

OMISSION STA 251+75 TO STA 273+18

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

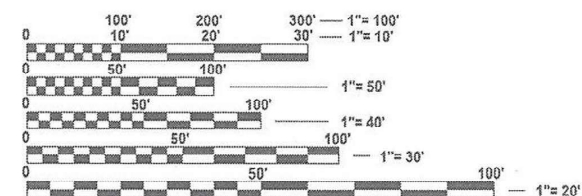
**PROPOSED
HIGHWAY PLANS**

**ROUTE FAS 1652, FAU 8379 (US 45)
SECTION D7 HMA SAFETY SHLD 2024-1
PROJECT HSIP-MMQV(513)
NEW SHOULDERS, SAFETY IMPROVMENTS
EFFINGHAM COUNTY**

C-97-006-23

FAS RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	D7 HMA SAFETY SHLD 2024-1	EFFINGHAM	6	1
* FAS 1652 FAU 8379	ILLINOIS	CONTRACT NO. 74B63		

D-97-006-23



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.

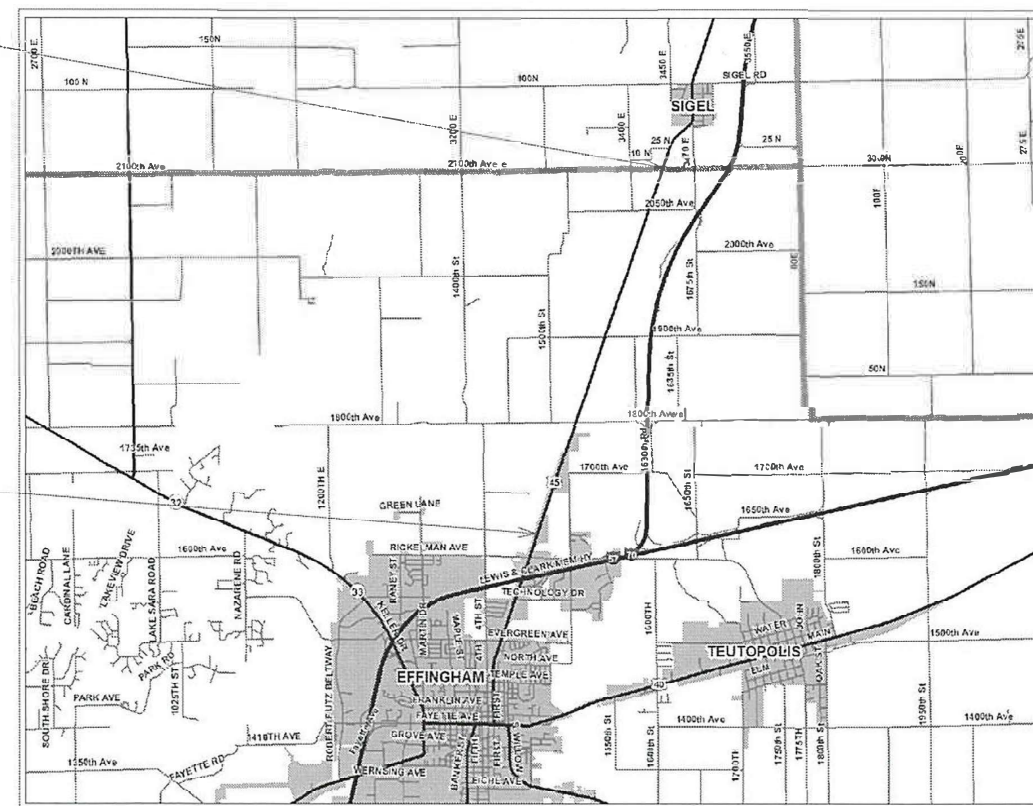
J.U.L.I.E.
JOINT UTILITY LOCATION INFORMATION FOR EXCAVATION
1-800-892-0123
QR 811

PROJECT ENGINEER: MATT BOWER
PROJECT MANAGER: DAKOTA KINCAID

CONTRACT NO: 74B63

BEGIN STATION: 340+45

END STATION: 93+38



GROSS LENGTH = 24,707 FT. = 4.679 MILE

NET LENGTH = 22,564 FT. = 4.273 MILE

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUBMITTED MARCH 18 20 25
Lora Rensing 6
REGIONAL ENGINEER

May 9 20 25
Scott Etkin
ENGINEER OF DESIGN AND ENVIRONMENT

May 9 20 25
Chad 5
DIRECTOR OF HIGHWAYS PROJECT IMPLEMENTATION

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OF THE STATE OF ILLINOIS

REV - MS

SHEET NO.	ITEM
1	COVER SHEET
2	INDEX OF SHEETS, LIST OF STANDARDS, AND GENERAL NOTES
3	SUMMARY OF QUANTITIES
4	TYPICAL SECTIONS
5	SCHEDULE OF QUANTITIES
6	DETAILS

GENERAL NOTES

OMIT RUMBLE STRIPS ON ALL SIDEROADS, PRIVATE, AND COMMERCIAL ENTRANCES AT RADIUS RETURNS.

OMIT HOT-MIX ASPHALT SHOULDERS, 8" ON ALL HMA AND PCC SIDEROADS, PRIVATE, AND COMMERCIAL ENTRANCES.

STANDARD NO.	DESCRIPTION
000001-08	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
001006	DECIMAL OF AN INCH AND OF A FOOT
642006-01	SHOULDER RUMBLE STRIPS 8 INCH
667101-02	PERMANENT SURVEY MARKERS
701006-05	OFF-RD OPERATIONS, 2L, 2W, 15' TO 24" FROM PAVEMENT EDGE
701011-04	OFF-RD MOVING OPERATIONS, 2L, 2W, DAY ONLY
701311-03	LANE CLOSURE, 2L, 2W, MOVING OPERATIONS - DAY ONLY
701326-04	LANE CLOSURE, 2L, 2W, PAVEMENT WIDENING FOR SPEEDS ≥ 45 MPH
701901-10	TRAFFIC CONTROL DEVICES
780001-05	TYPICAL PAVEMENT MARKINGS

THE FOLLOWING MIXTURE REQUIREMENTS ARE APPLICABLE TO THIS PROJECT:									
LOCATION(S)	MIXTURE USE(S)	PG	DESIGN AIR Voids	MIXTURE COMPOSITION	FRICTION AGGREGATE	MIXTURE WEIGHT	QUALITY MANAGEMENT PROGRAM	SUBLOT SIZE	MATERIAL TRANSFER DEVICE (REQUIRED?)
HMA SHOULDERS - 8"	HMA SURFACE COURSE, IL-9.5, MIX "C", N70 (TOP LIFT)	PG 64-22	4.0% @ N=70	IL - 9.5	MIXTURE C	N70	QCQA	3000	N/A
HMA SHOULDERS - 8"	HMA BINDER COURSE, IL-19.0, N70 (BOTTOM LIFT)	PG 64-22	4.0% @ N=70	IL - 19.0	N/A	N70	QCQA	3000	N/A

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		DRAWN -	REVISED -					*	D7 HMA SAFETY SHLD 2024-1	EFFINGHAM	6	2
		CHECKED -	REVISED -					FAS 1652,FAU 8379		CONTRACT NO. 74B63		
	PLOT DATE = 2/18/2025	DATE -	REVISED -		SCALE:	SHEET 1	OF 1 SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT		

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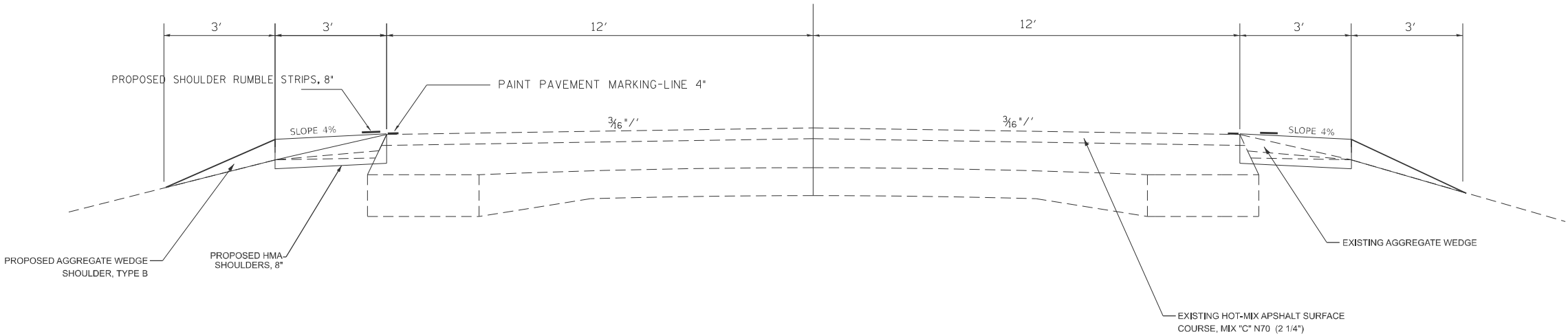
				SAFETY	SAFETY
CODE			TOTAL	0021	0021
NO.	ITEM	UNIT	QUANTITY	URBAN	RURAL
20200600	EXCAVATING AND GRADING EXISTING SHOULDER	UNIT	424	143	281
48102100	AGGREGATE WEDGE SHOULDER, TYPE B	TON	1427	543	884
48203029	HOT-MIX ASPHALT SHOULDERS, 8"	SQ YD	14125	4771	9354
64200108	SHOULDER RUMBLE STRIPS, 8 INCH	FOOT	42373	14312	28061
* 66900200	NON-SPECIAL WASTE DISPOSAL	CU YD	150	45	105
* 66900530	SOIL DISPOSAL ANALYSIS	EACH	6	1.8	4.2
* 66901001	REGULATED SUBSTANCES PRE-CONSTRUCTION PLAN	L SUM	1	0.3	0.7
* 66901003	REGULATED SUBSTANCES FINAL CONSTRUCTION REPORT	L SUM	1	0.3	0.7
* 66901006	REGULATED SUBSTANCES MONITORING	CAL DA	4	1.2	2.8
67100100	MOBILIZATION	L SUM	1	0.3	0.7
70100500	TRAFFIC CONTROL AND PROTECTION, STANDARD 701326	L SUM	1	0.3	0.7
70103815	TRAFFIC CONTROL SURVEILLANCE	CAL DA	10	3	7
70107025	CHANGEABLE MESSAGE SIGN	CAL DA	28	8.4	19.6
* 78001110	PAINT PAVEMENT MARKING - LINE 4"	FOOT	49244	15614	33630
Z0049799	PROTECTING OR RESETTING SURVEY MARKERS	EACH	10	0	10

* SPECIALTY ITEM

	USER NAME = dakota.kincaid	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUMMARY OF QUANTITIES				F.A.S RTE.	SECTION		COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN -	REVISED -						*	D7 HMA SAFETY SHLD 2024-1		EFFINGHAM	6	3
		CHECKED -	REVISED -		SCALE:			FAS 1652, FAU 8379						
	PLOT DATE = 3/12/2025	DATE -	REVISED -		SHEET 1 OF 1 SHEETS			CONTRACT NO. 74B63						
					ILLINOIS FED. AID PROJECT									

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TYPICAL SECTION
STA 93+38 TO 340+45



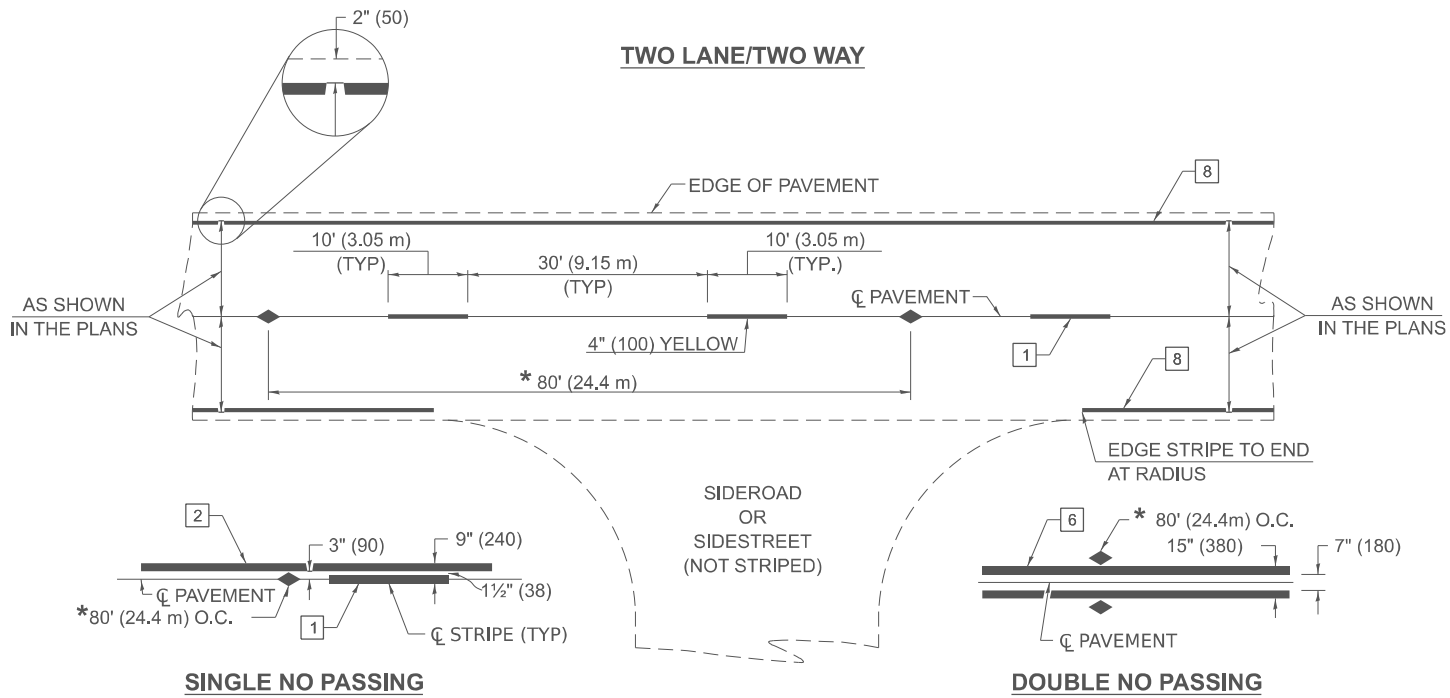
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		DRAWN -	REVISED -					*	D7 HMA SAFETY SHLD 2024-1	EFFINGHAM	6	4
		CHECKED -	REVISED -		SCALE: SHEET 1 OF 1 SHEETS STA. TO STA.			FAS 1652, FAU 8379		CONTRACT NO. 74B63		
	PLOT DATE = 3/4/2025	DATE -	REVISED -					ILLINOIS		FED. AID PROJECT		

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SCHEDULE								
STATION TO STATION			LENGTH	PAINT PAVEMENT MARKING - LINE 4"	EXCAVATING AND GRADING EXISTING SHOULDER	AGGREGATE WEDGE SHOULDER TYPE B	HOT-MIX ASPHALT SHOULDERS 8"	SHOULDER RUMBLE STRIPS, 8"
			FOOT	FOOT	UNIT	TON	SQ YD	FOOT
93+38	TO	172+30	7892	15614	143	543.0	4771.0	14312
172+30	TO	251+75	7945	15557	148	481.1	4992.0	14976
251+75	TO	273+18	2143	BRIDGE OMISSION				
273+18	TO	340+45	6727	12955	128	402.4	4361.7	13085
TOTAL			24707	48914	419	1427	14125	42373

Survey Marker Schedule					
Point No.	Northing	Easting	Station	Offset	Description
1000	903879.951	927745.919	N/A	0	IP in Concrete Pvmnt Rickelman Ave. N 1/4 Cor Sec 16.
1001	917838.067	932958.096	231+94.29	0	Aluminum Disk in CL
1002	919024.579	933395.112	244+58.82	0	Aluminum Disk in CL
1003	919259.276	933481.500	247+08.82	0.62 FT LT	Aluminum Disk
1004	919493.063	933570.201	249+58.82	0	Aluminum Disk in CL
1005	919606.937	933613.400	250+80.76	0	Aluminum Disk in CL
1006	920097.876	933799.784	256+05.77	2.05 FT RT	Aluminum Disk
1007	920591.587	933978.432	261+30.76	0	Aluminum Disk in CL
1008	921780.476	934408.491	273+95.21	0	Aluminum Disk in CL
1009	922777.660	934688.463	284+13.00	74.44 FT LT	IP off pvmnt., NE corner Sec 27
1010	923150.404	934901.042	288+50.88	0	Aluminum Disk in CL

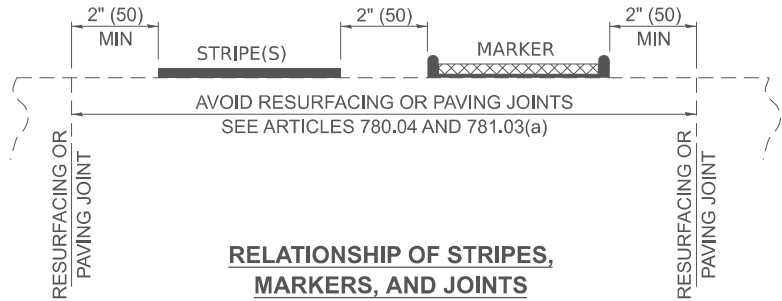
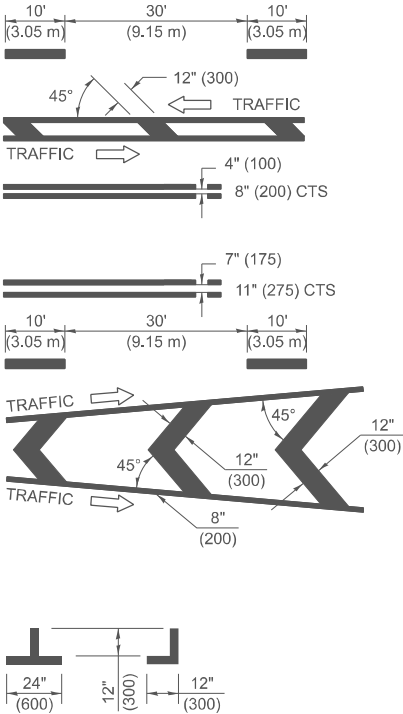
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		DRAWN -	REVISED -							*	D7 HMA SAFETY SHLD 2024-1	EFFINGHAM	6	5
		CHECKED -	REVISED -		FAS 1652, FAU 8379					CONTRACT NO. 74B63				
	PLOT DATE = 3/20/2025	DATE -	REVISED -		SCALE:			SHEET 1 OF 1 SHEETS STA. TO STA.						
										ILLINOIS FED. AID PROJECT				



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

PAVEMENT MARKERS LEGEND

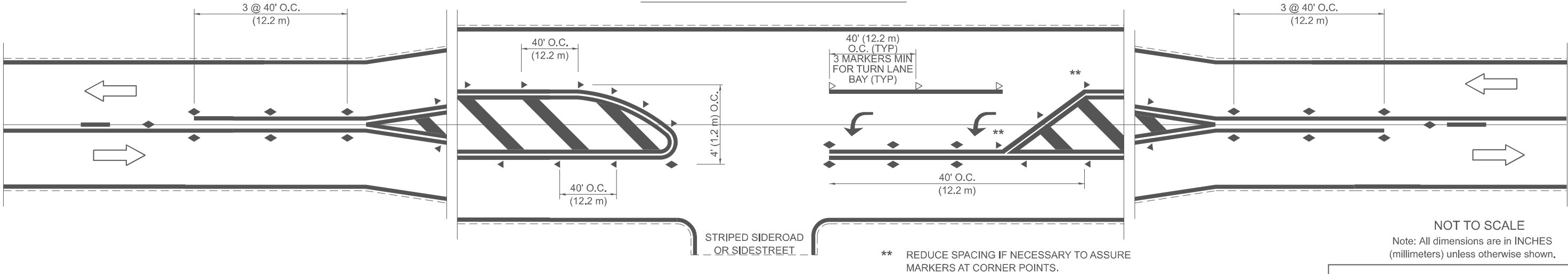
- 1 4" (100) SKIP-DASH (YELLOW)
- 2 4" (100) SOLID (YELLOW)
- 3 12" (300) DIAGONAL (YELLOW)
- 4 4" (100) DOUBLE YELLOW (NARROW)
- 5 12" (300) SOLID (WHITE)
- 6 4" (100) DOUBLE YELLOW (WIDE)
- 7 6" (150) SKIP-DASH (WHITE)
- 8 4" (100) SOLID (WHITE)
- 9 12" (300) DIAGONAL (WHITE)
- 10 6" (150) SOLID (WHITE)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



TYPICAL PAVEMENT MARKERS LEGEND

- Two-way Amber Marker
- One-way Amber Marker
- One-way Crystal Marker

RAISED REFLECTIVE PAVEMENT MARKERS



NOT TO SCALE
Note: All dimensions are in INCHES (millimeters) unless otherwise shown.

DISTRICT 7 DETAIL NO. 78000001

USER NAME	= dakota.kincaid	DESIGNED	-	REVISED	-
		DRAWN	-	REVISED	-
		CHECKED	-	REVISED	-
PLOT DATE	= 2/25/2025	DATE	-	REVISED	-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKING DETAILS

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

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	D7 HMA SAFETY SHLD 2024-1	EFFINGHAM	6	6
FAS 1652, FAU 8379		CONTRACT NO. 74B63		
		ILLINOIS	FED. AID PROJECT	

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