

SUPPORT

SIGN STRUCTURE TYPE VIA	BASE CONNECTION DATA TABLE																				FUSE AND HINGE PLATE DATA TABLE					BOLT KEEPER PLATE DATA TABLE				
	A	B	C	D	E	T ₁	T ₂	W	R	BOLT DIA.	a	b	c	d	g	g/2	BOLT DIA.	A	B	C	D	E								
	AA	7"	2 ³ / ₄ "	2"	4"	1 ¹ / ₂ "	1 ¹ / ₈ "	3 ¹ / ₄ "	5 ¹ / ₁₆ "	1 ⁷ / ₃₂ "	3 ¹ / ₄ "	6"	7 ¹ / ₁₆ "	1 ¹ / ₁₆ "	7 ⁷ / ₈ "	3 ¹ / ₂ "	1 ³ / ₄ "	1"	7"	23 ¹ / ₄ "	3 ³ / ₄ "	1 ¹ / ₂ "	3"							
BB	7"	2 ³ / ₄ "	2"	4"	1 ¹ / ₂ "	1 ¹ / ₈ "	3 ¹ / ₄ "	5 ¹ / ₁₆ "	1 ⁷ / ₃₂ "	3 ¹ / ₄ "	6"	1 ¹ / ₂ "	1 ¹ / ₁₆ "	7 ⁷ / ₈ "	3 ¹ / ₂ "	1 ³ / ₄ "	1"	7"	23 ³ / ₈ "	7 ⁷ / ₈ "	1 ¹ / ₂ "	3"								
CC	6"	2 ¹ / ₄ "	1 ³ / ₈ "	3 ¹ / ₂ "	1 ¹ / ₄ "	7 ⁷ / ₈ "	5 ⁷ / ₈ "	1 ¹ / ₄ "	1 ¹ / ₃₂ "	5 ⁷ / ₈ "	4"	3 ³ / ₈ "	7 ⁷ / ₈ "	3 ³ / ₄ "	2 ¹ / ₄ "	1 ¹ / ₈ "	5 ⁷ / ₈ "	6"	16 ⁵ / ₈ "	7 ⁷ / ₈ "	1 ¹ / ₄ "	2 ¹ / ₂ "								
DD	6"	2 ¹ / ₄ "	1 ³ / ₈ "	3 ¹ / ₂ "	1 ¹ / ₄ "	7 ⁷ / ₈ "	5 ⁷ / ₈ "	1 ¹ / ₄ "	1 ¹ / ₃₂ "	3 ¹ / ₄ "	5"	5 ¹ / ₁₆ "	1 ¹ / ₁₆ "	7 ⁷ / ₈ "	2 ³ / ₄ "	1 ³ / ₈ "	3 ³ / ₄ "	6"	18 ¹ / ₄ "	7 ⁷ / ₈ "	1 ¹ / ₄ "	2 ¹ / ₂ "								
EE	6"	2 ¹ / ₄ "	1 ³ / ₈ "	3 ¹ / ₂ "	1 ¹ / ₄ "	7 ⁷ / ₈ "	5 ⁷ / ₈ "	1 ¹ / ₄ "	1 ¹ / ₃₂ "	3 ¹ / ₄ "	5"	5 ¹ / ₁₆ "	1 ¹ / ₁₆ "	7 ⁷ / ₈ "	2 ³ / ₄ "	1 ³ / ₈ "	3 ³ / ₄ "	6"	18 ¹ / ₄ "	3 ³ / ₄ "	1 ¹ / ₄ "	2 ¹ / ₂ "								
FF	7"	2 ³ / ₄ "	2"	4"	1 ¹ / ₂ "	1"	3 ¹ / ₄ "	5 ¹ / ₁₆ "	1 ⁵ / ₃₂ "	3 ¹ / ₄ "	5"	7 ¹ / ₁₆ "	1 ¹ / ₁₆ "	7 ⁷ / ₈ "	2 ³ / ₄ "	1 ³ / ₈ "	7 ⁷ / ₈ "	7"	19 ³ / ₈ "	3 ³ / ₄ "	1 ¹ / ₂ "	3"								
GG	7"	2 ³ / ₄ "	2"	4"	1 ¹ / ₂ "	1 ¹ / ₈ "	3 ¹ / ₄ "	5 ¹ / ₁₆ "	1 ⁵ / ₃₂ "	3 ¹ / ₄ "	5 ¹ / ₂ "	7 ¹ / ₁₆ "	1 ¹ / ₁₆ "	7 ⁷ / ₈ "	2 ³ / ₄ "	1 ³ / ₈ "	7 ⁷ / ₈ "	7"	21 ³ / ₈ "	3 ³ / ₄ "	1 ¹ / ₂ "	3"								
HH	7"	2 ³ / ₄ "	2"	4"	1 ¹ / ₂ "	1 ¹ / ₈ "	3 ¹ / ₄ "	5 ¹ / ₁₆ "	1 ⁷ / ₃₂ "	7 ⁷ / ₈ "	5 ¹ / ₂ "	7 ¹ / ₁₆ "	1 ¹ / ₄ "	1"	2 ³ / ₄ "	1 ³ / ₈ "	1"	7"	21 ³ / ₈ "	3 ³ / ₄ "	1 ¹ / ₂ "	3"								
JJ	7"	2 ³ / ₄ "	2"	4"	1 ¹ / ₂ "	1 ¹ / ₈ "	3 ¹ / ₄ "	5 ¹ / ₁₆ "	1 ⁷ / ₃₂ "	7 ⁷ / ₈ "	6"	7 ¹ / ₁₆ "	1 ¹ / ₄ "	1"	3 ¹ / ₂ "	1 ³ / ₄ "	1"	7"	23 ¹ / ₄ "	3 ³ / ₄ "	1 ¹ / ₂ "	3"								
KK	7"	2 ³ / ₄ "	2"	4"	1 ¹ / ₂ "	1 ¹ / ₈ "	3 ¹ / ₄ "	5 ¹ / ₁₆ "	1 ⁷ / ₃₂ "	7 ⁷ / ₈ "	6"	1 ¹ / ₂ "	1 ¹ / ₄ "	1"	3 ¹ / ₂ "	1 ³ / ₄ "	1"	7"	23 ³ / ₈ "	3 ³ / ₄ "	1 ¹ / ₂ "	3"								
LL	8"	3"	2 ¹ / ₄ "	4 ¹ / ₂ "	1 ³ / ₄ "	1 ¹ / ₄ "	3 ³ / ₄ "	3 ³ / ₈ "	1 ⁷ / ₃₂ "	7 ⁷ / ₈ "	6 ¹ / ₂ "	7 ¹ / ₁₆ "	1 ¹ / ₄ "	1"	3 ¹ / ₂ "	1 ³ / ₄ "	1"	8"	26 ⁵ / ₈ "	3 ³ / ₄ "	1 ³ / ₄ "	3 ¹ / ₂ "								
MM	8"	3"	2 ¹ / ₄ "	4 ¹ / ₂ "	1 ³ / ₄ "	1 ¹ / ₄ "	3 ³ / ₄ "	3 ³ / ₈ "	1 ⁷ / ₃₂ "	7 ⁷ / ₈ "	6 ¹ / ₂ "	7 ¹ / ₁₆ "	1 ¹ / ₄ "	1"	3 ¹ / ₂ "	1 ³ / ₄ "	1"	8"	26 ⁵ / ₈ "	3 ³ / ₄ "	1 ³ / ₄ "	3 ¹ / ₂ "								
NN	8"	3"	2 ¹ / ₄ "	4 ¹ / ₂ "	1 ³ / ₄ "	1 ¹ / ₄ "	3 ³ / ₄ "	3 ³ / ₈ "	1 ⁹ / ₃₂ "	7 ⁷ / ₈ "	6 ¹ / ₂ "	7 ¹ / ₁₆ "	1 ¹ / ₄ "	1"	3 ¹ / ₂ "	1 ³ / ₄ "	1 ¹ / ₈ "	8"	26 ⁵ / ₈ "	3 ³ / ₄ "	1 ³ / ₄ "	3 ¹ / ₂ "								
OO	5"	2"	1 ¹ / ₄ "	2 ³ / ₄ "	1 ¹ / ₈ "	3 ³ / ₄ "	1 ¹ / ₂ "	1 ¹ / ₄ "	1 ¹ / ₃₂ "	5 ⁷ / ₈ "	4"	1 ¹ / ₄ "	7 ⁷ / ₈ "	3 ³ / ₄ "	2 ¹ / ₄ "	1 ¹ / ₈ "	5 ⁷ / ₈ "	5"	16"	3 ³ / ₄ "	1 ¹ / ₈ "	2 ¹ / ₄ "								
PP	6"	2 ¹ / ₄ "	1 ³ / ₈ "	3 ¹ / ₂ "	1 ¹ / ₄ "	7 ⁷ / ₈ "	5 ⁷ / ₈ "	1 ¹ / ₄ "	1 ¹ / ₃₂ "	3 ¹ / ₄ "	4"	3 ³ / ₈ "	1 ¹ / ₁₆ "	7 ⁷ / ₈ "	2 ¹ / ₄ "	1 ¹ / ₈ "	3 ³ / ₄ "	6"	16 ⁵ / ₈ "	7 ⁷ / ₈ "	1 ¹ / ₄ "	2 ¹ / ₂ "								
QQ	6"	2 ¹ / ₄ "	1 ³ / ₈ "	3 ¹ / ₂ "	1 ¹ / ₈ "	7 ⁷ / ₈ "	5 ⁷ / ₈ "	1 ¹ / ₄ "	1 ¹ / ₃₂ "	3 ¹ / ₄ "	4"	7 ¹ / ₁₆ "	1 ¹ / ₁₆ "	7 ⁷ / ₈ "	2 ¹ / ₄ "	1 ¹ / ₈ "	3 ³ / ₄ "	6"	16 ³ / ₄ "	7 ⁷ / ₈ "	1 ¹ / ₄ "	2 ¹ / ₂ "								
RR	7"	2 ³ / ₄ "	2"	4"	1 ¹ / ₂ "	1"	3 ¹ / ₄ "	5 ¹ / ₁₆ "	1 ¹ / ₃₂ "	3 ¹ / ₄ "	5"	7 ¹ / ₁₆ "	1 ¹ / ₁₆ "	7 ⁷ / ₈ "	2 ³ / ₄ "	1 ³ / ₈ "	3 ³ / ₄ "	7"	19 ³ / ₈ "	3 ³ / ₄ "	1 ¹ / ₂ "	3"								
SS	7"	2 ³ / ₄ "	2"	4"	1 ¹ / ₂ "	1"	3 ¹ / ₄ "	5 ¹ / ₁₆ "	1 ⁵ / ₃₂ "	3 ¹ / ₄ "	5"	7 ¹ / ₁₆ "	1 ¹ / ₁₆ "	7 ⁷ / ₈ "	2 ³ / ₄ "	1 ³ / ₈ "	7 ⁷ / ₈ "	7"	19 ³ / ₈ "	3 ³ / ₄ "	1 ¹ / ₂ "	3"								
TT	7"	2 ³ / ₄ "	2"	4"	1 ¹ / ₂ "	1 ¹ / ₈ "	3 ¹ / ₄ "	5 ¹ / ₁₆ "	1 ⁵ / ₃₂ "	3 ¹ / ₄ "	5 ¹ / ₂ "	7 ¹ / ₁₆ "	1 ¹ / ₁₆ "	7 ⁷ / ₈ "	2 ³ / ₄ "	1 ³ / ₈ "	7 ⁷ / ₈ "	7"	21 ³ / ₈ "	3 ³ / ₄ "	1 ¹ / ₂ "	3"								
UU	7"	2 ³ / ₄ "	2"	4"	1 ¹ / ₂ "	1 ¹ / ₈ "	3 ¹ / ₄ "	5 ¹ / ₁₆ "	1 ⁵ / ₃₂ "	3 ¹ / ₄ "	5 ¹ / ₂ "	7 ¹ / ₁₆ "	1 ¹ / ₁₆ "	7 ⁷ / ₈ "	2 ³ / ₄ "	1 ³ / ₈ "	7 ⁷ / ₈ "	7"	21 ³ / ₈ "	3 ³ / ₄ "	1 ¹ / ₂ "	3"								
VV	7"	2 ³ / ₄ "	2"	4"	1 ¹ / ₂ "	1 ¹ / ₈ "	3 ¹ / ₄ "	5 ¹ / ₁₆ "	1 ⁷ / ₃₂ "	3 ¹ / ₄ "	6"	7 ¹ / ₁₆ "	1 ¹ / ₁₆ "	7 ⁷ / ₈ "	3 ¹ / ₂ "	1 ³ / ₄ "	1"	7"	23 ¹ / ₄ "	3 ³ / ₄ "	1 ¹ / ₂ "	3"								
WW	7"	2 ³ / ₄ "	2"	4"	1 ¹ / ₂ "	1 ¹ / ₈ "	3 ¹ / ₄ "	5 ¹ / ₁₆ "	1 ⁷ / ₃₂ "	3 ¹ / ₄ "	6"	7 ¹ / ₁₆ "	1 ¹ / ₁₆ "	7 ⁷ / ₈ "	3 ¹ / ₂ "	1 ³ / ₄ "	1"	7"	23 ¹ / ₄ "	3 ³ / ₄ "	1 ¹ / ₂ "	3"								
XX	7"	2 ³ / ₄ "	2"	4"	1 ¹ / ₂ "	1 ¹ / ₄ "	3 ¹ / ₄ "	5 ¹ / ₁₆ "	1 ⁷ / ₃₂ "	3 ¹ / ₄ "	6"	1 ¹ / ₂ "	1 ¹ / ₁₆ "	7 ⁷ / ₈ "	3 ¹ / ₂ "	1 ³ / ₄ "	1"	7"	23 ³ / ₈ "	3 ³ / ₄ "	1 ¹ / ₂ "	3"								
YY	8"	3"	2 ¹ / ₄ "	4 ¹ / ₂ "	1 ³ / ₄ "	1 ¹ / ₄ "	3 ³ / ₄ "	3 ³ / ₈ "	1 ⁷ / ₃₂ "	3 ¹ / ₄ "	6 ¹ / ₂ "	7 ¹ / ₁₆ "	1 ¹ / ₁₆ "	7 ⁷ / ₈ "	3 ¹ / ₂ "	1 ³ / ₄ "	1"	8"	26 ⁵ / ₈ "	3 ³ / ₄ "	1 ³ / ₄ "	3 ¹ / ₂ "								
ZZ	7"	2 ³ / ₄ "	2"	4"	1 ¹ / ₂ "	1"	3 ¹ / ₄ "	5 ¹ / ₁₆ "	1 ⁵ / ₃₂ "	7 ⁷ / ₈ "	6 ¹ / ₂ "	7 ¹ / ₁₆ "	1 ¹ / ₄ "	1"	2 ³ / ₄ "	1 ³ / ₈ "	7 ⁷ / ₈ "	7"	19 ³ / ₈ "	3 ³ / ₄ "	1 ¹ / ₂ "	3"								



ROAD AND BRIDGE STANDARDS

SHEET 9 OF 10

REVISION DATE

1323.18

INTERSTATE SIGN STRUCTURE INSTALLATION DETAILS

VIRGINIA DEPARTMENT OF TRANSPORTATION

SPECIFICATION
REFERENCE

700