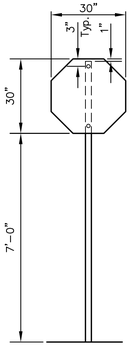
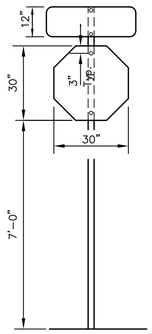
PLOTTED: Monday, May 09, 2016 @ 02:02PM

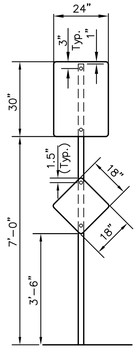
STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
KANSAS	87 N-0597-01	2016	134	191



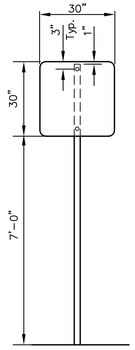
R1-1



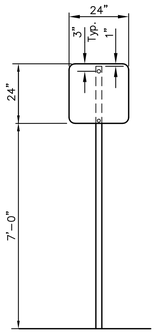
R1-1 w/ R6-1



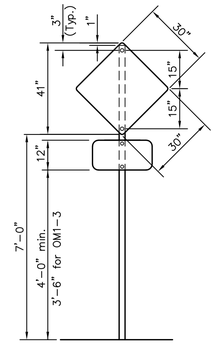
R2-1, R4-7 w/ OM1-3, R8-8



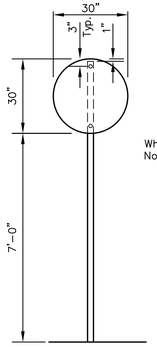
R3-7R, R5-1



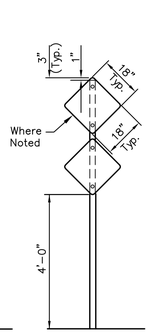
R3-4



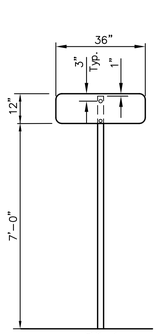
W11-2 W/W16-7p and W16-9p, W12-1 W/OM1-3, W12-2



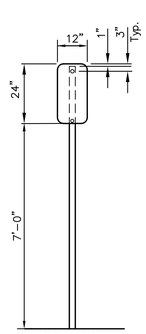
W10-1



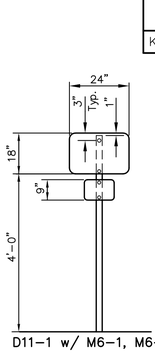
OM1-3



R6-1



R7-107a



D11-1 w/ M6-1, M6-3
M6-6

SIGN MOUNTING DETAILS

TRAFFIC CONTROL SIGNS & SIGN POST

STATION	LOCATION FROM ℄	CLASSIFICATION – EACH																						SIGN POST LENGTH	
		R1-1	R2-1	R3-4	R3-7R	R4-7	R5-1	R6-1	R7-107a	R8-8	W10-1	W11-2	W12-1	W12-2	W16-7p	W16-9p	OM1-3	D11-1	M6-1	M6-3	M6-6L	M6-6R	Breakaway 1-3/4"x1-3/4"	"U" Channel
PAWNEE																								
8+67.47	Lt.		1																				10.5'	
8+87.47	Lt.								1														10.0'	
11+48.00	Rt.										1												10.5'	
12+72.00	Rt.									1													10.5'	
14+15.95	Lt.					1											1						10.5'	
14+72.96	Rt.					1											1						11.5'	
15+23.00	Lt.				1																		10.5'	
16+20.00	Lt.										1												10.5'	
16+54.84	Rt.	1																					10.5'	
16+75.82	Rt.																	1	1				6.5'	
16+96.00	Lt.				1																		10.5'	
17+20.76	Rt.		1																				10.5'	
21+95.28	Rt.											1				1							11.5'	
23+47.66	Rt.	1																					10.5'	
23+56.43	Rt.																	2	1		1		6.5'	
23+60.20	Lt.											1			1								11.5'	
23+62.95	Rt.											1			1								11.5'	
23+62.95	Lt.																	1	1				6.5'	
23+80.00	Rt.																	2	1			1	6.5'	
23+85.45	Lt.																	2		2			6.5'	
23+90.25	Lt.	1																					10.5'	
24+52.60	Lt.						1																10.5'	
24+60.00						1											1						10.5'	
25+43.00	Lt.		1																				10.5'	
25+94.00	Lt.											1				1							11.5'	
26+52.00	Rt.							1															9.0'	
26+72.86	Rt.	1																					10.5'	
26+94.40	Rt.														1								11.5'	
28+35.00	Rt.																2						8.25'	
28+73.00	Rt.							1															9.0'	
29+03.00	Rt.				1																		10.5'	
29+17.67	Rt.																1						7.0'	
32+01.00	Rt.				1																		10.5'	
32+68.52	Lt.												1				1						11.5'	
32+90.88	Rt.												1				1						11.5'	
33+27.85	Lt.				1																		10.5'	
34+18.66	Rt.																1						7.0'	
34+21.00	Rt.			1																			10.0'	
34+32.87	Rt.						1																9.0'	
34+62.80	Lt.																1						7.0'	
35+01.00	Lt.													1									11.5'	
35+65.50	Lt.		1																				10.5'	
35+99.20	Lt.				1																		10.5'	
36+16.50	Lt.																1						7.0'	
36+34.50	Lt.	1						1															11.75'	
36+58.00	Rt.							1															9.0'	
37+09.00																	1						7.0'	
38+09.50	Rt.						1																10.5'	
38+09.50						1											1						10.5'	
38+70.00	Rt.	1																					10.5'	
39+25.00	Rt.		1																				10.5'	
39+60.00	Lt.								1														10.0'	
HYDRAULIC																								
44+72.00	Rt.	1																					10.5'	
47+58.75	Lt.		1																				10.5'	
51+86.60	Rt.		1																				10.5'	
54+09.00	Rt.										1												10.5'	
55+63.10	Lt.					1											1						10.5'	
55+84.00	Rt.									1													10.5'	
TOTAL		7	7	1	6	5	3	4	2	2	3	4	2	2	2	2	14	8	4	2	1	1	571.0'	

SIGN POST LENGTH SUMMARY

BREAKAWAY SIGN POST:	
1 3/4"x1 3/4"x LENGTH	EACH
6.5'	5
7.0'	5
8.25'	1
9.0'	4
10.0'	3
10.5'	31
11.5'	8
11.75'	1
2-1/4"x2-1/4"x18"	58
2"x2"x36"	58

U-CHANNEL	
LENGTH	EACH

RECAPITULATION OF MATERIALS

ITEMS	TOTAL	UNIT
Sign Face, (High Intensity HA Reflective Sheeting)	330.71	S.F.
Steel "U" Channel Sign Post	0	L.F.
Breakaway Sign Post, 1-3/4" x 1-3/4"	56	L.F.
Breakaway Anchor Sleeve, 2-1/4" x 2-1/4" x 18'	105	L.F.
Breakaway Sign Post Anchor, 2" x 2" x 36"	21	L.F.

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.

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 (2007 EDITION) AND SHALL BE SUBSIDIARY ITEM.

SIGN DESCRIPTION

CLASSIFICATION	TYPE	SIZE	AREA
R1-1	STOP	30"x30"	6.25 SQ. FT.
R2-1	SPEED LIMIT	24"x30"	5.00 SQ. FT.
R3-4	NO U-TURN	24"x24"	4.00 SQ. FT.
R3-7R	RIGHT LANE MUST TURN RIGHT	30"x30"	6.25 SQ. FT.
R4-7	KEEP RIGHT	24"x30"	5.00 SQ. FT.
R5-1	DO NOT ENTER	30"x30"	6.25 SQ. FT.
R6-1	ONE WAY	36"x12"	3.00 SQ. FT.
R7-107A	NO PARKING TRANSIT	12"x24"	2.00 SQ. FT.
R8-8	DO NOT STOP ON TRACKS	24"x30"	5.00 SQ. FT.
W10-1	RAILROAD CROSSING AHEAD	36" DIA.	7.07 SQ. FT.
W11-1	PEDESTRIAN CROSSING	30"x30"	6.25 SQ. FT.
W12-1	DOUBLE ARROW	30"x30"	6.25 SQ. FT.
W12-2	LOW CLEARANCE	30"x30"	6.25 SQ. FT.
W16-7P	DOWNWARD DIAGONAL PLAQUE	24"x12"	2.00 SQ. FT.
W16-9P	AHEAD PLAQUE	24"x12"	2.00 SQ. FT.
OM1-3	OBJECT MARKER	18"x18"	2.25 SQ. FT.
D11-1	BIKE ROUTE	24x18"	3.00 SQ. FT.
M6-1	LEFT OR RIGHT ARROW PLAQUE	12"x9"	0.75 SQ. FT.
M6-3	STRAIGHT ARROW PLAQUE	12"x9"	0.75 SQ. FT.
M6-6L	STRAIGHT AND LEFT PLAQUE	12"x9"	0.75 SQ. FT.
M6-6R	STRAIGHT AND RIGHT PLAQUE	12"x9"	0.75 SQ. FT.

RECAPITULATION OF MATERIALS

BID ITEMS	TOTAL	UNIT
Signing, Except Street Name Signs	LUMP SUM	L.S.

MKEC
Wichita, KS • 316-684-9600

STREET IMPROVEMENTS FOR:
PAWNEE AVENUE FROM HYDRAULIC TO POPLAR
WICHITA, KANSAS

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TRAFFIC SIGN DETAILS

PROJECT NO.	87 N-0597-01
DATE	DATE
SCALE	NO SCALE

DESIGNED	DRAWN	CHECKED
JRA	JSB	JRA

NO.	REVISION	DATE

SHEET NO.
134 OF 191

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