## STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION



Image       Support       Design       Loads       See       Base mase:         Contract # 72A18         Support Design Loads: See Base Sheet OS-A-1 for design and loading criteria.         Load combinations checked include deadload plus:         a) 100% wind normal to sign, 20% parallel to sign         b) 60% wind normal to sign, 20% parallel to sign         c) In lieu of fabricated handhole frame as shown, may cut from 2" plate (ralling direction vertical). All cut faces to be ground to ANSI Roughness of 500 min or less.         c) Galvanizing vent holes of adequate size shall be provided on underside at each end of bracing pipes. Alternately, holes may be provided in wall of pipe column. All vent holes shall be drilled and de burred, typ.         c) Steel pipe, plate, carbon steel handhole covers and rolled sections shall be drilled and de burred, typ.         c) Steel pipe, plate, carbon steel handhole covers and rolled sections shall be drilled on de burred, typ.         c) Steel pipe, blate, work of adequate size shall be grouided for fabrication. Painting is not permitted. See Base Sheet OS-A-1.         c) Dimensions shown are based on selection criteria in the Sign Structures Manual. Nonstandard applications must hove dimensions verified or anended as appropriate.         c) "H" based on 15'-0'' or actual sign height, whichever is greater.         * For dynamic message sign installations, provide upper and lower handholes in bath legs of each support frame.         Structure Station Support frame.				ROUTE NO.	SECTION	COUNTY		TOTAL SHEETS	S-EET	SHE	SHEET NO.	
In lieu artice:       Luce Texas:         Contract # 72A18         Support Design Loads: See Base Sheet OS-A-1 for design and loading criteria.         Load combinations checked include deadload plus:         a) 1007 wind normal to sign, 202 parallel to sign         b) 607, wind normal to sign, 302, parallel to sign         c) In lieu of fabricated handhole frame as shown, may cut from 2'' plate (rolling direction vertical). All cut faces to be ground to ANSI Roughness of 500 min or less.         c) Galvanizing vent holes of adequate size shall be provided on underside at each end of bracing pipes. Alternately, holes may be provided in wall of pipe column. All vent holes shall be drilled and de-burred, typ.         c) Seele pipe, plate, carbon steel handhole covers and rolled sections shall be hot big galvanized after fabrication. Painting is not permitted. See Base Sheet OS-A-1.         c) See General Notes for fasteners.         c) The based on 15'-0'' or actual sign height, whichever is greater.         c) "H" based on 15'-0'' or actual sign height, whichever is greater.         Structure       Station         Mumber       Station         Structure       Station         Mumber       Station         Atom Less in both legs of each support frame.					D-6 /TS #2	SAN	GAMON	30	17	1-	SHEETS	
Support Design Loads:       See Base Sheet OS-A-1 for design and loading criteria.         Load combinations checked include deadload plus:       a) 1002, wind normal to sign, 202, parallel to sign b) 602, wind normal to sign, 302, parallel to sign b) 602, wind normal to sign, 302, parallel to sign         In lieu of fabricated handhale frame as shown, may cut from 2'' plate (rolling direction vertical). All cut faces to be ground to ANSI Roughness of 500 min or less.         Ø Galvanizing vent holes of adequate size shall be provided an underside at each end of bracing pipes. Alternately, holes shall be drilled and de-burred, typ.         Ø Steel pipe, plate, carbon steel handhale covers and rolled sections shall be hol dip galvanized after fabrication. Painting is not permitted. See Base Sheet OS-A-1.         Ø See General Notes for fasteners.         Ø Dimensions shown are based on selection criteria in the Sign Structures Manual. Nonstandard applications must have dimensions verified or amended as appropriate.         Ø "H" based on 15'-0'' or actual sign height, whichever is greater.         • For dynamic message sign installations, provide upper and lower handholes in both legs of each support frame.         Structure       Station <u>Mather Pipe Wall H</u> A <u>0841072R090.2</u> <u>467+50.00</u> <u>x</u> <u>0841072L106.3</u> 171+700.00 <u>x</u> 0.33       30'-7'g' 21'-6'g''						ILL NOIS	FED. AID	PROJECT-				
<ul> <li>In lieu of fabricated handhole frame as shown, may cut from 2" plate (rolling direction vertical). All cut faces to be ground to ANSI Roughness of 500 min or less.</li> <li>Galvanizing vent holes of adequate size shall be provided on underside at each end of bracing pipes. Alternately, holes may be provided in wall of pipe column. All vent holes shall be drilled and de-burred, typ.</li> <li>Steel pipe, plate, carbon steel handhole covers and rolled sections shall be hot dip galvanized after fabrication. Painting is not permitted. See Base Sheet OS-A-1.</li> <li>See General Notes for fasteners.</li> <li>Dimensions shown are based on selection criteria in the Sign Structures Manual. Nonstandard applications must have dimensions verified or amended as appropriate.</li> <li>"H" based on 15'-0" or actual sign height, whichever is greater.</li> <li>Far dynamic message sign installations, provide upper and lower handholes in both legs of each support frame.</li> </ul>		and L( a) 1	upport D loading oad comb 00% wind	esign Lc criteria. binations d normal	oads: checki to sig	See E ed inc n, 20	lude d X par	leadload µ allel to s	olus: ign	for de	sign	
on underside at each end of bracing pipes. Alternately, holes may be provided in wall of pipe column. All vent holes shall be drilled and de-burred, typ.         ③ Steel pipe, plate, carbon steel handhole covers and rolled sections shall be hot dip galvanized after fabrication. Painting is not permitted. See Base Sheet OS-A-1.         ④ See General Notes for fasteners.         ⑤ Dimensions shown are based on selection criteria in the Sign Structures Manual. Nonstandard applications must have dimensions verified or amended as appropriate.         ⑥ "H" based on 15'-0'' or actual sign height, whichever is greater.         * For dynamic message sign installations, provide upper and lower handholes in both legs of each support frame.         Structure       Station         Structure       Station         Station       Support         Pipe Wall       H         A       0.33         30'-7 <sup>7</sup> g" 21'-6 <sup>1</sup> g"         0841072L106.3       171*700.00		]) In fr to	n lieu of com 2'' p	fabricat blate (rol	ed han ling dir	dhole ectior	frame n verti	as show	rn, ma	faces		
Sections shall be hot dip galvanized after fabrication. Painting is not permitted. See Base Sheet OS-A-I.         (4) See General Notes for fasteners.         (5) Dimensions shown are based on selection criteria in the Sign Structures Manual. Nonstandard applications must have dimensions verified or amended as appropriate.         (6) "H" based on 15'-0'' or actual sign height, whichever is greater.         * For dynamic message sign installations, provide upper and lower handholes in both legs of each support frame.         Structure       Station         Structure       Station         VB841072R090.2       467+50.00         X       0.33         30'-7'g" 21'-6'g"         0841072L106.3       171+700.00	on underside at each end of bracing pipes. Alt holes may be provided in wall of pipe column.							Alter	nately,			
(5) Dimensions shown are based on selection criteria in the Sign Structures Manual. Nonstandard applications must have dimensions verified or amended as appropriate.         (6) "H" based on 15'-0'' or actual sign height, whichever is greater.         * For dynamic message sign installations, provide upper and lower handholes in both legs of each support frame.         Structure Number       Station         Structure Number       Station         Structure Number       Station         Station       Support         Pipe Wall       H         A       0.33         0841072R090.2       467*50.00         X       0.33         30'-77'8"         21'-6'8"         0841072L106.3       171*700.00	(	<i>s</i> e	ctions s	ons shall be hot dip galvanized after fabrication.								
Sign Structures Manual. Nonstandard applications must have dimensions verified or amended as appropriate.(a) "H" based on 15'-0'' or actual sign height, whichever is greater.* For dynamic message sign installations, provide upper and lower handholes in both legs of each support frame.Structure NumberStationStructure NumberStationStationSupport LeftRightMickness0841072R090.2467+50.00X0.3330'-7'g" 21'-6'g"0841072L106.3171+700.00X0.3332'-'2" 22'-103	(	4) Se	ee General Notes for fasteners.									
* For dynamic message sign installations, provide upper and lower handholes in both legs of each support frame. Structure Station $\begin{array}{c c c c c c c c c c c c c c c c c c c $	(	Si	ign Struc	tures Ma	anual.	Nons	tandar	d applica	tions	must		
Structure Number       Station       Support Left       Pipe Wall Right       H ( $6$ )       A         0841072R090.2       467+50.00       X       0.33       30'-7 $\frac{7}{8}$ "       21'-6 $\frac{1}{8}$ "         0841072L106.3       171+700.00       X       0.33       32'- $\frac{1}{2}$ "       22'-10 $\frac{3}{4}$	(	6) "н'	' based d	on 15'-0	" or a	ctual	sign h	neight, wh	nichev	er is g	greater.	
Station         Left         Right         Thickness         G         A           D841072R090.2         467+50.00         X         0.33         30'-77g"         21'-6g"           X         0.33         30'-77g"         21'-6g"         21'-6g"           0841072L106.3         171+700.00         X         0.33         32'-2"         22'-1034									е ирр	er ana	l lower	
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$		)	Si	Station				•			A	
0841072L106.3 171+700.00 X 0.33 32'- 2" 22'- 10 <sup>3</sup>	0841072R0	090.2	46	7+50.00		_	<b>,</b>	0.33	30		21'-6'8"	
							x					
X 0.33 29'-6 <sup>5</sup> 8" 20'-4 <sup>7</sup> 8	0841072L1	0841072L106.3		+ 700.00	, <u>x</u>	<u>,</u>		0.33	3	2'-12"	22′-10 <sup>3</sup> 2	
							X	0.33	29	9′-6 <sup>5</sup> 8″	20'-4 <sup>7</sup> 8	
						+						



F.A.I. 72 (1-72) SECTION D-6 ITS #2 SANGAMON COUNTY