06-11-2021 LETTING ITEM 122

FOR INDEX OF SHEETS, SEE SHEET NO. 2

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

PROPOSED HIGHWAY PLANS

FAI ROUTE 70 (I-70)
SECTION D7 PVMT PROFILING
2021-1 SMART OVERLAY
VARIOUS COUNTIES (FAYETTE,
EFFINGHAM, AND CUMBERLAND)

C-97-126-21

33 TEUTOPOLIS 40

CUMBERLAND

JASPER

MILLOW HILL

STE MARIE

LOCATION 6
LOCATION 7
LOCATION 8
LOCATION 2
LOCATION 3
STRASBURG
NEOGA
SHELBY 33

FAYETTE

STEWARDS

100' 200' 300' 1" = 100'
10' 20' 30' 1" = 10'
0 50' 100' 1" = 50'
0 50' 100' 1" = 40'
0 50' 100' 1" = 30'
0 50' 100' 1" = 20'
FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD

LOCATION !

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 EXCAVATORS 1-800-892-0123
OR 811

PROJECT ENGINEER: BRIAN LEWIS PROJECT MANAGER: BEN DETERS PHONE: (217) 342–8361

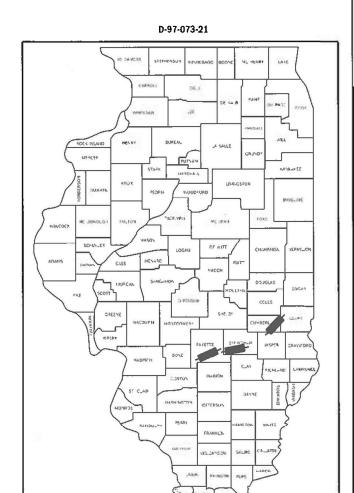
CONTRACT NO. 74A42

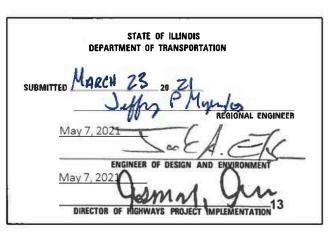
GROSS LENGTH = 7,077.90 FT. = 1.341 MILE

NET LENGTH = 7,077.90 FT. = 1.341 MILE

CLAY







LOCATION OF SECTION INDICATED THUS: - -

PRINTED BY THE AUTHORITY OF THE STATE OF ILLINOIS

REV. - MS

INDEX OF SHEETS

SHEET NO.	DESCRIPTION
1	COVER SHEET
2	INDEX OF SHEETS / HIGHWAY STANDARDS / GENERAL NOTES
3	SUMMARY OF QUANTITIES
4	TYPICAL CROSS SECTIONS
5 - 7	LOCATION MAPS
8 - 9	SCHEDULE OF QUANTITIES
10 - 13	PAVEMENT MARKING AND RAISED REFLECTIVE PAVEMENT MARKERS (RURAL AND URBAN APPLICATIONS) (DISTRICT 7 DETAIL NO. 78000001)
14 -15	TYPICAL APPLICATIONS OF FREEWAY/EXPRESSWAY PAVEMENT MARKING (DISTRICT 7 DETAIL NO. 78000002)

HIGHWAY STANDARDS

STANDARD NO.	<u>DESCRIPTION</u>
000001 - 08	STANDARD SYMBOLS, ABBREVIATIONS, AND PATTERNS
001006	DECIMAL OF AN INCH AND OF A FOOT
701400 - 10	APPROACH TO LANE CLOSURE, FREEWAY/EXPRESSWAY
701401 - 12	LANE CLOSURE, FREEWAY/EXPRESSWAY
701426 - 09	LANE CLOSURE, MULTILANE, INTERMITTENT OR MOVING OPERATION, FOR SPEEDS $>=45$ MPH
701901 - 08	TRAFFIC CONTROL DEVICES
780001 - 05	TYPICAL PAVEMENT MARKINGS
781001 - 04	TYPICAL APPLICATIONS OF RAISED REFLECTIVE PAVEMENT MARKINGS
701101 - 05	OFF-ROAD OPERATIONS, MULTILANE, 15' (4.5M) TO 24" (600 MM) FROM PAVEMENT EDGE
701106 - 02	OFF-ROAD OPERATIONS, MULTILANE, MORE THAN 15' (4.5M) AWAY

GENERAL NOTES

THE WORK INCLUDED IN SECTION D7 PVMT PROFILING 2021-1 CONSISTS OF HMA SURFACE REMOVAL, HOT-MIX ASPHALT RESURFACING, PAVEMENT MARKINGS, AND ANY OTHER WORK NECESSARY TO COMPLETE THIS SECTION.

THE PROPOSED PROJECT IS LOCATED UNDER MULTIPLE OVERHEAD STRUCTURES ALONG 1-70 IN FAYETTE, EFFINGHAM, & CUMBERLAND COUNTIES.

RAISED REFLECTIVE PAVEMENT MARKERS SHALL BE PLACED AS DOUBLE MARKERS AS SHOWN IN STANDARD 781001.

THE FOLLOWING MIXTURE REQUIREMENTS ARE APPLICABLE FOR THIS PROJECT:

	AC/PG	DESIGN AIR	MIXTURE	FRICTION	QUALITY
APPLICATION		VOIDS	COMPOSITION	AGGREGATE	MANAGEMENT
POLYMERIZED HMA SURFACE COURSE, STONE MATRIX ASPHALT,	PG 76-22	4.0% ® N=80	IL - 12.5	MIX "E"	00/04
N\$0, MIX "E", (2" TOP LIFT)	PG 76-22	4.0% @ N=80	IL - 12.5	MIX E	QC/QA

THE FOLLOWING RATES OF APPLICATION HAVE BEEN USED IN THE CALCULATING PLAN QUANTITIES: HOT-MIX ASPHALT, STONE MATRIX ASPHALT 130 LBS./SQ. YD/INCH

DRAWN REVISED PLOT SCALE = 100.0000 1 / in. CHECKED REVISED PLOT DATE = 3/23/2021 DATE REVISED

STATE OF ILLINOIS **DEPARTMENT OF TRANSPORTATION**

SCALE:

AND HIGHWAY STANDARDS OF SHEETS STA. TO STA. CONTRACT NO. 74A42

REV. - MS

 F.A.I. RTE.
 SECTION
 COUNTY
 TOTAL SHEETS NO.

 70
 D7 PVMT PROFILING 2021-1
 VARIOUS
 15
 2
 USER NAME = steffenmk DESIGNED REVISED INDEX OF SHEETS, GENERAL NOTES,

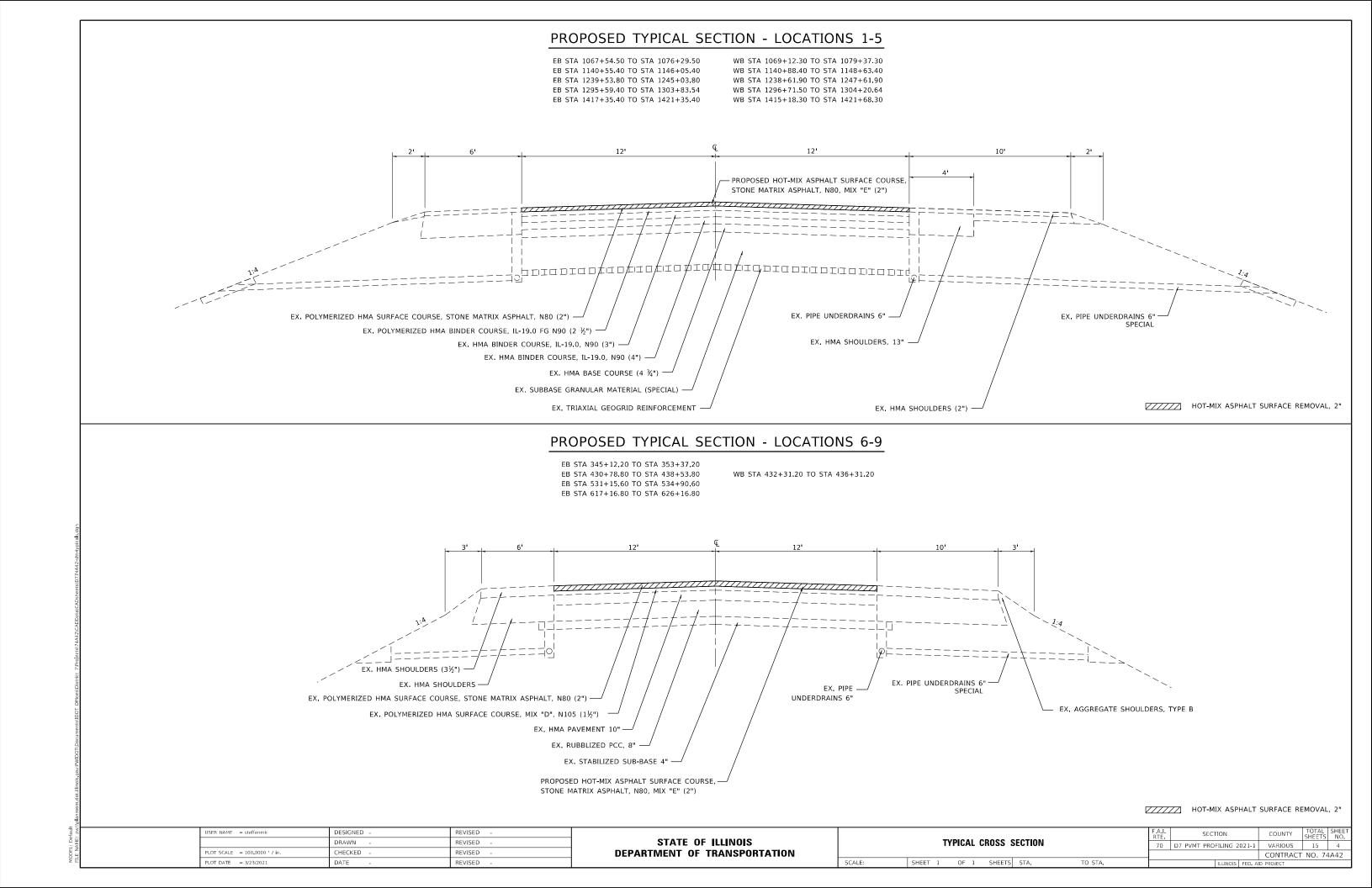
100% STATE 100% STATE

	CLIMANA DV OF OLIANITITIEC			CON	STRUCTION TYPE	CODE		CLIMANA DV OF OLIANITITIES			CON	ISTRUCTION TYPE	CODE
	SUMMARY OF QUANTITIES		TOTAL	0005 CUMBERLAND	0005 EFFINGHAM	0005 FAYETTE		SUMMARY OF QUANTITIES		TOTAL	0005 CUMBERLAND	0005 EFFINGHAM	0005 FAYETTE
CODE NO	ITEM	UNIT	QUANTITIES	COUNTY	COUNTY	COUNTY	CODE NO	ITEM	UNIT	QUANTITIES	COUNTY	COUNTY	COUNTY
40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	12581	3729	3183	5669	X7010237	CHANGEABLE MESSAGE SIGN, SPECIAL	CAL DA	35	15	8	12
40605034	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE,	TON	3636	1078	920	1638	X7010410	SPEED DISPLAY TRAILER	CAL MO	3	1	1	1
	STONE MATRIX ASPHALT, 12.5, MIX "E", N80												
44000157	HOT-MIX ASPHALT SURFACE REMOVAL, 2"	SQ YD	27956	8286	7073	12597	X7830074	GROOVING FOR RECESSED PAVEMENT MARKING 7"	FOOT	23345	6919	5907	10519
							Z0034105	MATERIAL TRANSFER DEVICE	TON	3636	1078	920	1638
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	3	1	1	1							
67100100	MOBILIZATION	L SUM	1	0.34	0.33	0.33							
70100800	TRAFFIC CONTROL AND PROTECTION, STANDARD	L SUM	1	0.34	0.33	0.33							
	701401												
70107007	PAVEMENT MARKING BLACKOUT TAPE, 7"	FOOT	11250	3750	3000	4500							
70107025	CHANGEABLE MESSAGE SIGN	CAL DA	56	28	14	14							
70300100	SHORT TERM PAVEMENT MARKING	FOOT	1869	554	473	842							
70300150	SHORT TERM PAVEMENT MARKING REMOVAL	SQ FT	7182	2371	1907	2904							
70300240	TEMPORARY PAVEMENT MARKING - LINE 6"	FOOT	23345	6919	5907	10519							
78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	23345	6919	5907	10519							
78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	260	77	66	117							

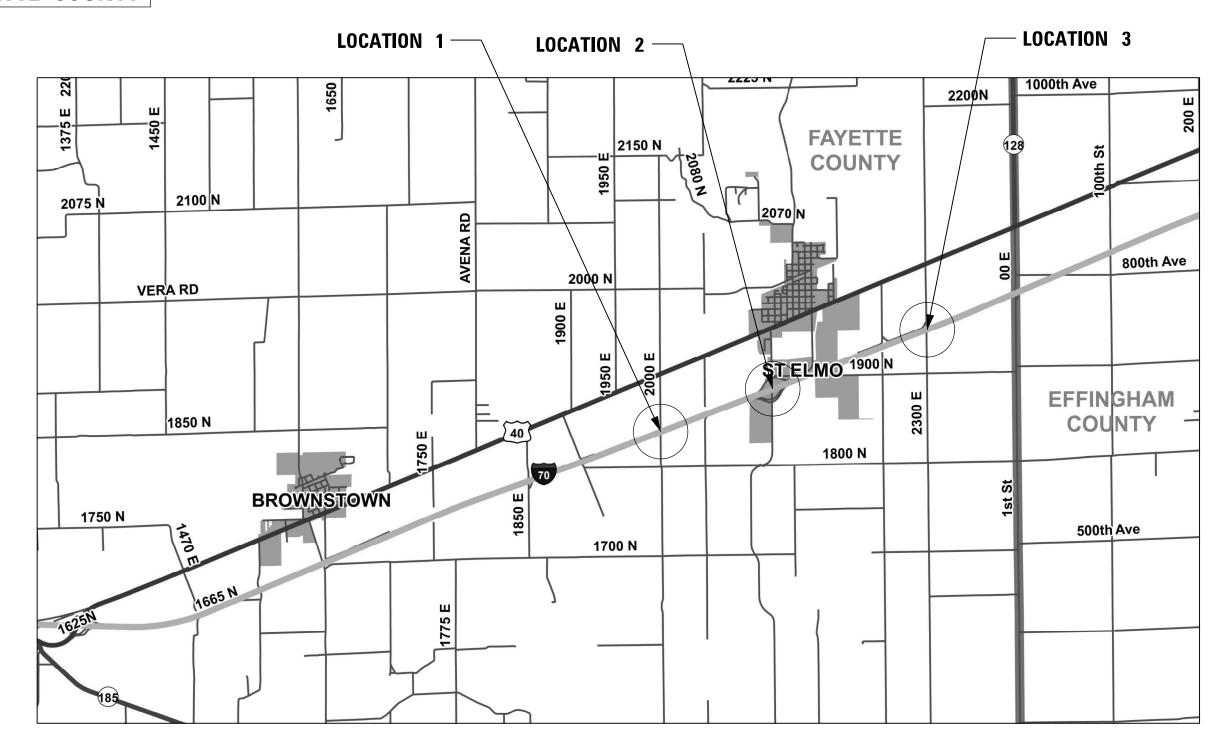
* SPECIALTY ITEM

USER NAME = steffenmk	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 100.0000 / in.	CHECKED -	REVISED -
PLOT DATE = 3/24/2021	DATE -	REVISED

		A				F.A.I. RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
SUMMARY OF QUANTITIES				70	D7 PVMT PROFILING 2021-1	VARIOUS	15	3		
								CONTRACT	NO. 74	1A42
	SHEET	OF	SHEETS	STA.	TO STA.		ILLINOIS FED. A	ID PROJECT		



FAYETTE COUNTY



OVERHEAD LOCATION INFORMATION

COUNTY	LOCATION	STRUCTURE NUMBER	ROUTE	MILEPOST	CENTERLINE BRIDGE STATION	WB/EB	DRIVING LANE/PASSING LANE	ADT
	LOCATION 1	026-0079		74.8	1073+20.85	вотн	вотн	21900
FAYETTE	LOCATION 2	026-0055	I-70	76.1	1143+96.91	вотн	вотн	21900
	LOCATION 3	026-0080		78.0	1242+70.25	вотн	вотн	21700

USER NAME = steffenmk	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 200.0000 / in.	CHECKED -	REVISED -
PLOT DATE = 3/23/2021	DATE -	REVISED -

STATE OF	: ILLINOIS
DEPARTMENT OF	TRANSPORTATION

					. = 10110		F.A.I RTE.	SEC.	TION		COUNTY	SHEETS	NO.
			OVERHEA	ND LOCA	ATIONS		70	D7 PVMT PRO	FILING 2	021-1	VARIOUS	15	5
L											CONTRACT	NO. 74	1A42
	SCALE:	SHEET 1	OF 3	SHEETS	STA.	TO STA.			ILLINOIS	FED. AI	D PROJECT		

MODEL: Default FILE NAME: pwr/Volanroom do

EFFINGHAM COUNTY LOCATION 5 – 1400th Ave 650th St 500th St 1350th Ave **EFFINGHAM 900TH ST** EFFINGHAM 1275TH 1300th Ave R RD/1000TH RD COL 725th **EFFINGHAM** 1200th Ave COUNTY 600th St 200 FUNKHOUSE FAY库 **LOCATION** 4 5th St 1200th St 1100th Ave 1 140 1 50th St 1025th Ave 1000TH 57 70 1000th Ave St **DUTCH LANE** 2200N 650th **ALTAMONT** 925TH 1000th RD 900th Ave 900th Ave 128 875TH 875th Ave 850TH 400th St 800th AVE WATSON 800th Ave 675th St 750TH L1200th St 500th St 700th Ave OVERHEAD LOCATION INFORMATION DRIVING COUNTY LOCATION STRUCTURE NUMBER ROUTE WB/EB ADT BRIDGE ANE/PASSING LANE STATION LOCATION 4 025-0054 1300+02.98 вотн 21700 **EFFINGHAM** LOCATION 5 025-0055 1419+26.78 21700

STATE OF ILLINOIS

DEPARTMENT OF TRANSPORTATION

SECTION

70 D7 PVMT PROFILING 2021-1 VARIOUS 15 6

CONTRACT NO. 74A42

OVERHEAD LOCATIONS

TO STA.

SHEET 2 OF 3 SHEETS STA.

SCALE:

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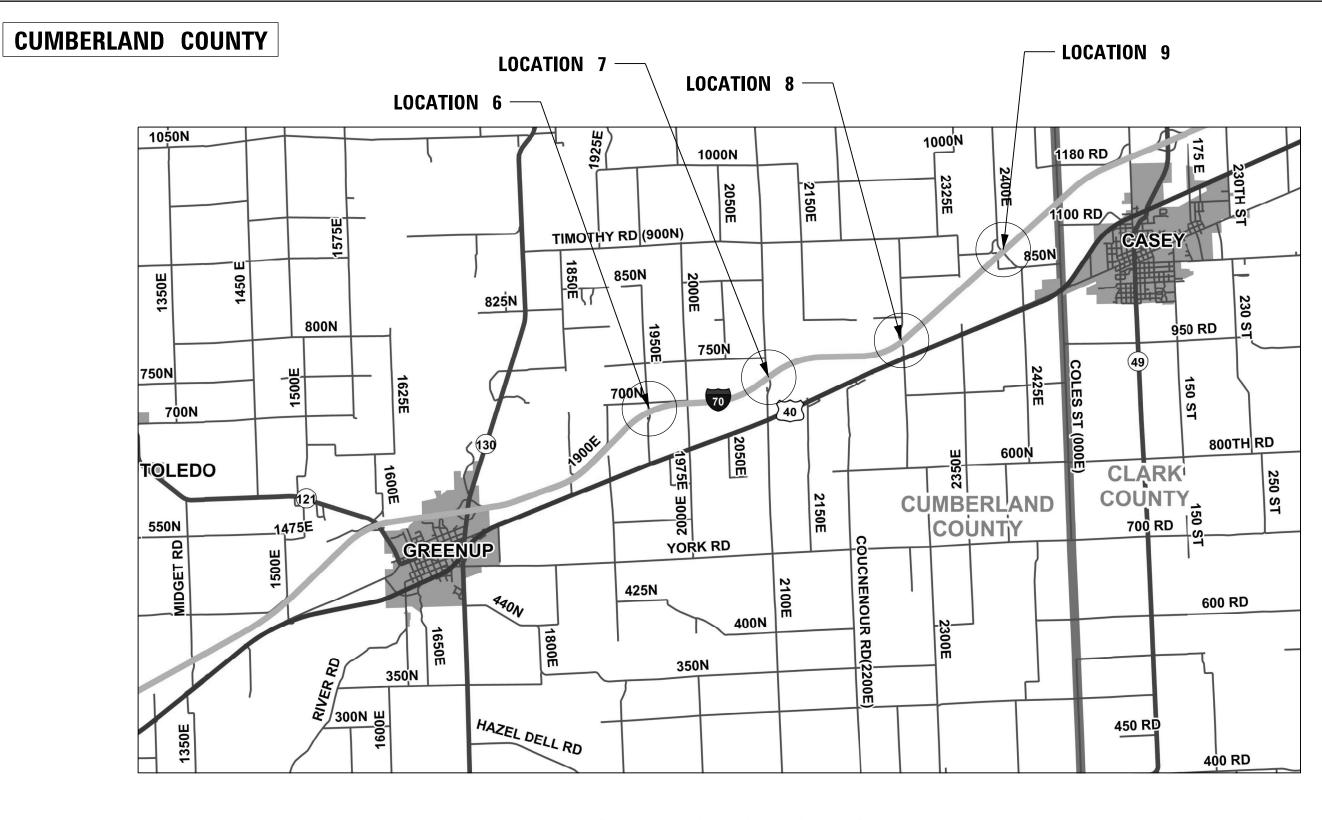
DRAWN

LOT DATE = 3/23/2021

REVISED

REVISED

REVISED



OVERHEAD LOCATION INFORMATION

COUNTY	LOCATION	STRUCTURE NUMBER	ROUTE	MILEPOST	CENTERLINE BRIDGE STATION	WB/EB	DRIVING LANE/PASSING LANE	ADT
	LOCATION 6	018-0038		121.5	348+75.00	EB	вотн	23300
CUMPERIAND	LOCATION 7	018-0016	I-70	123.5	434+42.89	вотн	вотн	23300
CUMBERLAND	LOCATION 8 018-0039	018-0039		125.3	529+81.08	EB	вотн	23300
	LOCATION 9	018-0053		127.0	621+41.81	EB	вотн	23300

USER NAME = steffenmk	DESIGNED -	REVISED -
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PLOT SCALE = 200.0000 / in.	CHECKED -	REVISED -
PLOT DATE = 3/23/2021	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

I			01/EDIIE	F.A.I RTE	SECTION		COUNTY	TOTAL SHEETS	SHEET NO.		
I			OVERHE!	AD LOCA	70	D7 PVMT PROFILING	2021-1	VARIOUS	15	7	
l									CONTRACT	NO. 74	1A42
l	SCALE:	SHEET 3	OF 3	SHEETS		ILLINOIS	FED. A	ID PROJECT			
							•				

USER NAME = steffenmk	DESIGNED -	REVISED -	Г
	DRAWN -	REVISED -	ı
PLOT SCALE = 100.0000 / in.	CHECKED -	REVISED -	ı
PLOT DATE = 3/23/2021	DATE -	REVISED -	
			_

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

SCALE:

	S	CHEDU	JLE	S OF QU	ANTITIES	
SHEET	1	OF	2	SHEETS	STA.	TO STA.

SECTION
 F.A.I. RTE.
 SECTION
 COUNTY
 SHEETS SHEETS
 SHEETS SHEETS

 70
 D7 PVMT PROFILING 2021-1
 VARIOUS
 15
 8
 CONTRACT NO. 74A42

K	- AN	ADDITIONAL	3"	WAS	ADDED	TO	THE	TOTAL	WIDTH	FOR	OVERLAP	АТ	THE C	CL.	JOINT	

	1		GRAND TOTAL =
* - AN ADDITIONAL 3" WAS	ADDED TO THE TOTAL	. WIDTH FOR OVERLAP	AT THE CL JOINT

	1 1											
1415+18.30		1421+68.30	WB	650.0	24.25	2.00	2.00	15,762.5	1,751.4	788.1	227.7	1,751.4
						EFFINGH	HAM COUNTY	TOTAL =		3,182.8	919.5	7,072.9
							ROUND TO:			3,183.0	920.0	7,073.0
						LC	OCATION 6 - 9	S.N. 018-0038				
345+12.20		353+37.20	EB	825.0	24.25	2.00	2.00	20,006.3	2,222.9	1,000.3	289.0	2,222.9
						LC	OCATION 7 - 9	S.N. 018-0016	,			
430+78.80		436+53.80	EB	575.0	24.25	2.00	2.00	13,943.8	1,549.3	697.2	201.4	1,549.3
432+31.20		436+31.20	WB	400.0	24.25	2.00	2.00	9,700.0	1,077.8	485.0	140.1	1,077.8
						LC	OCATION 8 - 9	S.N. 018-0039				
531+15.60		534+90.60	EB	375.0	24.25	2.00	2.00	9,093.8	1,010.4	454.7	131.4	1,010.4
						LC	OCATION 9 - 9	S.N. 018-0053				
617 + 16.80		626+16.80	EB	900.0	24.25	2.00	2.00	21,825.0	2,425.0	1,091.3	315.3	2,425.0
						CUMBERI	LAND COUNT	Y TOTAL =		3,728.4	1,077.1	8,285.4
ROUND TO:									3,729.0	1,078.0	8,286.0	
					GRAND TOTAL =					12,581.0	3,636.0	27,956.0

					LC	OCATION 4 -	S.N. 025-005	1			
1295+59.40	1302+00.50	EB	641.1	24.25	2.00	2.00	15,546.7	1,727.4	777.3	224.6	1,727.4
	STATION EQUATION: STA. 1302+00.50 (BK.) = STA. 1301+99.64										
1301+99.64	1303+83.54	EB	183.9	24.25	2.00	2.00	4,459.6	495.5	223.0	64.4	495.5
1296+71.50	1302+00.50	WB	529.0	24.25	2.00	2.00	12,828.3	1,425.4	641.4	185.3	1,425.4
*	STATION EQUATION: STA. 1302+00.50 (BK.) = STA. 1301+99.64										
1301+99.64	1304+20.64	WB	221.0	24.25	2.00	2.00	5,359.3	595.5	268.0	77.4	595.5
					LC	OCATION 5 -	S.N. 025-005	5			
1417+35.40	1421+35.40	EB	400.0	24.25	2.00	2.00	9,700.0	1,077.8	485.0	140.1	1,077.8
1415+18.30	1421+68.30	WB	650.0	24.25	2.00	2.00	15,762.5	1,751.4	788.1	227.7	1,751.4
	EFFINGHAM COUNTY TOTAL =								3,182.8	919.5	7,072.9
						ROUND TO	:	3,183.0	920.0	7,073.0	

							ASPHALT				HOT-MIX ASPHALT	HOT-MIX
					**	SURFACE	SURFACE			BITUMINOUS	SURFACE COURSE,	ASPHALT
					AVG.	REMOVAL	COURSE			MATERIALS	STONE MATRIX ASPHALT,	SURFACE
				LENGTH	WIDTH	DEPTH	THICKNESS	AREA	AREA	(TACK COAT)	12.5, MIX "E", N80	REMOVAL, 2"
STATION	ТО	STATION	EB/WB	(FOOT)	(FOOT)	(INCH)	(INCH)	(SQ FT)	(SQ YD)	(POUND)	(TON)	(SQ YD)
	LOCATION 1 - S.N. 026-0079											
1067+54.50		1076+29.50	EB	875.0	24.25	2.00	2.00	21,218.8	2,357.6	1,060.9	306.5	2,357.6
1069+12.30		1079+37.30	WB	1,025.0	24.25	2.00	2.00	24,856.3	2,761.8	1,242.8	359.0	2,761.8
						LC	DCATION 2 - S	S.N. 026-0055				
1140+55.40		1146+05.40	EB	550.0	24.25	2.00	2.00	13,337.5	1,481.9	666.9	192.7	1,481.9
1140+88.40		1148+63.40	WB	775.0	24.25	2.00	2.00	18,793.8	2,088.2	939.7	271.5	2,088.2
						LC	OCATION 3 - 9	S.N. 026-0080				
1239+53.80		1245+03.80	EB	550.0	24.25	2.00	2.00	13,337.5	1,481.9	666.9	192.7	1,481.9
1238+61.90		1247+61.90	WB	900.0	24.25	2.00	2.00	21,825.0	2,425.0	1,091.3	315.3	2,425.0
					FAYETTE COUNTY TOTAL =					5,668.4	1,637.5	12,596.5
							ROUND TO:			5,669.0	1,638.0	12,597.0

HOT-MIX ASPHALT HOT MIX

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USER NAME = steffenmk

PLOT DATE = 3/24/2021

DESIGNED -

CHECKED

DRAWN

DATE

REVISED

REVISED REVISED

REVISED

				LENGTH	WIDTH	WIDTH	WHITE	YELLOW	WHITE	YELLOW	WHITE	YELLOW	CRYSTAL	1
STATION	ТО	STATION	EB/WB	(FOOT)	(INCH)	(INCH)	(FOOT)	(FOOT)	(FOOT)	(FOOT)	(FOOT)	(FOOT)	(EACH)	(FOOT)
		,					LOCAT	ION 1 - S.N.	026-0079	,				
1067+54.50		1076+29.50	EB	875.0	6.0	6.0	1,093.8	875.0	122.5	35.0	1,093.8	875.0	21.9	1,968.8
1069+12.30		1079+37.30	WB	1,025.0	6.0	6.0	1,281.3	1,025.0	143.5	41.0	1,281.3	1,025.0	25.6	2,306.3
							LOCAT	ION 2 - S.N.	026-0055					•
1140+55.40		1146+05.40	EB	550.0	6.0	6.0	687.5	550.0	77.0	22.0	687.5	550.0	13.8	1,237.5
140+88.40		1148+63.40	WB	775.0	6.0	6.0	968.8	775.0	108.5	31.0	968.8	775.0	19.4	1,743.8
							LOCAT	ION 3 - S.N.	026-0080					
1239+53.80		1245+03.80	EB	550.0	6.0	6.0	687.5	550.0	77.0	22.0	687.5	550.0	13.8	1,237.5
1238+61.90		1247+61.90	WB	900.0	6.0	6.0	1,125.0	900.0	126.0	36.0	1,125.0	900.0	22.5	2,025.0
•			SU	B TOTAL =	-		5,843.8	4,675.0	654.5	187.0	5,843.8	4,675.0		
		FA	YETTE	COUNTY T	OTAL =		10,5	18.8	84	1.5	10,5	18.8	116.9	10,518.8
			R	OUND TO:			10,5	19.0	842	2.0	10,5	19.0	117.0	10,519.0
							LOCAT	ION 4 - S.N.	025-0054					
1295+59.40		1302+00.50	FB	641.1	6.0	6.0	801.4	641.1	89.8	25.6	801.4	641.1	16.0	1,442.5
					S	TATION EC	QUATION: STA	A. 1302+00.50	O(BK.) = 9	STA. 1301+	99.64			
1301+99.64		1303+83.54	EB	183.9	6.0	6.0	229.9	183.9	25.7	7.4	229.9	183.9	4.6	413.8
1296+71.50		1302+00.50	WB	529.0	6.0	6.0	661.3	529.0	74.1	21.2	661.3	529.0	13.2	1,190.3
					S	TATION EC	QUATION: STA	A. 1302+00.50	O(BK.) = S	STA. 1301+	99.64			
1301+99.64		1304+20.64	WB	221.0	6.0	6.0	276.3	221.0	30.9	8.8	276.3	221.0	5.5	497.3
							LOCAT	ION 5 - S.N.	025-0055					
1417+35.40		1421+35.40	EB	400.0	6.0	6.0	500.0	400.0	56.0	16.0	500.0	400.0	10.0	900.0
1415+18.30		1421+68.30	WB	650.0	6.0	6.0	812.5	650.0	91.0	26.0	812.5	650.0	16.3	1,462.5
			SU	B TOTAL =	=		3,281.3	2,625.0	367.5	105.0	3,281.3	2,625.0		
		EFF		1 COUNTY	TOTAL =		5,90		472		5,90		65.6	5,906.3
			R	OUND TO:			5,90	17.0	473	3.0	5,90	7.0	66.0	5,907.0
							-	ION 6 - S.N.						
345+12.20		353+37.20	EB	825.0	6.0	6.0	1,031.3	825.0	115.5	33.0	1,031.3	825.0	20.6	1,856.3
								ION 7 - S.N.	2 3 3 4 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5					
430+78.80		436+53.80	EB	575.0	6.0	6.0	718.8	575.0	80.5	23.0	718.8	575.0	14.4	1,293.8
432+31.20		436+31.20	WB	400.0	6.0	6.0	500.0	400.0	56.0	16.0	500.0	400.0	10.0	900.0
F21 : 1F C0		T 524 : 00 C0	ED	275.0				ION 8 - S.N.		15.0	460.0	275.0	0.4	0.42.0
531+15.60		534+90.60	EB	375.0	6.0	6.0	468.8	375.0	52.5	15.0	468.8	375.0	9.4	843.8
517 . 15 00		525.45.00		0000				ION 9 - S.N.		26.0	4.405.0		22.5	2.025.0
617+16.80		626+16.80	EB	900.0	6.0	6.0	1,125.0	900.0	126.0	36.0	1,125.0	900.0	22.5	2,025.0
		6111		B TOTAL =			3,843.8	3,075.0	430.5	123.0	3,843.8	3,075.0	76.0	6.010.0
		CUM	REKTAN	D COUNTY	TOTAL =	:	6,918.8		553.5 6,918.8			76.9	6,918.8	
			7	OLIND TO			C 0 1							
			R	OUND TO:			6,91	.9.0	554	4.0	6,91	.9.0	77.0	6,919.0
			2000	OUND TO:				45.0	10000	69.0		45.0	260.0	23,345.0

STATE OF ILLINOIS

DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKING

SHORT TERM

PAVEMENT

MARKING

TEMPORARY

PAVEMENT

MARKING - LINE 6"

SCALE:

THERMOPLASTIC

PAVEMENT

MARKING - LINE 6"

EL

STRIPE STRIPE

CL

RAISED

REFLECTIVE

PAVEMENT

MARKERS

GROOVING FOR

RECESSED PAVEMENT

MARKING 7"

SCHEDULES OF QUANTITIES

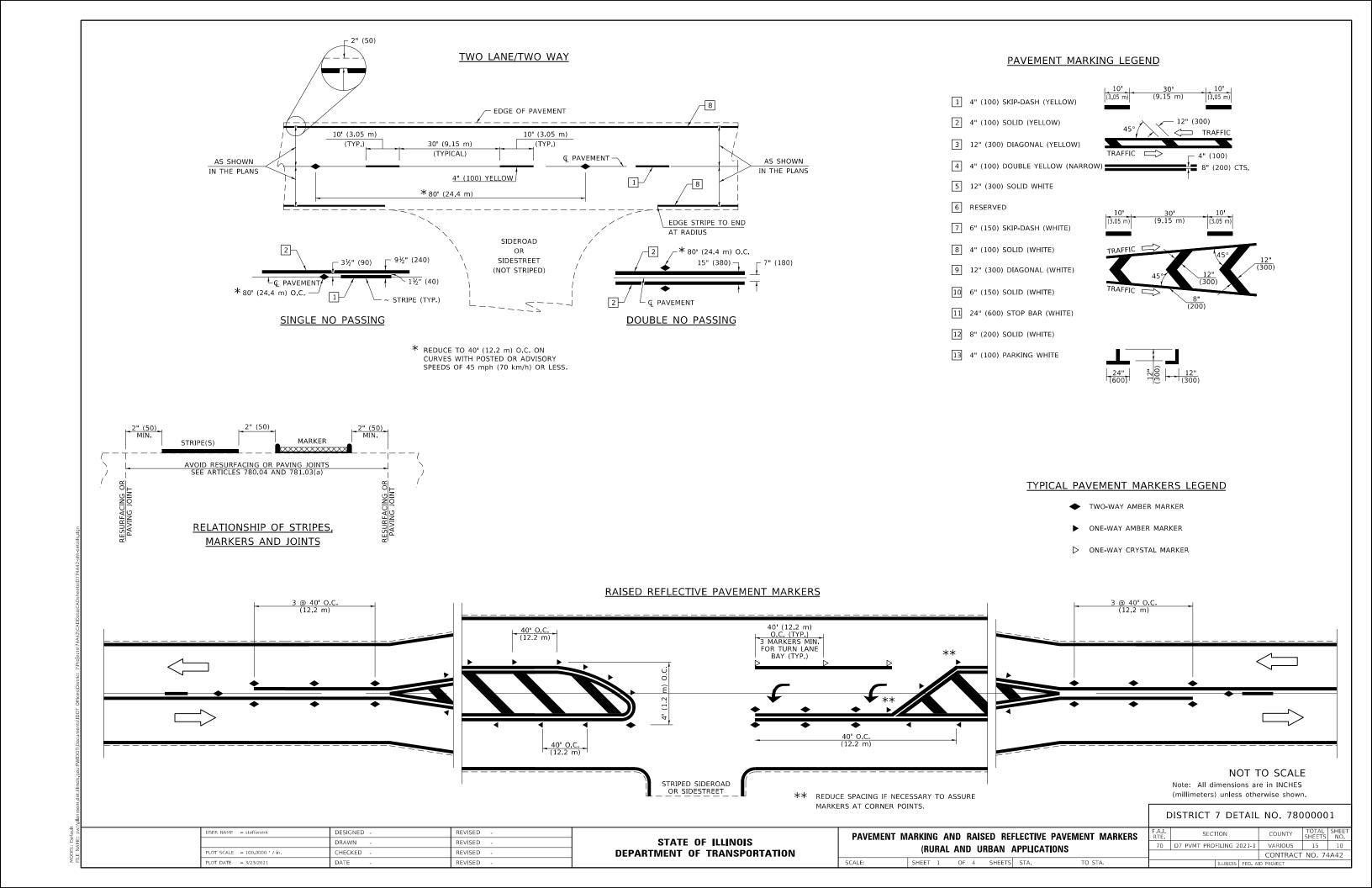
TO STA.

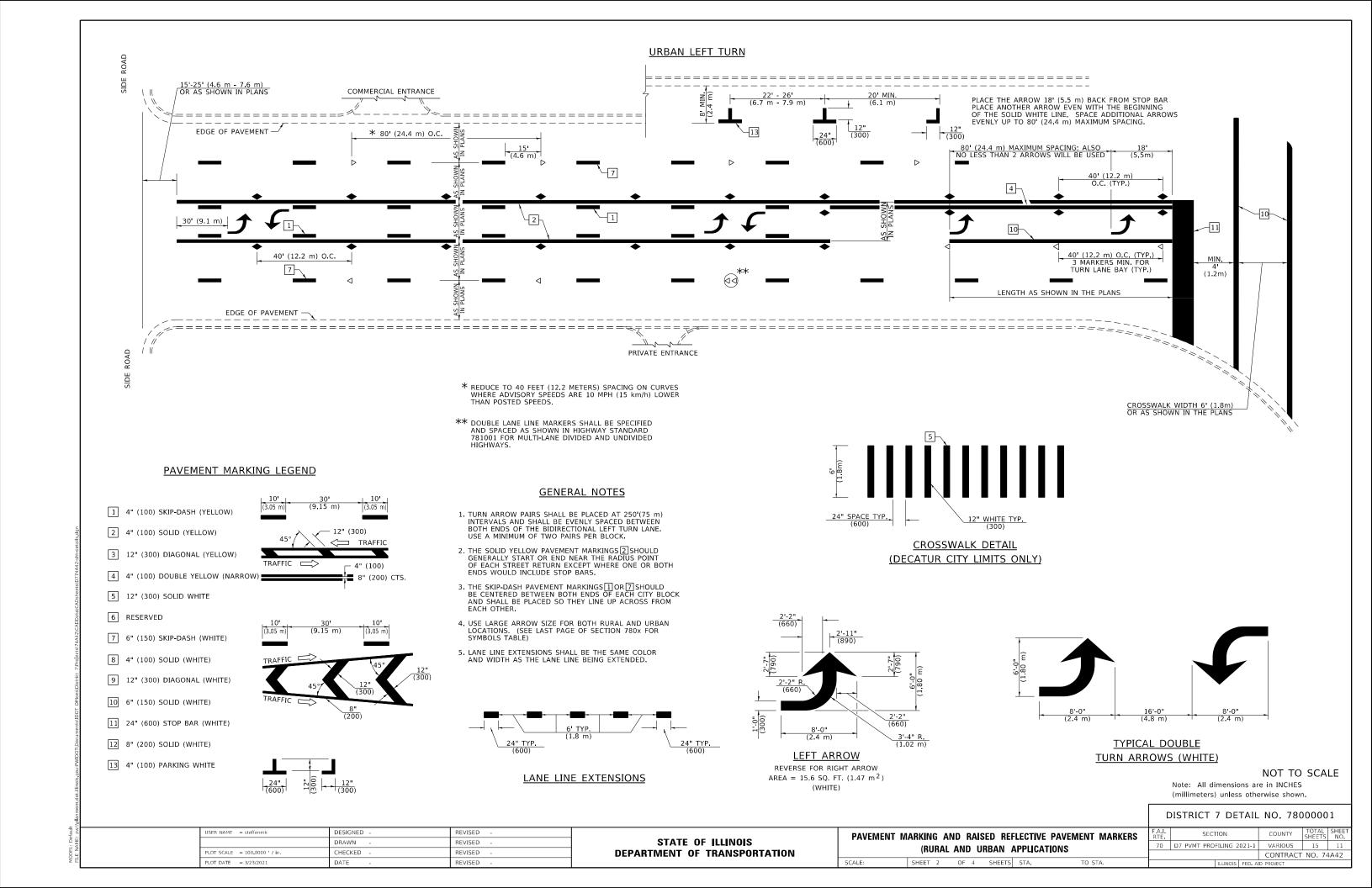
SHEET 2 OF 2 SHEETS STA.

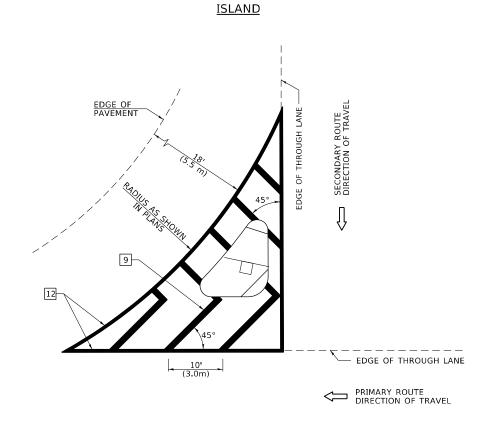
F.A.I. RTE. SECTION COUNTY TOTAL SHEETS NO.

70 D7 PVMT PROFILING 2021-1 VARIOUS 15 9

CONTRACT NO. 74A42



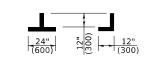


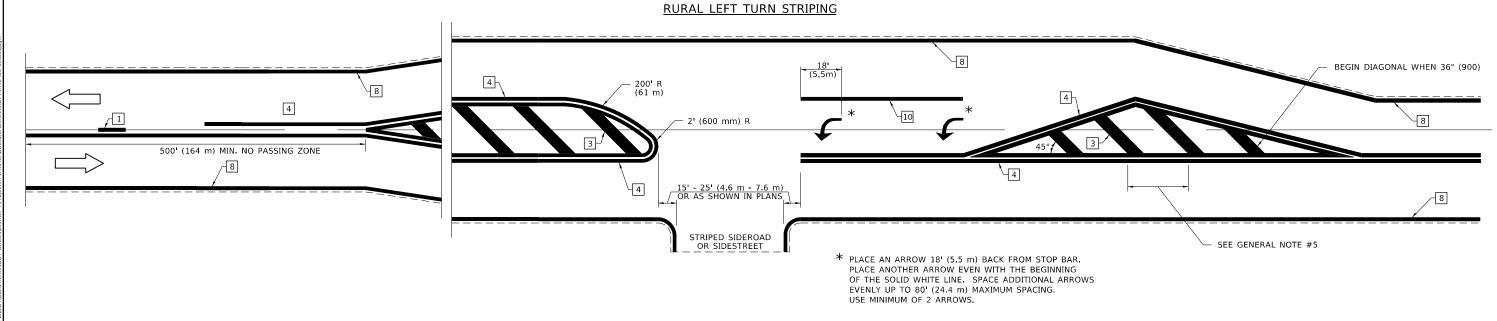


PAVEMENT MARKING LEGEND

- 1 4" (100) SKIP-DASH (YELLOW) (3.05 m) (9.15 m) (3.05 m)
- 5 12" (300) SOLID WHITE
- 6 RESERVED

 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





GENERAL NOTES

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

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

2. SOME OF THE INFORMATION INCLUDED WITH THIS

THE DIAGONAL PAVEMENT MARKING SPACING:

OMISSIONS WHEN APPLICABLE,

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

NOT TO SCALE

CONTRACT NO. 74A42

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

	DISTRICT 7 DETAIL	. NO. 780	0000	1
F.A.I. RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
70	D7 DVMT DDOELING 2021 1	VADIOUS	15	12

JSER NAME = steffenmk

PLOT DATE = 3/23/2021

DESIGNED

DRAWN

DATE

HECKED

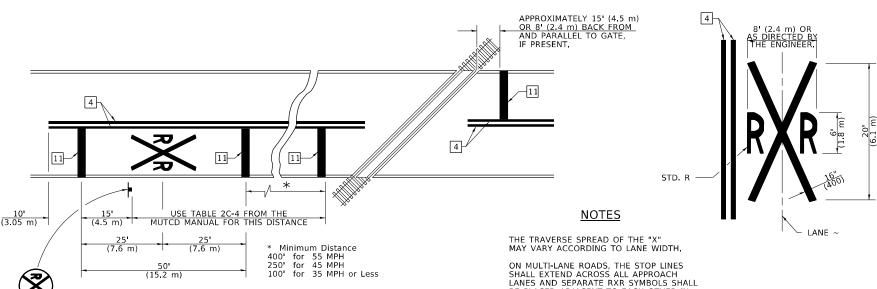
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REVISED





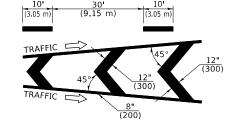
BE PLACED ADJACENT TO EACH OTHER IN EACH LANE.

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.

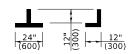
PAVEMENT MARKING LEGEND

- 1 4" (100) SKIP-DASH (YELLOW)
- 2 4" (100) SOLID (YELLOW)
- 3 12" (300) DIAGONAL (YELLOW)
- **-** 4" (100) 4 4" (100) DOUBLE YELLOW (NARROW)
- 5 12" (300) SOLID WHITE
- 6 RESERVED
- 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

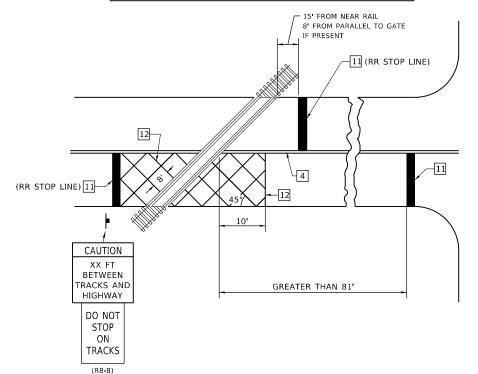


<
☐ TRAFFIC

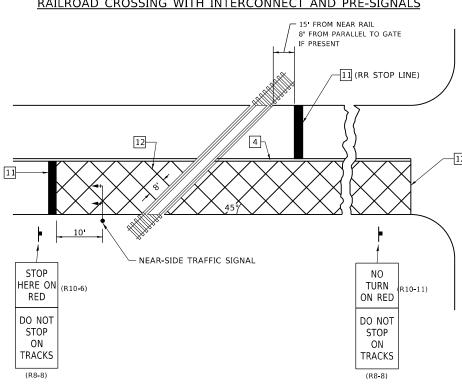
= 8" (200) CTS,



RAILROAD CROSSING WITH INTERCONNECT ONLY



RAILROAD CROSSING WITH INTERCONNECT AND PRE-SIGNALS



1. SUPPLEMENTAL PAVEMENT MARKINGS TO BE INSTALLED ONLY ON APPROACHES TO INTERSECTIONS CONTROLLED BY TRAFFIC SIGNALS WHICH ARE INTERCONNECTED WITH THE RAILROAD WARNING SIGNALS.

GENERAL NOTES

2. EXTEND PAVEMENT MARKINGS TO THE INTERSECTION ONLY WHERE NEAR-SIDE TRAFFIC SIGNALS ARE USED.

SUPPLEMENTAL PAVEMENT MARKING TREATMENT FOR RAILROAD-HIGHWAY GRADE CROSSING

NOT TO SCALE Note: All dimensions are in INCHES

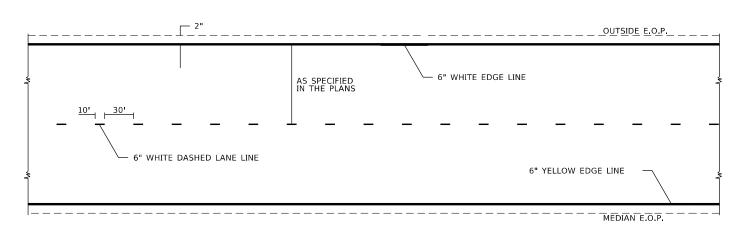
(millimeters) unless otherwise shown. DISTRICT 7 DETAIL NO. 78000001

JSER NAME = steffenmk DESIGNED REVISED DRAWN REVISED HECKED REVISED PLOT DATE = 3/23/2021 DATE REVISED

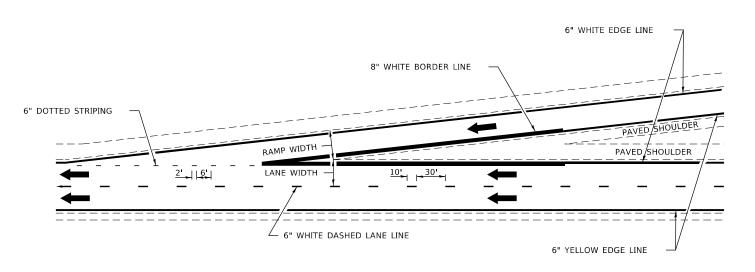
STATE OF ILLINOIS **DEPARTMENT OF TRANSPORTATION** PAVEMENT MARKING AND RAISED REFLECTIVE PAVEMENT MARKERS (RURAL AND URBAN APPLICATIONS SHEET 4 OF 4 SHEETS STA.

SECTION 70 D7 PVMT PROFILING 2021-1 VARIOUS 15 13 CONTRACT NO. 74A42

TYPICAL EXIT RAMP MARKING



TYPICAL CENTERLING & EDGELINE MARKINGS

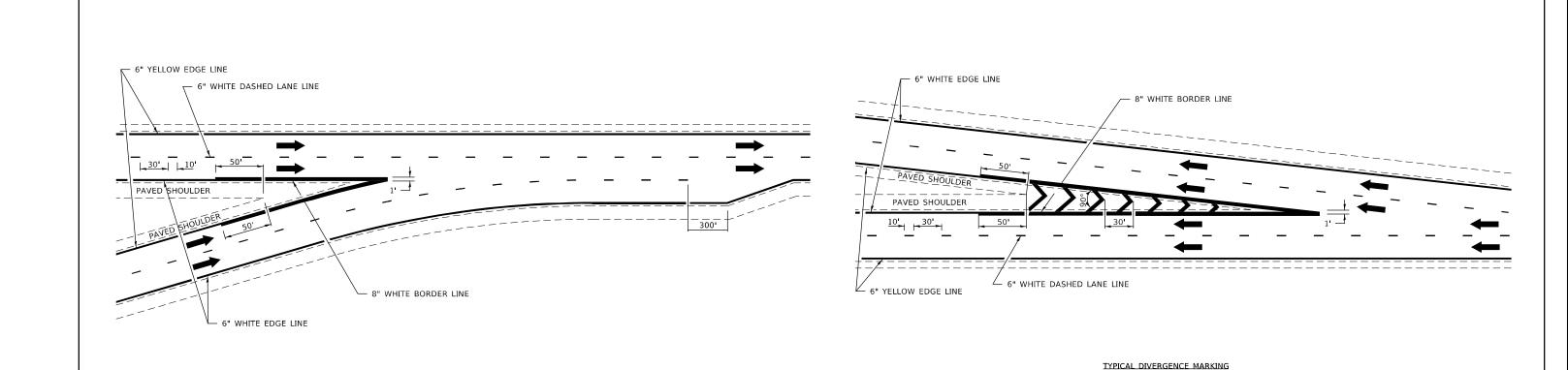


TYPICAL ENTRANCE RAMP MARKING

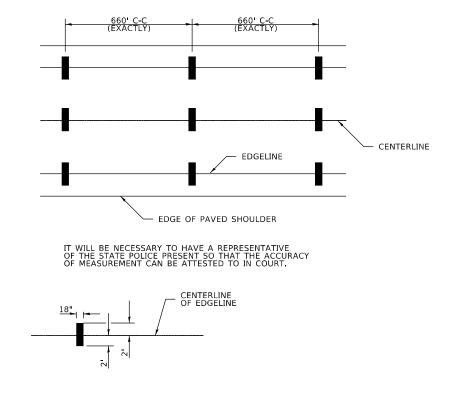
NOT TO SCALE

	DI	STRICT 7 DETAIL	L NO. 78	0000	02
SWAY	VAY F.A.I. RTE.		COUNTY	TOTAL SHEE SHEETS NO.	
	70	D7 PVMT PROFILING 2021-1	VARIOUS	15	14
			CONTRACT	NO. 74	1A42

USER NAME = steffenmk	DESIGNED -	REVISED -	MKS 04-08
	DRAWN -	REVISED -	DRM 01-09
PLOT SCALE = 100.0000 / in.	CHECKED -	REVISED -	DRM 12-10
PLOT DATE = 3/23/2021	DATE -	REVISED -	MAD 01-20



AERIAL SPEED CHECK ZONES



NOT TO SCALE

DI	STRICT	7 DE	TAI	L NO. 78	0000	02
F.A.I. RTE	SECTION D7 PVMT PROFILING 2021-1		COUNTY	TOTAL SHEETS	SHEET NO.	
70			VARIOUS	15	15	
CONTR				CONTRACT	NO. 74	1A42
		ILLINOIS	FED. A	ID PROJECT		

USER NAME = steffenmk	DESIGNED -	REVISED	-	MMO 12-99
	DRAWN -	REVISED	-	DRM 08-04
PLOT SCALE = 100.0000 / in.	CHECKED -	REVISED	-	MKS 04-08
PLOT DATE = 3/23/2021	DATE -	REVISED	-	DRM 01-09

TYPICAL CONVERGENCE MARKING

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TYPICAL APPLICATIONS OF FREEWAY/EXPRESSWAY
PAVEMENT MARKING

SHEET 2 OF 2 SHEETS STA. TO STA. ILLINOIS FED. A

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