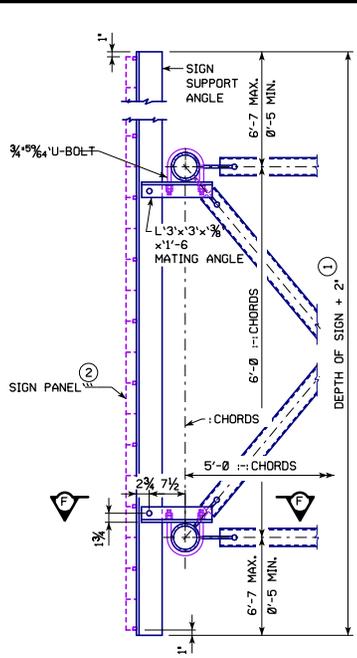
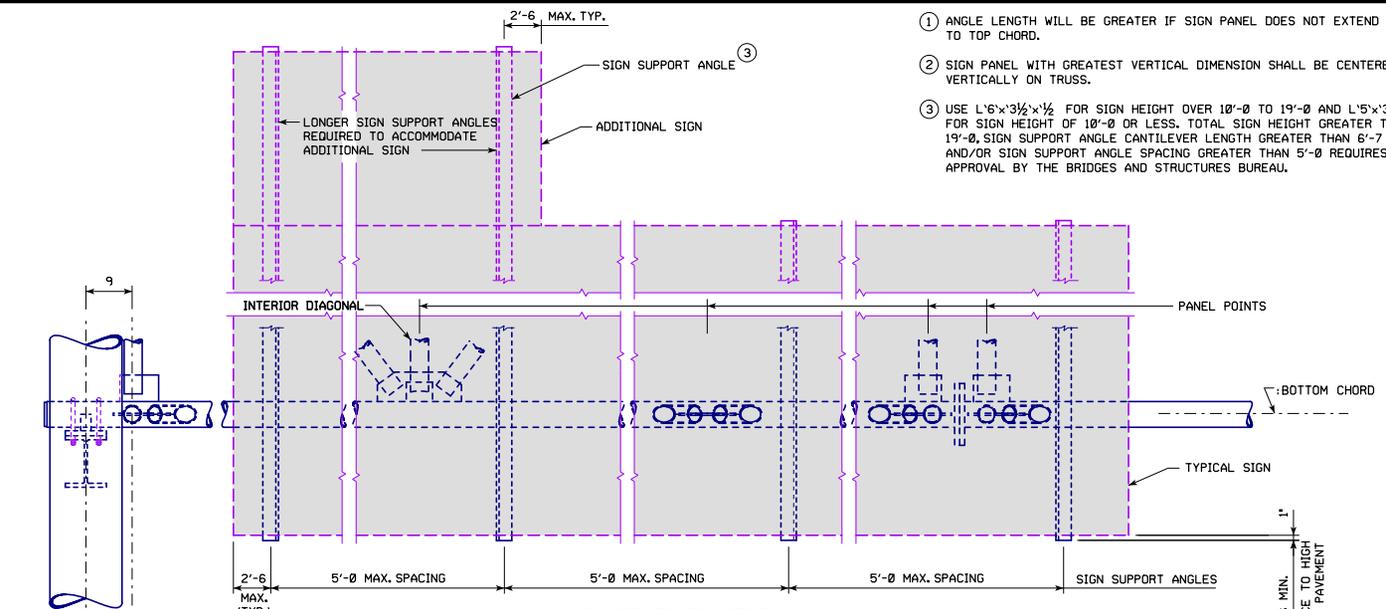


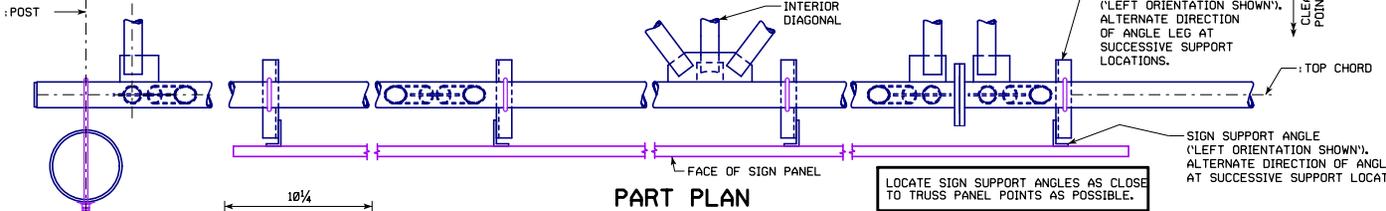
3/4" REVISION 03-2019; CORRECTED DIMENSIONS SHOWN FOR L 3 x 3 x 3/8 IN TYPICAL SIGN PANEL SECTION AND SECTION F-F. REMOVED NONESSENTIAL WASHER UNDER BOLT HEAD IN SECTION F-F. REPLACE NOTE IDENTIFIER AS FRISKS WITH ENCIRCLED NUMBERS TO IMPROVE READABILITY. UPDATED BRIDGE ENGINEER SIGNATURE.
 2/6 REVISION 04-2026; CHANGED OFFICE OF BRIDGES AND STRUCTURES TO "BRIDGES AND STRUCTURES BUREAU" DESIGNATED L'3'x'3'x'3/8x'1'-6 AS A MATING ANGLE FOR CLARITY IN TYPICAL SIGN PANEL FOR BOTH SIGN SUPPORT ANGLES AND MATING ANGLES. ADDITIONAL DETAIL TO SECTION F-F AND MODIFIED CALLOUTS TO CLARIFY THAT DIRECTION OF ANGLE LEG IS TO ALTERNATE AT SUCCESSIVE SUPPORTS
 3/4" STEEL OVERHEAD SIGN TRUSS.DGN - SOST-11-11 - THIS SHEET ISSUED 09-2011.



TYPICAL SIGN PANEL SECTION

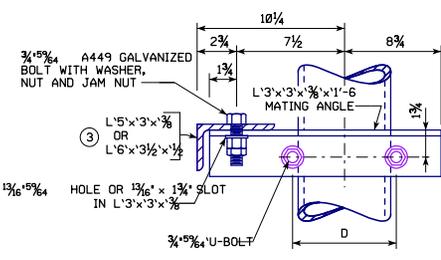


PART ELEVATION

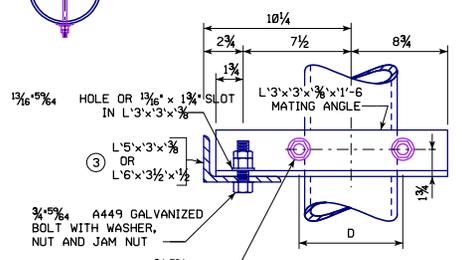


PART PLAN

- ① ANGLE LENGTH WILL BE GREATER IF SIGN PANEL DOES NOT EXTEND UP TO TOP CHORD.
- ② SIGN PANEL WITH GREATEST VERTICAL DIMENSION SHALL BE CENTERED VERTICALLY ON TRUSS.
- ③ USE L'6'x'3'1/2'x'3/8 FOR SIGN HEIGHT OVER 10'-0 TO 19'-0 AND L'5'x'3'x'3/8 FOR SIGN HEIGHT OF 10'-0 OR LESS. TOTAL SIGN HEIGHT GREATER THAN 19'-0, SIGN SUPPORT ANGLE CANTILEVER LENGTH GREATER THAN 6'-7 AND/OR SIGN SUPPORT ANGLE SPACING GREATER THAN 5'-0 REQUIRES APPROVAL BY THE BRIDGES AND STRUCTURES BUREAU.



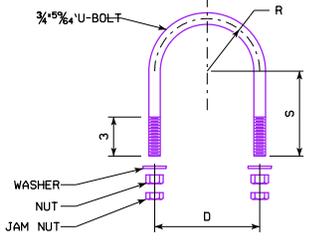
(LEFT ORIENTATION)



(RIGHT ORIENTATION)

SECTION F-F

ALTERNATE DIRECTION OF SIGN SUPPORT ANGLE LEG AND MATING ANGLE LEG AT SUCCESSIVE SUPPORTS AS SHOWN IN PART PLAN.



U-BOLT DETAIL

LOCATE SIGN SUPPORT ANGLES AS CLOSE TO TRUSS PANEL POINTS AS POSSIBLE.

U-BOLT DIMENSION TABLE				
SPAN	TRUSS CHORD	U-BOLT DIMENSIONS		
		D	R	S
50' - 100'	5\"/>			
105' - 130'	6\"/>			

LATEST REVISION DATE
 04-2020
 APPROVED BY BRIDGE ENGINEER

IOWADOT Highway Division
 STANDARD DESIGN
STEEL OVERHEAD SIGN TRUSS
 SEPTEMBER, 2011
 SIGN ATTACHMENT DETAILS
 50'-130' SPANS
SOST-11-11