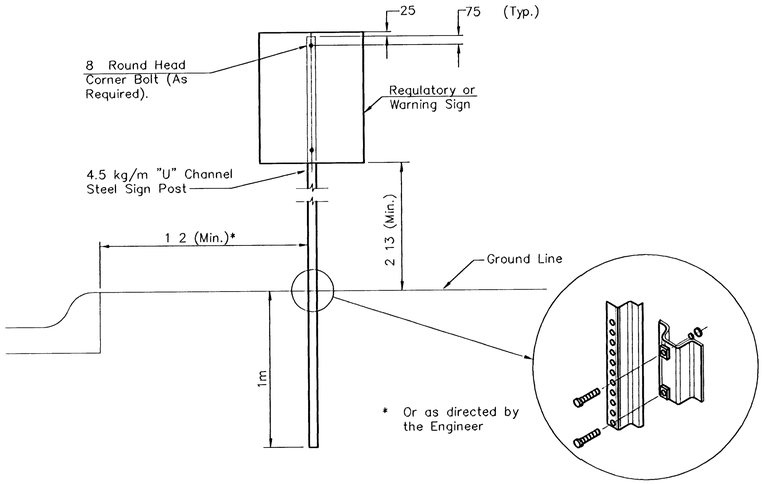
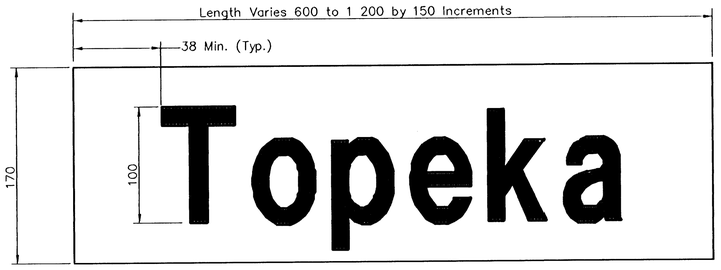
FHWA REGION NO.	STATE	PROJECT NUMBER	FISCAL YEAR	SHEET NUMBER	TOTAL SHEETS
7	KANSAS	87N-0195-01	2001	88	127

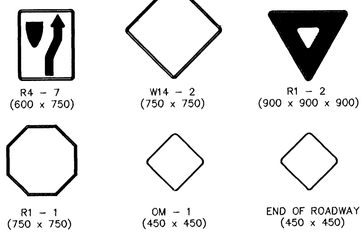
BY	DATE
REFERENCES NOTED	
REFERENCES CHECKED	

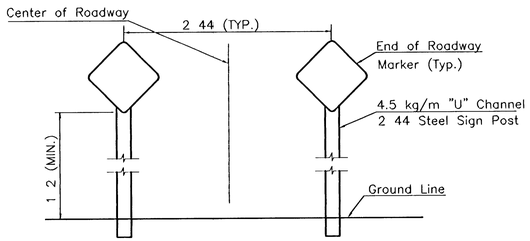


TYPICAL TRAFFIC CONTROL SIGN MOUNTING INSTALLATION
CURB AND GUTTER SECTION

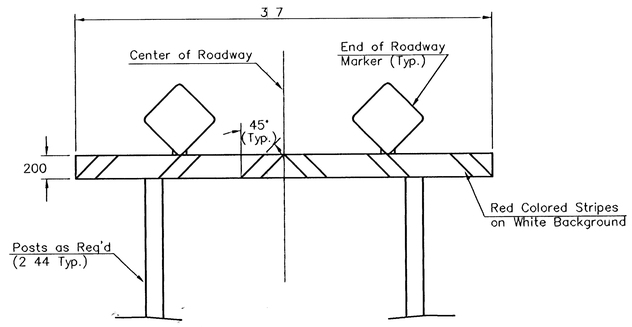


DETAIL A
170 STANDARD

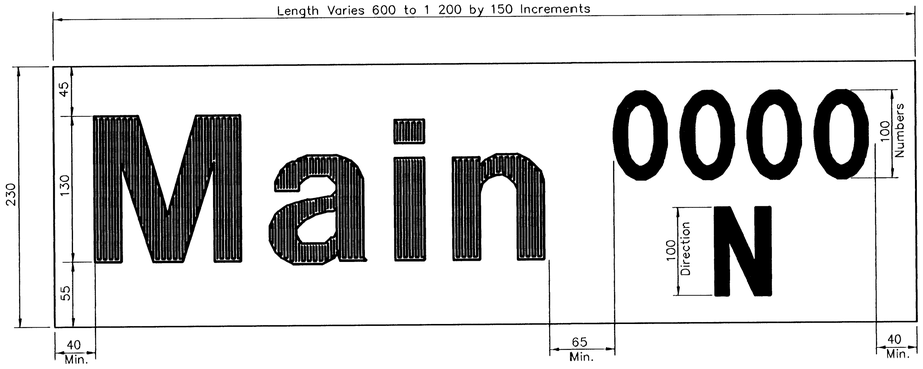




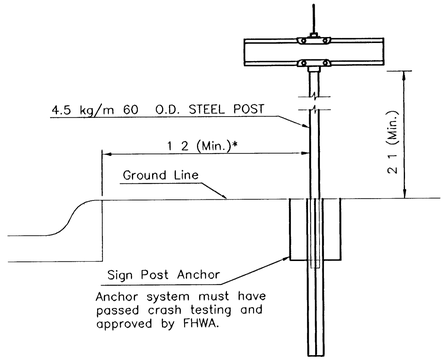
TYPICAL END OF ROADWAY SIGN MOUNTING INSTALLATION



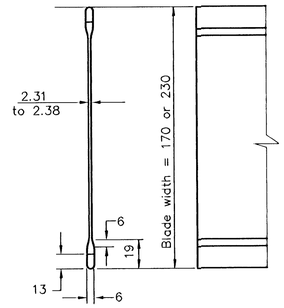
TYPE I BARRICADE DETAIL W/ E.O.R. MARKER



DETAIL B
230 METRO



TYPICAL STREET NAME SIGN MOUNTING INSTALLATION
CURB AND GUTTER SECTION



STREET NAME SIGN
BLADE DETAILS

SIGN ASSEMBLY TABLE

STATION	OFFSET	SIGN	QUANTITY*
Maple 13600 W / 135th St 300 S			
8+393.0	22.9 m Rt.	SNS	1
Maple 13500 W / 135th St 200 S			
8+429.2	16.2 m Lt.	SNS	1
Maple 13100 W / Maple Dunes 200 S			
8+850.0	11.4 m Lt.	SNS	1
Maple 13000 W / Limuel 300 S			
8+934.5	11.8 m Rt.	SNS	1
Maple 12800 W / Forestview 200 S			
9+175.0	11.3 m Lt.	SNS	1
Maple 12700 W / Firefly 300 S			
9+307.0	12.0 m Rt.	SNS	1
Maple 12500 W / Breezy Pointe Cir 200 S			
9+437.6	11.9 m Lt.	SNS	1
Maple 12100 W / Cedar Park 200 S			
9+855.3	10.6 m Lt.	SNS	1
TOTAL			8

* FOR INFORMATION ONLY

STREET NAME	NO. BLADES REQ'D	
	6 3/4" STD.	9" METRO
135th St 300 S	-	1
135th St 200 S	-	1
Maple Dunes 200 S	-	1
Limuel 300 S	-	1
Forestview 200 S	-	1
Firefly 300 S	-	1
Breezy Pointe Cir 200 S	-	1
Cedar Park 200 S	-	1

STREET NAME	NO. BLADES REQ'D	
	6 3/4" STD.	9" METRO
Maple 13600 W	-	1
Maple 13500 W	-	1
Maple 13100 W	-	1
Maple 13000 W	-	1
Maple 12800 W	-	1
Maple 12700 W	-	1
Maple 12500 W	-	1
Maple 12100 W	-	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 BACKGROUND 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.

MAPLE IMPROVEMENTS - 135TH ST. W. TO 119TH ST. W.
SIGNING DETAILS

SRB
224 NORTH MAIN
WICHITA, KANSAS 67203
www.srb1.com
316-264-8008
FAX 264-4821
E-Mail: srb@srb1.com
SAVOY, RUGGLES & BOHM, P.A.
ENGINEERING & SURVEYING

PROJECT NUMBER
472-76-245-83262-000-000-001

DRAWN	DESIGN	REVIEW	DATE	UTILITY	SHB JOB
COW/JRA	COW		Sept. 7, 2001		1217T

REVISED

SHEET Sign Details 88
SHEET 127