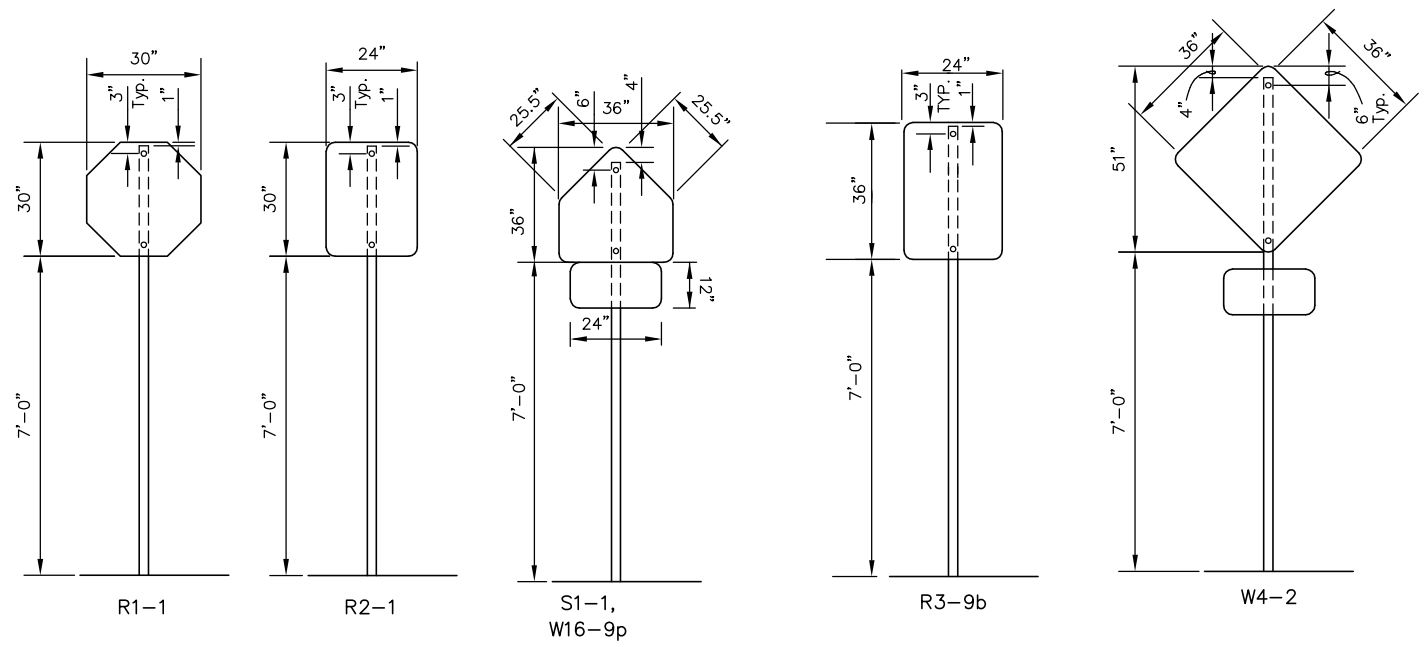
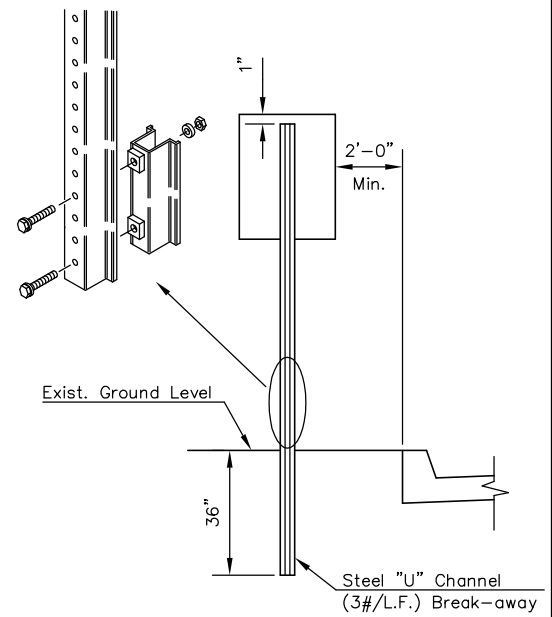
TRAFFIC CONTROL SIGNS & SIGN POST

Station	Location from ℄	Classification – Each																Sign Post Length	
		R1-1	R2-1		R3-9b	R8-3a	W4-2	①	S1-1	W16-9p								Breakaway 1-3/4"x1-3/4"	"U"-Channel
25+00	Rt.				1													11.0'	
27+00	Lt.				1													11.0'	
27+93	Rt.	1																10.5'	
31+53	Rt.	1																10.5'	
35+03	Rt.	1																10.5'	
35+50	Rt.				1													11.0'	
37+00	Lt. & Rt.		2															10.5'	
38+39	Rt.	1																10.5'	
40+50	Lt.				1													11.0'	
41+41	Rt.	1																10.5'	
42+78	Lt.	1																10.5'	
44+19	Lt.	1																10.5'	
44+40	Rt.	1																10.5'	
45+25	Rt.				1													11.0'	
47+41	Rt.	1																10.5'	
50+00	Lt.				1													11.0'	
50+91	Rt.	1																10.5'	
51+23	Lt.	1																10.5'	
54+12	Rt.	1																10.5	
55+94	Lt.						1											12.0'	
Total		12	2		6		1											225.0'	



SIGN MOUNTING DETAILS



TRAFFIC SIGN INSTALLATION DETAIL
FOR SIGNS NOT GREATER THAN 12" WIDE

STATE	PROJECT NO.	YEAR	SHEET NO.	SHEETS
KANSAS	87 N-0190-01	2005	62	96

SIGN POST LENGTH SUMMARY

BREAKAWAY SIGN POST:	
1 3/4"x1 3/4"x LENGTH	EACH
10.5'	14
11.0'	6
12.0'	1
2-1/4"x2-1/4"x18"	21
2"x2"x36"	21
U-CHANNEL	
LENGTH	EACH
STUBS 3'	
POSTS 8'	
POSTS 9'	
POSTS 9-1/2'	
POSTS 11'	

RECAPITULATION OF MATERIALS

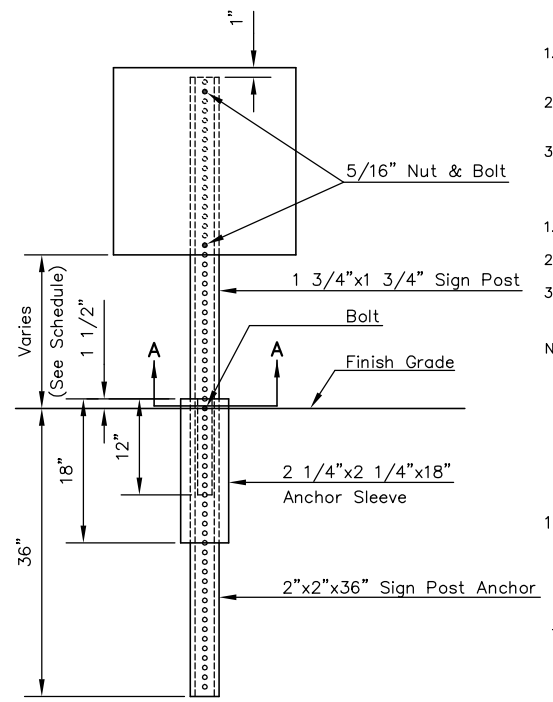
ITEMS	TOTAL	UNIT
Sign Face, (High Intensity HA Reflective Sheeting)	117.2	S.F.
Steel "U" Channel Sign Post		L.F.
Breakaway Sign Post, 1-3/4" x 1-3/4"	225.0	L.F.
Breakaway Anchor Sleeve, 2-1/4" x 2-1/4" x 18"	31.5	L.F.
Breakaway Sign Post Anchor, 2" x 2" x 36"	63.0	L.F.

RECAPITULATION OF MATERIALS

BID ITEMS	TOTAL	UNIT
Signing	LUMP SUM	S.F.

SIGN DESCRIPTION

CLASSIFICATION	TYPE	SIZE	AREA
R1-1	STOP SIGN	30"x30"	5.18 SQ. FT.
R2-1	SPEED LIMIT	24"x30"	5.00 SQ. FT.
R3-9b	TWO WAY LEFT TURN ONLY	24"x36"	6.00 SQ. FT.
W4-2	LANE REDUCTION TRANSITION	36"x36"	9.00 SQ. FT.



BREAK-AWAY SIGN POST DETAIL

PAVEMENT INSTALLATION SEQUENCE

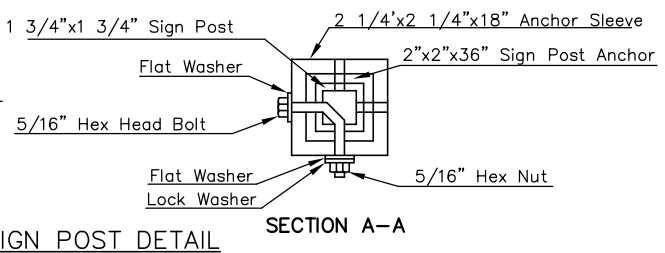
1. SIGN POST ANCHOR DRIVEN INTO SUBGRADE PRIOR TO THE PLACEMENT OF THE PAVEMENT.
2. ANCHOR SLEEVE DRIVEN INTO SUBGRADE OVER THE SIGN POST ANCHOR PRIOR TO THE PLACEMENT OF THE PAVEMENT.
3. INSERT SIGN POST INTO THE SIGN POST ANCHOR AND BOLT IN PLACE.

GROUND INSTALLATION SEQUENCE

1. SIGN POST ANCHOR DRIVEN INTO THE GROUND.
2. ANCHOR SLEEVE DRIVEN INTO THE GROUND OVER THE SIGN POST ANCHOR.
3. 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 EDITIO) AND SHALL BE SUBSIDIARY ITEM.



SECTION A-A

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

ALL SIGN MATERIAL TO BE 0.080" ALUMINUM.

(4) BUS ROUTE SIGNS SHALL BE RELOCATED AS SHOWN ON THE SIGNING PLAN. (1) STOP SIGN, (2) NO PARKING AND (1) HANDICAP PARKING SIGNS SHALL BE REMOVED AND RETURNED TO THE APPROPRIATE OWNERS. COST OF RELOCATION AND REMOVAL SHALL BE SUBSIDIARY TO SIGNING.

J:\Civil\04178\dwg\DETAILS\SIGNDTL4.DWG 03/24/2005 10:10:20 AM CST

KANSAS DEPARTMENT OF TRANSPORTATION

TRAFFIC SIGN DETAILS

PROJECT NO. 87 N-0190-01 SEDGWICK CO.

M K E C ENGINEERING CONSULTANTS, INC.

WICHITA, KANSAS

DESIGNED BY:	JRA	CHECKED BY:	JRA	
DRAWN BY:	WNJ	DATE: JULY 2004	SHEET	62 OF 96