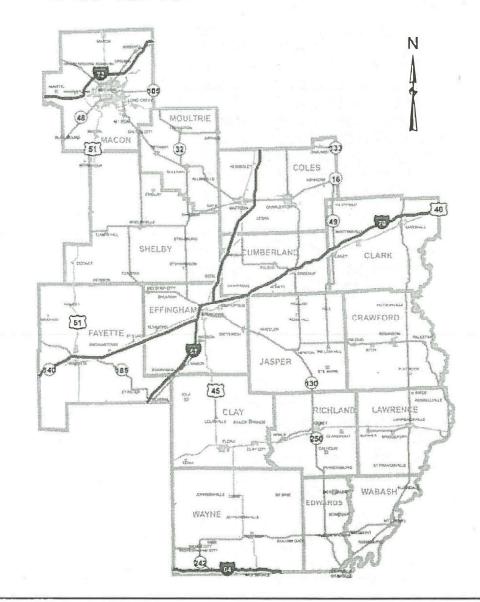
FOR INDEX OF SHEETS, SEE SHEET NO. 2

STATE OF ILLINOIS

**DEPARTMENT OF TRANSPORTATION** 

# PROPOSED HIGHWAY PLANS

VARIOUS ROUTES
SECTION D 7 HT PVMNT RPR MRK 23-08
PROJECT HIGH TYPE PAVEMENT MARKING
VARIOUS COUNTIES
M-60-008-23



F.A. SECTION COUNTY TOTAL SHEET NOT SHEET NOT

#### M-60-008-23



STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUBMITTED May 25

20 Z2

Jeffry P. Myssis

REGIONAL ENGINEER

August 19, 2022

ENGINEER OF DESIGN AND ENVIRONMENT

August 19, 2022

State Majarda

PRINTED BY THE AUTHORITY 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.L.E.
JOINT UTILITY LOCATION INFORMATION FOR EXCAVATORS
1-800-892-0123
OR 811

PROJECT ENGINEER DEWAYNE SEACHRIST PROJECT MANAGER ROBERT GREUEL

CONTRACT NO. 46598

#### **INDEX OF SHEETS**

- 1 COVER SHEET
- 2 INDEX AND STANDARDS
- 3 4 SUMMARY OF QUANTITIES
- 5 6 EXAMPLE OF WORK SHEETS
- 7 12 DISTRICT 7 DETAIL NO. 78000001 & 78000002

#### STANDARDS.

	STANDARDS
701006-05	OFF-ROAD OPERATIONS, 2L, 2W, 15' (4.5 m) TO 24" (600 mm) FROM PAVEMENT EDGE
701011-04	OFF-ROAD MOVING OPERATIONS, 2L, 2W, DAY ONLY
701101-05	OFF- ROAD OPERATIONS, MULTILANE, 15' (4.5 m) TO 24" (600 mm) FROM PAVEMENT EDGE
701106-02	OFF- ROAD OPERATIONS, MULTILANE, 15' (4.5 m) AWAY
701301-04	LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS
701311-03	LANE CLOSURE 2L, 2W, MOVING OPERATIONS-DAY ONLY
701400-11	APPROACH TO LANE CLOSURE, FREEWAY / EXPRESSWAY
701401-13	LANE CLOSURE, FREEWAY / EXPRESSWAY
701406-13	LANE CLOSURE, FREEWAY / EXPRESSWAY, DAY OPERATIONS ONLY
701411-09	LANE CLOSURE, MULTILANE, AT ENTRANCE OR EXIT RAMP FOR SPEEDS $\geq$ 45 MPH
701426-09	LANE CLOSURE, MULTILANE, INTERMITTENT OR MOVING OPER., FOR SPEEDS $\geq$ 45 MPH
	REFER TO THE SPECIAL PROVISIONS FOR ADDITIONAL TRAFFIC CONTROL ITEMS
701427-05	LANE CLOSURE, MULTILANE, INTERMITTENT OR MOVING OPER., FOR SPEEDS $\leq$ 40 MPH
	REFER TO THE SPECIAL PROVISIONS FOR ADDITIONAL TRAFFIC CONTROL ITEMS
701428-01	TRAFFIC CONTROL, SETUP AND REMOVAL, FREEWAY / EXPRESSWAY
701456-05	PARTIAL EXIT RAMP CLOSURE FREEWAY / EXPRESSWAY
701501-06	URBAN LANE CLOSURE, 2L, 2W, UNDIVIDED
701502-09	URBAN LANE CLOSURE, 2L, 2W, WITH BIDIRECTIONAL LEFT TURN LANE
701601-09	URBAN LANE CLOSURE, MULTILANE, 1W OR 2W WITH NONTRAVERSABLE MEDIAN
701602-10	URBAN LANE CLOSURE, MULTILANE, 2W WITH BIDIRECTIONAL LEFT TURN LANE
701606-10	URBAN SINGLE LANE CLOSURE, MULTILANE, 2W WITH MOUNTABLE MEDIAN
701701-10	URBAN LANE CLOSURE, MULTILANE INTRESECTION
701901-08	TRAFFIC CONTROL DEVICES
000001-08	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
001006	DECIMAL OF AN INCH AND OF A FOOT
780001-05	TYPICAL PAVEMENT MARKINGS
701201-05	LANE CLOSURE, 2L, 2W, DAY ONLY, FOR SPEEDS >= 45 MPH

REV. - MS

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PLOT SCALE = 100.0000 / in.	CHECKED	REVISED -	DEPARTMENT OF TRANSPORTATION			SI	ANDARD	S			CONTRACT	NO. 46598
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	CUMMADY OF CHANTITIES			CON	STRUCTION TYPE CODE		CLIMATE OF CHARTITIES			CON	STRUCTION TYPE CODE
	SUMMARY OF QUANTITIES		TOTAL	0031			SUMMARY OF QUANTITIES		TOTAL	0021	
CODE NO	ITEM	UNIT	QUANTITIES	0021		CODE NO	ITEM	UNIT	OUANTITIES	0021	
78000100	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND	SQ FT	6000	6000		78004640	PREFORMED PLASTIC PAVEMENT MARKING, TYPE D -	F00T	100	100	
	SYMBOLS		1				LINE 8"				
78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	210000	210000		78009000	MODIFIED URETHANE PAVEMENT MARKING - LETTERS	SQ FT	2500	2500	
							AND SYMBOLS				
78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	375000	375000							
						78009004	MODIFIED URETHANE PAVEMENT MARKING - LINE 4"	FOOT	2500	2500	
78000500	THERMOPLASTIC PAVEMENT MARKING - LINE 8"	FOOT	15000	15000							
			]			78009006	MODIFIED URETHANE PAVEMENT MARKING - LINE 6"	FOOT	2000	2000	
78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	F00T	10000	10000							
						78009008	MODIFIED URETHANE PAVEMENT MARKING - LINE 8"	FOOT	1500	1500	
78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	3000	3000							
						78009012	MODIFIED URETHANE PAVEMENT MARKING - LINE 12"	FOOT	2500	2500	
78003151	PREFORMED PLASTIC PAVEMENT MARKING, TYPE B -	FOOT	100	100							
1	STANDARD - LINE 12"					78009024	MODIFIED URETHANE PAVEMENT MARKING - LINE 24"	FOOT	1000	1000	
78003181	PREFORMED PLASTIC PAVEMENT MARKING, TYPE B -	FOOT	100	100		78011000	GROOVING FOR RECESSED PAVEMENT MARKING,	SQ FT	100	100	
	STANDARD - LINE 24"		100				LETTERS AND SYMBOLS	50   1	100		
	STANDAND LINE 27						LETTERS AND STIMBOLS				
78004600	PREFORMED PLASTIC PAVEMENT MARKING, TYPE D -	SQ FT	100	100		78011025	GROOVING FOR RECESSED PAVEMENT MARKING 5"	FOOT	100	100	
	LETTERS AND SYMBOLS										
						78011035	GROOVING FOR RECESSED PAVEMENT MARKING 7"	FOOT	100	100	
78004620	PREFORMED PLASTIC PAVEMENT MARKING, TYPE D -	F00T	100	100							
	LINE 4"		1	1		78011045	GROOVING FOR RECESSED PAVEMENT MARKING 9"	FOOT	100	100	
78004630	PREFORMED PLASTIC PAVEMENT MARKING, TYPE D -	FOOT	100	100		78011065	GROOVING FOR RECESSED PAVEMENT MARKING 13"	FOOT	100	100	
	LINE 6"	301		.55			The state of the s	1 . 30 '	.55	1.00	
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						CONTRACT	NO. 40	6598
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	SUMMARY OF QUANTITIES			CON	STRUCTION TYPE CODE	1	SHIMMARY	ΩF	QUANTITIES			CON	STRUCTION TYPE	CODE
		1	TOTAL	0021			JUMMANI		QUANTITIES	1	TOTAL			
CODE NO	ITEM	UNIT	QUANTITIES			CODE NO		ITEM		UNIT	QUANTITIES			
8011125	GROOVING FOR RECESSED PAVEMENT MARKING 25"	FOOT	100	100										
8300201	PAVEMENT MARKING REMOVAL - GRINDING	SO FT	2500	2500										
7800815	HOT SPRAY THERMOPLASTIC PAVEMENT MARKING LINE - 4 INCH	FOOT	75000	75000										
7800835	HOT SPRAY THERMOPLASTIC PAVEMENT MARKING LINE - 6 INCH	FOOT	250000	250000										
7800845	HOT SPRAY THERMOPLASTIC PAVEMENT MARKING LINE - 8 INCH	FOOT	10000	10000										
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DEPARTMENT	OF	TRANSPORTATION

							F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
			SUMMARY	OF QU	ANTITIES		VARIOUS	D 7 HT PVMNT MRK RPR 23-08	VARIOUS	12	4
ļ									CONTRACT	Γ NO. 46	6598
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LOCATION ROUTE (LOCAL DESCRIPTION) COUNTY		SUMI	MATION OF QUA		<b>G SUMMAR</b> 8 (M-60-008-23			WORK OF	RDER #	
COUNTY	LETTERS & SYMBOLS SQ FT	4" FOOT (WHITE)	4" FOOT (YELLOW)	6" FOOT	8" FOOT	12" FOOT (WHITE)	12" FOOT (YELLOW)	24" FOOT	PAVMENT GROOVING SQ FT	PAVMEN' GROOVIN FOOT
			-				1			

USER NAME = GREUELRJ PLOT SCALE = 100.0000 / in. PLOT DATE = 6/3/2022

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

EXAMPLE OF SUMMARY SHEET SCALE: SHEET OF SHEETS STA. TO STA.

RTE. SECTION COUNTY TOTAL SHEETS NO.
VARIOUS D 7 HT PVMNT MRK RPR 23-08 VARIOUS 12 5 CONTRACT NO. 46598

## WORK ORDER

Districts 7 High-Type Pavement Marking Repair 2022-23

W	ORK ORDER NO	DATE OF ISSUE	ROUTE		-
LOCATIO	ON DESCRIPTION				
NTRACT N	O.: 46598		JOB NO.: M-60-	008-23	
CODE NUMBER	ITEM	UNIT	QUANTITY	UNIT PRICE	ITEM COS
78000100	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	6,000.00		
78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	210,000.00		
78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	375,000.00		
78000500	THERMOPLASTIC PAVEMENT MARKING - LINE 8"	FOOT	15,000.00		
78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	10,000.00		
78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	3,000.00		
78004600	PREFORMED PLASTIC PAVEMENT MARKING - TYPE D - LETTERS AND SYMBOLS	SQ FT	100.00		
78004620	PREFORMED PLASTIC PAVEMENT MARKING - TYPE D - LINE 4"	FOOT	100.00		
78004630	PREFORMED PLASTIC PAVEMENT MARKING - TYPE D - LINE 6"	FOOT	100.00		
78004640	PREFORMED PLASTIC PAVEMENT MARKING - TYPE D - LINE 8"	FOOT	100.00		
78003151	PREFORMED PLASTIC PAVEMENT MARKING - TYPE B - STANDARD - LINE 12"	FOOT	100.00		
78003181	PREFORMED PLASTIC PAVEMENT MARKING - TYPE B - STANDARD - LINE 24"	FOOT	100.00		
78009000	MODIFIED URETHANE PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	2,500.00		
78009004	MODIFIED URETHANE PAVEMENT MARKING - LINE 4"	FOOT	2,500.00		
78009006	MODIFIED URETHANE PAVEMENT MARKING - LINE 6"	FOOT	2,000.00		
78009008	MODIFIED URETHANE PAVEMENT MARKING - LINE 8"	FOOT	1,500.00		
78009012	MODIFIED URETHANE PAVEMENT MARKING - LINE 12"	FOOT	2,500.00		
78009024	MODIFIED URETHANE PAVEMENT MARKING - LINE 24"	FOOT	1,000.00		
78011000	GROOVING FOR RECESSED PAVEMENT MARKING, LETTERS AND SYMBOLS	SQ FT	100.00		
78011025	GROOVING FOR RECESSED PAVEMENT MARKING 5"	FOOT	100.00		
78011035	GROOVING FOR RECESSED PAVEMENT MARKING 7"	FOOT	100.00		
78011045	GROOVING FOR RECESSED PAVEMENT MARKING 9"	FOOT	100,00		
78011065	GROOVING FOR RECESSED PAVEMENT MARKING 13"	FOOT	100.00		
78011125	GROOVING FOR RECESSED PAVEMENT MARKING 25"	FOOT	100.00		
78300201	PAVEMENT MARKING REMOVAL - GRINDING	SQ FT	2,500.00		
X7800815	HOT SPRAY THERMOPLASTIC PAVEMENT MARKING LINE - 4"	FOOT	75,000.00		
X7800835	HOT SPRAY THERMOPLASTIC PAVEMENT MARKING LINE - 6"	FOOT	250,000.00		
X7800845	HOT SPRAY THERMOPLASTIC PAVEMENT MARKING LINE - 8"	FOOT	10,000.00		
STRICT CON	ITACT	SUBMITTED BY	: Deputy Director	of Highway	s, Regional E
NAME	: Phil Boyer	DATE			
ELEPHONE	: 217-342-8291	DATE	:		
LL PHONE:	217-500-7139	APPROVED BY	:Engin		
			Engin	eer of Oper	ations
		DATE			

MODEL: Default

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STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

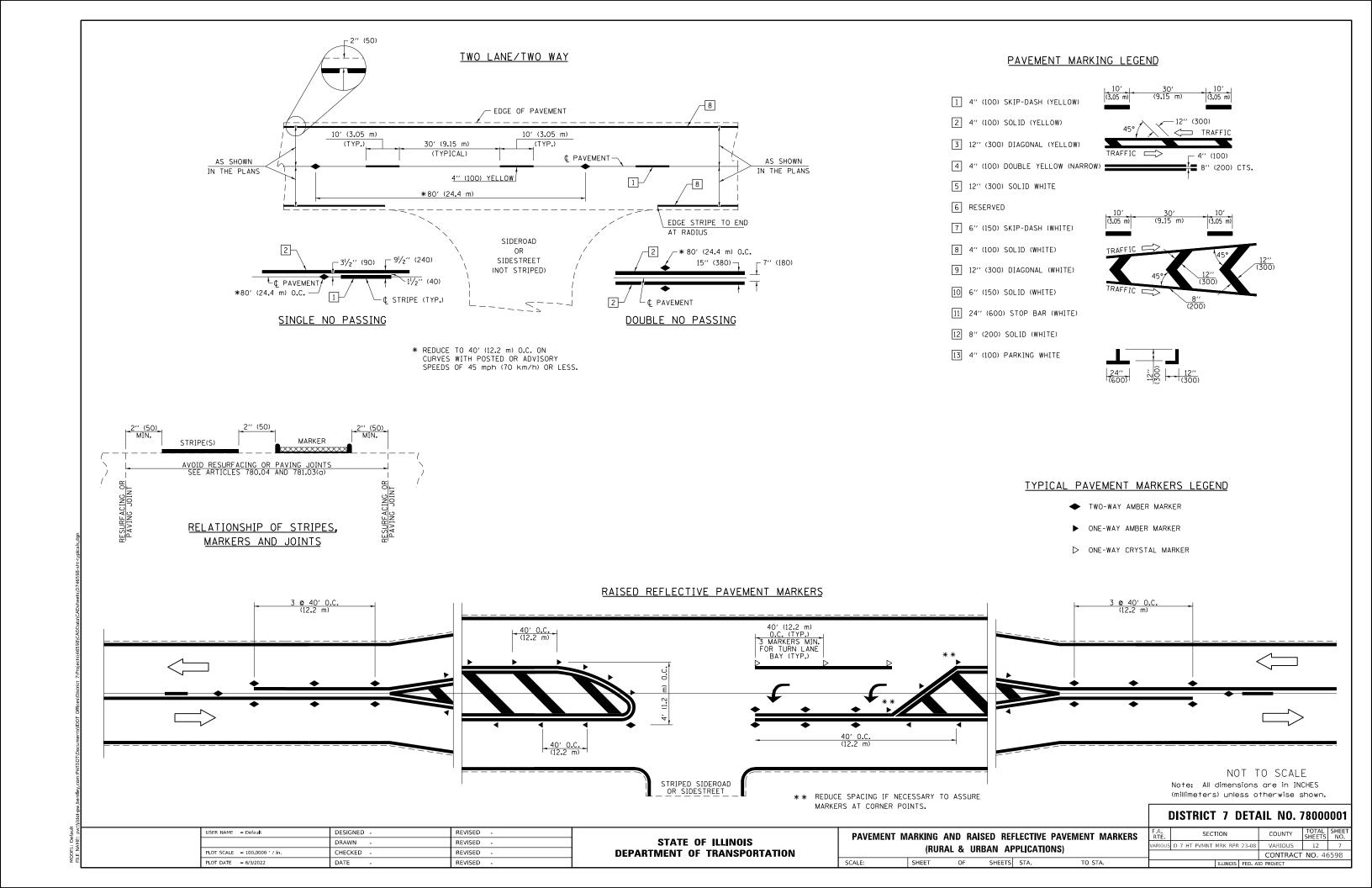
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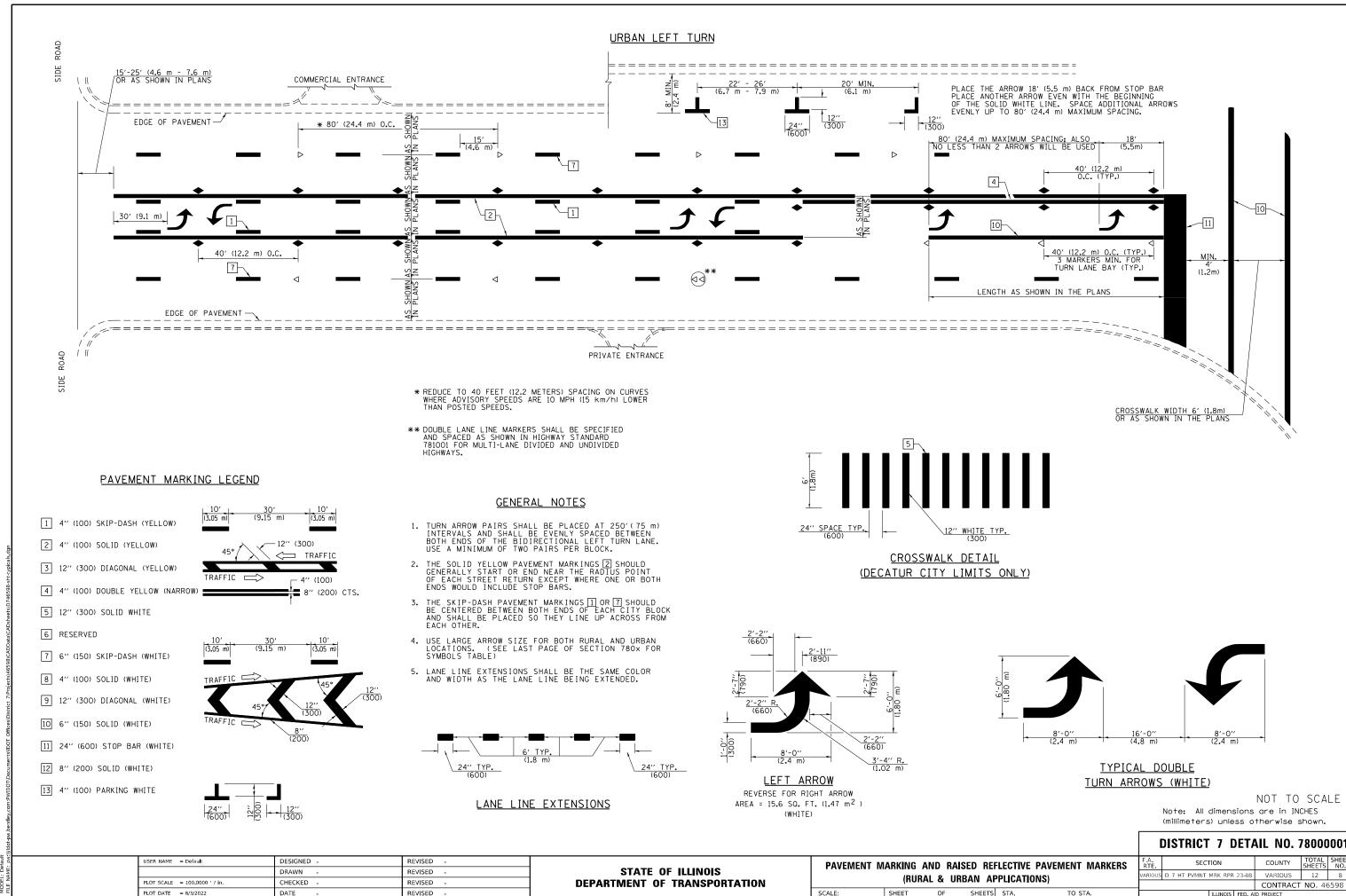
RTE. SECTION COUNTY SHEETS NO.

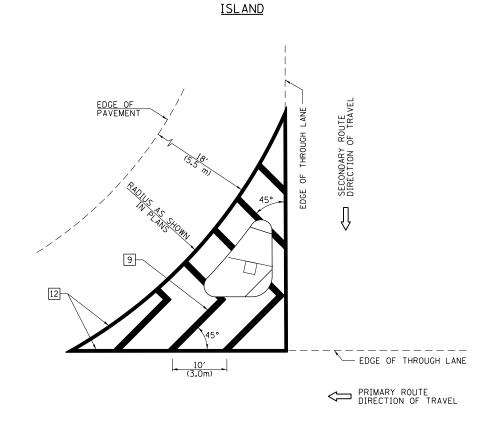
VARIOUS D 7 HT PVMNT MRK RPR 23-08 VARIOUS 12 6

CONTRACT NO. 46598

ILLINOIS FED. AID PROJECT







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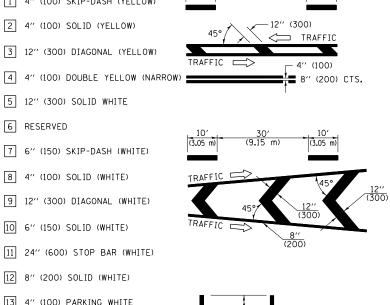
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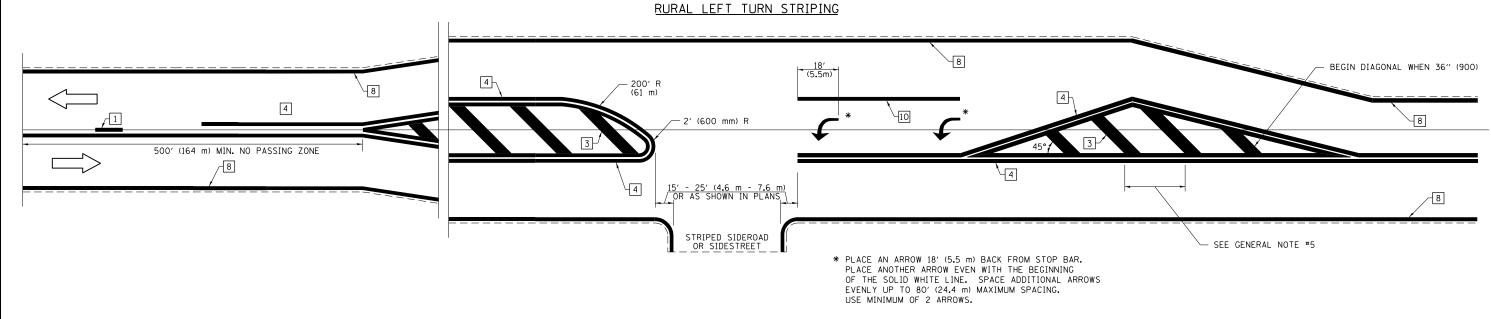
REVISED

### PAVEMENT MARKING LEGEND

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

- 13 4" (100) PARKING WHITE





**GENERAL NOTES** 

1. RAISED AND CORRUGATED MEDIANS SHALL BE OUTLINED WITH 2 IF PRESENT.

2. SOME OF THE INFORMATION INCLUDED WITH THIS DETAIL MAY NOT BE APPLICABLE TO THIS IMPROVEMENT.

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

5. THE FOLLOWING CRITERIA SHALL BE USED FOR SELECTING

15' (4.5 m)

20' (6.0 m) 30' (9.0 m)

3. PAVEMENT MARKINGS ARE TO BE EXTENDED THROUGH OMISSIONS WHEN APPLICABLE.

THE DIAGONAL PAVEMENT MARKING SPACING:

<30 MPH (<50 km/h)

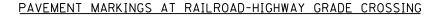
30-45 MPH (50-75 km/h >45 MPH (>75 km/h

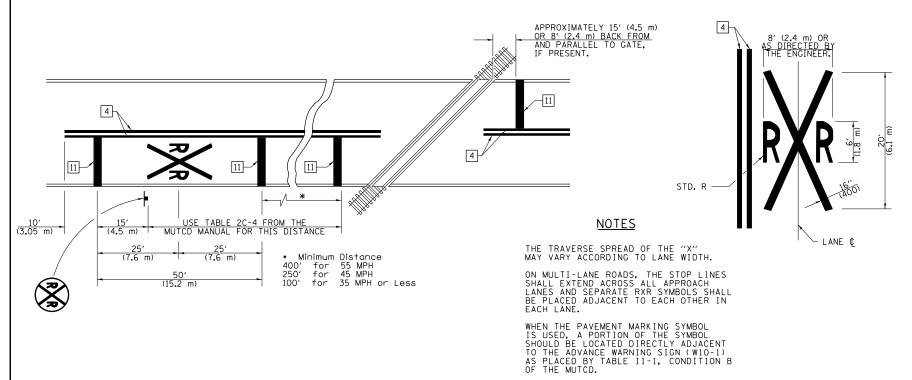
NOT TO SCALE

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

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IOUS	D 7 HT PVMNT MRK RPR 23-08	VARIOUS	12	9			
CONTRACT NO. 46598							
	TILLIMOIS FED A	ID PROJECT					

DISTRICT 7 DETAIL NO. 78000001



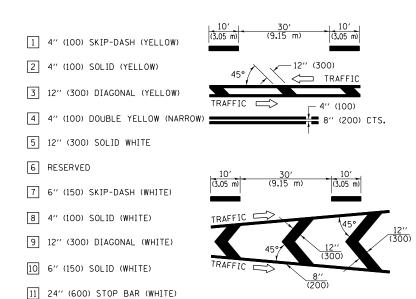


SUPPLEMENTAL PAVEMENT MARKING TREATMENT FOR RAILROAD-HIGHWAY GRADE CROSSING

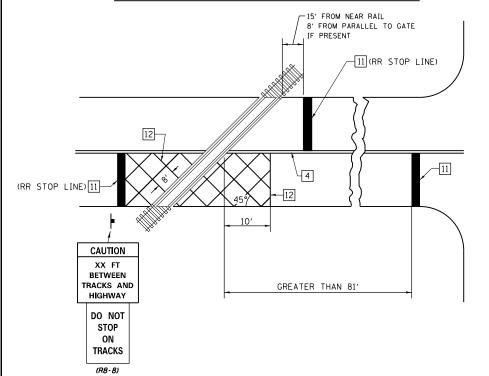
#### PAVEMENT MARKING LEGEND

12 8" (200) SOLID (WHITE)

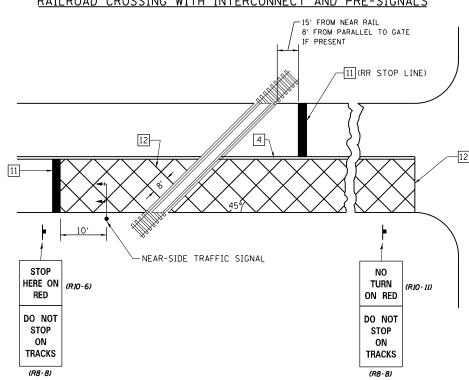
13 4" (100) PARKING WHITE



#### RAILROAD CROSSING WITH INTERCONNECT ONLY



#### RAILROAD CROSSING WITH INTERCONNECT AND PRE-SIGNALS



#### GENERAL NOTES

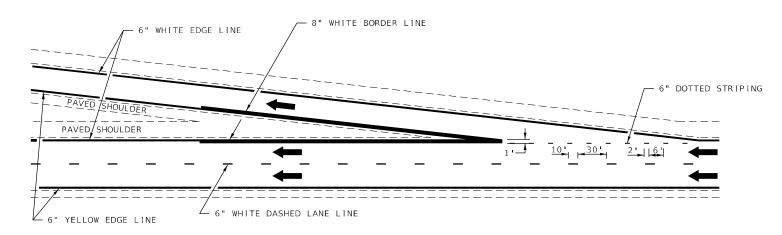
- 1. SUPPLEMENTAL PAVEMENT MARKINGS TO BE INSTALLED ONLY ON APPROACHES TO INTERSECTIONS CONTROLLED BY TRAFFIC SIGNALS WHICH ARE INTERCONNECTED WITH THE RAILROAD WARNING SIGNALS.
- 2. EXTEND PAVEMENT MARKINGS TO THE INTERSECTION ONLY WHERE NEAR-SIDE TRAFFIC SIGNALS ARE USED.

NOT TO SCALE

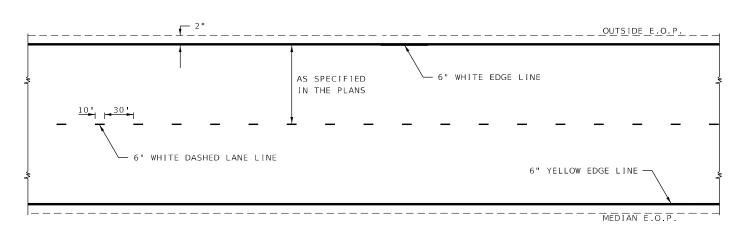
Note: All dimensions are in INCHES (millimeters) unless otherwise shown.

					DISTRICT 7 DETA	IL NO.	78000	001
	REVISED -		PAVEMENT MARKING AND RAISED REFLECTIVE PAVEMENT MARKERS	F.A.	SECTION	COUNTY	CHIEFTE	SHEET
	REVISED -	STATE OF ILLINOIS		VARIOU	S D 7 HT PVMNT MRK RPR 23-08	VARIOUS	12	10
	DEMICED	DEDARTMENT OF TRANSPORTATION	(RURAL AND URBAN APPLICATIONS)					

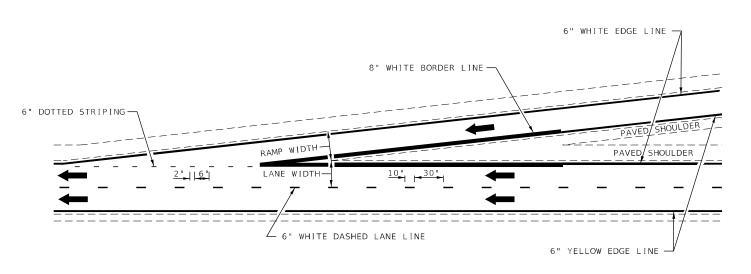
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PLOT DATE = 6/3/2022	DATE -	REVISED -		SCALE:	SHEET	OF	SHEETS	STA.	TO STA.		ILLINOIS FED. AI	D PROJECT	



#### TYPICAL EXIT RAMP MARKING



#### TYPICAL CENTERLING & EDGELINE MARKINGS



#### TYPICAL ENTRANCE RAMP MARKING

NOT TO SCALE

J	DISTRICT 7 DETA	AIL NO. 7	78000	002
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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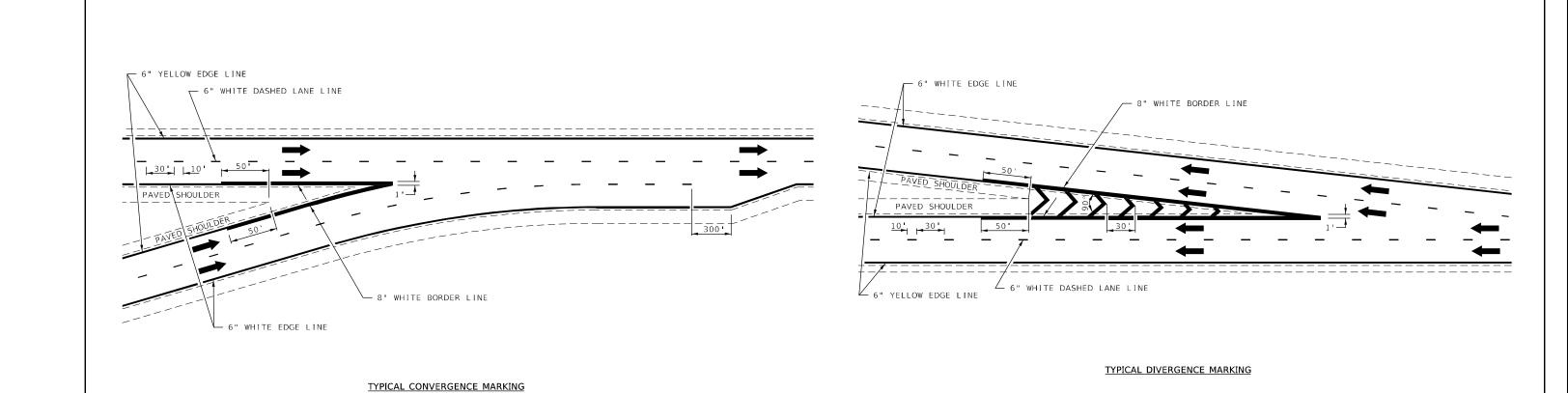
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PLOT DATE = 6/3/2022	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

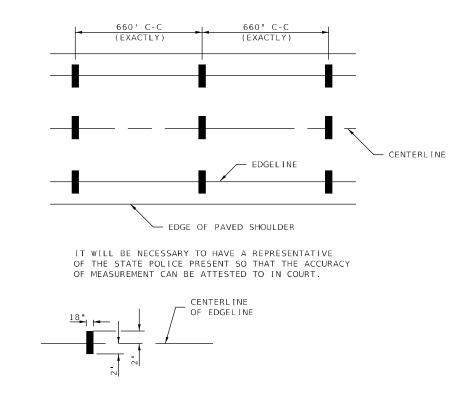
TYPICAL APPLICATIONS OF INTERSTATE PAVEMENT MARKING

| SHEET OF SHEETS STA. TO STA.

| 7 HT PVMNT MRK RPR 23-08 | VARIOUS | 12 | 11 | CONTRACT NO. 46598 | ILLINOIS | FED. AID PROJECT | |



#### AERIAL SPEED CHECK ZONES



NOT TO SCALE

	DISTRICT 7 DETA	AIL NO. 7	78000	0002
F.A. RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VARIOUS	D 7 HT PVMNT MRK RPR 23-08	VARIOUS	12	12
		CONTRACT	NO. 46	5598

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PLOT DATE = 6/3/2022	DATE -	REVISED -

STATE OF ILLINOIS **DEPARTMENT OF TRANSPORTATION**  TYPICAL APPLICATIONS OF INTERSTATE PAVEMENT MARKING SHEET OF SHEETS STA.

ILLINOIS FED. AID PROJECT