

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VARIOUS	D-3 REFLECTOR REPL 20-03	VARIOUS	7	1
		ILLINOIS	CONTRACT NO. 46550	

INDEX OF SHEETS

1. COVER SHEET
2. GENERAL NOTES
3. SUMMARY OF QUANTITIES
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6. RAISED REFLECTIVE PAVEMENT MARKER DETAILS
7. TYPICAL PAVEMENT MARKING/MARKER DETAILS FOR EXIT RAMP TERMINALS

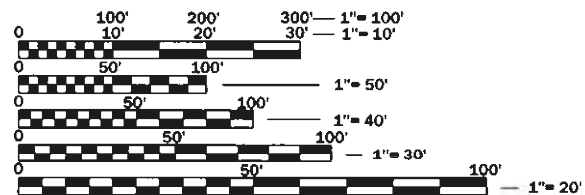
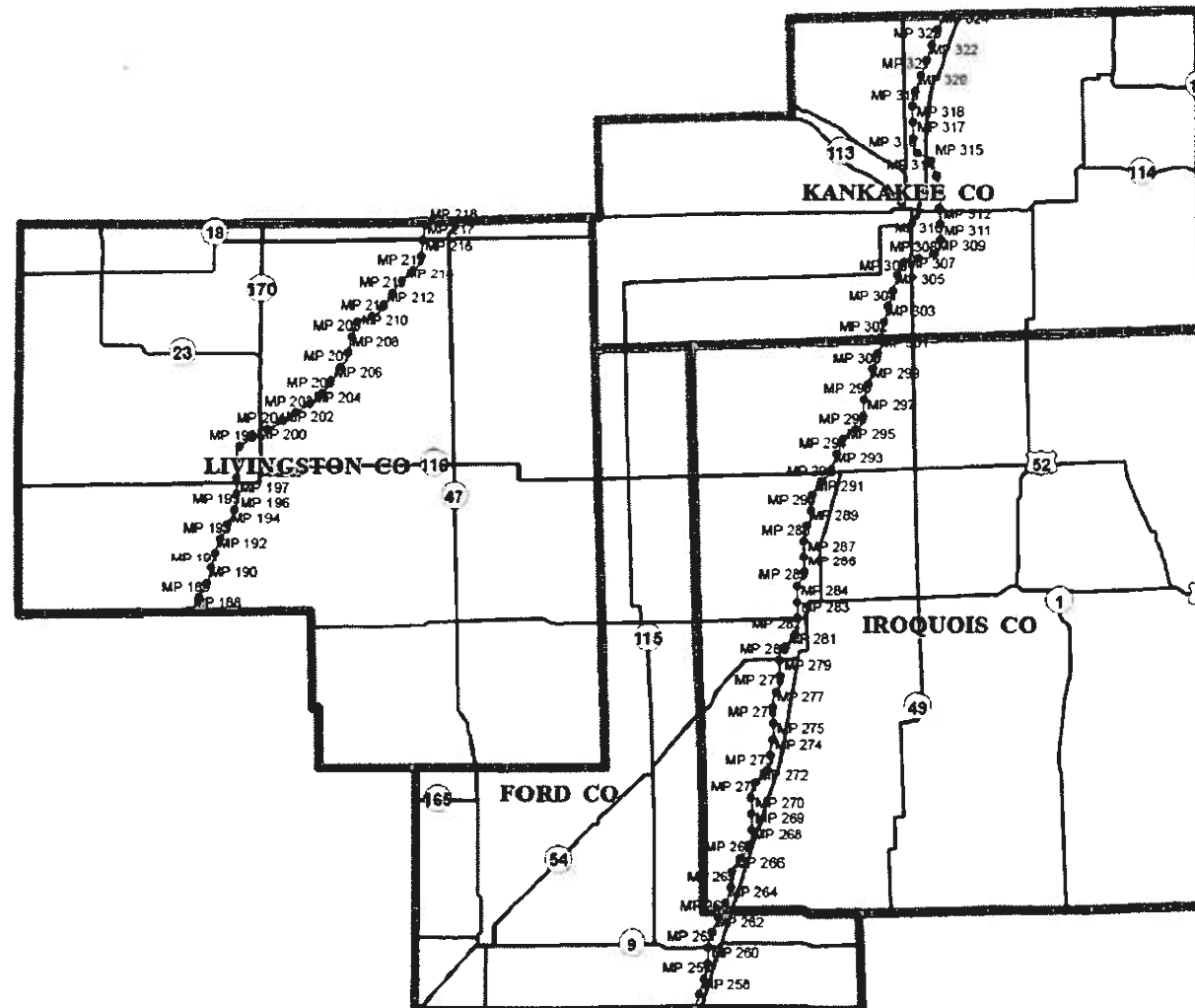
STANDARDS

- 701301-04 LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS
- 701306-04 LANE CLOSURE, 2L, 2W, SLOW MOVING OPERATIONS DAY ONLY, FOR SPEEDS ≥ 45 MPH
- 701311-03 LANE CLOSURE, 2L, 2W, MOVING OPERATIONS - DAY ONLY
- 701400-09 APPROACH TO LANE CLOSURE, FREEWAY/EXPRESSWAY
- 701406-12 LANE CLOSURE, FREEWAY/EXPRESSWAY, DAY OPERATIONS ONLY
- 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
- 701501-06 URBAN LANE CLOSURE, 2L, 2W, UNDIVIDED
- 701502-09 URBAN LANE CLOSURE 2L, 2W, WITH BIDIRECTIONAL LEFT TURN LANE
- 701901-08 TRAFFIC CONTROL DEVICES

PROPOSED  
HIGHWAY PLANS

VARIOUS ROUTES  
SECTION D3 REFLECTOR REPL 21-03  
RRP MARKER/REFLECTOR REPLACEMENT  
VARIOUS COUNTIES

M-60-003-21



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: JOE KANNEL  
UNIT CHIEF: RON WOODSHANK  
DISTRICT 3 NO. (815) 434-6131  
CONTRACT NO. 46550

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

SUBMITTED *March 17* 2020  
*[Signature]*  
REGIONAL ENGINEER

May 8, 2020  
*[Signature]*  
ENGINEER OF DESIGN AND ENVIRONMENT

May 8, 2020  
*[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: *[Signature]*  
DISTRICT STUDIES & PLANS ENGINEER

DATE: March 17, 2020

EXAMINED BY: *[Signature]*  
DISTRICT CONSTRUCTION ENGINEER

*[Signature]*  
DISTRICT MATERIALS ENGINEER

*[Signature]*  
DISTRICT OPERATIONS ENGINEER

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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**GENERAL NOTES**

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

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VARIOUS	D-3 REFLECTOR REPL 20-03	VARIOUS	7	2
CONTRACT NO. 46550				
ILLINOIS   FED. AID PROJECT				

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE					
				100% STATE LIVINGSTON	LIVINGSTON	IROQUOIS	KANKAKEE	KANKAKEE	FORD
				SAFETY 0021	SAFETY 0021	SAFETY 0021	SAFETY 0021	SAFETY 0021	SAFETY 0021
				RURAL	URBAN	RURAL	RURAL	URBAN	RURAL
67100100	MOBILIZATION	L SUM	1	0.17	0.17	0.17	0.17	0.17	0.15
78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	6352	1144	388	2306	73	2012	429
78100300	REPLACEMENT REFLECTOR	EACH	12464	1916	444	4628	239	4338	899
78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	1898	349	96	720	31	547	155

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

PRIORITY NO.	ROUTE	COUNTY	LOCATION	DESCRIPTION OF REFLECTORS				TOTAL REFLECTORS		REPLACEMENT REFLECTORS (ONLY)		RRPM (CASTING W/REFLECTOR)		RRPM REMOVAL (CASTING REMOVAL)	
								RURAL	URBAN	RURAL	URBAN	RURAL	URBAN	RURAL	URBAN
				CRYSTAL	CRYSTAL/RED	AMBER	AMBER/RED	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH
1	I-55	LIVINGSTON	MP 215.3 TO MP 221.2	1780		80		1387	473	828	282	559	191	224	76
			EXIT RAMP MP 217	24	128		80		232	232		162		70	
			EXIT RAMP MP 220	24	128			232		162		70		30	
2	IL 116	LIVINGSTON	WOODFORD CO. LINE TO W. OF I-55	20		960		980		600		380		75	
23	IL 17	LIVINGSTON	W. OF I-55 (2400E RD.) TO OR 66	28		99			127				127		
*	IL 47	LIVINGSTON	US 24 TO FORD CO. LINE			461		461		326		135		20	
SUBTOTALS										1916	444	1144	388	349	96
TOTALS										2360		1532		445	

\*ADDITIONAL POSSIBLE LOCATIONS FOR RRPM REPLACEMENT IF QUANTITIES AVAILABLE.

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

PRIORITY NO.	ROUTE	COUNTY	LOCATION	DESCRIPTION OF REFLECTORS				TOTAL REFLECTORS		REPLACEMENT REFLECTORS (ONLY)		RRPM (CASTING W/REFLECTOR)		RRPM REMOVAL (CASTING REMOVAL)	
								RURAL	URBAN	RURAL	URBAN	RURAL	URBAN	RURAL	URBAN
				CRYSTAL	CRYSTAL/RED	AMBER	AMBER/RED	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH
5	I-57	IROQUOIS	MP 289 TO MP 293.4	1058		20		1078		593		485		175	
			EXIT RAMP MP 293	24	144		24		192		136		56		20
6	US 24	IROQUOIS	IN GILMAN (US 45) TO CRESENT CITY (IL 49)			411		411		261		150		50	
7	US 24	IROQUOIS	CRESENT CITY TO WATSEKA			331		331		231		100		30	
8	I-57	IROQUOIS	MP 273.5 TO MP 281.2 NB	1016				1016		616		400		115	
			EXIT RAMP MP 280	24	148		48		220		160		60		20
9	I-57	IROQUOIS	MP 285.5 TO MP 289	1182				1182		782		400		125	
17	US 45	IROQUOIS	LODA NCL TO FORD/IROQUOIS CO. LINE			148		148		103		45		15	
18	IL 49	IROQUOIS	US 24 TO VERMILION CO. LINE.			1390		1390		1030		360		100	
*	US 52	IROQUOIS	US 24 TO IL 1	8		958		966		716		250		70	
SUBTOTALS										4628		2306		720	
TOTALS										4628		2306		720	

\*ADDITIONAL POSSIBLE LOCATIONS FOR RRPM REPLACEMENT IF QUANTITIES AVAILABLE.

RAISED REFLECTIVE PAVEMENT MARKER SCHEDULE - KANKAKEE COUNTY

PRIORITY NO.	ROUTE	COUNTY	LOCATION	DESCRIPTION OF REFLECTORS				TOTAL REFLECTORS		REPLACEMENT REFLECTORS (ONLY)		RRPM (CASTING W/REFLECTOR)		RRPM REMOVAL (CASTING REMOVAL)	
								RURAL	URBAN	RURAL	URBAN	RURAL	URBAN	RURAL	URBAN
				CRYSTAL	CRYSTAL/RED	AMBER	AMBER/RED	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH
3	I-57	KANKAKEE	MP 314 TO MP 316.1 EXIT RAMP MP 315	306			54		306		206		100	30	
4	IL 102	KANKAKEE	IN BOURBONNAIS: BRIARCLIFF TO US 45/52	325	224	**275			314		174		140	8	
10	IL 17	KANKAKEE	CH 9 (LIMESTONE RD) TO US 45/52	821		***1389		312	1898	239	1451	73	447	31	
11	IL 50	KANKAKEE	LARRY POWER RD. TO ARMOUR RD.	409		86			495		295		200	55	
12	IL 50	KANKAKEE	ARMOUR RD. TO BROOKMONT	576		450			1026		651		375	80	
13	IL 50	KANKAKEE	MANTENO TO 6000N RD (1/2 MI. N.)	548		274			822		622		200	60	
20	US 45/US 52	KANKAKEE	I-57 TO IL 50	476		416			889		589		300	60	
*	IL 1/IL 17	KANKAKEE	NCL MOMENCE TO GRANT PARK	43		317		360		300		60		15	
*	IL 1/IL 17	KANKAKEE	JCT. IL 1 TO MOMENCE	16		376		392		322		70		20	
SUBTOTALS										239	4338	73	2012	31	547
TOTALS										4577		2085		578	

\*ADDITIONAL POSSIBLE LOCATIONS FOR RRPM REPLACEMENT IF QUANTITIES AVAILABLE.

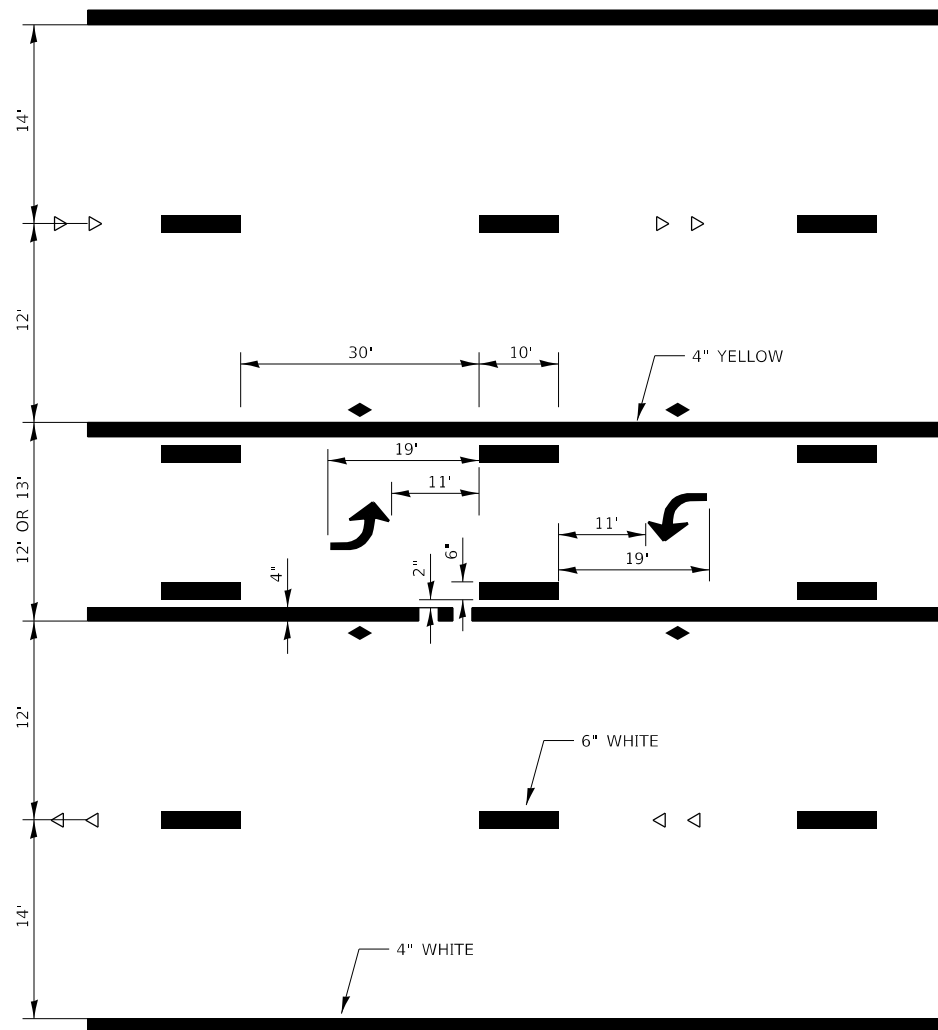
\*\* 2-WAY

\*\*\* 225-2W, 50-1W

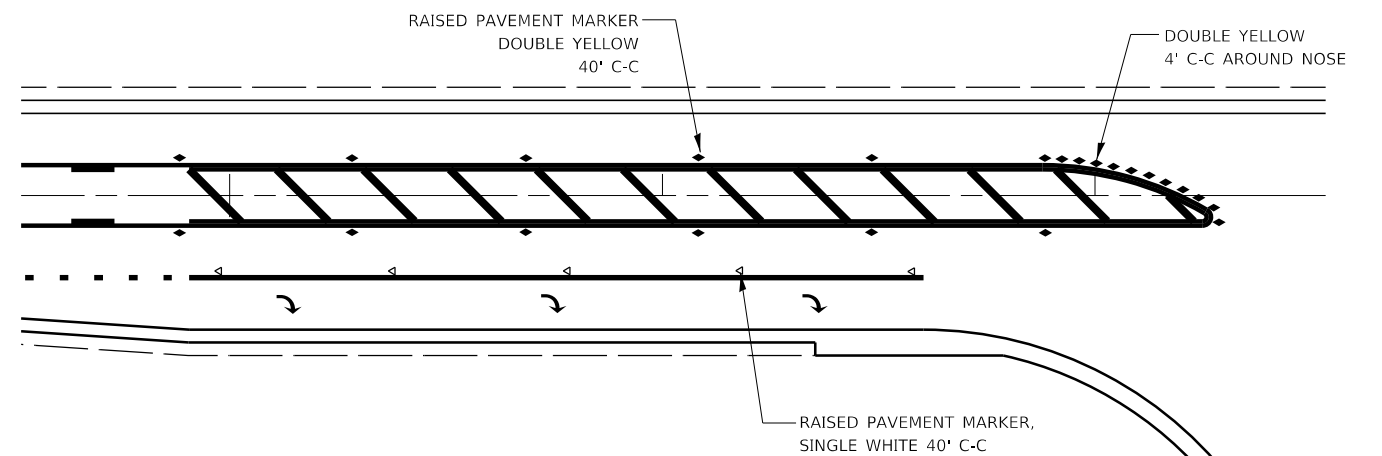
RAISED REFLECTIVE PAVEMENT MARKER SCHEDULE - FORD COUNTY

PRIORITY NO.	ROUTE	COUNTY	LOCATION	DESCRIPTION OF REFLECTORS				TOTAL REFLECTORS		REPLACEMENT REFLECTORS (ONLY)		RRPM (CASTING W/REFLECTOR)		RRPM REMOVAL (CASTING REMOVAL)	
								RURAL	URBAN	RURAL	URBAN	RURAL	URBAN	RURAL	URBAN
				CRYSTAL	CRYSTAL/RED	AMBER	AMBER/RED	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH
14	IL 9	FORD	IL 115 JCT. TO BALTIMORE ST (IN PAXTON)			200		200		160		40		15	
15	IL 47	FORD	LIVINGSTON/FORD CO. LINE TO IL 9	9		766		775		510		265		85	
16	US 45	FORD	IROQUOIS CO. LINE TO IL 9 (IN PAXTON)	3		135		138		98		40		15	
19	IL 9	FORD	I-57 TO STOCKHOLM RD. (E. SIDE OF PAXTON)	8		118		126		76		50		30	
*	IL 47/IL 9	FORD	IN GIBSON CITY: 8TH ST. TO IL 54	4		85		89		55		34		10	
SUBTOTALS										899		429		155	
TOTALS										899		429		155	

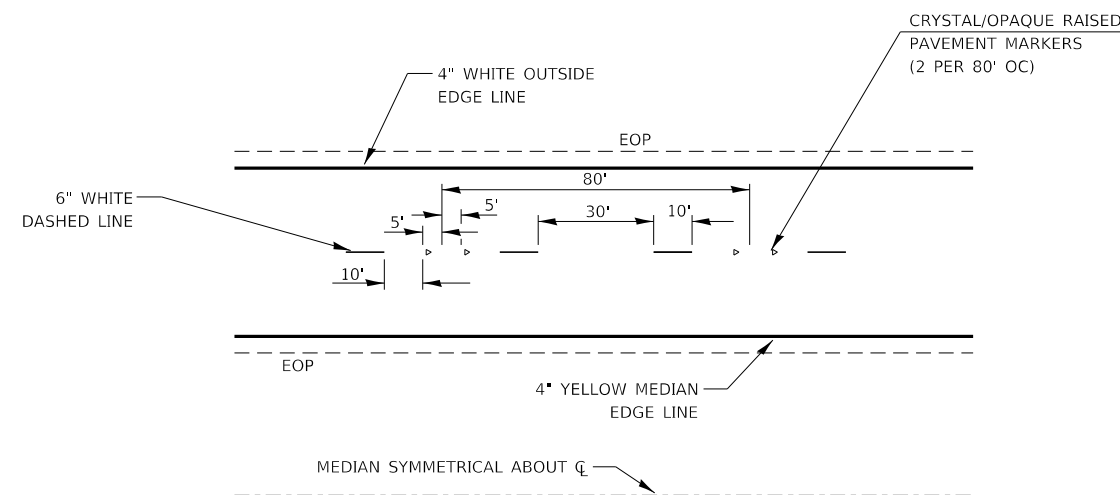
\*ADDITIONAL POSSIBLE LOCATIONS FOR RRPM REPLACEMENT IF QUANTITIES AVAILABLE.



**URBAN - TYPICAL APPLICATION @  
TWO WAY LEFT TURN LANE (TWLTL)**



**RAISED REFLECTIVE PAVEMENT MARKERS  
@ RIGHT TURN LANE**



**TYPICAL PAVEMENT MARKINGS**

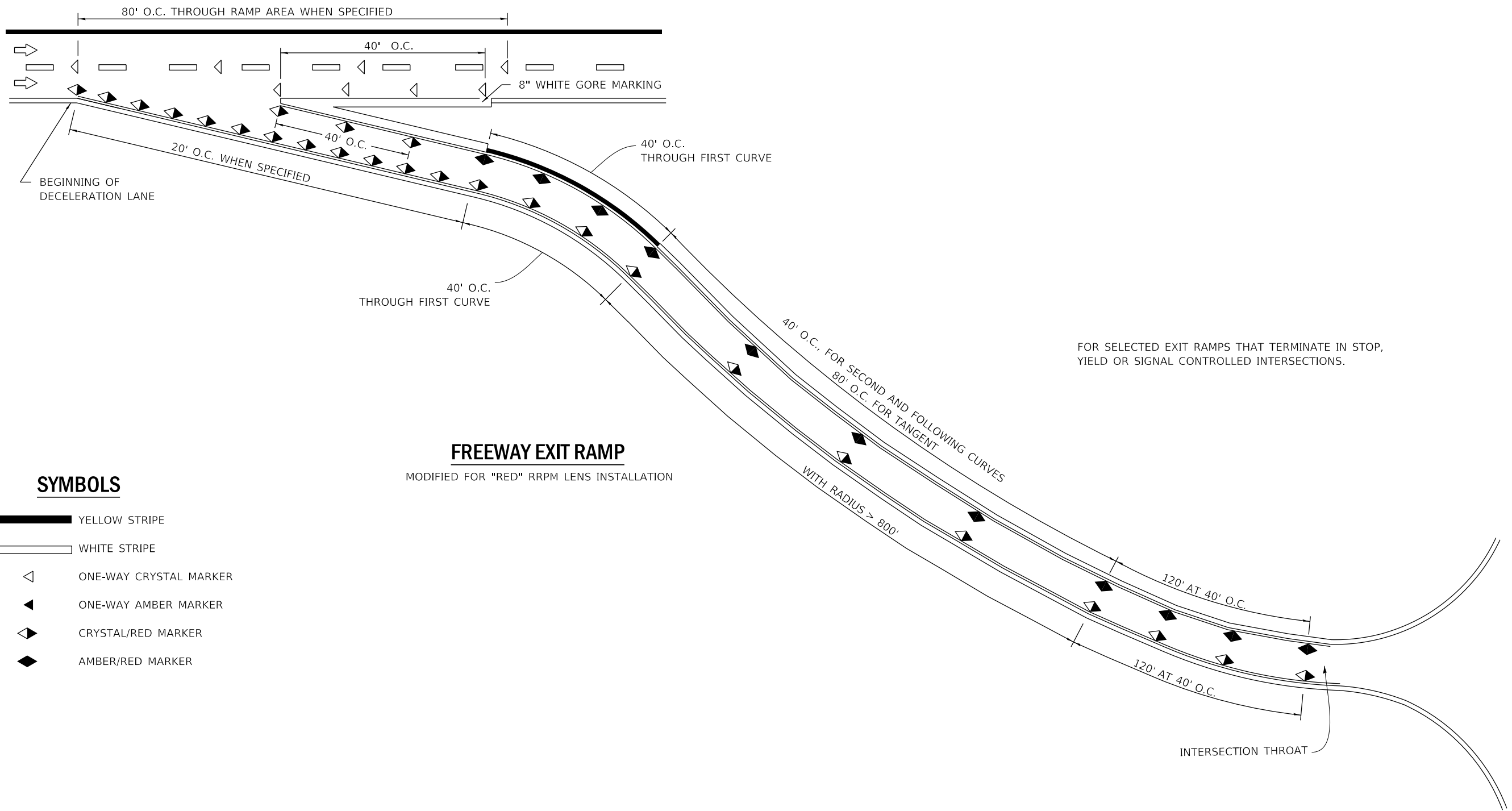
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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**RAISED REFLECTIVE PAVEMENT MARKER DETAILS**

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

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VARIOUS	D-3 REFLECTOR REPL 20-03	VARIOUS	7	6
			CONTRACT NO. 46550	
		ILLINOIS	FED. AID PROJECT	









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

**FREEWAY EXIT RAMP**

MODIFIED FOR "RED" RRPM LENS INSTALLATION

**SYMBOLS**

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

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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**TYPICAL PAVEMENT MARKING/MARKER  
DETAILS FOR EXIT RAMP TERMINALS**

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

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VARIOUS	D-3 REFLECTOR REPL 20-03	VARIOUS	7	7
CONTRACT NO. 46550				
ILLINOIS FED. AID PROJECT				