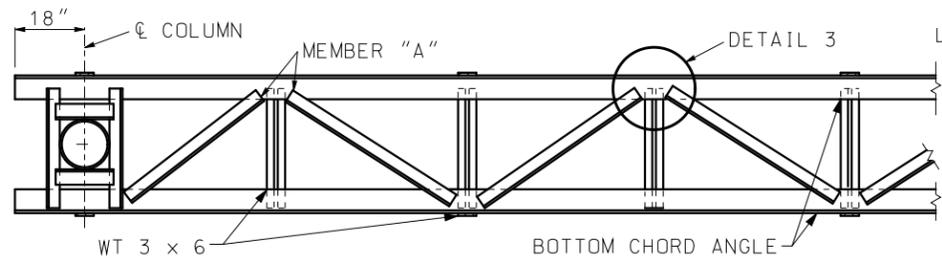
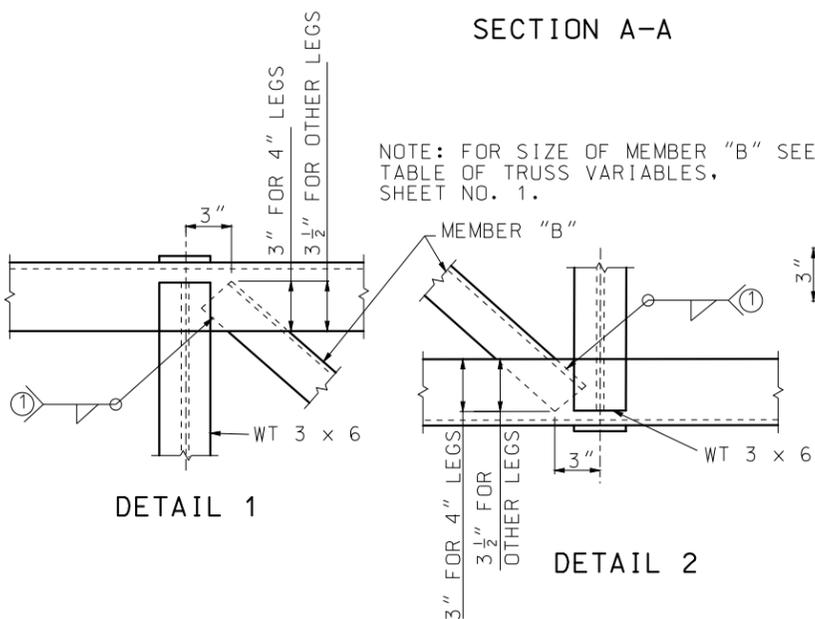


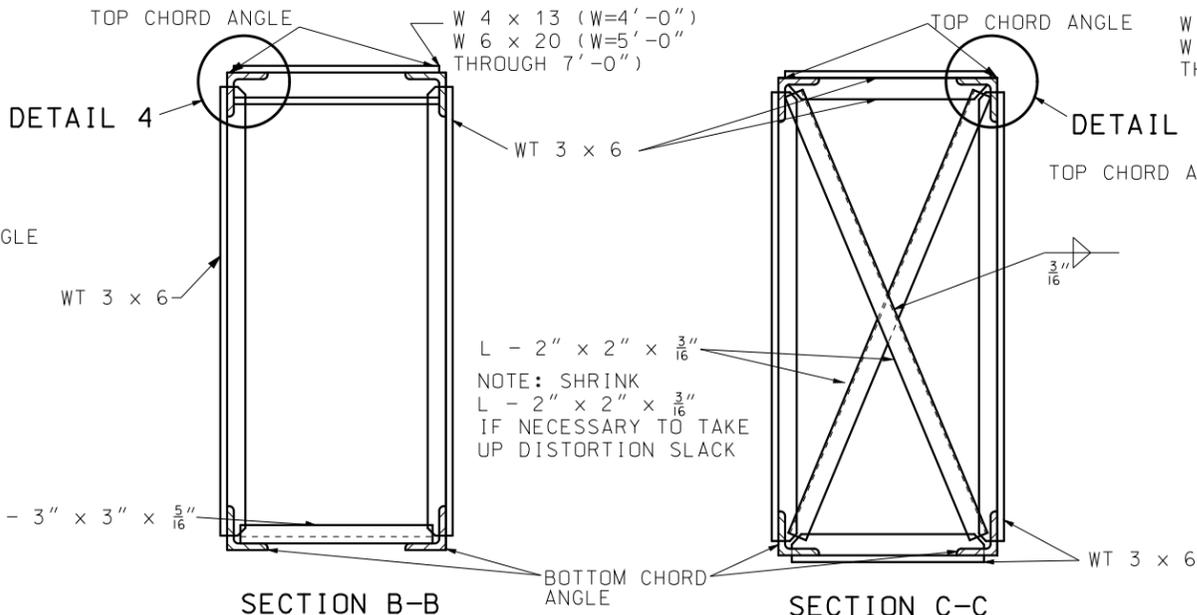
NOTE: FOR SIZE OF MEMBER "A" SEE TABLE OF TRUSS VARIABLES, SHEET NO. 1.



SECTION A-A

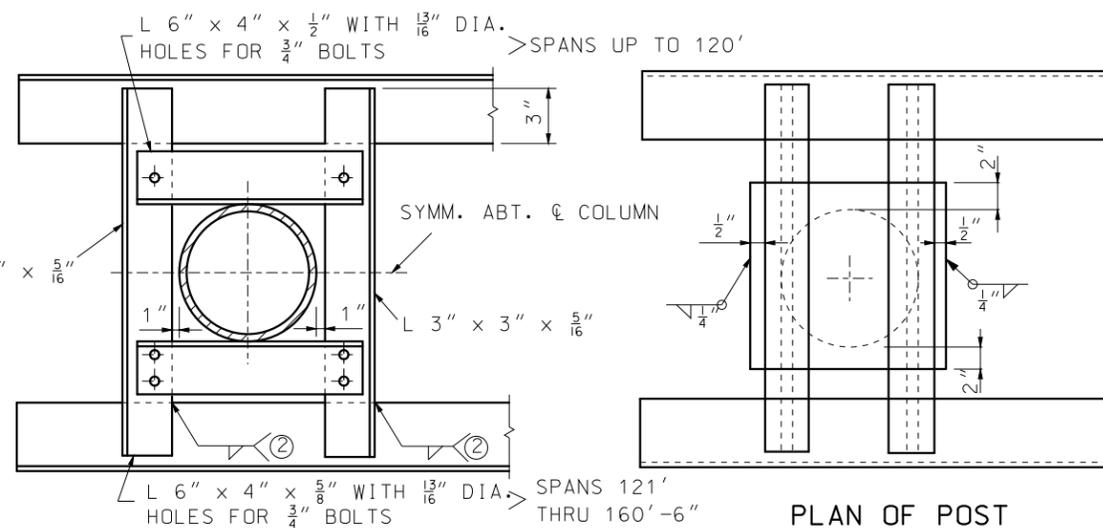


NOTE: FOR SIZE OF MEMBER "B" SEE TABLE OF TRUSS VARIABLES, SHEET NO. 1.



SECTION B-B

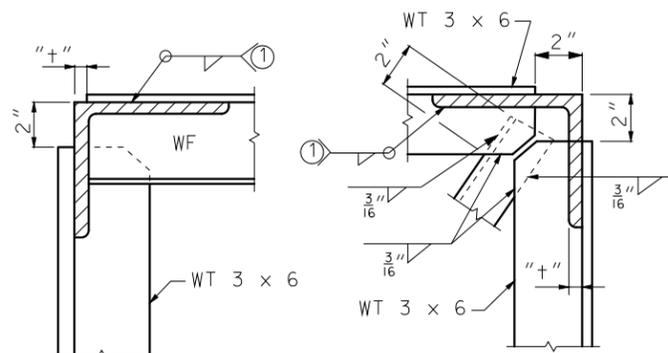
SECTION C-C



NOTE: BOLTS SHALL BE HIGH STRENGTH STEEL WITH HARDENED WASHERS UNDER HEAD AND NUT.

NOTE: FILLET WELD 2 (SHOP OR FIELD) SHALL BE 3/16" WHEN "+" IS 1/2" OR LESS AND 1/4" WHEN "+" IS GREATER THAN 1/2".

SECTION F-F

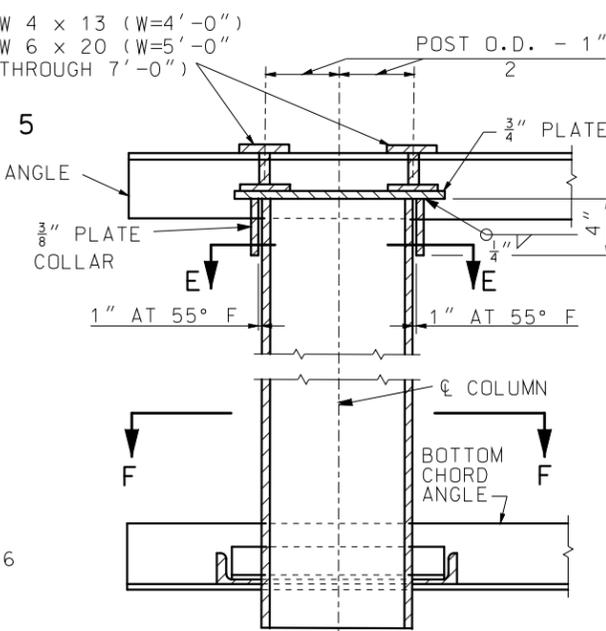


DETAIL 4

DETAIL 5

SLOT WEB OF STRUCTURAL TEE'S AND WIDE FLANGES TO RECEIVE LEG OF CHORD ANGLES (TYPICAL).

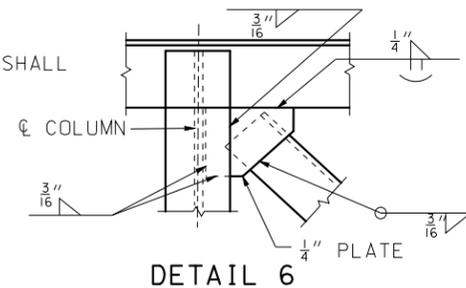
FILLET WELD 1 SHALL BE 5/16" WHEN "+" IS 1/2" OR LESS AND 1/4" WHEN "+" IS GREATER THAN 1/2".



SECTION D-D

SECTION E-E

NOTE: DETAILS OF CANTILEVER END SECTION ARE SIMILAR TO THOSE SHOWN ON THIS SHEET.



DETAIL 6

IF DESIRED THE OUTSTANDING LEGS OF DIAGONAL ANGLES MAY BE CLIPPED AT 45° TO FACILITATE ASSEMBLY AND WELDING.

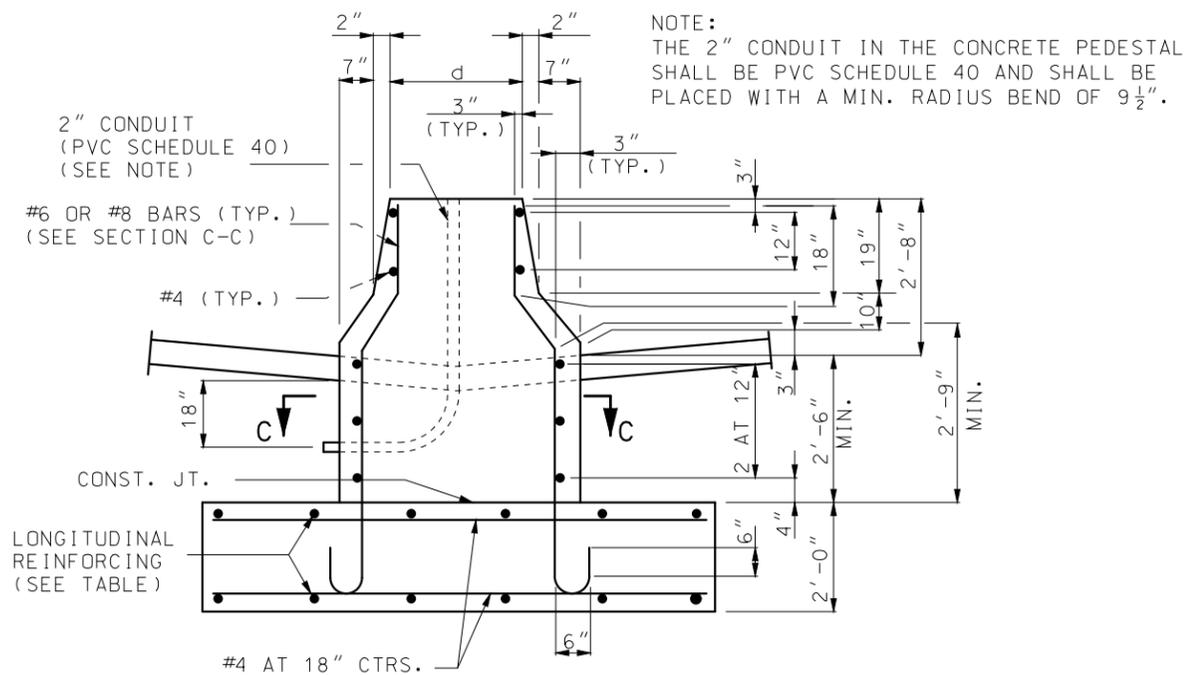
<p>MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION</p> <p>105 WEST CAPITOL JEFFERSON CITY, MO 65102 1-888-ASK-MODOT (1-888-275-6636)</p>	
<p>STATE OF MISSOURI EILEEN H. RACKERS NUMBER PE-28336 PROFESSIONAL ENGINEER</p> <p>THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.</p>	<p>OVERHEAD SIGN TRUSSES</p> <p>STRUCTURAL STEEL</p>
<p>DATE EFFECTIVE: 10/01/2016 DATE PREPARED: 8/11/2016</p>	<p>903.60AB</p>
<p>SHEET NO. 2 OF 5</p>	

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

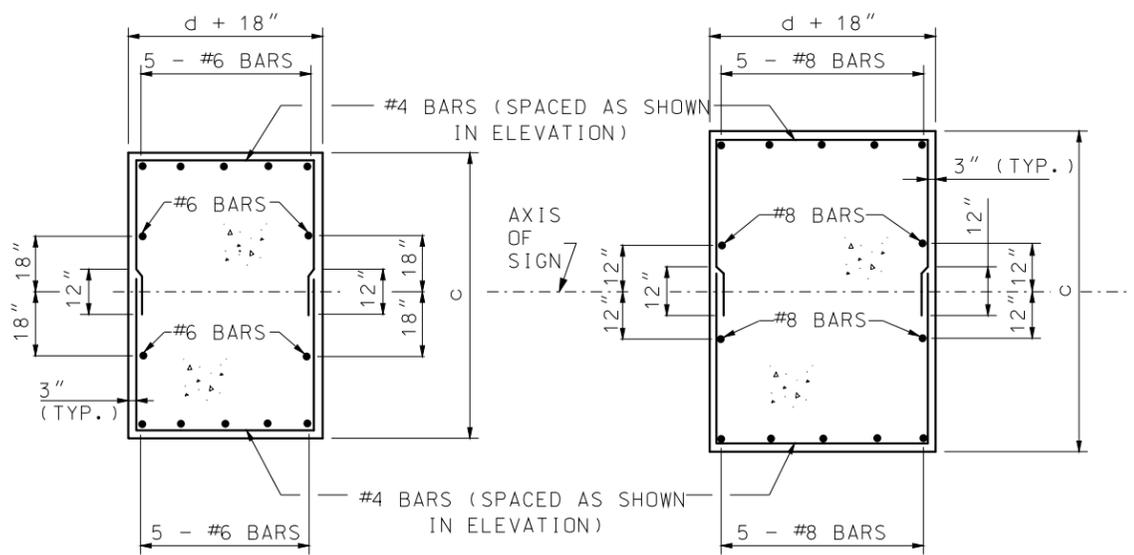
IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

POST TYPE	PIPE COLUMN	PEDESTAL SIZE*		FOOTING SIZE*	LONGITUDINAL FOOTING REINFORCEMENT		CONCRETE C.Y.	
		c	d		TOP	BOTTOM	TYPE A MEDIAN BARRIER	TYPE C MEDIAN BARRIER
I	12" STD. AT 65.42	5'-9"	2'-1"	7'-0" x 14'-6"	7-#5 BARS	7-#6 BARS	10.9	11.6
II	14" O.D. AT 72.09	6'-2"	2'-2"	8'-0" x 16'-0"	8-#5 BARS	9-#6 BARS	13.2	14.0
III	16" O.D. AT 82.77	6'-7"	2'-4"	8'-6" x 17'-6"	9-#5 BARS	9-#7 BARS	15.2	16.1
IV	18" O.D. AT 93.45	7'-1"	2'-6"	9'-6" x 19'-0"	10-#5 BARS	10-#8 BARS	18.1	19.1
V	20" O.D. AT 104.13	7'-8"	2'-11"	10'-0" x 20'-0"	10-#5 BARS	10-#8 BARS	20.6	21.7
VI	24" O.D. AT 125.49	8'-3"	3'-5"	10'-6" x 21'-0"	11-#5 BARS	11-#8 BARS	23.3	24.6
VII	24" O.D. AT 125.49	8'-6"	3'-5"	11'-0" x 22'-0"	11-#5 BARS	11-#9 BARS	25.1	26.5

* BASE PLATES, PEDESTAL, AND FOOTINGS LONGER SIDES SHALL BE NORMAL TO AXIS OF SIGN.



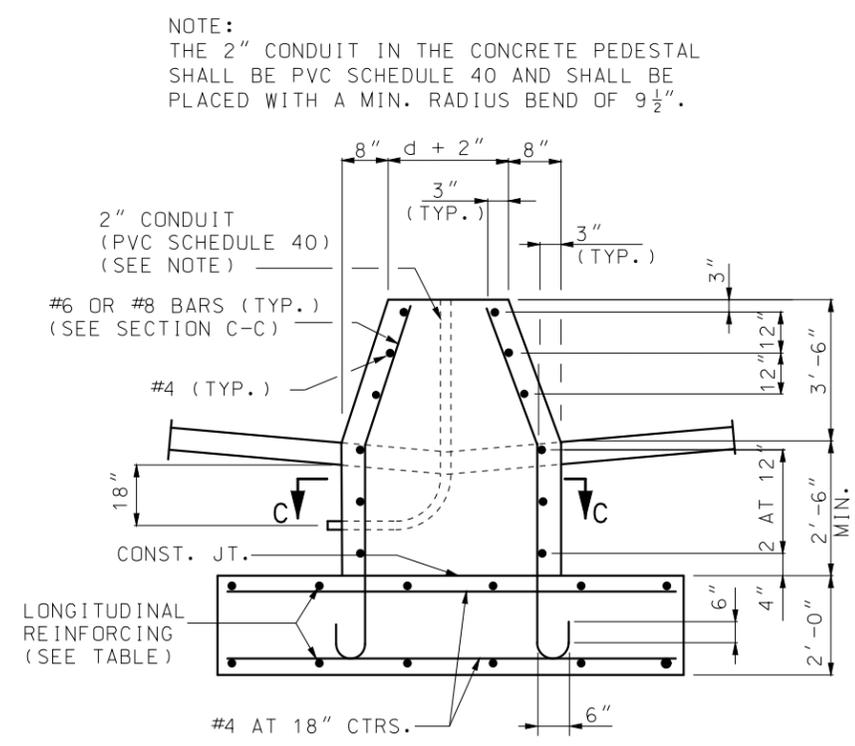
PART ELEVATION (TYPE A CONCRETE TRAFFIC BARRIER)



SECTION C-C TYPICAL SECTION SHOWING REINFORCING STEEL

DETAILS OF ALTERNATE PEDESTAL

(TO BE USED ADJACENT TO TYPE "A" OR "C" MEDIAN BARRIER)



PART ELEVATION (TYPE C CONCRETE TRAFFIC BARRIER)

NOTE: THE 2" CONDUIT IN THE CONCRETE PEDESTAL SHALL BE PVC SCHEDULE 40 AND SHALL BE PLACED WITH A MIN. RADIUS BEND OF 9 1/2".

GENERAL NOTES:

- A TAPERED TUBE OF EQUIVALENT SIZE AND THICKNESS MAY BE SUBSTITUTED FOR PIPE POST.
- ALL STEEL PIPE COLUMNS SHALL BE EITHER GRADE "B" SEAMLESS STEEL PIPE OR GRADE "B" ELECTRIC RESISTANCE WELDED STEEL PIPE; A.S.T.M. SPECIFICATION A53.
- NO OBJECTIONABLE SEAMS WILL BE PERMITTED.
- ALL STRUCTURES SHALL BE GROUNDED.
- BURR THREADS ON ALL ANCHOR BOLTS.
- PIPE COLUMN, BASE PLATE, ANCHOR BOLTS AND NOTES PERTAINING TO THESE ITEMS HAVE BEEN OMITTED FOR CLARITY. REFER TO SHEET 3 OF 5 FOR DETAILS OF THESE ITEMS.
- GROUND LUGS SHALL BE LOCATED INSIDE COLUMN NEAR HAND HOLE.
- QUANTITIES FOR PEDESTAL ARE BASED ON NOMINAL HEIGHT OF 5'-2" (TYPE A MEDIAN BARRIER) OR 6'-0" (TYPE C MEDIAN BARRIER).
- QUANTITIES FOR FOOTING ARE BASED ON NOMINAL DEPTH OF 2'-0".
- QUANTITIES SHOWN ARE FOR ONE COLUMN ONLY.

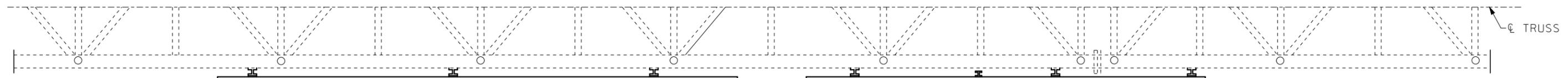
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
 105 WEST CAPITOL
 JEFFERSON CITY, MO 65102
 1-888-ASK-MODOT (1-888-275-6636)

STATE OF MISSOURI
 EILEEN H. RACKERS
 NUMBER PE-28336
 PROFESSIONAL ENGINEER
 THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

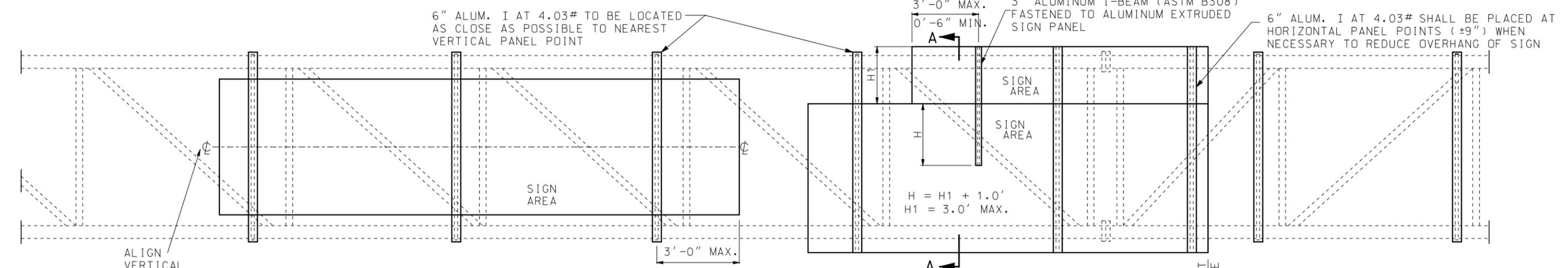
OVERHEAD SIGN TRUSSES
 STRUCTURAL STEEL

DATE EFFECTIVE: 10/01/2016	903.60AB	SHEET NO. 4 OF 5
DATE PREPARED: 8/11/2016		

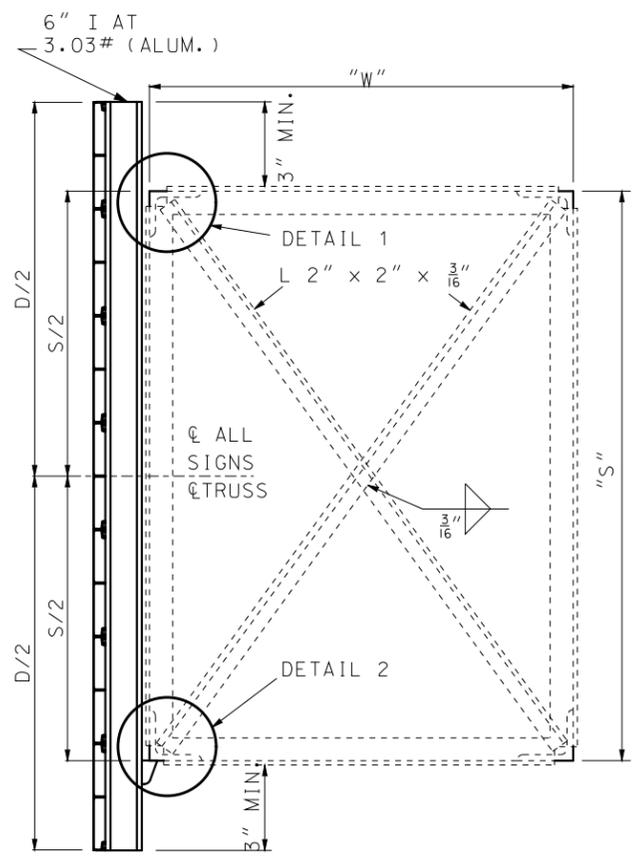
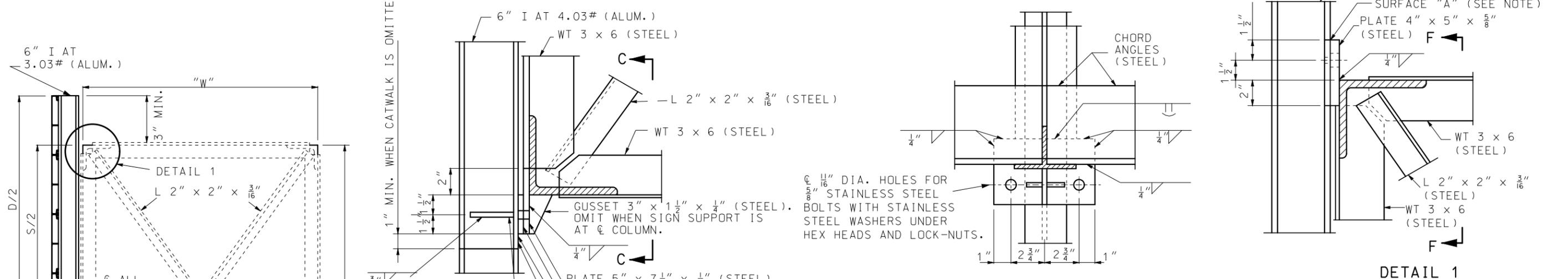
IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.



TYPICAL HALF PLAN OF SIGN COMPONENTS



TYPICAL ELEVATION OF SIGN COMPONENTS



**SECTION A-A
TYPICAL SECTION OF SIGN SUPPORT**

NOTE: "D" = GREATEST OVERALL DEPTH OF ANY SIGN OR SIGNS ON TRUSSES AND "S" = TRUSS DEPTH. SEE SHEET NO. 5 OF 7 FOR LOCATION OF SECTION A-A.

GENERAL NOTES:
 EXIT NO. PANELS SHALL BE MOUNTED FLUSH WITH THE EXIT SIDE OF THE GUIDE SIGN.
 ALL SIGNS SHALL BE CENTERED VERTICALLY ABOUT THE HORIZONTAL C OF THE TRUSS.

	MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION 105 WEST CAPITOL JEFFERSON CITY, MO 65102 1-888-ASK-MODOT (1-888-275-6636)	
	OVERHEAD SIGN TRUSSES STRUCTURAL STEEL	
	DATE EFFECTIVE: 10/01/2016 DATE PREPARED: 8/11/2016	903.60AB SHEET NO. 5 OF 5