

**PAVEMENT INSTALLATION SEQUENCE**

- 1. SIGN POST ANCHOR DRIVEN PARTIALLY INTO SUBGRADE USING A DRIVE CAP WITH SLEDGE OR POWER EQUIPMENT PRIOR TO THE PLACEMENT OF THE PAVEMENT.
- 2. ANCHOR SLEEVE SLIPPED OVER ANCHOR AND DRIVEN INTO SUBGRADE TOGETHER WITH THE SIGN POST ANCHOR PRIOR TO THE PLACEMENT OF THE PAVEMENT.
- 3. INSERT SIGN POST INTO THE POST ANCHOR AND BOLT IN PLACE.

**GROUND INSTALLATION SEQUENCE**

- 1. SIGN POST ANCHOR DRIVEN PARTIALLY INTO THE GROUND USING A DRIVE CAP WITH SLEDGE OR POWER EQUIPMENT.
- 2. ANCHOR SLEEVE SLIPPED OVER ANCHOR AND DRIVEN INTO THE GROUND TOGETHER WITH THE SIGN POST ANCHOR.
- 3. INSERT SIGN POST INTO THE POST ANCHOR AND BOLT IN PLACE.

NOTE: IN ALL INSTALLATIONS THE FIRST HOLE ABOVE THE FINISHED GRADE LEVEL IN ALL THREE UNITS MUST BE IN LINE FOR INSERTION OF THE CORNER BOLT.

ALL CORNER BOLTS AND NUTS FOR FASTENING THE SIGNS AND SIGN POST ASSEMBLY AND ALL WASHERS SHALL COMPLY WITH APPROPRIATE SECTIONS OF THE STANDARD SPECIFICATIONS (LATEST EDITION) AND SHALL BE A SUBSIDIARY ITEM.

NOTE: ALL SPEED CONTROL SIGNS, ROUTE MARKERS & STREET NAME SIGNS WITHIN THE LIMITS OF CONSTRUCTION SHALL BE REMOVED PRIOR TO CONSTRUCTION AND REPLACED IN APPROXIMATELY THE SAME LOCATION, AS DIRECTED BY THE ENGINEER WHEN CONSTRUCTION IS COMPLETED, AS SUBSIDIARY ITEMS UNLESS OTHERWISE INDICATED IN THE PLANS OR GENERAL NOTES.

ALL LETTER, NUMBER & SYMBOL SIZES, SPACING & COLORS AND THE SIGN COLORS SHALL CONFORM TO THE CURRENT "MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES."

ALL SIGN MATERIAL TO BE 0.08" THICK ALUMINUM WITH HIGH INTENSITY SHEETING UNLESS OTHERWISE SPECIFIED. (SEE SPECS.)

**MATERIAL REQUIREMENTS**

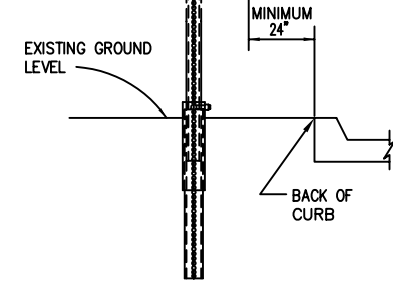
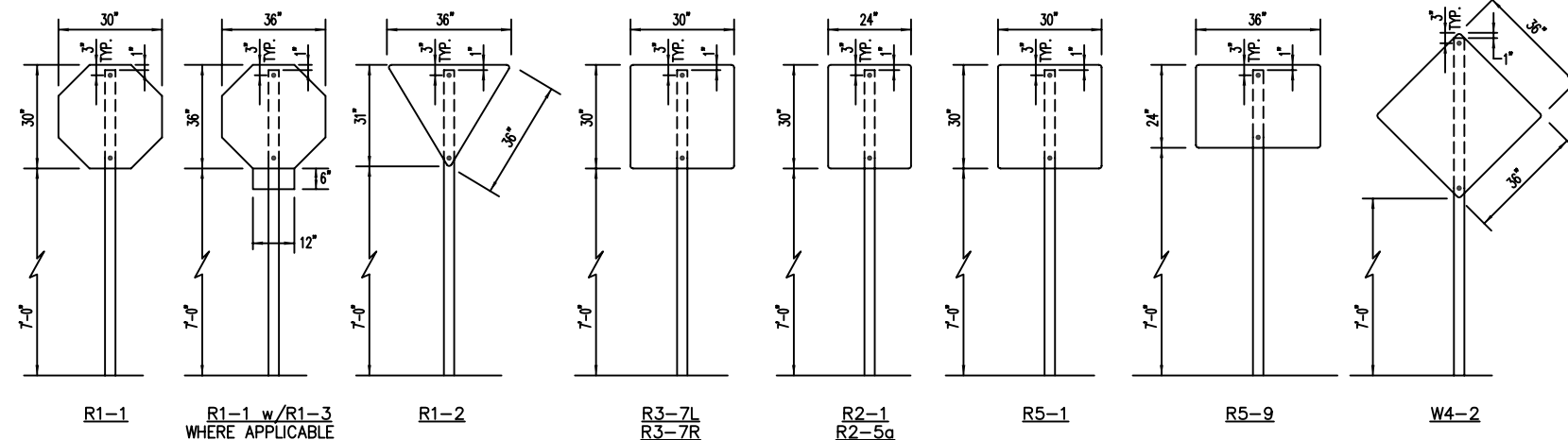
SIGN POSTS, POST ANCHORS, AND POST ANCHOR SLEEVES:  
 THE SIGN POSTS, POST ANCHORS, AND POST ANCHOR SLEEVES SHALL BE GALVANIZED FINISH HOT ROLLED CARBON STEEL, ASTM A-446 GRADE A WITH A GALVANIZING CONFORMING TO ASTM A-525, DESIGNATION G-90.  
 THE SIGN POST SHALL HAVE 7/16" DIA. HOLES AT 1" CENTERS ON ALL FOUR SIDES FOR TOTAL LENGTH OF POST.

THE POST ANCHOR AND POST ANCHOR SLEEVE SHALL BE FURNISHED WITH THE BOLT HOLES ON ALL FOUR SIDES ALONG THE ENTIRE LENGTH.

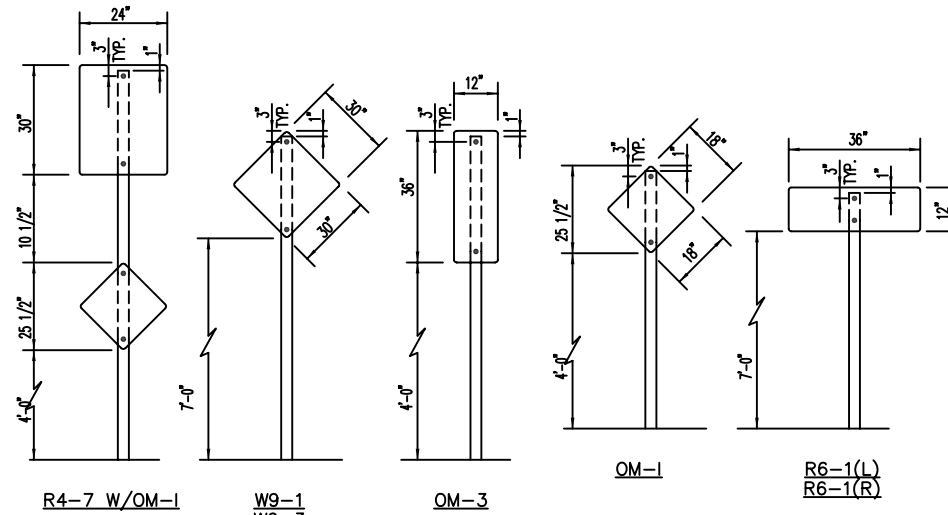
ALL HOLES SHALL BE DRILLED OR PUNCHED AND ALL WELDS, CUTS, BURRS, AND SHARP EDGES ARE TO BE SMOOTHED OFF BEFORE APPLICATION OF FINISH.

**FASTENING ACCESSORIES:**

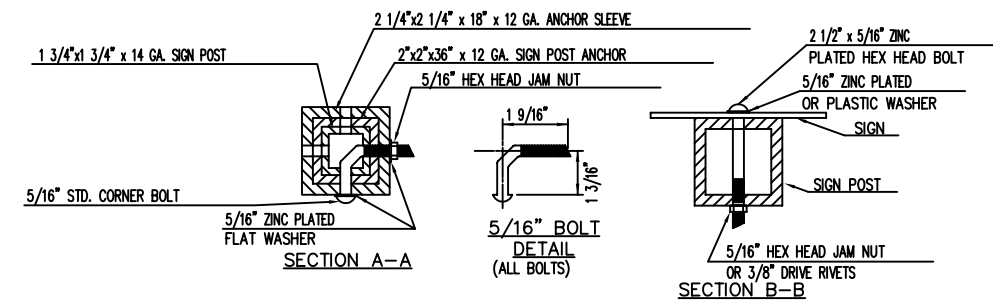
THE BOLTS, NUTS, AND WASHERS SHALL COMPLY WITH SUBSECTION 1614b AND 1614c OF THE KANSAS DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS FOR STATE ROAD AND BRIDGE CONSTRUCTION (1990 EDITION)



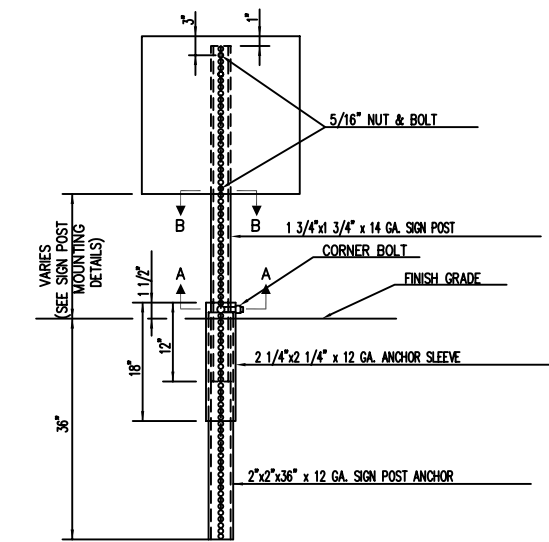
TRAFFIC SIGN INSTALLATION DETAIL



SIGN MOUNTING DETAILS



BREAK-AWAY SIGN POST DETAIL



COMPANY LOGO

DATE	REVISION	BY	APPR
STREETING INSTALLATION STREET SIGN PLAN			
<b>PROJECT</b>			
PUBLIC WORKS - ENGINEERING			
PROJ. NO.	XX-XXXX		
DATE	XX-XX-XXXX	SSDETAIL.DWG	14 APR 04
DESIGNED	XXX		
DESIGN CK	XXX		
DETAILED	XXX		
DETAIL CK	XXX		

SHEET **X** OF **XX**

**SUMMARY OF QUANTITIES**

ITEMS	TOTALS	UNITS

**SIGN DESCRIPTIONS**

CLASSIFICATION	TYPE	PROCESS	SIZE	AREA	STA.	LOCATION FROM CL	TRAFFIC CONTROL SIGNS & SIGN POSTS							SIGN POST LENGTH			
							CLASSIFICATION - EACH										
							W11-2	W16-7	W16-9p	R3-Bb	W11-2	W11-2	W11-2				
OM-1	OBJECT MARKER	DIRECT SCREEN	18"x18"	2.25 SQ. FT.													
OM-3	OBJECT MARKER	DIRECT SCREEN	12"x36"	3.00 SQ. FT.													
R1-1	STOP	REVERSE SCREEN	30"x30"	5.18 SQ. FT.													
R1-1	STOP	REVERSE SCREEN	36"x36"	7.46 SQ. FT.													
R1-2	YIELD	DIRECT SCREEN	36"x36"x36"	3.90 SQ. FT.													
R1-3	MULTI-WAY (PLAQUE)	REVERSE SCREEN	12"x16"	0.50 SQ. FT.													
R2-1	SPEED LIMIT	DIRECT SCREEN	24"x30"	5.00 SQ. FT.													
R2-5a	REDUCED SPEED LIMIT AHEAD	DIRECT SCREEN	24"x30"	5.00 SQ. FT.													
R3-4	NO U-TURN	DIRECT SCREEN	24"x24"	4.00 SQ. FT.													
R3-7L	LT. LANE MUST TURN LT.	DIRECT SCREEN	30"x30"	6.25 SQ. FT.													
R3-7R	RT. LANE MUST TURN RT.	DIRECT SCREEN	30"x30"	6.25 SQ. FT.													
R3-8*	LANE USE CONTROL SIGNS	DIRECT SCREEN	30"x30"	6.25 SQ. FT.													
R3-8**	LANE USE CONTROL SIGNS	DIRECT SCREEN	30"x30"	6.25 SQ. FT.													
R4-7	KEEP RIGHT	DIRECT SCREEN	24"x30"	5.00 SQ. FT.													
R5-1	DO NOT ENTER	DIRECT SCREEN	30"x30"	6.25 SQ. FT.													
R5-9	WRONG WAY	REVERSE SCREEN	36"x24"	6.00 SQ. FT.													
R6-1L	ONE WAY (LT)	DIRECT SCREEN	36"x12"	3.00 SQ. FT.													
R6-1R	ONE WAY (RT)	DIRECT SCREEN	36"x12"	3.00 SQ. FT.													
W4-2	PAVEMENT WIDTH TRANSITION	DIRECT SCREEN	36"x36"	9.00 SQ. FT.													
W6-3	TWO-WAY TRAFFIC	DIRECT SCREEN	30"x30"	6.25 SQ. FT.													
W9-1	RIGHT LANE ENDS	DIRECT SCREEN	30"x30"	6.25 SQ. FT.													
W1-4	REVERSE CURVE	DIRECT SCREEN	30"x30"	6.25 SQ. FT.													
R5-2	NO TRUCKS	DIRECT SCREEN	30"x30"	6.25 SQ. FT.													
R8-5*	NO STOPPING OR STANDING	DIRECT SCREEN	24"x30"	6.25 SQ. FT.													
X	FIRE STATION 500'	DIRECT SCREEN	30"x30"	6.25 SQ. FT.													
W11-1	BICYCLE	DIRECT SCREEN	30"x30"	6.25 SQ. FT.													
W11-1P	SHARE THE ROAD	DIRECT SCREEN	18"x30"	6.00 SQ. FT.													
WX-1	FIRE STATION 500'	DIRECT SCREEN	30"x30"	6.25 SQ. FT.													
D-3	STREET NAME SIGN	DIRECT SCREEN	24"x108"	18.00 SQ. FT.													
W3-1a	STOP AHEAD	DIRECT SCREEN	48"x48"	16.00 SQ. FT.													
W16-2	500 FEET	DIRECT SCREEN	12" x 9"	0.75 SQ. FT.													