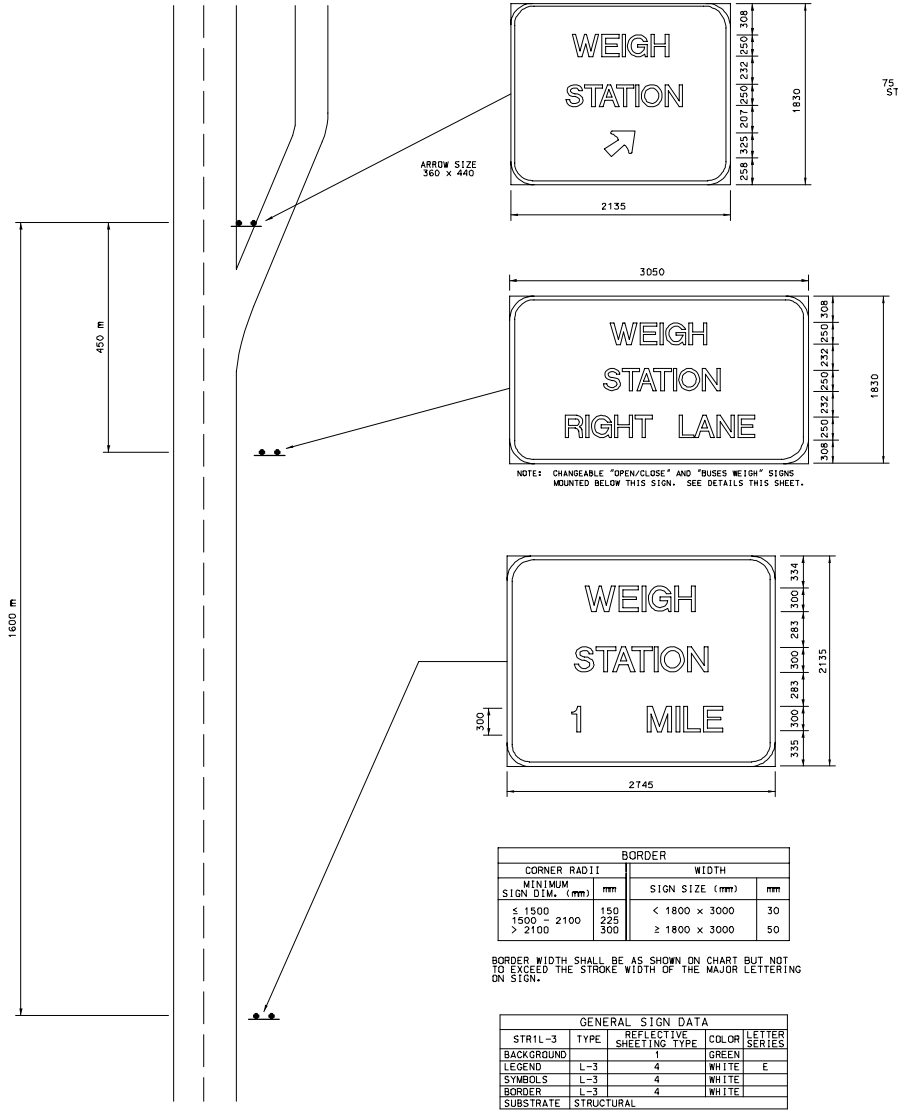
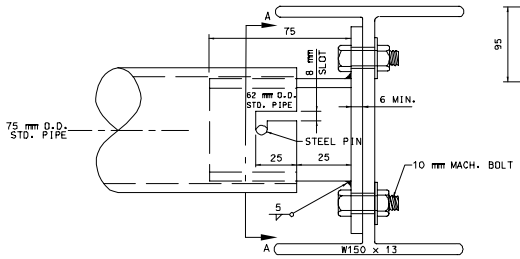


BORDER			
CORNER RADII		WIDTH	
MINIMUM SIGN DIM. (mm)	mm	SIGN SIZE (mm)	mm
≤ 1500	150	< 1800 x 3000	30
1500 - 2100	225	≥ 1800 x 3000	50
> 2100	300		

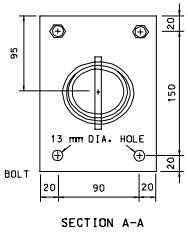
BORDER WIDTH SHALL BE AS SHOWN ON CHART BUT NOT TO EXCEED THE STROKE WIDTH OF THE MAJOR LETTERING ON SIGN.

GENERAL SIGN DATA				
STR1L-3	TYPE	REFLECTIVE SHEETING TYPE	COLOR	LETTER SERIES
BACKGROUND		1	GREEN	
LEGEND	L-3	4	WHITE	E
SYMBOLS	L-3	4	WHITE	
BORDER	L-3	4	WHITE	
SUBSTRATE	STRUCTURAL			

GUIDE SIGN DETAIL



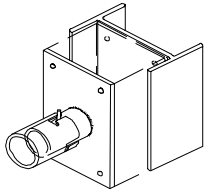
ASSEMBLY SHALL BE GALVANIZED AFTER FABRICATION



SECTION A-A

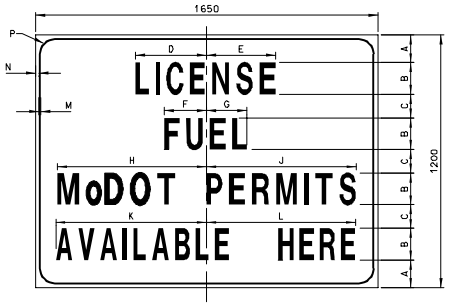
MATERIAL LIST		
NO.	DESCRIPTION	Kg
2	6 mm STEEL PLATE	1.02
1	75 mm STANDARD PIPE	14.71
2	62 mm STANDARD PIPE	1.76
8	10 mm GALV. MACH. BOLT	
8	GALV. WASHER	

PLAN VIEW



ISOMETRIC VIEW

BUSES WEIGH MOUNTING ASSEMBLY



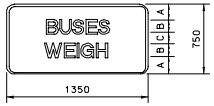
SIGN	A	B	C	D	E	F	G	H	J	K	L	M	N	P
R21-1	131	150	113	343	333	203	194	721	721	727	718	9	16	75

GENERAL SIGN DATA				
SHR1L-1	TYPE	REFLECTIVE SHEETING TYPE	COLOR	LETTER SERIES
BACKGROUND		1	WHITE	
LEGEND	L-1		BLACK	C
SYMBOLS				
BORDER	L-1		BLACK	
SUBSTRATE	SHEET			

PERMIT SIGN DETAIL

OPEN CLOSED

FOR OPEN AND CLOSED SIGN SEE SPECIAL PROVISIONS



A = 165 mm
B = 150 mm
C = 120 mm

MAXIMUM HEIGHT FROM BOTTOM OF BUSES WEIGH SIGN TO GROUND SHALL BE 1500 mm.

GENERAL SIGN DATA				
SHR1L-3	TYPE	REFLECTIVE SHEETING TYPE	COLOR	LETTER SERIES
BACKGROUND		1	GREEN	
LEGEND	L-3	4	WHITE	E
SYMBOLS				
BORDER	L-3	4	WHITE	
SUBSTRATE	SHEET			

CHANGEABLE SIGN DETAIL

SUBSTRATE

ST STRUCTURAL
SH SHEET

REFLECTIVE SHEETING

R1 ENGINEERING GRADE
R2 HIGH INTENSITY
R3 DIAMOND GRADE
R4 WIDE ANGLE PRISMATIC

LEGEND, SYMBOLS, & BORDER

L-1 SCREEN PRINT
L-3 DIRECT APPLIED (CUT FROM MATERIAL SHOWN ON PLANS.)

GENERAL NOTES:

ALL DIMENSIONS SHOWN ARE IN mm UNLESS OTHERWISE NOTED.

DESIGN SPECS: AASHTO STANDARD SPECIFCATIONS FOR STRUCTURAL SUPPORTS FOR HIGHWAY SIGNS, LUMINARES, AND TRAFFIC SIGNALS - 1975.

MATERIALS AND FABRICATION SHALL CONFORM TO THE REQUIREMENTS OF THE STATE HIGHWAY AND TRANSPORTATION COMMISSION STANDARD SPECIFICATIONS AND PROVISIONS.

MISSOURI HIGHWAY AND TRANSPORTATION COMMISSION

HIGHWAY SIGNING

WEIGH STATION

DATE: _____ EFFECTIVE: 01-01-1999 M903.04E 1/1