# 04-25-2025 LETTING ITEM 115

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FOR INDEX OF SHEETS, SEE SHEET NO. 2 ADT = 900(2023)

# STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

# PROPOSED HIGHWAY PLANS

FAS ROUTE 805 SECTION (101,101Z)RS-1 PROJECT STP-H23J(607) SMART OVERLAY LAWRENCE COUNTY

C-97-123-23



GROSS LENGTH = 10,100.00 FT. = 1.913 MILE NET LENGTH = 10,100.00 FT. = 1.913 MILE

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

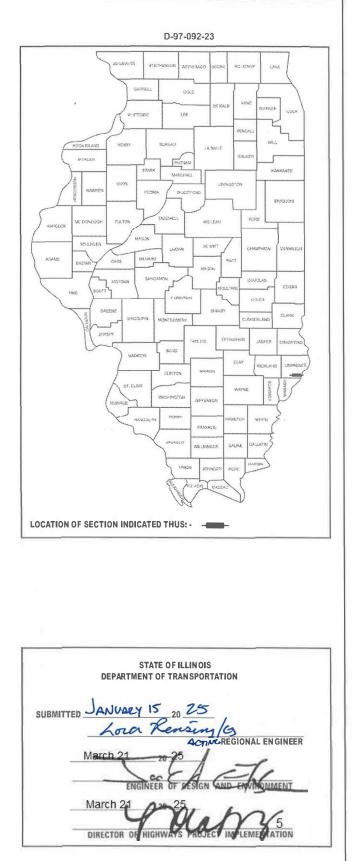
J.U.L.I.E.

JOINT UTILITY LOCATION INFORMATION FOR EXCAVATION 1-800-892-0123 OR 811

# PROJECT ENGINEER: MATT BOWER PROJECT MANAGER: LEVI LUND

**CONTRACT NO. 74C46** 

F.A.S. RTE	SECTION		COUNTY	SHEETS	SHEET
805	(101.101Z) RS-1		LAWRENCE	9	3
		ILLINOIS	CONTRAC	T NO. 740	C46



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# **INDEX OF SHEETS**

### 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
- 6-9 DETAILS

# **GENERAL NOTES**

WHEN APPLYING SHORT TERM PAVEMENT MARKINGS, TEMPORARY TAPE SHALL BE USED ON THE SURFACE AND PAINT SHALL BE USED ON THE MILLED SURFACES.

STANDARD NO.	DESCRIPTION
000001-08	STANDARD SYMBOLS, ABBREVIATIONS AND PATT
001006	DECIMAL OF AN INCH AND OF A FOOT
442201-03	CLASS C AND D PATCHES
667101-02	PERMANENT SURVEY MARKERS
668001-01	U.S. GEOLOGICAL SURVEY AND NATIONAL GEODE
701006-05	OFF-RD OPERATIONS, 2L, 2W, 15' TO 24" FROM PA
701201-05	LANE CLOSURE, 2L, 2W, DAY ONLY, FOR SPEEDS
701301-04	LANE CLOSURE, 2L, 2W, SHORT TIME OPERATION
701306-04	LANE CLOSURE, 2L, 2W, SLOW MOVING OPERATION
701311-03	LANE CLOSURE, 2L, 2W, MOVING OPERATIONS - E
701901-10	TRAFFIC CONTROL DEVICES
780001-05	TYPICAL PAVEMENT MARKINGS
420001-10	PAVEMENT JOINTS
781001-04	TYPICAL APPLICATIONS RAISED REFLECTIVE PAV

	THE FOLLOWING MIXTURE REQUIREMENTS ARE APPLICABLE TO THIS PROJECT:									
LOCATION(S)	MIXTURE USE(S)	PG	DESIGN AIR VOIDS	MIXTURE COMPOSITIO N	FRICTION AGGREGATE	MIXTURE WEIGHT	QUALITY MANAGEMENT PROGRAM	SUBLOT SIZE	MATERIAL TRANSFER DEVICE (REQUIRED?)	
MAINLINE	HMA SURFACE COURSE, IL-9.5, MIX "C", N70 (1.5")	PG 64-22	4.0% @ N=70	IL - 9.5	MIXTURE C	N70	QCP	1000	N/A	
PATCHING	HMA BINDER COURSE, IL-19.0, N70	PG 64-22	4.0% @ N=70	IL - 19.0	N/A	N70	QCQA	3000	N/A	
INCIDENTAL	HMA SURFACE COURSE, IL-9.5, MIX "C", N70	PG 64-22	4.0% @ N=70	IL - 9.5	MIXTURE C	N70	QCQA	3000	N/A	

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USER NAME = levi.lund	DESIGNED -	REVISED -			GENERAL NOTES & INDEX OF SHEETS				F.A.S BTE	SECTION	COUNTY	TOTAL	SHEET	
	DRAWN -	REVISED -	STATE OF ILLINOIS		GENER	AL NOTI	es & Ind	EX OF SHEE	TS	805	(101,101Z)RS-1	LAWRENCE	9	2
	CHECKED -	REVISED -	DEPARTMENT OF TRANSPORTATION	SCALE: SHEET 2 OF 9 SHEETS STA. TO STA.						CONTRAC	T NO. 740	46		
PLOT DATE = 1/28/2025	DATE -	REVISED -							ILLINOIS FED. A	J. AID PROJECT				

TERNS

DETIC SURVEY BENCHMARKS, RESETTING METHOD PAVEMENT EDGE DS ≥ 45 MPH DNS TIONS DAY ONLY, FOR SPEEDS ≥ 45 MPH - DAY ONLY

AVEMENTMARKERS

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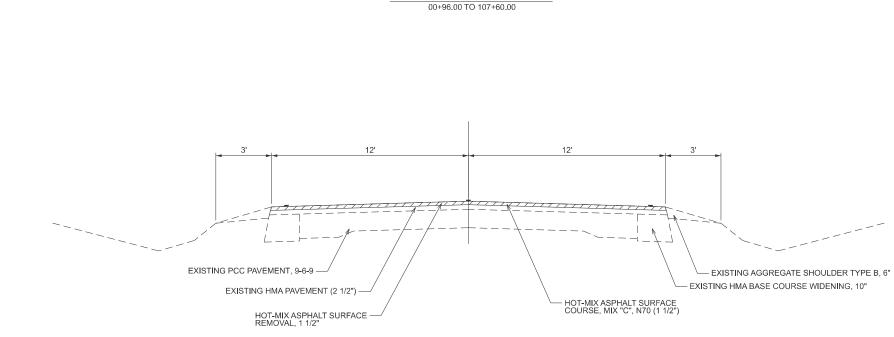
CODE NO.	ITEM	UNIT	TOTAL QUANTITY	ROADWAY 0005 RURAL
40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	12797	12797
40600370	LONGITUDINAL JOINT SEALANT	FOOT	10664	10664
40600990	TEMPORARY RAMP	SQ YD	160	160
40604052	HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "C", N70	TON	2389	2389
44000155	HOT-MIX ASPHALT SURFACE REMOVAL, 1 1/2"	SQ YD	28437	28437
44201789	CLASS D PATCHES, TYPE II, 12 INCH	SQ YD	202	202
44201794	CLASS D PATCHES, TYPE III, 12 INCH	SQ YD	16	16
48102100	AGGREGATE WEDGE SHOULDER, TYPE B	TON	262	262
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	3	3
67000600	ENGINEERS FIELD LABORATORY	CAL MO	3	3
67100100	MOBILIZATION	LSUM	1	1
70100450	TRAFFIC CONTROL AND PROTECTION, STANDARD 701201	L SUM	1	1
70100460	TRAFFIC CONTROL AND PROTECTION, STANDARD 701306	L SUM	1	1
70107025	CHANGEABLE MESSAGE SIGN	CAL DA	28	28
70300100	SHORT TERM PAVEMENT MARKING	FOOT	1066	1066
70300150	SHORT TERM PAVEMENT MARKING REMOVAL	SQ FT	355	355
70300221	TEMPORARY PAVEMENT MARKING - LINE 4"- PAINT	FOOT	24593	24593

			80% FED 20% STATE	
				ROADWAY
CODE			TOTAL	0005
NO.	ITEM	UNIT	QUANTITY	RURAL
5				
78001110	PAINT PAVEMENT MARKING - LINE 4"	FOOT	24593	24593
-				
78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	134	134
78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	134	134
Z0049799	PROTECTING OR RESETTING SURVEY MARKERS	EACH	9	9

# \* SPECIALTY ITEM

USER NAME = levi.lund	DESIGNED -	REVISED -							F.A.S	SECTION	COUNTY	TOTAL SHEETS	SHEET
	DRAWN _	REVISED _	STATE OF ILLINOIS	SUMMARY OF QUANTITIES				805	(101,101Z)RS-1	LAWRENCE	9	3	
	CHECKED _	REVISED _	DEPARTMENT OF TRANSPORTATION							,	CONTRAC	T NO. 74C	;46
 PLOT DATE = 1/15/2025	DATE -	REVISED -		SCALE: SHEET 3 OF 9 SHEETS STA. TO STA.						ILLINOIS FED. AI	PROJECT		

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TYPICAL CROSS SECTION

NOTE: TYPICAL NOT DRAWN TO SCALE

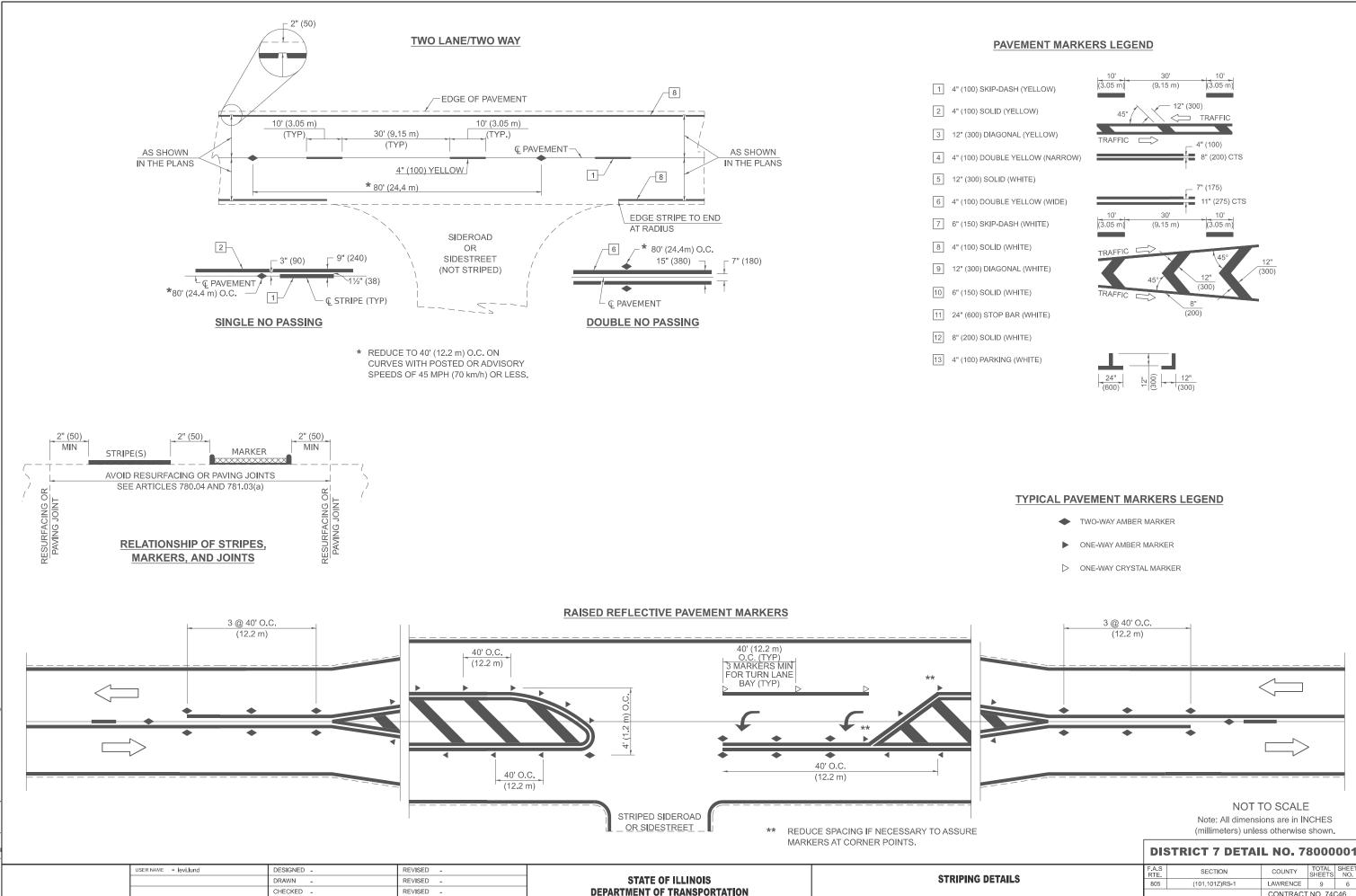
USER NAME = levi.lund	DESIGNED -	REVISED -								F.A.S BTE	SECTION	COUNTY	TOTAL SH	EET
	DRAWN -	REVISED -	STATE OF ILLINOIS					SECTION		805	(101,101Z)RS-1	LAWRENCE	9	÷
	CHECKED -	REVISED -	DEPARTMENT OF TRANSPORTATION									CONTRACT	F NO. 74C46	
PLOT DATE = 1/9/2025	DATE -	REVISED -		SCALE:	SHEET 1	OF 9	SHEETS	STA.	TO STA.		ILLINOIS FED.	AID PROJECT		

		STRIPINO	SCHEDU	LE		
	SCHEDULE	1	SHORT TERM PAVEMENT MARKING	SHORT TERM PAVEMENT MARKING REMOVAL	PAINT PAVEMENT MARKING - LINE 4" (WHITE)	PAINT PAVEMENT MARKING - LINE 4" (YELLOW)
STA	то	STA	(FOOT)	(SQ FT)	(FOOT)	(FOOT)
00+96		98+59	976.3	325.4	19411	2441
98+59		106+24	76.5	25.5	1460	956
106+24		107+41	11.7	3.9	234	29
107+41		107+60	1.9	0.6	38	24
		TOTAL:	1066	355	21143	3450

S	HOULDER	SCHEDULE	
	SCHEDULE	E	AGGREGATE WEDGE SHOULDER
STA	TO	STA	(TONS)
00+96		10+33	17.7
10+33		73+50	160
73+50		107+60	83.9
		TOTAL:	262

	PERMAN	ENT SURVEY MA	RKER SCH	EDULE	
Point No.	Northing	Easting	Station	Offset	Description
1000	701128.524	1168883.301	19+99.44	0.0'	Disk - PC
1001	701142.795	1169384.9	25+01.19	3.97' LT.	Disk - Pl
1002	701145.867	1169495.684	26+11.94	5.96' LT.	Mag Nail - Sec.Cor.
1003	701138.188	1170592.001	37+37.52	0.75' RT.	Mag Nail - Sec.Cor.
1004	701136.938	1171230.983	43+47.24	0.0'	Disk - PC
1005	701135.33	1171731.08	48+47.24	0.75' RT.	Disk - Pl
1006	701135.876	1171746.887	48+63.15	0.13' RT.	Iron Pin - Sec.Cor.
1007	701136.572	1172231.067	53+47.24	0.0'	Disk - PT
1008	701142.744	1174428.291	75+44.51	0.0'	Iron Pin - Sec.Cor.

USER NAME = levi.lund	DESIGNED -	REVISED -								F.A.S RTE	SECTION	COUNTY T	OTAL SHEET
	DRAWN -	REVISED -	STATE OF ILLINOIS	SCHEDULE OF QUANTITIES					805	(101,101Z)RS-1	LAWRENCE	9 5	
	CHECKED -	REVISED -	DEPARTMENT OF TRANSPORTATION							CONTRACT N	JO. 74C46		
PLOT DATE = 1/14/2025	DATE -	REVISED -		SCALE:	SHEET 5	OF 9	SHEETS	STA.	TO STA.		ILLINOIS FED. AID PROJECT		

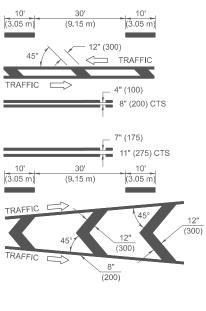


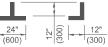
PLOT DATE = 1/2/2025

DATE

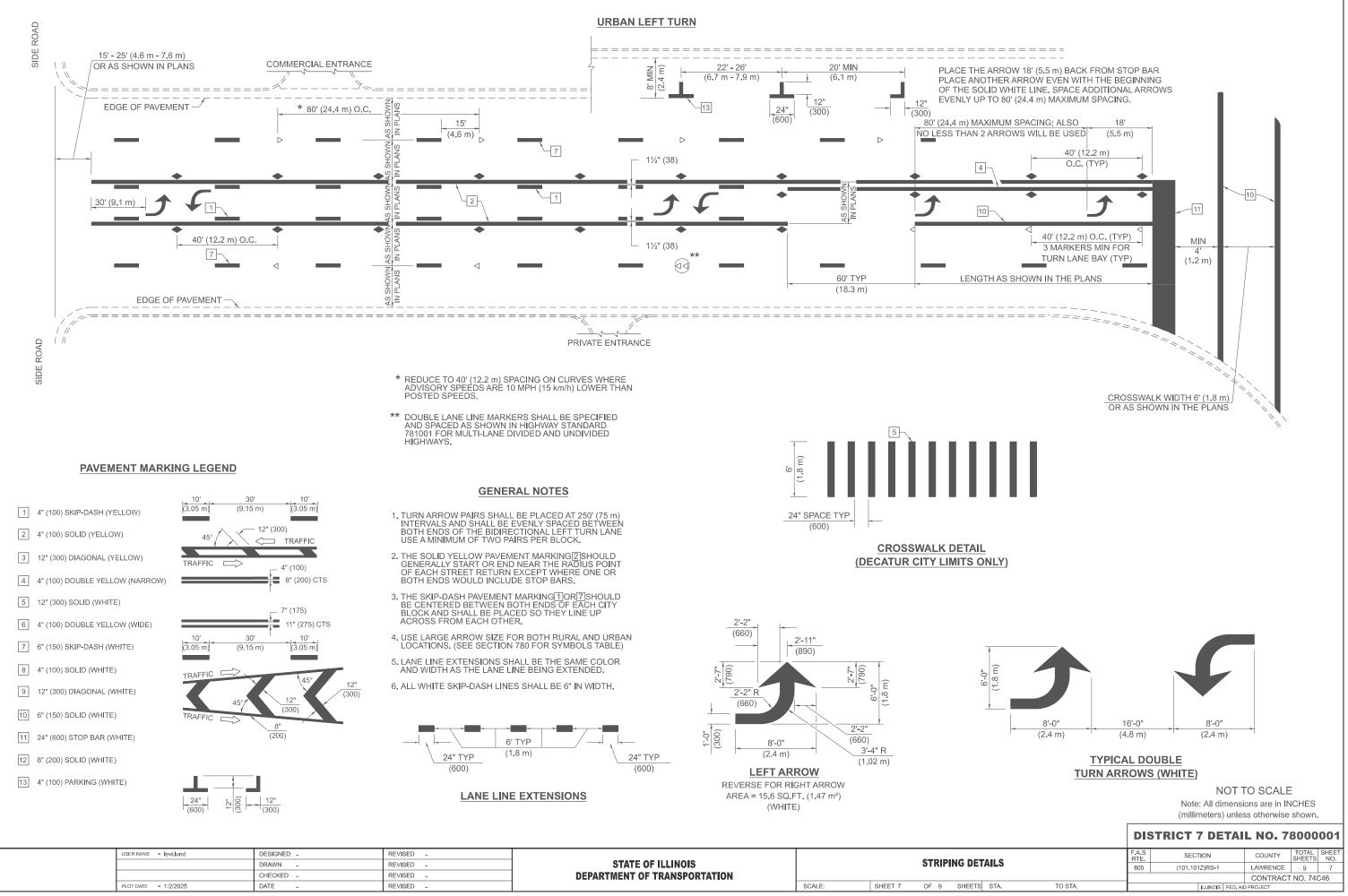
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SCALE: SHEET 6 OF 9 SHEET



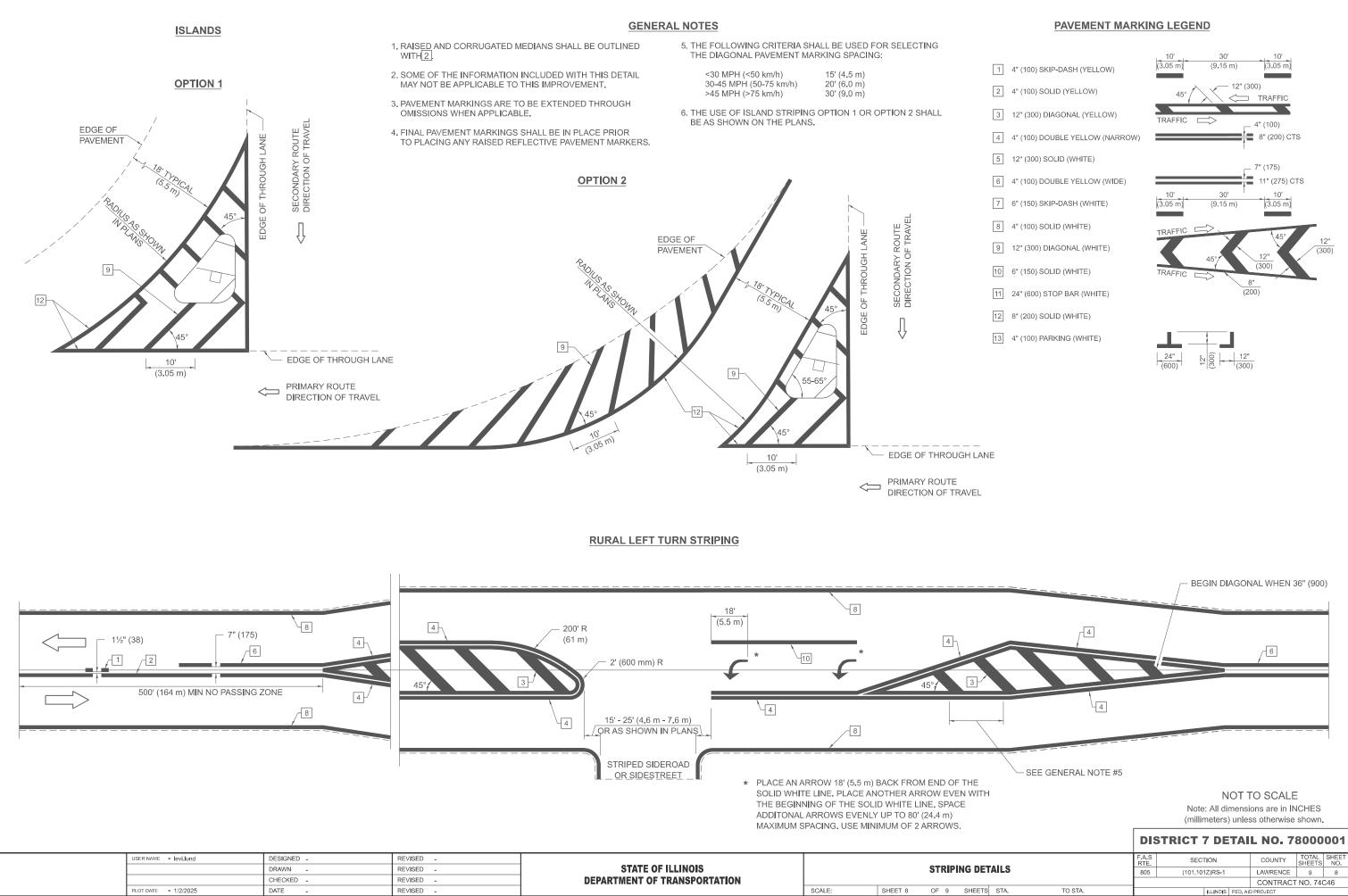


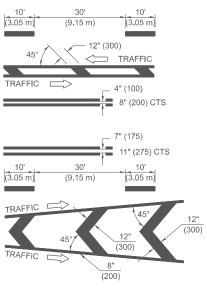
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ETAILS		F.A.S RTE.				COUNTY	TOTAL SHEETS	SHEET NO.	
		805	(101,101Z)RS-1			LAWRENCE	9	6	
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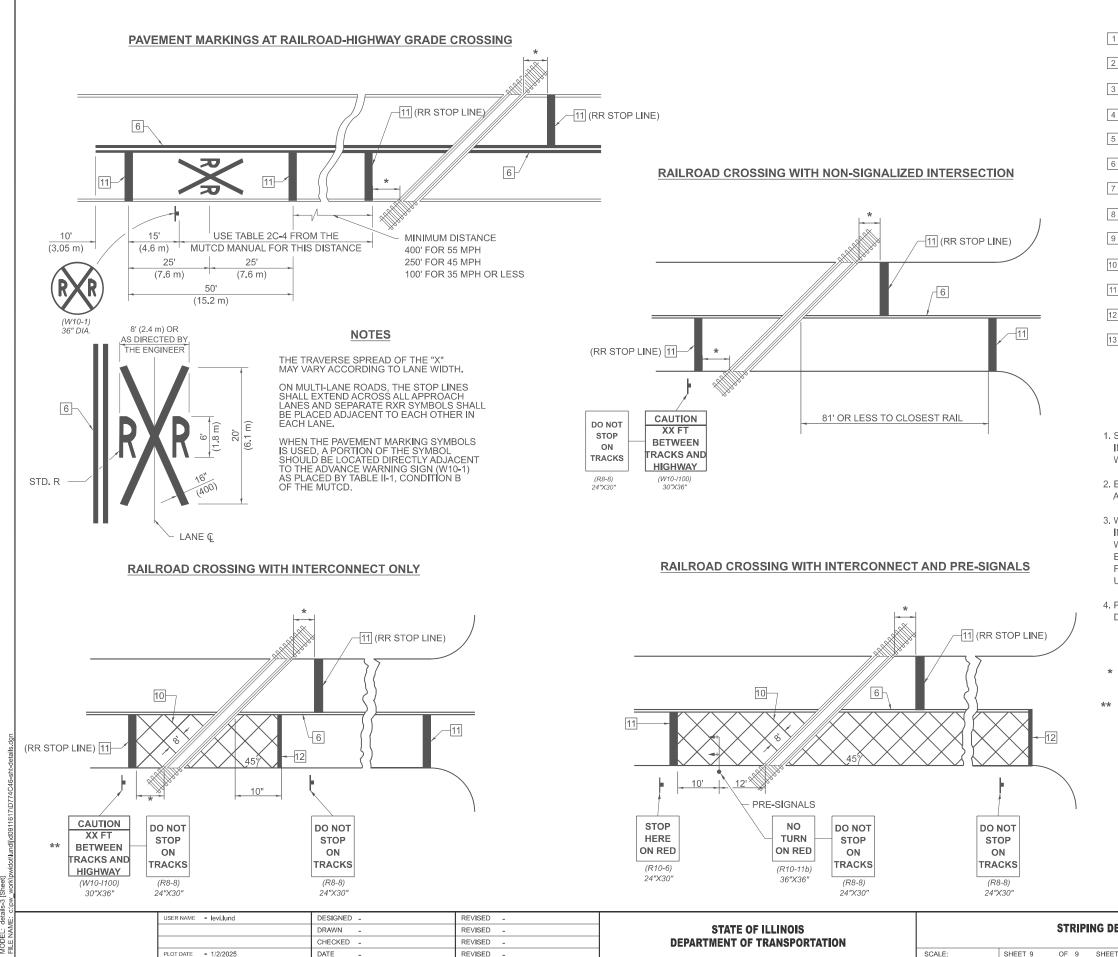
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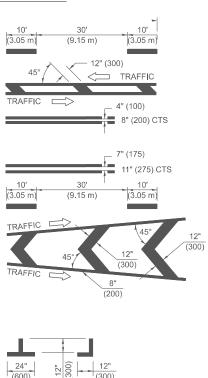


# SUPPLEMENTAL PAVEMENT MARKING TREATMENT FOR RAILROAD-HIGHWAY GRADE CROSSING



# **PAVEMENT MARKING LEGEND**

- 1 4" (100) SKIP-DASH (YELLOW)
- 2 4" (100) SOLID (YELLOW)
- 3 12" (300) DIAGONAL (YELLOW)
- 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)



# **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 PRE-SIGNALS ARE USED.

3, WHEN PEDESTRIAN SIGNALS ARE PRESENT WITH INTERCONNECTED SIGNALS, WARNING SIGN W10-I101 (18"X24") SHALL BE PLACED NEAR EACH PEDESTRIAN SIGNAL HEAD. COUNTDOWN PEDESTRIAN SIGNAL HEADS SHALL NOT BE UTILIZED ALONG WITH INTERCONNECTED SIGNALS.

CAUTION
WALK TIME
SHORTENED
WHEN TRAIN
APPROACHES

(W10-I101) 18"X24"

4. PLEASE REFER TO THE IDOT BUREAU OF OPERATION MEMO OPS T-06 DATED DECEMBER 1, 2020 FOR ADDITIONAL INFORMATION.

15' FROM NEAR RAIL OR 8' FROM AND PARALLEL TO GATE IF PRESENT

WARNING SIGN W10-I100 SHALL BE USED AS AN INTERIM MEASURE AT INTERCONNECTED SIGNAL LOCATIONS WHERE PRE-SIGNALS ARE TO BE INSTALLED IN THE FUTURE. THIS SIGN SHALL BE REMOVED WHEN THE PRE-SIGNALS ARE INSTALLED AND THE PAVEMENT MARKINGS ARE EXTENDED TO THE INTERSECTION.

# NOT TO SCALE

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

DISTRICT 7 DETAIL NO. 7900004

			DR			IAI	L NU. /	5000	001
ETAILS		F.A.S RTE.	SECT	SECTION		COUNTY	TOTAL SHEETS	SHEET NO.	
		805	(101,101Z)RS-1			LAWRENCE	9	9	
						CONTRACT	NO. 740	246	
тs	STA.	TO STA.			ILLINOIS	FED. AID	PROJECT		