT MARKINGS, TAPE SHALL BE USED ON THE SURFACE AND PAINT SHALL BE USED ON THE MILLED AND BINDER SURFACES.

GROOVING FOR LETTERS AND SYMBOLS SHALL BE IN THE SHAPE OF THE LETTER OR SYMBOL.

PREFORMED PLASTIC PAVEMENT MARKING, TYPE B TO BE USED ON CONCRETE SURFACE.

VIBRATORY ROLLERS IN DYNAMIC MODE WILL NOT BE PERMITTED WITHIN CITY LIMITS. DENSITY REQUIREMENTS MUST STILL BE MET.

## APPLICATION RATES

THE FOLLOWING APPLICATION RATES WERE USED IN CALCULATING PLAN QUANTITIES AND HAVE BEEN INCLUDED FOR REFERENCE:

AGGREGATE SURFACE COURSE AND SHOULDER	2.05 TON/CU YD
BITUMINOUS MATERIALS (TACK COAT)	0.05 LB/SQ FT (ON MILLED SURFACES)
	0.025 LB/SQ FT (ON HMA LIFTS)
HOT-MIX ASPHALT BINDERS AND SURFACES	112 LB/SQ YD/INCH

## MIXTURE REQUIREMENTS

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
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	QCP	1000
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	QCP	1000
MAINLINE	CLASS "D" PATCHING	PG 64-22	4.0% @ N=90	IL - 19.0	N/A	N90	QC/QA	3000
INCIDENTAL	INCIDENTAL HOT-MIX ASPHALT SURFACING	PG 64-22	4.0% @ N=70	IL - 9.5	MIXTURE C	N70	QC/QA	3000
SHOULDERS	HMA SURFACE COURSE, IL-9.5, MIX "C", N70 (TOP LIFT)	PG 64-22	4.0% @ N=70	IL -9.5	MIXTURE C	N70	QC/QA	3000
SHOULDERS	HMA BINDER COURSE, IL-9.5FG, N70 (BOTTOM LIFT)	PG 64-22	4.0% @ N=70	IL -9.5FG	N/A	N70	QC/QA	3000

## INDEX OF SHEETS

SHEET NO.	ITEM
1	COVER SHEET
2	GENERAL NOTES, INDEX OF SHEETS & LIST OF STANDARDS
3-6	SUMMARY OF QUANTITIES
7-10	SCHEDULE OF QUANTITIES
11-28	TYPICAL SECTIONS
29-38	PLAN SHEETS
39-51	ADA PLAN SHEETS
52-61	PAVEMENT MARKING DETAILS
62-66	PEDESTRIAN CROSSING
67	PLAN DETAILS
68-74	DISTRICT 7 DETAILS

THE FOLLOWING STANDARDS ARE A PART OF THESE PLANS AND ARE INCLUDED AFTER PLAN SHEETS:

### STANDARD NO. DESCRIPTION

000001-08	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
001001-02	AREAS OF REINFORCEMENT BARS
001006	DECIMAL OF AN INCH AND OF A FOOT
420001-10	PAVEMENT JOINTS
424001-11	PERPENDICULAR CURB RAMPS
424006-05	DIAGONAL CURB RAMPS
424011-04	CORNER PARALLEL CURB RAMPS
424016-05	MIDBLOCK CURB RAMPS
424021-06	DEPRESSED CORNER CURB RAMP
424026-03	ENTRANCE ALLEY PED CROSSING
424031-02	MEDIAN PED CROSSING
442101-09	CLASS B PATCHES
442201-03	CLASS C & D PATCHES
606001-08	CONCRETE CURB TYPE B & COMB CURB AND GUTTER
667101-02	PERMANENT SURVEY MARKERS
701001-02	OFF-ROAD OPERATIONS, 2L, 2W, MORE THAN 15' AWAY
701006-05	OFF-ROAD OPERATIONS, 2L, 2W, 15' TO 24' FROM PAVEMENT EDGE
701011-04	OFF-ROAD MOVING OPERATIONS, 2L, 2W, DAY ONLY
701201-05	LANE CLOSURE, 2L, 2W - DAY ONLY
701311-03	LANE CLOSURE, 2L, 2W, MOVING OPERATIONS - DAY ONLY
701427-05	LANE CLOSURE, MULTILANE, INTERMITTANT OR MOVING LESS THAN OR EQUAL TO 40 MPH
701501-06	URBAN LANE CLOSURE, 2L, 2W, UNDIVIDED
701502-09	URBAN LANE CLOSURE, 2L, 2W, WITH BIDIRECTIONAL LEFT TURN LANE
701701-10	URBAN LANE CLOSURE MULTILANE INTERSECTION
701801-06	SIDEWALK, CORNER, OR CROSSWALK CLOSURE
701901-08	TRAFFIC CONTROL DEVICES
720001-01	SIGN PANEL MOUNTING DETAILS
780001-05	TYPICAL PAVEMENT MARKINGS
781001-04	TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS
876001-04	PEDESTRIAN PUSH BUTTON POST
886001-01	DETECTOR LOOP INSTALLATIONS
886006-01	TYPICAL LAYOUTS FOR DETECTION LOOPS
420701-03	PAVEMENT WELDED WIRE REINFORCEMENT
720006-04	SIGN PANEL ERECTION DETAILS

REV. - MS

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USER NAME = Jessica.Hille	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>GENERAL NOTES, INDEX OF SHEETS MIXTURE REQUIREMENTS &amp; APPLICATION RATES</b>		F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
PLOT SCALE = 100.0000' / in.	DRAWN -	REVISED -		SCALE:	SHEET OF SHEETS	STA. TO STA.	*	111 RS-7	COLES	74	2
PLOT DATE = 3/31/2023	CHECKED -	REVISED -						CONTRACT NO. 74812			
	DATE -	REVISED -						ILLINOIS		FED. AID PROJECT	





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SUMMARY OF QUANTITIES			URBAN			
CODE NO	ITEM	UNIT	TOTAL QUANTITIES	CONSTRUCTION TYPE CODE		
				0005 80% FED/ 20% CITY	0021 80% FED/ 20% CITY	0021 80% FED/ 20% CITY
* 78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	459	459		
* 78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	121	121		
* 78003101	PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - STANDARD - LETTERS AND SYMBOLS	SO FT	31.2	31.2		
* 78003111	PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - STANDARD - LINE 4"	FOOT	401	401		
* 78003131	PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - STANDARD - LINE 6"	FOOT	179	179		
* 78003181	PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - STANDARD - LINE 24"	FOOT	32	32		
* 78011000	GROOVING FOR RECESSED PAVEMENT MARKING, LETTERS AND SYMBOLS	SO FT	2262	2262		
* 78011025	GROOVING FOR RECESSED PAVEMENT MARKING 5"	FOOT	40247	40247		
* 78011035	GROOVING FOR RECESSED PAVEMENT MARKING 7"	FOOT	1550	1550		
* 78011045	GROOVING FOR RECESSED PAVEMENT MARKING 9"	FOOT	200	200		
* 78011065	GROOVING FOR RECESSED PAVEMENT MARKING 13"	FOOT	459	459		
* 78011125	GROOVING FOR RECESSED PAVEMENT MARKING 25"	FOOT	153	153		

\* SPECIALTY ITEM

SUMMARY OF QUANTITIES			URBAN			
CODE NO	ITEM	UNIT	TOTAL QUANTITIES	CONSTRUCTION TYPE CODE		
				0005 80% FED/ 20% CITY	0021 80% FED/ 20% CITY	0021 80% FED/ 20% CITY
* 78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	687	687		
78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	687	687		
* 81028340	UNDERGROUND CONDUIT, PVC, 1 1/2" DIA.	FOOT	49			49
* 81100500	CONDUIT ATTACHED TO STRUCTURE, 1 1/2" DIA., GALVANIZED STEEL	FOOT	24			24
* 87301225	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 30	FOOT	111			111
* 87301805	ELECTRIC CABLE IN CONDUIT, SERVICE, NO. 6 2 C	FOOT	33			33
* 87301900	ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C	FOOT	111			111
* 87601100	PEDESTRIAN PUSH-BUTTON POST, GALVANIZED STEEL, TYPE I	EACH	2			2
* 88600100	DETECTOR LOOP, TYPE I	FOOT	685	685		
89502375	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1			1
X0326440	SURFACE REMOVAL, VARIABLE DEPTH (SPECIAL)	SO YD	431.1	431.1		
X1400145	RADAR SPEED SIGN	EACH	2			2

\* SPECIALTY ITEM

REV. - MS

USER NAME = Jessica.Hille	DESIGNED -	REVISED -
DRAWN -	REVISED -	
PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -
PLOT DATE = 3/31/2023	DATE -	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	111 RS-7	COLES	74	5
CONTRACT NO. 74812				
ILLINOIS FED. AID PROJECT				



PAVEMENT SCHEDULE						44000155 HMA SURFACE REMOVAL, 1 1/2"	44000159 HMA SURFACE REMOVAL, 2 1/2"	44000160 HMA SURFACE REMOVAL, 2 3/4"	BINDER THICKNESS	40603219 POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-9.5FG, N90	SURFACE THICKNESS	40604164 POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, IL- 9.5, MIX "D", N90	48203008 HOT-MIX ASPHALT SHOULDERS, 2 3/4"	40600290 BITUMINOUS MATERIAL (TACK COAT)	40600370 LONGITUDINAL JOINT SEALANT
STATION	STATION	LENGHT FT	Roadway Width FT	Exterior Shoulder FT	Roadway Area SQFT	SQ YD	SQ YD	SQ YD	INCH	TON	INCH	TON	SQ YD	POUND	FOOT
500+19.26	500+00.00	19.3	110.6-93.7		354.3			39.4	1.25	2.8	1.5	3.3		26.6	38.5
STA EQ 500+00.00 = 0+00.00															
0+00.00	1+47.60	147.6	93.7-38.0		830.6			92.3	1.25	6.5	1.5	7.8		62.3	295.2
1+47.60	6+68.00	520.4	37.8		19,645.1			2,182.8	1.25	152.8	1.5	183.4		1,473.4	1,040.8
6+68.00	7+96.00	128.0	BRIDGE OMISSION												
7+96.00	15+00.00	704.0	37.7		26,505.6			2,945.1	1.25	206.2	1.5	247.4		1,987.9	1,408.0
15+00.00	35+00.00	2,000.0	37.3		74,600.0			8,288.9	1.25	580.2	1.5	696.3		5,595.0	4,000.0
35+00.00	40+00.00	500.0	37.4-39.1		18,750.1			2,083.3	1.25	145.8	1.5	175.0		1,406.3	1,000.0
40+00.00	43+00.00	300.0	39.1-43.5		12,255.1			1,361.7	1.25	95.3	1.5	114.4		919.1	600.0
43+00.00	45+98.00	298.0	43.5-183.3		1,653.7			183.7	1.25	12.9	1.5	15.4		124.0	596.0
45+98.00	47+50.00	152.0	INTERSECTION OMISSION												
47+50.00	48+19.34	69.3	184-42.1		3,405.1		378.3		1.25	26.5	1.5	31.8		255.4	138.7
48+19.34	50+00.00	180.7	42.1-41.4		7,581.5		842.4		1.25	59.0	1.5	70.8		568.6	361.3
50+00.00	55+00.00	500.0	41.4-38.2		19,648.8		2,183.2		1.25	152.8	1.5	183.4		1,473.7	1,000.0
55+00.00	70+00.00	1,500.0	38.5		57,750.0		6,416.7		1.25	449.2	1.5	539.0		4,331.3	3,000.0
70+00.00	105+00.00	3,500.0	37.8		132,300.0		14,700.0		1.25	1,029.0	1.5	1,234.8		9,922.5	7,000.0
105+00.00	107+13.00	213.0	37.8		8,051.4		894.6		1.25	62.6	1.5	75.1		603.9	426.0
107+13.00	107+33.00	20.0	37.8	6.0	756.0		84.0		1.25	5.9	1.5	7.1	26.7	56.7	40.0
107+33.00	110+00.00	267.0	37.8-34.0	6.0	8,874.8		986.1		1.25	69.0	1.5	82.8	356.0	665.6	534.0
110+00.00	130+00.00	2,000.0	34.2	6.0	68,798.2		7,644.2		1.25	535.1	1.5	642.1	2,666.7	5,159.9	4,000.0
130+00.00	133+97.62	397.6	34.8	6-8.3	10,749.2		1,194.4		1.25	83.6	1.5	100.3	896.9	806.2	795.2
133+97.62	136+58.50	260.9	34.9-24.3	8.3-10.0	9,460.4		1,051.2		1.25	73.6	1.5	88.3	771.0	709.5	313.3
136+58.50	142+96.00	637.5	24.3	10.0	15,542.0		1,726.9		1.25	120.9	1.5	145.1	1,416.7	1,165.7	637.5
TOTAL QUANTITY		14,315.3				12,686.7	25,415.2	17,177.2		3,869.5		4,643.4	6,133.9	37,313.4	27,224.5

SIDEWALK SCHEDULE							
STREET	QUAD	44000500 COMBINATION CURB AND GUTTER REMOVAL FOOT	44000600 SIDEWALK REMOVAL SQ FT	60605000 COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24 FOOT	42400300 PORTLAND CEMENT CONCRETE SIDEWALK 6 INCH SQ FT	42400800 DETECTABLE WARNINGS SQ FT	60260100 INLETS TO BE ADJUSTED EACH
<b>MADISON</b>							
	NORTHWEST	44.5	89.2	44.5	98.8	10.0	
	NORTHEAST	32.5	93.6	32.5	106.3	11.2	
	SOUTHEAST	16.0	126.5	16.0	126.8	10.0	
	SOUTHWEST	0.0	0.0	0.0	0.0	0.0	
<b>MONROF</b>							
	NORTHWEST	0.0	0.0	0.0	0.0	0.0	
	NORTHEAST	0.0	0.0	0.0	0.0	0.0	
	SOUTHEAST	9.0	97.2	9.0	126.0	10.0	1.0
	SOUTHWEST	9.0	86.2	9.0	94.7	10.0	
<b>HARRISON</b>							
	NORTHWEST	18.9	111.5	18.9	149.2	18.6	
	NORTHEAST	16.8	51.4	16.8	58.6	8.0	1.0
	SOUTHEAST	0.0	0.0	0.0	0.0	0.0	
	SOUTHWEST	0.0	0.0	0.0	0.0	0.0	
<b>MIDBLOCK CROSSING</b>							
	WEST	15.2	155.6	15.2	147.7	10.0	
	EAST	12.8	144.3	12.8	160.7	10.0	
TOTAL		174.8	955.5	174.8	1068.7	97.8	2.0

SURVEY MARKERS						
PT. NO.	NORTHING	EASTING	DESCRIPTION	STATION	OFFSET	PROTECT OR RESET
P.O.T.	1030899.33	1032147.8	MAG NAIL	0+00.00	0.0'	TYPE I - DISK FLUSH
P.C.	1028901.23	1032161.1	ALUM DISK	19+98.64	0.0'	TYPE I - DISK FLUSH
P.I.	1028430.57	1032164.3	MAG NAIL	24+69.21	17.89' RT.	TYPE I - DISK FLUSH
P.T.	1027966.01	1032238.6	ALUM DISK	29+37.97	0.0'	TYPE I - DISK FLUSH
P.C.	1027727.55	1032276.8	ALUM STEM	31+79.47	0.0'	TYPE I - DISK FLUSH
P.T.	1026632.98	1032360.8	MAG NAIL	42+78.50	0.0'	TYPE I - DISK FLUSH
P.C.	1025399.11	1032354.2	ALUM STEM	55+12.39	0.0'	TYPE I - DISK FLUSH
P.I.	1025317.77	1032353.8	ALUM DISK	55+93.72	0.57' LT.	TYPE I - DISK FLUSH
P.R.C.	1025236.48	1032351.1	ALUM DISK	56+75.05	0.0'	TYPE I - DISK FLUSH
P.I.	1025155.04	1032348.4	R.R. SPIKE	57+56.53	0.59' RT.	TYPE I - DISK FLUSH
P.T.	1025073.56	1032348.0	MAG NAIL	58+38.00	0.0'	TYPE I - DISK FLUSH
P.C.	1024896.38	1032347.3	ALUM STEM	60+14.69	0.0'	TYPE I - DISK FLUSH
P.I.	1024819.77	1032347.0	ALUM STEM	60+91.80	0.03' RT.	TYPE I - DISK FLUSH
P.T.	1024742.56	1032346.8	ALUM DISK	61+68.90	0.0'	TYPE I - DISK FLUSH
P.C.	1023116.11	1032343.3	MAG NAIL	77+95.46	0.0'	TYPE I - DISK FLUSH
P.I.	1022800.51	1032342.6	ALUM DISK	81+10.96	4.78' LT.	TYPE I - DISK FLUSH
P.T.	1022485.72	1032322.8	ALUM DISK	84+26.27	0.0'	TYPE I - DISK FLUSH
P.C.	1022219.41	1032306.1	MAG NAIL	86+93.11	0.0'	TYPE I - DISK FLUSH
P.I.	1022014.97	1032293.2	ALUM DISK	88+97.96	3.18' RT.	TYPE I - DISK FLUSH
P.T.	1021810.12	1032293.1	MAG NAIL	91+02.68	0.0'	TYPE I - DISK FLUSH
Sta Eq.	1021680.29	1032293.0	MAG NAIL	92+32.50 (BK)	0.0'	TYPE I - DISK FLUSH
P.C.	1019786.20	1032291.9	ALUM DISK	111+25.75	0.0'	TYPE I - DISK FLUSH
P.T.	1018045.58	1033412.3	MAG NAIL	133+13.23	0.0'	TYPE I - DISK FLUSH
1000 - Section Corner	1026154.79	1032340.8	ALUM DISK IN ALUM VAULT	47+56.78	17.51' RT.	DISK IN VAULT

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USER NAME = Jessica.Hille	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 100,0000' / in.	CHECKED -	REVISED -
PLOT DATE = 3/31/2023	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**SCHEDULES OF QUANTITIES**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	111 RS-7	COLES	74	7
CONTRACT NO. 74812				
ILLINOIS FED. AID PROJECT				

### PAVEMENT PATCHING SCHEDULE

#	LANE	STA	LENGTH	WIDTH	CLASS B PATCHES, TYPE II, 14 INCH FT	CLASS B PATCHES, TYPE III, 14 INCH FT	CLASS B PATCHES, TYPE IV, 14 INCH FT	DOWEL BARS 1 1/2" FT	SAW CUTS FT	WELDED WIRE REINFORCEMENT SQ FT	CLASS D PATCHES, TYPE II, 14 INCH FT	CLASS D PATCHES, TYPE III, 14 INCH FT	COMMENTS
1	SB	1+46	4.0	13.0	5.8			24	48.5				
2	NB	1+50	13.0	6.0	8.7			10	45.5				
3	SB	1+73	4.0	13.0	5.8			24	48.5				
4	SB	1+87	4.0	13.0	5.8			24	48.5				
5	NB	5+16	5.0	13.0	7.2			24	50.5				
6	SB	6+17	4.0	13.0	5.8			24	48.5				
7	NB	6+70	6.0	13.0	8.7			24	52.5				
8	SB	6+70	6.0	13.0	8.7			24	52.5				
9	CTL	6+70	6.0	12.0	8.0			20	49.5				Center Turn Lane
10	NB	7+98	5.0	13.0	7.2			24	50.5				
11	SB	7+98	5.0	13.0	7.2			24	50.5				
12	CTL	7+98	5.0	12.0	6.7			20	47.5				Center Turn Lane
13	SB	8+13	4.0	13.0	5.8			24	48.5				
14	NB	8+18	6.0	13.0	8.7			24	52.5				
15	NB	8+55	6.0	13.0	8.7			24	52.5				
16	SB	8+58	4.0	13.0	5.8			24	48.5				
17	SB	10+25	4.0	13.0	5.8			24	48.5				
18	SB	11+20	4.0	13.0	5.8			24	48.5				
19	NB	13+14	5.0	13.0	7.2			24	50.5				
20	SB	15+25	4.0	13.0	5.8			24	48.5				
21	SB	15+57	4.0	13.0	5.8			24	48.5				
22	NB	17+16	5.0	13.0	7.2			24	50.5				
23	SB	21+17	4.0	13.0	5.8			24	48.5				
24	NB	21+17	4.0	13.0	5.8			24	48.5				
25	CTL	21+17	4.0	13.0	5.8			24	48.5				Center Turn Lane
26	SB	23+40	4.0	13.0	5.8			24	48.5				
27	SB	24+46	4.0	13.0	5.8			24	48.5				
28	SB	25+75	4.0	13.0	5.8			24	48.5				
29	SB	27+41	6.0	13.0	8.7			24	52.5				
30	NB	27+41	4.0	13.0	5.8			24	48.5				
31	CTL	27+41	4.0	13.0	5.8			24	48.5				Center Turn Lane
32	SB	34+10	4.0	13.0	5.8			24	48.5				
33	NB	34+90	4.0	13.0	5.8			24	48.5				
34	NB	36+16	4.0	13.0	5.8			24	48.5				
35	SB	36+16	4.0	13.0	5.8			24	48.5				
36	SB	37+15	4.0	13.0	5.8			24	48.5				
37	SB	38+40	4.0	13.0	5.8			24	48.5				
38	SB	39+10	4.0	13.0	5.8			24	48.5				
39	NB	39+45	4.0	13.0	5.8			24	48.5				
40	SB	40+20	6.0	13.0	8.7			24	52.5				
41	NB	40+62	4.0	13.0	5.8			24	48.5				
42	NB	41+20	6.0	13.0	8.7			24	52.5				
43	NB	41+67	8.0	13.0	11.6			24	56.5				
44	SB	41+75	8.0	13.0	11.6			24	56.5				
45	NB	42+08	8.0	13.0	11.6			24	56.5				
46	SB	42+13	6.0	13.0	8.7			24	52.5				
47	SB	42+69	8.0	13.0	11.6			24	56.5				
48	NB	42+69	8.0	13.0	11.6			24	56.5				
49	SB	42+84	4.0	13.0	5.8			24	48.5				
50	NB	43+09	6.0	13.0	8.7			24	52.5				
51	SB	43+12	10.0	13.5		15.0		24	62	15.0			
52	SB	43+30	6.0	14.0	9.3			24	55.5				
53	NB	43+38	5.0	13.0	7.2			24	50.5				
54	NB	43+65	10.0	13.0	14.4			24	60.5				
55	SB	43+65	7.0	9.0	7.0			14	42.5				
56	NB	43+92	8.0	25.0		22.2		28	92.5	22.2			Includes Turn Lanes for IL 16
57	SB	44+66	7.0	18.0	14.0			28	69.5				
58	NB	44+66	13.0	18.0			26.0	28	81.5	26.0			
59	SB	45+00	10.0	35.0			38.9	28	126.5	38.9			Includes Turn Lanes for IL 16
60	NB	45+50	5.0	12.0	6.7			20	47.5				
61	NB	45+70	12.0	23.0			30.7	28	94.5	30.7			Includes Turn Lanes for IL 16
62	SB	45+70	8.0	23.0		20.4		28	86.5	20.4			Includes Turn Lanes for IL 16
63	NB	47+57	12.0	16.0		21.3		28	73.5	21.3			
64	SB	47+62	10.0	22.0		24.4		28	87.5	24.4			Includes Turn Lanes for IL 16
65	NB	47+95	9.0	25.0			25.0	28	94.5	25.0			Includes Turn Lanes for IL 16
66	SB	47+95	9.0	15.0		15.0		28	64.5	15.0			
67	SB	48+20	10.0	14.0		15.6		24	63.5	15.6			
68	SB	48+61	9.0	16.0		16.0		28	67.5	16.0			
69	NB	48+61	12.0	25.0			33.3	28	100.5	33.3			Includes Turn Lanes for IL 16
70	NB	49+00	6.0	18.0	12.0			28	67.5				
71	SB	49+12	8.0	15.0	13.3			28	62.5				
72	NB	49+39	6.0	18.0	12.0			28	67.5				
73	NB	49+64	6.0	15.0	10.0			28	58.5				
74	SB	49+64	10.0	15.0		16.7		28	66.5	16.7			
75	SB	49+90	7.0	15.0	11.7			28	60.5				
76	NB	50+10	5.0	15.0	8.3			28	56.5				
77	NB	50+64	6.0	15.0	10.0			28	58.5				

### PAVEMENT PATCHING SCHEDULE CONT.

#	LANE	STA	LENGTH	WIDTH	CLASS B PATCHES, TYPE II, 14 INCH FT	CLASS B PATCHES, TYPE III, 14 INCH FT	CLASS B PATCHES, TYPE IV, 14 INCH FT	DOWEL BARS 1 1/2" FT	SAW CUTS FT	WELDED WIRE REINFORCEMENT SQ FT	CLASS D PATCHES, TYPE II, 14 INCH FT	CLASS D PATCHES, TYPE III, 14 INCH FT	COMMENTS
78	SB	50+64	6.0	15.0	10.0			28	58.5				
79	NB	5115	5	15	8.3			28	56.5				
80	SB	51+15	6.0	15.0	10.0			28	58.5				
81	NB	51+46	7.0	13.5	10.5			24	56				
82	SB	51+46	7.0	15.0	11.7			28	60.5				
83	CTL	51+46	7.0	12.0	9.3			20	51.5				Center Turn Lane
84	NB	51+63	4.0	14.0	6.2			24	51.5				
85	SB	51+63	4.0	15.0	6.7			28	54.5				
86	NB	52+30	5.0	14.0	7.8			24	53.5				
87	SB	52+30	5.0	15.0	8.3			28	56.5				
88	CTL	52+30	5.0	12.0	6.7			20	47.5				Center Turn Lane
89	SB	52+40	4.0	15.0	6.7			28	54.5				
90	SB	52+87	4.0	15.0	6.7			28	54.5				
91	NB	52+87	4.0	15.0	6.7			28	54.5				
92	NB	53+10	4.0	15.0	6.7			28	54.5				
93	SB	53+10	4.0	15.0	6.7			28	54.5				
94	SB	54+70	4.0	15.0	6.7			28	54.5				
95	SB	55+34	12.0	15.0		20.0		28	70.5	20.0			
96	NB	55+61	4.0	15.0	6.7			28	54.5				
97	SB	55+77	5.0	15.0	8.3			28	56.5				
98	SB	56+66	4.0	15.0	6.7			28	54.5				
99	NB	56+80	6.0	15.0	10.0			28	58.5				
100	NB	57+82	6.0	15.0	10.0			28	58.5				
101	NB	58+27	4.0	15.0	6.7			28	54.5				
102	NB	59+76	5.0	15.0	8.3			28	56.5				
103	NB	60+42	4.0	15.0	6.7			28	54.5				
104	NB	61+41	6.0	15.0	10.0			28	58.5				
105	SB	62+69	4.0	15.0	6.7			28	54.5				
106	NB	63+12	4.0	15.0	6.7			28	54.5				
107	NB	63+67	4.0	15.0	6.7			28	54.5				
108	SB	64+12	4.0	15.0	6.7			28	54.5				
109	NB	65+03	5.0	15.0	8.3			28	56.5				
110	NB	65+28	6.0	15.0	10.0			28	58.5				
111	NB	65+82	5.0	15.0	8.3			28	56.5				
112	NB	66+64	4.0	15.0	6.7			28	54.5				
113	NB	67+04	4.0	15.0	6.7			28	54.5				
114	NB	67+61	12.0	15.0		20.0		28	70.5	20.0			
115	NB	69+62	5.0	15.0	8.3			28	56.5				
116	CTL	69+77	4.0	12.0	5.3			20	45.5				Center Turn Lane
117	SB	70+50	5.0	15.0	8.3			28	56.5				
118	NB	71+19	5.0	15.0	8.3			28	56.5				
119	SB	72+20	6.0	15.0	10.0			28	58.5				
120	SB	72+70	5.0	15.0	8.3			28	56.5				
121	NB	73+03	4.0	15.0	6.7			28	54.5				
122	SB	75+70	4.0	15.0	6.7			28	54.5				
123	SB	79+17	6.0	15.0	10.0			28	58.5				
124	SB	96+80	6.0	13.0	8.7			24	52.5				
125	NB	98+02	4.0	13.0	5								



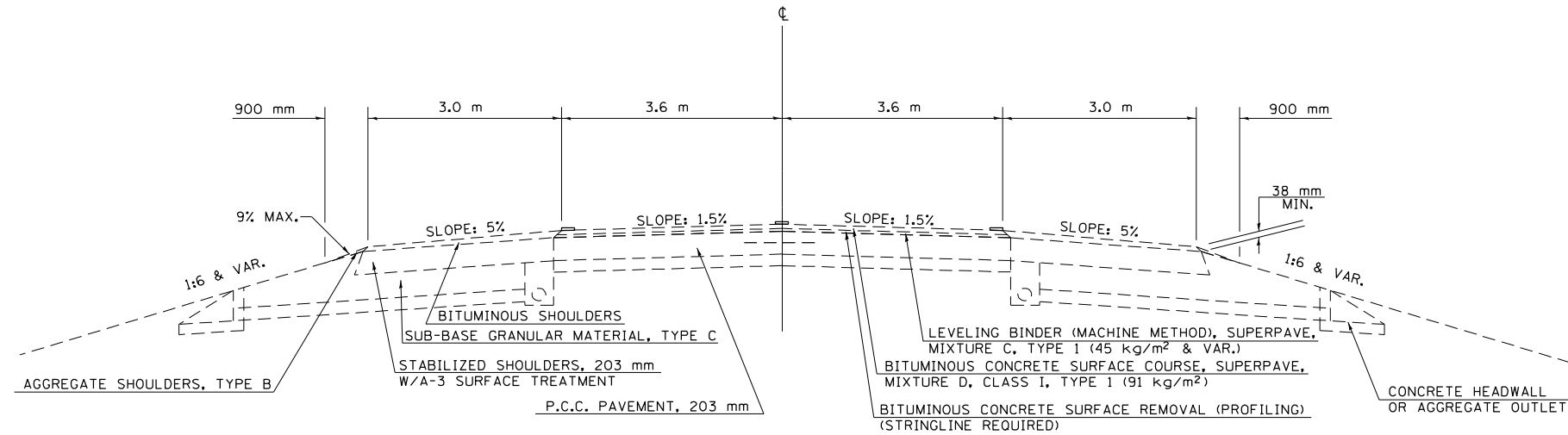




# EXISTING TYPICAL CROSS SECTION

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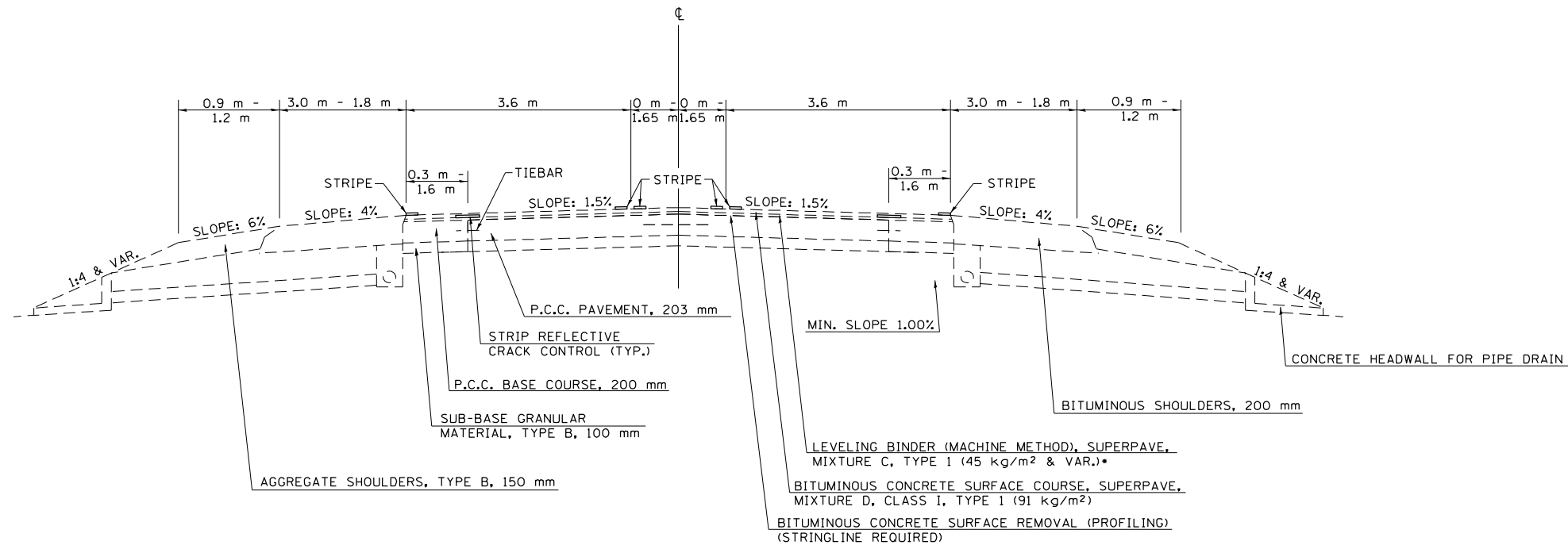
STA. 10 + 857.9 TO STA. 11 + 100.0 (M)  
STA. 142 + 96.0 TO STA. 135 + 01.8



# EXISTING TYPICAL CROSS SECTION

2

STA. 11 + 100.0 TO STA. 11 + 873.8 (M)  
STA. 135 + 01.8 TO STA. 109 + 63.4



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PLOT DATE = 3/31/2023	DATE -	REVISED -

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DEPARTMENT OF TRANSPORTATION

EXISTING TYPICAL CROSS SECTIONS

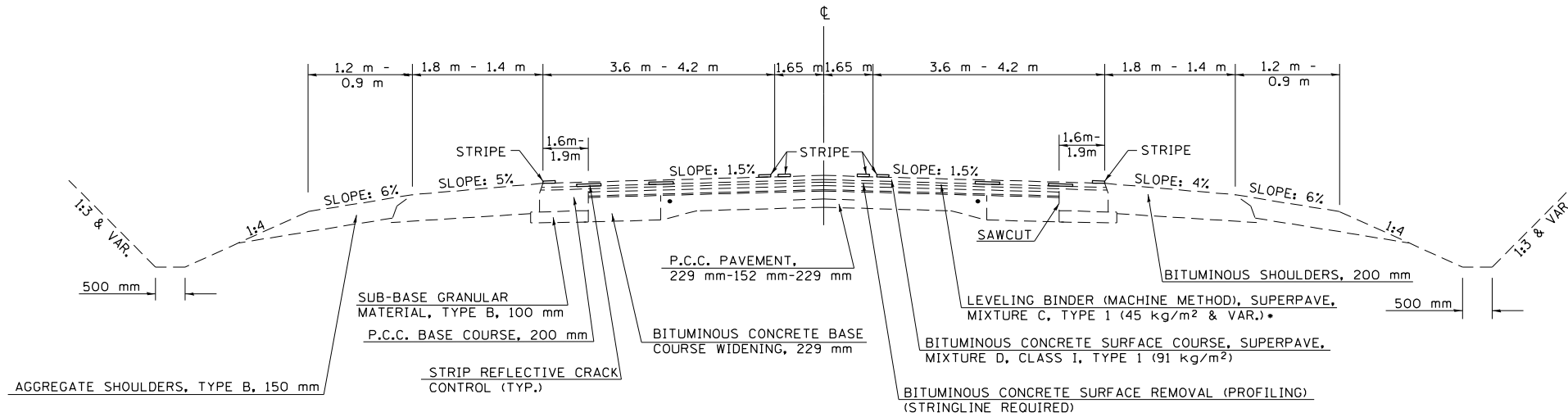
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F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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CONTRACT NO. 74812				
ILLINOIS FED. AID PROJECT				

# EXISTING TYPICAL CROSS SECTION

3

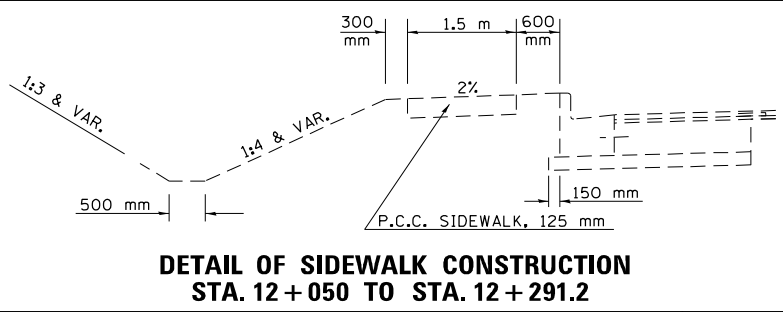
STA. 11 + 873.8 TO STA. 11 + 950.0 (M)  
STA. 109 + 63.4 TO STA. 107 + 13.5



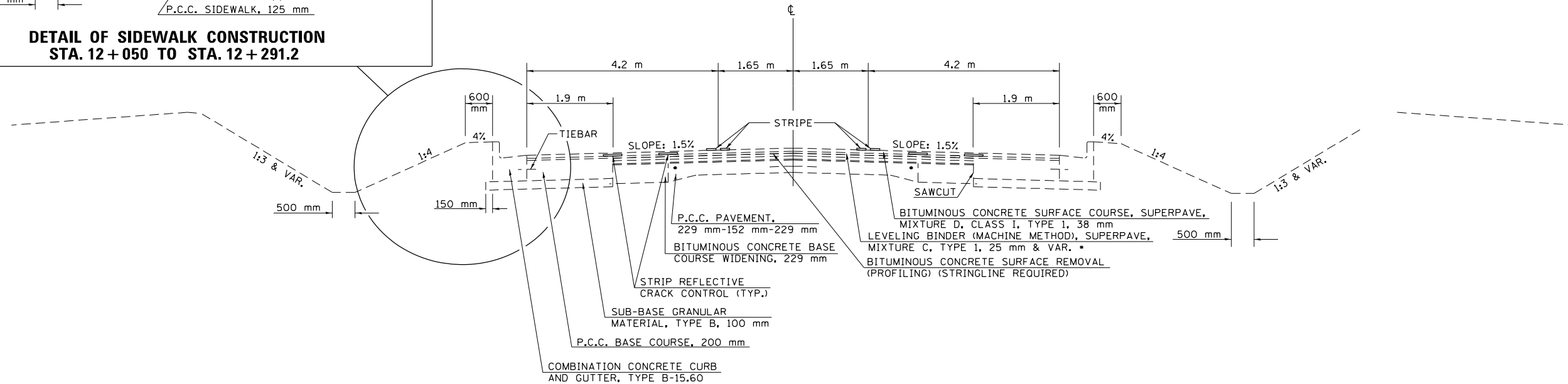
# EXISTING TYPICAL CROSS SECTION

4

STA. 11 + 950.0 TO STA. 12 + 291.2 (M)  
STA. 107 + 13.5 TO 95 + 95.2



DETAIL OF SIDEWALK CONSTRUCTION  
STA. 12 + 050 TO STA. 12 + 291.2



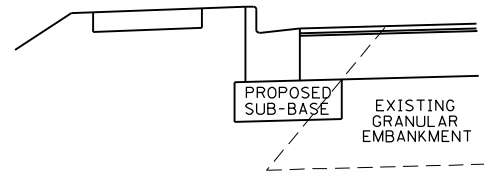
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PLOT DATE = 3/31/2023	DATE -	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

EXISTING TYPICAL CROSS SECTIONS			
SCALE:	SHEET	OF SHEETS	STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	111 RS-7	COLES	74	12
CONTRACT NO. 74812				
ILLINOIS FED. AID PROJECT				

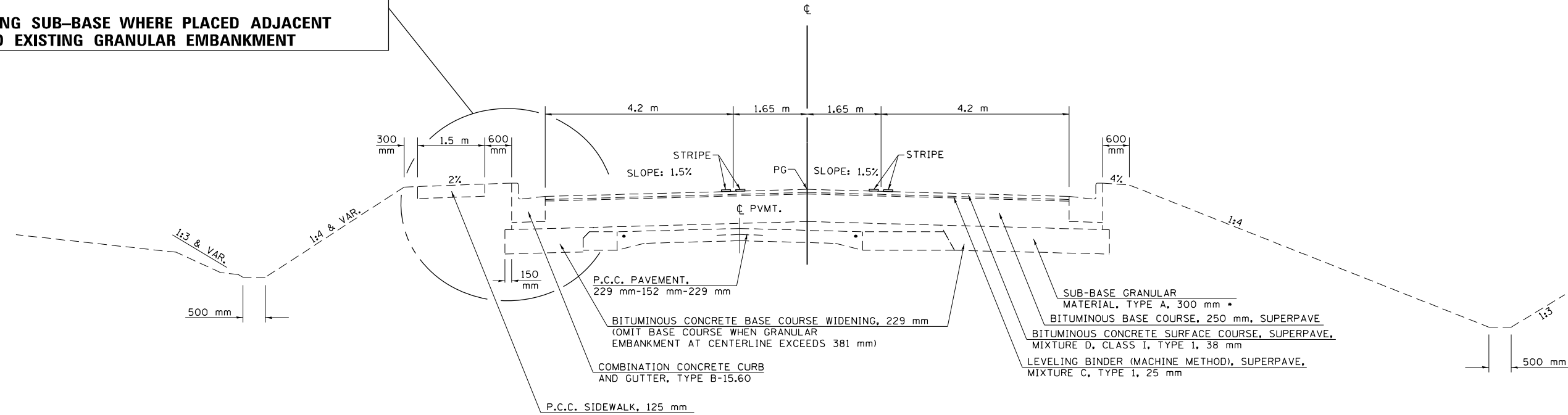


SHOWING SUB-BASE WHERE PLACED ADJACENT TO EXISTING GRANULAR EMBANKMENT

### EXISTING TYPICAL CROSS SECTION

5

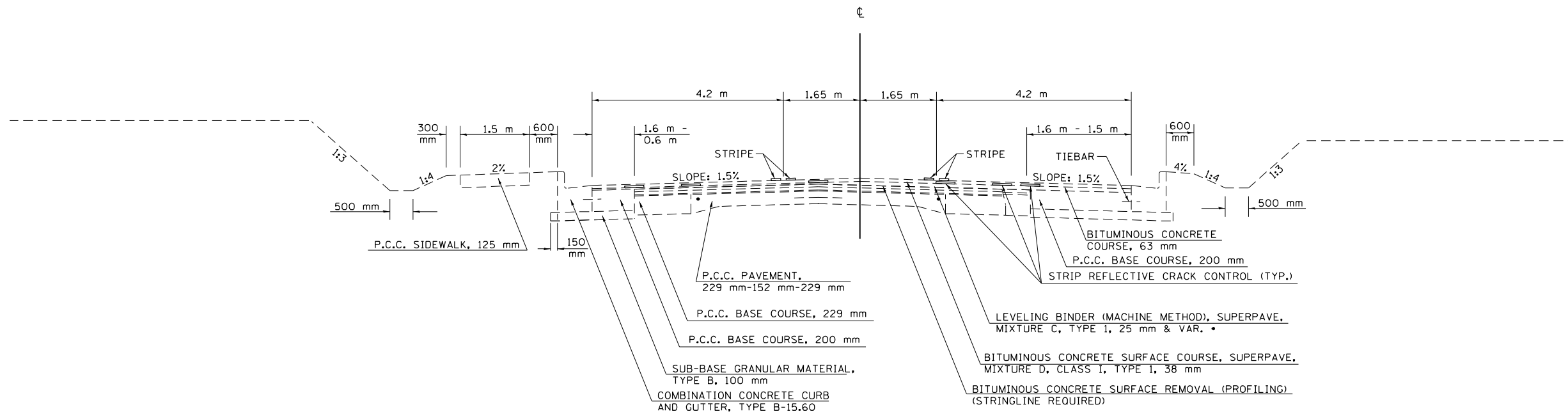
STA. 12 + 291.2 TO STA. 12 + 488.7 (M)  
STA. 95 + 95.2 TO 89 + 47.2



### EXISTING TYPICAL CROSS SECTION

6

STA. 12 + 488.7 TO STA. 12 + 540.5 (M)  
STA. 89 + 47.2 TO STA. 87 + 77.1



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STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

EXISTING TYPICAL CROSS SECTIONS

SCALE: SHEET OF SHEETS STA. TO STA.

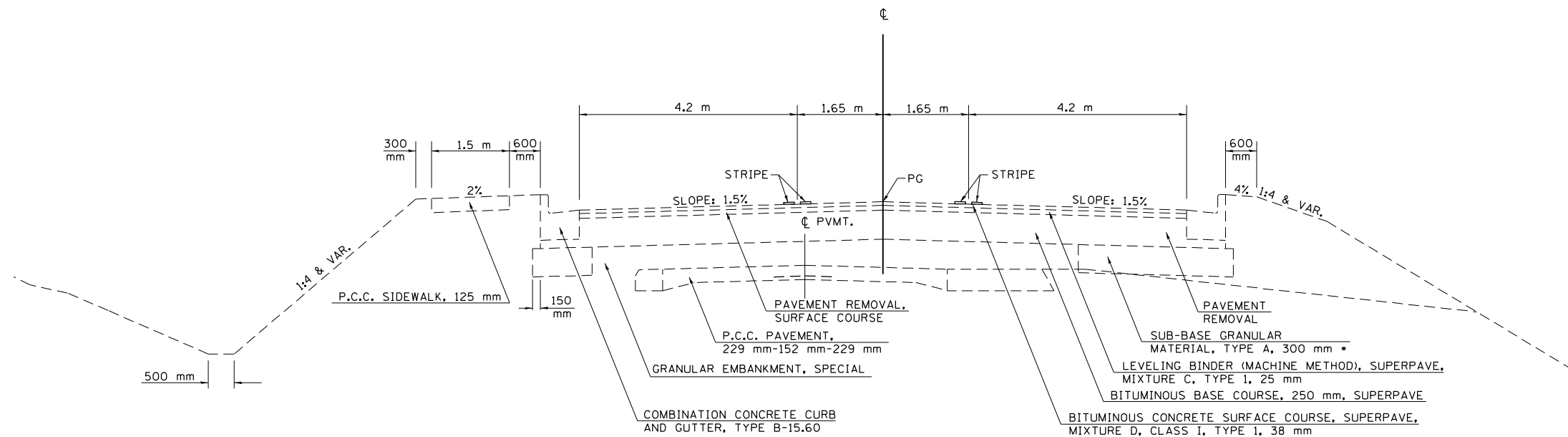
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	111 RS-7	COLES	74	13
CONTRACT NO. 74812				
ILLINOIS FED. AID PROJECT				

# EXISTING TYPICAL CROSS SECTION

7

STA. 12 + 540.5 TO STA. 12 + 654.8 (M)

STA. 87 + 77.1 TO 84 + 02.3

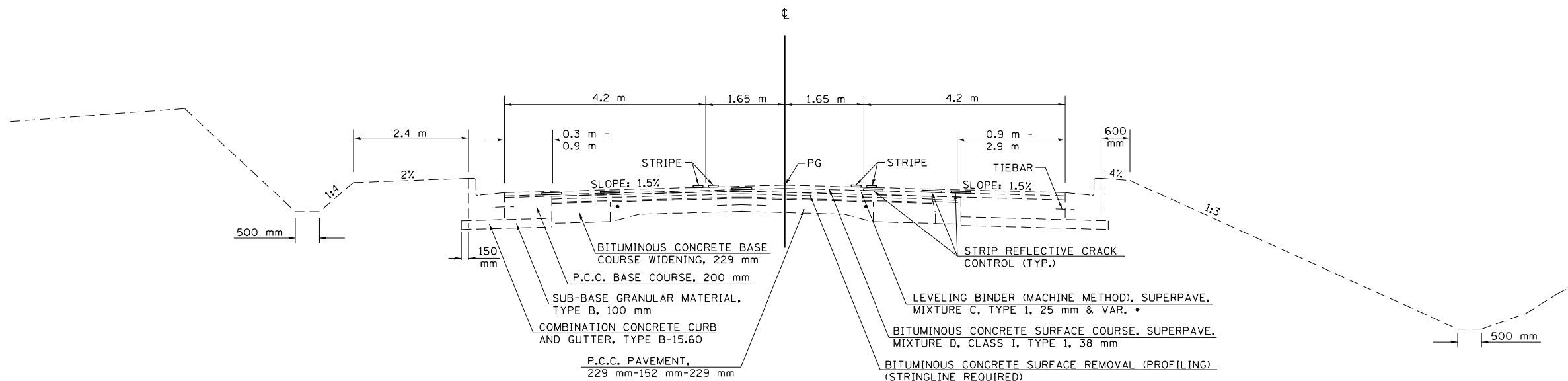


# EXISTING TYPICAL CROSS SECTION

8

STA. 12 + 654.8 TO STA. 12 + 747.8 (M)

STA. 84 + 02.3 TO STA. 80 + 97.2



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DEPARTMENT OF TRANSPORTATION

EXISTING TYPICAL CROSS SECTIONS

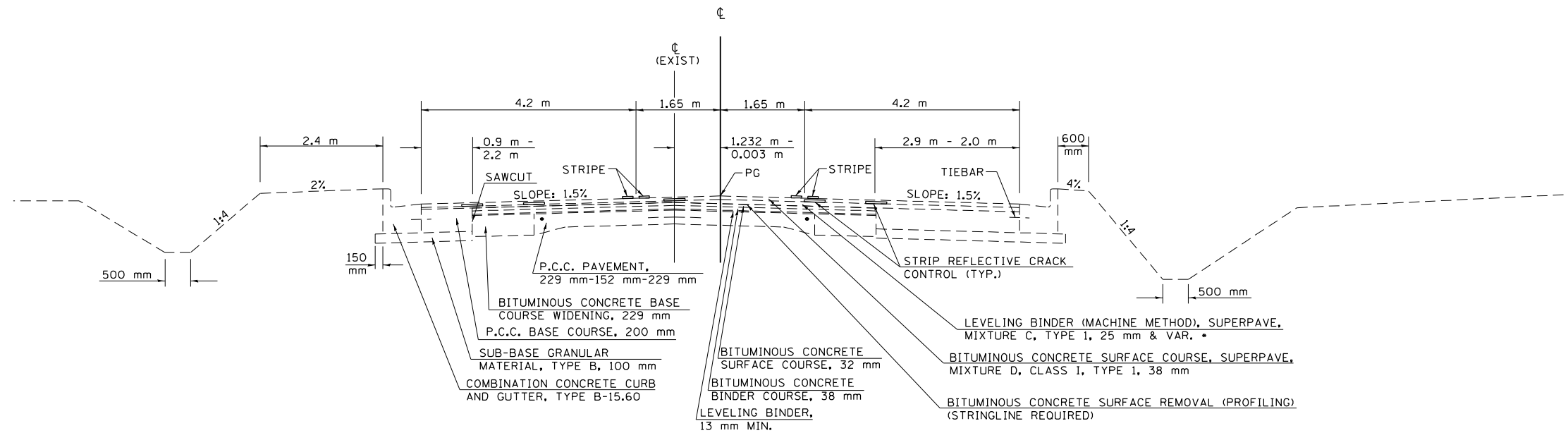
SCALE: SHEET OF SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	111 RS-7	COLES	74	14
CONTRACT NO. 74812				
ILLINOIS FED. AID PROJECT				

# EXISTING TYPICAL CROSS SECTION

9

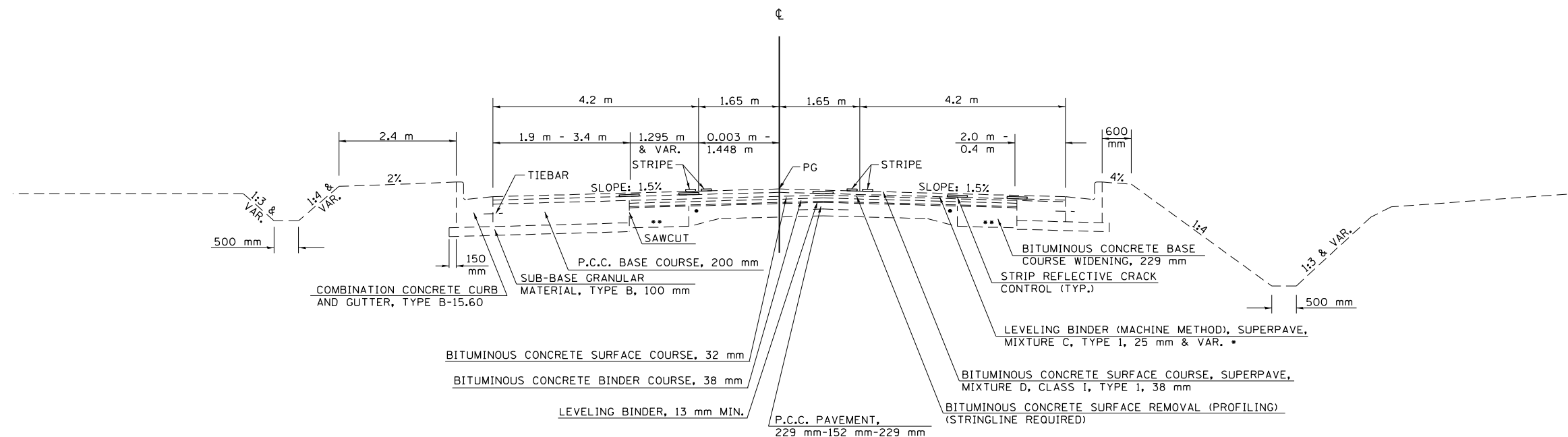
STA. 12 + 747.8 TO STA. 12 + 826.2 (M)  
STA. 80 + 97.2 TO STA. 78 + 40.0



# EXISTING TYPICAL CROSS SECTION

10

STA. 12 + 826.2 TO STA. 12 + 961.4 (M)  
STA. 78 + 40.0 TO STA. 73 + 96.2



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EXISTING TYPICAL CROSS SECTIONS

SCALE: SHEET OF SHEETS STA. TO STA.

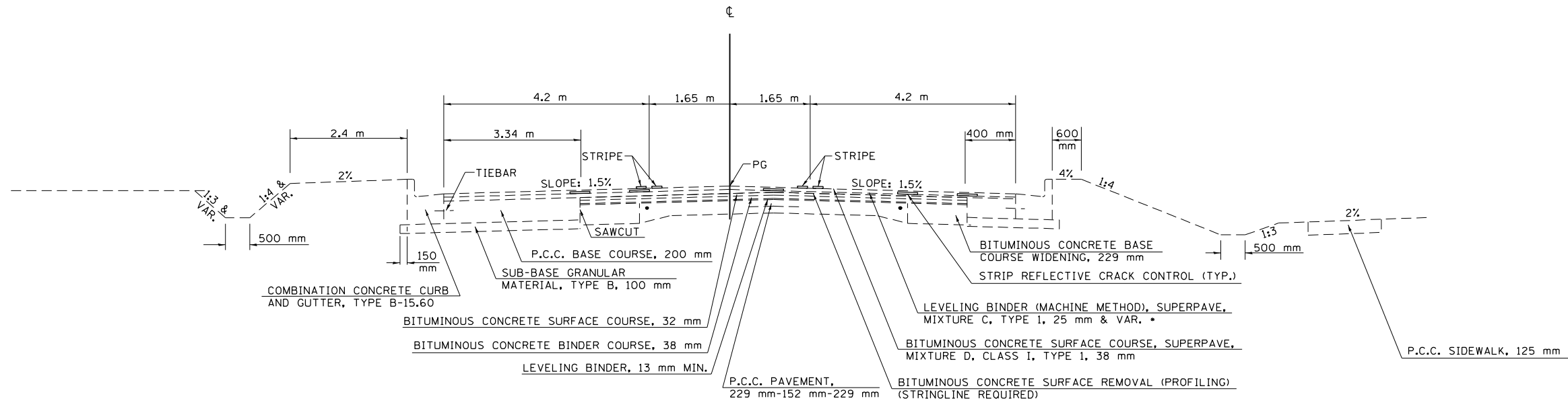
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	111 RS-7	COLES	74	15
CONTRACT NO. 74812				
ILLINOIS FED. AID PROJECT				

# EXISTING TYPICAL CROSS SECTION

STA. 12 + 961.4 TO STA. 13 + 066.1 (M)

STA. 73 + 96.2 TO STA. 70 + 52.7

11

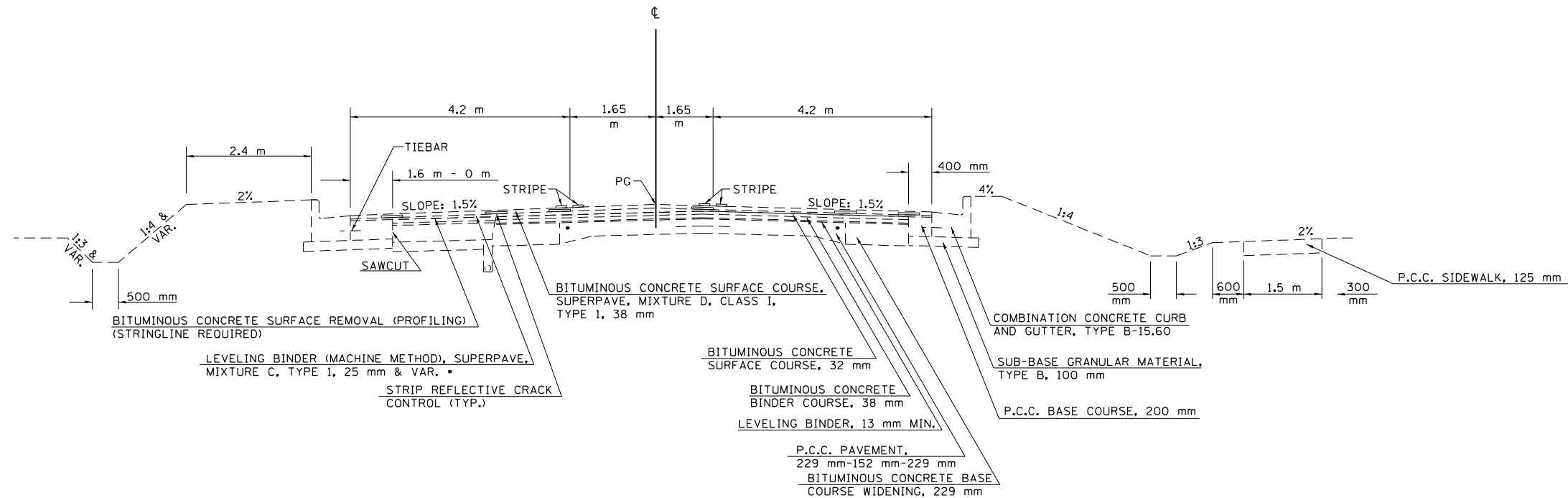


# EXISTING TYPICAL CROSS SECTION

STA. 13 + 066.1 TO STA. 13 + 147.0 (M)

STA. 70 + 52.7 TO 67 + 87.3

12



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**STATE OF ILLINOIS  
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**EXISTING TYPICAL CROSS SECTIONS**

SCALE: SHEET OF SHEETS STA. TO STA.

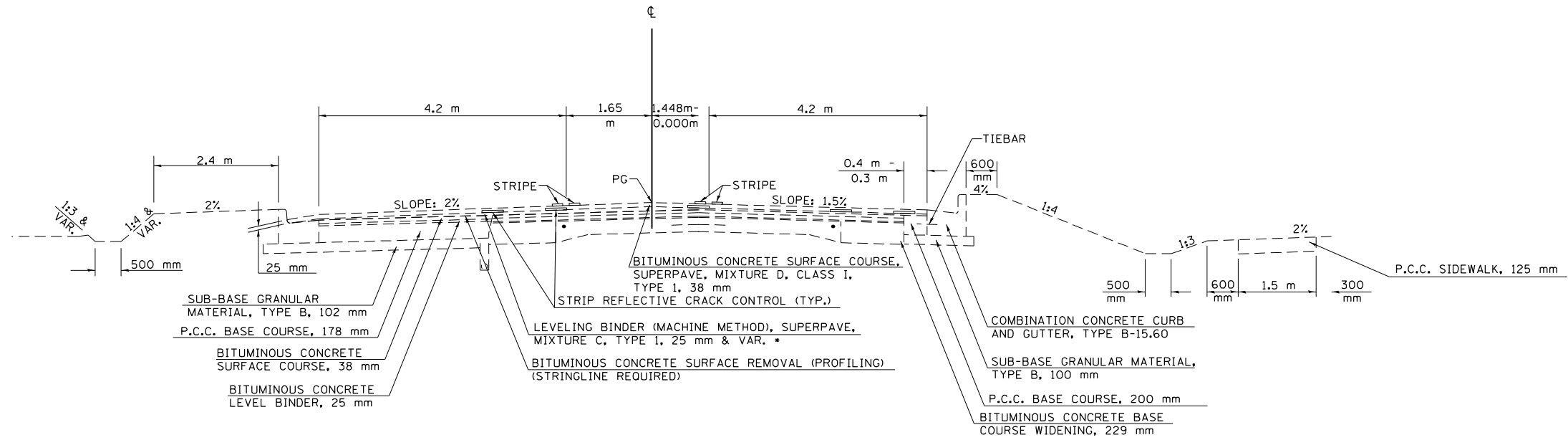
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	111 RS-7	COLES	74	16
CONTRACT NO. 74812				
ILLINOIS FED. AID PROJECT				



# EXISTING TYPICAL CROSS SECTION

13

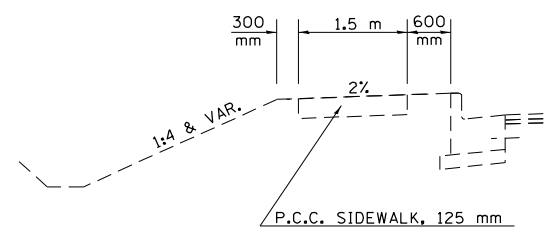
STA. 13 + 147.0 TO STA. 13 + 538.0  
STA. 67 + 87.3 TO STA. 55 + 04.5



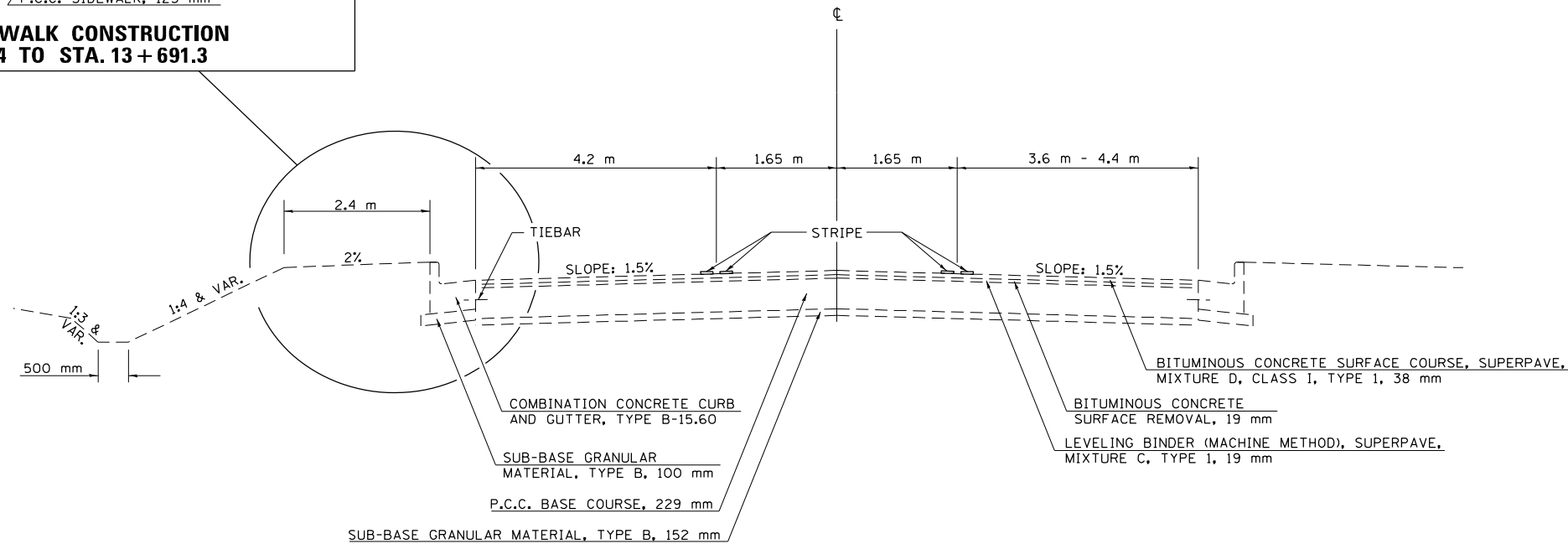
# EXISTING TYPICAL CROSS SECTION

14

STA. 13 + 538.0 TO STA. 13 + 691.3 (M)  
STA. 55 + 04.5 TO STA. 50 + 01.6



DETAIL OF SIDEWALK CONSTRUCTION  
STA. 13 + 569.4 TO STA. 13 + 691.3



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STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

EXISTING TYPICAL CROSS SECTIONS

SCALE: SHEET OF SHEETS STA. TO STA.

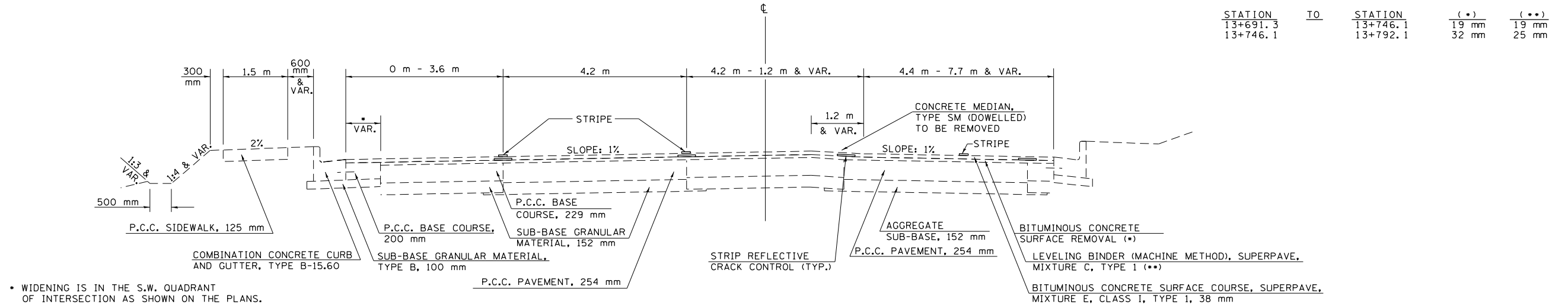
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	111 RS-7	COLES	74	17
CONTRACT NO. 74812				
ILLINOIS FED. AID PROJECT				

# EXISTING TYPICAL CROSS SECTION

15

STA. 13+691.3 TO STA. 13+792.1 (M)

STA. 50+01.6 TO STA. 46+70.8

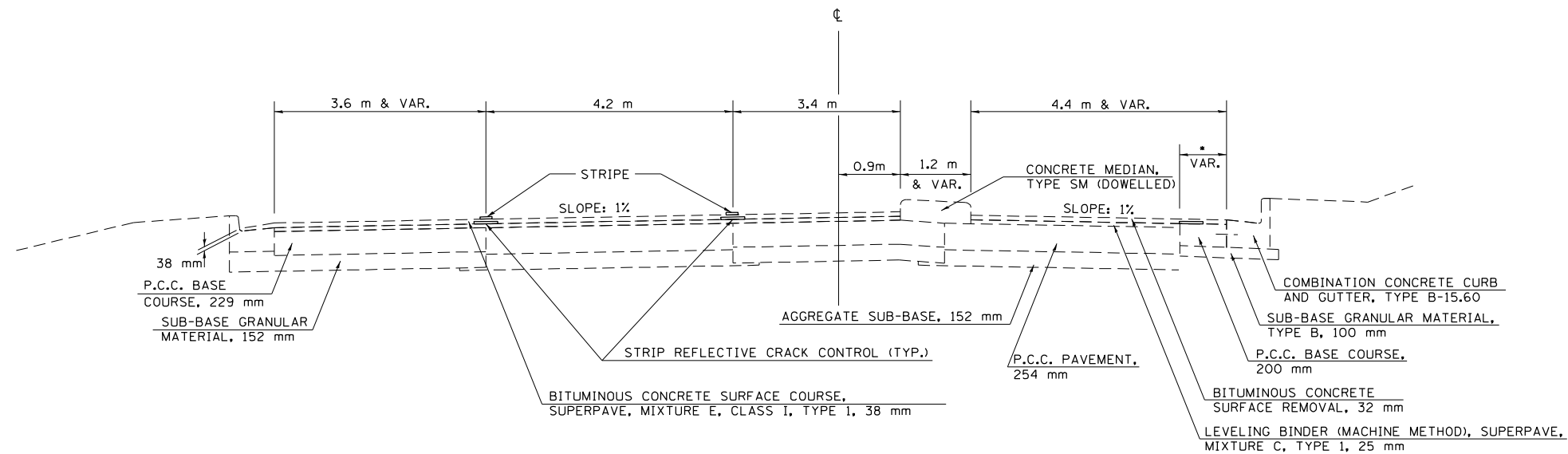


# EXISTING TYPICAL CROSS SECTION

16

STA. 13+792.1 TO STA. 13+840.3 (M)

STA. 46+70.8 TO STA. 45+12.2



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STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

EXISTING TYPICAL CROSS SECTIONS

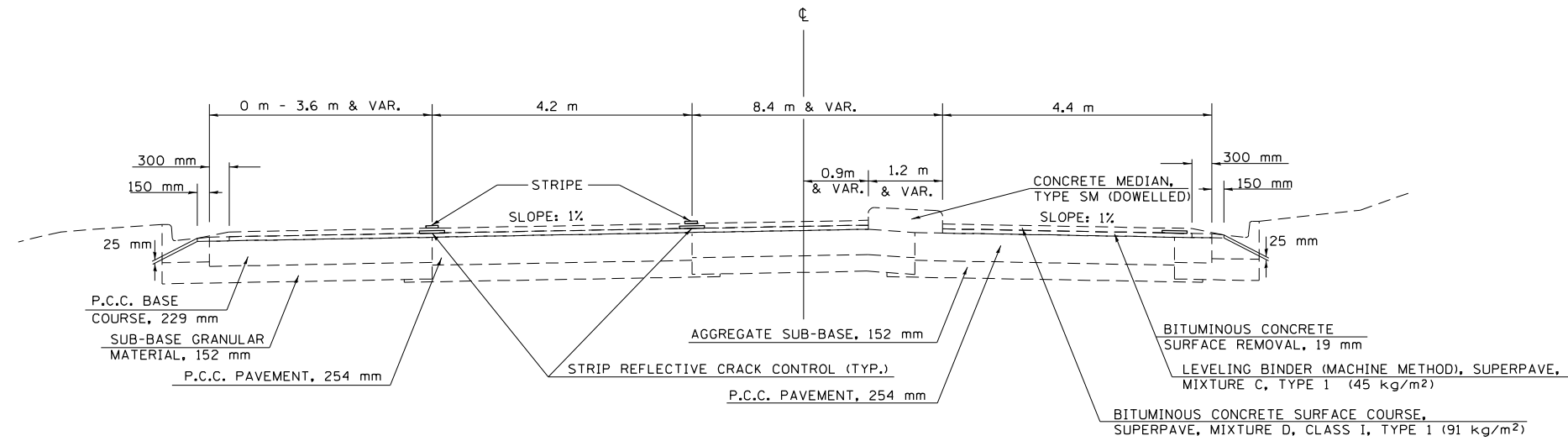
SCALE: SHEET OF SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	111 RS-7	COLES	74	18
CONTRACT NO. 74812				
ILLINOIS FED. AID PROJECT				

# EXISTING TYPICAL CROSS SECTION

17

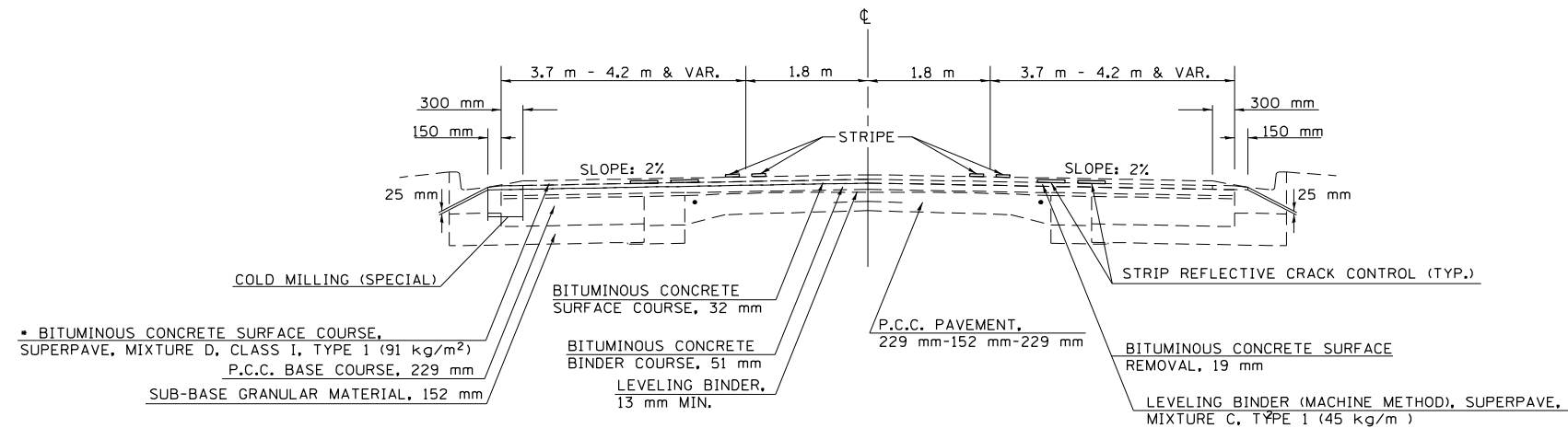
STA. 13 + 840.3 TO STA. 13 + 943.8 (M)  
STA. 45 + 12.2 TO STA. 41 + 72.7



# EXISTING TYPICAL CROSS SECTION

18

STA. 13 + 943.8 TO STA. 15 + 215.8 (M)  
STA. 41 + 72.7 TO STA. 0 + 00.0



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USER NAME = Jessica.Hille	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 20,0000 * / in.	CHECKED -	REVISED -
PLOT DATE = 3/31/2023	DATE -	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

EXISTING TYPICAL CROSS SECTIONS

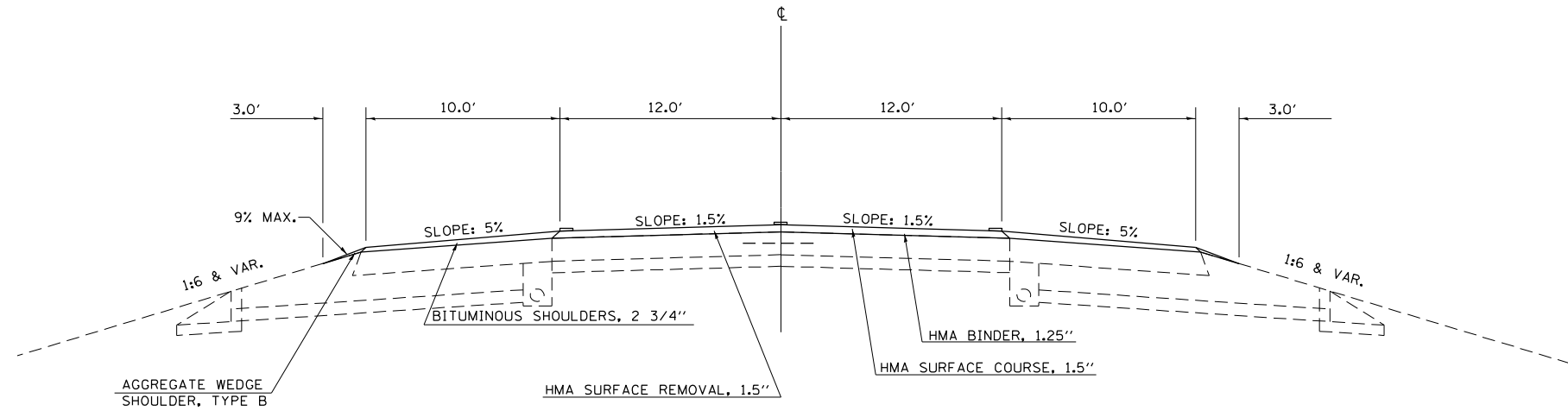
SCALE: SHEET OF SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	111 RS-7	COLES	74	19
CONTRACT NO. 74812				
ILLINOIS FED. AID PROJECT				

# PROPOSED TYPICAL CROSS SECTION

1

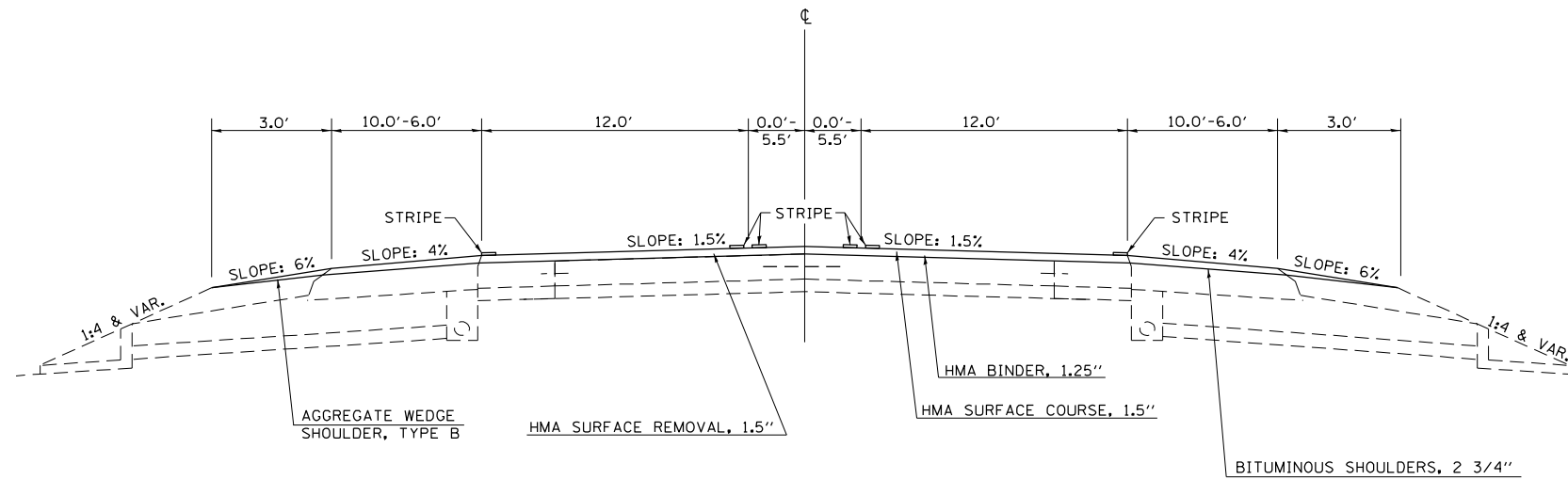
STA. 10+857.9 TO STA. 11+100.0 (M)  
STA. 142+96.0 TO STA. 135+01.8



# PROPOSED TYPICAL CROSS SECTION

2

STA. 11+100.0 TO STA. 11+873.8 (M)  
STA. 135+01.8 TO STA. 109+63.4



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PLOT SCALE = 20,0000 * / in.	CHECKED -	REVISED -
PLOT DATE = 3/31/2023	DATE -	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

PROPOSED TYPICAL CROSS SECTIONS

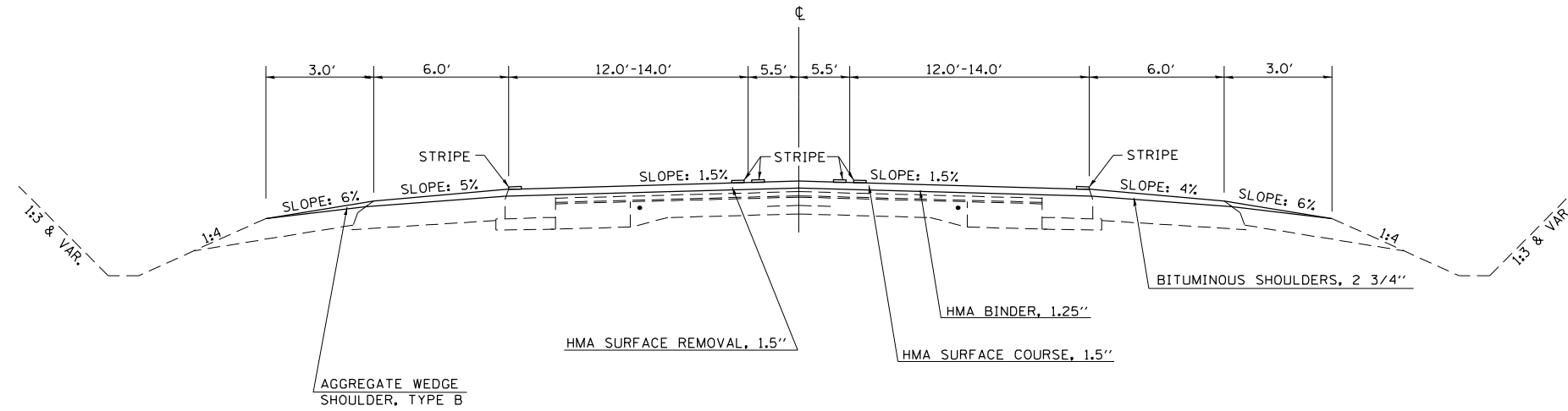
SCALE: SHEET OF SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	111 RS-7	COLES	74	20
CONTRACT NO. 74812				
ILLINOIS FED. AID PROJECT				

### PROPOSED TYPICAL CROSS SECTION

3

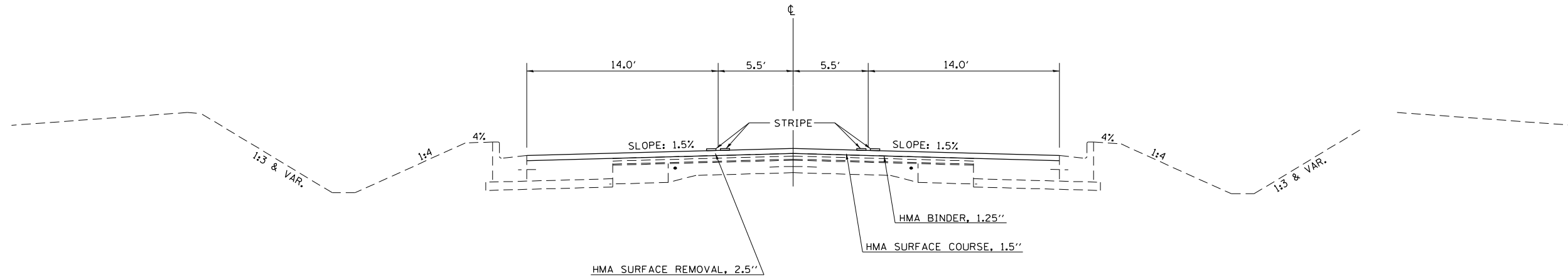
STA. 11 + 873.8 TO STA. 11 + 950.0 (M)  
 STA. 109 + 63.4 TO STA. 107 + 13.5



### PROPOSED TYPICAL CROSS SECTION

4

STA. 11 + 950.0 TO STA. 12 + 291.2 (M)  
 STA. 107 + 13.5 TO 95 + 95.2



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	DRAWN -	REVISED -
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PLOT DATE = 3/31/2023	DATE -	REVISED -

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

PROPOSED TYPICAL CROSS SECTIONS

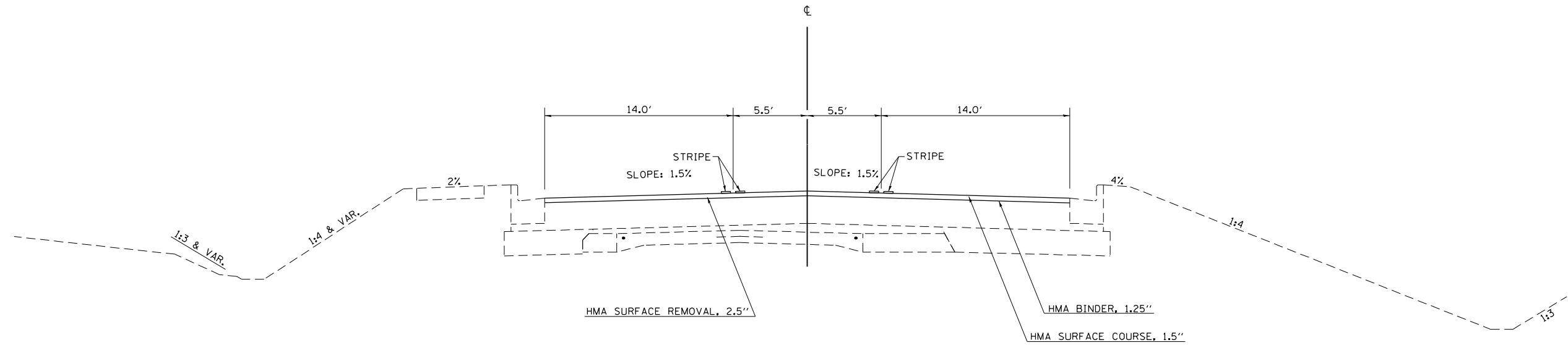
SCALE: SHEET OF SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	111 RS-7	COLES	74	21
CONTRACT NO. 74812				
ILLINOIS FED. AID PROJECT				

### PROPOSED TYPICAL CROSS SECTION

5

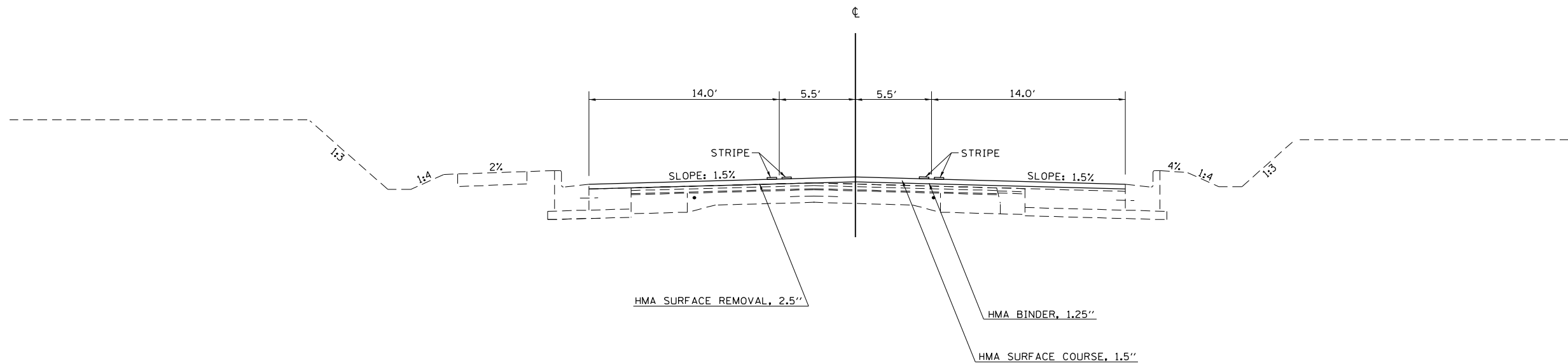
STA. 12 + 291.2 TO STA. 12 + 488.7 (M)  
 STA. 95 + 95.2 TO 89 + 47.2



### PROPOSED TYPICAL CROSS SECTION

6

STA. 12 + 488.7 TO STA. 12 + 540.5 (M)  
 STA. 89 + 47.2 TO STA. 87 + 77.1



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USER NAME = Jessica.Hille	DESIGNED -	REVISED -
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PLOT SCALE = 20,0000 * / in.	CHECKED -	REVISED -
PLOT DATE = 3/31/2023	DATE -	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**PROPOSED TYPICAL CROSS SECTIONS**

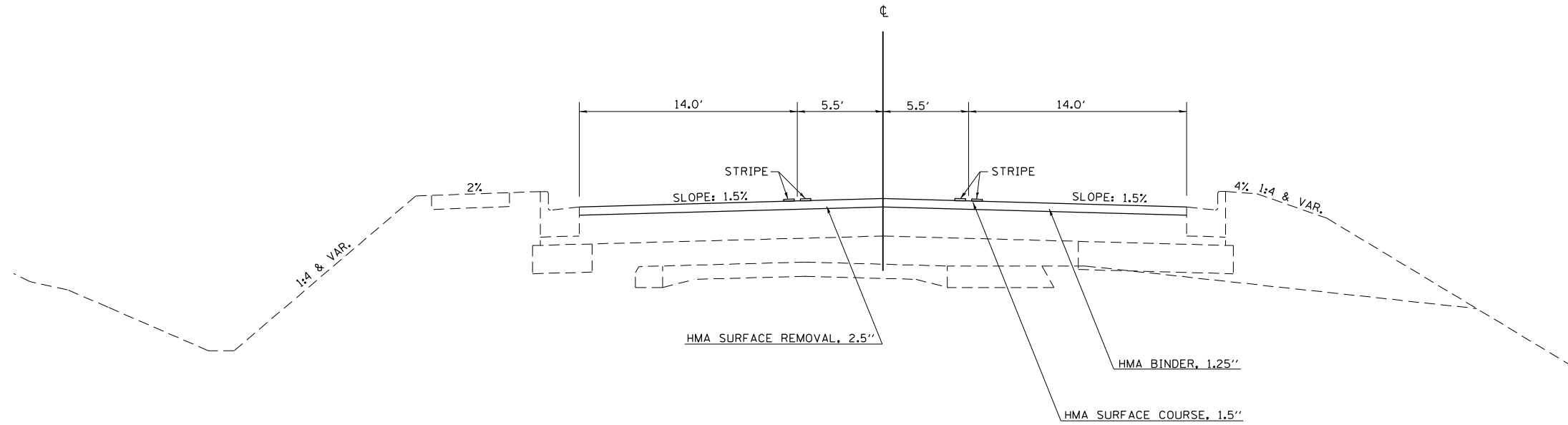
SCALE: SHEET OF SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	111 RS-7	COLES	74	22
CONTRACT NO. 74812				
ILLINOIS FED. AID PROJECT				

# PROPOSED TYPICAL CROSS SECTION

7

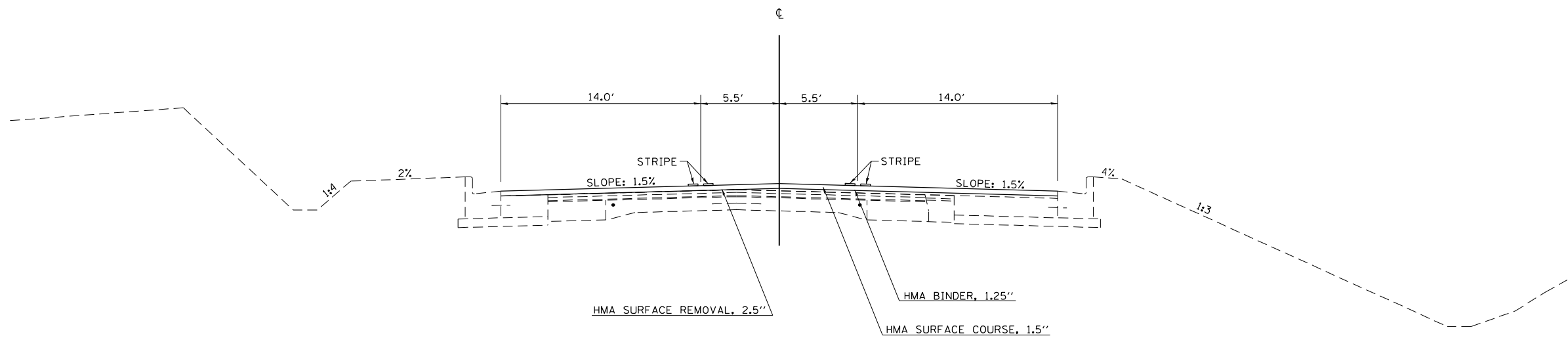
STA. 12 + 540.5 TO STA. 12 + 654.8 (M)  
STA. 87 + 77.1 TO 84 + 02.3



# PROPOSED TYPICAL CROSS SECTION

8

STA. 12 + 654.8 TO STA. 12 + 747.8 (M)  
STA. 84 + 02.3 TO STA. 80 + 97.2



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USER NAME = Jessica.Hille	DESIGNED -	REVISED -
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STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

PROPOSED TYPICAL CROSS SECTIONS

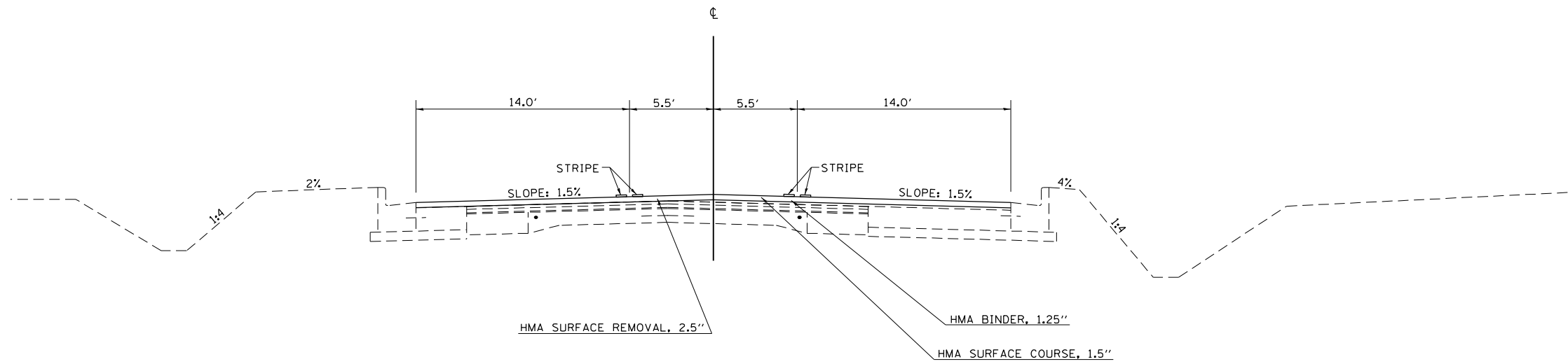
SCALE: SHEET OF SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	111 RS-7	COLES	74	23
CONTRACT NO. 74812				
ILLINOIS FED. AID PROJECT				

# PROPOSED TYPICAL CROSS SECTION

9

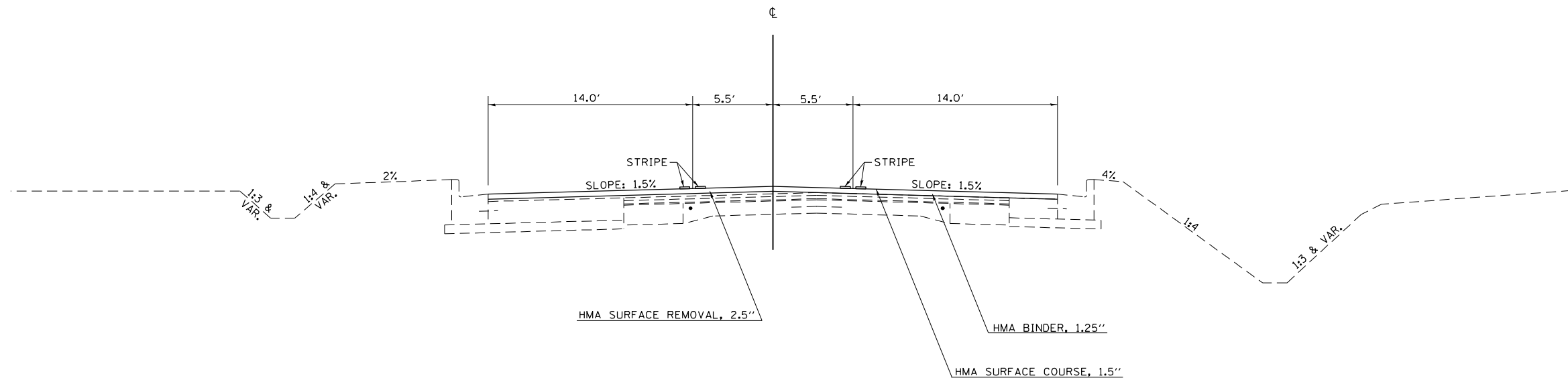
STA. 12 + 747.8 TO STA. 12 + 826.2 (M)  
 STA. 80 + 97.2 TO STA. 78 + 40.0



# PROPOSED TYPICAL CROSS SECTION

10

STA. 12 + 826.2 TO STA. 12 + 961.4 (M)  
 STA. 78 + 40.0 TO STA. 73 + 96.2



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USER NAME = Jessica.Hille	DESIGNED -	REVISED -
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PLOT SCALE = 20,0000 * / in.	CHECKED -	REVISED -
PLOT DATE = 3/31/2023	DATE -	REVISED -

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

PROPOSED TYPICAL CROSS SECTIONS

SCALE: SHEET OF SHEETS STA. TO STA.

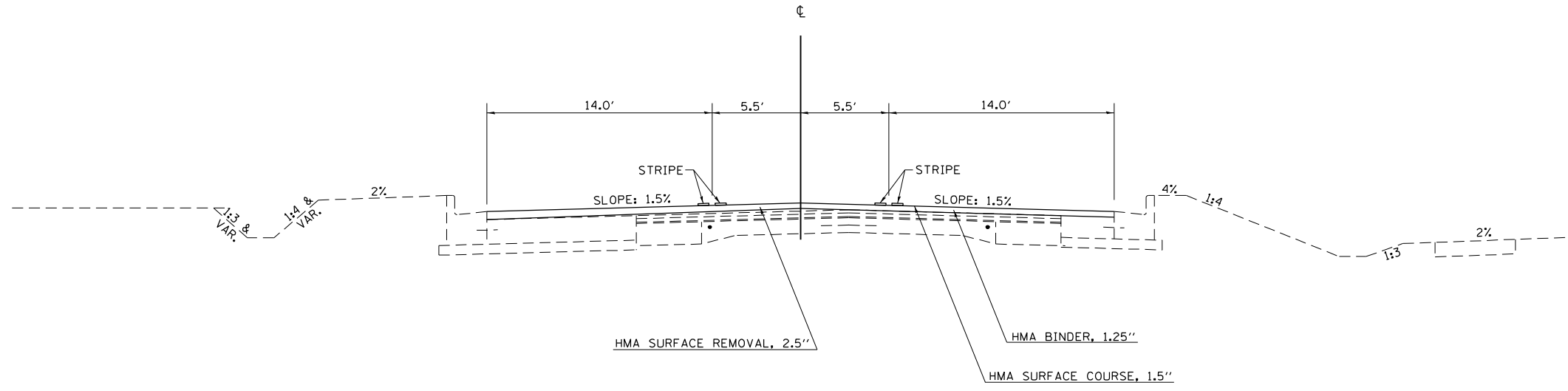
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	111 RS-7	COLES	74	24
CONTRACT NO. 74812				
ILLINOIS FED. AID PROJECT				



# PROPOSED TYPICAL CROSS SECTION

11

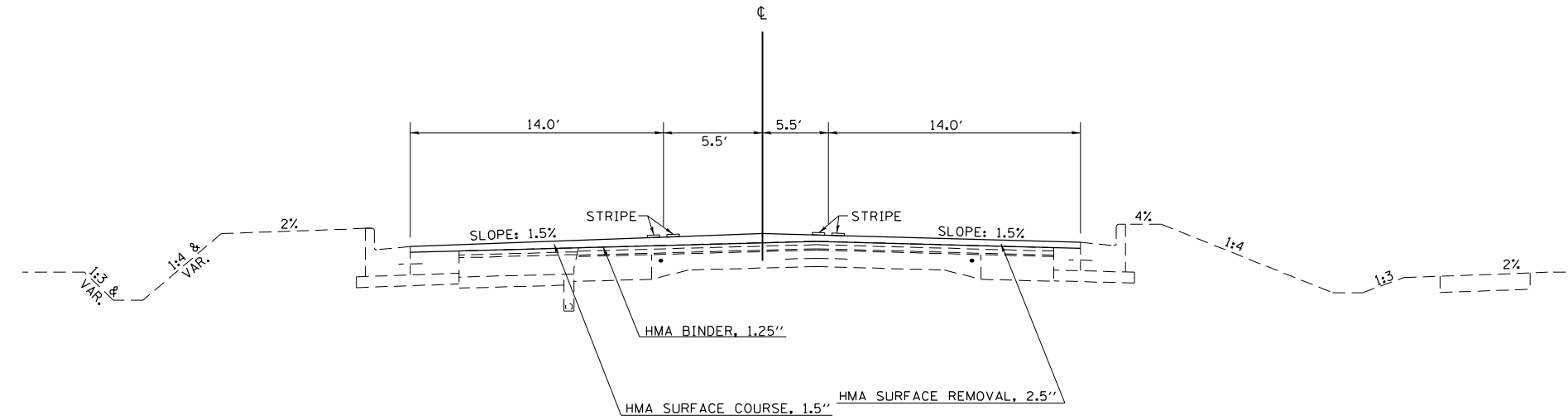
STA. 12 + 961.4 TO STA. 13 + 066.1 (M)  
STA. 73 + 96.2 TO STA. 70 + 52.7



# PROPOSED TYPICAL CROSS SECTION

12

STA. 13 + 066.1 TO STA. 13 + 147.0 (M)  
STA. 70 + 52.7 TO 67 + 87.3



MODEL: Default  
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PLOT DATE = 3/31/2023	DATE -	REVISED -

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

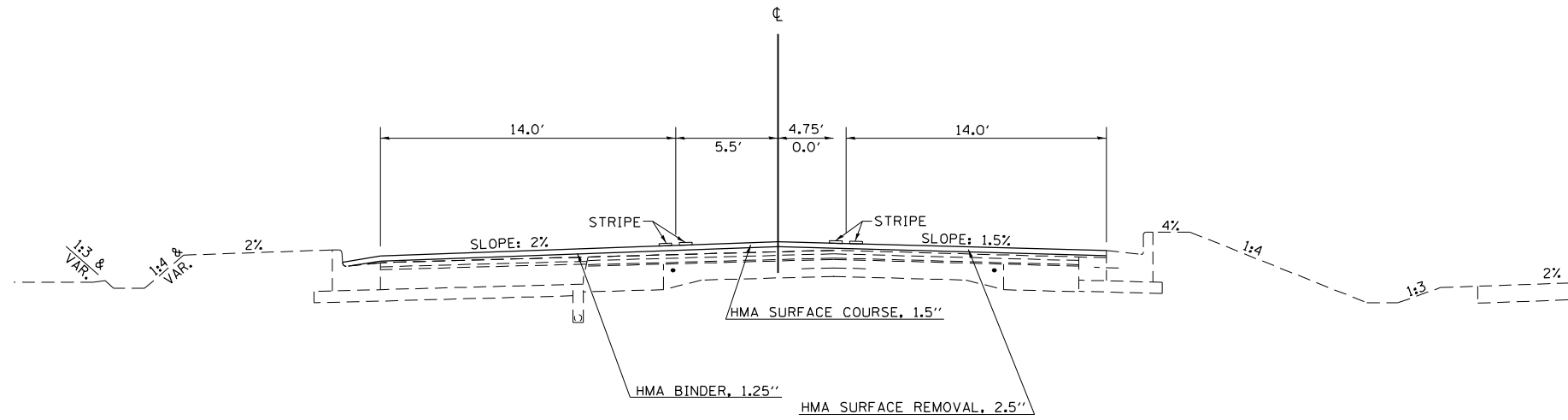
PROPOSED TYPICAL CROSS SECTIONS			
SCALE:	SHEET	OF SHEETS	STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	111 RS-7	COLES	74	25
CONTRACT NO. 74812				
ILLINOIS FED. AID PROJECT				

# PROPOSED TYPICAL CROSS SECTION

13

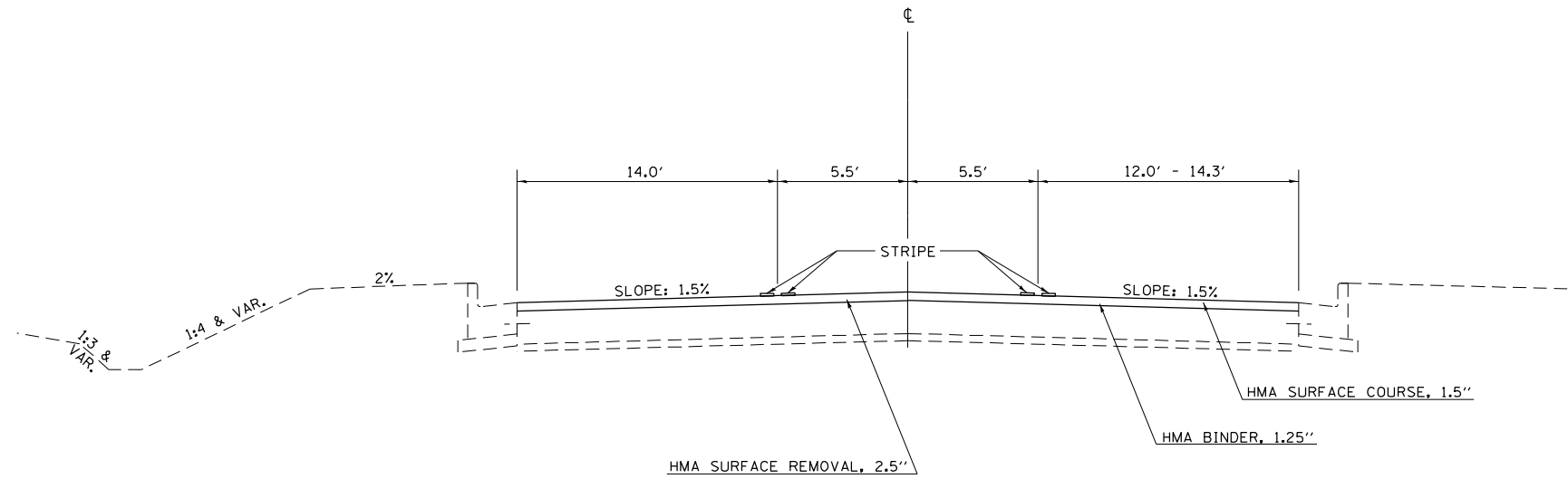
STA. 13 + 147.0 TO STA. 13 + 538.0  
 STA. 67 + 87.3 TO STA. 55 + 04.5



# PROPOSED TYPICAL CROSS SECTION

14

STA. 13 + 538.0 TO STA. 13 + 691.3 (M)  
 STA. 55 + 04.5 TO STA. 50 + 01.6



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PLOT SCALE = 20,0000 * / in.	CHECKED -	REVISED -
PLOT DATE = 3/31/2023	DATE -	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

<b>PROPOSED TYPICAL CROSS SECTIONS</b>			
SCALE:	SHEET	OF	SHEETS
	STA.	TO	STA.

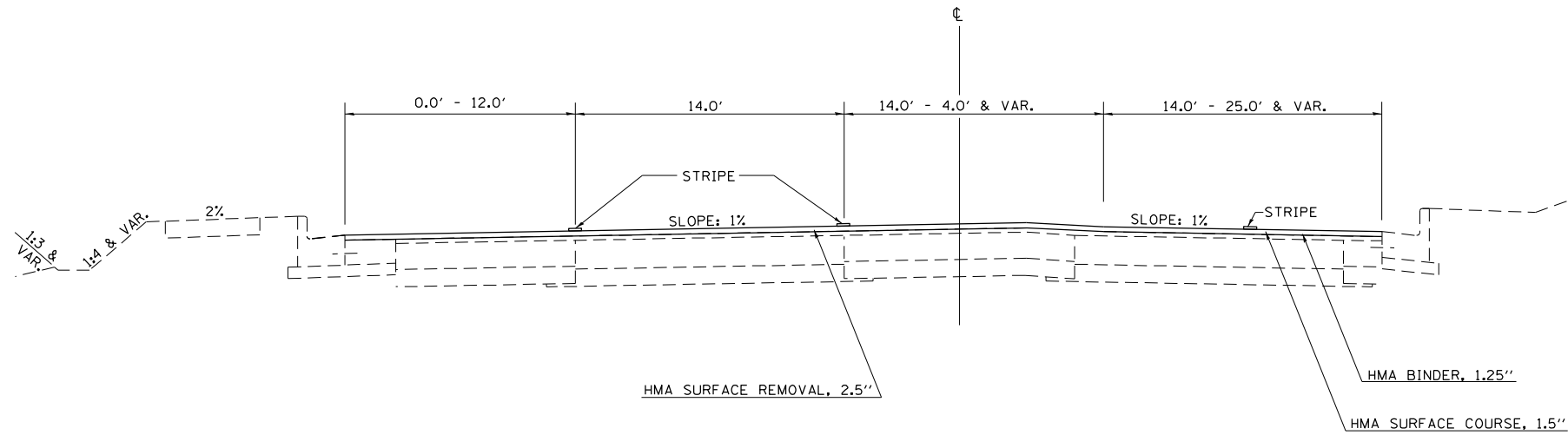
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	111 RS-7	COLES	74	26
CONTRACT NO. 74812				
ILLINOIS FED. AID PROJECT				

# PROPOSED TYPICAL CROSS SECTION

15

STA. 13 + 691.3 TO STA. 13 + 792.1 (M)

STA. 50 + 01.6 TO STA. 46 + 70.8

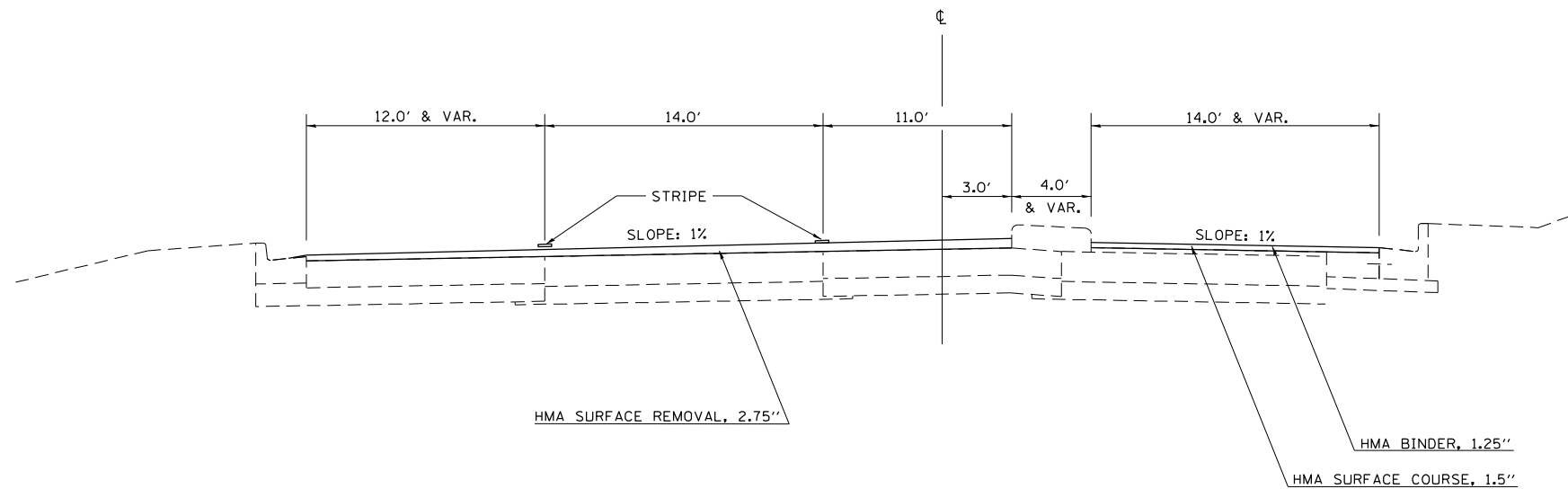


# PROPOSED TYPICAL CROSS SECTION

16

STA. 13 + 792.1 TO STA. 13 + 840.3 (M)

STA. 46 + 70.8 TO STA. 45 + 12.2



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STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

PROPOSED TYPICAL CROSS SECTIONS

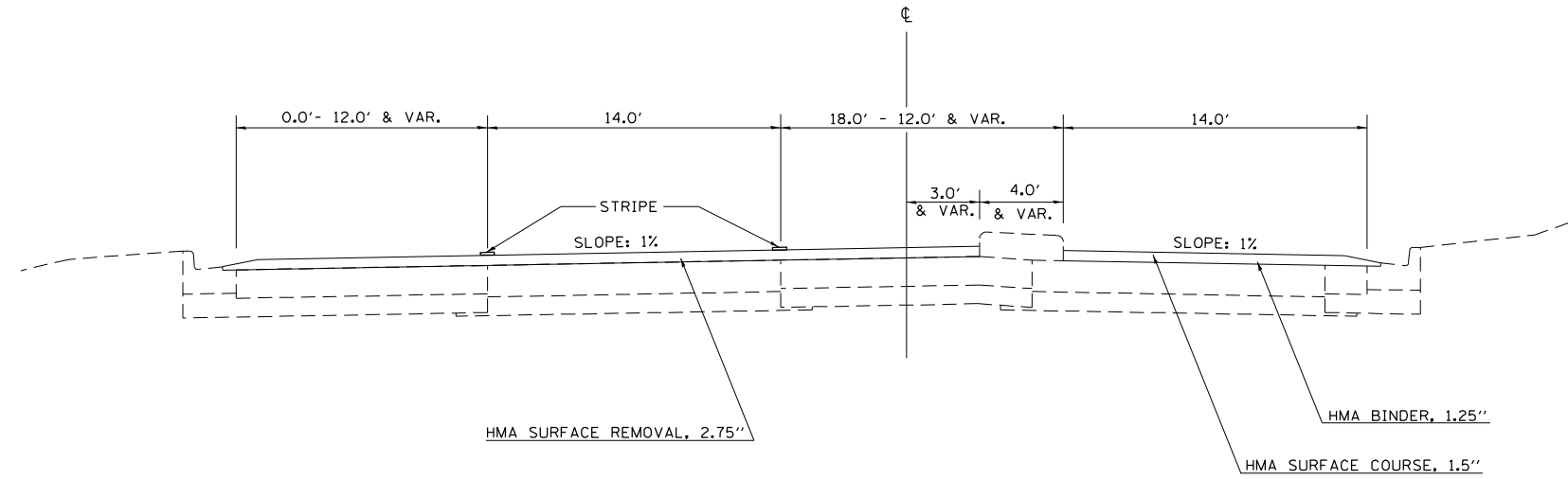
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F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	111 RS-7	COLES	74	27
CONTRACT NO. 74812				
ILLINOIS FED. AID PROJECT				

# PROPOSED TYPICAL CROSS SECTION

17

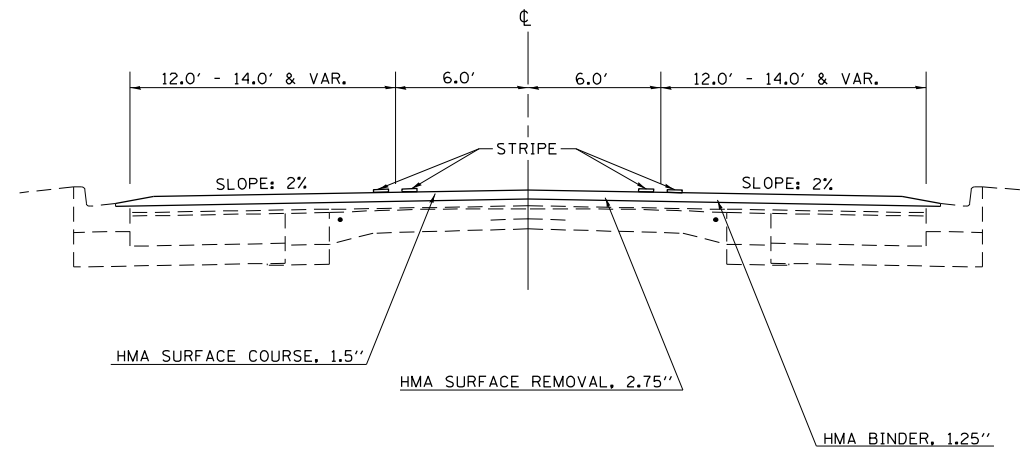
STA. 13 + 840.3 TO STA. 13 + 943.8 (M)  
 STA. 45 + 12.2 TO STA. 41 + 72.7



# PROPOSED TYPICAL CROSS SECTION

18

STA. 13 + 943.8 TO STA. 15 + 215.8 (M)  
 STA. 41 + 72.7 TO STA. 0 + 00.0  
 STA. EQ 0 + 00.0 = 500 + 00.0  
 STA. 500 + 00.0 TO STA. 500 + 19.26



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PLOT DATE = 3/31/2023	DATE -	REVISED -

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

PROPOSED TYPICAL CROSS SECTIONS

SCALE: SHEET OF SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	111 RS-7	COLES	74	28
CONTRACT NO. 74812				
ILLINOIS FED. AID PROJECT				





14 15+00 16 17 18 19 20+00 21

37.5'

ROW

PC Sta 19+98.64

HARRISON AVE

HARRISON AVE



21 22 23 24 25+00 26 27 28

37.3'

ROW

PI Sta 24+69.21

MITCHELL AVE

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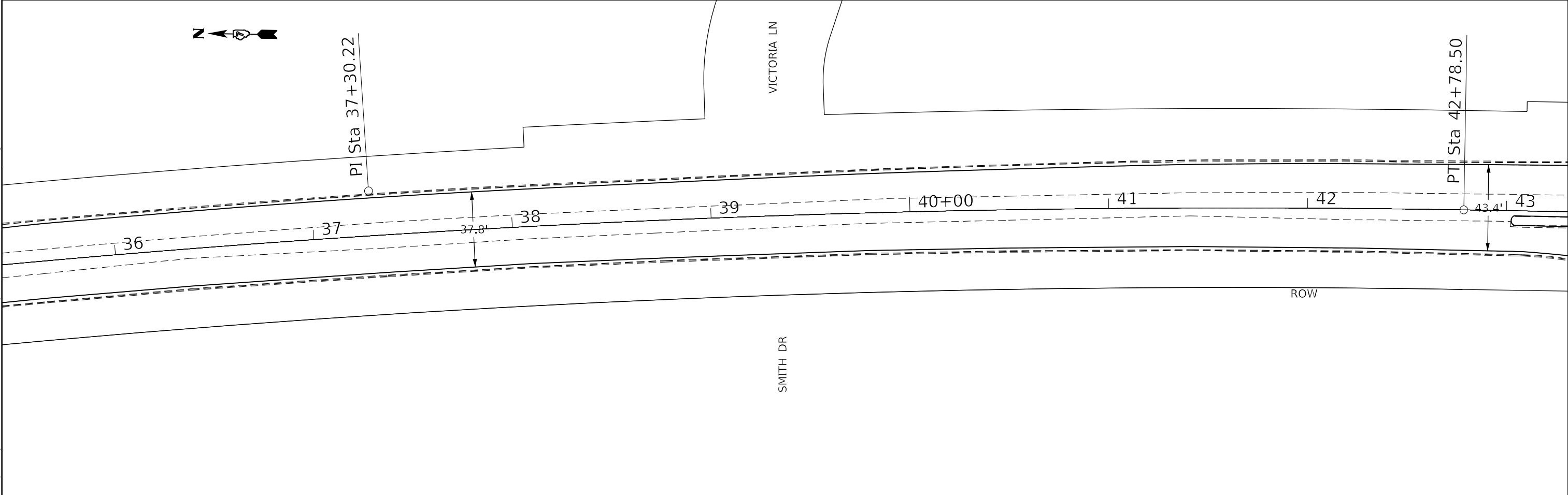
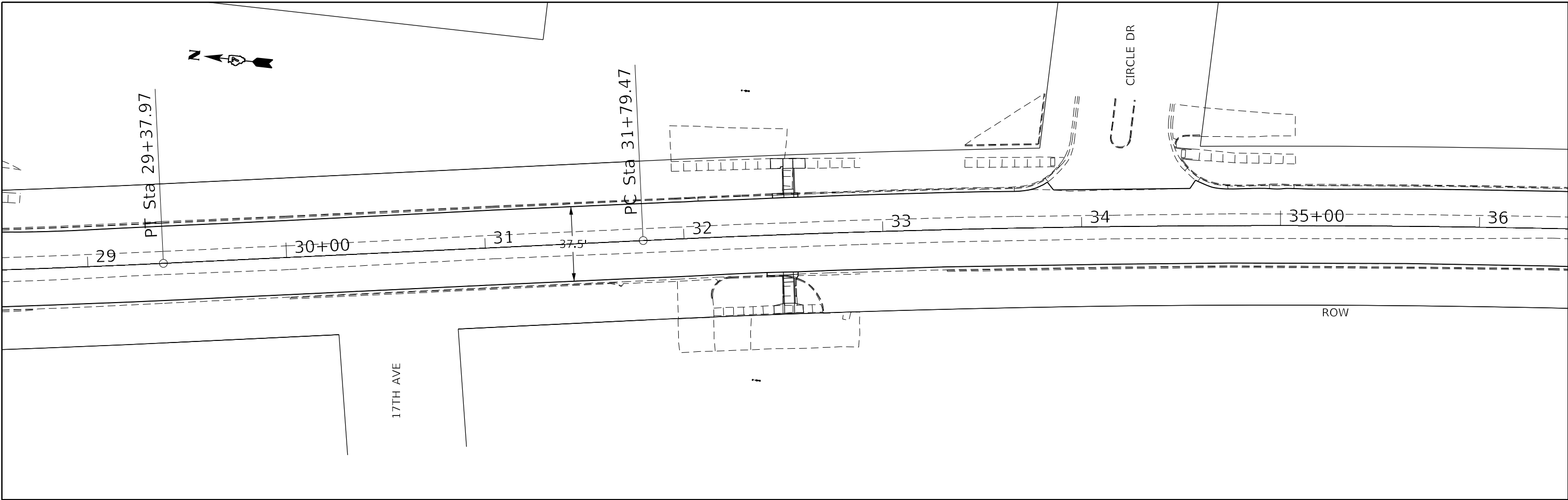
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

PLAN SHEETS

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	111 RS-7	COLES	74	30
CONTRACT NO. 74812				
ILLINOIS FED. AID PROJECT				

\* FAP 820, FAP 116



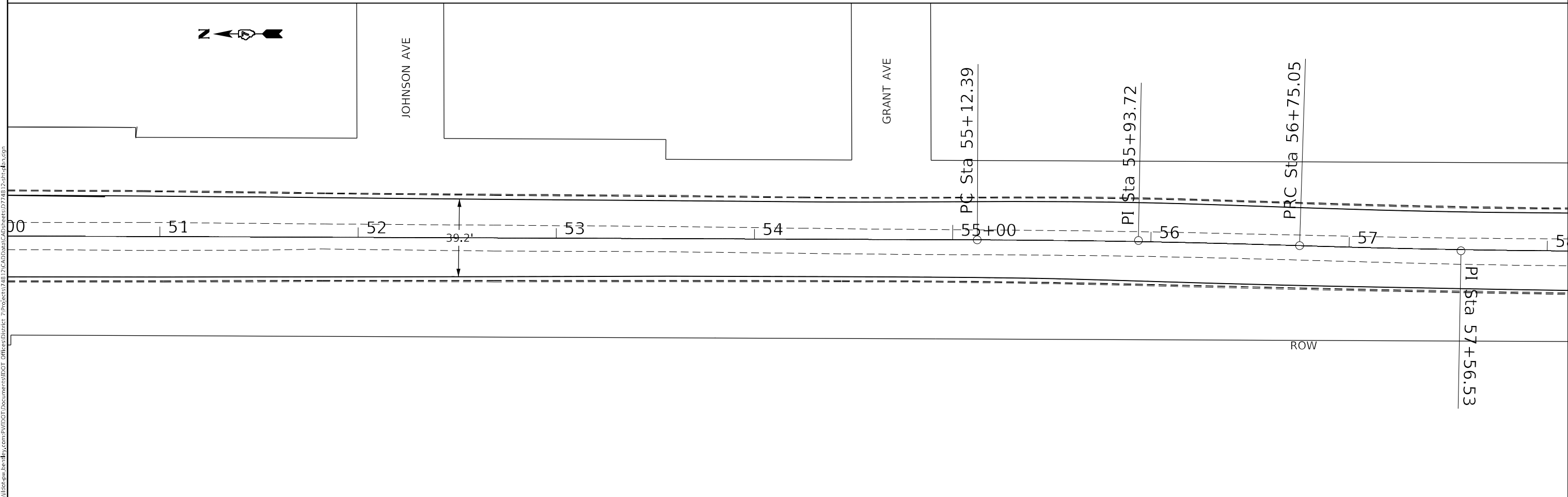
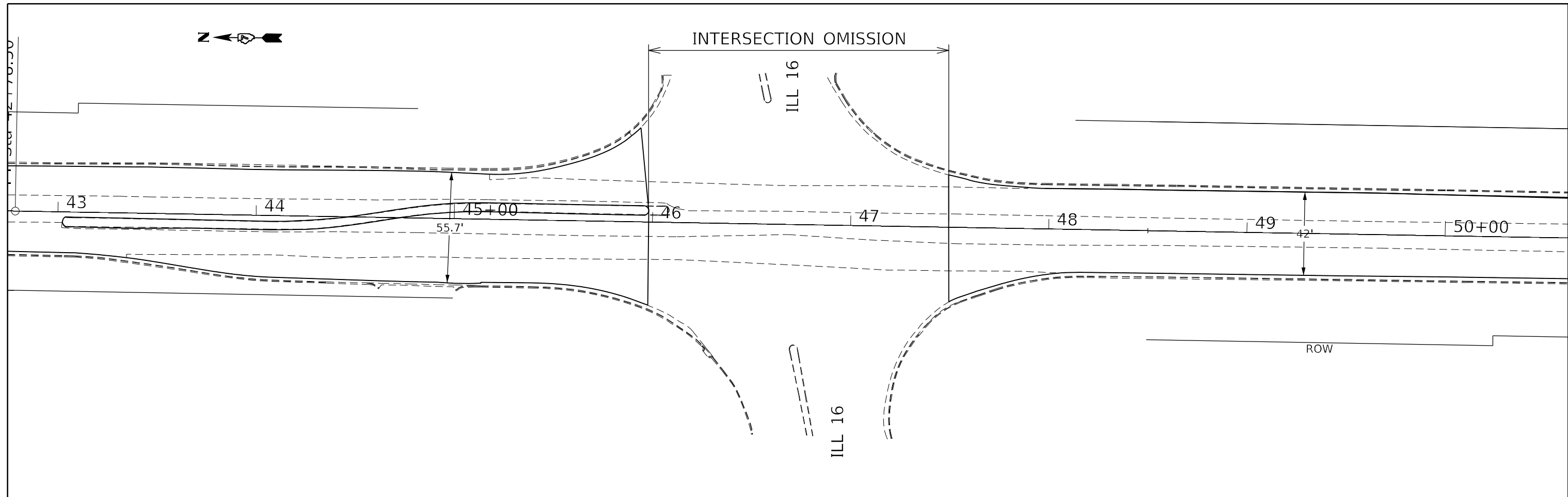
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PLOT DATE = 3/31/2023	DATE -	REVISED -

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

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	111 RS-7	COLES	74	31
CONTRACT NO. 74812				
ILLINOIS FED. AID PROJECT				



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DRAWN -	REVISED -	
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PLOT DATE = 3/31/2023	DATE -	REVISED -

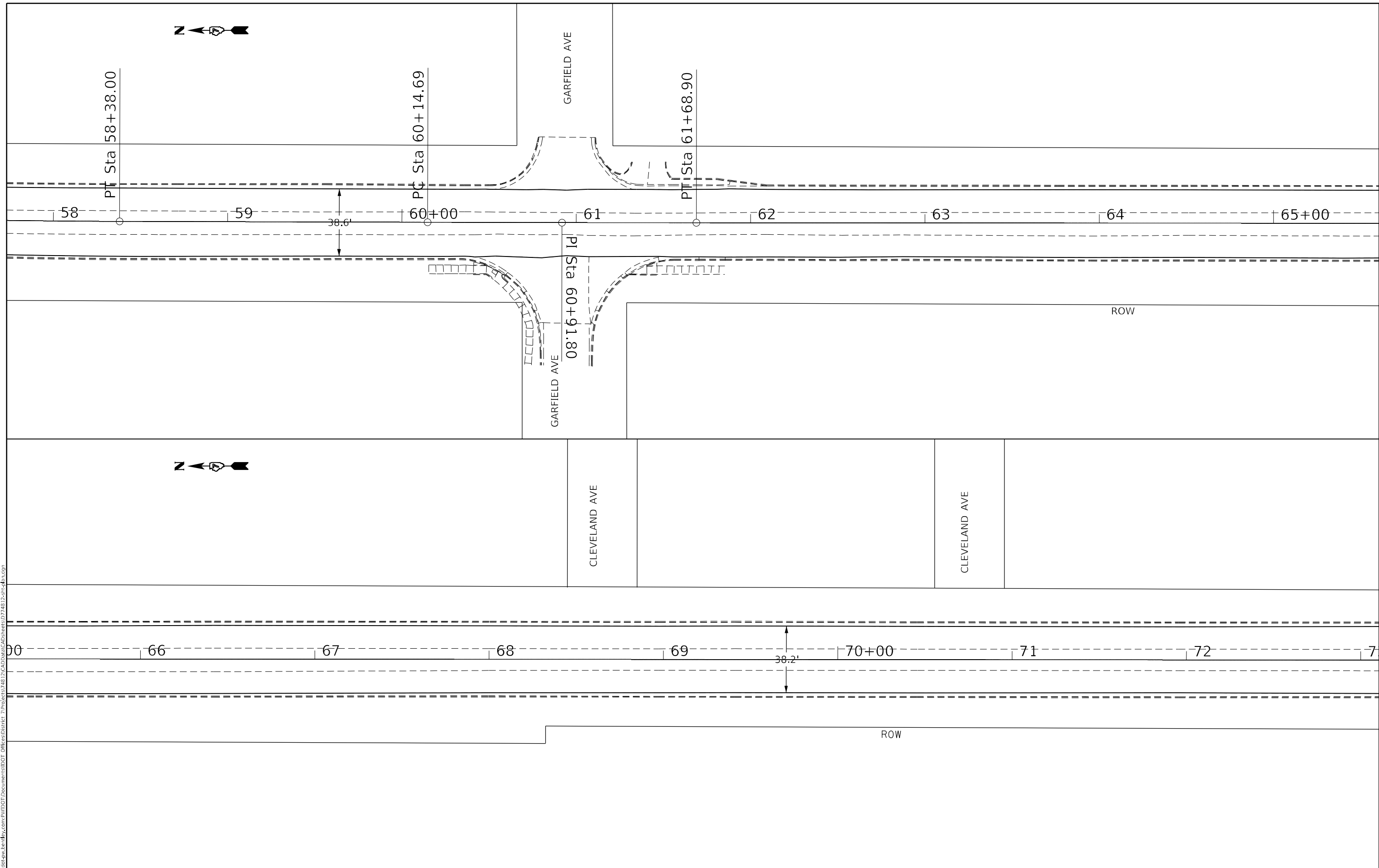
**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	111 RS-7	COLES	74	32
CONTRACT NO. 74812				
ILLINOIS FED. AID PROJECT				



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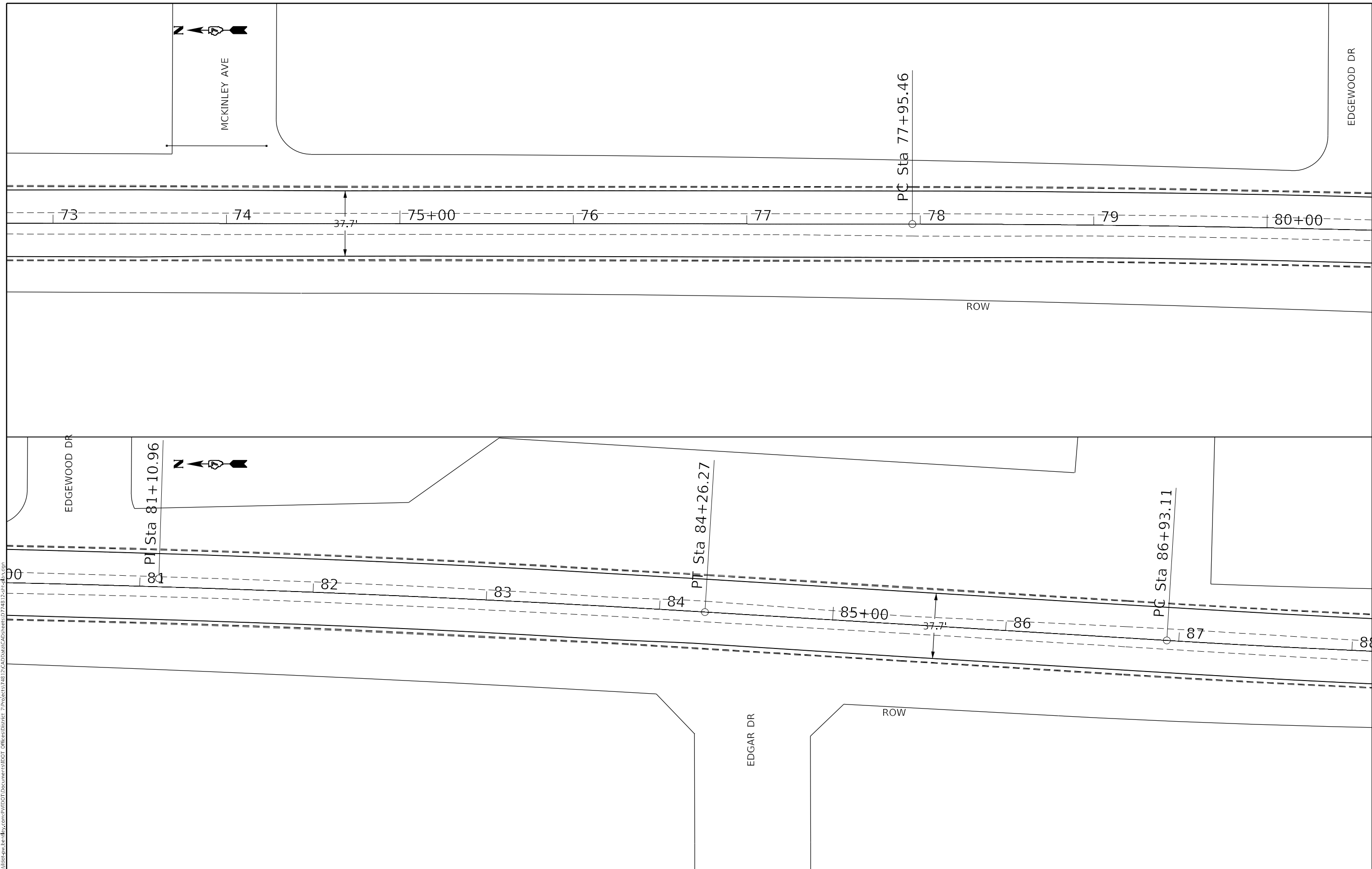
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PLOT DATE = 3/31/2023	DATE -	REVISED -

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

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	111 RS-7	COLES	74	33
CONTRACT NO. 74812				
ILLINOIS FED. AID PROJECT				

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DRAWN -	REVISED -	
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PLOT DATE = 3/31/2023	DATE -	REVISED -

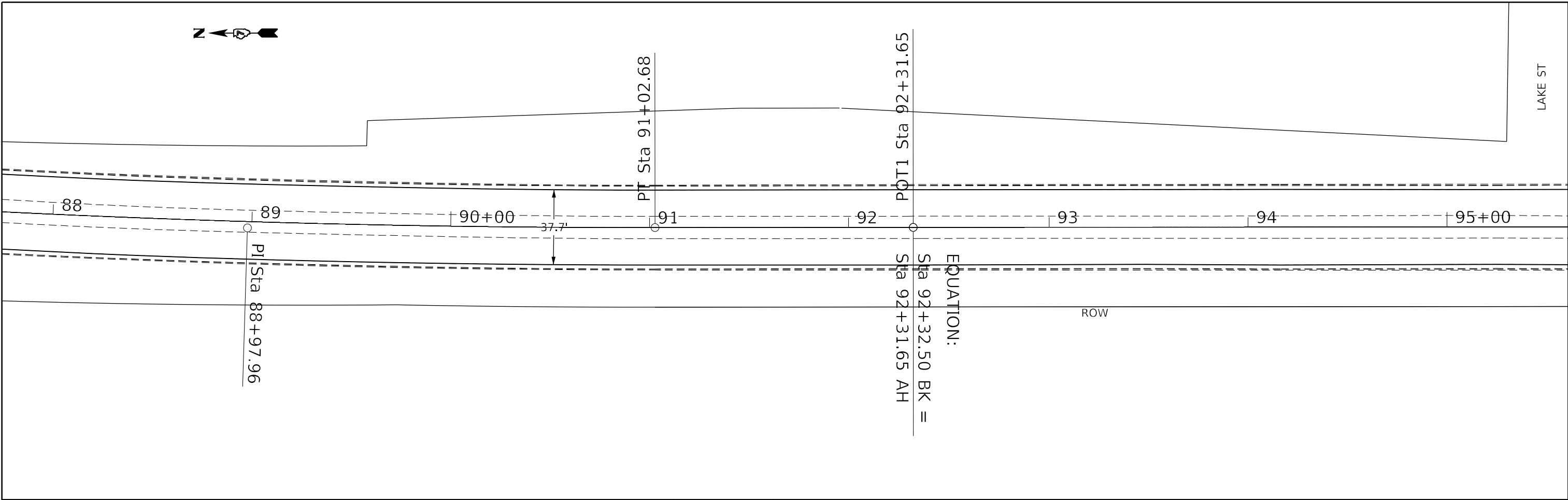
**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

<b>PLAN SHEETS</b>				
SCALE:	SHEET	OF	SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	111 RS-7	COLES	74	34
CONTRACT NO. 74812				
ILLINOIS FED. AID PROJECT				



LAKE ST



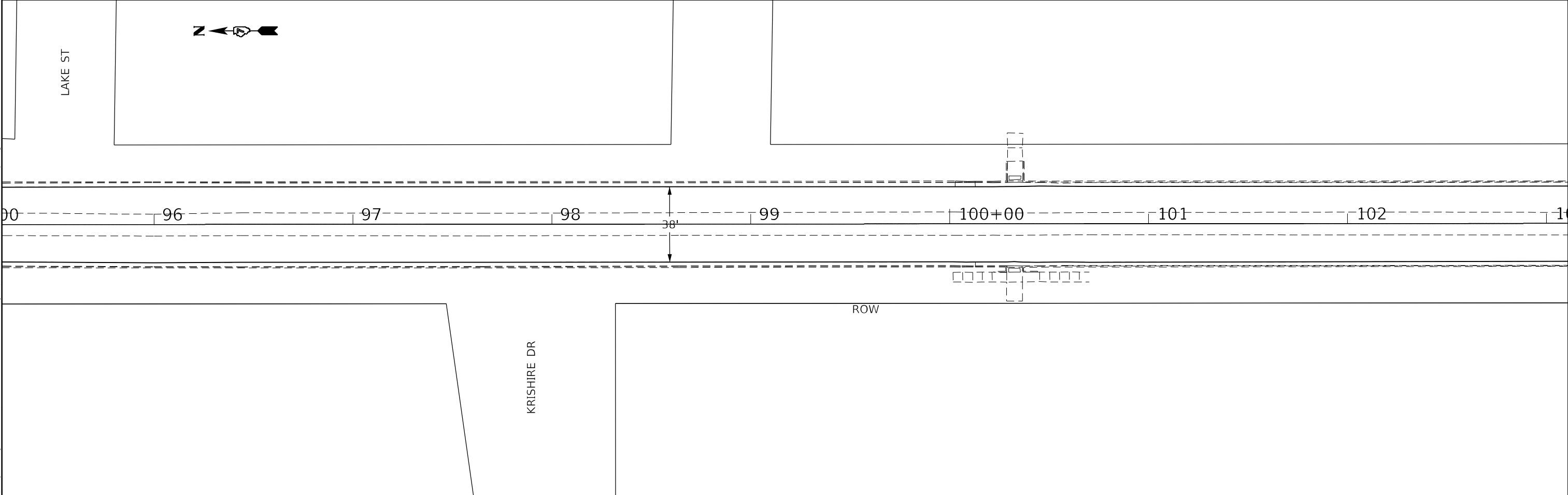
EQUATION:

Sta 92+32.50 BK =  
Sta 92+31.65 AH =

ROW



LAKE ST



ROW

KRISHIRE DR

MODEL: Default  
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	DRAWN -	REVISED -
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PLOT DATE = 3/31/2023	DATE -	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

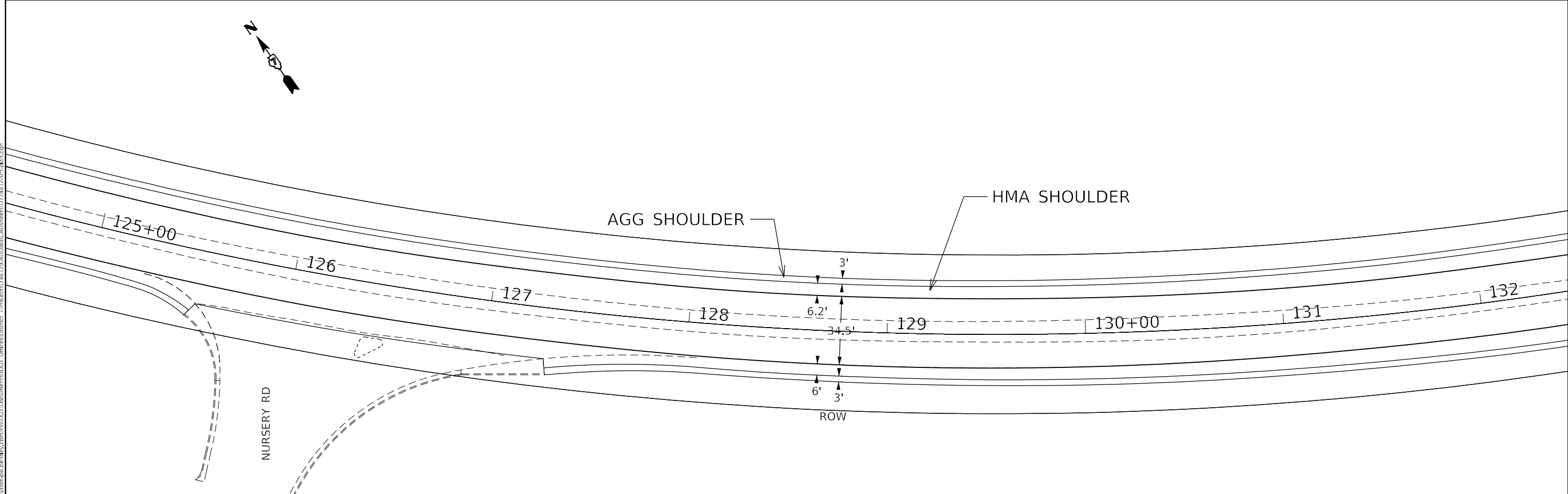
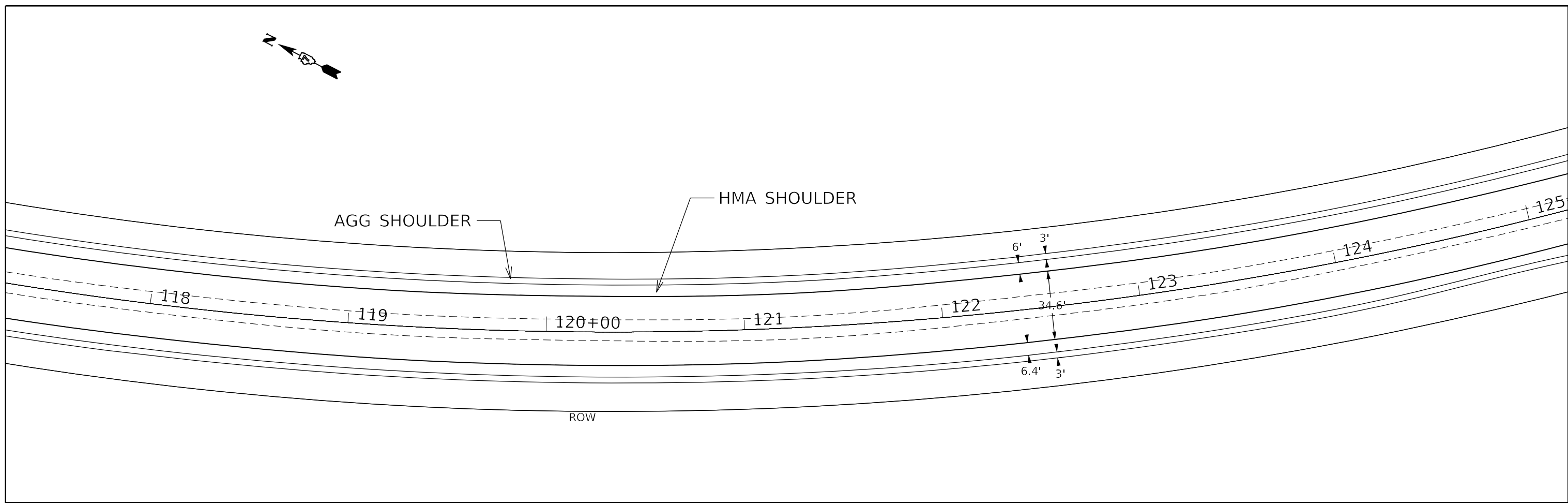
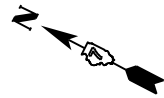
PLAN SHEETS

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	111 RS-7	COLES	74	35
CONTRACT NO. 74812				
ILLINOIS FED. AID PROJECT				

\* FAP 820, FAP 116





MODEL: Default  
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	DATE -	REVISED -

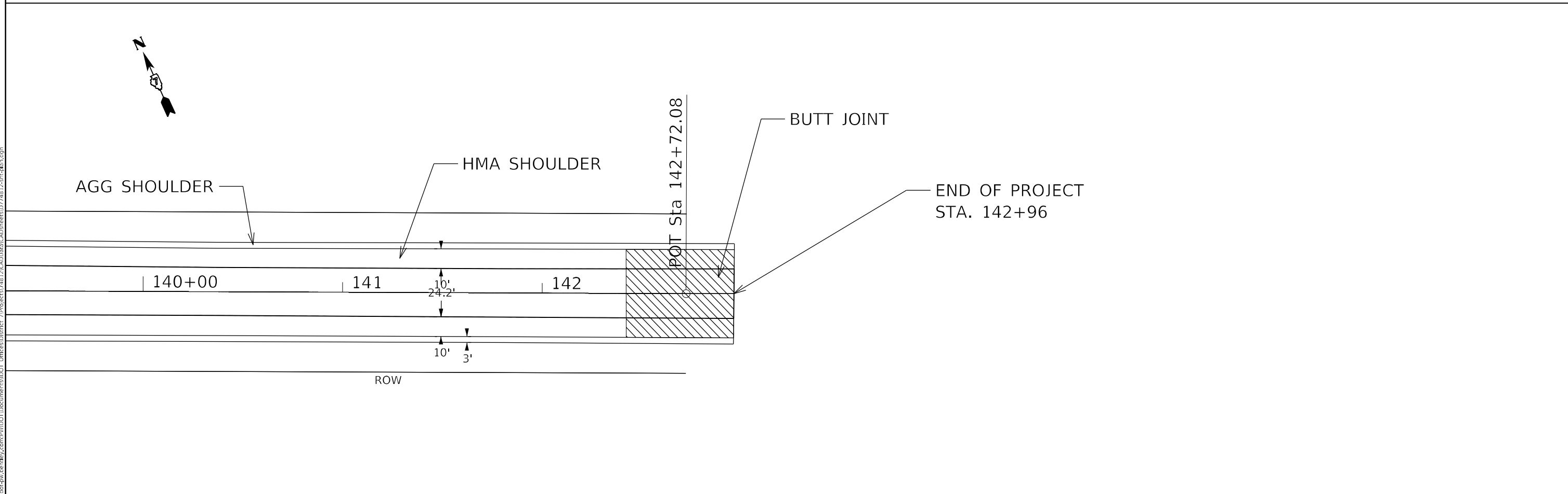
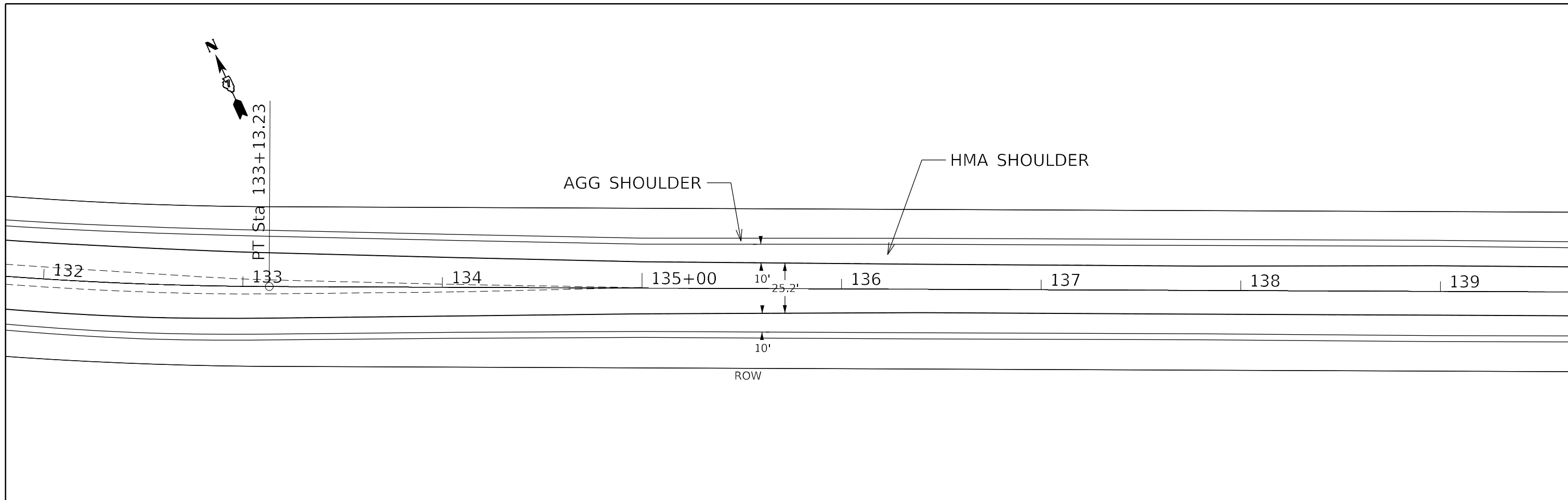
**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

**PLAN SHEETS**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	111 RS-7	COLES	74	37
CONTRACT NO. 74812				
ILLINOIS FED. AID PROJECT				

\* FAP 820, FAP 116



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PLOT DATE = 3/31/2023	CHECKED -	REVISED -
	DATE -	REVISED -

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

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	111 RS-7	COLES	74	38
CONTRACT NO. 74812				
ILLINOIS FED. AID PROJECT				



MODEL: Default  
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	DRAWN -	REVISED -
PLOT SCALE = 10,0000 * / in.	CHECKED -	REVISED -
PLOT DATE = 3/31/2023	DATE -	REVISED -

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

**ADA PLANS**  
**MADISON AVE**

SCALE: SHEET OF SHEETS STA. TO STA.

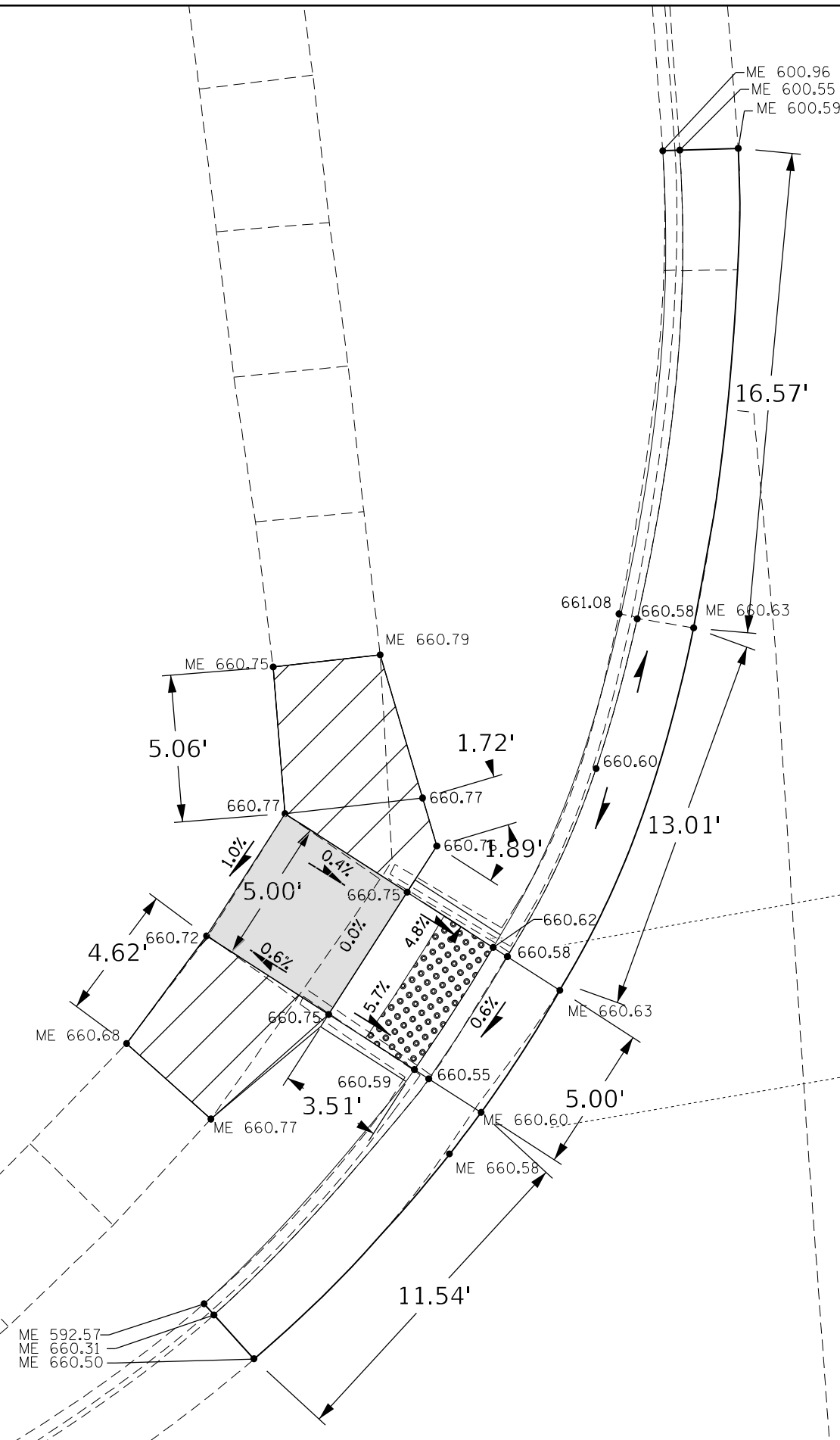
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	111 RS-7	COLES	74	39
CONTRACT NO. 74812				
ILLINOIS FED. AID PROJECT				



MODEL: Default  
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**LEGEND**

- LANDING / TURNING SPACE
- TRANSITION PANEL
- DETECTABLE WARNING
- ME • XXX.XX MATCH EXISTING AT ELEVATION SHOWN
- XXX.XX PROPOSED ELEVATION



USER NAME = Jessica.Hille	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 5,0000' / in.	CHECKED -	REVISED -
PLOT DATE = 3/31/2023	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**MADISON AVE  
NORTHWEST QUADRANT**

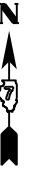
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	111 RS-7	COLES	74	40
CONTRACT NO. 74812				
ILLINOIS FED. AID PROJECT				

SCALE: SHEET OF SHEETS STA. TO STA.

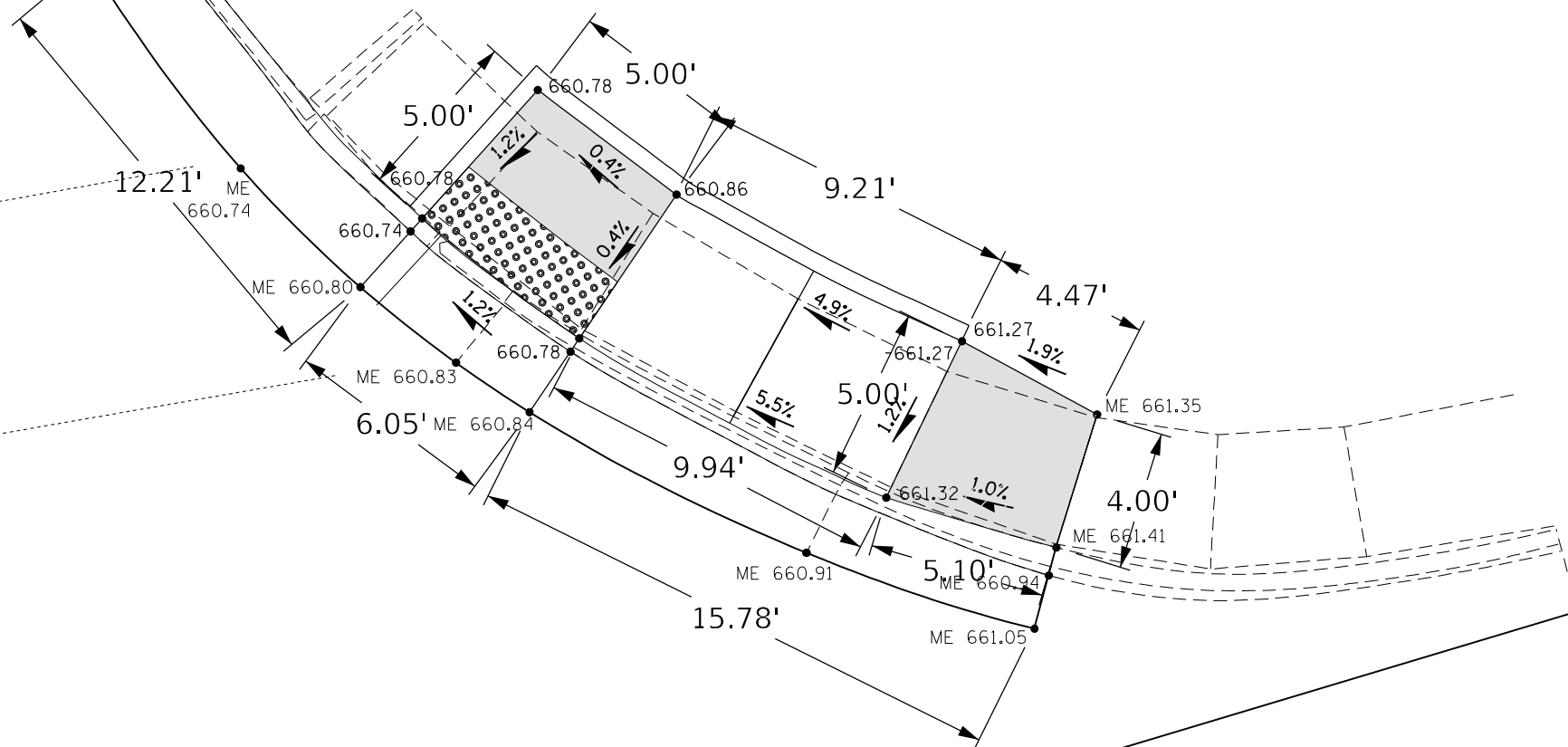


LEGEND

- LANDING / TURNING SPACE
- TRANSITION PANEL
- DETECTABLE WARNING
- ME      MATCH EXISTING AT ELEVATION SHOWN
- XXX.XX      PROPOSED ELEVATION



ME 660.94  
ME 660.48  
ME 660.67



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	DRAWN -	REVISED -
PLOT SCALE = 5,000' / in.	CHECKED -	REVISED -
PLOT DATE = 3/31/2023	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**MADISON AVE  
NORTHEAST QUADRANT**

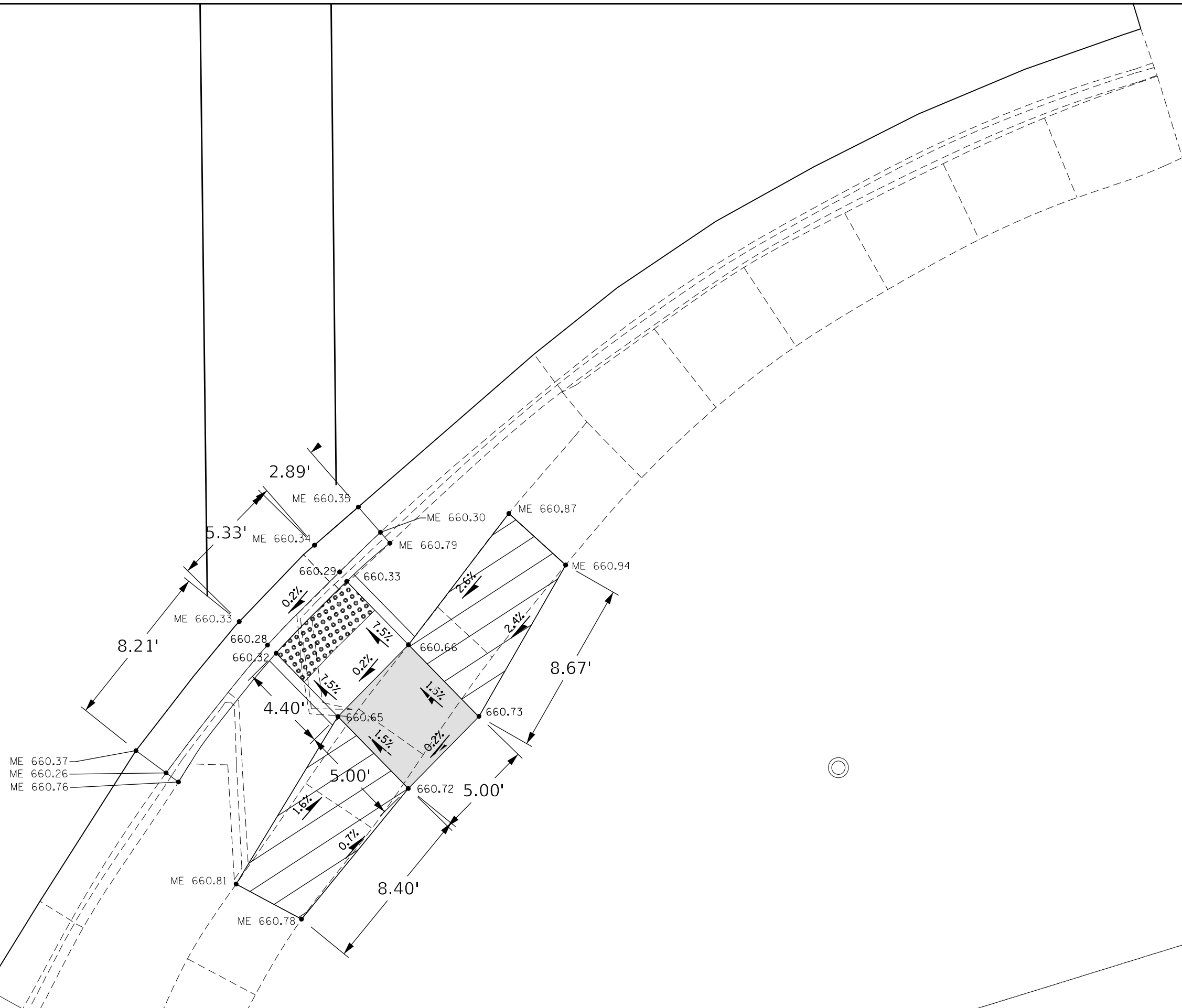
SCALE:      SHEET      OF      SHEETS      STA.      TO      STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
"	111 RS-7	COLES	74	41
CONTRACT NO. 74812				
ILLINOIS FED. AID PROJECT				



**LEGEND**

- LANDING / TURNING SPACE
- TRANSITION PANEL
- DETECTABLE WARNING
- ME     MATCH EXISTING AT
- XXX.XX ELEVATION SHOWN
- XXX.XX PROPOSED ELEVATION



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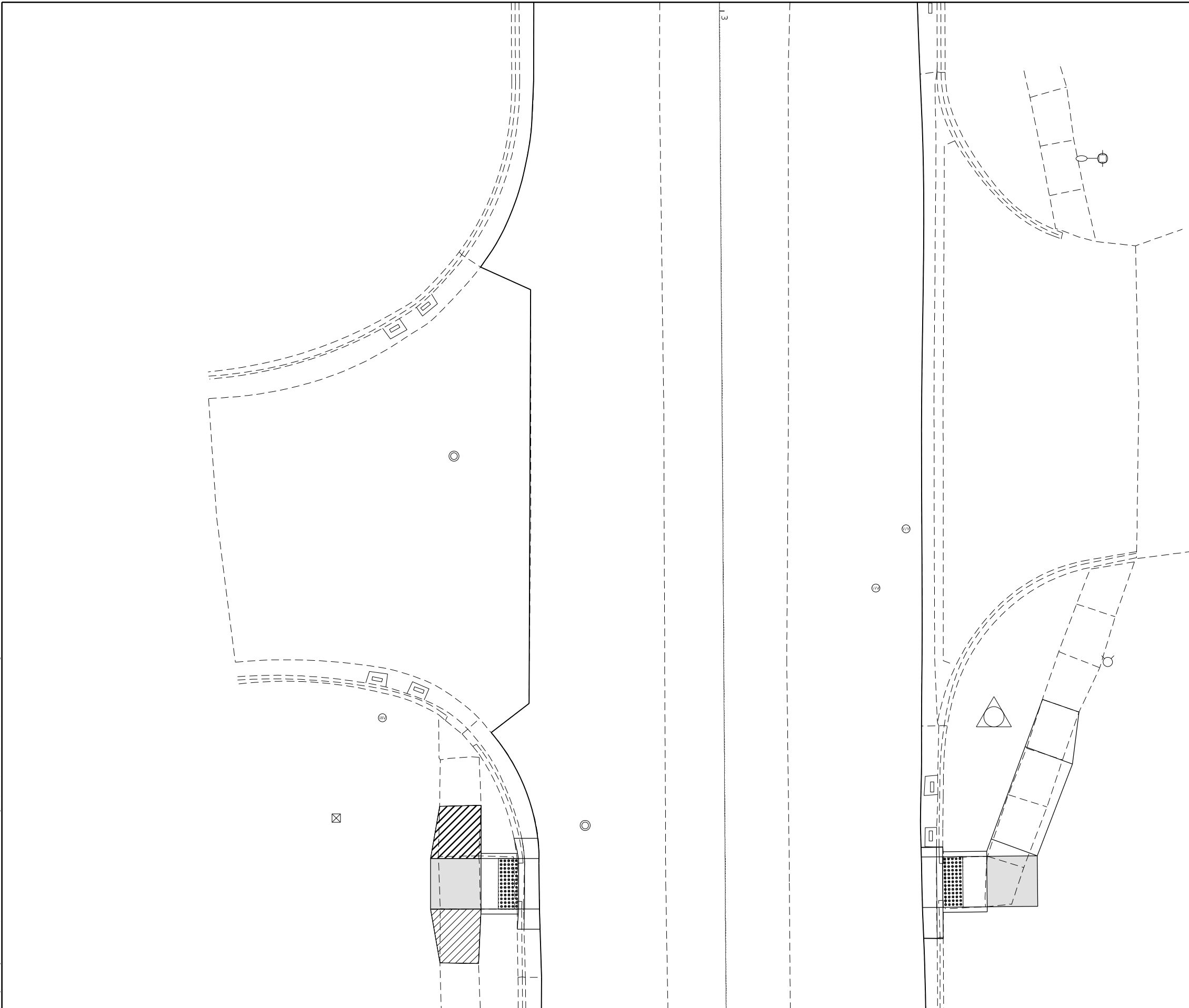
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PLOT DATE = 3/31/2023	DATE -	REVISED -	

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**MADISON AVE  
SOUTHEAST QUADRANT**

SCALE:     SHEET     OF     SHEETS     STA.     TO     STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	111 RS-7	COLES	74	42
CONTRACT NO. 74812				
ILLINOIS FED. AID PROJECT				



MODEL: Default  
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PLOT DATE = 3/31/2023	DATE -	REVISED -




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

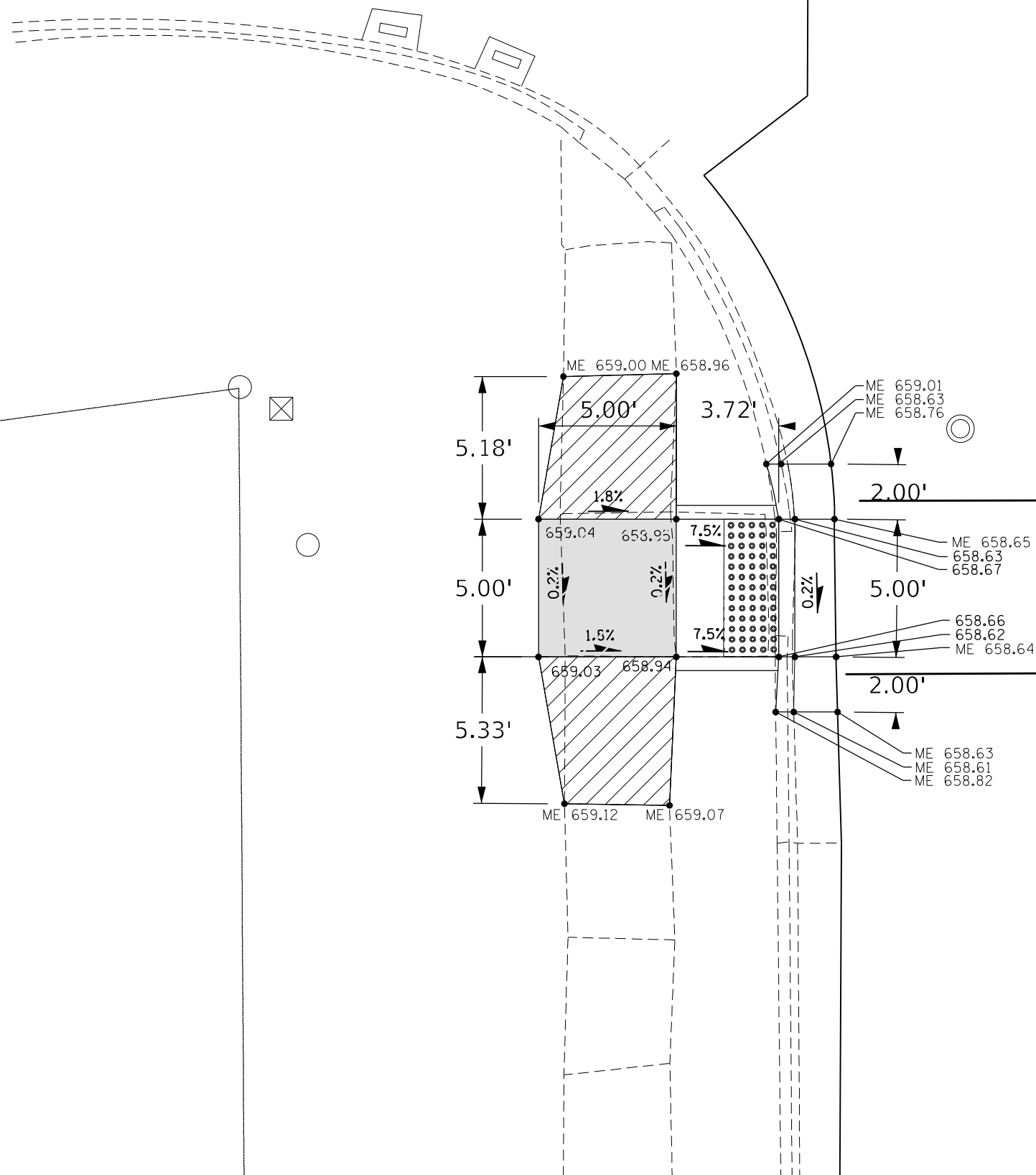
**ADA PLANS**  
**MONROE AVE**

SCALE:      SHEET      OF      SHEETS      STA.      TO      STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7	111 RS-7	COLES	74	43
CONTRACT NO. 74812				
ILLINOIS FED. AID PROJECT				

**LEGEND**

-  LANDING / TURNING SPACE
-  TRANSITION PANEL
-  DETECTABLE WARNING
- ME      MATCH EXISTING AT ELEVATION SHOWN
- XXX.XX      PROPOSED ELEVATION



MODEL: Default  
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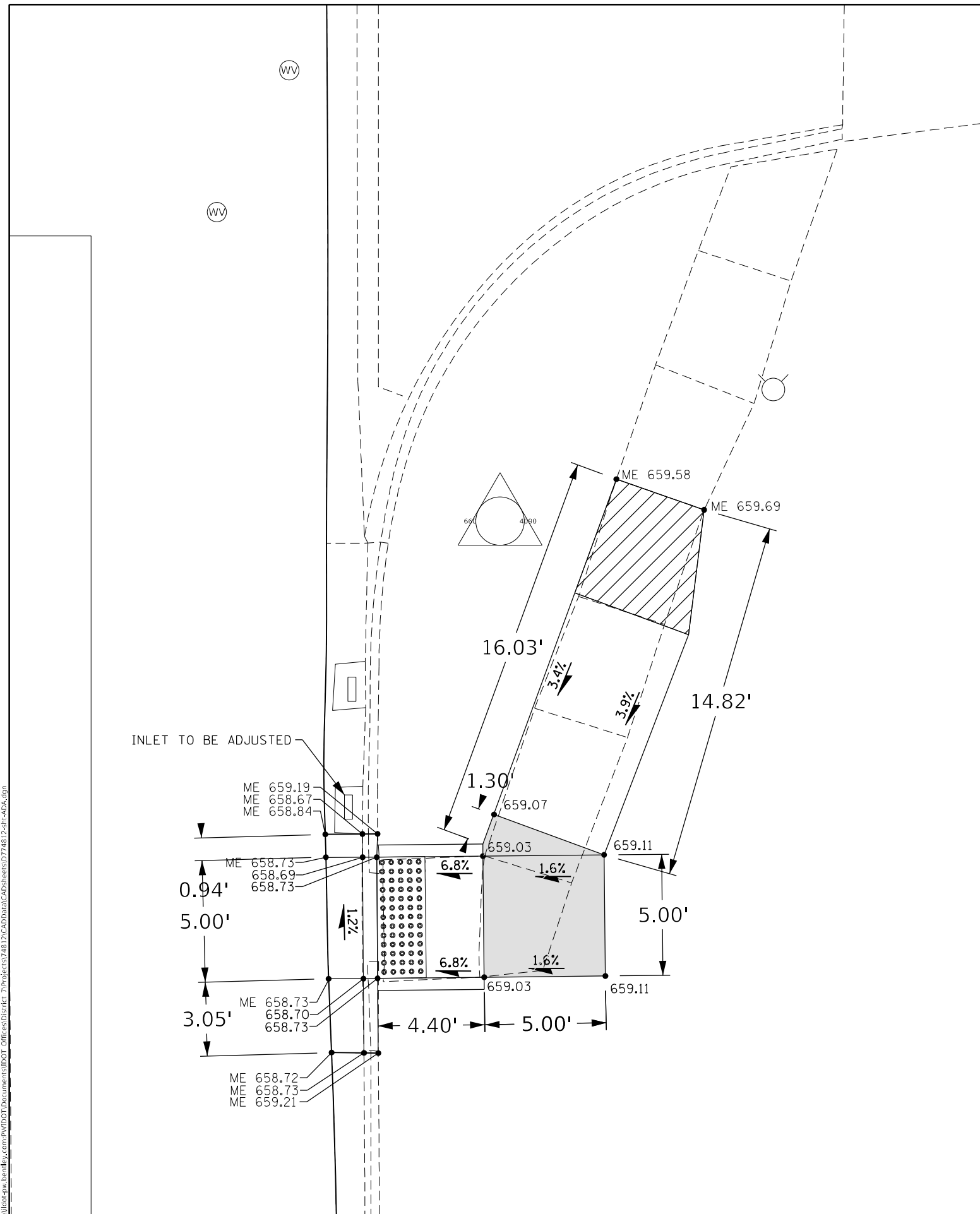
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PLOT DATE = 3/31/2023	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**




**MONROE AVE  
SOUTHWEST QUADRANT**

SCALE:      SHEET      OF      SHEETS      STA.      TO      STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
-	111 RS-7	COLES	74	44
CONTRACT NO. 74812				
ILLINOIS FED. AID PROJECT				



**LEGEND**

-  LANDING / TURNING SPACE
-  TRANSITION PANEL
-  DETECTABLE WARNING
- ME      MATCH EXISTING AT ELEVATION SHOWN
- XXX.XX      PROPOSED ELEVATION

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	DRAWN -	REVISED -
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PLOT DATE = 3/31/2023	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

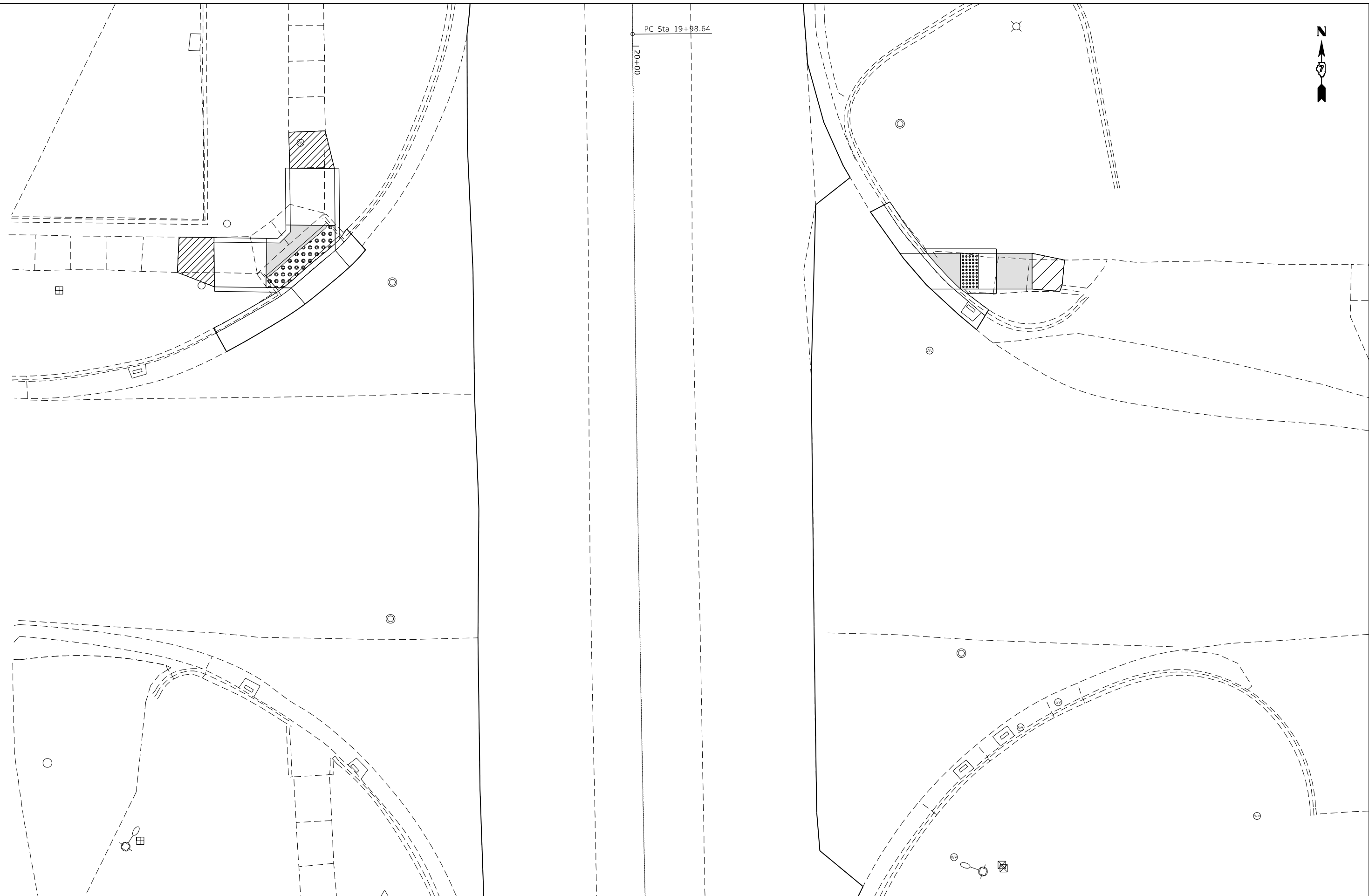
**MONROE AVE  
SOUTHEAST QUADRANT**

SCALE:      SHEET      OF      SHEETS      STA.      TO      STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7	111 RS-7	COLES	74	45
CONTRACT NO. 74812				
ILLINOIS FED. AID PROJECT				



PC Sta 19+98.64  
20+00



MODEL: Default  
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

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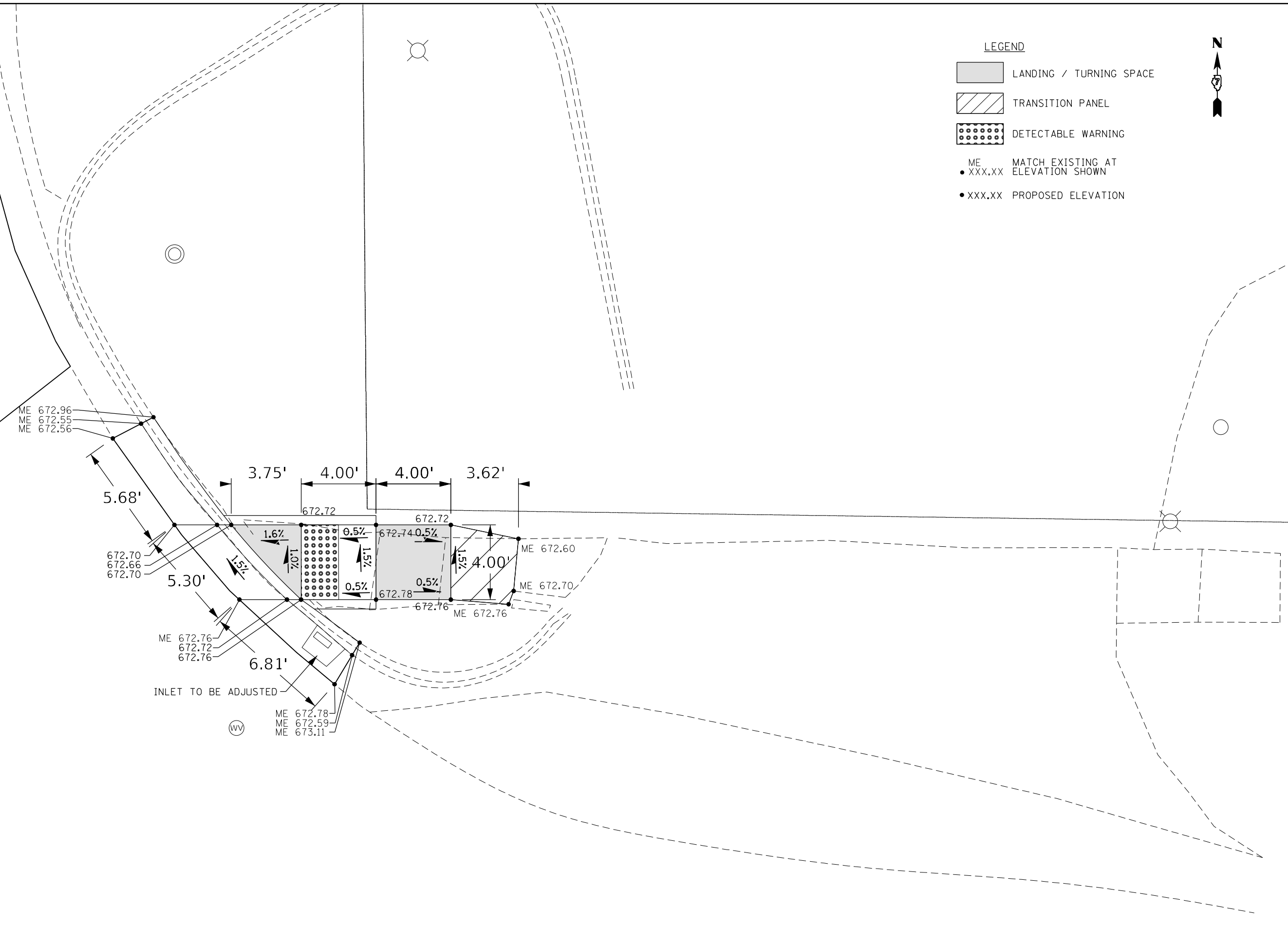
**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

**ADA PLANS**  
**HARRISON AVE**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	111 RS-7	COLES	74	46
CONTRACT NO. 74812				
ILLINOIS FED. AID PROJECT				

- LEGEND**
-  LANDING / TURNING SPACE
  -  TRANSITION PANEL
  -  DETECTABLE WARNING
  - ME     MATCH EXISTING AT ELEVATION SHOWN
  - XXX.XX     ELEVATION SHOWN
  - XXX.XX     PROPOSED ELEVATION



MODEL: Default  
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PLOT DATE = 3/31/2023	DATE -	REVISED -

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

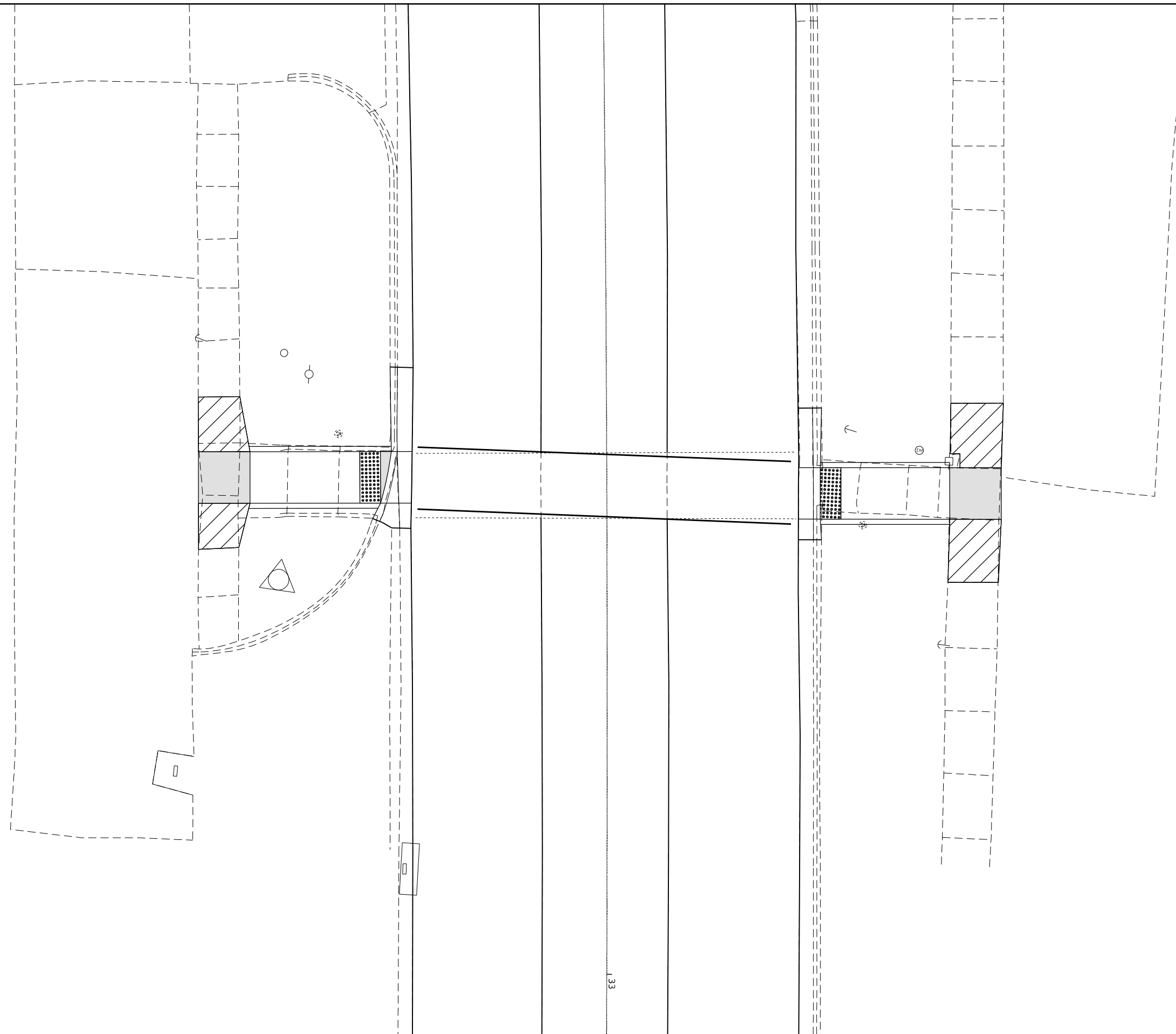
**HARRISON AVE**  
**NORTHEAST QUADRANT**

SCALE:     SHEET     OF     SHEETS     STA.     TO     STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
-	111 RS-7	COLES	74	47
CONTRACT NO. 74812				
ILLINOIS FED. AID PROJECT				







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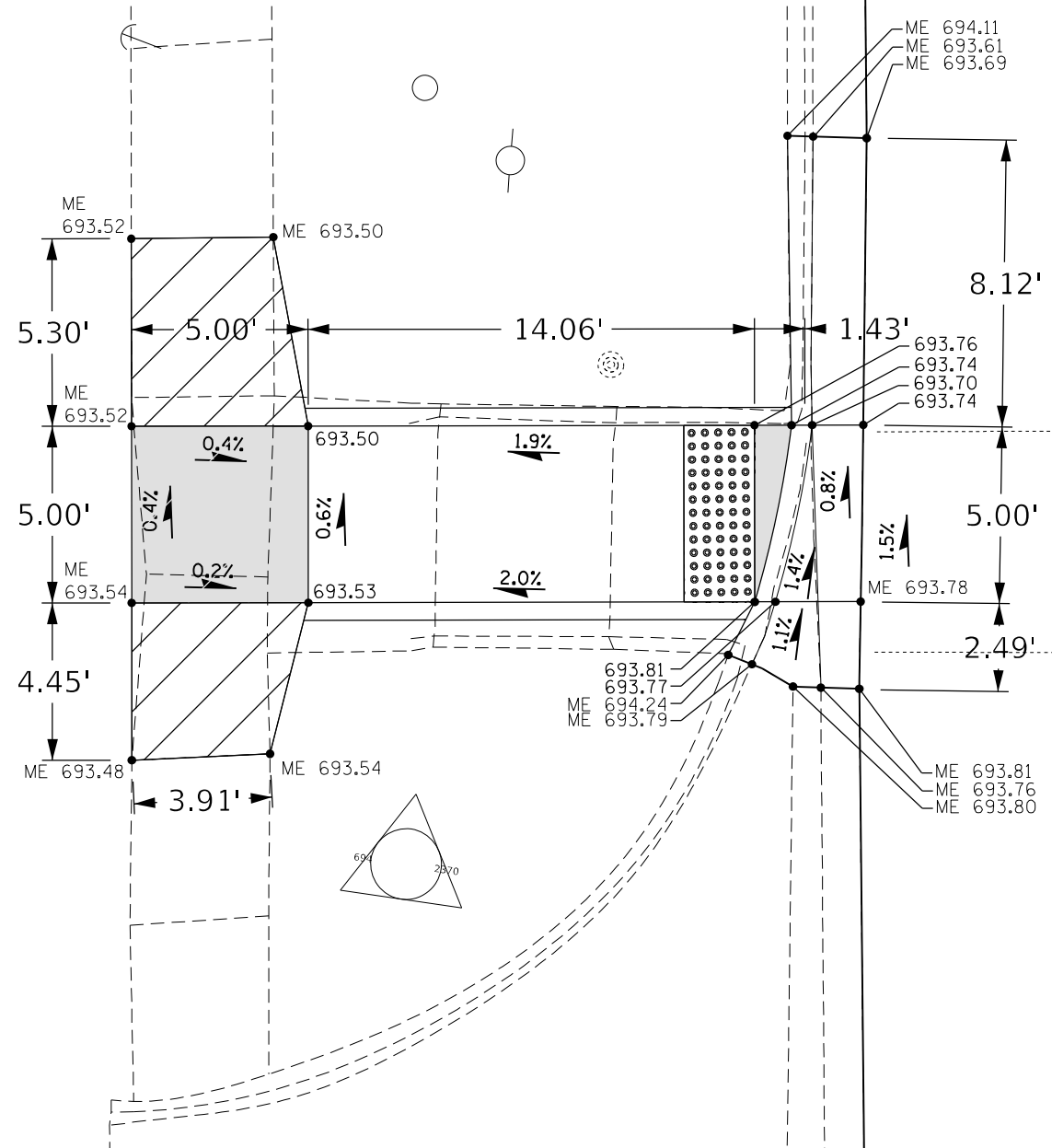
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PLOT DATE = 3/31/2023	DATE -	REVISED -




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

**ADA PLAN**  
**MID-BLOCK CROSSING**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	111 RS-7	COLES	74	49
CONTRACT NO. 74812				
ILLINOIS FED. AID PROJECT				



-  LANDING / TURNING SPACE
-  TRANSITION PANEL
-  DETECTABLE WARNING
- ME      MATCH EXISTING AT ELEVATION SHOWN
- XXX.XX      PROPOSED ELEVATION

MODEL: Default  
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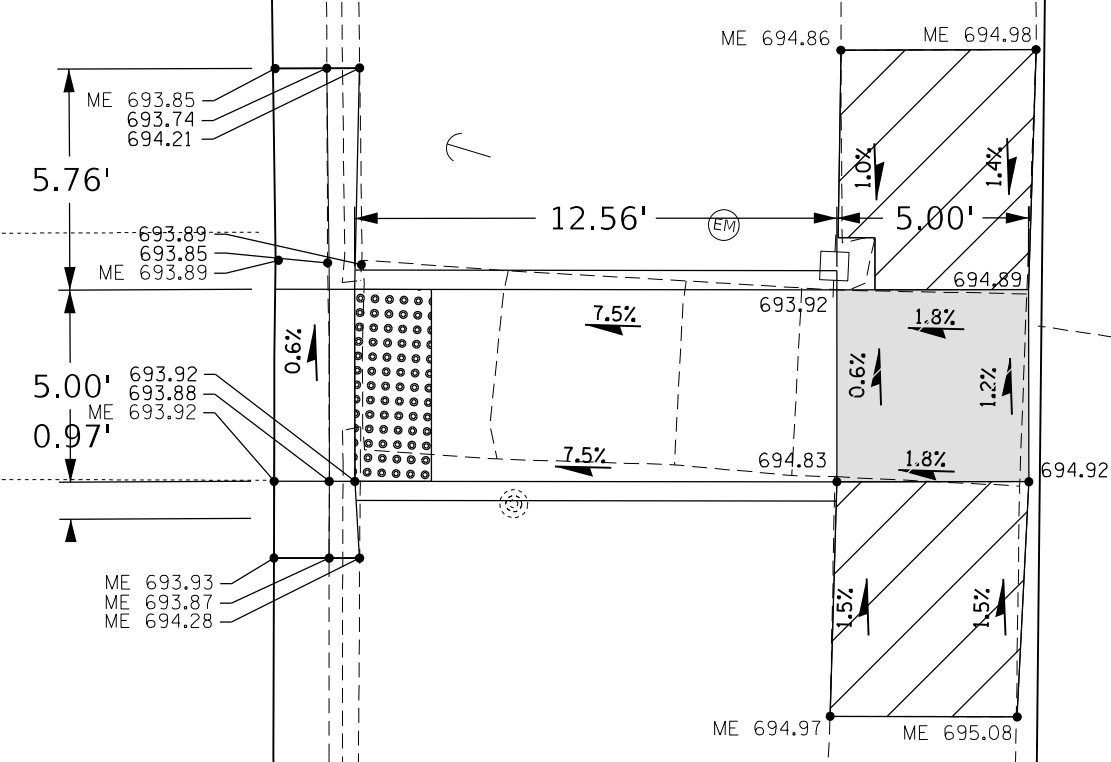
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PLOT SCALE = 5,000' / in.	CHECKED -	REVISED -
PLOT DATE = 3/31/2023	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**MID-BLOCK CROSSING  
WEST SIDE**

SCALE:      SHEET      OF      SHEETS      STA.      TO      STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7	111 RS-7	COLES	74	50
CONTRACT NO. 74812				
ILLINOIS FED. AID PROJECT				



MODEL: Default  
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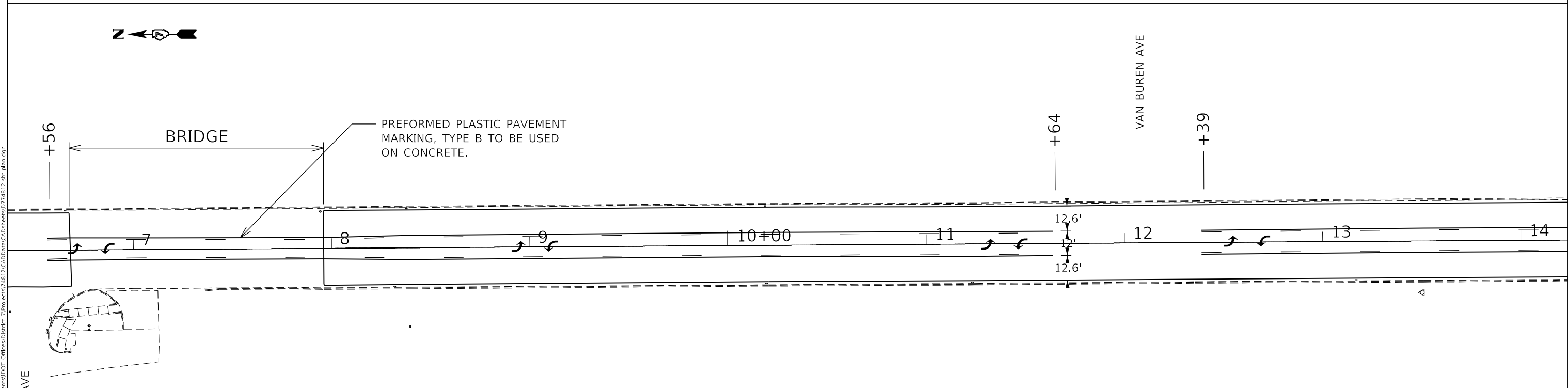
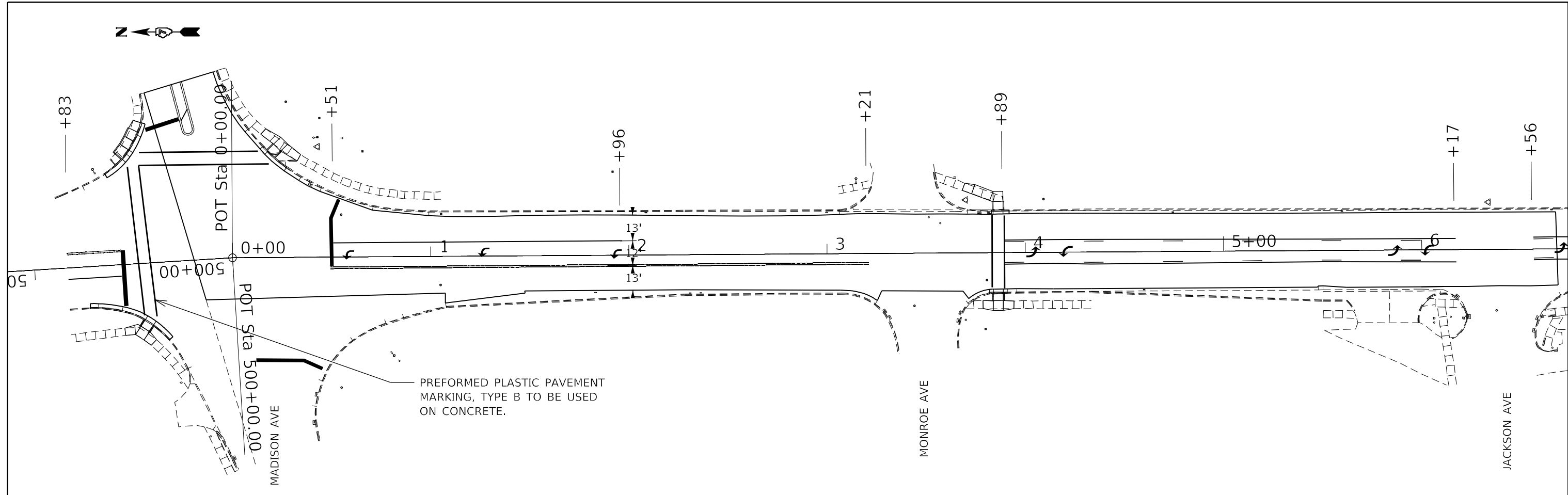
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PLOT DATE = 3/31/2023	DATE -	REVISED -

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

**MID-BLOCK CROSSING**  
**EAST SIDE**

SCALE:      SHEET      OF      SHEETS      STA.      TO      STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7	111 RS-7	COLES	74	51
CONTRACT NO. 74812				
ILLINOIS FED. AID PROJECT				



**NOTE:**  
 ALL PAVEMENT MARKINGS FOLLOW THE DISTRICT 7  
 DETAIL NO. 78000001 "PAVEMENT MARKING AND  
 RAISED REFLECTIVE PAVEMENT MARKERS (RURAL &  
 URBAN APPLICATIONS)," UNLESS OTHERWISE SHOWN.

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**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

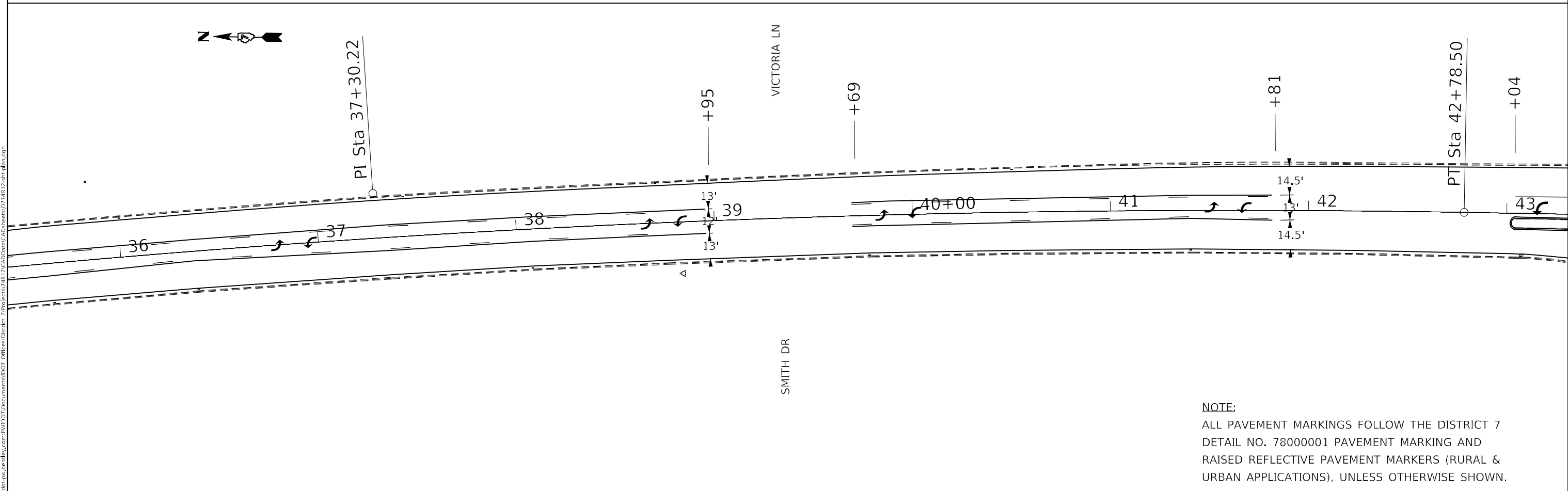
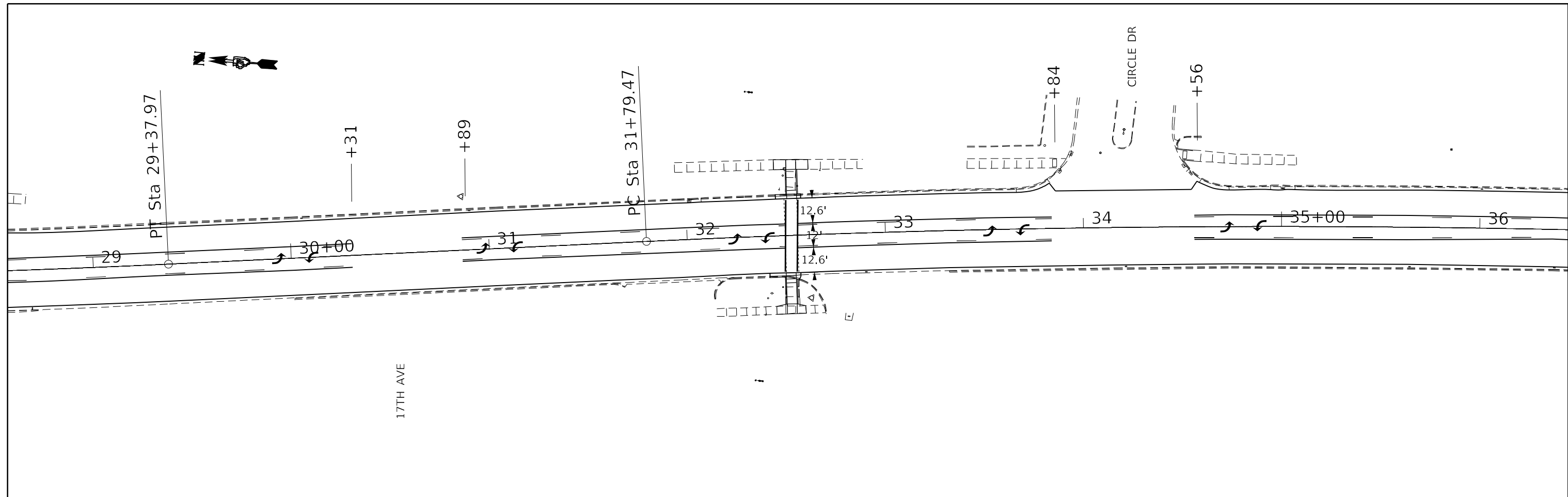
**PAVEMENT MARKING SHEETS**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	111 RS-7	COLES	74	52
CONTRACT NO. 74812				
ILLINOIS FED. AID PROJECT				

\* FAP 820, FAP 116





**NOTE:**  
 ALL PAVEMENT MARKINGS FOLLOW THE DISTRICT 7  
 DETAIL NO. 78000001 PAVEMENT MARKING AND  
 RAISED REFLECTIVE PAVEMENT MARKERS (RURAL &  
 URBAN APPLICATIONS), UNLESS OTHERWISE SHOWN.

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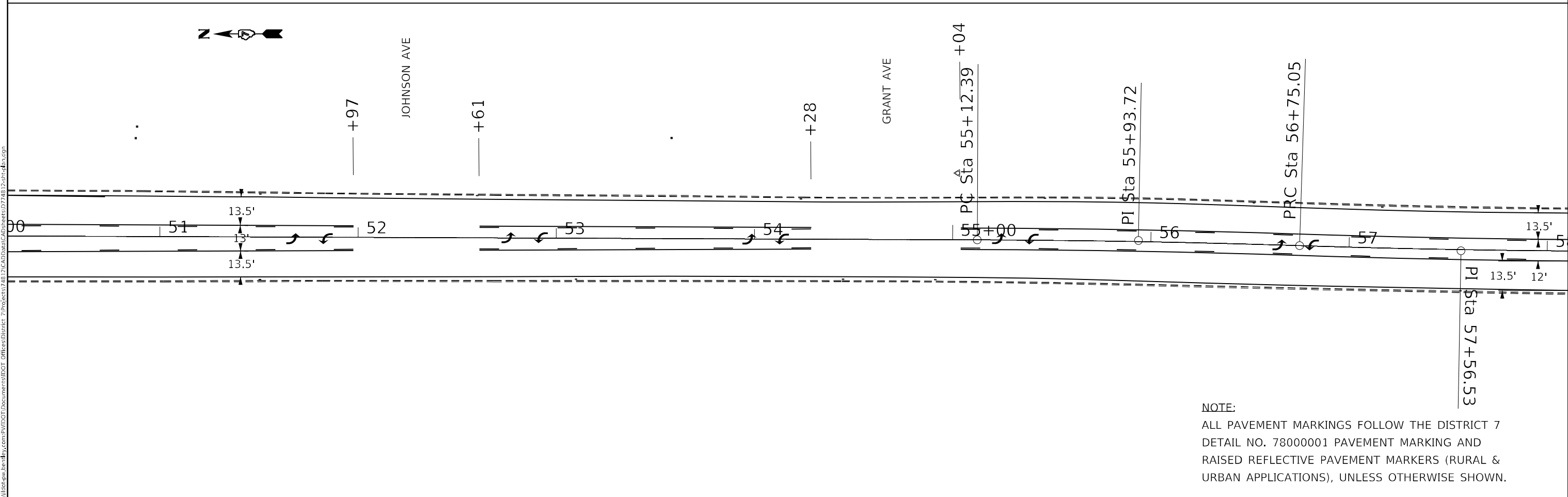
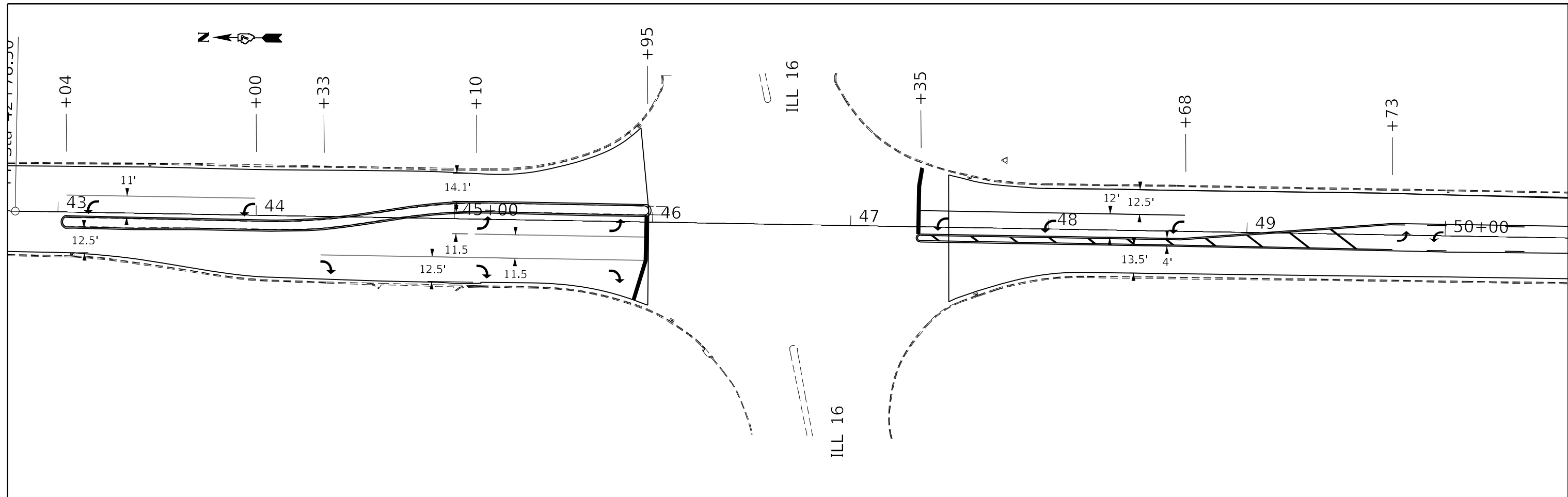
**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**PAVEMENT MARKING SHEETS**

SCALE: SHEET OF SHEETS STA. TO STA.

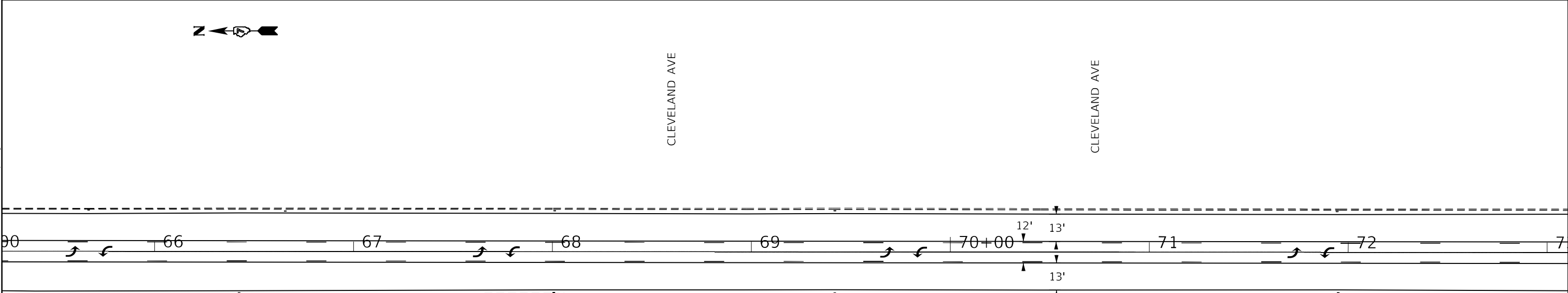
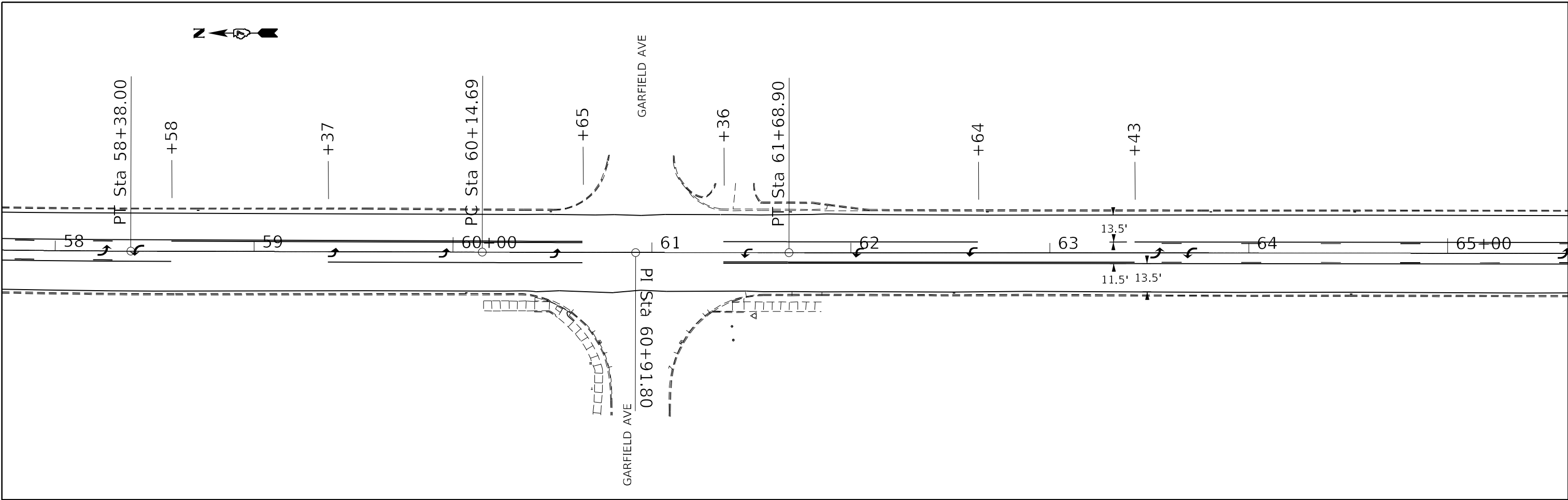
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	111 RS-7	COLES	74	54
CONTRACT NO. 74812				
ILLINOIS FED. AID PROJECT				

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**NOTE:**  
 ALL PAVEMENT MARKINGS FOLLOW THE DISTRICT 7  
 DETAIL NO. 78000001 PAVEMENT MARKING AND  
 RAISED REFLECTIVE PAVEMENT MARKERS (RURAL &  
 URBAN APPLICATIONS), UNLESS OTHERWISE SHOWN.

USER NAME = Jessica.Hille PLOT SCALE = 50,0000 * / in. PLOT DATE = 3/31/2023	DESIGNED - DRAWN - CHECKED - DATE -	REVISED - REVISED - REVISED - REVISED -	<b>STATE OF ILLINOIS          DEPARTMENT OF TRANSPORTATION</b>	<b>PAVEMENT MARKING SHEETS</b>	F.A.P. RTE. * SECTION 111 RS-7 COUNTY COLES TOTAL SHEETS 74 SHEET NO. 55 CONTRACT NO. 74812 ILLINOIS FED. AID PROJECT
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**NOTE:**  
 ALL PAVEMENT MARKINGS FOLLOW THE DISTRICT 7  
 DETAIL NO. 78000001 PAVEMENT MARKING AND  
 RAISED REFLECTIVE PAVEMENT MARKERS (RURAL &  
 URBAN APPLICATIONS), UNLESS OTHERWISE SHOWN.

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**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**PAVEMENT MARKING SHEETS**

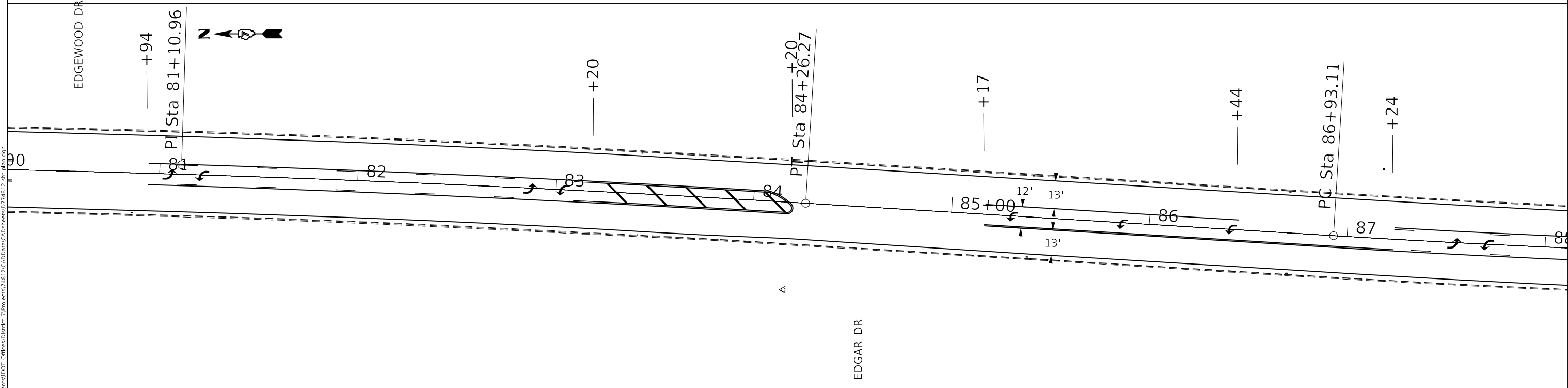
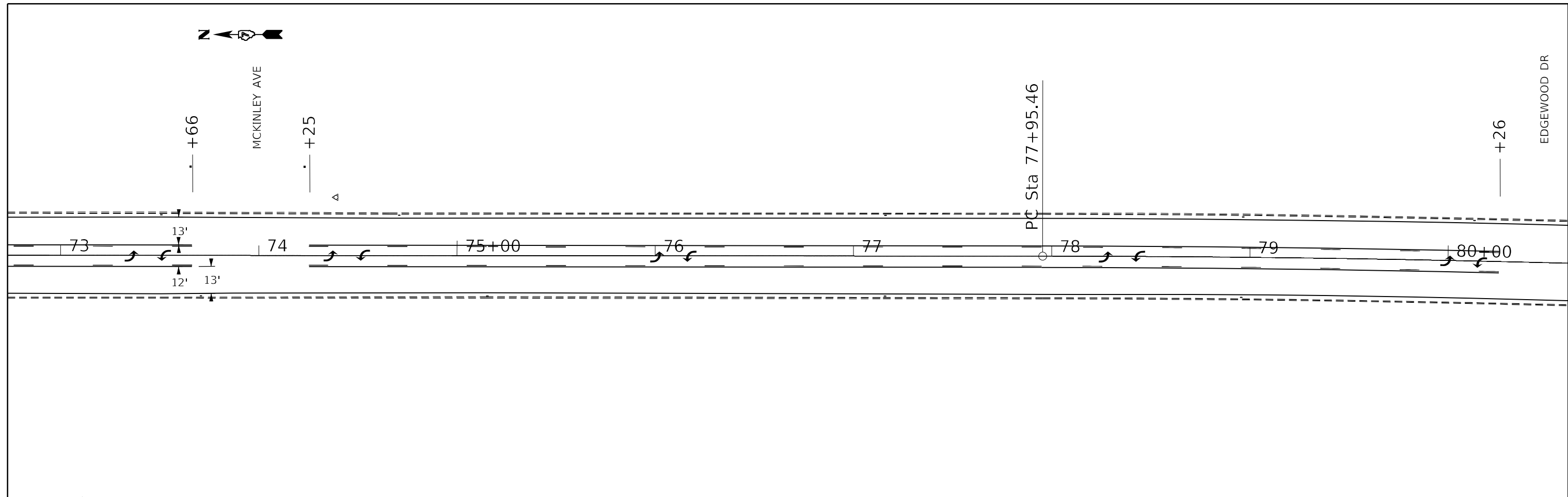
SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	111 RS-7	COLES	74	56
CONTRACT NO. 74812				
ILLINOIS FED. AID PROJECT				

\* FAP 820, FAP 116



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**NOTE:**  
 ALL PAVEMENT MARKINGS FOLLOW THE DISTRICT 7  
 DETAIL NO. 78000001 PAVEMENT MARKING AND  
 RAISED REFLECTIVE PAVEMENT MARKERS (RURAL &  
 URBAN APPLICATIONS), UNLESS OTHERWISE SHOWN.

USER NAME = Jessica.Hille	DESIGNED -	REVISED -
DRAWN -	REVISOR -	
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PLOT DATE = 3/31/2023	DATE -	REVISED -

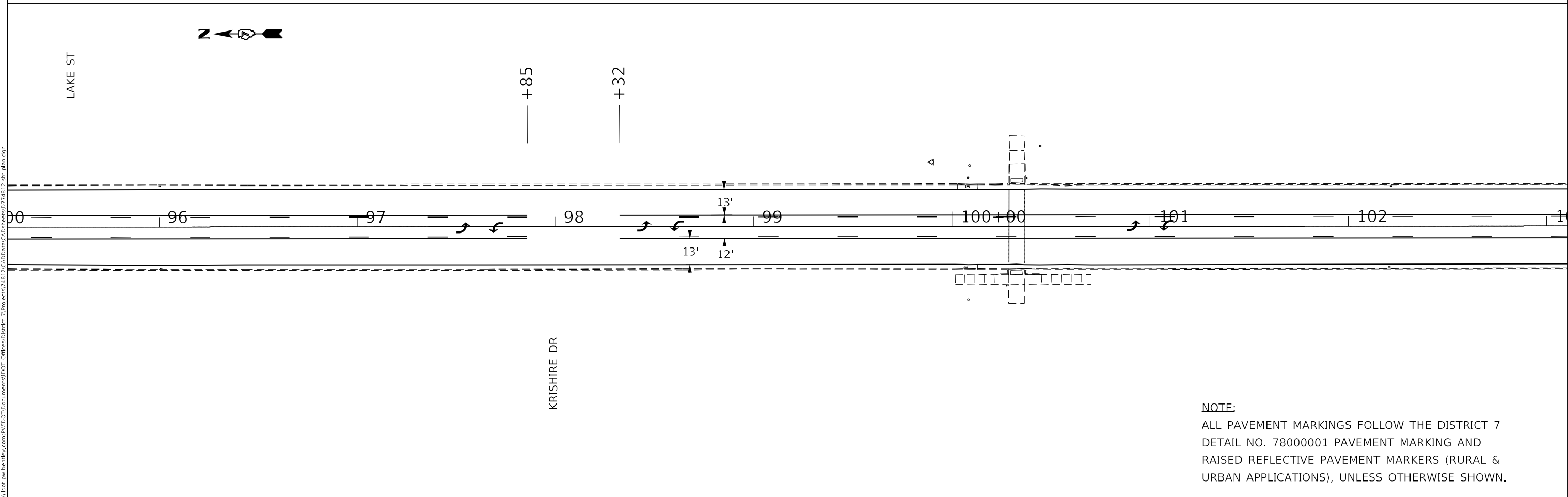
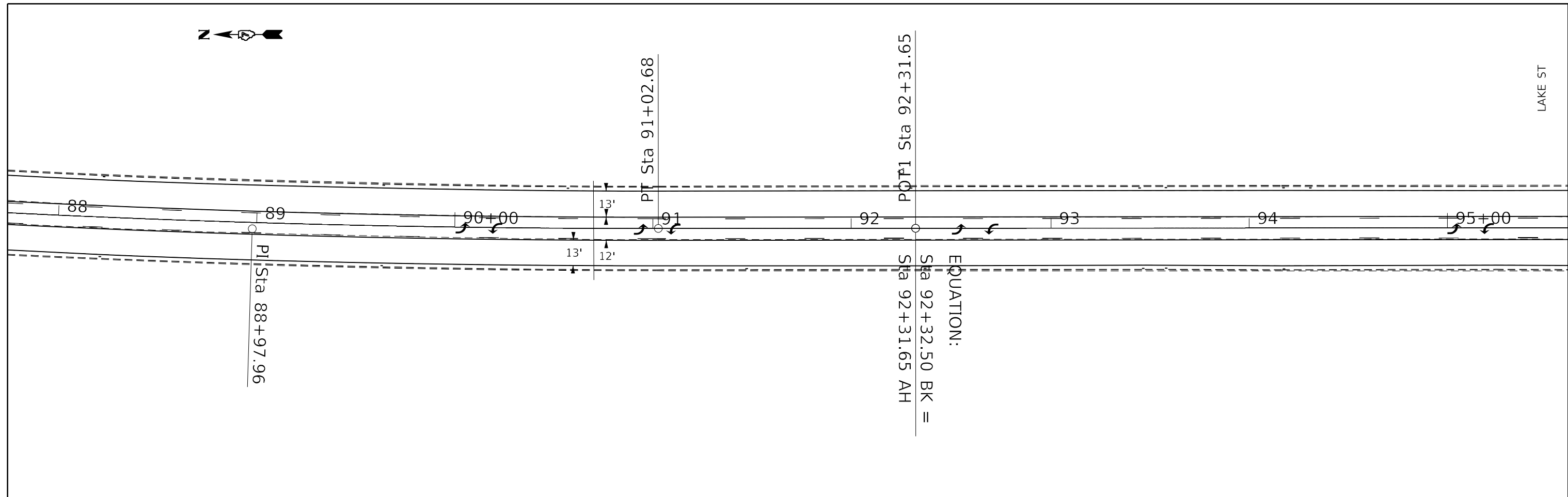
**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**PAVEMENT MARKING SHEETS**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	111 RS-7	COLES	74	57
CONTRACT NO. 74812				
ILLINOIS FED. AID PROJECT				

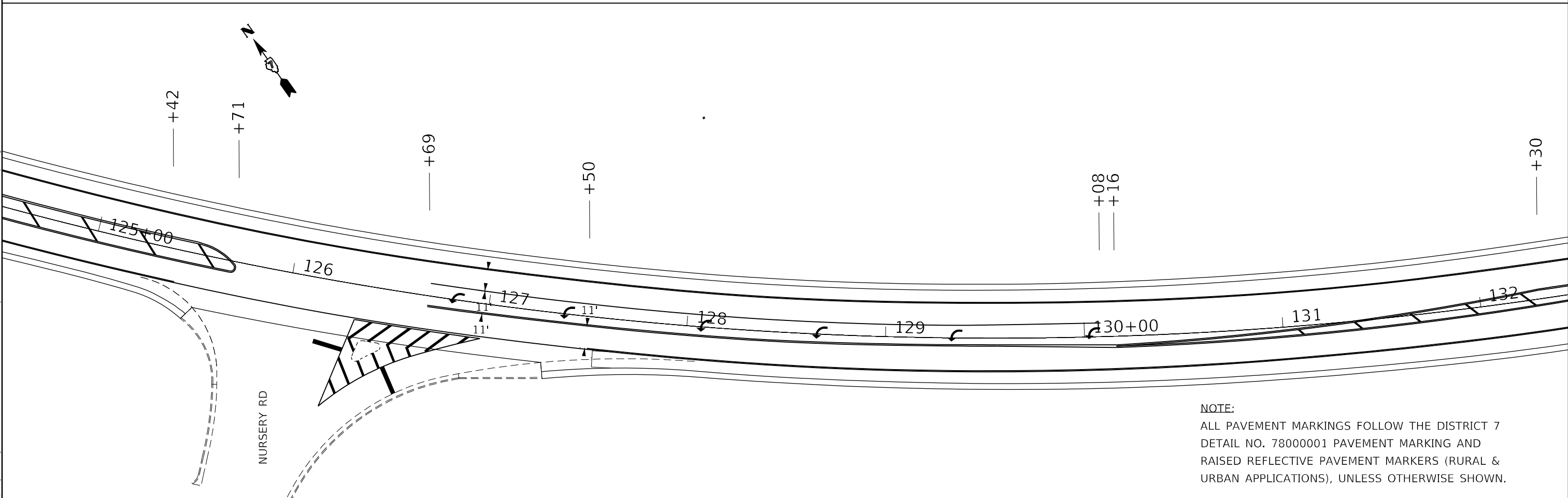
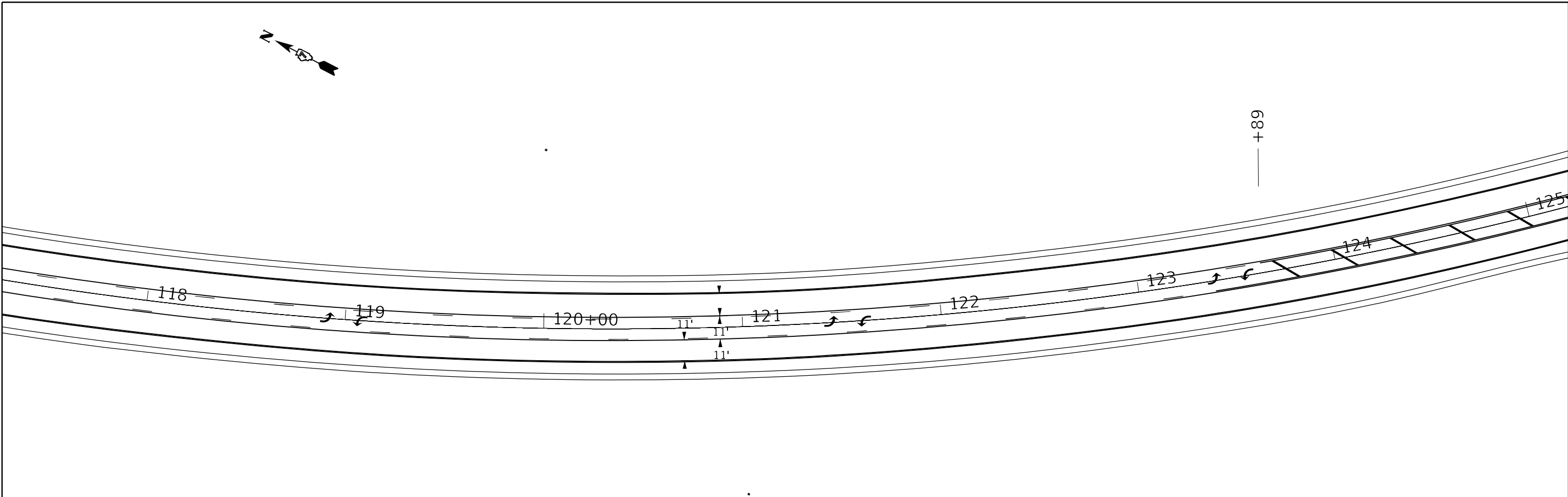
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 PROJECT: 74812



**NOTE:**  
 ALL PAVEMENT MARKINGS FOLLOW THE DISTRICT 7  
 DETAIL NO. 78000001 PAVEMENT MARKING AND  
 RAISED REFLECTIVE PAVEMENT MARKERS (RURAL &  
 URBAN APPLICATIONS), UNLESS OTHERWISE SHOWN.

	USER NAME = Jessica.Hille	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>PAVEMENT MARKING SHEETS</b>				F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
		DRAWN -	REVISED -		SCALE:	SHEET	OF	SHEETS	STA.	TO STA.	ILLINOIS	FED. AID PROJECT	74	58
	PLOT SCALE = 50,0000 * / in.	CHECKED -	REVISED -								CONTRACT NO. 74812			
	PLOT DATE = 3/31/2023	DATE -	REVISED -											





**NOTE:**  
 ALL PAVEMENT MARKINGS FOLLOW THE DISTRICT 7  
 DETAIL NO. 78000001 PAVEMENT MARKING AND  
 RAISED REFLECTIVE PAVEMENT MARKERS (RURAL &  
 URBAN APPLICATIONS), UNLESS OTHERWISE SHOWN.

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USER NAME = Jessica.Hille	DESIGNED -	REVISED -
PLOT SCALE = 50,0000 ' / in.	DRAWN -	REVISED -
PLOT DATE = 3/31/2023	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

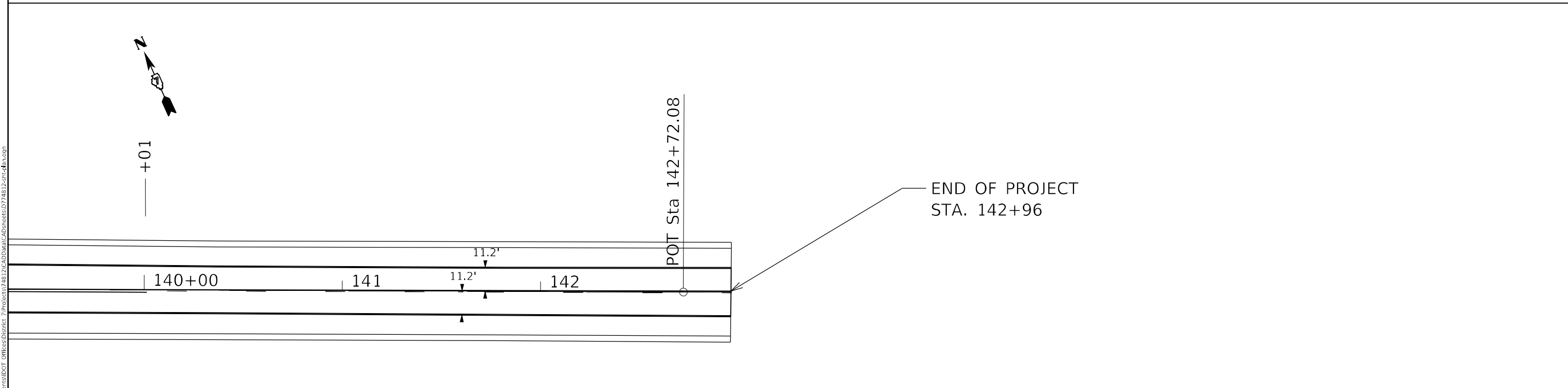
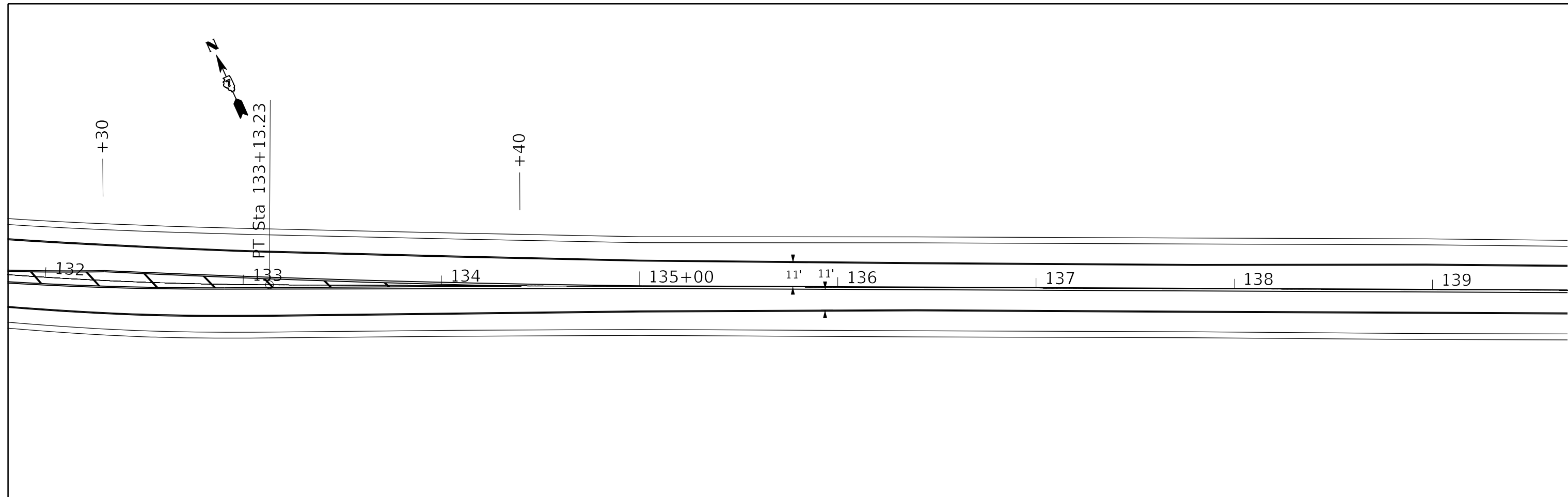
**PAVEMENT MARKING SHEETS**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	111 RS-7	COLES	74	60
CONTRACT NO. 74812				
ILLINOIS FED. AID PROJECT				

\* FAP 820, FAP 116

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END OF PROJECT  
STA. 142+96

**NOTE:**  
 ALL PAVEMENT MARKINGS FOLLOW THE DISTRICT 7  
 DETAIL NO. 78000001 PAVEMENT MARKING AND  
 RAISED REFLECTIVE PAVEMENT MARKERS (RURAL &  
 URBAN APPLICATIONS), UNLESS OTHERWISE SHOWN.

USER NAME = Jessica.Hille	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>PAVEMENT MARKING SHEETS</b>				F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
DRAWN -	REVISIED -			SCALE:	SHEET	OF	SHEETS	STA.	TO STA.	111 RS-7	COLES	74 61
PLOT SCALE = 50,0000 ' / in.	CHECKED -	REVISIED -			CONTRACT NO. 74812							
PLOT DATE = 3/31/2023	DATE -	REVISIED -			ILLINOIS FED. AID PROJECT							

GENERAL NOTES

THIS PROJECT IS LOCATED MIDWAY BETWEEN CIRCLE DR AND 17TH ST ALONG RT 130 IN CHARLESTON, COLES COUNTY. THE WORK INCLUDED IN THIS SECTION CONSISTS OF INSTALLING POST MOUNTED SIGNS WITH RRFB BEACONS, PEDESTRIAN PUSH BUTTONS, RADAR SPEED SIGNS AND ALL OTHER WORK NECESSARY TO COMPLETE THIS SECTION.

THE LOCATION OF ALL FLASHING BEACON COMPONENTS AS SHOWN ON THE PLANS ARE APPROXIMATE ONLY. THE FINAL LOCATION SHALL BE DETERMINED BY THE ENGINEER IN THE FIELD.

THE EXISTING UTILITY LINES ARE SHOWN ON THE PLANS TO INDICATE THEIR PRESENCE AND APPROXIMATE LOCATION. THE CONTRACTOR SHALL VERIFY THE EXACT LOCATION OF ALL UNDERGROUND UTILITIES PRIOR TO BEGINNING CONSTRUCTION. CALL J.U.L.I.E. AT 1-800-892-0123. THE TRAFFIC SIGNAL UTILITY LINES WILL BE LOCATED BY IDOT, CALL 217-342-5677.

THE TRAFFIC SIGNAL ENGINEER AT THE ILLINOIS DEPARTMENT OF TRANSPORTATION SHALL BE NOTIFIED AT 217-342-5677 AT LEAST 72 HOURS PRIOR TO TURNING ON ANY FLASHER OR CONTROLLER UNIT.

THE SIZE OF THE CABLE SUPPLIED SHALL BE EQUAL TO OR GREATER THAN THE SIZE OF THE CABLE REQUIRED TO CARRY THE LOAD BETWEEN THE CONTROLLER AND THE SERVICE INSTALLATION.

ALL NEW FLASHER SIGNAL WIRING SHALL EXTEND FROM FLASHER CONTROLLER TO THE FLASHER BEACONS.

ALL HARDWARE SHALL BE TIGHTENED AND WELL SECURED. CABLES SHALL BE NEATLY WOUND IN HANDHOLES. CABLES SHALL BE NEATLY TRAINED IN THE CONTROLLER CABINET.

ALL THREADS OF BOLTS USED IN ASSEMBLY OF TRAFFIC SIGNAL COMPONENTS SHALL BE COATED WITH A NON-LEAD BASED ANTI-SEIZE COMPOUND, SIMILAR TO LEAD PLATE, PRIOR TO ASSEMBLY.

NO ADDITIONAL COMPENSATION WILL BE ALLOWED FOR PLACING CONDUIT AT GREATER THAN 2 FOOT MINIMUM DEPTH TO AVOID OBSTACLES SUCH AS UNDERGROUND UTILITIES.

THE CONTRACTOR IS RESPONSIBLE FOR UNCOVERING OR HAND DIGGING AROUND UTILITIES AS NECESSARY. THE COST OF THIS WORK IS TO BE INCLUDED WITH THE ELECTRICAL WORK PAY ITEM.

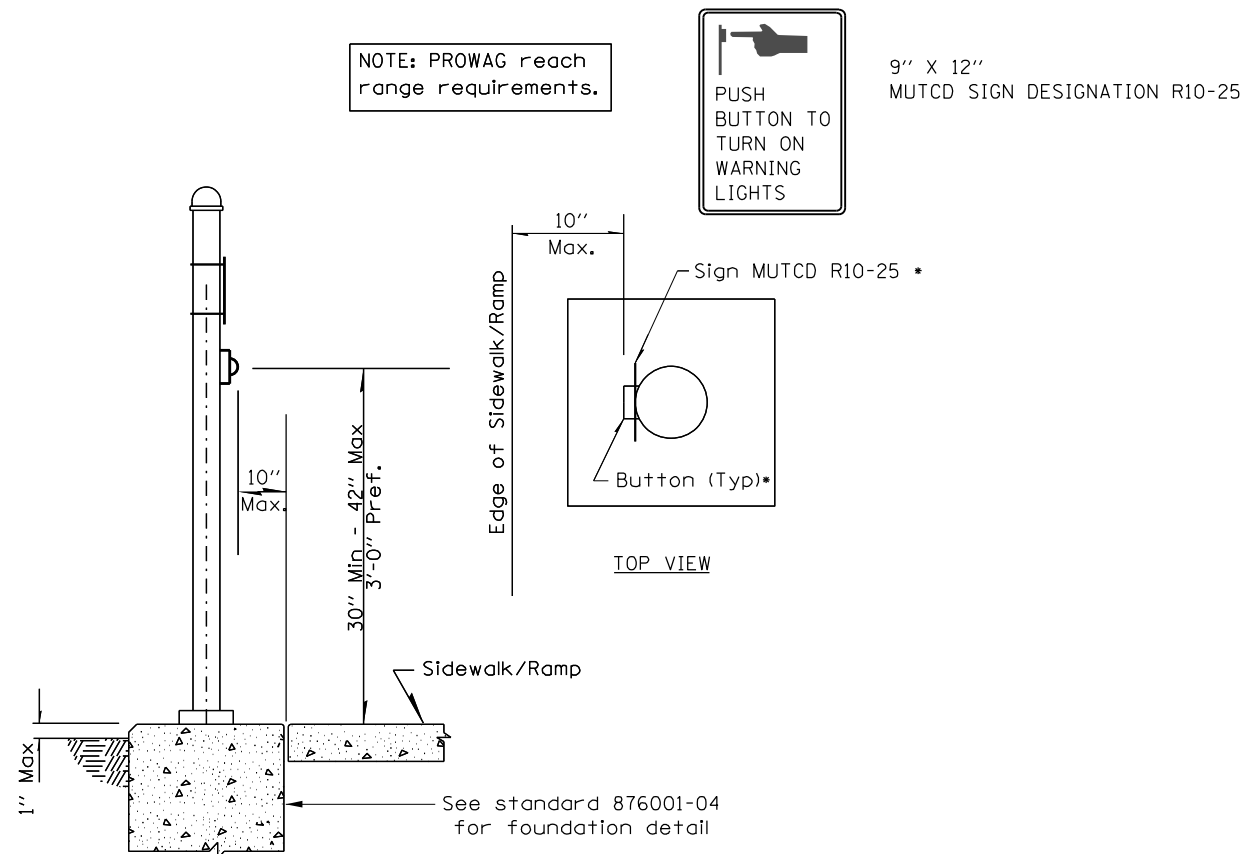
THE NUMBER OF CONDUCTORS FOR ELECTRIC CABLES AS SHOWN ON THE PLANS SHALL BE THE MINIMUM NUMBER OF CONDUCTORS FURNISHED FOR EACH LOCATION. THE CONTRACTOR MAY SUBSTITUTE AN ELECTRIC CABLE WITH MORE CONDUCTORS THAN SPECIFIED BUT NO ADDITIONAL COMPENSATION WILL BE MADE FOR THE EXTRA CONDUCTORS.

BILL OF MATERIALS

CODE	ITEM	UNIT	QUANTITY
72000100	SIGN PANEL-TYPE 1	SOFT	16
81028340	UNDERGROUND CONDUIT, PVC, 1-1/2" DIA	FOOT	49
81100500	CONDUIT ATTACHED TO STRUCTURE, 1-1/2" DIA., GALVANIZED STEEL	FOOT	24
87301225	ELECTRIC CABLE IN CONDUIT, NO 14 3C	FOOT	111
87301805	ELECTRIC CABLE IN CONDUIT,SERVICE,NO 6 2C	FOOT	33
87301900	ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO 6 1C	FOOT	111
87601100	PEDESTRIAN PUSH-BUTTON POST, GALVANIZED STEEL, TYPE I	EACH	2
89502375	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1
X1400145	RADAR SPEED SIGN	EACH	2
X1400326	RECTANGULAR RAPID FLASHING BEACON ASSEMBLY (COMPLETE)	EACH	2

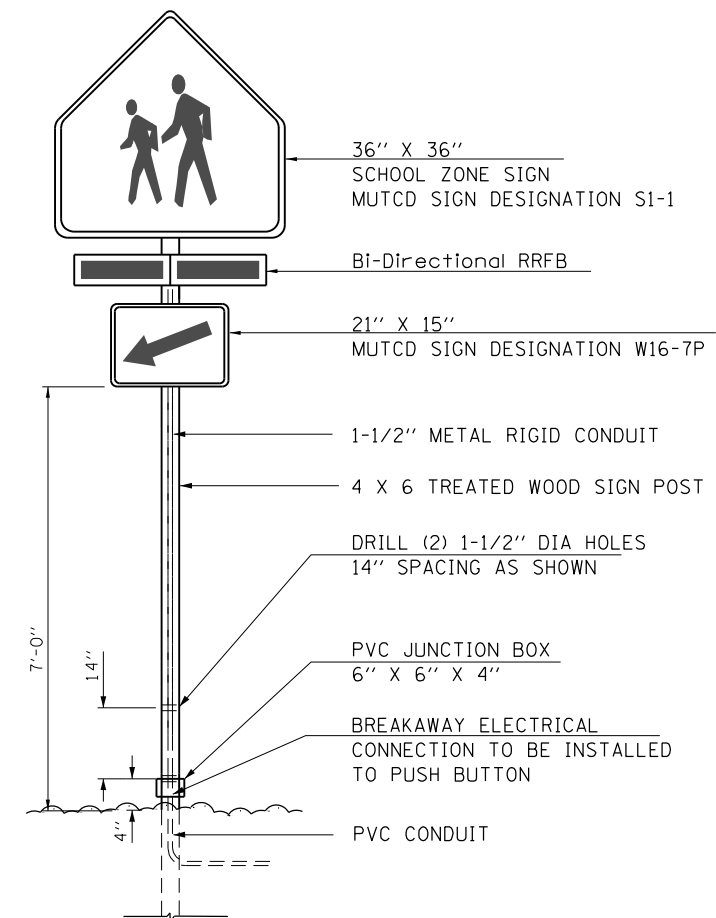
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USER NAME = Jessica.Hille	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>PEDESTRIAN UPGRADE AT MID-BLOCK CROSSING GENERAL NOTES /BILL OF MATERIALS</b>	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
	DRAWN -	REVISED -			*	111 RS-7	COLES	74	62	
PLOT SCALE = 20,0000 * / in.	CHECKED -	REVISED -			CONTRACT NO. 74812					
PLOT DATE = 3/31/2023	DATE -	REVISED -			SCALE:	SHEET	OF	SHEETS	STA.	TO
					ILLINOIS FED. AID PROJECT					



### PEDESTRIAN PUSH-BUTTON DETAIL

- Ped Button and signs included in the cost for the Rectangular rapid flashing beacon assembly (complete)



### RRFB FLASHER SIGN DETAIL

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PLOT DATE = 3/31/2023	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

<b>PEDESTRIAN UPGRADE AT MID-BLOCK CROSSING DETAILS</b>			
SCALE:	SHEET	OF SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	111 RS-7	COLES	74	63
CONTRACT NO. 74812				
ILLINOIS FED. AID PROJECT				

REMOVAL ITEMS FOR EXISTING CROSSING SIGNAL EQUIPMENT

	Total		
Remove Existing Crossing Signs & Posts	2		
Remove Existing Early Warning Sign Panels	2		
Remove Existing Ped Posts and Push Buttons	2		
Remove Existing Flasher Controller	1		
** Remove Existing Ped Post Foundations	2		
•Remove Existing Traffic Signal Equipment	Each 1		

• See Items Listed in Above Table

Note:

•• Ped Post Foundation holes to be filled with material approved by the Resident Engineer.

\*\*\* LIMIT DAMAGE TO EXISTING CONDUIT WHEN REMOVING EXISTING BEACON SIGN

EXISTING PVC CONDUIT TO REMAIN AND RE-USE

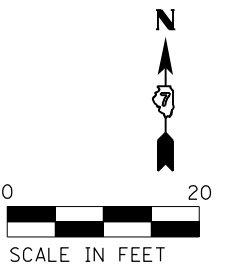
EXISTING TYPE A SERVICE TO REMAIN

\*\*\* LIMIT DAMAGE TO EXISTING CONDUIT WHEN REMOVING EXISTING BEACON SIGN

Note:

••• EXISTING CONDUIT TO REMAIN AND BE RE-USED. CONTRACTOR WILL REPAIR THE EXISTING CONDUIT AT THEIR COST IF DAMAGE OCCURS DUE TO CARELESS REMOVE OF THE EXISTING SIGNAGE.

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USER NAME = Jessica.Hille DESIGNED - DRAWN - PLOT SCALE = 20,0000 * / in. PLOT DATE = 3/31/2023				DESIGNED - REVISED - CHECKED - DATE -				<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>				<b>PEDESTRIAN UPGRADE AT MID-BLOCK CROSSING REMOVAL</b>				F.A.P. RTE. * SECTION 111 RS-7 COUNTY COLES TOTAL SHEETS 74 SHEET NO. 64 CONTRACT NO. 74812		ILLINOIS FED. AID PROJECT	
SCALE:		SHEET OF SHEETS		STA. TO STA.															



\* SCHOOL CROSSING SIGN WITH RRFB FLASHER  
 STA 32+38.6  
 25' RT

1 No 14 3c  
 1 No 6 1c  
 1-1/2" DIA PVC 10 FT  
 Sta 32+48.4  
 24' Rt  
 Ped Push Button & Post

EXISTING PVC CONDUIT  
 TO BE RE-USED

EXISTING TYPE A SERVICE  
 TO REMAIN  
 STA 32+49.4  
 30.3' LT

1-1/2" DIA PVC 15 FT  
 Service No 6 2c




Sta 32+56.9  
 23' Lt  
 Ped Push Button & Post

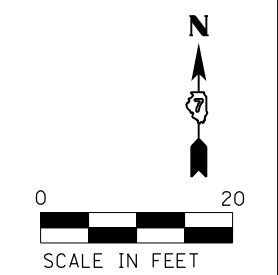
1 No 14 3c  
 1 No 6 1c  
 1-1/2" DIA PVC 6 FT

\* SCHOOL CROSSING SIGN WITH RRFB FLASHER  
 AND NEW FLASHER CONTROLLER  
 STA 32+63.5  
 24' LT

Note:  
 \* All wiring quantity for the RRFB Flasher APS Push Buttons and signs to be included in the RRFB Assembly (Complete) Pay Item

**LEGEND**

-  PROPOSED FLASHER CONTROLLER
-  PROPOSED SCHOOL CROSSING SIGN WITH RRFB FLASHER
-  PROPOSED PED POST AND BUTTON



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	DRAWN -	REVISED -
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**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

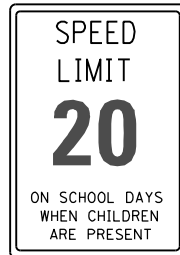
**PEDESTRIAN UPGRADE AT MID-BLOCK CROSSING  
 PEDESTRIAN CROSSING LAYOUT**

SCALE:	SHEET	OF	SHEETS	STA.	TO	STA.
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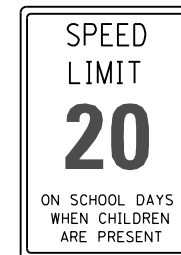
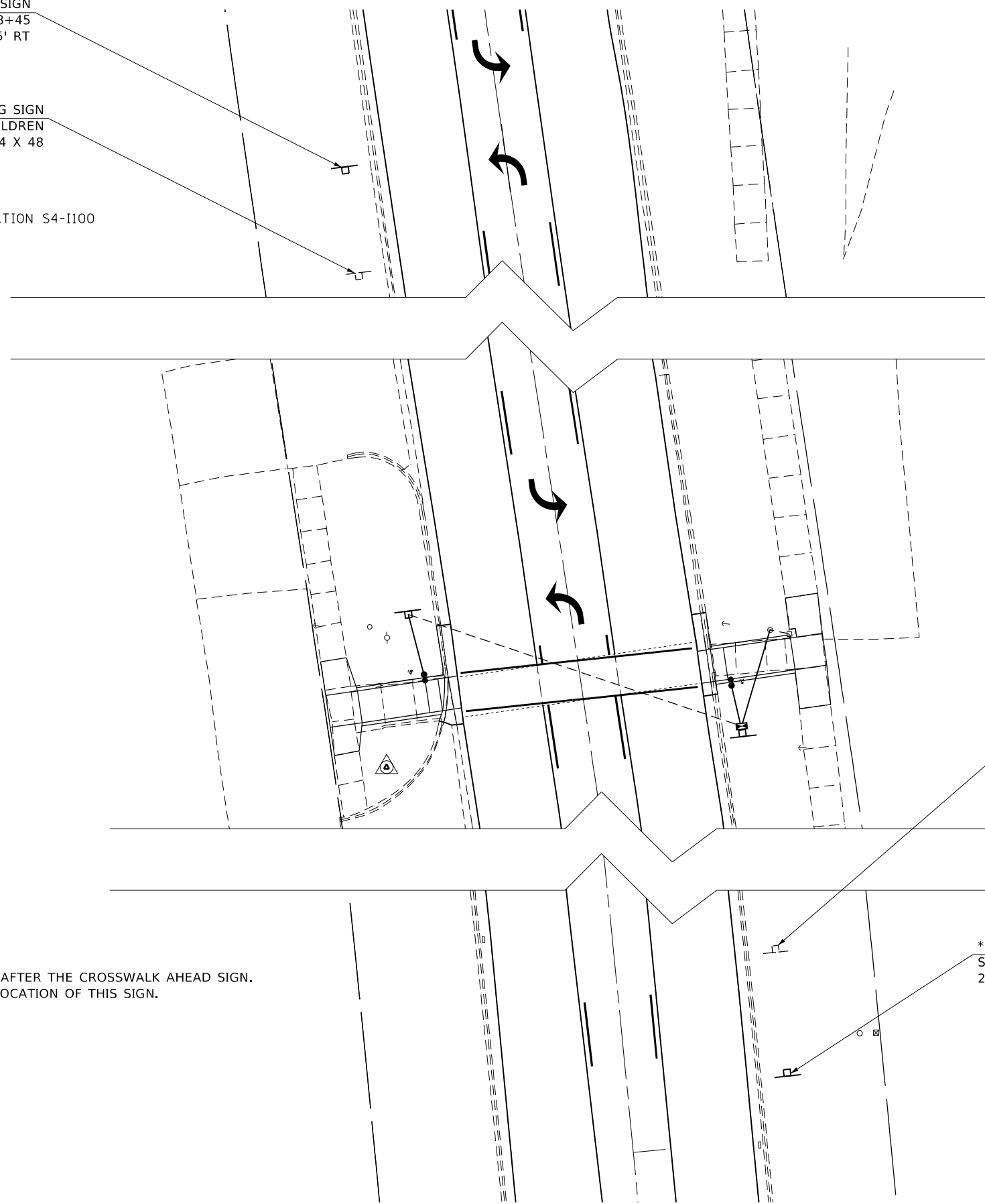
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	111 RS-7	COLES	74	65
CONTRACT NO. 74812				
ILLINOIS FED. AID PROJECT				

\* RADAR SPEED SIGN  
STA 28+45  
25' RT

REPLACE EXISTING SPEED LIMIT 20 WHEN FLASHING SIGN  
WITH SPEED LIMIT 20 ON SCHOOL DAYS WHEN CHILDREN  
ARE PRESENT SIGN (ILLINOIS MUTCD S4-I100) 24 X 48



24" X 48"  
ILLINOIS MUTCD SIGN DESIGNATION S4-I100



24" X 48"  
ILLINOIS MUTCD SIGN DESIGNATION S4-I100

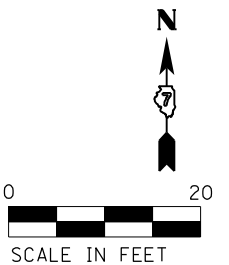
REPLACE EXISTING SPEED LIMIT 20 WHEN FLASHING SIGN  
WITH SPEED LIMIT 20 ON SCHOOL DAYS WHEN CHILDREN  
ARE PRESENT SIGN (ILLINOIS MUTCD S4-I100 24 X 48)

\* RADAR SPEED SIGN  
STA 35+90  
25' LT

NOTE:  
\* RADAR SPEED INDICATOR SIGN TO BE LOCATED AFTER THE CROSSWALK AHEAD SIGN.  
THE FIELD ENGINEER WILL DETERMINE THE FINAL LOCATION OF THIS SIGN.

LEGEND

- PROPOSED RADAR SPEED SIGN
- EXISTING SPEED LIMIT SIGN



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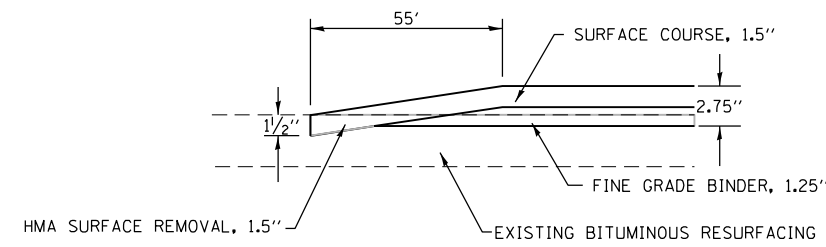
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	DRAWN -	REVISED -
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PLOT DATE = 3/31/2023	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

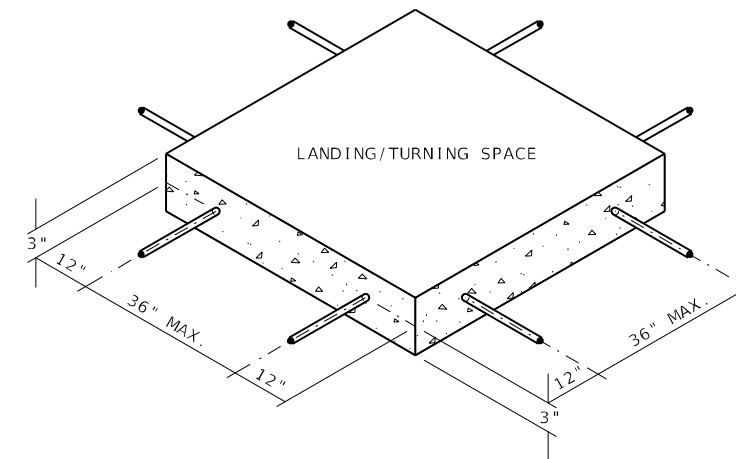
<b>PEDESTRIAN UPGRADE AT MID-BLOCK CROSSING RADAR SPEED SIGN LOCATION</b>			
SCALE:	SHEET	OF SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	111 RS-7	COLES	74	66
CONTRACT NO. 74812				
ILLINOIS FED. AID PROJECT				

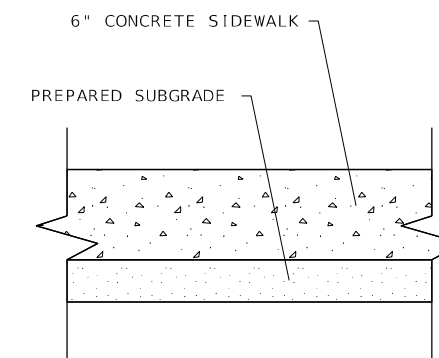
NOTE: TIE BARS SHALL BE OMITTED BETWEEN PROPOSED LANDING/TURNING SPACES AND PROPOSED TRANSITIONAL SEGMENTS.



**BUTT JOINT DETAIL**  
STA 142+41 TO STA 142+96



**SIDEWALK REINFORCEMENT**



**TYPICAL SIDEWALK SECTION  
WITHIN INTERSECTION CORNER**

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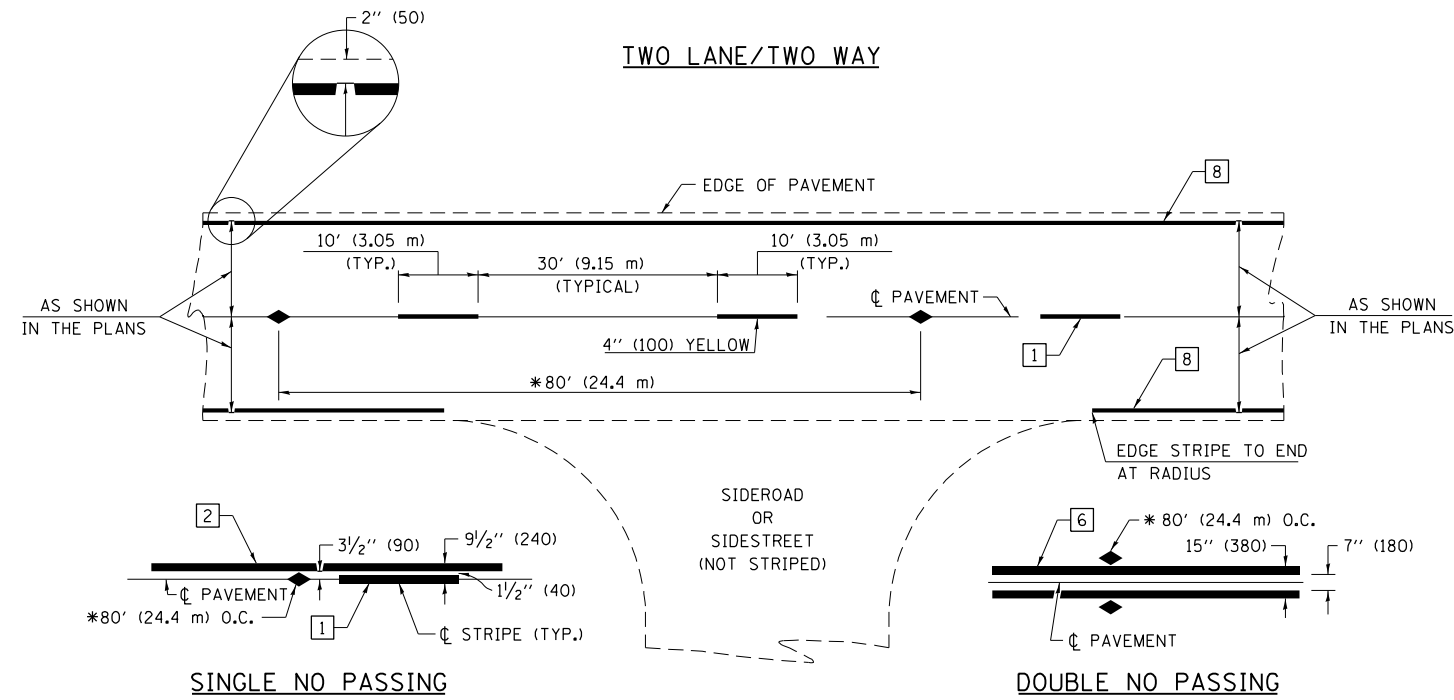
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**PLAN DETAILS**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	111 RS-7	COLES	74	67
CONTRACT NO. 74812				
ILLINOIS FED. AID PROJECT				

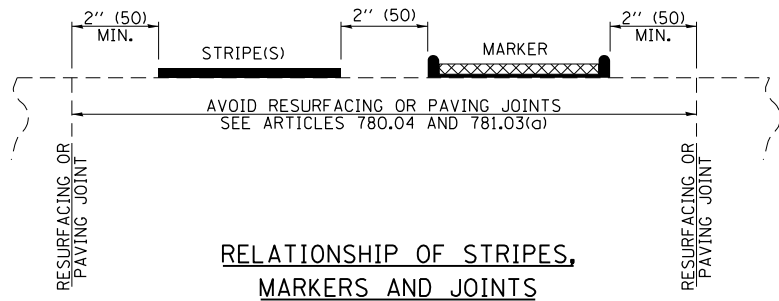




\* REDUCE TO 40' (12.2 m) O.C. ON CURVES WITH POSTED OR ADVISORY SPEEDS OF 45 mph (70 km/h) OR LESS.

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

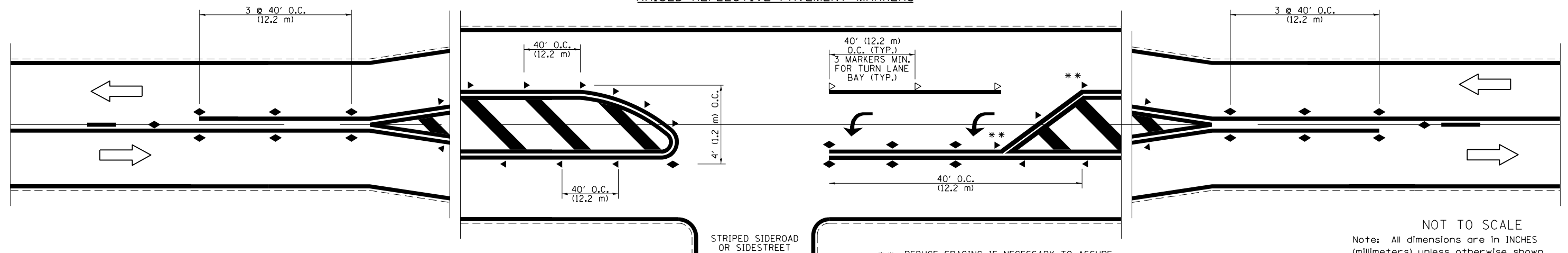


RELATIONSHIP OF STRIPES, MARKERS AND JOINTS

TYPICAL PAVEMENT MARKERS LEGEND

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

RAISED REFLECTIVE PAVEMENT MARKERS



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

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

DISTRICT 7 DETAIL NO. 78000001

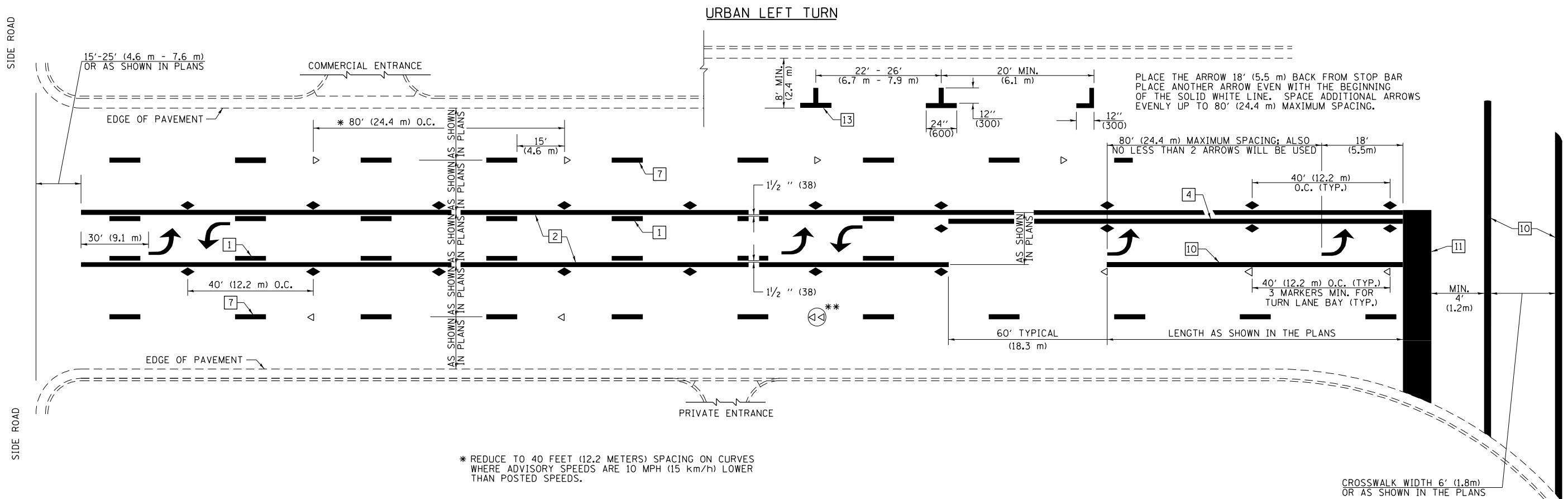
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		DATE -	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

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

SCALE: SHEET NO. 1 OF 4 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	111 RS-7	COLES	74	69
CONTRACT NO. 74812				
ILLINOIS FED. AID PROJECT				



PLACE THE ARROW 18' (5.5 m) BACK FROM STOP BAR  
 PLACE ANOTHER ARROW EVEN WITH THE BEGINNING  
 OF THE SOLID WHITE LINE. SPACE ADDITIONAL ARROWS  
 EVENLY UP TO 80' (24.4 m) MAXIMUM SPACING.

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

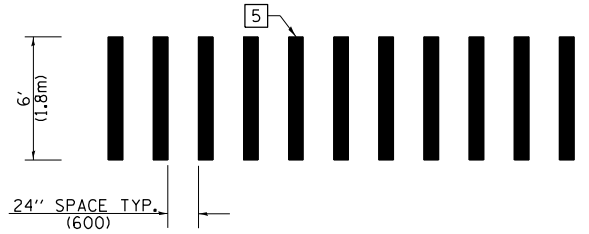
\*\* DOUBLE LANE LINE MARKERS SHALL BE SPECIFIED  
 AND SPACED AS SHOWN IN HIGHWAY STANDARD  
 781001 FOR MULTI-LANE DIVIDED AND UNDIVIDED  
 HIGHWAYS.

**PAVEMENT MARKING LEGEND**

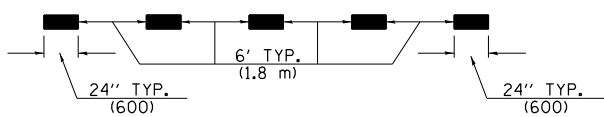
- 1 4" (100) SKIP-DASH (YELLOW)
- 2 4" (100) SOLID (YELLOW)
- 3 12" (300) DIAGONAL (YELLOW)
- 4 4" (100) DOUBLE YELLOW (NARROW)
- 5 12" (300) SOLID WHITE
- 6 4" (100) DOUBLE YELLOW (WIDE)
- 7 6" (150) SKIP-DASH (WHITE)
- 8 4" (100) SOLID (WHITE)
- 9 12" (300) DIAGONAL (WHITE)
- 10 6" (150) SOLID (WHITE)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

**GENERAL NOTES**

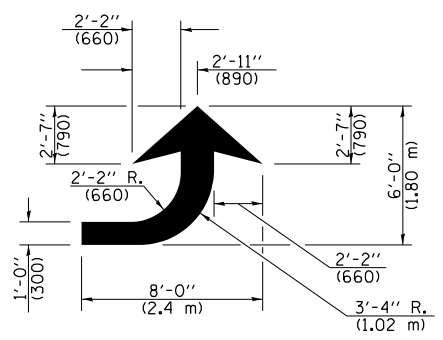
1. TURN ARROW PAIRS SHALL BE PLACED AT 250' (75 m) INTERVALS AND SHALL BE EVENLY SPACED BETWEEN BOTH ENDS OF THE BIDIRECTIONAL LEFT TURN LANE. USE A MINIMUM OF TWO PAIRS PER BLOCK.
2. THE SOLID YELLOW PAVEMENT MARKINGS [2] SHOULD GENERALLY START OR END NEAR THE RADIUS POINT OF EACH STREET RETURN EXCEPT 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.



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

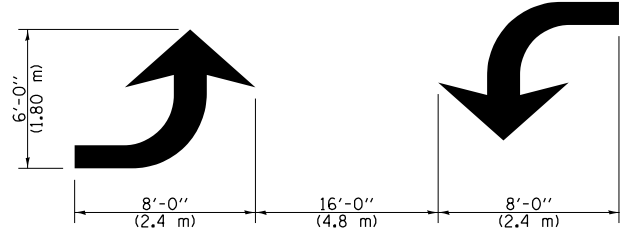


**LANE LINE EXTENSIONS**



**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**

FILE NAME =	USER NAME = Jessica.Hille	DESIGNED -	REVISED - NAS 06/22	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>PAVEMENT MARKING AND RAISED REFLECTIVE PAVEMENT MARKERS (RURAL &amp; URBAN APPLICATIONS)</b>			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
pw:\idot-pw\entley.com\PWIDOT\Documents\IDOT Offices\District 7\Projects\74812\CA000000\Drawings\74812-sht-details.dgn	DRWN	CHECKED -	REVISED -					111 RS-7	COLES	74	70	
PLOT SCALE = 100.0000' / 1"	CHECKED -	REVISED -	REVISED -					CONTRACT NO. 74812				
PLOT DATE = 3/31/2023	DATE -	REVISED -	REVISED -					ILLINOIS FED. AID PROJECT				

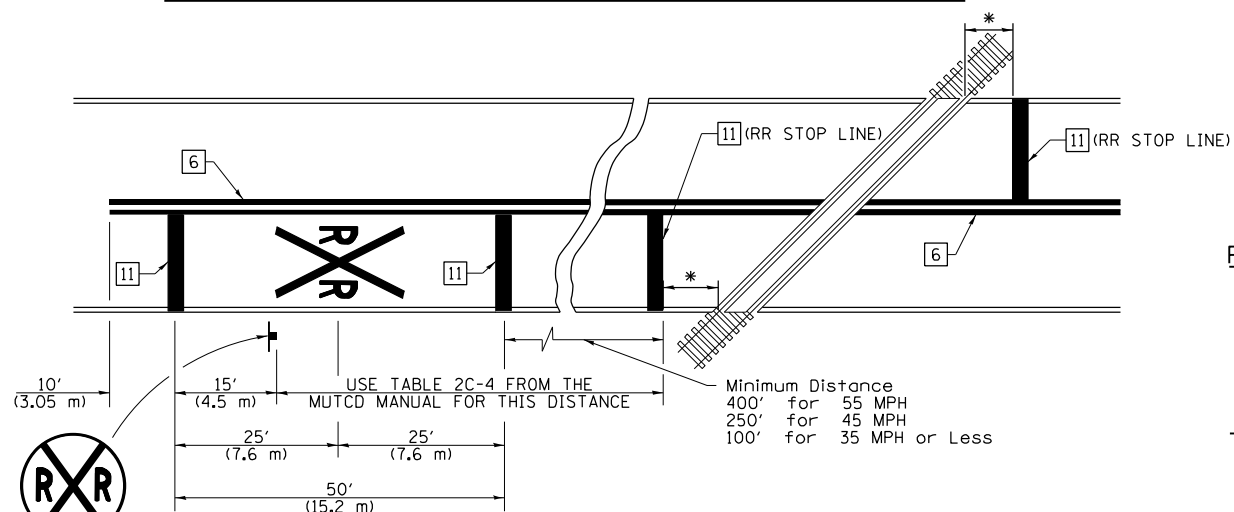


# SUPPLEMENTAL PAVEMENT MARKING TREATMENT FOR RAILROAD-HIGHWAY GRADE CROSSING

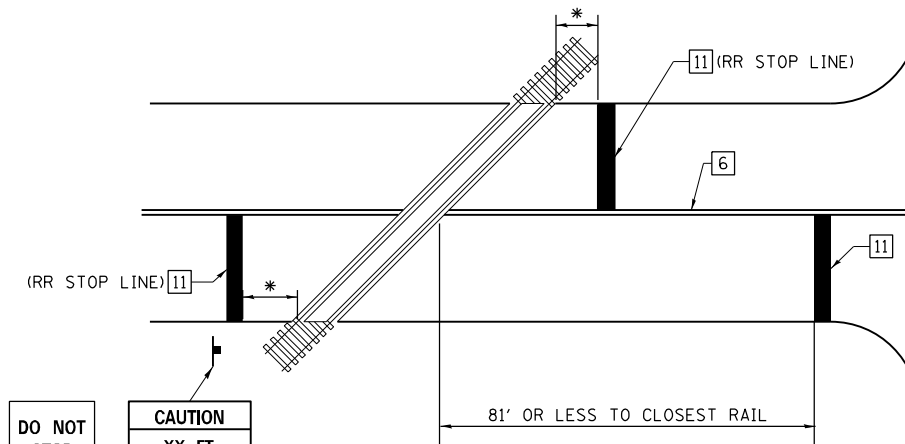
## PAVEMENT MARKING LEGEND

- 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
- 

### PAVEMENT MARKINGS AT RAILROAD-HIGHWAY GRADE CROSSING



### RAILROAD CROSSING WITH NON-SIGNALIZED INTERSECTION

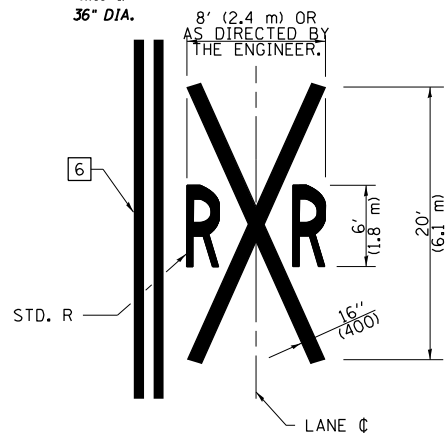


### NOTES

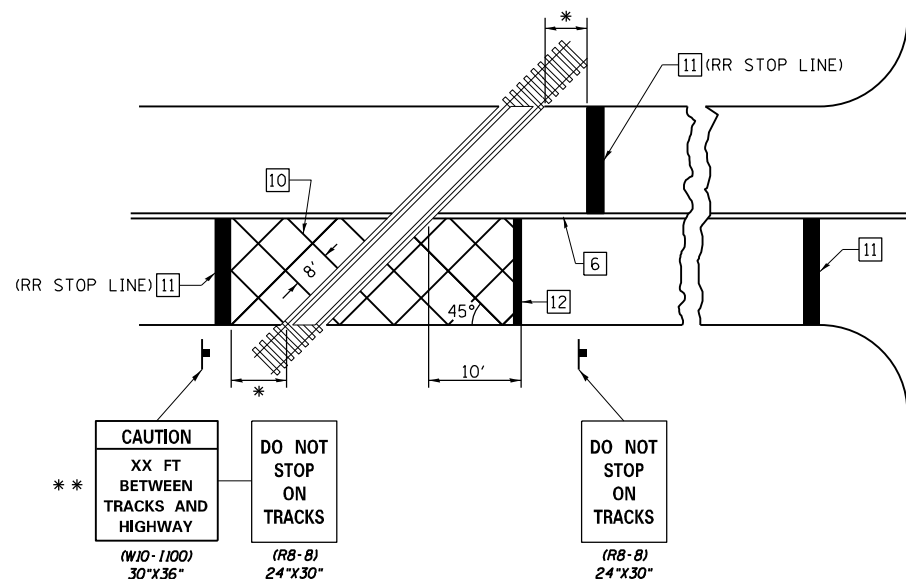
THE TRAVERSE SPREAD OF THE "X" MAY VARY ACCORDING TO LANE WIDTH.

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

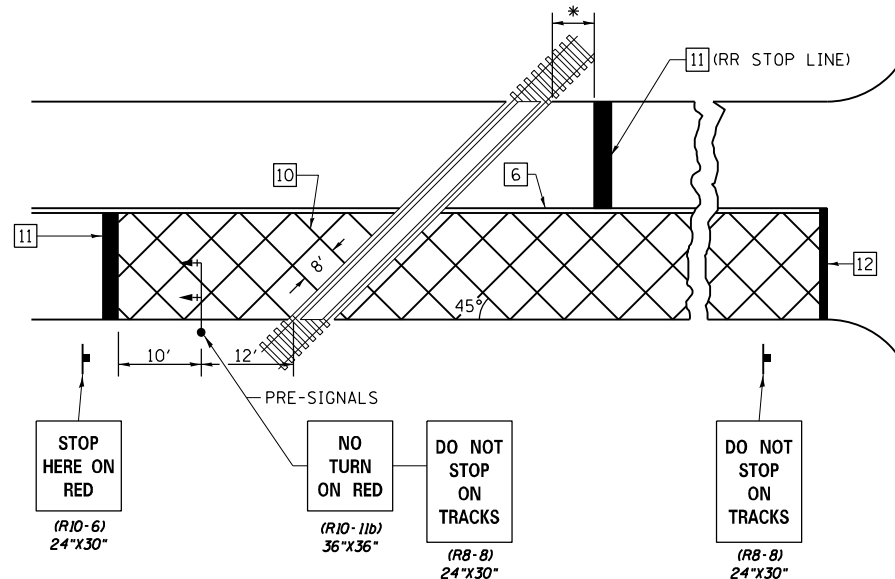
WHEN THE PAVEMENT MARKING SYMBOL IS USED, A PORTION OF THE SYMBOL SHOULD BE LOCATED DIRECTLY ADJACENT TO THE ADVANCE WARNING SIGN (W10-1) AS PLACED BY TABLE II-1, CONDITION B OF THE MUTCD.



### RAILROAD CROSSING WITH INTERCONNECT ONLY

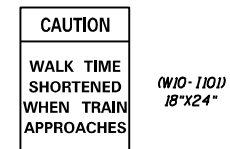


### RAILROAD CROSSING WITH INTERCONNECT AND PRE-SIGNALS



### GENERAL NOTES

- SUPPLEMENTAL PAVEMENT MARKINGS TO BE INSTALLED ONLY ON APPROACHES TO INTERSECTIONS CONTROLLED BY TRAFFIC SIGNALS WHICH ARE INTERCONNECTED WITH THE RAILROAD WARNING SIGNALS.
- EXTEND PAVEMENT MARKINGS TO THE INTERSECTION ONLY WHERE PRE-SIGNALS ARE USED.
- WHEN PEDESTRIAN SIGNALS ARE PRESENT WITH INTERCONNECTED SIGNALS, WARNING SIGN W10-1101 (18"X24") SHALL BE PLACED NEAR EACH PEDESTRIAN SIGNAL HEAD. COUNTDOWN PEDESTRIAN SIGNAL HEADS SHALL NOT BE UTILIZED ALONG WITH INTERCONNECTED SIGNALS.
- PLEASE REFER TO THE IDOT BUREAU OF OPERATION MEMO OPS T-06 DATED DECEMBER 1, 2020 FOR ADDITIONAL INFORMATION



- \* 15' FROM NEAR RAIL OR 8' FROM AND PARALLEL TO GATE IF PRESENT
- \*\* WARNING SIGN W10-1100 SHALL BE USED AS AN INTERIM MEASURE AT INTERCONNECTED SIGNAL LOCATIONS WHERE PRE-SIGNALS ARE TO BE INSTALLED IN THE FUTURE. THIS SIGN SHALL BE REMOVED WHEN THE PRE-SIGNALS ARE INSTALLED AND THE PAVEMENT MARKINGS ARE EXTENDED TO THE INTERSECTION.

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

### DISTRICT 7 DETAIL NO. 7800001

FILE NAME =	USER NAME = Jessica.Hille	DESIGNED -	REVISED - NAS 06/22
pw:\idot-pw\bentley.com\PIWIDOT\Documents\IDOT Offices\District 7\Projects\74812\CAD\Drawings\74812-18-24-25-26-27-28-29-30-31-32-33-34-35-36-37-38-39-40-41-42-43-44-45-46-47-48-49-50-51-52-53-54-55-56-57-58-59-60-61-62-63-64-65-66-67-68-69-70-71-72-73-74-75-76-77-78-79-80-81-82-83-84-85-86-87-88-89-90-91-92-93-94-95-96-97-98-99-100-101-102-103-104-105-106-107-108-109-110-111-112-113-114-115-116-117-118-119-120-121-122-123-124-125-126-127-128-129-130-131-132-133-134-135-136-137-138-139-140-141-142-143-144-145-146-147-148-149-150-151-152-153-154-155-156-157-158-159-160-161-162-163-164-165-166-167-168-169-170-171-172-173-174-175-176-177-178-179-180-181-182-183-184-185-186-187-188-189-190-191-192-193-194-195-196-197-198-199-200-201-202-203-204-205-206-207-208-209-210-211-212-213-214-215-216-217-218-219-220-221-222-223-224-225-226-227-228-229-230-231-232-233-234-235-236-237-238-239-240-241-242-243-244-245-246-247-248-249-250-251-252-253-254-255-256-257-258-259-260-261-262-263-264-265-266-267-268-269-270-271-272-273-274-275-276-277-278-279-280-281-282-283-284-285-286-287-288-289-290-291-292-293-294-295-296-297-298-299-300-301-302-303-304-305-306-307-308-309-310-311-312-313-314-315-316-317-318-319-320-321-322-323-324-325-326-327-328-329-330-331-332-333-334-335-336-337-338-339-340-341-342-343-344-345-346-347-348-349-350-351-352-353-354-355-356-357-358-359-360-361-362-363-364-365-366-367-368-369-370-371-372-373-374-375-376-377-378-379-380-381-382-383-384-385-386-387-388-389-390-391-392-393-394-395-396-397-398-399-400-401-402-403-404-405-406-407-408-409-410-411-412-413-414-415-416-417-418-419-420-421-422-423-424-425-426-427-428-429-430-431-432-433-434-435-436-437-438-439-440-441-442-443-444-445-446-447-448-449-450-451-452-453-454-455-456-457-458-459-460-461-462-463-464-465-466-467-468-469-470-471-472-473-474-475-476-477-478-479-480-481-482-483-484-485-486-487-488-489-490-491-492-493-494-495-496-497-498-499-500-501-502-503-504-505-506-507-508-509-510-511-512-513-514-515-516-517-518-519-520-521-522-523-524-525-526-527-528-529-530-531-532-533-534-535-536-537-538-539-540-541-542-543-544-545-546-547-548-549-550-551-552-553-554-555-556-557-558-559-560-561-562-563-564-565-566-567-568-569-570-571-572-573-574-575-576-577-578-579-580-581-582-583-584-585-586-587-588-589-590-591-592-593-594-595-596-597-598-599-600-601-602-603-604-605-606-607-608-609-610-611-612-613-614-615-616-617-618-619-620-621-622-623-624-625-626-627-628-629-630-631-632-633-634-635-636-637-638-639-640-641-642-643-644-645-646-647-648-649-650-651-652-653-654-655-656-657-658-659-660-661-662-663-664-665-666-667-668-669-670-671-672-673-674-675-676-677-678-679-680-681-682-683-684-685-686-687-688-689-690-691-692-693-694-695-696-697-698-699-700-701-702-703-704-705-706-707-708-709-710-711-712-713-714-715-716-717-718-719-720-721-722-723-724-725-726-727-728-729-730-731-732-733-734-735-736-737-738-739-740-741-742-743-744-745-746-747-748-749-750-751-752-753-754-755-756-757-758-759-760-761-762-763-764-765-766-767-768-769-770-771-772-773-774-775-776-777-778-779-780-781-782-783-784-785-786-787-788-789-790-791-792-793-794-795-796-797-798-799-800-801-802-803-804-805-806-807-808-809-810-811-812-813-814-815-816-817-818-819-820-821-822-823-824-825-826-827-828-829-830-831-832-833-834-835-836-837-838-839-840-841-842-843-844-845-846-847-848-849-850-851-852-853-854-855-856-857-858-859-860-861-862-863-864-865-866-867-868-869-870-871-872-873-874-875-876-877-878-879-880-881-882-883-884-885-886-887-888-889-890-891-892-893-894-895-896-897-898-899-900-901-902-903-904-905-906-907-908-909-910-911-912-913-914-915-916-917-918-919-920-921-922-923-924-925-926-927-928-929-930-931-932-933-934-935-936-937-938-939-940-941-942-943-944-945-946-947-948-949-950-951-952-953-954-955-956-957-958-959-960-961-962-963-964-965-966-967-968-969-970-971-972-973-974-975-976-977-978-979-980-981-982-983-984-985-986-987-988-989-990-991-992-993-994-995-996-997-998-999-1000	CHECKED -	REVISED -	
PLOT SCALE = 100.0000' / 1"	DATE -	REVISED -	
PLOT DATE = 3/31/2023			

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

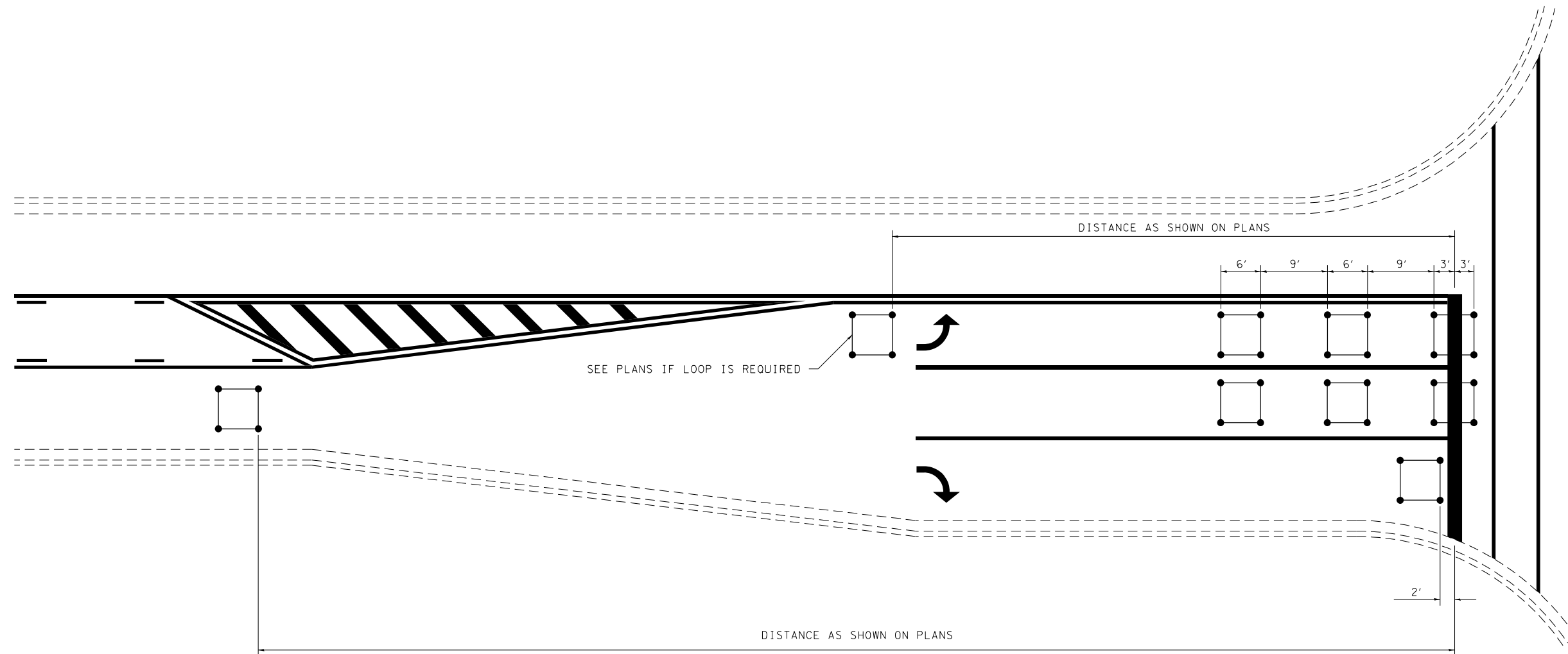
PAVEMENT MARKING AND RAISED REFLECTIVE PAVEMENT MARKERS  
(RURAL & URBAN APPLICATIONS)

SCALE: SHEET NO. 4 OF 4 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	111 RS-7	COLES	74	72
CONTRACT NO. 74812				
ILLINOIS FED. AID PROJECT				



# TYPICAL APPLICATION OF DETECTOR LOOPS



**NOTE:**

1. EACH LOOP SHALL HAVE ITS OWN HOMERUN TO THE GULFBOX/HANDHOLE.
2. LOOPS SHOULD BE CENTERED IN EACH LANE.
3. USE 6' BY 6' LOOPS FOR LANE WIDTHS OF 11' OR GREATER.
4. USE 5' BY 5' LOOPS IF LANE WIDTH IS LESS THAN 11'.

NOT TO SCALE

**DISTRICT 7 DETAIL NO. 88600100**

FILE NAME =	USER NAME = Jessica.Hille	DESIGNED -	REVISED - MKS 4-08
p:\1\1dot-pw.bentley.com\PWIDOT\Documents\IDOT Offices\District 7\Projects\74812\CAD\Drawings\Drawings\74812-1-sht-details.dgn		CHECKED -	REVISED -
		DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**TYPICAL APPLICATIONS OF DETECTOR LOOPS**

SCALE: SHEET NO. OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	111 RS-7	COLES	74	73
CONTRACT NO. 74812				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

