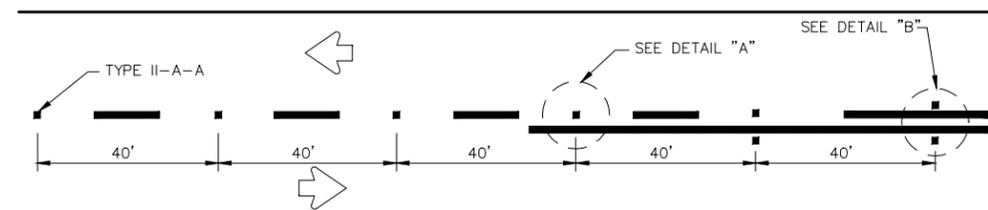
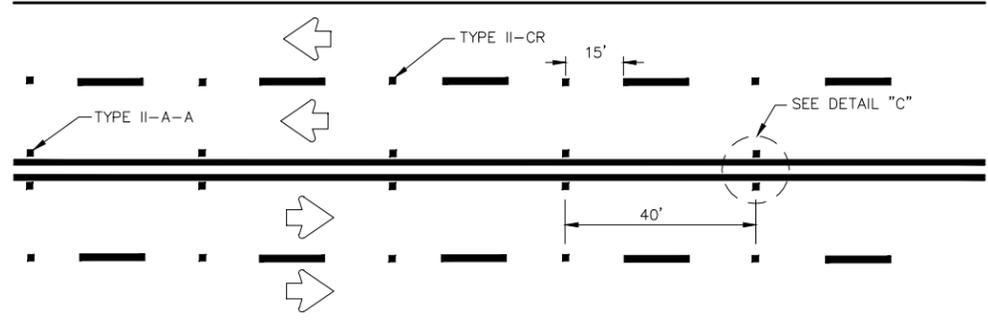


## REFLECTIVE RAISED PAVEMENT MARKERS FOR VEHICLE POSITIONING GUIDANCE

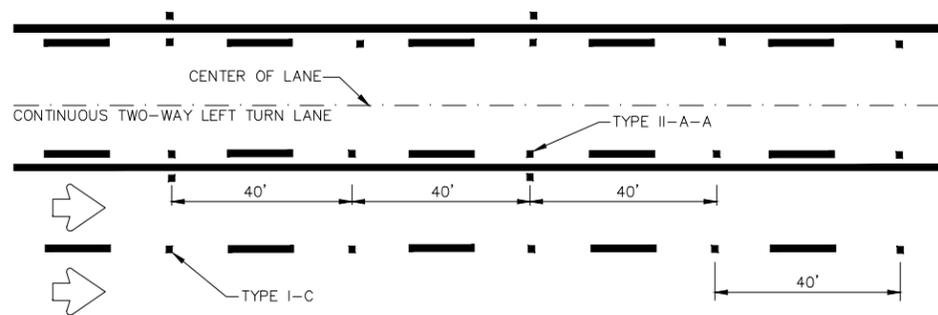
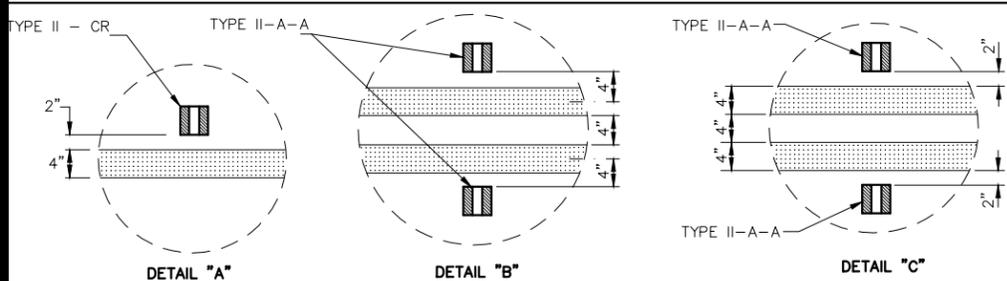


**CENTERLINE FOR ALL TWO LANE ROADWAYS**

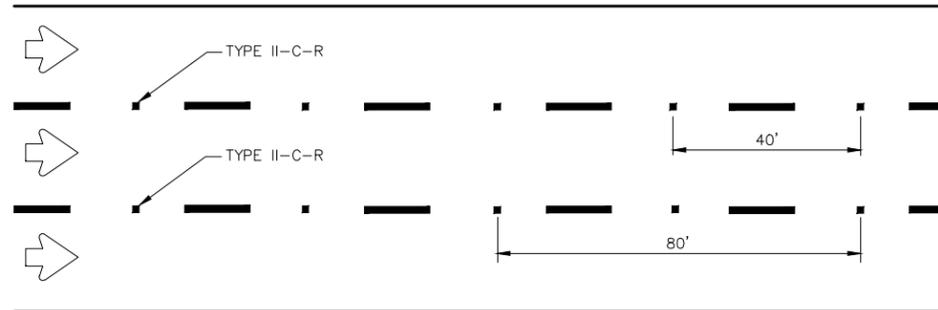


**CENTERLINE & LANE LINES  
FOR FOUR LANE TWO-WAY HIGHWAYS**

Raised pavement marker TYPE II-CR, clear/red face toward normal traffic, shall be placed on 40-foot centers.



**CENTERLINE AND LANE LINES FOR TWO-WAY LEFT TURN LANE**

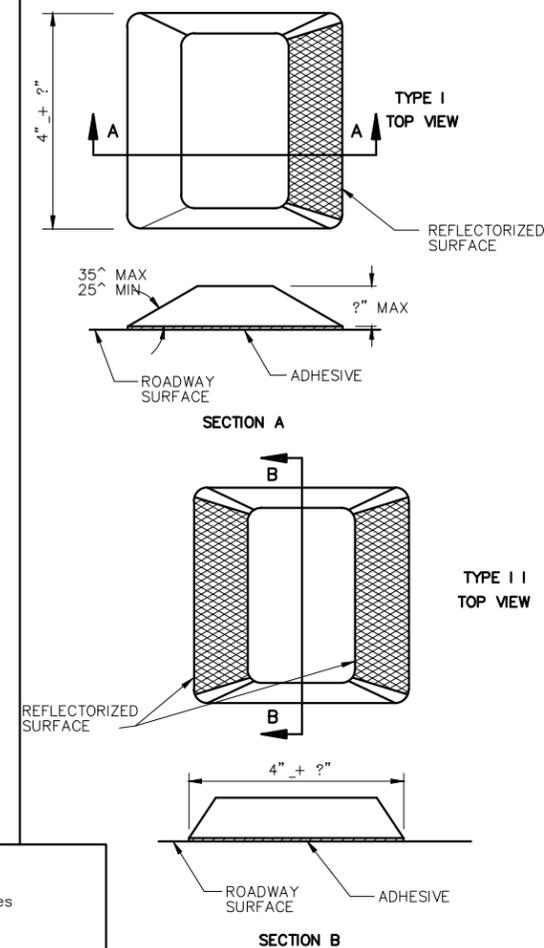


**LANE LINES FOR ONE-WAY ROADWAY (NON-FREEWAY FACILITIES)**

Raised pavement markers TYPE II-C-R shall have clear face toward normal traffic and red face toward wrong-way traffic.

TYPE I - C markers may be used in place of TYPE II - CR markers at the discretion of the Engineer.

## RAISED PAVEMENT MARKERS (REFLECTORIZED)



**GENERAL NOTES:**

All raised pavement markers placed in broken lines shall be placed in line with and midway between the stripes.

On concrete pavements the raised pavement markers should be placed to the same side of the longitudinal joints as the lane line.

All pavement markers installed on concrete shall be installed using Epoxy adhesive.

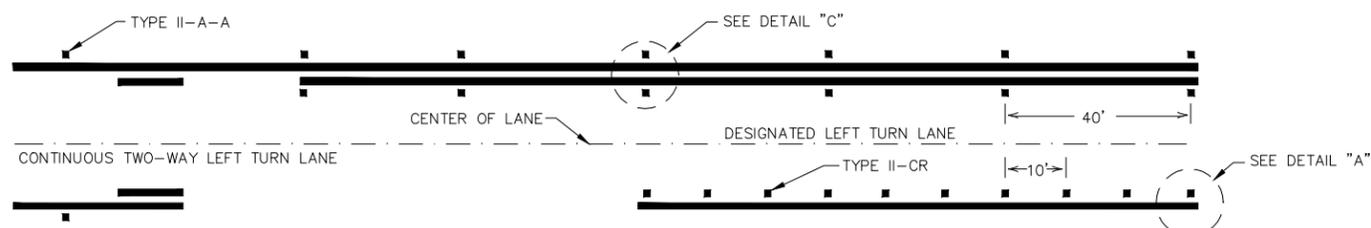
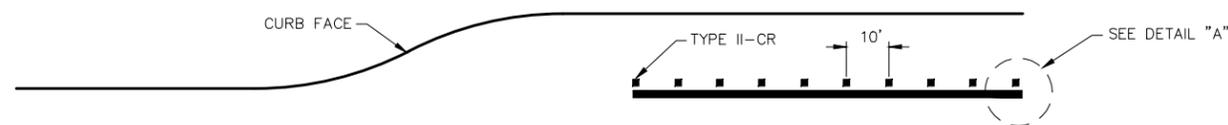
All pavement markers installed on asphalt shall be installed using Bituminous adhesive.

All pavement marking materials shall meet the Texas Department of Transportation Material Specifications as specified by the plans.

**SPECIFICATION REFERENCE TABLE  
MATERIAL SPECIFICATIONS**

PAVEMENT MARKERS (REFLECT.) DMS-4200  
EPOXY DMS-6100  
BITUMINOUS ADHESIVE FOR PAVEMENT MARKERS DMS-6130

**LANE LINES FOR DESIGNATED TURN LANES**



**LANE LINES FOR DESIGNATED TURN LANES IN A SHARED TWO-WAY TURN LANE**

**CERTIFICATION:**

THIS CITY OF THE COLONY STANDARD DETAIL SHEET IS AUTHORIZED FOR USE IN THIS PROJECT BY THE ENGINEER WHOSE SEAL APPEARS ON THIS SHEET. THIS ENGINEER IS ALSO CERTIFYING THAT THE CONTENT OF THE DETAILS AND NOTES ON THIS SHEET HAVE NOT BEEN ALTERED FROM THAT RECEIVED FROM THE CITY OF THE COLONY.

PAVEMENT MARKING STANDARD DETAILS

TURN LANE AND  
TRANSVERSE MARKINGS

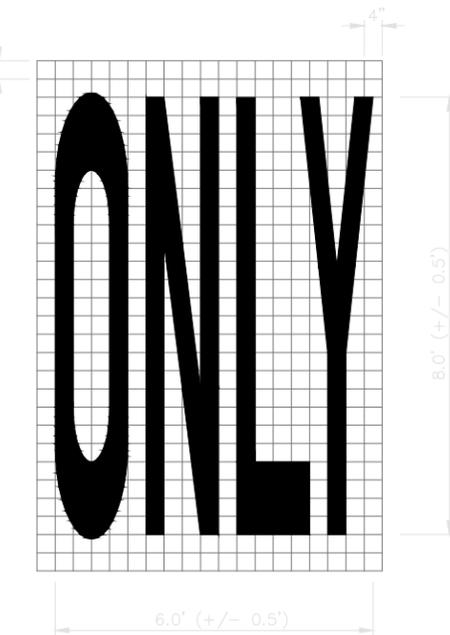
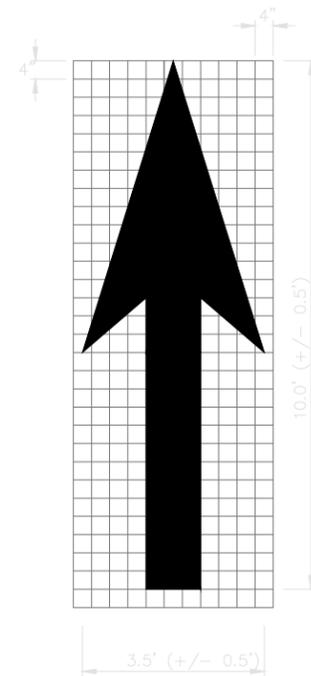
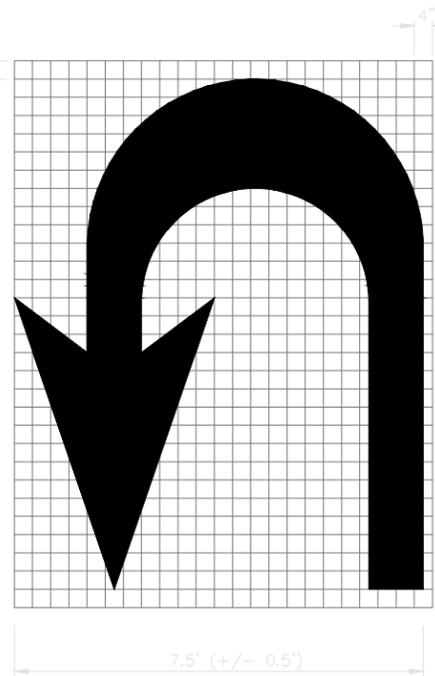
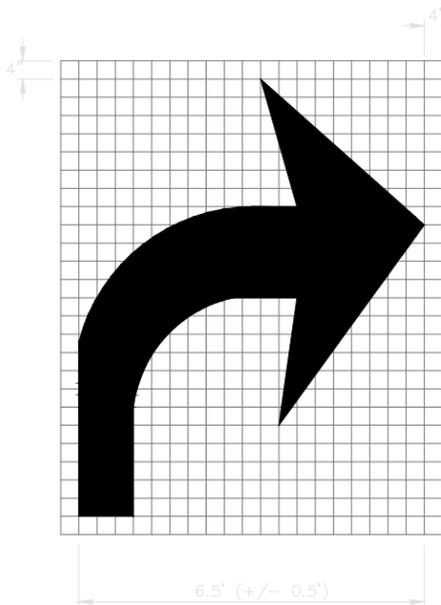
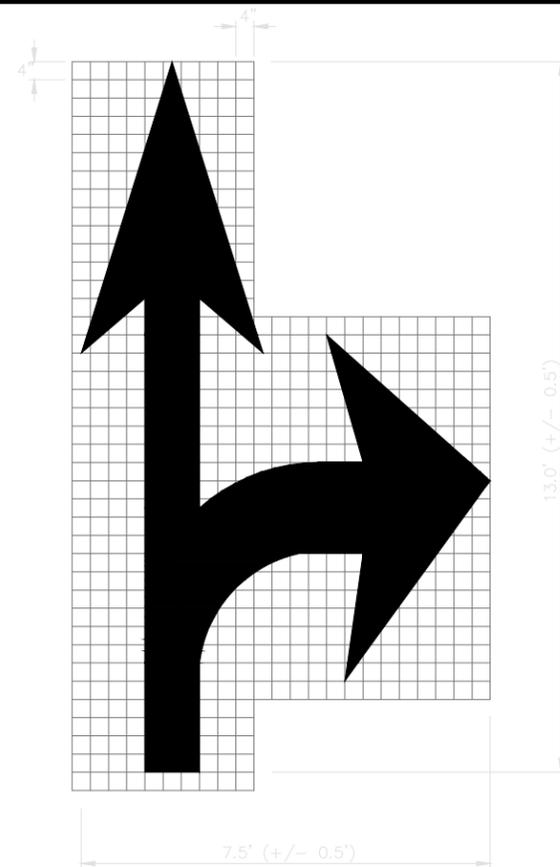
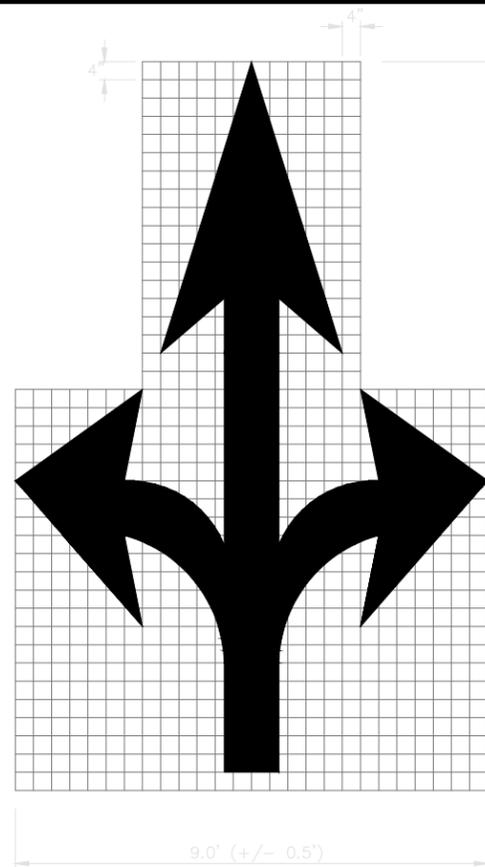
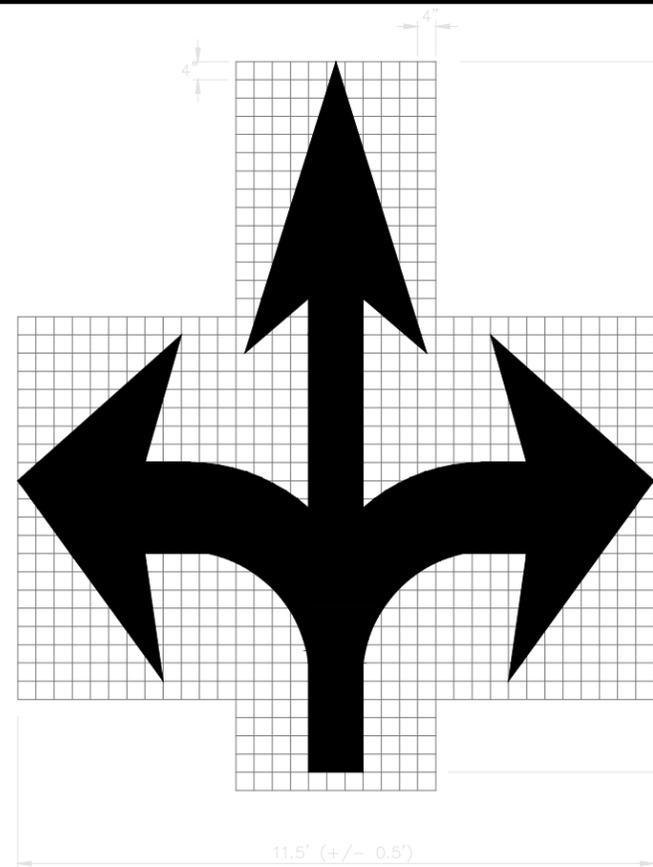


THE CITY OF THE COLONY  
TEXAS

ENGINEERING DEPARTMENT

DESIGN	DRAWN	CHECK	REV. DATE	SCALE	FILE	NO.
	M.S.		JULY 7 2009	N.T.S.	PM-1	





GENERAL NOTES:

1. Minimum 8 foot white markings should be used, unless otherwise noted. If message consists of more than one word, it should be placed with first word nearest the driver.
2. These details are standard size for normal installation; sizes may be reduced approximately one-third for low speed urban conditions; larger sizes may be needed for freeways, above average speed conditions or other critical locations.
3. The longitudinal space between markings should be at least four times the height of the markings, on low speed roads, but should not exceed ten times the height under any condition.
4. Markings considered appropriate for use when warranted include the following:
  - A. Regulatory  
STOP  
RIGHT (LEFT) TURN ONLY  
25 MPH  
SYMBOL ARROWS
  - B. Warning  
STOP AHEAD  
SIGNAL AHEAD  
SCHOOL  
SCHOOL X-ING  
PED X-ING  
R X R (see RCPM standard)
  - C. Guide  
US XXX  
ROUTE XXX  
STATE XXX  
Other words or symbols may be necessary under certain conditions
5. Uncontrolled use of pavement markings can result in driver confusion. Word and symbol markings should be no more than three lines.
6. The word "STOP" shall not be used on the pavement unless accompanied by a Stop line and Stop sign. The word "STOP" shall not be placed on the pavement in advance to a stop line, unless every vehicle is required to stop at all times.
7. Pavement markings should generally be no more than one lane in width, with School messages being the exception. For details of School and School crossing pavement markings, refer to Part VII of the "Texas Manual on Uniform Traffic Control Devices".
8. Spacing between letters should be approximately 4 inches. The width of letters may vary depending on the width of the travel lanes.
9. Lane-Use arrow markings may be used to convey either guidance or mandatory messages. Arrows used to convey a mandatory movement must be accompanied by standard signs and the pavement marking word "ONLY".
10. Pavement markings are to be located as specified elsewhere in the plans.

SPACING BETWEEN LINES OF PAVEMENT MARKING	
MPH	SPACING
≤ 45	MINIMUM 4 TIMES THE LETTER HEIGHT
> 45	MINIMUM - 4 TIMES THE LETTER HEIGHT MAXIMUM - 10 TIMES THE LETTER HEIGHT

**CERTIFICATION:**  
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PAVEMENT MARKING STANDARD DETAILS

LEGENDS AND ARROWS



THE CITY OF THE COLONY  
TEXAS  
ENGINEERING DEPARTMENT

DESIGN	DRAWN	CHECK	REV. DATE	SCALE	FILE	NO.
	M.S.		JULY 7 2009	N.T.S.	PM-3	