STATE OF ILLINOIS

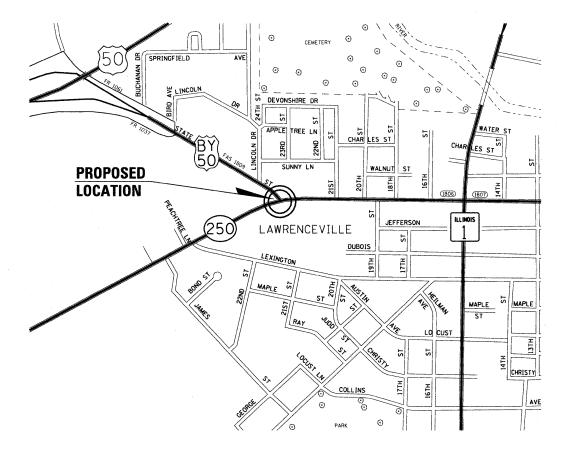
DEPARTMENT OF TRANSPORTATION DIVISION OF HIGHWAYS

PROPOSED HIGHWAY PLANS

FAS ROUTE 1809 (U.S. BUS. ROUTE 50) SECTION (2Z)TS-1

TRAFFIC SIGNALS INSTALLATION LAWRENCE COUNTY

C-97-129-10

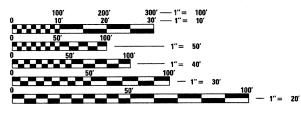


FOR INDEX OF SHEETS, SEE SHEET NO. 2

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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 ROB MACKLIN
PROJECT MANAGER LYNN McCLELLAN

CONTRACT NO. 74480

D-97-063-10



STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION DIVISION OF HIGHWAYS
SUBMITTED Dec. 28 20 10 Roger & Duckel / Laper
DEPUTY DIRECTOR OF HIGHWAYS, REGION ENGINEER February 4 20 11
Scott E. Stitt DE In acting Engineer of Design and Environment
Rebriary 4 20 11
Christing M. Rapa Jan DIRECTOR OF HIGHWAYS, CHIEF ENGINEER

PRINTED BY THE AUTHORITY OF THE STATE OF ILLINOIS

TRAFFIC SIGNAL GENERAL NOTES

THIS TRAFFIC SIGNAL PROJECT IS LOCATED AT THE INTERSECTION OF BUSN US RTE 50 (STATE STREET) AND IL RTE 250 IN THE CITY OF LAWRENCEVILLE, LAWRENCE COUNTY. THE WORK INCLUDED IN THIS SECTION CONSISTS OF INSTALLING TRAFFIC SIGNALS AND ALL OTHER WORK NECESSARY TO COMPLETE THIS SECTION.

THE EXISTING UTILITY LINES ARE SHOWN ON THE PLANS TO INDICATE THEIR PRESENCE AND APPROXIMATE LOCATION. THE CONTRACTOR SHALL VERIFY THE EXACT LOCATION OF ALL UNDERGROUND UTILITIES PRIOR TO BEGINNING CONSTRUCTION. CALL J.U.L.I.E. AT 1-800-892-0123.

THE TRAFFIC SIGNAL ENGINEER AT THE ILLINOIS DEPARTMENT OF TRANSPORTATION SHALL BE NOTIFIED AT 217-342-8382 AT LEAST 72 HOURS PRIOR TO TURNING ON ANY FLASHER OR CONTROLLER UNIT.

THE SIZE OF THE CABLE SUPPLIED SHALL BE EQUAL TO OR GREATER THAN THE SIZE OF THE CABLE REQUIRED TO CARRY THE LOAD BETWEEN THE CONTROLLER AND THE SERVICE INSTALLATION.

THE CONTRACTOR SHALL ARRANGE FOR A FACTORY OR SUPPLIER REPRESENTATIVE TO BE PRESENT AT THE INTERSECTION WHEN THE SIGNALS ARE TURNED ON. THE REPRESENTATIVE SHALL MAKE CERTAIN THAT ALL EQUIPMENT OPERATES TO THE SATISFACTION OF THE ENGINEER.

A 2 FOOT MINIMUM, 6 FOOT DESIRABLE, HORIZONTAL CLEARANCE SHALL BE MAINTAINED FROM THE BACK OF CURB TO THE EDGE OF HANDHOLES, JUNCTION BOXES AND SIGNAL POST FOUNDATIONS. A 5 FOOT MINIMUM HORIZONTAL CLEARANCE SHALL BE MAINTAINED FROM THE BACK OF THE CURB TO ALL MAST ARM FOUNDATIONS. CONTROLLER FOUNDATIONS SHALL BE LOCATED AS FAR FROM THE BACK OF THE CURB AS POSSIBLE TO PROTECT THE CONTROLLER CABINET.

ALL HARDWARE SHALL BE TIGHTENED AND WELL SECURED. CABLES SHALL BE NEATLY WOUND IN HANDHOLES. CABLES SHALL BE NEATLY TRAINED IN THE CONTROLLER CABINET.

ALL THREADS OF BOLTS USED IN ASSEMBLY OF TRAFFIC SIGNAL COMPONENTS SHALL BE COATED WITH A NON-LEAD BASED ANTI-SEIZE COMPOUND, SIMILAR TO LEAD PLATE, PRIOR TO ASSEMBLY.

NO ADDITIONAL COMPENSATION WILL BE ALLOWED FOR PLACING CONDUIT AT GREATER THAN 2 FOOT MINIMUM DEPTH TO AVOID OBSTACLES SUCH AS UNDERGROUND UTILITIES.

THE CONTRACTOR IS RESPONSIBLE FOR UNCOVERING OR HAND DIGGING AROUND UTILITIES AS NECESSARY. THE COST OF THIS WORK IS TO BE INCLUDED WITH THE TRENCH AND BACKFILL FOR ELECTRICAL WORK PAY ITEM.

THE NUMBER OF CONDUCTORS FOR ELECTRIC CABLES AS SHOWN ON THE PLANS SHALL BE THE MINIMUM NUMBER OF CONDUCTORS FURNISHED FOR EACH LOCATION. THE CONTRACTOR MAY SUBSTITUTE AN ELECTRIC CABLE WITH MORE CONDUCTORS THAN SPECIFIED BUT NO ADDITIONAL COMPENSATION WILL BE MADE FOR THE EXTRA CONDUCTORS.

ALL NEW TRAFFIC SIGNAL WIRING SHALL EXTEND FROM CONTROLLER TO SIGNAL. SPLICES IN HANDHOLES WILL NOT BE ALLOWED.

ALL MAST ARM MOUNTED SIGNAL HEADS ON AN INDIVIDUAL MAST ARM SHALL BE MOUNTED SO THAT THE RED INDICATIONS ARE LEVEL WITH EACH OTHER.

TRAFFIC SIGNAL HEADS SHALL BE PROPERLY COVERED PRIOR TO INTERSECTION TURN-ON OR AS DIRECTED BY THE ENGINEER. THIS COST SHALL BE INCLUDED WITH THE COST OF THE ASSOCIATED SIGNAL HEAD PAY ITEMS.

ALL TRAFFIC SIGNAL MAST ARM ASSEMBLIES (STANDARD, COMBINATION, OR DUAL) MUST BE DESIGNED FOR THE LOADINGS SHOWN ON THE HIGHWAY STANDARDS OR THESE SIGNAL PLANS, WHICHEVER IS GREATER.

THE TOTAL QUANTITY OF THERMOPLASTIC PAVEMENT MARKINGS ARE AS FOLLOWS:

LINE 8"-CONSISTS OF 183 FEET OF WHITE

LINE 12"-CONSISTS OF 133 FEET OF WHITE

LINE 24"-CONSISTS OF 62 FEET OF YELLOW

AMEREN CIPS
RON BAILEY
OFFICE: (618) 393-5641
CELL: (618) 553-2770
EMAIL: ronbailey@ameren.com

INDEX OF SHEETS

1	COVER SHEET
2	INDEX OF SHEETS AND GENERAL NOTES
3	SUMMARY OF QUANTITIES
4	DETAILS & STREET SIGNS
5	PROPOSED SIGNAL LAYOUT WITH EXISTING UTILITIES,
	ISLAND REMAOVAL & PAVEMENT MARKING
6	SIGNAL LAYOUT
7	CABLE LAYOUT
8	TYPICAL APPLICATION OF DETECTOR LOOPS
9-12	PAVEMENT MARKING AND RAISED REFLECTIVE PAVEMENT MARKERS
	(RURAL & URBAN APPLICATIONS)

THE FOLLOWING STANDARDS ARE A PART OF THESE PLANS AND ARE INCLUDED AFTER SHEET NO. 12:

000001-06 001001-02 701001-02 701006-03 701501-06 701701-07	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS AREAS OF REINFORCEMENT BARS OFF-ROAD OPERATIONS, 2L, 2W, MORE THAN 15' AWAY OFF-ROAD OPERATIONS, 2L, 2W, 15' TO 24" FROM PAVEMENT EDGE URBAN LANE CLOSURE, 2L, 2W, UNDIVIDED URBAN LANE CLOSURE, MULTILANE INTERSECTION
701801 01	CARL OLOGONE, MOLTELAND TO EN CROSSINAL ON STOLING COSCINE
701901-01	TRAFFIC CONTROL DEVICES
720001-01	SIGN PANEL MOUNTING DETAILS
720006-02	SIGN PANEL ERECTION DETAILS
720016-02	MAST ARM MOUNTED STREET NAME SIGNS
805001-01	ELECTRICAL SERVICE INSTALLATION DETAILS
814001-02	HANDHOLES
814006-02	DOUBLE HANDHOLES
857001-01	STANDARD PHASE DESIGNATION DIAGRAMS AND PHASE SEQUENCES
873001-02	TRAFFIC SIGNAL GROUNDING & BONDING
877001-04	STEEL MAST ARM ASSEMBLEY AND POLE 16' THROUGH 55'
878001 - 08	CONCRETE FOUNDATION DETAILS
880006-01	TRAFFIC SIGNAL MOUNTING DETAILS
886001-01	
886006-01	TYPICAL LAYOUT FOR DETECTION LOOPS

SCALE:

	INI	DEX OF SH	EETS 8		F.A.S. RTE.	SECTION
		GENERAL	NOTES		1809	LAWRENCE
 CHEET NO		CHEETE	STA	TO STA	ļ	In a more lend

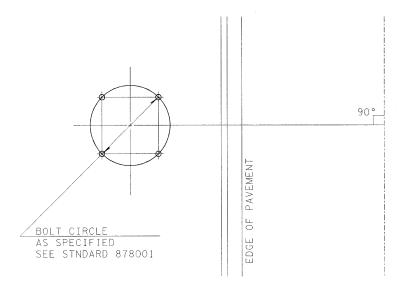
CONTRACT NO. 74480

	SUMMARY OF QUANTITIES			CON	STRUCTION TYPE	CODE
	SUMMANT OF QUANTITIES	· · · · · · · · · · · · · · · · · · ·	TOTAL	0021	-	
CODE NO	ITEM	UNIT	QUANTITIES	100% STATE		
35300505	PORTLAND CEMENT CONCRETE BASE COURSE 10 1/4"	SQ YD	12	12		
44003100	MEDIAN REMOVAL	SQ FT	108	108		
67100100	MOBILIZATION	L SUM	1	1		
70102635	TRAFFIC CONTROL AND PROTECTION.	L SUM	1	1		
70102620 *72000300	STANDARD 701701 TRAFFIC CONTROL AND PROTECTION, STANDARD 701501 SIGN PANEL - TYPE 3	L SUM SO FT	1 78	1 78		
¥ 78000500	THERMOPLASTIC PAVEMENT MARKING - LINE 8"	F00T	183	183		
* 78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	133	133		
* 78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	72	72		
78300100	PAVEMENT MARKING REMOVAL	SQ FT	92	92		
80500100	SERVICE INSTALLATION, TYPE A	EACH	1	1		
81012200	CONDUIT IN TRENCH, 3/4" DIA., PVC	FOOT	15	15		
81012400	CONDUIT IN TRENCH, 1 1/4" DIA., PVC	FOOT	571	571		
81012600	CONDUIT IN TRENCH, 2" DIA., PVC	FOOT	301	301		
81013000	CONDUIT IN TRENCH, 4" DIA., PVC	FOOT	42	42		
81021370	CONDUIT PUSHED, 4" DIA., PVC	FOOT	197	197		
81400100	HANDHOLE	EACH	5	5		
81400300	DOUBLE HANDHOLE	EACH	1	1		
81500100	GULFBOX JUNCTION	EACH	4	4		
81900200	TRENCH AND BACKFILL FOR ELECTRICAL WORK	FOOT	929	929		
85700200	FULL-ACTUATED CONTROLLER AND TYPE IV CABINET	EACH	1	1		
86200300	UNINTERRUPTIBLE POWER SUPPLY, EXTENDED	EACH	1	1		
87301245	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	1426	1426		
87301255	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C	FOOT	588	588		
87301305	ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 14 1 PAIR	FOOT	1715	1715		
87301805	ELECTRIC CABLE IN CONDUIT, SERVICE, NO. 6 2 C	FOOT	27	27		
87502680	TRAFFIC SIGNAL POST, ALUMINUM 14 FT.	EACH	1	1		
87502700	TRAFFIC SIGNAL POST, ALUMINUM 16 FT.	EACH	1	1		
87700160	STEEL MAST ARM ASSEMBLY AND POLE, 24 FT.	EACH	1	1		
87700170	STEEL MAST ARM ASSEMBLY AND POLE, 26 FT.	EACH	1	1		

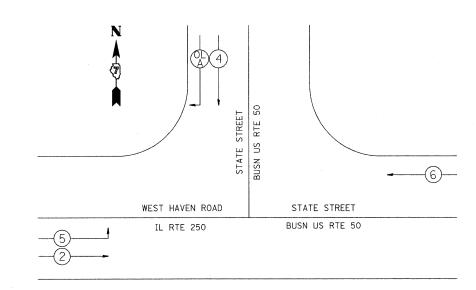
			CONSTRUCTION TYPE CODE				
	SUMMARY OF QUANTITIES		TOTAL	0021			
CODE NO	ITEM	UNIT	QUANTITIES	100% STATE			
87700180	STEEL MAST ARM ASSEMBLY AND POLE, 28 FT.	EACH	1	1			
87800100	CONCRETE FOUNDATION, TYPE A	FOOT	6	6			
87800150	CONCRETE FOUNDATION, TYPE C	FOOT	3.5	3. 5			
87800400	CONCRETE FOUNDATION, TYPE E 30-INCH DIAMETER	FOOT	30	30			
88040070	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 3-SECTION, BRACKET MOUNTED	EACH	4	. 4			
88040090	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 3-SECTION, MAST ARM MOUNTED	EACH	5	5			
88040160	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 5-SECTION, MAST ARM MOUNTED	EACH	1	1			
88040260	SIGNAL HEAD, POLYCARBONATE, LED, 2-FACE, 1-3-SECTION, 1-5-SECTION, BRACKET MOUNTED	EACH	1	1			
88200400	TRAFFIC SIGNAL BACKPLATE, FORMED PLASTIC	EACH	12	12			
88500100	INDUCTIVE LOOP DETECTOR	EACH	10	10			
88600100	DETECTOR LOOP, TYPE I	FOOT	788	788			
X8730027	ELECTRIC CABLE IN CONDUIT, GROUNDING, NO. 6 1C	FOOT	408	408			
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* SPECIALTY ITEM

FILE	E NAME =	USER NAME = \$USER\$	DESIGNED -	REVISED -	The state of the s			SHMMI	ARY OF	QUANTITIES		F.A.S.	SECTION	C	OUNTY	TOTAL SH	IEET NO.
\$F]L	_EL\$		DRAWN -	REVISED -	STATE OF ILLINOIS			Olimin		LOANTINEO		1809	(2Z)TS-1	L	AWRENCE	12	3
		PLOT SCALE = \$SCALE\$	CHECKED -	REVISED ~	DEPARTMENT OF TRANSPORTATION									C	ONTRACT	NO. 744	180
ı		PLOT DATE = \$DATE\$	DATE -	REVISED -		SCALE:	SHEET NO.	OF	SHEETS	STA.	TO STA.		ILLIP	OIS FED. AID PR			

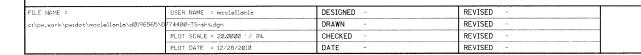


<u>DETAIL OF MAST ARM FOUNDATION</u>
BOLT PATTERN



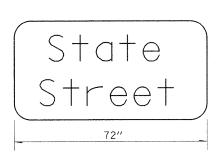
VEHICULAR PHASE NO. X

PHASE DESIGNATION DIAGRAM





SCALE:



TO BE INSTALLED ON EASTBOUND MAST ARM (STA 7+59 25' L+.)
TO BE INSTALLED ON WESTBOUND MAST ARM (STA 9+44 39' R+.)

1. SIGN SHALL HAVE A WHITE REFLECTORIZED LEGEND AND BORDER ON A GREEN REFLECTORIZED BACKGROUND.

UPPER/LOWER CASE LETTERS, 5W CLEARVIEW FONT.

SIGN PANEL DETAILS

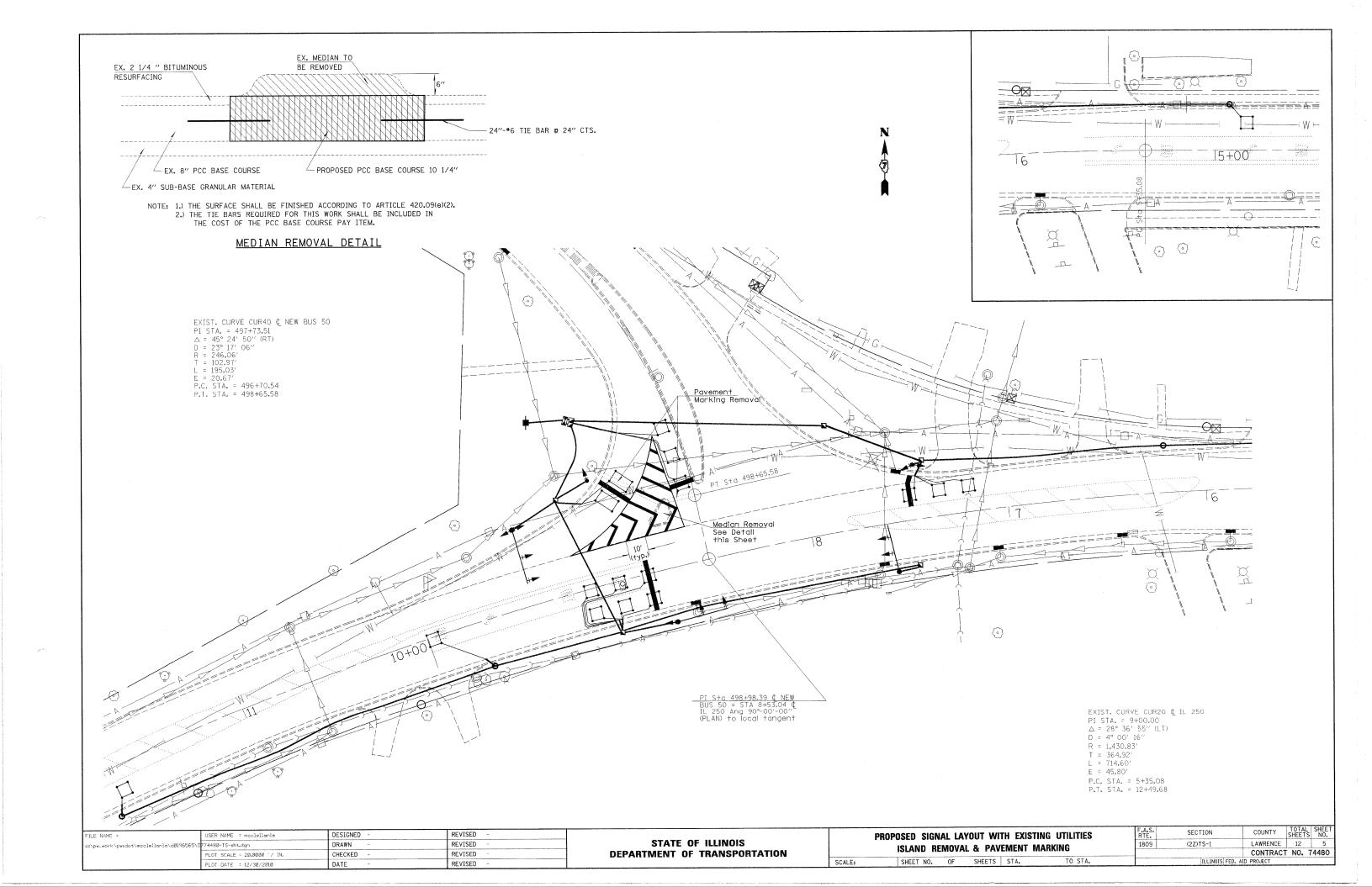


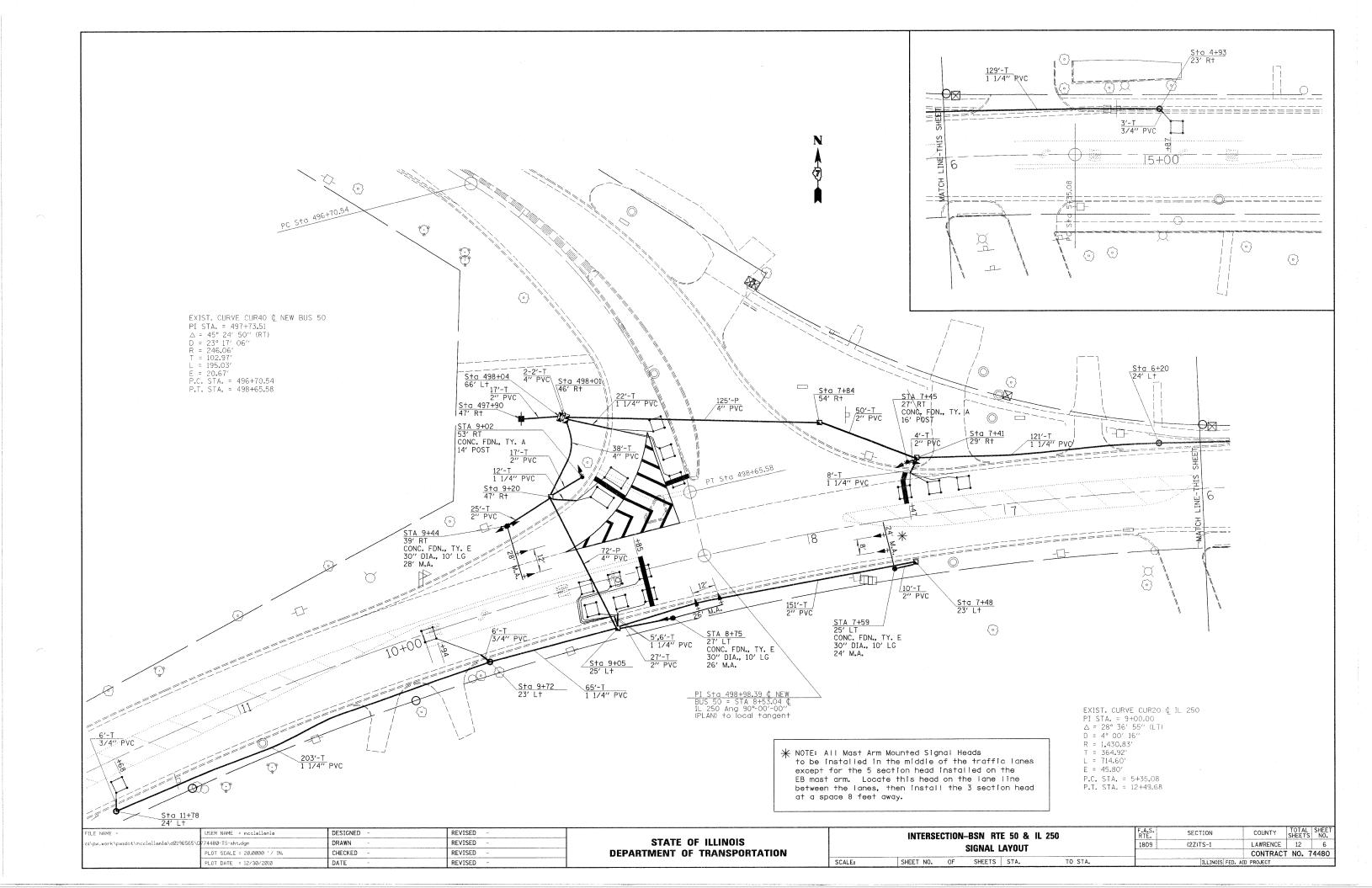
TO BE INSTALLED ON SOUTHBOUND MAST ARM (STA 8+75 27' L+.)

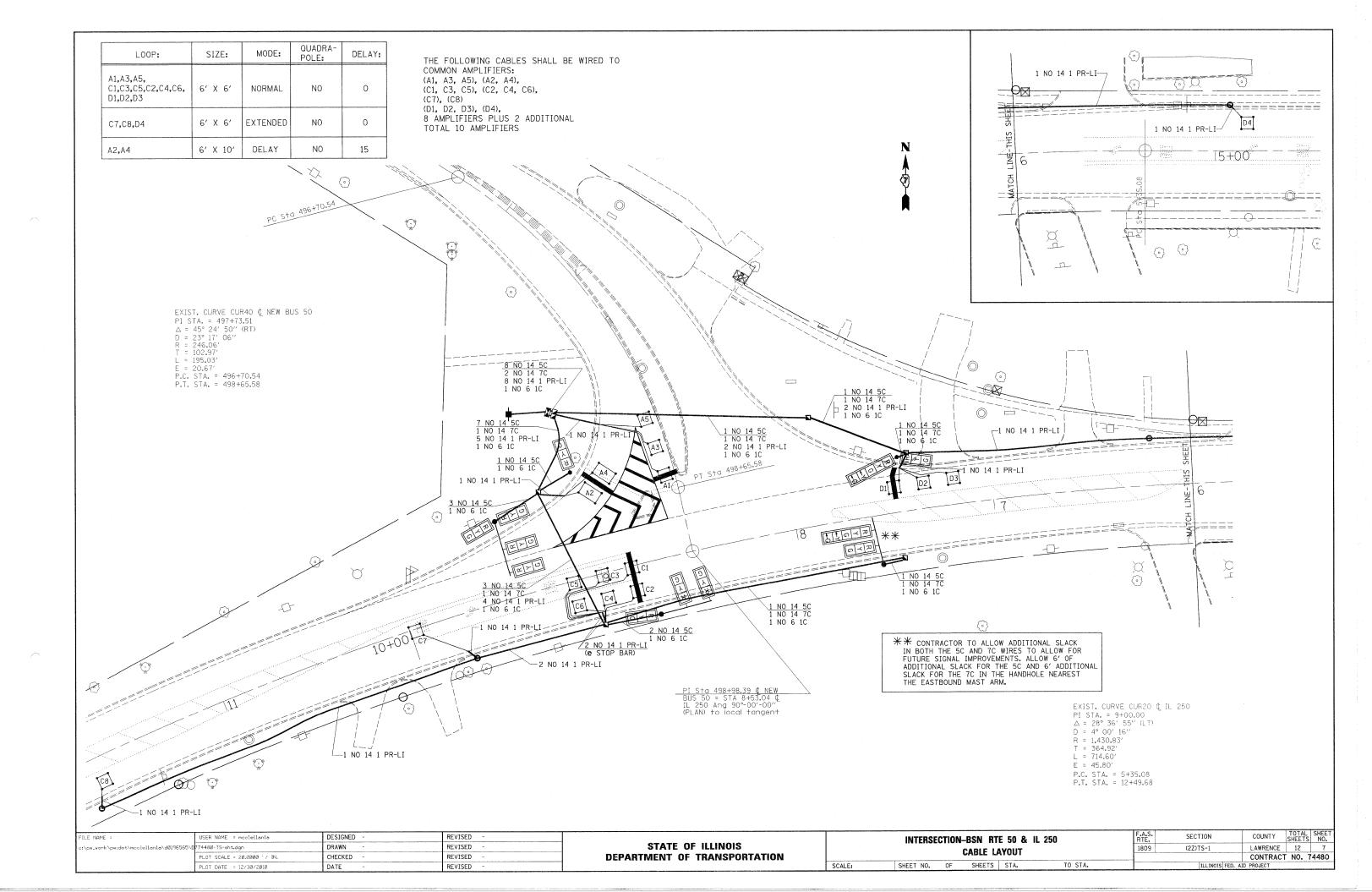
1. SIGN SHALL HAVE A WHITE REFLECTORIZED LEGEND AND BORDER ON A GREEN REFLECTORIZED BACKGROUND.

UPPER/LOWER CASE LETTERS, 5W CLEARVIEW FONT.

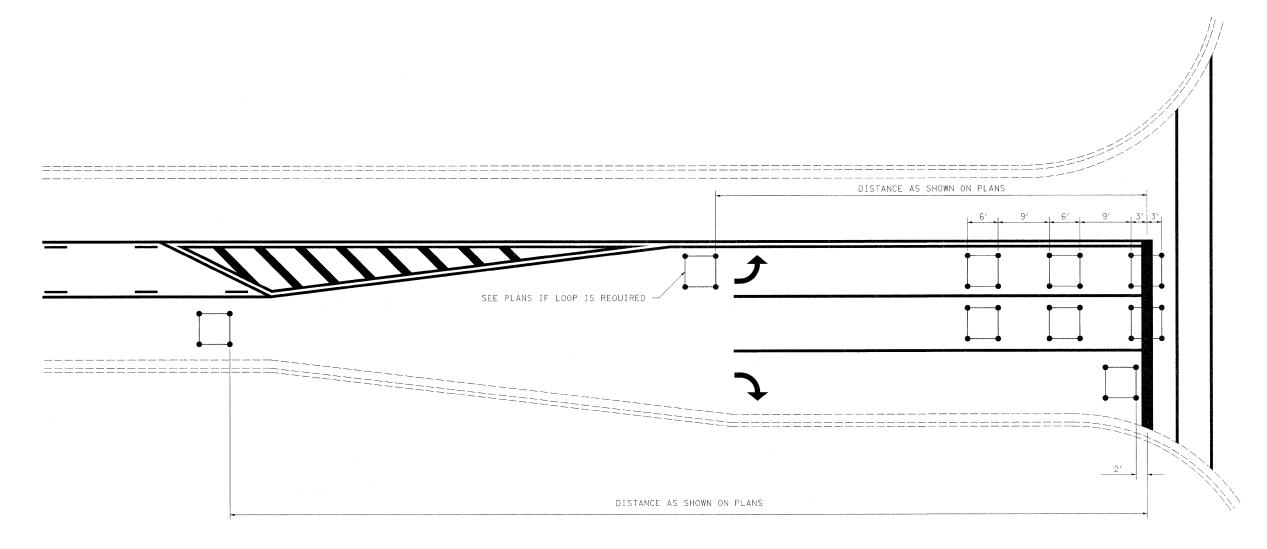
SIGN PANEL DETAILS







TYPICAL APPLICATION OF DETECTOR LOOPS

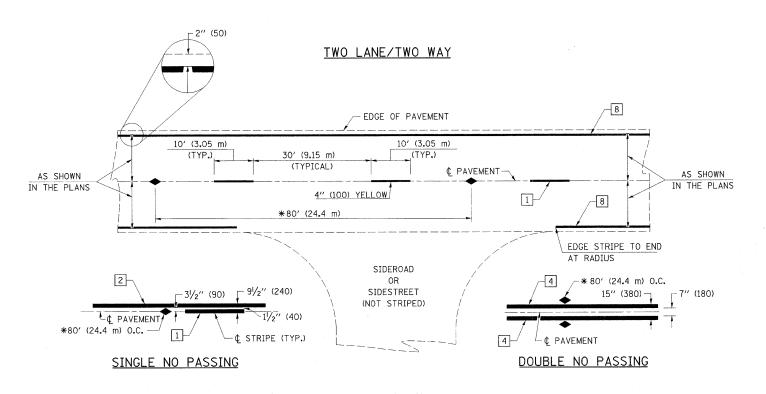


NOTE:

- 1. EACH LOOP SHALL HAVE ITS OWN HOMERUN TO THE GULFBOX/HANDHOLE.
- 2. LOOPS SHOULD BE CENTERED IN EACH LANE.
- 3. USE 6' BY 6' LOOPS FOR LANE WIDTHS OF 11' OR GREATER.
- 4. USE 5' BY 5' LOOPS IF LANE WIDTH IS LESS THAN 11'.

NOT TO SCALE

							DISTRICT 7 DETAIL	. NO. 88600100
ILE NAME =	USER NAME = modlellanla	DESIGNED -	REVISED - MKS 4-08				F.A.S SECTION	COUNTY TOTAL SHEET
:\pw_work\pwidot\mcclellanla\d0196565\[774480-TS-sht.dgn	DRAWN -	REVISED -	STATE OF ILLINOIS		TYPICAL APPLICATIONS OF DETECTOR LOOPS	1809 (2Z)TS-1	LAWRENCE 12 8
	PLOT SCALE = 20.0000 '/ IN.	CHECKED -	REVISED -	DEPARTMENT OF TRANSPORTATION				CONTRACT NO. 74480
	PLOT DATE = 12/28/2010	DATE -	REVISED -		SCALE:	SHEET NO. OF SHEETS STA. TO STA.	FED. ROAD DIST. NO. ILLINOIS FED. A	ID PROJECT



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

TYPICAL PAVEMENT MARKERS LEGEND

- ◆ TWO-WAY AMBER MARKER
- ► ONE-WAY AMBER MARKER
- > ONE-WAY CRYSTAL MARKER

FILE NAME =

PAVEMENT MARKING LEGEND

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

3 12" (300) DIAGONAL (YELLOW)

(3.05 m) (9.15 m) (3.05 m)

2 4" (100) SOLID (YELLOW)

4 4" (100) DOUBLE YELLOW (NARROW)

(NARROW) 8" (200) CTS.

5 RESERVED

6 RESERVED

7 6" (150) SKIP-DASH (WHITE)

8 4" (100) SOLID (WHITE)

9 12" (300) DIAGONAL (WHITE)

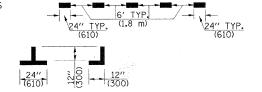
10 6" (150) SOLID (WHITE)

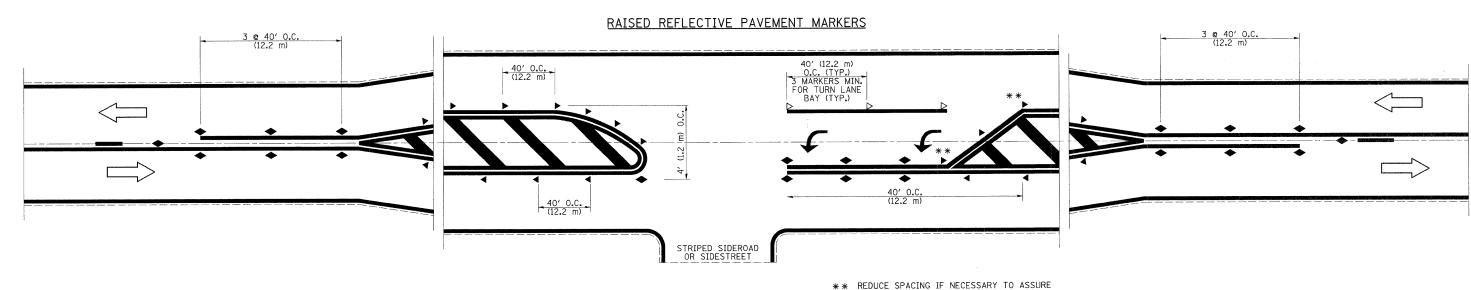
11 24" (600) STOP BAR (WHITE)

12 8" (200) SOLID (WHITE)

13 6" (100) LANE LINE EXTENSIONS

4" (100) PARKING WHITE



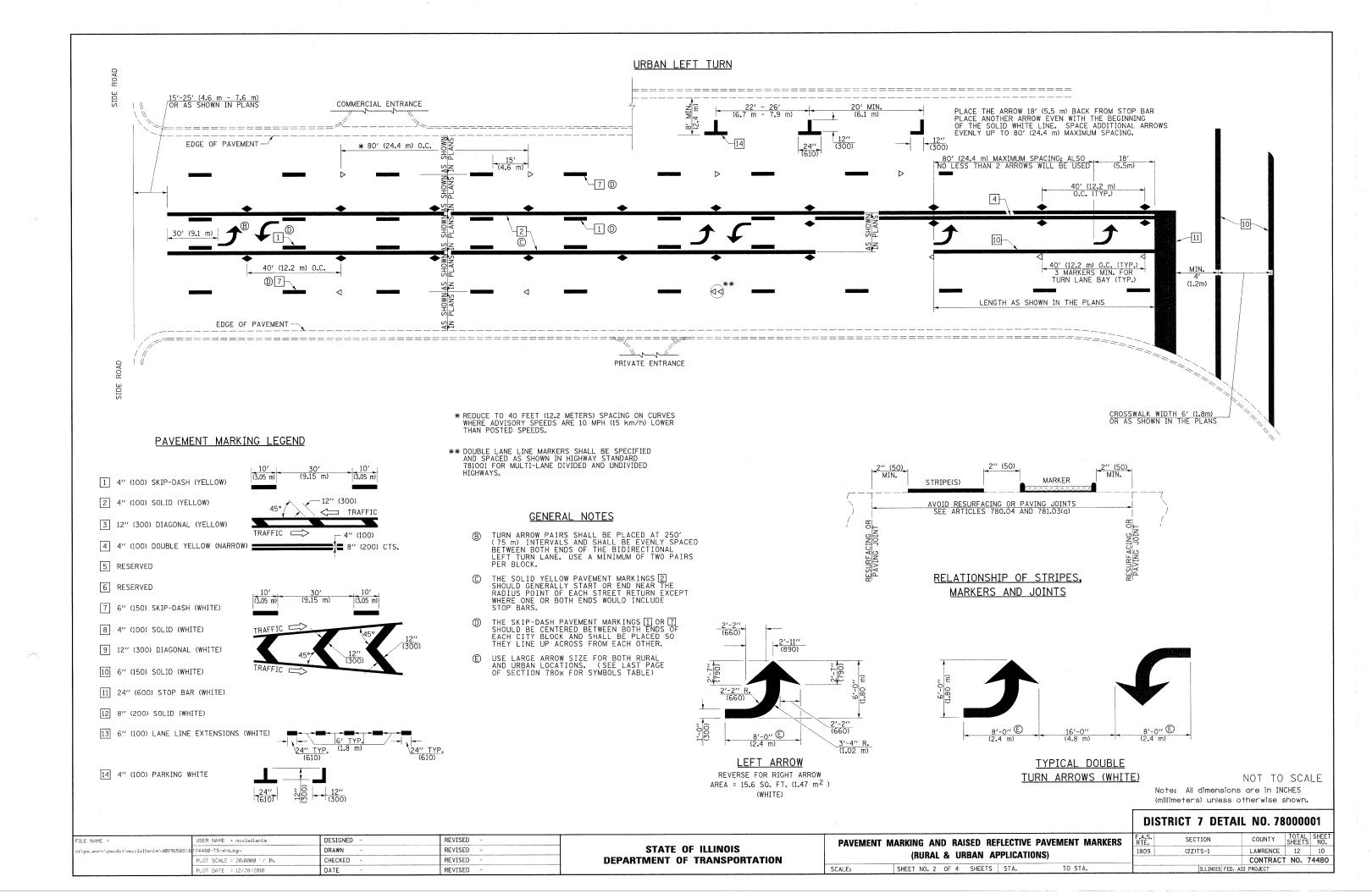


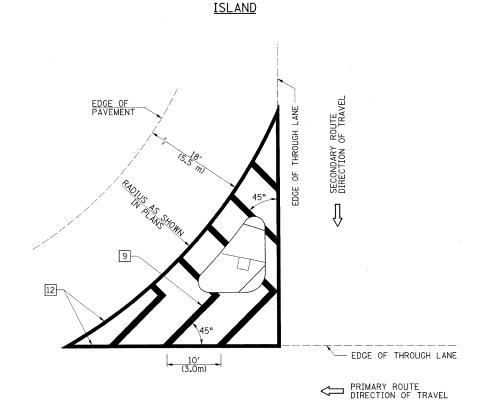
MARKERS AT CORNER POINTS.

NOT TO SCALE

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

										DIST	RICT 7 DETA	AIL NO. 7800	10001
	USER NAME = mcclellanla	DESIGNED -	REVISED -		PAVEME	NT MARKING AND RA	ISFD REF	ECTIVE PA	VEMENT MARKERS	F.A.S. RTE.	SECTION	COUNTY TO	TAL SHEET EETS NO.
Ø196565\E	774480-TS-sht.dgn	DRAWN -	REVISED -	STATE OF ILLINOIS	IAVENIE	(RURAL & U				1809	(2Z)TS-1	LAWRENCE 1	2 9
	PLOT SCALE = 20.0000 '/ IN.	CHECKED -	REVISED -	DEPARTMENT OF TRANSPORTATION		(RURAL & U	NDAN AP	LIGATION	•			CONTRACT NO	0. 74480
	PLOT DATE = 12/28/2010	DATE -	REVISED -		SCALE:	SHEET NO. 1 OF 4	SHEETS	STA.	TO STA.		ILL INOIS FED	. AID PROJECT	





DESIGNED

DRAWN

CHECKED

DATE

74480-TS-sht.dgn

PLOT SCALE = 20.0000 '/ IN.

PLOT DATE = 12/28/2010

REVISED

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REVISED

REVISED

FILE NAME :

GENERAL NOTES

- RAISED AND CORRUGATED MEDIANS SHALL BE OUTLINED WITH 2 IF PRESENT.
- 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. FINAL PAVEMENT MARKINGS SHALL BE IN PLACE PRIOR TO PLACING ANY RAISED REFLECTIVE PAVEMENT MARKERS.
- 5. THE FOLLOWING CRITERIA SHALL BE USED FOR SELECTING THE DIAGONAL PAVEMENT MARKING SPACING:

<30 MPH (<50 km/h) 15' (4.5 m) 20' (6.0 m) 30-45 MPH (50-75 km/h >45 MPH (>75 km/h 30' (9.0 m)

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) ₩ 8" (200) CTS.

5 RESERVED

6 RESERVED

7 6" (150) SKIP-DASH (WHITE)

8 4" (100) SOLID (WHITE)

9 12" (300) DIAGONAL (WHITE)

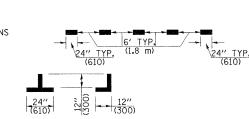
10 6" (150) SOLID (WHITE)

11 24" (600) STOP BAR (WHITE)

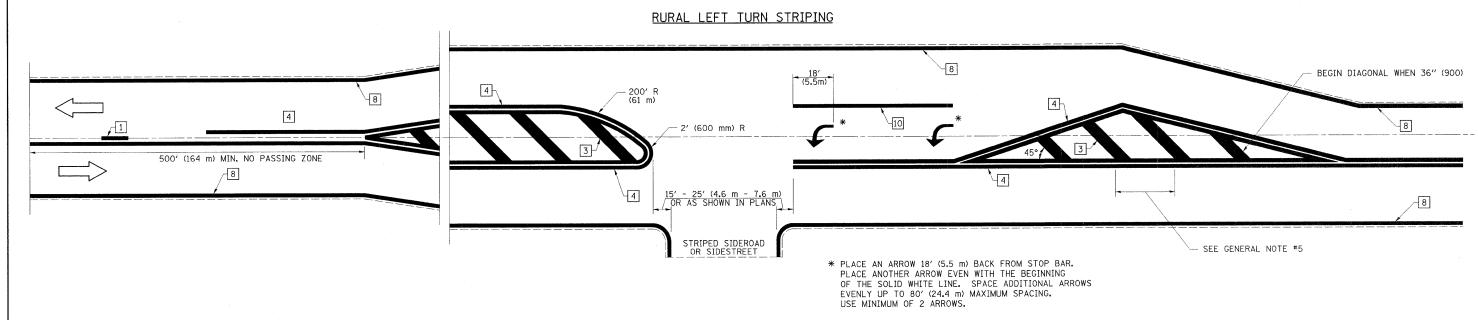
12 8" (200) SOLID (WHITE)

13 6" (100) LANE LINE EXTENSIONS

14 4" (100) PARKING WHITE



<☐ TRAFFIC



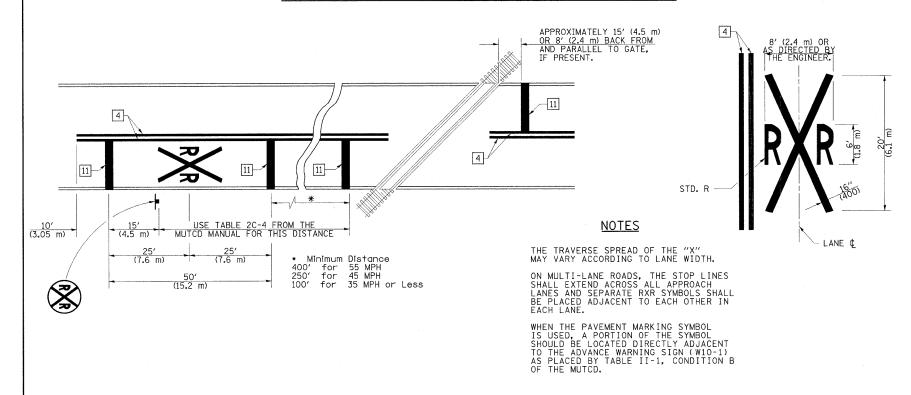
NOT TO SCALE Note: All dimensions are in INCHES (millimeters) unless otherwise shown.

	DIS	TRICT 7	DETAI	L NO. 78	0000	01
S	F.A.S. RTE.	SECTI	ON	COUNTY	TOTAL SHEETS	SHEE NO.
	1809	(2Z)TS	S-1	LAWRENCE	12	11
				CONTRAC	Γ NO. 7	4480
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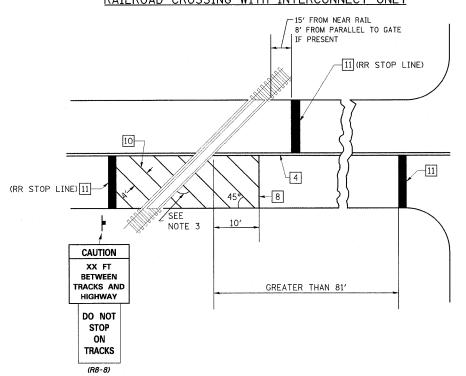
STATE OF ILLINOIS **DEPARTMENT OF TRANSPORTATION** PAVEMENT MARKING AND RAISED REFLECTIVE PAVEMENT MARKERS (RURAL & URBAN APPLICATIONS)

SHEET NO. 3 OF 4 SHEETS STA.

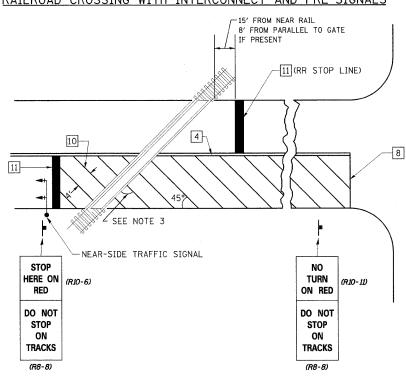
PAVEMENT MARKINGS AT RAILROAD-HIGHWAY GRADE CROSSING



RAILROAD CROSSING WITH INTERCONNECT ONLY



RAILROAD CROSSING WITH INTERCONNECT AND PRE-SIGNALS



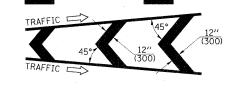
SUPPLEMENTAL PAVEMENT MARKING TREATMENT FOR RAILROAD-HIGHWAY GRADE CROSSING

PAVEMENT MARKING LEGEND

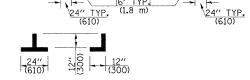
- 1 4" (100) SKIP-DASH (YELLOW) (3.05 m) (9.19
- 2 4" (100) SOLID (YELLOW)
- 3 12" (300) DIAGONAL (YELLOW)
- TRAFFIC \$\to 4'' (100)\$

 4'' (100) DOUBLE YELLOW (NARROW)

 8'' (200) CTS.
- 5 RESERVED
- 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 6" (100) LANE LINE EXTENSIONS
- 14 4" (100) PARKING WHITE



-12" (300)



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.
- 3. WHERE THE ANGLE BETWEEN THE DIAGONAL PAVEMENT MARKINGS AND THE TRACK WOULD BE LESS THAN 20°, THE PAVEMENT MARKINGS SHOULD BE PLACED IN THE OPPOSITE DIRECTION FROM THAT SHOWN.

NOT TO SCALE

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

DISTRICT	7 DETAIL	NO. 78000001
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKING AND RAISED REFLECTIVE PAVEMENT MARKERS

(RURAL & URBAN APPLICATIONS)

CALE: SHEET NO. 4 OF 4 SHEETS STA. TO STA.

F.A.S. SECTION COUNTY TOTAL SHEETS NO. 1809 (22)TS-1 LAWRENCE 12 12 CONTRACT NO. 74480