

PROJECT NO.	SHEET NO.
HSIP-D2(108)	1
▲ CONTROL NO. 22579	
▲ CONTROL NO.	
■ CONTROL NO.	

**STATE OF NEBRASKA  
DEPARTMENT OF ROADS**

**PLANS FOR CONSTRUCTION**

# DISTRICT 2 - DISTRICTWIDE STRIPING

## CASS, DODGE, DOUGLAS, SARPY, SAUNDERS, & WASHINGTON COUNTIES

**INDEX OF SHEETS**

- SHEET NO.
- TITLE PAGE & SUMMARY OF QUANTITIES
  - PAVEMENT MARKING QUANTITIES--DISTRICT 2
  - TYPICAL PAVEMENT MARKING PLAN--5" PAVEMENT MARKING
  - PAVEMENT MARKING PLAN--5" RURAL LEFT TURN BAY DETAIL
  - 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            |

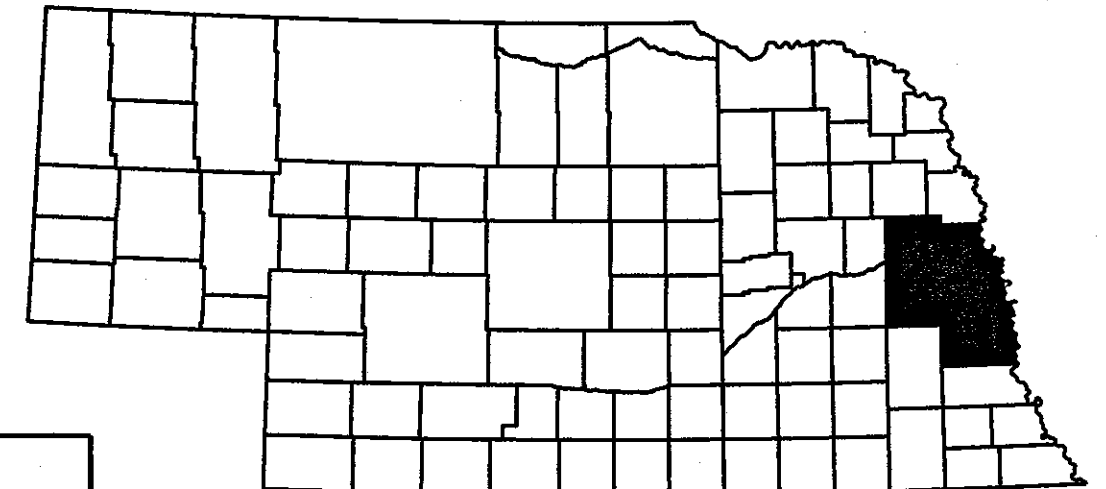
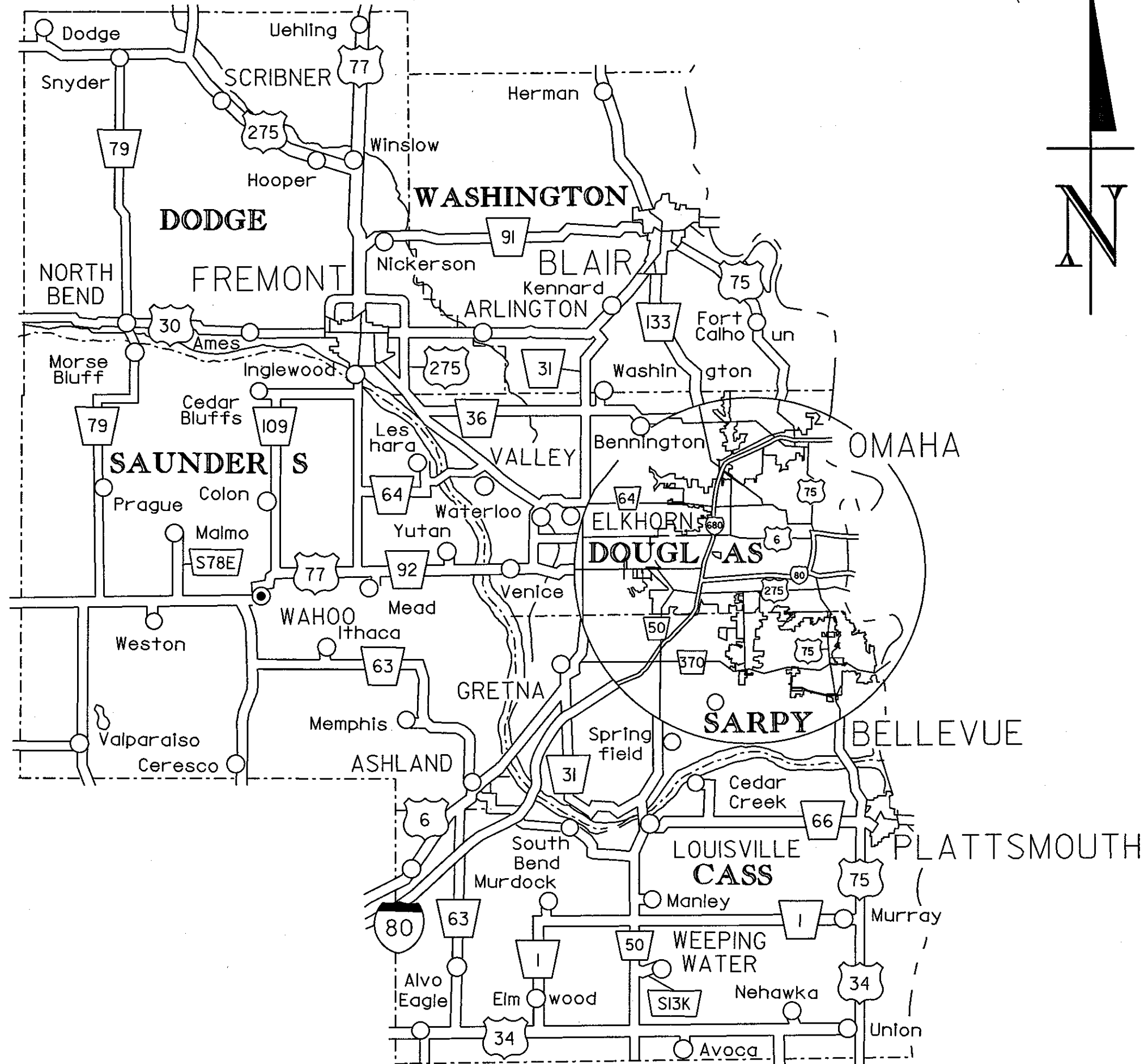
THE 2007 EDITION OF THE NEBRASKA STANDARD SPECIFICATIONS AND THE SPECIAL PROVISIONS APPLY TO THIS PROJECT.

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

**SUMMARY OF QUANTITIES**

**SPECIALTY ITEMS GROUP 8**

ITEM	QUANTITY	UNITS
BARRICADE, TYPE II	7,400.000	BDAY
TEMPORARY SIGN DAY	1,868.000	EACH
FLASHING ARROW PANEL	4.000	DAY
FLAGGING	140.000	DAY
FURNISHING AND OPERATING PILOT VEHICLE	70.000	DAY
MOBILIZATION	1.000	LS
5" WHITE PERMANENT PAVEMENT MARKING, GROOVED	1,286,250.000	LF
5" YELLOW PERMANENT PAVEMENT MARKING, GROOVED	653,650.000	LF
12" WHITE PERMANENT PAVEMENT MARKING, GROOVED	2,550.000	LF
12" YELLOW PERMANENT PAVEMENT MARKING, GROOVED	15,050.000	LF
24" WHITE PERMANENT PAVEMENT MARKING, GROOVED ONLY	72.000	LF
RAILROAD CROSSING SYMBOL	1.000	EACH
LEFT ARROW	2.000	EACH
RIGHT ARROW	16.000	EACH
	2.000	EACH

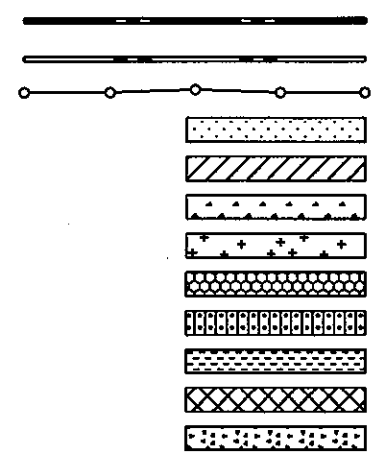


**CONVENTIONAL SIGNS**

- 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**

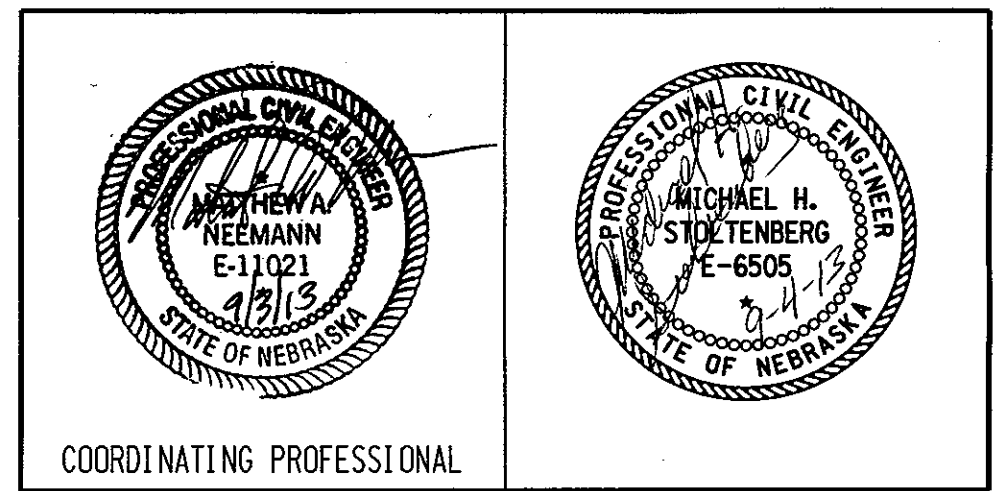
- NEW CONTROLLED ACCESS
- PREVIOUS CONTROLLED ACCESS
- LIMITS OF CONSTRUCTION
- PREVIOUS R.O.W.
- NEW R.O.W.
- EXISTING PERMANENT EASEMENT
- TEMPORARY EASEMENT
- EXCESS TAKING
- PERMANENT EASEMENT
- EXISTING RAILROAD EASEMENT
- NEW RAILROAD PERMANENT EASEMENT
- NEW RAILROAD TEMPORARY EASEMENT



REFERENCE POST NO. TO REFERENCE POST NO.

EXCEPTIONS: FROM STA. TO STA.

TOTAL NET LENGTH OF PROJECT: FEET MILES



CONSTRUCTION DIVISION

Computer: DRCONSTRUCT10

User: dor17005

Date: 03-SEP-2013 08:51

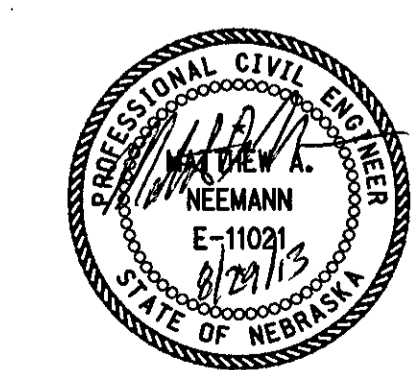
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## D-2 QUANTITIES

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-6	SAUNDERS/SARPY LN EAST - W OF S JCT N-31	ASPHALT	340.90	345.13	4.23	14,250	43,950											
		CONCRETE	345.13	345.38	0.25	4,450	2,650	700										
US-30	COLFAX/DODGE LN EAST - EAST OF R27B EAST	ASPHALT	404.53	423.45	18.92	52,450	190,900											
US-30	E OF US-275 EAST - JCT N-31	CONCRETE	429.01	429.30	0.29	650	3,250											
		ASPHALT	429.30	433.18	3.88	5,650	40,200											
		CONCRETE	433.18	440.37	7.19	44,000	69,900	800						10				
US-34	S JCT US-75 - S OF NE JCT N-1 NORTH	ASPHALT	366.38	373.68	7.30	47,950	76,700	800										
N-36	JCT US-275 EAST - WCL OMAHA/SARGENT ST WEST	CONCRETE	0.00	1.20	1.20	12,250	10,100	1,000										
		ASPHALT	1.20	18.09	16.89	79,750	172,850	2,200	500				1	2				
		CONCRETE	18.09	18.78	0.69	4,650	7,850											
		ASPHALT	18.78	23.97	5.19	33,100	54,100	1,700							4	2		
N-50	JCT N-1 NORTH - MIDDLE SCL- NORTH	CONCRETE	69.95	70.05	0.10	1,050	1,600											
		ASPHALT	70.05	70.21	0.16	2,750	1,700	400										
		CONCRETE	70.21	76.31	6.10	43,100	64,550	1,050										
N-64	NEAR GINGER COVE RD - ECL/US-275 VALLEY WEST	ASPHALT	53.86	55.30	1.44	3,100	14,450											
		CONCRETE	55.30	56.44	1.14	17,300	13,000	2,300	300									
N-66	WALNUT ST - JCT US-75 WEST	CONCRETE	111.79	112.07	0.28	2,550												
		ASPHALT	112.07	124.96	12.89	95,200	134,850	350										
US-75	DOUGLAS/WASHINGTON LN SOUTH - COURT ST/FORT CALHOUN	ASPHALT	101.02	105.99	4.97	34,250	51,200	700										
US-75	NCL BLAIR - SCL HERMAN NORTH	ASPHALT	116.66	125.34	8.68	30,150	90,950											
US-77	SAUNDERS/DODGE LN NORTH	ASPHALT	111.41	111.79	0.38	2,450	3,800											
		CONCRETE	111.79	112.04	0.25	350	2,650											
		ASPHALT	112.04	112.37	0.33	1,550	3,400											
US-77	SOUTH OF JCT N-91/US-275 SOUTH - DODGE/BURT LINE	CONCRETE	124.52	125.80	1.28	15,400	14,000	900										
		ASPHALT	125.80	135.24	9.44	46,800	97,100	1,250	1,750	72	2							
N-91	EAST OF COLFAX/DODGE LN - N JCT US-275	ASPHALT	182.87	189.20	6.33	25,300	63,900											
		CONCRETE	189.20	193.25	4.05	21,150	42,550											
N-92	E OF S-78G - E OF PLATTE RIVER	CONCRETE	462.01	463.31	1.30	12,050	14,100	900										
SHEET TOTALS					125.15	653,650	1,286,250	15,050	2,550	72	2	0	1	16	2	0	0	

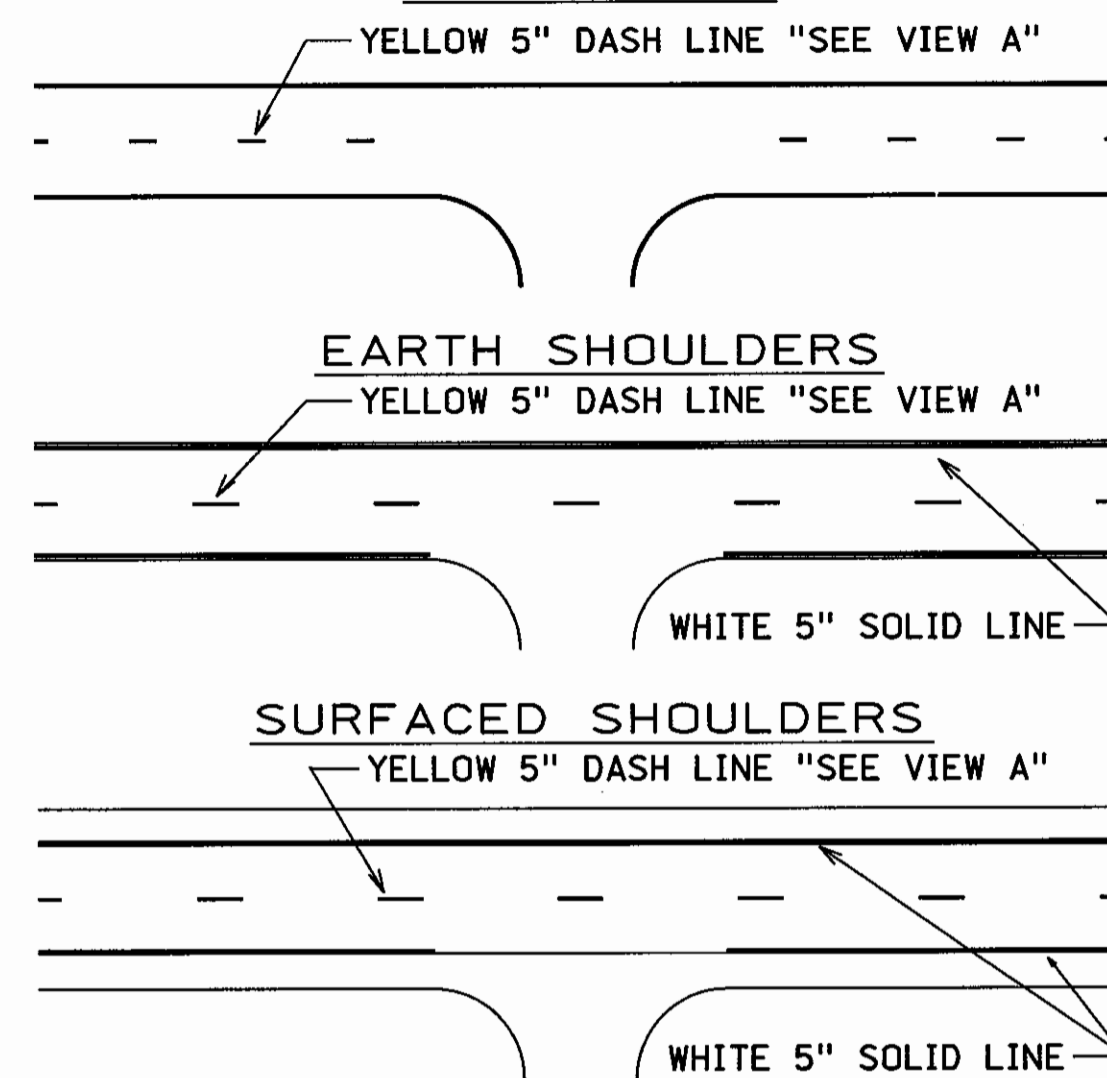
\* THESE QUANTITIES ARE APPROXIMATE AND SHALL BE FIELD CHECKED BEFORE ORDERING MATERIAL.

USERNAME\$\$\$\$  
 DATE\$\$\$\$  
 DONSPEC\$\$\$\$  
 SCALE\$\$\$\$

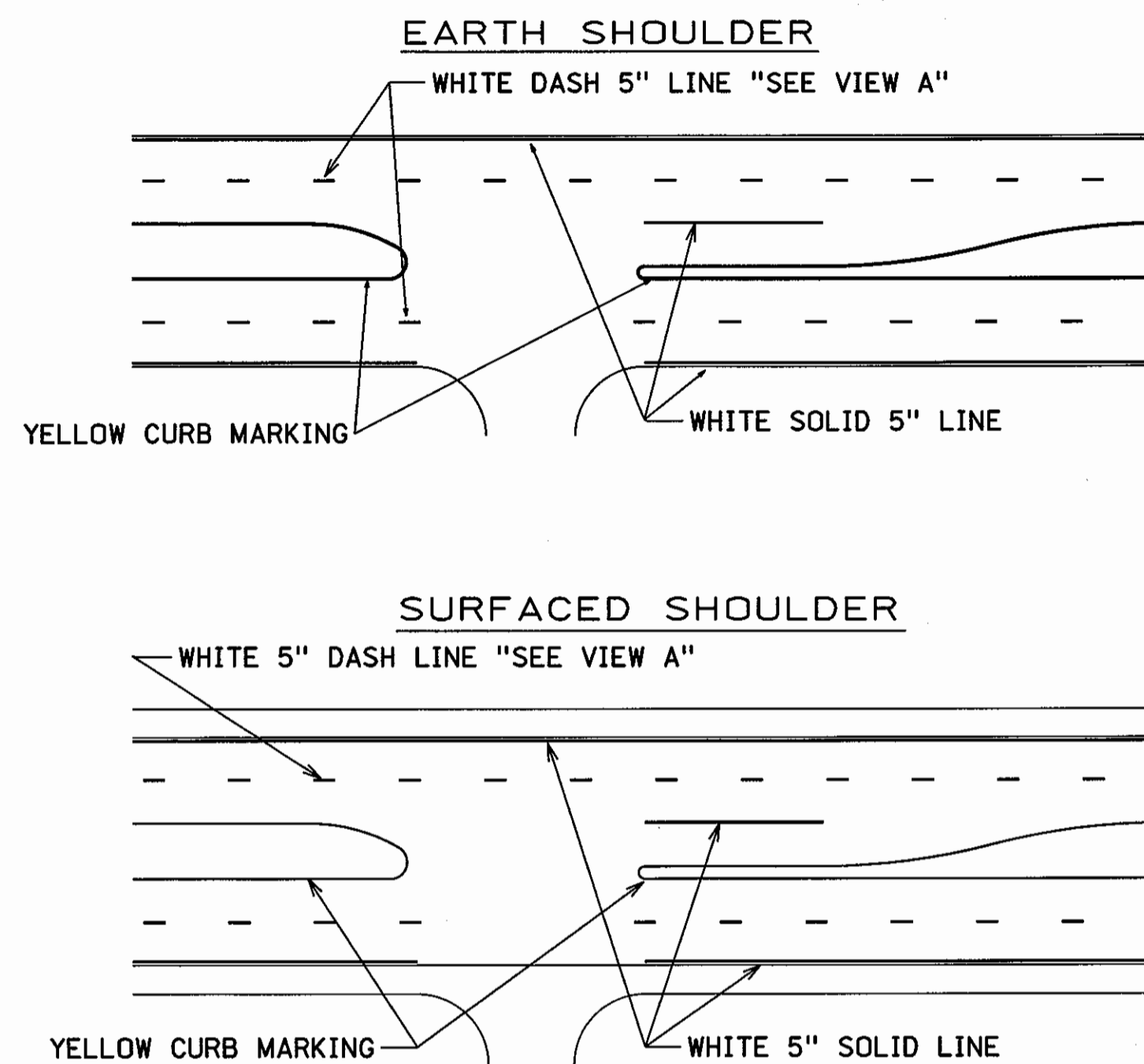


NEBRASKA DEPARTMENT OF ROADS TRAFFIC ENGINEERING DIVISION			
PAVEMENT MARKING QUANTITIES			
DESIGNED	DKV	DISTRICT 2 - DISTRICTWIDE STRIPING (1/1)	
REVIEWED			
APPROVED	DATE DRAWN	TRAFFIC ENGINEER	DATE
	7/13		

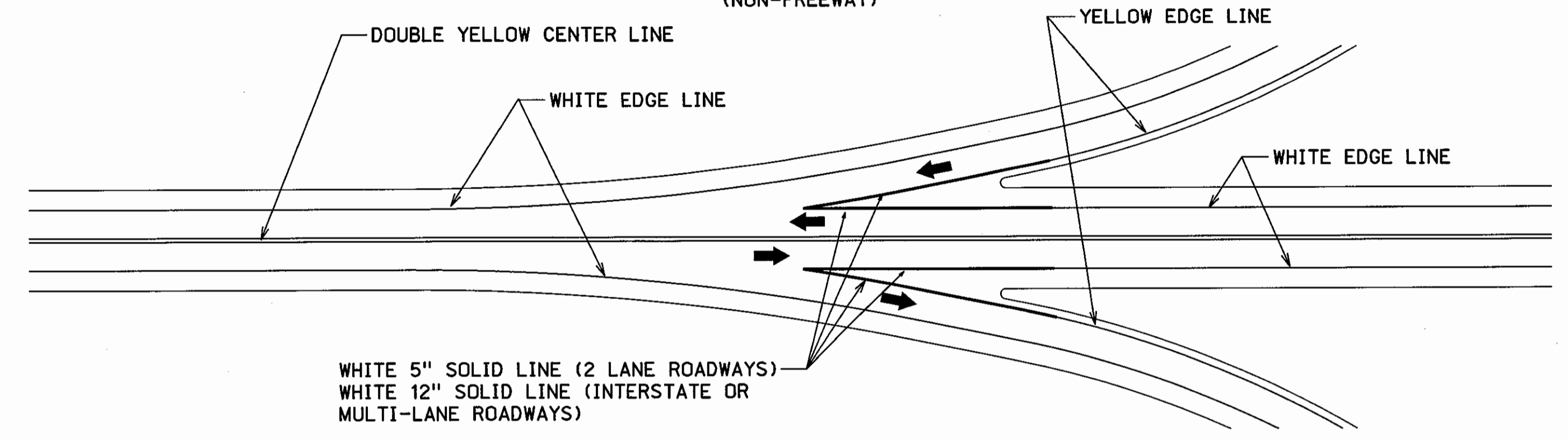
**2 LANE ROADWAYS WITH CURBS**



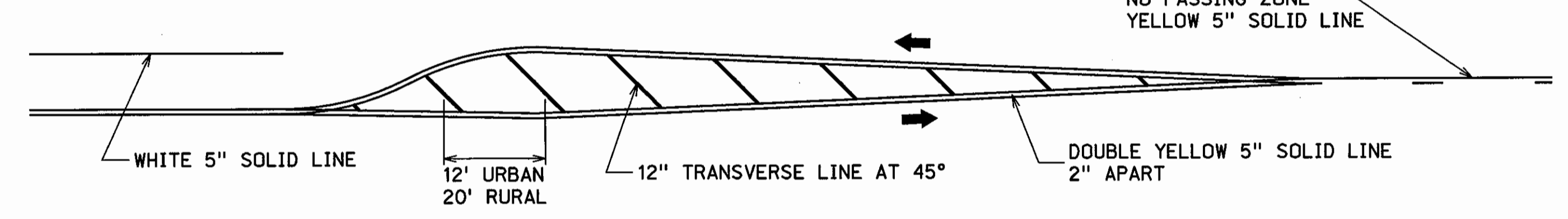
**4 LANE DIVIDED ROADWAY**



**GORE MARKINGS (NON-FREEWAY)**



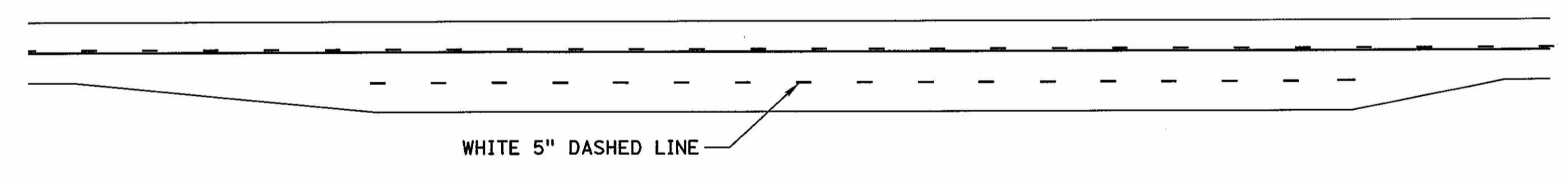
**ISLAND MARKING**



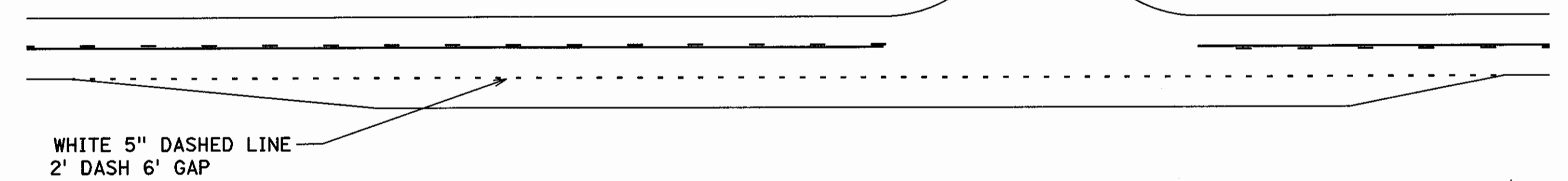
2-LANE ROADWAY REQUIRED LOCATION FOR EDGE LINES		
ROADWAY WIDTH	SHOULDER TYPE	DISTANCE FROM CENTERLINE OF ROADWAY TO OUTSIDE EDGE OF PAVEMENT EDGELINE
LESS THAN 24 FT	SURFACED	12 FT 0 IN
LESS THAN 24 FT	EARTH	PAVEMENT EDGE
24 FT	EARTH	PAVEMENT EDGE
24 FT	SURFACED	12 FT 0 IN
GREATER THAN 24 FT	EARTH	12 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

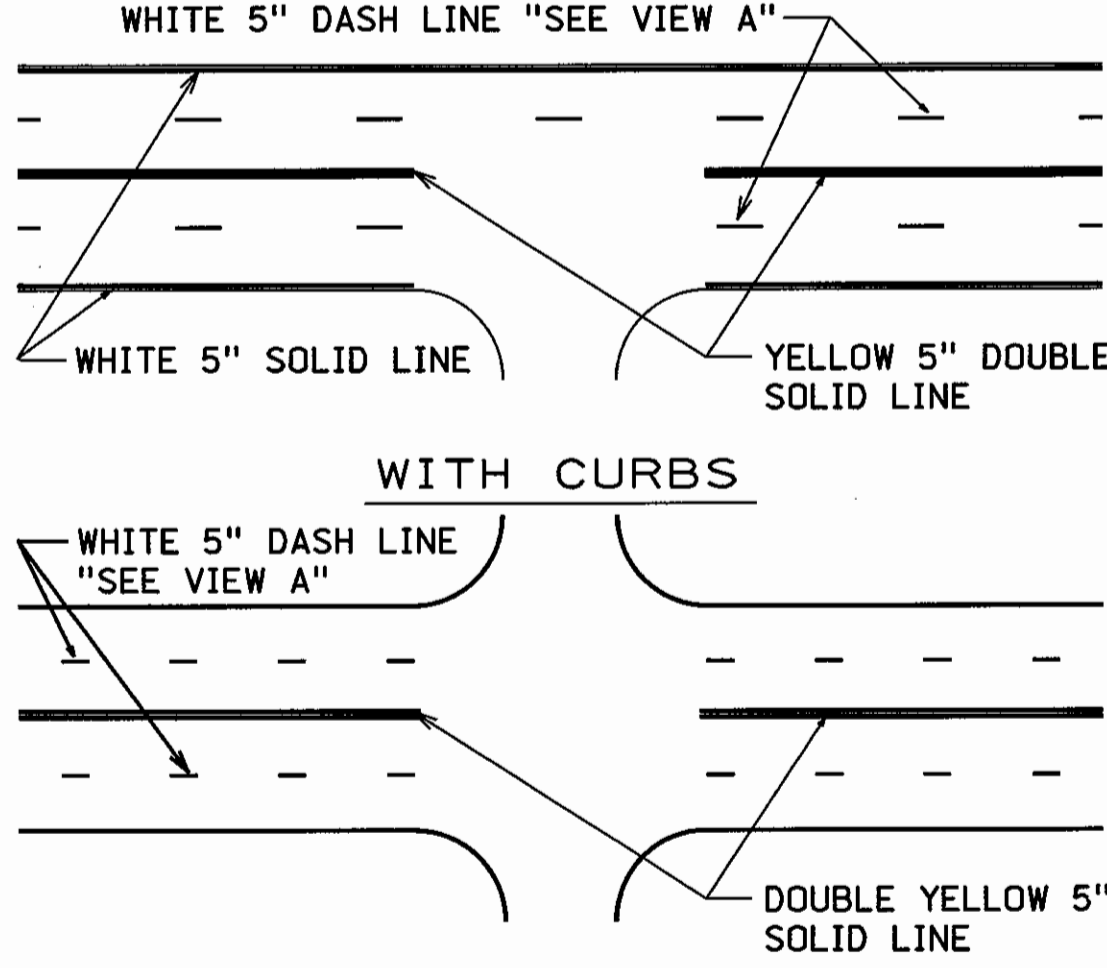
**PASSING LANE MARKING**



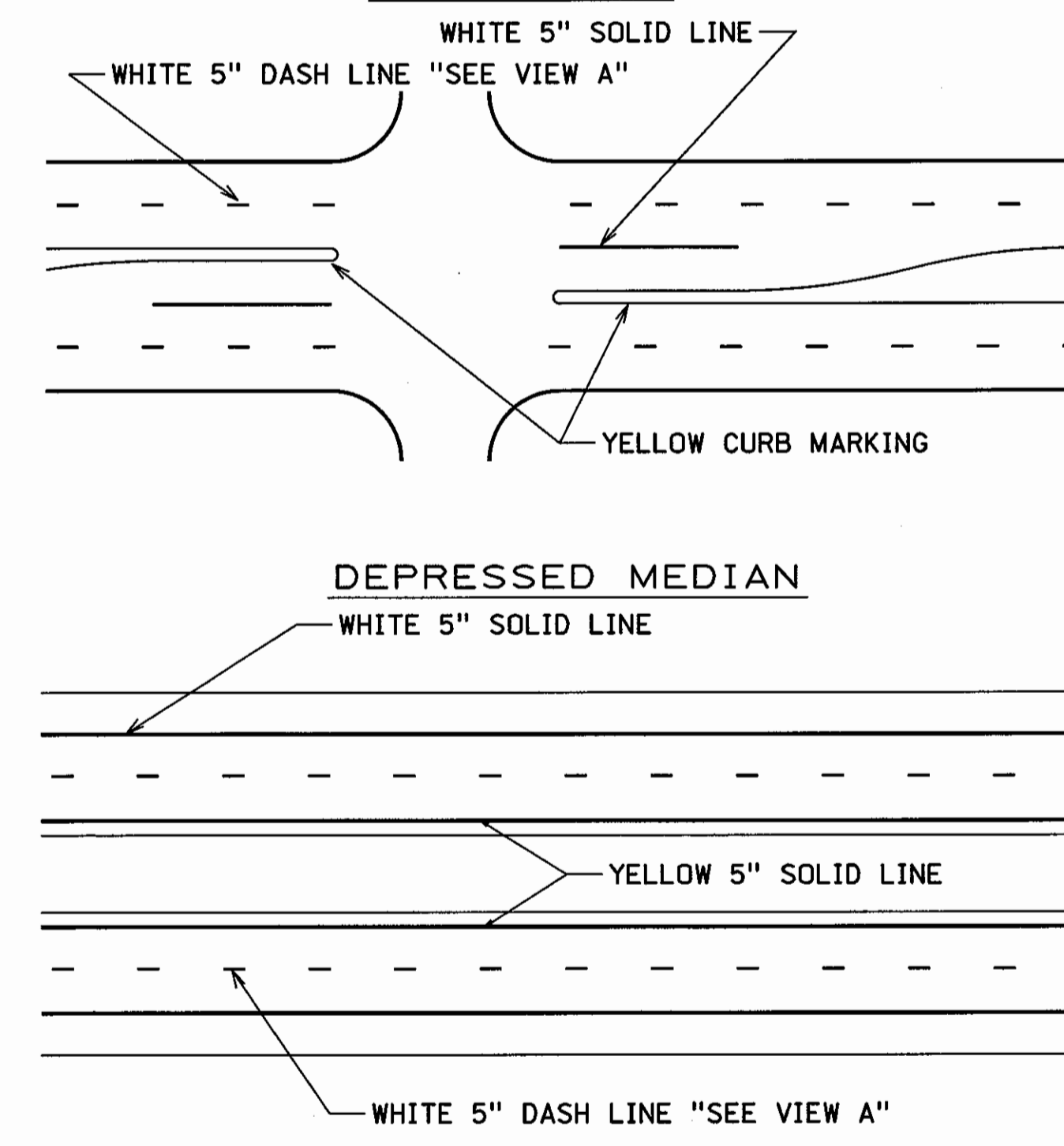
**FLY-BY LANE MARKING**



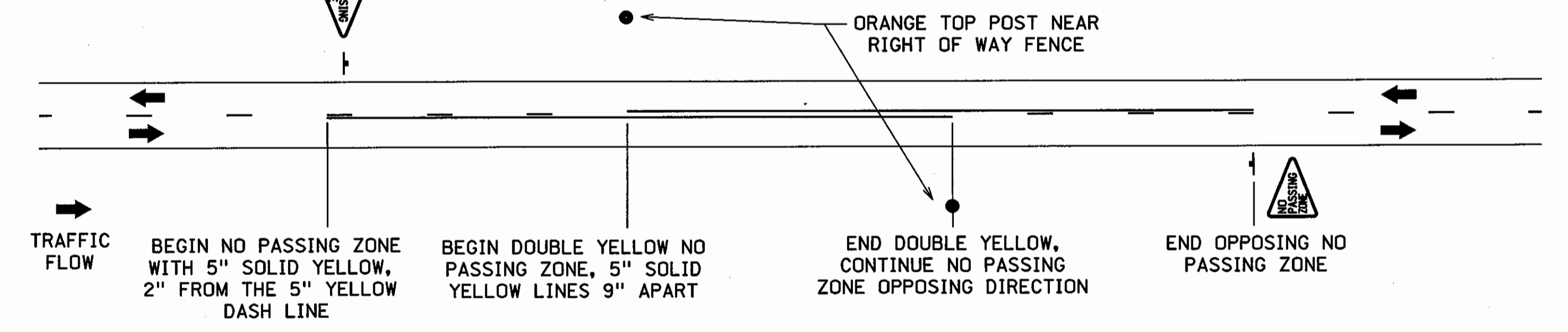
**4 LANE ROADWAYS NO CURBS**



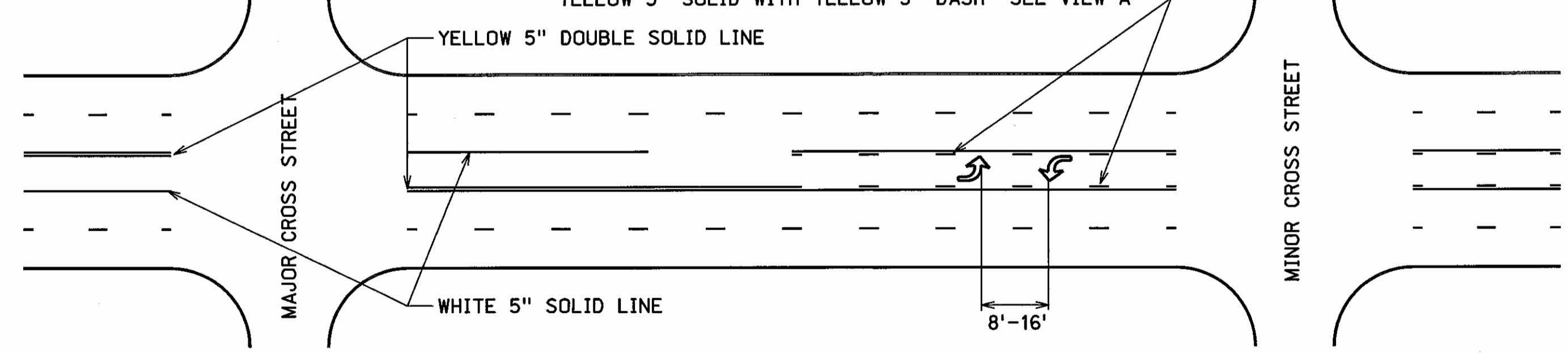
**WITH CURBS**



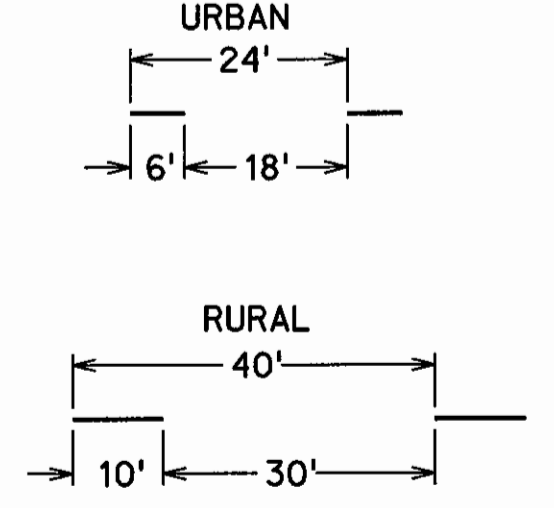
**TYPICAL NO PASSING ZONE MARKINGS**



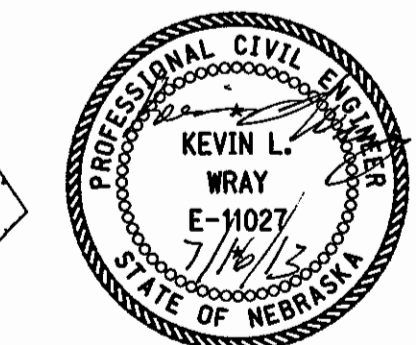
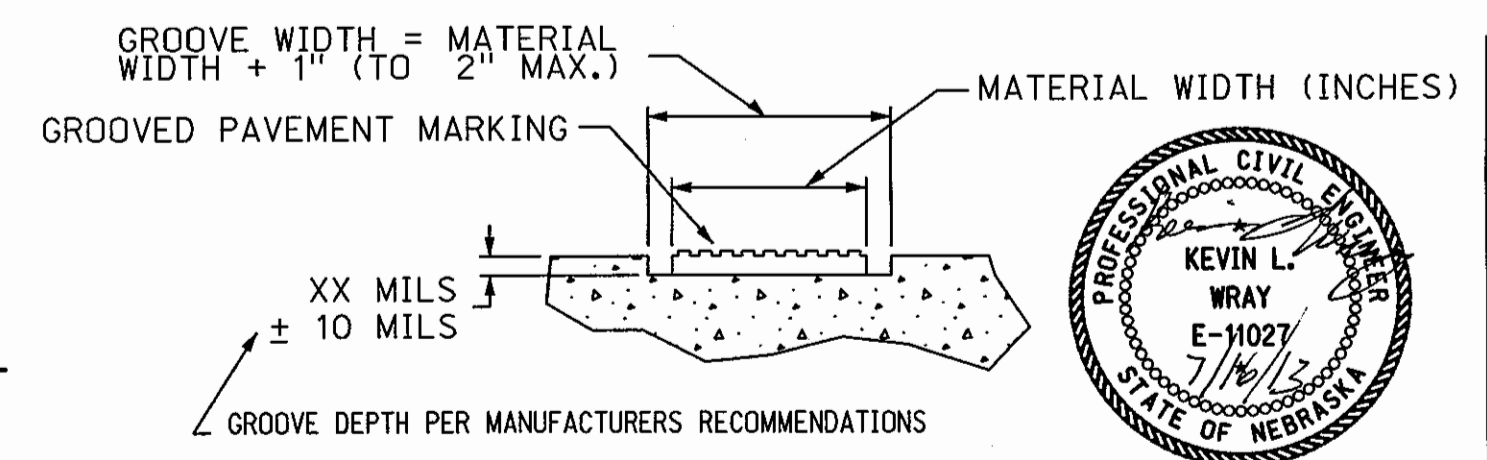
**3 OR 5 LANE WITH COMMON LEFT TURN LANE**



**VIEW A**



**PERMANENT PAVEMENT MARKINGS INSTALLED IN GROOVES**



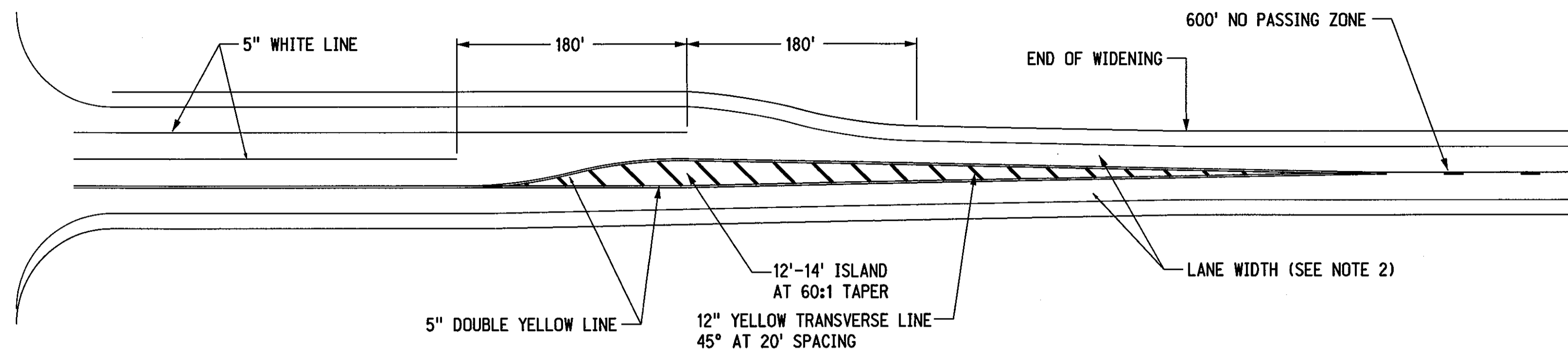
**NEBRASKA DEPARTMENT OF ROADS TRAFFIC ENGINEERING DIVISION**

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

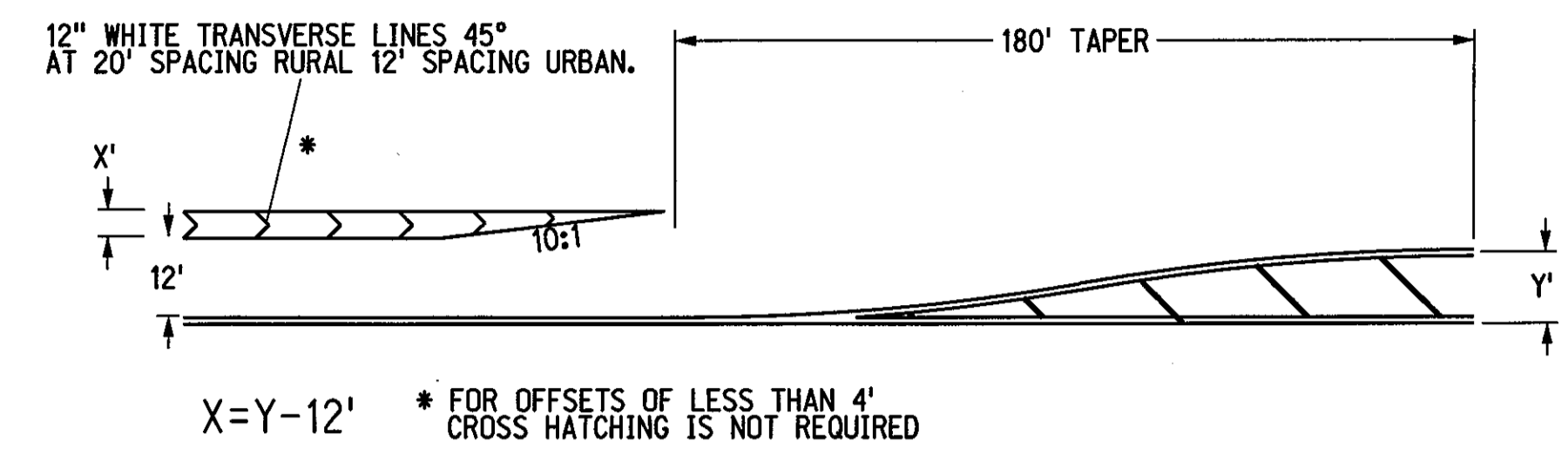
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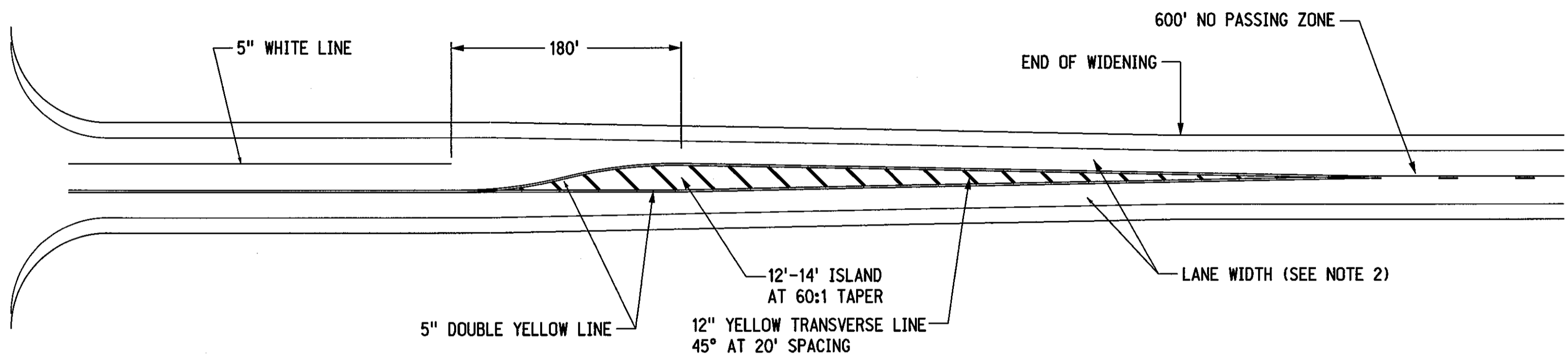
WIDENING BOTH SIDES WITH RIGHT TURN BAY



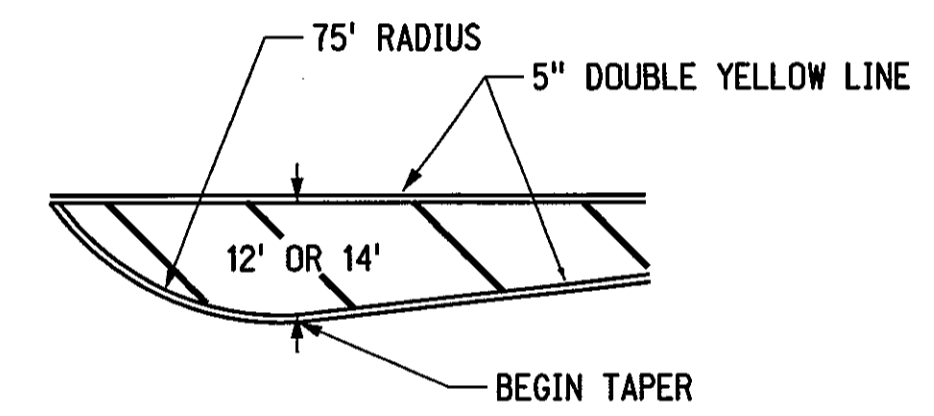
TYPICAL MARKING FOR MEDIAN WIDER THAN 12'



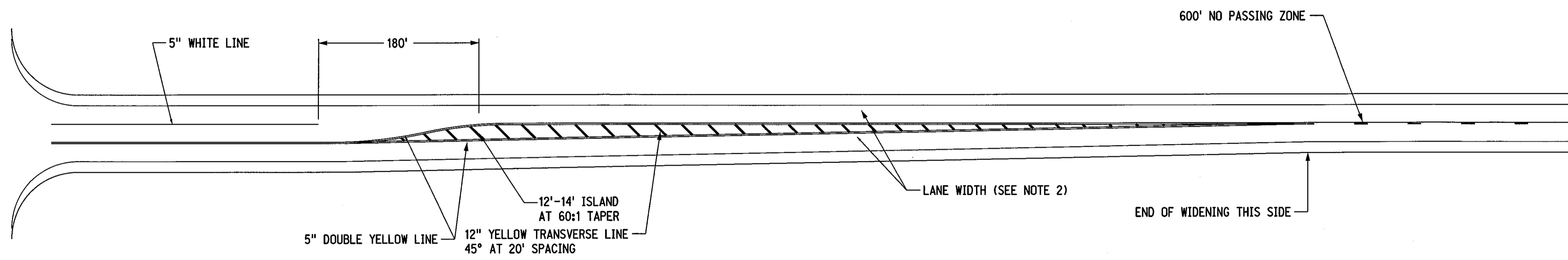
WIDENING BOTH SIDES



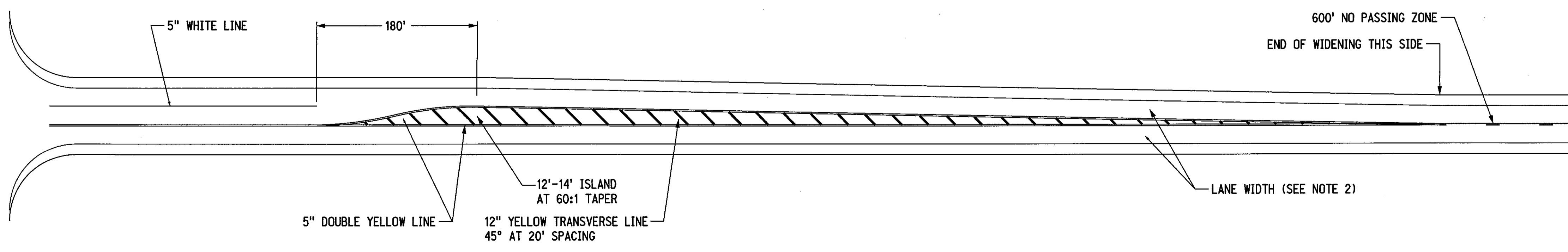
TYPICAL MARKING FOR MEDIAN W/NO LEFT TURN



WIDENING ONE SIDE



WIDENING ONE SIDE



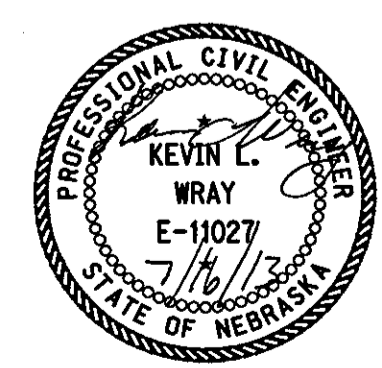
NOTES

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

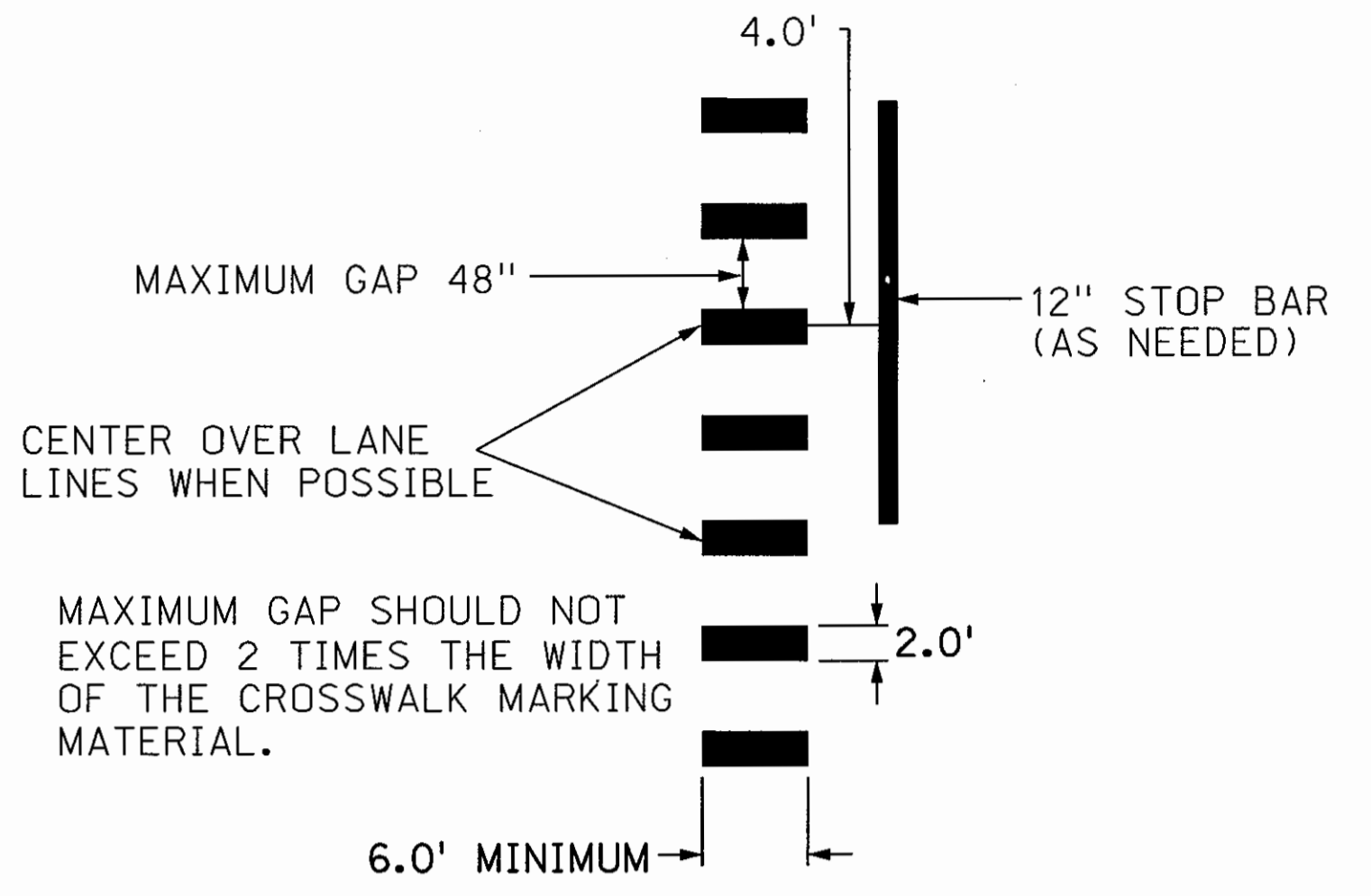
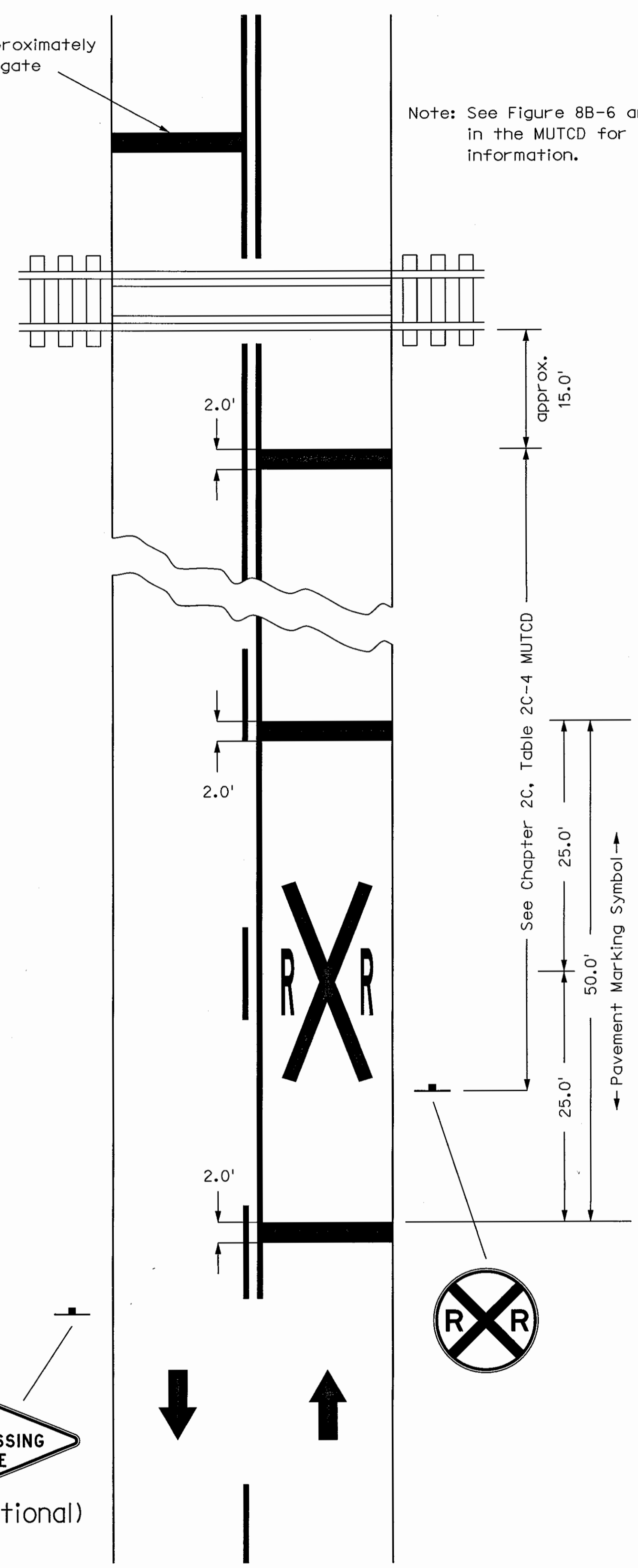
DESIGNED	TJF	5" RURAL LEFT TURN BAY DETAIL	1/1
REVIEWED			
APPROVED	DATE DRAWN	TRAFFIC ENGINEER	DATE
	12/12		



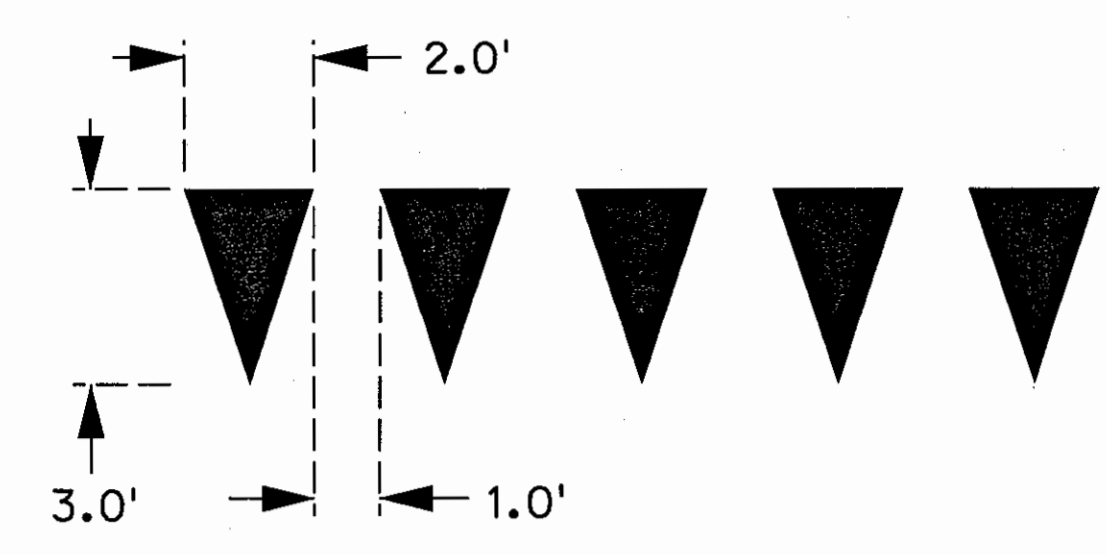
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Stop line approximately 8.0 ft from gate (if present)

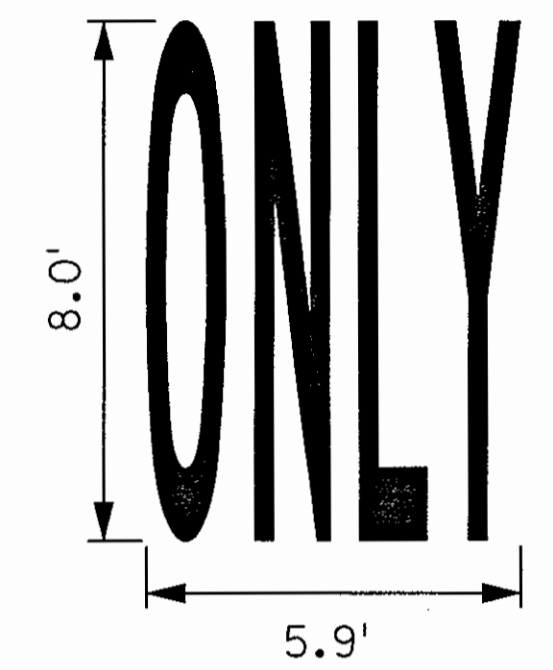
Note: See Figure 8B-6 and 8B-7 in the MUTCD for more information.



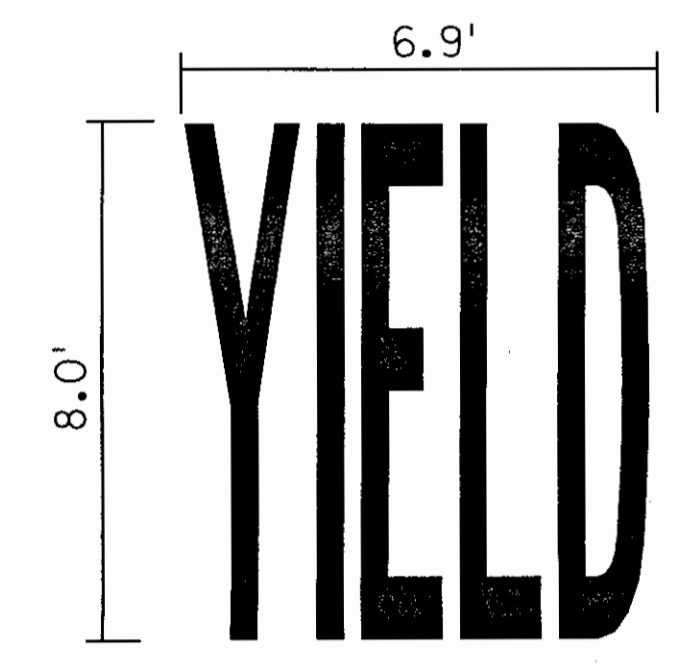
TYPICAL CROSSWALK MARKING DETAIL



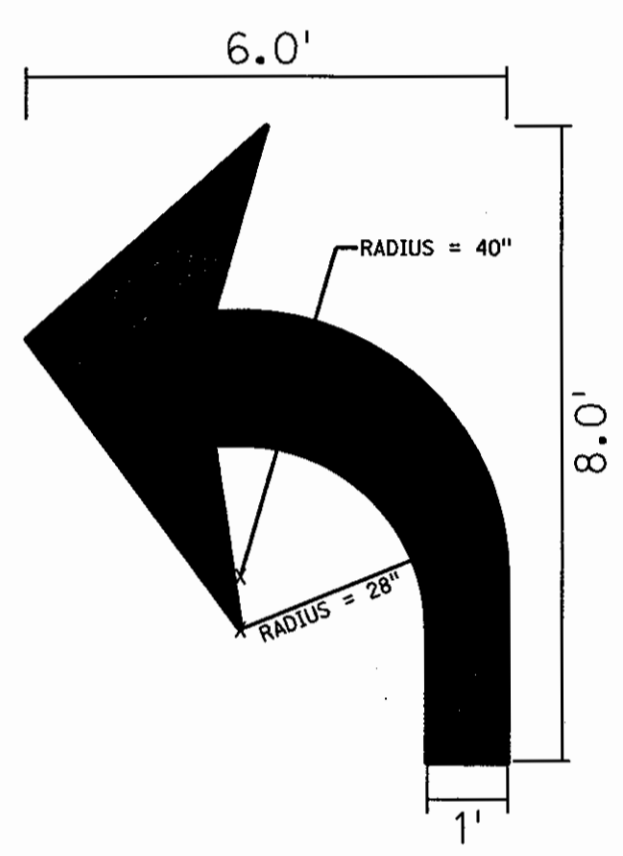
TYPICAL YIELD LINE DETAIL



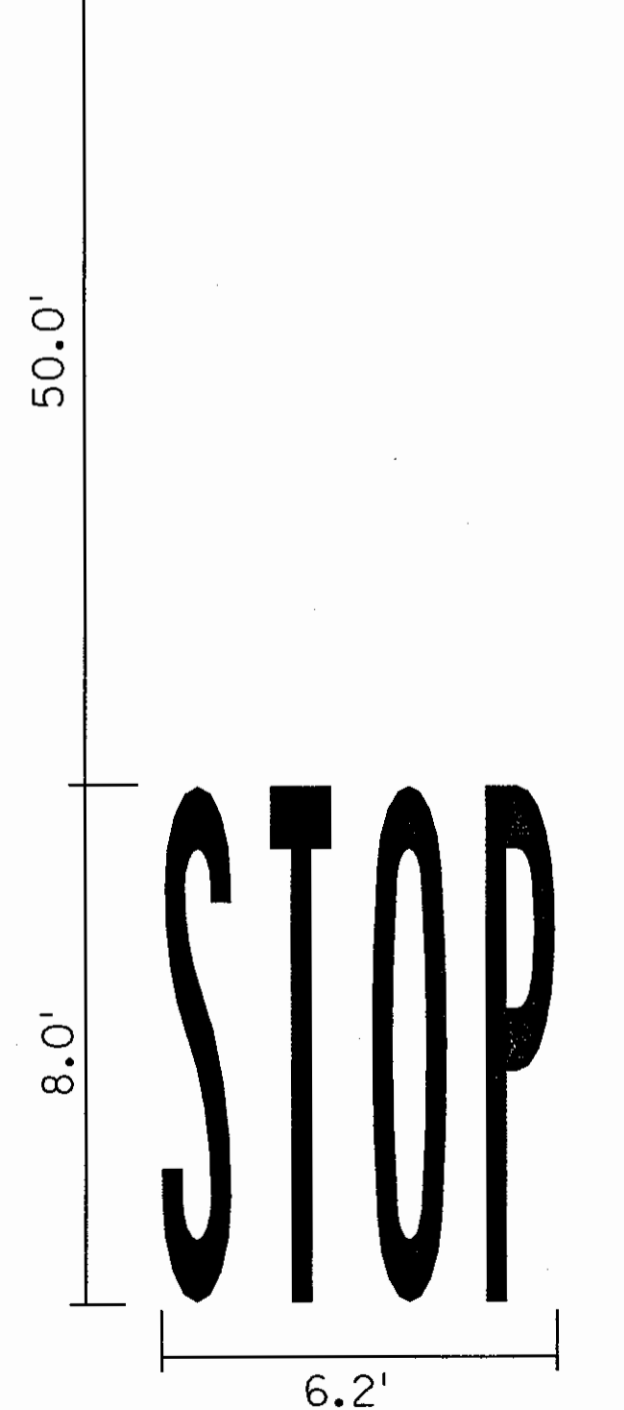
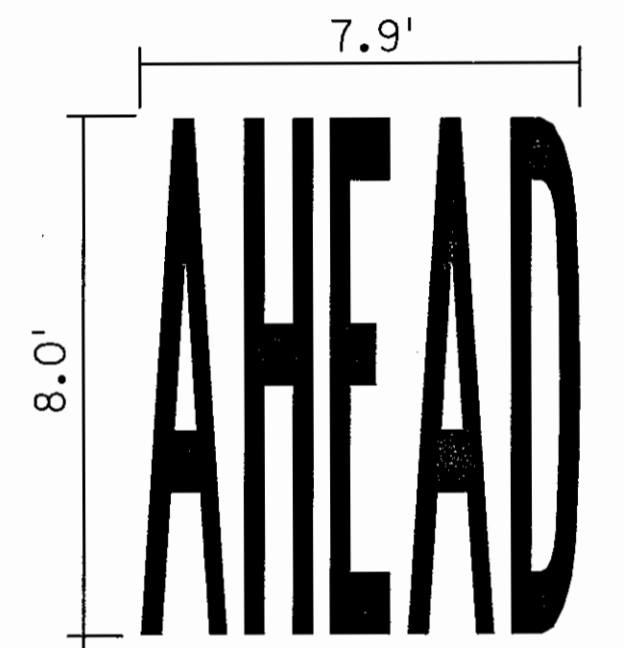
PAVEMENT MARKING ONLY DETAIL



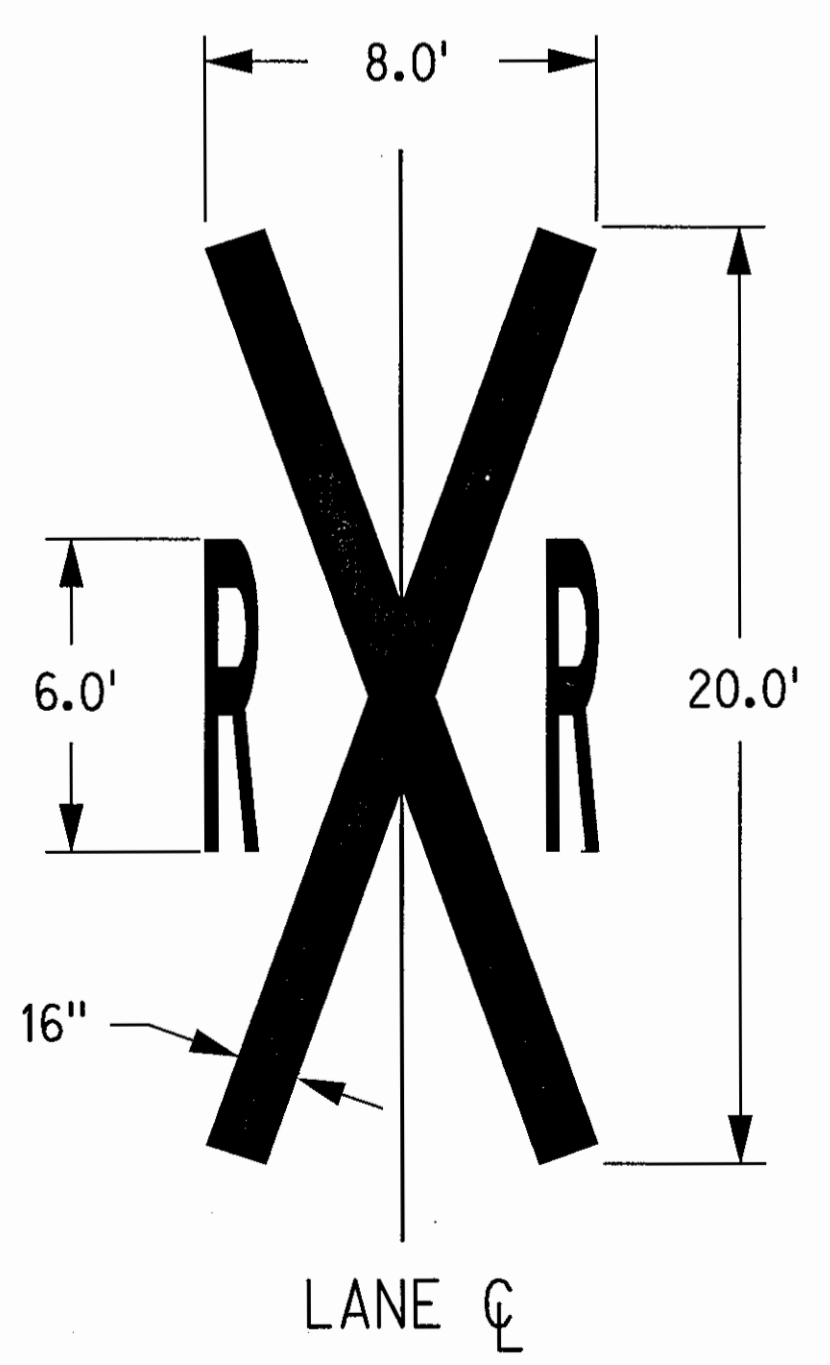
PAVEMENT MARKING YIELD DETAIL



PAVEMENT MARKING ARROW DETAIL



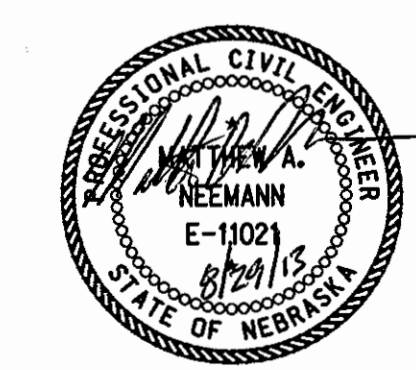
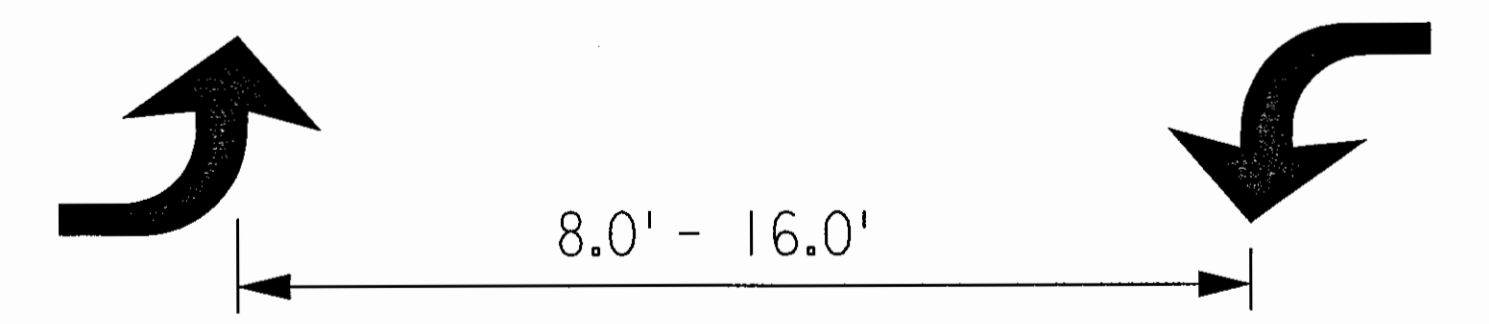
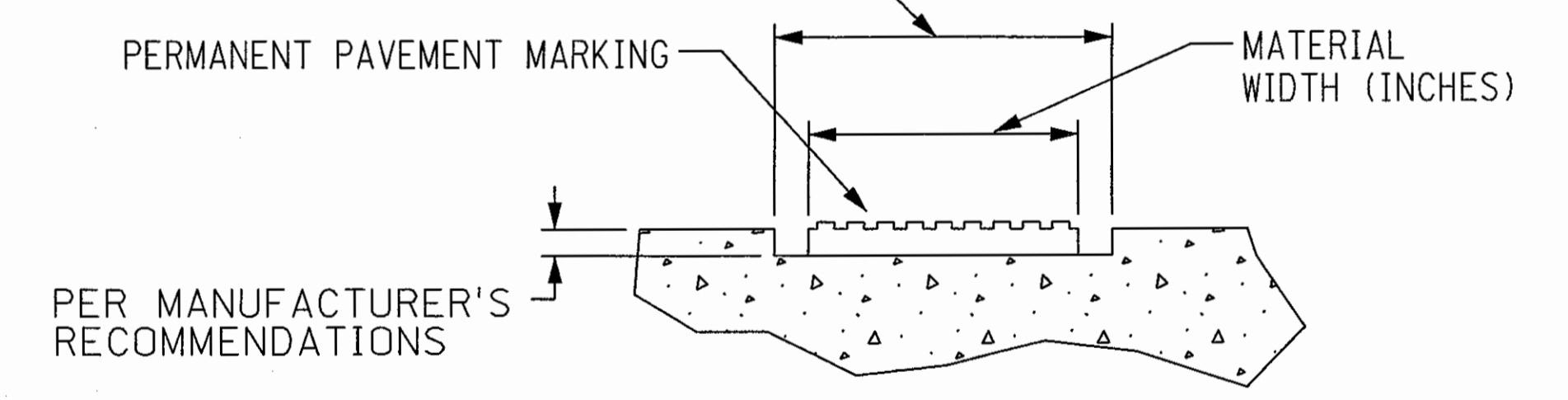
PAVEMENT MARKING STOP AHEAD DETAIL



RAILROAD CROSSING SYMBOL

PERMANENT PAVEMENT MARKINGS INSTALLED IN GROOVES

GROOVE WIDTH = MATERIAL WIDTH + 1-2" (MAX)



NEBRASKA DEPARTMENT OF ROADS  
TRAFFIC ENGINEERING DIVISION

PAVEMENT MARKING PLAN

DATE DRAWN 04/09 PAVEMENT MARKING DETAILS