

GENERAL NOTES

1. MINIMUM LONGITUDINAL PAVEMENT MARKING WIDTH

Facility Type	Speed	Edge Lines	Lane Lines	Center Lines ¹	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"


¹Applies 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.
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 RAMP).
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. DASHED LANE LINES
BROKEN WHITE, 4 OR 6 INCHES WIDE-3 FEET SEGMENTS WITH 12 FEET GAPS. LINE WIDTH SHALL MATCH THE ADJACENT LANE LINE.
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		Sheet Revisions		Colorado Department of Transportation	PAVEMENT MARKINGS	STANDARD PLAN NO.	
Creation Date: 07/04/12		Date:	Comments			S-627-1	
Created By: SCL	(R-6)	12/20/24	DASHED LANE LINE UPDATE	 2829 W. Howard Pl. Denver, CO 80204 Phone: 303-757-9654 FAX: 303-757-9219		Standard Sheet No. 1 of 11	
Last Modification Date: 12/20/24	(R-5)	04/30/24	FORMATTING				
Last Modified By: NRIVERA	(R-4)	04/14/23	UPDATED NUMBER OF SHEETS				
CAD Ver.: MicroStation V8 Scale: Not to Scale Units: English	(R-3)	07/22/22	PARALLEL DECEL LANE AND NOTES UPDATE				
				Traffic Safety & Engineering	EB	Issued By: Traffic Safety & Engineering Branch July 31, 2019	
						Project Sheet Number:	

GENERAL NOTES

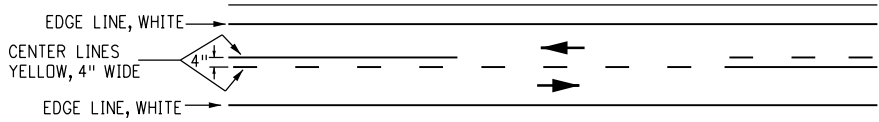
(CONTINUED FROM SHEET NO. 1)

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. YIELD LINES
a. SOLID WHITE, THE INDIVIDUAL TRIANGLES COMPRISING YIELD LINES SHALL HAVE A BASE OF 12 TO 24 INCHES WIDE AND A HEIGHT EQUAL TO 1.5 TIMES THE BASE AND SHALL BE PARALLEL TO THE INTERSECTED ROADWAY ACROSS ALL APPROACH LANES OR AS INDICATED AT LOCATIONS ON THE PLANS.
- b. THE SPACE BETWEEN EACH TRIANGLE SHALL BE 3 TO 12 INCHES.
14. 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.
15. 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.
16. 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, $L= \frac{WS^2}{60}$
17. 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.
18. SPEED MEASURING MARKING
SOLID WHITE, 24 INCHES EXTEND 4 FEET FROM OUTSIDE OF EDGE LINES ON SHOULDERS.
19. ALL SPACING IS DETERMINED CENTER ON CENTER EXCEPT FOR DOUBLE LINES.

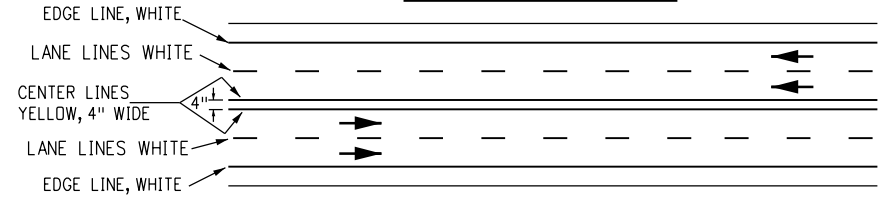
▲ NOTE:
AP = ADVANCE PLACEMENT DISTANCE FROM THE LANE ENDS SIGN (W4-2) TO THE BEGINNING OF THE MERGING TAPER. SEE SECTION 2C OF THE MUTCD FOR ADVANCE PLACEMENT DISTANCES.

LEGEND

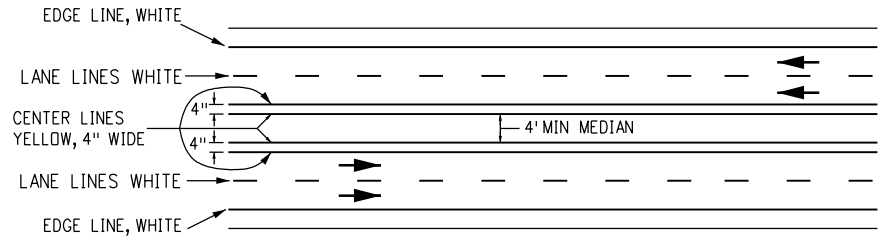
➔ Direction of Travel



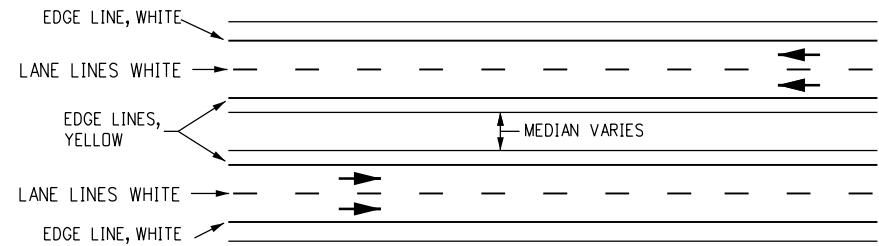
TWO LANE HIGHWAY



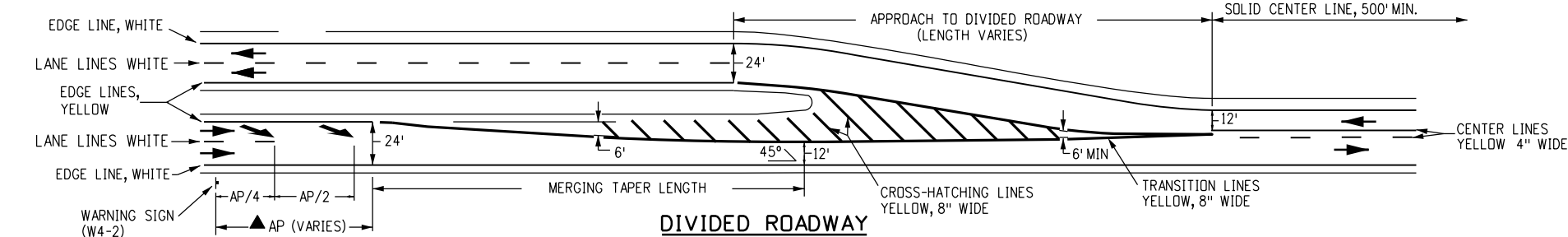
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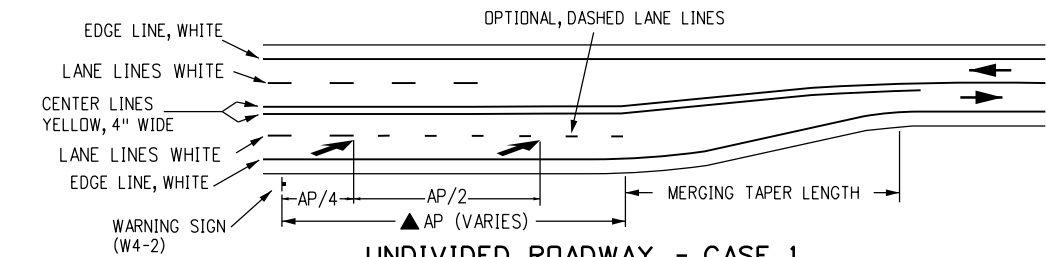
FOUR LANE PAINT DIVIDED HIGHWAY



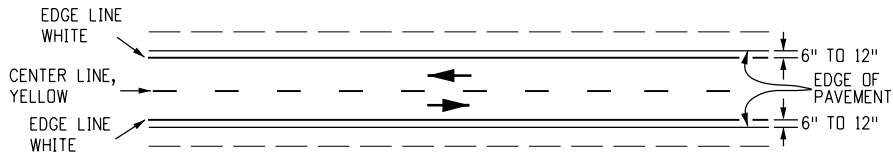
FOUR LANE DIVIDED HIGHWAY



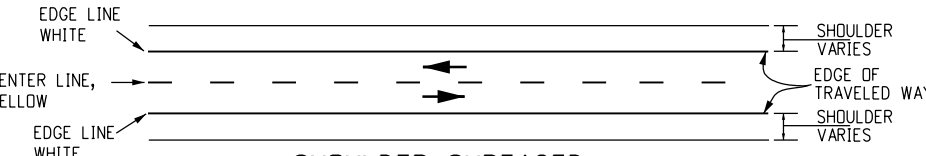
DIVIDED ROADWAY



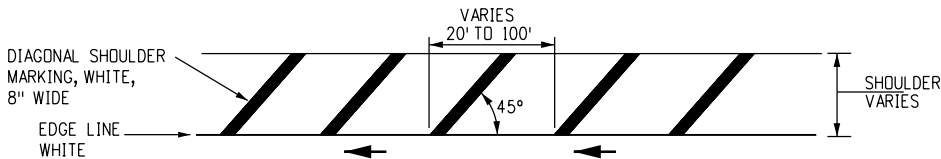
UNDIVIDED ROADWAY - CASE 1



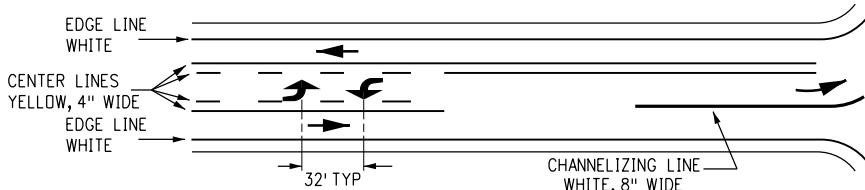
NO SHOULDER OR UNSURFACED SHOULDER



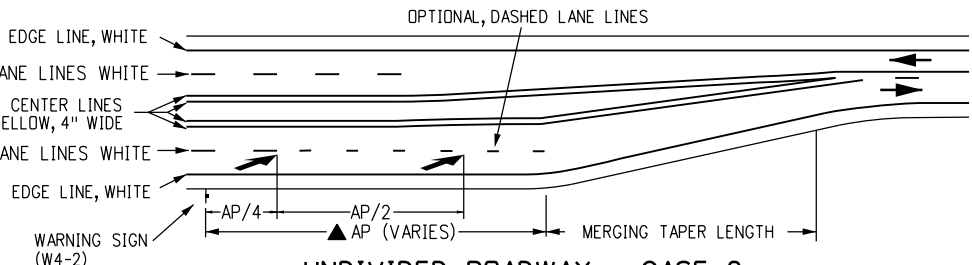
SHOULDER SURFACED



EDGE LINE WITH OPTIONAL DIAGONAL SHOULDER MARKING




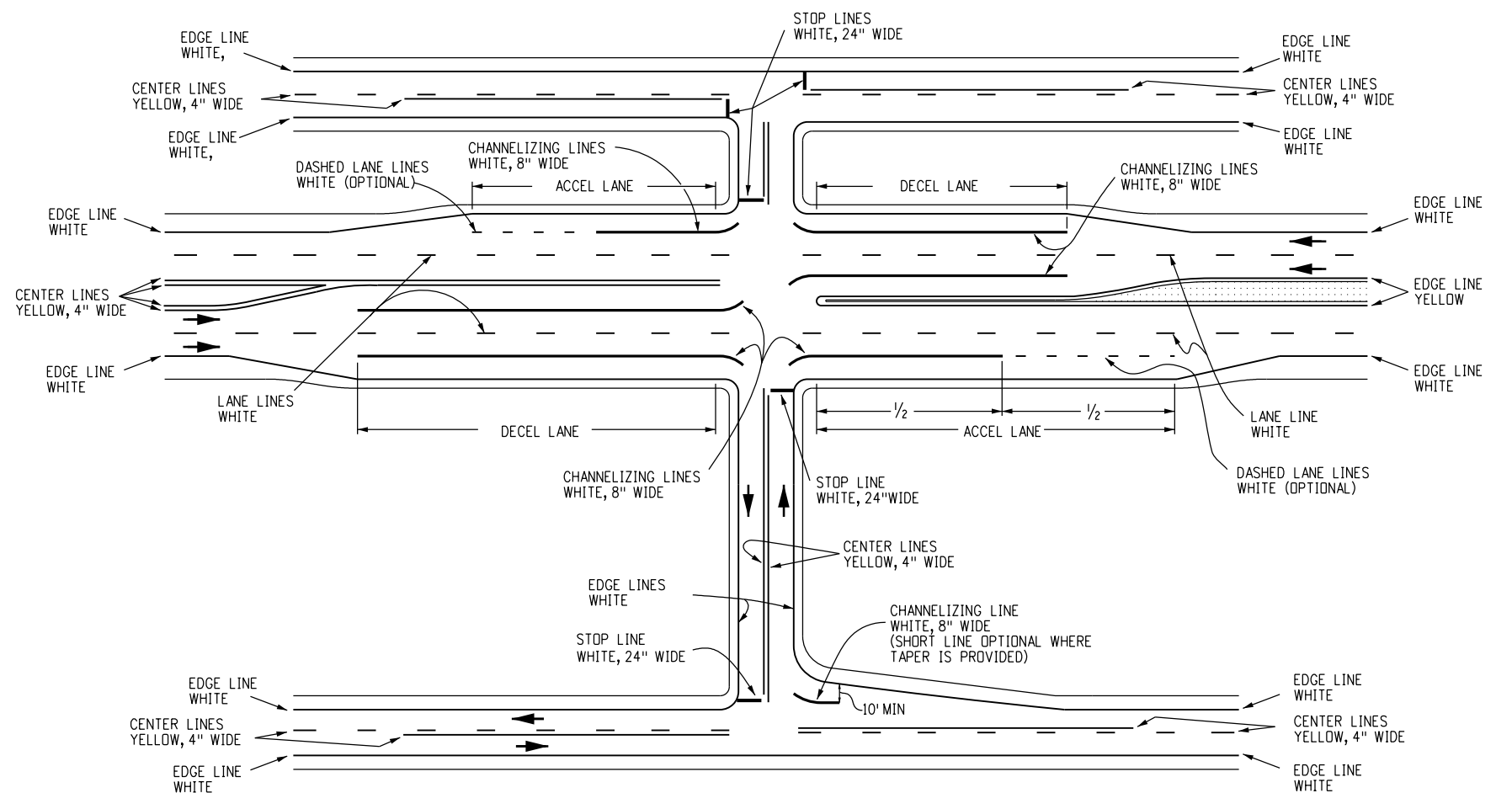
TYPICAL TWO WAY LEFT TURN LANE



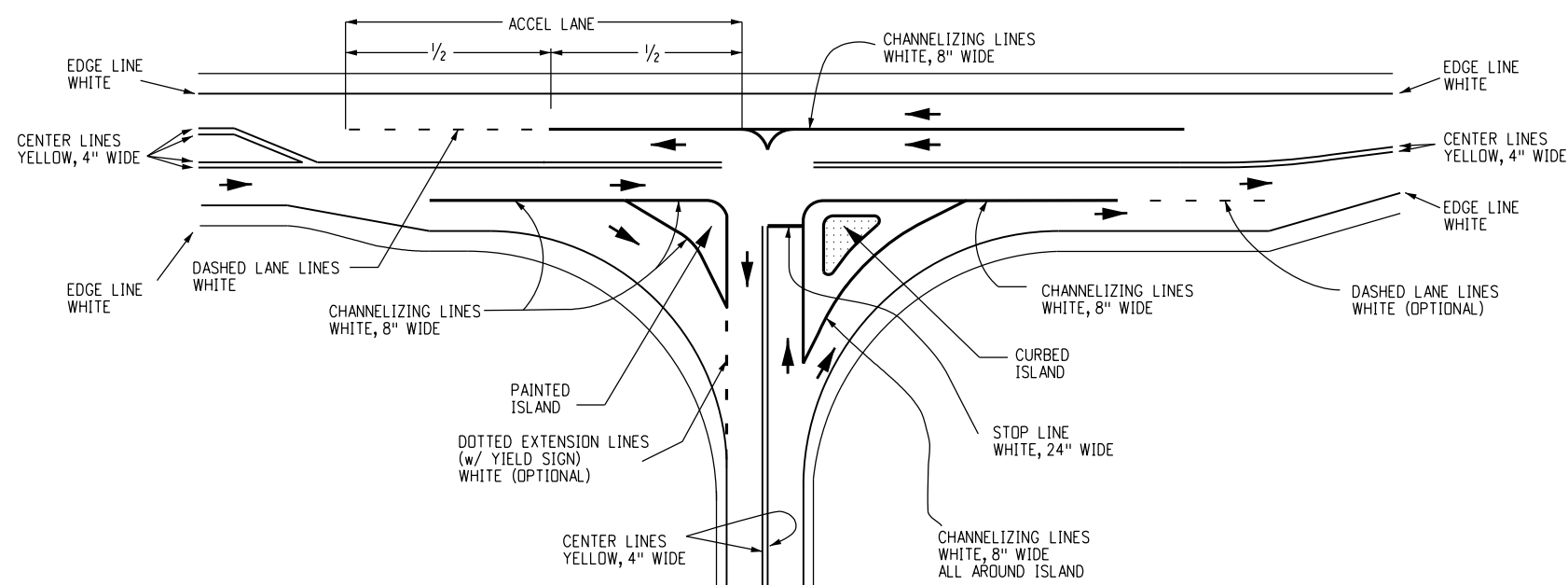
UNDIVIDED ROADWAY - CASE 2

TYPICAL PAVEMENT WIDTH TRANSITION MARKINGS

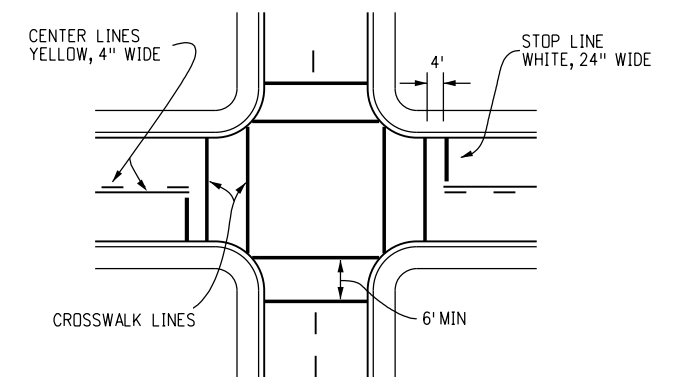
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Creation Date: 07/04/12		Date:	Comments	 2829 W. Howard Pl. Denver, CO 80204 Phone: 303-757-9654 FAX: 303-757-9219	EB		S-627-1
Created By: KEN	(R-6)	12/20/24	UPDATE DASHED LANE LINES				Standard Sheet No. 2 of 11
Last Modification Date: 12/20/24	(R-5)	04/30/24	LANE REDUCTION ARROWS ADDED UPDATED UNDIVIDED AND DIVIDED ROADWAY			Issued By: Traffic Safety & Engineering Branch July 31, 2019	Project Sheet Number:
Last Modified By: NRIVERA	(R-4)	04/14/23	ADD GENERAL NOTE 13 & UPDATE NUMBER OF SHEETS				
CAD Ver.:MicroStation V8	Scale:Not to Scale	Units: English	(R-3)	07/22/22	GENERAL NOTES UPDATE		



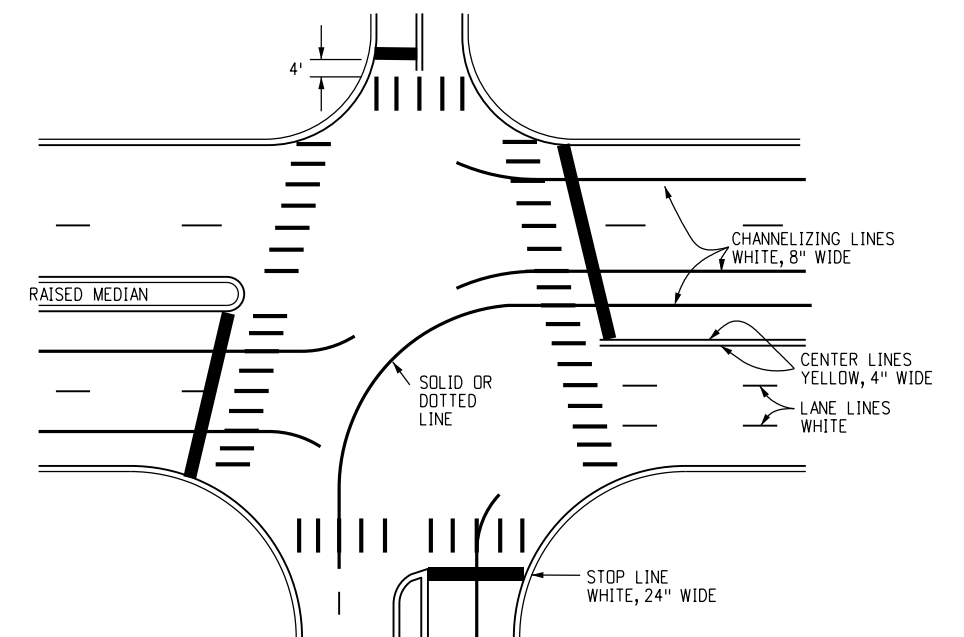
TYPICAL INTERSECTION MARKINGS



TYPICAL ISLAND MARKINGS

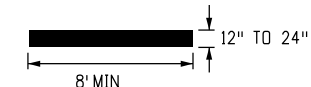


TYPICAL TRANSVERSE LINE CROSSWALK MARKINGS



TYPICAL CONTINENTAL CROSSWALK MARKINGS

CROSSWALK LINE DETAIL




LEGEND

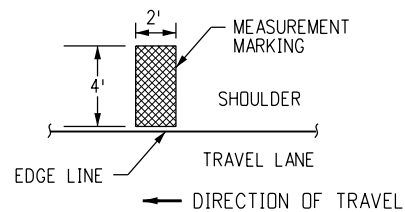
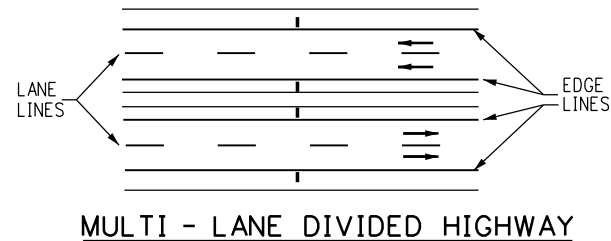
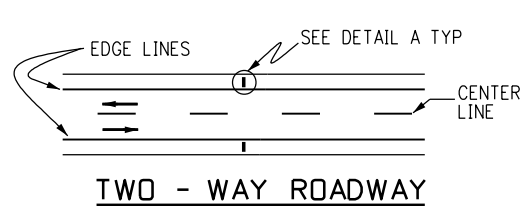
➔ Direction of Travel

CONTINENTAL CROSSWALK NOTES

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

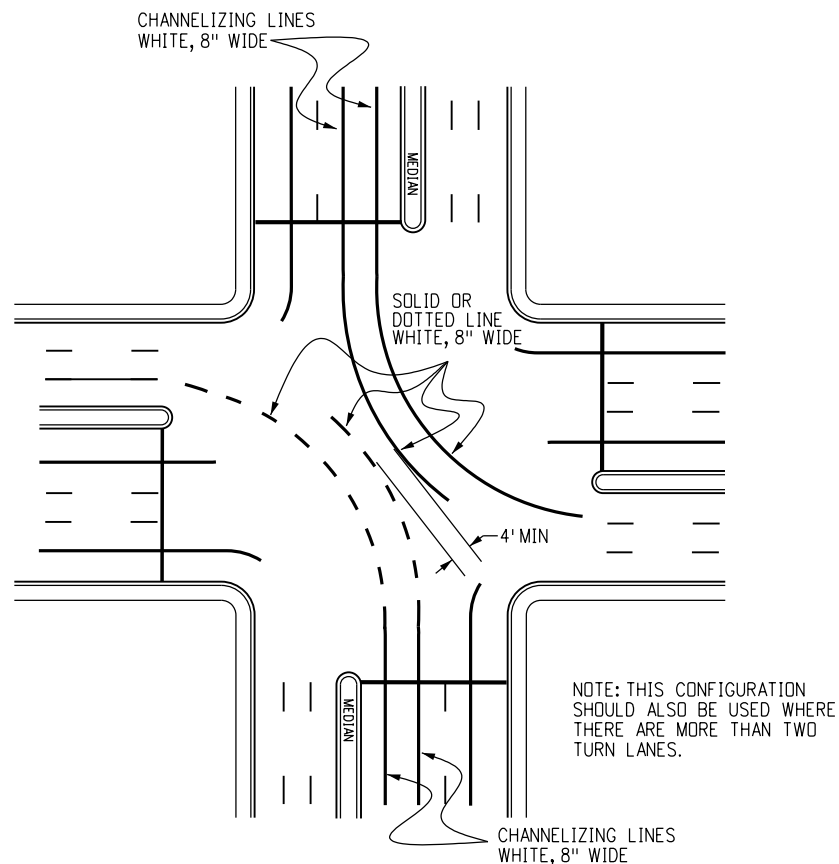
INTERSECTIONS, ISLANDS AND CROSSWALKS

Computer File Information		Sheet Revisions		<div> <div>Colorado Department of Transportation</div> <div>  <div> 2829 W. Howard Pl. Denver, CO 80204 Phone: 303-757-9654 FAX: 303-757-9219 </div> </div> <div>Traffic Safety & Engineering</div> <div>EB</div> </div>	PAVEMENT MARKINGS		STANDARD PLAN NO.	
Creation Date: 07/04/12		Date:	Comments		S-627-1		Standard Sheet No. 3 of 11	
Created By: JSW	(R-5)	12/20/24	UPDATED DASHED LANE LINES		Issued By: Traffic Safety & Engineering Branch July 31, 2019		Project Sheet Number:	
Last Modification Date: 12/20/24	(R-4)	04/14/23	UPDATED NUMBER OF SHEETS					
Last Modified By: NRIVERA	(R-3)	07/22/22	Changed Accel Lane Lines To Dotted Lane Lines					
CAD Ver.: MicroStation V8 Scale: Not to Scale Units: English	(R-2)	02/16/21	ADDED DEC TAPER TO TYPICAL ISLAND MARKINGS					

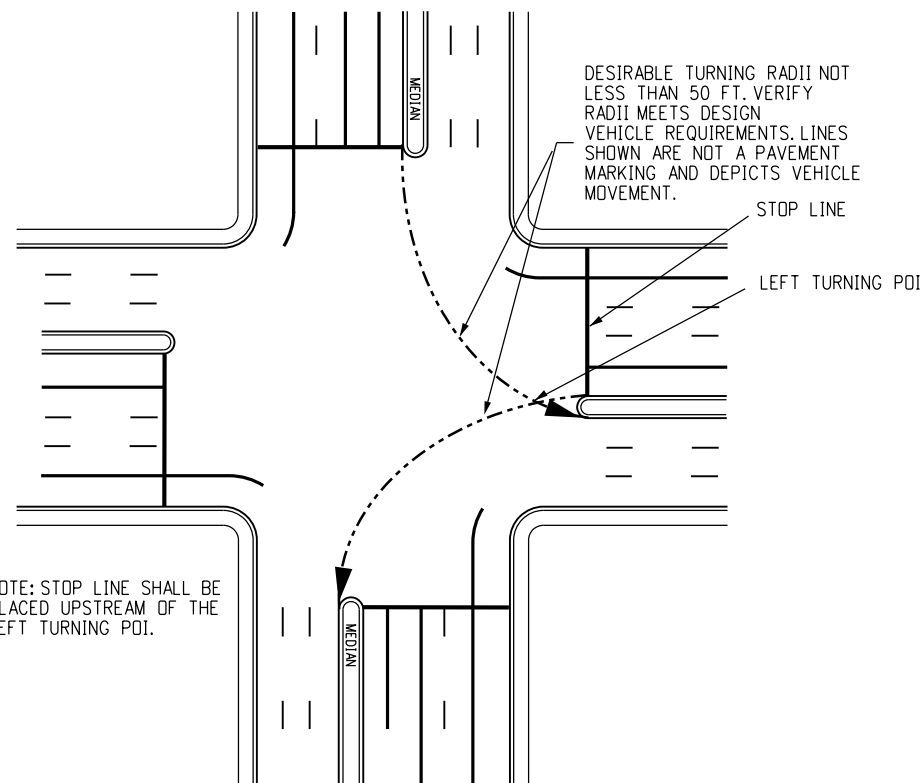


DETAIL A

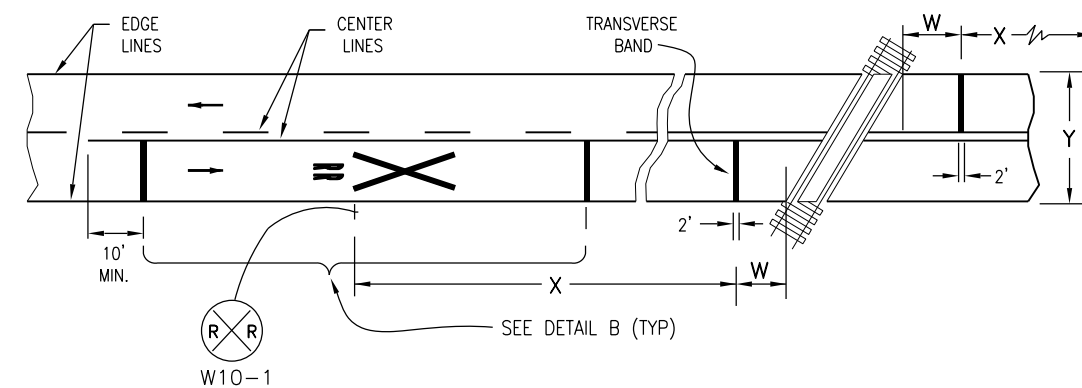
TYPICAL SPEED MEASUREMENT MARKING



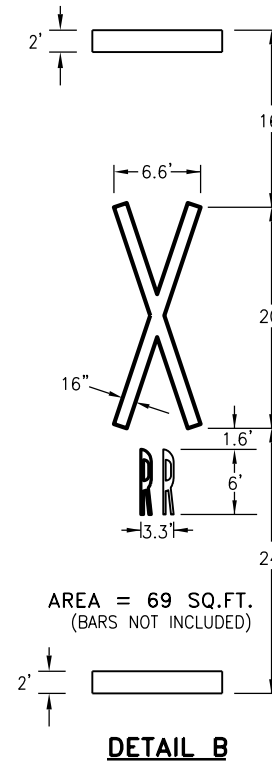
TYPICAL DOUBLE LEFT TURN MARKINGS



TYPICAL STOP LINE PLACEMENT




TYPICAL PAVEMENT MARKING AT RAILROAD CROSSING

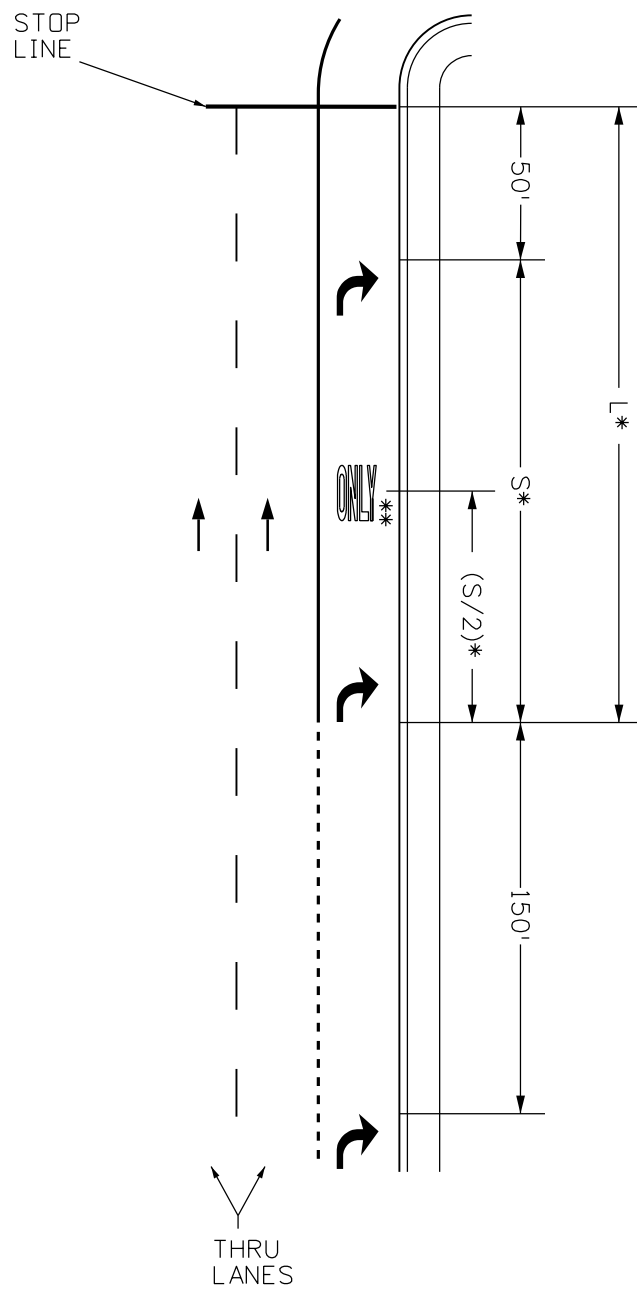


- W= APPROXIMATELY 15 FT. (STOP LINE SHOULD BE 8' IN ADVANCE OF ACTIVE TRAFFIC CONTROL SYSTEMS; I.E., AUTOMATIC GATES AND/OR FLASHING SIGNALS).
- X= THE DISTANCE FROM THE RAILROAD CROSSING MARKING TO THE NEAREST TRACK WILL VARY ACCORDING TO THE APPROACH SPEED AND THE SIGHT DISTANCE OF THE VEHICULAR TRAFFIC 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.

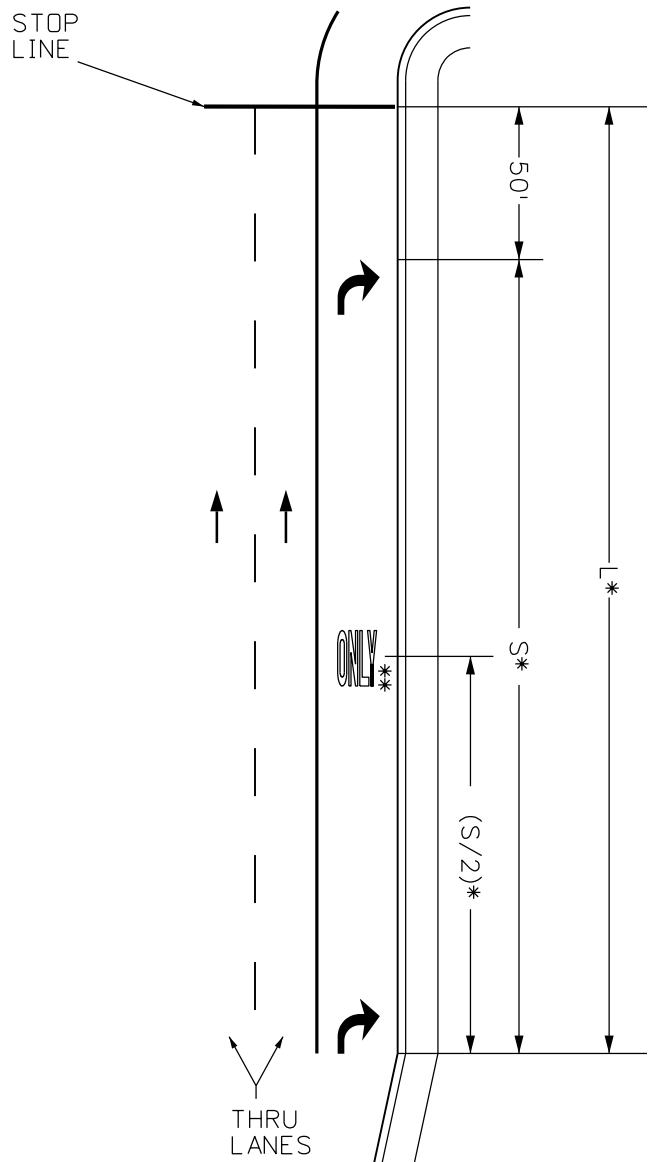
NOTES

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.

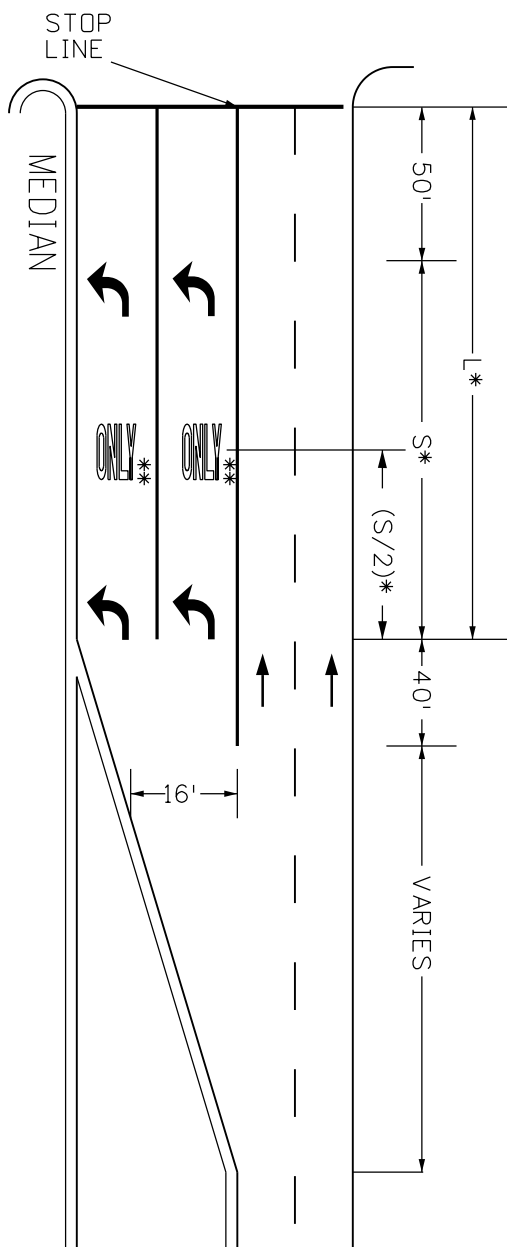
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Creation Date: 07/04/12			Date:	Comments					S-627-1	
Created By: SCL			04/14/23	UPDATED NUMBER OF SHEETS				Standard Sheet No. 4 of 11		
Last Modification Date: 04/14/23										
Last Modified By: AVu										
CAD Ver.: MicroStation V8 Scale: Not to Scale Units: English								Issued By: Traffic Safety & Engineering Branch July 31, 2019		Project Sheet Number:



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.

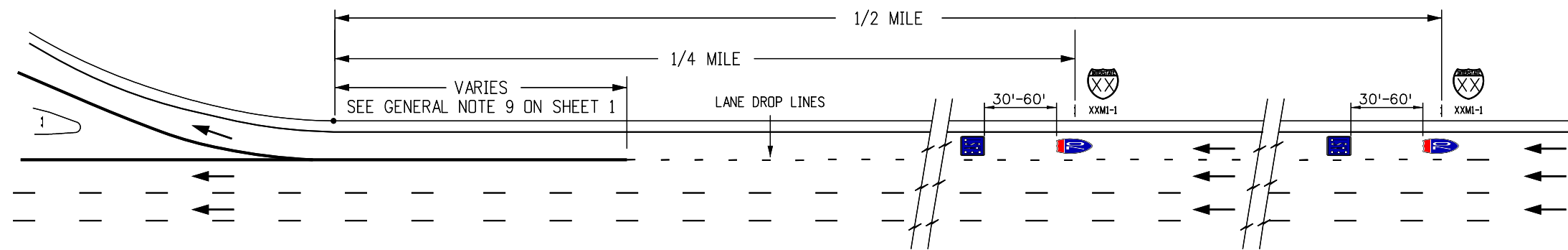
LEGEND

→ Direction of Travel

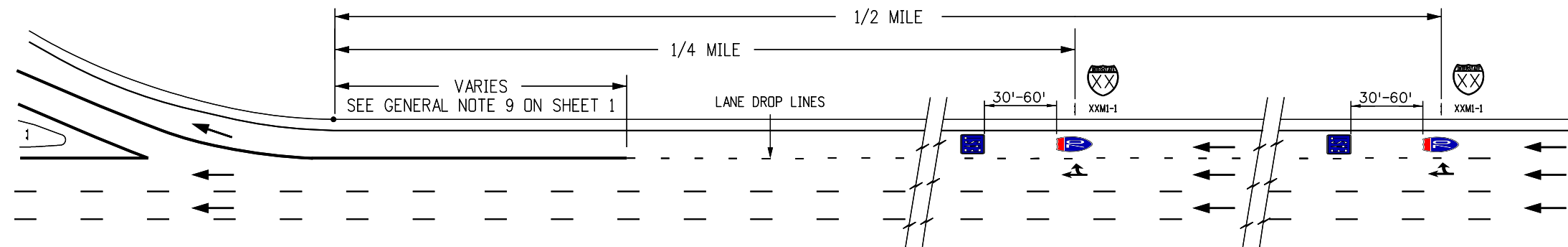
ARROW PLACEMENTS AT INTERSECTIONS

Computer File Information		Sheet Revisions		<div>Colorado Department of Transportation</div> <div></div> <div>Traffic Safety & Engineering</div> <div>EB</div>	<div>PAVEMENT MARKINGS</div> <div>Issued By: Traffic Safety & Engineering Branch July 31, 2019</div>	STANDARD PLAN NO.	
Creation Date: 02/08/17		Date:	Comments			S-627-1	
Created By: MBhat		04/14/23	UPDATED NUMBER OF SHEETS			Standard Sheet No. 5 of 11	
Last Modification Date: 04/14/23						Project Sheet Number:	
Last Modified By: AVu							
CAD Ver.: MicroStation V8 Scale: Not to Scale Units: English							

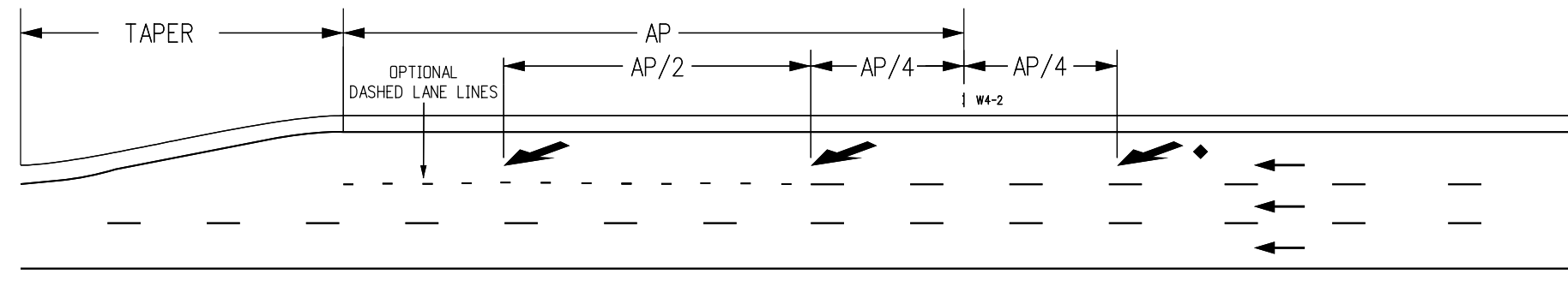
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Creation Date: 04/14/23			Date: Comments		<div><div><div></div><div></div></div><div>2829 W. Howard Pl. Denver, CO 80204 Phone: 303-757-9654 FAX: 303-757-9219</div></div> <div>Traffic Safety & EngineeringEB</div>		S-627-1		Standard Sheet No. 6 of 11	
Created By: AVu			12/20/24UPDATE DOTTED EXTENSION LINES							
Last Modification Date: 12/20/24										
Last Modified By: NRIVERA										
CAD Ver.: MicroStation V8 Scale: Not to Scale Units: English							Issued By: Traffic Safety & Engineering Branch July 31, 2019		Project Sheet Number:	



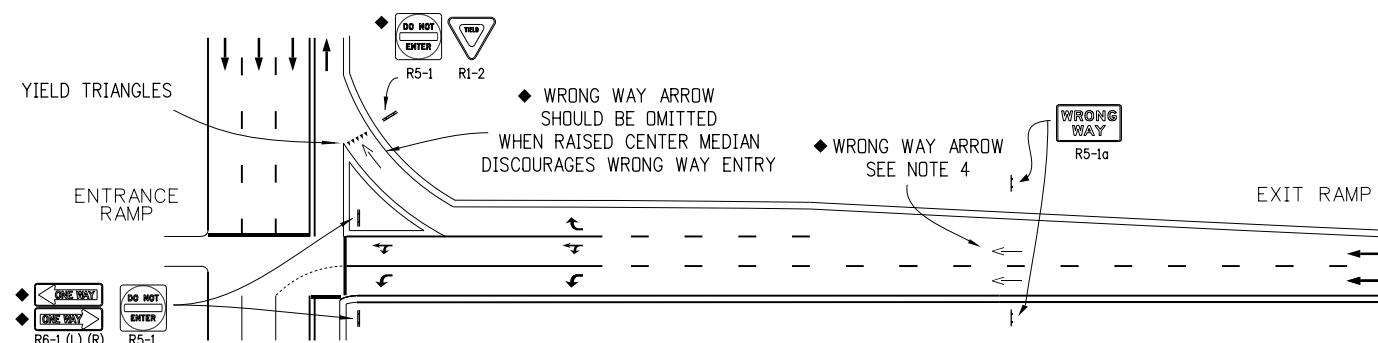
TYPICAL SHIELD PLACEMENT



TYPICAL SHIELD & OPTION ARROW PAVEMENT MARKING PLACEMENT

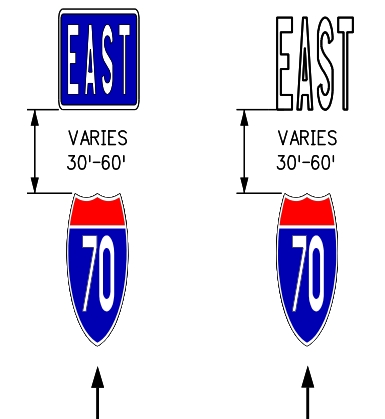


LANE REDUCTION MARKINGS



TYPICAL WRONG WAY WAY ARROW MARKING PLACEMENT

SHIELD LAYOUT DETAIL



NOTES

- SHIELD AND CARDINAL DIRECTION PAVEMENT MARKINGS ARE OPTIONAL AND SHALL BE INSTALLED AS SHOWN IN THE PLANS.
- LANE-REDUCTION ARROW MARKINGS ARE NOT REQUIRED FOR ACCELERATION LANES. LANE-REDUCTION ARROW MARKINGS MAY BE INSTALLED IN LONG ACCELERATION LANES AS SHOWN IN THE PLANS OR AS DIRECTED BY THE ENGINEER.
- LANE-REDUCTION ARROW MARKINGS ARE OPTIONAL FOR SPEEDS LESS THAN 45 MPH.
- WRONG WAY ARROW MARKINGS MAY BE INSTALLED AS DIRECTED BY THE ENGINEER. IF USED, WRONG WAY ARROW MARKINGS SHALL BE THE LAST ARROW MARKING IN SEQUENCE FROM THE INTERSECTION TO THE BEGINNING OF THE EXIT RAMP.
- REFER TO SHEET 5 FOR LANE USE ARROW PLACEMENT AT INTERSECTIONS. SEE ARROW DETAILS ON SHEETS 9 AND 10.
- SEE NOTE 2 "CARDINAL DIRECTIONS" ON SHEET 11

LEGEND

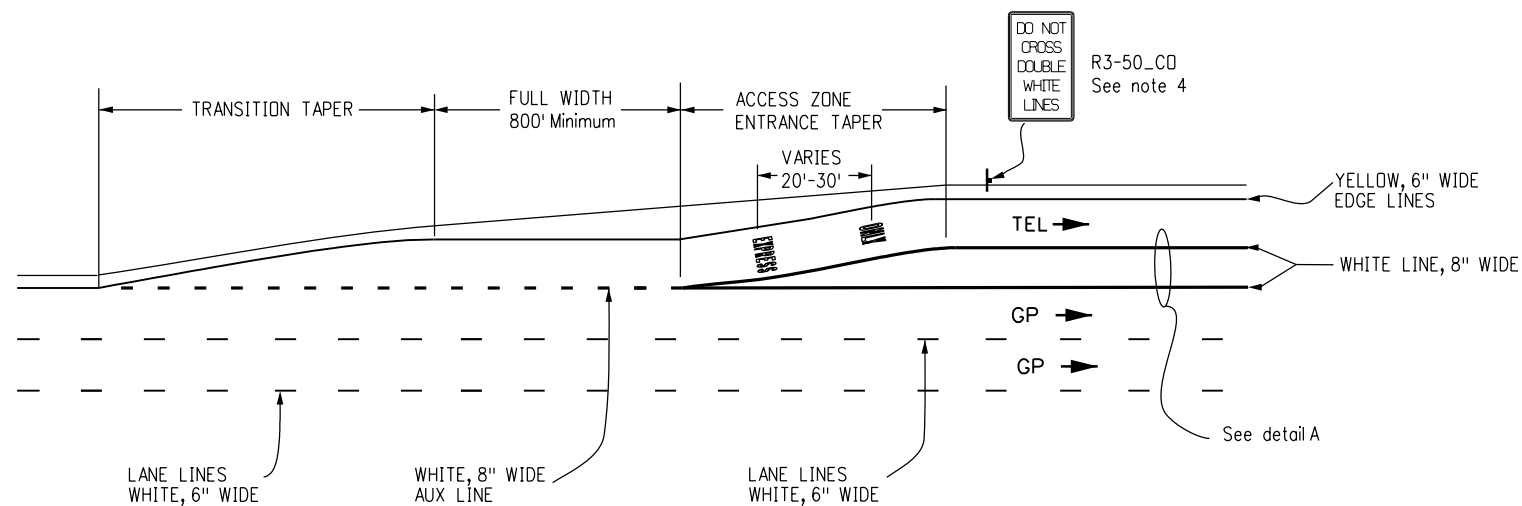
← DIRECTION OF TRAVEL

AP = ADVANCE PLACEMENT DISTANCE FROM THE LANE ENDS SIGN (W4-2) TO THE BEGINNING OF THE MERGING TAPER. SEE SECTION 2C OF THE MUTCD FOR ADVANCE PLACEMENT DISTANCES.

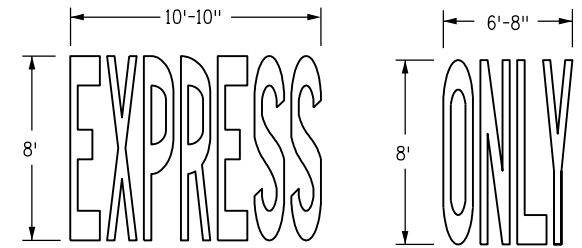
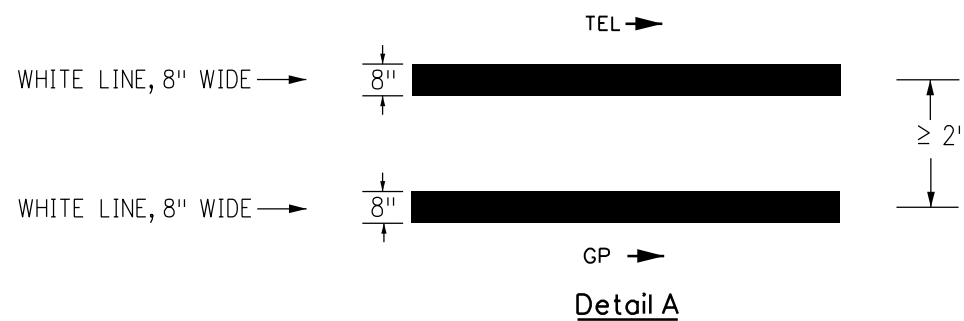
◆ OPTIONAL

TYPICAL ARROW AND SHIELD PAVEMENT MARKINGS

Computer File Information		Sheet Revisions		<div> <div> </div> <div> 2829 W. Howard Pl. Denver, CO 80204 Phone: 303-757-9654 FAX: 303-757-9219 </div> </div> <div> Traffic Safety & Engineering </div> <div> EB </div>	STANDARD PLAN NO.
Creation Date: 02/08/17		Date:	Comments		S-627-1
Created By: MBhat		12/20/24	ADDED TYPICAL WRONG WAY ARROW DETAIL		Standard Sheet No. 7 of 11
Last Modification Date: 12/20/24		04/30/24	NOTES, LEGEND, AND ALL DETAILS UPDATED		
Last Modified By: NRIVERA		04/14/23	UPDATED SHEET NUMBER		
CAD Ver.: MicroStation V8 Scale: Not to Scale Units: English		07/22/22	Lane Drop to Thru Lane Reduction Markings	Issued By: Traffic Safety & Engineering Branch July 31, 2019	Project Sheet Number:



TYPICAL ENTRANCE MARKING FOR BUFFER
WIDTH ≥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.

LEGEND

TEL - TOLL/EXPRESS LANE
GP - GENERAL PURPOSE LANE

TOLL EXPRESS LANE PAVEMENT MARKINGS

Computer File Information		Sheet Revisions		<div>Colorado Department of Transportation</div> <div>2829 W. Howard Pl. Denver, CO 80204 Phone: 303-757-9654 FAX: 303-757-9219</div> <div>Traffic Safety & Engineering</div> <div>EB</div>	PAVEMENT MARKINGS	STANDARD PLAN NO.	
Creation Date: 07/31/19	<div>R-3</div> <div>R-2</div> <div>R-1</div> <div></div>	Date:	Comments			S-627-1	
Created By: EButta		12/20/24	REVISED LANE LINE TYPES			Standard Sheet No. 8 of 11	
Last Modification Date: 12/20/24		04/14/23	ADD LEGEND & UPDATED SHEET NUMBER			Project Sheet Number:	
Last Modified By: NRIVERA		04/17/20	STRIPING LAYOUT & GENERAL NOTE UPDATE				
CAD Ver.: MicroStation V8 Scale: Not to Scale Units: English					Issued By: Traffic Safety & Engineering Branch July 31, 2019		

WORD AND SYMBOL NOTES

- 1. 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.).
- 2. 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.
- 3. LETTER SPACING SHALL BE 8 IN. EXCEPT FOR THE LETTER "A" WHICH IS 6 IN..
- 4. USE THE MARKING WORD "BIKE" IF 6 FT. TO 8 FT. BIKE LANES ARE INSTALLED.

TAPERING NOTES

- 1. 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:

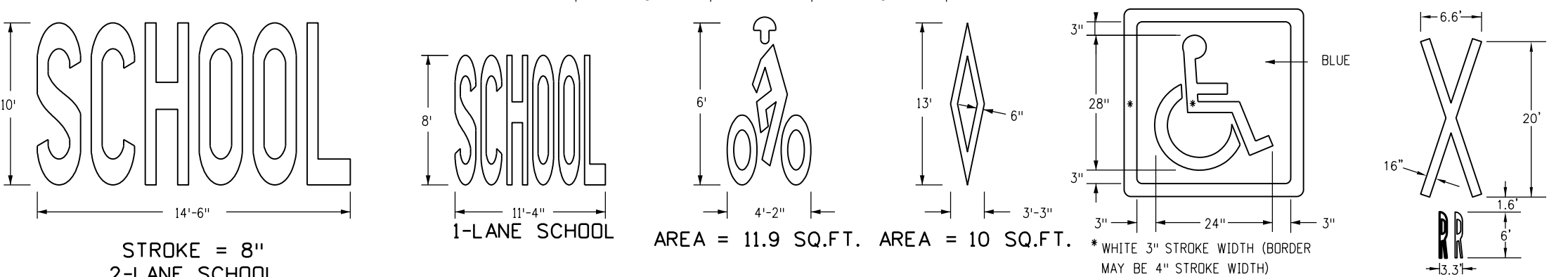
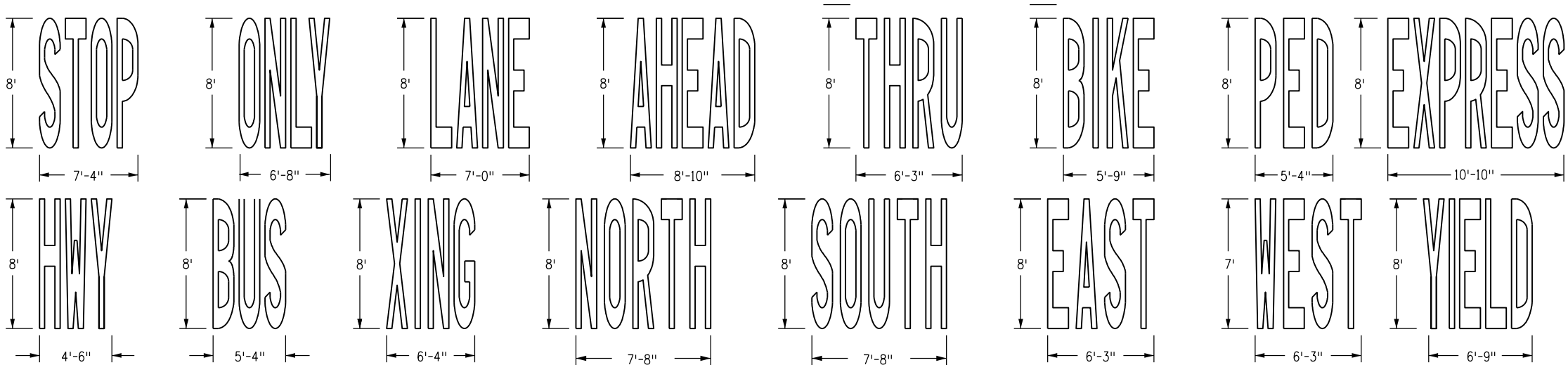
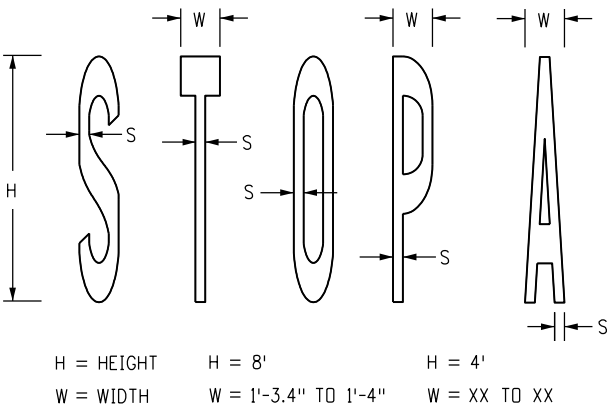
H = 4' WORDS

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

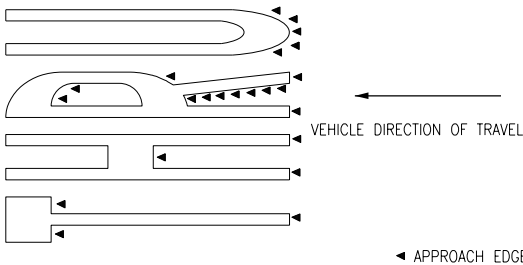
H = 8' WORDS

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

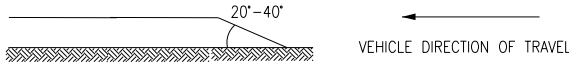
TYPICAL LETTER MEASUREMENTS



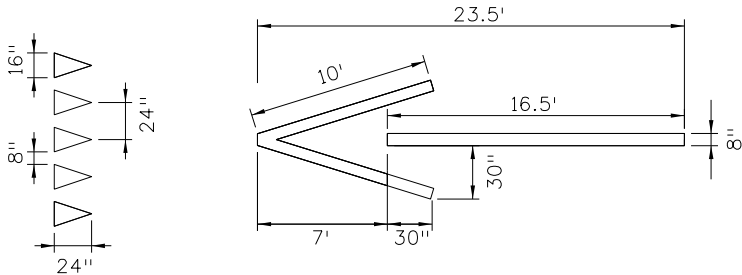
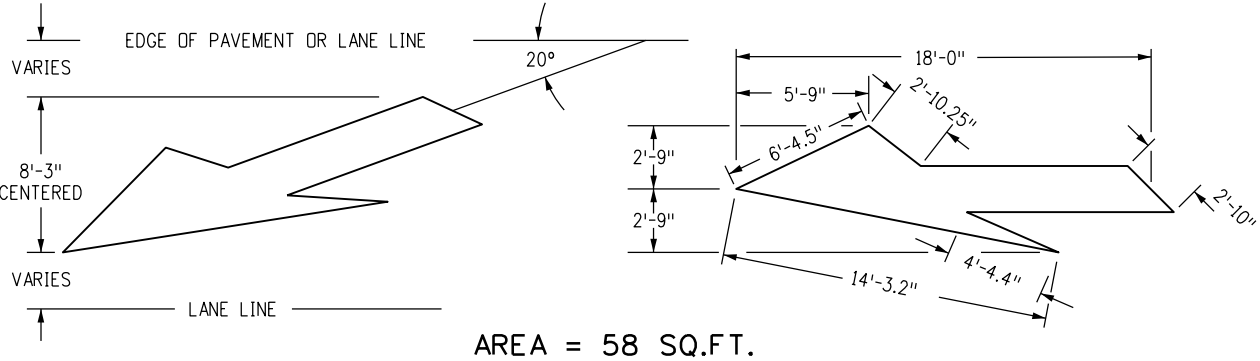
STROKE = 8"
2-LANE SCHOOL



TYPICAL APPROACH EDGE TAPERING VIEW








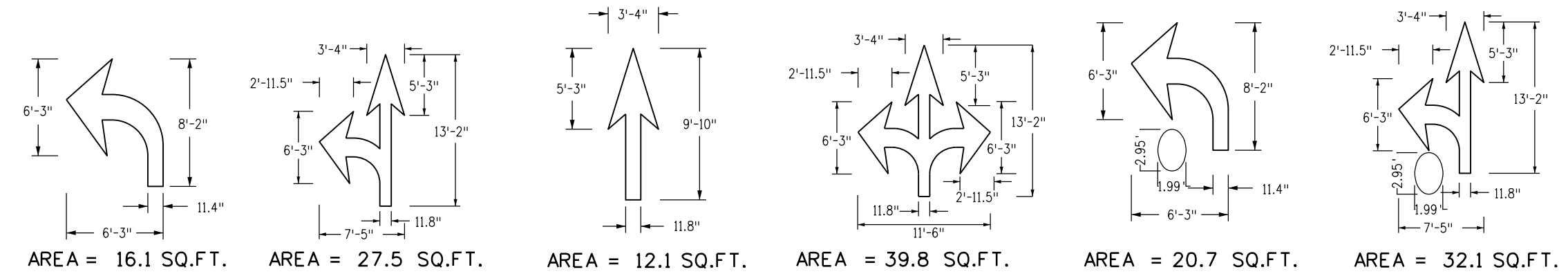
TYPICAL APPROACH EDGE TAPERING PROFILE VIEW



TYPICAL YIELD TRIANGLES AND WRONG WAY ARROW

PAVEMENT MARKING WORDS AND SYMBOLS (PAGE 1)

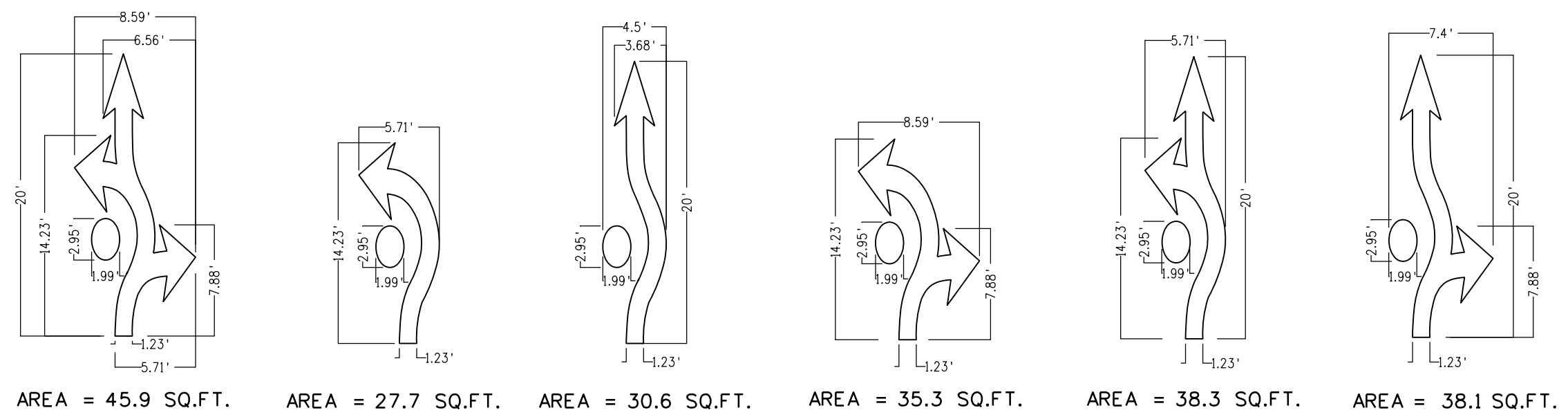
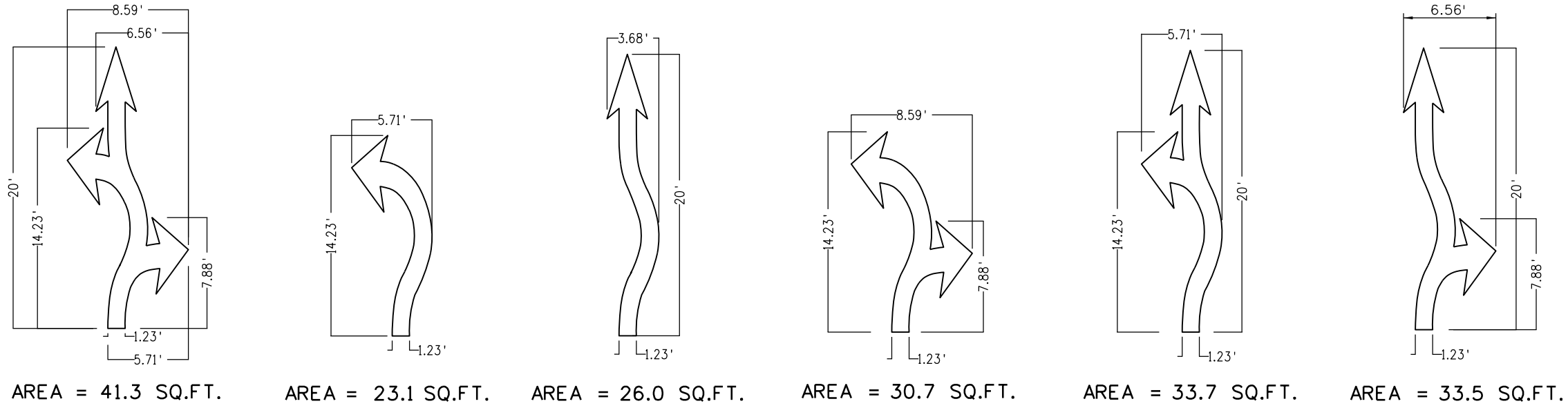
Computer File Information		Sheet Revisions		Colorado Department of Transportation  2829 W. Howard Pl. Denver, CO 80204 Phone: 303-757-9654 FAX: 303-757-9219 Traffic Safety & Engineering EB	PAVEMENT MARKINGS	STANDARD PLAN NO.	
Creation Date: 07/04/12		Date:	Comments			S-627-1	
Created By: SCL		12/20/24	YIELD TRIANGLES AND WRONG WAY ARROW			Standard Sheet No. 9 of 11	
Last Modification Date: 12/20/24		04/14/23	MOVED ARROWS DIMENSIONS TO SHEET 10			Project Sheet Number:	
Last Modified By: NRIVERA			UPDATED SHEET NUMBER				
CAD Ver.: MicroStation V8 Scale: Not to Scale Units: English							




WORD AND SYMBOL NOTES

1. 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.).

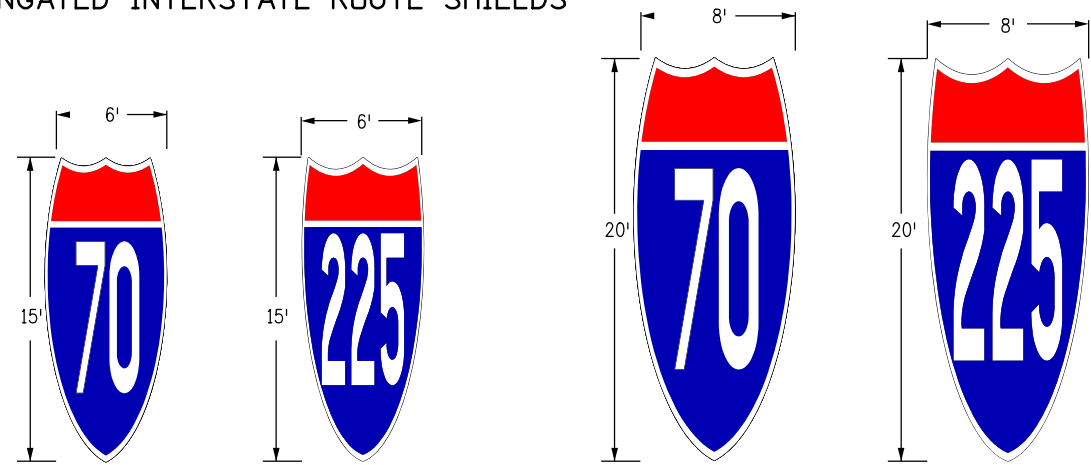
2. PAVEMENT WORD AND SYMBOL MARKINGS, TRANSVERSE AND LONGITUDINAL (CONTINENTAL) CROSSWALK LINES, AND STOP LINES WILL BE PAID FOR IN SQUARE FEET USING THEIR SPECIFIC BID ITEMS.



PAVEMENT MARKING WORDS AND SYMBOLS (PAGE 2)

Computer File Information		<div><div></div><div></div><div></div><div></div><div></div></div>	Sheet Revisions		<div>Colorado Department of Transportation</div> <div><div></div><div>2829 W. Howard Pl. Denver, CO 80204 Phone: 303-757-9654 FAX: 303-757-9219</div></div> <div>Traffic Safety & Engineering</div> <div>EB</div>	PAVEMENT MARKINGS	STANDARD PLAN NO.	
Creation Date: 04/14/23	Date:		Comments	S-627-1				
Created By: AVu				Standard Sheet No. 10 of 11				
Last Modification Date:				Project Sheet Number:				
Last Modified By:								
CAD Ver.: MicroStation V8 Scale: Not to Scale Units: English								Issued By: Traffic Safety & Engineering Branch July 31, 2019

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.

NOTES

1. 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.

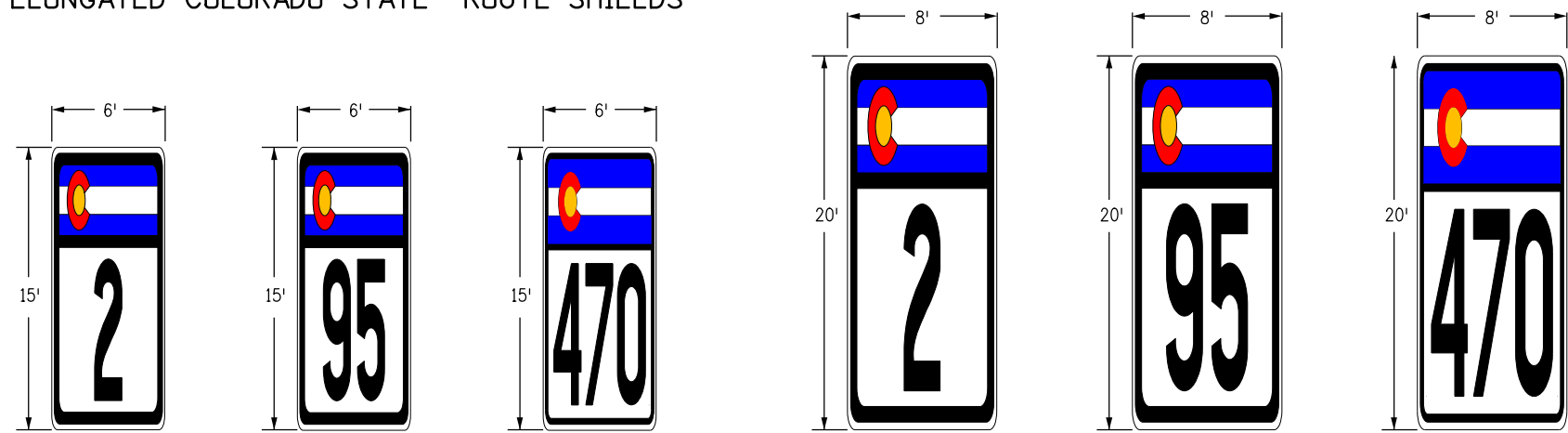
2. CARDINAL DIRECTIONS

USE CARDINAL DIRECTIONS WITH WHITE ON BLUE WHEN USING INTERSTATE ROUTE SHIELDS

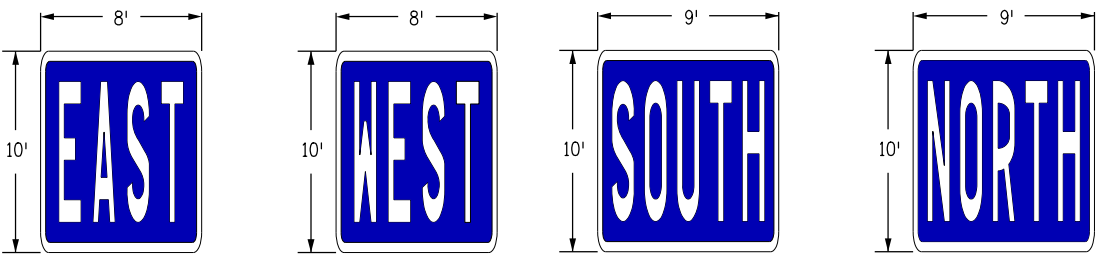
USE CARDINAL DIRECTIONS WITH BLACK ON WHITE WHEN USING EITHER COLORADO STATE OR US HIGHWAY ROUTE SHIELDS.

CARDINAL DIRECTION MARKING WORD SYMBOL FROM SHEET 9 OF 11 MAY BE USED INSTEAD OF PLAQUE.

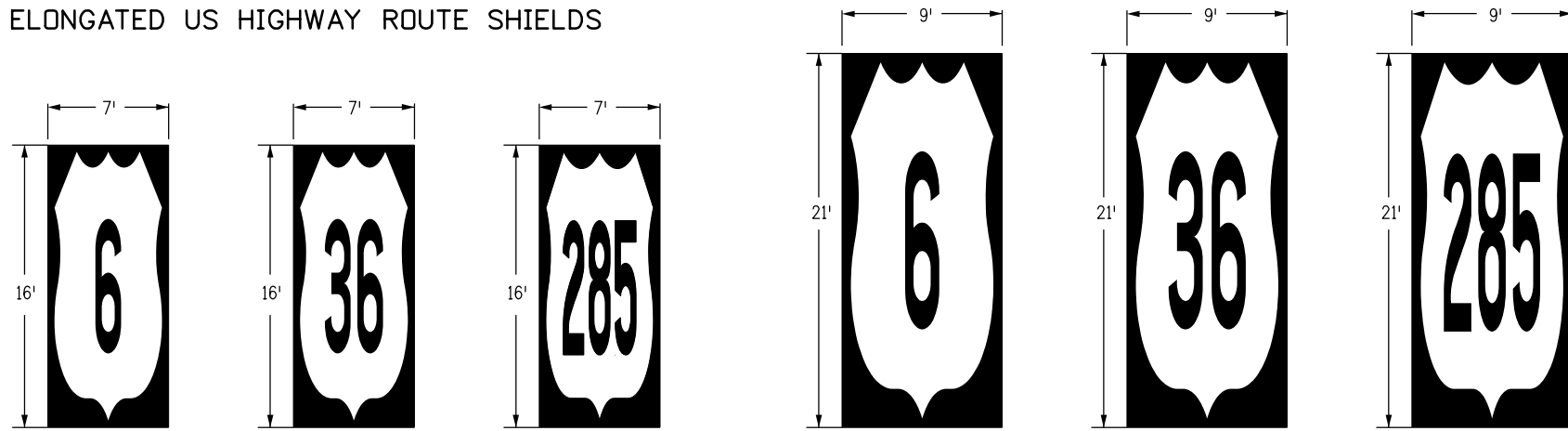
ELONGATED COLORADO STATE ROUTE SHIELDS



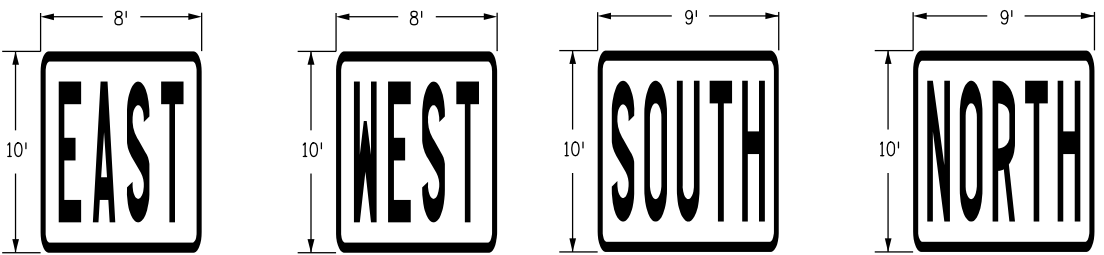
CARDINAL DIRECTIONS
(WHITE LETTERING ON BLUE BACKGROUND)




ELONGATED US HIGHWAY ROUTE SHIELDS



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



ELONGATED ROUTE SHIELDS & CARDINAL DIRECTION MARKINGS

Computer File Information		<div>R-3</div> <div>R-2</div> <div>R-1</div> <div></div>	Sheet Revisions		<div>Colorado Department of Transportation</div> <div><div></div><div>2829 W. Howard Pl. Denver, CO 80204 Phone: 303-757-9654 FAX: 303-757-9219</div><div>Traffic Safety & Engineering</div><div>EB</div></div>	PAVEMENT MARKINGS		STANDARD PLAN NO.	
Creation Date: 02/08/17			Date:	Comments		S-627-1		Standard Sheet No. 11 of 11	
Created By: MBhat			04/30/24	UPDATED SHEET REFERENCES		Issued By: Traffic Safety & Engineering Branch July 31, 2019		Project Sheet Number:	
Last Modification Date: 04/30/24			04/14/23	UPDATED SHEET NUMBER					
Last Modified By: NRIVERA			02/16/21	GENERAL NOTE UPDATE					
CAD Ver.: MicroStation V8 Scale: Not to Scale Units: English				UPDATED NOTE TITLE					