

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
* 16A	22RS-2,23RS-5	MACOUPIN	18	1
		ILLINOIS	CONTRACT NO. 72440	

D-96-050-25

FOR INDEX OF SHEETS, SEE SHEET NO. 2

HIGHWAY STANDARDS
000001-09 001006
701001-02 701006-05
701301-04 701306-04
701311-03 701901-11
780001-05

PROPOSED
HIGHWAY PLANS
SBI ROUTE 16A (OLD US 66)
SECTION 22RS-2,23RS-5
PROJECT STP-YOYM(432)
DESIGNED OVERLAY
MACOUPIN COUNTY

C-96-086-25



FUNTIONAL CLASSIFICATION
MAJOR COLLECTOR
2023 ADT = 950 & 850

P.V. = 94.74% S.U. = 3.16% M.U. = 2.11%
P.V. = 93.18% S.U. = 4.71% M.U. = 2.12%

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUBMITTED December 5 20 25

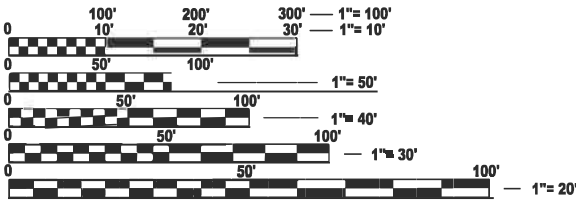
Leon C. Prie
REGIONAL ENGINEER

January 23 20 26
Scott A. Etkin
ENGINEER OF DESIGN AND ENVIRONMENT

January 23 20 26
Gregory
DIRECTOR OF HIGHWAYS PROJECT IMPLEMENTATION

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OF THE STATE OF ILLINOIS

REV - MS

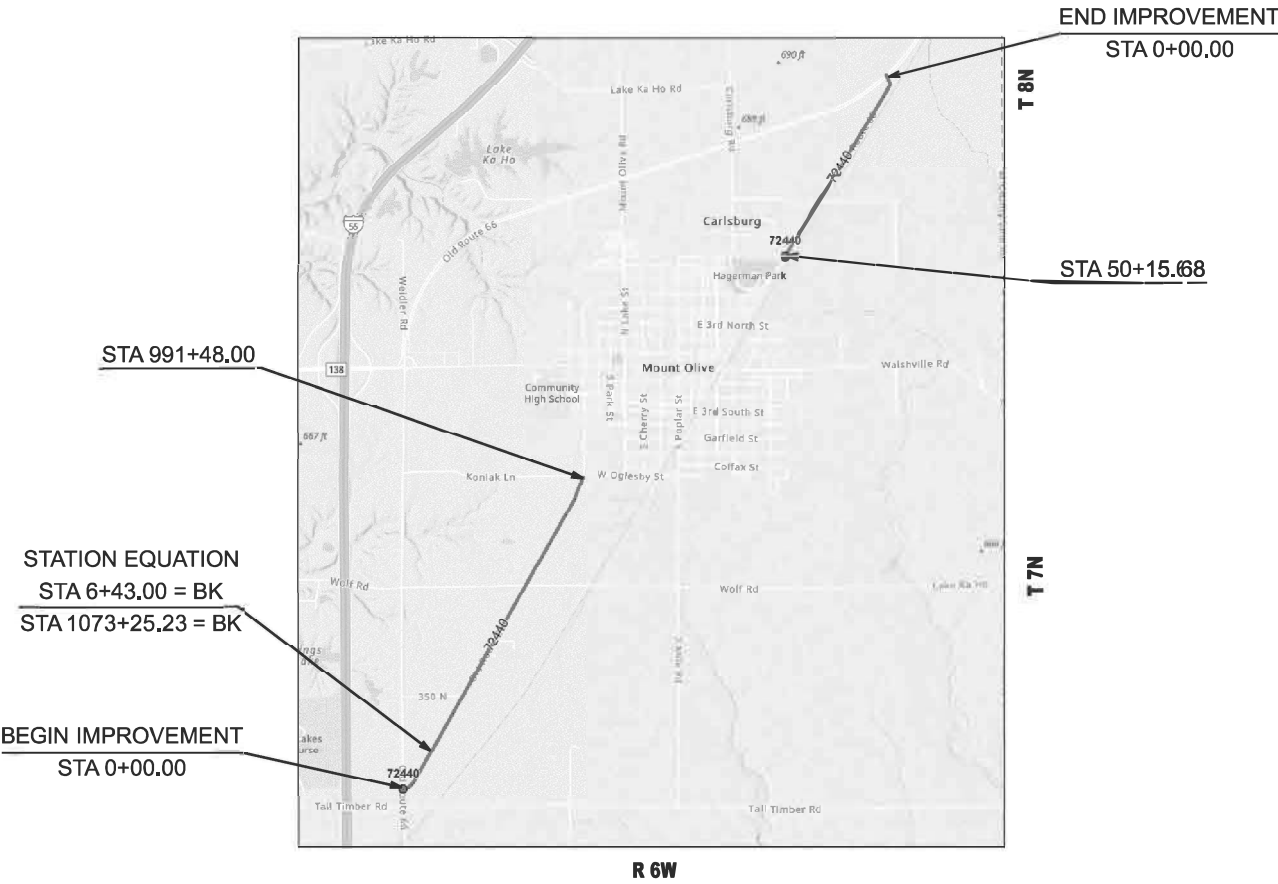


FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD
ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT
CONFORM TO STANDARD SCALES. IN MAKING MEASUREMENTS
ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.

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

PROJECT ENGINEER JON KELLEY 217-785-2739
PROJECT MANAGER AARON HASHMAN 217-785-5523

CONTRACT NO. 72440



GROSS LENGTH = 13,835.91 FT. = 2.62 MILE
NET LENGTH = 13,835.91 FT. = 2.62 MILE

GENERAL NOTES

1.

THE DISTRICT BUREAU OF OPERATIONS SHALL BE NOTIFIED AT LEAST 14 DAYS PRIOR TO PLACEMENT OF FINAL PAVEMENT MARKINGS. PHONE (217)785-5306
2.

NO PASSING ZONES TO BE FIELD VERIFIED BY THE RESIDENT ENGINEER. THE RESIDENT SHALL NOTIFY DISTRICT 6 TRAFFIC OPERATIONS ENGINEER (PH. 217-785-5306) IF REVISIONS TO THE PLAN NO PASSING ZONES ARE RECOMMENDED AT LEAST 14 DAYS PRIOR TO THE INSTALLATION OF FINAL PERMANENT PAVEMENT MARKINGS.
3.

THE CONTRACTOR SHALL USE TYPE IV PAVEMENT MARKING TAPE AS SHORT-TERM PAVEMENT MARKING ON THE SURFACE LIFT.

MIXTURE REQUIREMENTS

LOCATIONS		LOCATIONS	
MIXTURE USE(S):	HMA SURFACE COURSE	MIXTURE USE(S):	HMA BINDER COURSE
PG:	PG 64-22	PG:	PG 64-22
DESIGN AIR VOIDS:	4.0% @ N50	DESIGN AIR VOIDS:	4.0% @ N50
MIXTURE COMPOSITION	IL-9.5	MIXTURE COMPOSITION	IL-19.0
FRICTION AGGREGATE:	MIX "C"	FRICTION AGGREGATE:	N/A
MIXTURE WEIGHT	112 lb/sy*in	MIXTURE WEIGHT	112 lb/sy*in
QUALITY MANAGEMENT	QCP	QUALITY MANAGEMENT	QCP
SUBLOT SIZE	1000 Tons	SUBLOT SIZE	1000 Tons
MATERIAL TRANSFER DEVICE REQUIRED	YES	MATERIAL TRANSFER DEVICE REQUIRED	NO

LOCATIONS	
MIXTURE USE(S):	INCIDENTAL HMA
PG:	PG 64-22
DESIGN AIR VOIDS:	4.0% @ N50
MIXTURE COMPOSITION	IL-9.5
FRICTION AGGREGATE:	MIX "C"
MIXTURE WEIGHT	112 lb/sy*in
QUALITY MANAGEMENT	QC/QA
SUBLOT SIZE	N/A
MATERIAL TRANSFER DEVICE REQUIRED	NO

NOTE: NUCLEAR GUAGE WILL BE USED FOR DENSITY VERIFICATION BY THE ENGINEER ON QC/QA ITEMS

RATES OF APPLICATION USED TO CALCULATE PLAN QUANTITIES

AGGREGATE SURFACE COURSE, TYPE B	1.60 TONS/CU YD
HMA SURFACE/BINDER	0.056 TONS/SQ YD*IN
BITUMINOUS MATERIAL - TACK COAT (EXISTING HMA, MILLED SURFACE, CONCRETE MILLED/TINED CONCRETE)	0.05 LBS/SQ FT
BITUMINOUS MATERIAL - TACK COAT (FOG COAT BETWEEN HMA LIFTS)	0.025 LBS/SQ FT

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- 6

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- 10-14

PLAN SHEETS
- 15-18

DETAILS

COMMITMENTS

NONE

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
DISTRICT 6

EXAMINED

December 4,

20

25

ENGINEER OF OPERATIONS

EXAMINED

December 1,

20

25

ENGINEER OF PROJECT IMPLEMENTATION

EXAMINED

December 2,

20

25

ENGINEER OF PROGRAM DEVELOPMENT

MODEL: Gen Notes [Sheet]
FILE NAME: c:\pawork\pawork\kernee\1105710172440 Gen Notes.dgn

				6-75970-0000	6-72300-0000
				22RS-2	23RS-5
				STP FUNDING	STP FUNDING
				80% FEDERAL	80% FEDERAL
CODE NO.	ITEM	UNIT	TOTAL QUANTITY	20% STATE	20% STATE
				ROADWAY	ROADWAY
				0005	0005
				RURAL	RURAL
20200100	EARTH EXCAVATION	CU YD	153	98	55
35800100	PREPARATION OF BASE	SQ YD	451	331	120
35800200	AGGREGATE BASE REPAIR	TON	120	88	32
40200800	AGGREGATE SURFACE COURSE, TYPE B	TON	24	15	9
40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	19,569	12,722	6,847
40600370	LONGITUDINAL JOINT SEALANT	FOOT	13,836	8,820	5,016
40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD	1,693	1,101	592
40600985	PORTLAND CEMENT CONCRETE SURFACE REMOVAL - BUTT JOINT	SQ YD	28		28
40600990	TEMPORARY RAMP	SQ YD	150	82	68
40603080	HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50	TON	3,653	2,375	1,278
40604050	HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "C", N50	TON	2,436	1,584	852
40800029	BITUMINOUS MATERIALS (TACK COAT)	POUND	754	518	236
40800050	INCIDENTAL HOT-MIX ASPHALT SURFACING	TON	469	316	153
44000155	HOT-MIX ASPHALT SURFACE REMOVAL, 1 1/2"	SQ YD	29,021	18,848	10,173

EV - MS

	USER NAME = earl.kern	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUMMARY OF QUANTITIES					F.A RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN -	REVISED -							*	22RS-2,23RS-5	MACOUPIN	18	3
		CHECKED -	REVISED -		CONTRACT NO. 72440									
	PLOT DATE = 12/4/2025	DATE -	REVISED -		SCALE:	SHEET 1	OF 2	SHEETS	STA.	TO STA.				
											ILLINOIS	FED. AID PROJECT		

MODEL: SOQ 2 [Sheet]
FILE NAME: c:\p_work\pwi\tdtk\kernee\td105710172440 SOQ.dgn

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	6-75970-0000	6-72300-0000
				22RS-2 STP FUNDING 80% FEDERAL 20% STATE	23RS-5 STP FUNDING 80% FEDERAL 20% STATE
				ROADWAY	ROADWAY
				0005	0005
				RURAL	RURAL
48102100	AGGREGATE WEDGE SHOULDER, TYPE B	TON	706	459	247
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	6	3	3
67100100	MOBILIZATION	L SUM	1	0.7	0.3
70100460	TRAFFIC CONTROL AND PROTECTION, STANDARD 701306	L SUM	1	0.7	0.3
70107025	CHANGEABLE MESSAGE SIGN	CAL DA	28	14	14
70300100	SHORT TERM PAVEMENT MARKING	FOOT	12,450	7,935	4,515
70300150	SHORT TERM PAVEMENT MARKING REMOVAL	SQ FT	463	295	168
*	78004720	PREFORMED PLASTIC PAVEMENT MARKING, TYPE D - STANDARD - LINE 24"	FOOT	24	12
*	78009005	MODIFIED URETHANE PAVEMENT MARKING - LINE 5"	FOOT	31,130	19,845
*	78011125	GROOVING FOR RECESSED PAVEMENT MARKING 25"	FOOT	24	12
*	78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	175	112
Ø	Z0076600	TRAINEES	HOOR	1000	1000
Ø	Z0076604	TRAINEES TRAINING PROGRAM GRADUATE	HOOR	1000	1000

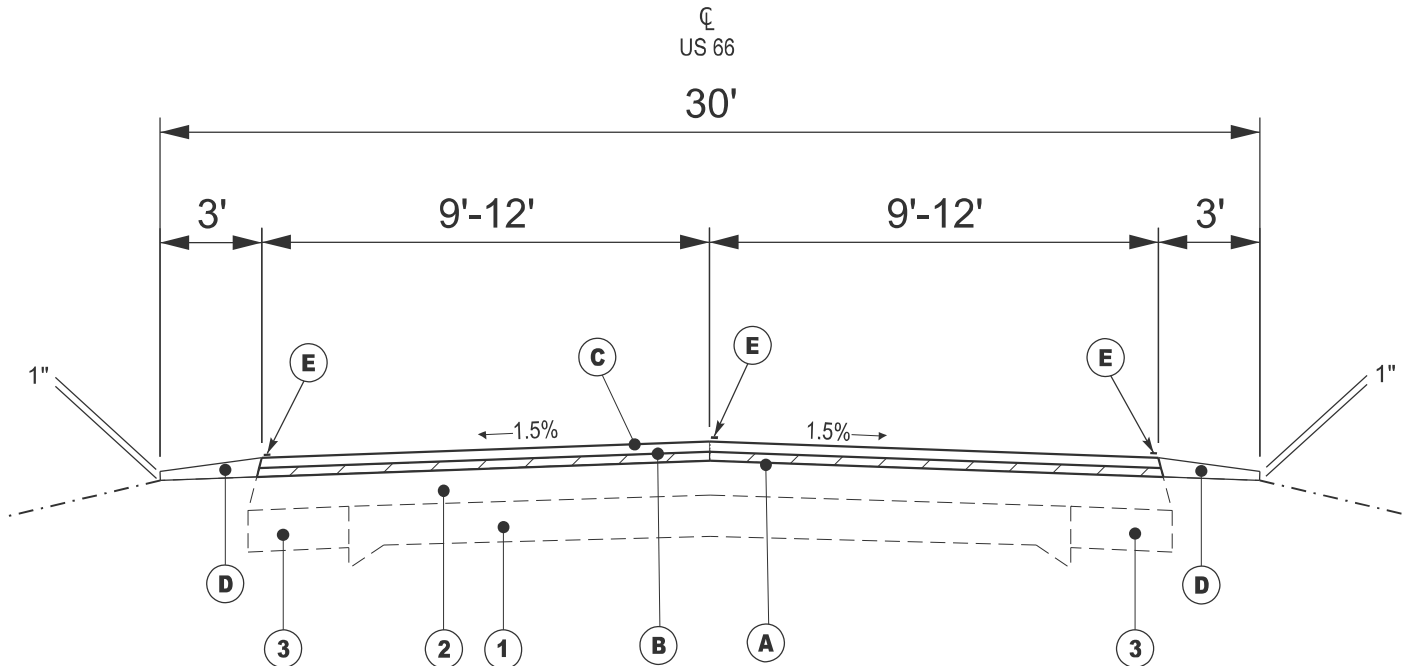
* SPECIALTY ITEM Ø 0042

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	USER NAME = earl.kern	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUMMARY OF QUANTITIES				F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN -	REVISED -						*	22RS-2,23RS-5	MACOUPIN	18	4
		CHECKED -	REVISED -		CONTRACT NO. 72440								
	PLOT DATE = 12/4/2025	DATE -	REVISED -		SCALE:	SHEET 2	OF 2	SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT		

LEGEND

- ① EXISTING PCC PAVEMENT 9"-6"-9"
- ② EXISTING HMA OVERLAY 9"
- ③ EXISTING HMA BASE COURSE WIDENING 9"
- Ⓐ PROPOSED HMA SURFACE REMOVAL, 1 1/2"
- Ⓑ PROPOSED HMA BINDER COURSE, IL-19.0, N50, 2 1/4"
- Ⓒ PROPOSED HMA SURFACE COURSE, IL-9.5, MIX "C", N50, 1 1/2"
- Ⓓ PROPOSED AGG WEDGE SHOULDERS, TYPE B
- Ⓔ PROPOSED MODIFIED URETHANE PAVEMENT MARKING



TYPICAL SECTION

STA. 0+00.00 TO 2+75.41 - PVMT WIDTH 24 FT.
STA. 2+75.41 TO STA. 6+43.00 - PVMT WIDTH 18 FT.
STATION EQUATION 6+43.00 BK = 1073+25.23 BK
STA. 1073+25.23 TO STA.1006+83.28 - PVMT WIDTH 18 FT.
STA. 1006+83.28 TO STA. 991+48.00 - PVMT WIDTH 24 FT.
STA. 50+15.68 TO STA. 1+67.92 - PVMT WIDTH 18 FT.
STA.1+67.92 TO STA. 0+00.00 - PVMT WIDTH 24 FT.

OMISSION STA. 991+48.00 TO 50+15.68

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		DRAWN -	REVISED -					*	22RS-2,23RS-5	MACOUPIN	18	5
		CHECKED -	REVISED -					CONTRACT NO. 72440				
	PLOT DATE = 12/4/2025	DATE -	REVISED -		SCALE:	SHEET 1	OF 2 SHEETS	STA.	TO STA.	ILLINOIS	FED. AID PROJECT	

HORIZONTAL ALIGNMENT CONTROL								
NAD83/1997 ADJ - STATE PLANE WEST ZONE								
POINT TYPE	STATION	NORTHING	EASTING	RADIUS	LENGTH	TANGENT	DELTA/THETA	ROTATION
ALIGNMENT NAME:		N_OLD RTE_66						
DESCRIPTION:		OLD RTE 66 MAINLINE						
POT	0+00.00	883350.007	2426456.556					
PC	1+87.54	883168.020	2426501.870					
PI	2+68.05	883089.902	2426521.322	193.01	152.54	80.50	45°16'54.83"	RIGHT
PT	3+40.08	883021.114	2426479.499					
POT	50+15.68	879025.996	2424050.450					
ALIGNMENT NAME:		S_OLD RTE_66_1						
DESCRIPTION:		OLD RTE 66 MAINLINE						
POT	0+00.00	865932.727	2414742.873					
PC	1+20.28	865971.505	2414856.726					
PI	1+89.30	865993.758	2411922.064	182.87	132.00	69.02	41°21'25.16"	LEFT
PT	2+52.28	866053.634	2414956.403					
PI STA EQ	6+43.00 AH=	866392.577	2415150.789					
ALIGNMENT NAME:		S_OLD RTE_66						
DESCRIPTION:		OLD RTE 66 MAINLINE						
POT	977+85.59	874922.367	2419079.917					
PC	988+41.90	873866.066	2419085.146					
PI	993+16.60	873391.372	2419087.496	1789.33	928.02	474.70	29°42'57.73"	RIGHT
PT	997+69.93	872977.939	2418854.230					
PC	1033+99.93	869816.441	2417070.461					
PI	1038+99.93	869380.973	2416824.763	324279.22	1000.00	500.00	00°10'36.07"	LEFT
PT	1043+99.92	868944.749	2416580.409					
PI STA EQ	1073+25.23 AH=	866392.577	2415150.789					
ALIGNMENT NAME:		4-LANE US66-2						
DESCRIPTION:		US RTE 66 MAINLINE						
POT	1025+03.03	885052.468	2427678.036					
PC	1034+14.59	884273.350	2427204.835					
PI	1050+29.69	882892.912	2426366.421	4407.31	3096.24	1615.10	40°15'05.96"	RIGHT
PT	1065+10.83	882381.080	2424834.567					
POT	1091+65.33	881539.857	2422316.882					
POT	1116+53.67	880751.294	2419956.801					
PC	1145+86.52	879821.860	2417175.113					
PI	1171+44.82	879011.125	2414748.673	3580.11	4442.55	2558.30	71°05'53.41"	LEFT
PT	1190+29.08	876452.896	2414729.651					
POT	1207+37.73	874744.289	2414716.946					
POT	1224+44.93	873037.139	2414704.251					
POT	1246+73.81	870808.319	2414687.678					
PC	1254+20.48	870061.664	2414682.126					
PI	1259+70.48	869511.679	2414678.036	43050.61	1099.94	550.00	01°27'50.05"	LEFT
PT	1265+20.42	868961.769	2414687.999					
POT	1288+39.26	866643.319	2414730.000					
POT	1312+37.86	864245.111	2414773.446					

ALIGNMENT NAME:		KORUNKA_LN						
DESCRIPTION:		SIDE ROAD						
POT	10+00.00	880222.289	2424777.801					
POT	11+06.16	880227.129	2424883.855					
ALIGNMENT NAME:		MULLINS_RD						
DESCRIPTION:		SIDE ROAD						
POT	9+01.55	880202.575	2424661.003					
POT	10+00.00	880190.991	2424758.772					
ALIGNMENT NAME:		WERNER_RD						
DESCRIPTION:		SIDE ROAD						
POT	8+86.25	879433.994	2424184.499					
POT	10+00.00	879433.557	2424298.249					
ALIGNMENT NAME:		350N						
DESCRIPTION:		SIDE ROAD						
POT	9+16.63	868200.745	2416080.712					
POT	10+00.00	868201.509	2416164.076					
ALIGNMENT NAME:		W_WOLF_RD						
DESCRIPTION:		SIDE ROAD						
POT	8+75.26	870893.041	2417555.171					
POT	10+00.00	870896.530	2417679.865					
ALIGNMENT NAME:		WOLF_RD						
DESCRIPTION:		SIDE ROAD						
POT	10+00.00	870895.732	2417679.415					
POT	11+11.10	870895.634	2417790.513					

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	USER NAME = earl.kern	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	HORIZONTAL CONTROL			F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN -	REVISED -					*	22RS-2,23RS-5	MACOUPIN	18	6
		CHECKED -	REVISED -		SCALE: SHEET 2 OF 2 SHEETS STA. TO STA.			CONTRACT NO. 72440				
	PLOT DATE = 12/4/2025	DATE -	REVISED -					ILLINOIS FED. AID PROJECT				

MODEL: Schedules [Sheet]
FILE NAME: c:\paw_work\wvdot\illinois.gov\110571072440 Schedules.dgn

MILLING								
STATION	TO	STATION	O.S.	LENGTH (FOOT)	AVG. WIDTH (FOOT)	AREA (SQ FT)	40600982	44000155
							HMA SURF REM BT JT (SQ YD)	HMA SURFACE REM 1.5" (SQ YD)
MAINLINE								
00+00.00	TO	0+45.00		45.0	24	1,080.0		120.0
00+45.00	TO	2+75.41		230.4	24	5,529.8		614.5
2+75.41	TO	6+43.00		367.6	18	6,616.6		735.2
STATION EQUATION 6+43.00 BK = 1073+25.23 BK								
1073+25.23	TO	1006+83.28		6,642.0	18	119,555		13,283.9
1006+83.28	TO	991+93.00		1,490.3	24	35,766.7		3,974.1
991+93.00	TO	991+48.00		45.0	24	1,080.0		120.0
50+15.68	TO	49+70.68		45.0	24	1,080.0		120.0
49+70.68	TO	1+67.92		4,802.8	18	86,449.7		9,605.6
1+67.92	TO	0+45.00		122.9	24	2,950.1		327.8
0+45.00	TO	0+00.00		45.0	24	1,080.0		120.0
SIDEROADS								
350 N			RT		18	609.7	67.8	
WOLF RD (NORTHSIDE)			RT		18	538.8	59.9	
WOLF RD (SOUTHSIDE)			LT		18	400.6	44.6	
WERNER RD			LT		18	470.7	52.4	
MULLINS RD			LT		18	975.1	108.4	
KORUNKA LN			RT		18	644.3	71.6	
SECTION 22RS-2							172.3	18,847.7
SECTION 23RS-5							232.4	10,173.4
TOTALS							404.7	29,021.1

AGGREGATE SHOULDERS							
STATION	TO	STATION	O.S.	LENGTH	AVG WIDTH	AREA	48102100
			(FOOT)	(FOOT)	(FEET)	(SQ FT)	AGG WEDGE SHLDR, TYPE B (AVG DEPTH 1.75") (TON)
0+00.00	TO	0+91.5	LT	91.5	3	274.5	2.4
0+00.00	TO	2+91.85	RT	291.9	3	159.3	1.4
1+59.69	TO	3+17.65	LT	158.0	3	440.2	3.9
3+91.89	TO	6+02.58	LT	210.7	3	607.8	5.3
3+33.90	TO	6+43.00	RT	309.1	3	923.4	8.0
STATION EQUATION 6+43.00 BK = 1073+25.23 BK							
1073+25.23	TO	1059+97.41	LT	1,327.8	3	4,010.4	34.7
1073+03.07	TO	1071+93.70	RT	109.4	3	4,010.4	34.7
1071+16.05	TO	1059+80.44	RT	1,135.6	3	3,084.1	26.7
1059+16.34	TO	1054+07.95	RT	508.4	3	1,534.7	13.3
1053+16.76	TO	1052+89.06	RT	27.7	3	59.9	0.6
1059+53.64	TO	1054+06.18	LT	547.5	3	3,675.5	31.8
1053+61.61	TO	1041+28.86	LT	1,232.8	3	1,147.0	10.0
1052+34.79	TO	1041+10.76	RT	1,124.0	3	3,329.4	28.8
1041+03.56	TO	1037+12.77	LT	390.8	3	160.4	1.4
1040+60.07	TO	1037+67.92	RT	292.2	3	881.2	7.7
1036+63.80	TO	1036+16.84	RT	47.0	3	856.1	7.4
1036+84.70	TO	1033+95.83	LT	288.9	3	3,577.2	31.0
1035+86.86	TO	1034+13.71	RT	173.1	3	505.4	4.4
1033+65.73	TO	1021+90.58	RT	1,175.1	3	3,504.1	30.3
1021+50.94	TO	1006+71.86	RT	1,479.1	3	4,420.6	38.3
1033+67.26	TO	1006+80.22	LT	2,687.0	3	4,339.6	37.6
1006+32.54	TO	1005+24.43	LT	108.1	3	296.8	2.6
1004+94.64	TO	1003+25.75	LT	168.9	3	7,926.6	68.6
1006+10.99	TO	991+48.00	RT	1,463.0	3	546.6	4.8
1002+14.16	TO	998+30.25	LT	383.9	3	1,136.6	9.9
997+50.02	TO	994+94.42	LT	255.6	3	751.5	6.5
994+21.61	TO	991+48.00	LT	273.6	3	818.2	7.1
50+00.00	TO	46+88.52	RT	311.5	3	977.3	8.5
50+00.00	TO	36+27.50	LT	1,372.5	3	4,153.8	35.9
46+54.93	TO	45+76.11	RT	78.8	3	224.9	2.0
45+23.70	TO	42+73.10	RT	250.6	3	737.0	6.4
42+33.92	TO	40+09.74	RT	224.2	3	660.7	5.8
39+54.78	TO	37+03.48	RT	251.3	3	167.8	1.5
36+31.66	TO	5+41.83	RT	3,089.8	3	9,252.0	80.0
35+70.82	TO	4+15.48	LT	3,155.3	3	9,457.2	81.8
4+87.94	TO	2+53.69	RT	234.3	3	1,175.8	10.2
3+80.97	TO	0+00.00	LT	381.0	3	1,175.8	10.2
1+77.03	TO	0+00.00	RT	177.0	3	503.9	4.4
SECTION 22RS-2							459.2
SECTION 23RS-5							246.7
TOTALS							705.9

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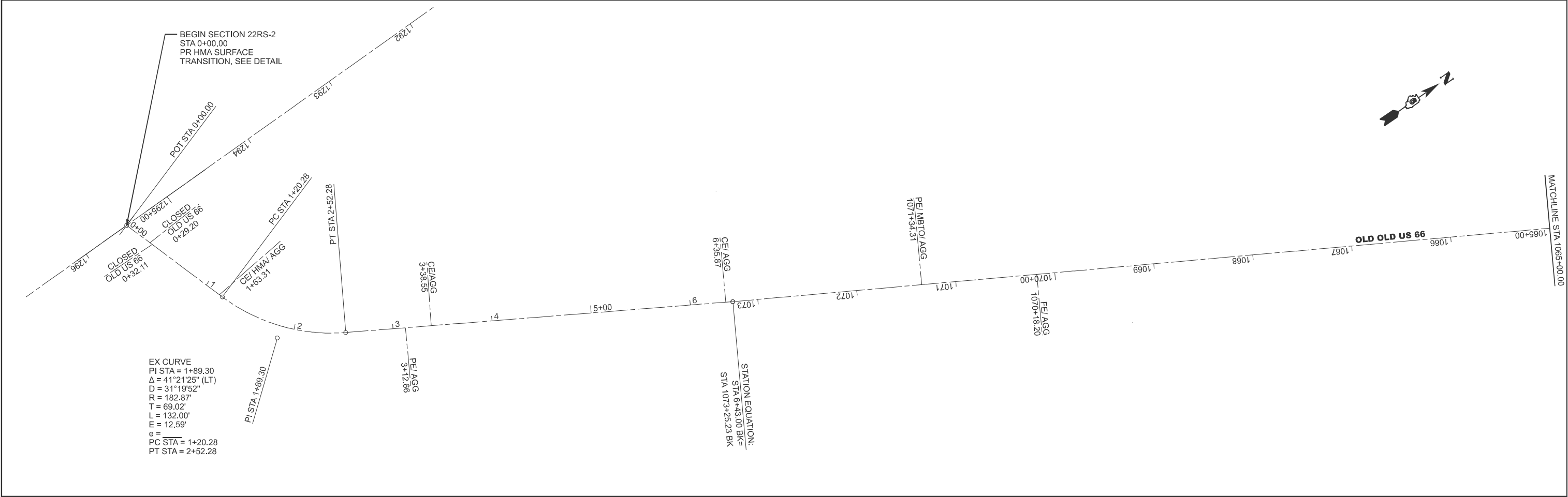
ENTRANCE & SIDEROAD SCHEDULE											
LOCATION	OFFSET	TYPE	EXISTING MATERIAL	PROPOSED MATERIAL	PR. HMA THICKNESS (INCH)	20200100	40200800	40600982	40800029	40800050	40600985
						EARTH EXCAVATION (CU YD)	AGGREGATE SURFACE COURSE, TYPE B (TON)	HMA SURF REM BUTT JOINT (SQ YD)	BIT. MATERIALS (TACK COAT) (POUND)	INCIDENTAL HMA SURF. (TON)	PORTLAND CEM CONC SURF REM BUTT JOINT (SQ YD)
0+29.20	LT	C.E.(CLOSED US 66)	HMA	HMA	2.25			70.3	31.7	8.9	
0+32.11	RT	C.E.(CLOSED US 66)	HMA	HMA	2.25			84.7	38.2	10.7	
1+63.31	LT	C.E.	AGG	HMA	8	14.0	2.2		14.2	28.3	
3+12.66	RT	P.E.	AGG	HMA	8	6.7	1.7		6.7	13.4	
3+38.55	LT	P.E MBTO	AGG	HMA	8	14.1	2.2		14.3	28.3	
6+35.87	LT	C.E.	AGG	HMA	8	11.0	2.9		11.1	22.1	
STATION EQUATION 6+43.00 BK = 1073+25.23 BK											
1071+34.31	RT	P.E. MBTO	AGG	HMA	8	12.4	1.2		12.5	24.9	
1059+75.45	LT	P.E.	AGG	HMA	8	7.0	1.5		7.1	14.2	
1059+52.30	RT	MBTO	AGG	HMA	8	8.3			8.4	16.7	
1053+91.71	RT	P.E. MBTO	AGG	HMA	8	17.1	2.2		17.3	34.5	
1053+81.71	LT	P.E.	AGG	HMA	8	7.6	1.4		7.7	15.3	
1052+51.83	RT	350 N.	HMA	HMA	2.25			68.1	30.7	8.6	
1041+20.63	RT	P.E.	HMA	HMA	2.25			22.9	10.4	2.9	
1040+88.72	LT	MBTO	HMA	HMA	2.25			40.7	18.4	5.2	
1036+99.05	RT	P.E.	HMA	HMA	2.25			20.0	9.0	2.6	
1036+80.71	LT	P.E.	HMA	HMA	2.25			73.1	32.9	9.3	
1036+01.85	RT	P.E.	HMA	HMA	2.25			21.6	9.8	2.8	
1033+92.53	LT	M.B.T.O.	HMA	HMA	2.25			37.5	16.9	4.8	
1033+81.33	LT	P.E.	HMA	HMA	2.25			22.4	10.1	2.9	
1021+60.58	LT	WOLF RD.	HMA	HMA	2.25			26.8	12.1	3.4	
1021+59.84	RT	WOLF RD.	HMA	HMA	2.25			44.9	20.3	5.7	
1006+53.97	LT	M.B.T.O.	HMA	HMA	2.25			27.6	12.5	3.5	
1006+38.92	LT	P.E.	HMA	HMA	2.25			65.6	29.6	8.3	
1005+16.69	RT	C.F.	HMA	HMA	2.25			31.5	14.2	4.0	
1002+60.24	LT	C.E.	HMA	HMA	2.25			109.3	49.2	13.8	
997+88.77	RT	C.E.	HMA	HMA	2.25			84.3	38.0	10.7	
994+54.69	RT	C.E.	HMA	HMA	2.25			77.6	35.0	9.8	
46+72.03	LT	P.E.	AGG	HMA	2.25	6.5	1.6		6.6	3.7	
45+38.70	LT	WERNER RD .	HMA	HMA	2.25			95.8	43.2	12.1	
42+53.22	LT	C.E.	CONC	HMA	2.25				18.0	5.1	27.8
39+85.25	LT	C.E.	HMA	HMA	2.25			50.2	22.6	6.4	
36+63.39	LT	MULLINS RD.	AGG	HMA	8	16.4	2.5		16.6	33.1	
36+15.24	RT	KORUNKA LN.	HMA	HMA	2.25			73.8	33.3	9.3	
5+16.34	RT	C.E.	AGG	HMA	8	9.6	1.8		9.7	19.3	
3+99.23	LT	C.E.	AGG	HMA	8	6.8	1.1		6.9	13.7	
2+05.94	RT	C.E.	AGG	HMA	8	15.9	2.4		16.1	32.0	
1+08.42	RT	C.E.(CLOSED US 66)	HMA	HMA	2.25			37.3	16.8	4.7	
0+29.62	LT	C.E.(CLOSED US 66)	HMA	HMA	2.25			66.1	29.8	8.4	
0+27.21	RT	C.E.(CLOSED US 66)	HMA	HMA	2.25			36.8	16.6	4.7	
SECTION 22RS-2						98.2	15.3	928.9	518.3	315.6	0.0
SECTION 23RS-5						55.2	9.4	360.0	236.2	152.5	27.8
TOTALS						153.4	24.7	1288.9	754.5	468.1	27.8

	USER NAME = earl.kern	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SCHEDULES				F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN -	REVISED -						*	22RS-2,23RS-5	MACOUPIN	18	8
		CHECKED -	REVISED -						CONTRACT NO. 72440				
	PLOT DATE = 12/4/2025	DATE -	REVISED -		SCALE:	SHEET 2	OF 3	SHEETS	STA.	TO STA.	ILLINOIS	FED. AID PROJECT	

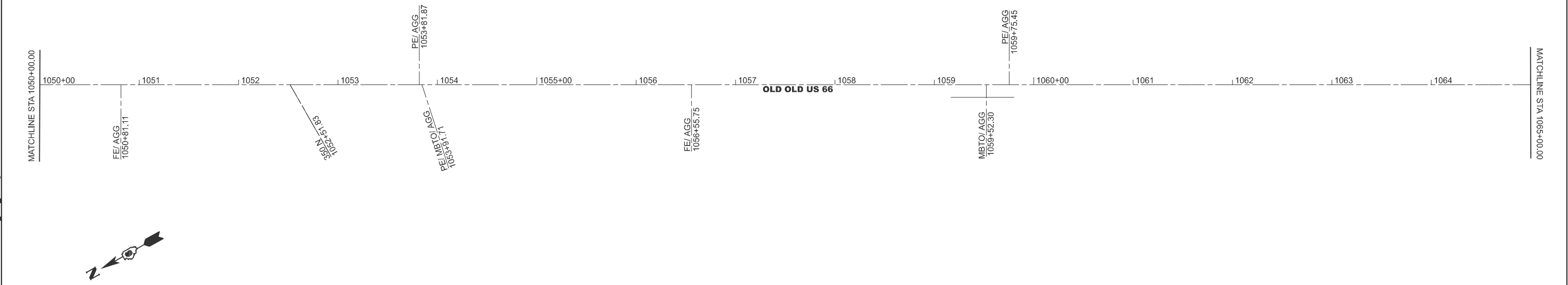
SHORT TERM PAVEMENT MARKING						
				70300100	70300150	
LOCATION	STATION TO STATION			OFFSET	LENGTH (FOOT)	CENTERLINE APPLICATION 4' PER 40' (FOOT)
ML	0+00.00	TO	6+36	RT	636	191
STATION EQUATION 6+43 BK = 1073+25 BK						
ML	1073+25.23	TO	991+48	LT	8,177	2,454
ML	50+15.68	TO	0+00.00	LT	5,016	1,505
SECTION 22RS-2						7,935
SECTION 23RS-5						4,515
(3 APPLICATIONS - MILLING, BINDER, SURFACE) TOTAL						12,450
						463

RAISED REFLECTIVE PAVEMENT MARKER				
STATION TO STATION		LOCATION		78100100
				MARKER
				AMBER
				(EACH)
0+00.00	TO	6+43	CENTERLINE	9
STATION EQUATION 6+43 BK = 1073+25 BK				
1073+25	TO	991+48	CENTERLINE	103
50+16	TO	0+00.00	CENTERLINE	63
SECTION 22RS-2				112
SECTION 23RS-5				63
TOTALS				175

PAVING											
STATION TO STATION			LENGTH	AVG. WIDTH	AREA	BINDER THICKNESS	SURFACE THICKNESS	40600290	40600370	40603080	40604050
								BIT MATERIALS TACK COAT	LONGITUDINAL JOINT SEALANT	HMA BINDER CSE, IL-19.0, N50	HMA SURFACE CSE, IL-9.5, MIX "C", N50
			(FOOT)	(FOOT)	(SQ YD)	(IN)	(IN)	(POUND)	(FOOT)	(TON)	(TON)
MAINLINE											
0+00.00	TO	2+75.41	275.4	24	734.4	2.25	1.50	495.8	275.5	92.6	61.7
2+75.41	TO	6+43.00	367.6	18	735.2	2.25	1.50	496.3	367.6	92.7	61.8
STATION EQUATION 6+43.00 BK = 1073+25.23 BK											
1073+25.23	TO	1006+83.28	6,642.0	18	13,283.9	2.25	1.50	8,966.7	6,642.0	1,673.8	1,115.9
1006+83.28	TO	991+48.00	1,535.3	24	4,094.1	2.25	1.50	2,763.6	1,535.3	515.9	344.0
50+15.68	TO	1+67.92	4,847.8	18	9,695.5	2.25	1.50	6,544.5	4,847.8	1,221.7	814.5
1+67.92	TO	0+00.00	167.9	24	447.8	2.25	1.50	302.3	168.0	56.5	37.7
SECTION 22RS-2								12,722.4	8,820.4	2,375.0	1,583.4
SECTION 23RS-5								6,846.8	5,015.8	1,278.2	852.2
TOTALS								19,569.2	13,836.2	3,653.2	2,435.6

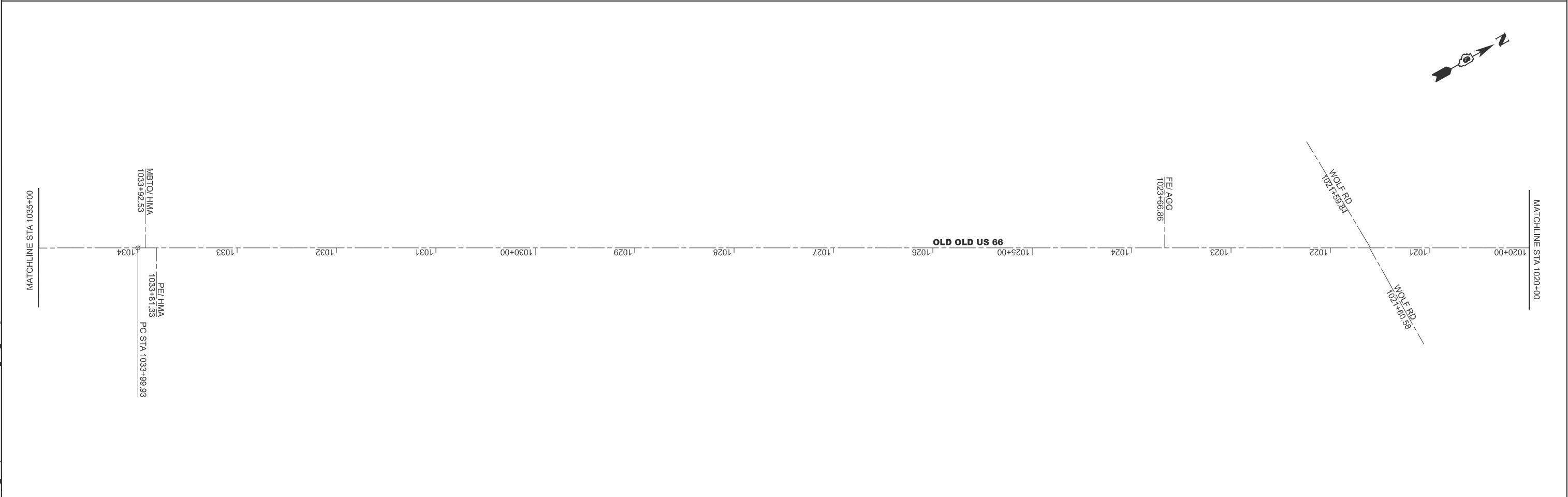
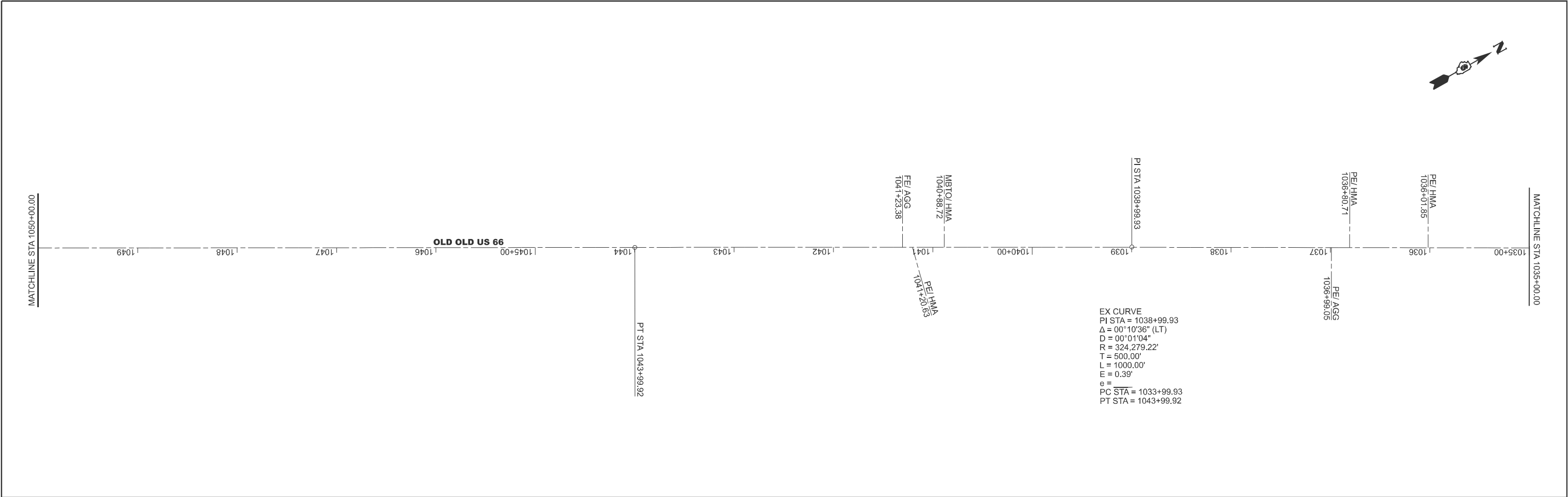


NOTE
DUE TO STATIONING CHANGING DIRECTION AT THE STATION EQUATION,
THE MATCHLINES FOR THIS SHEET ARE REVERSED



MODEL: EXCL - Plan 1 (Sheet)
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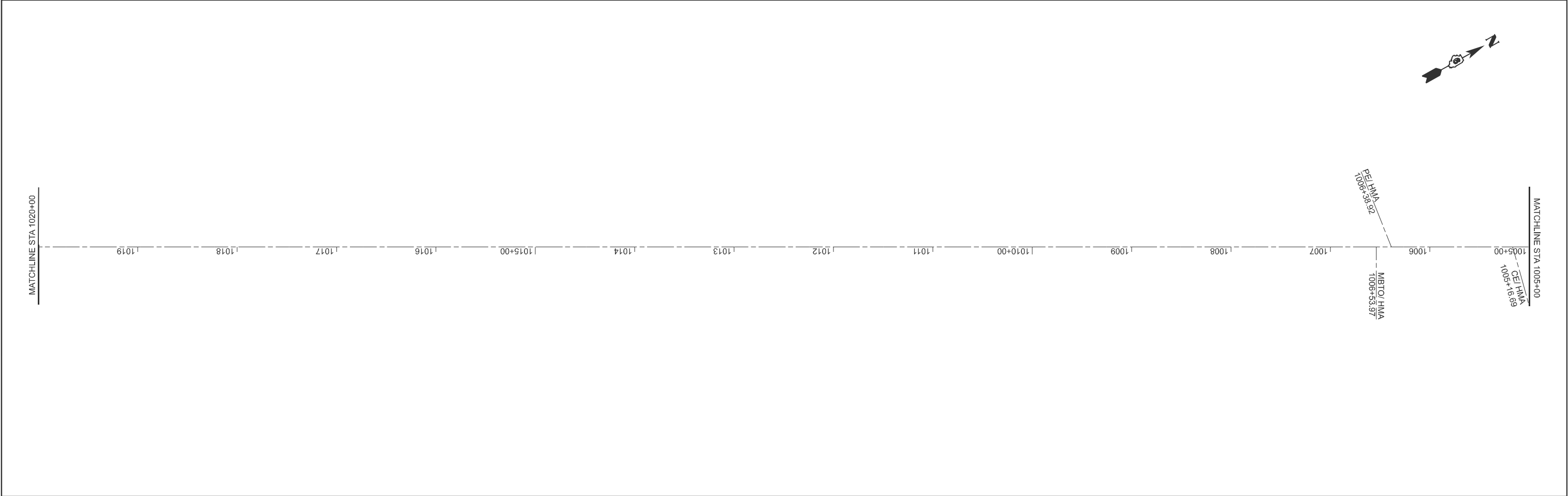
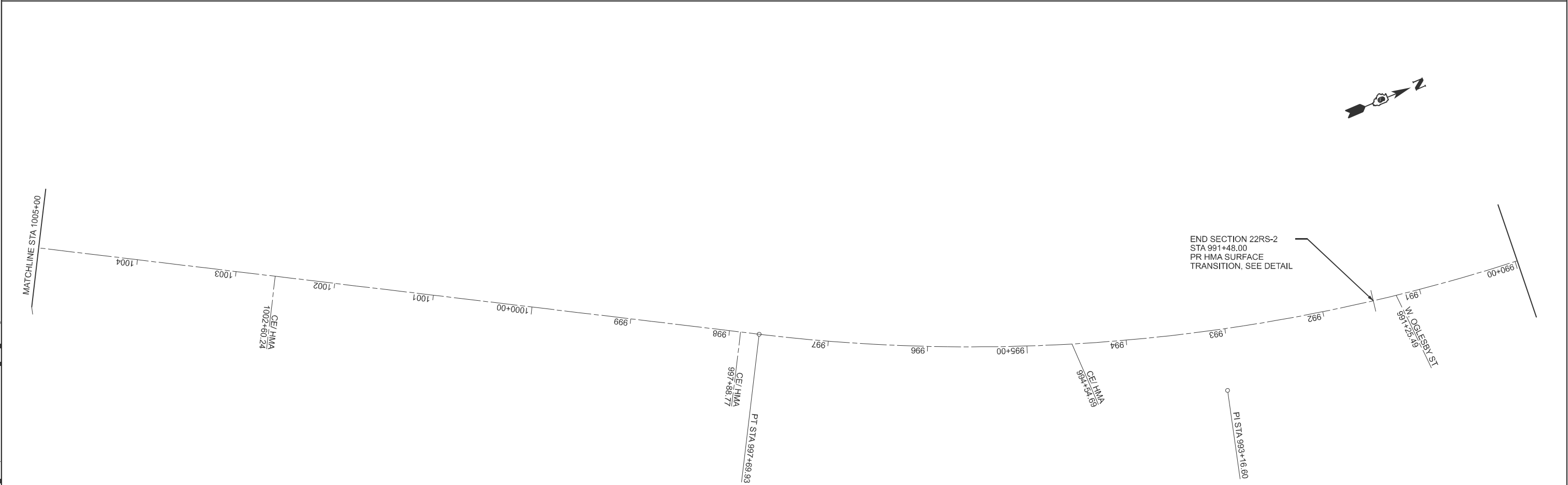
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		DRAWN -	REVISED -					*	22RS-2,23RS-5	MACOUPIN	18	10
		CHECKED -	REVISED -					CONTRACT NO. 72440				
	PLOT DATE = 12/4/2025	DATE -	REVISED -		SCALE: 1"=50'	SHEET 1	OF 5 SHEETS	STA.	TO STA.	ILLINOIS	FED. AID PROJECT	



	USER NAME = earl.kern	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PLAN SHEETS			F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN -	REVISED -					*	22RS-2,23RS-5	MACOUPIN	18	11
		CHECKED -	REVISED -		CONTRACT NO. 72440							
	PLOT DATE = 12/4/2025	DATE -	REVISED -		SCALE: 1"=50'	SHEET 2	OF 5 SHEETS	STA.	TO STA.	ILLINOIS	FED. AID PROJECT	

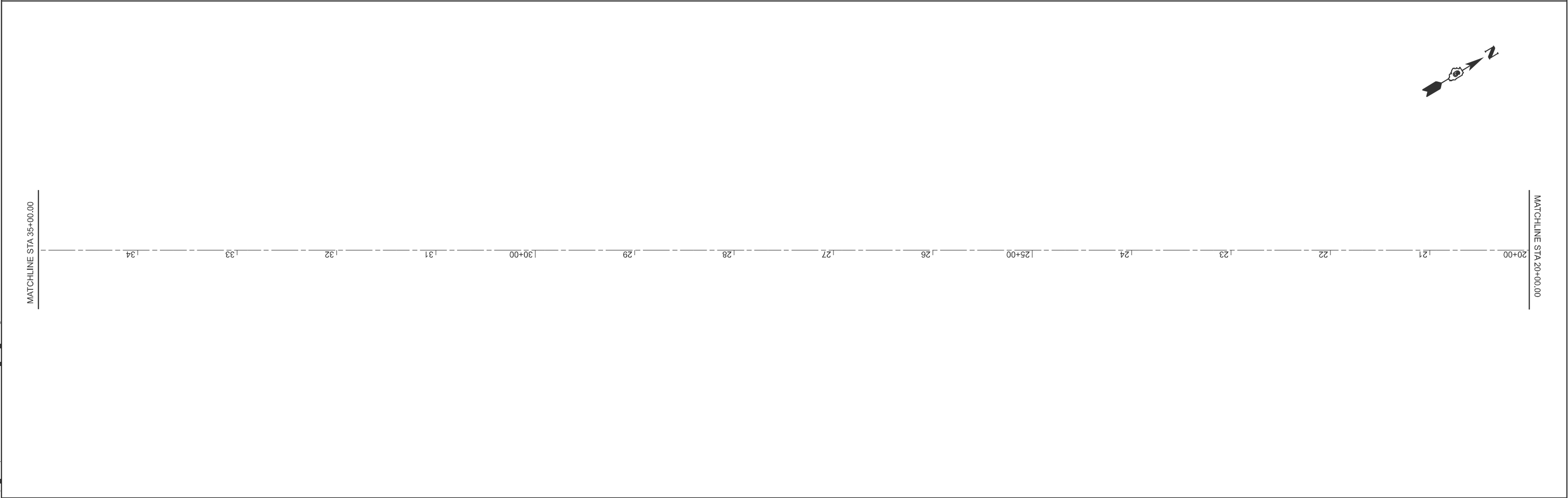
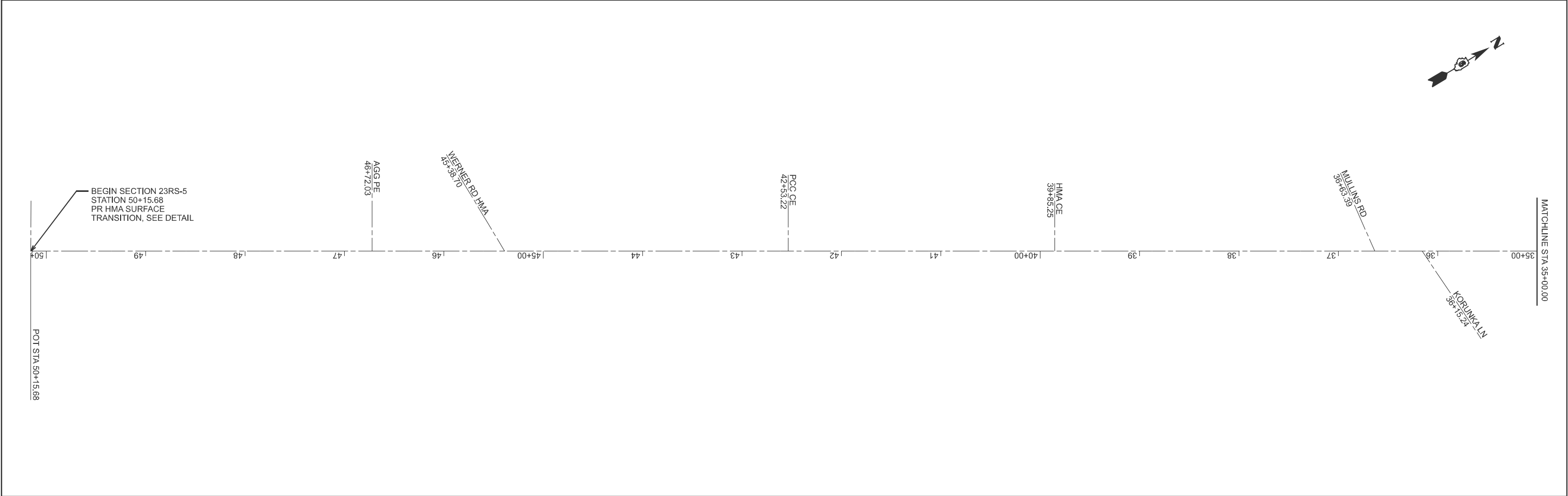
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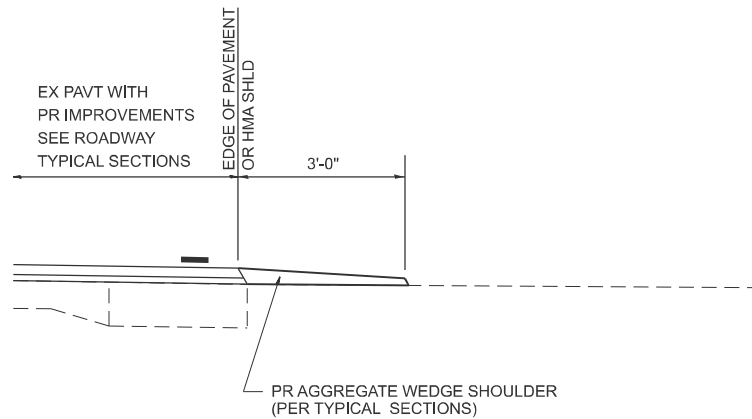
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		DRAWN -	REVISED -		SCALE: 1"=50'	SHEET 3	OF 5	SHEETS	STA.	TO STA.	*	22RS-2,23RS-5	MACOUPIN	18	12	
		CHECKED -	REVISED -								CONTRACT NO. 72440					
	PLOT DATE = 12/4/2025	DATE -	REVISED -								ILLINOIS			FED. AID PROJECT		
	SBI 16A															



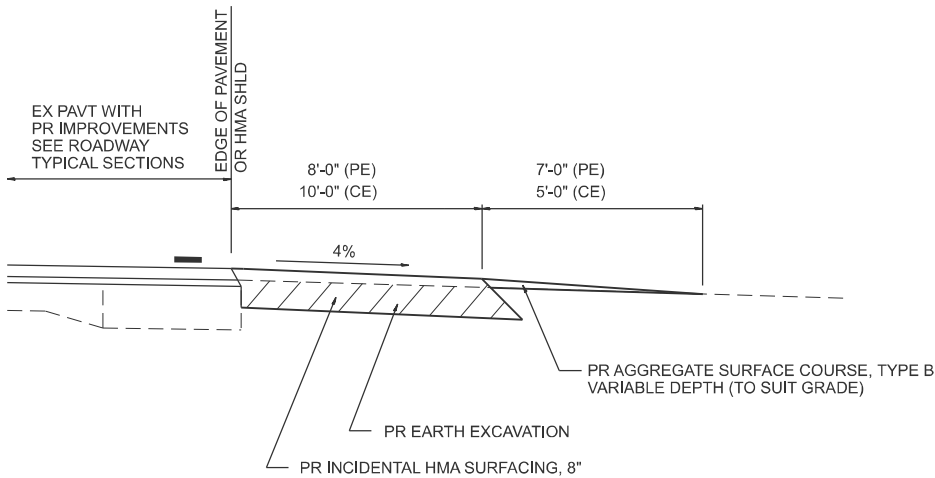
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		DRAWN -	REVISED -					*	22RS-2,23RS-5	MACOUPIN	18	13
		CHECKED -	REVISED -		CONTRACT NO. 72440							
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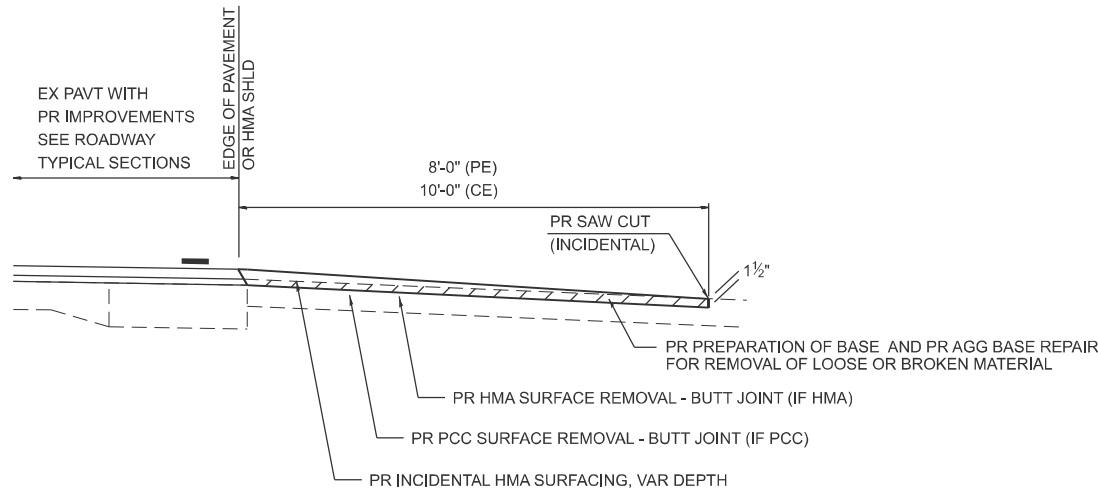




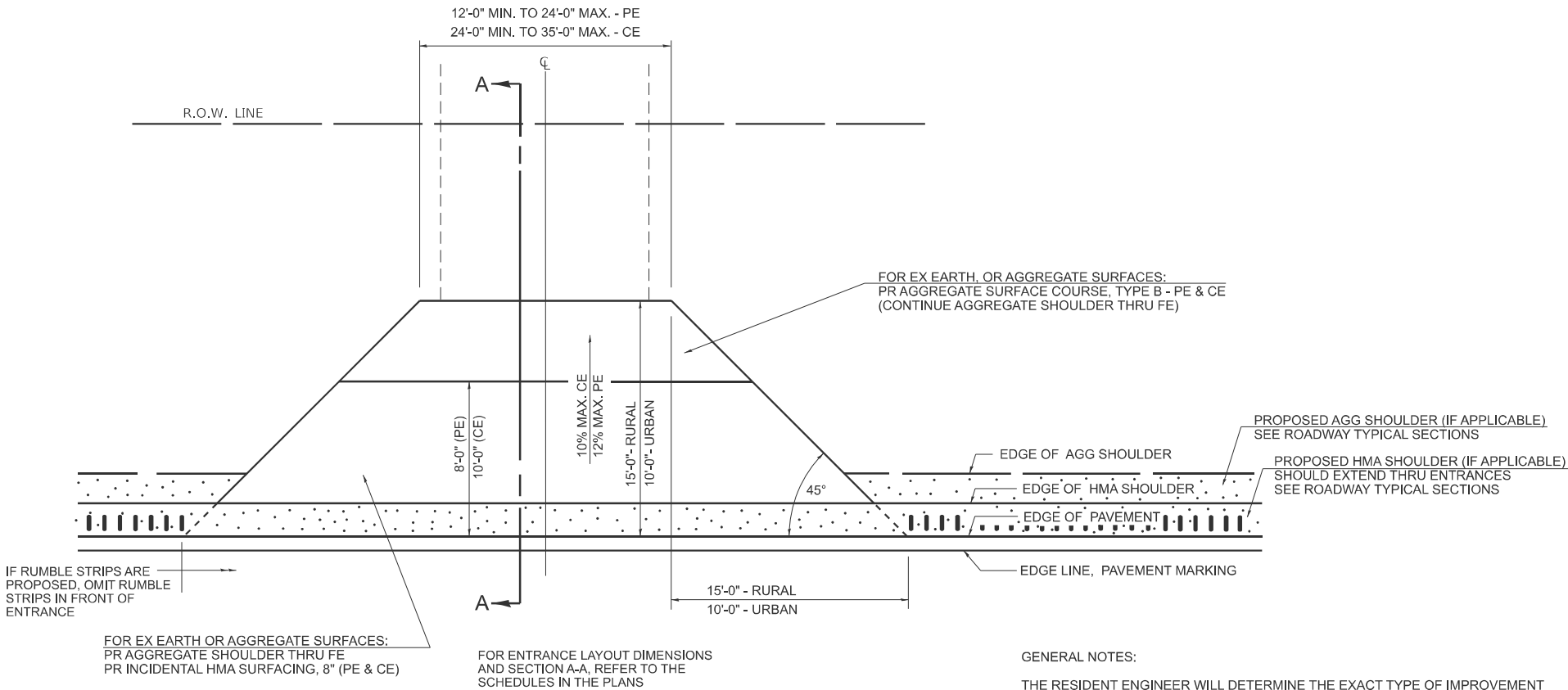
SECTION A-A FOR EX EARTH/ AGGREGATE FE



SECTION A-A FOR EX EARTH/AGGREGATE PE & CE



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



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.

FOR SMART OVERLAYS (1 1/2" MILLING AND 1 1/2" RESURFACING PROJECTS), USE THE SAME STANDARDS AS SHOWN, OMITTING THE BINDER COURSE.

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		DATE -	REVISED -

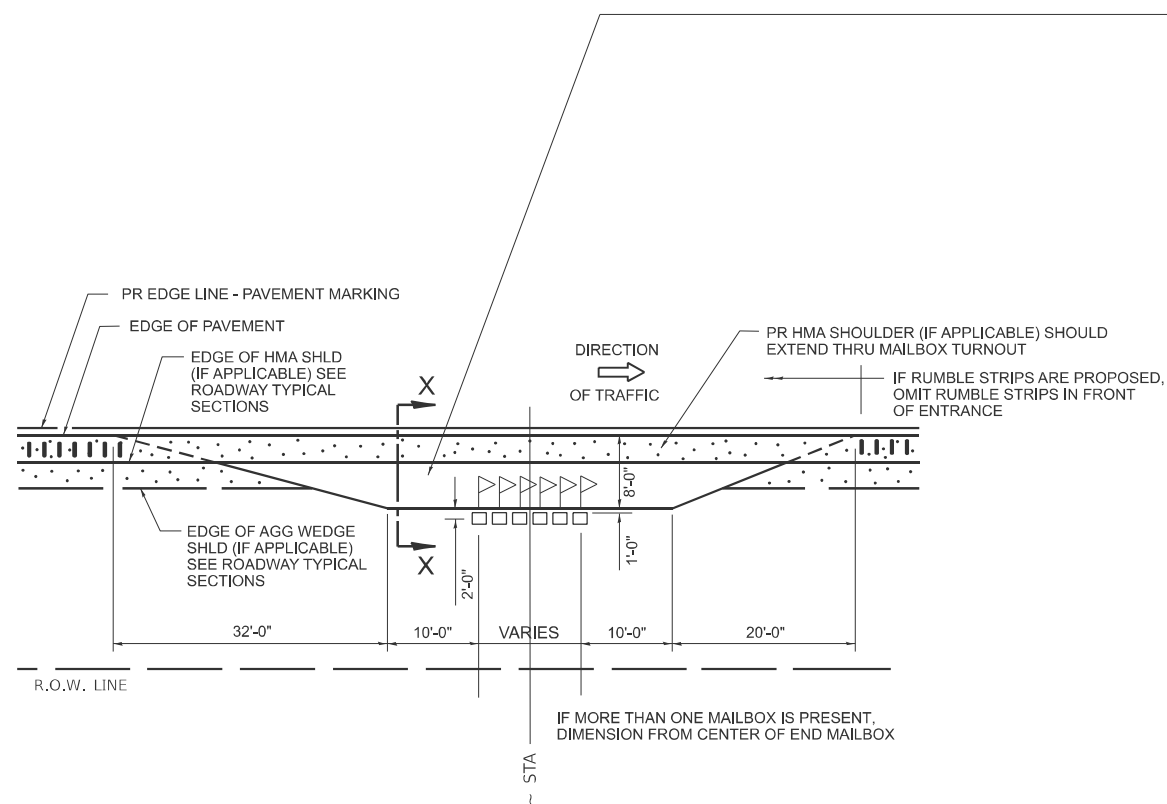
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

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

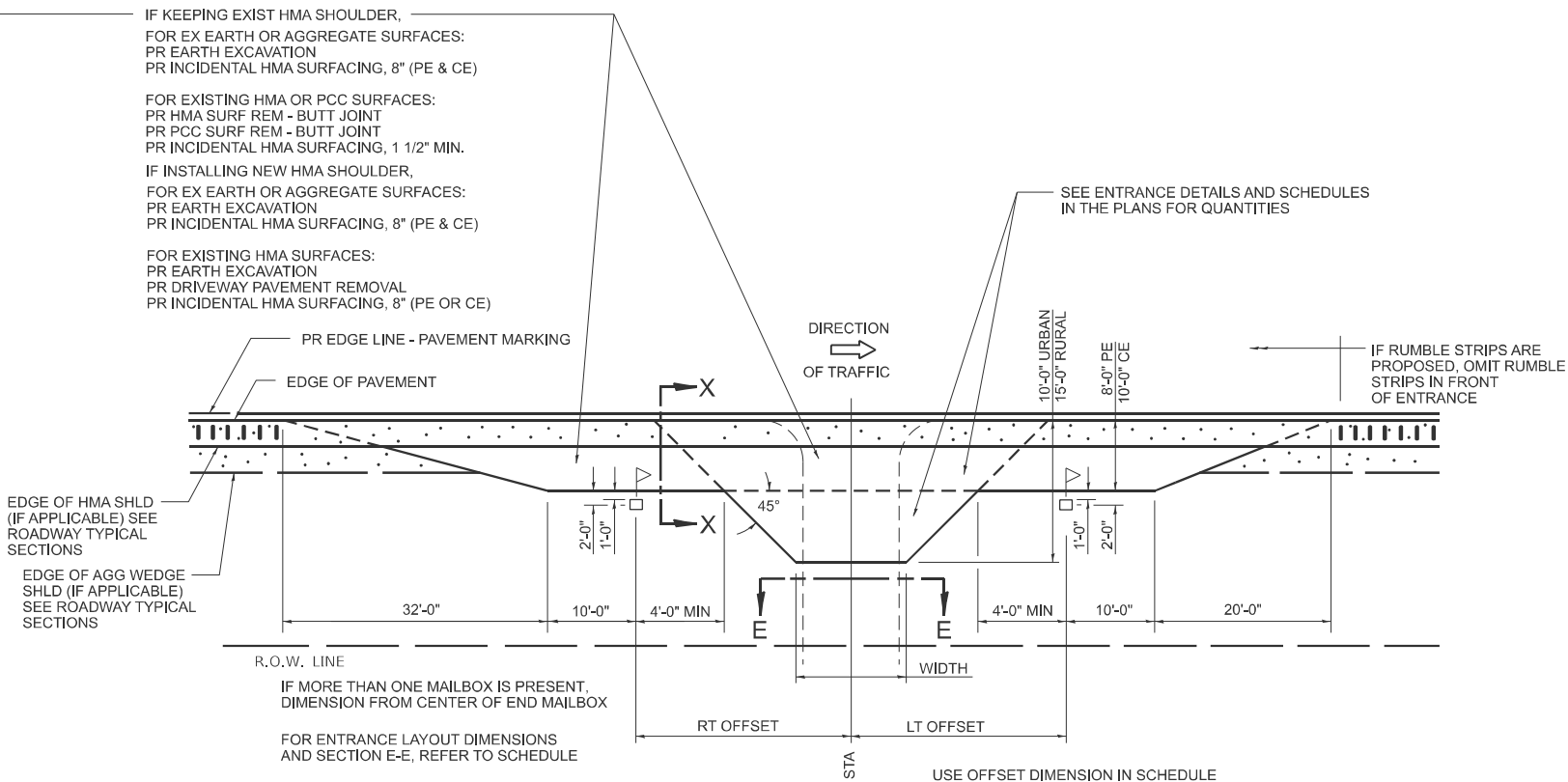
SCALE: SHEET 1 OF 4 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	22RS-2,23RS-5	MACOUPIN	18	15
CONTRACT NO. 72440				
ILLINOIS		FED. AID PROJECT		

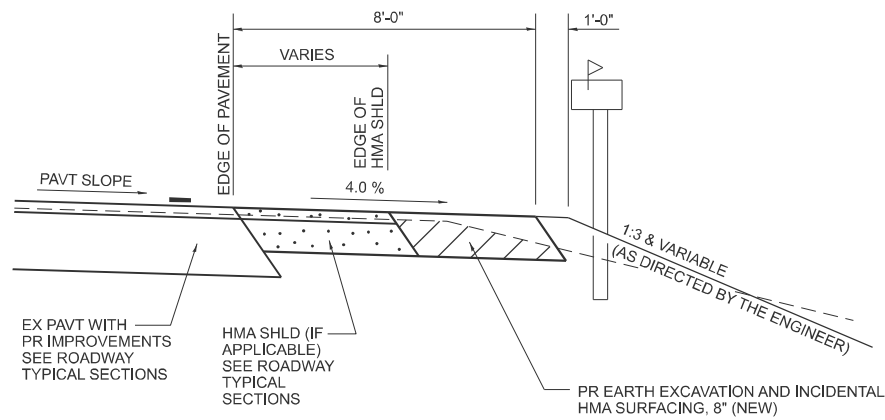
DETAILS OF MAILBOX TURNOUTS



PLAN - MAILBOX TURNOUTS

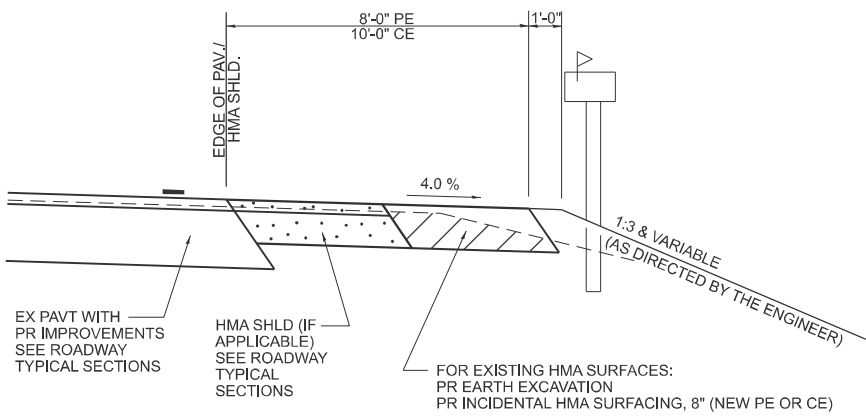


PLAN - MAILBOX TURNOUTS
PLAN - COMBINED MAILBOX TURNOUT WITH TRAILING OR LEADING ENTRANCE



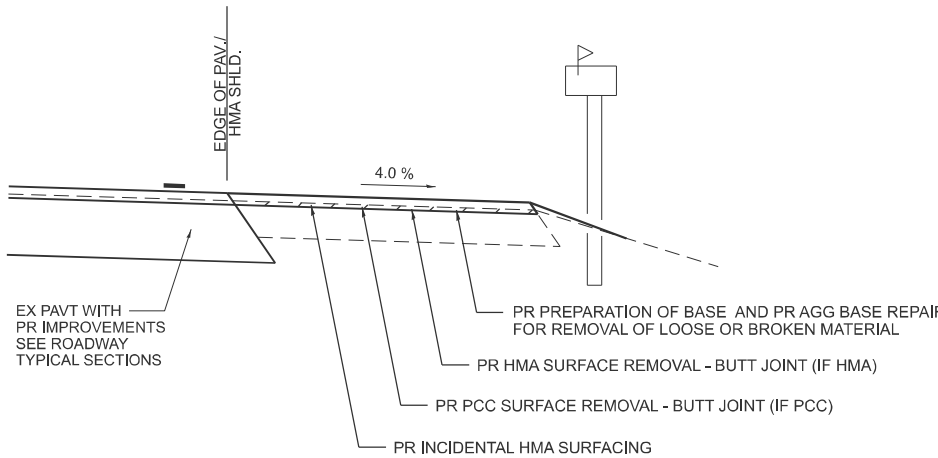
SECTION X-X THRU MAILBOX TURNOUT
APPLIES TO MAILBOX TURNOUTS COMBINED WITH
EX EARTH OR AGGREGATE PE & FE

(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.

MODEL: Entrance 2 (Sheet)
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	DATE -	REVISED -	

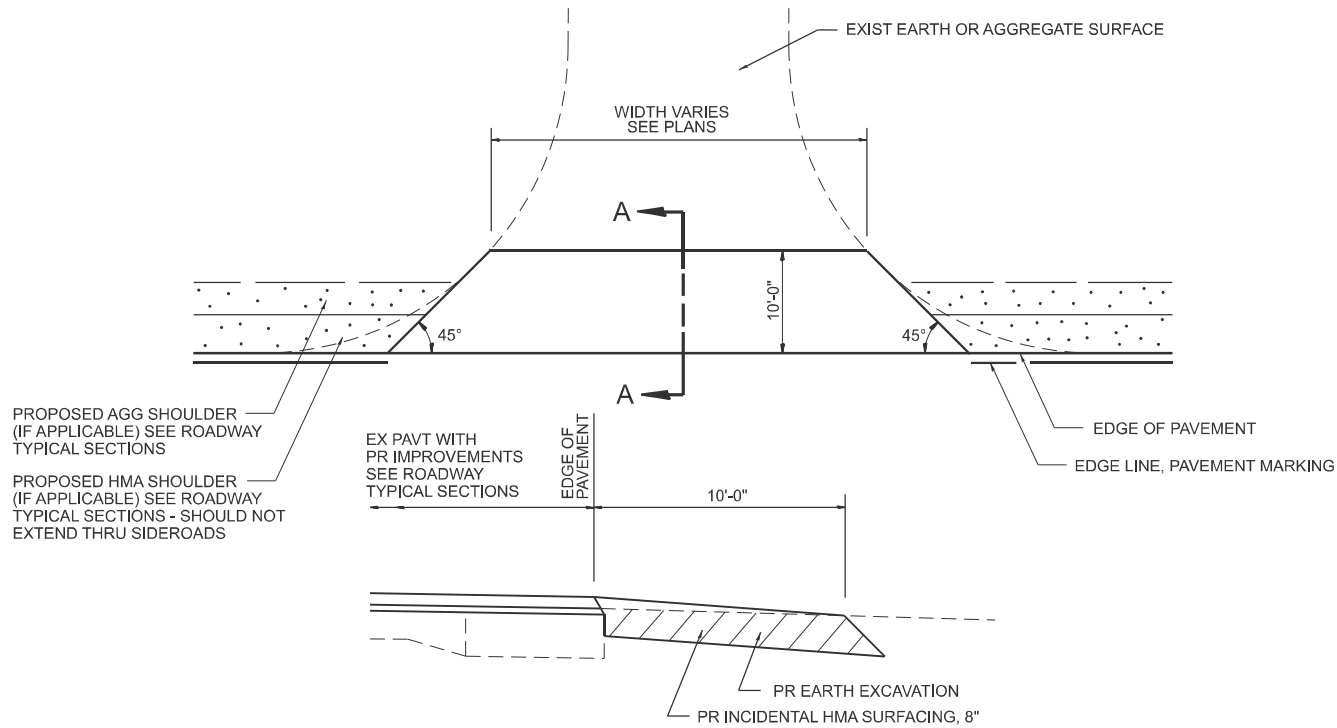
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

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

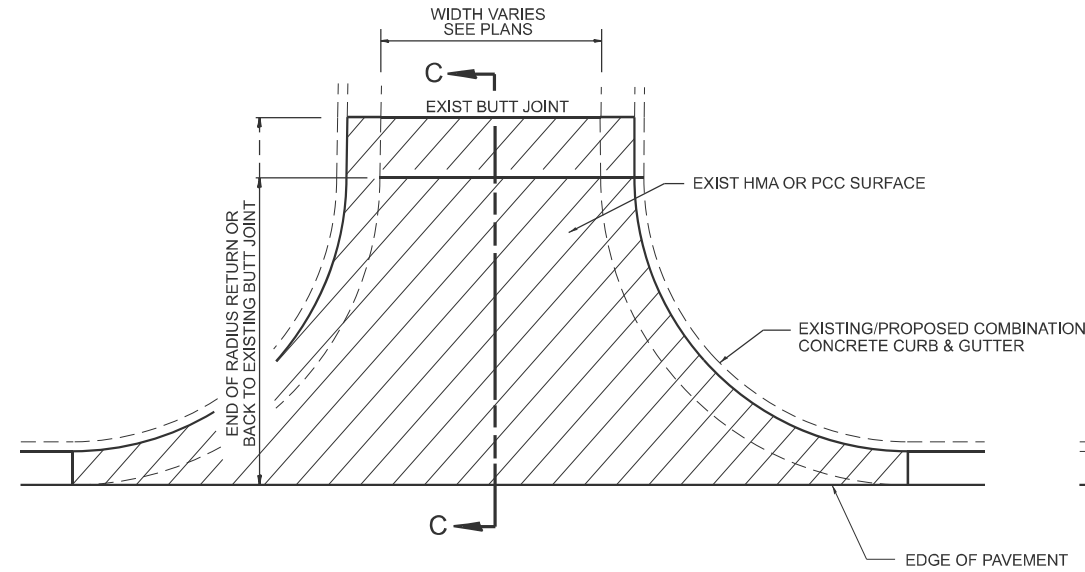
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F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	22RS-2,23RS-5	MACOUPIN	18	16
CONTRACT NO. 72440				
ILLINOIS FED. AID PROJECT				

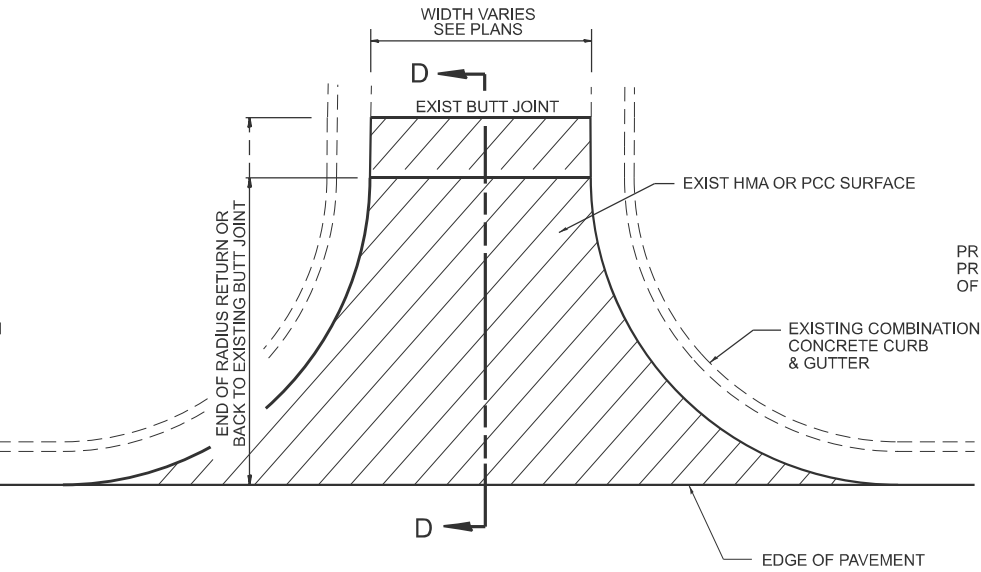
* SBI 16A



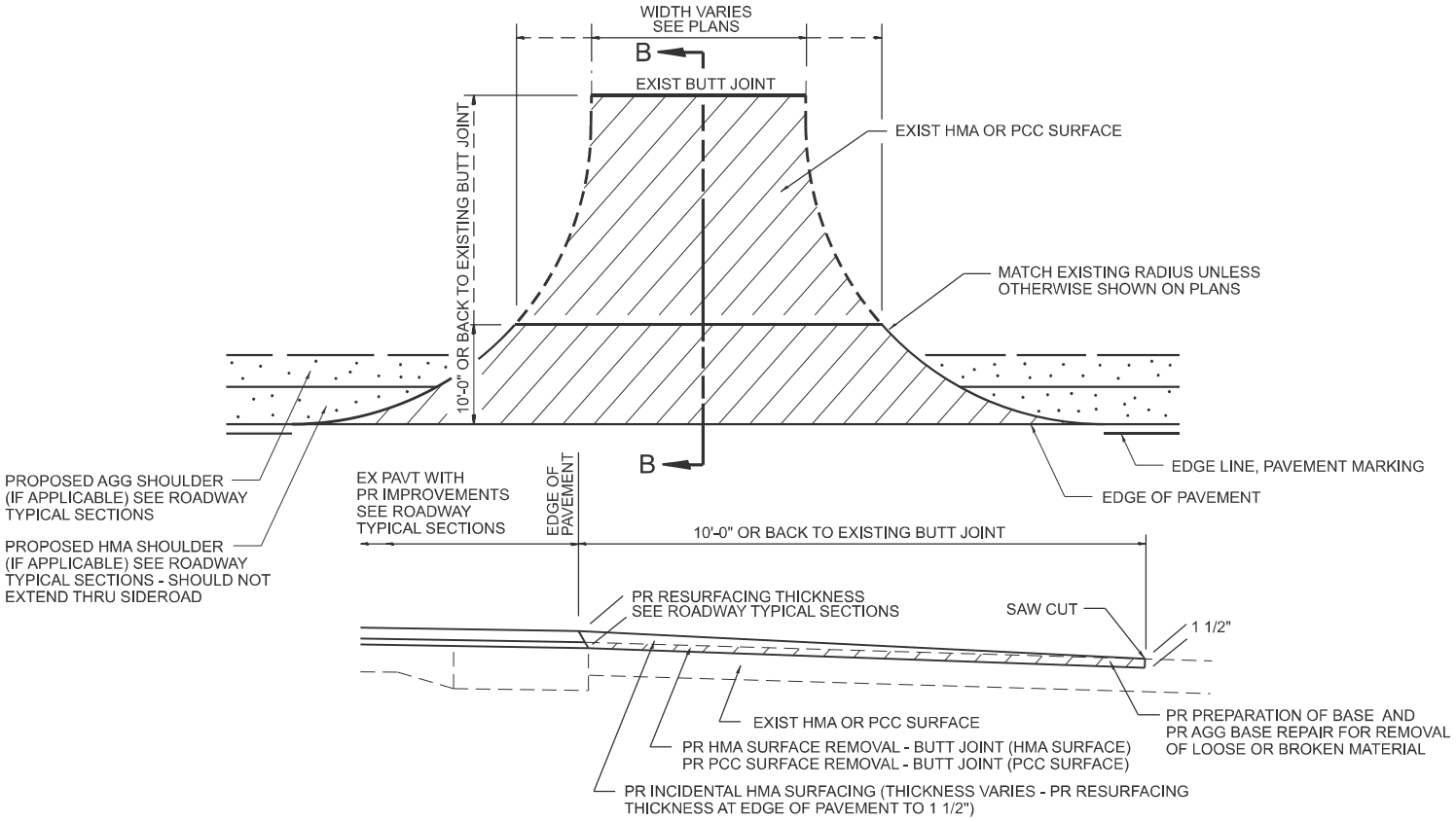
SECTION A-A
EXIST AGGREGATE SIDEROAD DETAIL
(NEW HMA APRON)



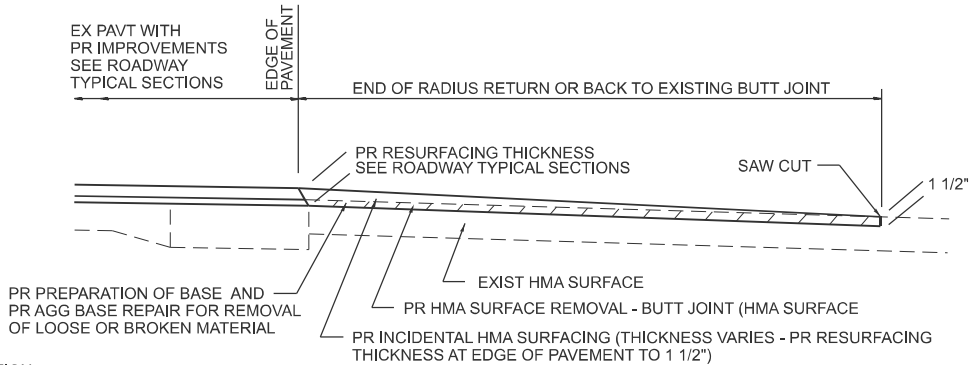
SECTION C-C
EXIST HMA SIDEROAD DETAIL W/CC&G
(TO BE RESURFACED)



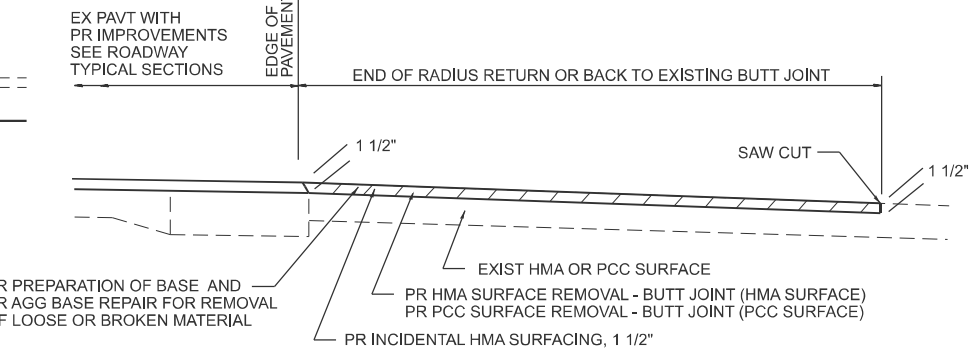
SECTION D-D
EXIST HMA OR PCC SIDEROAD DETAIL W/CC&G
(TO BE RESURFACED - MILL AND FILL ONLY)



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

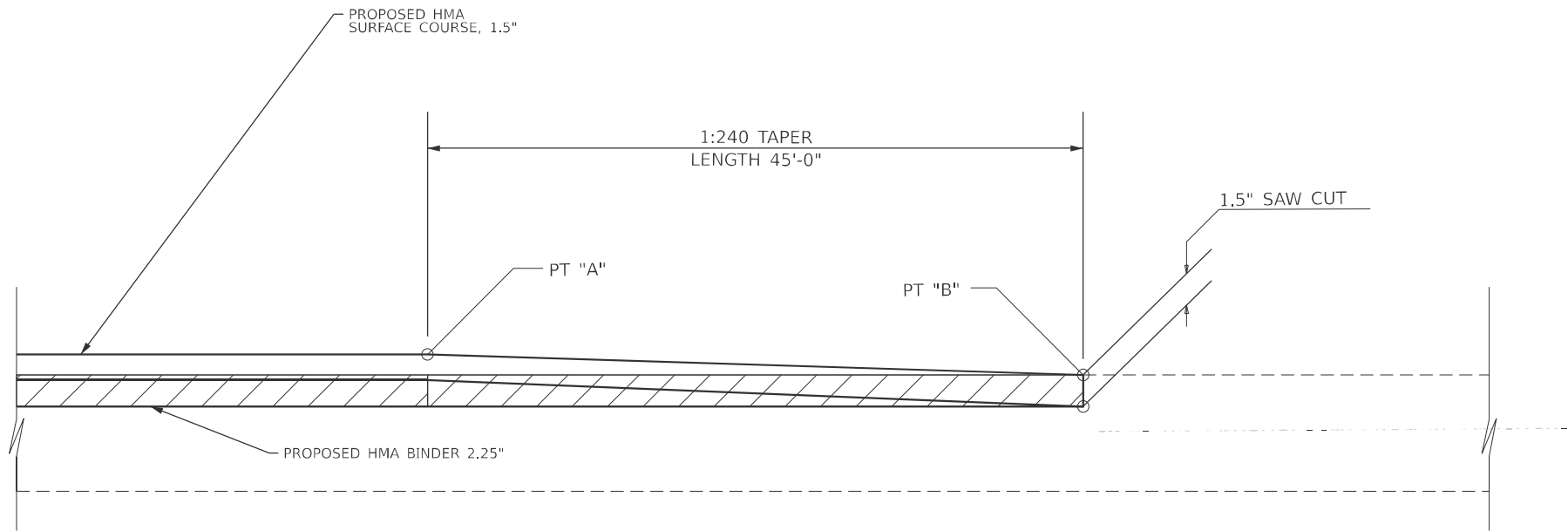
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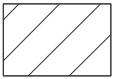
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	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 12/4/2025	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DIST. 6 DETAILS FOR SIDEROADS (3P-PROJ.)			
SCALE:	SHEET 3	OF 4 SHEETS	STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	22RS-2,23RS-5	MACOUPIN	18	17
CONTRACT NO. 72440				
ILLINOIS FED. AID PROJECT				



 HMA SURFACE REMOVAL 1.5"

NORTH SECTION

PT "A"	PT "B"
STA. 0+45.00	STA 0+00.00
STA. 49+70.68	STA. 50+15.68

SOUTH SECTION

PT "A"	PT "B"
STA. 991+93.00	STA. 991+48.00
STA. 0+45.00	STA. 0+00.00

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		DRAWN -	REVISED -					*	22RS-2,23RS-5	MACOUPIN	18	18
		CHECKED -	REVISED -					CONTRACT NO. 72440				
	PLOT DATE = 12/4/2025	DATE -	REVISED -		SCALE:	SHEET 4	OF 4 SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT		