

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VARIOUS	D-3 REFLECTOR REPL 22-23	VARIOUS	7	1
		ILLINOIS	CONTRACT NO. 46588	

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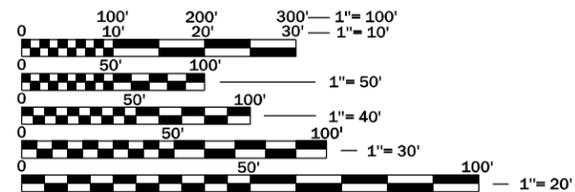
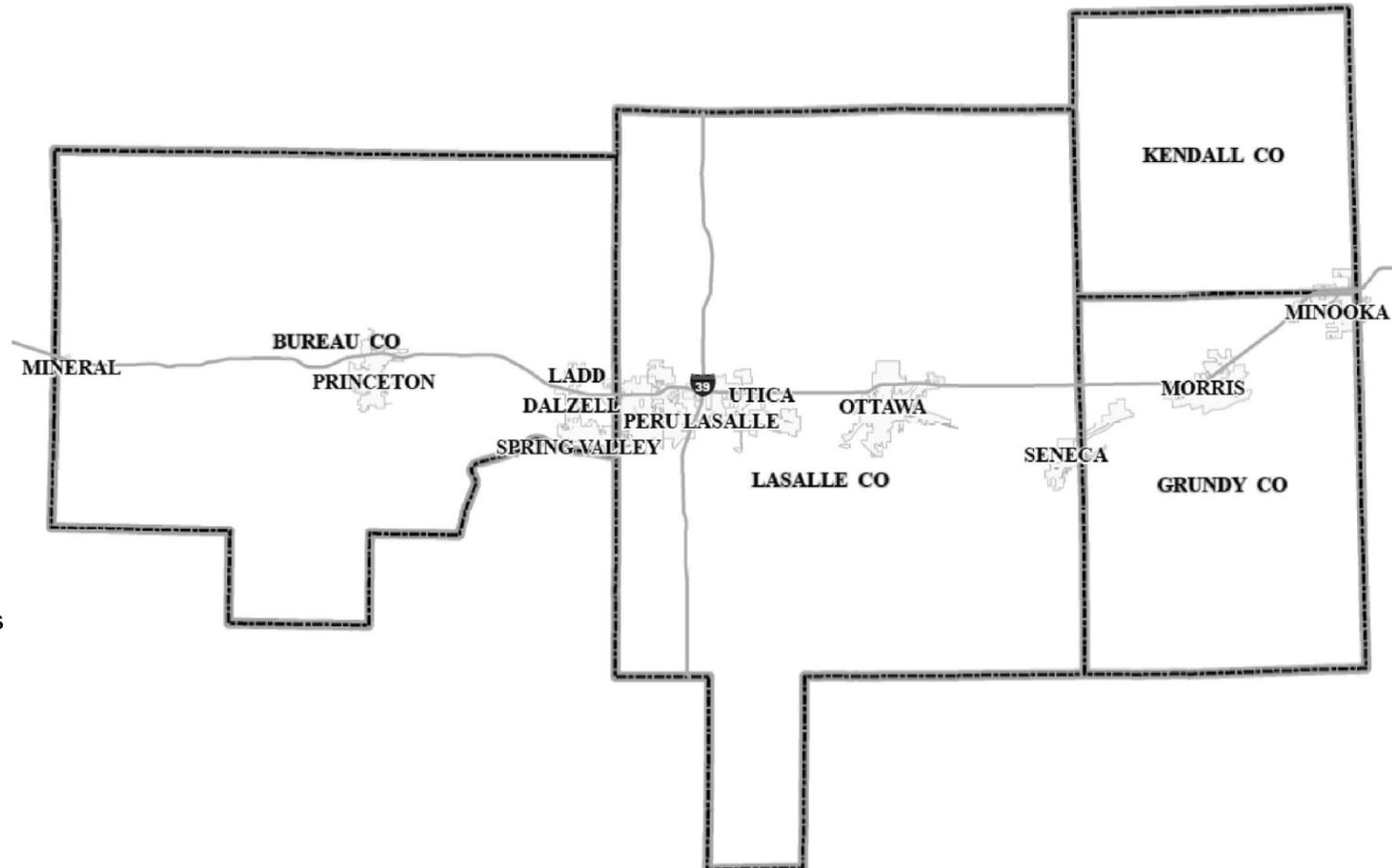
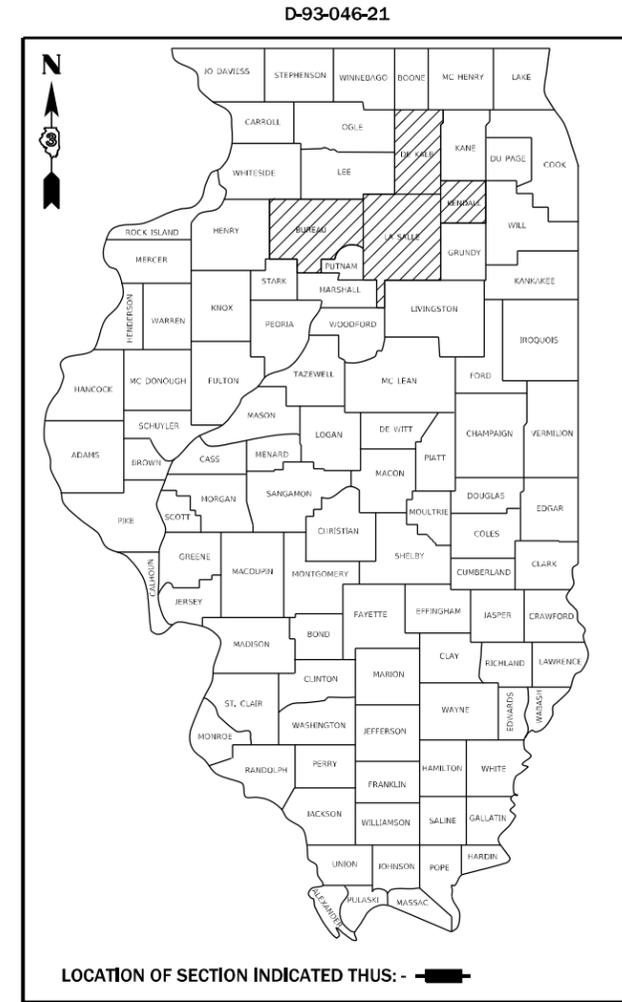
**HIGHWAY STANDARDS**

- 701101-05 OFF-ROAD OPERATIONS, MULTILANE, 15' (4.5 m) TO 24" (600 mm) FROM PAVEMENT EDGE
- 701106-02 OFF-ROAD OPERATIONS, MULTILANE, MORE THAN 15' (4.5 m) AWAY
- 701401-13 LANE CLOSURE, FREEWAY/EXPRESSWAY
- 701411-09 LANE CLOSURE, MULTILANE, AT ENTRANCE OR EXIT RAMP FOR SPEEDS ≥ 45 MPH
- 701426-09 LANE CLOSURE, MULTILANE INTERMITTENT OR MOVING OPERATION, FOR SPEEDS ≥ 45 MPH
- 701428-01 TRAFFIC CONTROL, SETUP AND REMOVAL, FREEWAY/EXPRESSWAY
- 701901-08 TRAFFIC CONTROL DEVICES

# PROPOSED HIGHWAY PLANS

## ROUTES VARIOUS SECTION D-3 REFLECTOR REPL 22-23 RRP MARKER/REFLECTOR REPLACEMENT VARIOUS COUNTIES

M-60-027-22



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: YOGESH PATEL P.E.  
UNIT CHIEF: RON WOODSHANK  
DISTRICT 3 NO. (815) 434-6131  
CONTRACT NO. 46587

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

SUBMITTED January 27, 2022  
*[Signature]*  
REGIONAL ENGINEER

March 25, 2022  
*[Signature]*  
ENGINEER OF DESIGN AND ENVIRONMENT

March 2, 2022  
*[Signature]*  
DIRECTOR OF HIGHWAYS PROJECT IMPLEMENTATION

PRINTED BY THE AUTHORITY OF THE STATE OF ILLINOIS

**GENERAL NOTES**

PLAN DIMENSIONS AND DETAILS RELATIVE TO EXISTING PLANS ARE SUBJECT TO NOMINAL CONSTRUCTION VARIATIONS. THE CONTRACTOR SHALL FIELD VERIFY EXISTING DIMENSIONS AND DETAILS AFFECTING NEW CONSTRUCTION AND MAKE NECESSARY APPROVED ADJUSTMENTS PRIOR TO CONSTRUCTION OR ORDERING OF MATERIALS. SUCH VARIATIONS SHALL NOT BE CAUSE FOR ADDITIONAL COMPENSATION FOR A CHANGE IN SCOPE OF THE WORK; HOWEVER, THE CONTRACTOR WILL BE PAID FOR THE QUANTITY ACTUALLY FURNISHED AT THE UNIT PRICE BID FOR THE WORK.

ANY REFERENCE TO A STANDARD IN THESE PLANS SHALL BE INTERPRETED TO MEAN THE EDITION AS INDICATED BY THE SUBNUMBER SHOWN IN THE LIST OF STANDARDS OR THE COPY INCLUDED IN THESE PLANS.

**COMMITMENTS**

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION  
DISTRICT THREE  
AS BUILT INFORMATION

\_\_\_\_\_  
SUPERVISING CONSTRUCTION FIELD ENGINEER

\_\_\_\_\_  
RESIDENT ENGINEER / TECHNICIAN

START & END DATES  
OF CONSTRUCTION:

INSPECTORS:

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION  
DISTRICT THREE

PREPARED BY: \_\_\_\_\_  
DISTRICT STUDIES & PLANS ENGINEER

DATE: \_\_\_\_\_

EXAMINED BY: \_\_\_\_\_  
DISTRICT CONSTRUCTION ENGINEER

\_\_\_\_\_  
DISTRICT MATERIALS ENGINEER

\_\_\_\_\_  
DISTRICT OPERATIONS ENGINEER

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	PLOT DATE = 2/1/2022	DATE - 3/5/2020	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**GENERAL NOTES**

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

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
39 & 80	D-3 REFLECTOR REPL 22-23	VARIOUS	7	2
CONTRACT NO. 46587				
		ILLINOIS	FED. AID PROJECT	

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE							
				PAVEMENT MARKER 100% STATE		PAVEMENT MARKER 100% STATE		PAVEMENT MARKER 100% STATE		PAVEMENT MARKER 100% STATE	
				BUREAU COUNTY		LASALLE COUNTY		KENDALL COUNTY		GRUNDY COUNTY	
				SAFETY	SAFETY	SAFETY	SAFETY	SAFETY	SAFETY	SAFETY	SAFETY
				0021	0021	0021	0021	0021	0021	0021	0021
URBAN	RURAL	URBAN	RURAL	URBAN	RURAL	URBAN	RURAL	URBAN			
67100100	MOBILIZATION	L SUM	1	0.12	0.12	0.14	0.14	0.12	0.24	0.12	
70100800	TRAFFIC CONTROL AND PROTECTION, STANDARD 701401	L SUM	1	0.14	0.14	0.14	0.16	0.14	0.14	0.14	
78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	6219	295	333	514	4529	262	88	198	
78100300	REPLACEMENT REFLECTOR	EACH	10440	549		953	7596	485	262	595	
78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	2526	85	95	147	2010	75	35	79	

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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**SUMMARY OF QUANTITIES**

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

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
39 & 80	D-3 REFLECTOR REPL 22-23	VARIOUS	7	3
			CONTRACT NO. 46587	
		ILLINOIS	FED. AID PROJECT	

**RAISED REFLECTIVE PAVEMENT MARKER SCHEDULE - BUREAU COUNTY**

PRIORITY NO.	ROUTE	COUNTY	LOCATION	DESCRIPTION OF REFLECTORS				REPLACEMENT REFLECTORS (ONLY)		RRPM (CASTING W/REFLECTOR)		RRPM REMOVAL (CASTING REMOVAL)	
								URBAN	RURAL	URBAN	RURAL	URBAN	RURAL
				CRYSTAL	CRYSTAL /RED	AMBER	AMBER /RED	EACH	EACH	EACH	EACH	EACH	EACH
9	I-80	BUREAU	MP 55.4 TO MP 61.54	1610				429	618	230	333	66	95
	I-80	BUREAU	EXIT 56		132		53	120		65		19	
SUBTOTALS								549	618	295	333	85	95
TOTALS								1167		628		180	

**RAISED REFLECTIVE PAVEMENT MARKER SCHEDULE - LASALLE COUNTY**

PRIORITY NO.	ROUTE	COUNTY	LOCATION	DESCRIPTION OF REFLECTORS					REPLACEMENT REFLECTORS (ONLY)		RRPM (CASTING W/REFLECTOR)		RRPM REMOVAL (CASTING REMOVAL)	
									URBAN	RURAL	URBAN	RURAL	URBAN	RURAL
				CRYSTAL	CRYSTAL (ADJ. TO GORE)	CRYSTAL /RED	AMBER	AMBER /RED	EACH	EACH	EACH	EACH	EACH	EACH
1	I-80	LASALLE	MP 74 TO MP 75.5 EB & WB	396	12				148	117	80	63	23	18
	I-80	LASALLE	EXIT 75			130		49	116		63		18	
2	I-80	LASALLE	MP 77.1 TO MP 80.7 EB & WB	950						333		618		95
5	I-80	LASALLE	MP 92.3 TO MP 96.5 EB	1108	70					766		412		118
	I-80	LASALLE	EXIT 93			133		27		104		56		16
SUBTOTALS								264	1320	143	1149	41	247	
TOTALS								1584		1292		288		

**RAISED REFLECTIVE PAVEMENT MARKER SCHEDULE - LASALLE COUNTY**

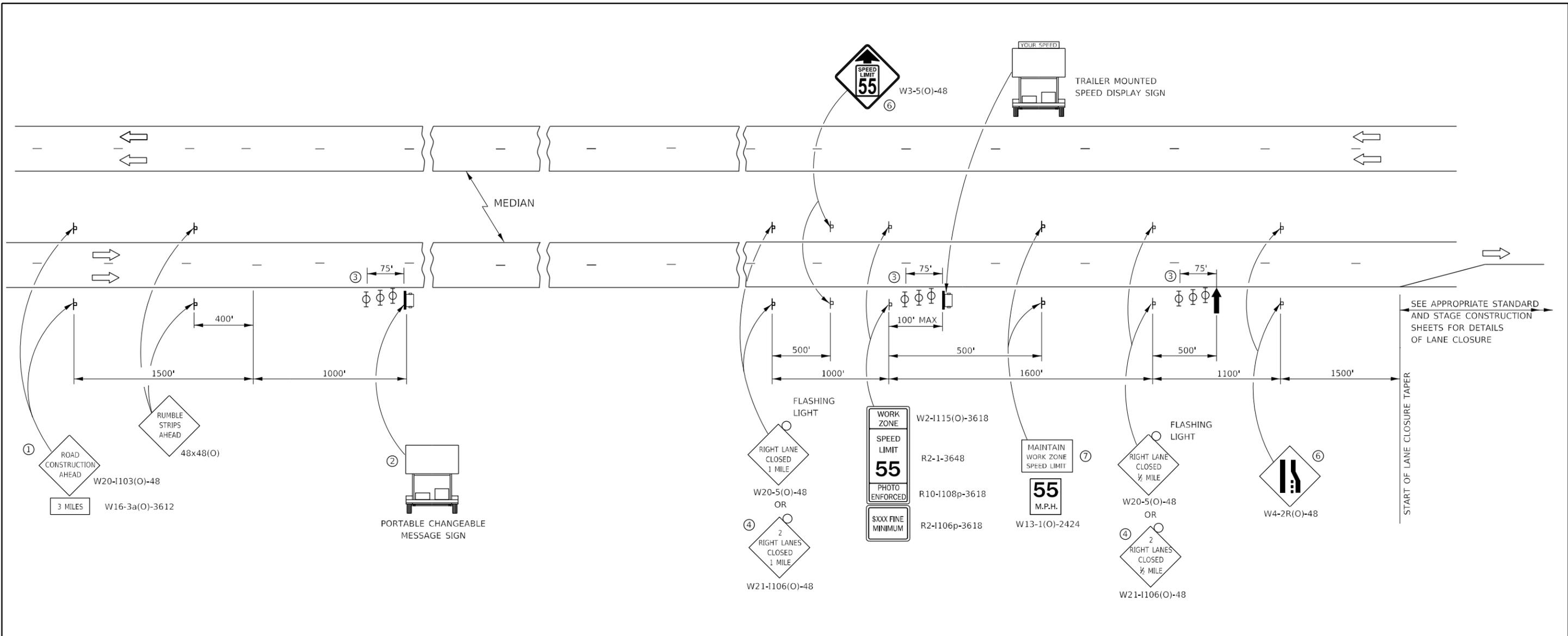
PRIORITY NO.	ROUTE	COUNTY	LOCATION	DESCRIPTION OF REFLECTORS					REPLACEMENT REFLECTORS (ONLY)		RRPM (CASTING W/REFLECTOR)		RRPM REMOVAL (CASTING REMOVAL)	
									URBAN	RURAL	URBAN	RURAL	URBAN	RURAL
				CRYSTAL	CRYSTAL (ADJ. TO GORE)	CRYSTAL /RED	AMBER	AMBER /RED	EACH	EACH	EACH	EACH	EACH	EACH
8	I-39	LASALLE	MP 40.2 TO MP 60 NB & SB	5253	113				515	2973	277	1601	79	457
	I-39	LASALLE	EXITS: 41, 48, 51, 52, 54 & 57			860		294	174	576	94	310	27	886
3	I-39	LASALLE	MP 60 TO MP 65 SB	660						429		231		66
	I-39	LASALLE	EXITS 65 & 72			339		137		309		167		48
4	I-39	LASALLE	MP 65 TO MP 76.4	3010	50					1989		1071		306
SUBTOTALS								689	6276	371	3380	106	1763	
TOTALS								6965		3751		1869		

**RAISED REFLECTIVE PAVEMENT MARKER SCHEDULE - GRUNDY COUNTY**

PRIORITY NO.	ROUTE	COUNTY	LOCATION	DESCRIPTION OF REFLECTORS					REPLACEMENT REFLECTORS (ONLY)		RRPM (CASTING W/REFLECTOR)		RRPM REMOVAL (CASTING REMOVAL)	
									URBAN	RURAL	URBAN	RURAL	URBAN	RURAL
				CRYSTAL	CRYSTAL (ADJ. TO GORE)	CRYSTAL/RED	AMBER	AMBER/RED	EACH	EACH	EACH	EACH	EACH	EACH
6	I-80	GRUNDY	MP 111.7 TO MP 115 EB & WB	872	24				77	595	26	198	10	79
	I-80	GRUNDY	EXIT 112			196		50	185		62		25	
SUBTOTALS									262	595	88	198	35	79
TOTALS									857		286		114	

**RAISED REFLECTIVE PAVEMENT MARKER SCHEDULE - KENDALL COUNTY**

PRIORITY NO.	ROUTE	COUNTY	LOCATION	DESCRIPTION OF REFLECTORS					REPLACEMENT REFLECTORS (ONLY)		RRPM (CASTING W/REFLECTOR)		RRPM REMOVAL (CASTING REMOVAL)	
									URBAN	RURAL	URBAN	RURAL	URBAN	RURAL
				CRYSTAL	CRYSTAL (ADJ. TO GORE)	CRYSTAL/RED	AMBER	AMBER/RED	EACH	EACH	EACH	EACH	EACH	EACH
7	I-80	KENDALL	MP 121 TO MP 122.5 EB & WB	512	33				354		191		55	
	I-80	KENDALL	EXIT 22			147		55	131		71		20	
SUBTOTALS									485		262		75	
TOTALS									485		262		75	



- ① THE ROAD CONSTRUCTION AHEAD SIGN SHALL BE LOCATED 3 MILES IN ADVANCE OF THE PROJECT LIMITS.
- ② TO BE PLACED IN THE MEDIAN WHEN FEASIBLE. THE MESSAGE BOARD SHALL BE USED TO DISPLAY STATUS OF LANES WITHIN THE PROJECT. THE PRIMARY MESSAGES SHALL BE:  
 "RIGHT LANE CLOSED" / " " x MILES AHEAD"  
 "LEFT LANE CLOSED" / " " x MILES AHEAD"  
 "ALL LANES OPEN"
- ③ THREE, TYPE II BARRICADES, DRUMS, OR VERTICAL BARRICADES AT 25' CENTERS.
- ④ THIS SIGN SHALL BE USED WHEN 2 LANES ARE CLOSED.
- ⑤ WHEN THE LEFT LANE IS CLOSED, SWITCH THESE TWO SIGNS AND THE DIRECTION OF THE MERGE ARROW.
- ⑥ THIS SIGN SHALL ONLY BE USED IF THE EXISTING SPEED LIMIT IS GREATER THAN 65 MPH.

⑦ 48"x36" FLUORESCENT ORANGE SIGN WITH BLACK LETTERS.  
48"



"MAINTAIN WORK ZONE SPEED LIMIT" SIGN SHALL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THIS TRAFFIC CONTROL STANDARD.

- ↑ ARROW BOARD
- ☐ PORTABLE CHANGEABLE MESSAGE SIGN
- ⊥ SIGN
- ⊕ TYPE II BARRICADE, DRUM, OR VERTICAL BARRICADE WITH MONODIRECTIONAL FLASHING LIGHT
- ≡ TEMPORARY RUMBLE STRIPS (SEE SPECIAL PROVISION)

**GENERAL NOTE:**

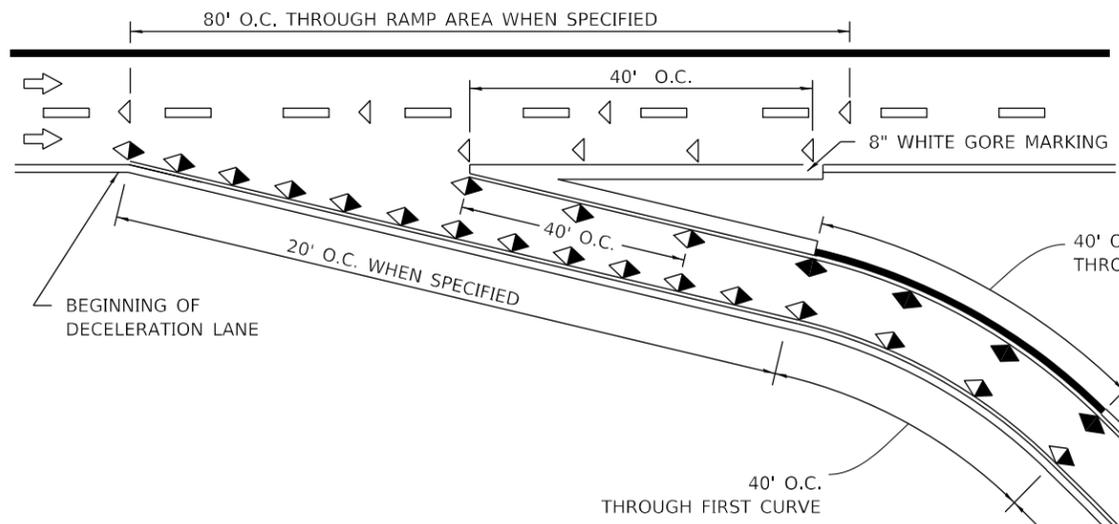
THIS STANDARD IS USED WHERE AT ANY TIME A LANE IS CLOSED ON A FREEWAY/EXPRESSWAY.

WHEN THE LEFT LANE IS CLOSED, LEFT LANE CLOSED SIGNS SHALL BE SUBSTITUTED FOR THE RIGHT LANE CLOSED SIGNS.

THE FIRST THREE SIGNS, RUMBLE STRIPS AND THE MESSAGE BOARD ARE STATIONARY. THE OTHER SIGNS AND ARROWBOARDS SHALL BE MOVED AS NECESSARY TO MAINTAIN THE REQUIRED DISTANCE FROM THE START OF THE LANE CLOSURE TAPER(S).

SEE SPECIAL PROVISIONS.

FILE NAME =	USER NAME = woodshank1	DESIGNED - RW	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>TRAFFIC CONTROL AND PROTECTION, STANDARD 701400</b>	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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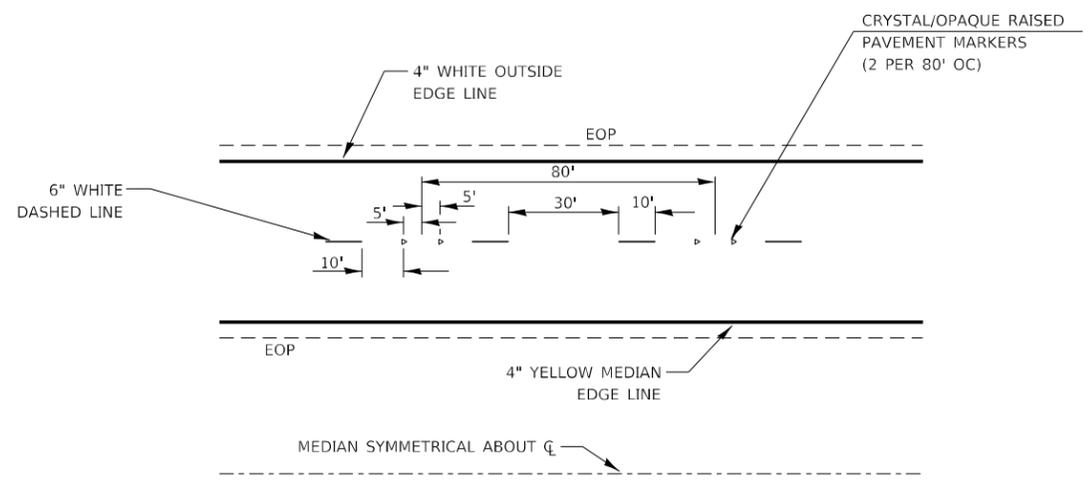
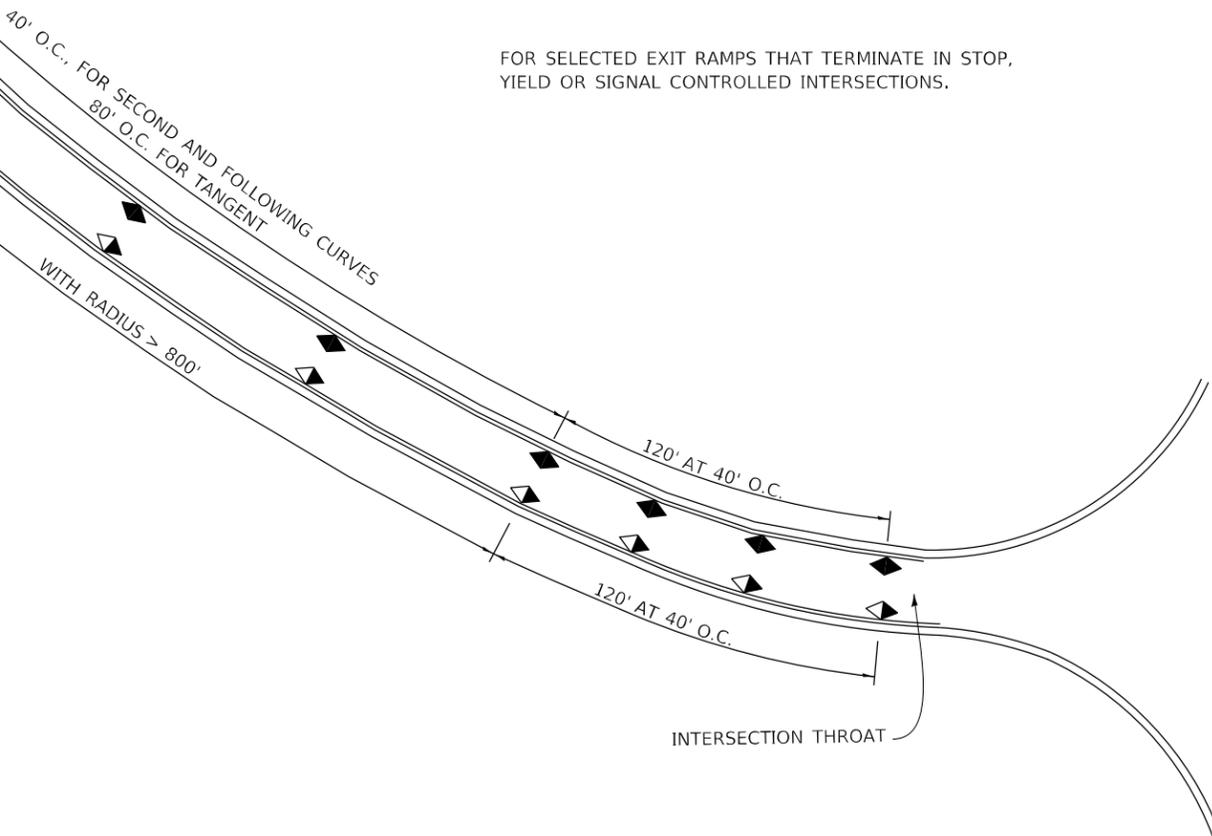
**SYMBOLS**

-  YELLOW STRIPE
-  WHITE STRIPE
-  ONE-WAY CRYSTAL MARKER
-  ONE-WAY AMBER MARKER
-  CRYSTAL/RED MARKER
-  AMBER/RED MARKER

FOR SELECTED EXIT RAMPs THAT TERMINATE IN STOP, YIELD OR SIGNAL CONTROLLED INTERSECTIONS.

**FREEWAY EXIT RAMP**

MODIFIED FOR "RED" RRPM LENS INSTALLATION



**TYPICAL PAVEMENT MARKINGS**

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