

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
608	121RS-5; 122RS-2	MACOUPIN	23	1
		ILLINOIS	CONTRACT NO. 72G63	

D-96-033-14



FOR INDEX OF SHEETS, SEE SHEET NO. 2

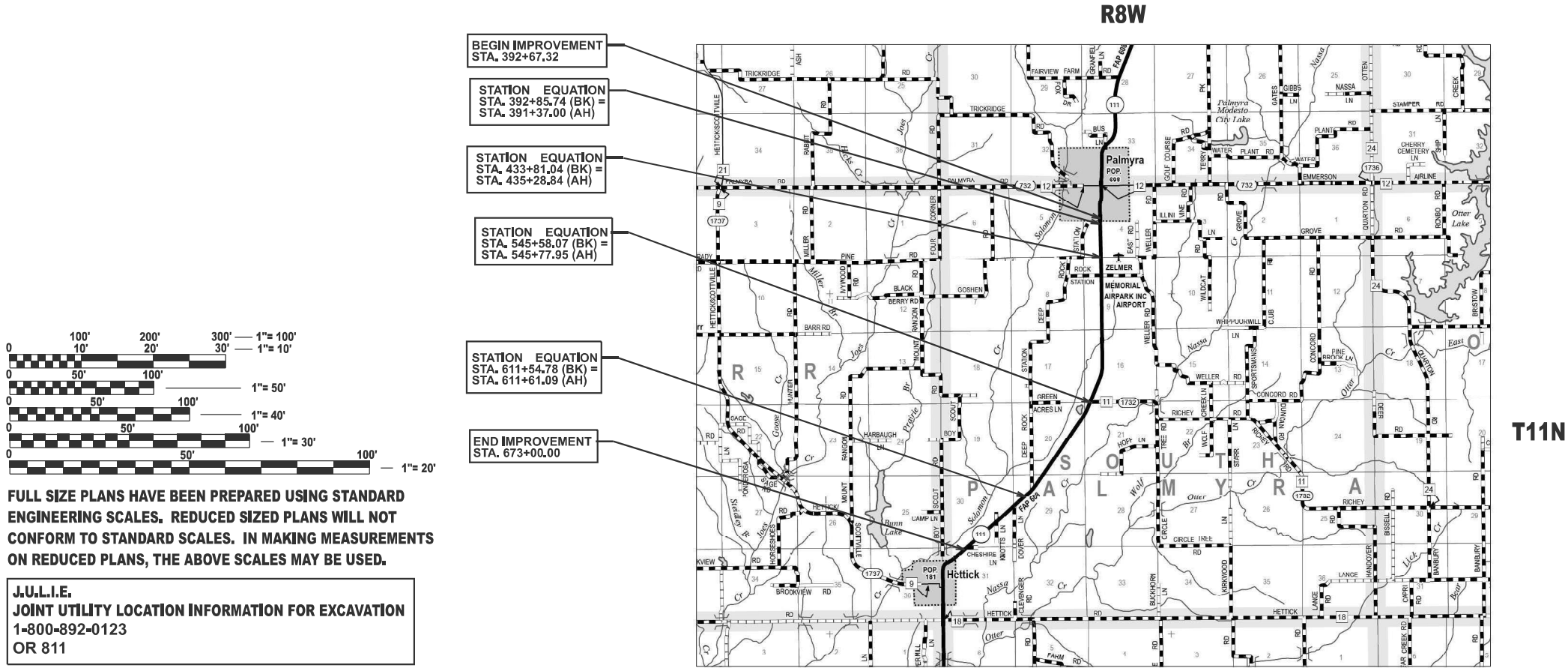
ROADWAY CLASSIFICATION
MINOR ARTERIAL

AVERAGE DAILY TRAFFIC YEAR 2023
ADT: 1,100, MU= 6.82%, SU=5.00%, PV=88.18%

**PROPOSED
HIGHWAY PLANS**

FAP ROUTE 608 (IL 111)
SECTION 121RS-5; 122RS-2
PROJECT STP-MCMY (093)
STANDARD OVERLAY
MACOUPIN COUNTY

C-96-033-14



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

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

PROJECT ENGINEER : JAY EDWARDS (217) 785-0597
PROJECT MANAGER : ANDREW CISLER (217) 524-0946

CONTRACT NO. 72G63

GROSS LENGTH = 27,949.40 FT. = 5.29 MILE
NET LENGTH = 27,949.40 FT. = 5.29 MILE

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUBMITTED August 15, 2025
Teresa C. Price
REGIONAL ENGINEER

October 3, 2025
See E.A. Etk
ENGINEER OF DESIGN AND ENVIRONMENT

October 3, 2025
W. Barry
DIRECTOR OF HIGHWAYS PROJECT IMPLEMENTATION

**PRINTED BY THE AUTHORITY
OF THE STATE OF ILLINOIS**

GENERAL NOTES

- 1

THE CONTRACTOR SHALL NOTIFY THE DISTRICT 6 BUREAU OF OPERATIONS AT (217) 785-5306 THREE WEEKS PRIOR TO IMPLEMENTING ANY TRAFFIC CONTROL.
- 2

NO PASSING ZONES SHALL BE FIELD VERIFIED AND DOCUMENTED BY THE RESIDENT ENGINEER. THE RESIDENT ENGINEER SHALL NOTIFY THE BUREAU OF OPERATIONS IF THEY HAVE CONCERNS WITH ANY NO PASSING ZONES AND AT LEAST 14 DAYS PRIOR TO PLACEMENT OF FINAL PAVEMENT MARKINGS AT 217-785-5306.

HIGHWAY STANDARDS

000001-09	STANDARD SYMBOLS, ABBREVIATIONS, AND PATTERNS
001006	DECIMAL OF AN INCH AND OF A FOOT
701001-02	OFF-RD OPERATIONS, 2L, 2W, MORE THAN 15' AWAY
701006-05	OFF-RD OPERATIONS, 2L, 2W, 15' TO 24" FROM PAVEMENT EDGE
701011-04	OFF-RD MOVING OPERATIONS, 2L, 2W, DAY ONLY
701201-05	LANE CLOSURE, 2L, 2W, DAY ONLY 45 MPH OR MORE
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
701901-11	TRAFFIC CONTROL DEVICES
780001-05	TYPICAL PAVEMENT MARKINGS
781001-04	TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS

INDEX OF SHEETS

1	COVER SHEET
2	INDEX OF SHEETS, GENERAL NOTES & HIGHWAY STANDARDS
3-4	SUMMARY OF QUANTITIES (2)
5-6	SCHEDULE OF QUANTITIES (2)
7	HORIZONTAL ALIGNMENT CONTROL
8-9	TYPICAL SECTIONS (2)
10-19	PLAN SHEETS (10)
20	TRANSITION DETAILS
21-23	ENTRANCE & SIDE ROAD DETAILS (3)

RATE TABLE

THE FOLLOWING RATES OF APPLICATION HAVE BEEN ASSUMED IN CALCULATING PLAN QUANTITIES.	
HMA SURFACE/BINDER	0.056 TONS/(SQYD*IN)
BITUMINOUS MATERIALS (TACK COAT)	0.025 LBS/SQFT (HMA LIFTS)
	0.05 LBS/SQFT (MILLED SURFACE)
AGGREGATE WEDGE SHOULDERS TYPE B	1.6 TONS/CUYD

COMMITMENTS

NONE

THE FOLLOWING MIXTURE REQUIREMENTS ARE APPLICABLE

LOCATIONS:	IL 111	IL 111	IL 111	IL 111
MIXTURE USE(S):	HMA SURFACE 1.5"	HMA BINDER 1.25"	HMA SHOULDERS (LOWER LIFT)	HMA SHOULDERS (TOP LIFT) & INCIDENTAL HMA
AC/PG:	PG 58-28	PG 58-28	PG 58-28	PG 58-28
DESIGN AIR VOIDS:	4.0% @ N DESIGN = 50	4.0% @ N DESIGN = 50	4.0% @ N DESIGN = 50	4.0% @ N DESIGN = 50
MIXTURE COMPOSITION (GRADATION MIXTURE)	IL 9.5	IL 9.5 FG	IL 9.5 FG	IL 9.5
FRICTION AGGREGATE:	MIX "C"	N/A	N/A	MIX "C"
QUALITY MANAGEMENT	QCP	QCP	QC/QA	QC/QA
SUBLOT SIZE:	1,000 TONS	1,000 TONS	N/A	N/A
MTD:	YES	NO	NO	NO

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
DISTRICT 6

EXAMINED

August 14,

20

25



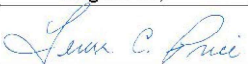
ENGINEER OF OPERATIONS

EXAMINED

August 14,

20

25



ENGINEER OF PROJECT IMPLEMENTATION

EXAMINED

August 14,

20

25



ENGINEER OF PROGRAM DEVELOPMENT

MODEL: 72G63 [Sheet]
FILE NAME: c:\pw\work\pwr\andrew.cisler@illinois.gov\0918930\0672\G63-shl-gennotes.dgn

MODEL: 72G63 - Summary of Quantities -1 [Sheet]
FILE NAME: c:\p\work\p\wd\andrew.cisler@illinois.gov\091893072G63-shr-SOO.dgn

				6-00465-0000
				STP FUNDING 80% FEDERAL 20% STATE
CODE NO.	ITEM	UNIT	TOTAL QUANTITY	ROADWAY
				0005
				RURAL
40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	55,038	55,038
40600370	LONGITUDINAL JOINT SEALANT	FOOT	27,978	27,978
40600405	MATERIAL TRANSFER DEVICE	TON	6,790	6,790
40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD	1,255	1,255
40600990	TEMPORARY RAMP	SQ YD	295	295
40602965	HOT-MIX ASPHALT BINDER COURSE, IL-9.5FG, N50	TON	5,658	5,658
40604050	HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "C", N50	TON	6,790	6,790
40800029	BITUMINOUS MATERIALS (TACK COAT)	POUND	526	526
40800050	INCIDENTAL HOT-MIX ASPHALT SURFACING	TON	140	140
44000155	HOT-MIX ASPHALT SURFACE REMOVAL, 1 1/2"	SQ YD	75,335	75,335
44000160	HOT-MIX ASPHALT SURFACE REMOVAL, 2 3/4"	SQ YD	5,489	5,489
44200156	PAVEMENT PATCHING, TYPE II, 13 INCH	SQ YD	100	100
44200160	PAVEMENT PATCHING, TYPE III, 13 INCH	SQ YD	100	100
44200162	PAVEMENT PATCHING, TYPE IV, 13 INCH	SQ YD	200	200

	USER NAME = andrew.cisler	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUMMARY OF QUANTITIES			F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN -	REVISED -					608	121RS-5; 122RS-2	MACOUPIN	23	3
		CHECKED -	REVISED -		CONTRACT NO. 72G63							
	PLOT DATE = 8/13/2025	DATE -	REVISED -		SCALE:	SHEET 1	OF 2	SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT	

MODEL: 72G63 - SOQ (Sheet)
FILE NAME: c:\p\p\work\p\work\andrew.cisler@illinois.gov\091893072G63-shr-SOQ.dgn

				6-00465-0000
				STP FUNDING 80% FEDERAL 20% STATE
CODE NO.	ITEM	UNIT	TOTAL QUANTITY	ROADWAY
				0005
				RURAL
48102100	AGGREGATE WEDGE SHOULDER, TYPE B	TON	989	989
48203100	HOT-MIX ASPHALT SHOULDERS	TON	110	110
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	6	6
67100100	MOBILIZATION	L SUM	1	1
70100450	TRAFFIC CONTROL AND PROTECTION, STANDARD 701201	L SUM	1	1
70100460	TRAFFIC CONTROL AND PROTECTION, STANDARD 701306	L SUM	1	1
70300100	SHORT TERM PAVEMENT MARKING	FOOT	8,397	8,397
70300150	SHORT TERM PAVEMENT MARKING REMOVAL	SQ FT	2,799	2,799
* 78009005	MODIFIED URETHANE PAVEMENT MARKING - LINE 5"	FOOT	72,234	72,234
* 78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	352	352
78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	352	352
Ø Z0076600	TRAINEES	hour	2000	2000
Ø Z0076604	TRAINEES TRAINING PROGRAM GRADUATE	hour	2000	2000

* SPECIALTY ITEM Ø 0042

REV - MS

	USER NAME = andrew.cisler	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUMMARY OF QUANTITIES			F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN -	REVISED -					608	121RS-5; 122RS-2	MACOUPIN	23	4
		CHECKED -	REVISED -					CONTRACT NO. 72G63				
	PLOT DATE = 8/13/2025	DATE -	REVISED -		SCALE:	SHEET 2	OF 2	SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT	

					40600290		40600370	40600405	40602965	40604050	44000155	44000160
LOCATION			LENGTH	WIDTH	BITUMINOUS MATERIALS (TACK COAT) MILLING	BITUMINOUS MATERIALS (TACK COAT) BINDER LIFT	LONGITUDINAL JOINT SEALANT	MATERIAL TRANSFER DEVICE	HMA BINDER COURSE, IL 9.5 FG, N50	HMA SURFACE COURSE, IL 9.5, MIX "C", N50	HMA SURFACE REM 1 1/2"	HMA SURFACE REM 2 3/4"
FAP 608 (IL 111)			FOOT	FOOT	POUND	POUND	FOOT	TON	TON	TON	SQYD	SQ YD
392+67.32	TO	392+85.74	18.42	26	23.9	12.0	18.4	4.5	3.7	4.5	53.21	
STA EQ #1 STA. 392+85.74 (BK) = STA. 391+37.00 (AH)												
391+37.00	TO	391+48.58	11.58	26	15.1	7.5	11.6	2.8	2.3	2.8	33.45	
391+48.58	TO	433+81.04	4232.46	26	5,502.2	2,751.1	4,232.5	1,027.1	855.9	1,027.1	12,227.11	
STA EQ #2 STA. 433+81.04 (BK) = STA. 435+28.84 (AH)												
435+28.84	TO	474+00.00	3871.16	26	5,032.5	2,516.3	3,871.2	939.4	782.8	939.4	11,183.35	
474+00.00	TO	474+50.00	50	26	65.0	32.5	50.0	12.1	10.1	12.1		144.44
474+50.00	TO	480+76.00	626	26	813.8	406.9	626.0	151.9	126.6	151.9		1,808.44
480+76.00	TO	485+10.00	434	26	564.2	282.1	434.0	105.3	87.8	105.3		1,253.78
485+10.00	TO	485+40.00	30	26	39.0	19.5	30.0	7.3	6.1	7.3		86.67
485+40.00	TO	490+35.00	495	26	643.5	321.8	495.0	120.1	100.1	120.1		1,430.00
490+35.00	TO	493+00.00	265	26	344.5	172.3	265.0	64.3	53.6	64.3		765.56
493+00.00	TO	545+58.07	5258.07	26	6,835.5	3,417.7	5,258.1	1,276.0	1,063.3	1,276.0	15,189.98	
STA EQ #3 STA. 545+58.07 (BK) = STA. 545+77.95 (AH)												
545+77.95	TO	608+50.00	6272.05	26	8,153.7	4,076.8	6,272.1	1,522.0	1,268.3	1,522.0	18,119.26	
608+50.00	TO	611+54.78	304.78	26	396.2	198.1	304.8	74.0	61.6	74.0	880.48	
STA EQ #4 STA. 611+54.78 (BK) = STA. 611+61.09 (AH)												
611+61.09	TO	673+00.00	6138.91	26	7,980.6	3,990.3	6,138.9	1,489.7	1,241.4	1,489.7	17,734.63	
			SUB TOTAL		36,370.7	18,185.3	27,977.4	6,789.2	5,657.7	6,789.2	75,334.8	5,488.9
			TOTAL		54,556		27,978	6,790	5,658	6,790	75,335	5,489

						40600290	48203100	44000160	
LOCATION			LENGTH	RIGHT HMA SHOULDER WIDTH	LEFT HMA SHOULDER WIDTH	DEPTH	BITUMINOUS MATERIALS (TACK COAT) MILLING	HMA SHOULDERS	HMA SURFACE REM 2 3/4"
FAP 608 (IL 111)			FOOT	FOOT	FOOT	INCH	POUND	TON	SQ YD
474+00.00	TO	474+50.00	50	5		2.75	18.8	4.3	27.8
474+50.00	TO	480+76.00	626	5	5	2.75	469.5	107.1	695.6
485+10.00	TO	485+40.00	30		5	2.75	11.3	2.6	16.7
485+40.00	TO	490+35.00	495	5	5	2.75	371.3	84.7	550.0
490+35.00	TO	493+00.00	265		5	2.75	99.4	22.7	147.2
			SUB TOTAL				481.9	109.9	713.9
			TOTAL				482	110	714

							48102100
LOCATION			LENGTH (FOOT)	LEFT AG SHOULDER WIDTH	RIGHT AG SHOULDER WIDTH	DEPTH	AGG WEDGE SHOULDER TYPE B
FAP 608 (IL 111)			FOOT	FOOT	FOOT	INCH	TON
392+67.32	TO	392+85.74	18.42	3	3	1.25	0.7
STA EQ #1 STA. 392+85.74 (BK) = STA. 391+37.00 (AH)							
391+37.00	TO	391+48.58	11.58	3	3	1.25	0.4
391+48.58	TO	433+81.04	4232.46	3	3	1.25	156.8
STA EQ #2 STA. 433+81.04 (BK) = STA. 435+28.84 (AH)							
435+28.84	TO	474+00.00	3871.16	3	3	1.25	143.4
474+00.00	TO	474+50.00	50	3		1.25	0.9
480+76.00	TO	485+10.00	434	3	3	1.25	16.1
485+10.00	TO	485+40.00	30		3	1.25	0.6
490+35.00	TO	493+00.00	265		3	1.25	4.9
493+00.00	TO	531+88.00	3888	3	3	1.25	144.0
531+88.00	TO	545+58.07	1370.07	3	3	1.25	50.7
STA EQ #3 STA. 545+58.07 (BK) = STA. 545+77.95 (AH)							
545+77.95	TO	547+37.00	159.05	3	3	1.25	5.9
547+34.00	TO	600+04.00	5270	3	3	1.25	195.2
600+04.00	TO	611+54.78	1150.78	3	3	1.25	42.6
STA EQ #4 STA. 611+54.78 (BK) = STA. 611+61.09 (AH)							
611+61.09	TO	673+00.00	6138.91	3	3	1.25	227.4
			SUB TOTAL				988.4
			TOTAL				989

				78100100	78300200
<u>LOCATION</u>			<u>LENGTH</u>	RAISED REFLECTIVE PAVEMENT MARKER	RAISED REFLECTIVE PAVEMENT MARKER REM
<u>FAP 608 (IL 111)</u>			<u>FOOT</u>	<u>EACH</u>	<u>EACH</u>
392+67.32	TO	392+85.74	18.42	1	1
STA EQ #1 STA. 392+85.74 (BK)= STA. 391+37.00 (AH)					
391+37.00	TO	433+81.04	4,244.04	54	54
STA EQ #2 STA. 433+81.04 (BK)= STA. 435+28.84 (AH)					
435+28.84	TO	545+58.07	11,029.23	138	138
STA EQ #3 STA. 545+58.07 (BK)= STA. 545+77.95 (AH)					
545+77.95	TO	611+54.78	6,576.83	83	83
STA EQ #4 STA. 611+54.78 (BK)= STA. 611+61.09 (AH)					
611+61.09	TO	673+00.00	6,138.91	77	77
TOTAL				352	352

			70300100	70300150
<u>LOCATION</u>			SHORT TERM PAVEMENT MARKING	SHORT TERM PAVEMENT MARKING REM
FAP 608 (IL 111)			FOOT	SQ FT
392+67.32	TO	392+85.74	2	1
STA EQ #1 STA. 392+85.74 (BK) = STA. 391+37.00 (AH)				
391+37.00	TO	433+81.04	424	141
STA EQ #2 STA. 433+81.04 (BK) = STA. 435+28.84 (AH)				
435+28.84	TO	545+58.07	1,103	368
STA EQ #3 STA. 545+58.07 (BK) = STA. 545+77.95 (AH)				
545+77.95	TO	611+54.78	658	219
STA EQ #4 STA. 611+54.78 (BK) = STA. 611+61.09 (AH)				
611+61.09	TO	673+00.00	614	205
AFTER MILLING			2,799	933
AFTER BINDER COURSE			2,799	933
AFTER SURFACE COURSE			2,799	933
TOTAL			8,397	2,799

				78009005			
<u>LOCATION</u>			<u>LENGTH</u>	MODIFIED URETHANE PAVEMENT MARKING 5"			
<u>FAP 608 (IL 111)</u>			<u>FOOT</u>	<u>FOOT</u>			
				<u>WHITE EDGE LINE</u>	<u>YELLOW SKIP DASH</u>	<u>YELLOW SOLID</u>	<u>YELLOW DOUBLE SOLID</u>
392+67.32	TO	392+85.74	18.42	36.0	4.6		
STA EQ #1 STA. 392+85.74 (BK)= STA. 391+37.00 (AH)							
391+37.00		391+48.58	11.58	23.2	2.9		
391+48.58		433+81.04	4232.46	8,464.9	1,058.1		
STA EQ #2 STA. 433+81.04 (BK)= STA. 435+28.84 (AH)							
435+28.84	TO	465+25.00	2996.16	5,992.3	749.0		
465+25.00	TO	475+25.00	1000.00	2,000.0	250.0	1,000.0	
475+25.00		515+25.00	4000.00	8,000.0			8,000.0
515+25.00	TO	545+58.07	3033.07	6,066.1	753.3		
STA EQ #3 STA. 545+58.07 (BK)= STA. 545+77.95 (AH)							
545+77.95	TO	566+25.00	2047.05	4,094.1	511.8		
566+25.00	TO	572+40.00	615.00	1,230.0	153.8	615.0	
572+40.00	TO	575+75.00	335.00	670.0	83.8		
575+75.00	TO	581+75.00	600.00	1,200.0	150.0	600.0	
581+75.00	TO	611+54.78	2979.78	5,959.6	744.9		
STA EQ #4 STA. 611+54.78 (BK)= STA. 611+61.09 (AH)							
611+60.09	TO	673+00.00	6139.91	12,279.8	1,535.0		
SUB TOTAL				56,016.9	6,002.1	2,215.0	8,000.0
TOTAL				72,234			

	USER NAME = andrew.cisler	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SCHEDULE OF QUANTITIES				F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN -	REVISED -						608	121RS-6; 122RS-2	MACOUPIN	23	5
		CHECKED -	REVISED -				CONTRACT NO. 72G63						
	PLOT DATE = 8/13/2025	DATE -	REVISED -		SCALE:	SHEET 1	OF 2	SHEETS	STA.	TO STA.			

								40600982	40600990	40800029	40800050
LOCATION	DESCRIPTION	TYPE	SIDE	FROM EOP	WIDTH (FOOT)		DEPTH	HMA SURFACE REMOVAL - BUTT JOINT	TEMPORARY RAMP	BITUMINOUS MATERIALS (TACK COAT)	INCIDENTAL HOT-MIX ASPHALT SURFACING
FAP 608 (IL 111)				FOOT	AT EOP	ENTRANCE	INCH	SQ YD	SQ YD	POUND	TON
391+48.58	IL 111	HMA						86.7	14.4		
433+81.04	ZELMER AIRPORT RD	HMA	LT	10	65	52	2.125	65.0	28.9	29.3	7.7
433+81.04	ZELMER AIRPORT RD	HMA	RT	10	50	30	2.125	44.4	16.7	20.0	5.3
467+66.00	CE	HMA	LT	10	90	70	2.125	88.9		40.0	10.6
504+30.00	PE	HMA	RT	20	65	23	2.125	97.8		44.0	11.6
529+84.00	RICHIE RD	HMA	LT	10	130	90	2.125	122.2	50.0	55.0	14.5
530+45.00	PE	HMA	RT	8	30	15	2.125	20.0		9.0	2.4
572+95.00	PE	HMA	RT	8	60	40	2.125	44.4		20.0	5.3
573+00.00	MAIL BOX TURNOUT	HMA	LT	8	80	40	2.125	53.3		24.0	6.3
577+40.00	WHITE CATTLE LN	HMA	LT	10	55	35	2.125	50.0	19.4	22.5	6.0
607+22.00	DEEP ROCK STATION RD	HMA	RT	10	82	62	2.125	80.0	34.4	36.0	9.5
610+38.00	PE	HMA	LT	8	75	60	2.125	60.0		27.0	7.1
611+03.00	PE	HMA	RT	8	56	36	2.125	40.9		18.4	4.9
624+00.00	PE	HMA	RT	8	65	38	2.125	45.8		20.6	5.4
625+13.00	DOVER LN	HMA	LT	10	80	70	2.125	83.3	38.9	37.5	9.9
642+39.00	MELROSE LN	HMA	RT	10	75	35	2.125	61.1	19.4	27.5	7.3
642+39.00	KNOTS LN	HMA	LT	10	70	45	2.125	63.9	25.0	28.8	7.6
662+00.00	MAIL BOX TURNOUT	HMA	RT	10	65	55	2.125	66.7		30.0	7.9
671+09.00	CHESHIRE LN	HMA	LT	10	85	60	2.125	80.6	33.3	36.3	9.6
673+00.00	IL 111								14.4		
					SUB TOTAL			1255.0	295.0	525.8	139.0
					TOTAL			1255	295	526	140

RESETTING SURVEY MARKERS							
NAD83/1997 ADJ - STATE PLANE WEST ZONE							
POINT	CORNER	EXISTING MONUMENT	STATION	OFFSET	NORTHING	EASTING	ALIGNMENT
3500	NE COR., NW 1/4, NW 1/4, SEC. 9, T.11N., R.8W., 3RD P.M.	4" X 4" PLATE	420+46.88	1.61 LT	1002662.467	2344858.378	E002
3501	NW COR., SE 1/4, NW 1/4, SEC. 9, T.11N., R.8W., 3RD P.M.	4" X 4" PLATE	435+28.26	0.22 LT	1001328.503	2344882.918	E003
3502	NW COR., SE 1/4, SW 1/4, SEC. 9, T.11N., R.8W., 3RD P.M.	4" X 4" PLATE	461+80.48	0.00	998677.048	2344912.586	E003
3503	NE COR., NW 1/4, NW 1/4, SEC. 16, T.11N., R.8W., 3RD P.M.	4" X 4" PLATE	475+06.46	0.41 RT	997351.217	2344932.368	E003
3504	NE COR., NW 1/4, SW 1/4, SEC. 16, T.11N., R.8W., 3RD P.M.	4" X 4" PLATE	501+63.63	1.42 LT	994694.336	2344973.245	E003

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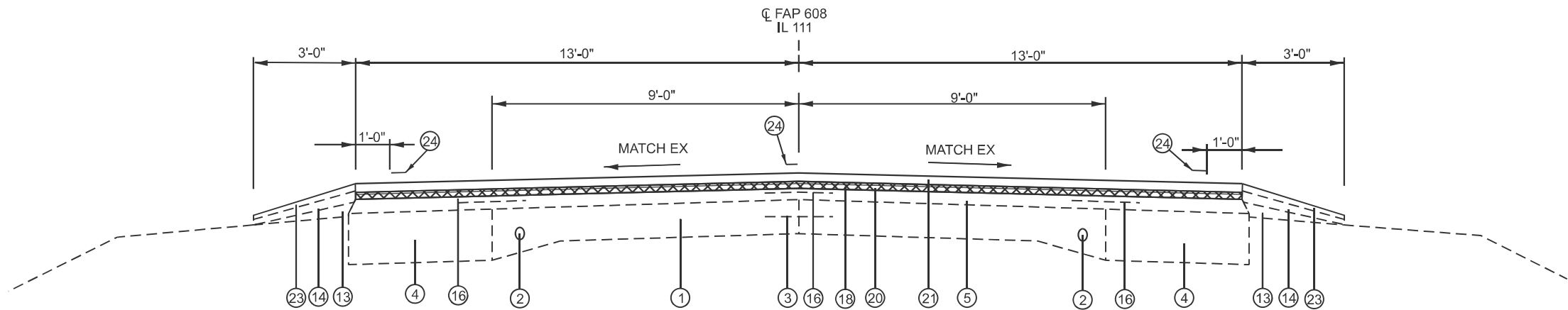
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		DRAWN -	REVISED -					608	121RS-5; 122RS-2	MACOUPIN	23	6
		CHECKED -	REVISED -					CONTRACT NO. 72G63				
	PLOT DATE = 8/13/2025	DATE -	REVISED -		SCALE:	SHEET 2	OF 2	SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT	

MODEL: 72G63 Horizontal Control [Sheet]
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HORIZONTAL ALIGNMENT CONTROL								
NAD83/1997 ADJ - STATE PLANE WEST ZONE								
POINT TYPE	STATION	NORTHING	EASTING	RADIUS	LENGTH	TANGENT	DELTA/THETA	ROTATION
ALIGNMENT NAME:		E001						
DESCRIPTION:		IL 111 MAINLINE						
POT	383+06.90	1006550.489	2344784.685					
POT STA EQ	392+85.74 BK=	1005571.767	2344800.265					
ALIGNMENT NAME:		E002						
DESCRIPTION:		IL 111 MAINLINE						
POT STA EQ	391+37.00 AH	1005571.767	2344800.265					
PI	391+51.23	1005557.535	2344800.492					
PI	420+46.88	1002662.436	2344856.767					
PI STA EQ	433+81.04 BK=	1001328.528	2344882.695					
ALIGNMENT NAME:		E003						
DESCRIPTION:		IL 111 MAINLINE						
PI STA EQ	435+28.84 AH	1001328.528	2344882.695					
PI	461+80.48	998677.048	2344912.586					
POT	475+06.46	997351.222	2344932.778					
PC	500+79.57	994778.410	2344971.961					
PI	505+94.85	994263.190	2344979.808	2492.89	1016.25	515.28	23°21'26"	RIGHT
PT	510+95.82	993787.081	2344782.747					
PC	533+48.02	991706.087	2343921.427					
PI	539+55.33	991144.943	2343689.171	5696.21	1210.05	607.31	12°10'17"	RIGHT
PT STA EQ	545+58.07 BK=	990645.381	2343343.826					
ALIGNMENT NAME:		E004						
DESCRIPTION:		IL 111 MAINLINE						
POT STA EQ	545+77.95 AH	990645.381	2343343.826					
POT	573+71.62	988347.360	2341755.213					
PC	601+65.29	986049.339	2340166.600					
PI	606+62.50	985640.344	2339883.863	4057.08	989.49	497.21	13°58'26"	RIGHT
PT STA EQ	611+54.78 BK=	985311.727	2339510.728					
ALIGNMENT NAME:		E005						
DESCRIPTION:		IL 111 MAINLINE						
POT STA EQ	611+61.09 AH	985311.727	2339510.728					
PI	643+00.00	983237.158	2337155.114					
PC	682+46.72	980628.826	2334193.155					
ALIGNMENT NAME:		ZELMERAIRPORT						
DESCRIPTION:		SIDE ROAD						
POT	8+50.00	1001327.766	2344732.697					
POT	10+00.00	1001328.528	2344882.695					
POT	11+50.00	1001329.289	2345032.693					

HORIZONTAL ALIGNMENT CONTROL								
NAD83/1997 ADJ - STATE PLANE WEST ZONE								
POINT TYPE	STATION	NORTHING	EASTING	RADIUS	LENGTH	TANGENT	DELTA/THETA	ROTATION
ALIGNMENT NAME:		RICHE						
DESCRIPTION:		SIDE ROAD						
POT	10+00.00	992043.657	2344061.147					
POT	11+48.74	992043.216	2344209.889					
ALIGNMENT NAME:		DEEPROCK						
DESCRIPTION:		SIDE ROAD						
POT	10+00.00	985588.053	2339795.164					
POT	11+32.32	985720.372	2339794.355					
ALIGNMENT NAME:		DOVER						
DESCRIPTION:		SIDE ROAD						
POT	8+50.00	984269.584	2338496.250					
POT	10+00.00	984419.577	2338497.717					
ALIGNMENT NAME:		KNOTTS_MELROSE						
DESCRIPTION:		SIDE ROAD						
POT	8+50.00	983108.912	2337184.271					
POT	10+00.00	983258.843	2337179.737					
POT	11+50.00	983408.775	2337175.204					
ALIGNMENT NAME:		CHESHIRE						
DESCRIPTION:		SIDE ROAD						
POT	10+00.00	981352.004	2335014.378					
POT	11+50.00	981352.561	2335164.377					

MODEL: 72G63 Typical - 1 [Sheet]
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TYPICAL SECTION #1

STA. 392+67.32 TO STA. 392+85.74
STA. EQN. STA. 392+85.74 BK = STA. 391+37.00
STA. 391+37.00 TO STA. 433+81.04
STA. EQN. STA. 433+81.04 BK = STA. 435+28.84 AH
RT. STA. 435+28.84 TO STA.474+00.00
LT. STA. 435+28.84 TO STA. 474+50.00
RT. STA. 490+35.00 TO STA. 499+20.00
LT. STA. 493+00.00 TO STA. 499+20.00
STA. 512+56.00 TO STA. 531+88.00
STA. 547+37.00 TO STA. 600+04.00
STA. 613+21.00 TO STA. 673+00.00

LEGEND FOR TYPICAL SECTIONS

- ① EXISTING PCC PAVEMENT (9 - 6 - 9)
- ② EXISTING 3/4" DIA. SMOOTH BAR
- ③ EXISTING METAL JOINT WITH 1/2" DIA. DEFORMED BAR
- ④ EXISTING BITUMINOUS CONCRETE BASE COURSE WIDENING 9"
- ⑤ EXISTING BITUMINOUS CONCRETE OVERLAY (1")
- ⑥ EXISTING BITUMINOUS CONCRETE SURFACE COURSE (1 1/2")
- ⑦ EXISTING BITUMINOUS CONCRETE OVERLAY (2 1/2")
- ⑧ EXISTING BITUMINOUS CONCRETE OVERLAY (2 1/2" & VARIES)
- ⑨ EXISTING BITUMINOUS CONCRETE OVERLAY (VARIES 1 1/2" TO 4 1/4")
- ⑩ EXISTING BITUMINOUS SHOULDERS 6"
- ⑪ EXISTING BITUMINOUS SHOULDERS, SUPERPAVE (1 1/2")
- ⑫ EXISTING SAFETY SHOULDER
- ⑬ EXISTING AGGREGATE SHOULDER, TYPE A
- ⑭ EXISTING AGGREGATE SHOULDERS, TYPE B
- ⑮ EXISTING CONCRETE GUTTER, TYPE A
- ⑯ EXISTING STRIP REFLECTIVE CRACK CONTROL TREATMENT
- ⑰ EXISTING BACKSLOPE DRAIN, TYPE 1, 6"
- ⑱ PROPOSED HMA SURFACE REMOVAL 1 1/2"
- ⑲ PROPOSED HMA SURFACE REMOVAL 2 3/4"
- ⑳ PROPOSED HMA BINDER COURSE 1 1/4"
- ㉑ PROPOSED HMA SURFACE COURSE 1 1/2"
- ㉒ PROPOSED HMA SHOULDERS
- ㉓ PROPOSED AGGREGATE WEDGE SHOULDER TYPE B
- ㉔ PROPOSED MODIFIED URETHANE PAVEMENT MARKING

USER NAME = andrew.cisler	DESIGNED -	REVISED -
	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 8/7/2025	DATE -	REVISED -

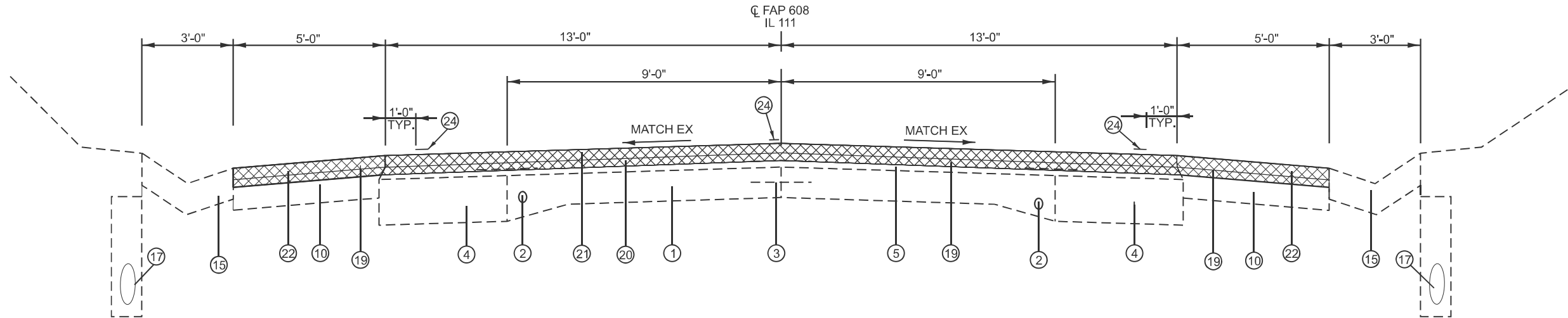
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TYPICAL SECTIONS

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

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
608	121RS-5; 122RS-2	MACOUPIN	23	8
CONTRACT NO. 72G63				
ILLINOIS FED. AID PROJECT				

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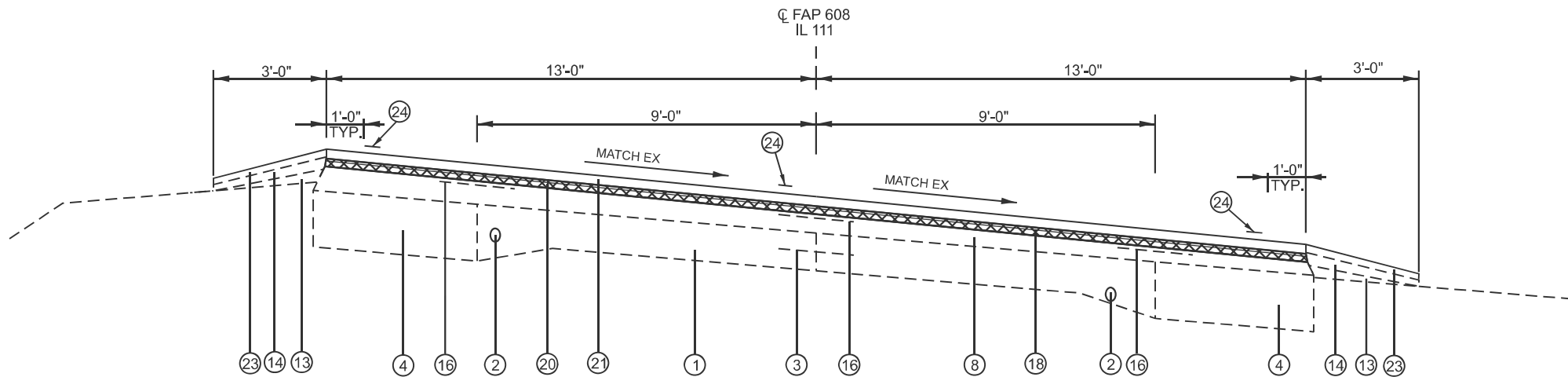
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RT. STA. 474+00.00 TO STA. 490+35.00

LT. STA. 474+50.00 TO STA. 493+00.00

LEGEND FOR TYPICAL SECTIONS

- 1 EXISTING PCC PAVEMENT (9 - 6 - 9)
- 2 EXISTING 3/4" DIA. SMOOTH BAR
- 3 EXISTING METAL JOINT WITH 1/2" DIA. DEFORMED BAR
- 4 EXISTING BITUMINOUS CONCRETE BASE COURSE WIDENING 9"
- 5 EXISTING BITUMINOUS CONCRETE OVERLAY (1")
- 6 EXISTING BITUMINOUS CONCRETE SURFACE COURSE (1 1/2")
- 7 EXISTING BITUMINOUS CONCRETE OVERLAY (2 1/2")
- 8 EXISTING BITUMINOUS CONCRETE OVERLAY (2 1/2" & VARIES)
- 9 EXISTING BITUMINOUS CONCRETE OVERLAY (VARIES 1 1/2" TO 4 1/4")
- 10 EXISTING BITUMINOUS SHOULDERS 6"
- 11 EXISTING BITUMINOUS SHOULDERS, SUPERPAVE (1 1/2")
- 12 EXISTING SAFETY SHOULDER
- 13 EXISTING AGGREGATE SHOULDER, TYPE A
- 14 EXISTING AGGREGATE SHOULDERS, TYPE B
- 15 EXISTING CONCRETE GUTTER, TYPE A
- 16 EXISTING STRIP REFLECTIVE CRACK CONTROL TREATMENT
- 17 EXISTING BACKSLOPE DRAIN, TYPE 1, 6"
- 18 PROPOSED HMA SURFACE REMOVAL 1 1/2"
- 19 PROPOSED HMA SURFACE REMOVAL 2 3/4"
- 20 PROPOSED HMA BINDER COURSE 1 1/4"
- 21 PROPOSED HMA SURFACE COURSE 1 1/2"
- 22 PROPOSED HMA SHOULDERS
- 23 PROPOSED AGGREGATE WEDGE SHOULDER TYPE B
- 24 PROPOSED MODIFIED URETHANE PAVEMENT MARKING



TYPICAL SECTION #3

STA. 499+20.00 TO STA 512+56.00

STA. 531+88.00 TO STA. 545+58.07

STA. EQN. STA. 545+58.07 (BK) = STA. 545+77.95(AH)

STA. 545+77.95 TO STA. 547+37.00

STA. 600+04.00 TO STA. 611+54.01

STA. EQN. STA 611+54.78 (BK) = STA. 611+61.09 (AH)

STA. 611+60.91 TO STA. 613+21.00

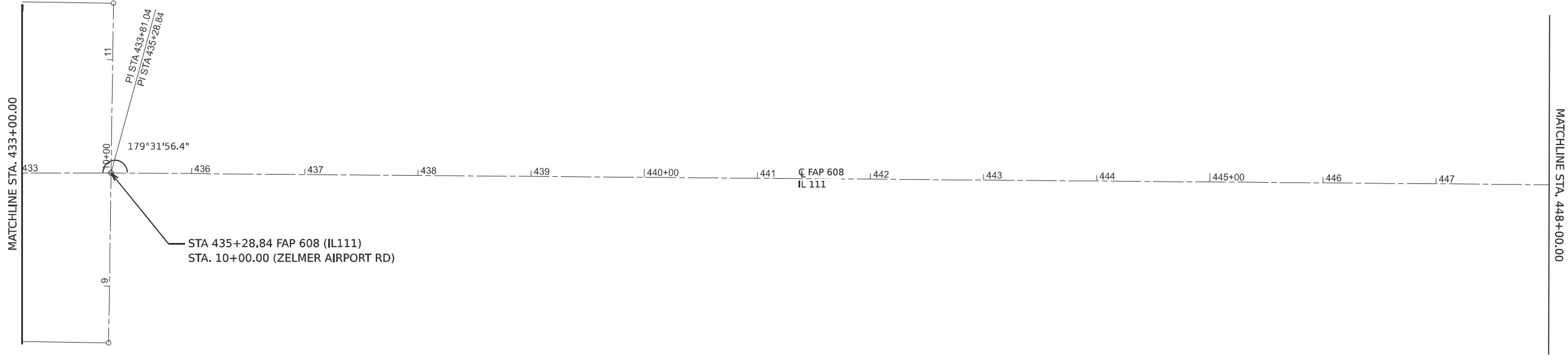
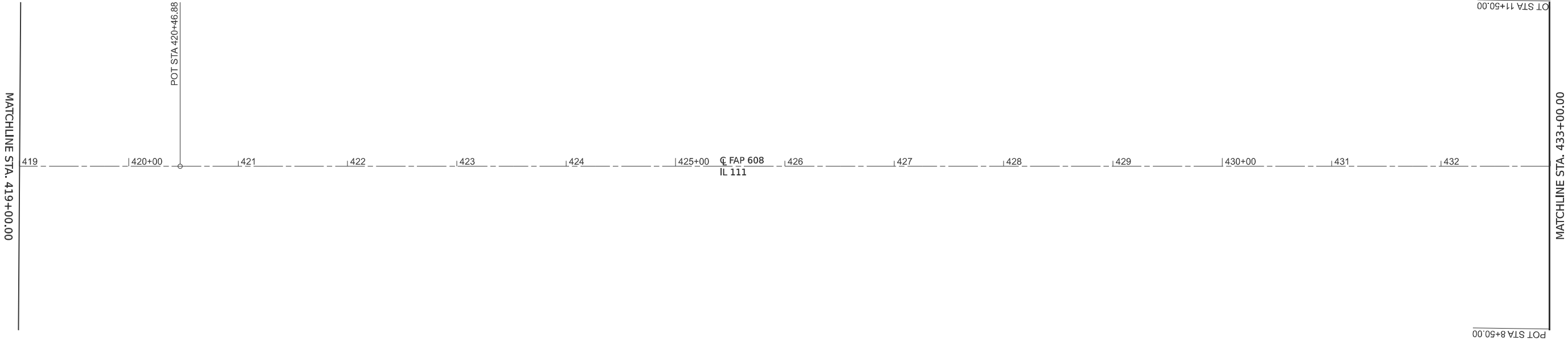
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TYPICAL SECTIONS

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
608	121RS-5; 122RS-2	MACOUPIN	23	9
CONTRACT NO. 72G63				
ILLINOIS FED. AID PROJECT				

MODEL: E001 - 72G63 Plan Sheet-2 [Sheet]
FILE NAME: c:\pw_work\pwidolandrew.cisler@illinois.gov\0918930\0672G63-sh1-plan.dgn



USER NAME	= andrew.cisler	DESIGNED	-	REVISED	-
		DRAWN	-	REVISED	-
		CHECKED	-	REVISED	-
PLOT DATE	= 8/7/2025	DATE	-	REVISED	-

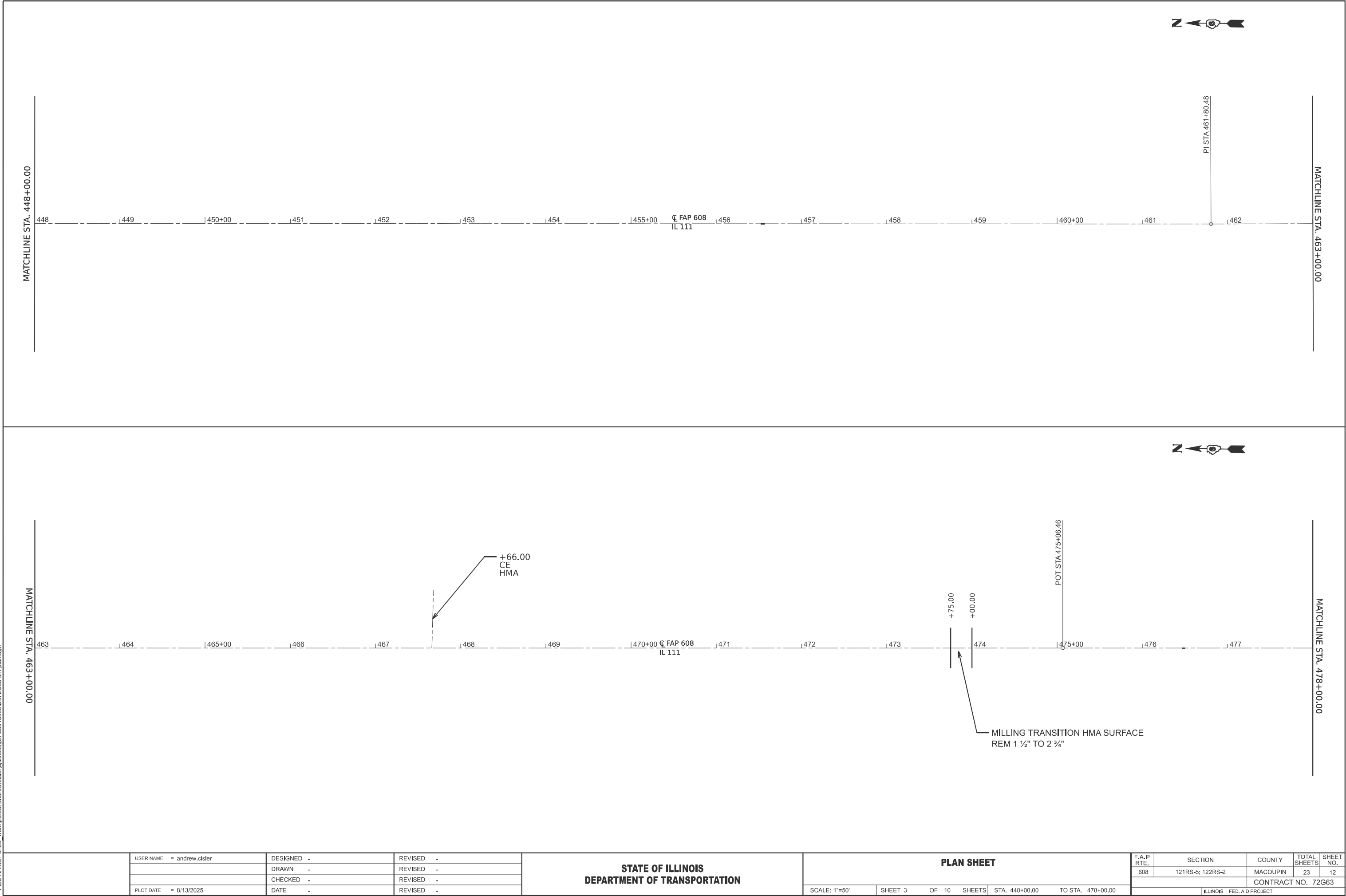
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PLAN SHEET

SCALE: 1"=50' SHEET 2 OF 10 SHEETS STA. 419+00.00 TO STA. 448+00.00

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
608	121RS-5; 122RS-2	MACOUPIN	23	11
CONTRACT NO. 72G63				
		ILLINOIS	FED. AID PROJECT	

MODEL: E001 - 72G63 Plan Sheet-4 [Sheet]
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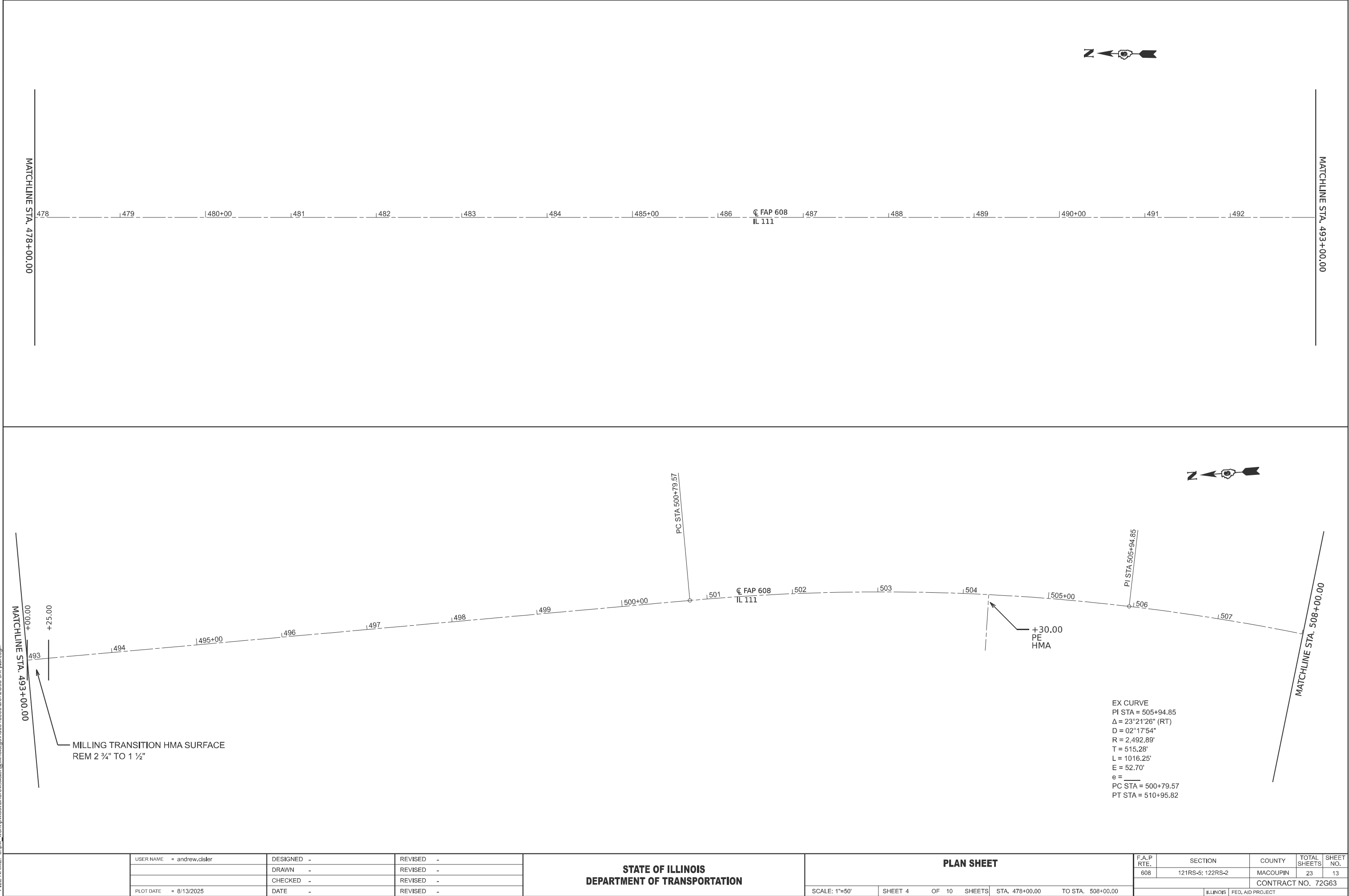
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		CHECKED	-	REVISED	-
PLOT DATE	= 8/13/2025	DATE	-	REVISED	-

STATE OF ILLINOIS	
DEPARTMENT OF TRANSPORTATION	

PLAN SHEET			
SCALE: 1"=50'	SHEET 3	OF 10 SHEETS	STA. 448+00.00 TO STA. 478+00.00

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
608	121RS-5; 122RS-2	MACOUPIN	23	12
CONTRACT NO. 72G63				
ILLINOIS FED. AID PROJECT				

MODEL: E001 - 72G63 Plan Sheet-4 [Sheet]
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	PLOT DATE	= 8/13/2025	DATE	-	REVISED	-

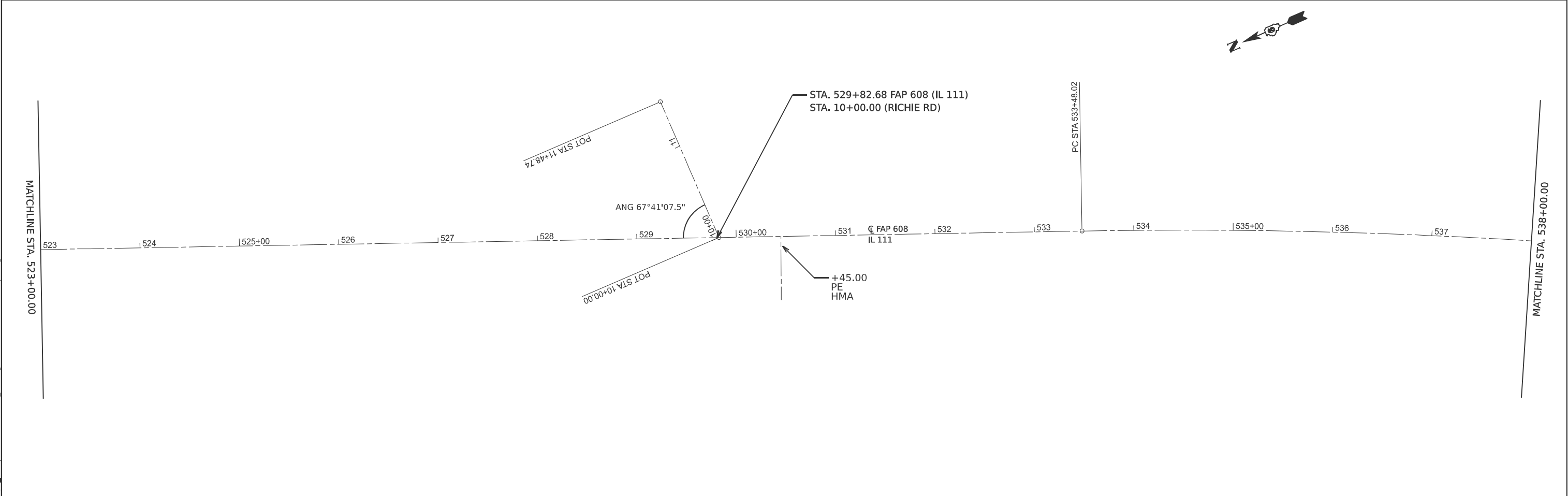
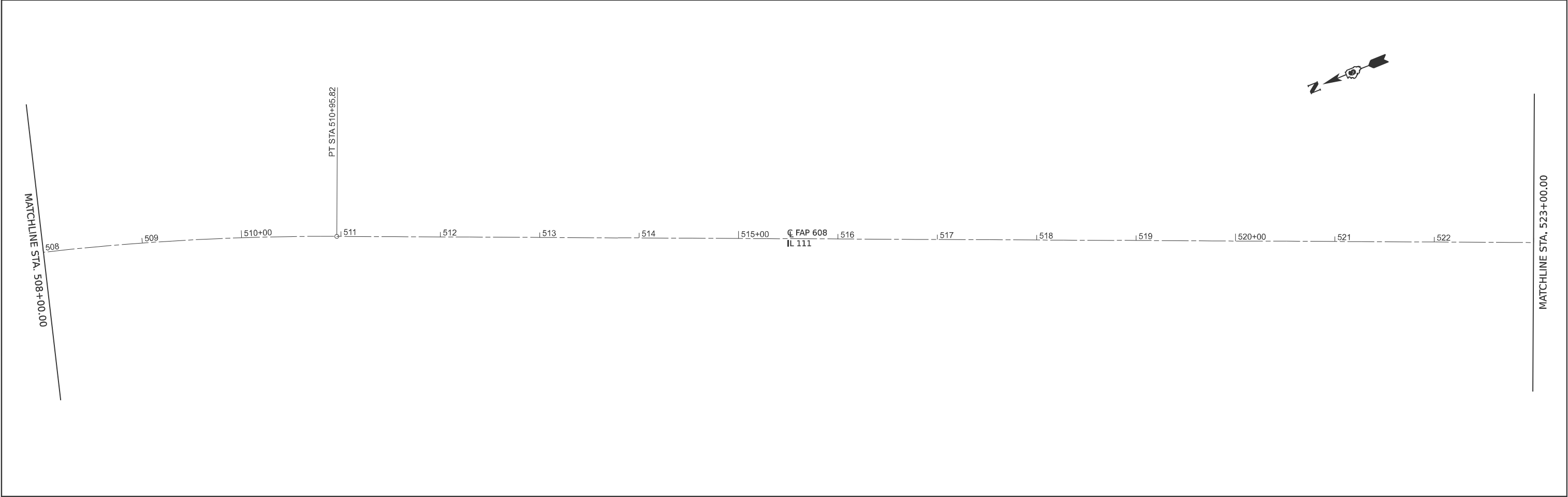
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PLAN SHEET

SCALE: 1"=50' SHEET 4 OF 10 SHEETS STA. 478+00.00 TO STA. 508+00.00

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
608	121RS-5; 122RS-2	MACOUPIN	23	13
CONTRACT NO. 72G63				
ILLINOIS FED. AID PROJECT				

MODEL: E001 - 72G63 Plan Sheet-3 [Sheet]
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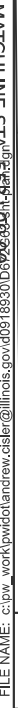
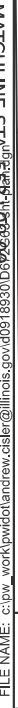


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PLOT DATE	= 8/13/2025	DATE	-	REVISED	-

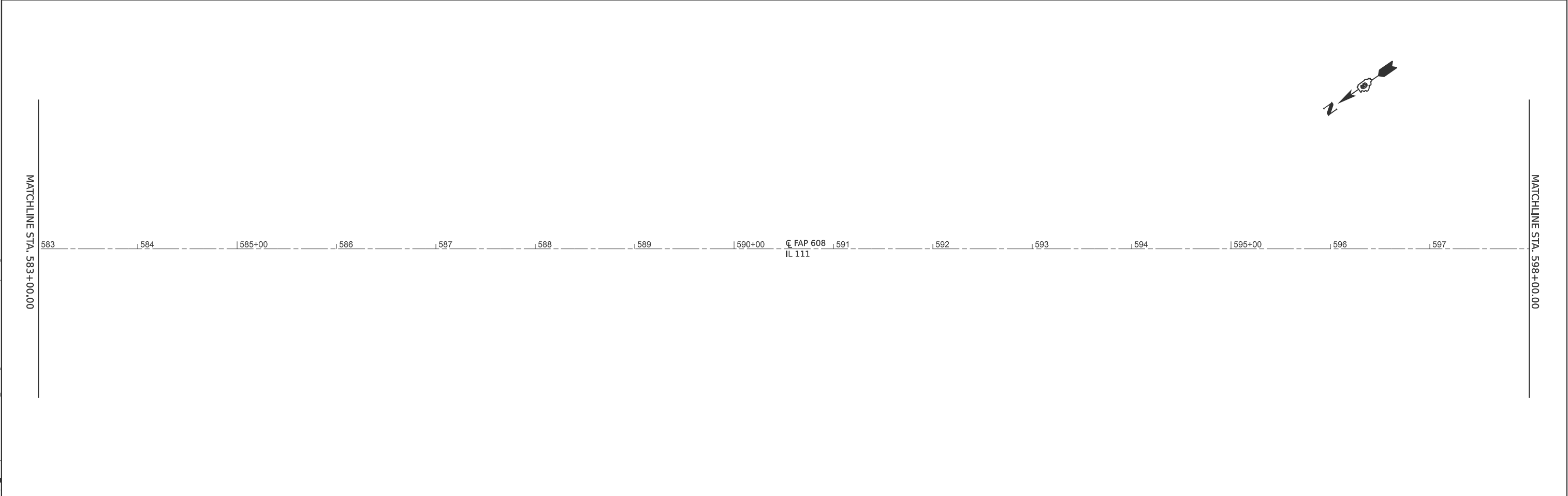
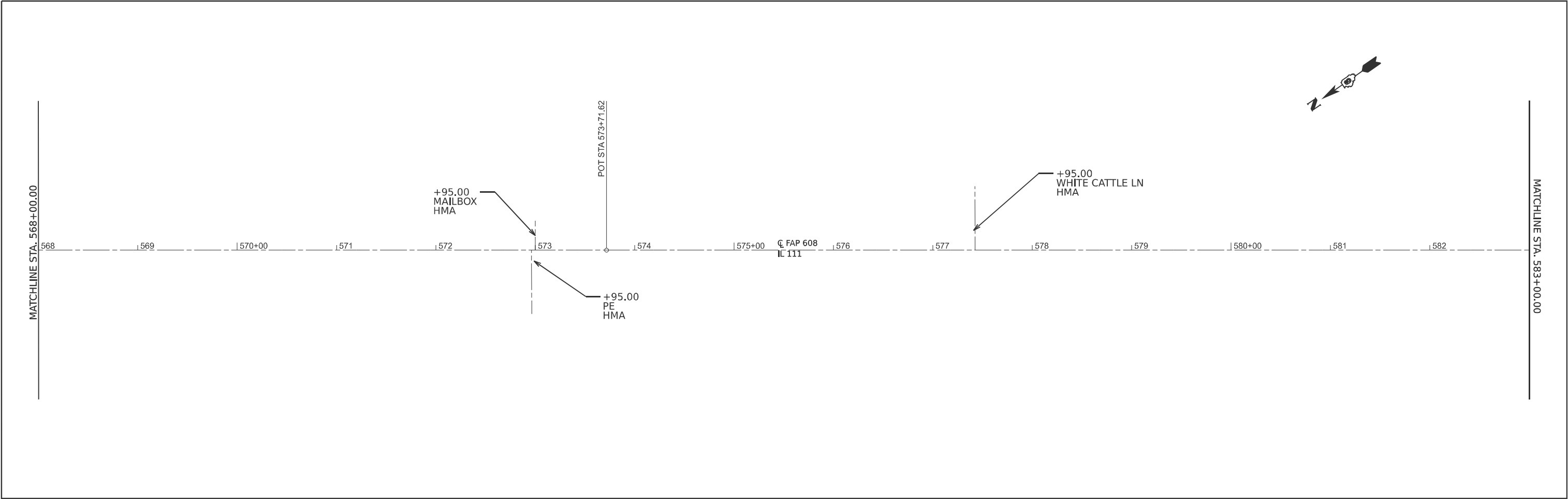
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PLAN SHEET			
SCALE: 1"=50'	SHEET 5	OF 10 SHEETS	STA. 508+00.00 TO STA. 538+00.00

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
608	121RS-5; 122RS-2	MACOUPIN	23	14
CONTRACT NO. 72G63				
ILLINOIS FED. AID PROJECT				

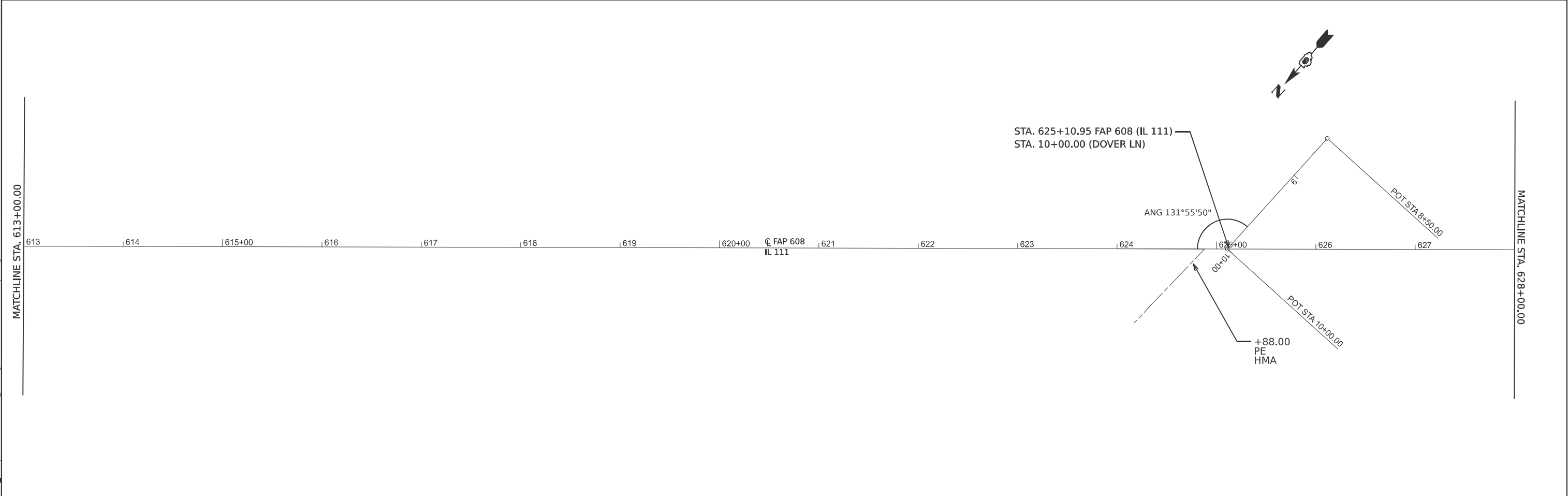
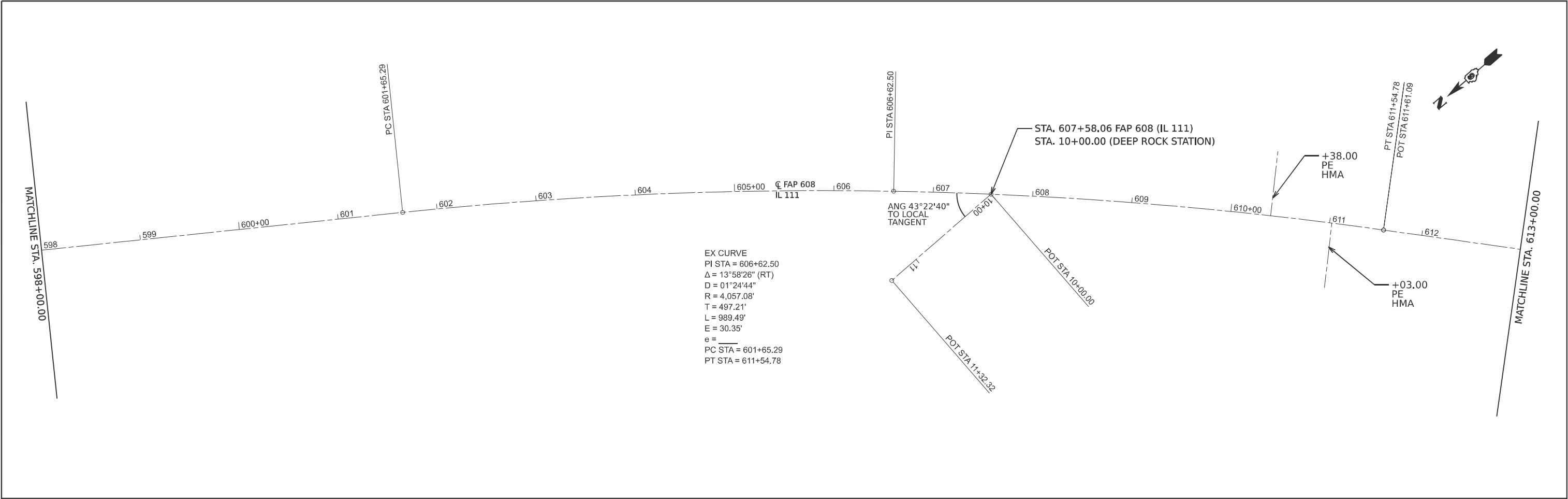


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		DRAWN -	REVISED -						608	121RS-5; 122RS-2	MACOUPIN	23	15
		CHECKED -	REVISED -		CONTRACT NO. 72G63								
	PLOT DATE = 8/13/2025	DATE -	REVISED -		SCALE: 1"=50'	SHEET 6	OF 10 SHEETS	STA. 538+00.00	TO STA. 568+00.00				
					ILLINOIS FED. AID PROJECT								



MODEL: E6 - 72G63-Plan Sheet - 12 [Sheet]
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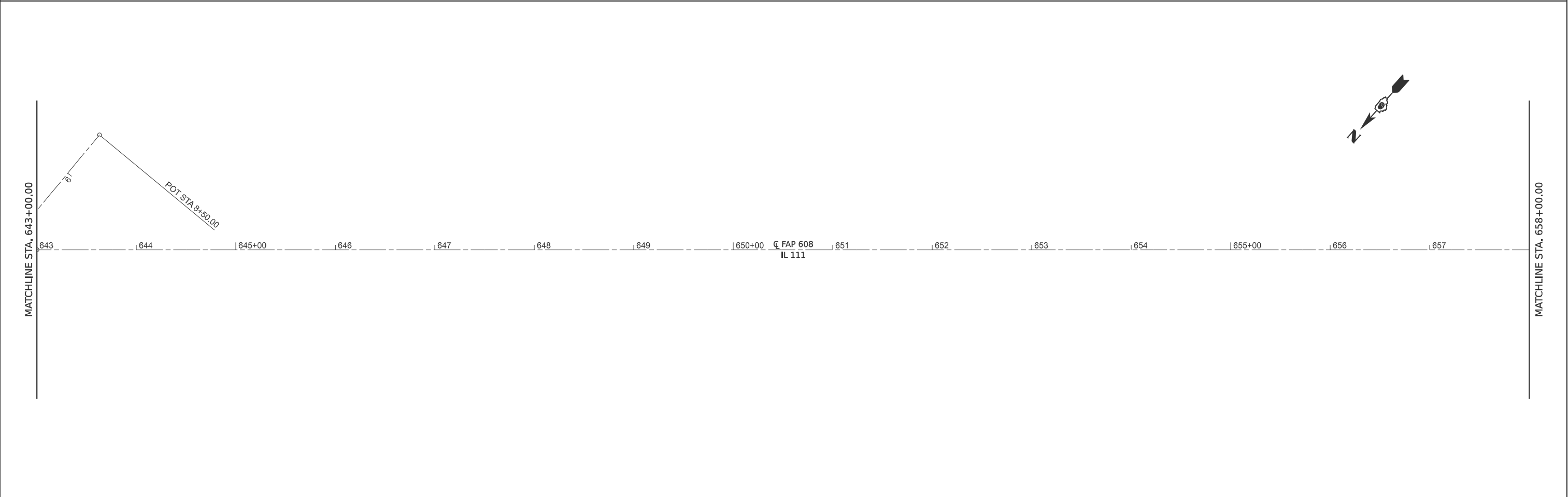
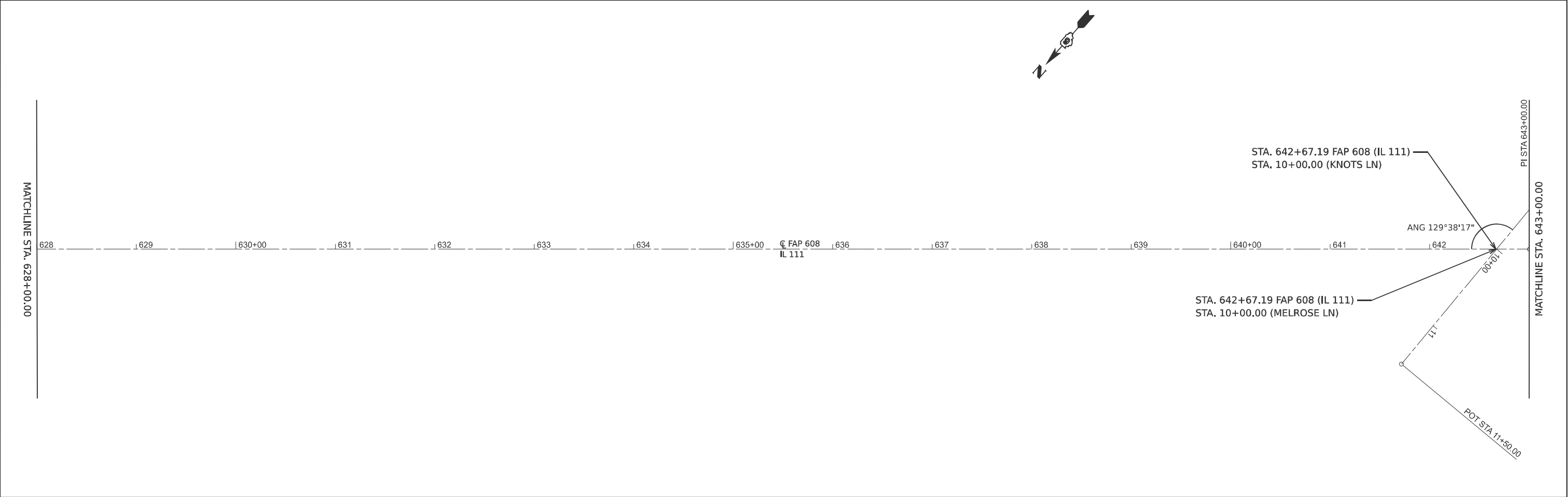
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		DRAWN -	REVISED -					608	121RS-5; 122RS-2	MACOUPIN	23	16
		CHECKED -	REVISED -					CONTRACT NO. 72G63				
	PLOT DATE = 8/13/2025	DATE -	REVISED -		SCALE: 1"=50'	SHEET 7	OF 10 SHEETS	STA. 568+00.00	TO STA. 598+00.00	ILLINOIS	FED. AID PROJECT	



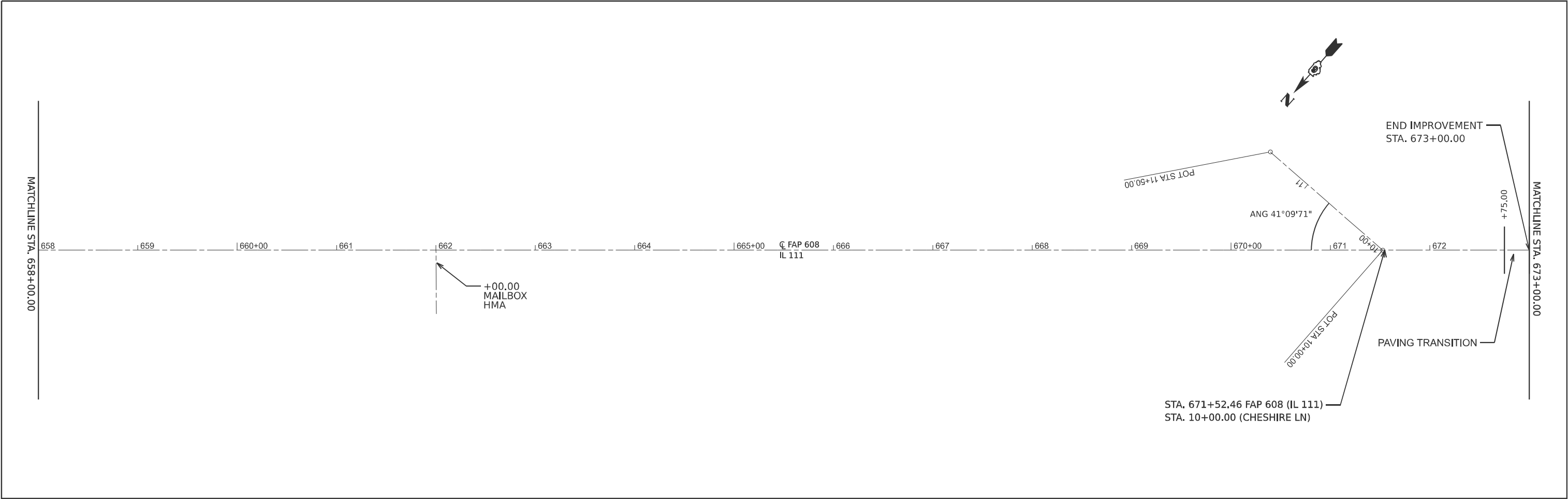
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		DRAWN -	REVISED -					608	121RS-5; 122RS-2	MACOUPIN	23	17
		CHECKED -	REVISED -					CONTRACT NO. 72G63				
	PLOT DATE = 8/13/2025	DATE -	REVISED -		SCALE: 1"=50'	SHEET 8	OF 10 SHEETS	STA. 598+00.00	TO STA. 628+00.00	ILLINOIS FED. AID PROJECT		

MODEL: E005 - 72G63-Plan Sheet - 16 [Sheet]
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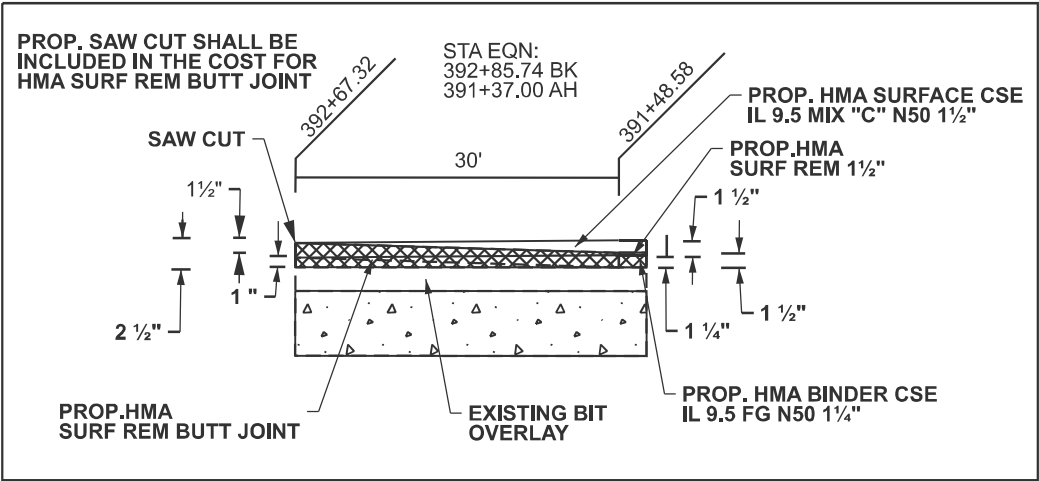
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		DRAWN -	REVISED -					608	121RS-5; 122RS-2	MACOUPIN	23	18
		CHECKED -	REVISED -					CONTRACT NO. 72G63				
	PLOT DATE = 8/13/2025	DATE -	REVISED -		SCALE: 1"=50'	SHEET 9	OF 10 SHEETS	STA. 628+00.00	TO STA. 658+00.00	ILLINOIS	FED. AID PROJECT	



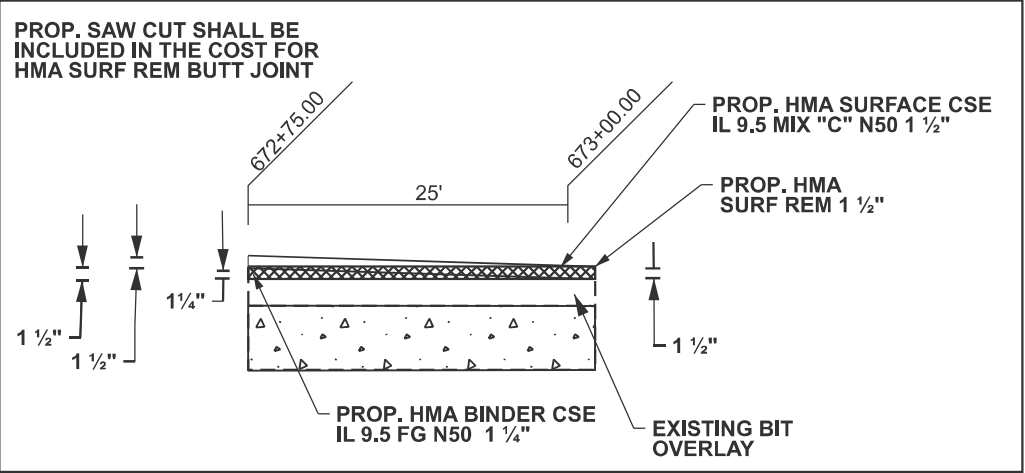
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		DRAWN -	REVISED -					608	121RS-5; 122RS-2	MACOUPIN	23	19
		CHECKED -	REVISED -					CONTRACT NO. 72G63				
	PLOT DATE = 8/13/2025	DATE -	REVISED -		SCALE: 1"=50'	SHEET 10	OF 10 SHEETS	STA. 658+00.00	TO STA. 673+00.00	ILLINOIS FED. AID PROJECT		

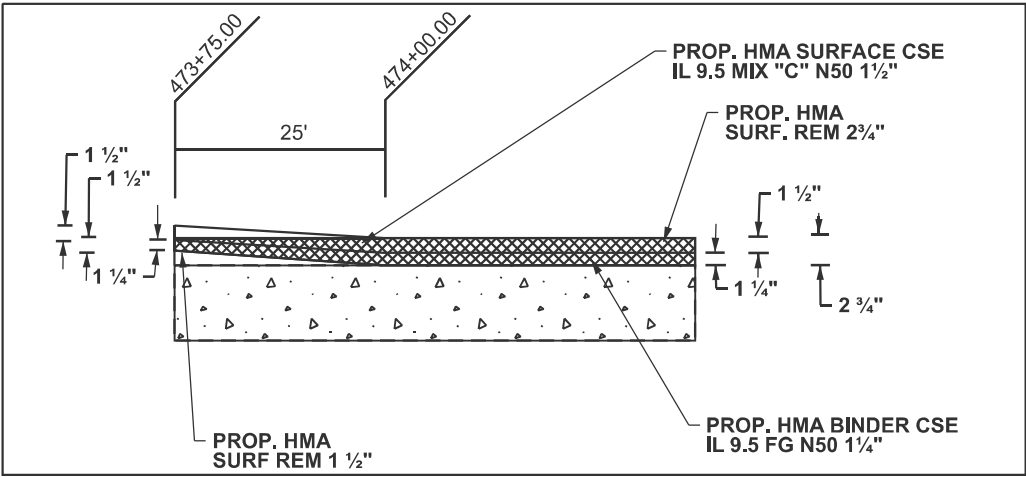
BUTT JOINT DETAIL



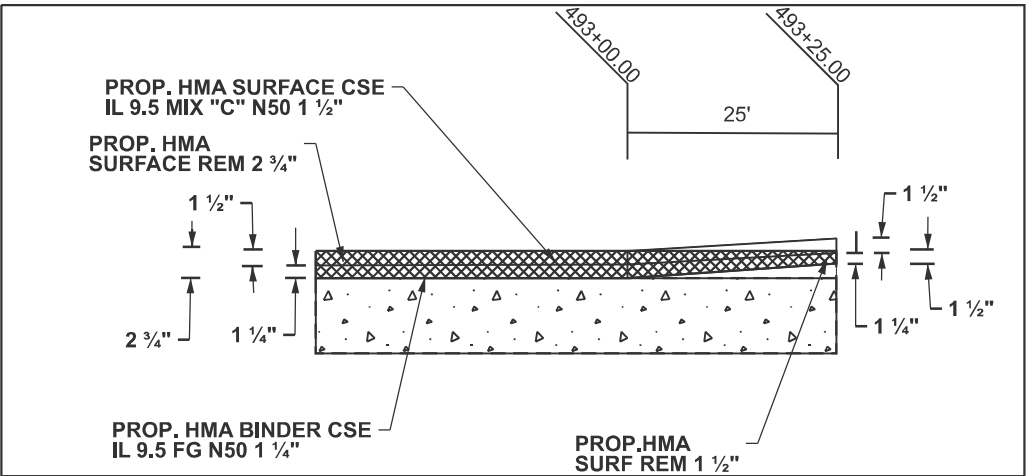
TRANSITION DETAIL



TRANSITION - MILLING DETAIL



TRANSITION - MILLING DETAIL



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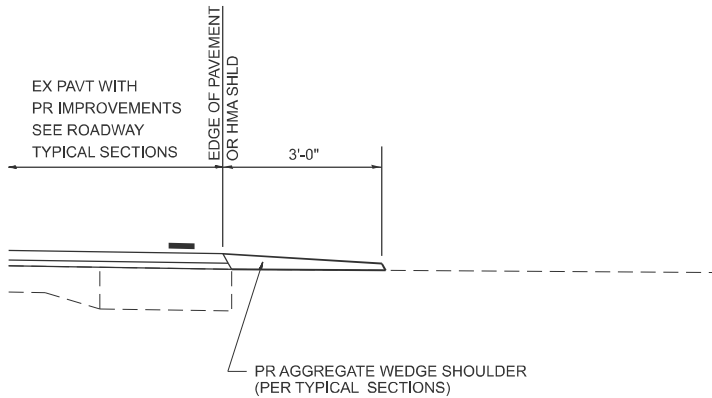
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

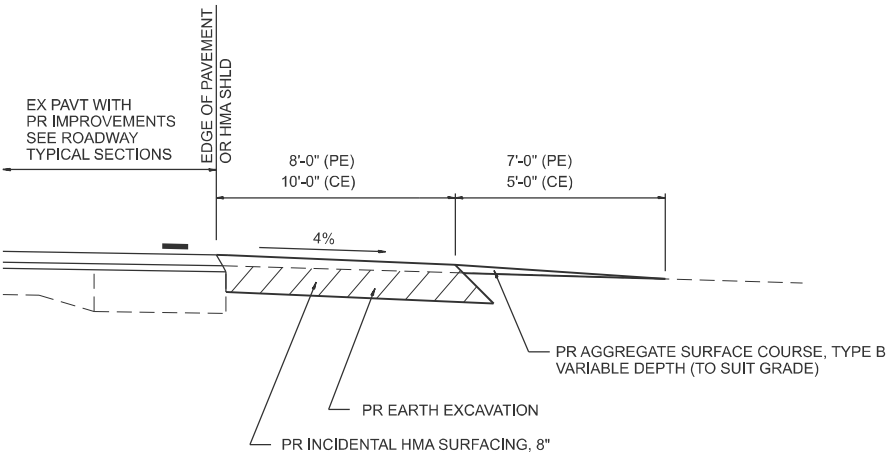
TRANSITION DETAILS

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

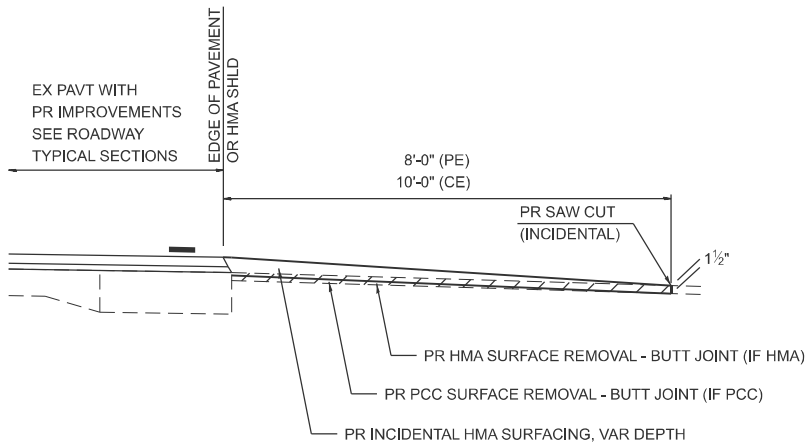
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CONTRACT NO. 72G63				
ILLINOIS FED. AID PROJECT				



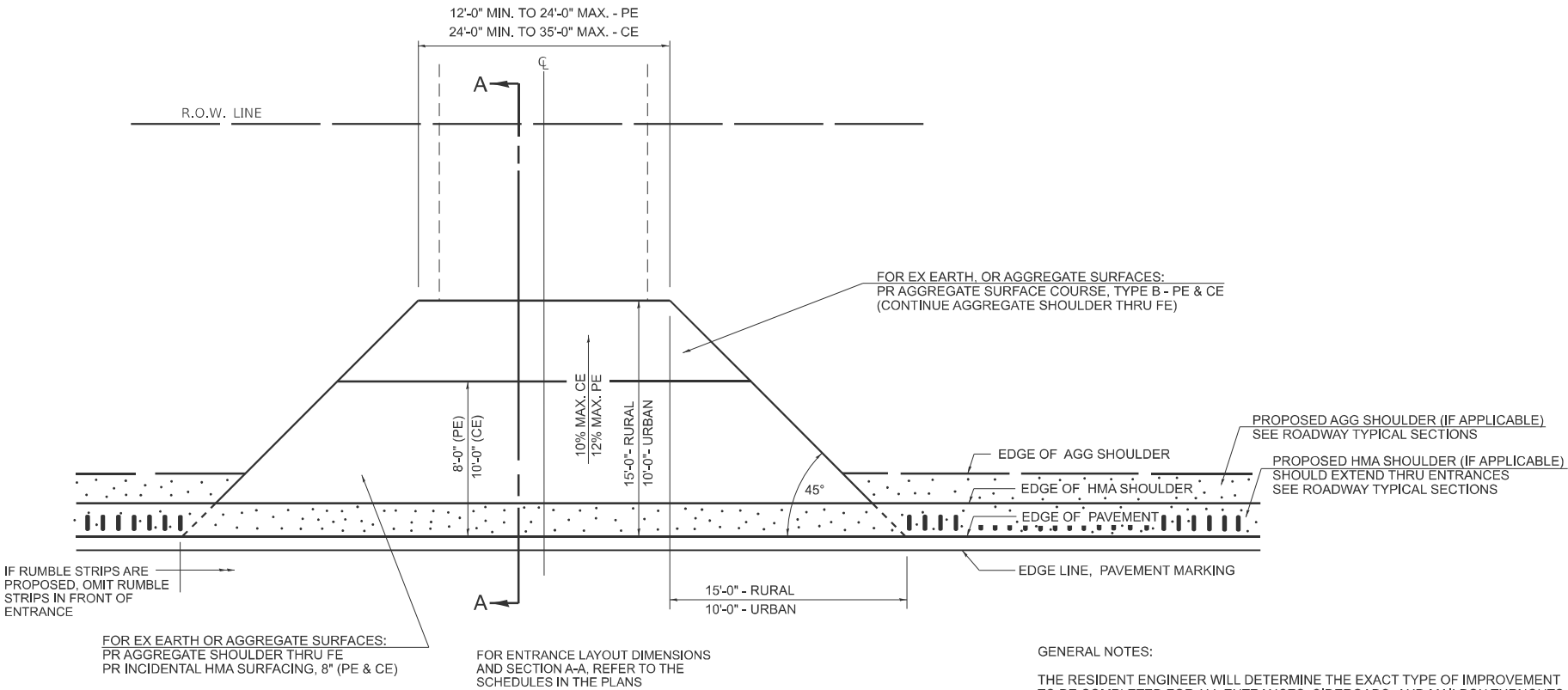
SECTION A-A FOR EX EARTH/ AGGREGATE FE



SECTION A-A FOR EX EARTH/AGGREGATE PE, CE, & SIDE ROAD



SECTION A-A FOR EX BITUMINOUS/ PC CONCRETE PE, CE & SIDE ROAD



PLAN - ENTRANCE

GENERAL NOTES:

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

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

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

INCIDENTAL HMA SURFACING REQUIRED TO CONSTRUCT THE ENTRANCES SHALL BE PLACED ACCORDING TO THE APPLICABLE PORTIONS OF SECTION 406 AND 408 OF THE STANDARD SPECIFICATIONS AND AS DIRECTED BY THE ENGINEER.

WHEN THE INCIDENTAL HMA SURFACING PROPOSED FOR THE IMPROVEMENT IS THICKER THAN 3 INCHES, THE CONTRACTOR WILL BE REQUIRED TO PLACE MORE THAN ONE LIFT. THE BOTTOM LIFT(S) SHALL MEET THE REQUIREMENTS OF HMA BASE COURSE IN SECTION 406 OF THE STANDARD SPECIFICATIONS AND THE TOP LIFT OF 1 1/2" INCHES SHALL MEET THE REQUIREMENTS OF HMA INCIDENTAL SURFACING.

THIS WORK WILL BE PAID FOR ACCORDING TO SECTIONS 351, 358, 408, 423 AND 440 OF THE STANDARD SPECIFICATIONS.

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MODEL: 72G63 Detail [Sheet]
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	PLOT DATE = 8/13/2025	DATE -	REVISED -

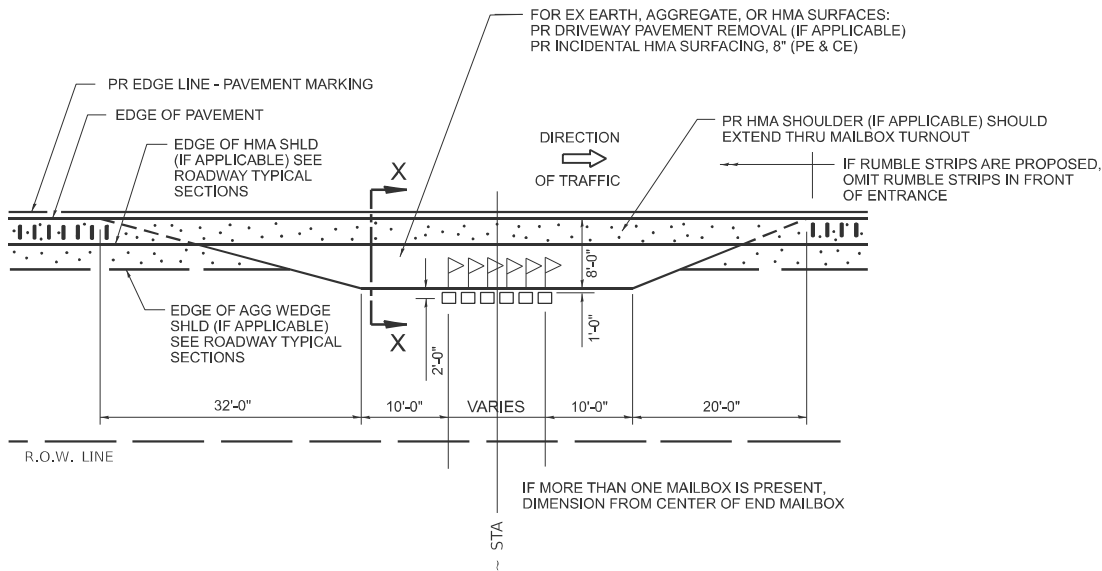
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DIST. 6 DETAILS FOR RURAL/URBAN ENT., MAILBOX
TURNOUT & SIDEROADS W/O CONC. GUTTER (3P-PROJ.)

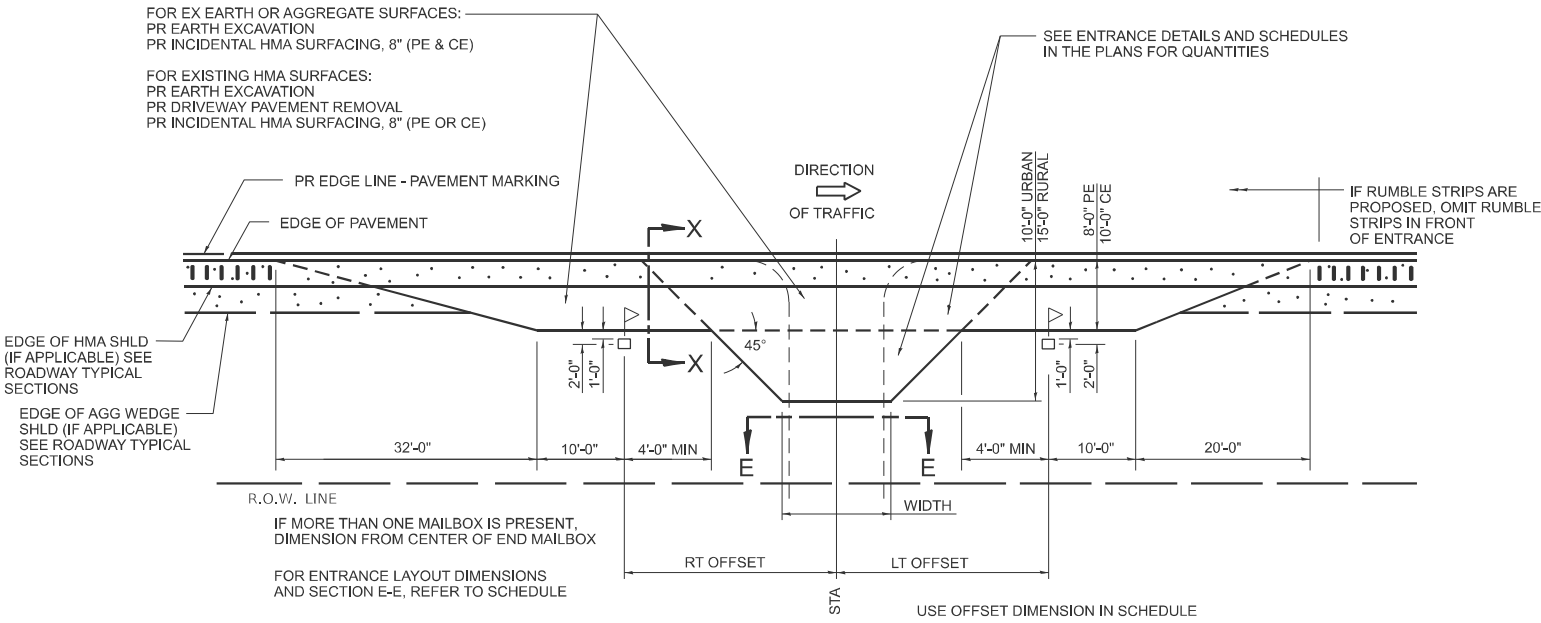
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F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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CONTRACT NO. 72G63				
ILLINOIS FED. AID PROJECT				

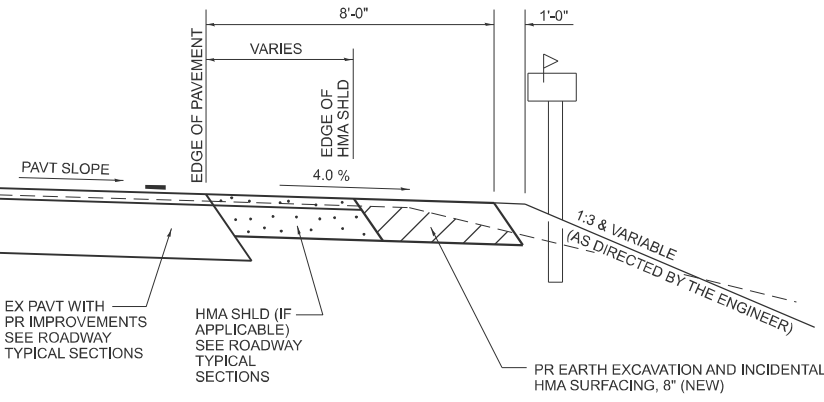
DETAILS OF MAILBOX TURNOUTS



PLAN - MAILBOX TURNOUTS

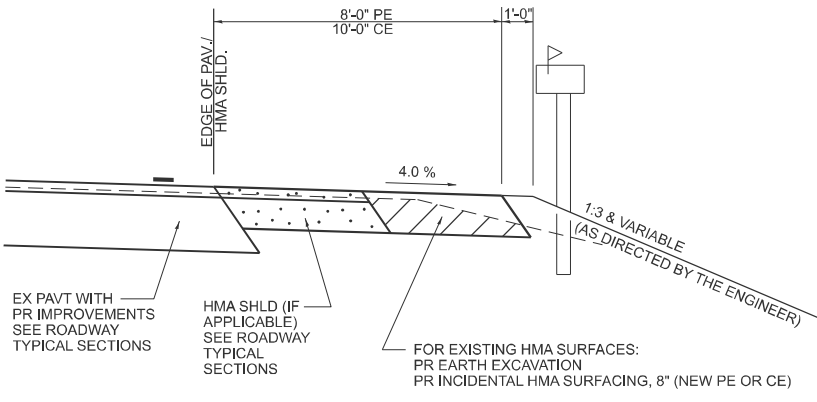


PLAN - MAILBOX TURNOUTS
PLAN - COMBINED MAILBOX TURNOUT WITH TRAILING OR LEADING ENTRANCE



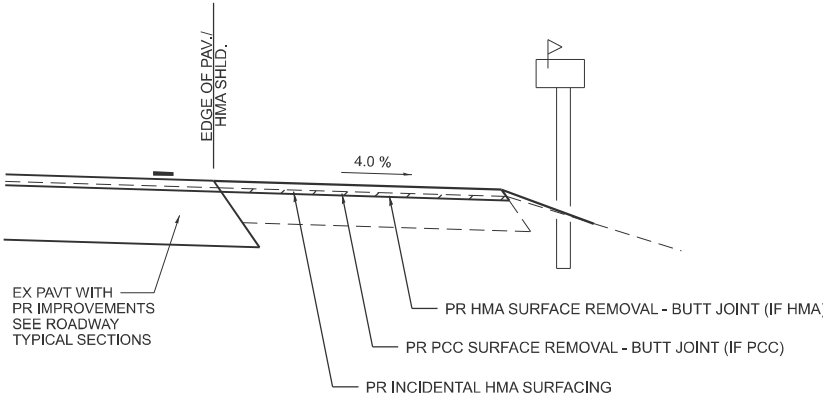
SECTION X-X THRU MAILBOX TURNOUT
APPLIES TO MAILBOX TURNOUTS COMBINED WITH
EX EARTH OR AGGREGATE PE & FE

(DETAIL APPLIES WHEN MAILBOX TURNOUT DOES NOT EXIST.
IF EXISTING, TREAT SAME AS ENTRANCE)



SECTION X-X THRU MAILBOX TURNOUT
APPLIES TO MAILBOX TURNOUTS COMBINED WITH
EX HMA PE & CE WITH NEW HMA SHLD

(DETAIL APPLIES WHEN MAILBOX TURNOUT DOES NOT EXIST.
IF EXISTING, TREAT SAME AS ENTRANCE)



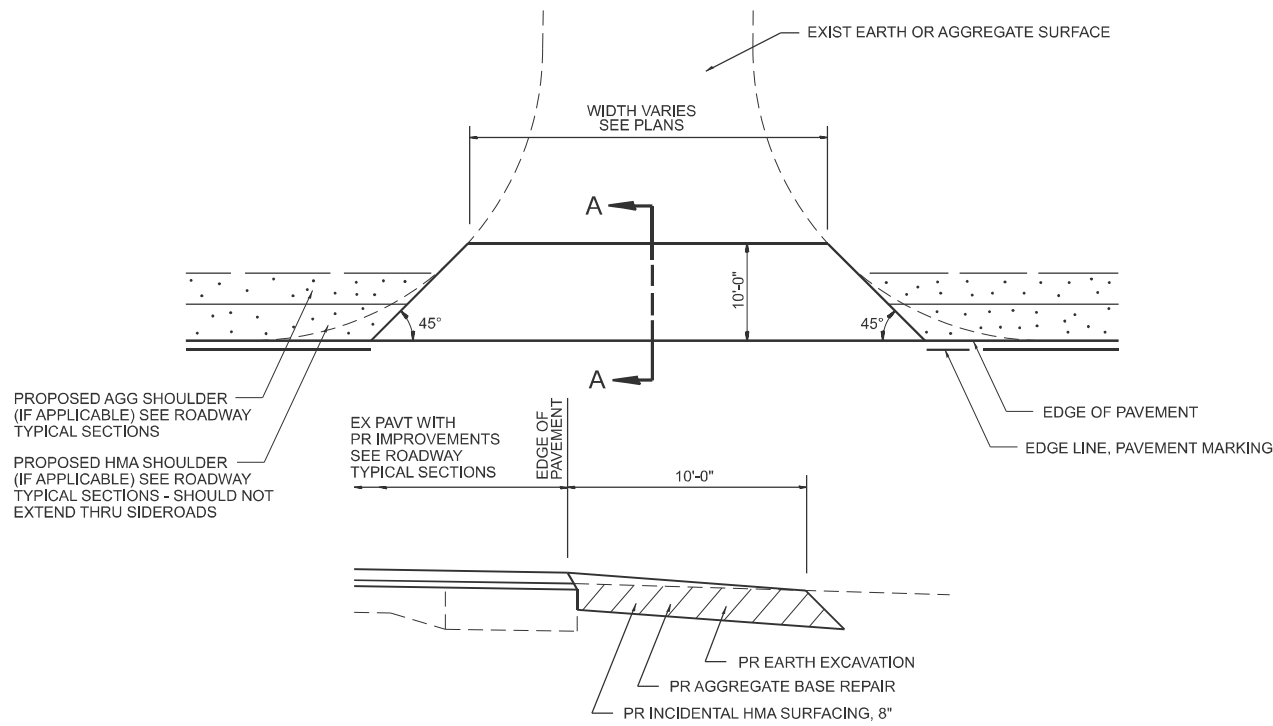
SECTION X-X THRU MAILBOX TURNOUT
APPLIES TO MAILBOX TURNOUTS COMBINED WITH
EX HMA & PCC PE & CE W/O NEW HMA SHLD

NOTE: IF THERE IS A NEW HMA SHOULDER PROPOSED, THEN THE ENTIRE EXISTING MB TURNOUT WILL BE REPLACED. IF THERE IS NO PROPOSED NEW HMA SHOULDER, THE EXISTING MB TURNOUT WILL BE MILLED AND RESURFACED.

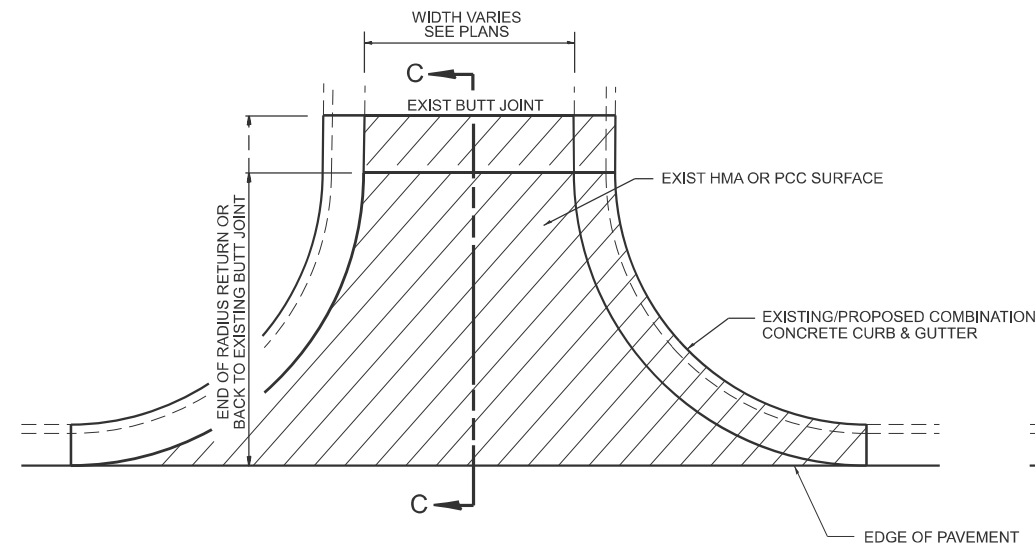
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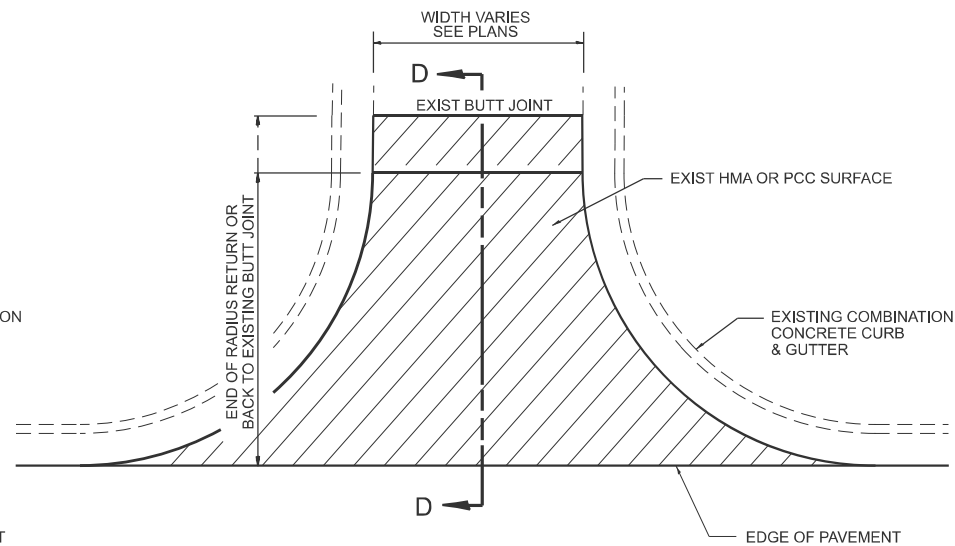
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	DATE -	REVISED -								ILLINOIS FED. AID PROJECT				



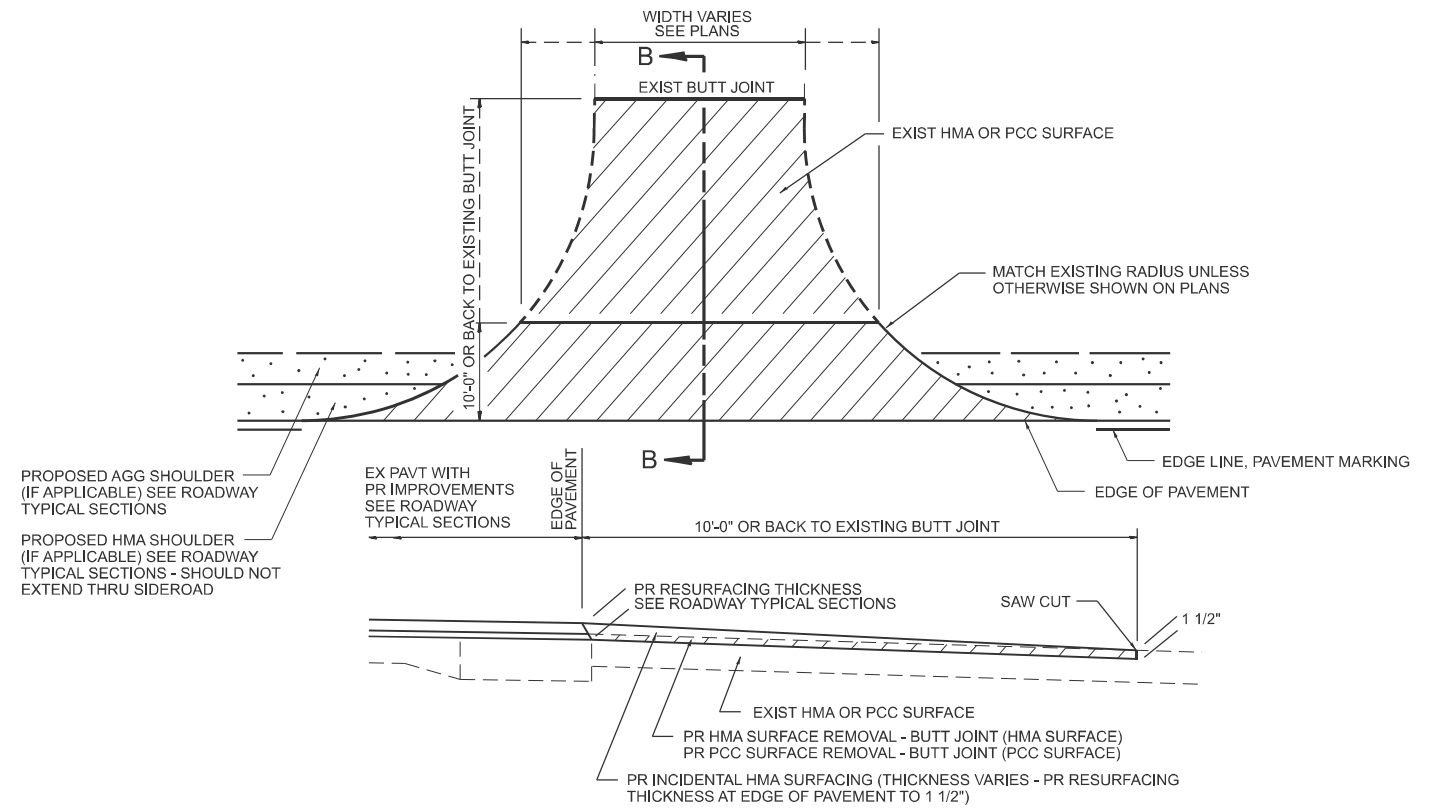
SECTION A-A
EXIST AGGREGATE SIDEROAD DETAIL
(NEW HMA APRON)



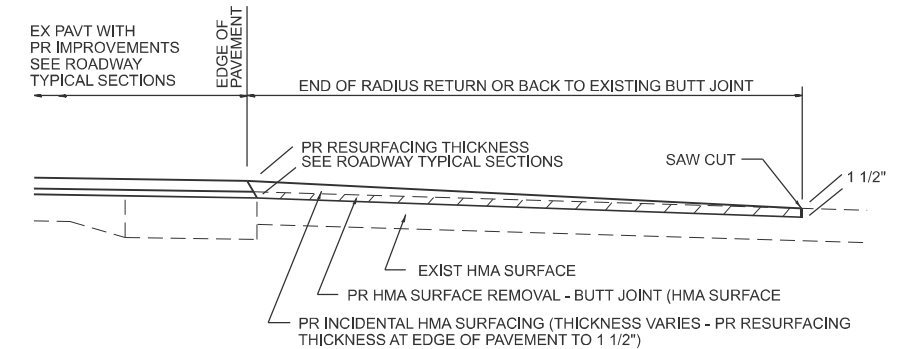
EXIST HMA SIDEROAD DETAIL W/CC&G
(TO BE RESURFACED)



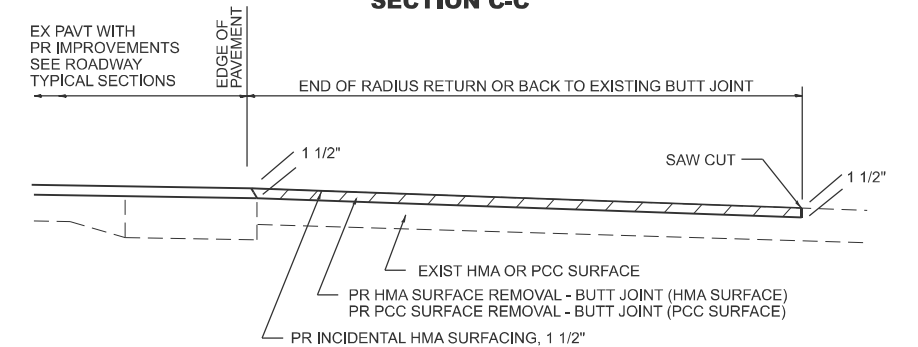
EXIST HMA OR PCC SIDEROAD DETAIL W/CC&G
(TO BE RESURFACED - MILL AND FILL ONLY)



SECTION B-B
EXIST HMA OR PCC SIDEROAD DETAIL W/O CC&G (TO BE RESURFACED)



SECTION C-C



SECTION D-D

- NOTES:**
1. IF HMA SHOULDERS ARE PROPOSED, THEY SHOULD NOT EXTEND THROUGH SIDEROADS.
 2. THE COST OF SAW CUTS SHALL BE INCLUDED IN THE COST OF THE HMA SURFACE REMOVAL - BUTT JOINT OR PCC SURFACE REMOVAL - BUTT JOINT PAY ITEMS

SHEET 1 OF 2
UPDATED 8/6/2025

MODEL: 72G63 Detail-2 [Sheet]
FILE NAME: c:\p\work\p\w\andrew.cisler\illinois.gov\091893072G63-shd-detail.dgn

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USER NAME = andrew.cisler	DESIGNED -	REVISED -
	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 8/13/2025	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DIST. 6 DETAILS FOR SIDEROADS (3P-PROJ.)

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

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
608	121RS-5; 122RS-2	MACOUPIN	23	23
CONTRACT NO. 72G63				
ILLINOIS FED. AID PROJECT				