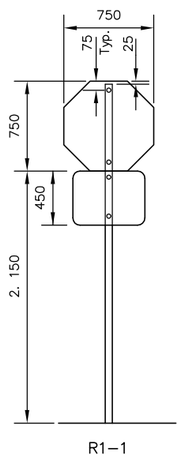
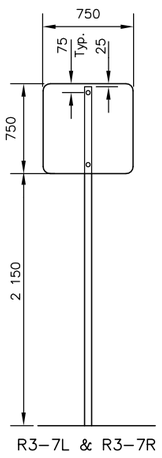
TRAFFIC CONTROL SIGNS & SIGN POST

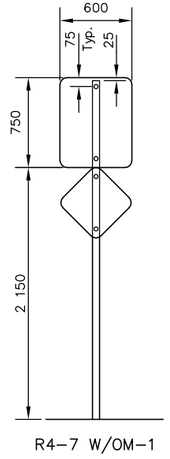
Station	Location from ℄	Classification – Each			Sign Post Length	
		W11–2	W16–7p	W16–9p	Breakaway 45 mm x 45 mm	"U"–Channel
11th Street						
Unknown	RT.	1		1	3.51	
9+956	RT.	1	1		3.51	
9+966	LT.	1	1		3.51	
10+026	LT.	1		1	3.51	
Total		4	2	2	14.04	



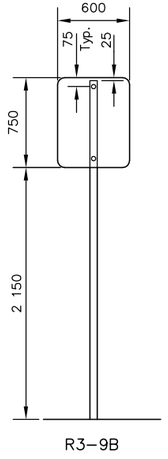
R1–1



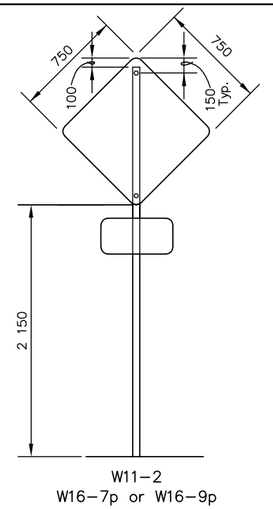
R3–7L & R3–7R



R4–7 W/OM–1



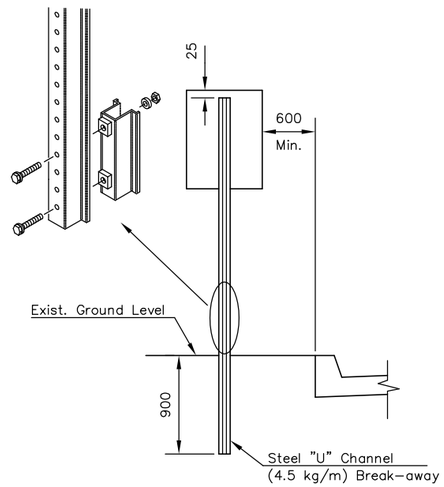
R3–9B



W11–2
W16–7p or W16–9p

SIGN MOUNTING DETAILS

STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
KANSAS	87 N–0187–01	2006	40	47



TRAFFIC SIGN INSTALLATION DETAIL
FOR SIGNS NOT GREATER THAN 300 mm WIDE

SIGN POST LENGTH SUMMARY

BREAKAWAY SIGN POST:	
45 mm x 45 mm x LENGTH	EACH
3.51	4
60 mm x 60 mm x 450 mm	4
50 mm x 50 mm x 900 mm	4
U–CHANNEL	
LENGTH	EACH
STUBS 0.90 m	
POSTS 2.44 m	
POSTS 2.75 m	
POSTS 2.90 m	
POSTS 3.35 m	

SUMMARY OF MATERIALS

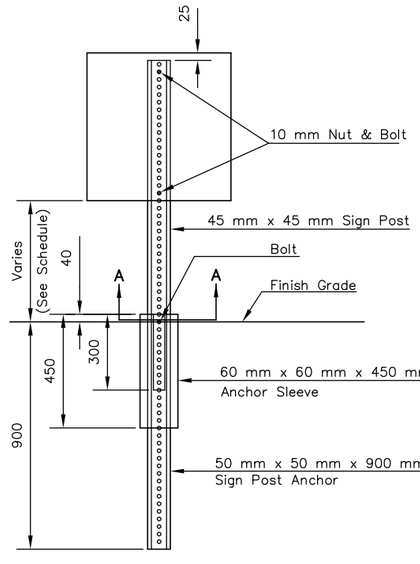
ITEMS	TOTAL	UNIT
Sign Face, (High Intensity HA Reflective Sheeting)	2.85	m^2
Steel "U" Channel Sign Post	–	m
Breakaway Sign Post, 45 mm x 45 mm	14.04	m
Breakaway Anchor Sleeve, 60 mm x 60 mm x 450 mm	1.80	m
Breakaway Sign Post Anchor, 50 mm x 50 mm x 900 mm	3.60	m

RECAPITULATION OF MATERIALS

BID ITEMS	TOTAL	UNIT
Signing	Lump Sum	L.S.

SIGN DESCRIPTION

CLASSIFICATION	TYPE	SIZE	AREA
W11–2	PEDESTRIAN CROSSING	750 x 750	0.56 m^2
W16–7p	ARROW	750 x 250	0.15 m^2
W16–9p	AHEAD	750 x 250	0.15 m^2



PAVEMENT INSTALLATION SEQUENCE

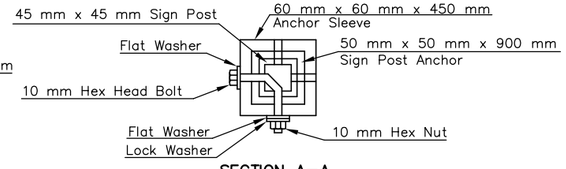
1. SIGN POST ANCHOR DRIVEN INTO SUBGRADE PRIOR TO THE PLACEMENT OF THE PAVEMENT.
2. ANCHOR SLEEVE DRIVEN INTO SUBGRADE OVER THE SIGN POST ANCHOR PRIOR TO THE PLACEMENT OF THE PAVEMENT.
3. INSERT SIGN POST INTO THE SIGN POST ANCHOR AND BOLT IN PLACE.

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

BREAK–AWAY SIGN POST DETAIL

NOTE: 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 0.002 mm ALUMINUM.

G\CIVIL\98169\05693\sign\05693sn2.DWG 02/10/2006 04:42:15 PM CST

WICHITA DEPARTMENT OF PUBLIC WORKS

SIGNING DETAILS

PROJECT NO. 87 N–0187–01 SEDGWICK CO.

M K E C ENGINEERING CONSULTANTS, INC.
WICHITA, KANSAS

DESIGNED BY:	KJS	CHECKED BY:	KJS	
DRAWN BY:	DPG/JSB	DATE: FEB. 2006	SHEET 40 OF 47	