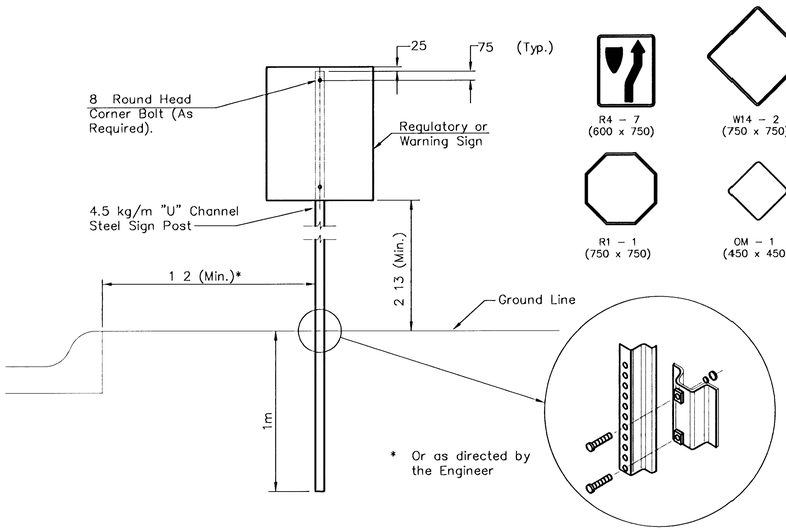
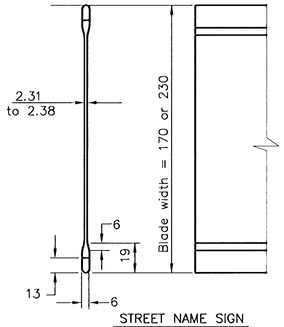
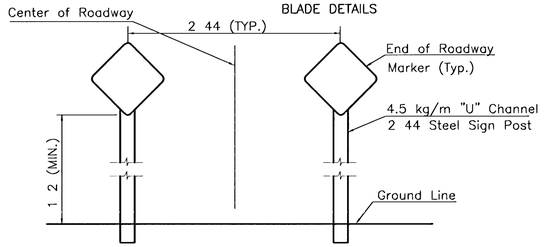


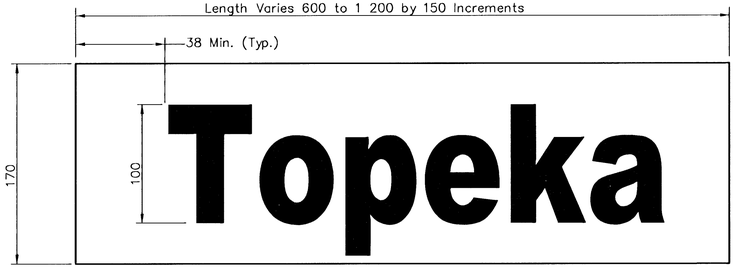
TYPICAL TRAFFIC CONTROL SIGN MOUNTING INSTALLATION
CURB AND GUTTER SECTION



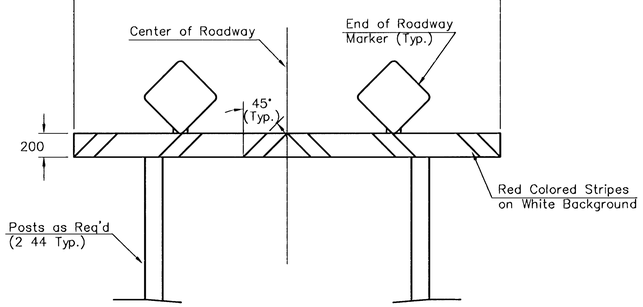
STREET NAME SIGN
BLADE DETAILS



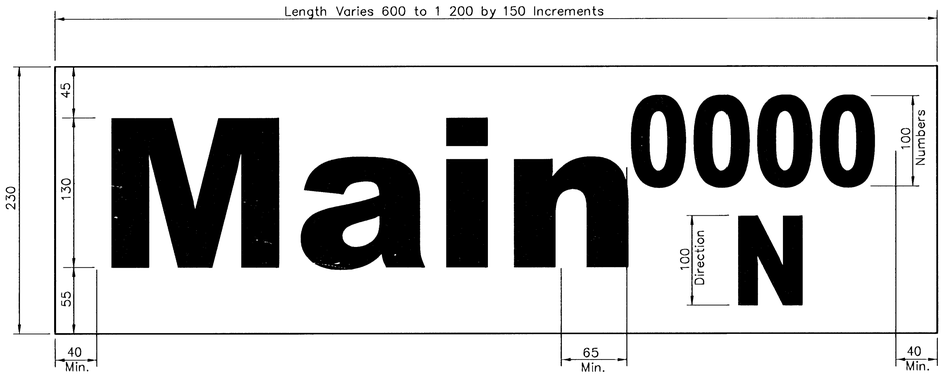
TYPICAL END OF ROADWAY SIGN MOUNTING INSTALLATION



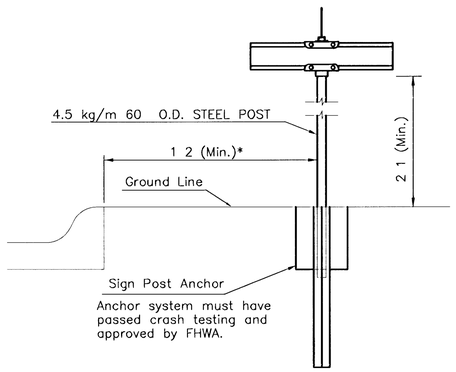
DETAIL A
170 STANDARD



TYPE I BARRICADE DETAIL W/ E.O.R. MARKER



DETAIL B
230 METRO



TYPICAL STREET NAME SIGN MOUNTING INSTALLATION
CURB AND GUTTER SECTION

PARTICIPATING
SIGN ASSEMBLY TABLE

STATION	OFFSET	SIGN	QUANTITY*
0+358 (Harry)	Rt.	R7–107	1
0+512 (Elpyco)	Lt.	R1–1	1
0+488 (Battin)	Rt.	R1–1	1
0+512 (Battin)	Lt.	R1–1	1
0+495 (Harry)	Rt.	R7–107	1
0+430 (Harry)	Rt.	R2–1 (35)	1
0+484 (Pinecrest)	Rt.	R1–1	1
0+516 (Pinecrest)	Lt.	R1–1	1
0+676 (Harry)	Lt.	R7–107	1
0+484 (Old Manor)	Rt.	R1–1	1
0+736 (Harry)	Rt.	R7–107	1
0+516 (Old Manor)	Lt.	R1–1	1
0+484 (Parkwood)	Rt.	R1–1	1
0+819 (Harry)	Lt.	R7–107	1
0+885 (Harry)	Lt.	R2–1 (35)	1
0+516 (Parkwood)	Lt.	R1–1	1
0+484 (Christine)	Rt.	R1–1	1
0+516 (Roanoke)	Lt.	R1–1	1
0+516 (Faulders)	Lt.	R1–1	1
1+070 (Harry)	Rt.	R2–1 (35)	1
1+209 (Harry)	Lt.	R7–107	1
0+516 (Green Acres)	Lt.	R1–1	1
0+484 (Waverly)	Rt.	R1–1	1
0+516 (Drollinger)	Lt.	R1–1	1
0+484 (Fabrique)	Rt.	R1–1	1
0+516 (Lexington)	Lt.	R1–1	1
0+484 (Fabrique)	Rt.	R1–1	1
0+516 (Fabrique)	Lt.	R1–1	1
1+540 (Harry)	Rt.	R7–107	1
1+686 (Harry)	Lt.	R2–1 (35)	1

NON–PARTICIPATING

STREET NAME	NO. BLADES REQ'D	
	6 3/4" STD.	9" METRO
Harry 4800 E	–	1
Elpyco 1600 S	–	1
Harry 4900 E	–	1
Battin 1600 S	–	1
Harry 5100 E	–	1
Battin 1500 S	–	1
Harry 5200 E	–	2
Pinecrest 1600 S	–	1
Pinecrest 1500 S	–	1
Harry 5300 E	–	2
Old Manor 1500 S	–	1
Old Manor 1600 S	–	1
Harry 5400 E	–	2
Parkwood 1500 S	–	1
Parkwood 1600 S	–	1
Harry 5500 E	–	1
Edgemoor 1600 S	–	1
Harry 5600 E	–	2
Edgemoor 1200 S	–	1
Harry 5700 E	–	2
Christine 1200 S	–	1
Roanoke 1600 S	–	1
Faulders 1600 S	–	1
Harry 5800 E	–	1
Green Acres 1600 S	–	1
Harry 5900 E	–	2
Waverly 1200 S	–	1
Drollinger 1600 S	–	1
Harry 6000 E	–	2
Fabrique 1200 S	–	2
Lexington 1600 S	–	1
Harry 6100 E	–	2
Fabrique 1600 S	–	1

DEAF CHILD AREA	OFFSET	QUANTITY
Sta. 0+919	RT.	1
Sta. 1+106	LT.	1

NOTE: REFERENCES BELOW TO "STANDARD SPECIFICATIONS" DENOTE "STANDARD SPECIFICATION FOR STATE ROAD AND BRIDGE CONSTRUCTION, EDITION 1990" BY THE KANSAS DEPARTMENT OF TRANSPORTATION.

1. POST ANCHORS: POSTS SHALL BE ANCHORED WITH A YIELDING BASE POST SUPPORT AS DETAILED.
2. POSTS FOR TRAFFIC CONTROL SIGNS: POSTS SHALL CONFORM TO THE REQUIREMENTS OF SUBSECTION 1620 OF THE STANDARD SPECIFICATIONS EXCEPT THAT ALL POSTS SHALL WEIGH 4.5 kg/m MINIMUM.
3. POSTS FOR STREET NAME SIGNS (SNS): POSTS SHALL BE 2.7m LONG, CONSTRUCTED FROM 60 O.D. GALVANIZED STEEL PIPE WEIGHING A MINIMUM OF 4.5 kg/m. POSTS SHALL BE POSITIONED SO THAT THE BOTTOM BLADE IS 2.1m ABOVE GRADE.
4. POSTS FOR END OF ROADWAY SIGN TO BE 2.44m LONG AND INSTALLED A MINIMUM OF 1.2m FROM ROADWAY TO BOTTOM OF SIGN.
5. SIGN BLANKS FOR TRAFFIC CONTROL SIGNS: SIGN BLANKS SHALL BE FABRICATED FROM 2 ALUMINUM ALLOY 6063–T6 CONFORMING TO THE REQUIREMENTS OF SUBSECTION 1626 OF THE STANDARD SPECIFICATIONS.
6. SIGN BLADES FOR STREET NAME SIGNS: EXTRUDED ALUMINUM BLADES SHALL BE ALUMINUM ALLOY CONFORMING TO 6063–T6 OR 5052–H38 (ASTM SPECIFICATION B221, LATEST ISSUE). BLADES SHALL HAVE AN ALODINE OR PHOSPHATE ETCHED FINISH. BLADES SHALL HAVE SQUARE CORNERS AND NO HOLES.

   MINIMUM BLADE LENGTH SHALL BE 600mm. MAXIMUM BLADE LENGTH SHALL BE 1200mm. LENGTH VARIES BY INCREMENTS OF 150mm.

   BLADES BEARING THE STREET NAMES SHALL BE FIRMLY ATTACHED TO THE MOUNTING BRACKETS USING ALLEN–TYPE SET SCREWS. THE BLADES SHALL BE ORIENTED PARALLEL TO THE STREET.
7. MOUNTING BRACKETS FOR SIGNS: DIE–CAST ALUMINUM BRACKETS SHALL BE ALUMINUM ALLOY 360 HAVING A TENSILE STRENGTH OF 44,000 PSI. THE BRACKETS SHALL BE SMOOTHLY FINISHED FREE OF PITS, BURRS, AND FLAWS. EACH BRACKET SHALL BE TAPPED AND DRILLED FOR 8mm ZINC–PLATED ALLEN–TYPE SET SCREWS HAVING SELF–LOCKING SAW–TOOTH ENDS.
8. FASTENERS: ALL STEEL FASTENERS FOR TRAFFIC CONTROL SIGNS SHALL BE GALVANIZED AND SHALL CONFORM TO THE REQUIREMENTS OF SUBSECTION 1614 OF THE STANDARD SPECIFICATIONS.
9. REFLECTIVE SHEETING: REFLECTIVE SHEETING SHALL BE TYPE II – HIGH PERFORMANCE CLASS HA IN ACCORDANCE WITH SUBSECTION 2201 OF THE STANDARD SPECIFICATIONS.
10. PROCESS INK: ALL PROCESS INK SHALL CONFORM TO THE REQUIREMENTS OF SUBSECTION 2202 OF THE STANDARD SPECIFICATIONS.
11. DETAILS: REGULATORY AND WARNING SIGNS SHALL CONFORM TO THE DETAILS IN "STANDARD HIGHWAY SIGNS", FHWA, 1979.
12. DETAILS – SNS: THE REFLECTIVE SHEETING FOR THE 170mm STANDARD SIZE SNS IS TO BE THE HIGHWAY GREEN BACKGOUND WITH SILVER–WHITE #2 COPY WITH 100mm UPPER CASE AND LOWER CASE PRIMARY COPY AND SUFFIX COPY. BOTH SERIES "C".

    THE REFLECTIVE SHEETING FOR THE 230 METRO SIZE SNS IS TO BE THE HIGHWAY GREEN BACKGROUND WITH SILVER–WHITE #2 COPY WITH 130MM UPPER AND LOWER CASE PRIMARY COPY AND SUFFIX COPY, BOTH SERIES "C". THE CARDINAL DIRECTION CENTERED DIRECTLY BELOW THE BLOCK NUMBER SHALL BE AN UPPER CASE 100mm SERIES "C" LETTER. FACES TO TRIM TO A 215mm WIDTH. (SEE DETAIL B.)

    SHOP DRAWINGS OF LAYOUT FOR SNS SHALL BE SUBMITTED TO THE TRAFFIC ENGINEERING DIVISION OF THE CITY OF WICHITA FOR APPROVAL PRIOR TO FABRICATION. THE FINISHED SIGNS AS SUPPLIED SHALL BE OF GOOD APPEARANCE, FREE FROM RAGGED EDGES, CRACKS, SCALES OR BLISTERS AND SHALL BE CLEAN–CUT. SIGNS SHALL BE PACKED IN SUCH MANNER AS TO PREVENT DAMAGE OR DEFACEMENT DURING SHIPMENT OR STORAGE.
13. PERMANENT TRAFFIC CONTROL AND SNS: PERMANENT TRAFFIC CONTROL AND SNS SHALL BE MEASURED AND PAID FOR AT THE LUMP SUM PRICE FOR SIGNING. THE PAYMENT AS SET FORTH ABOVE SHALL BE CONSIDERED FULL COMPENSATION FOR ALL EXCAVATION, BACKFILLING. POSTS, ANCHORS, FASTENERS, MATERIALS, LABOR, TOOLS AND INCIDENTALS NECESSARY TO COMPLETE THIS WORK.

THE CITY OF WICHITA
CITY ENGINEER'S OFFICE
CITY HALL – SEVENTH FLOOR
455 NORTH MAIN STREET
WICHITA, KANSAS 67202
(316) 268–4691
(316) 268–4114 FAX

SIGNING DETAILS

M. E. LINDEBAK P.E. – CITY ENGINEER

PROJECT NUMBER	OCA #
472–83685	706952

DATE