

**INDEX OF SHEETS**

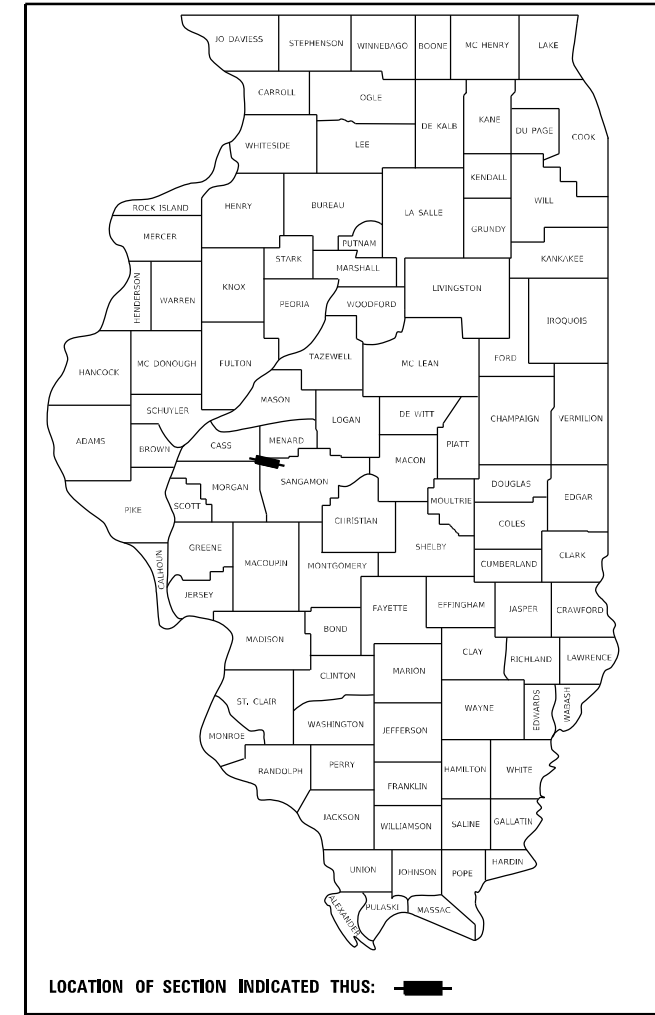
04-29-2022 LETTING ITEM 055

STATE OF ILLINOIS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
67	(3 RS-5, 105 RS-7, 106 RS-5)SW	ILLINOIS	37	1

\* - CASS, SANGAMON

D-96-092-20



LOCATION OF SECTION INDICATED THUS: [Symbol]

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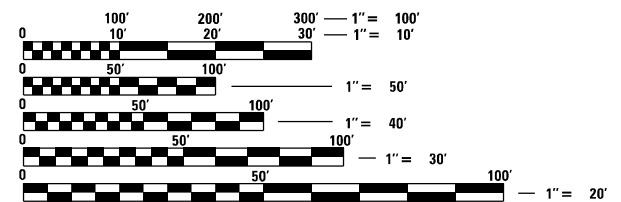
DEPARTMENT OF TRANSPORTATION  
 DIVISION OF HIGHWAYS  
**PROPOSED HIGHWAY PLANS**  
 FAP ROUTE 67 (IL RTE. 125)  
 SECTION (3RS-5, 105RS-7, 106RS-5)SW  
 PROJECT STP-KM3E(126)  
 SMART OVERLAY AND ADA IMPROVEMENTS  
 SANGAMON & CASS COUNTIES  
 C-96-122-20

**FAP67(ILL 125)**

FUNCTIONAL CLASSIFICATION:  
**MINOR ARTERIAL**  
 ADT (2019) = 5,012  
 SU = 3.40%  
 MU = 5.50%  
 PV = 91.10%

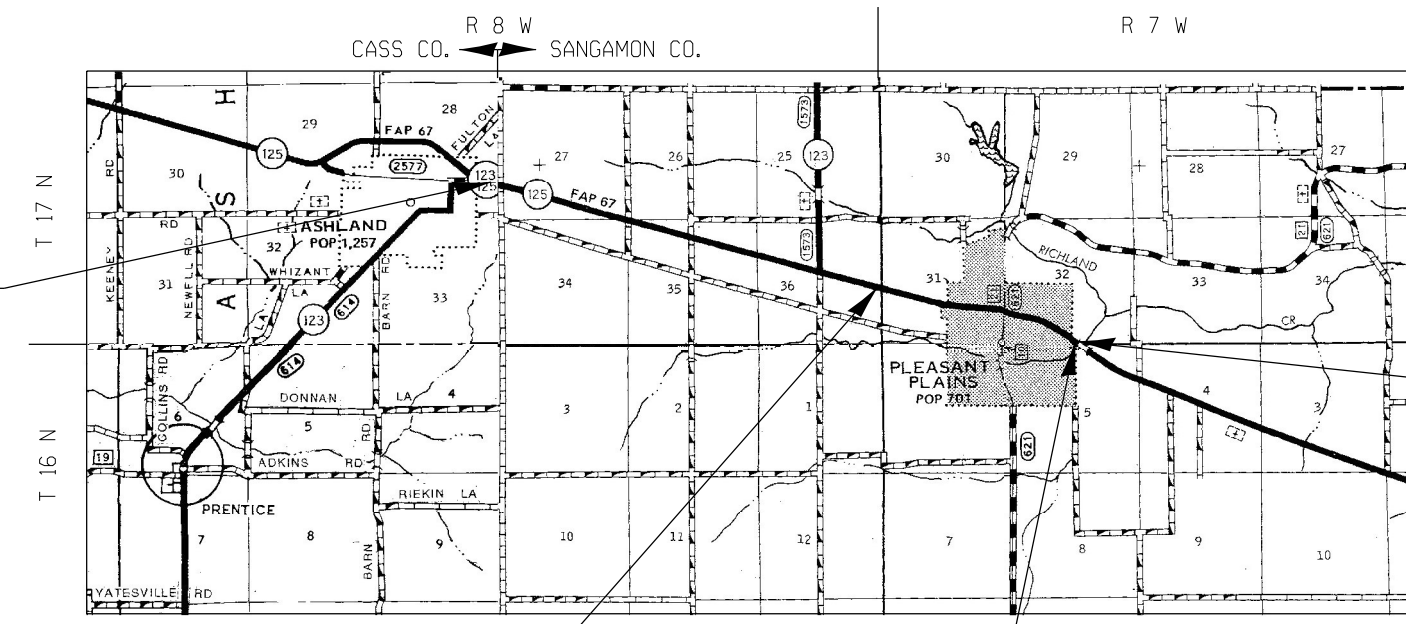
**BEGINNING OF PROJECT:  
 STATION 19 + 25.00**

**END OF PROJECT:  
 STATION 276 + 50.00**



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



**STATION EQUATION:  
 184 + 17.48 BK. = 184 + 21.41 AHD.**

**STATION EQUATION:  
 272 + 58.90 BK. = 272 + 63.46 AHD.**

**LOCATION MAP**

GROSS LENGTH = 25,725 FT. = 4.88 MILES  
 NET LENGTH = 25,717 FT. = 4.87 MILES

PROJECT ENGINEER: JAY EDWARDS (217) 785-0597  
 PROJECT MANAGER: SYLVETTE CUEBAS-CANCEL (217) 785-5329

CONTRACT NO. 72M22

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

SUBMITTED February 10 20 22

*Jay P. Myers* REGIONAL ENGINEER

March 25 2022  
*[Signature]* ENGINEER OF DESIGN AND ENVIRONMENT

March 2 2022  
*Stephen M. Frantz* DIRECTOR OF HIGHWAYS PROJECT IMPLEMENTATION

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 OF THE STATE OF ILLINOIS**

**GENERAL NOTES**

- ALL ELEVATIONS SHOWN ON THE PLANS ARE BASED ON USGS MEAN SEA LEVEL DATUM.
- THE FOLLOWING RATES OF APPLICATION HAVE BEEN USED TO CALCULATE THE PLAN QUANTITIES:  

BITUMINOUS MATERIALS (TACK COAT)	0.05 LB/SQ. FT. (ON PAVEMENT: MILLED HMA)
BITUMINOUS CONCRETE SURFACE	0.056 TON/CU. YD. PER 1"
AGGREGATE MATERIAL	1.60 TON/CU. YD.
- NO PASSING ZONES TO BE FIELD VERIFIED BY THE DISTRICT 6 BUREAU OF OPERATIONS . THE RESIDENT ENGINEER SHALL NOTIFY THE BUREAU OF OPERATIONS AT LEAST 14 DAYS PRIOR TO PLACEMENT OF FINAL PERMANENT MARKING. (PH: 217-785-5306)

**MIXTURE REQUIREMENTS**

LOCATIONS:	IL-125		
MIXTURE USE(S):	HMA SURFACE CSE	INCIDENTAL HMA	HMA SHOULDERS
AC/PG:	SBS PG 64-28	PG 64-22	PG 64-22
DESIGN AIR VOIDS	4.0% @ N50	4.0% @ N50	4.0% @ N50
MIX COMPOSITION (GRADATION MIXTURE)	IL-9.5	IL-9.5	IL-9.5
FRICTION AGGREGATE	Mix "D"	Mix "C"	Mix "C"
MIXTURE WEIGHT	112 LB/SY*IN	112 LB/SY*IN	112 LB/SY*IN
QUALITY MANAGEMENT	QCP	QC/QA	QC/QA
SUBLOT SIZE	1,000 TONS	N/A	N/A
MATERIAL TRANSFER DEVICE REQUIRED:	YES	NO	NO
NOTE: NUCLEAR GAUGE WILL BE USED FOR DENSITY VERIFICATION BY THE ENGINEER ON THE HMA SHOULDERS			

**STANDARDS**

- |           |  |
|-----------|--|
| 000001-08 | STANDARD SYMBOLS, ABBREVIATIONS, AND PATTERNS                            |
| 001006    | DECIMAL OF AN INCH AND OF A FOOT   |
| 606201-04 | TYPE B GUTTER (INLET, OUTLET & ENTRANCE)                                 |
| 701001-02 | OFF-ROAD OPERATIONS, 2L, 2W, 15' AWAY                                    |
| 701006-05 | OFF-ROAD OPERATIONS, 2L, 2W, 15' TO 2' AWAY FROM PAVEMENT EDGE           |
| 701301-04 | LANE CLOSURE, 2L 2W, SHORT TIME OPERATIONS                               |
| 701306-04 | LANE CLOSURE, 2L 2W, SLOW MOVING OPERATIONS DAY ONLY, FOR SPEEDS >45 MPH |
| 701311-03 | LANE CLOSURE, 2L 2W, MOVING OPERATIONS-DAY ONLY                          |
| 701501-06 | URBAN LANE CLOSURE, 2L, 2W, UNDIVIDED                                    |
| 701801-06 | SIDEWALK, CORNER OR CROSSWALK CLOSURE                                    |
| 701901-08 | TRAFFIC CONTROL DEVICES  |
| 720001-01 | SIGN PANEL MOUNTING DETAILS  |
| 720006-04 | SIGN PANEL ERECTION DETAILS  |
| 728001-01 | TELESCOPING STEEL SIGN SUPPORT   |
| 780001-05 | TYPICAL PAVEMENT MARKINGS  |
| 781001-04 | TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS                  |
| 420001-10 | PAVEMENT JOINTS  |
| 424001-11 | PERPENDICULAR CURB RAMPS FOR SIDEWALKS                                   |

**COMMITMENTS**

NONE

<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION DIVISION OF HIGHWAYS DISTRICT 6</b>	
EXAMINED	February 2, 2022 <i>[Signature]</i> ENGINEER OF OPERATIONS
EXAMINED	February 2, 2022 <i>[Signature]</i> ENGINEER OF PROJECT IMPLEMENTATION
EXAMINED	February 4, 2022 <i>[Signature]</i> ENGINEER OF PROGRAM DEVELOPMENT

REV. - MS

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PLOT DATE = 2/10/2022	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**GENERAL NOTES**

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
67	*	*	37	2
			CONTRACT NO. 72M22	
ILLINOIS FED. AID PROJECT				

(3 R5-5, 105 R5-7, 106 R5-R)SW

Cass, Sangamon

6-01446-0000

80% FEDERAL / 20% STATE      50% ST / 50% LOCAL      43% ST / 57% LOCAL

CASS CO.	SANGAMON CO.	SANGAMON CO.	SANGAMON CO.
ROADWAY	ROADWAY	PARKING	FLASHING BEACON
0005	0005	0005	0005
RURAL	RURAL	RURAL	RURAL

CODE NO.	ITEM	UNIT	TOTAL QUANTITY				
20200100	EARTH EXCAVATION	CU YD	28	0	28	0	0
21400100	GRADING AND SHAPING DITCHES	FOOT	1963	0	1963	0	0
40200800	AGGREGATE SURFACE COURSE, TYPE B	TON	24	0	24	0	0
40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	41286	714	35413	5159	0
40600370	LONGITUDINAL JOINT SEALANT	FOOT	25717	533	25184	0	0
40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD	1494	106	1388	0	0
40600990	TEMPORARY RAMP	SQ YD	451	27	424	0	0
40604160	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50	TON	6039	119	5920	0	0
40800029	BITUMINOUS MATERIALS (TACK COAT)	POUND	673	48	625	0	0
40800050	INCIDENTAL HOT-MIX ASPHALT SURFACING	TON	126	9	117	0	0
42300400	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 8 INCH	SQ YD	146	0	146	0	0
42400800	DETECTABLE WARNINGS	SQ FT	160	0	160	0	0
44000100	PAVEMENT REMOVAL	SQ YD	166	0	166	0	0
44000155	HOT-MIX ASPHALT SURFACE REMOVAL, 1 1/2"	SQ YD	91746	1586	78695	11465	0

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PLOT DATE = 2/10/2022	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**SUMMARY OF QUANTITIES**

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
67	*	*	37	3
			CONTRACT NO. 72M22	

6-01446-0000

80% FEDERAL / 20% STATE	50% ST / 50% LOCAL	43% ST / 57% LOCAL
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CASS CO.	SANGAMON CO.	SANGAMON CO.	SANGAMON CO.
ROADWAY	ROADWAY	PARKING	FLASHING BEACON
0005	0005	0005	0005
RURAL	RURAL	RURAL	RURAL

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CASS CO.	SANGAMON CO.	SANGAMON CO.	SANGAMON CO.
44000400	GUTTER REMOVAL	FOOT	123	0	123	0	0
44000600	SIDEWALK REMOVAL	SQ FT	858	0	858	0	0
48102100	AGGREGATE WEDGE SHOULDER, TYPE B	TON	938	18	920	0	0
48203100	HOT-MIX ASPHALT SHOULDERS	TON	1668	14	691	963	0
50105220	PIPE CULVERT REMOVAL	FOOT	271	0	271	0	0
542D0220	PIPE CULVERTS, CLASS D, TYPE 1 15"	FOOT	309	0	309	0	0
542D0223	PIPE CULVERTS, CLASS D, TYPE 1 18"	FOOT	40	0	40	0	0
* 66900200	NON-SPECIAL WASTE DISPOSAL	CU YD	4		4	0	0
* 66900530	SOIL DISPOSAL ANALYSIS	EACH	1		1	0	0
* 66901001	REGULATED SUBSTANCES PRE-CONSTRUCTION PLAN	L SUM	1		1	0	0
* 66901003	REGULATED SUBSTANCES FINAL CONSTRUCTION REPORT	L SUM	1		1	0	0
66901006	REGULATED SUBSTANCES MONITORING	CAL DA	2		2	0	0
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	6	1.5	4.5	0	0
67100100	MOBILIZATION	L SUM	1	0.25	0.75	0	0

\* SPECIALTY ITEM

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PLOT DATE = 2/10/2022	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**SUMMARY OF QUANTITIES**

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
67	*	*	37	4
			CONTRACT NO. 72M22	



6-01446-0000

80% FEDERAL / 20% STATE		50% ST / 50% LOCAL	43% ST / 57% LOCAL
CASS CO.	SANGAMON CO.	SANGAMON CO.	SANGAMON CO.
ROADWAY	ROADWAY	PARKING	FLASHING BEACON
0005	0005	0005	0005
RURAL	RURAL	RURAL	RURAL

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CASS CO. ROADWAY 0005 RURAL	SANGAMON CO. ROADWAY 0005 RURAL	SANGAMON CO. PARKING 0005 RURAL	SANGAMON CO. FLASHING BEACON 0005 RURAL
70100460	TRAFFIC CONTROL AND PROTECTION, STANDARD 701306	L SUM	1	0.05	0.85	0.1	0
70102620	TRAFFIC CONTROL AND PROTECTION, STANDARD 701501	L SUM	1	0	1	0	0
70102640	TRAFFIC CONTROL AND PROTECTION, STANDARD 701801	L SUM	1	0	1	0	0
70300100	SHORT TERM PAVEMENT MARKING	FOOT	5648	112	5536	0	0
70300150	SHORT TERM PAVEMENT MARKING REMOVAL	SQ FT	941	19	922	0	0
* 72000100	SIGN PANEL - TYPE 1	SQ FT	22	0	0	0	22
72400200	REMOVE SIGN PANEL ASSEMBLY - TYPE B	EACH	1	0	0	0	1
72400310	REMOVE SIGN PANEL - TYPE 1	SQ FT	11	0	0	0	11
* 72400500	RELOCATE SIGN PANEL ASSEMBLY - TYPE A	EACH	1	0	1	0	0
* 72800100	TELESCOPING STEEL SIGN SUPPORT	FOOT	36	0	0	0	36
* 78001120	PAINT PAVEMENT MARKING - LINE 5"	FOOT	52651	1139	51512	0	0
* 78009000	MODIFIED URETHANE PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	250	0	250	0	0
* 78009005	MODIFIED URETHANE PAVEMENT MARKING - LINE 5"	FOOT	8471	0	8471	0	0
* 78009006	MODIFIED URETHANE PAVEMENT MARKING - LINE 6"	FOOT	567	0	460	0	107

\* SPECIALTY ITEM

REV. - MS

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PLOT DATE = 2/10/2022	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.
67	*	-	37	5
			CONTRACT NO. 72M22	
			ILLINOIS FED. AID PROJECT	

(3 RS-5, 105 RS-7, 106 RS-R)SW

Cass, Sangamon

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6-01446-0000

80% FEDERAL / 20% STATE	50% ST / 50% LOCAL	43% ST / 57% LOCAL
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CASS CO.	SANGAMON CO.	SANGAMON CO.	SANGAMON CO.
ROADWAY	ROADWAY	PARKING	FLASHING BEACON
0005	0005	0005	0005
RURAL	RURAL	RURAL	RURAL

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CASS CO. ROADWAY 0005 RURAL	SANGAMON CO. ROADWAY 0005 RURAL	SANGAMON CO. PARKING 0005 RURAL	SANGAMON CO. FLASHING BEACON 0005 RURAL
* 78009008	MODIFIED URETHANE PAVEMENT MARKING - LINE 8"	FOOT	341	0	341	0	0
* 78009012	MODIFIED URETHANE PAVEMENT MARKING - LINE 12"	FOOT	401	0	313	0	88
* 78009024	MODIFIED URETHANE PAVEMENT MARKING - LINE 24"	FOOT	64	0	64	0	0
* 78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	491	8	483	0	0
78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	491	8	483	0	0
89502400	REMOVE EXISTING FLASHING BEACON INSTALLATION COMPLETE	EACH	2	0	0	0	2
* X1400326	RECTANGULAR RAPID FLASHING BEACON ASSEMBLY (COMPLETE)	EACH	2	0	0	0	2
X4240420	PORTLAND CEMENT CONCRETE SIDEWALK 4 INCH, SPECIAL	SQ FT	1132	0	1132	0	0
X4240460	PORTLAND CEMENT CONCRETE SIDEWALK 8 INCH, SPECIAL	SQ FT	101	0	101	0	0
Ø Z0076600	TRAINEES	HOUR	1000	1000			
X6063000	CONCRETE GUTTER, TYPE B (SPECIAL)	FOOT	270	0	270	0	0
Ø Z0076604	TRAINEES TRAINING PROGRAM GRADUATE	HOUR	1000	1000			
Z0034105	MATERIAL TRANSFER DEVICE	TON	6039	119	5920	0	0

\* SPECIALTY ITEM

Ø 0042

REV. - MS

USER NAME = cancels PLOT SCALE = 100,0000 ' / in. PLOT DATE = 2/10/2022	DESIGNED - DRAWN - CHECKED - DATE -	REVISED - REVISED - REVISED - REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>SUMMARY OF QUANTITIES</b>	F.A.P. RTE. 67 SECTION * COUNTY * CONTRACT NO. 72M22	TOTAL SHEETS 37 SHEET NO. 6	SCALE: SHEET OF SHEETS STA. TO STA. (3 RS-5, 105 RS-7, 106 RS-R)SW Cass, Sangamon
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# SIDEROAD / ENTRANCE SCHEDULE

PAY ITEM NUMBER								40600982	40800029	40800050	44000100	42300400	X6063000	20200100
LOCATION FAP 67 (IL 125)		LENGTH	WIDTH FRONT	WIDTH BACK	DEPTH	AREA	HMA SURFACE REMOVAL - BUTT JOINT	BITUMINOUS MATERIALS (TACK COAT)	INCIDENTAL HMA SURFACING	PAVEMENT REMOVAL	PCC DRIVEWAY PAVT, 8"	CONCRETE GUTTER, TYPE B (SPECIAL)	EARTH EXCAVATION	
STATION	NAME	LT / RT	FT	FT	FT	SQ YD	SQ YD	POUND	TON	SQ YD	SQ YD	FT	CU YD	
24+51	CASS COUNTY/ASHLAND RD.	LT	23	28	11	42.67	42.7	19.2	3.6					
24+51	SANGAMON COUNTY/ASHLAND RD.	LT	23	18	10	29.67	29.7	13.4	2.5					
24+59	CASS COUNTY/ASHLAND RD.	RT	26	38	13	62.94	62.9	28.3	5.3					
24+59	SANGAMON COUNTY/ASHLAND RD.	RT	26	28	9	42.44	42.4	19.1	3.6					
52+13	PRIVATE ENTRANCE	RT	9.5	36	19	48.03	48.0	21.6	4.0					
79+34	GLICK RD.	LT	12	65	35	65.00	65.0	29.3	5.5					
79+53	GLICK RD.	RT	12	44	26	47.22	47.2	21.3	4.0					
106+75	ROBINSON RD.	LT	12	60	32	60.78	60.8	27.4	5.1					
106+85	ROBINSON RD.	RT	13	64	37	71.00	71.0	32.0	6.0					
222+15	PRIVATE ENTRANCE	RT	12	60	35	103.33	103.3	46.5	8.7					
222+21	ALTMANS RD.	LT	20	75	34.5	122.11	122.1	55.0	10.3					
224+25	JEFFERSON ST.	RT	21	71	41	133.56	133.6	60.1	11.2					
232+80	BUCKEYE RD.	LT	35	85	30.5	219.50	219.5	98.8	18.4					
241+55	4TH ST./DOUGLAS ST.	RT	25	130	116.5	311.56	311.6	140.2	26.2					
241+80	DOUGLAS ST.	LT (CONC)	11.5	47	30	43.00				43.0	43.0	0.0	5	
245+78.41	JACKSON ST.	LT (CONC)	11	41	28	45.73				45.7	35.2	42	8	
245+78.41	JACKSON ST.	RT (CONC)	11	38	19.5	77.56				77.6	68.0	40	16	
269+08	MAIN ST.	RT	20	80	37	134.11	134.1	60.4	11.3					
SUB-TOTAL (CASS COUNTY) =							106	48	9	0	0	0	0	
SUB-TOTAL (SANGAMON COUNTY) =							1388	625	117	166	146	82	28	
TOTAL =							1494	673	126	166	146	82	28	

## SIDEWALK SCHEDULE

PAY ITEM NUMBER		44000600	44000400	X4240420	X4240460	42400800	X6063000
LOCATION FAP 67 (IL 125)	SIDEWALK	SIDEWALK REMOVAL	GUTTER REMOVAL	PCC SIDEWALK, 4" (SPECIAL)	PCC SIDEWALK, 8" (SPECIAL)	DETECTABLE WARNINGS	CONCRETE GUTTER, TYPE B (SPECIAL)
NAME	STANDARD	SQ FT	FT	SQ FT	SQ FT	SQ FT	FT
CARTWRIGHT ST.							
SW QUADRANT	424001-11	85	15	0	101	10	15
DOUGLAS ST.							
NE QUADRANT	424001-11	26	7	38	0	10	10
SW QUADRANT	424001-11	30	0	60	0	10	0
SE QUADRANT	424001-11	60	10	196	0	20	10
JACKSON ST.							
NE QUADRANT	424001-11	100	14	131	0	20	30
SE QUADRANT	424001-11	110	15	135	0	20	30
SW QUADRANT	424001-11	64	11	78	0	10	26
NW QUADRANT	424001-11	70	6	80	0	10	22
CLAY ST.							
NW QUADRANT	424001-11	60	0	75	0	10	0
NE QUADRANT	424001-11	124	14	160	0	20	14
SE QUADRANT	424001-11	70	13	97	0	10	13
NORTH GRANT							
NE QUADRANT	424001-11	59	18	83	0	10	18
TOTAL (SANGAMON COUNTY) =		858	123	1132	101	160	188

## SHORT-TERM PAVEMENT MARKING SCHEDULE

PAY ITEM NUMBER						70300100	70300150
LOCATION FAP 67 (IL 125)		LENGTH	SPACING	NUMBER OF APPLICATIONS	SHORT-TERM PAVE MARK	SHORT-TERM PAVE MARK REM	
STATION	TO	STATION	FT		FT	SQ FT	
19+25.00	TO	24+57.25	532.3	4' / 40'	2	112	19
24+57.25	TO	184+17.48	15960.2	4' / 40'	2	3192	531
STATION EQUATION: 184+17.48 BK = 184+21.41 AH							
184+21.41	TO	272+58.90	8837.5	4' / 40'	2	1776	296
STATION EQUATION: 272+58.90 BK = 272+63.46 AH							
272+63.46	TO	276+50.00	386.5	4' / 40'	2	88	15
DIAGONALS ON HMA SHOULDERS WIDER THAN 4' (LT)							
222+52.57	TO	232+38.74	986.2	4' / 200'	2	48	8
233+23.95	TO	272+58.90	3935.0	4' / 200'	2	168	28
STATION EQUATION: 272+58.90 BK = 272+63.46 AH							
272+63.46	TO	276+50.00	386.5	4' / 200'	2	24	4
DIAGONALS ON HMA SHOULDERS WIDER THAN 4' (RT)							
224+60.91	TO	241+01.84	1640.9	4' / 200'	2	72	12
242+13.69	TO	268+78.66	2665.0	4' / 200'	2	112	19
269+49.21	TO	272+58.90	309.7	4' / 200'	2	24	4
STATION EQUATION: 272+58.90 BK = 272+63.46 AH							
272+63.46	TO	275+39.38	275.9	4' / 200'	2	16	3
275+39.38	TO	276+50.00	110.6	4' / 200'	2	16	3
SUB-TOTAL (CASS COUNTY) =					112	19	
SUB-TOTAL (SANGAMON COUNTY) =					5536	922	
TOTAL =					5648	941	

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	DRAWN -	REVISED -
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PLOT DATE = 3/15/2022	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**SCHEDULE OF QUANTITIES**

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
67	*	*	37	9
CONTRACT NO. 72M22				

(3 RS-5, 105 RS-7, 106 RS-1)SW

Cass, Sangamon

# MODIFIED URETHANE PAVEMENT MARKING SCHEDULE

PAY ITEM NUMBER				78009005	78009006	78009008	78009012	78009024	78009000					
LOCATION FAP 67 (IL 125)				LENGTH	MARKING TYPE	MODIFIED URETHANE PAVEMENT MARKING								
						SOLID, 5"	SOLID, 5"	DOTTED OR SOLID, 6"	SOLID, 8"	SOLID, 12"	SOLID, 12"	SOLID, 24"	ARROWS	
						YELLOW	WHITE	WHITE	WHITE	WHITE	YELLOW	WHITE	WHITE	
STATION	TO	STATION	FT	MODIFIED URETHANE	FT	FT	FT	FT	FT	FT	FT	SQ FT		
152+50	LT	TO	159+49.71	LT	701	SOLID EDGE LINE		701						
152+50.00		TO	153+50.00		200	SOLID DOUBLE CENTER LINE	200							
153+50.00		TO	158+90.00		2162	SOLID DOUBLE MEDIAN EDGE LINES	2162							
153+50.00		TO	158+90.00		84	DIAGONALS MEDIAN LINES				84				
156+50.00		TO	158+90.00		60	DOTTED DASH LINES		60						
158+90.00		TO	161+30.00		480	SOLID DOUBLE CENTER LINE	480							
158+90.00		TO	161+30.00		240	SOLID LINE TURN LANE			240				150	
160+77.81		TO	162+10.11		150	DIAGONALS ISLAND LINES				150				
160+77.81		TO	162+10.11		341	SOLID ISLAND EDGE LINES			341					
162+26.11		TO	163+41.11		230	SOLID DOUBLE CENTER LINE	230							
162+26.11		TO	163+41.11		115	SOLID LINE TURN LANE							100	
163+41.11		TO	168+21.11		1922	SOLID DOUBLE MEDIAN EDGE LINES	1922							
163+41.11		TO	168+21.11		78	DIAGONALS MEDIAN LINES					79			
163+41.11		TO	165+21.13		45	DOTTED DASH LINES		45						
168+21.11		TO	169+21.00		200	SOLID DOUBLE CENTER LINE	200							
152+50	RT	TO	161+09.21	RT	860	SOLID EDGE LINE		860						
163+13.00	RT	TO	169+21.00	RT	608	SOLID EDGE LINE		608						
242+09.68		TO	242+14.68		88	LADDER PEDESTRIAN CROSSWALKS				88				
242+09.68		TO	242+14.68		107	LADDER PEDESTRIAN CROSSWALKS			107					
FAP 48 (IL 123)														
246+64.35	RT	TO	248+83.55	RT	339	SOLID EDGE LINE		339						
246+64.35	LT	TO	248+83.55	LT	289	SOLID EDGE LINE		289						
				248+52.98	RT	18	STOP BARS (IL 123-TURN LANE)					18		
				248+54.31	LT	12	STOP BARS (IL 123)					12		
TR 22 (YANKEE TOWN RD)														
8+01.96	LT	TO	9+81.33	LT	217	SOLID EDGE LINE		217						
8+01.96	RT	TO	9+81.33	RT	263	SOLID EDGE LINE		263						
9+47.69	RT	TO	9+60.09	RT	34	STOP BARS (YANKEE RD)						34		
SUB-TOTAL =							5194	3277	567	341	238	163	64	250
TOTAL (SANGAMON COUNTY) =							8471	460	341		313		64	250
TOTAL (FLASHING BEACON-SANGAMON COUNTY) =							0	107	0		88		0	0

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	DRAWN -	REVISED -	
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PLOT DATE = 2/10/2022	DATE -	REVISED -	

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
67	*	-	37	10
CONTRACT NO. 72M22				
ILLINOIS FED. AID PROJECT				

### PAVEMENT MARKING SCHEDULE

PAY ITEM NUMBER				78001120	
LOCATION FAP 67(IL 125) EDGE OF PAVEMENT LINE			LENGTH	PAINT PAVEMENT MARKING - LINE 5" WHITE	
STATION	TO	STATION	FT	FT	
FAP 67 (IL 125) LT					
19+25.00	TO	24+26.00	501.00	501	
COUNTY LINE/ ASHLAND RD					
24+72.40	TO	78+98.95	5426.55	5427	
GLICK RD					
79+63.81	TO	106+40.70	2676.89	2677	
ROBINSON RD					
107+01.19	TO	152+50.00	4548.81	4549	
169+21.11	TO	184+17.48	1496.37	1496	
STATION EQUATION: 184+17.48 BK = 184+21.41 AH					
184+21.41	TO	221+86.83	3765.42	3765	
ALTMANS RD					
222+61.71	TO	231+81.22	919.51	920	
BUCKEYE RD					
234+20.21	TO	239+47.68	527.47	527	
CARTWRIGHT ST					
239+99.70	TO	241+55.91	156.21	156	
DOUGLAS ST					
242+03.83	TO	245+59.04	355.21	355	
JACKSON ST					
245+99.28	TO	249+51.36	352.08	352	
CLAY ST					
249+93.68	TO	253+44.22	350.54	351	
N. GRANT ST					
253+85.22	TO	256+10.11	224.89	225	
CIRCLE DR					
256+44.36	TO	272+58.90	1614.54	1615	
STATION EQUATION: 272+58.90 BK = 272+63.46 AH					
272+63.46	TO	276+50.00	386.54	387	
SUB-TOTAL LT (CASS COUNTY) =				501	
SUB-TOTAL LT (SANGAMON COUNTY) =				22801	

### PAVEMENT MARKING SCHEDULE

PAY ITEM NUMBER				78001120	
LOCATION FAP 67(IL 125) EDGE OF PAVEMENT LINE			LENGTH	PAINT PAVEMENT MARKING - LINE 5" WHITE	
STATION	TO	STATION	FT	FT	
FAP 67 (IL 125) RT					
19+25.00	TO	24+22.63	497.63	498.0	
ASHLAND RD					
24+88.75	TO	79+30.40	5441.65	5441.7	
GLICK RD					
79+74.12	TO	106+59.72	2685.60	2686.0	
ROBINSON RD					
107+23.29	TO	152+50.00	4526.71	4527	
169+21.11	TO	184+17.48	1496.37	1496	
STATION EQUATION: 184+17.48 BK = 184+21.41 AH					
184+21.41	TO	223+89.64	3968.23	3968	
JEFFERSON ST					
224+92.27	TO	235+29.13	1036.86	1037	
LINCOLN ST					
235+88.46	TO	239+44.73	356.27	356	
CARTWRIGHT ST					
240+09.55	TO	240+88.49	78.94	79	
4TH ST/ DOUGLAS ST					
242+26.86	TO	245+59.09	332.23	332	
JACKSON ST					
246+06.38	TO	249+45.00	338.62	339	
CLAY ST					
250+10.75	TO	253+68.00	357.25	357	
N. GRANT ST					
254+25.73	TO	268+67.46	1441.73	1442	
MAIN ST					
269+75.76	TO	272+58.90	283.14	283	
STATION EQUATION: 272+58.90 BK = 272+63.46 AH					
272+63.46	TO	276+50.00	386.54	387	
SUB-TOTAL RT (CASS COUNTY) =				498	
SUB-TOTAL RT (SANGAMON COUNTY) =				22731	

### PAVEMENT MARKING SCHEDULE

PAY ITEM NUMBER				78001120	
LOCATION FAP 67 (IL 125) CENTERLINE			LENGTH	PAINT PAVEMENT MARKING - LINE 5" SKIP DASH YELLOW	
STATION	TO	STATION	FT	FT	
19+25.00	TO	24+57.25	532.25	140	
24+57.25	TO	152+50.00	12792.75	3200	
169+21.11	TO	184+17.48	1496.37	380	
STATION EQUATION: 184+17.48 BK = 184+21.41 AH					
184+21.41	TO	272+58.90	8837.49	2210	
STATION EQUATION: 272+58.90 BK = 272+63.46 AH					
272+63.46	TO	276+50.00	386.54	100	
FAP 48 (IL 123)					
246+64.30	TO	248+54.31	190.01	50	
TR 22 (YANKEE TOWN RD)					
8+01.90	TO	9+60.09	158.19	40	
SUB-TOTAL (CASS COUNTY) =				140	
SUB-TOTAL (SANGAMON COUNTY) =				5980	
SUB-TOTAL (CASS COUNTY FROM LEFT) =				501	
SUB-TOTAL (CASS COUNTY FROM CENTER) =				498	
SUB-TOTAL (CASS COUNTY FROM ABOVE) =				140	
TOTAL (CASS COUNTY) =				1139	
SUB-TOTAL (SANGAMON COUNTY FROM LEFT) =				22801	
SUB-TOTAL (SANGAMON COUNTY FROM CENTER) =				22731	
SUB-TOTAL (SANGAMON COUNTY FROM ABOVE) =				5980	
TOTAL (SANGAMON COUNTY) =				51512	
WHITE = 46531			YELLOW = 6120		

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PLOT DATE = 2/10/2022	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**SCHEDULE OF QUANTITIES**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
67	*	*	37	11
CONTRACT NO. 72M22				
ILLINOIS FED. AID PROJECT				

(3 R5-5, 105 R5-7, 106 R5-R)SW

Cass, Sangamon

## REFLECTOR SCHEDULE

PAY ITEM NUMBER				78300200	78100100
LOCATION FAP 67 (IL 125)		LENGTH	MARKER TYPE	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	RAISED REFLECTIVE PAVEMENT MARKER
STATION	TO	STATION	FT	EACH	EACH
19+25.00	TO	24+57.25	532.3	TWO-WAY AMBER, 80' O.C.	8
24+57.25	TO	152+50.00	12792.8	TWO-WAY AMBER, 80' O.C.	161
152+50.00	TO	161+30.00	880.0	TWO-WAY AMBER, 40' O.C.	46
158+90.00	TO	161+30.00	240.0	ONE-WAY CRYSTAL, 40' O.C.	7
162+26.00	TO	163+41.00	115.0	ONE-WAY CRYSTAL, 40' O.C.	4
162+26.00	TO	169+21.00	695.0	TWO-WAY AMBER, 40' O.C.	41
169+21.00	TO	184+17.48	1496.5	TWO-WAY AMBER, 80' O.C.	20
STATION EQUATION: 184+17.48 BK = 184+21.41 AH					
184+21.41	TO	213+85.00	2963.6	TWO-WAY AMBER, 80' O.C.	39
213+85.00	TO	269+50.00	5565.0	TWO-WAY AMBER, 40' O.C.	141
269+50.00	TO	272+58.90	308.9	TWO-WAY AMBER, 80' O.C.	5
STATION EQUATION: 272+58.90 BK = 272+63.46 AH					
272+63.46	TO	276+50.00	386.5	TWO-WAY AMBER, 80' O.C.	6
FAP 48 (IL 123)					
246+64.35	TO	248+83.55	219.2	TWO-WAY AMBER, 80' O.C.	4
246+64.35	TO	248+16.00	151.7	ONE-WAY CRYSTAL, 40' O.C.	9
SUB-TOTAL (CASS COUNTY) =				8	8
SUB-TOTAL (SANGAMON COUNTY) =				483	483
TOTAL =				491	491

## PIPE CULVERT SCHEDULE

PAY ITEM NUMBER			50105220	542D0220	542D0223	40200800	
LOCATION ILL 125	OFFSET	ENTRANCE OR SIDEROAD	EXISTING PIPE CULVERT	PIPE CULVERT REMOVAL	PIPE CULVERT CL D, TY 1, 15" (CMP)	PIPE CULVERT CL D, TY 1, 18" (CMP)	AGG SURF CSE, TY B
STATION	LT / RT		FT	FT	FT	FT	TON
STA. 38+25	LT	FE	15" CLAY	18	30		2.0
STA. 44+70	LT	FE	15" CONC	30	30		2.0
STA. 51+50	LT	FE	15" CMP	39	39		3.0
STA. 52+10	LT	FE	15" CMP	28	30		2.2
STA. 68+80	LT	FE	15" CMP	30	30		2.5
STA. 119+00	LT	FE	15" CLAY	18	30		2.0
STA. 134+20	LT	FE	15" CLAY	18	30		2.0
STA. 134+40	RT	FE	15" CLAY	18	30		2.0
STA. 141+50	LT	FE	15" CLAY	17	30		2.0
STA. 213+40	LT	FE	15" CLAY	16	30		2.0
STA. 222+20	LT	SIDEROAD	18" CMP	39		40	2.8
TOTAL (SANGAMON COUNTY) =				271	309	40	24

## GRADING & SHAPING SCHEDULE

PAY ITEM NUMBER				21400100	
LOCATION ILL 125			OFFSET	GRADING & SHAPING DITCHES	
STATION	TO	STATION	LT / RT	FT	
STA. 37+11.50	TO	STA. 39+41.50	LT	200	
STA. 43+49.30	TO	STA. 45+79.55	LT	200	
STA. 50+29.00	TO	STA. 53+26.20	LT	200	
STA. 67+63.15	TO	STA. 69+93.15	LT	200	
STA. 79+71.85	TO	STA. 80+71.85	LT	100	
STA. 117+79.50	TO	STA. 120+09.50	LT	200	
STA. 133+08.00	TO	STA. 135+38.00	LT	200	
STA. 133+19.85	TO	STA. 135+49.85	RT	200	
STA. 140+10.70	TO	STA. 142+40.65	LT	200	
STA. 212+23.90	TO	STA. 214+53.90	LT	200	
STA. 221+50.00	TO	STA. 221+97.00	LT	63	
TOTAL (SANGAMON COUNTY) =				1963	

## POST & SIGN SCHEDULE

PAY ITEM NUMBER		89502400	X1400326	72800100	72400310	72000100	72400500	72400200	
LOCATION ILL 125		OFFSET	REMOVE EXISTING FLASHING BEACON INSTALLATION COMPLETE	RECTANGULAR RAPID FLASHING BEACON ASSEMBLY (COMPLETE)	TELESCOPING STEEL SIGN SUPPORT	REMOVE SIGN PANEL - TY 1	SIGN PANEL - TY 1	RELOCATE SIGN PANEL ASSEMBLY TYPE A	REMOVE SIGN PANEL ASSEMBLY - TYPE B
STATION	LT / RT		EACH	EACH	FT	SQ FT	SQ FT	EACH	EACH
STA. 234+34.20	27.5' RT		1						
STA. 234+31.20	27.5' RT				18		11		
STA. 240+04	32.5' RT					11			
STA. 242+08	28' LT			1					
STA. 242+19	23' RT			1					
STA. 243+48	26' LT								1
STA. 246+00	27.72' LT							1	
STA. 246+74	26' LT		1						
STA. 246+77	26' LT				18		11		
TOTAL (SANGAMON COUNTY) =								1	
TOTAL (FLASHING BEACON - SANGAMON COUNTY) =			2	2	36	11	22		1

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	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**SCHEDULE OF QUANTITIES**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
67	*	*	37	12

CONTRACT NO. 72M22

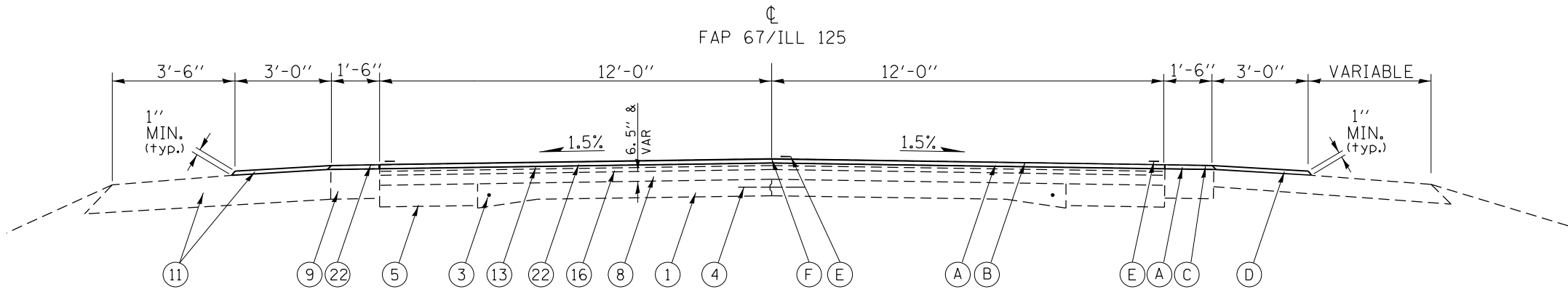
(3 RS-5, 105 RS-7, 106 RS-R)SW

Cass, Sangamon

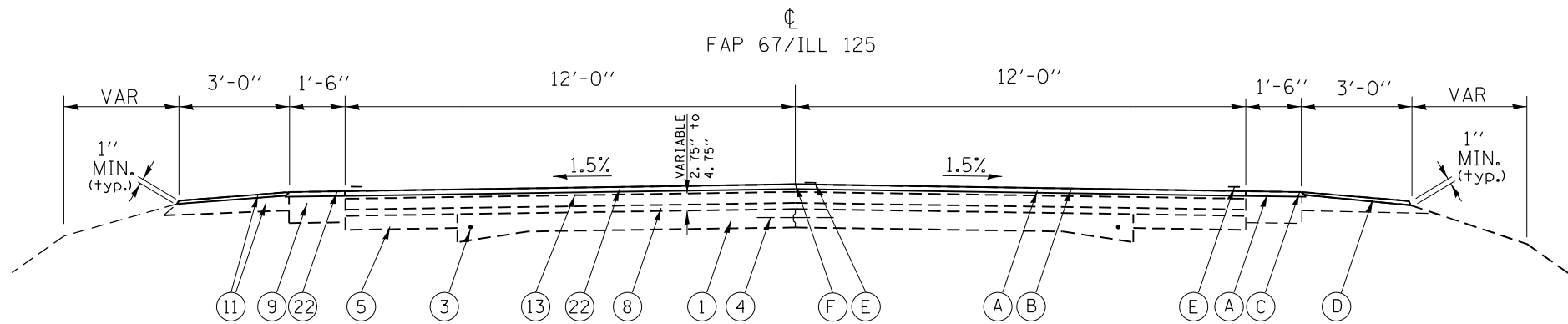


# LEGEND

- ① EXIST. P.C.C. PAVEMENT (9'-6"-9')
  - ② EXIST. P.C.C. PAVEMENT, 9'-6"-9' WITH LONGITUDINAL METAL JOINT & 2'-0" DEFORMED BARS @ 30" CTRS.
  - ③ EXIST. 3/4" DIA. BAR
  - ④ EXIST. 1/2" DIA. BAR
  - ⑤ EXIST. P.C.C. WIDENING 8"
  - ⑥ EXIST. P.C.C. BASE COURSE WIDENING, 9"
  - ⑦ EXIST. BITUMINOUS WIDENING OR BASE COURSE 9"
  - ⑧ EXIST. BITUMINOUS SURFACE (SEE TYPICAL SECTIONS FOR THICKNESS)
  - ⑨ EXIST. BITUMINOUS SHOULDERS, 10"
  - ⑩ EXIST. BITUMINOUS SHOULDERS, 8"
  - ⑪ EXIST. AGGREGATE SHOULDERS
  - ⑫ EXIST. CONCRETE GUTTER
  - ⑬ EXIST. BITUMINOUS CONCRETE SURFACE COURSE, MIX. D, CLASS 1, TYPE 2
  - ⑭ EXIST. SUB-BASE GRANULAR MATERIAL, TY A, 8"
  - ⑮ EXIST. BITUMINOUS CONCRETE SURFACE, TOTAL DEPTH = 6.5"
  - ⑯ EXIST. LEVELING BINDER (MACHINE METHOD) TY 2 - VARIABLE DEPTH
  - ⑰ EXIST. LEVELING BINDER (MACHINE METHOD) HMA, N70, 1"
  - ⑱ EXIST. HOT-MIX ASPHALT SHOULDERS, 8"
  - ⑲ EXIST. HOT-MIX ASPHALT BASE COURSE WIDENING, 12"
  - ⑳ EXIST. AGGREGATE SHOULDER, TYPE B, 6"
  - ㉑ EXIST. BITUMINOUS BASE COURSE WIDENING, 9"
  - ㉒ EXIST. HOT-MIX ASPHALT SURFACE COURSE, MIX D, N70, 1-1/2"
- 
- (A) PROP. HOT-MIX ASPHALT SURFACE REMOVAL, 1-1/2"
  - (B) PROP. POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX D, N50, 1-1/2"
  - (C) PROP. HOT-MIX ASPHALT SHOULDERS
  - (D) PROP. AGREGATE SHOULDERS, TYPE-B
  - (E) PROP. PAVEMENT MARKING - LINE 5"
  - (F) PROP. LONGITUDINAL JOINT SEALANT



**TYPICAL CROSS SECTION #1**  
**19+25.00 TO 24+46.50**



**TYPICAL CROSS SECTION #2**  
**24+46.50 TO 61+99.50**

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 PLOT DATE: 2/10/2022

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	DRAWN -	REVISED -
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PLOT DATE = 2/10/2022	DATE -	REVISED -

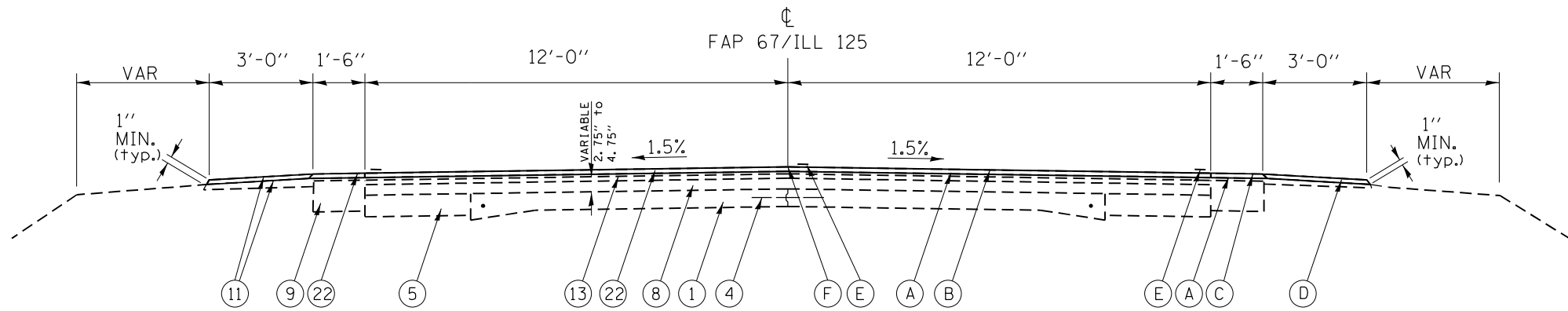
STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

TYPICAL CROSS SECTIONS			
SCALE:	SHEET 1	OF 5 SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
67	*	*	37	13
CONTRACT NO. 72M22				
ILLINOIS FED. AID PROJECT				

(3 RS-5, 105 RS-7, 106 RS-R)SW

Cass, Sangamon

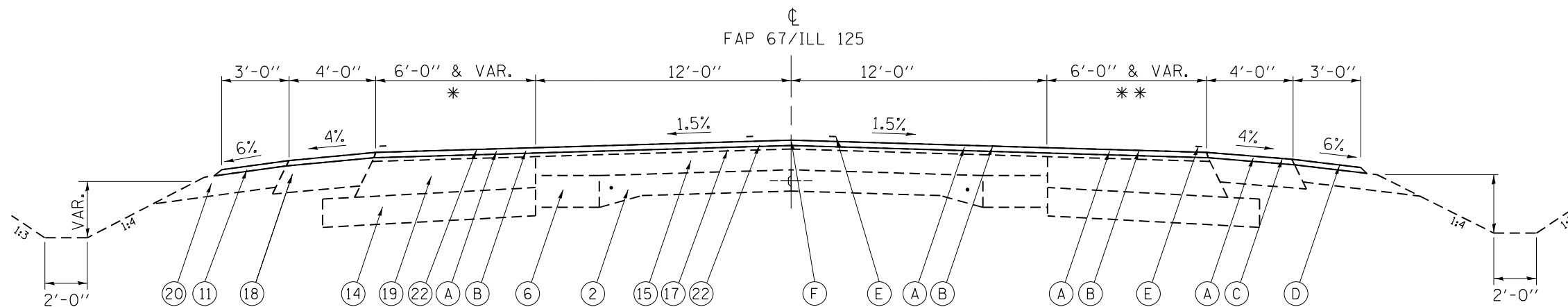


**TYPICAL CROSS SECTION #3**

**61+99.50 TO 152+50.00**  
**169+21.11 TO 184+17.48**  
**STATION EQUATION:**  
**184+17.48 BACK = 184+21.41 AHEAD**  
**184+21.41 TO 213+84.91**

**LEGEND**

- ① EXIST. P.C.C. PAVEMENT (9"-6"-9")
- ② EXIST. P.C.C. PAVEMENT, 9"-6"-9" WITH LONGITUDINAL METAL JOINT & 2'-0" DEFORMED BARS @ 30" CTRS.
- ③ EXIST. 3/4" DIA. BAR
- ④ EXIST. 1/2" DIA. BAR
- ⑤ EXIST. P.C.C. WIDENING 8"
- ⑥ EXIST. P.C.C. BASE COURSE WIDENING, 9"
- ⑦ EXIST. BITUMINOUS WIDENING OR BASE COURSE 9"
- ⑧ EXIST. BITUMINOUS SURFACE (SEE TYPICAL SECTIONS FOR THICKNESS)
- ⑨ EXIST. BITUMINOUS SHOULDERS, 10"
- ⑩ EXIST. BITUMINOUS SHOULDERS, 8"
- ⑪ EXIST. AGGREGATE SHOULDERS
- ⑫ EXIST. CONCRETE GUTTER
- ⑬ EXIST. BITUMINOUS CONCRETE SURFACE COURSE, MIX. D, CLASS 1, TYPE 2
- ⑭ EXIST. SUB-BASE GRANULAR MATERIAL, TY A, 8"
- ⑮ EXIST. BITUMINOUS CONCRETE SURFACE, TOTAL DEPTH = 6.5"
- ⑯ EXIST. LEVELING BINDER (MACHINE METHOD) TY 2 - VARIABLE DEPTH
- ⑰ EXIST. LEVELING BINDER (MACHINE METHOD) HMA, N70, 1"
- ⑱ EXIST. HOT-MIX ASPHALT SHOULDERS, 8"
- ⑲ EXIST. HOT-MIX ASPHALT BASE COURSE WIDENING, 12"
- ⑳ EXIST. AGGREGATE SHOULDER, TYPE B, 6"
- ㉑ EXIST. BITUMINOUS BASE COURSE WIDENING, 9"
- ㉒ EXIST. HOT-MIX ASPHALT SURFACE COURSE, MIX D, N70, 1-1/2"
- A PROP. HOT-MIX ASPHALT SURFACE REMOVAL, 1-1/2"
- B PROP. POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX D, N50, 1-1/2"
- C PROP. HOT-MIX ASPHALT SHOULDERS
- D PROP. AGREGATE SHOULDERS, TYPE-B
- E PROP. PAVEMENT MARKING - LINE 5"
- F PROP. LONGITUDINAL JOINT SEALANT



**TYPICAL CROSS SECTION #4**

**152+50.00 TO 169+21.11**

**EXIST. PAVEMENT WIDENING TRANSITIONS:**

- \* 1'-0" STUB AT 154+40 LT TO 6'-0" AT 158+90.00 LT  
 CONSTANT 6'-0" WIDTH BETWEEN 158+90.00 LT TO 159+49.71 LT  
 VARIABLE WIDTH BETWEEN 159+49.71 LT TO 162+75.71 LT (IL 123)  
 CONSTANT 6'-0" WIDTH BETWEEN 162+75.71 LT TO 165+21.11 LT  
 6'-0" AT 165+21.11 LT TO A 1'-0" STUB AT 167+71.11 LT
- \*\* 1'-0" STUB AT 154+00.00 RT TO 6'-0" AT 156+50.00 RT  
 CONSTANT 6'-0" WIDTH BETWEEN 156+50.00 RT TO 161+09.21 RT  
 VARIABLE WIDTH BETWEEN 161+09.21 RT TO 163+13.00 RT  
 CONSTANT WIDTH BETWEEN 163+13.00 RT TO 163+41.11 RT  
 6'-0" AT 163+41.11 RT TO A 1'-0" STUB AT 167+41.11 RT

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	DRAWN -	REVISED -
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PLOT DATE = 2/10/2022	DATE -	REVISED -

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

**TYPICAL CROSS SECTIONS**

SCALE: SHEET 2 OF 5 SHEETS STA. TO STA.

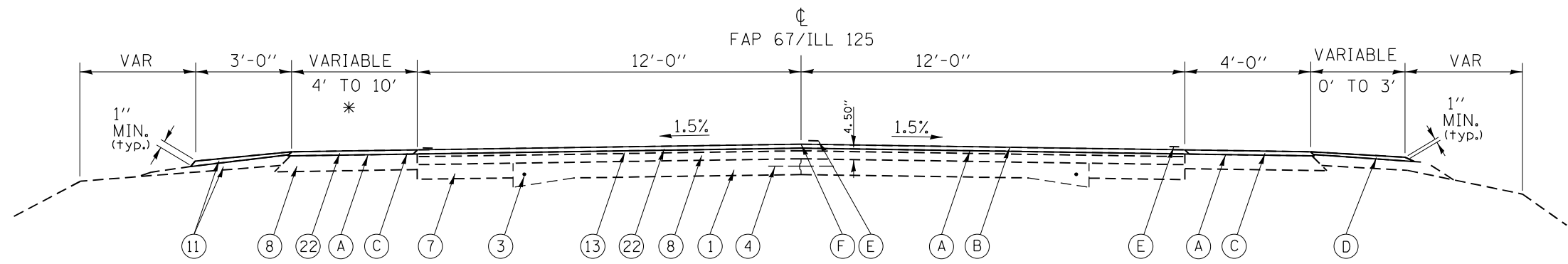
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
67	*	*	37	14
			CONTRACT NO. 72M22	
			ILLINOIS FED. AID PROJECT	

(3 RS-5, 105 RS-7, 106 RS-R)SW

Cass, Sangamon

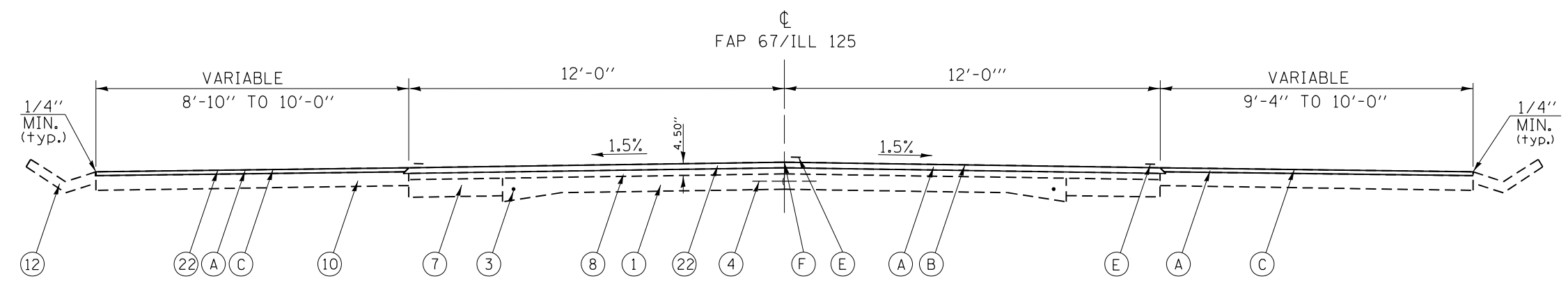
# LEGEND

- ① EXIST. P.C.C. PAVEMENT (9'-6"-9')
  - ② EXIST. P.C.C. PAVEMENT, 9'-6"-9' WITH LONGITUDINAL METAL JOINT & 2'-0" DEFORMED BARS @ 30" CTRS.
  - ③ EXIST. 3/4" DIA. BAR
  - ④ EXIST. 1/2" DIA. BAR
  - ⑤ EXIST. P.C.C. WIDENING 8"
  - ⑥ EXIST. P.C.C. BASE COURSE WIDENING, 9"
  - ⑦ EXIST. BITUMINOUS WIDENING OR BASE COURSE 9"
  - ⑧ EXIST. BITUMINOUS SURFACE  
(SEE TYPICAL SECTIONS FOR THICKNESS)
  - ⑨ EXIST. BITUMINOUS SHOULDERS, 10"
  - ⑩ EXIST. BITUMINOUS SHOULDERS, 8"
  - ⑪ EXIST. AGGREGATE SHOULDERS
  - ⑫ EXIST. CONCRETE GUTTER
  - ⑬ EXIST. BITUMINOUS CONCRETE SURFACE COURSE, MIX. D, CLASS 1, TYPE 2
  - ⑭ EXIST. SUB-BASE GRANULAR MATERIAL, TY A, 8"
  - ⑮ EXIST. BITUMINOUS CONCRETE SURFACE, TOTAL DEPTH = 6.5"
  - ⑯ EXIST. LEVELING BINDER (MACHINE METHOD) TY 2 - VARIABLE DEPTH
  - ⑰ EXIST. LEVELING BINDER (MACHINE METHOD) HMA, N70, 1"
  - ⑱ EXIST. HOT-MIX ASPHALT SHOULDERS, 8"
  - ⑲ EXIST. HOT-MIX ASPHALT BASE COURSE WIDENING, 12"
  - ⑳ EXIST. AGGREGATE SHOULDER, TYPE B, 6"
  - ㉑ EXIST. BITUMINOUS BASE COURSE WIDENING, 9"
  - ㉒ EXIST. HOT-MIX ASPHALT SURFACE COURSE, MIX D, N70, 1-1/2"
- 
- (A) PROP. HOT-MIX ASPHALT SURFACE REMOVAL, 1-1/2"
  - (B) PROP. POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX D, N50, 1-1/2"
  - (C) PROP. HOT-MIX ASPHALT SHOULDERS
  - (D) PROP. AGGREGATE SHOULDERS, TYPE-B
  - (E) PROP. PAVEMENT MARKING - LINE 5"
  - (F) PROP. LONGITUDINAL JOINT SEALANT



\* - EXISTING SHOULDER WIDTHS:  
 4'-0" WIDTH AT:  
 213+85.00 TO 221+91.00  
 10'-0" WIDTH AT:  
 222+52.57 TO 224+39.51

## TYPICAL CROSS SECTION #5 213+84.91 TO 224+39.51



EXISTING CONCRETE V-GUTTER LOCATION:  
 224+78.78 LT TO 273+01.45 LT

## TYPICAL CROSS SECTION #6 224+39.51 TO 261+27.81

EXISTING CONCRETE V-GUTTER LOCATION:  
 224+55.40 RT TO 264+49.69 RT

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DRAWN -	REVISIONS -	
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PLOT DATE = 2/10/2022	DATE -	REVISED -

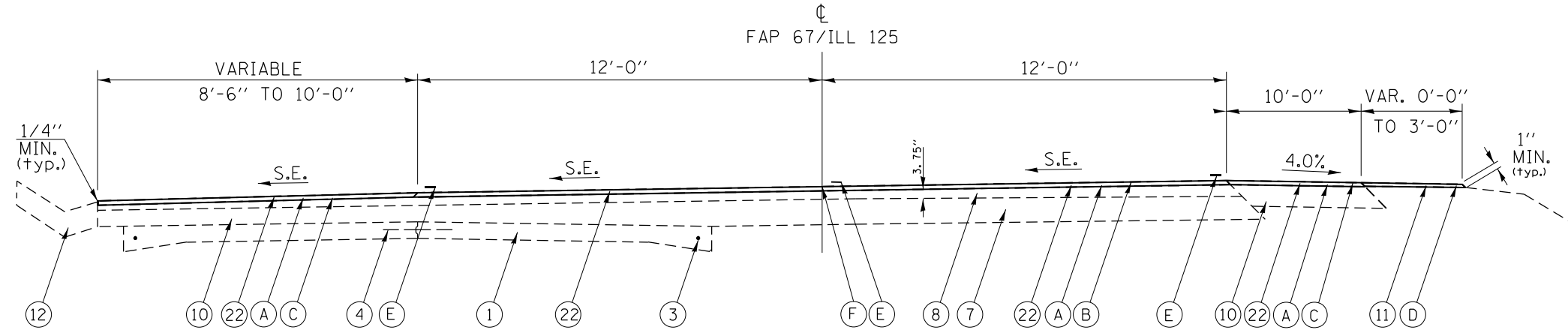
**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

<b>TYPICAL CROSS SECTIONS</b>			
SCALE:	SHEET 3	OF 5 SHEETS	STA. TO STA.

F.A.P. RTE. 67	SECTION *	COUNTY *	TOTAL SHEETS 37	SHEET NO. 15
			CONTRACT NO. 72M22	
		ILLINOIS FED. AID PROJECT		

# LEGEND

- ① EXIST. P.C.C. PAVEMENT (9'-6"-9')
- ② EXIST. P.C.C. PAVEMENT, 9'-6"-9' WITH LONGITUDINAL METAL JOINT & 2'-0" DEFORMED BARS @ 30" CTRS.
- ③ EXIST. 3/4" DIA. BAR
- ④ EXIST. 1/2" DIA. BAR
- ⑤ EXIST. P.C.C. WIDENING 8"
- ⑥ EXIST. P.C.C. BASE COURSE WIDENING, 9"
- ⑦ EXIST. BITUMINOUS WIDENING OR BASE COURSE 9"
- ⑧ EXIST. BITUMINOUS SURFACE (SEE TYPICAL SECTIONS FOR THICKNESS)
- ⑨ EXIST. BITUMINOUS SHOULDERS, 10"
- ⑩ EXIST. BITUMINOUS SHOULDERS, 8"
- ⑪ EXIST. AGGREGATE SHOULDERS
- ⑫ EXIST. CONCRETE GUTTER
- ⑬ EXIST. BITUMINOUS CONCRETE SURFACE COURSE, MIX. D, CLASS 1, TYPE 2
- ⑭ EXIST. SUB-BASE GRANULAR MATERIAL, TY A, 8"
- ⑮ EXIST. BITUMINOUS CONCRETE SURFACE, TOTAL DEPTH = 6.5"
- ⑯ EXIST. LEVELING BINDER (MACHINE METHOD) TY 2 - VARIABLE DEPTH
- ⑰ EXIST. LEVELING BINDER (MACHINE METHOD) HMA, N70, 1"
- ⑱ EXIST. HOT-MIX ASPHALT SHOULDERS, 8"
- ⑲ EXIST. HOT-MIX ASPHALT BASE COURSE WIDENING, 12"
- ⑳ EXIST. AGGREGATE SHOULDER, TYPE B, 6"
- ㉑ EXIST. BITUMINOUS BASE COURSE WIDENING, 9"
- ㉒ EXIST. HOT-MIX ASPHALT SURFACE COURSE, MIX D, N70, 1-1/2"
- (A) PROP. HOT-MIX ASPHALT SURFACE REMOVAL, 1-1/2"
- (B) PROP. POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX D, N50, 1-1/2"
- (C) PROP. HOT-MIX ASPHALT SHOULDERS
- (D) PROP. AGREGATE SHOULDERS, TYPE-B
- (E) PROP. PAVEMENT MARKING - LINE 5"
- (F) PROP. LONGITUDINAL JOINT SEALANT

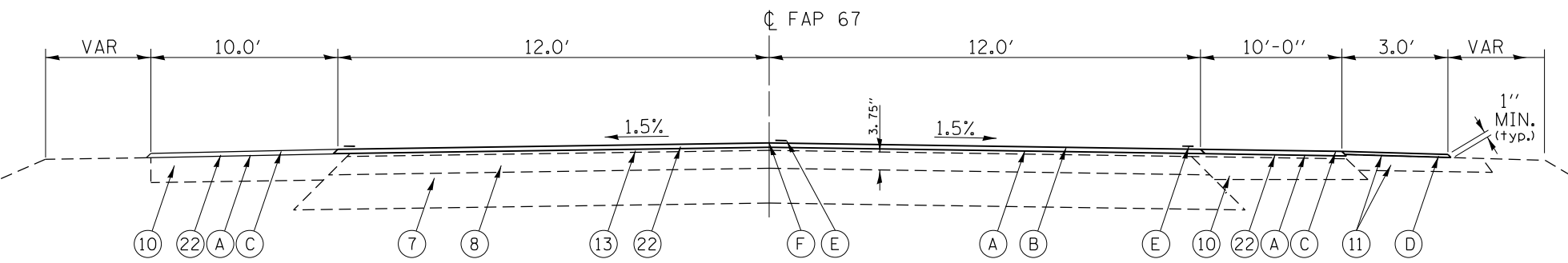


EXISTING CONCRETE V-GUTTER LOCATION:  
224+78.78 LT TO 273+01.45 LT

## TYPICAL CROSS SECTION #7

261+27.81 TO 272+58.90  
**STATION EQUATION:**  
 272+58.90 (BACK) = 272+63.46 (AHEAD)  
 272+63.46 TO 273+01.45

EXISTING CONCRETE V-GUTTER LOCATION:  
224+55.40 RT TO 264+49.69 RT  
 EXISTING SUPERELEVATION RATES  
 ENCOUNTERED SHALL BE RETAINED.



## TYPICAL CROSS SECTION #8

273+01.45 TO 276+50.00

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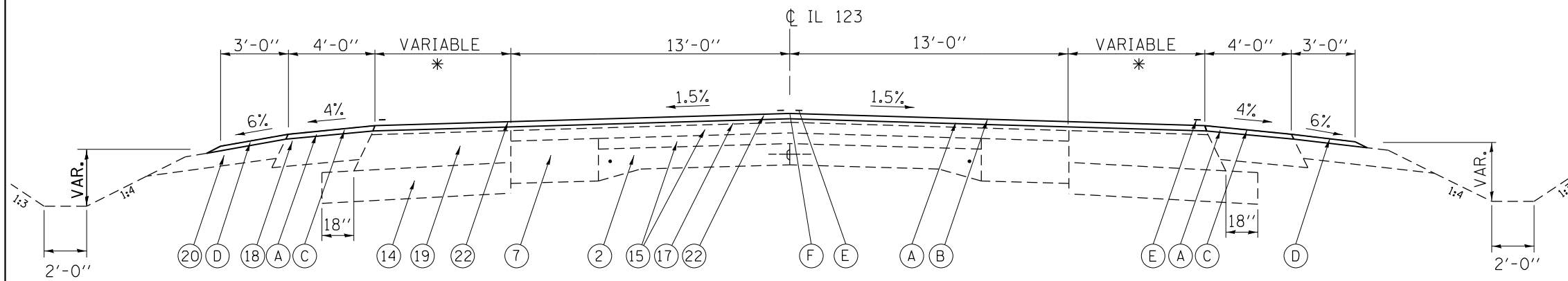
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

TYPICAL CROSS SECTIONS			
SCALE:	SHEET 4	OF 5 SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
67	*	*	37	16
CONTRACT NO. 72M22				
ILLINOIS FED. AID PROJECT				

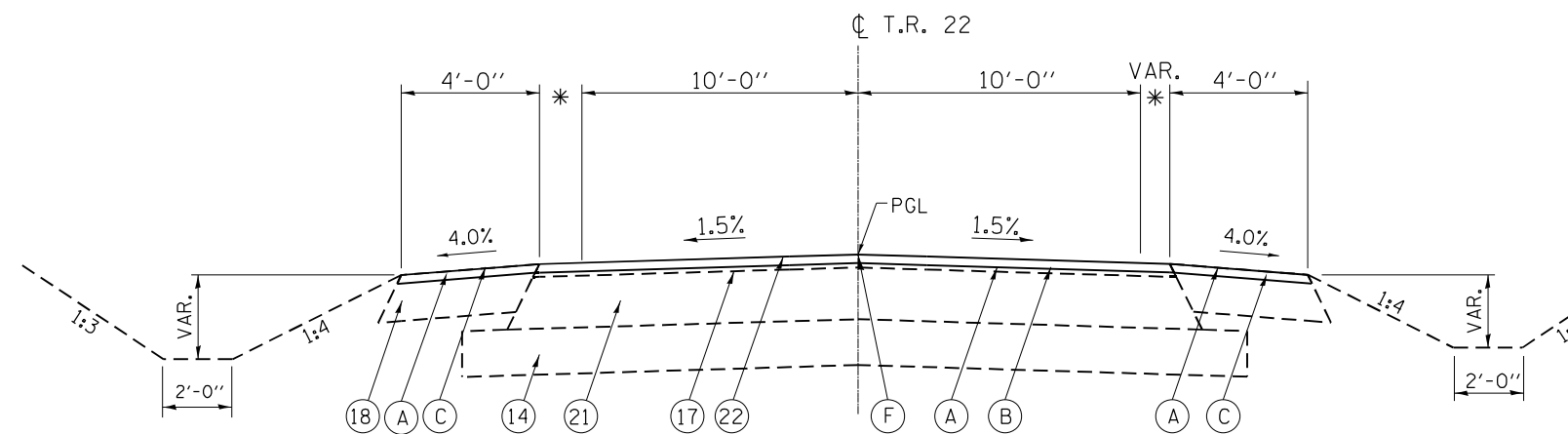
# LEGEND

- ① EXIST. P.C.C. PAVEMENT (9'-6"-9')
- ② EXIST. P.C.C. PAVEMENT, 9'-6"-9' WITH LONGITUDINAL METAL JOINT & 2'-0" DEFORMED BARS @ 30" CTRS.
- ③ EXIST. 3/4" DIA. BAR
- ④ EXIST. 1/2" DIA. BAR
- ⑤ EXIST. P.C.C. WIDENING 8"
- ⑥ EXIST. P.C.C. BASE COURSE WIDENING, 9"
- ⑦ EXIST. BITUMINOUS WIDENING OR BASE COURSE 9"
- ⑧ EXIST. BITUMINOUS SURFACE  
(SEE TYPICAL SECTIONS FOR THICKNESS)
- ⑨ EXIST. BITUMINOUS SHOULDERS, 10"
- ⑩ EXIST. BITUMINOUS SHOULDERS, 8"
- ⑪ EXIST. AGGREGATE SHOULDERS
- ⑫ EXIST. CONCRETE GUTTER
- ⑬ EXIST. BITUMINOUS CONCRETE SURFACE COURSE, MIX. D, CLASS 1, TYPE 2
- ⑭ EXIST. SUB-BASE GRANULAR MATERIAL, TY A, 8"
- ⑮ EXIST. BITUMINOUS CONCRETE SURFACE, TOTAL DEPTH = 6.5"
- ⑯ EXIST. LEVELING BINDER (MACHINE METHOD) TY 2 - VARIABLE DEPTH
- ⑰ EXIST. LEVELING BINDER (MACHINE METHOD) HMA, N70, 1"
- ⑱ EXIST. HOT-MIX ASPHALT SHOULDERS, 8"
- ⑲ EXIST. HOT-MIX ASPHALT BASE COURSE WIDENING, 12"
- ⑳ EXIST. AGGREGATE SHOULDER, TYPE B, 6"
- ㉑ EXIST. BITUMINOUS BASE COURSE WIDENING, 9"
- ㉒ EXIST. HOT-MIX ASPHALT SURFACE COURSE, MIX D, N70, 1-1/2"
  
- Ⓐ PROP. HOT-MIX ASPHALT SURFACE REMOVAL, 1-1/2"
- Ⓑ PROP. POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX D, N50, 1-1/2"
- Ⓒ PROP. HOT-MIX ASPHALT SHOULDERS
- Ⓓ PROP. AGREGATE SHOULDERS, TYPE-B
- Ⓔ PROP. PAVEMENT MARKING - LINE 5"
- Ⓕ PROP. LONGITUDINAL JOINT SEALANT



**TYPICAL CROSS SECTION #9**  
**IL RTE. 123 (FAP 48)**  
**246+79.30 TO 248+83.48**

\* - VARIABLE WIDTH AT INTERSECTION WITH IL 125, STARTING AT:  
 RT STA. 247+60.17  
 LT STA. 247+14.35



**TYPICAL CROSS SECTION #10**  
**T.R. 22 (YANKEE TOWN RD.)**  
**8+01.96 TO 9+81.39**

\* - VARIABLE WIDTH AT INTERSECTION WITH IL 125, STARTING AT:  
 RT STA. 9+10.10  
 LT STA. 9+01.96

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STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

TYPICAL CROSS SECTIONS

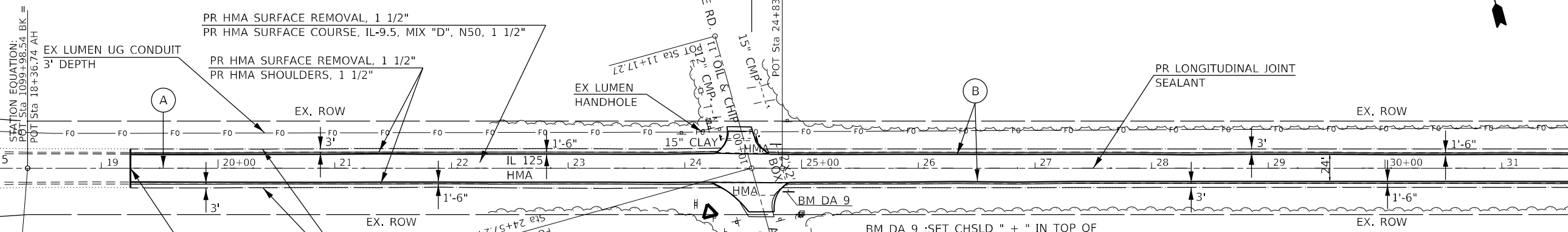
SCALE: SHEET 5 OF 5 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
67	*	*	37	17
CONTRACT NO. 72M22			ILLINOIS FED. AID PROJECT	

MATCH LINE STA. 18+36.74 Ext. -140.66

CASS COUNTY

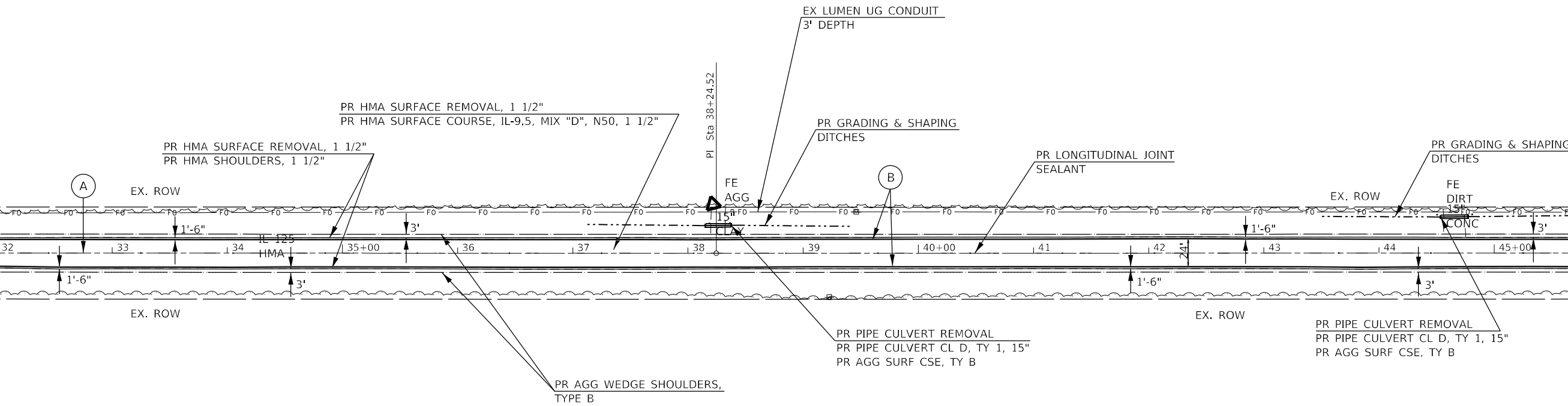
SANGAMON COUNTY



PAVEMENT MARKING LEGEND	
(A)	PAINT PAVEMENT MARKING, LINE 5" YELLOW (SKIP DASH)
(B)	PAINT PAVEMENT MARKING, LINE 5" WHITE (SOLID)
(C)	MODIFIED URETHANE PAVEMENT MARKING LINE, 5" YELLOW (DOUBLE SOLID)
(D)	MODIFIED URETHANE PAVEMENT MARKING LINE, 5" WHITE (SOLID)
(E)	MODIFIED URETHANE PAVEMENT MARKING LINE, 6" WHITE (SOLID OR DOTTED)
(F)	MODIFIED URETHANE PAVEMENT MARKING LINE, 8" WHITE (SOLID)
(G)	MODIFIED URETHANE PAVEMENT MARKING LINE, 12" WHITE (DIAGONAL)
(H)	MODIFIED URETHANE PAVEMENT MARKING LINE, 12" YELLOW (DIAGONAL)
(I)	MODIFIED URETHANE PAVEMENT MARKING LINE, 24" WHITE (STOP BAR)

MATCH LINE STA. 31+71.07

MATCH LINE STA. 31+71.07



MATCH LINE STA. 46+46.07

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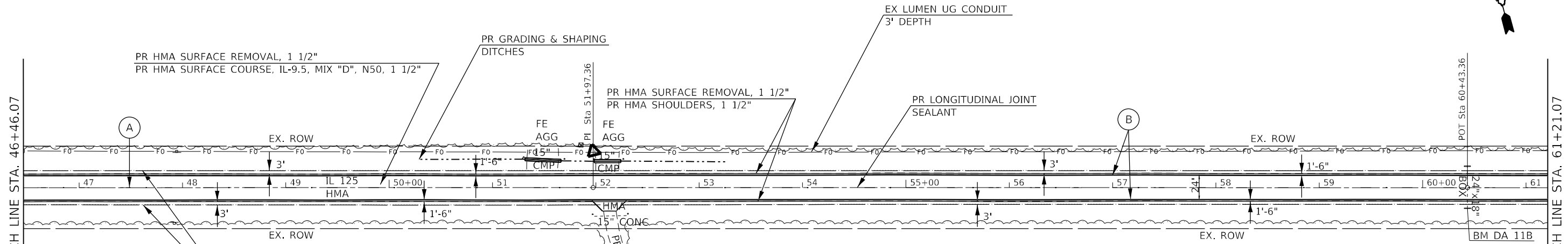
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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**PLAN SHEETS**

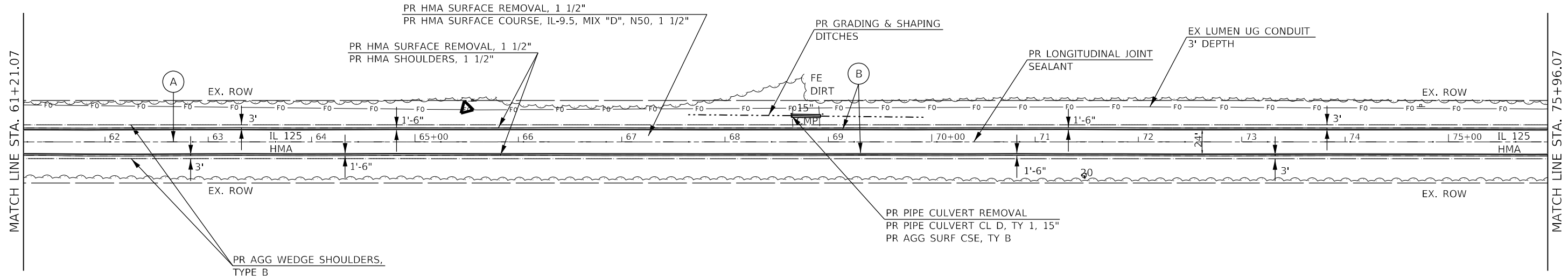
SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
67	*	*	37	18
CONTRACT NO. 72M22				



PAVEMENT MARKING LEGEND	
(A)	PAINT PAVEMENT MARKING, LINE 5" YELLOW (SKIP DASH)
(B)	PAINT PAVEMENT MARKING, LINE 5" WHITE (SOLID)
(C)	MODIFIED URETHANE MARKING LINE, 5" YELLOW (DOUBLE SOLID)
(D)	MODIFIED URETHANE PAVEMENT MARKING LINE, 5" WHITE (SOLID)
(E)	MODIFIED URETHANE PAVEMENT MARKING LINE, 6" WHITE (SOLID OR DOTTED)
(F)	MODIFIED URETHANE PAVEMENT MARKING LINE, 8" WHITE (SOLID)
(G)	MODIFIED URETHANE PAVEMENT MARKING LINE, 12" WHITE (DIAGONAL)
(H)	MODIFIED URETHANE PAVEMENT MARKING LINE, 12" YELLOW (DIAGONAL)
(I)	MODIFIED URETHANE PAVEMENT MARKING LINE, 24" WHITE (STOP BAR)

BM DA 11B :SET CHSLD " " TOP OF SOUTH END OF BOX (NOT HDWL) OF CULVERT UNDER IL 125 0.67 MILE EAST OF CASS/SANGAMON CO LINE NAVD88=633.857:FROM ALI. E001 STA. 60+43.511 @ OFFSET 19.456 RT.



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	DATE -	REVISED -

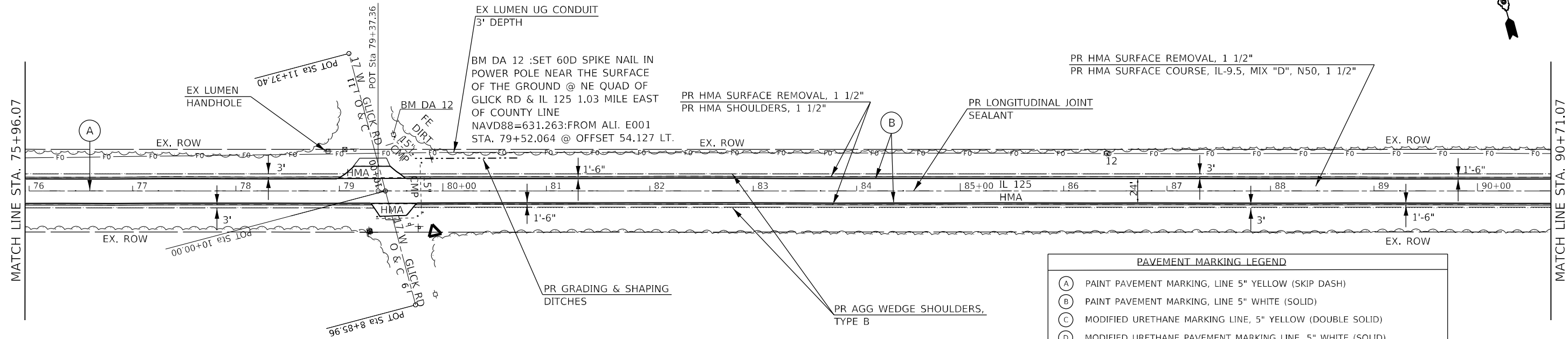
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**PLAN SHEETS**

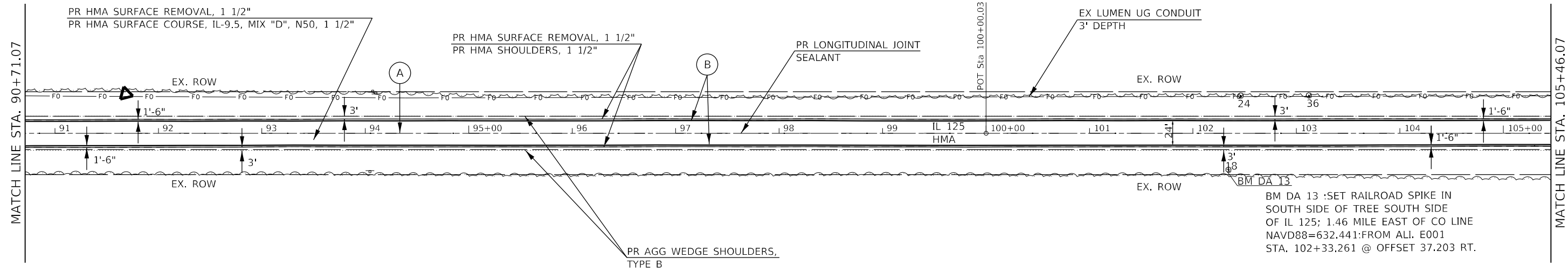
SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
67	*	*	37	19

CONTRACT NO. 72M22



PAVEMENT MARKING LEGEND	
(A)	PAINT PAVEMENT MARKING, LINE 5" YELLOW (SKIP DASH)
(B)	PAINT PAVEMENT MARKING, LINE 5" WHITE (SOLID)
(C)	MODIFIED URETHANE MARKING LINE, 5" YELLOW (DOUBLE SOLID)
(D)	MODIFIED URETHANE PAVEMENT MARKING LINE, 5" WHITE (SOLID)
(E)	MODIFIED URETHANE PAVEMENT MARKING LINE, 6" WHITE (SOLID OR DOTTED)
(F)	MODIFIED URETHANE PAVEMENT MARKING LINE, 8" WHITE (SOLID)
(G)	MODIFIED URETHANE PAVEMENT MARKING LINE, 12" WHITE (DIAGONAL)
(H)	MODIFIED URETHANE PAVEMENT MARKING LINE, 12" YELLOW (DIAGONAL)
(I)	MODIFIED URETHANE PAVEMENT MARKING LINE, 24" WHITE (STOP BAR)



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REVISED	-
REVISED	-
REVISED	-
REVISED	-

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

<b>PLAN SHEETS</b>				
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				TO STA.

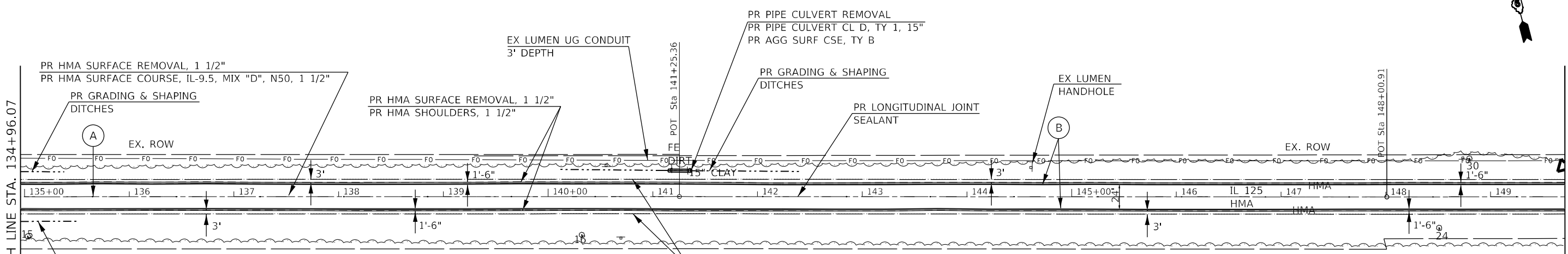
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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CONTRACT NO. 72M22				
ILLINOIS FED. AID PROJECT				

(3 RS-5, 105 RS-7, 106 RS-R)SW

Cass, Sangamon

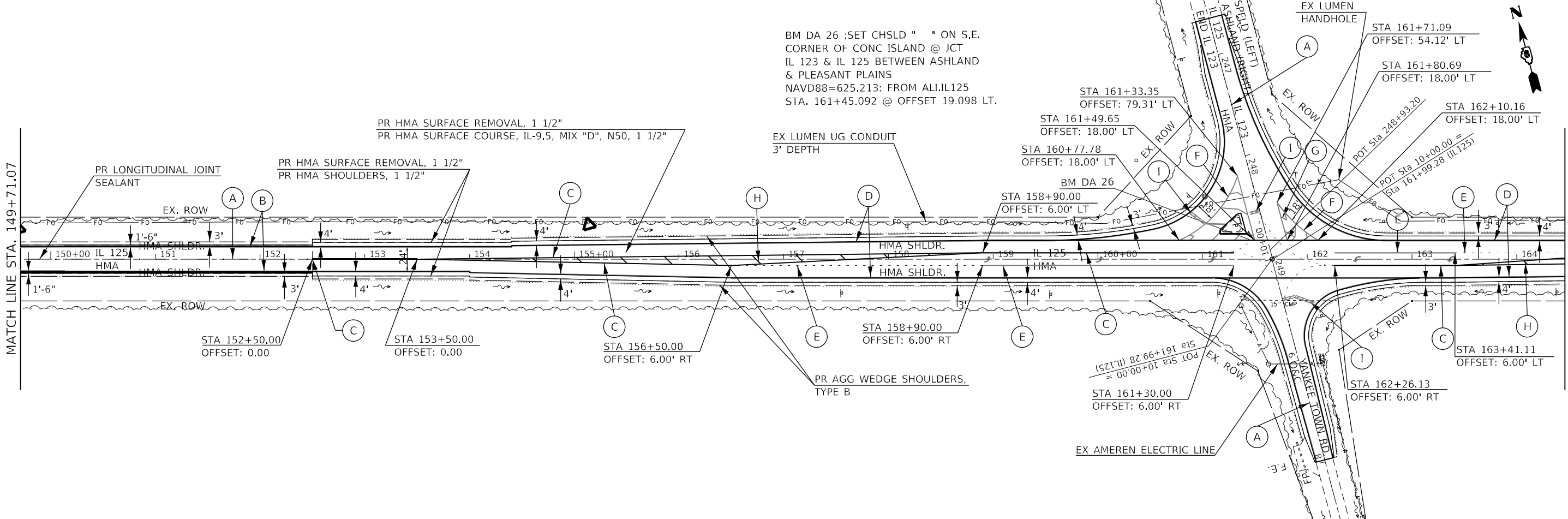






(A)	PAINT PAVEMENT MARKING, LINE 5" YELLOW (SKIP DASH)
(B)	PAINT PAVEMENT MARKING, LINE 5" WHITE (SOLID)
(C)	MODIFIED URETHANE MARKING LINE, 5" YELLOW (DOUBLE SOLID)
(D)	MODIFIED URETHANE PAVEMENT MARKING LINE, 5" WHITE (SOLID)
(E)	MODIFIED URETHANE PAVEMENT MARKING LINE, 6" WHITE (SOLID OR DOTTED)
(F)	MODIFIED URETHANE PAVEMENT MARKING LINE, 8" WHITE (SOLID)
(G)	MODIFIED URETHANE PAVEMENT MARKING LINE, 12" WHITE (DIAGONAL)
(H)	MODIFIED URETHANE PAVEMENT MARKING LINE, 12" YELLOW (DIAGONAL)
(I)	MODIFIED URETHANE PAVEMENT MARKING LINE, 24" WHITE (STOP BAR)

6"  $\frac{2'}{6'}$   $\frac{2'}{6'}$   $\frac{2'}{6'}$   $\frac{2'}{6'}$   
 DETAIL DOTTED LINE  
 MODIFIED URETHANE



BM DA 26 :SET CHSLD " " ON S.E. CORNER OF CONC ISLAND @ JCT IL 123 & IL 125 BETWEEN ASHLAND & PLEASANT PLAINS NAVD88=625.213; FROM ALI.IL125 STA. 161+45.092 @ OFFSET 19.098 LT.

EX AMEREN ELECTRIC LINE

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PLOT DATE	= 3/16/2022

DESIGNED	-	REVISED	-
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CHECKED	-	REVISED	-
DATE	-	REVISED	-

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

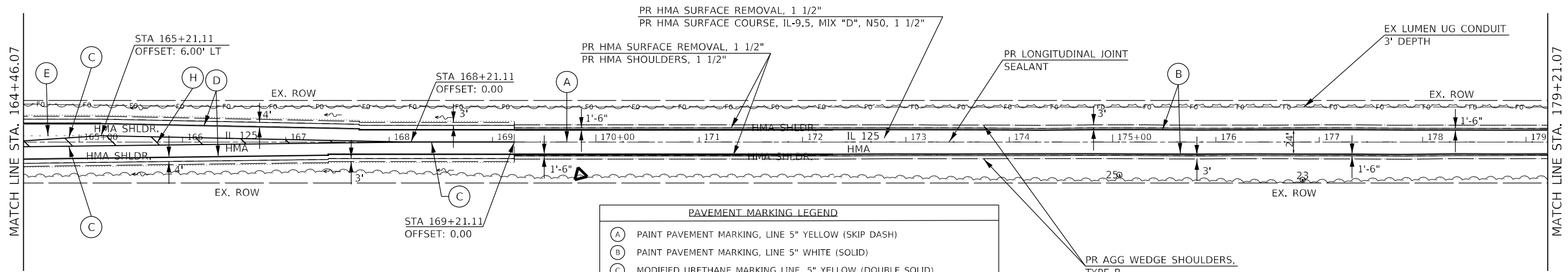
PLAN SHEETS

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
67	*	*	37	22

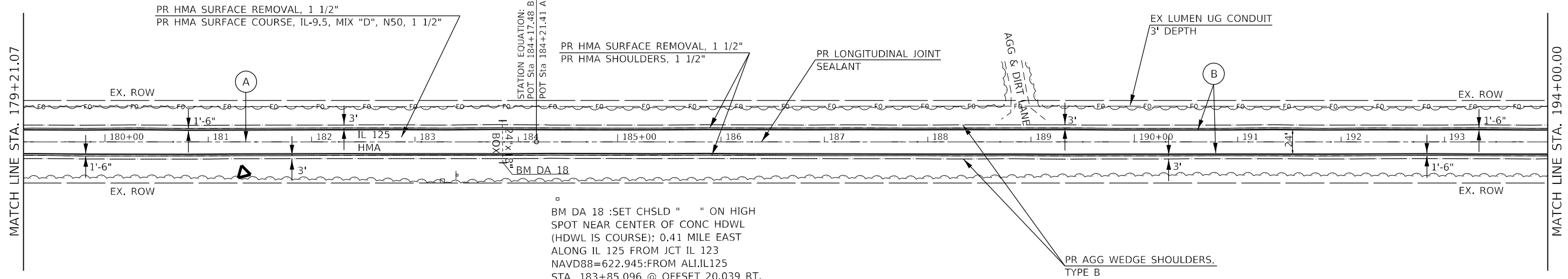
CONTRACT NO. 72M22

(3 RS-5, 105 RS-7, 106 RS-R)SW Cass, Sangamon



PAVEMENT MARKING LEGEND	
(A)	PAINT PAVEMENT MARKING, LINE 5" YELLOW (SKIP DASH)
(B)	PAINT PAVEMENT MARKING, LINE 5" WHITE (SOLID)
(C)	MODIFIED URETHANE MARKING LINE, 5" YELLOW (DOUBLE SOLID)
(D)	MODIFIED URETHANE PAVEMENT MARKING LINE, 5" WHITE (SOLID)
(E)	MODIFIED URETHANE PAVEMENT MARKING LINE, 6" WHITE (SOLID OR DOTTED)
(F)	MODIFIED URETHANE PAVEMENT MARKING LINE, 8" WHITE (SOLID)
(G)	MODIFIED URETHANE PAVEMENT MARKING LINE, 12" WHITE (DIAGONAL)
(H)	MODIFIED URETHANE PAVEMENT MARKING LINE, 12" YELLOW (DIAGONAL)
(I)	MODIFIED URETHANE PAVEMENT MARKING LINE, 24" WHITE (STOP BAR)

6" 2' 6" 2' 6" 2'  
 DETAIL DOTTED LINE  
 MODIFIED URETHANE



BM DA 18 :SET CHSLD " " ON HIGH SPOT NEAR CENTER OF CONC HDWL (HDWL IS COURSE); 0.41 MILE EAST ALONG IL 125 FROM JCT IL 123 NAVD88=622.945;FROM ALI,IL125 STA. 183+85.096 @ OFFSET 20.039 RT.

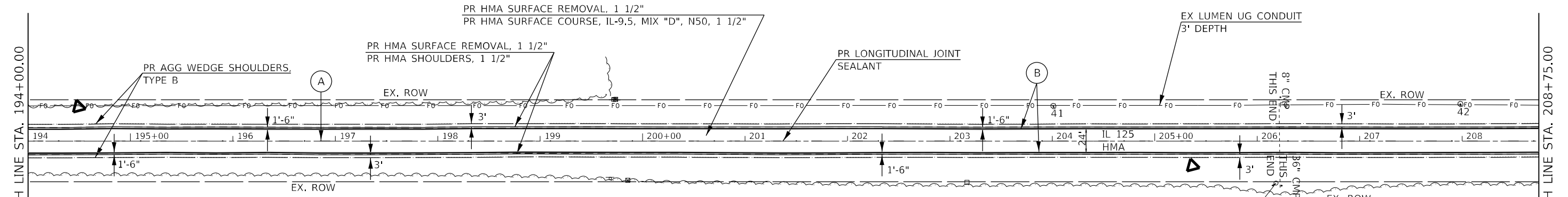
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USER NAME = williamssa	DESIGNED -	REVISED -
DRAWN -	REVISED -	REVISED -
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PLOT DATE = 3/16/2022	DATE -	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

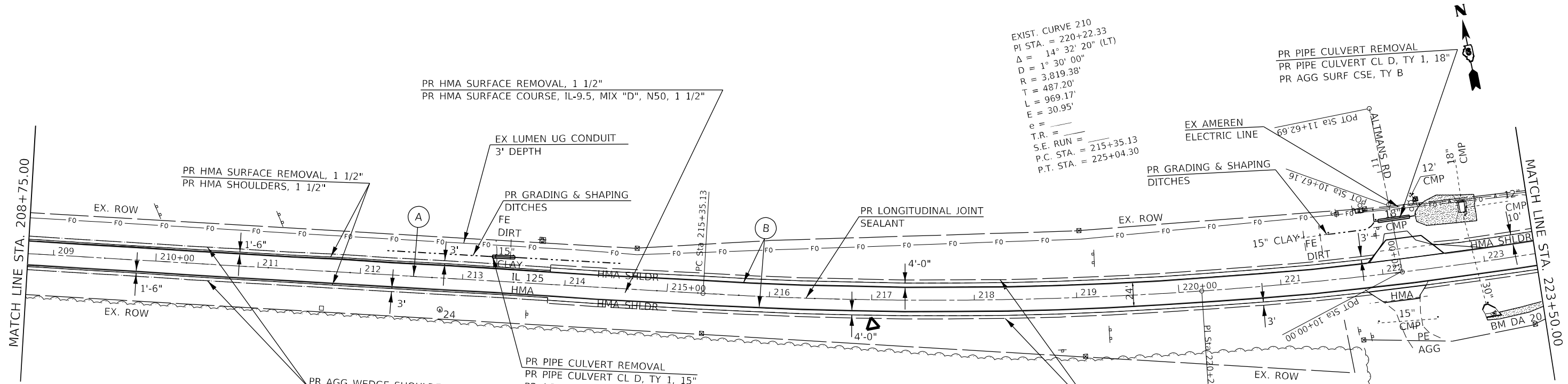
PLAN SHEETS			
SCALE:	SHEET	OF SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
67	*	*	37	23
CONTRACT NO. 72M22				
ILLINOIS FED. AID PROJECT				



PAVEMENT MARKING LEGEND	
(A)	PAINT PAVEMENT MARKING, LINE 5" YELLOW (SKIP DASH)
(B)	PAINT PAVEMENT MARKING, LINE 5" WHITE (SOLID)
(C)	MODIFIED URETHANE MARKING LINE, 5" YELLOW (DOUBLE SOLID)
(D)	MODIFIED URETHANE PAVEMENT MARKING LINE, 5" WHITE (SOLID)
(E)	MODIFIED URETHANE PAVEMENT MARKING LINE, 6" WHITE (SOLID OR DOTTED)
(F)	MODIFIED URETHANE PAVEMENT MARKING LINE, 8" WHITE (SOLID)
(G)	MODIFIED URETHANE PAVEMENT MARKING LINE, 12" WHITE (DIAGONAL)
(H)	MODIFIED URETHANE PAVEMENT MARKING LINE, 12" YELLOW (DIAGONAL)
(I)	MODIFIED URETHANE PAVEMENT MARKING LINE, 24" WHITE (STOP BAR)

BM TA 18B  
 BM TA 18B :SET 60D IN P.P. ON S.  
 SIDE OF IL125, WEST OF PLEASANT PLAINS  
 @ STA. 200+01.42 , OFFSET 99.462 RT  
 FROM ALI. E002



EXIST. CURVE 210  
 PI STA. = 220+22.33  
 $\Delta = 14^\circ 32' 20''$  (LT)  
 $D = 1^\circ 30' 00''$   
 $R = 3,819.38'$   
 $T = 487.20'$   
 $L = 969.17'$   
 $E = 30.95'$   
 $e =$   
 $T.R. =$   
 $S.E. RUN = 215+35.13$   
 $P.C. STA. = 215+04.30$   
 $P.T. STA. = 225+04.30$

BM DA 20: FOUND CHSLD [ ] NE CORNER  
 OF CONC. RETAINING WALL S. SIDE OF IL12:  
 AND BETWEEN ALTMANS & JEFFERSON  
 STREETS W. EDGE OF PLEASANT PLAINS:  
 STA. 223+09.62 @ OFFSET 54.238 RT.

MODEL: Default  
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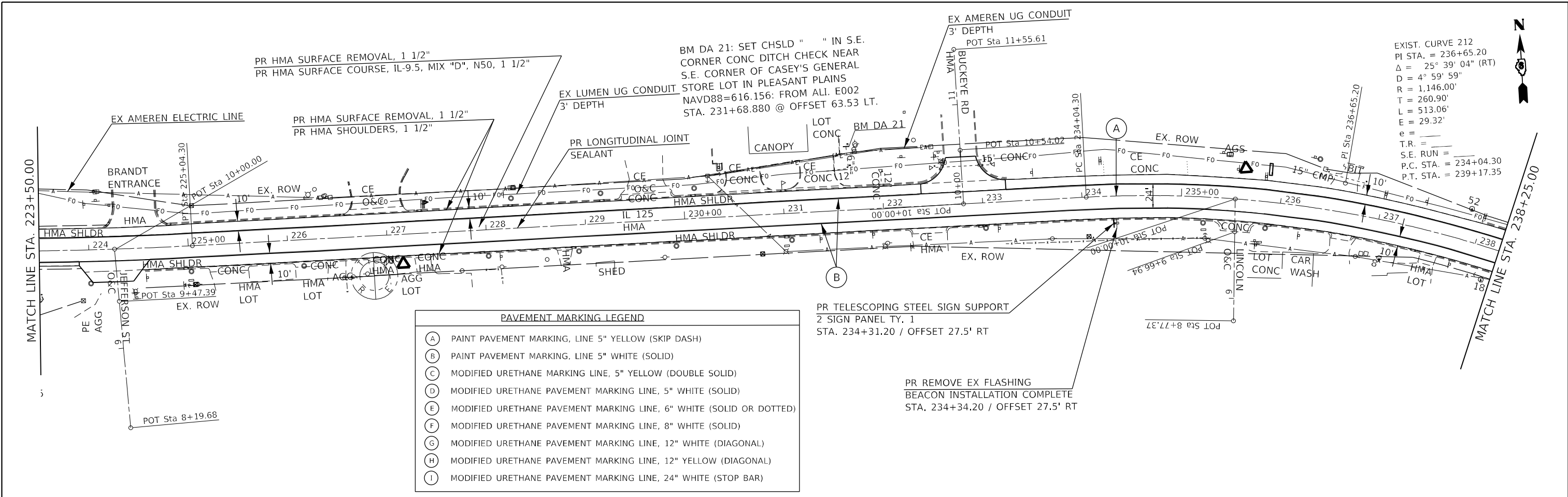
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	DATE -	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

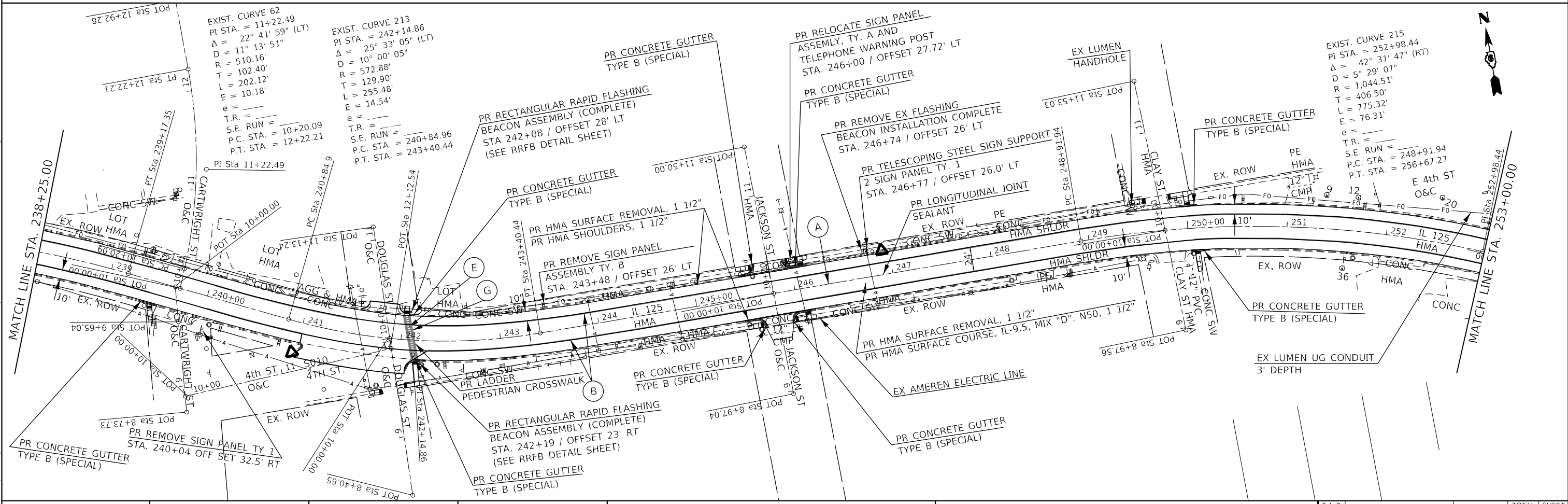
PLAN SHEETS	
SCALE:	SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
67	*	*	37	24

CONTRACT NO. 72M22



PAVEMENT MARKING LEGEND	
(A)	PAINT PAVEMENT MARKING, LINE 5" YELLOW (SKIP DASH)
(B)	PAINT PAVEMENT MARKING, LINE 5" WHITE (SOLID)
(C)	MODIFIED URETHANE MARKING LINE, 5" YELLOW (DOUBLE SOLID)
(D)	MODIFIED URETHANE PAVEMENT MARKING LINE, 5" WHITE (SOLID)
(E)	MODIFIED URETHANE PAVEMENT MARKING LINE, 6" WHITE (SOLID OR DOTTED)
(F)	MODIFIED URETHANE PAVEMENT MARKING LINE, 8" WHITE (SOLID)
(G)	MODIFIED URETHANE PAVEMENT MARKING LINE, 12" WHITE (DIAGONAL)
(H)	MODIFIED URETHANE PAVEMENT MARKING LINE, 12" YELLOW (DIAGONAL)
(I)	MODIFIED URETHANE PAVEMENT MARKING LINE, 24" WHITE (STOP BAR)

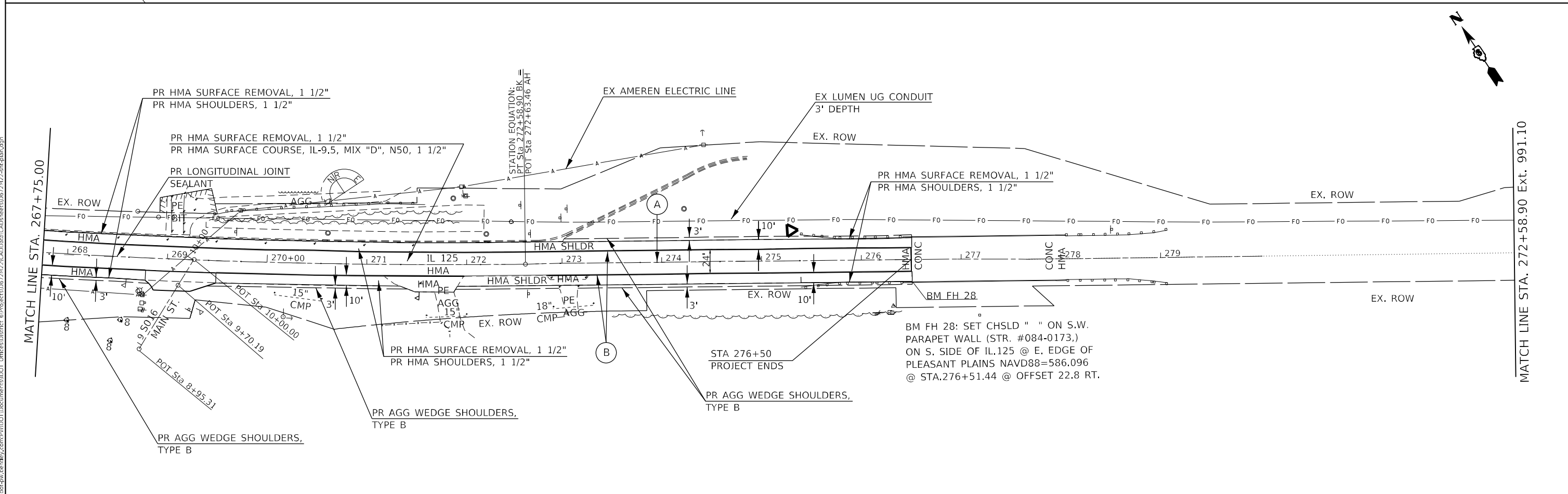
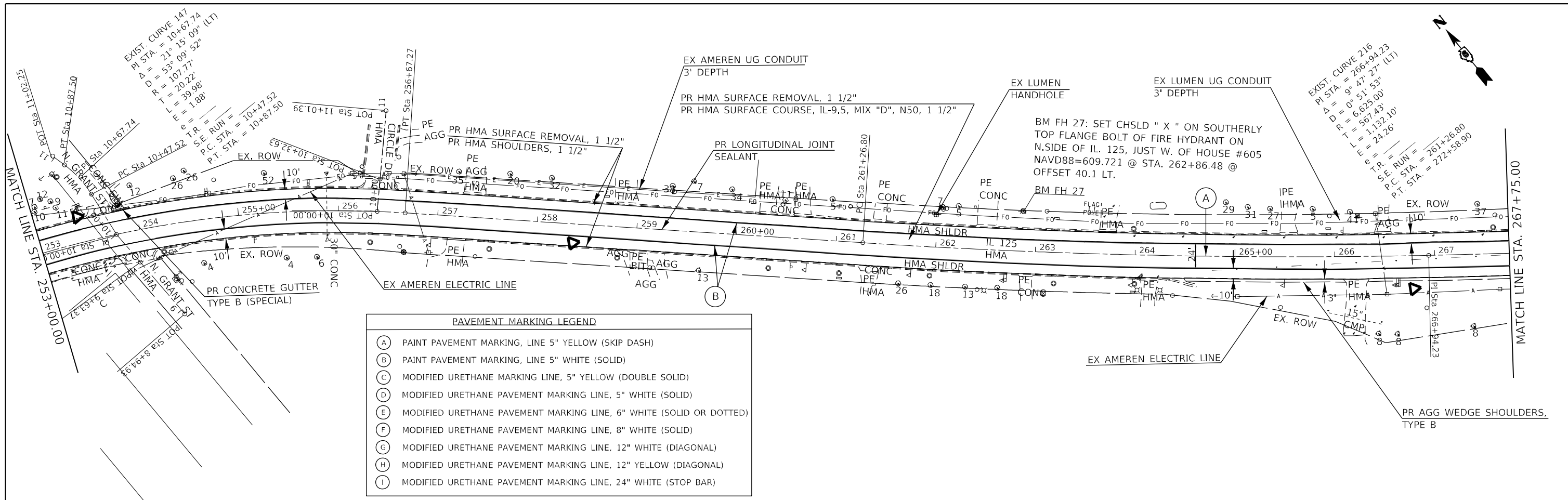


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PLOT SCALE = 100,000' / in.	CHECKED -	REVISED -
PLOT DATE = 3/16/2022	DATE -	REVISED -

**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.
67	*	*	37	25
CONTRACT NO. 72M22				
ILLINOIS FED. AID PROJECT				



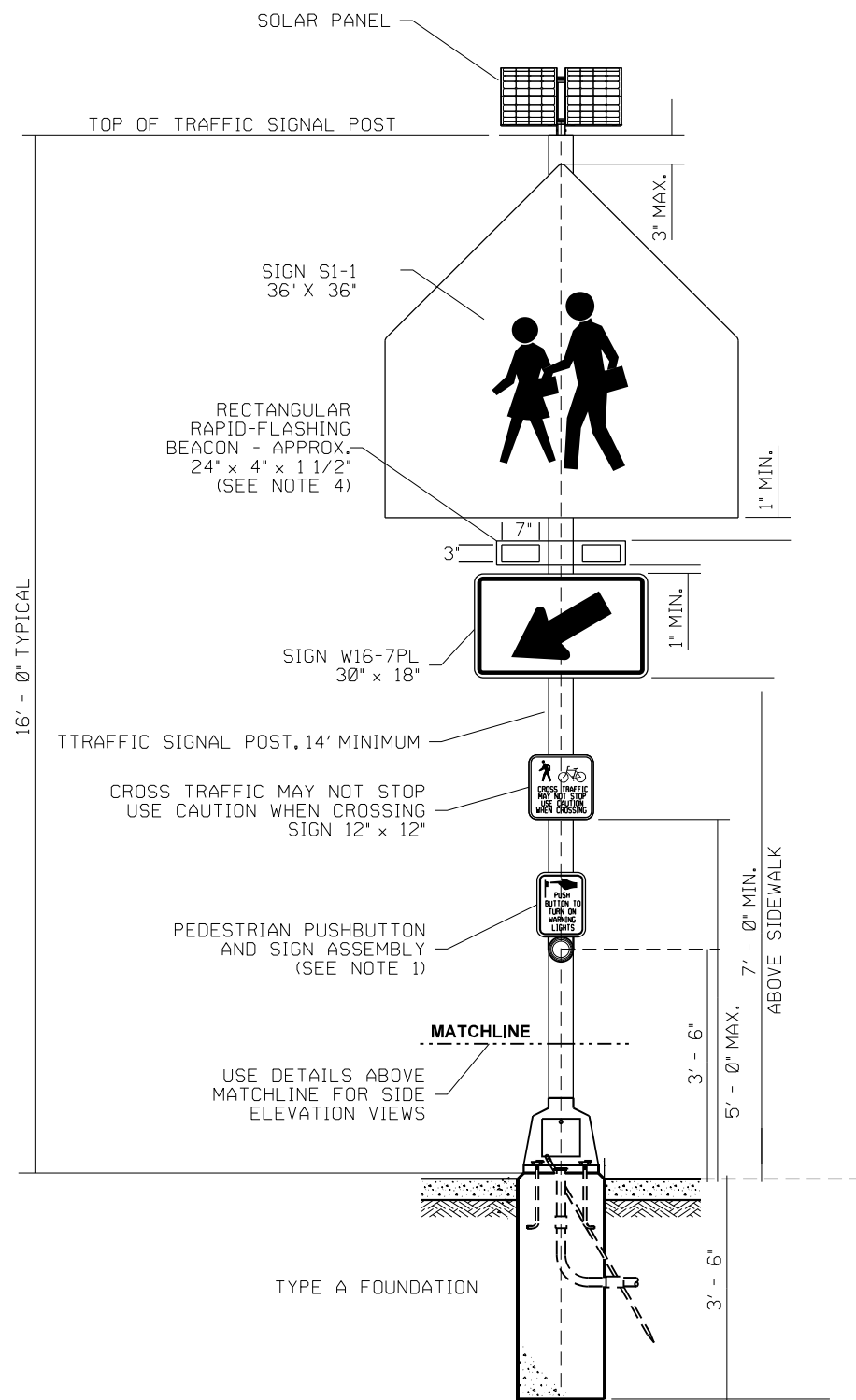
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PLOT DATE = 3/16/2022	CHECKED -	REVISED -
	DATE -	REVISED -

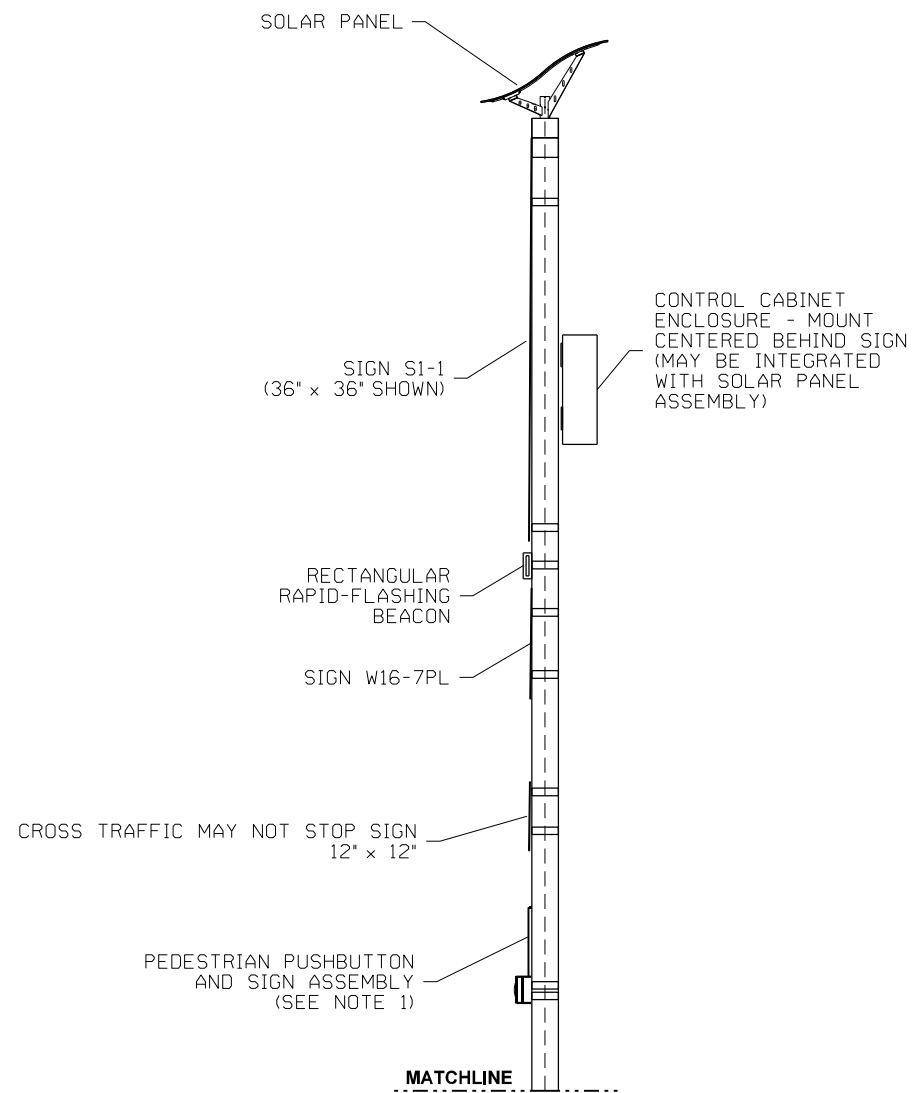
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

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

F.A.P. RTE. 67	SECTION *	COUNTY *	TOTAL SHEETS 37	SHEET NO. 26
			CONTRACT NO. 72M22	
		ILLINOIS FED. AID PROJECT		



**FRONT ELEVATION VIEW**  
**RAPID-FLASHING BEACON**



**SIDE ELEVATION VIEW**  
**UNI-DIRECTIONAL CONFIGURATION DETAILS**



**CROSS TRAFFIC MAY NOT STOP  
USE CAUTION WHEN CROSSING  
SIGN (12" x 12")**

**PEDESTRIAN SYMBOL HEIGHT - 4" (IN)  
BICYCLE SYMBOL HEIGHT - 3" (IN)  
LETTERS - 1" C  
LEGEND - BLACK  
BACKGROUND - YELLOW**

**NOTES**

1. INTEGRATED PEDESTRIAN PUSHBUTTON AND SIGN ASSEMBLY. PUSHBUTTON SIGN SHALL BE 9" (IN) X 12" (IN) R10-25 SIGN IN ACCORDANCE WITH 2009 MUTCD.
2. ALL SIGNS SHALL BE CONSTRUCTED WITH DIAMOND GRADE REFLECTIVE SHEETING IN ACCORDANCE WITH SECTIONS 720 AND 1091 OF THE STANDARD SPECIFICATIONS
3. CONTROL CABINET ENCLOSURE SHALL BE SIZED BY THE RFB MANUFACTURER AS REQUIRED TO HOUSE CONTROLLER AND COMPONENTS. THE CONTROLLER CABINET MAY BE INTEGRATED INTO THE SOLAR PANEL ASSEMBLY.
4. BEACON ASSEMBLY SHALL BE MOUNTED ON THE SIDE OF THE POLE OR ON THE TOP OF THE POLE. A SOLAR POWER UNIT MAY BE INSTALLED ON TOP OF THE MOUNT.
5. RFB DISPLAYS SHALL BE LED TYPE MEETING THE INTENSITY REQUIREMENTS OF SAE J595 FOR CLASS 1 YELLOW, BUT SHALL NOT EXCEED 1000 CANDELAS DURING DAYLIGHT AND 500 CANDELAS AFTER DARK.
6. SEE HIGHWAY STANDARD 720001-01 (SIGN PANEL MOUNTING DETAILS)

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USER NAME = cancell	DESIGNED -	REVISED -
PLOT SCALE = 400,0000' / in.	DRAWN -	REVISED -
PLOT DATE = 2/10/2022	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**RECTANGULAR RAPID FLASHING BEACON ASSEMBLY DETAIL**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
67	*	*	37	27
			CONTRACT NO. 72M22	
ILLINOIS FED. AID PROJECT				

(3 RS-5, 105 RS-7, 106 RS-R)SW

Cass, Sangamon

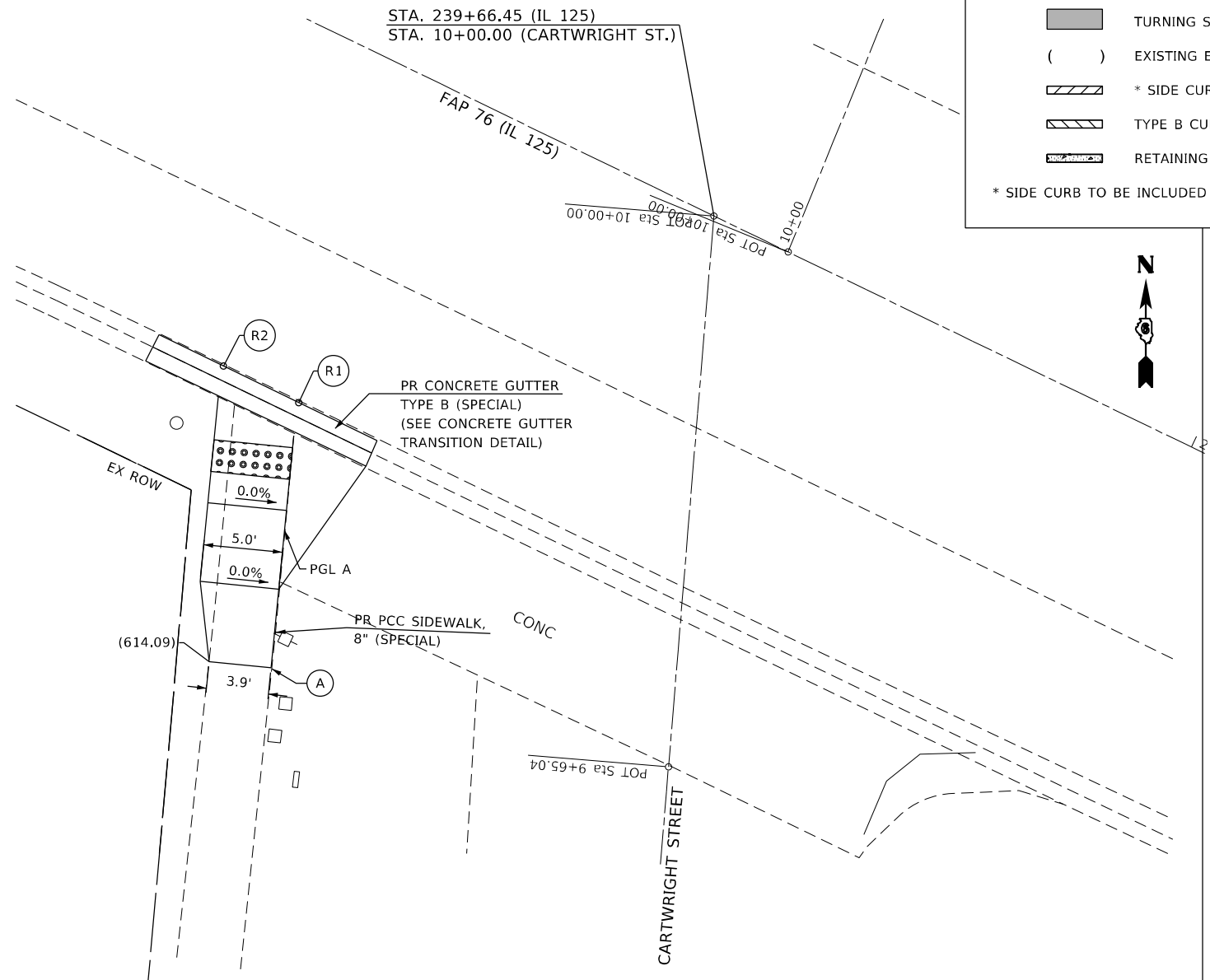
# CARTWRIGHT ST. - SW QUAD

HIGHWAY STANDARD 424001 - PERPENDICULAR CURB RAMP

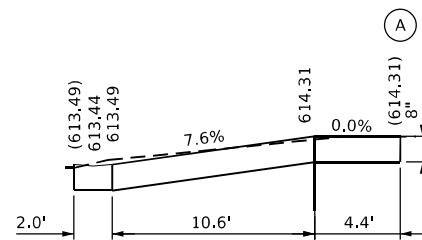
## LEGEND

- DETECTABLE WARNINGS
- TURNING SPACE
- EXISTING ELEVATION
- \* SIDE CURB (0" < HEIGHT ≤ 9")
- TYPE B CURB SPL. (9" < HEIGHT ≤ 18")
- RETAINING WALL (HEIGHT > 18")

\* SIDE CURB TO BE INCLUDED FOR PAYMENT AS SIDEWALK



PROFILE A



EOP ELEVATIONS SW QUAD IL 125 / CARTWRIGHT ST			
POINT	STATION	OFFSET	ELEVATION
R1	239+42.66	22.07' RT	(613.49)
R2	239+47.96	22.06' RT	(613.47)

THE CONTRACTOR SHALL VERIFY EXISTING FIELD CONDITIONS PRIOR TO THE CONSTRUCTION OF ANY RAMP OR SIDEWALK. ANY ADJUSTMENTS NECESSARY TO MEET EXISTING FIELD CONDITIONS SHALL BE APPROVED BY THE ENGINEER PRIOR TO CONSTRUCTION.

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USER NAME = cancel	DESIGNED - JS	REVISED -
PLOT SCALE = 10,0000 * / in.	DRAWN - BH	REVISED -
PLOT DATE = 2/10/2022	CHECKED - NC	REVISED -
	DATE - 06/17/2021	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

ADA - SIDEWALK DETAILS

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
67	*	*	37	28
CONTRACT NO. 72M22				

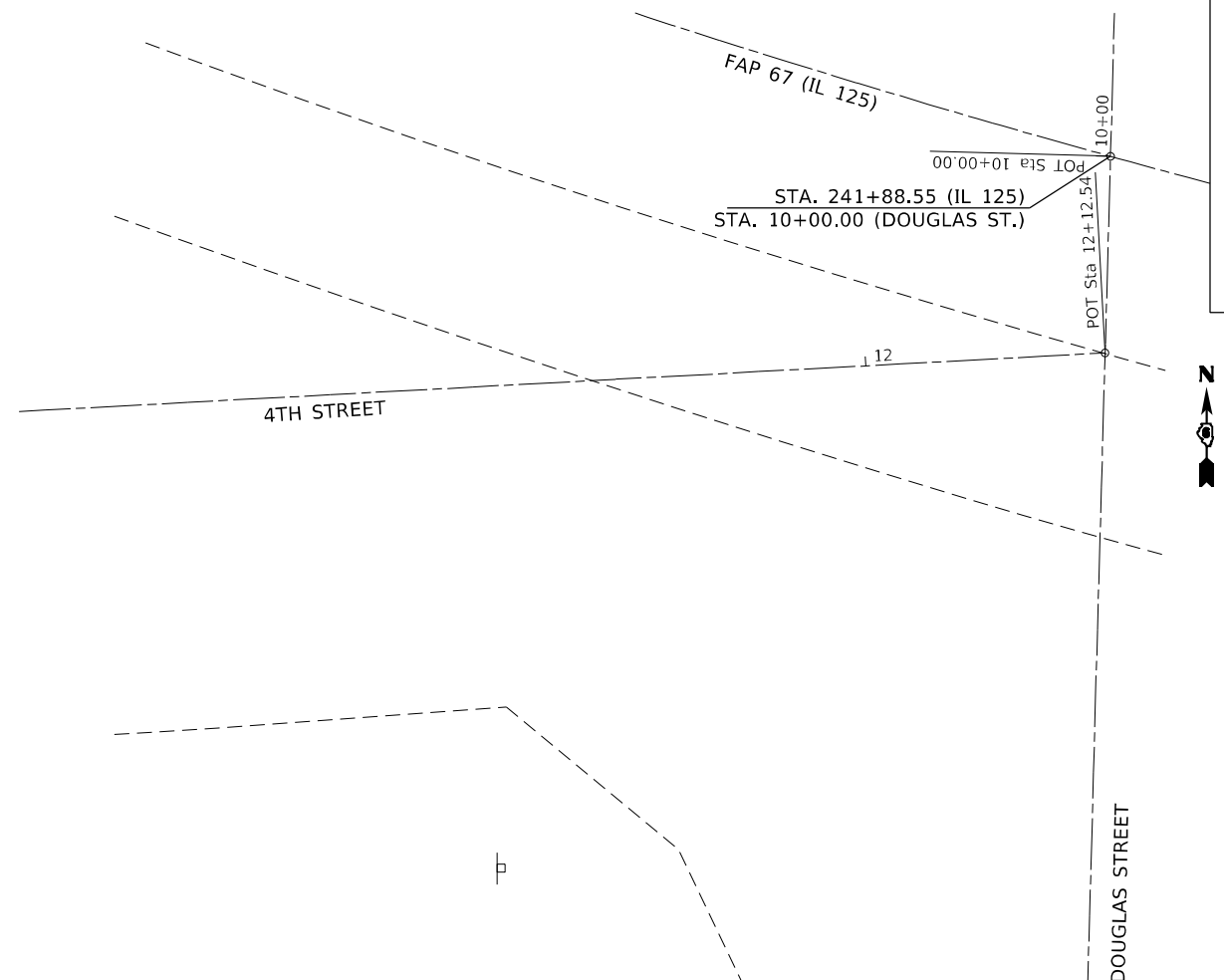
(3 RS-5, 105 RS-7, 106 RS-R)SW

Cass, Sangamon



**DOUGLAS ST. - SW QUAD**

HIGHWAY STANDARD 424001 - PERPENDICULAR CURB RAMP



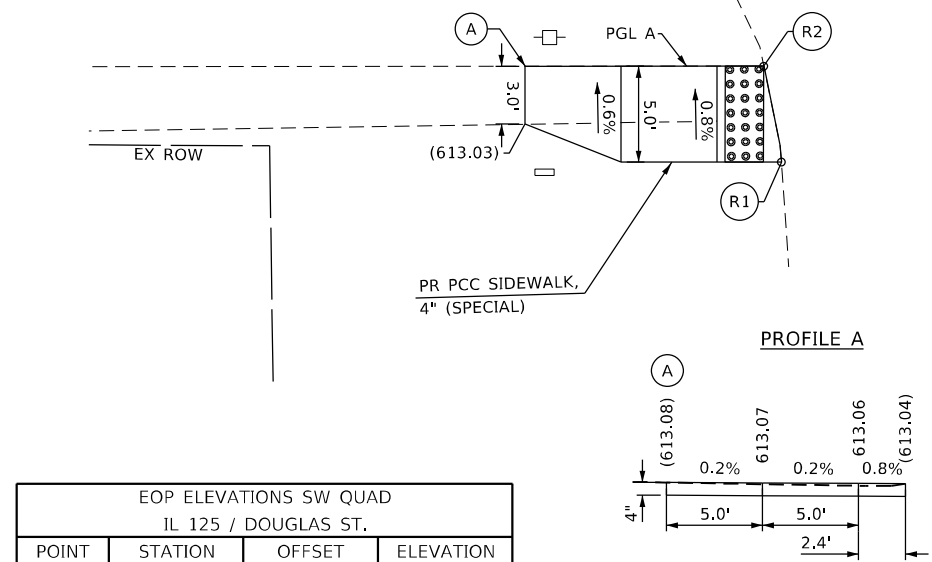
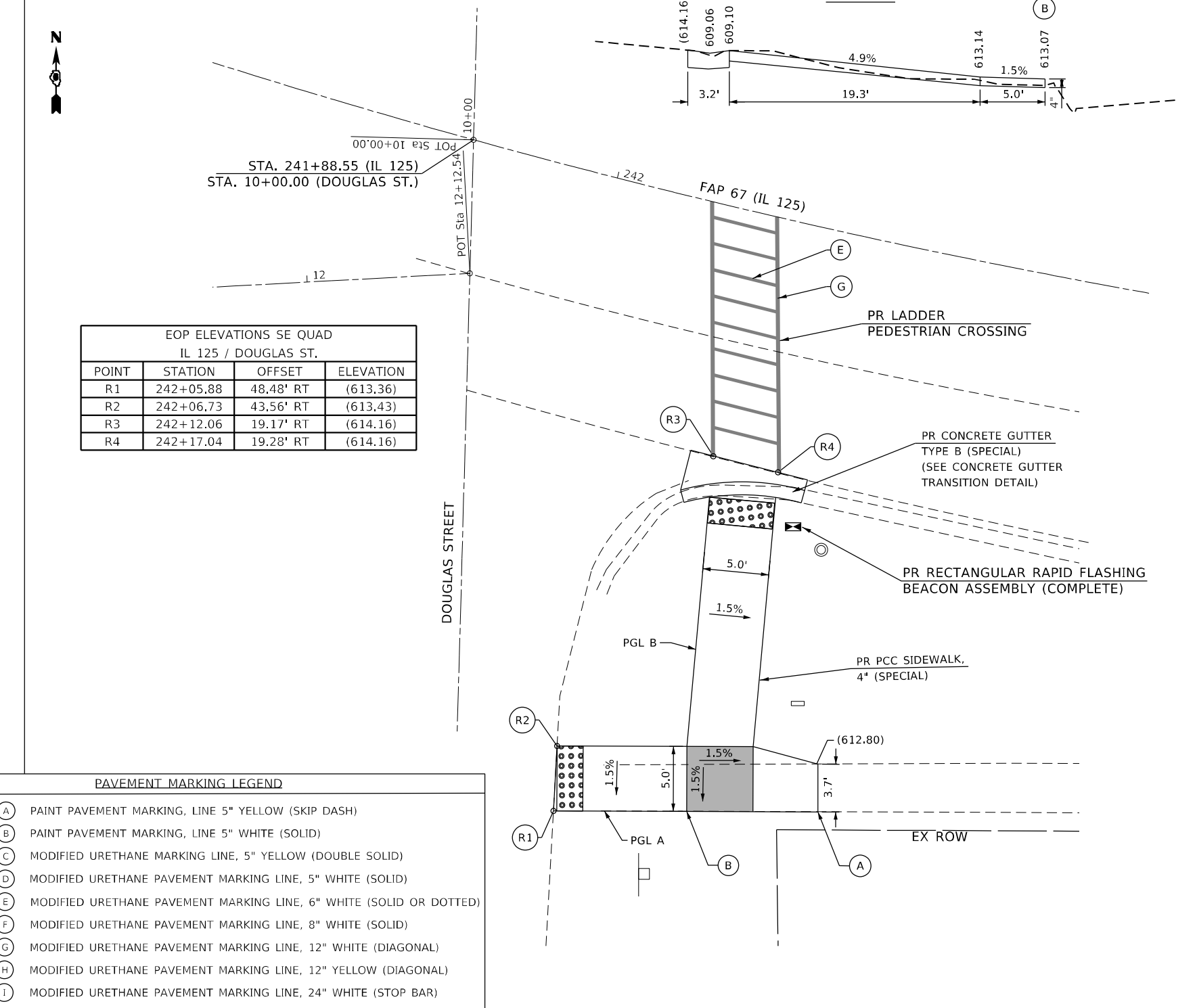
**LEGEND**

- DETECTABLE WARNINGS
- TURNING SPACE
- EXISTING ELEVATION
- \* SIDE CURB (0" < HEIGHT ≤ 9")
- TYPE B CURB SPL. (9" < HEIGHT ≤ 18")
- RETAINING WALL (HEIGHT > 18")

\* SIDE CURB TO BE INCLUDED FOR PAYMENT AS SIDEWALK

**DOUGLAS ST. - SE QUAD**

HIGHWAY STANDARD 424001 - PERPENDICULAR CURB RAMP



**PAVEMENT MARKING LEGEND**

- (A) PAINT PAVEMENT MARKING, LINE 5" YELLOW (SKIP DASH)
- (B) PAINT PAVEMENT MARKING, LINE 5" WHITE (SOLID)
- (C) MODIFIED URETHANE MARKING LINE, 5" YELLOW (DOUBLE SOLID)
- (D) MODIFIED URETHANE PAVEMENT MARKING LINE, 5" WHITE (SOLID)
- (E) MODIFIED URETHANE PAVEMENT MARKING LINE, 6" WHITE (SOLID OR DOTTED)
- (F) MODIFIED URETHANE PAVEMENT MARKING LINE, 8" WHITE (SOLID)
- (G) MODIFIED URETHANE PAVEMENT MARKING LINE, 12" WHITE (DIAGONAL)
- (H) MODIFIED URETHANE PAVEMENT MARKING LINE, 12" YELLOW (DIAGONAL)
- (I) MODIFIED URETHANE PAVEMENT MARKING LINE, 24" WHITE (STOP BAR)

THE CONTRACTOR SHALL VERIFY EXISTING FIELD CONDITIONS PRIOR TO THE CONSTRUCTION OF ANY RAMP OR SIDEWALK. ANY ADJUSTMENTS NECESSARY TO MEET EXISTING FIELD CONDITIONS SHALL BE APPROVED BY THE ENGINEER PRIOR TO CONSTRUCTION.

# DOUGLAS ST. - NE QUAD

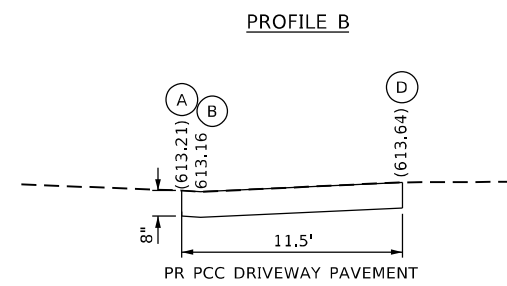
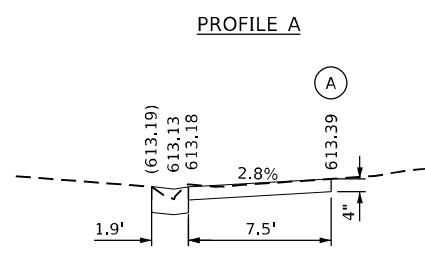
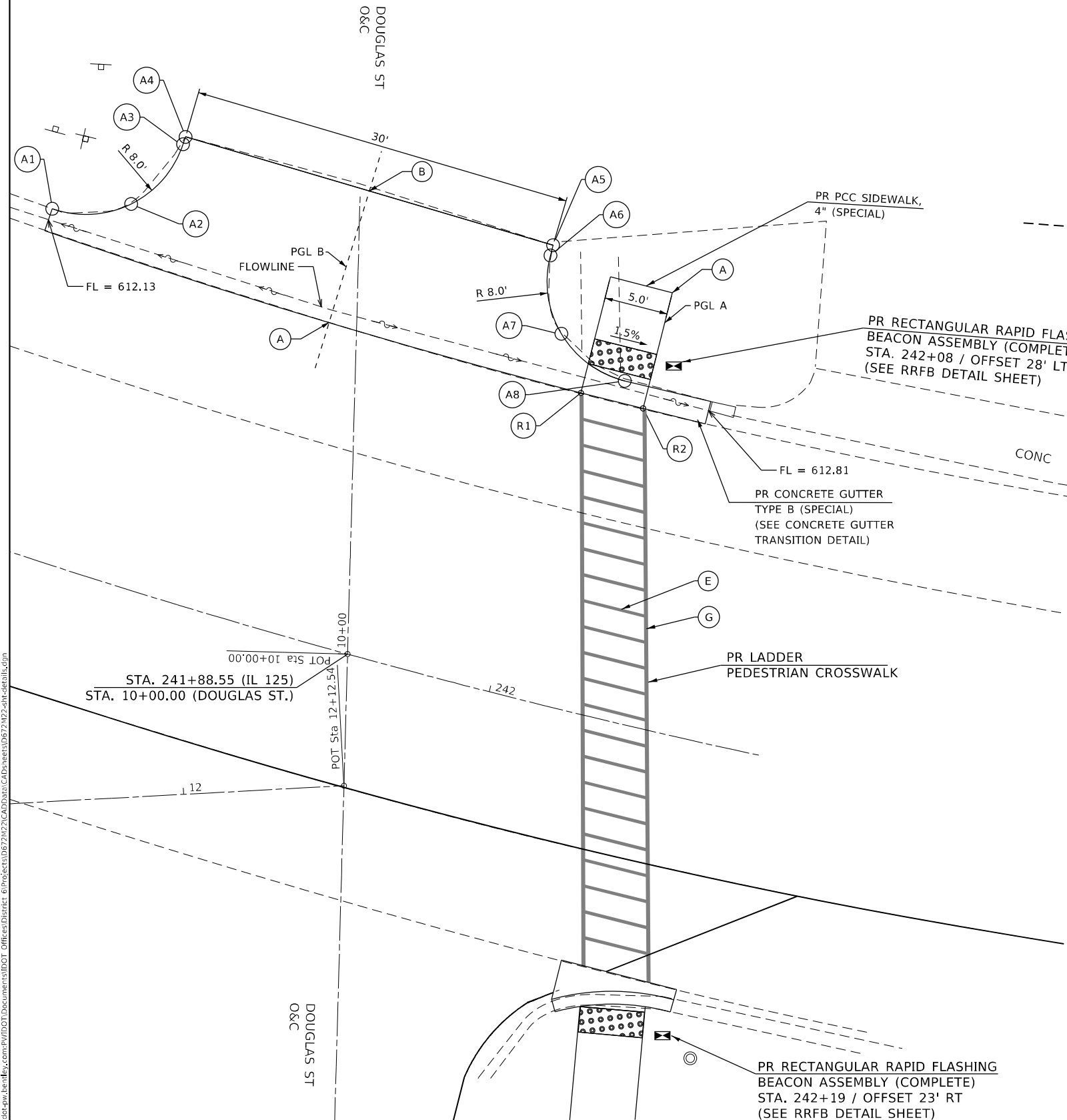
HIGHWAY STANDARD 424001 - PERPENDICULAR CURB RAMP

POINT	STATION	OFFSET	ELEVATION
R1	242+01.22	24.39' LT	(613.19)
R2	242+06.45	24.39' LT	(613.19)

### LEGEND

- DETECTABLE WARNINGS
- TURNING SPACE
- EXISTING ELEVATION
- \* SIDE CURB (0" < HEIGHT ≤ 9")
- TYPE B CURB SPL. (9" < HEIGHT ≤ 18")
- RETAINING WALL (HEIGHT > 18")

\* SIDE CURB TO BE INCLUDED FOR PAYMENT AS SIDEWALK



POINT	STATION	OFFSET	ELEVATION
A1	241+55.49	26.46' LT	(613.50)
A2	241+61.51	28.77' LT	613.52
A3	241+64.07	34.46' LT	613.56
A4	241+64.07	35.07' LT	(613.58)
A5	241+95.96	35.02' LT	(613.58)
A6	241+95.96	34.19' LT	613.56
A7	241+98.47	28.48' LT	613.29
A8	242+04.46	26.13' LT	613.18

### PAVEMENT MARKING LEGEND

- (A) PAINT PAVEMENT MARKING, LINE 5" YELLOW (SKIP DASH)
- (B) PAINT PAVEMENT MARKING, LINE 5" WHITE (SOLID)
- (C) MODIFIED URETHANE MARKING LINE, 5" YELLOW (DOUBLE SOLID)
- (D) MODIFIED URETHANE PAVEMENT MARKING LINE, 5" WHITE (SOLID)
- (E) MODIFIED URETHANE PAVEMENT MARKING LINE, 6" WHITE (SOLID OR DOTTED)
- (F) MODIFIED URETHANE PAVEMENT MARKING LINE, 8" WHITE (SOLID)
- (G) MODIFIED URETHANE PAVEMENT MARKING LINE, 12" WHITE (DIAGONAL)
- (H) MODIFIED URETHANE PAVEMENT MARKING LINE, 12" YELLOW (DIAGONAL)
- (I) MODIFIED URETHANE PAVEMENT MARKING LINE, 24" WHITE (STOP BAR)

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 PROJECT: 106 RS-R)SW

USER NAME = cancel	DESIGNED - JS	REVISIONS
DRAWN - BH	CHECKED - NC	DATE - 06/17/2021
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PLOT DATE = 2/10/2022		

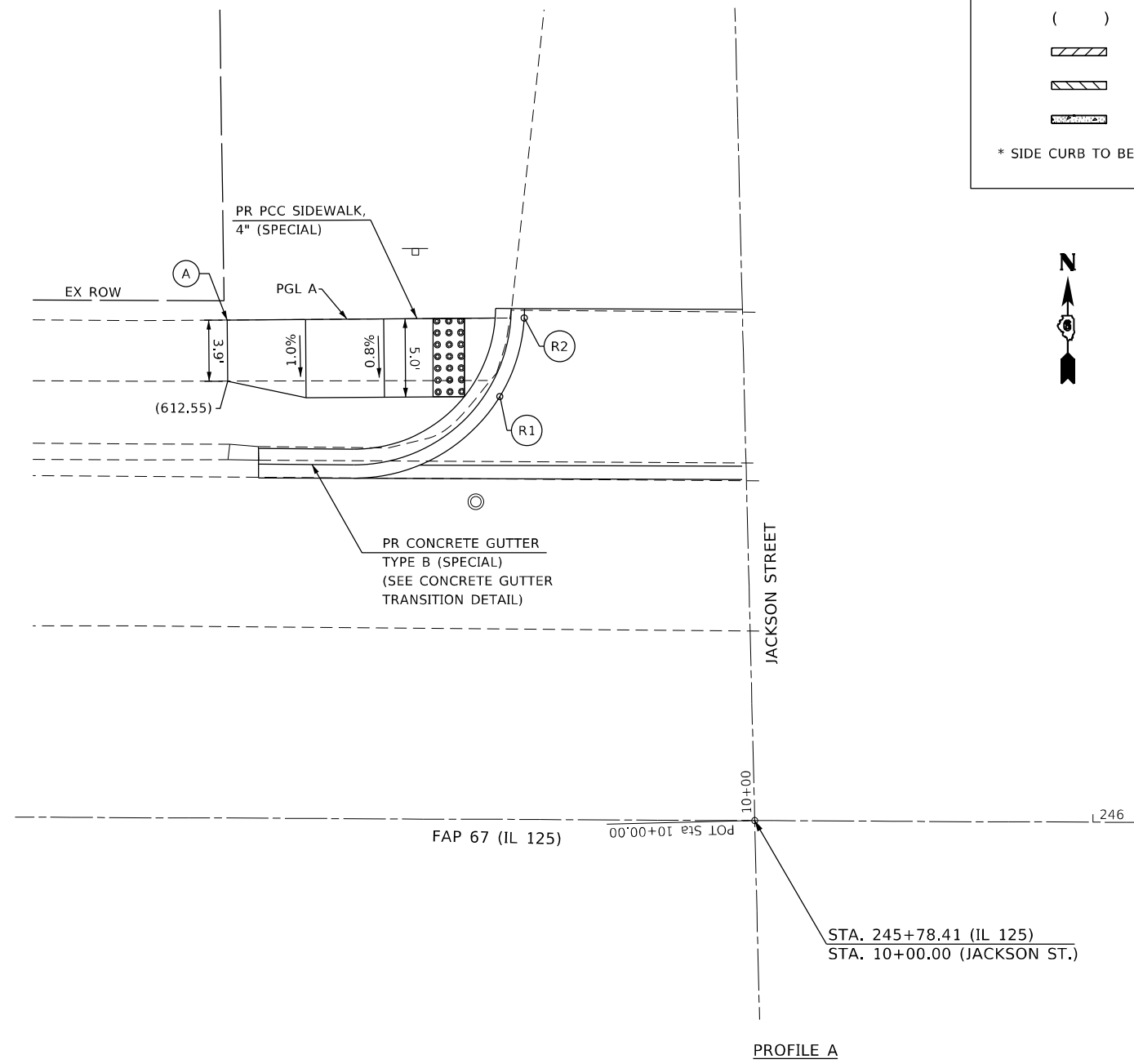
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

<b>ADA - SIDEWALK DETAILS</b>	
SCALE:	SHEET OF SHEETS STA. TO STA.

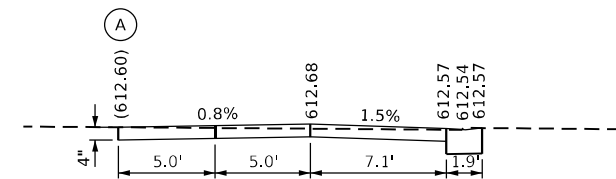
F.A.P. RTE. 67	SECTION *	COUNTY *	TOTAL SHEETS 37	SHEET NO. 30
			CONTRACT NO. 72M22	
			ILLINOIS FED. AID PROJECT	

### JACKSON ST. - NW QUAD

HIGHWAY STANDARD 424001 - PERPENDICULAR CURB RAMP



EOP ELEVATIONS NW QUAD IL 125 / JACKSON ST			
POINT	STATION	OFFSET	ELEVATION
R1	245+62.01	26.98' LT	612.49
R2	245+63.55	32.00' LT	612.57



### LEGEND

- DETECTABLE WARNINGS
  - TURNING SPACE
  - EXISTING ELEVATION
  - \* SIDE CURB (0" < HEIGHT ≤ 9")
  - TYPE B CURB SPL. (9" < HEIGHT ≤ 18")
  - RETAINING WALL (HEIGHT > 18")
- \* SIDE CURB TO BE INCLUDED FOR PAYMENT AS SIDEWALK

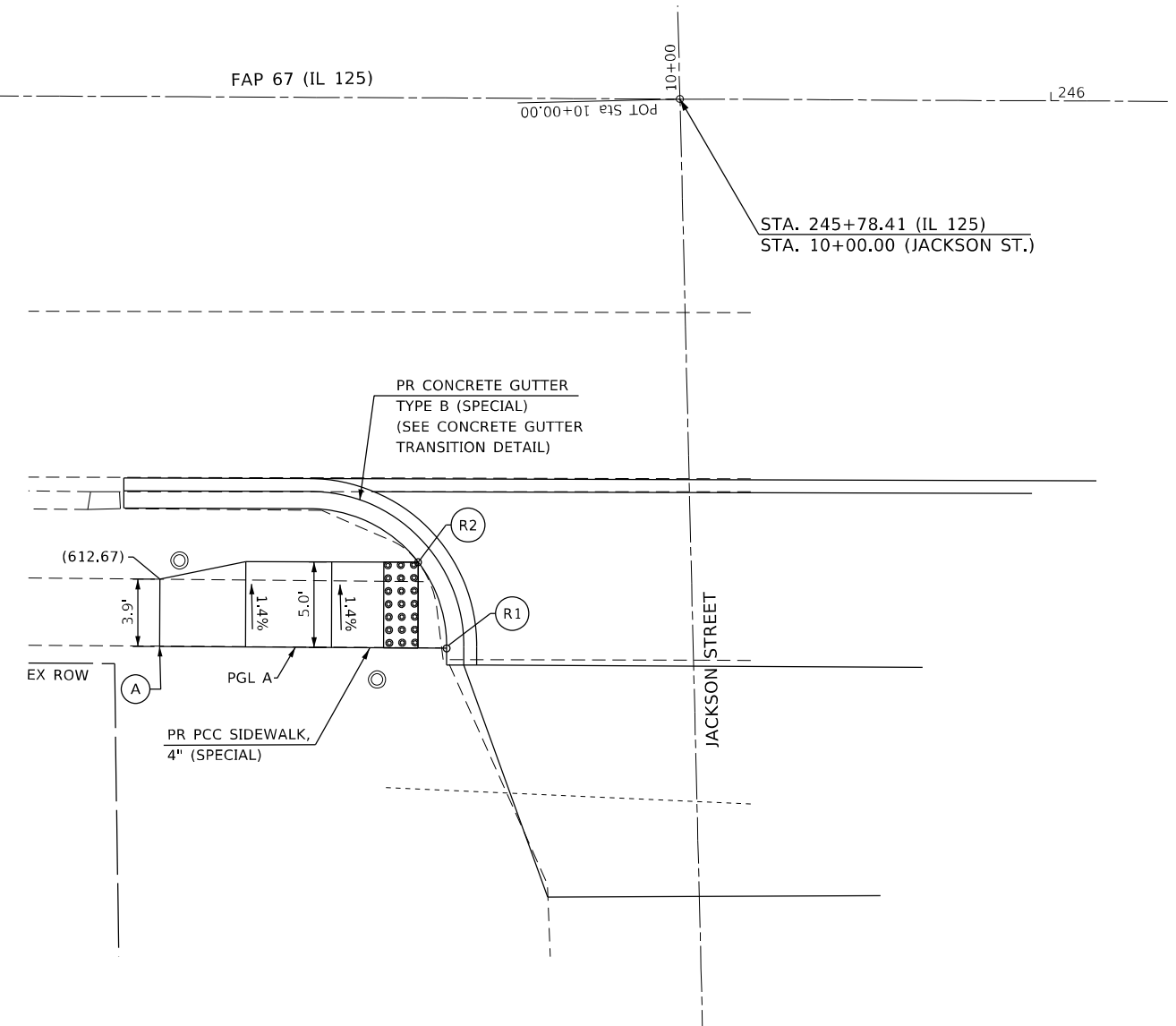
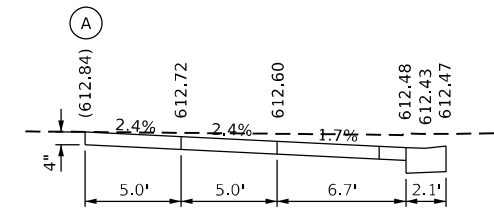


### JACKSON ST. - SW QUAD

HIGHWAY STANDARD 424001 - PERPENDICULAR CURB RAMP

EOP ELEVATIONS SW QUAD IL 125 / JACKSON ST			
POINT	STATION	OFFSET	ELEVATION
R1	245+63.30	32.02' RT	612.48
R2	245+64.98	27.02' RT	612.36

PROFILE A



MODEL: P:\default  
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THE CONTRACTOR SHALL VERIFY EXISTING FIELD CONDITIONS PRIOR TO THE CONSTRUCTION OF ANY RAMP OR SIDEWALK. ANY ADJUSTMENTS NECESSARY TO MEET EXISTING FIELD CONDITIONS SHALL BE APPROVED BY THE ENGINEER PRIOR TO CONSTRUCTION.

USER NAME = cancel	DESIGNED - JS	REVISED -
PLOT SCALE = 10,0000 * / in.	DRAWN - BH	REVISED -
PLOT DATE = 2/10/2022	CHECKED - NC	REVISED -
	DATE - 06/17/2021	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

ADA - SIDEWALK DETAILS

SCALE: SHEET OF SHEETS STA. TO STA.

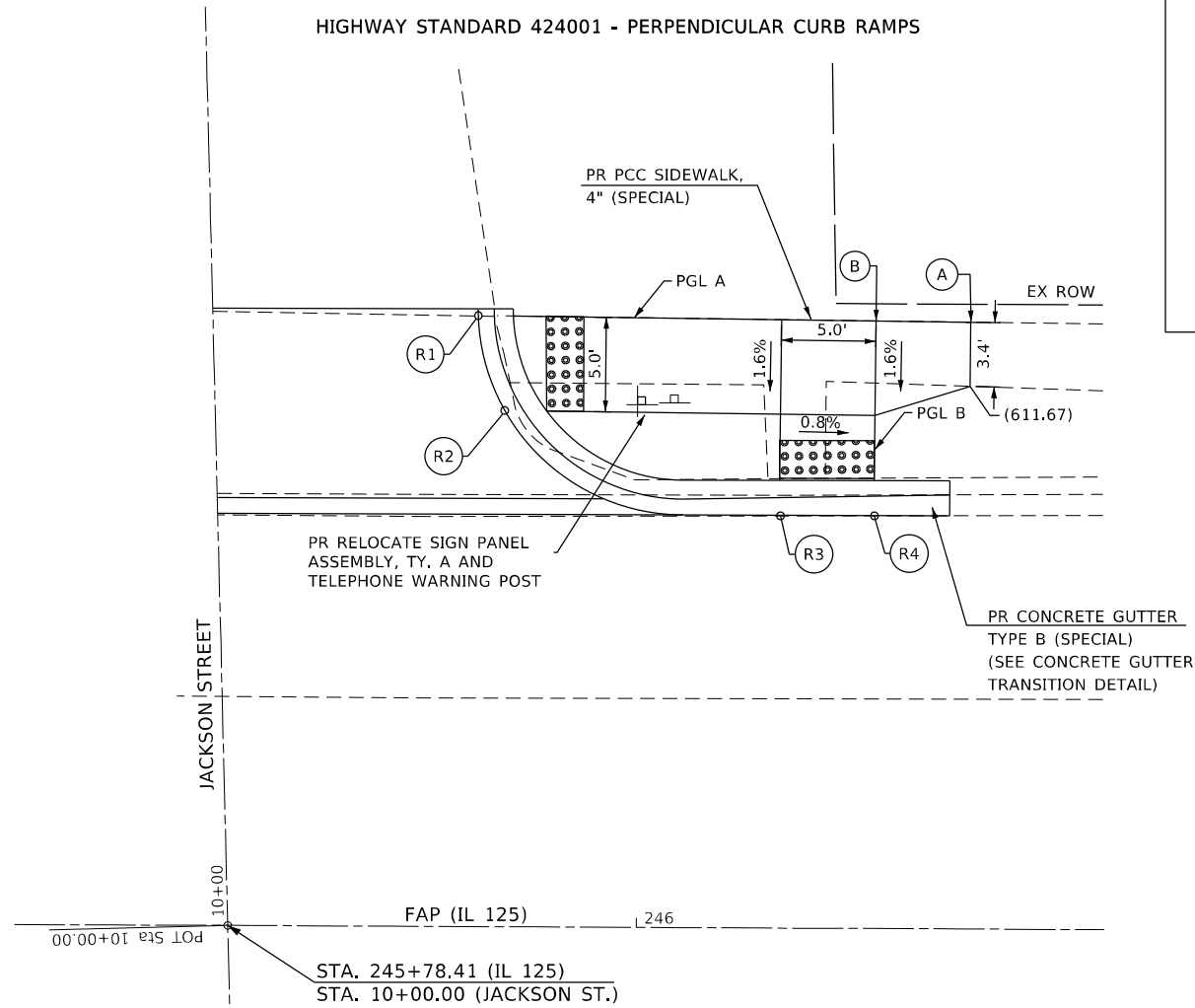
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
67	*	*	37	31
CONTRACT NO. 72M22				

(3 RS-5, 105 RS-7, 106 RS-R)SW

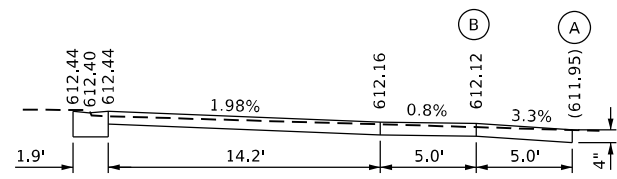
Cass, Sangamon

### JACKSON ST. - NE QUAD

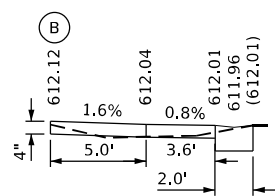
HIGHWAY STANDARD 424001 - PERPENDICULAR CURB RAMP



PROFILE A



PROFILE B



EOP ELEVATIONS NE QUAD IL 125 / JACKSON ST			
POINT	STATION	OFFSET	ELEVATION
R1	245+91.50	32.28' LT	612.44
R2	245+92.92	27.27' LT	612.33
R3	246+07.51	21.77' LT	(612.05)
R4	246+19.99	21.80' LT	(612.01)

THE CONTRACTOR SHALL VERIFY EXISTING FIELD CONDITIONS PRIOR TO THE CONSTRUCTION OF ANY RAMP OR SIDEWALK. ANY ADJUSTMENTS NECESSARY TO MEET EXISTING FIELD CONDITIONS SHALL BE APPROVED BY THE ENGINEER PRIOR TO CONSTRUCTION.

### LEGEND

- DETECTABLE WARNINGS
  - TURNING SPACE
  - EXISTING ELEVATION
  - \* SIDE CURB (0" < HEIGHT ≤ 9")
  - TYPE B CURB SPL. (9" < HEIGHT ≤ 18")
  - RETAINING WALL (HEIGHT > 18")
- \* SIDE CURB TO BE INCLUDED FOR PAYMENT AS SIDEWALK

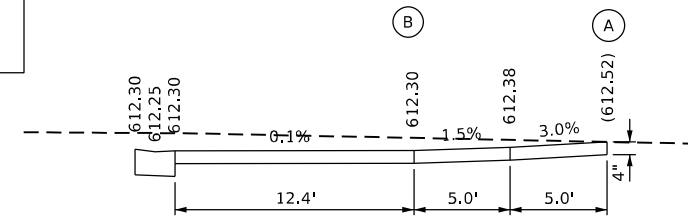


### JACKSON ST. - SE QUAD

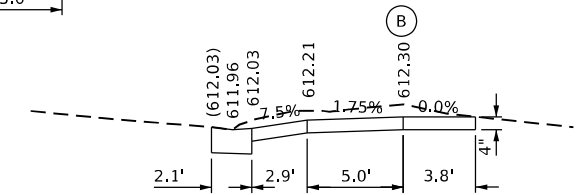
HIGHWAY STANDARD 424001 - PERPENDICULAR CURB RAMP

EOP ELEVATIONS SE QUAD IL 125 / JACKSON ST			
POINT	STATION	OFFSET	ELEVATION
R1	245+92.83	31.76' RT	(612.30)
R2	245+94.26	26.76' RT	(612.21)
R3	246+07.07	22.05' RT	(612.03)
R4	246+19.12	22.05' RT	(612.00)

PROFILE A



PROFILE B



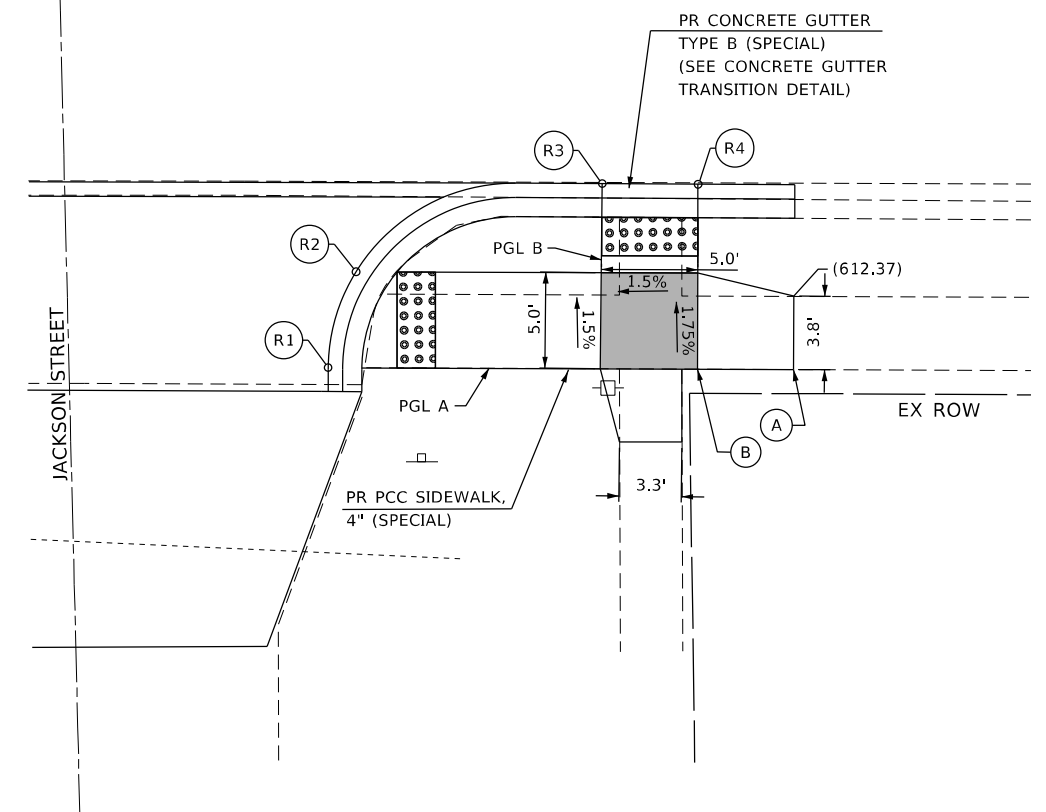
10+00

00'00+01

FAP 67 (IL 125) 246

STA. 245+78.41 (IL 125)

STA. 10+00.00 (JACKSON ST.)



STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

ADA - SIDEWALK DETAILS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
67	*	*	37	32
CONTRACT NO. 72M22				

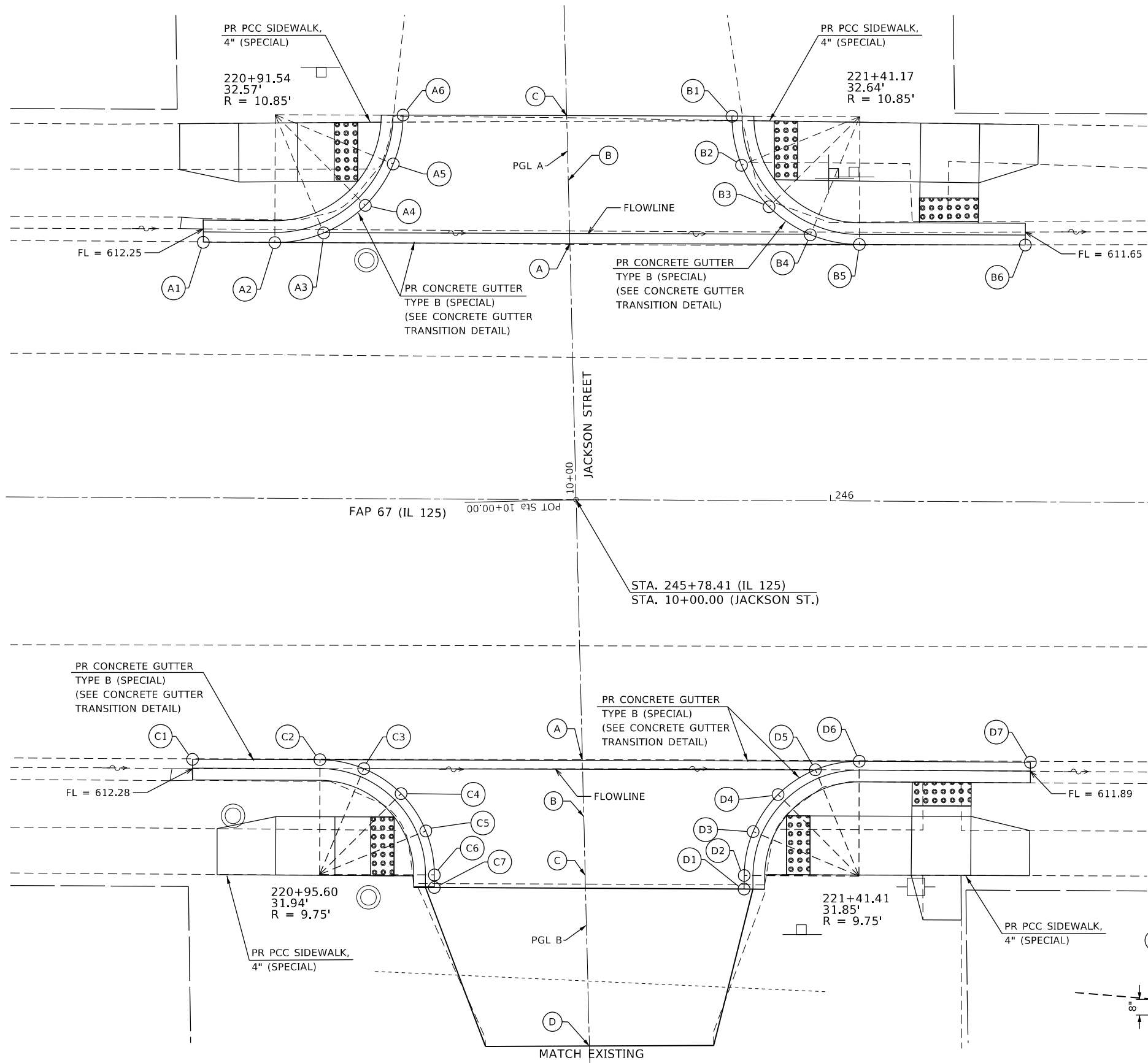
SCALE: SHEET OF SHEETS STA. TO STA.

ILLINOIS FED. AID PROJECT

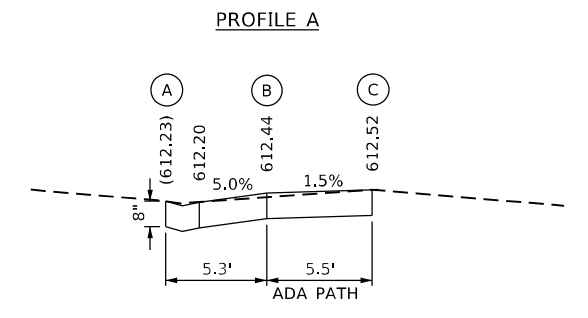
(3 RS-5, 105 RS-7, 106 RS-R)SW

Cass, Sangamon

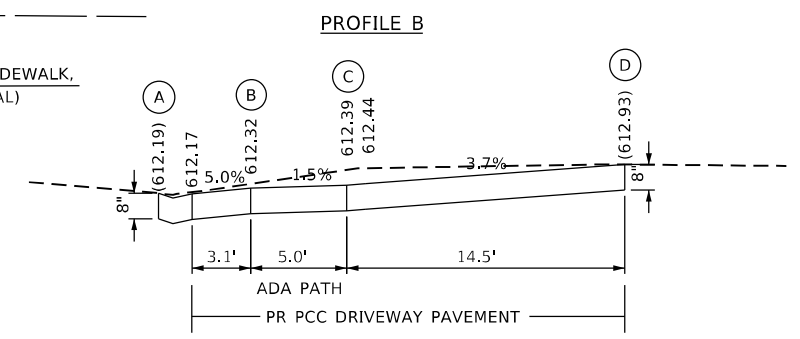
# JACKSON ST. - INTERSECTION



IL 125 / JACKSON ST			
POINT	STATION	OFFSET	ELEVATION
A1	245+46.65	21.71' LT	(612.35)
A2	245+52.72	21.72' LT	612.32
A3	245+56.88	22.56' LT	612.20
A4	245+60.40	24.91' LT	612.37
A5	245+62.74	28.44' LT	612.52
A6	245+63.56	32.60' LT	(612.58)
B1	245+91.49	32.63' LT	(612.44)
B2	245+92.32	28.48' LT	612.36
B3	245+94.68	24.96' LT	612.17
B4	245+98.19	22.61' LT	611.95
B5	246+02.36	21.79' LT	612.08
B6	246+16.45	21.83' LT	(611.98)



IL 125 / JACKSON ST			
POINT	STATION	OFFSET	ELEVATION
C1	245+45.94	22.20' RT	(612.39)
C2	245+56.76	22.19' RT	(612.33)
C3	245+60.50	22.93' RT	612.27
C4	245+63.67	25.04' RT	612.30
C5	245+65.78	28.20' RT	612.41
C6	245+66.53	31.94' RT	612.47
C7	245+66.53	33.00' RT	612.52
D1	245+92.83	33.00' RT	612.38
D2	245+92.83	31.85' RT	612.32
D3	245+93.57	28.12' RT	612.26
D4	245+95.68	24.96' RT	612.12
D5	245+98.84	22.86' RT	612.05
D6	246+01.16	22.10' RT	(612.05)
D7	246+17.09	21.12' RT	(611.96)



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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**ADA - SIDEWALK DETAILS**

SCALE:	SHEET	OF	SHEETS	STA.	TO	STA.
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
67	*	*	37	33
CONTRACT NO. 72M22				
ILLINOIS FED. AID PROJECT				







(3 RS-5, 105 RS-7, 106 RS-R)SW

Cass, Sangamon

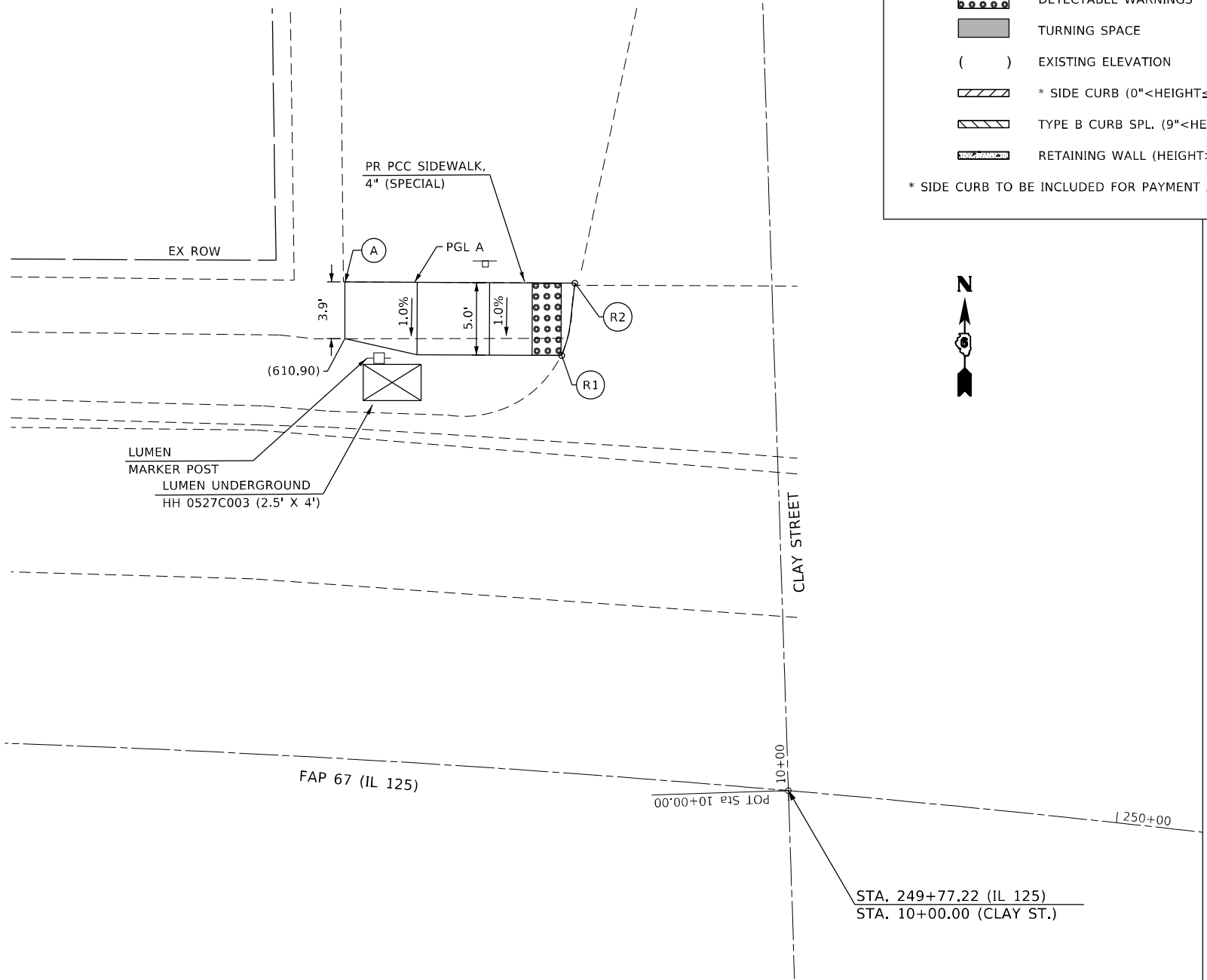
# CLAY ST. - NW QUAD

HIGHWAY STANDARD 424001 - PERPENDICULAR CURB RAMPS

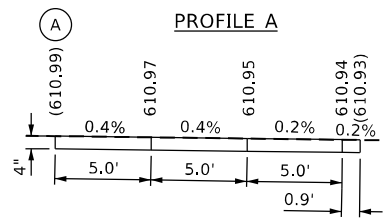
## LEGEND

-  DETECTABLE WARNINGS
-  TURNING SPACE
-  EXISTING ELEVATION
-  \* SIDE CURB (0" < HEIGHT ≤ 9")
-  TYPE B CURB SPL. (9" < HEIGHT ≤ 18")
-  RETAINING WALL (HEIGHT > 18")

\* SIDE CURB TO BE INCLUDED FOR PAYMENT AS SIDEWALK



LUMEN  
MARKER POST  
LUMEN UNDERGROUND  
HH 0527C003 (2.5' X 4')



EOP ELEVATIONS NW QUAD IL 125/ CLAY ST			
POINT	STATION	OFFSET	ELEVATION
R1	249+59.51	28.76' LT	(610.89)
R2	249+60.05	33.81' LT	(610.93)

THE CONTRACTOR SHALL VERIFY EXISTING FIELD CONDITIONS PRIOR TO THE CONSTRUCTION OF ANY RAMP OR SIDEWALK. ANY ADJUSTMENTS NECESSARY TO MEET EXISTING FIELD CONDITIONS SHALL BE APPROVED BY THE ENGINEER PRIOR TO CONSTRUCTION.

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PLOT DATE: 3/15/2022

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PLOT DATE = 3/15/2022	CHECKED - NC	REVISED -
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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**ADA - SIDEWALK DETAILS**

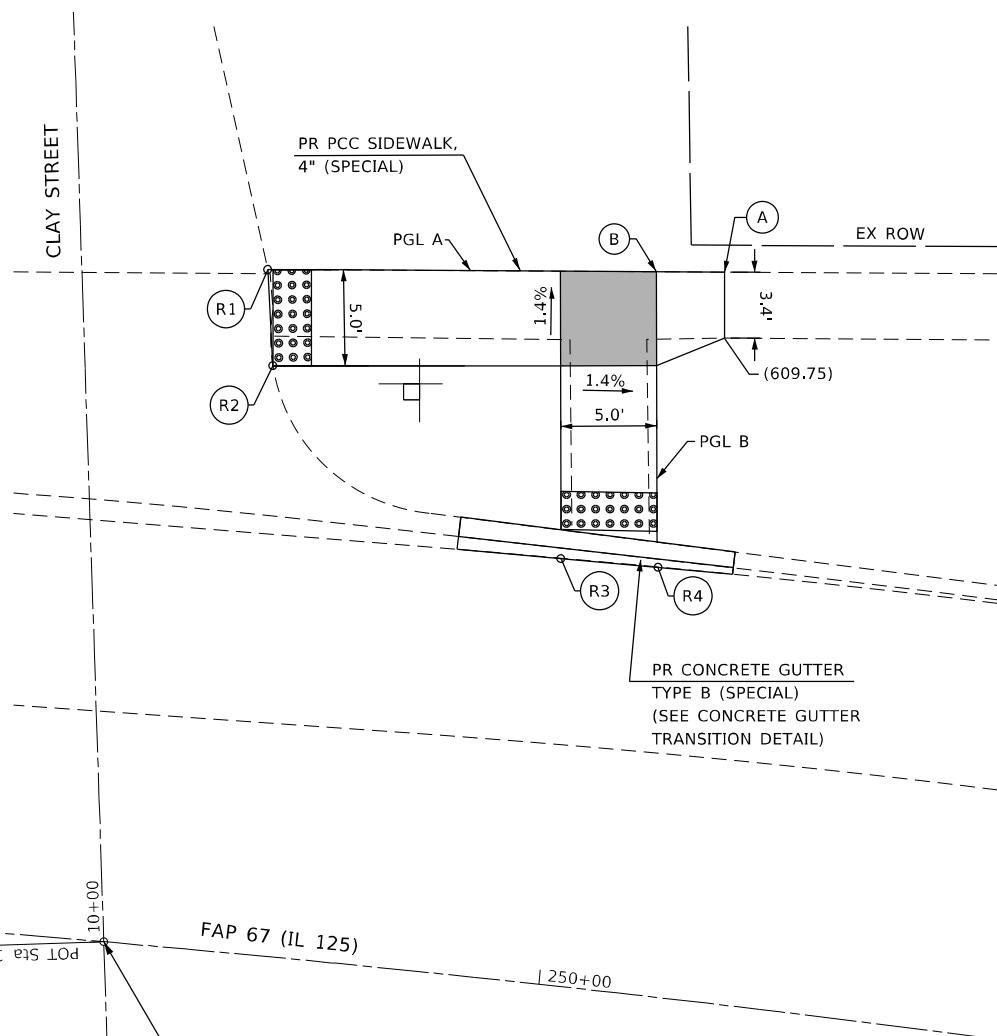
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
67	*	*	37	34

CONTRACT NO. 72M22

### CLAY ST. - NE QUAD

HIGHWAY STANDARD 424001 - PERPENDICULAR CURB RAMP



#### LEGEND

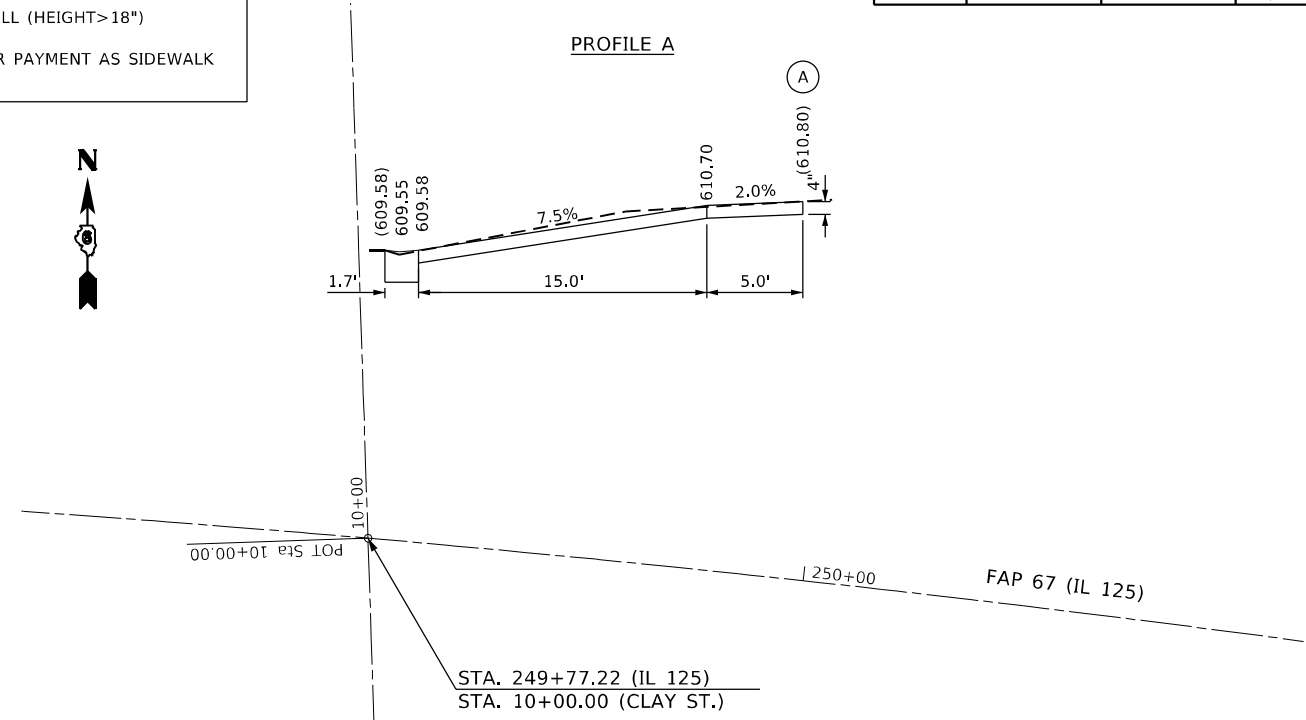
- DETECTABLE WARNINGS
- TURNING SPACE
- EXISTING ELEVATION
- \* SIDE CURB (0" < HEIGHT ≤ 9")
- TYPE B CURB SPL. (9" < HEIGHT ≤ 18")
- RETAINING WALL (HEIGHT > 18")

\* SIDE CURB TO BE INCLUDED FOR PAYMENT AS SIDEWALK

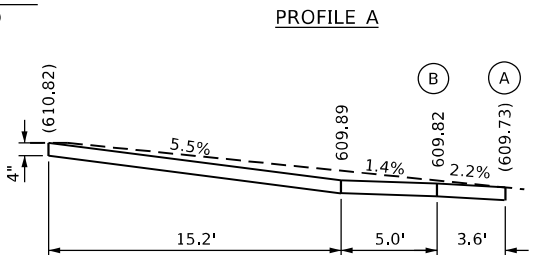
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HIGHWAY STANDARD 424001 - PERPENDICULAR CURB RAMP

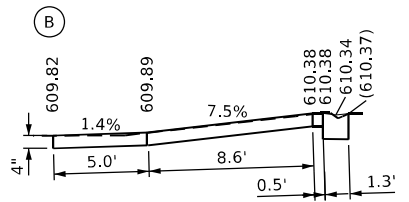
EOP ELEVATIONS SE QUAD IL 125/ CLAY ST			
POINT	STATION	OFFSET	ELEVATION
R1	250+06.14	21.88' RT	(609.58)
R2	250+17.47	21.85' RT	(609.52)



STA. 249+77.22 (IL 125)  
STA. 10+00.00 (CLAY ST.)

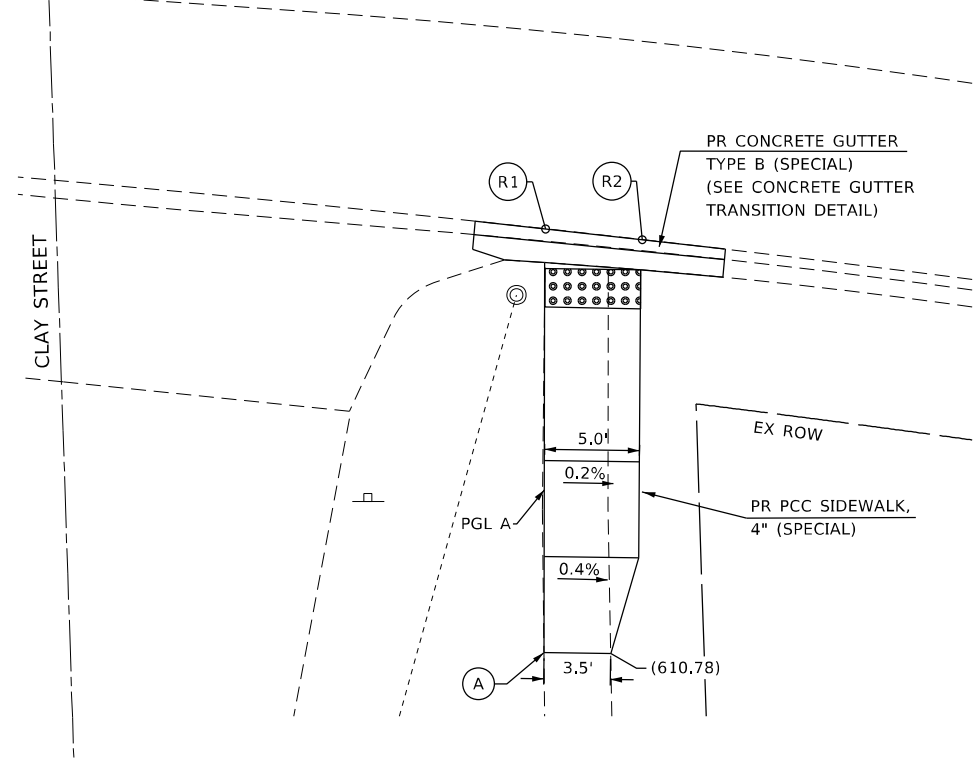


PROFILE B



EOP ELEVATIONS NE QUAD IL 125/ CLAY ST			
POINT	STATION	OFFSET	ELEVATION
R1	249+82.53	35.64' LT	(610.82)
R2	249+83.23	30.68' LT	(610.77)
R3	249+98.77	22.17' LT	(610.40)
R4	250+19.28	22.27' LT	(610.37)

THE CONTRACTOR SHALL VERIFY EXISTING FIELD CONDITIONS PRIOR TO THE CONSTRUCTION OF ANY RAMP OR SIDEWALK. ANY ADJUSTMENTS NECESSARY TO MEET EXISTING FIELD CONDITIONS SHALL BE APPROVED BY THE ENGINEER PRIOR TO CONSTRUCTION.



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 USER: jsangam  
 DATE: 2/10/2022

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DRAWN - BH	REVISIONS -	
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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**ADA - SIDEWALK DETAILS**







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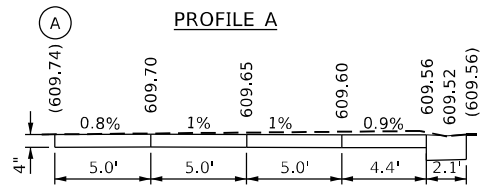
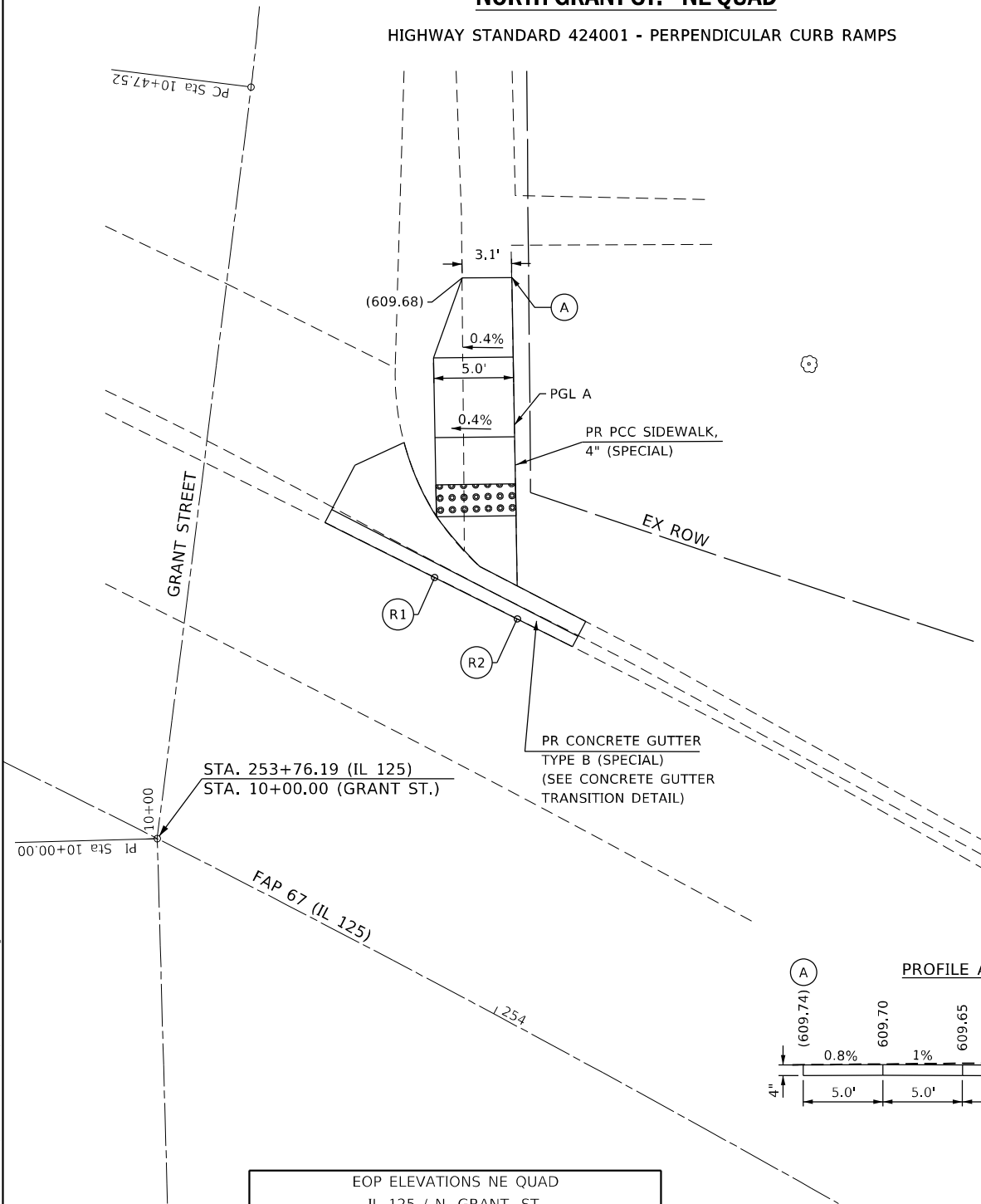
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
67	*	*	37	35
CONTRACT NO. 72M22				

# NORTH GRANT ST. - NE QUAD

HIGHWAY STANDARD 424001 - PERPENDICULAR CURB RAMP

## LEGEND

-  DETECTABLE WARNINGS
  -  TURNING SPACE
  -  EXISTING ELEVATION
  -  \* SIDE CURB (0" < HEIGHT ≤ 9")
  -  TYPE B CURB SPL. (9" < HEIGHT ≤ 18")
  -  RETAINING WALL (HEIGHT > 18")
- \* SIDE CURB TO BE INCLUDED FOR PAYMENT AS SIDEWALK



EOP ELEVATIONS NE QUAD IL 125 / N. GRANT, ST.			
POINT	STATION	OFFSET	ELEVATION
R1	253+84.16	22.51' LT	(609.58)
R2	253+89.84	22.59' LT	(609.56)

THE CONTRACTOR SHALL VERIFY EXISTING FIELD CONDITIONS PRIOR TO THE CONSTRUCTION OF ANY RAMP OR SIDEWALK. ANY ADJUSTMENTS NECESSARY TO MEET EXISTING FIELD CONDITIONS SHALL BE APPROVED BY THE ENGINEER PRIOR TO CONSTRUCTION.

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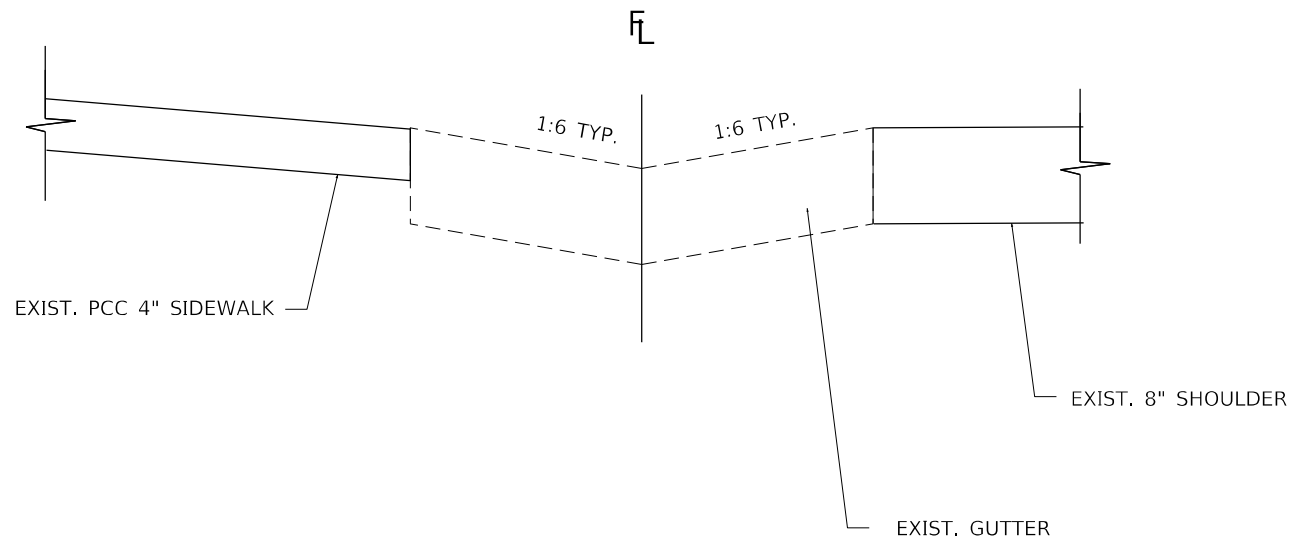
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**ADA - SIDEWALK DETAILS**

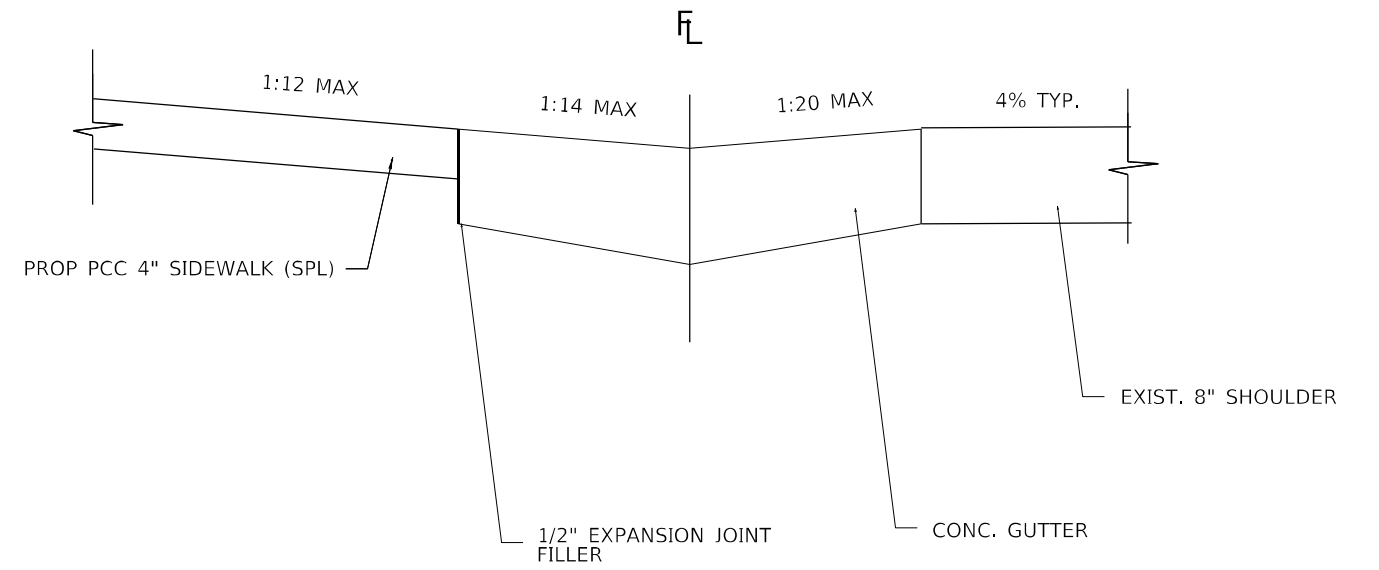
SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
67	*	*	37	36
CONTRACT NO. 72M22				

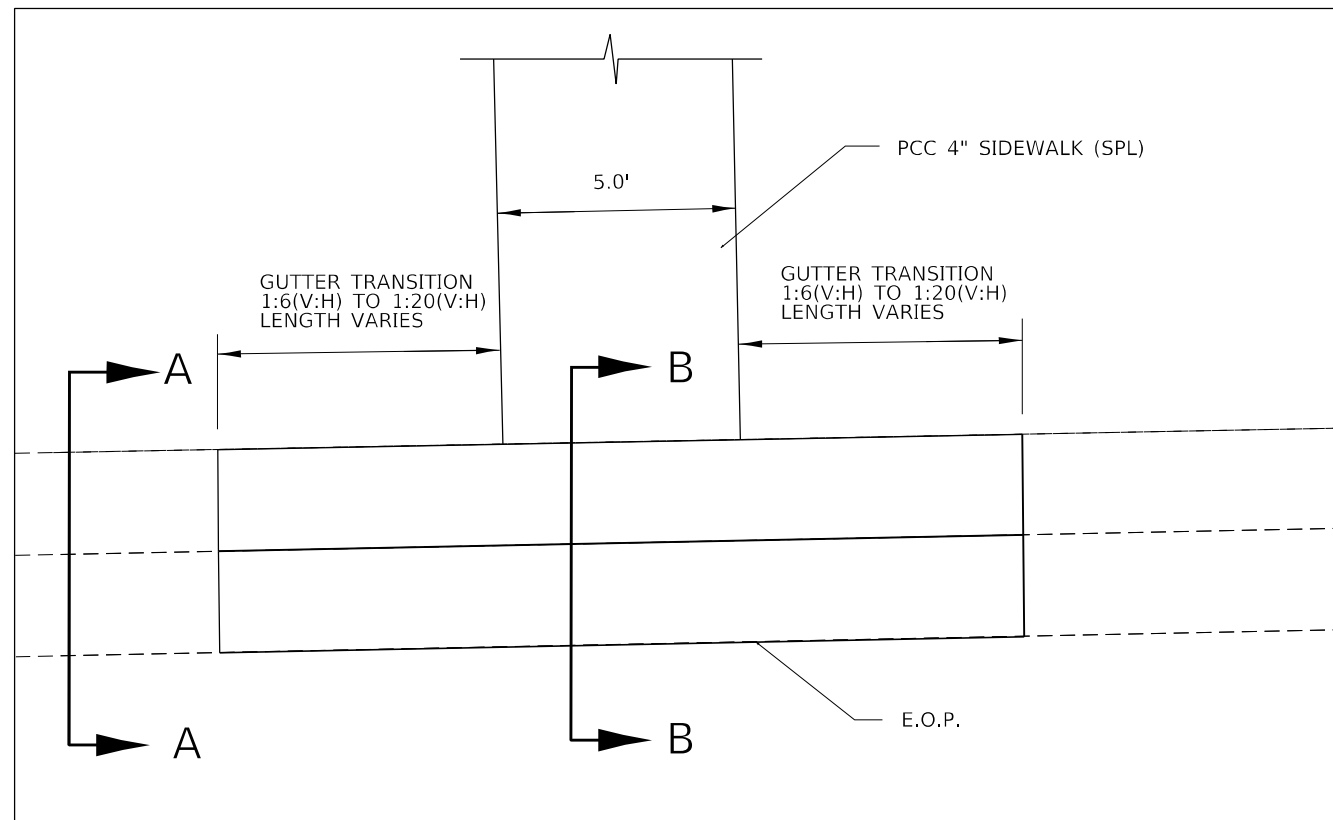




EXISTING GUTTER CROSS SECTION (A-A)



PROP. GUTTER CROSS SECTION (B-B)



PROP CONC. GUTTER (SPECIAL) TRANSITION

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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**CONCRETE GUTTER TRANSITION DETAIL**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
67	*	*	37	37
CONTRACT NO. 72M22				

(3 RS-5, 105 RS-7, 106 RS-R)SW

Cass, Sangamon