

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

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LIST OF HIGHWAY STANDARDS

STANDARD NO.	DESCRIPTION
000001-08	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
001006	DECIMAL OF AN INCH AND OF A FOOT
482011-03	HMA SHOULDER STRIPS/SHOULDERS WITH RESURFACING OR WIDENING AND RESURFACING PROJECTS
701006-05	OFF-ROAD OPERATIONS, 2L, 2W, 15' TO 24" FROM PAVEMENT EDGE
701301-04	LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS
701311-03	LANE CLOSURE, 2L, 2W, MOVING OPERATIONS - DAY ONLY
701501-06	URBAN LANE CLOSURE, 2L, 2W, UNDIVIDED
701502-09	URBAN LANE CLOSURE, 2L, 2W, WITH BIDIRECTIONAL LEFT TURN LANE
701701-10	URBAN LANE CLOSURE, 2L, 2W, MULTILANE INTERSECTION
701901-10	TRAFFIC CONTROL DEVICES
780001-05	TYPICAL PAVEMENT MARKINGS
781001-04	TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS

MODEL: Gennote 1 [Sheet]
FILE NAME: c:\pwworking\gennote\id0942583D570H32-shi-gennote.dgn

	USER NAME = Christina.Gosnell	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	INDEX OF SHEETS & LIST OF HIGHWAY STANDARDS			FAU RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN -	REVISED -					7053	(38)RS-3	VERMILION	39	2
		CHECKED -	REVISED -					CONTRACT NO. 70H32				
	PLOT DATE = 10/22/2024	DATE -	REVISED -		SCALE:	SHEET 2	OF 2	SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT	

GENERAL NOTES

G.N.-100A

ELECTRONIC FILES AND/OR ELECTRONIC SURVEY INFORMATION INCLUDING CADD FILES WILL NOT BE AVAILABLE TO THE CONTRACTOR.

GN 406H Mixture Requirements Contract: 70H32

Location	US 136	US 136
Mixture Use	Mainline Surface	Incidental & HMA Shoulder
AC/PG	PG 64-22	PG 64-22
Design Air Voids	4.0% @ Ndes=50	4.0% @ Ndes=50
Mix Comp(Gradation)	IL 9.5	IL 9.5
Friction Aggregate	Mix D	Mix D
Mixture Weight	112	112
Quality Management Program	QCP	QC/QA
Sublot Size	1000	3000
Material Transfer Device (Required ?)	No	No

G.N. 406M

MATERIAL TRANSFER DEVICE (MTD) INFORMATION

IF THE CONTRACTOR ELECTS TO USE A MATERIAL TRANSFER DEVICE (MTD), THEN THE FOLLOWING REQUIREMENTS WILL APPLY. BASED ON STRUCTURAL ANALYSIS, THE FOLLOWING STRUCTURES CAN BE CROSSED WITH AN EMPTY MTD WITH THE FOLLOWING MAXIMUM GROSS WEIGHT RESTRICTIONS:

STRUCTURE NUMBER	WEIGHT RESTRICTION
092-8039	40 TONS
092-8082	40 TONS

IF THE SAME MTD IS USED THROUGHOUT THE ENTIRE CONTRACT, THEN IT MUST BE LIMITED TO AN EMPTY GROSS WEIGHT OF 40 TONS OR LESS.

G.N.-406S

PROJECT POSTED SPEED LIMITS

THE FOLLOWING TABLE IS A LISTING OF POSTED SPEED LIMITS WITHIN THE PROJECT LIMITS.
THE ENGINEER SHALL FIELD VERIFY THESE LIMITS:

STATION TO STATION		POSTED SPEED LIMIT (MPH)
69+59.00	72+70.75	45 MPH
72+70.75	78+51.55	45 MPH
78+51.55	129+77.00	55 MPH

G.N.-703A

SHORT TERM PAVEMENT MARKING SHALL BE APPLIED TO THE PAVEMENT AFTER ANY OF THE FOLLOWING:
COLD MILLING AND/OR PLACING BITUMINOUS MATERIALS (TACK COAT), LEVELING BINDER (MACHINE METHOD), BINDER AND SURFACE COURSES. SHORT TERM PAVEMENT MARKING PLACED ON THE SURFACE SHALL COINCIDE WITH THE FINAL PAVEMENT STRIPING. SHORT TERM PAVEMENT MARKING PLACED PRIOR TO THE SURFACE SHALL COINCIDE WITH THE EXISTING PAVEMENT MARKINGS. USE 4 FEET PER 40 FEET (OR 10% PER STATION).

G.N.-781

THE FINAL PAVEMENT MARKINGS SHALL BE IN PLACE PRIOR TO PLACING THE RAISED REFLECTIVE PAVEMENT MARKERS.

COMMITMENTS

THERE ARE NO COMMITMENTS ON THIS PROJECT.

MODEL: Gennote 2 (Sheet)
FILE NAME: c:\p\work\jwg\tdlgosnell\td0982883\D570H32-shl-gennote.dgn

	USER NAME = Christina.Gosnell	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	GENERAL NOTES			F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN -	REVISED -					7053	(38)RS-3	VERMILION	39	3
		CHECKED -	REVISED -					CONTRACT NO. 70H32				
	PLOT DATE = 10/22/2024	DATE -	REVISED -		SCALE:	SHEET 3	OF 2 SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT		

SUMMARY OF QUANTITIES

LOCATION OF WORK:	FAP 729 / US 136/ LYNCH RD	FAU 7053 / US 136/ LYNCH RD
	STA. 69+59.00 TO STA. 72+70.75	STA. 72+70.75 TO STA. 129+77.00
	O.P.A.	MINOR ARTERIAL
	URBAN	URBAN
COUNTY:	VERMILION	VERMILION
FUNDING BREAKOUT:	80% FED / 20% STATE	80% FED / 20% STATE
CONSTRUCTION TYPE CODE:	0005	0005

	CODE NO.		ITEM	UNIT		TOTAL QUANTITY	QUANTITY	QUANTITY
	40600290		BITUMINOUS MATERIALS (TACK COAT)	POUND		10,943.0	776.0	10,167.0
	40600370		LONGITUDINAL JOINT SEALANT	FOOT		8,843.0	796.5	8,046.5
	40600990		TEMPORARY RAMP	SQ YD		50.0	32.0	18.0
	40604062		HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N70	TON		1,633.0	135.0	1,498.0
	40800029		BITUMINOUS MATERIALS (TACK COAT)	POUND		730.0	0.0	730.0
	40800050		INCIDENTAL HOT-MIX ASPHALT SURFACING	TON		137.0	0.0	137.0
	44000155		HOT-MIX ASPHALT SURFACE REMOVAL, 1 1/2"	SQ YD		24,317.0	1,725.0	22,592.0
	48102100		AGGREGATE WEDGE SHOULDER, TYPE B	TON		95.0	0.0	95.0
	48203100		HOT-MIX ASPHALT SHOULDERS	TON		410.0	10.0	400.0
	67100100		MOBILIZATION	L SUM		1.0	0.1	0.9
	70102620		TRAFFIC CONTROL AND PROTECTION, STANDARD 701501	L SUM		1.0	0.1	0.9
	70102622		TRAFFIC CONTROL AND PROTECTION, STANDARD 701502	L SUM		1.0	0.1	0.9
* DENOTES SPECIALTY ITEM								

MODEL: SQQ 1 [Sheet]
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SUMMARY OF QUANTITIES

LOCATION OF WORK:	FAP 729 / US 136/ LYNCH RD	FAU 7053 / US 136/ LYNCH RD
	STA. 69+59.00 TO STA. 72+70.75	STA. 72+70.75 TO STA. 129+77.00
	O.P.A.	MINOR ARTERIAL
	URBAN	URBAN
	VERMILION	VERMILION
FUNDING BREAKOUT:	80% FED / 20% STATE	80% FED / 20% STATE
CONSTRUCTION TYPE CODE:	0005	0005

	CODE NO.		ITEM	UNIT		TOTAL QUANTITY	QUANTITY	QUANTITY
	70102635		TRAFFIC CONTROL AND PROTECTION, STANDARD 701701	L SUM		1.0	0.1	0.9
	70300100		SHORT TERM PAVEMENT MARKING	FOOT		1,686.0	301.0	1,385.0
	70300150		SHORT TERM PAVEMENT MARKING REMOVAL	SQ FT		828.0	241.0	587.0
*	78000100		THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT		890.0	172.0	718.0
*	78000200		THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT		19,693.0	2,541.0	17,152.0
*	78000400		THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT		980.0	506.0	474.0
*	78000600		THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT		864.0	380.0	484.0
*	78000650		THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT		168.0	84.0	84.0
*	78011000		GROOVING FOR RECESSED PAVEMENT MARKING, LETTERS AND SYMBOLS	SQ FT		1,049.0	202.0	847.0
*	78011025		GROOVING FOR RECESSED PAVEMENT MARKING 5"	FOOT		19,693.0	2,541.0	17,152.0
*	78011035		GROOVING FOR RECESSED PAVEMENT MARKING 7"	FOOT		980.0	506.0	474.0
*	78011065		GROOVING FOR RECESSED PAVEMENT MARKING 13"	FOOT		864.0	380.0	484.0
* DENOTES SPECIALTY ITEM								

SUMMARY OF QUANTITIES

LOCATION OF WORK:	FAP 729 / US 136/ LYNCH RD	FAU 7053 / US 136/ LYNCH RD
	STA. 69+59.00 TO STA. 72+70.75	STA. 72+70.75 TO STA. 129+77.00
	O.P.A.	MINOR ARTERIAL
	URBAN	URBAN
	VERMILION	VERMILION
FUNDING BREAKOUT:	80% FED / 20% STATE	80% FED / 20% STATE
CONSTRUCTION TYPE CODE:	0005	0005

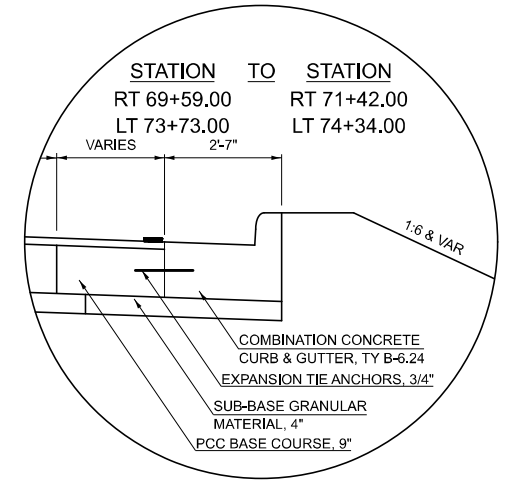
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*	78011125		GROOVING FOR RECESSED PAVEMENT MARKING 25"	FOOT		168.0	84.0	84.0
*	78100100		RAISED REFLECTIVE PAVEMENT MARKER	EACH		192.0	43.0	149.0
	78300200		RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH		192.0	43.0	149.0
	X4400196		HOT-MIX ASPHALT SURFACE REMOVAL (SPECIAL)	SQ YD		1,621.0	0.0	1,621.0
*	XZ193400		SURVEY MARKER, TYPE 2 (SPECIAL)	EACH		10.0	1.0	9.0
*	Z0070202		SURVEY MARKER VAULT	EACH		1.0	0.0	1.0
	Z0013798		CONSTRUCTION LAYOUT	L SUM		1.0	0.5	0.5
* DENOTES SPECIALTY ITEM								

FILE NAME:	USER NAME = Christina.Gosnell	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUMMARY OF QUANTITIES				F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN -	REVISED -						7053	(38)RS-3	VERMILION	39	6
		CHECKED -	REVISED -		CONTRACT NO. 70H32								
	PLOT DATE = 10/29/2024	DATE -	REVISED -										
					SCALE:	SHEET 3	OF 3	SHEETS	STA.	TO STA.			

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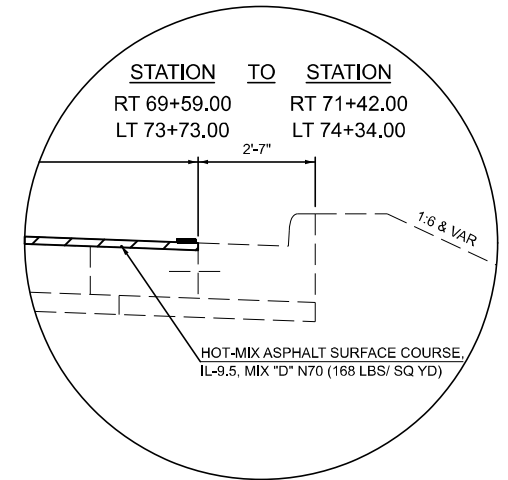
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②



1

②



**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

TYPICAL CROSS SECTION				
SCALE:	SHEET 1	OF 3	SHEETS	STA. TO STA.

F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7053	(38)RS-3	VERMILION	39	7
		CONTRACT NO. 70H32		
ILLINOIS		FED. AID PROJECT		

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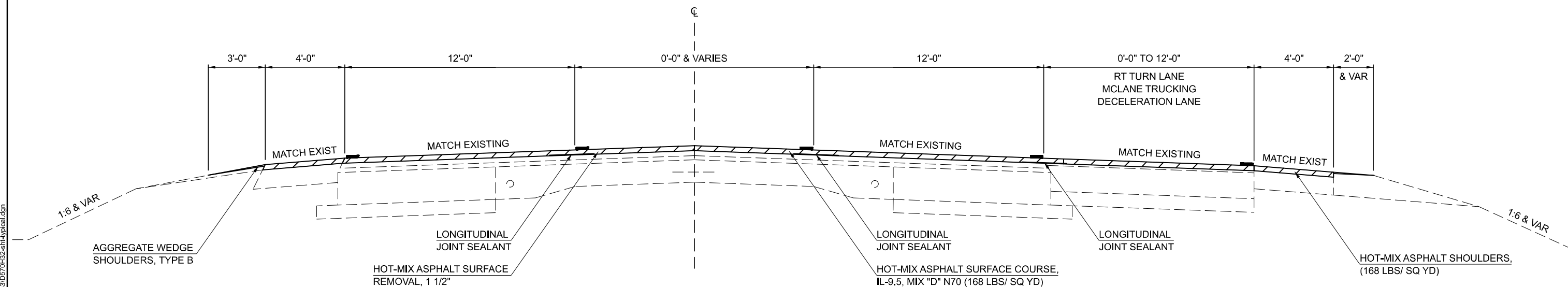
2

<u>STATION</u>	<u>TO</u>	<u>STATION</u>
② 78+09.10		80+18.00 ③



2

<u>STATION</u>	<u>TO</u>	<u>STATION</u>
(2) 78+09.10		80+18.00 (3)



USER NAME = Bridgette.Pierson	DESIGNED -	REVISED -
	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 10/17/2024	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TYPICAL CROSS SECTION

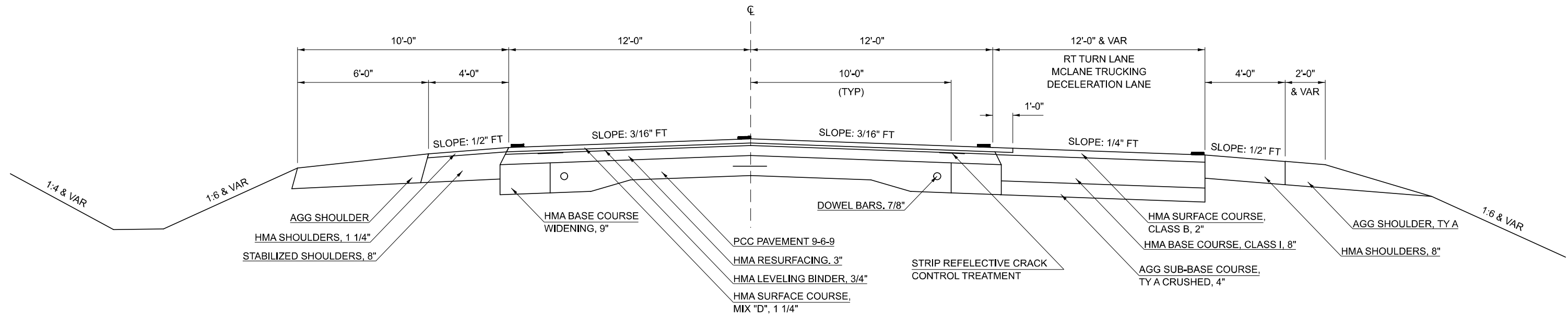
SCALE:	SHEET 2	OF 3	SHEETS	STA.	TO STA.
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F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7053	(38)RS-3	VERMILION	39	8
		CONTRACT NO. 70H32		
		ILLINOIS	FED. AID PROJECT	

3

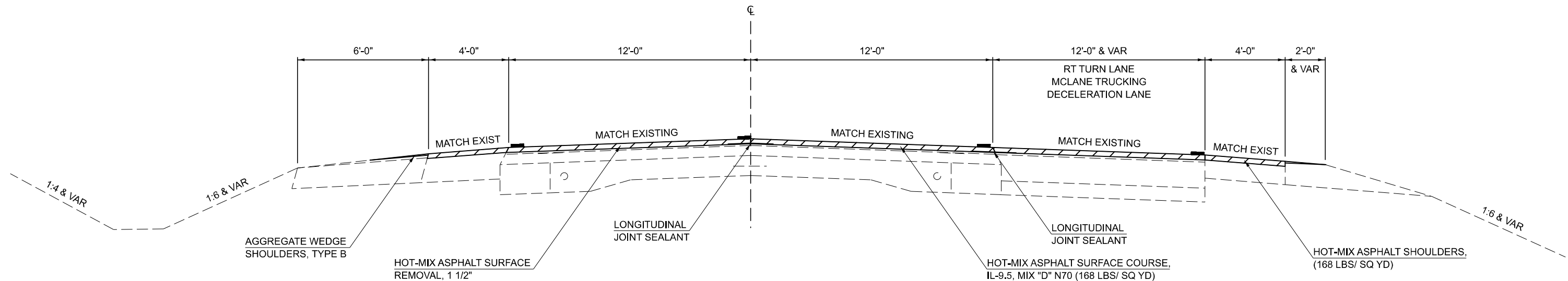
*** NOTE ***
RESURFACING OMISSION
RT TURN LANE & HMA SHOULDERS
RT STA 78+10.00 TO RT STA 83+52.00

	<u>STATION</u>	<u>TO</u>	<u>STATION</u>
②	80+18.00		127+77.00



3

	<u>STATION</u>	<u>TO</u>	<u>STATION</u>
②	80+18.00		129+77.00



USER NAME = Bridgette, Pierson	DESIGNED -	REVISED -
	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 10/17/2024	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TYPICAL CROSS SECTION

SCALE:	SHEET 3	OF 3	SHEETS	STA.	TO STA.
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F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7053	(38)RS-3	VERMILION	39	9
		CONTRACT NO. 70H32		
		ILLINOIS	FED. AID PROJECT	

MODEL: Typical 3 [Sheet]
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SCHEDULE OF QUANTITIES

PAVING SCHEDULE

ROUTE	DESCRIPTION	STATION	TO	STATION	LENGTH (FOOT)	MAINLINE/ HMA SHOULDER WIDTH (FOOT)	AREA (SQ YD)	AGGREGATE SHOULDER WIDTH (FOOT)	44000155	40600290	40600370	40604062	40600990	48203100	48102100							
									HOT-MIX ASPHALT SURFACE REMOVAL, 1 1/2"	BITUMINOUS MATERIAL (TACK COAT)	LONGITUDINAL JOINT SEALANT	HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N70	TEMPORARY RAMP	HOT-MIX ASPHALT SHOULDERS	AGGREGATE WEDGE SHOULDERS, TYPE B							
									(SQ YD)	(POUND)	(FOOT)	(TON)	(SQ YD)	(TON)	(TON)							
FAP 729	WB MAINLINE	LT 69+59.00		LT 72+70.75	311.75	12.00	415.67		415.67	187.05	311.75	34.92										
FAP 729	WB SHOULDER	LT 69+59.00		LT 71+32.00	173.00	6.00 *	115.33		115.33	51.90				9.69								
FAP 729	EB MAINLINE	RT 69+59.00		RT 72+70.75	311.75	15.80 *	547.29		547.29	246.28		45.97										
FAP 729	EB LT TURN LANE	RT 69+59.00		RT 72+70.75	311.75	12.00	415.67		415.67	187.05	311.75	34.92										
FAP 729	EB RT TURN LANE	RT 69+59.00		RT 71+32.00	173.00	12.00	230.67		230.67	103.80	173.00	19.38										
FAP 729	TEMP RAMP	RT 69+59.00		RT 69+64.00	5.00	57.00							31.67									
FAP 729 TOTAL =								1,724.63	776.08	796.50	135.18	31.67	9.69									
FAU 7053	WB MAINLINE	LT 72+70.75		LT 80+18.00	747.25	12.00	996.33		996.33	448.35	747.25	83.69										
FAU 7053	WB LT TURN LANE	LT 72+70.75		LT 80+18.00	747.25	12.60 *	1,046.15		1,046.15	470.77		87.88										
FAU 7053	EB MAINLINE	RT 72+70.75		RT 80+18.00	747.25	12.00	996.33		996.33	448.35	747.25	83.69										
FAU 7053	EB SHOULDER	RT 73+98.00		RT 82+40.00	342.00	4.00	374.22	3.00	374.22	168.40				31.43	7.41							
FAU 7053	WB RT TURN LANE	LT 73+73.00		LT 77+80.00	407.00	8.30 *	375.34		375.34	168.91	407.00	31.53										
FAU 7053	WB SHOULDER	LT 74+34.00		LT 76+98.00	264.00	4.00	117.33	3.00	117.33	52.80				9.86	2.32							
FAU 7053	** RT TURN LANE	RT 75+29.00		RT 82+60.00	731.00	7.18 *	583.18		583.18	262.43	731.00	48.99										
FAU 7053	WB SHOULDER	LT 77+67.00		LT 129+38.00	5,171.00	4.00	2,298.22	3.00	2,298.22	1,034.20				193.05	45.49							
FAU 7053	WB MAINLINE	LT 80+18.00		LT 129+77.00	4,959.00	12.00	6,612.00		6,612.00	2,975.40		555.41										
FAU 7053	EB MAINLINE	RT 80+18.00		LT 129+77.00	4,959.00	12.00	6,612.00		6,612.00	2,975.40	4,959.00	555.41										
FAU 7053	EB SHOULDER	RT 83+80.00		RT 99+70.00	1,590.00	4.00	706.67	3.00	706.67	318.00				59.36	14.21							
FAU 7053	** RT TURN LANE	RT 95+15.00		RT 99+70.00	455.00	12.00	606.67		606.67	273.00	455.00	50.96										
FAU 7053	EB SHOULDER	RT 101+25.00		RT 129+77.00	2,352.00	4.00	1,267.56	3.00	1,267.56	570.40				106.47	25.09							
FAU 7053	TEMP RAMP	LT/RT 129+72.00		LT/RT 129+77.00	5.00	32.00							17.78									
NOTE:								FAU 7053 TOTAL =								22,592.00	10,166.40	8,046.50	1,497.55	17.78	400.18	94.51
(*) WIDTH VARIES								PROJECT TOTAL =								24,316.63	10,942.48	8,843.00	1,632.73	49.44	409.86	94.51
(**) MCLANE TRUCKING DECELERATION LANE								USE =								24,317.0	10,943.0	8,843.0	1,633.0	50.0	410.0	95.0

MODEL: Schedule 1 [Sheet]
FILE NAME: c:\pawork\pawork\gossnell\dd0982583\DD570H32-shlschedule.dgn

	USER NAME = Christina.Gosnell	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SCHEDULE OF QUANTITIES PAVING SCHEDULE				F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN -	REVISED -						7053	(38)RS-3	VERMILION	39	10
		CHECKED -	REVISED -						CONTRACT NO. 70H32				
	PLOT DATE = 10/22/2024	DATE -	REVISED -		SCALE:	SHEET 1	OF 6	SHEETS					
				ILLINOIS FED. AID PROJECT									

SCHEDULE OF QUANTITIES

INCIDENTAL HOT-MIX ASPHALT SCHEDULE

ROUTE	STATION	DESCRIPTION	DIM. "A" (FOOT)	AREA (SQ YD)	INCIDENTAL HMA DEPTH (INCH)	X4400196	40800029	40800050
						HOT-MIX ASPHALT SURFACE REMOVAL (SPECIAL)	BITUMINOUS MATERIAL (TACK COAT)	INCIDENTAL HOT-MIX ASPHALT SURFACING
						(SQ YD)	(POUND)	(TON)
FAU 7053	LT 80+47.66	MBTO	3.00	13.70	1.50	13.70	6.17	1.15
FAU 7053	LT 80+80.97	P.E.	6.00	16.57	1.50	16.57	7.46	1.39
FAU 7053	RT 83+19.00	C.E.	10.00	235.10	1.50	235.10	105.80	19.75
FAU 7053	RT 100+44.00	C.E.	10.00	325.60	1.50	325.60	146.52	27.35
FAU 7053	LT 105+22.14	MBTO	3.00	7.90	1.50	7.90	3.56	0.66
FAU 7053	LT 105+45.50	P.E.	6.00	22.67	1.50	22.67	10.20	1.90
FAU 7053	LT 106+52.38	P.E.	6.00	24.90	1.50	24.90	11.21	2.09
FAU 7053	RT 109+47.06	C.E.	26.00	217.56	1.50	217.56	97.90	18.28
FAU 7053	LT 111+28.14	P F	6.00	23.30	1.50	23.30	10.49	1.96
FAU 7053	LT 11163+87.00	MBTO	4.00	17.88	1.50	17.88	8.05	1.50
FAU 7053	LT 112+06.00	P.E.	6.00	25.42	1.50	25.42	11.44	2.14
FAU 7053	RT 116+77.37	C.E.	26.00	170.92	1.50	170.92	76.91	14.36
FAU 7053	LT 119+99.21	MBTO	4.00	12.47	1.50	12.47	5.61	1.05
FAU 7053	LT 120+30.00	P.E.	6.00	25.41	1.50	25.41	11.43	2.13
FAU 7053	LT 126+67.78	C.E.	11.00	118.42	1.50	118.42	53.29	9.95
FAU 7053	RT 126+45.49	MBTO	4.00	16.62	1.50	16.62	7.48	1.40
FAU 7053	RT 126+85.03	P.E.	6.00	27.22	1.50	27.22	12.25	2.29
FAU 7053	LT 128+15.45	C.E.	15.00	141.00	1.50	141.00	63.45	11.84
FAU 7053	LT 128+68.75	MBTO	4.00	12.27	1.50	12.27	5.52	1.03
FAU 7053	RT 128+25.69	P.E.	6.00	23.98	1.50	23.98	10.79	2.01
FAU 7053	RT 128+71.60	MBTO	4.00	22.79	1.50	22.79	10.26	1.91
FAU 7053	LT 129+03.51	C.E.	9.00	47.07	1.50	47.07	21.18	3.95
FAU 7053	LT 129+58.95	KRUGER LANE	21.00	85.66	1.50	85.66	38.55	7.20
Note Dim "A" from EOS					FAU 7053 TOTAL =	1,620.73	729.33	136.14
					PROJECT TOTAL =	1,620.73	729.33	136.14
					USE =	1,621.0	730.0	137.0

MODEL: Schedule 2 (Sheet)
FILE NAME: c:\p\work\proj\proj\082583\DS70H32-ah-schedule.dgn

SCHEDULE OF QUANTITIES

SHORT-TERM PAVEMENT MARKING SCHEDULE

ROUTE	LOCATION	STATION	TO	STATION	LENGTH	SYMBOL	70300100		70300150
							SHORT TERM PAVEMENT MARKING		SHORT TERM PAVEMENT MARKING REMOVAL
					(FOOT)				
					WHITE		YELLOW	(SQ FT)	
FAP 729	MEDIAN	CL 69+59.00		CL 72+09.50	250.50	SKIP DASH		50.10	16.70
FAP 729	EB LT TURN LANE	RT 69+96.50		RT 72+09.50	213.00	SKIP DASH	42.60		14.20
FAP 729	EB LANE	RT 69+96.50		RT 72+24.50	228.00	SKIP DASH	45.60		15.20
FAP 729	SB RT TURN LANE	LT 71+95.00			18.00	STOP BAR	18.00		36.00
FAP 729	EB LT TURN LANE	RT 72+09.50			12.00	STOP BAR	12.00		24.00
FAP 729	EB LANE	RT 72+24.50			12.00	STOP BAR	12.00		24.00
FAP 729	EB RT TURN LANE	RT 72+45.00			18.00	STOP BAR	18.00		36.00
FAP 729	MEDIAN (LYNCH RD)	CL 279+76.40		CL 282+00.00	223.60	SKIP DASH		44.72	14.91
FAP 729	LT TURN LANE (LYNCH RD)	RT 127+50.00		RT 129+20.80	170.80	SKIP DASH	34.16		11.39
FAP 729	SB LT TURN LANE (LYNCH RD)	RT 129+20.80			24.00	STOP BAR	24.00		48.00
					SUB-TOTALS =		206.36	94.82	240.39
					FAP 729 TOTAL =		301.18		240.39

FAU 7053	MEDIAN (LYNCH RD)	CL 127+50.00		CL 129+20.80	170.80	SKIP DASH		34.16	11.39
FAU 7053	LT TURN LANE (LYNCH RD)	LT 279+76.40		LT 282+00.00	223.60	SKIP DASH	44.72		
FAU 7053	NB LT TURN LANE (LYNCH RD)	LT 279+76.40			24.00	STOP BAR	24.00		48.00
FAU 7053	WB RT TURN LANE	LT 72+90.00			18.00	STOP BAR	18.00		36.00
FAU 7053	DOUBLE MEDIAN	CL 73+13.00		CL 80+15.00	702.00	SKIP DASH		140.40	46.80
FAU 7053	LT TURN LANE	LT 73+13.00		LT 75+35.30	222.30	SKIP DASH	44.46		14.82
FAU 7053	WB LT TURN LANE	CL 73+13.00			24.00	STOP BAR	24.00		48.00
FAU 7053	WB LANE	LT 73+13.00		LT 75+35.30	222.30	SKIP DASH	44.46		14.82
FAU 7053	RT TURN LANE	LT 75+35.30			18.00	STOP BAR	18.00		36.00
FAU 7053	MAINLINE	CL 80+15.00		CL 129+77.00	4,962.00	SKIP DASH		992.40	330.80
					SUB-TOTALS =		217.64	1,166.96	586.63
					FAU 7053 TOTAL =		1,384.60		586.63
					PROJECT TOTALS =		1,685.78		827.02
					USE =		1,686.0		828.0

	USER NAME = Bridgette.Plerson	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SCHEDULE OF QUANTITIES				F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
		DRAWN -	REVISED -		SHORT-TERM PAVEMENT MARKING SCHEDULE				7053	(38)RS-3	VERMILION	39	12	
		CHECKED -	REVISED -						CONTRACT NO. 70H32					
	PLOT DATE = 10/17/2024	DATE -	REVISED -		SCALE:				SHEET 3	OF 6 SHEETS	STA.	TO STA.		
									ILLINOIS FED. AID PROJECT					

SCHEDULE OF QUANTITIES

PAVEMENT MARKING SCHEDULE

ROUTE	LOCATION	STATION	TO	STATION	LENGTH (FOOT)	78000200		78011025		78000400	78011035	78000600		78011065	
						THERMOPLASTIC PAVEMENT MARKING - LINE 4"		GROOVING FOR RECESSED PAVEMENT MARKING 5"		THERMOPLASTIC PAVEMENT MARKING - LINE 6"	GROOVING FOR RECESSED PAVEMENT MARKING 7"	THERMOPLASTIC PAVEMENT MARKING - LINE 12"		GROOVING FOR RECESSED PAVEMENT MARKING 13"	
						(FOOT)		(FOOT)		(FOOT)	(FOOT)	(FOOT)		(FOOT)	
						WHITE	YELLOW	WHITE	YELLOW	WHITE	WHITE	WHITE	YELLOW	WHITE	YELLOW
FAP 729	EOP	RT 69+59.00		RT 69+96.50	37.50	37.50		37.50							
FAP 729	EOP	LT 69+59.00		LT 71+32.00	173.00	173.00		173.00							
FAP 729	MEDIAN	CL 69+59.00		CL 72+09.50	250.50		1,002.00		1,002.00				48.00		48.00
FAP 729	LEFT TURN LANE	RT 69+96.50		RT 72+24.50	228.00	228.00		228.00							
FAP 729	MAILINE	RT 69+96.50		RT 71+92.00	195.50	195.50		195.50							
FAP 729	ISLAND	LT 72+01.85		LT 72+24.22	22.37					250.00	250.00	164.00		164.00	
FAP 729	ISLAND	RT 72+19.44		RT 72+44.77	25.33					256.00	256.00	168.00		168.00	
FAP 729	EOP (LYNCH RD)	RT 127+50.00		RT 128+52.00	102.00	102.00		102.00							
FAP 729	LEFT TURN LANE (LYNCH RD)	RT 127+50.00		RT 129+20.80	170.80	170.80		170.80							
FAP 729	MEDIAN (LYNCH RD)	CL 279+76.40		CL 282+00.00	223.60		447.20		447.20						
FAP 729	EOP (LYNCH RD)	RT 280+15.00		RT 282+00.00	185.00	185.00		185.00							
FAP 729 SUB-TOTAL =						1,091.80	1,449.20	1,091.80	1,449.20	506.00	506.00	332.00	48.00	332.00	48.00
FAP 729 TOTAL =						2,541.00		2,541.00		506.00	506.00	380.00		380.00	

FAU 7053	EOP (LYNCH RD)	LT 127+50.00		LT 128+74.00	124.00	124.00		124.00							
FAU 7053	MEDIAN (LYNCH RD)	CL 127+50.00		CL 129+20.80	170.80		341.60		341.60						
FAU 7053	MAINLINE (LYNCH RD)	LT 280+15.90		LT 282+00.00	184.10	184.10		184.10							
FAU 7053	LEFT TURN LANE (LYNCH RD)	LT 279+76.40		LT 282+00.00	223.60	223.60		223.60							
FAU 7053	EOP (LYNCH RD)	LT 280+36.00		LT 282+00.00	164.00	164.00		164.00							
FAU 7053	ISLAND	LT 72+96.08		LT 73+18.13	22.05					232.00	232.00	150.00		150.00	
FAU 7053	LEFT TURN LANE	LT 73+13.00		LT 75+35.30	222.30	222.30		222.30							
FAU 7053	MEDIAN	CL 73+13.00		CL 80+15.00	702.00		2,808.00		2,808.00				140.00		140.00
FAU 7053	ISLAND	RT 73+14.55		RT 73+31.11	16.56					242.00	242.00	194.00		194.00	
FAU 7053	MAINLINE	LT 73+42.00		LT 75+35.30	193.30	193.30		193.30							
FAU 7053	EOP	RT 73+98.00		RT 82+40.00	842.00	842.00		842.00							
FAU 7053	EOP	LT 74+34.00		LT 129+38.00	5,504.00	5,504.00		5,504.00							
FAU 7053	LANE LINE EXT	RT 77+73.60		RT 80+18.00	244.40	81.47		81.47							
FAU 7053	NO PASSING	CL 80+15.00		CL 81+35.00	120.00		240.00		240.00						
FAU 7053	RIGHT TURN LANE	RT 80+18.00		RT 82+80.00	262.00	262.00		262.00							
* FAU 7053	SKIP DASH	CL 81+35.00		CL 129+77.00	4,842.00		1,220.50		1,220.50						
FAU 7053	EOP	RT 83+52.00		RT 99+83.00	1,631.00	1,631.00		1,631.00							
FAU 7053	RIGHT TURN LANE	RT 97+25.00		RT 99+61.00	236.00	236.00		236.00							
* FAU 7053	EOP	RT 101+03.00		RT 129+77.00	2,874.00	2,874.00		2,874.00							
FAU 7053 SUB-TOTAL =						12,541.77	4,610.10	12,541.77	4,610.10	474.00	474.00	344.00	140.00	344.00	140.00
FAU 7053 TOTAL =						17,151.87		17,151.87		474.00	474.00	484.00		484.00	
PROJECT TOTAL =						19,692.87		19,692.87		980.00	980.00	864.00		864.00	
USE =						19,693.0		19,693.0		980.0	980.0	864.0		864.0	

NOTE:
(*) MCLANE TRUCKING DECELERATION LANE

MODEL: Schedule 4 (Sheet)
FILE NAME: c:\paw_work\proj\projcsd\0982583\DS70H32-sh-schedule.dgn

USER NAME = Bridgette,Pierson	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION				SCHEDULE OF QUANTITIES PAVEMENT MARKING SCHEDULE				F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	DRAWN -	REVISED -									7053	(38)RS-3	VERMILION	39	13
	CHECKED -	REVISED -									CONTRACT NO. 70H32				
PLOT DATE = 10/17/2024	DATE -	REVISED -					SCALE:	SHEET 4	OF 6	SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT		

SCHEDULE OF QUANTITIES

PAVEMENT MARKING SCHEDULE, CONT.

ROUTE	LOCATION	STATION	SYMBOL	78000650	78011125	78000100	78011000
				THERMOPLASTIC PAVEMENT MARKING - LINE 24"	GROOVING FOR RECESSED PAVEMENT MARKING 25"	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	GROOVING FOR RECESSED PAVEMENT MARKING LETTERS AND SYMBOLS
				(FOOT)	(FOOT)	(SQ FT)	(SQ FT)
				WHITE	WHITE	WHITE	WHITE
FAP 729	LT TURN LANE	RT 71+89.50	LT ARROW			62.40	73.60
FAP 729	LT TURN LANE	RT 72+09.50	STOP BAR	12.00	12.00		
FAP 729	MAINLINE	RT 72+24.50	STOP BAR	12.00	12.00		
FAP 729	RT TURN LANE	RT 71+89.50	RT ARROW			62.40	73.60
FAP 729	RT TURN LANE	RT 72+38.18	STOP BAR	18.00	18.00		
FAP 729	MAINLINE/ LT TURN LANE (LYNCH RD)	RT 129+20.80	STOP BAR	24.00	24.00		
FAP 729	LT TURN LANE (LYNCH RD)	RT 128+97.80	LT ARROW			46.80	55.20
FAP 729	RIGHT TURN LANE (LYNCH RD)	RT 129+31.95	STOP BAR	18.00	18.00		
FAP 729 SUB-TOTAL =				84.00	84.00	171.60	202.40

FAU 7053	MAINLINE/ LT TURN LANE (LYNCH RD)	LT 280+76.40	STOP BAR	24.00	24.00		
FAU 7053	LT TURN LANE (LYNCH RD)	LT 281+02.50	LT ARROW			46.80	55.20
FAU 7053	RT TURN LANE (LYNCH RD)	LT 279+54.69	STOP BAR	18.00	18.00		
FAU 7053	RT TURN LANE (LYNCH RD)	LT 280+76.60	RT ARROW			46.80	55.20
FAU 7053	MAINLINE/ LT TURN LANE	LT 73+13.00	STOP BAR	24.00	24.00		
FAU 7053	LT TURN LANF	LT 73+30.80	LT ARROW			62.40	73.60
FAU 7053	RT TURN LANE (LYNCH RD)	LT 73+02.90	STOP BAR	18.00	18.00		
FAU 7053	RT TURN LANE	LT 73+30.80	RT ARROW			62.40	73.60
FAU 7053	RT TURN LANE	RT 80+23.00	RT ARROW			62.40	73.60
FAU 7053	RT TURN LANE	RT 81+03.00	RT ARROW			62.40	73.60
FAU 7053	RT TURN LANE	RT 81+83.00	RT ARROW			62.40	73.60
FAU 7053	RT TURN LANE	RT 82+63.00	RT ARROW			62.40	73.60
FAU 7053	RT TURN LANE	RT 97+25.00	RT ARROW			62.40	73.60
FAU 7053	RT TURN LANE	RT 98+05.00	RT ARROW			62.40	73.60
FAU 7053	RT TURN LANE	RT 98+85.00	RT ARROW			62.40	73.60
FAU 7053	RT TURN LANE	RT 99+65.00	RT ARROW			62.40	73.60
FAU 7053 SUB-TOTAL =				84.00	84.00	717.60	846.40
PROJECT TOTALS =				168.00	168.00	889.20	1,048.80
USE =				168.0	168.0	890.0	1,049.0

MODEL: Schedule 5 (Sheet)
FILE NAME: c:\p\work\pilot\projects\0982583\DS70H32-ah-schedule.dgn

SCHEDULE OF QUANTITIES

RRPM SCHEDULE

ROUTE	LOCATION	STATION	TO	STATION	LENGTH (FOOT)	78100100		78300200
						RAISED REFLECTIVE PAVEMENT MARKER		RAISED REFLECTIVE PAVEMENT MARKER REMOVAL
						AMBER	CRYSTAL	
						(EACH)	(EACH)	(EACH)
FAP 729	MEDIAN	CL 69+59.00		CL 72+09.50	250.50	14.00		14.00
FAP 729	RT TURN LANE	RT 69+96.50		RT 72+24.50	223.00		6.00	6.00
FAP 729	LT TURN LANE	RT 69+96.50		RT 72+24.50	223.00		6.00	6.00
FAP 729	LT TURN LANE (LYNCH RD)	LT 127+50.00		LT 129+20.80	170.80		5.00	5.00
FAP 729	MEDIAN (LYNCH RD)	RT 279+76.40		RT 282+00.00	223.60	12.00		12.00
FAP 729 SUB-TOTAL =						26.00	17.00	43.00
FAP 729 TOTAL =						43.00		43.00

FAU 7053	MEDIAN (LYNCH RD)	RT 127+50.00		RT 129+20.80	170.80	10.00		10.00
FAU 7053	LT TURN LANE (LYNCH RD)	LT 279+76.40		LT 282+00.00	223.60		6.00	6.00
FAU 7053	RT TURN LANE (LYNCH RD)	LT 280+15.90		LT 282+00.00	184.10		5.00	5.00
FAU 7053	MEDIAN	CL 73+13.00		CL 80+15.00	702.00	36.00		36.00
FAU 7053	MEDIAN	CL 80+15.00		CL 81+35.00	120.00	6.00		6.00
FAU 7053	LT TURN LANE	LT 73+13.00		LT 75+35.30	222.30		6.00	6.00
FAU 7053	RT TURN LANE	LT 73+13.00		LT 75+35.30	222.30		6.00	6.00
FAU 7053	SKIP DASH	CL 81+35.00		CL 129+77.00	4,842.00	61.00		61.00
FAU 7053	RT TURN LANE	RT 80+18.00		RT 82+80.00	262.00		7.00	7.00
FAU 7053	RT TURN LANE	RT 97+25.00		RT 99+61.00	236.00		6.00	6.00
FAU 7053 SUB-TOTAL =						113.00	36.00	149.00
FAU 7053 TOTAL =						149.00		149.00
TOTAL =						192.00		192.00
USE =						192.0		192.0

SURVEY MARKER VAULT SCHEDULE

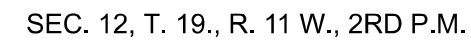
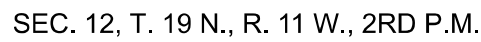
ROUTE	STATION	OFFSET (FOOT)	TYPE	XZ193400
				SURVEY MARKER VAULT
				(EACH)
FAU 7053	129+76.87	LT 2.19	SEC. COR.	1.0
FAU 7053 TOTAL =				1.0
TOTAL =				1.0
USE =				1.0

SURVEY MARKER SCHEDULE

ROUTE	STATION	OFFSET (FOOT)	TYPE	XZ193400
				SURVEY MARKER, TYPE II
				(EACH)
FAP 729	72+70.75	0.00	P.O.T.	1.0
FAP 729 TOTAL =				1.0

FAU 7053	80+97.96	0.00	P.C.	1.0
FAU 7053	90+29.35	LT 5.15	P.I.	1.0
FAU 7053	99+60.67	0.00	P.T.	1.0
FAU 7053	114+18.92	0.00	P.O.T.	1.0
FAU 7053	120+57.52	0.00	P.C.	1.0
FAU 7053	124+95.28	RT 0.88	P.I.	1.0
FAU 7053	129+33.03	0.00	P.T.	1.0
FAU 7053 TOTAL =				9.0
TOTAL =				10.0
USE =				10.0

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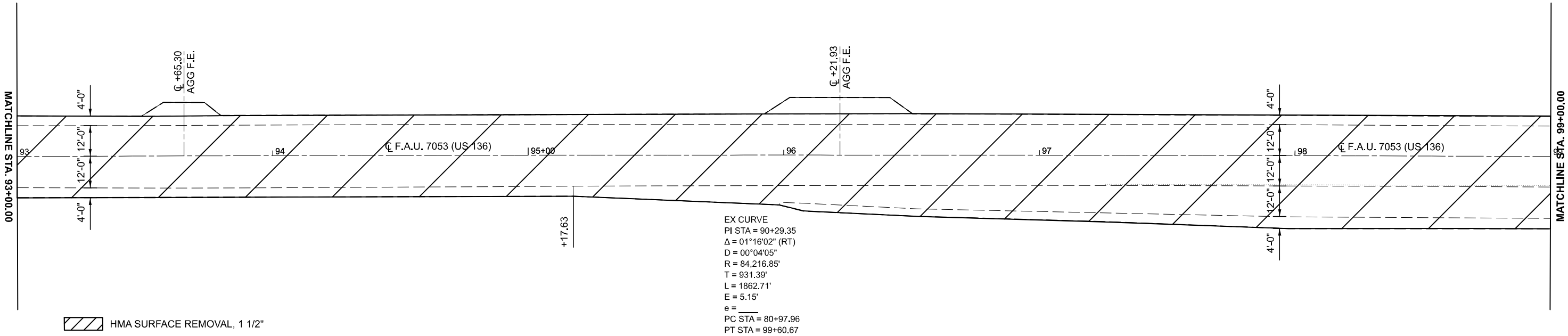


USER NAME = Bridgette.Pierson	DESIGNED -	REVISED -
	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 10/17/2024	DATE -	REVISED -

SCALE: 1"=20'	SHEET 2	OF 6	SHEETS	STA. 81+00.00 R3	TO STA. 93+00.00 R3
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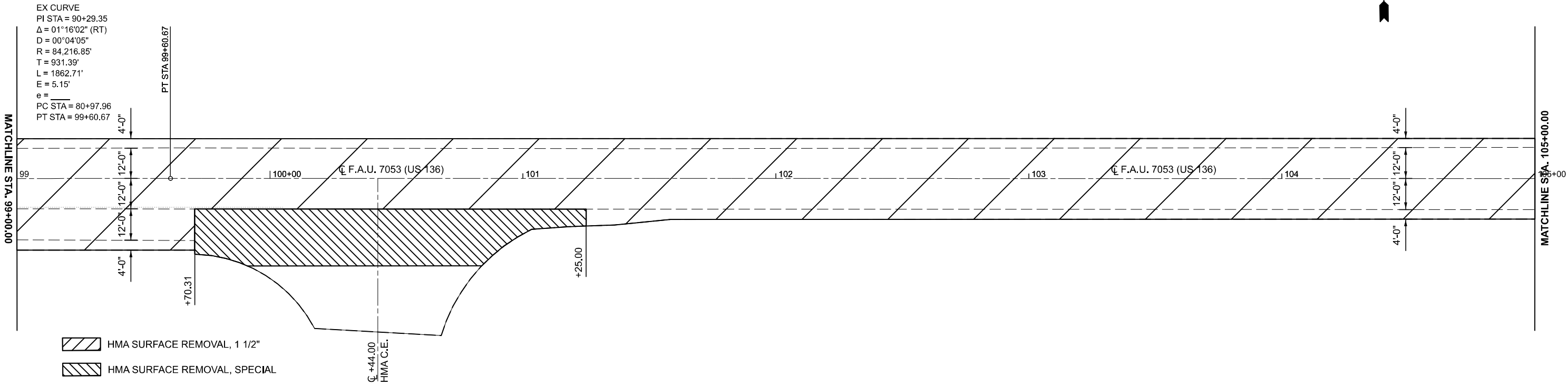
F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7053	(38)RS-3	VERMILION	39	17
		CONTRACT NO. 70H32		
		ILLINOIS	FED. AID PROJECT	

SEC. 6, T. 19N., R. 10 W., 2RD P.M.



SEC. 7, T. 19., R. 10 W., 2RD P.M.

SEC. 6, T. 19N., R. 10 W., 2RD P.M.



SEC. 7, T. 19N., R. 10 W., 2RD P.M.

MODEL: I:\S 136 - US 136 DBL PLN 5 [Sheet]
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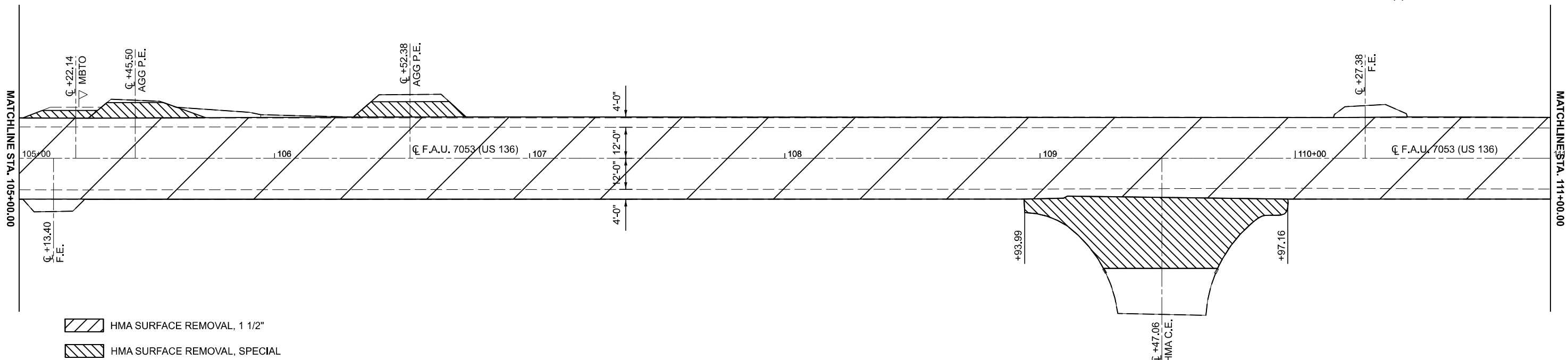
	USER NAME	= Bridgette,Plerson	DESIGNED	-	REVISED	-
			DRAWN	-	REVISED	-
			CHECKED	-	REVISED	-
	PLOT DATE	= 10/17/2024	DATE	-	REVISED	-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCALE: 1"=20' SHEET 3 OF 6 SHEETS STA. 93+00.00 R3 TO STA. 105+00.00 R3

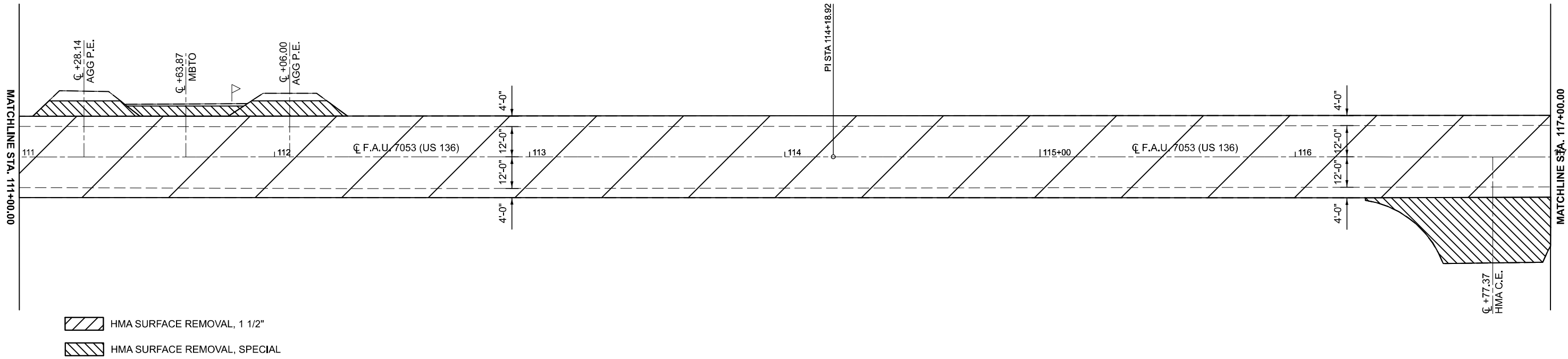
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7053	(38)RS-3	VERMILION	39	18
CONTRACT NO. 70H32				
ILLINOIS FED. AID PROJECT				

SEC. 6, T. 19N., R. 10 W., 2RD P.M.



SEC. 7, T. 19N., R. 10 W., 2RD P.M.

SEC. 6, T. 19N., R. 10 W., 2RD P.M.



SEC. 7, T. 19N., R. 10 W., 2RD P.M.

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

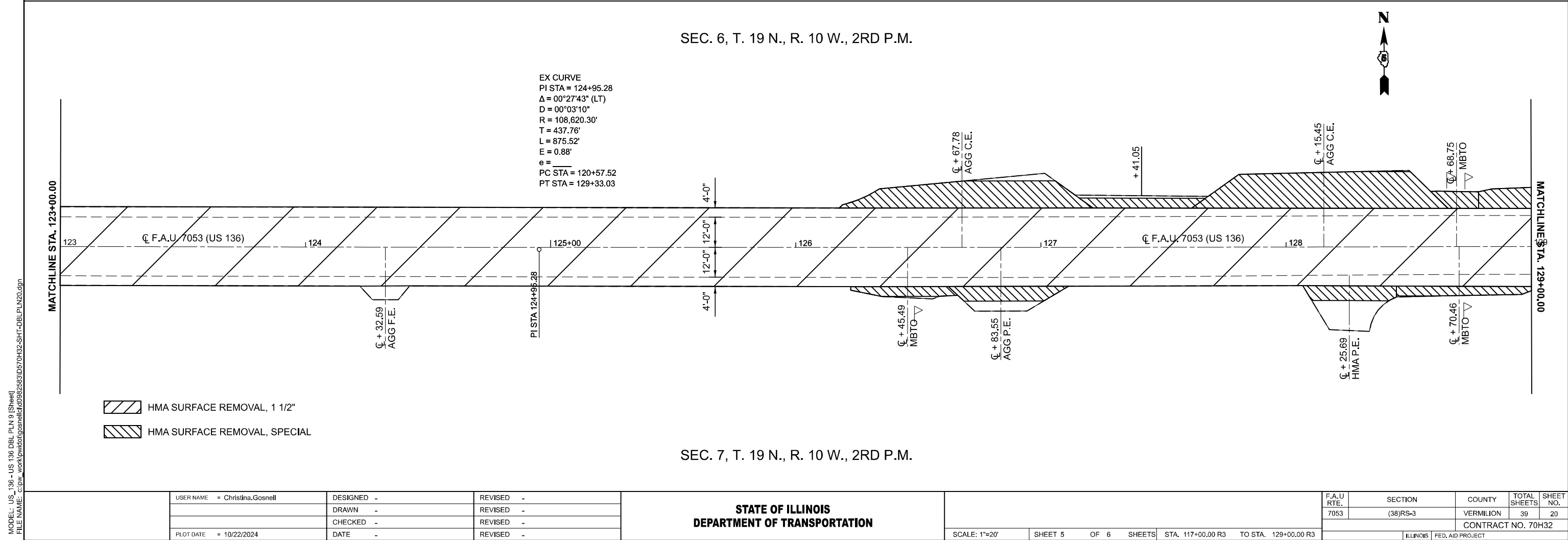
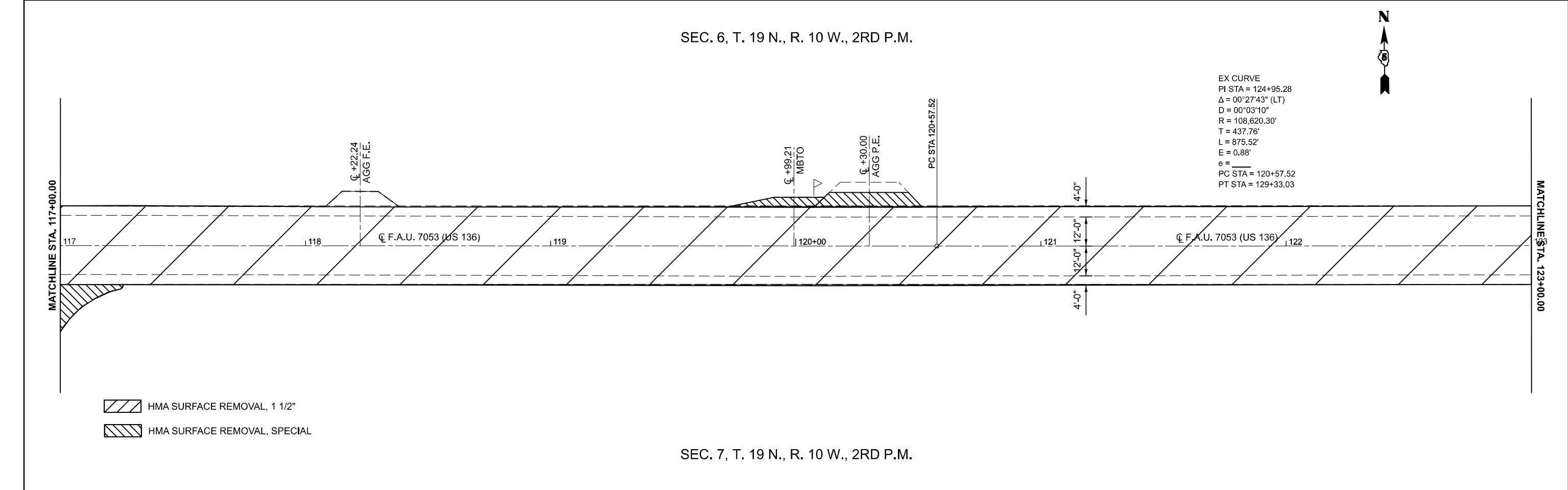
SCALE: 1"=20' SHEET 4 OF 6 SHEETS STA. 105+00.00 R3 TO STA. 117+00.00 R3

F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7053	(38)RS-3	VERMILION	39	19
CONTRACT NO. 70H32				

ILLINOIS FED. AID PROJECT

MODEL: IUS 136 - US 136 DBL PLN 7 [Sheet]
FILE NAME: C:\pwworking\projects\082583\DS70H32-SHT-DBL PLN20.dgn

USER NAME = Bridgette.Pierson	DESIGNED -	REVISED -
	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 10/17/2024	DATE -	REVISED -



SEC. 6, T. 19 N., R. 10W., 2RD P.M.



- HMA SURFACE REMOVAL, 1 1/2"
- HMA SURFACE REMOVAL, SPECIAL

SEC. 7, T. 19 N., R. 10W., 2RD P.M.

MODEL: US 136 - US 136 DBL PLN 11 [Sheet]
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USER NAME	= Bridgette, Pierson	DESIGNED	-	REVISED	-
		DRAWN	-	REVISED	-
		CHECKED	-	REVISED	-
PLOT DATE	= 10/17/2024	DATE	-	REVISED	-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCALE: 1"=20' SHEET 6 OF 6 SHEETS STA. 129+00.00 R3 TO STA. 135+00.00 R3

F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7053	(38)RS-3	VERMILION	39	21
CONTRACT NO. 70H32				
ILLINOIS FED. AID PROJECT				

TYPICAL PAVEMENT MARKING LEGEND

- 1 4" (100) SKIP-DASH (YELLOW)

2 4" (100) SOLID (YELLOW)

3 12" (300) DIAGONAL (YELLOW)

4 4" (100) DOUBLE YELLOW (NARROW)

5 RESERVED

6 RESERVED

7 4" (100) SKIP-DASH (WHITE)
- 8 4" (100) SOLID (WHITE)

9 12" (300) DIAGONAL (WHITE)

10 6" (150) SOLID (WHITE)

11 24" (600) STOP BAR (WHITE)

12 8" (200) SOLID (WHITE)

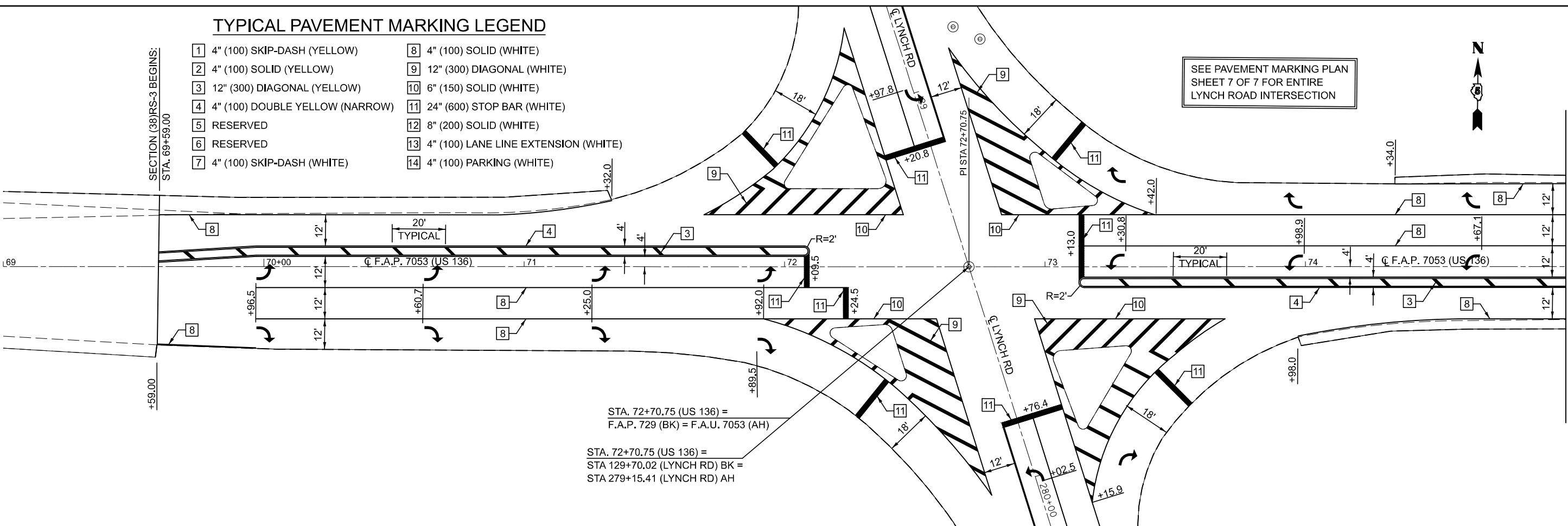
13 4" (100) LANE LINE EXTENSION (WHITE)

14 4" (100) PARKING (WHITE)

SEE PAVEMENT MARKING PLAN
SHEET 7 OF 7 FOR ENTIRE
LYNCH ROAD INTERSECTION



SECTION (38)RS-3 BEGINS:
STA. 69+59.00



TYPICAL PAVEMENT MARKING LEGEND

- 1 4" (100) SKIP-DASH (YELLOW)

2 4" (100) SOLID (YELLOW)

3 12" (300) DIAGONAL (YELLOW)

4 4" (100) DOUBLE YELLOW (NARROW)

5 RESERVED

6 RESERVED

7 4" (100) SKIP-DASH (WHITE)
- 8 4" (100) SOLID (WHITE)

9 12" (300) DIAGONAL (WHITE)

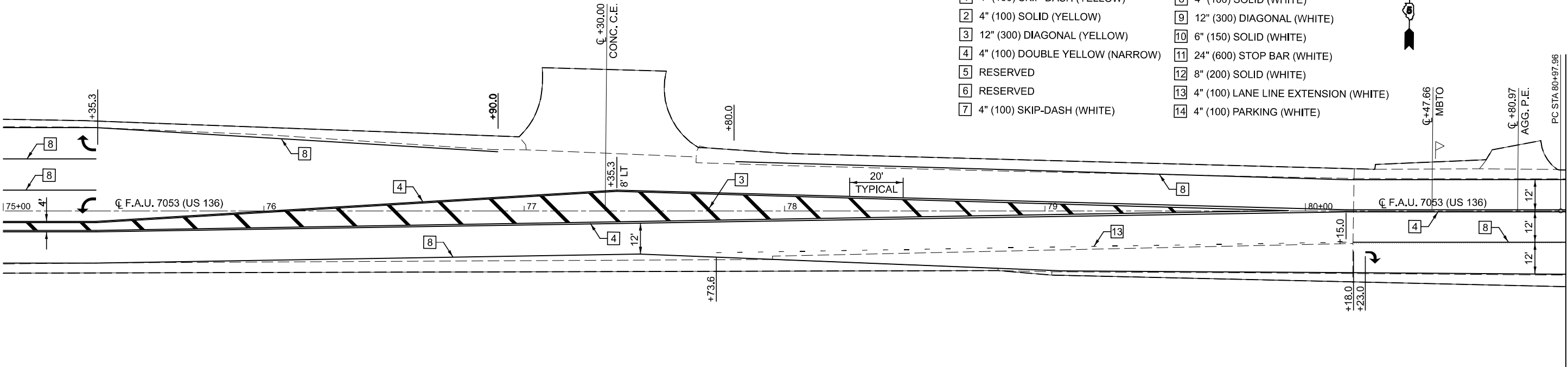
10 6" (150) SOLID (WHITE)

11 24" (600) STOP BAR (WHITE)

12 8" (200) SOLID (WHITE)

13 4" (100) LANE LINE EXTENSION (WHITE)

14 4" (100) PARKING (WHITE)



STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKING PLAN SHEET

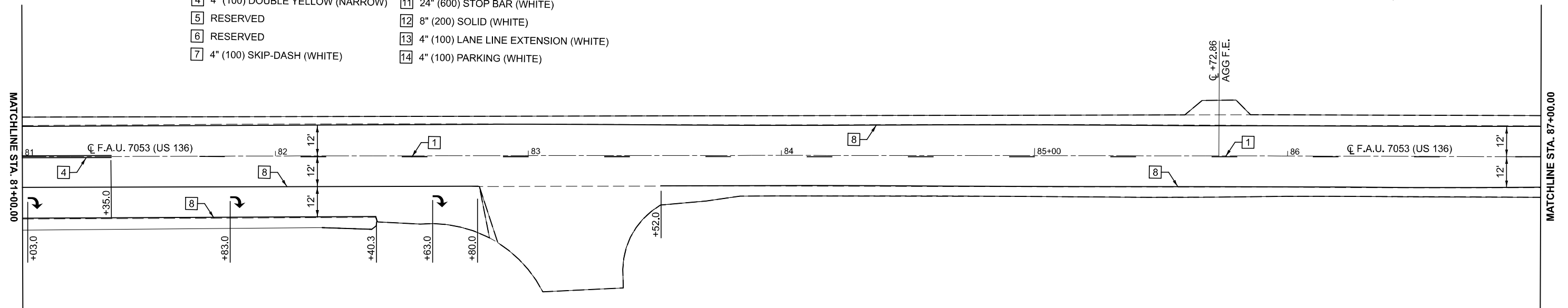
SCALE: 1"=20' SHEET 1 OF 7 SHEETS STA. 69+00.00 R3 TO STA. 81+00.00 R3

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7053	(38)RS-3	VERMILION	39	22
CONTRACT NO. 70H32				
ILLINOIS FED. AID PROJECT				

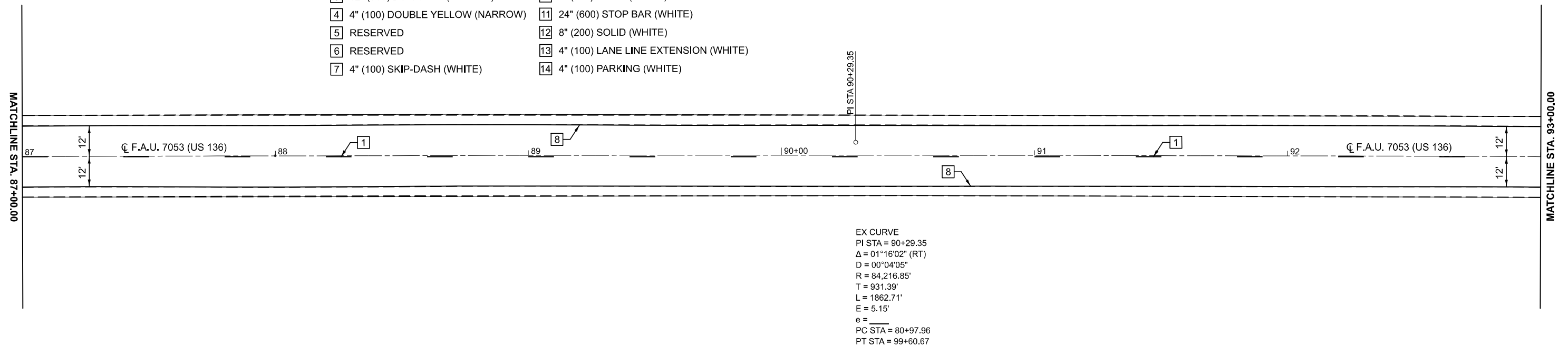
MODEL: Stripping Plan 1 - Stripping Plan 1 [Sheet]
FILE NAME: c:\p\work\pav\td\gosnell\td\0982383\DS70H32-shl-pmk.dgn

USER NAME = Christina.Gosnell	DESIGNED -	REVISED -
	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 10/29/2024	DATE -	REVISED -

- | | | | |
|---|---------------------------------|----|--------------------------------------|
| 1 | 4" (100) SKIP-DASH (YELLOW) | 8 | 4" (100) SOLID (WHITE) |
| 2 | 4" (100) SOLID (YELLOW) | 9 | 12" (300) DIAGONAL (WHITE) |
| 3 | 12" (300) DIAGONAL (YELLOW) | 10 | 6" (150) SOLID (WHITE) |
| 4 | 4" (100) DOUBLE YELLOW (NARROW) | 11 | 24" (600) STOP BAR (WHITE) |
| 5 | RESERVED | 12 | 8" (200) SOLID (WHITE) |
| 6 | RESERVED | 13 | 4" (100) LANE LINE EXTENSION (WHITE) |
| 7 | 4" (100) SKIP-DASH (WHITE) | 14 | 4" (100) PARKING (WHITE) |



- | | | | |
|----------|--|-----------|---|
| 1 | 4" (100) SKIP-DASH (YELLOW) | 8 | 4" (100) SOLID (WHITE) |
| 2 | 4" (100) SOLID (YELLOW) | 9 | 12" (300) DIAGONAL (WHITE) |
| 3 | 12" (300) DIAGONAL (YELLOW) | 10 | 6" (150) SOLID (WHITE) |
| 4 | 4" (100) DOUBLE YELLOW (NARROW) | 11 | 24" (600) STOP BAR (WHITE) |
| 5 | RESERVED | 12 | 8" (200) SOLID (WHITE) |
| 6 | RESERVED | 13 | 4" (100) LANE LINE EXTENSION (WHITE) |
| 7 | 4" (100) SKIP-DASH (WHITE) | 14 | 4" (100) PARKING (WHITE) |

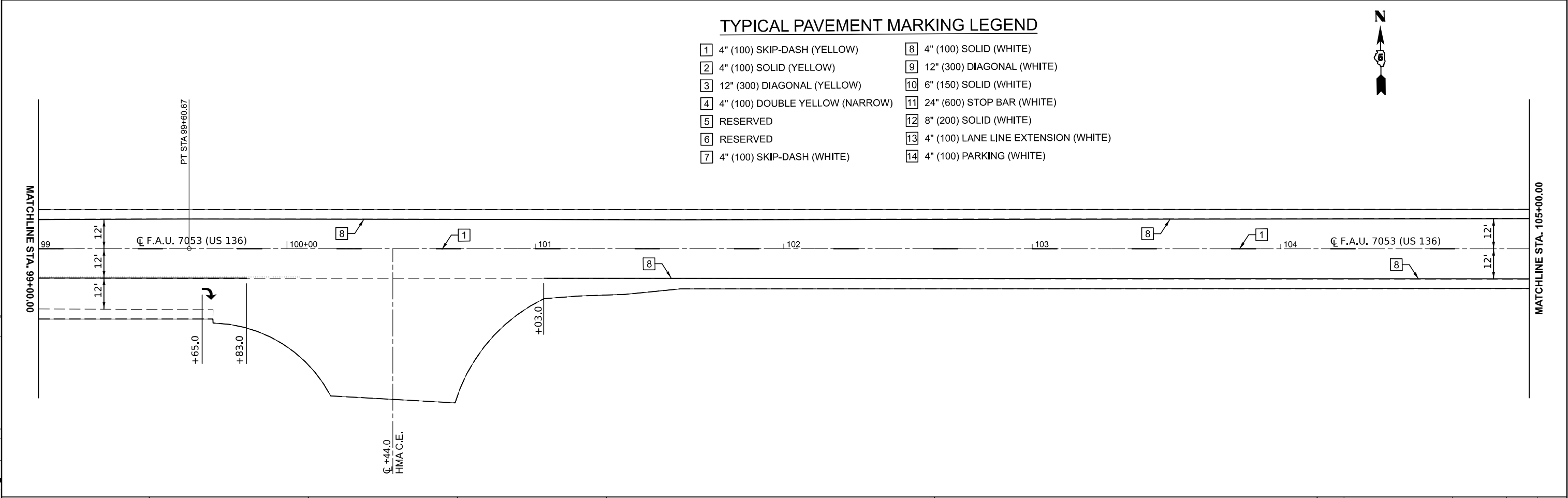
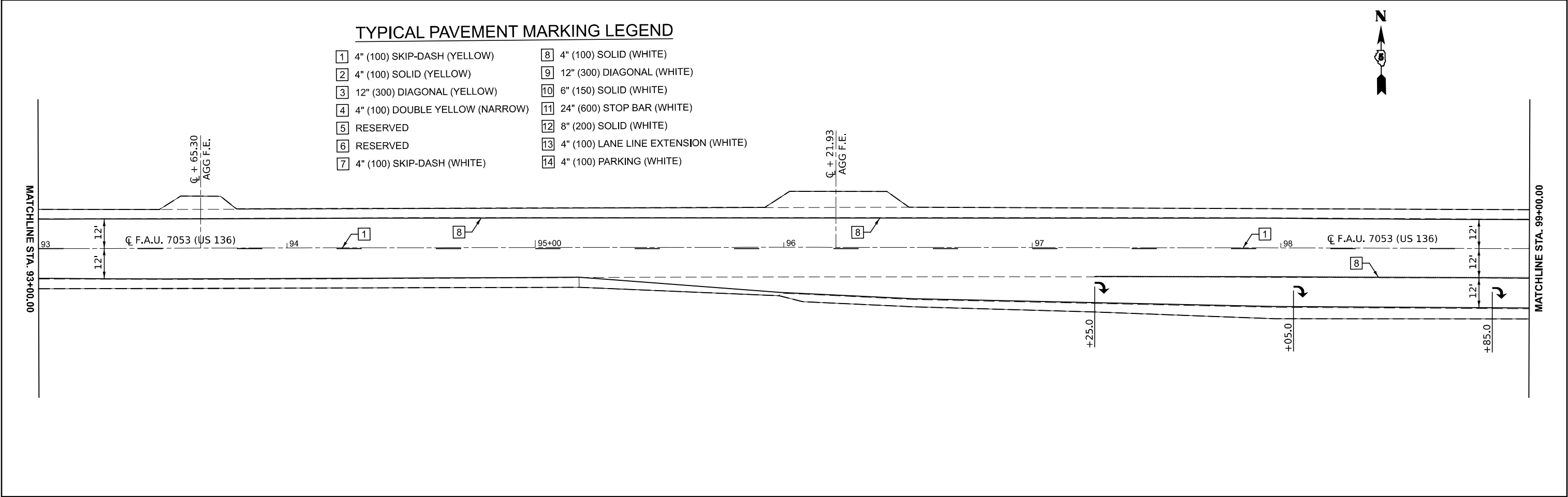


PAVEMENT MARKING PLAN SHEET

F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7053	(38)RS-3	VERMILION	39	23
		CONTRACT NO. 70H32		
ILLINOIS		FED. AID PROJECT		

MODEL: Striping Plan 1 - Striping Plan 3 [Sheet]
FILE NAME: c:\pw_ work\pwidot\gosnell\ld0982583\ld0982583D570H32-sht-pmk.dgn

MODEL: Striping Plan 1 - Striping Plan 5 [Sheet]
FILE NAME: c:\pw\work\pilot\projects\082583\DS70H32-shr-pmk.dgn



	USER NAME = Bridgette,Plerson	DESIGNED -	REVISED -
		DRAWN -	REVISED -
		CHECKED -	REVISED -
	PLOT DATE = 10/17/2024	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKING PLAN SHEET			
SCALE: 1"=20'	SHEET 3	OF 7 SHEETS	STA. 93+00.00 R3 TO STA. 105+00.00 R3

F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7053	(38)RS-3	VERMILION	39	24
CONTRACT NO. 70H32				
ILLINOIS FED. AID PROJECT				

1	4" (100) SKIP-DASH (YELLOW)	8	4" (100) SOLID (WHITE)
2	4" (100) SOLID (YELLOW)	9	12" (300) DIAGONAL (WHITE)
3	12" (300) DIAGONAL (YELLOW)	10	6" (150) SOLID (WHITE)
4	4" (100) DOUBLE YELLOW (NARROW)	11	24" (600) STOP BAR (WHITE)
5	RESERVED	12	8" (200) SOLID (WHITE)
6	RESERVED	13	4" (100) LANE LINE EXTENSION (WHITE)
7	4" (100) SKIP-DASH (WHITE)	14	4" (100) PARKING (WHITE)



1	4" (100) SKIP-DASH (YELLOW)	8	4" (100) SOLID (WHITE)
2	4" (100) SOLID (YELLOW)	9	12" (300) DIAGONAL (WHITE)
3	12" (300) DIAGONAL (YELLOW)	10	6" (150) SOLID (WHITE)
4	4" (100) DOUBLE YELLOW (NARROW)	11	24" (600) STOP BAR (WHITE)
5	RESERVED	12	8" (200) SOLID (WHITE)
6	RESERVED	13	4" (100) LANE LINE EXTENSION (WHITE)
7	4" (100) SKIP-DASH (WHITE)	14	4" (100) PARKING (WHITE)



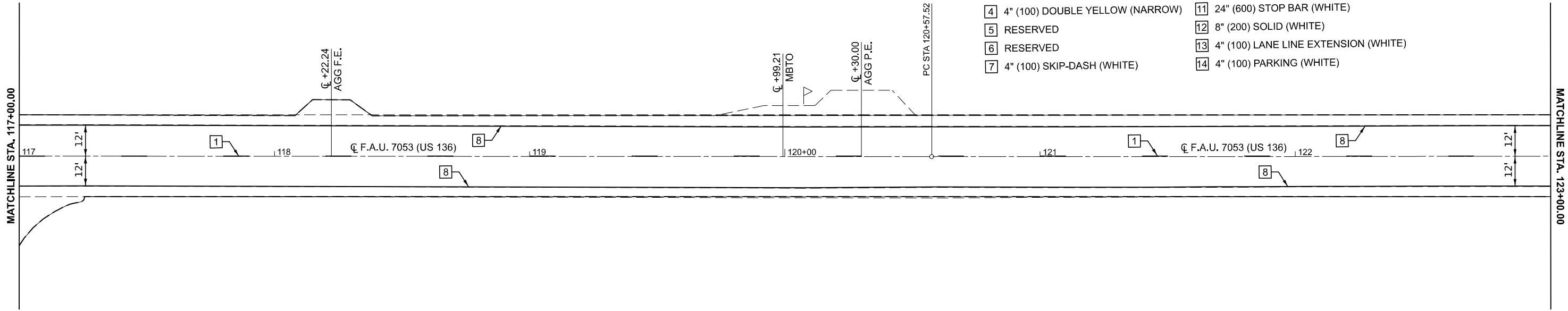
USER NAME = Bridgette.Plerson	DESIGNED -	REVISED -
	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 10/17/2024	DATE -	REVISED -

PAVEMENT MARKING PLAN SHEET

SCALE: 1"=20'	SHEET 4	OF 7	SHEETS	STA. 105+00.00 R3	TO STA. 117+00.00 R3
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F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7053	(38)RS-3	VERMILION	39	25
		CONTRACT NO. 70H32		
ILLINOIS		FED. AID PROJECT		

MODEL: Stripping Plan 1 - Stripping Plan 9 [Sheet]
FILE NAME: c:\p\work\pav\road\projects\082583\DS70H32-shr-pmk.dgn



TYPICAL PAVEMENT MARKING LEGEND

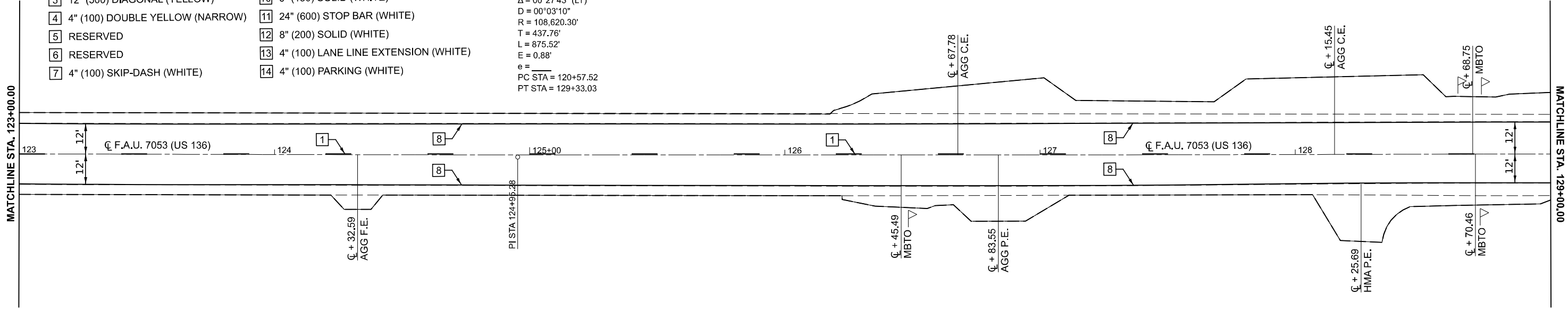
- | | |
|-----------------------------------|---|
| 1 4" (100) SKIP-DASH (YELLOW) | 8 4" (100) SOLID (WHITE) |
| 2 4" (100) SOLID (YELLOW) | 9 12" (300) DIAGONAL (WHITE) |
| 3 12" (300) DIAGONAL (YELLOW) | 10 6" (150) SOLID (WHITE) |
| 4 4" (100) DOUBLE YELLOW (NARROW) | 11 24" (600) STOP BAR (WHITE) |
| 5 RESERVED | 12 8" (200) SOLID (WHITE) |
| 6 RESERVED | 13 4" (100) LANE LINE EXTENSION (WHITE) |
| 7 4" (100) SKIP-DASH (WHITE) | 14 4" (100) PARKING (WHITE) |



TYPICAL PAVEMENT MARKING LEGEND

- | | |
|-----------------------------------|---|
| 1 4" (100) SKIP-DASH (YELLOW) | 8 4" (100) SOLID (WHITE) |
| 2 4" (100) SOLID (YELLOW) | 9 12" (300) DIAGONAL (WHITE) |
| 3 12" (300) DIAGONAL (YELLOW) | 10 6" (150) SOLID (WHITE) |
| 4 4" (100) DOUBLE YELLOW (NARROW) | 11 24" (600) STOP BAR (WHITE) |
| 5 RESERVED | 12 8" (200) SOLID (WHITE) |
| 6 RESERVED | 13 4" (100) LANE LINE EXTENSION (WHITE) |
| 7 4" (100) SKIP-DASH (WHITE) | 14 4" (100) PARKING (WHITE) |

EX CURVE
PI STA = 124+95.28
 $\Delta = 00^{\circ}27'43"$ (LT)
D = $00^{\circ}03'10"$
R = 108,620.30'
T = 437.76'
L = 875.52'
E = 0.88'
e = _____
PC STA = 120+57.52
PT STA = 129+33.03



	USER NAME = Bridgette,Plerson	DESIGNED -	REVISED -
		DRAWN -	REVISED -
		CHECKED -	REVISED -
	PLOT DATE = 10/17/2024	DATE -	REVISED -

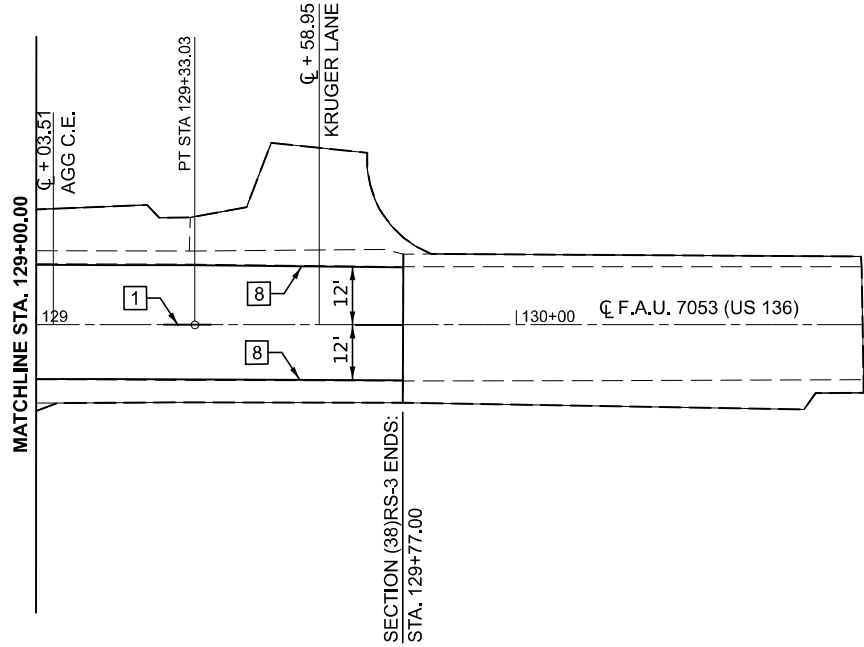
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKING PLAN SHEET

SCALE: 1"=20' SHEET 5 OF 7 SHEETS STA. 117+00.00 R3 TO STA. 129+00.00 R3

F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7053	(38)RS-3	VERMILION	39	26
CONTRACT NO. 70H32				
		ILLINOIS	FED. AID PROJECT	

MODEL: Stripping Plan 1 - Stripping Plan 11 [Sheet]
FILE NAME: c:\p\work\pilot\projects\0682583\0570H32-shr-pmk.dgn



TYPICAL PAVEMENT MARKING LEGEND

- 1

4" (100) SKIP-DASH (YELLOW)
- 2

4" (100) SOLID (YELLOW)
- 3

12" (300) DIAGONAL (YELLOW)
- 4

4" (100) DOUBLE YELLOW (NARROW)
- 5

RESERVED
- 6

RESERVED
- 7

4" (100) SKIP-DASH (WHITE)

8

4" (100) SOLID (WHITE)

9

12" (300) DIAGONAL (WHITE)

10

6" (150) SOLID (WHITE)

11

24" (600) STOP BAR (WHITE)

12

8" (200) SOLID (WHITE)

13

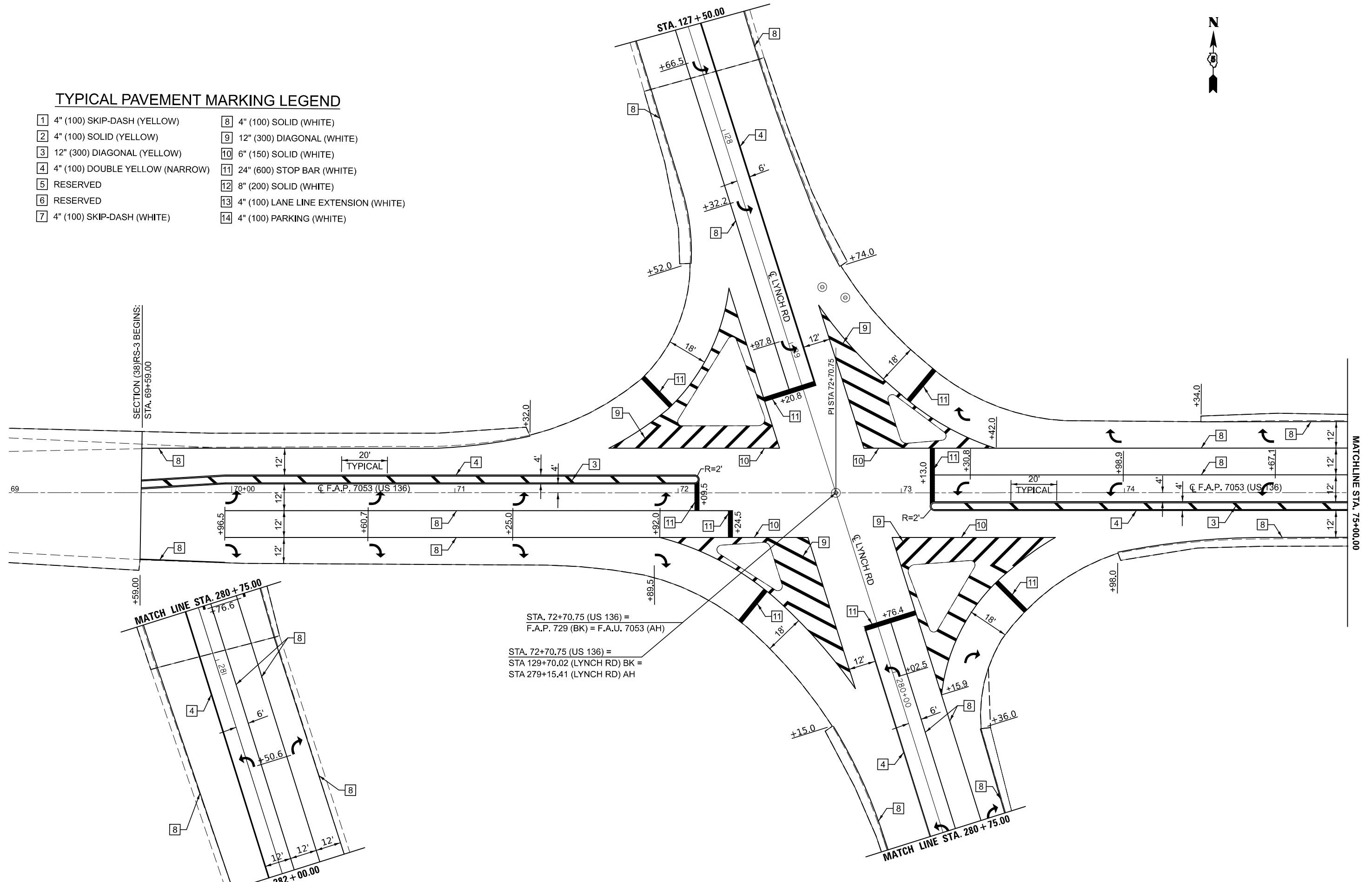
4" (100) LANE LINE EXTENSION (WHITE)

14

4" (100) PARKING (WHITE)

TYPICAL PAVEMENT MARKING LEGEND

- | | | | |
|---|---------------------------------|----|--------------------------------------|
| 1 | 4" (100) SKIP-DASH (YELLOW) | 8 | 4" (100) SOLID (WHITE) |
| 2 | 4" (100) SOLID (YELLOW) | 9 | 12" (300) DIAGONAL (WHITE) |
| 3 | 12" (300) DIAGONAL (YELLOW) | 10 | 6" (150) SOLID (WHITE) |
| 4 | 4" (100) DOUBLE YELLOW (NARROW) | 11 | 24" (600) STOP BAR (WHITE) |
| 5 | RESERVED | 12 | 8" (200) SOLID (WHITE) |
| 6 | RESERVED | 13 | 4" (100) LANE LINE EXTENSION (WHITE) |
| 7 | 4" (100) SKIP-DASH (WHITE) | 14 | 4" (100) PARKING (WHITE) |



MODEL: US_136 - Intersection Striping Plan 1 [Sheet]
FILE NAME: c:\pw_work\pwwork\projects\0982583\ID570H32-sht-pmk.dgn

USER NAME = Bridgette, Pierson	SIGNED -	REVISED -
	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 10/17/2024	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKING PLAN SHEET

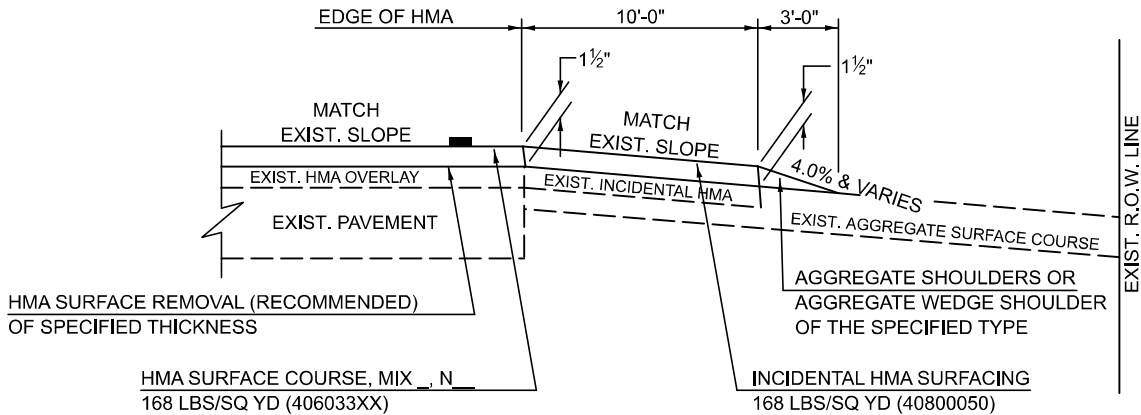
LYNCH RD INTERSECTION DETAIL

SCALE: 1"=20'	SHEET 7	OF 7	SHEETS	STA. 69+00.00 R3	TO STA. 75+00.00 R3
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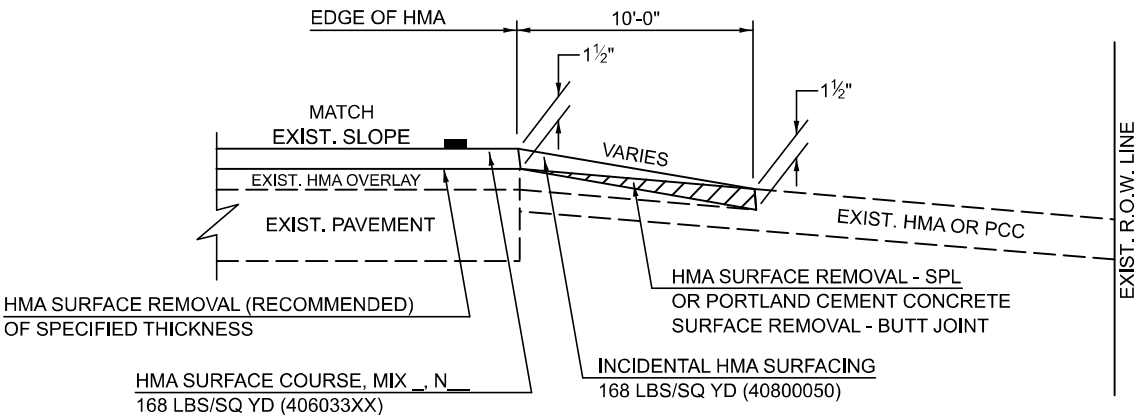
F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7053	(38)RS-3	VERMILION	39	28
		CONTRACT NO. 70H32		
		ILLINOIS	FED. AID PROJECT	

PROJECTS WITHOUT RECONSTRUCTION

S.M.A.R.T. IMPROVEMENTS
(POLICY RESURFACING; BDE 53-4.03; 1½"

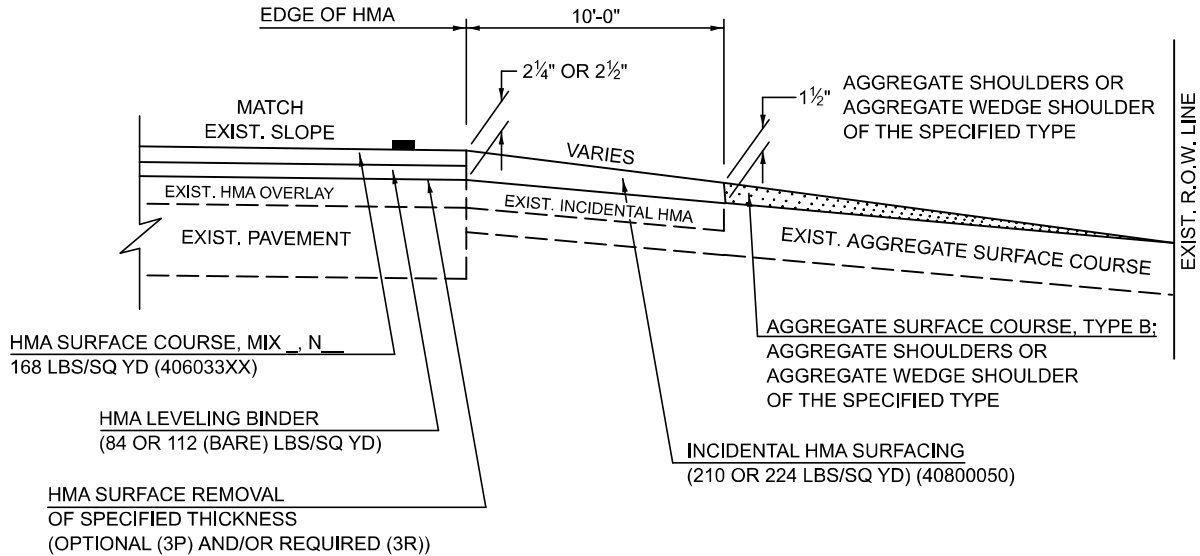


EXISTING AGGREGATE ENTRANCE

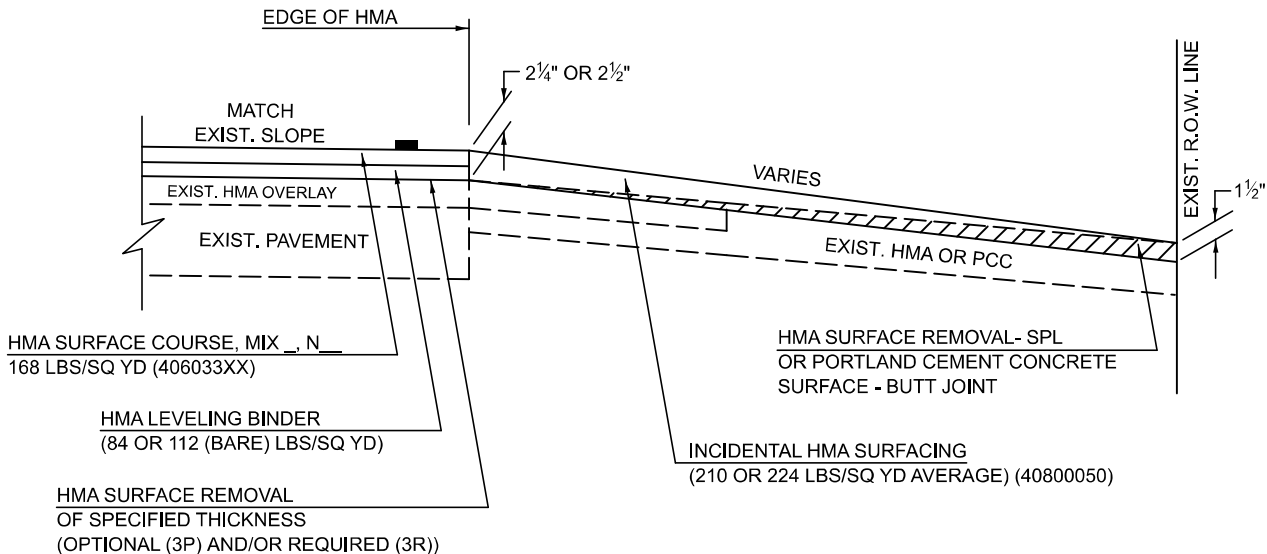


EXISTING HMA OR PCC ENTRANCE

"3P" OR "3R" IMPROVEMENTS
(POLICY RESURFACING; BDE 53-4.02; 2¼" OR 2½" ON BARE CONCRETE)



EXISTING AGGREGATE ENTRANCE



EXISTING HMA OR PCC ENTRANCE

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

D|STR|CT 5 DETA|L NO. 40800050C

F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7053	(38)RS-3	VERMILION	39	29
		CONTRACT NO. 70H32		
		JULIUS & EDDIE PROJECT		

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PRIVATE COMMERCIAL ENTRANCES (NONCOMMERCIAL AND COMMERCIAL RURAL)

SCALE:	SHEET 1	OF 2	SHEETS	STA.	TO STA.
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MODEL: 40800050C Sheet 1 [Sheet]
FILE NAME: c:\pw work\pwidot\projects\d0982583\D570H32-Sht-Detail 40800050C.dgn

(3R IMPROVEMENTS)



1. THE EXISTING SURFACE SHALL BE PREPARED IN ACCORDANCE WITH SECTION 408 OF THE STANDARD SPECIFICATIONS.
2. ANY NECESSARY WORK BEHIND THE HMA SHOULDER OR THE INCIDENTAL HMA SURFACING SHALL BE AS SHOWN IN THE PLANS AND/OR AS DIRECTED BY THE ENGINEER.
3. EARTH EXCAVATION REQUIRED FOR THE CONSTRUCTION OF THE AGGREGATE SURFACE COURSE SHALL BE INCLUDED IN THE COST OF AGGREGATE SURFACE COURSE.
4. AGGREGATE BASE COURSE, TYPE B, 6" (150 mm) MIN. SHALL BE USED WHERE IN THE OPINION OF THE ENGINEER THERE IS NOT SUFFICIENT BASE MATERIAL FOR THE PROPOSED ENTRANCES. THIS MATERIAL SHALL GENERALLY BE USED TO WIDEN ANY EXISTING RETURN OR TO CONSTRUCT NEW ENTRANCES WHERE NONE NOW EXISTS.
5. THE AGGREGATE BASE COURSE SHALL BE CONSTRUCTED 12" (300 mm) WIDER THAN THE SURFACE DIMENSIONS AS SHOWN ABOVE.
6. EXISTING FIELD ENTRANCES OF AGGREGATE OR EARTH WITH NO HMA APRON SHALL NOT RECEIVE A NEW HMA APRON WITHOUT PROPER APPROVAL THROUGH THE BUREAU OF OPERATIONS "POLICY ON PERMITS FOR ACCESS DRIVEWAYS TO STATE HIGHWAYS".
7. TO ASSURE APPROPRIATE ACCESS POLICIES ARE FOLLOWED ALL NEW ACCESS SHALL BE APPLIED FOR THROUGH THE BUREAU OF OPERATIONS PERMIT APPLICATION PROCESS. PLAN PREPARATION MEMORANDUMS 40-09 ALONG WITH DISTRICT PROJECT IMPLEMENTATION MEMO 104/01 DISCUSS THIS PROCEDURE.

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

F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7053	(38)RS-3	VERMILION	39	30
		CONTRACT NO. 70H32		
ILLINOIS		FED. AID PROJECT		

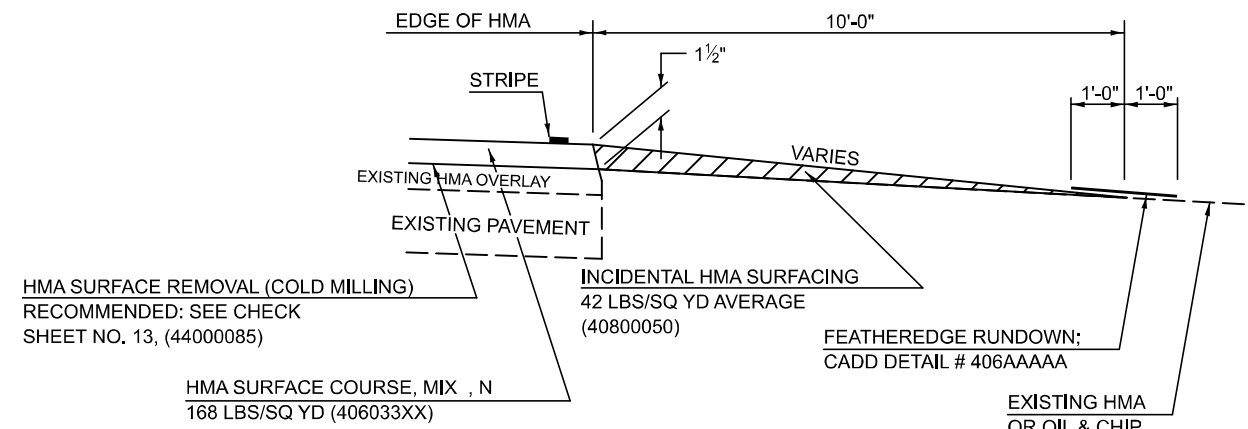
**PRIVATE COMMERCIAL ENTRANCES
(NONCOMMERCIAL AND COMMERCIAL RURAL)**

SCALE:	SHEET 2	OF 2	SHEETS	STA.	TO STA.
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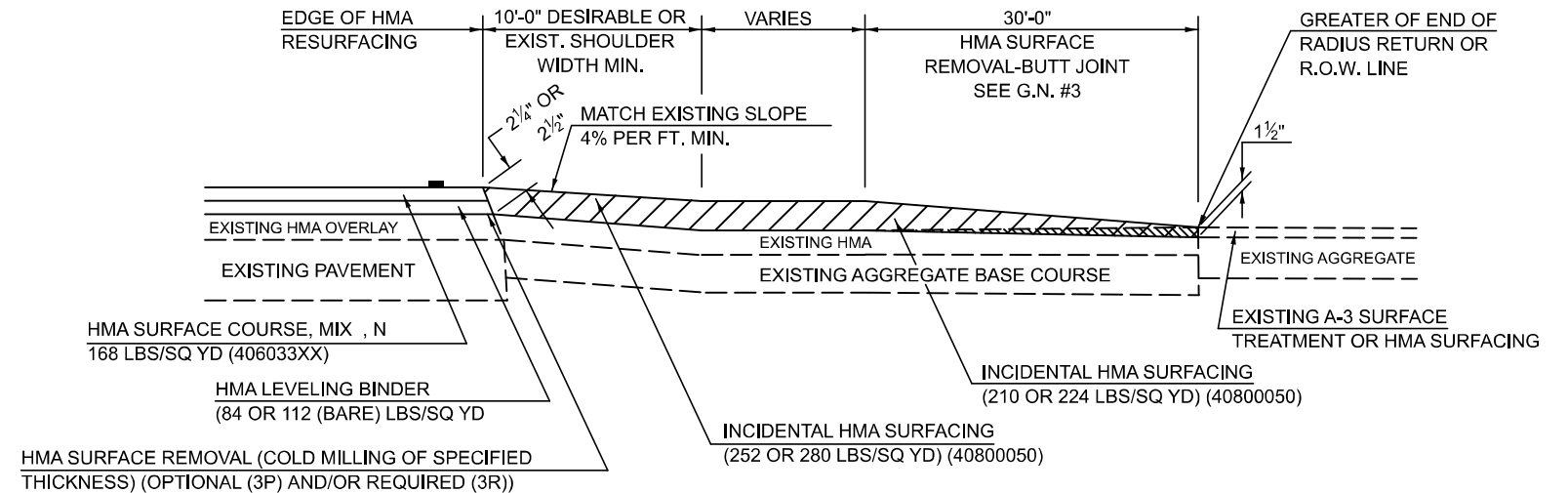
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PROJECTS WITHOUT RECONSTRUCTION

S.M.A.R.T. IMPROVEMENTS
(ALSO CONTRACT MAINTENANCE)



"3P" OR "3R" IMPROVEMENTS

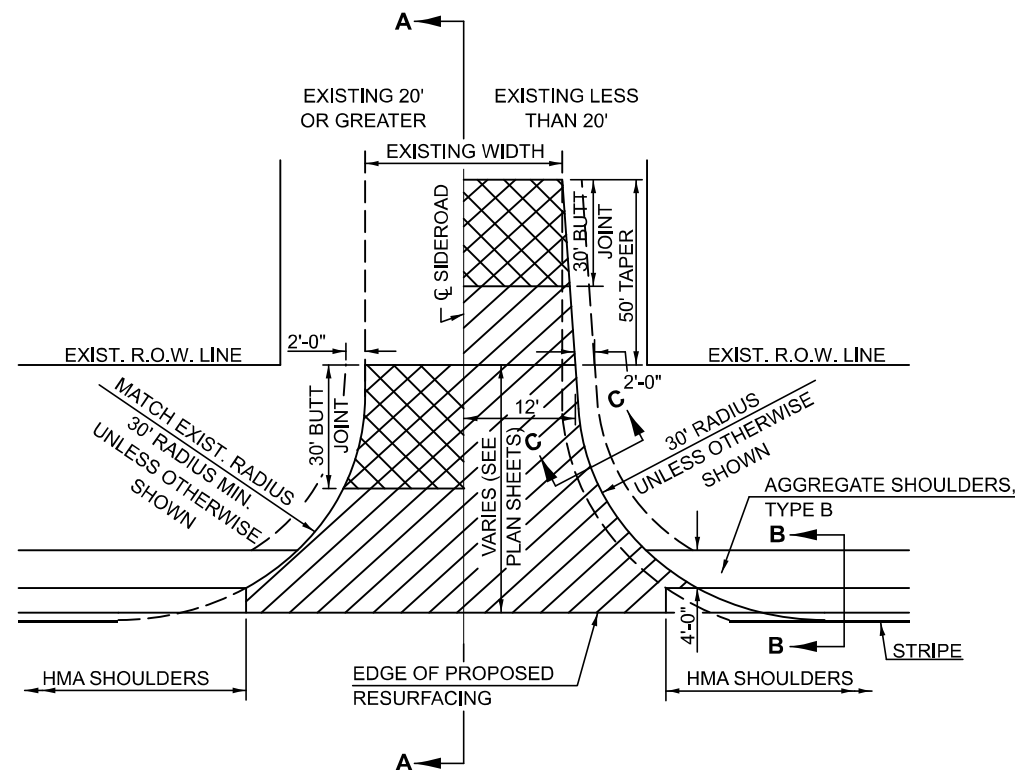


GENERAL NOTES

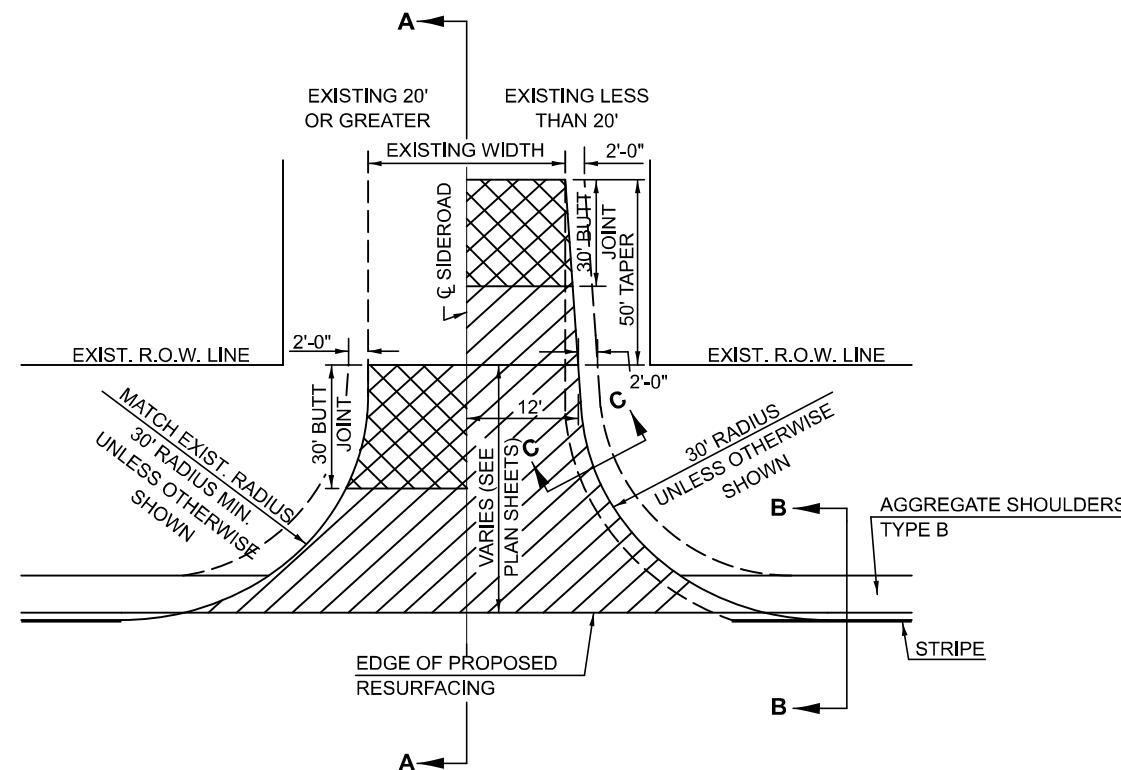
1. THE EXISTING SURFACE SHALL BE PREPARED IN ACCORDANCE WITH SECTION 408 OF THE STANDARD SPECIFICATIONS
2. PROPOSED SIDEROAD GRADES SHALL BE AS SHOWN IN THE PLANS AND/OR AS DIRECTED BY THE ENGINEER.
3. MAJOR SIDEROAD/SIDESTREETS (>400 ADT) SHALL HAVE "BUTT JOINTS" CONSTRUCTED WHETHER THE EXISTING ENTRANCE IS HMA OR PCC. MINOR SIDEROAD/SIDESTREETS (<400 ADT) SHALL HAVE "FEATHEREDGE RUNDOWNS".
4. AGGREGATE BASE COURSE, TYPE B OF THE THICKNESS SPECIFIED IN THE PLANS 6" MIN. SHALL BE USED WHERE IN THE OPINION OF THE ENGINEER THERE IS NOT 6" EXISTING BASE MATERIAL FOR THE PROPOSED SIDEROAD RETURNS. THIS MATERIAL SHALL BE USED TO WIDEN SIDEROAD RETURNS.
5. THE AGGREGATE BASE COURSE SHALL BE CONSTRUCTED 1' WIDER THAN THE SURFACE DIMENSIONS.
6. AGGREGATE SHOULDERS, TYPE B WILL BE WRAPPED AROUND THE SIDEROAD RETURNS. TAPER WIDTH FROM 4' ALONG MAINLINE TO 2' AT BACK OF RETURN.

PROJECTS WITH RECONSTRUCTION
("3R" IMPROVEMENTS)

WITH HMA SHOULDER



WITHOUT HMA SHOULDER



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

D|STR|CT 5 DETA|L NO. 408000AA

F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7053	(38)RS-3	VERMILION	39	31
		CONTRACT NO. 70H32		
		ILLINOIS FED. AID PROJECT		

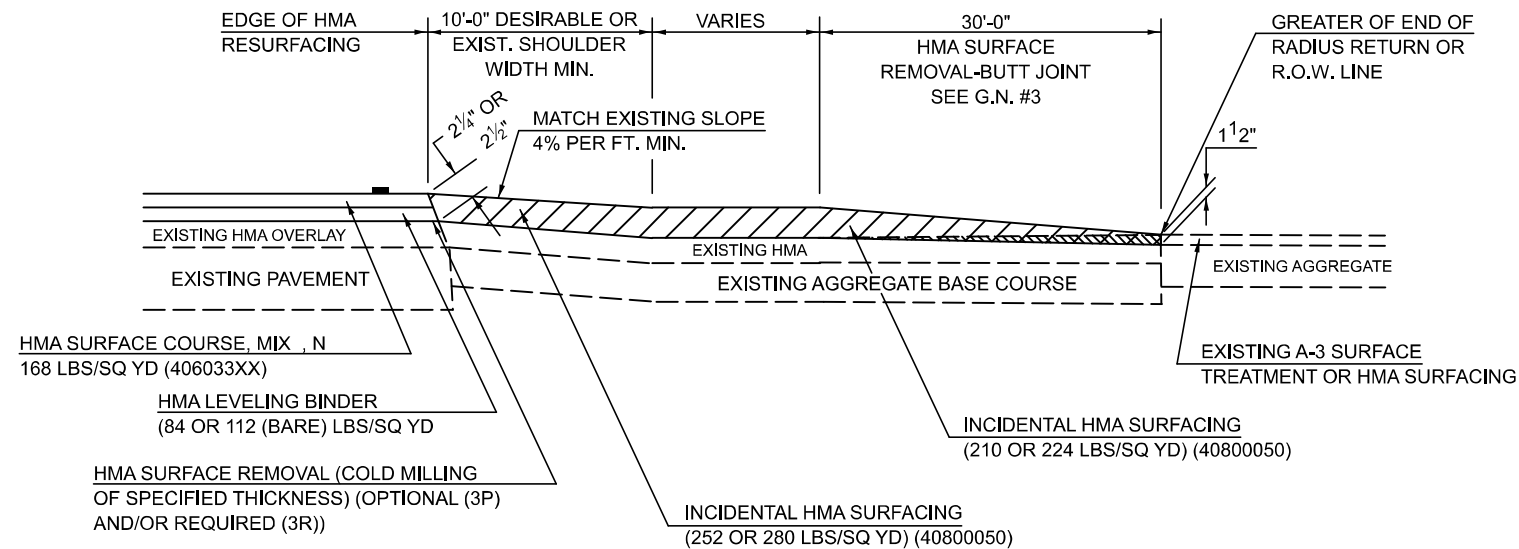
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SIDEROAD & SIDESTREETS (RURAL)

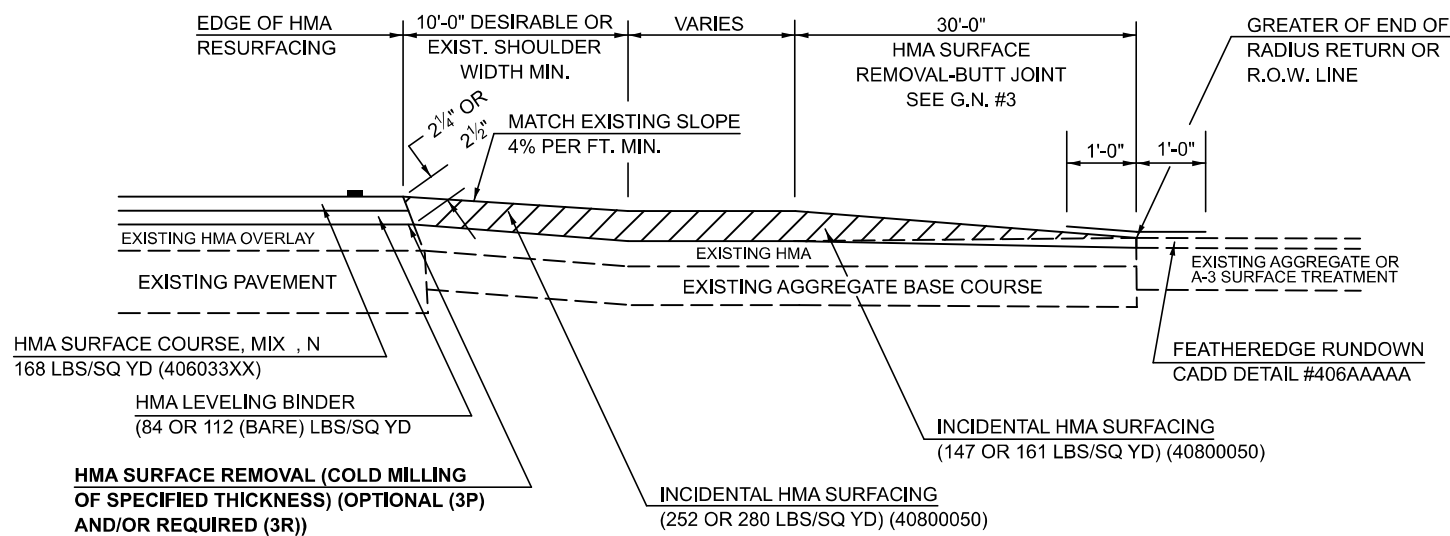
SCALE:	SHEET 1	OF 2	SHEETS	STA.	TO STA.
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MODEL: 408000AA Sheet 1 [Sheet]
FILE NAME: c:\pw_work\pwwork\projects\40982583\408000AA-Sht-Detail_408000AA.dgn

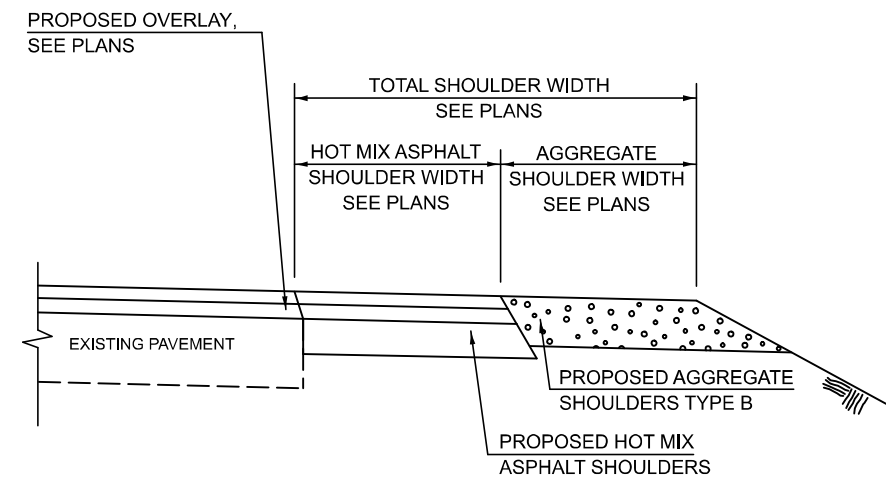
SECTION A-A
EXISTING HMA OR PCC SIDEROAD (>400 ADT)



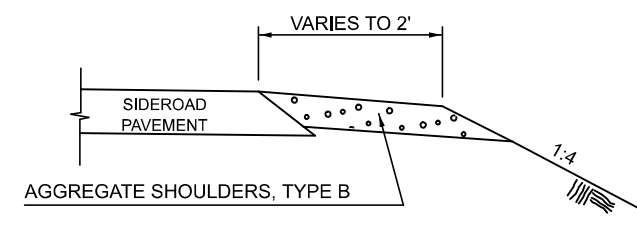
SECTION A-A
EXISTING AGGREGATE OR SEAL COAT SIDEROAD (<400 ADT)



RURAL SIDEROAD DESIGN STANDARDS (PPM 40-06)										
	New Construction & 3R (Existing Width Less Than 20 ft)			3R (Existing Width 20 ft or Greater) & 3P			SMART & Contract Maintenance			
DESIGN ELEMENT	min.	des.	max.	min.	des.	max.	min.	des.	max.	
SURFACE WIDTH (FT); (Measured at end of radius or row line; greatest distance from edge of traveled way)	24	24	Coordinate with Geometrics Engineer	Resurface existing configuration to completion of radius return or row line; greatest distance from edge of traveled way; major sideroads (> 400 adt) shall have "butt joints" constructed whether the entrance is hma or pcc; minor sideroads (< 400 adt) shall have "featheredge rundown" as shown in district cadd detail 406AAAA			Resurface existing configuration with the completion of a 10 ft. featheredge rundown for ALL sideroads as shown in district cadd detail 406AAAA			
RADIUS (FT)	30	30								
SHOULDER WIDTH (FT)	4	8								10
SHOULDER SLOPE (%)	2	4								12
ENTRANCE GRADE (%)	1	1 to 4								4
BREAKOVER (%)	0	5								10
SIDE SLOPE (FT)	1:10	1:6								1:4
INTERSECTION ANGLE	60	75 to 90								
SURFACE TYPE										
INCIDENTAL HMA SURFACING (INCH)	4			taper from 2 1/4" to 1 1/2" or featheredge			taper from 1 1/2" to featheredge			
AGGREGATE BASE COURSE, TYPE A (INCH)	8	4		if applicable use item: 35800100 Preparation of Base						
PCC PAVEMENT (INCH)		8								



SECTION B-B
MAINLINE SHOULDER TREATMENT



SECTION C-C
SIDEROAD SHOULDER TREATMENT

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

DISTRICT 5 DETAIL NO. 40800AA				
F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7053	(38)RS-3	VERMILION	39	32
CONTRACT NO. 70H32				
UNIMPROVED AID PROJECT				

USER NAME = Justin.Cearlock	DESIGNED -	REVISED - 12/06 TJB
	DRAWN -	REVISED - 09/07 KAG
	CHECKED -	REVISED - 12/09 KJT
PLOT DATE = 10/21/2024	DATE -	REVISED -

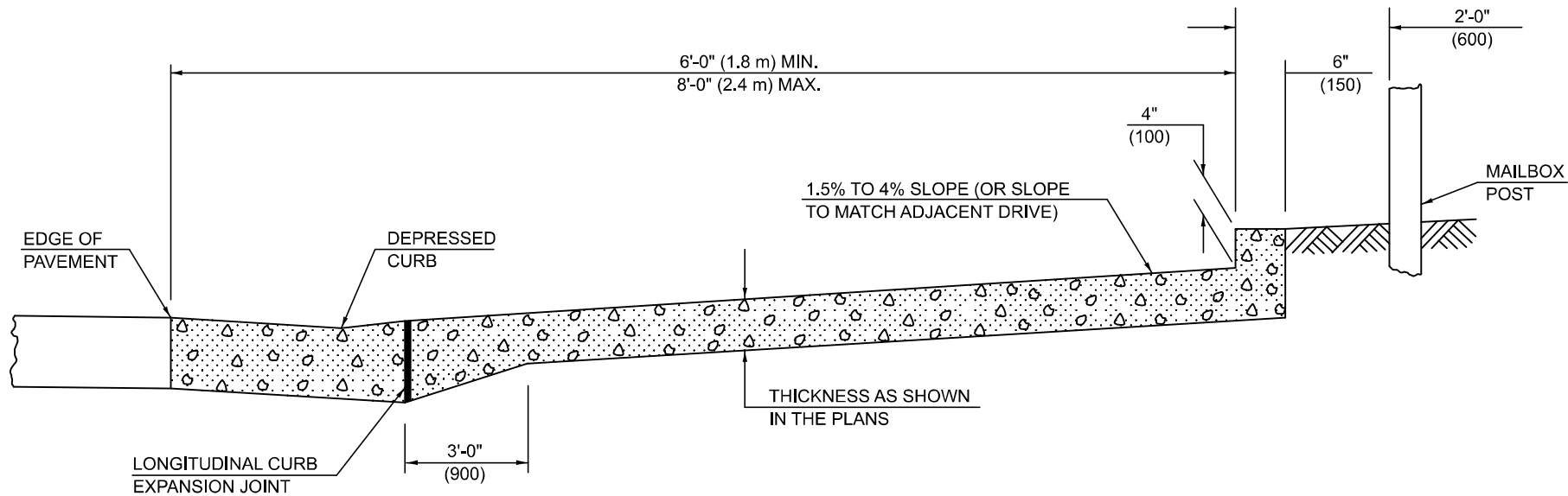
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SIDEROAD & SIDESTREETS (RURAL)

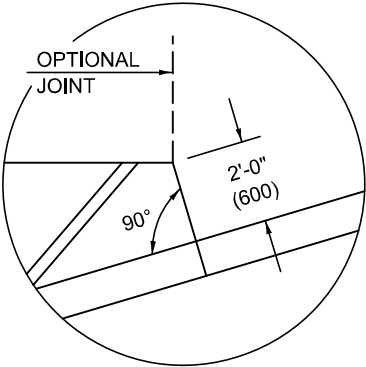
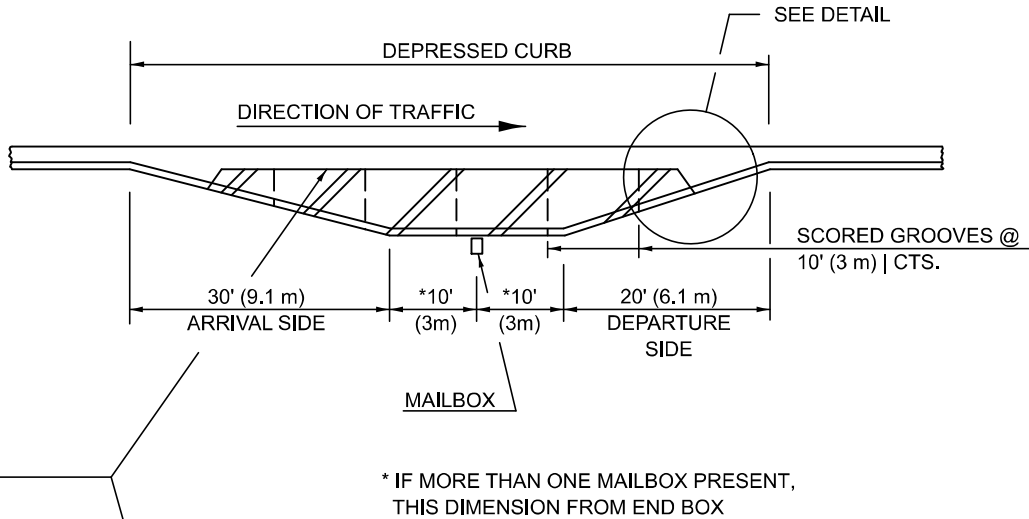
SCALE:	SHEET 2	OF 2	SHEETS	STA.	TO STA.
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ILLINOIS	FED. AID PROJECT
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MODEL: 408000AA Sheet 2 [Sheet]
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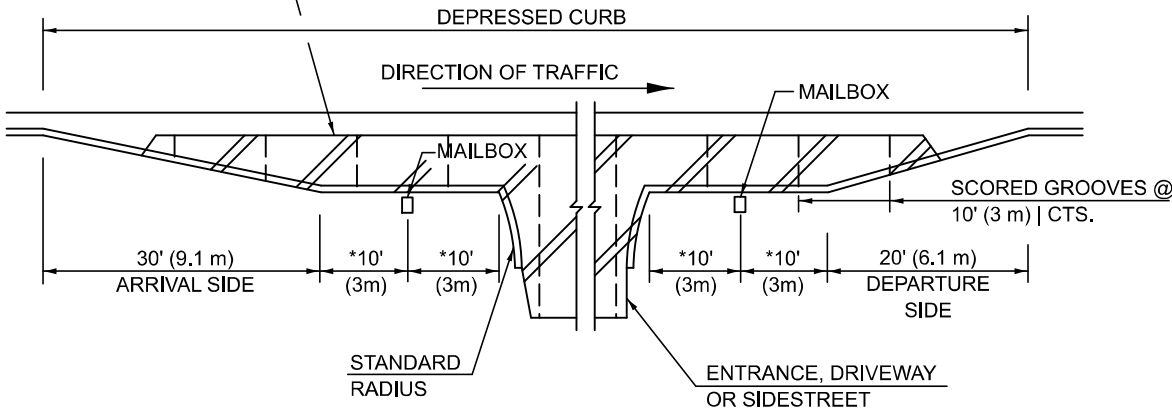
TYPICAL CROSS SECTION



TYPICAL CORNER
DETAIL

GENERAL NOTES

1. THE LONGITUDINAL CURB EXPANSION JOINT SHALL CONFORM TO SECTION 1051 OF THE STANDARD SPECIFICATIONS.
2. THE MAILBOX TURNOUT CROSS SLOPE WILL BE AS SHOWN ABOVE, AS SHOWN ON THE STATION CROSS SECTIONS, OR AS DIRECTED BY THE ENGINEER.
3. THE MAILBOX TURNOUT SHALL BE CONSTRUCTED WITH SCORED GROOVES AT APPROXIMATELY 10' (3 m) CENTERS. IN THE EVENT THERE IS EXISTING OR PROPOSED SIDEWALK PRESENT, THESE SCORED GROOVES SHALL BE PLACED IN LINE WITH EVERY OTHER JOINT IN THE ADJACENT SIDEWALK.
4. THIS WORK WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER SQUARE YARD (m²) FOR P.C. CONCRETE DRIVEWAY PAVEMENT OF THE THICKNESS SPECIFIED IN THE PLANS WHICH PRICE SHALL INCLUDE THE LONGITUDINAL CURB EXPANSION JOINT, MONOLITHIC CURB AS SHOWN, SCORED GROOVES, AND THE ADDITIONAL THICKNESS REQUIRED ADJACENT TO THE DEPRESSED COMBINATION CONCRETE CURB AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.



TYPICAL INSTALLATIONS

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

DISTRICT 5 DETAIL NO. 42300CCC

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7053	(38)RS-3	VERMILION	39	33
CONTRACT NO. 70H32				

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

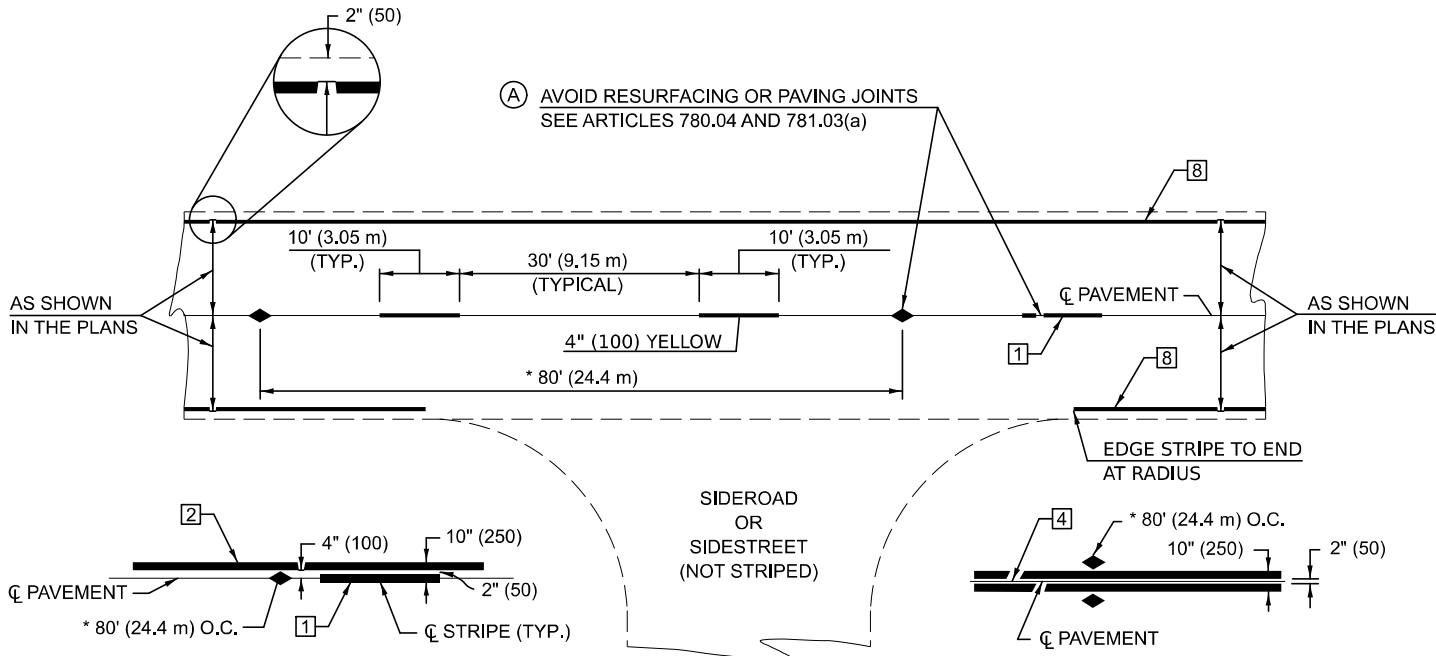
MAILBOX TURNOUT
(URBAN IN CURB & GUTTER)

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

MODEL: 42300CCC (Sheet)
FILE NAME: c:\p\work\projects\42300\42300-Details\42300-Details.dgn

USER NAME = Bridgette.Pierson	DESIGNED -	REVISED - 11/06
	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 10/17/2024	DATE -	REVISED -

MODEL: 7800AAAAA_Sheet 1 [Sheet]
FILE NAME: c:\pawork\project\7800AAAAA.dgn



SINGLE NO PASSING

DOUBLE NO PASSING

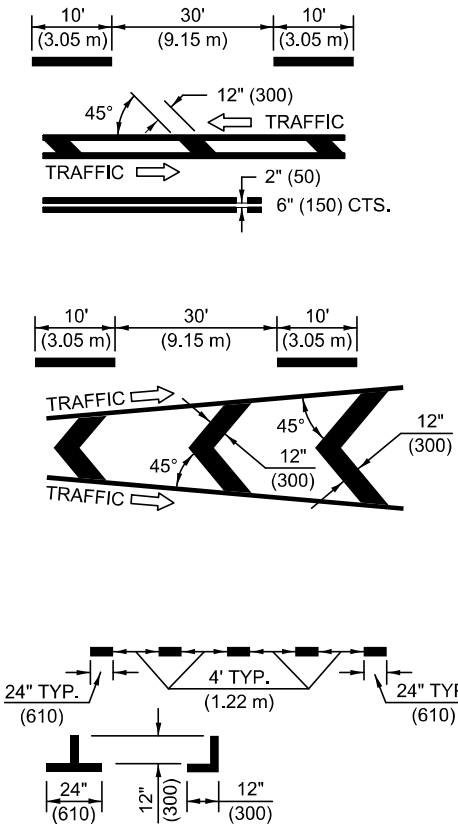
* REDUCE TO 40' (12.2 m) O.C. ON CURVES WITH POSTED OR ADVISORY SPEEDS OF 45 mph (70 km/h) OR LESS.

TWO LANE/TWO WAY

TYPICAL PAVEMENT MARKING LENGEND

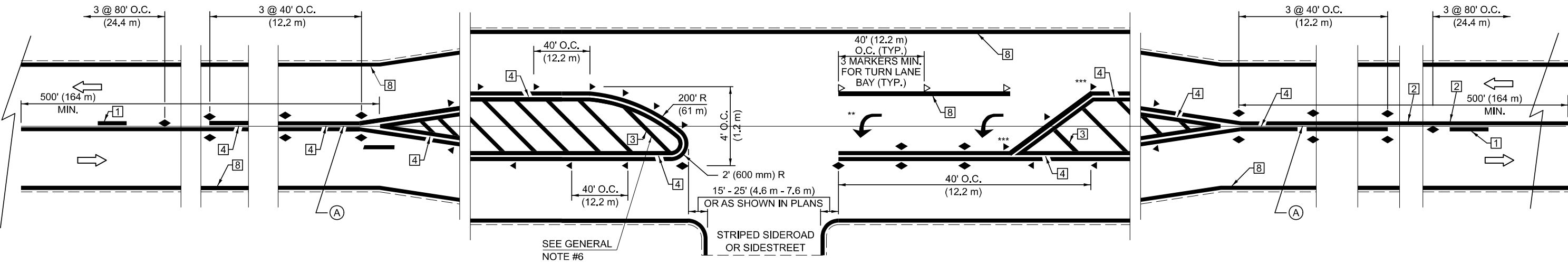
- 1 4" (100) SKIP-DASH (YELLOW)
- 2 4" (100) SOLID (YELLOW)
- 3 12" (300) DIAGONAL (YELLOW)
- 4 4" (100) DOUBLE YELLOW (NARROW)
- 5 RESERVED
- 6 RESERVED
- 7 4" (100) SKIP-DASH (WHITE)
- 8 4" (100) SOLID (WHITE)
- 9 12" (300) DIAGONAL (WHITE)
- 10 6" (150) SOLID (WHITE)
- 11 24" (600) STOP BAR (WHITE)
- 12 8" (200) SOLID (WHITE)
- 13 4" (100) LANE LINE EXTENSIONS (WHITE)
- 14 4" (100) PARKING WHITE

TYPICAL PAVEMENT MARKERS LENGEND



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

RURAL LEFT TURN



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

** TURN ARROWS SHALL BE PLACED AS SHOWN OF SHEET #2.

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

DISTRICT 5 DETAIL NO. 7800AAAA

USER NAME = Justin.Cearlock	DESIGNED -	REVISED - 4/2014 JLA
	DRAWN -	REVISED - 3/2019 SWN
	CHECKED -	REVISED - 8/2022 JLA
PLOT DATE = 10/21/2024	DATE -	REVISED - 9/2022 JWS

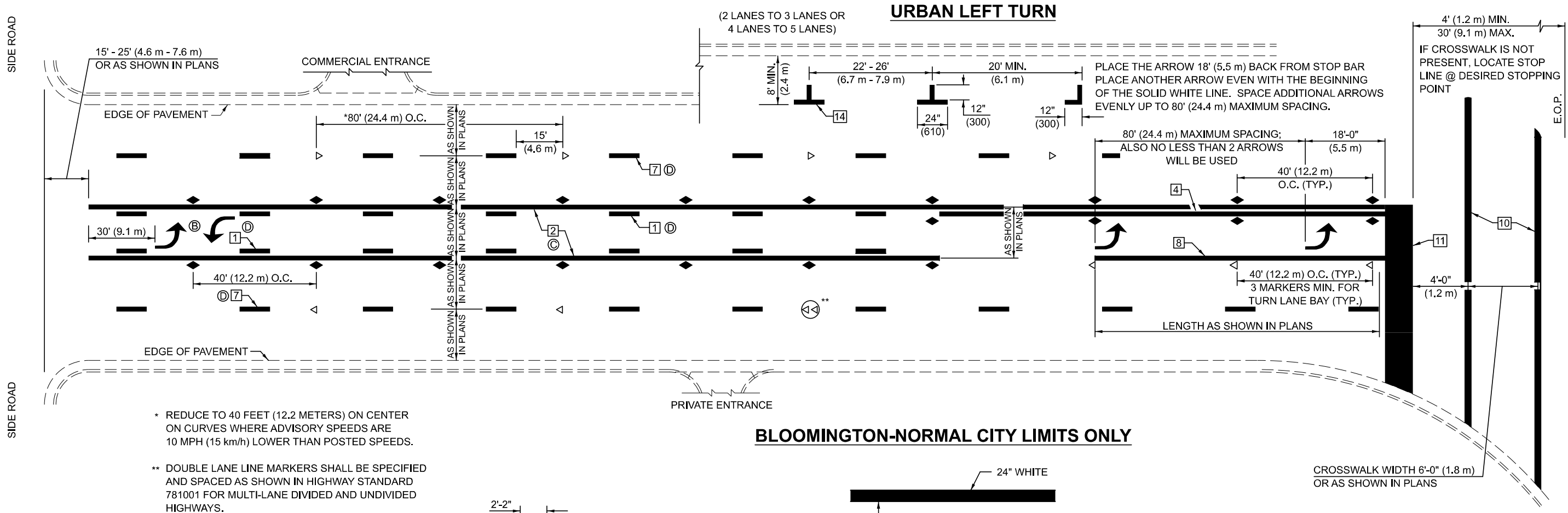
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**PAVEMENT MARKING AND MARKERS
(RURAL & URBAN APPLICATIONS)**

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

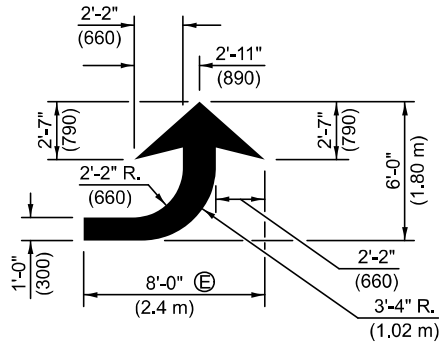
F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7053	(38)RS-3	VERMILION	39	34
CONTRACT NO. 70H32				
ILLINOIS FED. AID PROJECT				

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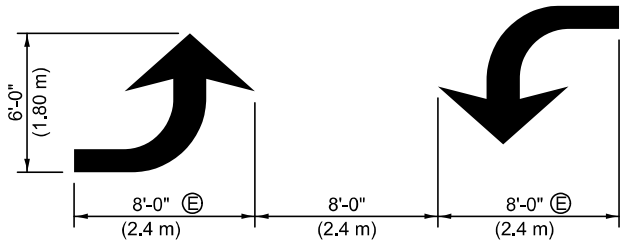
GENERAL NOTES:

- ② TURN ARROW PAIRS SHALL BE PLACED AT 250' (75 m) INTERVALS AND SHALL BE EVENLY SPACED BETWEEN BOTH ENDS OF THE BIDIRECTIONAL LEFT TURN LANE.
- ③ THE SOLID YELLOW PAVEMENT MARKINGS ② SHOULD GENERALLY START OR END NEAR THE RADIUS POINT OF EACH STREET RETURN EXCEPT WHERE ONE OR BOTH ENDS WOULD INCLUDE STOP BARS.
- ④ THE SKIP-DASH PAVEMENT MARKINGS ① OR ⑦ SHOULD BE CENTERED BETWEEN BOTH ENDS OF EACH CITY BLOCK AND SHALL BE PLACED SO THEY LINE UP ACROSS FROM EACH OTHER. SEE EXAMPLE ON SHEET 2 OF 3.
- ⑤ USE LARGE ARROW SIZE FOR BOTH RURAL AND URBAN LOCATIONS. (SEE LAST PAGE OF SECTION 780x FOR SYMBOLS TABLE)

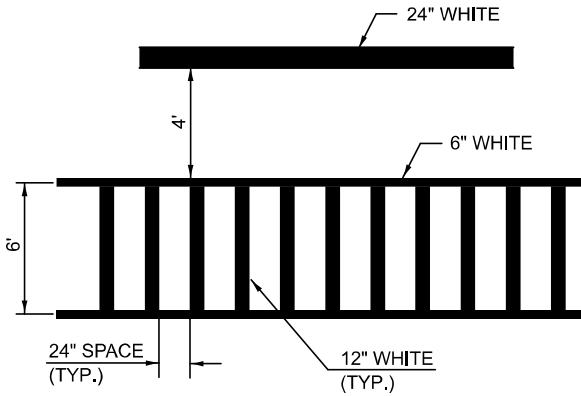


LEFT ARROW

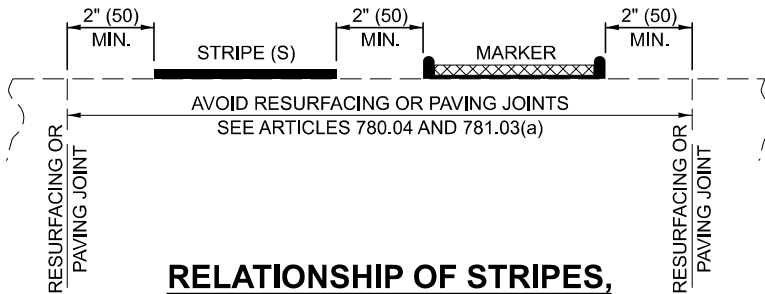
REVERSE FOR RIGHT ARROW
AREA = 15.6 SQ. FT. (1.47 m)
(WHITE)



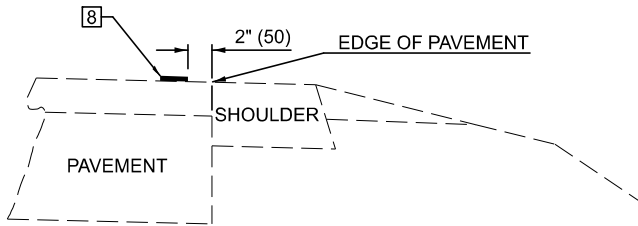
**TYPICAL DOUBLE
TURN ARROWS (WHITE)**



**TYPICAL SPACING FOR
CROSSWALKS & STOP BARS**



**RELATIONSHIP OF STRIPES,
MARKERS AND JOINTS**



RELATIONSHIP OF EDGE LINE TO EDGE OF PAVEMENT

(SAFETY SHOULDER OR PAVED SURFACE)
SEE ARTICLE 780.04

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

DISTRICT 5 DETAIL NO. 7800AAAA

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7053	(38)RS-3	VERMILION	39	35
CONTRACT NO. 70H32				
ILLINOIS FED. AID PROJECT				

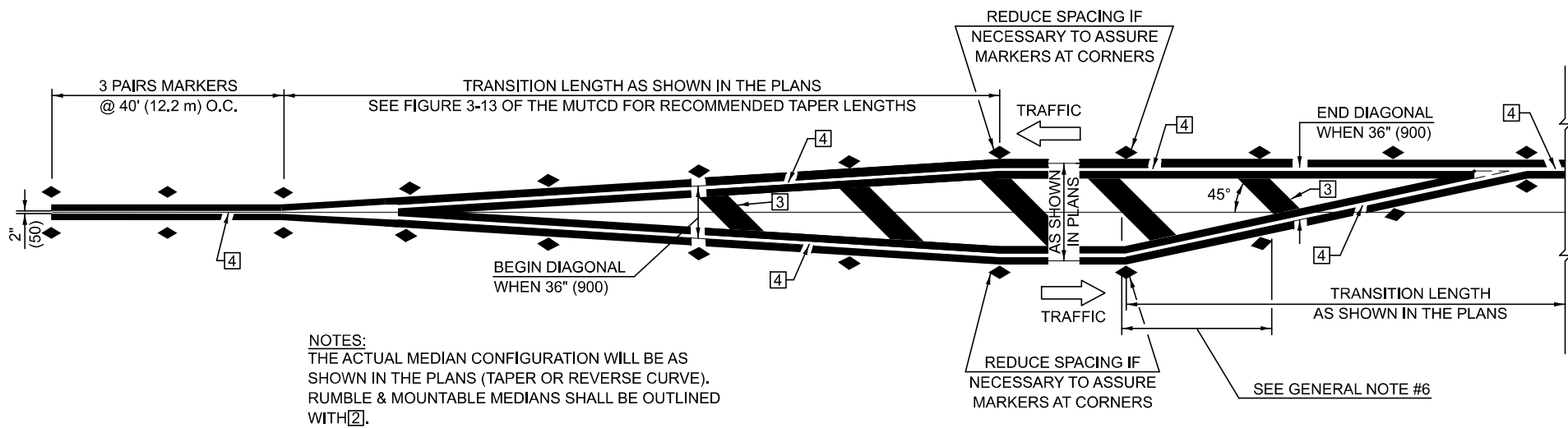
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**PAVEMENT MARKING AND MARKERS
(RURAL & URBAN APPLICATIONS)**

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

USER NAME = Justin.Cearlock	DESIGNED -	REVISED - 4/2014 JLA
	DRAWN -	REVISED - 3/2019 SWN
	CHECKED -	REVISED - 8/2022 JLA
PLOT DATE = 10/21/2024	DATE -	REVISED - 9/2022 JWS

MODEL: 7800AAAA_Sheet 3 [Sheet]
FILE NAME: c:\pawork\work\projects\dd982583\DS70H32-Sht-Detail_7800AAAA.dgn

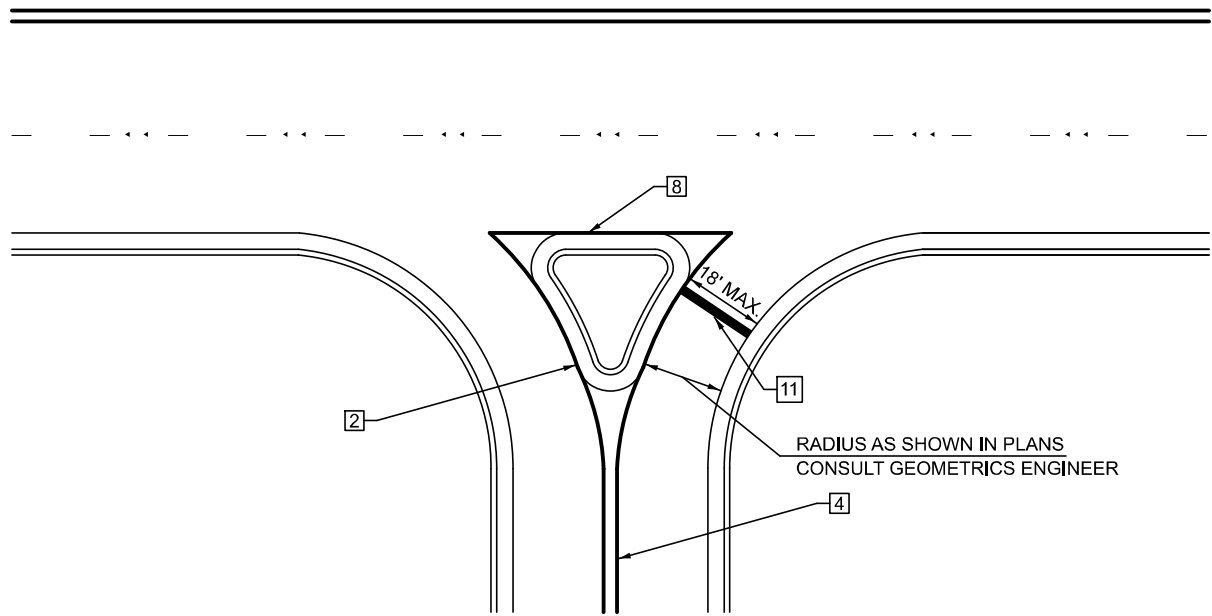


NOTES:
THE ACTUAL MEDIAN CONFIGURATION WILL BE AS SHOWN IN THE PLANS (TAPER OR REVERSE CURVE).
RUMBLE & MOUNTABLE MEDIANS SHALL BE OUTLINED WITH [2].

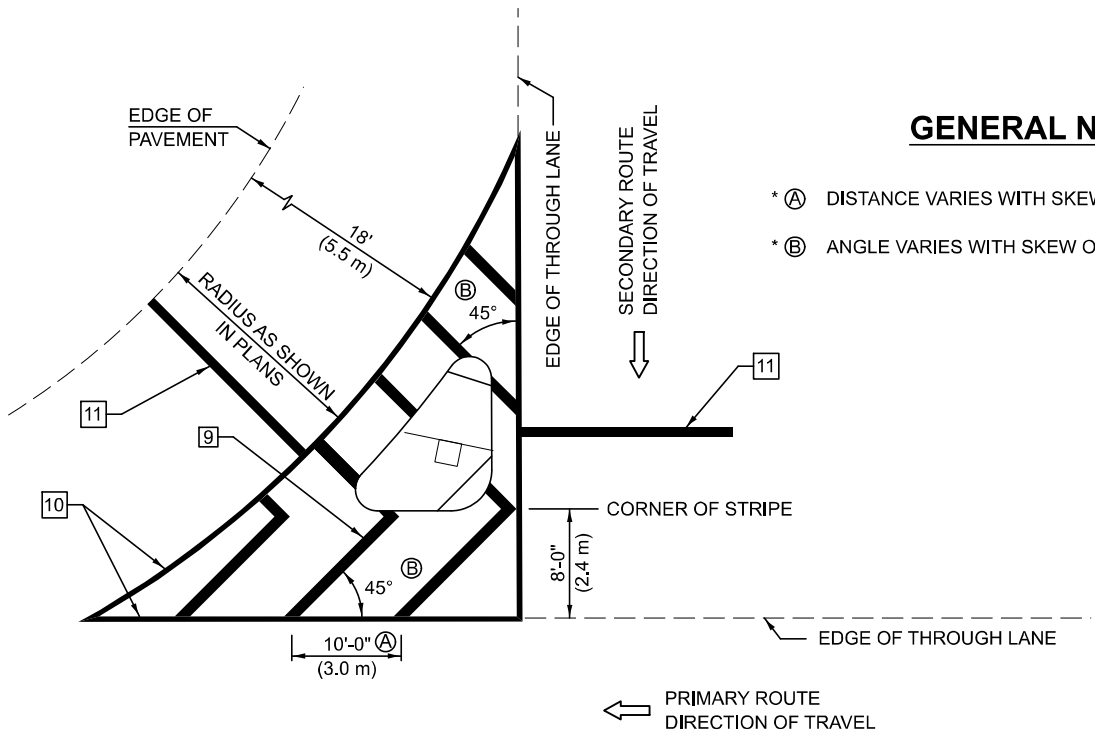
GENERAL NOTES

1. WHEN MEDIANS ARE PRESENT, PAVEMENT MARKINGS ARE TO BE PLACED ADJACENT TO MEDIANS.
2. SOME OF THE INFORMATION INCLUDED WITH THIS DETAIL MAY NOT BE APPLICABLE TO THIS IMPROVEMENT.
3. PAVEMENT MARKINGS ARE TO BE EXTENDED THROUGH OMISSIONS WHEN APPLICABLE.
4. A STRIPING KEY IS AVAILABLE ELSEWHERE AND SHALL BE SHOWN WHERE THE QUANTITIES ARE LISTED.
5. FINAL PAVEMENT MARKINGS SHALL BE IN PLACE PRIOR TO PLACING ANY RAISED REFLECTIVE PAVEMENT MARKERS.
6. THE FOLLOWING CRITERIA SHALL BE USED FOR SELECTING THE DIAGONAL PAVEMENT MARKING SPACING,
<30 MPH USE 15' (<50 km/h USE 4.5 m)
30-45 MPH USE 20' (50-75 km/h USE 6.0 m)
>45 MPH USE 30' (>75 km/h USE 9.0 m)

TYPICAL MEDIAN TRANSITIONS



RIGHT IN - RIGHT OUT ACCESS



GENERAL NOTES

- * A DISTANCE VARIES WITH SKEW OF INTERSECTION.
- * B ANGLE VARIES WITH SKEW OF INTERSECTION.

ISLAND

* FOR RIGHT TURN LANE AND ISLAND STRIPING CONSULT GEOMETRICS ENGINEER.

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

DISTRICT 5 DETAIL NO. 7800AAAA

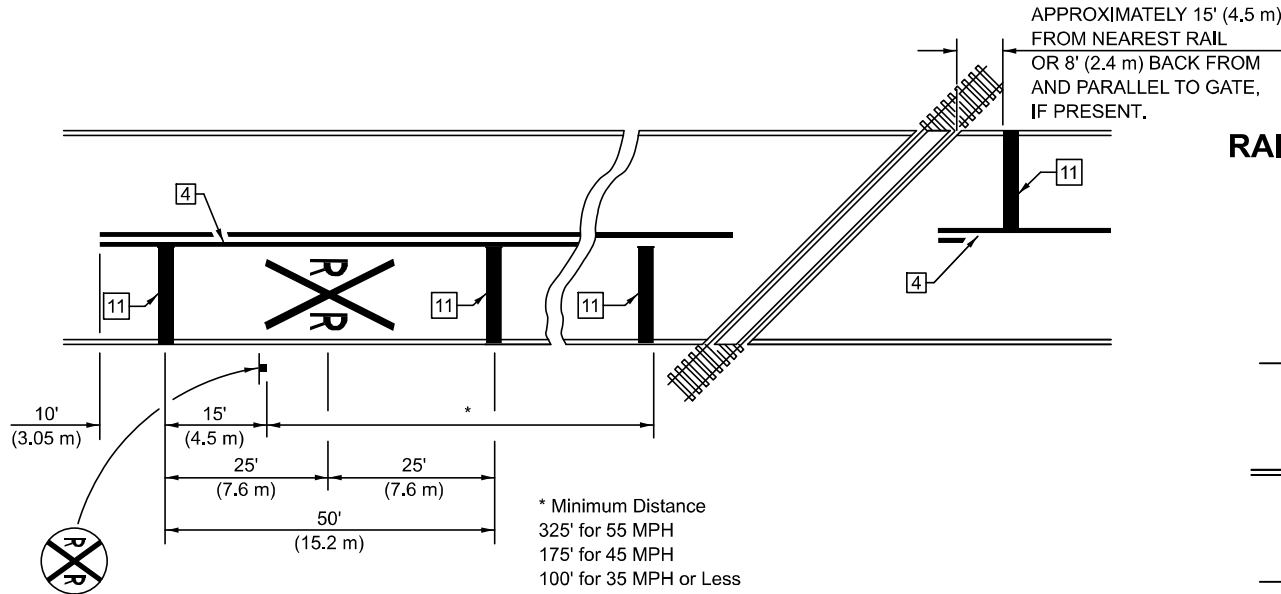
F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7053	(38)RS-3	VERMILION	39	36
CONTRACT NO. 70H32				
ILLINOIS FED. AID PROJECT				

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKING AND MARKERS
(RURAL & URBAN APPLICATIONS)

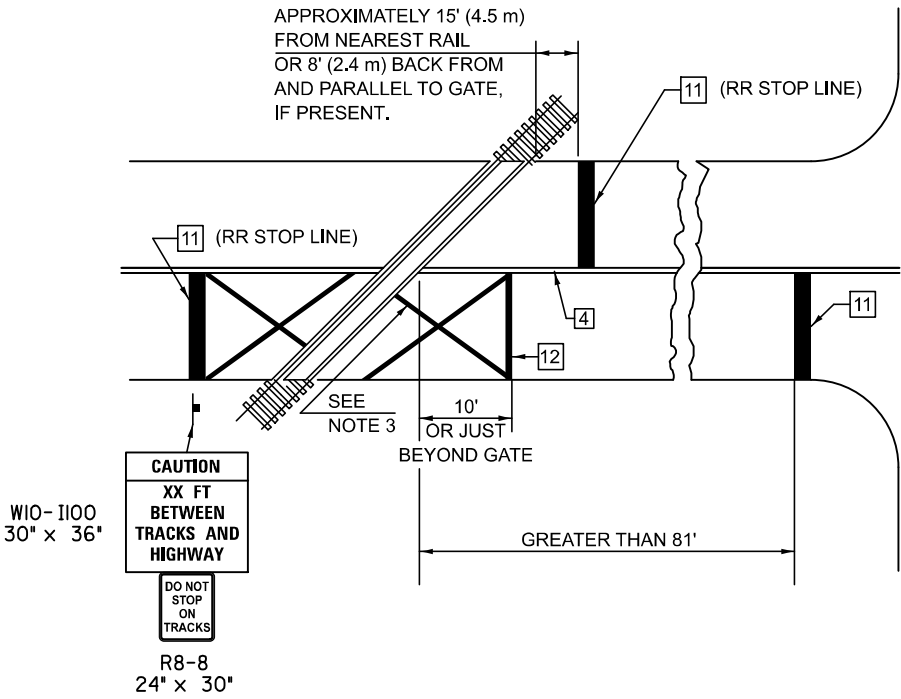
SCALE: SHEET 3 OF 4 SHEETS STA. TO STA.

USER NAME = Justin.Cearlock	DESIGNED -	REVISED - 4/2014 JLA
	DRAWN -	REVISED - 3/2019 SWN
	CHECKED -	REVISED - 8/2022 JLA
PLOT DATE = 10/21/2024	DATE -	REVISED - 9/2022 JWS

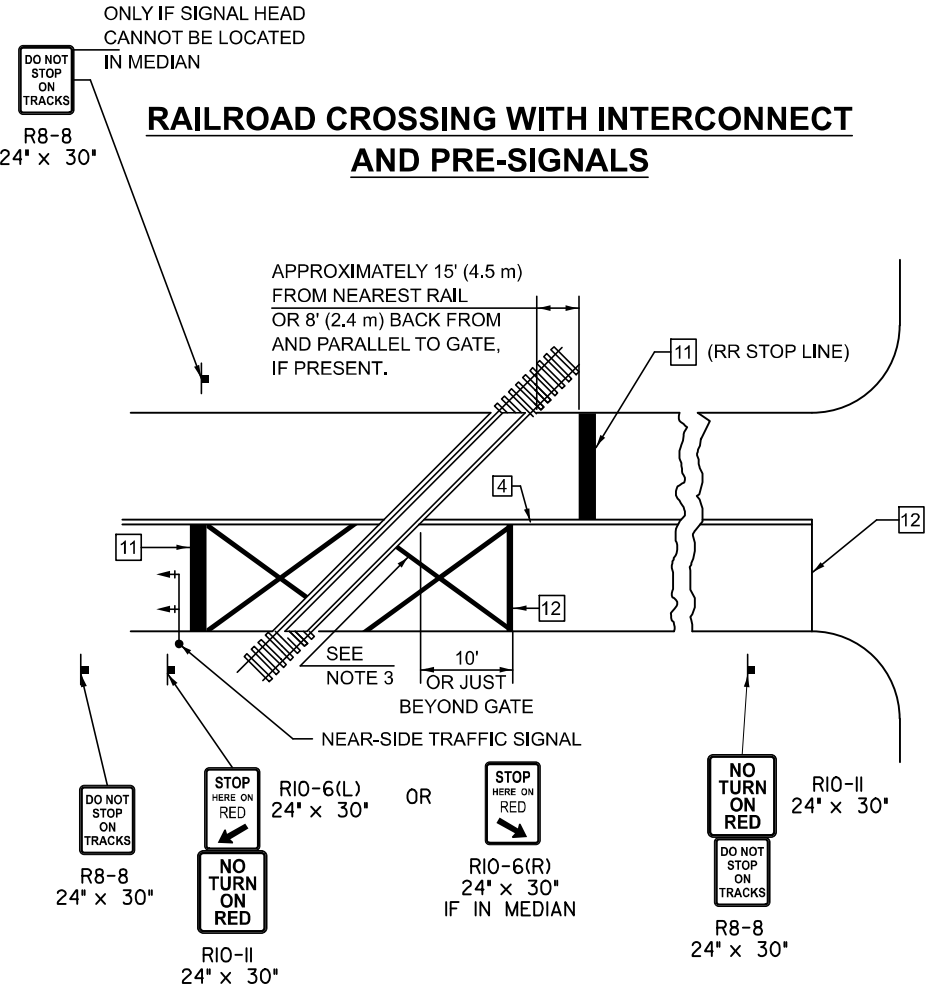


PAVEMENT MARKINGS AT
RAILROAD-HIGHWAY GRADE CROSSING

RAILROAD CROSSING WITH INTERCONNECT ONLY



RAILROAD CROSSING WITH INTERCONNECT
AND PRE-SIGNALS

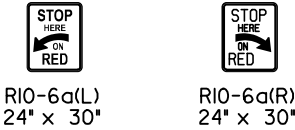


GENERAL NOTES

- SUPPLEMENTAL PAVEMENT MARKINGS TO BE INSTALLED ONLY ON APPROACHES TO INTERSECTIONS CONTROLLED BY TRAFFIC SIGNALS WHICH ARE INTERCONNECTED WITH THE RAILROAD WARNING SIGNALS.
- EXTEND PAVEMENT MARKINGS TO THE INTERSECTION ONLY WHERE NEAR-SIDE TRAFFIC SIGNALS ARE USED.
- 6" WHITE PAVEMENT MARKINGS AT 45° TO PAVEMENT, 8' CENTER TO CENTER.
- XX DISTANCE TO BE SHOWN ON SIGN MEASURED FROM A POINT 6 FEET FROM THE RAIL CLOSEST TO THE INTERSECTION OR FROM THE CLOSEST POINT ALONG THE EXIT GATE IF PRESENT OVER THE ROADWAY WHEN IN THE LOWERED POSITION TO THE STOP BAR OR CROSSWALK, WHICH EVER IS CLOSEST, ROUNDED DOWN TO NEAREST 5 FEET. WHERE THERE IS NO STOP LINE, MEASURE TO POINT WHERE DRIVER HAS A VIEW OF APPROACHING TRAFFIC.
- THE CLEARANCE SIGN IS ALSO TO BE USED AS AN INTERIM MEASURE AT LOCATIONS WITH INTERCONNECTED INTERSECTION TRAFFIC SIGNALS WHERE IT IS PLANNED TO CHANGE THEM TO NEAR-SIDE SIGNALS AT A FUTURE TIME. IN THIS CASE, THE DISTANCE TO BE SHOWN ON THE SIGN IS MEASURED FROM THE EDGE OF THE STRIPED-OUT AREA INSTEAD OF 6 FEET FROM THE RAIL. THE SIGN IS TO BE REMOVED WHEN THE NEAR-SIDE SIGNALS ARE INSTALLED AND THE PAVEMENT MARKINGS EXTENDED TO THE INTERSECTION.

SUPPLEMENT PAVEMENT MARKING TREATMENT FOR
RAILROAD-HIGHWAY GRADE CROSSING

ALTERNATE SIGNS



NOTES

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

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

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

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

DISTRICT 5 DETAIL NO. 7800AAAA

USER NAME	= Justin.Cearlock	DESIGNED	-	REVISED	-	4/2014 JLA
		DRAWN	-	REVISED	-	3/2019 SWN
		CHECKED	-	REVISED	-	8/2022 JLA
PLOT DATE	= 10/21/2024	DATE	-	REVISED	-	9/2022 JWS

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

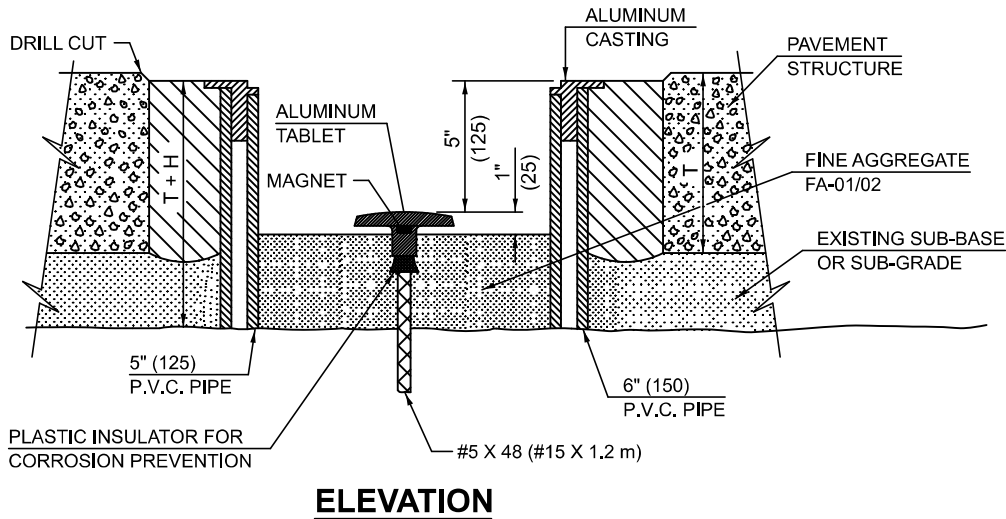
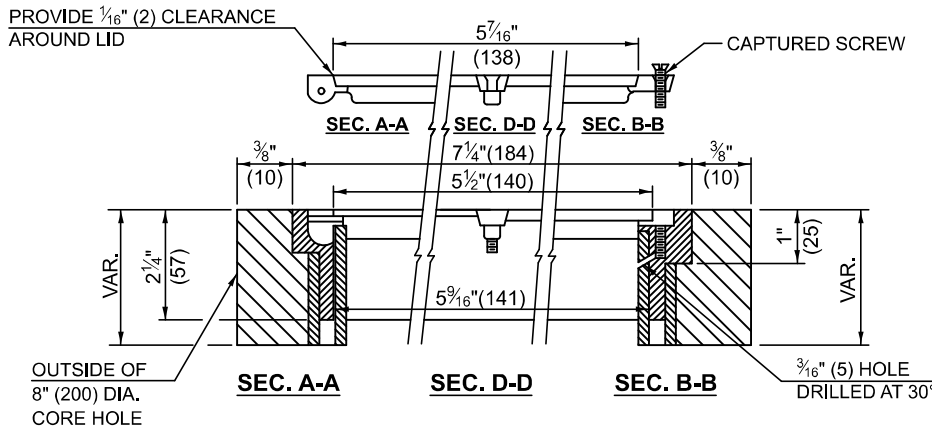
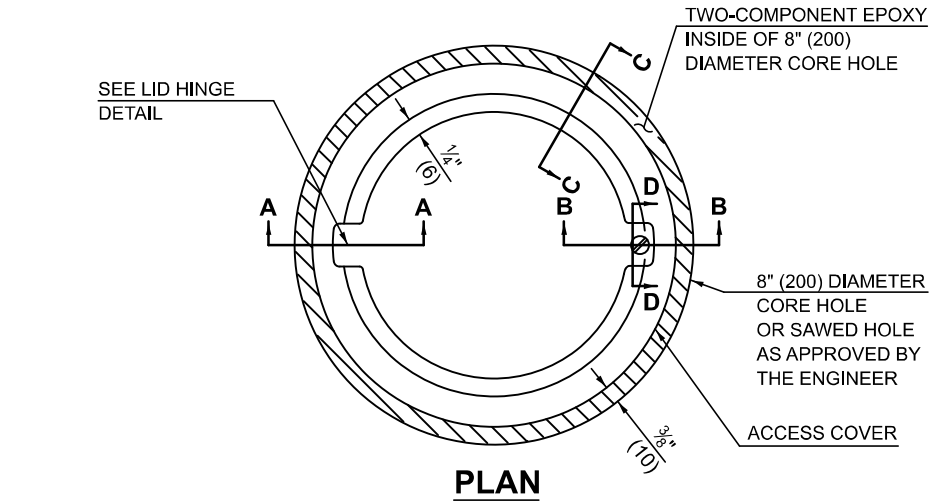
PAVEMENT MARKING AND MARKERS
(RURAL & URBAN APPLICATIONS)

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

F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7053	(38)RS-3	VERMILION	39	37
CONTRACT NO. 70H32				

ILLINOIS FED. AID PROJECT

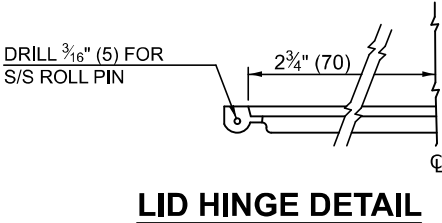
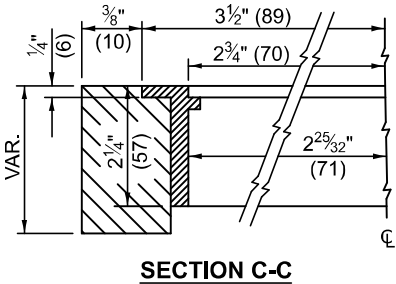
TO BE INSTALLED IN RIGID OR COMPOSITE PAVEMENT
FOR PRESERVING LAND SURVEY MONUMENTS (SECTION
OR SUBSECTION CORNERS)



LEGEND

- ALUMINUM CASTING
- 5" (125) OR 6" (150) P.V.C. PIPE
- TWO-COMPONENT EPOXY

T = THICKNESS OF
PAVEMENT STRUCTURE
H = THE THICKNESS OF THE
SUB-BASE GRANULAR + 1" (25)



SPECIFICATIONS FOR ACCESS COVER FOR USE WITH SURVEY MARKER VAULT(S)
AND SURVEY MARKER COVER ASSEMBLY(S): THE ACCESS COVER WILL BE CAST
FROM A SPECIAL ALUMINUM ALLOY THAT IS COMPARABLE TO BRONZE IN
HARDNESS. THE ACCESS COVER SHALL BE SPECIALLY ENGINEERED AND
DESIGNED TO PROVIDE A SNUG FIT, INCORPORATING EQUIDISTANT LOCKING
RIDGES, INSIDE A STANDARD 6" (150 mm) DIAMETER, OR OUTSIDE A STANDARD
5" (125 mm) DIAMETER, SCHEDULE 40 PVC PIPE. THE ACCESS COVER SHALL HAVE
SPECIAL UNIFORM 1" (25 mm) THICK TOP SURFACE TO PERMIT INFORMATION TO BE
EASILY MACHINE-STAMPED INTO IT. THE ACCESS COVER SHALL INCLUDE A
STAINLESS CAPTURED SCREW AND AN OPPOSING RECESSED HINGE ASSEMBLY AS
ITS LOCKING MECHANISM. THE ACCESS COVER SHALL INCORPORATE A SPECIAL
ACCESS HOLE FOR CLEANING AND DRAINAGE, DRILLED AT 30° INSIDE THE
RING OF THE ACCESS COVER, TO THE DRILLED AND TAPPED HOLE PROVIDED
FOR THE STAINLESS CAPTURED SCREW. COMPOSITION: ALUMINUM 92-93%;
MAGNESIUM 6.5-7.5%. STRENGTH: YIELD - 19,000-21,000 PSI (131-145 MPa);
TENSILE - 38,000-44,000 PSI (262-303 MPa); ELONGATION - 10-15% IN
2" (50 mm). SPECIFICATIONS: ALLOY 535.0; QQ-A-601Es. NO EXCEPTIONS.

RE-BAR-SURVEY MARKER, TYPE I, (SPECIAL) TO BE FURNISHED
BY THE CONTRACTOR AND SET BY AN ILLINOIS PROFESSIONAL
LAND SURVEYOR (SEE SPECIAL DETAIL SHEET FOR ALUMINUM
TABLET AND RE-BAR SPECIFICATIONS).

BILL OF MATERIAL

ALUMINUM CASTING OF THE DIMENSIONS AND SPECIFICATIONS SHOWN
OR OTHER SUBJECT TO ENGINEER'S APPROVAL OF SHOP DRAWINGS,
5" OR 6" (125 mm OR 150 mm) DIAMETER P.V.C. PIPE, SCHEDULE 40,
ALUMINUM TABLET, STAMPED IN ACCORDANCE WITH STANDARD 667101.
58" X 48" (#15 X 1.2 m) RE-BAR, EPOXY AND FA-01/02 AGGREGATE.

GENERAL NOTES

- ALUMINUM CASTING SHALL BE EITHER PLACED OVER A 5" (125 mm)
P.V.C. PIPE OR INSIDE OF A 6" (150 mm) P.V.C. PIPE.
- BACKFILL WITH FINE AGGREGATE - FA-01/02.
- WORK SHALL NOT START ON THIS ITEM UNTIL THE FINAL LIFT
OF SURFACE HAS BEEN COMPLETED.
- THIS WORK WILL BE PAID FOR AT THE CONTRACT UNIT PRICE
EACH FOR SURVEY MARKER VAULT WHICH PRICE SHALL INCLUDE
ALL LABOR AND MATERIAL AS SPECIFIED INCLUDING CORING,
EPOXY AND FA-01/02 AGGREGATE AND NO ADDITIONAL COMPENSATION
WILL BE ALLOWED.
- THE CASTING SHALL BE ANCHORED IN THE 8" (200 mm) DIAMETER
CORE HOLE WITH TWO-COMPONENT EPOXY CONFORMING TO APPLICABLE
PORTIONS OF ARTICLE 1025.01 OF THE STANDARD SPECIFICATIONS.
- ALL SURVEY MARKER (VAULTS) SHALL BE PLACED 1/4" (6 mm)]
BELOW THE FINAL SURFACE.
- THE 8" (200 mm) DIAMETER CORE HOLE SHALL BE SUBJECT TO THE
APPROVAL OF THE ENGINEER.

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

DISTRICT 5 DETAIL NO. X0301232

F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7053	(38)RS-3	VERMILION	39	38
CONTRACT NO. 70H32				

ILLINOIS FED. AID PROJECT

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SURVEY MARKER VAULT

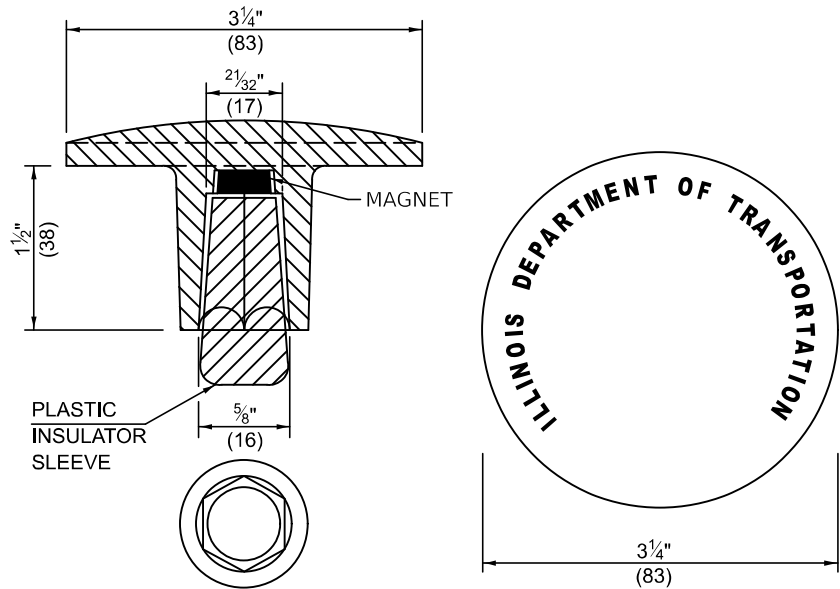
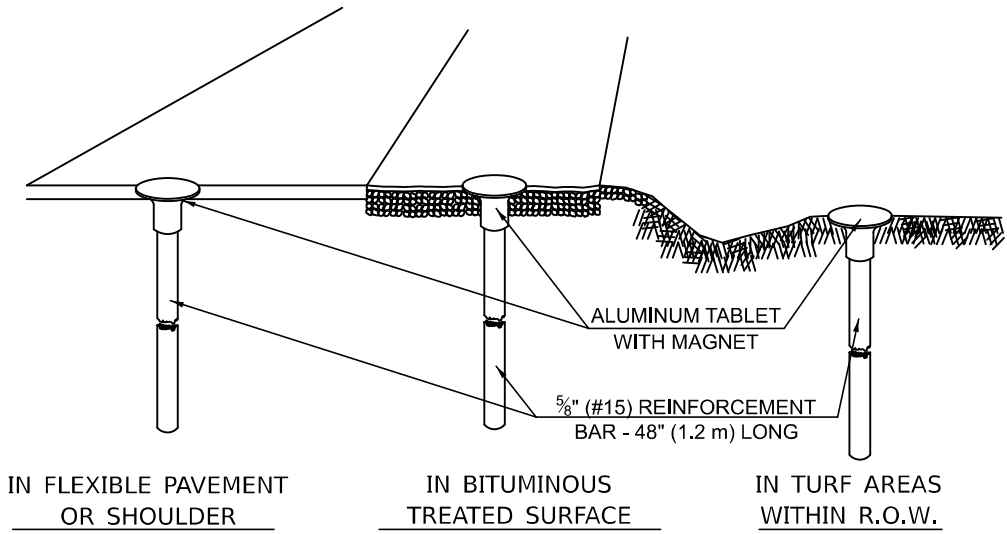
SCALE: SHEET 1 OF 1 SHEETS STA. TO STA.

USER NAME = Bridgette,Plerson	DESIGNED -	REVISED - 11/06
	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 10/18/2024	DATE -	REVISED -

MODEL: X0301232 [Sheet]
FILE NAME: c:\p\work\p\detail\projects\d0982583\DS70H32-Shr-Detail_X0301232.dgn

XZ193300 - SURVEY MARKER, TYPE 1 (SPECIAL)

TO BE INSTALLED IN FLEXIBLE PAVEMENT OR SHOULDER, BITUMINOUS TREATED SURFACE AND TURF AREAS WITHIN THE RIGHT-OF-WAY FOR PRESERVING PERMANENT SURVEY MARKERS (PI'S, PT'S, PC'S, POC'S, & POT'S)



THE DIMENSIONS SHOWN SHALL BE EXACT, OTHERS MAY VARY, BUT SHALL BE SHOWN ON SHOP DRAWINGS.

GENERAL NOTES

- 1. THE CONTRACT UNIT PRICE, EACH, FOR SURVEY MARKER, TYPE 1 (SPECIAL) SHALL BE PAYMENT IN FULL FOR FURNISHING THE REINFORCEMENT BAR AND ALUMINUM TABLET AND FOR ALL LABOR AND MATERIAL REQUIRED TO SET THE MARKER IN PLACE.
- 2. ALL SURVEY MARKERS, TYPE 1 (SPECIAL) SHALL BE PLACED ±¼" (6 mm) BELOW THE FINAL SURFACE.
- 3. WHEN THE TABLET AND REBAR ARE PLACED AS PART OF A SURVEY MARKER VAULT, THEY SHALL BE CONSIDERED AS INCLUDED IN THAT PAY ITEM AND THERE WILL BE NO PAYMENT FOR THE SURVEY MARKER, TYPE 1 (SPECIAL).

SPECIFICATIONS FOR ALUMINUM TABLET

SURVEY CAP FOR REBAR. 3¼" (83 mm) CONVEX SURVEY CAP FOR ⅝" (15 mm) REBAR WITH ILLINOIS DEPARTMENT OF TRANSPORTATION LOGO. THIS LOGO SHALL PROVIDE LETTERS RECESSED INTO THE SURFACE A MINIMUM OF ⅛" (0.8 mm) FOR EASY AND LONG-TERM LEGIBILITY. THE ALUMINUM CAP FOR REBAR SHALL BE PRODUCED BY THE PROCESS OF ORBITAL FORGING TO PRODUCE A HIGH-STRENGTH AND DURABLE MARKER CAP WHICH WILL NOT CHIP OR BREAK AND PROVIDE A SMOOTH FINISH FOR STAMPING OF DATA IN THE FIELD. THE ALUMINUM CAP FOR REBAR SHALL BE TAPERED FOR A PERFECT COMPRESSION FIT. A SPECIAL PLASTIC INSULATOR SHALL BE INSTALLED TO PREVENT DISSIMILAR METAL CONTACT AND CORROSION. THE PLASTIC INSULATOR SHALL FORM READILY TO THE OUTER SHAPE OF THE REBAR AND TO THE INNER SHAPE OF THE ALUMINUM CAP SOCKET. THE PLASTIC INSULATOR SHALL BE LOW DENSITY POLYETHYLENE, A MINIMUM 1½" (38 mm) LONG AND CONFORM TO FEDERAL SPECIFICATION L-P 390.

COMPOSITION: ALUMINUM 98.3-98.7%; OTHER 1.3-1.7%; STRENGTH: YIELD 28 KSI (193 MPa), ULTIMATE 32 KSI (221 MPa). ELONGATION 15% [IN 2" (50 mm)]. SPECIFICATIONS: ALUMINUM ALLOY 6101-0; ASTM B317-83 (EXCEPT TEMPER) AS FORGED. NO EXCEPTIONS.

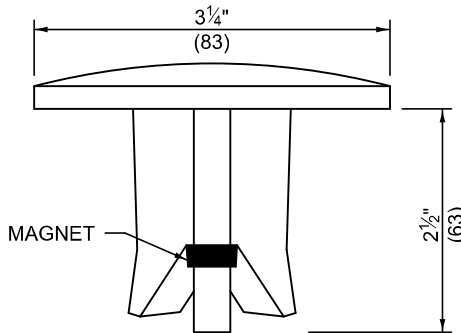
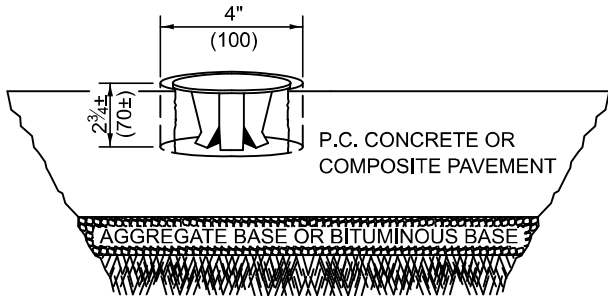
SPECIFICATIONS FOR REBAR

REBAR FOR ALUMINUM TABLET. REINFORCEMENT BAR SHALL BE ⅝" (#15) X 48" (1.2 m) (DEFORMED).

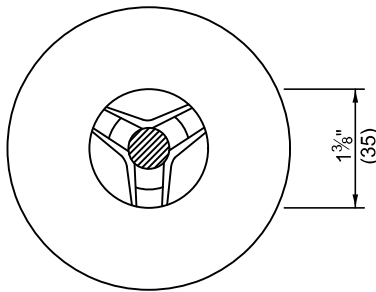
INSPECTION OF REINFORCEMENT BAR ⅝" (#15) SHALL BE DONE BY DISTRICT PERSONNEL OF THE ILLINOIS DEPARTMENT OF TRANSPORTATION, DIVISION OF HIGHWAYS.

XZ193400 - SURVEY MARKER, TYPE 2 (SPECIAL)

TO BE INSTALLED IN RIGID OR COMPOSITE PAVEMENT FOR PRESERVING PERMANENT SURVEY MARKERS (PI'S, PT'S, PC'S, POC'S, & POT'S)



SIDE VIEW



BOTTOM VIEW

THE DIMENSIONS SHOWN SHALL BE EXACT, OTHERS MAY VARY, BUT SHALL BE SHOWN ON SHOP DRAWINGS.

GENERAL NOTES

- 1. WORK ON THIS ITEM SHALL NOT START UNTIL THE FINAL SURFACE IS COMPLETED.
- 2. THE ALUMINUM TABLET (FORKED) SHALL REST UPON THE BOTTOM OF THE 4" (100 mm) CORE HOLE. IF THE HOLE IS TOO DEEP, EPOXY GROUT MUST BE USED TO DECREASE THE DEPTH AND ALLOWED TO HARDEN BEFORE PROCEEDING.
- 3. THE ALUMINUM TABLET SHALL BE ANCHORED IN THE 4" (100 mm) DIAMETER HOLE IN THE NEW PAVEMENT WITH TWO-COMPONENT EPOXY CONFORMING TO APPLICABLE PORTIONS OF ARTICLE 1025.01 OF THE STANDARD SPECIFICATIONS.
- 4. THE 4" (100 mm) CORE HOLE SHALL BE SUBJECT TO THE APPROVAL OF THE ENGINEER.
- 5. THE CONTRACT PRICE, EACH, FOR SURVEY MARKER, TYPE 2 (SPECIAL) SHALL BE PAYMENT IN FULL FOR FURNISHING THE ALUMINUM TABLET AND FOR ALL LABOR AND MATERIAL REQUIRED TO SET THE MARKER IN PLACE, AS SPECIFIED, INCLUDING CORING THE NEW PAVEMENT.
- 6. ALL SURVEY MARKERS, TYPE 2 (SPECIAL) SHALL BE PLACED ± ¼" (6 mm) BELOW THE FINAL SURFACE.

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

DISTRICT 5 DETAIL NO. XZ193AAA

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7053	(38)RS-3	VERMILION	39	39
CONTRACT NO. 70H32				

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SURVEY MARKER TYPE 1 & 2 (SPECIAL)

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

MODEL: XZ193AAA (Sheet)
FILE NAME: c:\paw_work\proj\detail\proj\082583\DS70H32-Sht-Detail_XZ193AAA.dgn