

GENERAL NOTES:

- 2. J-POST MATERIALS SHALL CONFORM TO THE FOLLOWING:
 - a. ROUND HOLLOW STEEL SECTIONS (HSS)
- b. BASEPLATES
- c. BOLTS d. NUTS
- e. WASHERS
- 3. BOLTS, U-CLAMPS, NUTS, AND METAL WASHERS SHALL BE GALVANIZED.
- WHEN INSTALLED.
- AND/OR AS SHOWN ON THE PLANS.
- BOLT DIMENSIONS BASED ON SELECTED POST DIAMETER.
- 7. GUARDRAIL PARAMETERS MUST BE VERIFIED PRIOR TO INSTALLATION.

- TEMPORARY OR PRECAST BARRIERS THAT ARE PINNED TOGETHER.
- PREVIOUSLY DAMAGED AND REPAIRED.

DESIGN DATA:

SPECIFICATIONS:

DESIGN:	AASHTO LRFD SPEC: LUMINAIRES, AND TR
	AASHTO LRFD BRIDG

WIND LOADING:

PER CDOT BRIDGE DESIGN MANUAL SECTION 32.3: 120 MPH OUTSIDE OF SPECIAL WIND REGION 165 MPH INSIDE SPECIAL WIND REGION

Computer File Information			Sheet Revisions	Colorado Department of Transportation		STANDARD PLAN NO.
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Created By: ASP				Denver, CD 80204	J-FUST SIGN SUFFURI	5-014-23
Last Modification Date:	\Box			Phone: 303-757-9654 FAX: 303-757-9219		Standard Sheet No. 1 of 3
Last Modified By:				Traffic Safety & Engineering FB		
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1. J-POST MOUNT IS SPECIFIED FOR INSTALLATION ON BRIDGE RAIL TYPE 7, BRIDGE RAIL TYPE 9, GUARDRAIL TYPE 7 STYLES CA AND CC, AND GUARDRAIL TYPE 9 STYLES CA AND CC.

ASTM	A500	GRADE	С	
ASTM	A709	GRADE	50	
ASTM	F3125	GRADE	А	325
ASTM	A563			
ASTM	F436			

4. VENT HOLES SHALL BE PROVIDED PRIOR TO GALVANIZATION. VENT HOLES ON HORIZONTAL SEGMENT OF POST SHALL BE ORIENTED DOWN SO AS TO DRAIN WATER FROM THE INTERIOR OF THE MEMBER

5. ALL SIGNS SHALL BE AS REQUIRED PER CDOT M&S STANDARDS PLANS AND SPECIFICATIONS

6. REFERENCE STANDARD S-614-3 FOR SIGN DETAILS, INCLUDING SIGN PANEL AND ZEE BACKING. POST SHALL BE ATTACHED TO ZEE MEMBERS WITH U-BOLTS. REFERENCE STANDARD S-614-8. ADJUST U-

8. BATTER ANGLE OF GUARDRAIL OR BRIDGE RAIL SHALL BE FIELD VERIFIED PRIOR TO FABRICATION.

9. J-POST MOUNT IS INTENDED FOR BACK (NON-TRAFFIC FACE) OF GUARDRAIL OR BRIDGE RAIL. DO NOT USE ON RETAINING WALL FACING, WALL COPING, OR TRAFFIC-FACING SIDE OF BARRIER.

10. J-POST MOUNT IS ONLY APPLICABLE FOR USE ON PERMANENT, CAST-IN-PLACE GUARDRAIL, NOT

11. J-POST SHALL NOT BE MOUNTED ON A SEGMENT OF BARRIER WHERE THE GUARDRAIL WAS

12. REFERENCE STANDARD S-614-14 FOR FLASHING BEACON ELECTRICAL REQUIREMENTS AND DETAILS.

IFICATIONS FOR STRUCTURAL SUPPORTS FOR HIGHWAY SIGNS, RAFFIC SIGNALS, 1ST EDITION (2015) WITH 2020 INTERIMS.

GE DESIGN SPECIFICATIONS, 9TH EDITION (2020).



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DUNTED ON MOMENT SLAB)	2'-6"	3'-0''	5'-8''
DUNTED ON MOMENT SLAB)	3'-0"	3'-6"	5'-2"
L ≥ 15'-0"	2'-7"	3'-1''	5'-6"
L ≥ 10'-0"	2'-3"	2'-9"	5'-6"

VERTICAL POST

DIMENSION "Y

ECTION TABLE			
WIND SPEED	POST SELECTION		
5 MPH	HSS6.000x0.312		
0 MPH	HSS4.500x0.337		



BASEPLATE NISHED GRADE		DRAIL TYPE	KISTING EINFORCEMENT YP) Q POST <u>IRAFFIC</u> <u>FACE</u> C
BASEPLATE	RDRAIL E M-606-15	<u>TYPE 9</u>	RAFFIC FACE
BOLT SELECTION TABL	E (FOR AL	L WIND REGION	S)
		MIN BOLT	LENGTH **
DIAMETER		TOP BOLT	BOTTOM BOLT
E 7		1'-3¾''	1'-4½''
E 9		1'-0''	1'-0''
7		1'-2½''	1'-4"
9		1'-8¾''	2'-0"
RIFY REQUIRED BOLT LENG	TH PRIOR	TO INSTALLATI	ON.
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