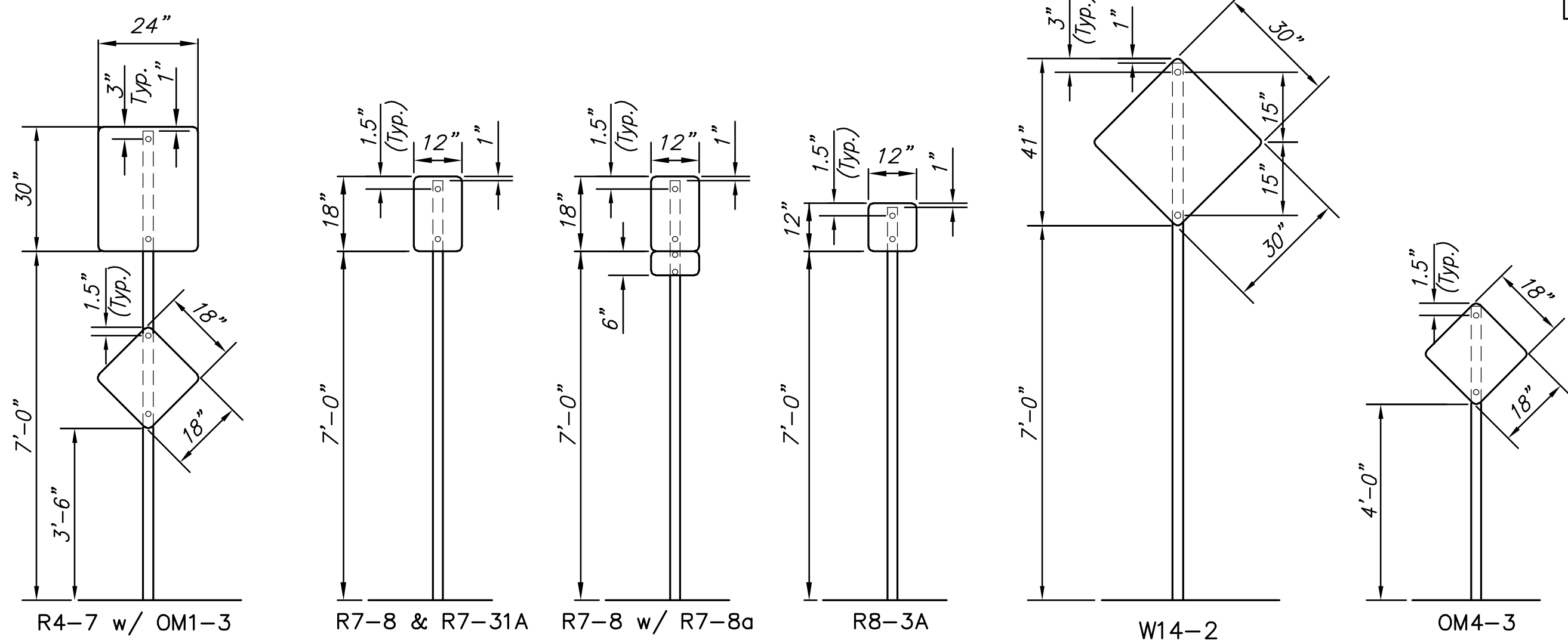


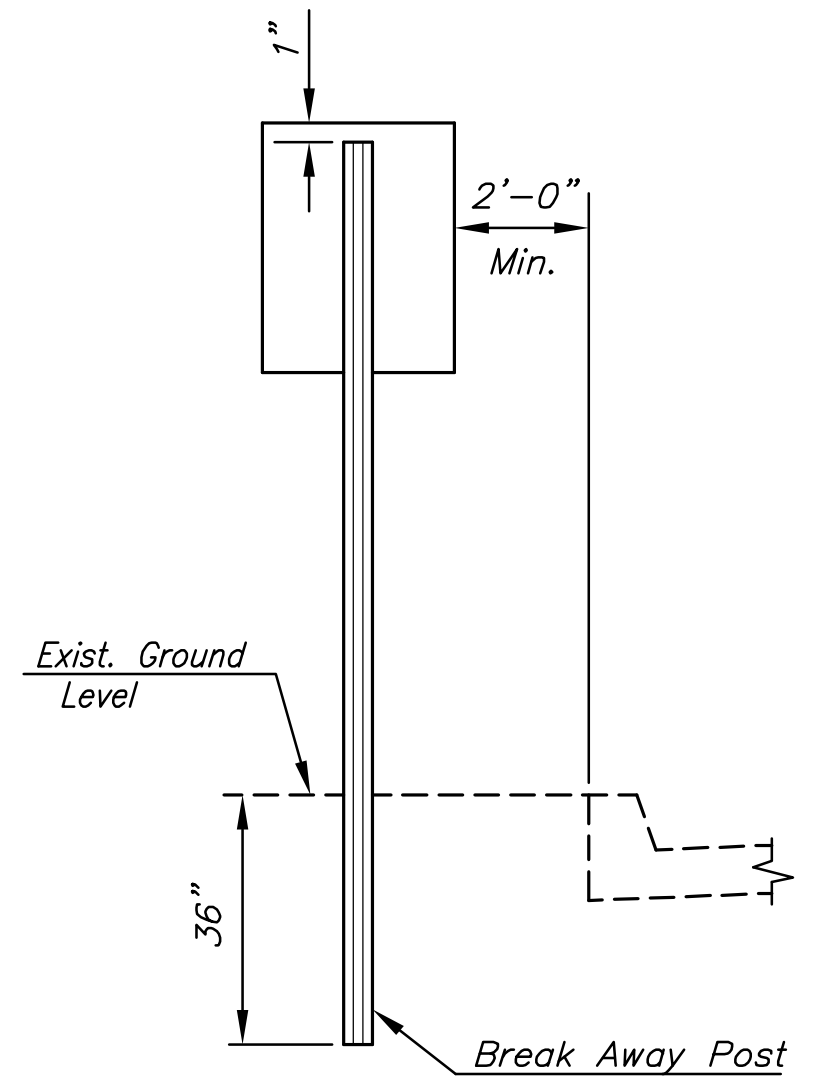
STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
KANSAS	87 N-0361-01	2011	140	169

MKEC
ENGINEERING
CONSULTANTS, INC.
411 N. WEBB ROAD
WICHITA, KS. 67206
316-684-9600

TRAFFIC CONTROL SIGNS & SIGN POST												
Station	Location from C	Classification - Each								Sign Post Length		
		R4-7	R7-31a	R8-3a	R7-8	R7-8a	W14-2	OM1-3	OM4-3	Breakaway 1-3/4"x1-3/4"	U-Channel	
Lincoln 12+22	C	1							1	1	10.5'	
14+75	Rt.										11.5'	
Palisade	Lt.				1	1					9.5'	
	Lt.				1						9.5'	
	Rt.	1									9.5'	
	Lt.		1								9.0'	
	Rt.							2			7.0'	
Total		1	2	1	2	1	1	1	2		83.0'	



SIGN MOUNTING DETAILS



TRAFFIC SIGN INSTALLATION DETAIL

SIGN POST LENGTH SUMMARY	
BREAKAWAY SIGN POST:	
1 3/4"x1 3/4"x LENGTH	EACH
7.0'	2
9.0'	1
9.5'	4
10.0'	
10.5'	1
11.5'	1
2-1/4"x2-1/4"x18"	9
2"x2"x36"	9
U-CHANNEL	
LENGTH	EACH
STUBS 3'	
POSTS 8'	
POSTS 9'	
POSTS 9.5'	
POSTS 11'	

RECAPITULATION OF TRAFFIC SIGNING MATERIALS		
ITEMS	TOTAL	UNIT
Sign Face, (High Intensity HA Reflective Sheeting)	25.5	S.F.
Breakaway Sign Post, 1-3/4"x1-3/4"	83.0	L.F.
Breakaway Anchor Sleeve, 2-1/4"x2-1/4"x18"	13.5	L.F.
Breakaway Sign Post Anchor, 2"x2"x 36"	27.0	L.F.

RECAPITULATION OF QUANTITIES			
BID ITEMS	TOTAL	UNIT	PROJECT
Traffic Signing	LUMP SUM	L.S.	Bridge
River Signing	LUMP SUM	L.S.	PORTAGE
Information Signing	LUMP SUM	L.S.	PORTAGE

SIGN DESCRIPTION

CLASSIFICATION	TYPE	SIZE	AREA
R4-7	KEEP RIGHT	24"x30"	5.0 SQ. FT.
R7-8	HANDICAP PARKING	12"x18"	1.50 SQ. FT.
R7-8a	VAN ACCESSIBLE	6"x12"	0.5 SQ. FT.
R7-31a	NO PARKING AHEAD	12"x18"	1.50 SQ. FT.
R7-31a	NO PARKING BACK	12"x18"	1.50 SQ. FT.
R8-3a	NO PARKING	12"x12"	1.00 SQ. FT.
OM1-3	OBJECT MARKER	18"x18"	2.25 SQ. FT.
OM4-3	END OF ROAD MARKER	18"x18"	2.25 SQ. FT.
W14-2	NO OUTLET	30"x30"	6.25 SQ. FT.

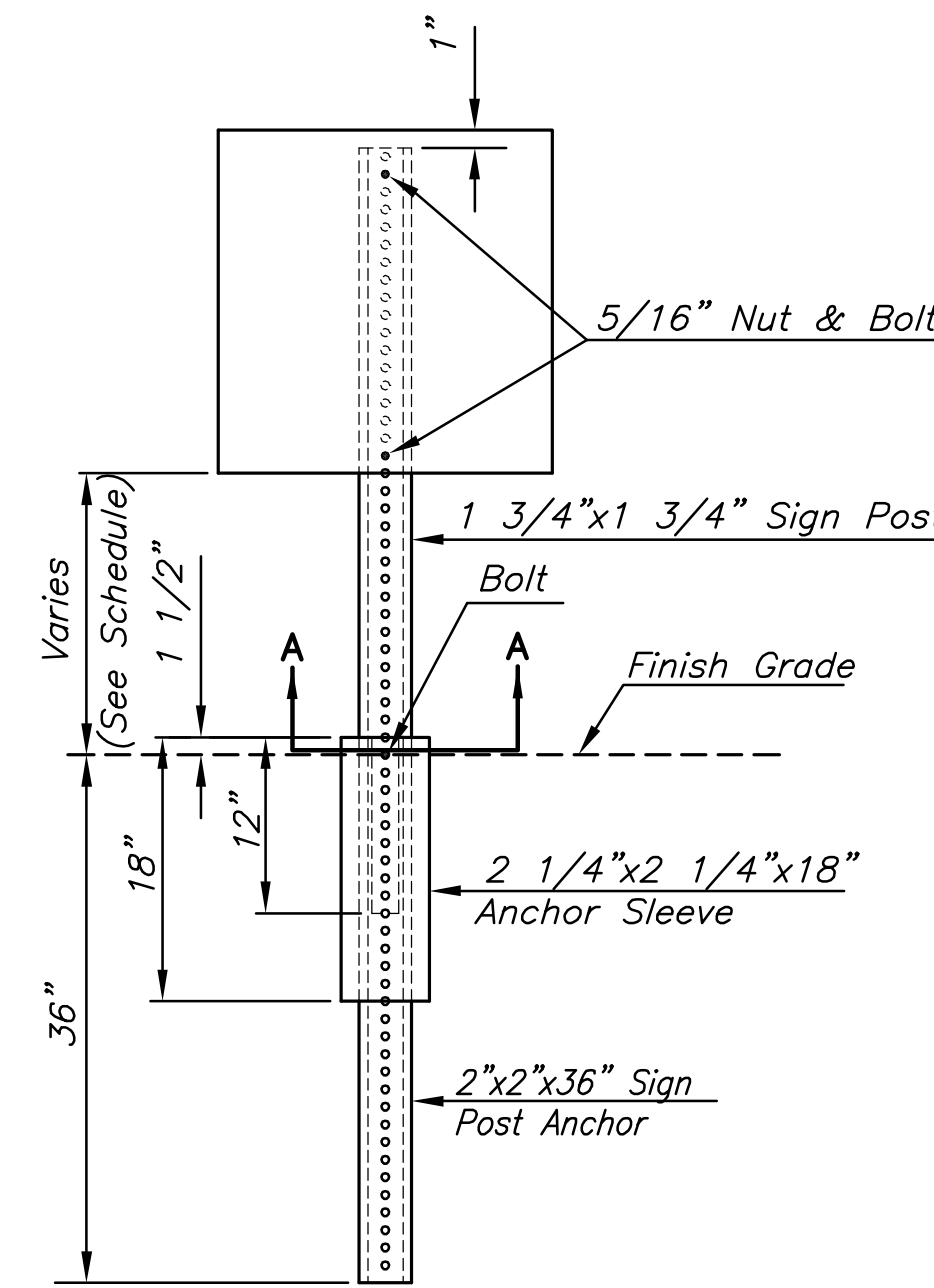
PAVEMENT INSTALLATION SEQUENCE

- SIGN POST ANCHOR DRIVEN INTO SUBGRADE PRIOR TO THE PLACEMENT OF THE PAVEMENT.
- ANCHOR SLEEVE DRIVEN INTO SUBGRADE OVER THE SIGN POST ANCHOR PRIOR TO THE PLACEMENT OF THE PAVEMENT.
- INSERT SIGN POST INTO THE SIGN POST ANCHOR AND BOLT IN PLACE.

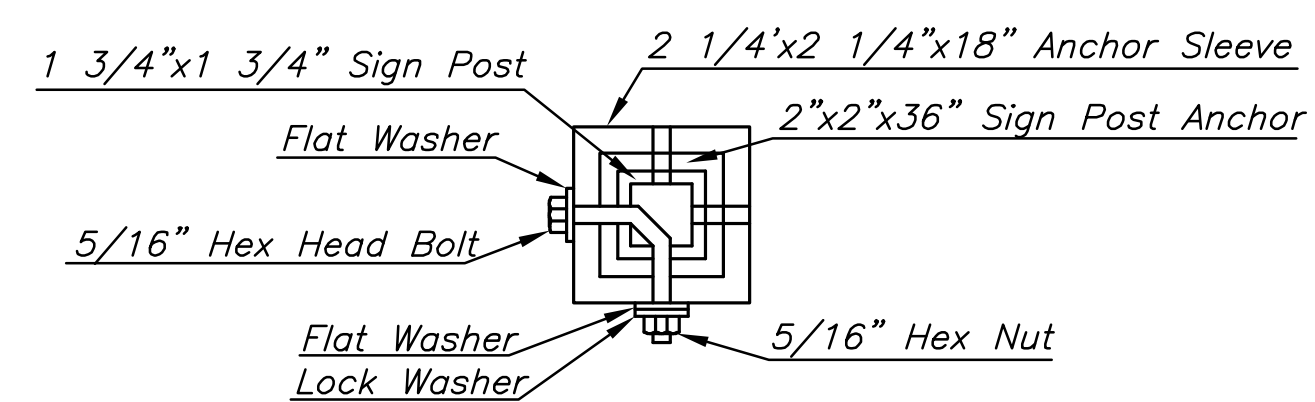
GROUND INSTALLATION SEQUENCE

- SIGN POST ANCHOR DRIVEN INTO THE GROUND.
- ANCHOR SLEEVE DRIVEN INTO THE GROUND OVER THE SIGN POST ANCHOR.
- INSERT SIGN POST INTO THE SIGN 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 BOLT.
ALL BOLTS AND NUTS FOR FASTENING THE SIGNS AND SIGN POST ASSEMBLY SHALL COMPLY WITH SECTION 1614 AND ALL WASHERS SHALL COMPLY WITH SECTION 1614 OF THE STANDARD SPECIFICATION FOR STATE ROAD AND BRIDGE CONSTRUCTION (1990 EDITION) AND SHALL BE A SUBSIDIARY ITEM.



ELEVATION



SECTION A-A

BREAK-AWAY SIGN POST DETAIL

LINCOLN STREET BRIDGE AND DAM IMPROVEMENTS OVER ARKANSAS RIVER

TRAFFIC SIGN DETAILS
SHEET TITLE
472-84883
PROJECT NUMBER

JRA
DESIGN BY
JSB
DRAWN BY
JRA
CHECKED BY

ISSUED
1/24/2011
REVISED

SHEET NO.
140 of 169

PLOTED: Tuesday, January 25, 2011 8:58 AM

J:\CIVIL\07433\DWG\BRIDGE\TRAFFIC\07433_SIGN_DT.DWG

NOTE: ALL LETTER, NUMBER, & SYMBOL SIZES, SPACING, AND COLORS SHALL CONFORM TO THE CURRENT "MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES."
ALL SIGN MATERIAL TO BE 0.080" ALUMINUM.