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5	PAVEMENT MARKING PLAN--5" RURAL LEFT TURN BAY DETAIL
6	PAVEMENT MARKING DETAILS

**STANDARD PLANS**

920-R5	(2 SHEETS) TRAFFIC CONTROL, CONSTRUCTION AND MAINTENANCE
921-R5	(2 SHEETS) TRAFFIC CONTROL, CONSTRUCTION AND MAINTENANCE
924	(3 SHEETS) TYPICAL URBAN TRAFFIC CONTROL PLAN

**STATE OF NEBRASKA  
DEPARTMENT OF ROADS**

**PLANS FOR CONSTRUCTION  
DISTRICT 1 - DISTRICTWIDE  
STRIPING**

**BUTLER, CASS, GAGE, JEFFERSON,  
JOHNSON, LANCASTER, NEMAHA, OTOE,  
RICHARDSON, SALINE, SAUNDERS,  
& SEWARD COUNTIES**

(R) 13 NOV 2013  
REVISED SHEET

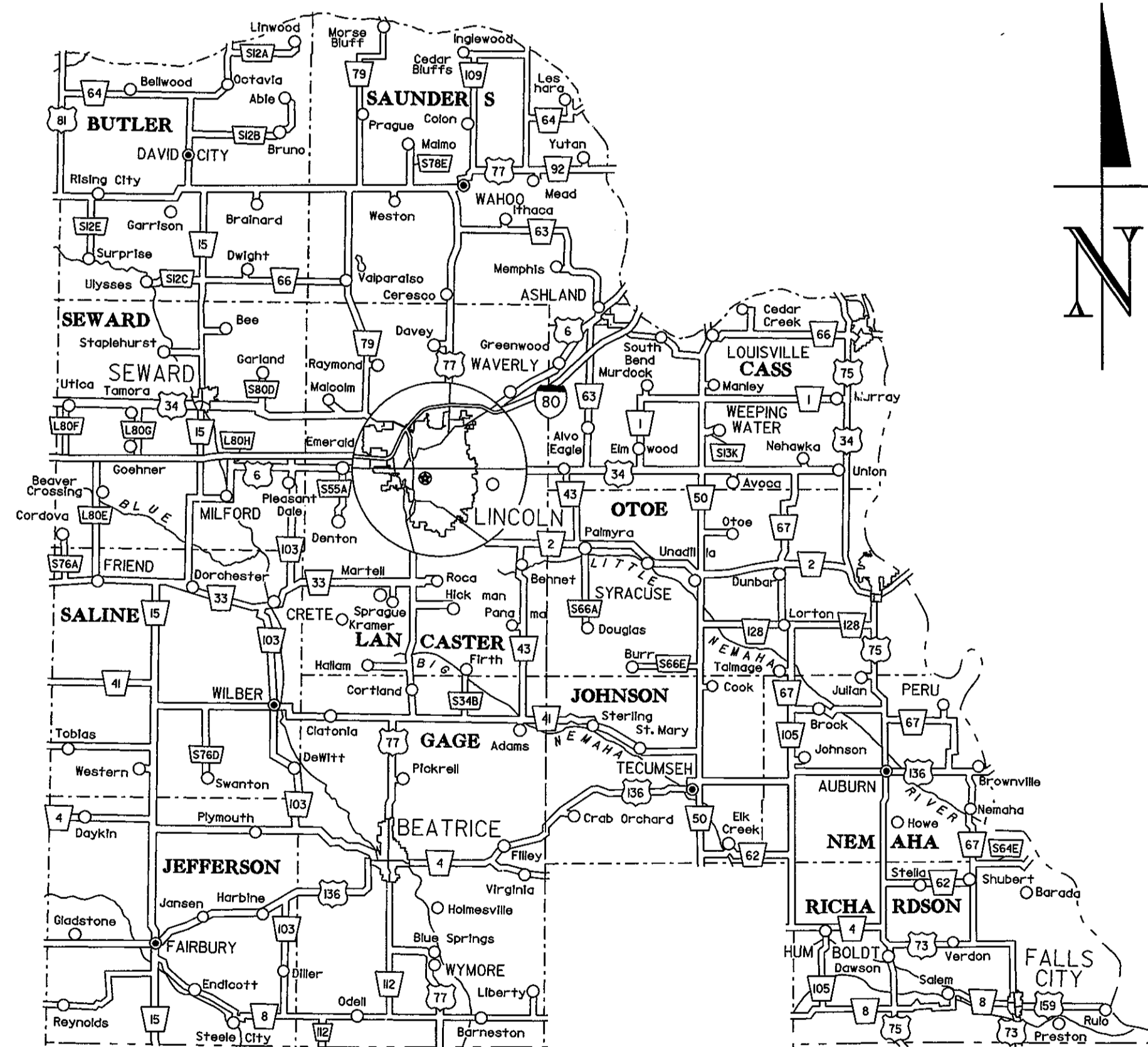
PROJECT NO.	SHEET NO.
HSIP-D1(104)	1
▲ CONTROL NO. 13242	
▲ CONTROL NO. 13242 1	
■ CONTROL NO.	

THE 2007 EDITION OF THE NEBRASKA STANDARD SPECIFICATIONS AND THE SPECIAL PROVISIONS APPLY TO THIS PROJECT.

**SUMMARY OF QUANTITIES**

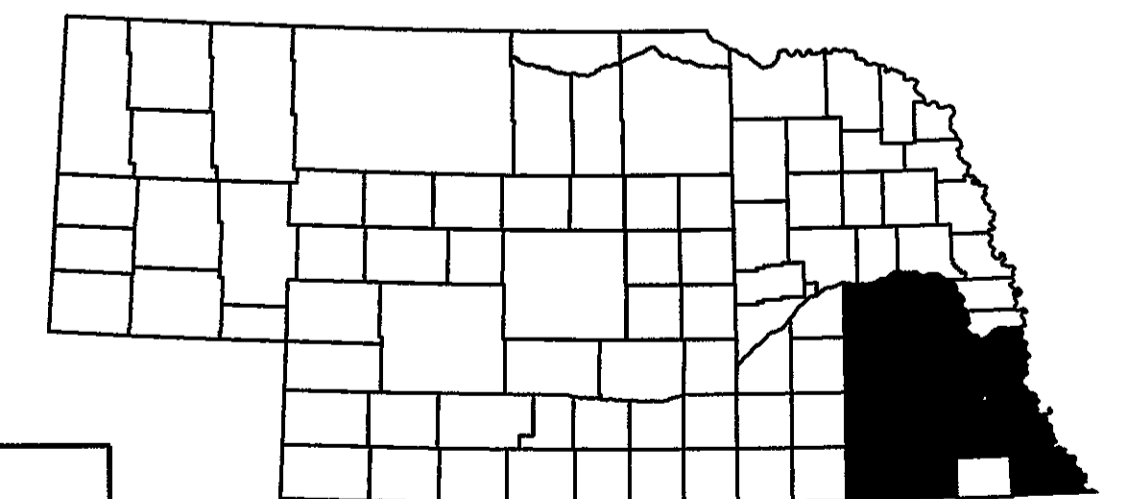
**SPECIALTY ITEMS  
GROUP 8**

ITEM	QUANTITY	UNITS
BARRICADE, TYPE II	16,075.000	B DAY
TEMPORARY SIGN DAY	4,172.000	EACH
PAVEMENT MARKING REMOVAL	5,000.000	LF
FLASHING ARROW PANEL	12.000	DAY
FLAGGING	320.000	DAY
FURNISHING AND OPERATING PILOT VEHICLE	160.000	DAY
MOBILIZATION	1.000	LS
5" WHITE PERMANENT PAVEMENT MARKING, GROOVED	3,101,500.000	LF
5" YELLOW PERMANENT PAVEMENT MARKING, GROOVED	1,299,250.000	LF
12" WHITE PERMANENT PAVEMENT MARKING, GROOVED	1,800.000	LF
12" YELLOW PERMANENT PAVEMENT MARKING, GROOVED	20,300.000	LF
24" WHITE PERMANENT PAVEMENT MARKING, GROOVED ONLY	288.000	LF
RAILROAD CROSSING SYMBOL	1.000	EACH
STOP AHEAD SYMBOL	1.000	EACH
LEFT ARROW	65.000	EACH
RIGHT ARROW	3.000	EACH



REJECTED

THE WORK ON THIS PROJECT CONSISTS OF GROUPS	
8-SPECIALTY	
▲ GROUPS 8	ARE INCLUDED IN THE LETTING OF OCTOBER 24, 2013
▲ GROUPS 8	ARE INCLUDED IN THE LETTING OF DECEMBER 12, 2013
■ GROUPS	ARE INCLUDED IN THE LETTING OF



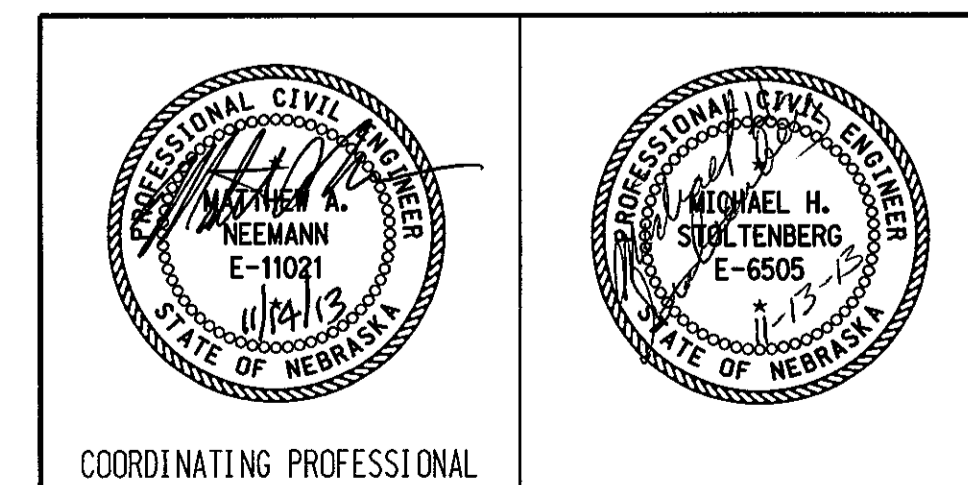
**CONVENTIONAL SIGNS**

FENCE R.O.W. OR WIRE	
GUARDRAIL	
TRAVELED WAY	
DIKE	
CULVERT	
POWER POLE	
TELEPHONE POLE	
MAILBOX	
RAILROAD TRACKS	
MARSH	
TREE - CONIFEROUS	
TREE - DECIDUOUS	

**R.O.W. LEGEND**

NEW CONTROLLED ACCESS	
PREVIOUS CONTROLLED ACCESS	
LIMITS OF CONSTRUCTION	
PREVIOUS R.O.W.	
NEW R.O.W.	
EXISTING PERMANENT EASEMENT	
TEMPORARY EASEMENT	
EXCESS TAKING	
PERMANENT EASEMENT	
EXISTING RAILROAD EASEMENT	
NEW RAILROAD PERMANENT EASEMENT	
NEW RAILROAD TEMPORARY EASEMENT	

REFERENCE POST NO. TO REFERENCE POST NO.  
EXCEPTIONS: FROM STA. TO STA.  
TOTAL NET LENGTH OF PROJECT: FEET MILES



CONSTRUCTION DIVISION

Computer: DRCONSTRUCTIO

User: dor17005

Date: 13-NOV-2013 14:12

File: 132420psheet1.rvt.dgn  
Scale: 1:100

## D-1 QUANTITIES

HIGHWAY	LOCATION DESCRIPTION	PAVEMENT DESCRIPTION	REFERENCE POST		SEGMENT LENGTH (MILES)	*PAVEMENT MARKINGS (LINEAR FOOT)					*LEGENDS, ARROWS, & SYMBOLS (EACH)						
			BEGIN	END		5" YELLOW	5" WHITE	12" YELLOW	12" WHITE	24" WHITE	RAILROAD CROSSING SYMBOL	STOP AHEAD SYMBOL	ONLY SYMBOL	ARROWS			
															LEFT	RIGHT	THRU
US-6	WCL FRIEND - JCT. L-80H SOUTH	ASPHALT	272.10	292.03	19.93	82,550	211,250	450	150								
		CONCRETE	292.03	292.29	0.26	1,400	3,350										
		ASPHALT	292.29	292.97	0.68	7,200	7,200										
		CONCRETE	292.97	293.74	0.77	5,400	3,100	100									
		ASPHALT	293.74	296.15	2.41	7,200	25,250	200									
US-6	SEWARD/LANCASTER LN EAST - WCL LINCOLN	ASPHALT	303.09	305.27	2.18	11,900	23,050										
		CONCRETE	305.27	306.27	1.00	5,150	10,600										
		ASPHALT	306.27	308.90	2.63	20,700	27,150	3,100					17				
US-6	SW OF SWCL - SW OF E JCT. N-66	ASPHALT	331.38	337.84	6.46	34,550	68,850	3,050				1					
N-15	N JCT. N-8 - NCL FAIRBURY NORTH	CONCRETE	8.81	9.23	0.42	6,050	2,950	500									
		ASPHALT	9.23	13.16	3.93	24,250	33,050	500					16				
N-15	N JCT. US-6 - NR S END I-80 SOUTH	ASPHALT	57.03	60.41	3.38	10,700	35,600										
N-15	S OF SEWARD/BUTLER LINE - W JCT. N-92	ASPHALT	76.08	88.66	12.58	41,500	133,100	850									
N-15	O ST DAVID CITY - N JCT. N-64 EAST	ASPHALT	92.68	97.96	5.28	19,250	57,600	350	750								
N-33	JCT. US-6 EAST - WCL CRETE WEST	ASPHALT	0.00	9.47	9.47	27,000	99,350	400									
N-33	E JCT. N-103/NECL CRETE EAST - JCT. US-77 VIA WEST	CONCRETE	13.30	13.56	0.26	1,150	2,750										
		ASPHALT	13.56	14.65	1.09	4,400	11,450										
		CONCRETE	14.65	25.37	10.72	5,650	113,600	250									
US-34	YORK/SEWARD LN EAST - WCL SEWARD WEST	ASPHALT	285.71	299.13	13.42	26,200	141,750										
N-50	SCL - N OF WEBSTER ST. TECUMSEH - JCT. N-1	CONCRETE	31.72	32.07	0.35	4,350	3,300										
		ASPHALT	32.07	32.86	0.79	10,150	4,650						6				
		CONCRETE	32.86	51.96	19.10	96,700	209,350	2,250		72	2						
		ASPHALT	51.96	53.00	1.04	11,000	4,350										
		CONCRETE	53.00	53.44	0.44	1,200	4,700										
		ASPHALT	51.96	66.86	14.90	83,100	152,400										
		CONCRETE	66.86	67.02	0.16	1,200	350										
		ASPHALT	67.02	69.76	2.74	20,600	800										
CONCRETE	69.76	69.95	0.19	3,600	850												

\* THESE QUANTITIES ARE APPROXIMATE AND SHALL BE FIELD CHECKED BEFORE ORDERING MATERIAL.

USERNAME: \*\*\*\*\*  
 DATE: \*\*\*\*\*

DOWNSPEC: \*\*\*\*\*  
 SCALE: \*\*\*\*\*



<b>NEBRASKA DEPARTMENT OF ROADS TRAFFIC ENGINEERING DIVISION</b>			
<b>PAVEMENT MARKING QUANTITIES</b>			
DESIGNED	DKV	DISTRICT 1 - DISTRICTWIDE STRIPING <span style="border: 1px solid black; border-radius: 50%; padding: 2px;">1/2</span>	
REVIEWED			
APPROVED	DATE DRAWN	TRAFFIC ENGINEER	DATE
	7/13		

### D-1 QUANTITIES

PAVEMENT DETAILS						* PAVEMENT MARKINGS (LINEAR FOOT)					* LEGENDS, ARROWS, & SYMBOLS (EACH)							
HIGHWAY	LOCATION DESCRIPTION	PAVEMENT DESCRIPTION	REFERENCE POST		SEGMENT LENGTH (MILES)	5" YELLOW	5" WHITE	12" YELLOW	12" WHITE	24" WHITE	RAILROAD CROSSING SYMBOL	STOP AHEAD SYMBOL	ONLY SYMBOL	ARROWS				
			BEGIN	END										LEFT	RIGHT	THRU	LANE DROP	
US-73	END FOUR LANE - N OF FALLS CITY NORTH	CONCRETE	5.14	8.21	3.07	13,150	32,450											
US-75	SCL AUBURN NORTH - S OF JCT. N-128 NORTH	CONCRETE	26.74	42.25	15.51	105,500	158,850	1,600						24	1			
US-77	SCL WYMORE - EAST OF N-112	ASPHALT	8.15	8.39	0.24	2,550												
		CONCRETE	8.39	8.66	0.27	2,850												
		ASPHALT	8.66	13.31	4.65	29,400	51,750											
US-77	ECL WAHOO - SAUNDERS/DODGE LN	CONCRETE	95.71	95.83	0.12	1,300	1,300											
		ASPHALT	95.83	110.17	14.34	65,950	155,200	1,350										
		CONCRETE	110.17	110.43	0.26	4,750	3,300	500										
		ASPHALT	110.43	111.41	0.98	10,350	10,400											
N-79	JCT. US-34 NORTH - SCL VALPARAISO SOUTH	CONCRETE	0.00	0.81	0.81	8,600	8,800		450									
		ASPHALT	0.81	13.43	12.62	45,950	133,950	250		72	2							
N-92	E JCT. US-81 - W JCT. N-15	CONCRETE	408.27	411.69	3.42	11,950	36,150	600										
		ASPHALT	411.69	421.23	9.54	34,600	102,350	1,200		72	2							
N-92	W OF BUTLER/SAUNDERS LINE - W JCT. N-79	ASPHALT	432.24	436.80	4.56	35,150	52,750	500					1		2			
N-92	E JCT. N-79 - W JCT. US-77 WEST	ASPHALT	437.75	446.93	9.18	38,150	97,400	500										
N-103	NORTH OF HICKORY ST. WILBER NORTH - SCL CRETE	CONCRETE	33.20	33.27	0.07	750	750											
		ASPHALT	33.27	42.39	9.12	31,150	96,800	500										
N-103	E JCT. N-33 - I-80	ASPHALT	46.16	58.54	12.38	50,400	128,750											
N-109	S JCT. US-77 - N JCT. US-77	CONCRETE	0.00	0.19	0.19	2,300												
		ASPHALT	0.19	16.32	16.13	58,000	169,950					1						
US-136	WCL FAIRBURY WEST - JEFFERSON/GAGE LN EAST	ASPHALT	148.50	156.24	7.74	28,550	94,850			72	2				1			
		CONCRETE	156.24	166.01	9.77	26,700	103,200											
		ASPHALT	166.01	174.99	8.98	32,500	94,850	1,000	450									
US-136	E OF ECL BEATRICE - SW OF JCT. N-4	ASPHALT	179.99	187.11	7.12	32,250	75,200											
US-136	E OF JCT. N-50 TECUMSEH EAST - JCT. N-105	CONCRETE	211.24	211.34	0.10	1,100	1,100											
		ASPHALT	211.34	220.17	8.83	46,100	93,500	300										
S-78H	N-109 - CEDAR BLUFFS	ASPHALT	0.00	0.58	0.58	5,150	6,150											
SHEET TOTALS					297.16	1,299,250	3,101,500	20,300	1,800	288	8	1	1	65	3	0	0	

\* THESE QUANTITIES ARE APPROXIMATE AND SHALL BE FIELD CHECKED BEFORE ORDERING MATERIAL.

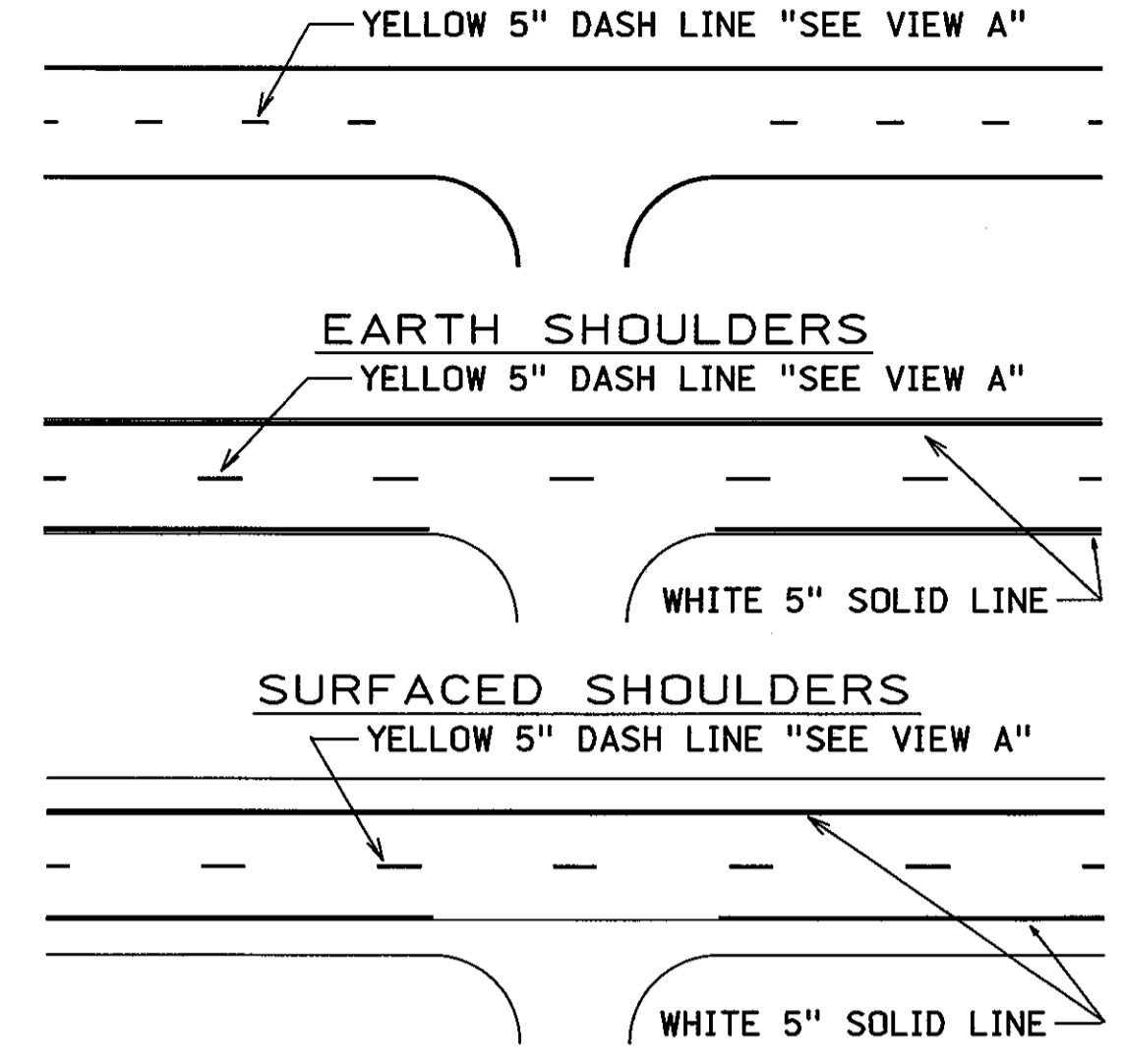
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 DATE\*\*\*\*\*

DGNSE\*\*\*\*\*  
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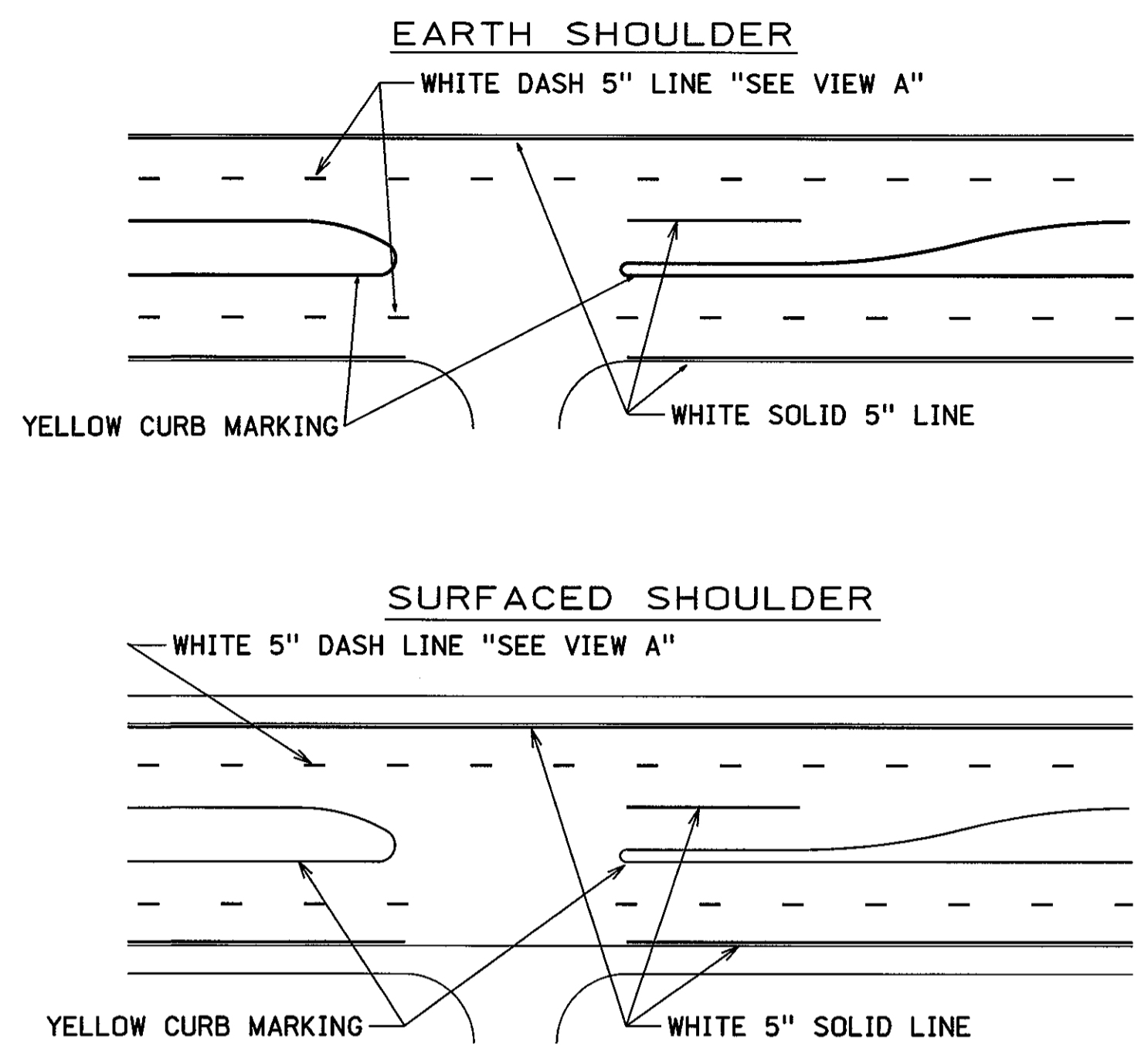


NEBRASKA DEPARTMENT OF ROADS TRAFFIC ENGINEERING DIVISION			
PAVEMENT MARKING QUANTITIES			
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REVIEWED			
APPROVED	DATE DRAWN	TRAFFIC ENGINEER	DATE
	7/13		

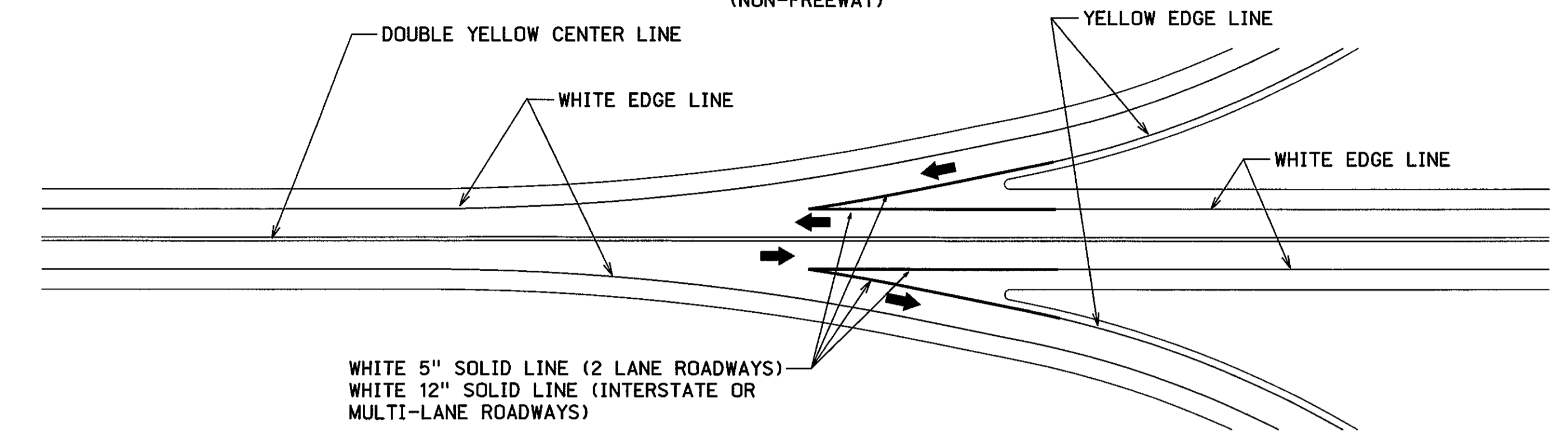
**2 LANE ROADWAYS WITH CURBS**



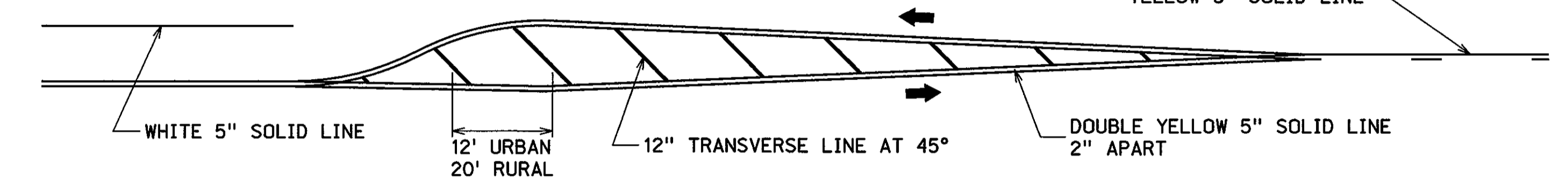
**4 LANE DIVIDED ROADWAY**



**GORE MARKINGS (NON-FREEWAY)**



**ISLAND MARKING**

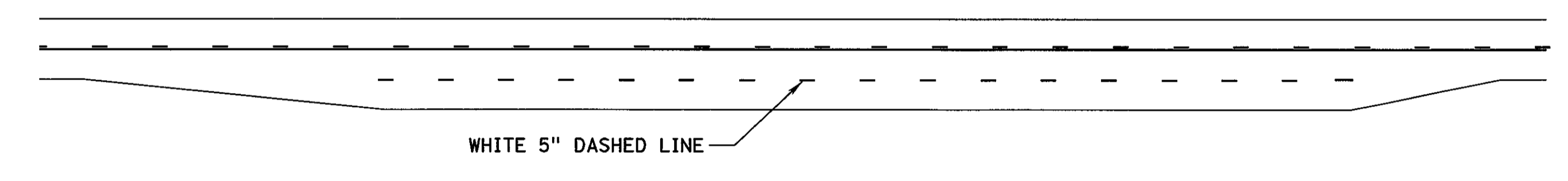


**2-LANE ROADWAY REQUIRED LOCATION FOR EDGE LINES**

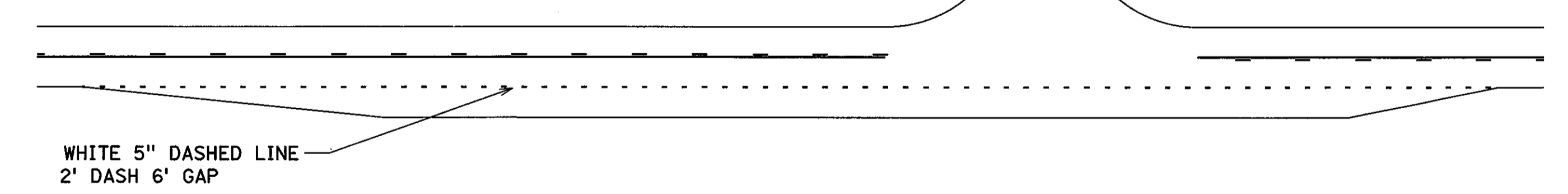
ROADWAY WIDTH	SHOULDER TYPE	DISTANCE FROM CENTERLINE OF ROADWAY TO OUTSIDE EDGE OF PAVEMENT EDGELINE
LESS THAN 24 FT	SURFACED	12 FT 0 IN
LESS THAN 24 FT	EARTH	PAVEMENT EDGE
24 FT	EARTH	PAVEMENT EDGE
24 FT	SURFACED	12 FT 0 IN
GREATER THAN 24 FT	EARTH	12 FT 0 IN

CENTERLINE MARKING SHALL BE PLACED ON THE "SOUTH" SIDE OF THE CENTER JOINT ON EAST-WEST ROADS AND ON THE "EAST" SIDE OF THE CENTER JOINT ON NORTH-SOUTH ROADS

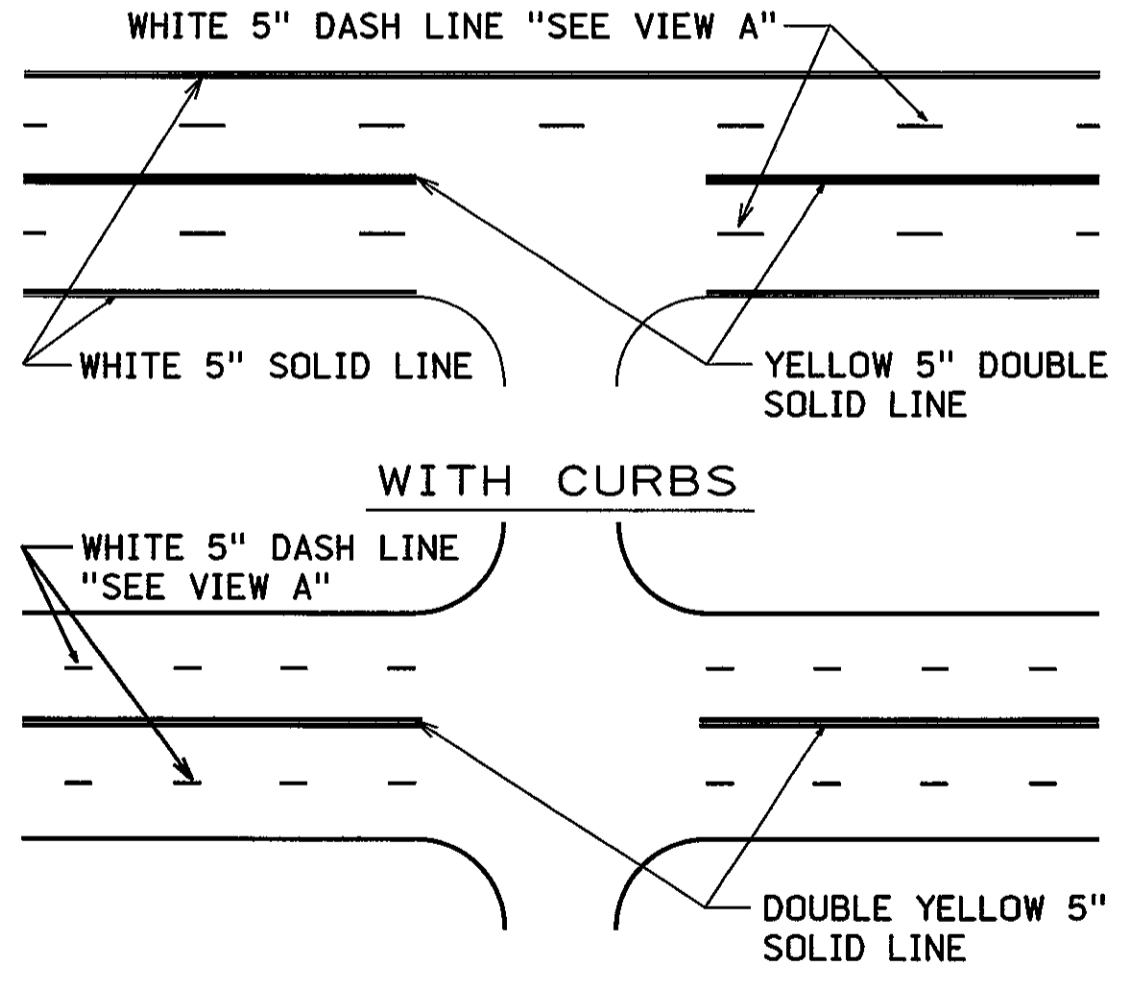
**PASSING LANE MARKING**



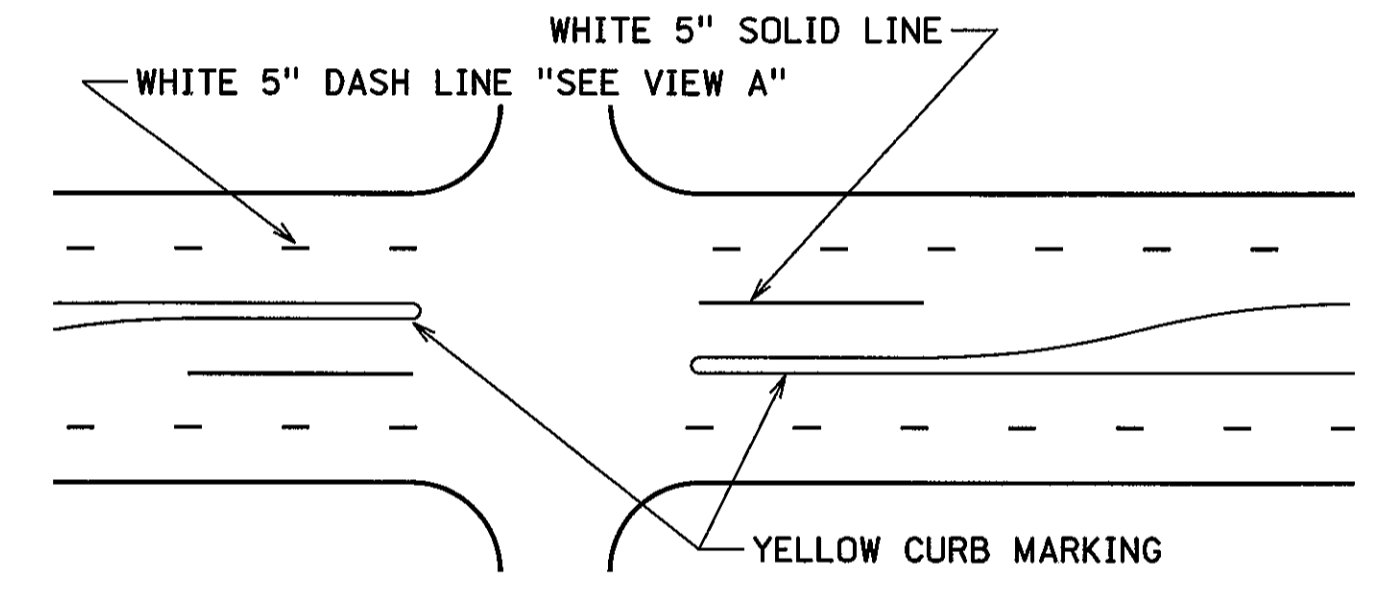
**FLY-BY LANE MARKING**



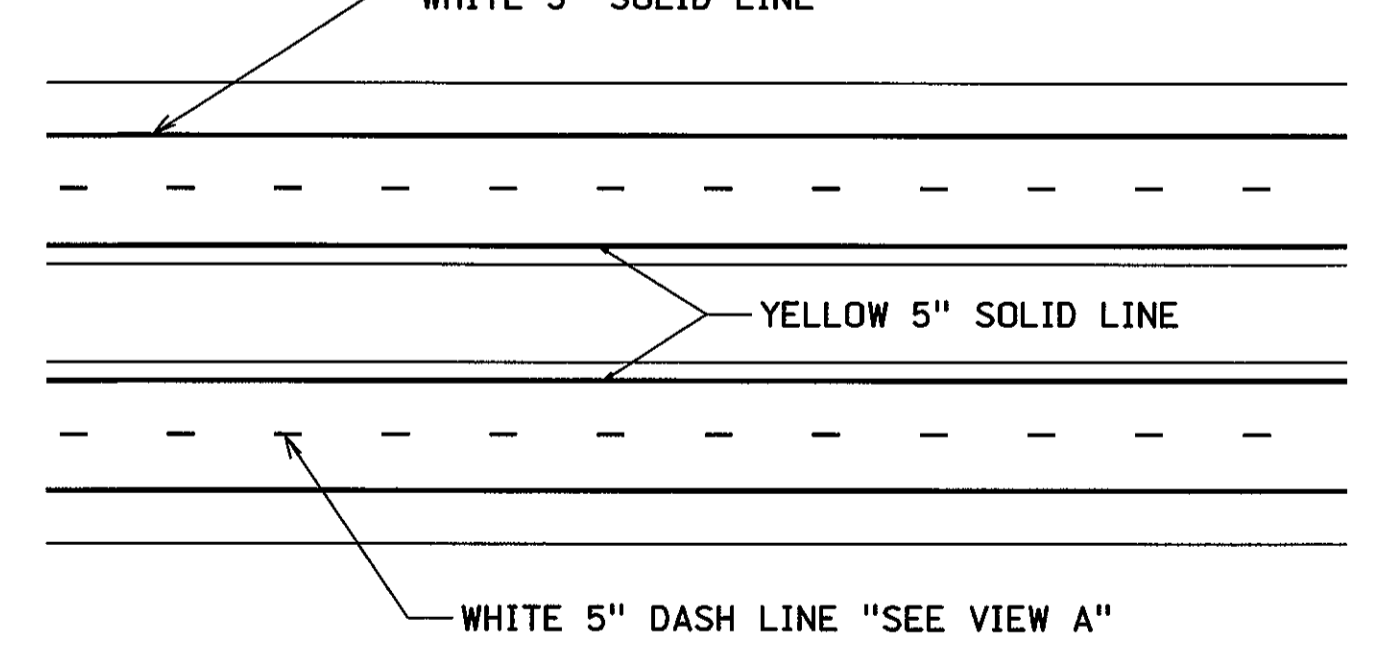
**4 LANE ROADWAYS NO CURBS**



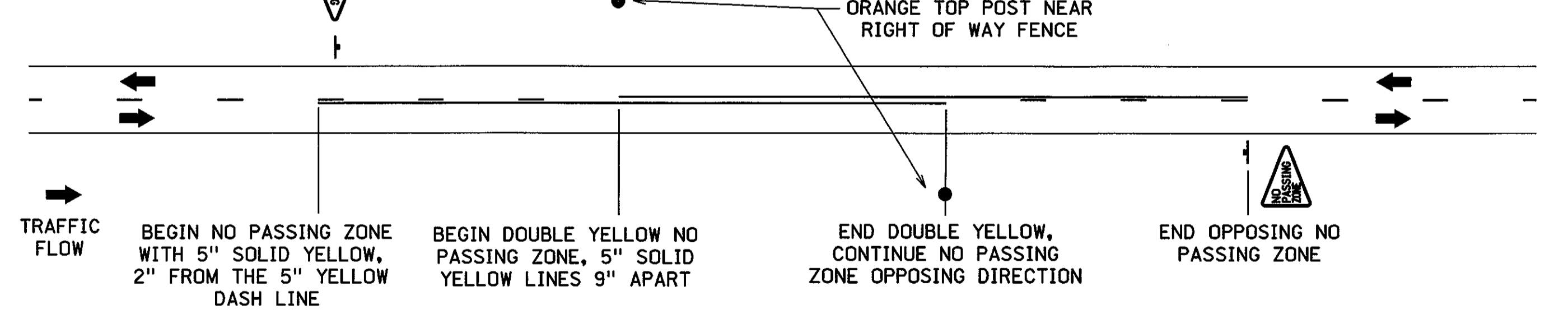
**WITH CURBS**



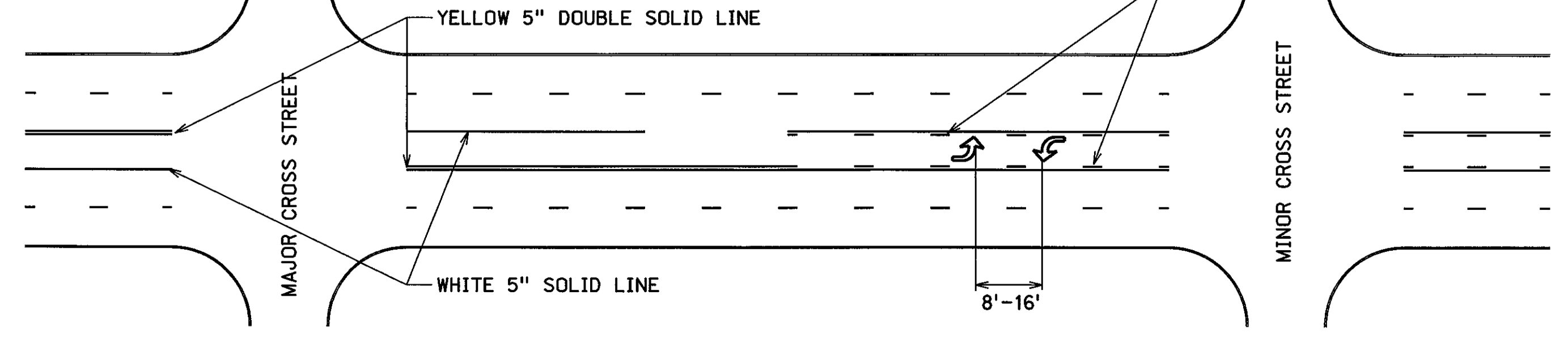
**DEPRESSED MEDIAN**



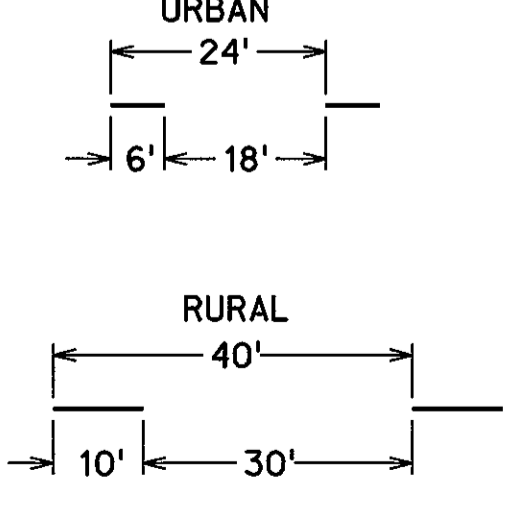
**TYPICAL NO PASSING ZONE MARKINGS**



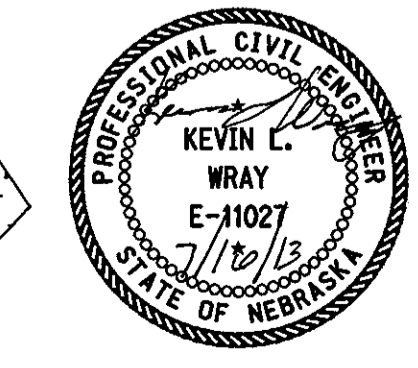
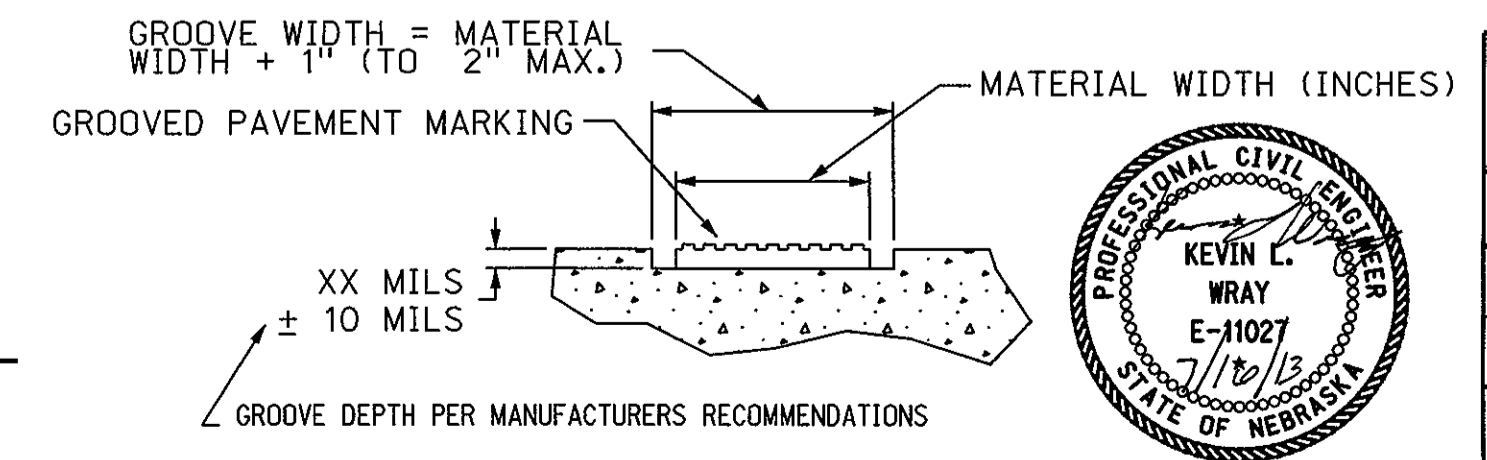
**3 OR 5 LANE WITH COMMON LEFT TURN LANE**



**VIEW A**



**PERMANENT PAVEMENT MARKINGS INSTALLED IN GROOVES**



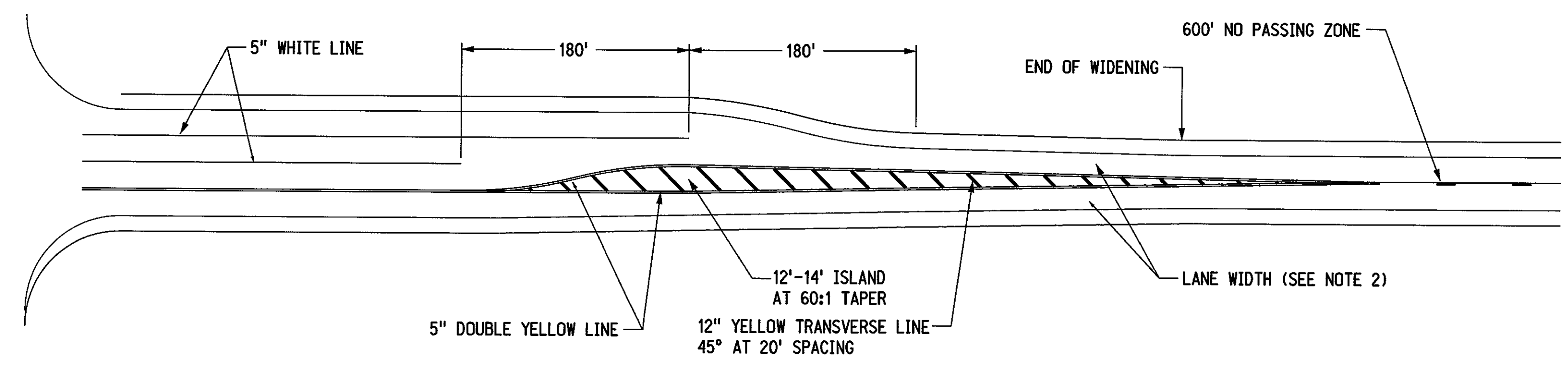
**NEBRASKA DEPARTMENT OF ROADS TRAFFIC ENGINEERING DIVISION**

**TYPICAL PAVEMENT MARKING PLAN**

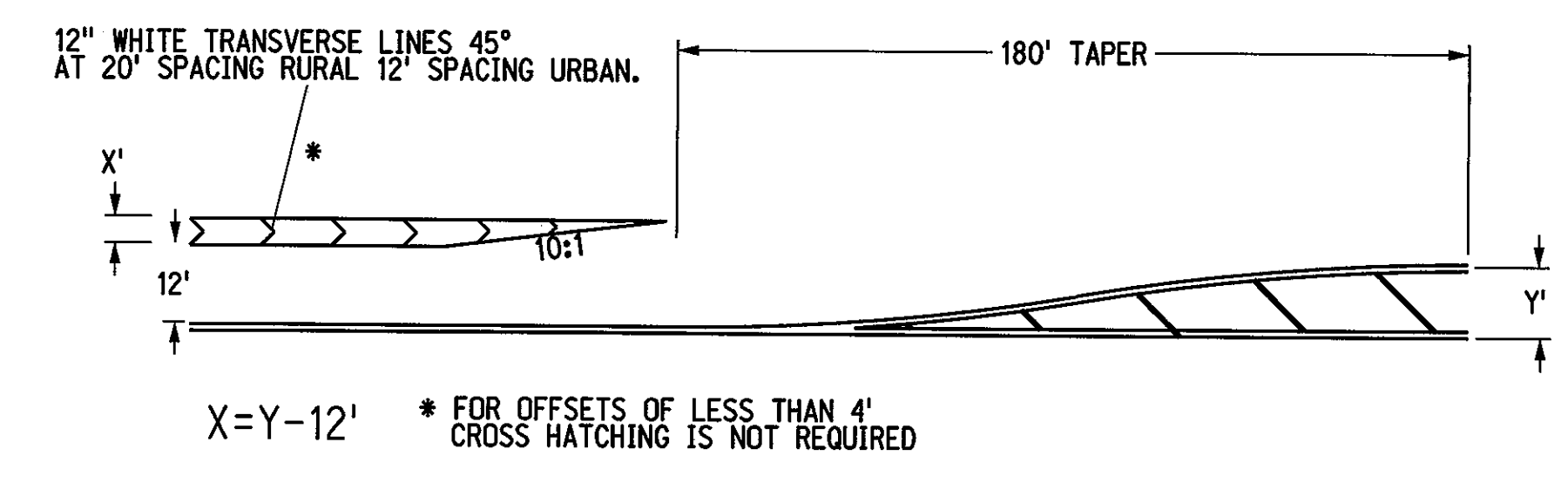
DESIGNED	TJF	5" PAVEMENT MARKING	DATE
REVIEWED			
APPROVED	DATE DRAWN 12/12	TRAFFIC ENGINEER	

User: DOR23027 Date: 16-JUL-2013 13:57  
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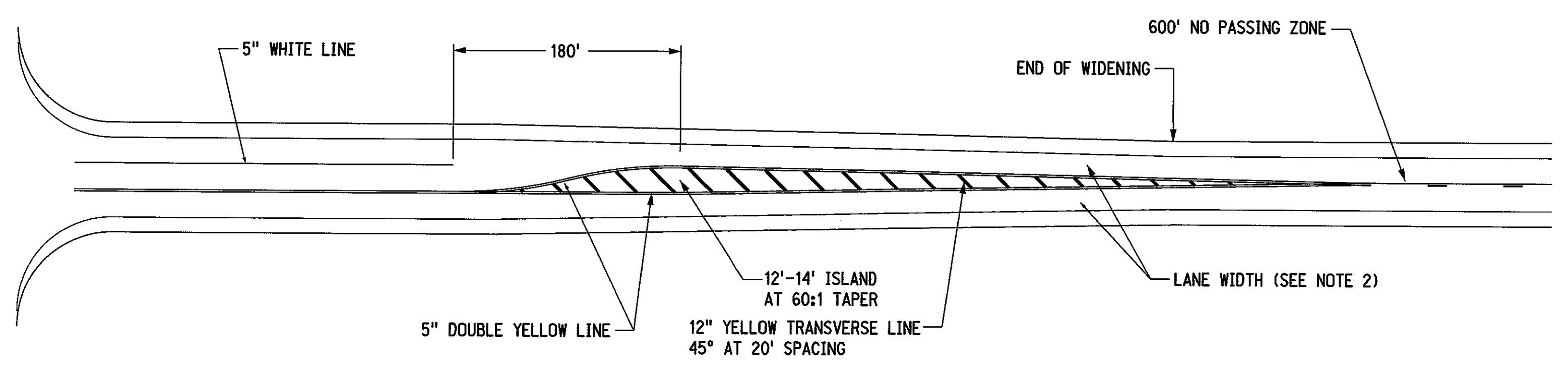
WIDENING BOTH SIDES WITH RIGHT TURN BAY



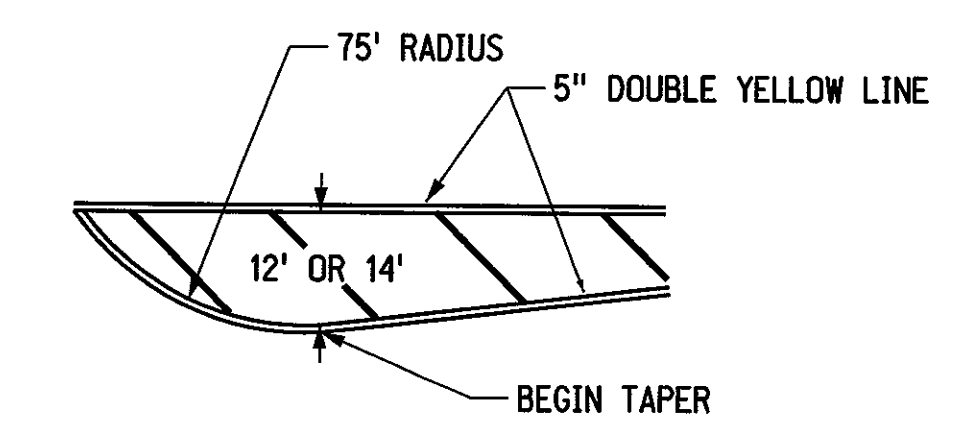
TYPICAL MARKING FOR MEDIAN WIDER THAN 12'



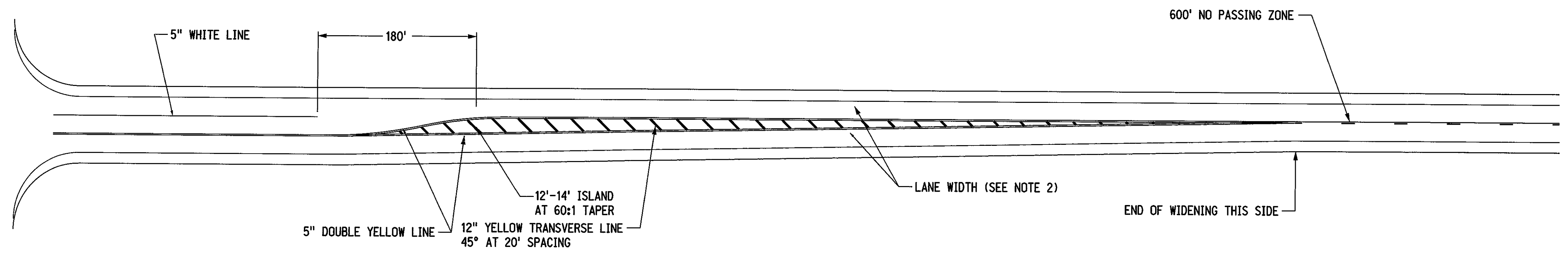
WIDENING BOTH SIDES



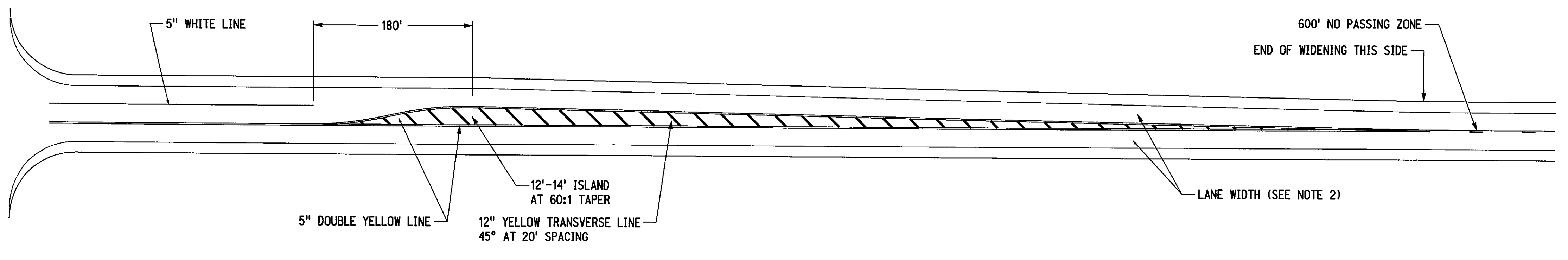
TYPICAL MARKING FOR MEDIAN W/NO LEFT TURN



WIDENING ONE SIDE



WIDENING ONE SIDE



NOTES

1. MINIMUM LENGTH OF TURN BAYS SHALL BE 100'. DESIRABLE LENGTH OF TURN BAYS FOR THE MAJOR TURNING MOVEMENT SHOULD BE FROM 150' TO 240'. ACTUAL LENGTHS WILL BE AS REQUIRED BY THE ENGINEER.
2. THE WIDTH OF TRAVELLED LANE SHALL BE 12' WITH SURFACED SHOULDERS AND 14' WITHOUT SURFACED SHOULDERS, UNLESS APPROVED OTHERWISE BY THE ENGINEER.
3. DIMENSIONS SHOWN ARE APPROXIMATE AND MAY BE ADJUSTED TO FIT FIELD CONDITIONS.

NEBRASKA DEPARTMENT OF ROADS  
TRAFFIC ENGINEERING DIVISION

PAVEMENT MARKING PLAN

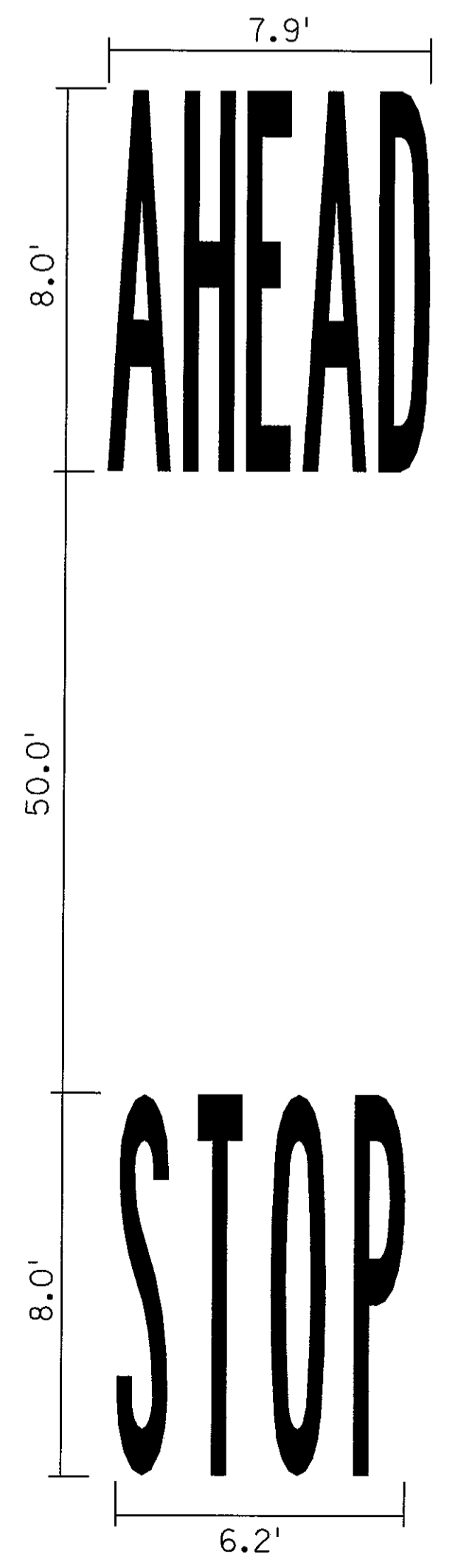
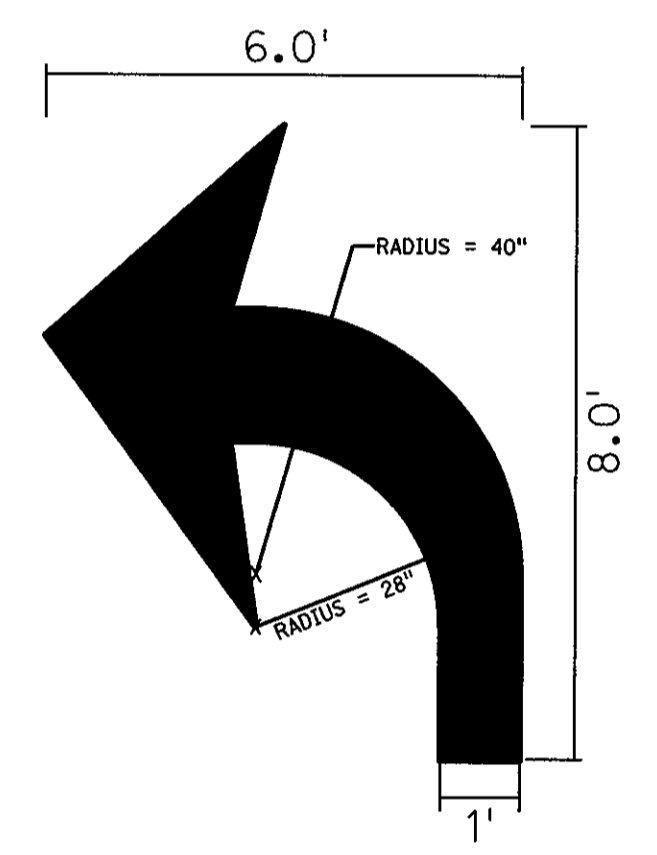
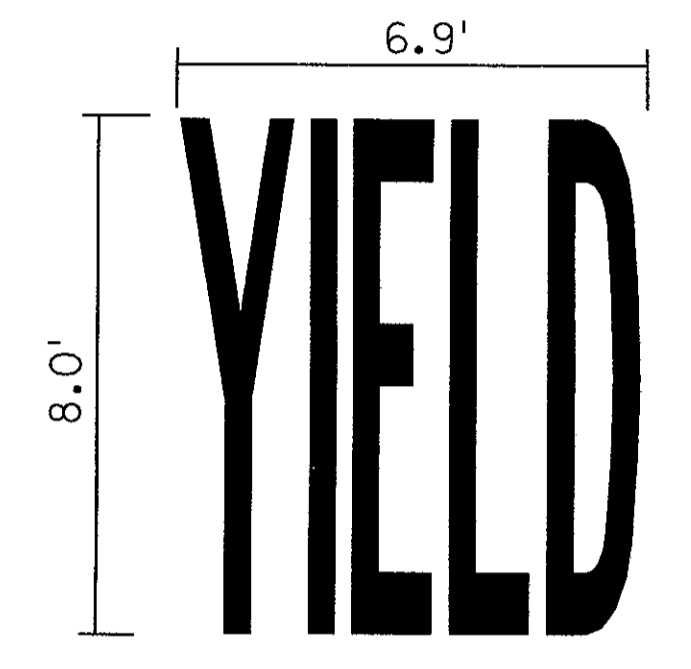
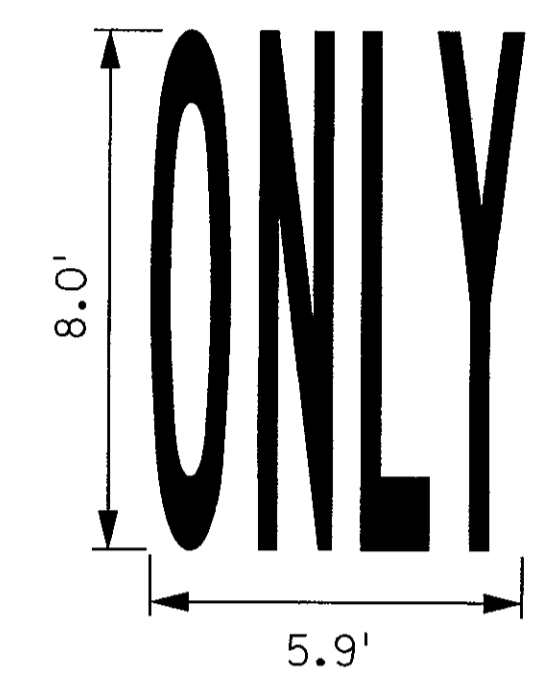
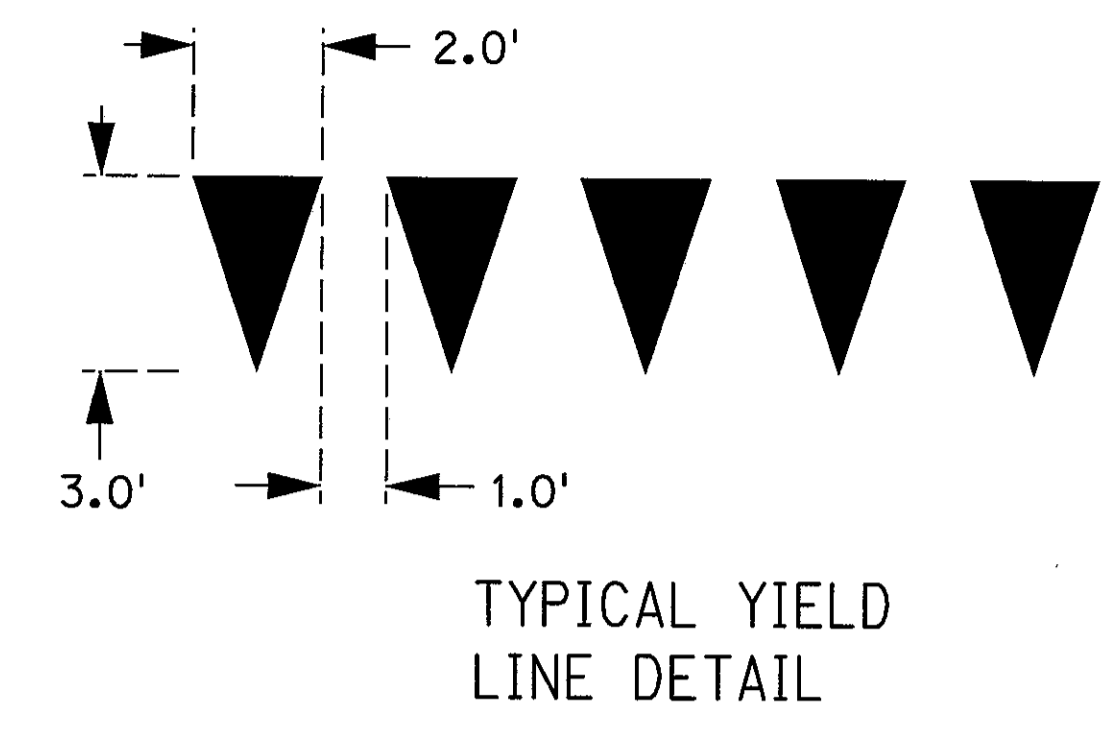
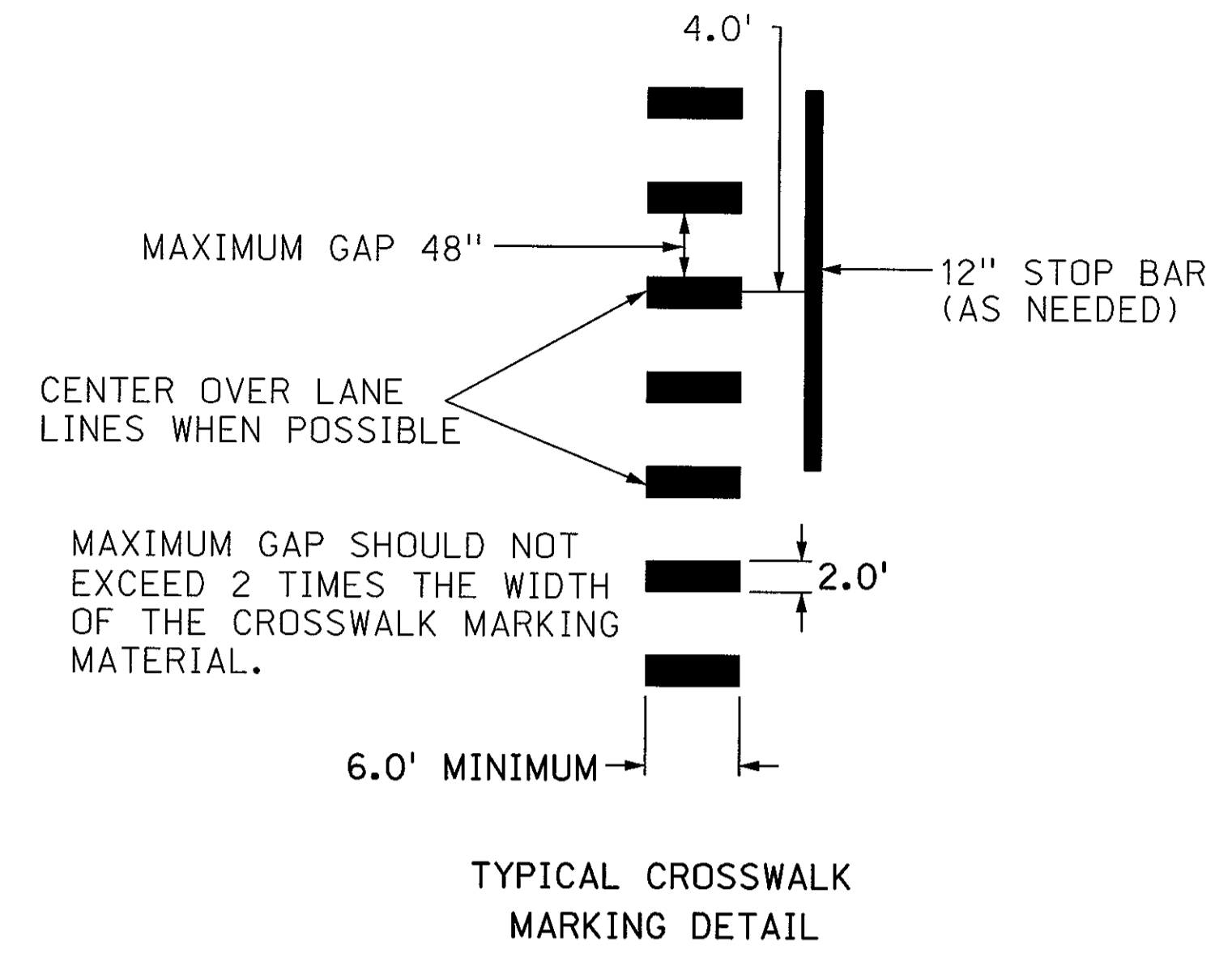
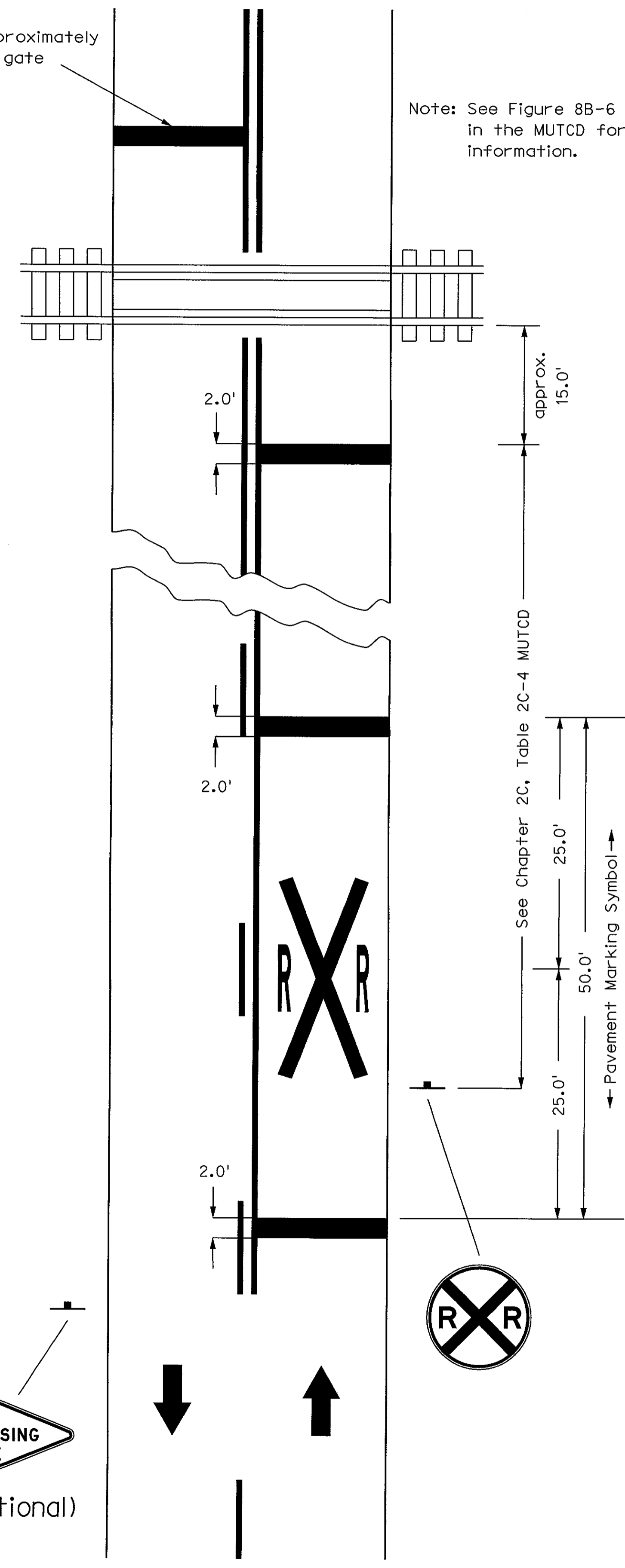
DESIGNED	TJF	5" RURAL LEFT TURN BAY DETAIL		1/1
REVIEWED				
APPROVED	DATE DRAWN	TRAFFIC ENGINEER	DATE	
	12/12			



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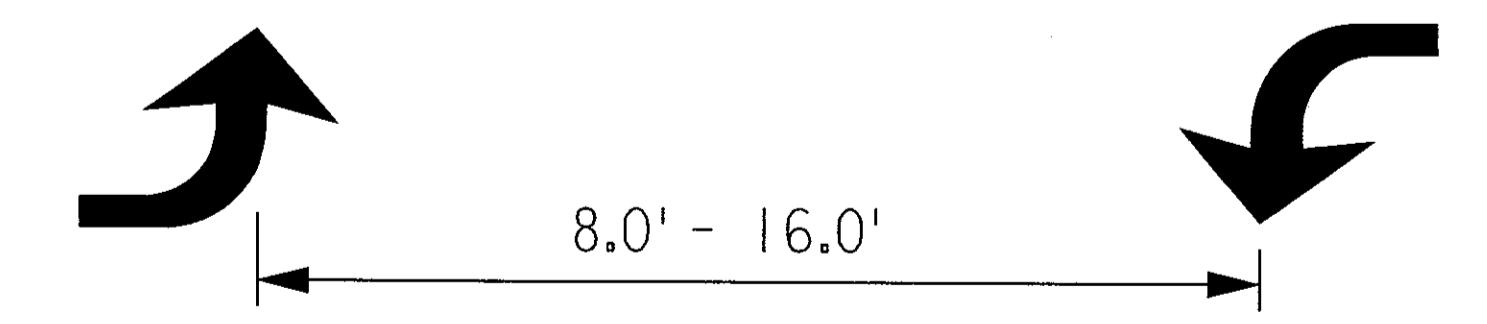
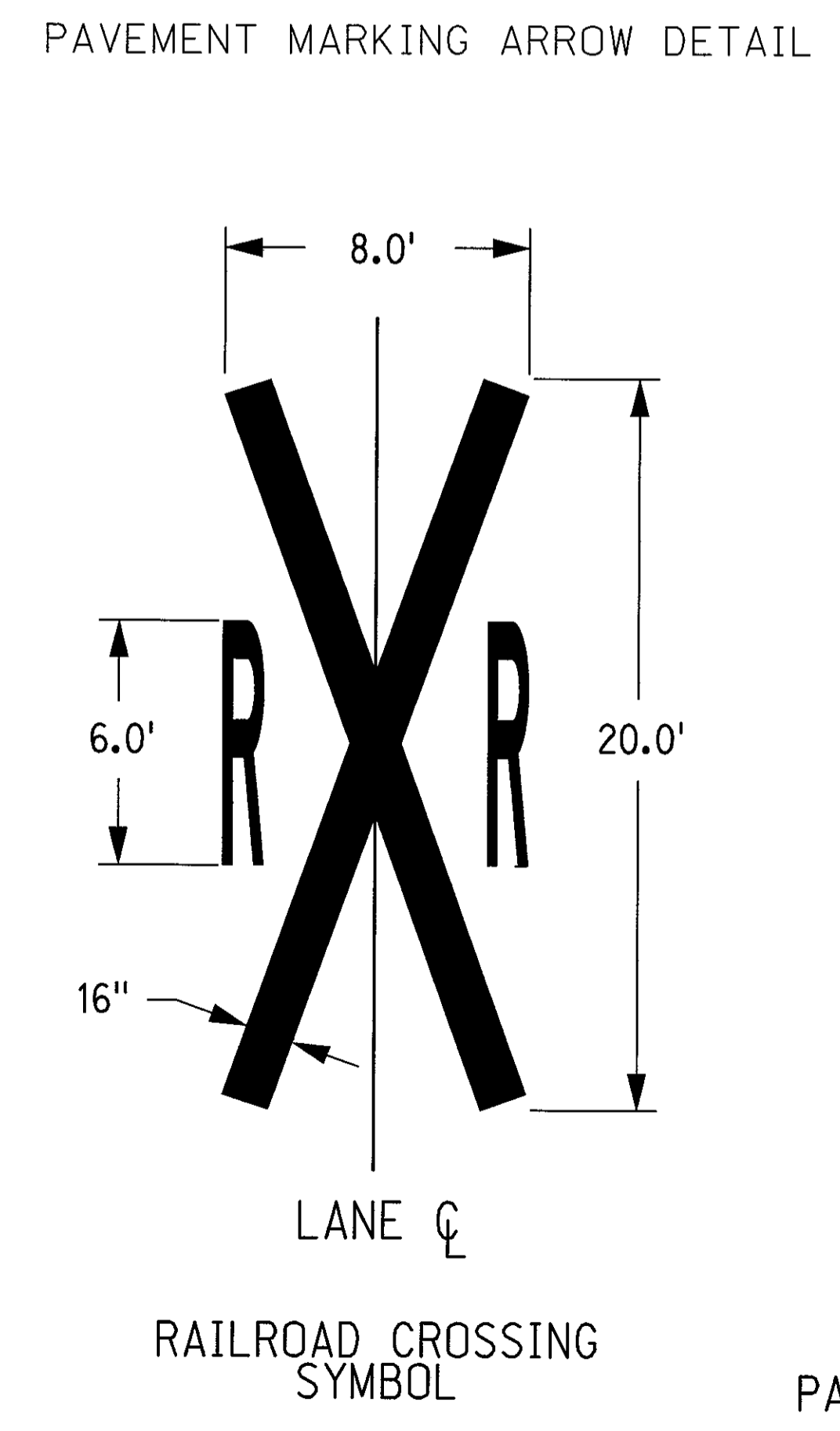
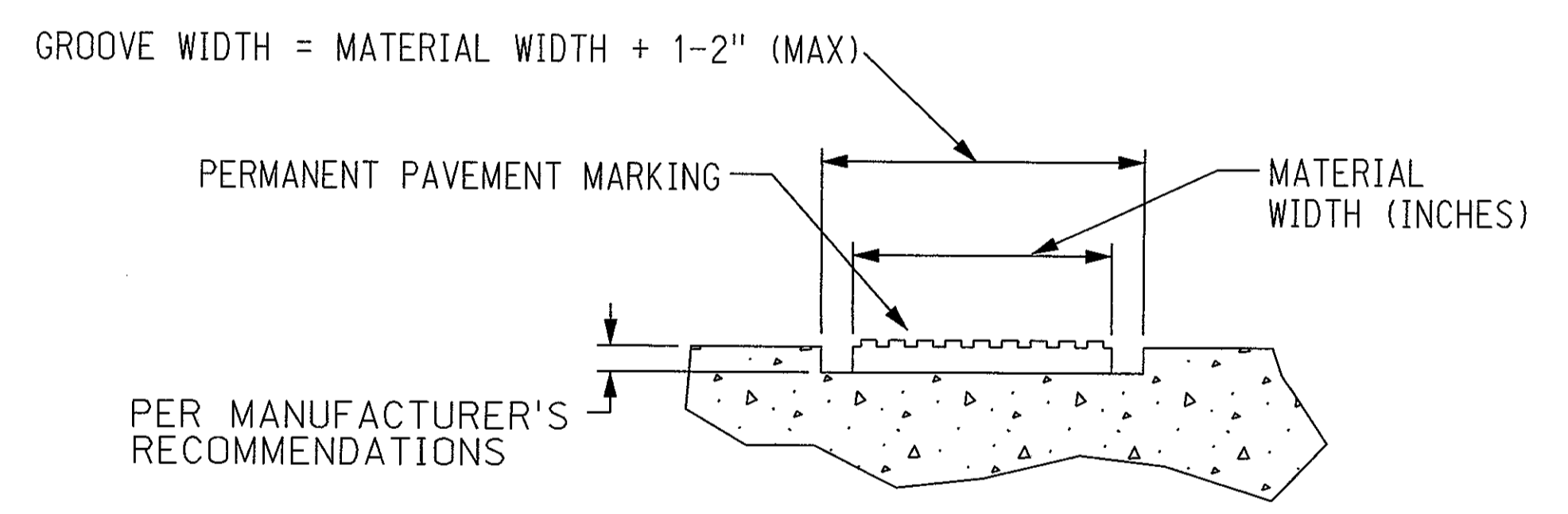
Stop line approximately 8.0 ft from gate (if present)

Note: See Figure 8B-6 and 8B-7 in the MUTCD for more information.



PAVEMENT MARKING ONLY DETAIL PAVEMENT MARKING YIELD DETAIL

PERMANENT PAVEMENT MARKINGS INSTALLED IN GROOVES



PAVEMENT MARKING STOP AHEAD DETAIL

User: dor2029 Date: 29-AUG-2013 10:33  
File: pmdetail.r3.dgn Scale: 1:100



NEBRASKA DEPARTMENT OF ROADS TRAFFIC ENGINEERING DIVISION	
PAVEMENT MARKING PLAN	
DATE DRAWN 04/09	PAVEMENT MARKING DETAILS