

**GENERAL NOTES**

1. MINIMUM LONGITUDINAL PAVEMENT MARKING WIDTH

Facility Type	Speed	Edge Lines	Lane Lines	Center Lines <sup>1</sup>	Dotted Lane Lines	Lane Drop/Aux Lines
2-Lane Facilities	All	6"	n/a	4"	n/a	n/a
3-Lane Facilities	All	6"	6"	4"	6"	8"
Multi-Lane Facilities ≥ 50 MPH		6"	6"	4"	6"	8"
Multi-Lane Facilities ≤ 45 MPH		4"	4"	4"	4"	8"

<sup>1</sup>Applies to facility types with double yellow lines, painted median, or undivided highway.

2. TEMPORARY PAVEMENT MARKING  
4 INCHES WIDE MARKING CAN BE USED INSTEAD OF 6 INCHES WIDE MARKING FOR TEMPORARY MARKING UNLESS OTHERWISE DIRECTED BY THE REGION TRAFFIC ENGINEER.
3. CENTER LINES  
a. BROKEN YELLOW, 4 INCHES WIDE-10 FEET SEGMENTS WITH 30 FEET GAPS.  
b. SOLID YELLOW, 4 INCHES WIDE. THESE LINES SEPARATE ADJACENT-OPPOSITE DIRECTION TRAFFIC LANES. DOUBLE LINES SHALL BE SPACED 4 INCHES APART.
4. LANE LINES  
a. BROKEN WHITE, 4 OR 6 INCHES WIDE-10 FEET SEGMENTS WITH 30 FEET GAPS. THESE LINES SEPARATE ADJACENT-SAME DIRECTION TRAFFIC LANES.  
b. SOLID WHITE, 4 OR 6 INCHES WIDE. THESE LINES SEPARATE ADJACENT-SAME DIRECTION TRAFFIC LANES. A SOLID LINE MAY BE USED TO DISCOURAGE LANE CHANGING, WHILE TWO PARALLEL SOLID WHITE LINES ARE REQUIRED TO PROHIBIT LANE CHANGING.
5. EDGE LINES  
a. SOLID WHITE OR YELLOW EDGE LINES SHALL BE 4 OR 6 INCHES WIDE. YELLOW EDGE LINES SHALL BE USED ONLY FOR LEFT EDGE, IN THE DIRECTION OF TRAVEL OF DIVIDED STREETS AND HIGHWAYS (SEPARATED BY OTHER THAN A PAINTED MEDIAN) AND ONE-WAY ROADWAYS (INCLUDING RAMPS).  
b. EDGE LINES ARE NOT CONTINUED THROUGH INTERSECTIONS AND ARE NOT BROKEN FOR DRIVEWAYS. CARE MUST BE TAKEN TO AVOID EDGE LINE APPEARING AS LANE LINE ALONG ROADWAYS WITH WIDE SHOULDERS AND/OR CLOSELY SPACED DRIVEWAYS.
6. DOTTED EXTENSION LINES  
BROKEN WHITE, WIDTH MATCHING THE LINE BEING EXTENDED-2 FEET SEGMENTS WITH 4 FEET GAPS. THESE LINES ARE USED TO DELINEATE THE EXTENSION OF A LINE THROUGH AN INTERSECTION OR INTERCHANGE AREA.
7. LANE DROP / AUX LINES  
BROKEN WHITE, 8 INCHES WIDE-3 FEET SEGMENTS WITH 12 FEET GAPS. THESE LINES SHOULD BEGIN 2600 FEET IN ADVANCE OF THE THEORETICAL GOREPOINT TO DISTINGUISH THE LANE DROP FROM A CONTINUOUS LANE.
8. DOTTED LANE LINES  
BROKEN WHITE, 4 OR 6 INCHES WIDE-3 FEET SEGMENTS WITH 12 FEET GAPS. LINE WIDTH SHALL MATCH THE ADJACENT LANE LINE. THE WIDTH SHOULD MATCH THAT OF THE LINE IT IS EXTENDING.
9. CHANNELIZING LINES  
SOLID WHITE, 8 INCHES WIDE. THESE LINES ARE USED WITH ACCELERATION-DECELERATION LANES, PAVEMENT WIDTH TRANSITIONS, AND LEFT-RIGHT TURN SLOTS OR ISLANDS.
- \* THE CHANNELIZING LINE MAY BE EXTENDED 300 FEET (TYPICAL) UPSTREAM FROM THE THEORETICAL GORE. FINAL LENGTH DEPENDS ON SITE CONDITIONS.

(CONTINUED ON SHEET NO. 2)

**TYPICAL ENTRANCE AND EXIT RAMP MARKINGS**

**Computer File Information**

Creation Date: 07/04/12
Created By: SCL
Last Modification Date: 07/22/22
Last Modified By: EButta
CAD Ver.: MicroStation V8 Scale: Not to Scale Units: English

**Sheet Revisions**

Date:	Comments
07/22/22	PARALLEL DECEL LANE AND NOTES UPDATE
02/16/21	LINE TYPE UPDATE FOR PARALLEL DECEL LANE ADDED NOTE TEMPORARY PAVEMENT MARKING
04/17/20	LINE WIDTH UPDATE

Colorado Department of Transportation

2829 W. Howard Pl.  
Denver, CO 80204  
Phone: 303-512-5102  
FAX: 303-757-9219

Traffic & Safety Engineering EB

**PAVEMENT MARKINGS**

Issued By: Traffic & Safety Engineering Branch July 31, 2019

**STANDARD PLAN NO.**

S-627-1

**Standard Sheet No. 1 of 9**

Project Sheet Number:

**GENERAL NOTES**

(CONTINUED FROM SHEET NO. 1)

10. CROSS-HATCHING LINES
  - a. SOLID WHITE OR YELLOW, 8 INCHES WIDE-45 DEGREE DIAGONAL, SPACED AT 25 FEET INTERVALS. THESE LINES ARE OPTIONAL AND MAY BE PLACED AT LOCATIONS INDICATED ON THE PLANS OR DETERMINED BY THE ENGINEER. YELLOW SHALL BE USED FOR PAINTED MEDIANS OR PAVEMENT WIDTH TRANSITIONS ONLY.
  - b. OPTIONAL DIAGONAL SHOULDER MARKINGS SHALL BE SOLID WHITE, 8 INCHES WIDE, SPACED AT INTERVALS OF 20 FEET MINIMUM TO 100 FEET MAXIMUM.
11. PARKING LINES
 

SOLID WHITE, 3 INCHES WIDE-DIAGONAL OR PARALLEL AS SHOWN ON THE PLANS OR DIRECTED BY THE ENGINEER.
12. STOP LINES
 

SOLID WHITE, 24 INCHES WIDE-EXTEND PARALLEL TO INTERSECTED ROADWAY ACROSS ALL APPROACH LANES OR AS INDICATED AT LOCATIONS ON THE PLANS. LOCATE AT THE DESIRED STOPPING POINT, NOT MORE THAN 30 FEET, NOR LESS THAN 4 FEET FROM THE NEAREST EDGE OF THE INTERSECTED TRAFFIC LANE.
13. CROSSWALK LINES
  - a. SOLID WHITE, 12 INCHES WIDE FOR TRANSVERSE LINE TYPE EXTEND ACROSS ENTIRE WIDTH OF PAVEMENT. IF NO ADVANCE STOP LINE IS PROVIDED, INCREASE THE WIDTH OF THE CROSSWALK LINES TO 24 INCHES. THE DISTANCE BETWEEN THE LINES IS USUALLY DETERMINED BY THE WIDTH OF THE SIDEWALKS CONNECTED, IN ANY CASE THIS SHALL NOT BE LESS THAN 6 FEET.
  - b. COMPLICATED AND/OR CHANNELIZED INTERSECTIONS AND MID-BLOCK CROSSWALKS SHALL BE SOLID WHITE, 12 INCHES TO 24 INCHES WIDE AND 8 TO 10 FEET LONG FOR LONGITUDINAL LINE TYPE AS DETAILED IN THE PLANS OR AS DIRECTED BY THE ENGINEER.
14. WORD, ARROW AND SYMBOL MARKINGS
 

ALL LETTERS, ARROWS AND SYMBOLS SHALL BE IN CONFORMANCE WITH "THE STANDARD ALPHABETS FOR HIGHWAY SIGNS AND PAVEMENT MARKINGS" ADOPTED BY THE FEDERAL HIGHWAY ADMINISTRATION.
15. MERGING TAPER LENGTH
 

L= MINIMUM LENGTH OF TAPER.  
S= DESIGN SPEED FOR NEW CONSTRUCTION OR NUMERICAL VALUE OF THE POSTED SPEED LIMIT OF THE 85TH PERCENTILE SPEED OF EXISTING TRAFFIC.  
W= WIDTH TRANSITIONED.

FORMULA: FOR SPEED 45 MPH OR MORE,  $L = S \times W$   
FOR SPEED 40 MPH OR LESS,  $L = \frac{WS^2}{60}$
16. TRANSITION LINES
 

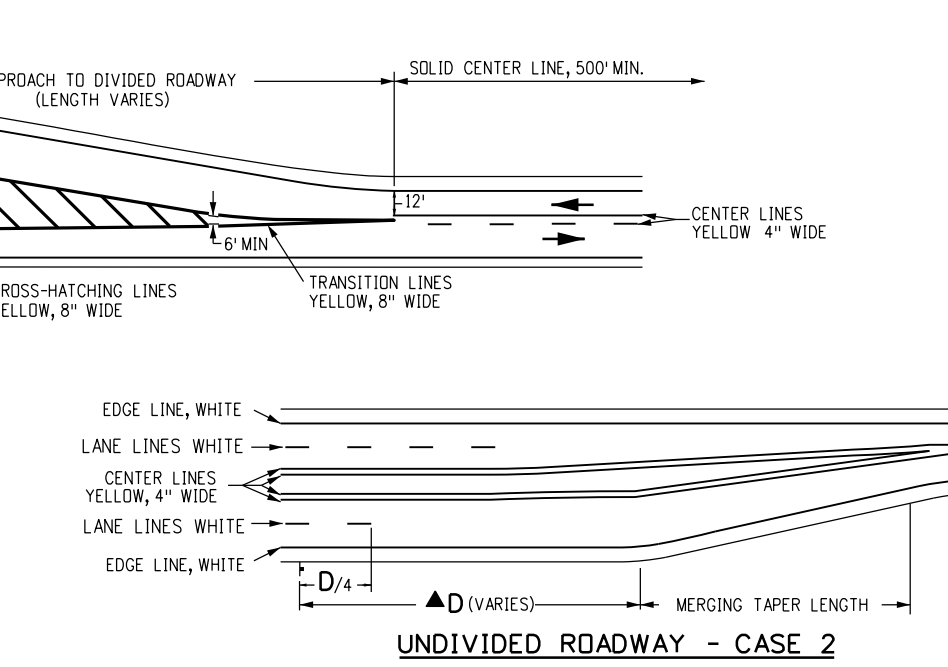
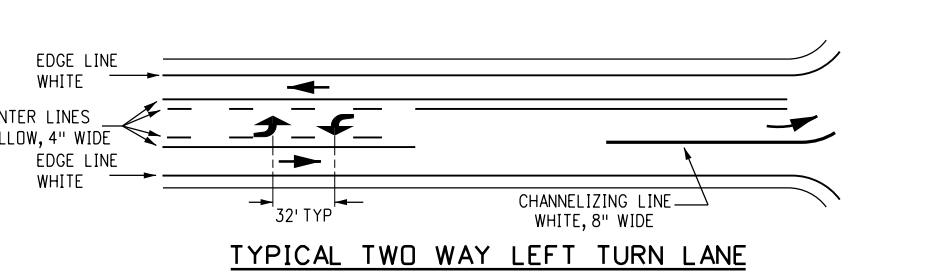
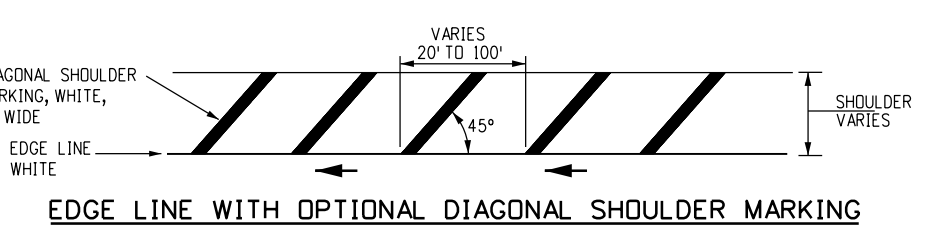
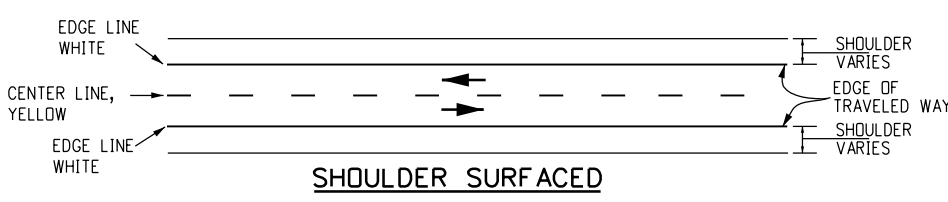
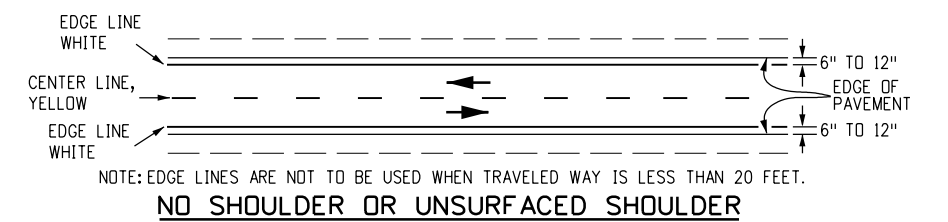
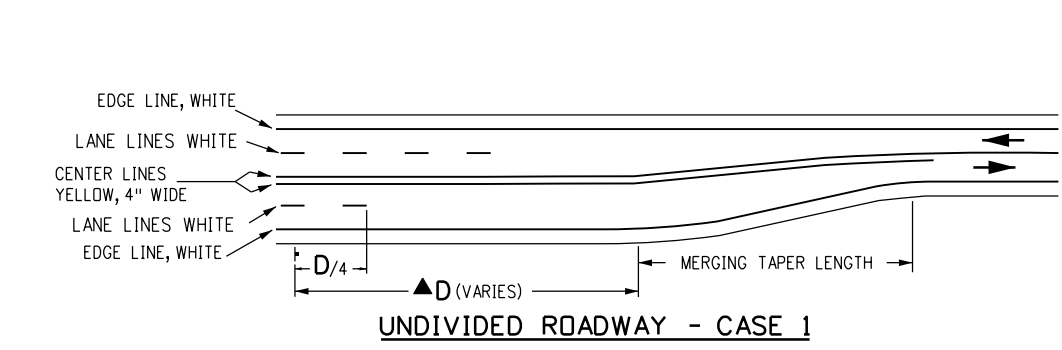
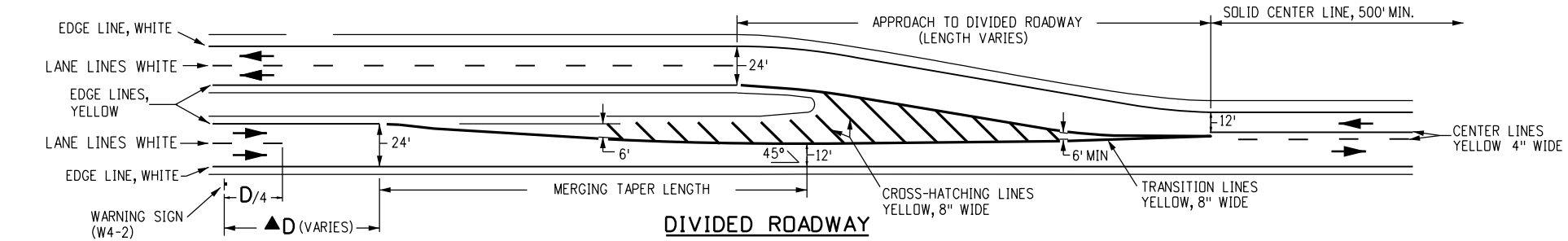
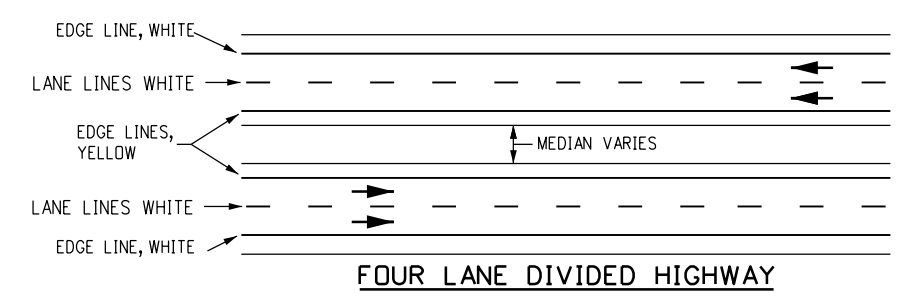
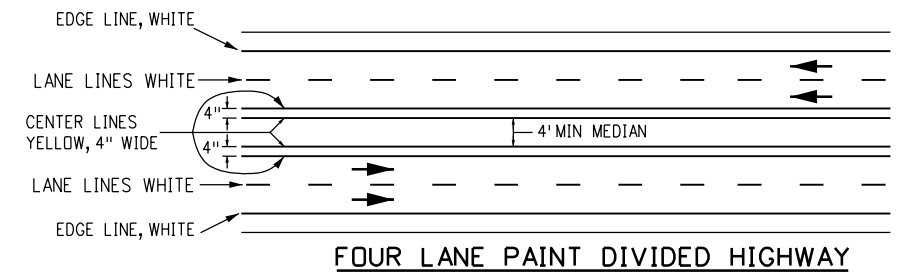
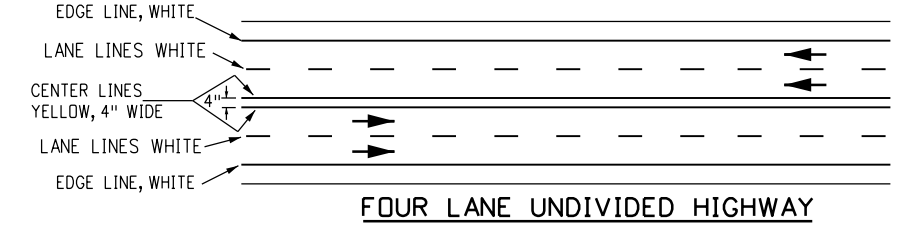
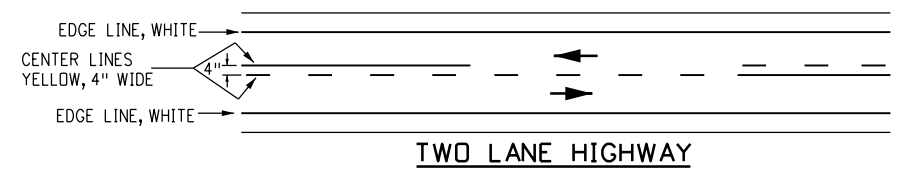
SOLID YELLOW, 8 INCHES WIDE. THESE LINES ARE USED WHERE ADDITIONAL EMPHASIS OR VISIBILITY IS DESIRABLE AT PAVEMENT WIDTH TRANSITIONS. PLACE AT LOCATIONS INDICATED ON THE PLANS OR AS DIRECTED BY THE ENGINEER.
17. SPEED MEASURING MARKING
 

SOLID WHITE, 24 INCHES EXTEND 4 FEET FROM OUTSIDE OF EDGE LINES ON SHOULDERS.
18. ALL SPACING IS DETERMINED CENTER ON CENTER EXCEPT FOR DOUBLE LINES.

**NOTE:**  
D = THE DISTANCE FROM THE LANE ENDS SIGN (W4-2) TO THE BEGINNING OF THE MERGING TAPER. FOR MORE INFORMATION ON THE "D" VALUE REGARDING SIGN AND PAVEMENT MARKING PLACEMENT, SEE THE "MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES", TABLE 2C-4, CONDITION A: SPEED REDUCTION AND LANE CHANGING IN HEAVY TRAFFIC AND FOOTNOTE 2 REGARDING TYPICAL CONDITIONS.

**LEGEND**

→ Direction of Travel



**TYPICAL PAVEMENT WIDTH TRANSITION MARKINGS**

Computer File Information	
Creation Date: 07/04/12	
Created By: KEN	
Last Modification Date: 07/22/22	
Last Modified By: EButta	
CAD Ver.: MicroStation V8	Scale: Not to Scale Units: English

Sheet Revisions	
Date:	Comments
(R-2) 07/22/22	GENERAL NOTES UPDATE
(R-2) 02/16/21	UPDATE GENERAL NOTE NUMBER
(R-1) 04/17/20	LINE WIDTH UPDATE.

Colorado Department of Transportation

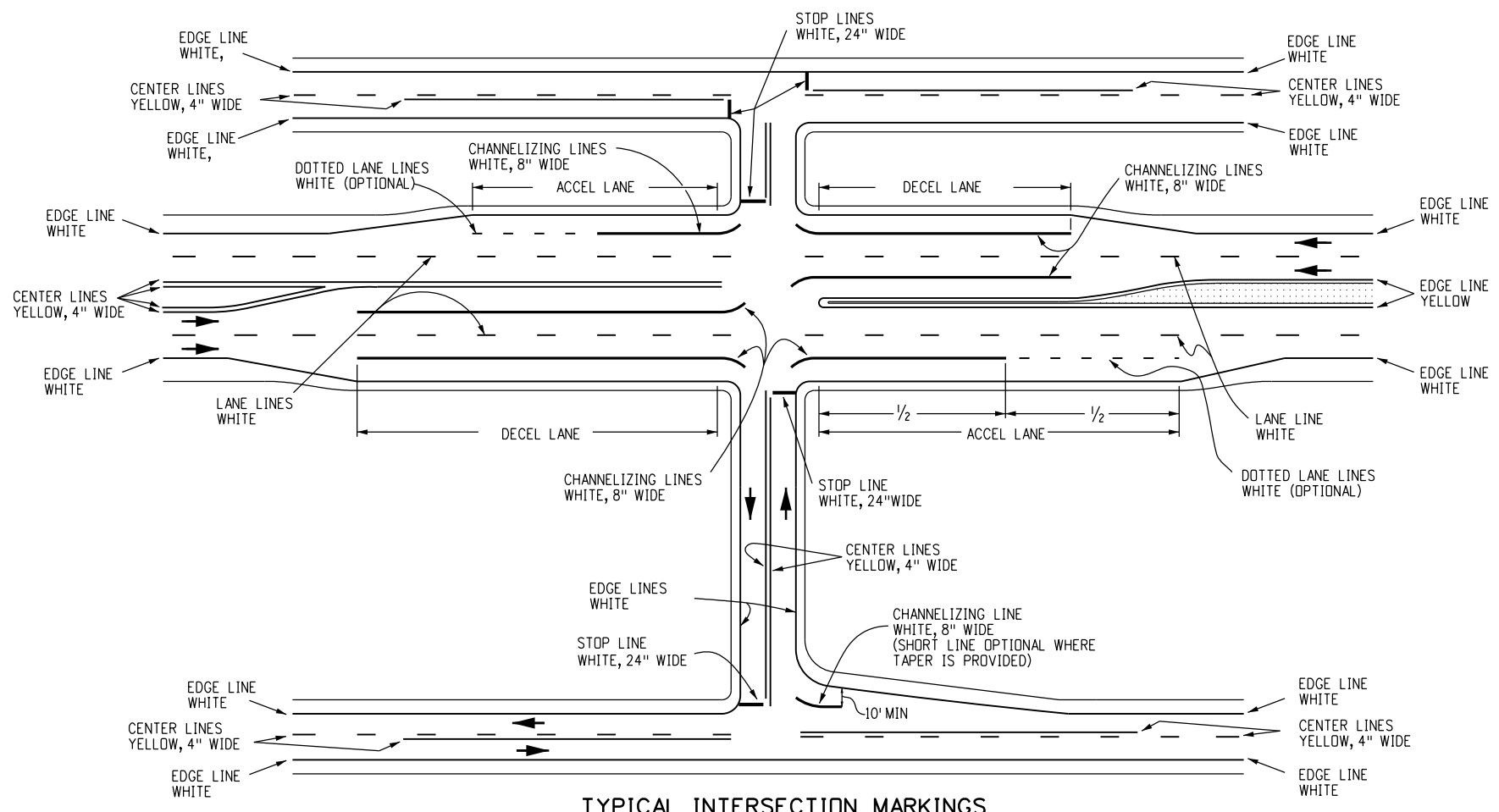
2829 W. Howard Pl.  
Denver, CO 80204  
Phone: 303-512-5102  
FAX: 303-757-9219

Traffic & Safety Engineering EB

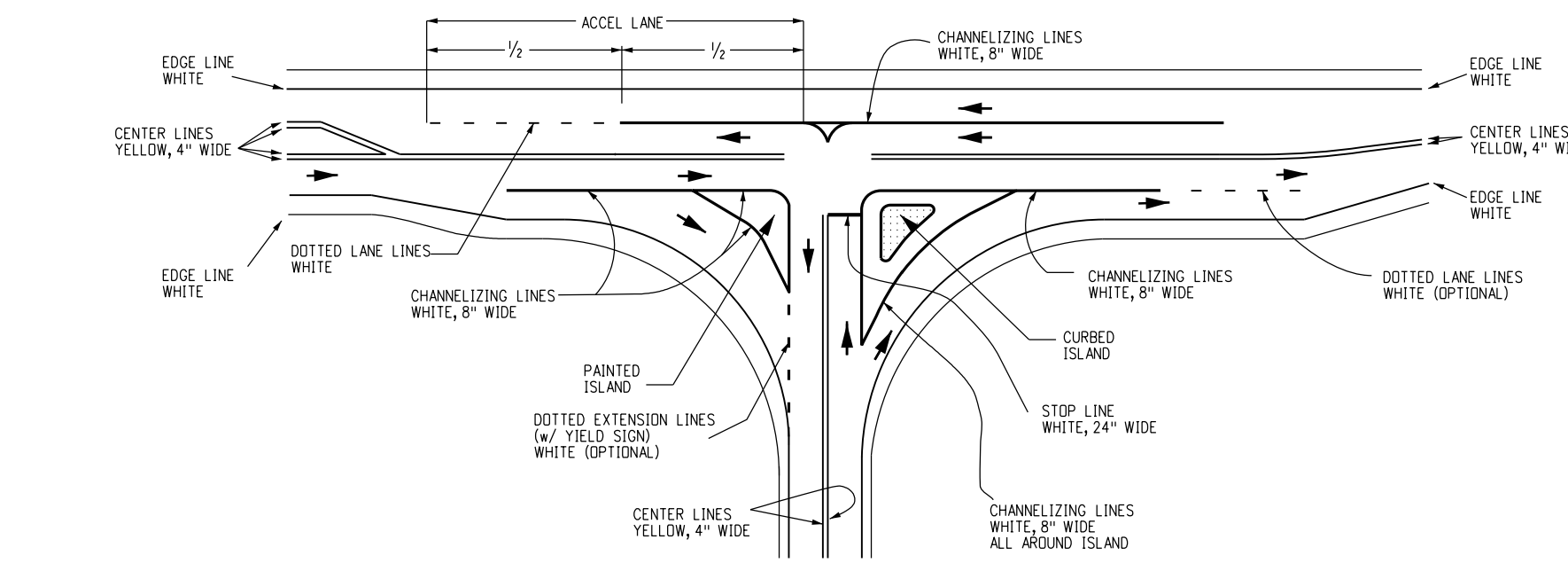
**PAVEMENT MARKINGS**

Issued By: Traffic & Safety Engineering Branch July 31, 2019

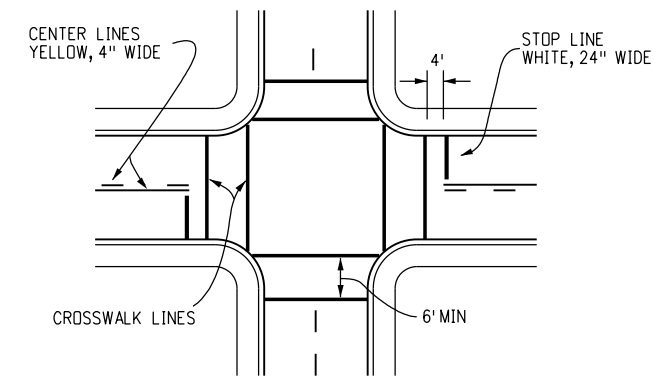
STANDARD PLAN NO.
S-627-1
Standard Sheet No. 2 of 9
Project Sheet Number:



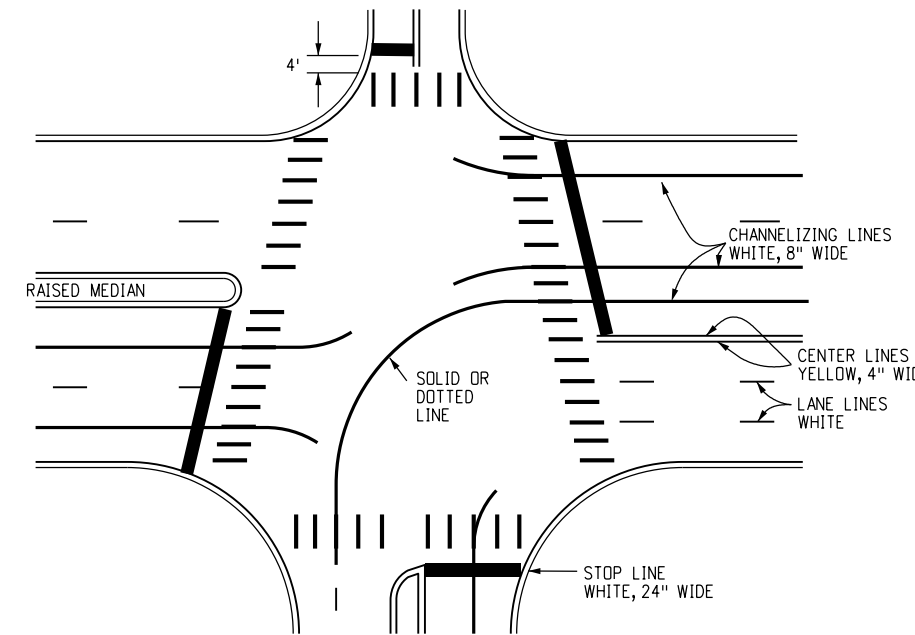
TYPICAL INTERSECTION MARKINGS



TYPICAL ISLAND MARKINGS

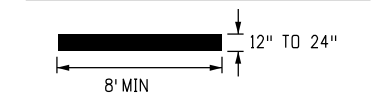


TYPICAL TRANSVERSE LINE CROSSWALK MARKINGS

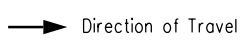


TYPICAL CONTINENTAL CROSSWALK MARKINGS

CROSSWALK LINE DETAIL



LEGEND




CONTINENTAL CROSSWALK NOTES

- CENTER CROSSWALKS ON CURB RAMPS. IF SUCH RAMPS ARE NOT PROVIDED, CENTER ON SIGNAL POLES WHEREVER PRACTICAL.
- CENTER CROSSWALKS ON EDGE LINES, LANE LINES AND CHANNELIZING LINES.
- CENTER CROSSWALKS BETWEEN ADJACENT LINES.
- MARKINGS SHALL NOT BE WITHIN WHEEL PATH OF VEHICLES.
- CENTER ON EXTENDED FLOW LINE.
- LINES AND SPACES TO APPROXIMATE ADJACENT PATTERN.

INTERSECTIONS, ISLANDS AND CROSSWALKS

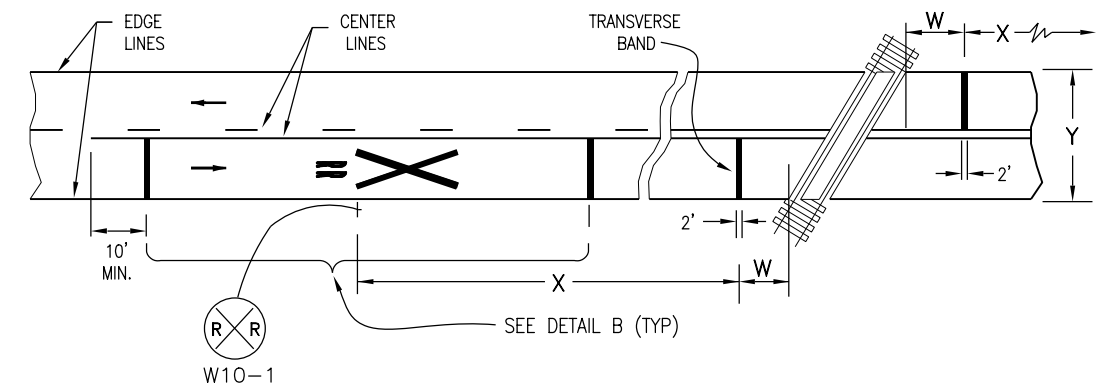
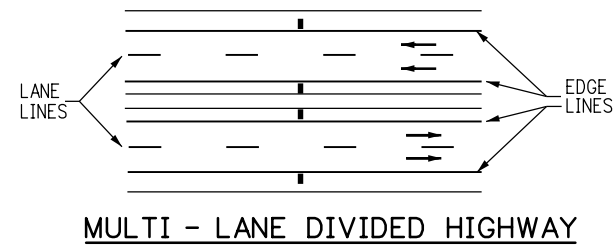
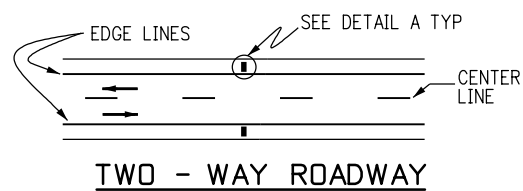
Computer File Information	
Creation Date:	07/04/12
Created By:	JSW
Last Modification Date:	07/22/22
Last Modified By:	EButta
CAD Ver.:	MicroStation V8
Scale:	Not to Scale Units: English

Sheet Revisions	
Date:	Comments
(R-3) 07/22/22	Changed Accel Lane Lines To Dotted Lane Lines
(R-2) 02/16/21	ADDED DEC TAPER TO TYPICAL ISLAND MARKINGS
(R-1) 04/17/20	LINE WIDTH & CROSSWALK NOTES UPDATE

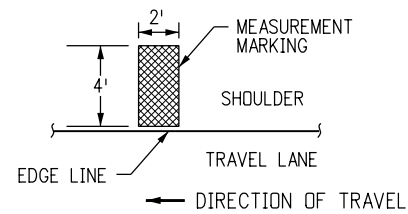
Colorado Department of Transportation  
 2829 W. Howard Pl.  
 Denver, CO 80204  
 Phone: 303-512-5102  
 FAX: 303-757-9219  
**Traffic & Safety Engineering** EB

**PAVEMENT MARKINGS**  
 Issued By: Traffic & Safety Engineering Branch July 31, 2019

STANDARD PLAN NO.
S-627-1
Standard Sheet No. 3 of 9
Project Sheet Number:

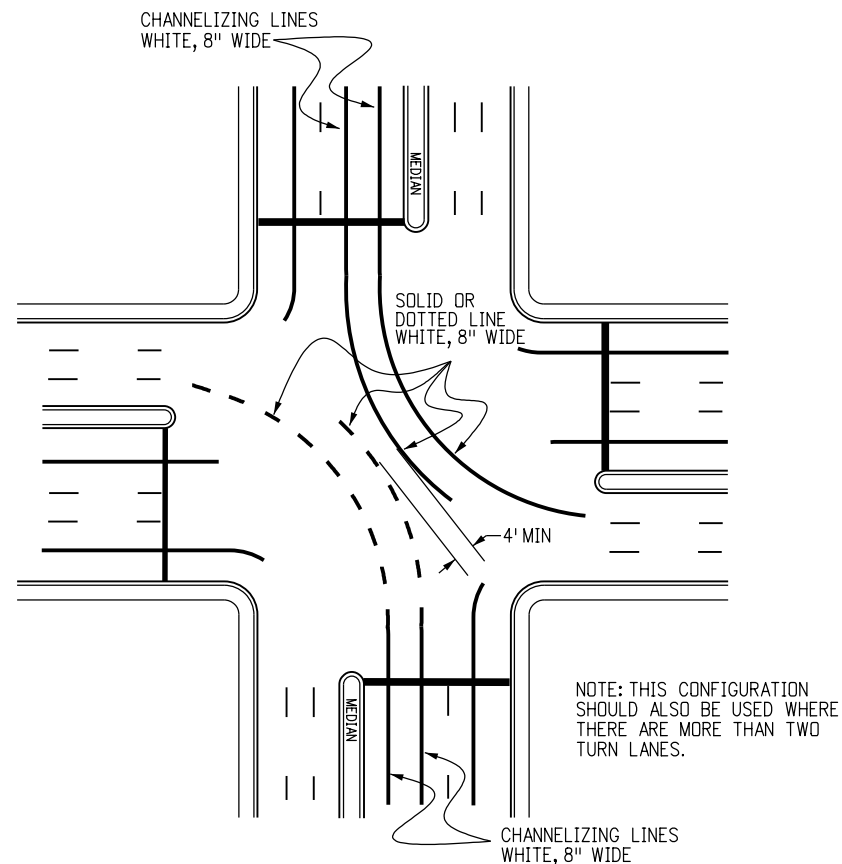


**TYPICAL PAVEMENT MARKING AT RAILROAD CROSSING**

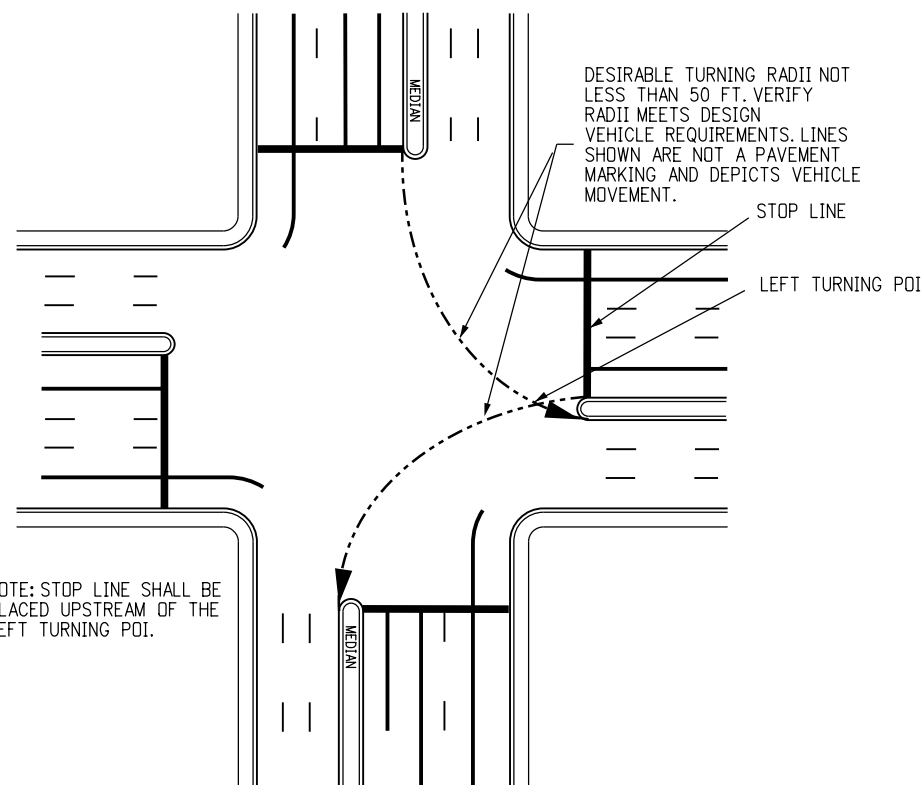


**DETAIL A**

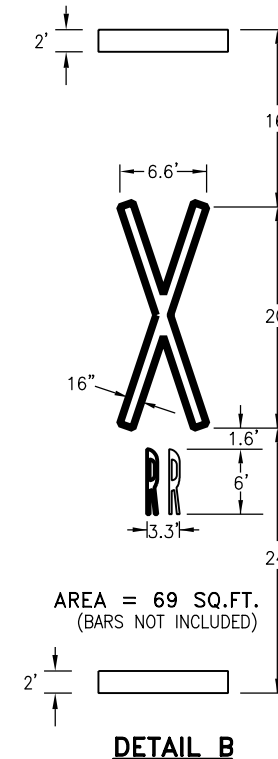
**TYPICAL SPEED MEASUREMENT MARKING**



**TYPICAL DOUBLE LEFT TURN MARKINGS**



**TYPICAL STOP LINE PLACEMENT**

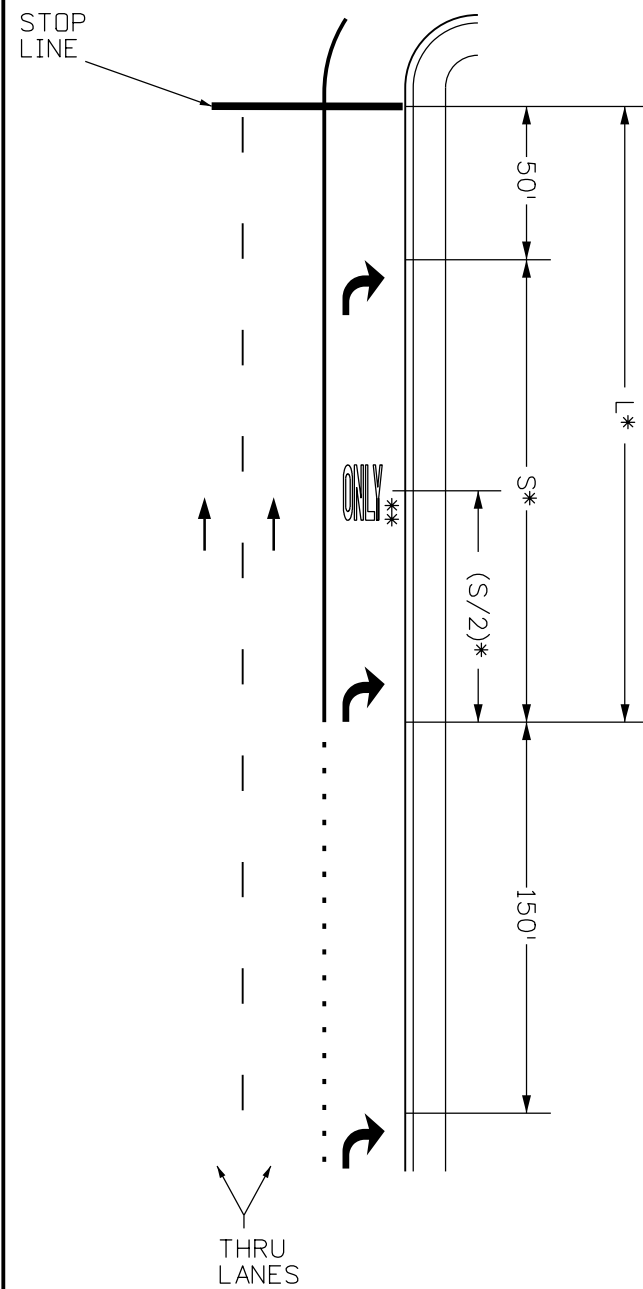


W= APPROXIMATELY 15 FT. (STOP LINE SHOULD BE 8' IN ADVANCE OF ACTIVE TRAFFIC CONTROL SYSTEMS; I.E., AUTOMATIC GATES AND/OR FLASHING SIGNALS).  
X= THE DISTANCE FROM THE RAILROAD CROSSING MARKING TO THE NEAREST TRACK WILL VARY ACCORDING TO THE APPROACH SPEED AND THE SIGHT DISTANCE OF THE VEHICULAR TRAFFIC APPROACHING, BUT NOT LESS THAN 100 FT. (REFERENCE NOTE 1).  
Y= ON MULTI-LANE ROADS THE TRANSVERSE BANDS SHOULD EXTEND ACROSS ALL APPROACH LANES, AND INDIVIDUAL RR SYMBOLS SHOULD BE USED IN EACH APPROACH LANE.

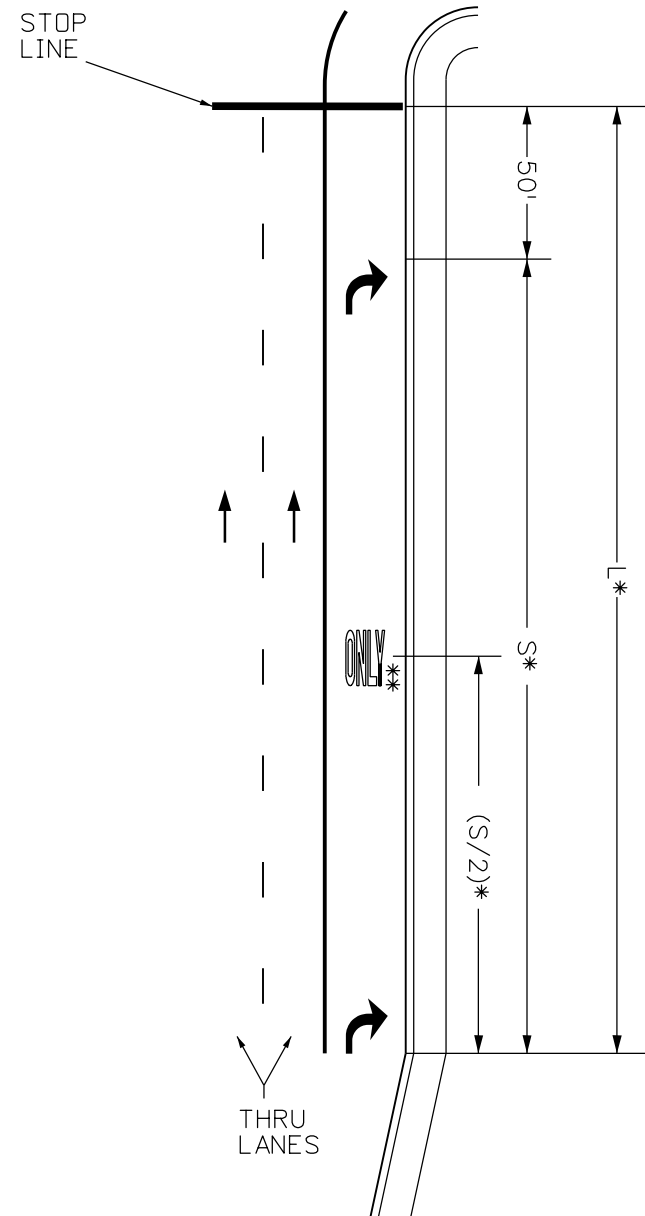
**NOTES**

1. THE WARNING SIGN SHALL BE PLACED ACCORDING TO THE WARNING SIGN PLACEMENT TABLE IN THE MUTCD (CHAPTER 2C, TABLE 2C-4). IF CONDITIONS DO NOT ALLOW PLACEMENT ACCORDING TO THE TABLE, IT SHALL BE AS APPROVED BY THE ENGINEER.
2. FOR RR SYMBOL DETAILS, REFER TO "THE STANDARD ALPHABETS FOR HIGHWAY SIGNS AND PAVEMENT MARKINGS", ADOPTED BY THE FEDERAL HIGHWAY ADMINISTRATION.

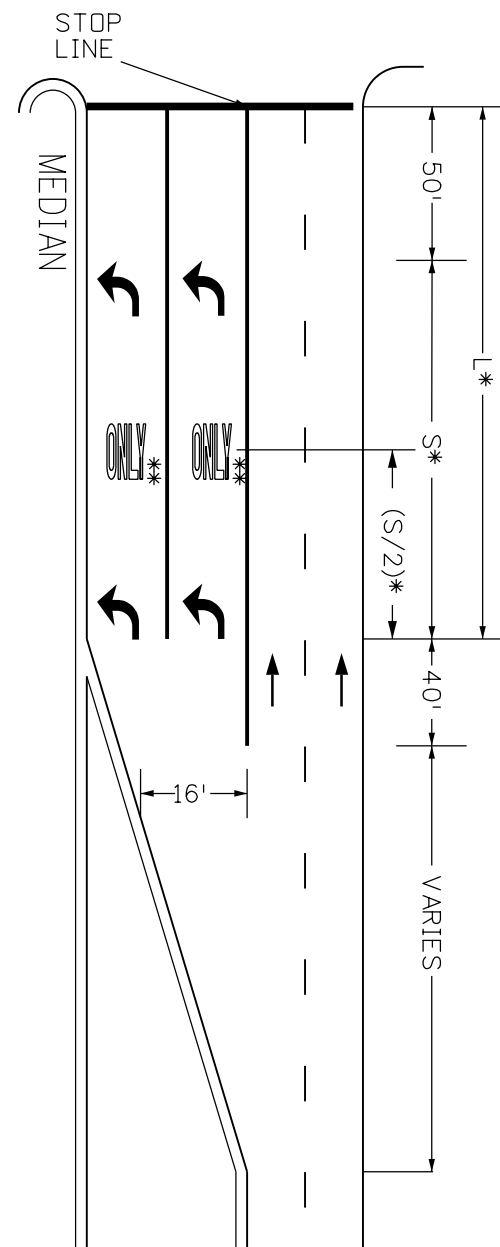
<b>Computer File Information</b>		<b>Sheet Revisions</b>		<b>Colorado Department of Transportation</b>		<b>PAVEMENT MARKINGS</b>	<b>STANDARD PLAN NO.</b>		
Creation Date: 07/04/12		Date:	Comments:	2829 W. Howard Pl. Denver, CO 80204 Phone: 303-757-9436 FAX: 303-757-9219			S-627-1		
Created By: SCL				Traffic & Safety Engineering		Issued By: Traffic & Safety Engineering Branch July 31, 2019	Standard Sheet No. 4 of 9		
Last Modification Date: 07/24/19				MKB			Project Sheet Number:		
Last Modified By: EButta									
CAD Ver.: MicroStation V8 Scale: Not to Scale Units: English									



LANE DROP



POCKET LANE



DOUBLE TURNING

**GENERAL NOTES**

1. THE SPACING, IN THE TABLE APPLIES TO LEFT & RIGHT TURN LANES.
2. \*\* 'ONLY' MARKING IS OPTIONAL. CONTACT REGION TRAFFIC ENGINEER FOR DIRECTION.
3. WHEN ONE (1) ARROW IS USED, IT SHALL BE PLACED AT THE BEGINNING OF THE FULL WIDTH TURN LANE, OTHERWISE USE THE TABLE BELOW FOR ARROW PLACEMENT.

LENGTH (L)	LEFT AND RIGHT TURN ARROW		NO. OF 'ONLY' PER LANE
	NO. OF ARROWS PER LANE	SPACING (S)	
L < 200'	1	NA	NA
200' - 350'	2	EVENLY SPACED BETWEEN 150'-300'	1
350' - 650'	3		2
650' - 950'	4		3
950' ≤	≥5		≥4

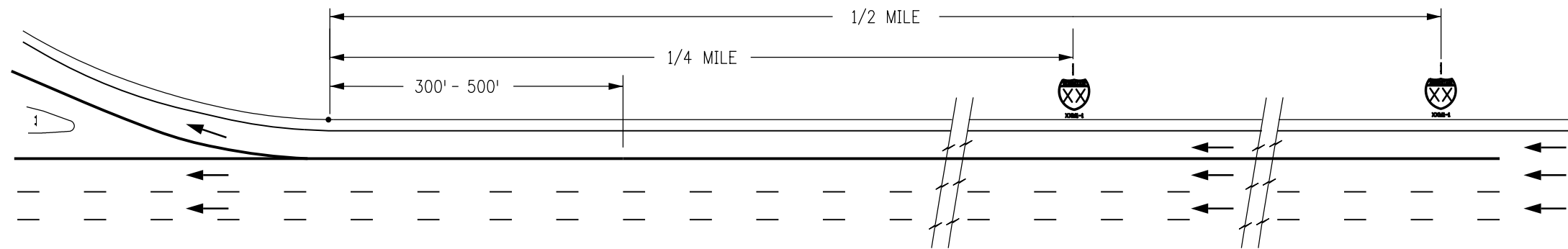
\*L (LENGTH) AND \*S (SPACING) PROVIDED IN THE TABLE ABOVE WILL HELP DETERMINE THE NUMBER OF ARROWS AND ONLY MARKINGS NEEDED PER LANE.

**LEGEND**

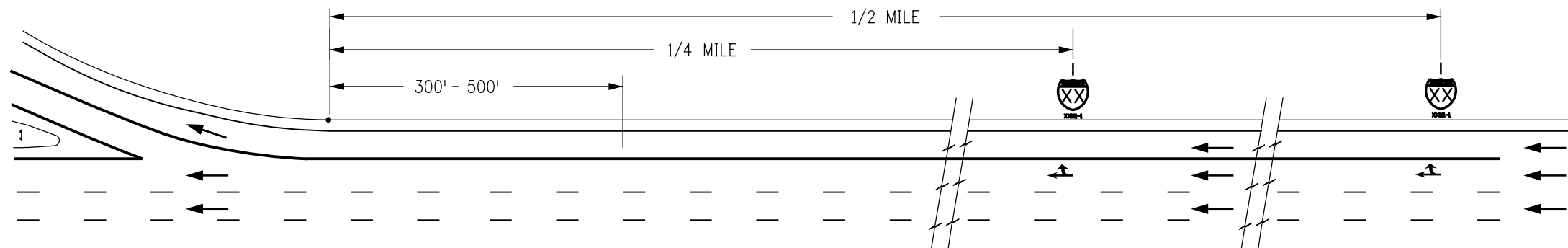
→ Direction of Travel

**ARROW PLACEMENTS AT INTERSECTIONS**

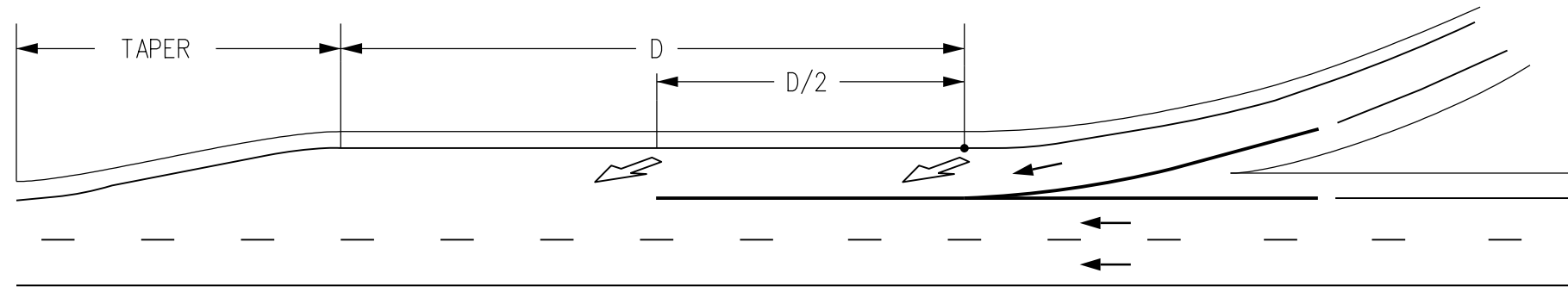
<b>Computer File Information</b> Creation Date: 02/08/17 Created By: MBhat Last Modification Date: 05/14/19 Last Modified By: EButta CAD Ver.: MicroStation V8 Scale: Not to Scale Units: English		<b>Sheet Revisions</b> <table border="1"> <tr> <th>Date:</th> <th>Comments</th> </tr> <tr> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> </tr> </table>		Date:	Comments							<b>Colorado Department of Transportation</b>  2829 W. Howard Pl. Denver, CO 80204 Phone: 303-757-9436 FAX: 303-757-9219 <b>Traffic &amp; Safety Engineering</b>		<b>PAVEMENT MARKINGS</b> Issued By: Traffic & Safety Engineering Branch July 31, 2019		<b>STANDARD PLAN NO.</b> S-627-1 <b>Standard Sheet No. 5 of 9</b> Project Sheet Number:	
Date:	Comments																
		<b>MKB</b>															



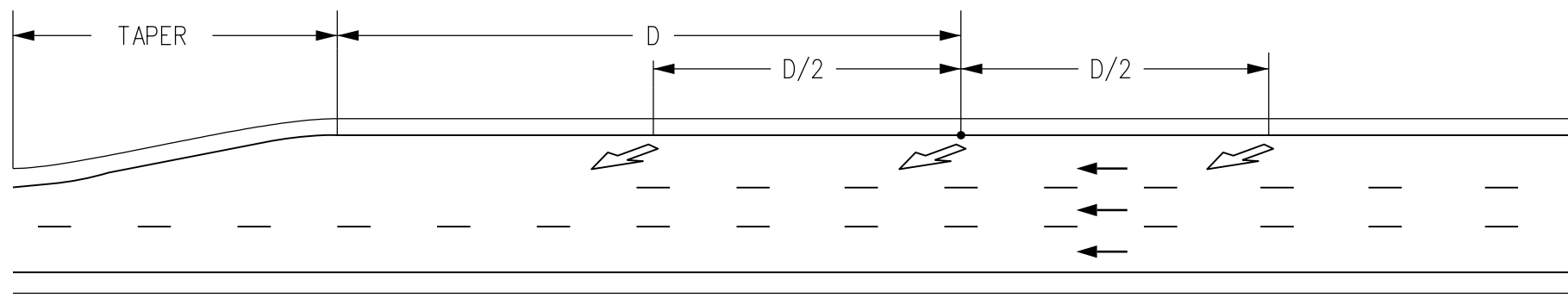
TYPICAL SHIELD PLACEMENT



TYPICAL SHIELD & OPTION ARROW PAVEMENT MARKING PLACEMENT



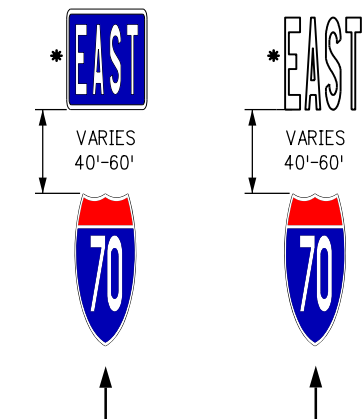
TRANSITION LANE MARKINGS



THRU LANE REDUCTION MARKINGS

LANE REDUCTION TRANSITION MARKINGS

SHIELD LAYOUT DETAIL



NOTES

D = THE DISTANCE FROM THE PAVEMENT WIDTH TRANSITION SIGN (W4-2) TO THE BEGINNING OF THE TRANSITION TAPER.

\* SEE GENERAL NOTE 2 ON SHEET 9.

LEGEND

← Direction of Travel

Computer File Information	
Creation Date:	02/08/17
Created By:	MBhat
Last Modification Date:	07/22/22
Last Modified By:	EButta
CAD Ver.: MicroStation V8 Scale: Not to Scale Units: English	

Sheet Revisions	
Date:	Comments
07/22/22	Lane Drop to Thru Lane Reduction Markings

Colorado Department of Transportation

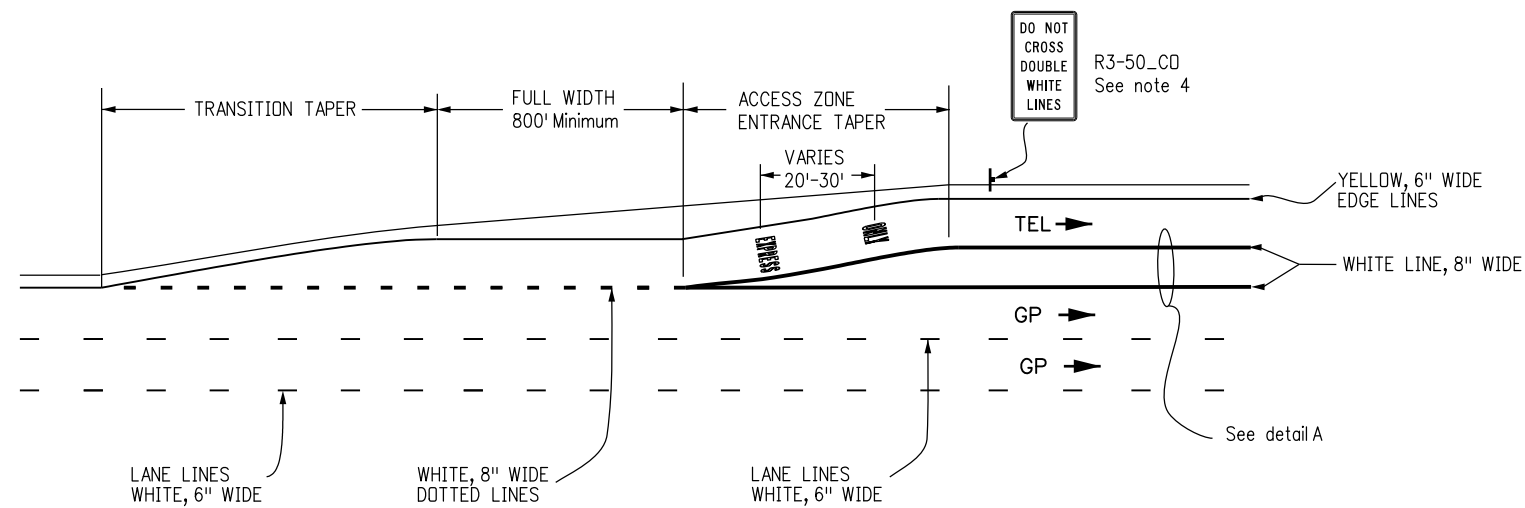
2829 W. Howard Pl.  
Denver, CO 80204  
Phone: 303-512-5102  
FAX: 303-757-9219

Traffic & Safety Engineering EB

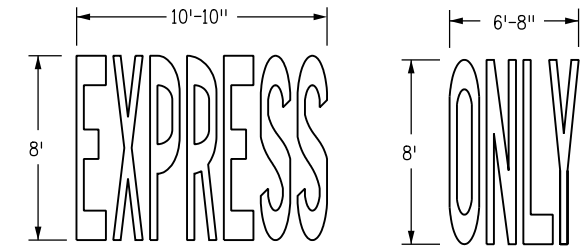
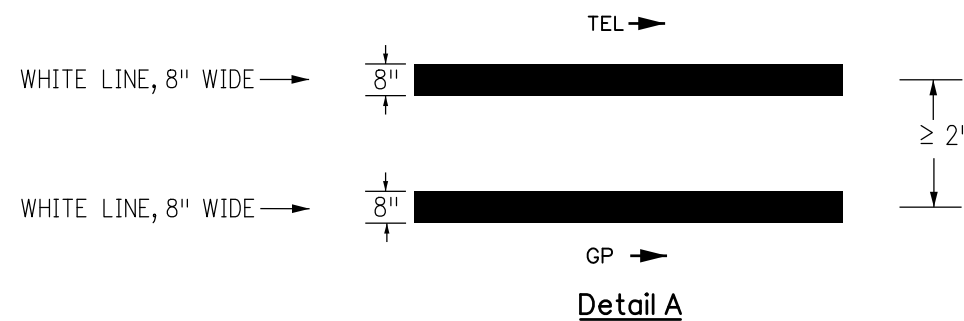
**PAVEMENT MARKINGS**

Issued By: Traffic & Safety Engineering Branch July 31, 2019

STANDARD PLAN NO.
S-627-1
Standard Sheet No. 6 of 9
Project Sheet Number:



**TYPICAL ENTRANCE MARKING FOR BUFFER WIDTH  $\geq 2'$  AND WHERE BUFFER CROSSING IS PROHIBITED**



**GENERAL NOTES**

- For transition taper use 25:1 ratio.
- For access zone entrance taper length use:
 
$$L = S \times W$$

L = MINIMUM LENGTH OF TAPER  
 S = DESIGN SPEED FOR NEW CONSTRUCTION OR NUMERICAL VALUE OF THE POSTED SPEED LIMIT  
 W = WIDTH TRANSITIONED
- If buffer space is wider than 4 feet, chevron markings are required (See MUCTD Section 3B.24 and figure 3D.2(A)).
- For each section prohibiting entering and exiting movements, the R3-50\_CD sign shall be installed within 300 feet of the start of the express lane. Additional R3-50\_CD signing shall be installed as shown in the plans.
- For each section prohibiting entering and exiting movements, an EXPRESS ONLY marking should be placed within 50 feet of the start of the express lane.
- EXPRESS ONLY markings should supplement the signs.

**TOLL EXPRESS LANE PAVEMENT MARKINGS**

<b>Computer File Information</b>		<b>Sheet Revisions</b>		Colorado Department of Transportation 2829 W. Howard Pl. Denver, CO 80204 Phone: 303-757-9436 FAX: 303-757-9219 <b>Traffic &amp; Safety Engineering</b> <b>MKB</b>	<b>PAVEMENT MARKINGS</b>	<b>STANDARD PLAN NO.</b>	
Creation Date: 07/31/19	(R-1)	<b>Date:</b>	<b>Comments</b>			S-627-1	
Created By: EButta		04/17/20	STRIPING LAYOUT & GENERAL NOTE UPDATE			Standard Sheet No. 7 of 9	
Last Modification Date: 04/17/20						Project Sheet Number:	
Last Modified By: EButta							
CAD Ver.: MicroStation V8 Scale: Not to Scale Units: English				Issued By: Traffic & Safety Engineering Branch July 31, 2019			

**WORD AND SYMBOL NOTES**

- IF HEIGHT IS INCREASED OR DECREASED THEN ALL MEASUREMENTS CHANGE PROPORTIONATELY. EXAMPLE: "H" MEASUREMENT FOR STOP IS REDUCED TO 4 FT. FROM 8 FT. THEN SQUARE FEET 5.75 (1/4 OF 23.0 SQ. FT.).
- PAVEMENT WORD AND SYMBOL MARKINGS, TRANSVERSE AND LONGITUDINAL (CONTINENTAL) CROSSWALK LINES, AND STOP LINES WILL BE PAID FOR IN SQUARE FEET USING THEIR SPECIFIC BID ITEMS.
- LETTER SPACING SHALL BE 8 IN. EXCEPT FOR THE LETTER "A" WHICH IS 6 IN..
- USE THE MARKING WORD "BIKE" IF 6 FT. TO 8 FT. BIKE LANES ARE INSTALLED.

**TAPERING NOTES**

- ALL PAVEMENT MARKING APPROACH EDGES FROM THE VEHICLE DIRECTION OF TRAVEL SHALL BE TAPERED USING A PUTTY KNIFE OR SIMILAR TOOL.

**DESIGNATED PAYMENT AREAS**

FOR THE FOLLOWING H, W, AND S DIMENSIONS PAY:

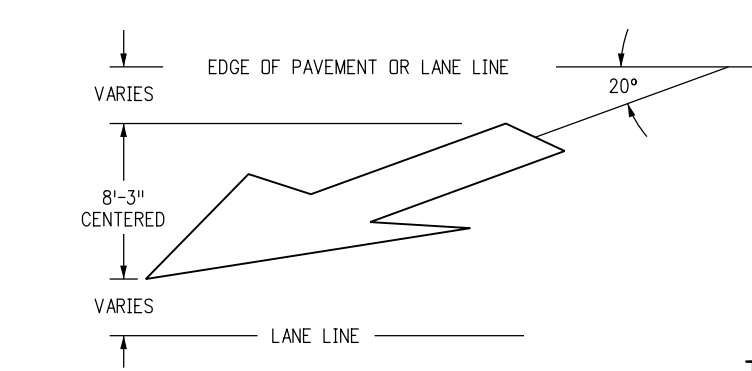
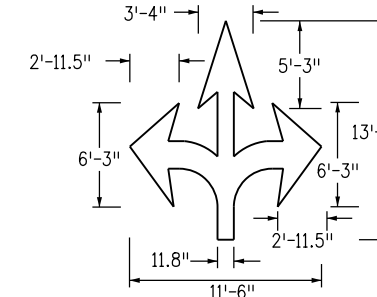
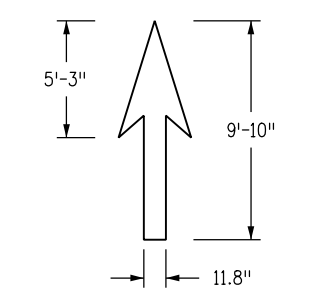
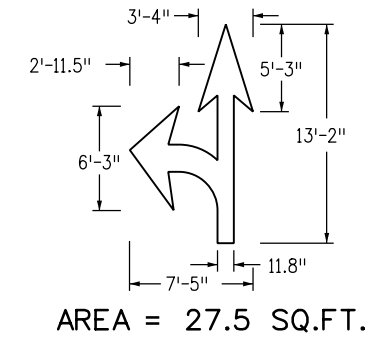
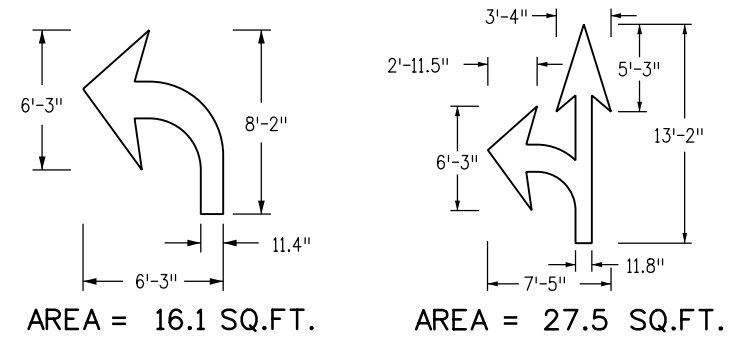
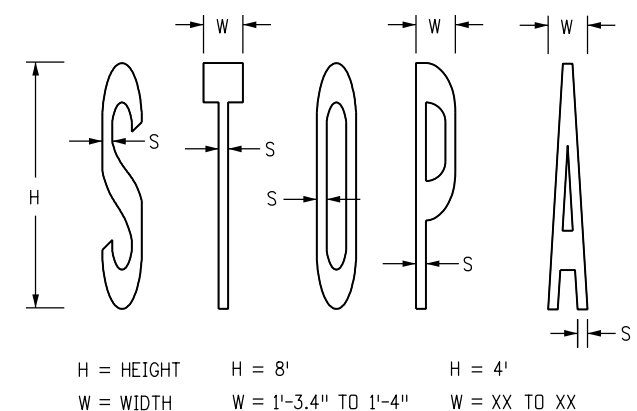
**H = 4' WORDS**

- BIKE - 5.5 SQ.FT.
- LANE - 6.0 SQ.FT.
- ONLY - 6.0 SQ.FT.
- XING - 5.0 SQ.FT.

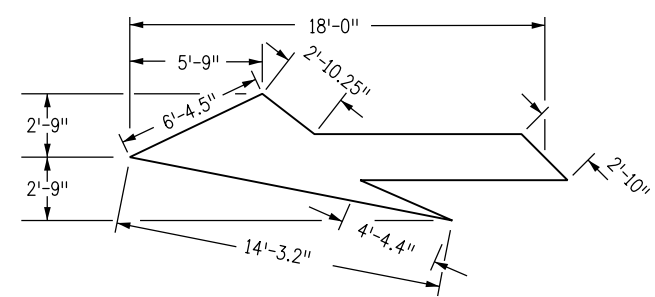
**H = 8' WORDS**

- STOP - 23.0 SQ.FT.
- ONLY - 22.5 SQ.FT.
- AHEAD - 29.0 SQ.FT.
- BUS - 18.5 SQ.FT.
- SCHOOL(1L) - 33.0 SQ.FT.
- SCHOOL(2L) - 85.0 SQ.FT.
- NORTH - 30.6 SQ.FT.
- EAST - 22.1 SQ.FT.
- X with RR - 69 SQ.FT.
- YIELD - 23 SQ.FT.
- XING - 20.0 SQ.FT.
- LANE - 22.5 SQ.FT.
- BIKE - 21.0 SQ.FT.
- HWY - 16.5 SQ.FT.
- THRU - 22.0 SQ.FT.
- PED - 17.5 SQ.FT.
- SOUTH - 28.5 SQ.FT.
- WEST - 23.7 SQ.FT.
- EXPRESS - 41 SQ.FT.

**TYPICAL LETTER MEASUREMENTS**

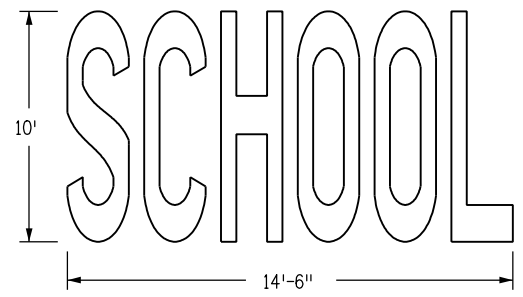
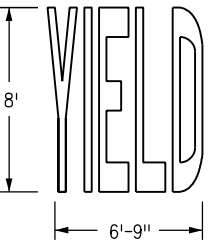
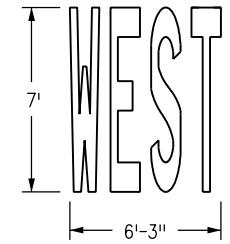
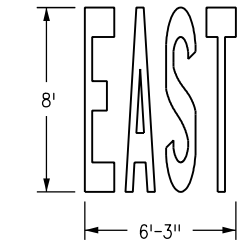
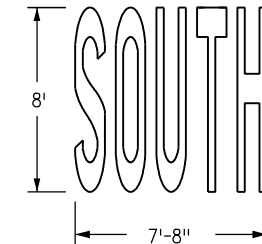
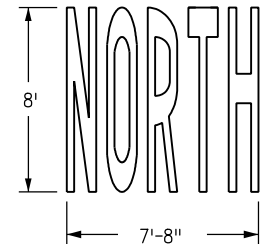
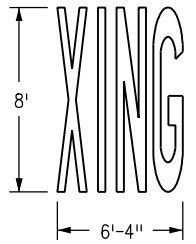
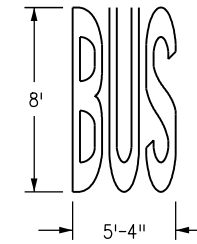
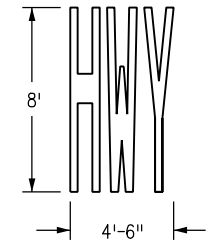
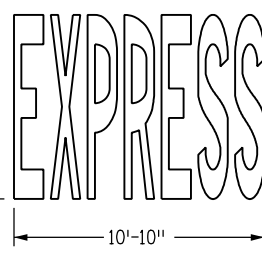
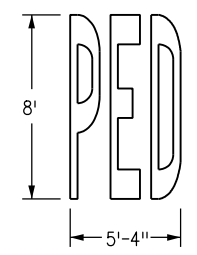
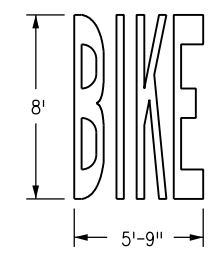
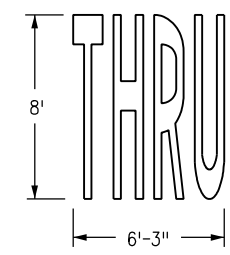
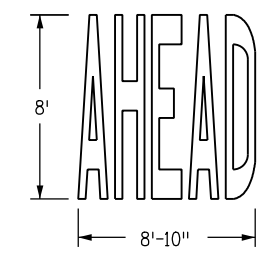
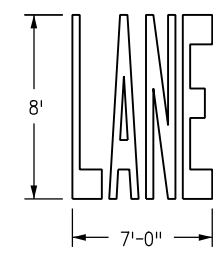
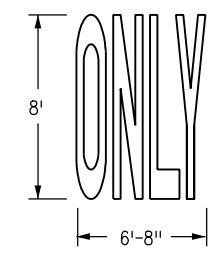
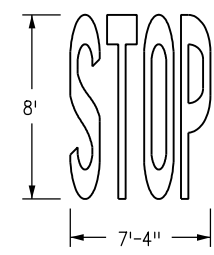


TYPICAL APPROACH EDGE TAPERING VIEW

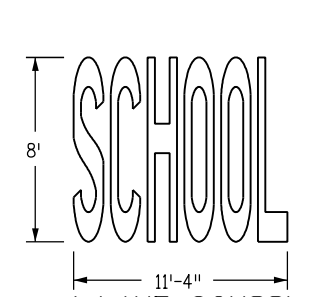


TYPICAL APPROACH EDGE TAPERING PROFILE VIEW

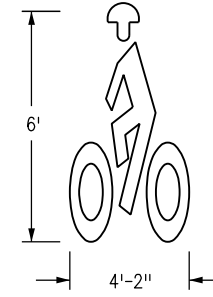
AREA = 58 SQ.FT.



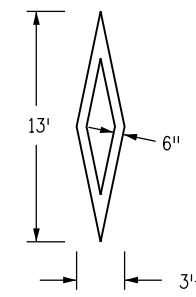
STROKE = 8"  
2-LANE SCHOOL



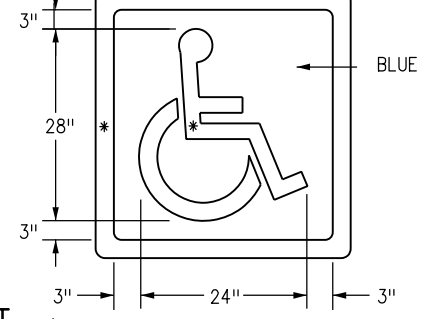
1-LANE SCHOOL



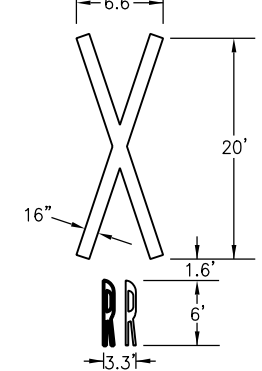
AREA = 11.9 SQ.FT.



AREA = 10 SQ.FT.



\* WHITE 3" STROKE WIDTH (BORDER MAY BE 4" STROKE WIDTH)



**PAVEMENT MARKING WORDS AND SYMBOLS**

**Computer File Information**

Creation Date: 07/04/12
Created By: SCL
Last Modification Date: 07/31/19
Last Modified By: EButta
CAD Ver.: MicroStation V8 Scale: Not to Scale Units: English

**Sheet Revisions**

Date:	Comments

Colorado Department of Transportation

2829 W. Howard Pl.  
Denver, CO 80204  
Phone: 303-757-9436  
FAX: 303-757-9219

Traffic & Safety Engineering MKB

**PAVEMENT MARKINGS**

Issued By: Traffic & Safety Engineering Branch July 31, 2019

**STANDARD PLAN NO.**

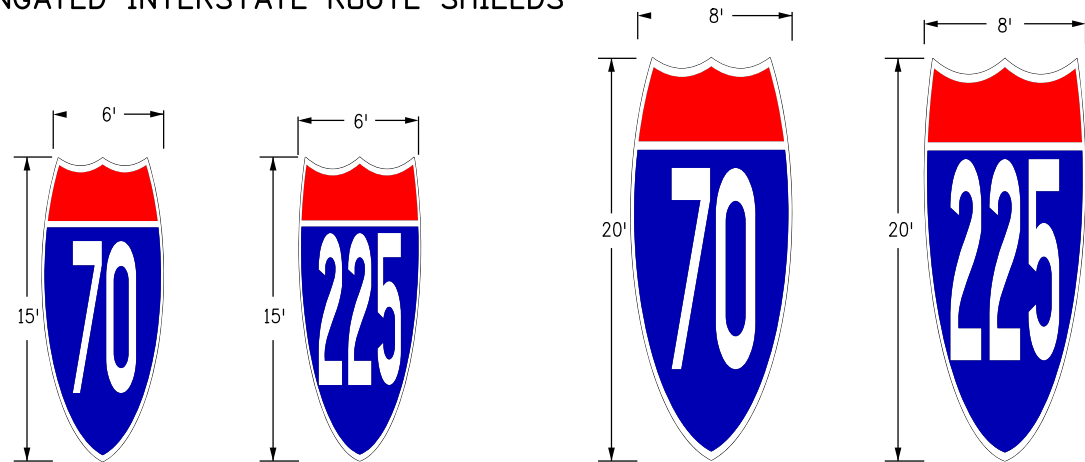
S-627-1

**Standard Sheet No. 8 of 9**

Project Sheet Number:



**ELONGATED INTERSTATE ROUTE SHIELDS**



**DESIGNATED PAYMENT AREAS**

FOR THE FOLLOWING ROUTE SHIELDS & CARDINAL DIRECTIONS DIMENSIONS PAY:

**INTERSTATE**  
6' X 15' - 75 SQ.FT.      8' X 20' - 128 SQ.FT.

**COLORADO STATE**  
6' X 15' - 90 SQ.FT.      8' X 20' - 160 SQ.FT.

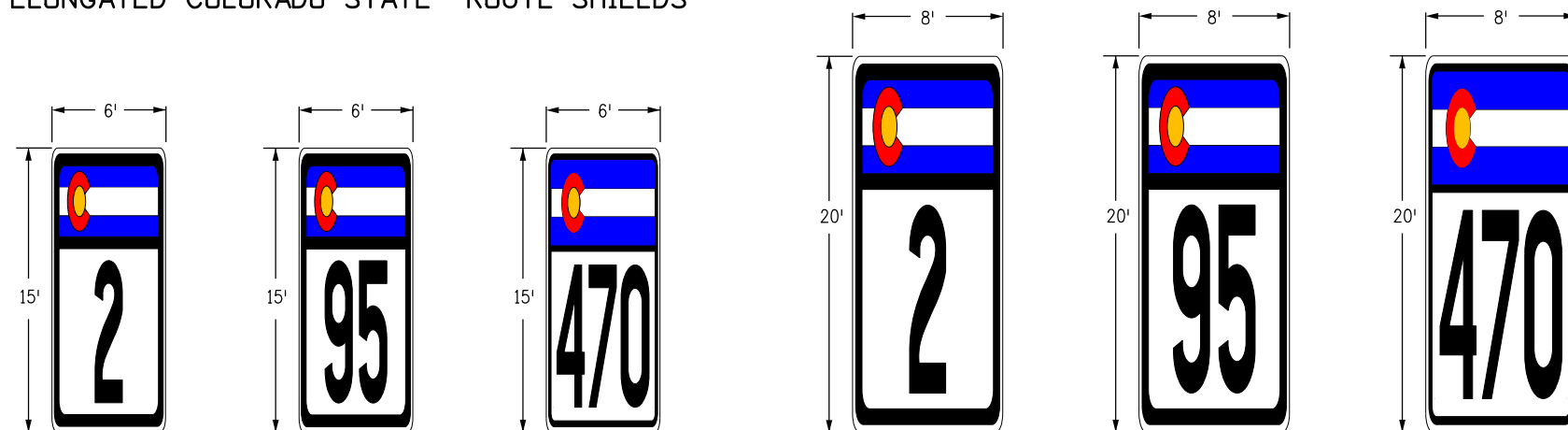
**US HIGHWAYS**  
7' X 16' - 112 SQ.FT.      9' X 21' - 189 SQ.FT.

**CARDINAL**  
8' X 10' - 80 SQ.FT.      9' X 10' - 90 SQ.FT.

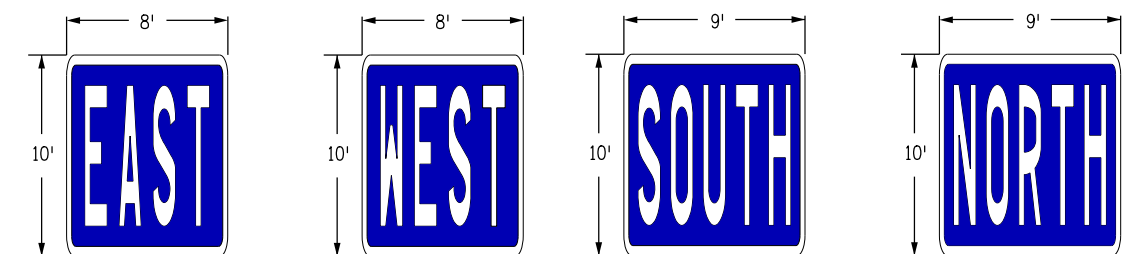
**GENERAL NOTES**

- DIMENSIONS**  
ELONGATED ROUTE SHIELDS SHALL BE AT LEAST 8'x20' WHEN USED ON HIGH SPEED ROADWAYS (55 MPH OR MORE).  
PER FIGURE 3B-25 OF THE 2009 MUTCD ELONGATED ROUTE SHIELD COLORS SHALL CONFORM WITH THE STANDARD HIGHWAY SIGNS AND MARKINGS BOOK.
- CARDINAL DIRECTIONS**  
USE CARDINAL DIRECTIONS WITH WHITE ON BLUE WHEN USING INTERSTATE ROUTE SHIELDS  
USE CARDINAL DIRECTIONS WITH BLACK ON WHITE WHEN USING EITHER COLORADO STATE OR US HIGHWAY ROUTE SHIELDS.  
CARDINAL DIRECTION MARKING WORD SYMBOL FROM PAGE 8 OF 9 MAY BE USED INSTEAD OF PLAQUE.

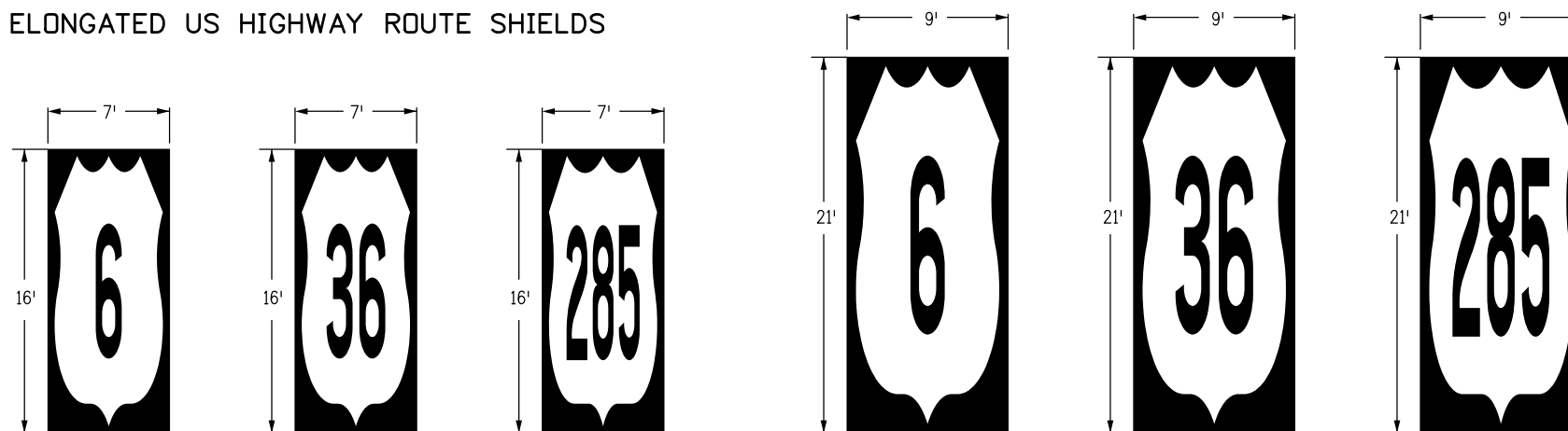
**ELONGATED COLORADO STATE ROUTE SHIELDS**



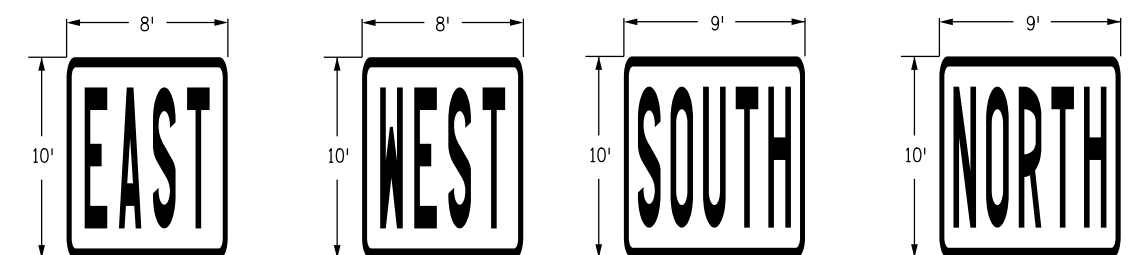
**CARDINAL DIRECTIONS (WHITE LETTERING ON BLUE BACKGROUND)**



**ELONGATED US HIGHWAY ROUTE SHIELDS**



**CARDINAL DIRECTIONS (BLACK LETTERING ON WHITE BACKGROUND WITH BLACK BORDER)**



**ELONGATED ROUTE SHIELDS & CARDINAL DIRECTION MARKINGS**

<b>Computer File Information</b>		<b>Sheet Revisions</b>		Colorado Department of Transportation  2829 W. Howard Pl. Denver, CO 80204 Phone: 303-757-9436 FAX: 303-757-9219 Safety & Traffic Engineering      MKB	<b>PAVEMENT MARKINGS</b>	STANDARD PLAN NO.
Creation Date: 02/08/17	Date: 02/16/21	Comments: GENERAL NOTE UPDATE	S-627-1			
Created By: MBhat			Standard Sheet No. 9 of 9			
Last Modification Date: 02/16/21			Project Sheet Number:			
Last Modified By: EButta						
CAD Ver.: MicroStation V8 Scale: Not to Scale Units: English					Issued By: Traffic & Safety Engineering Branch July 31, 2019	