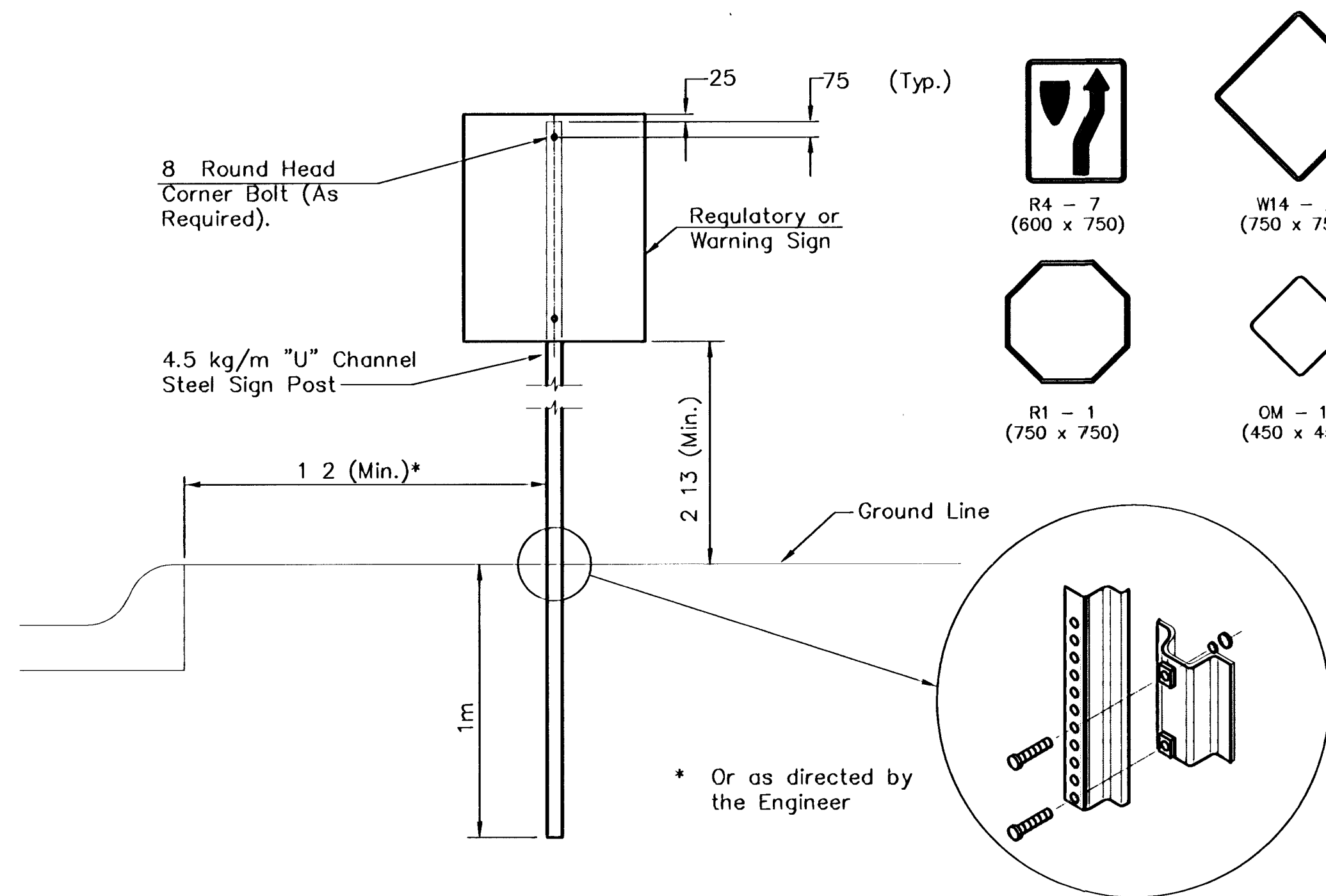
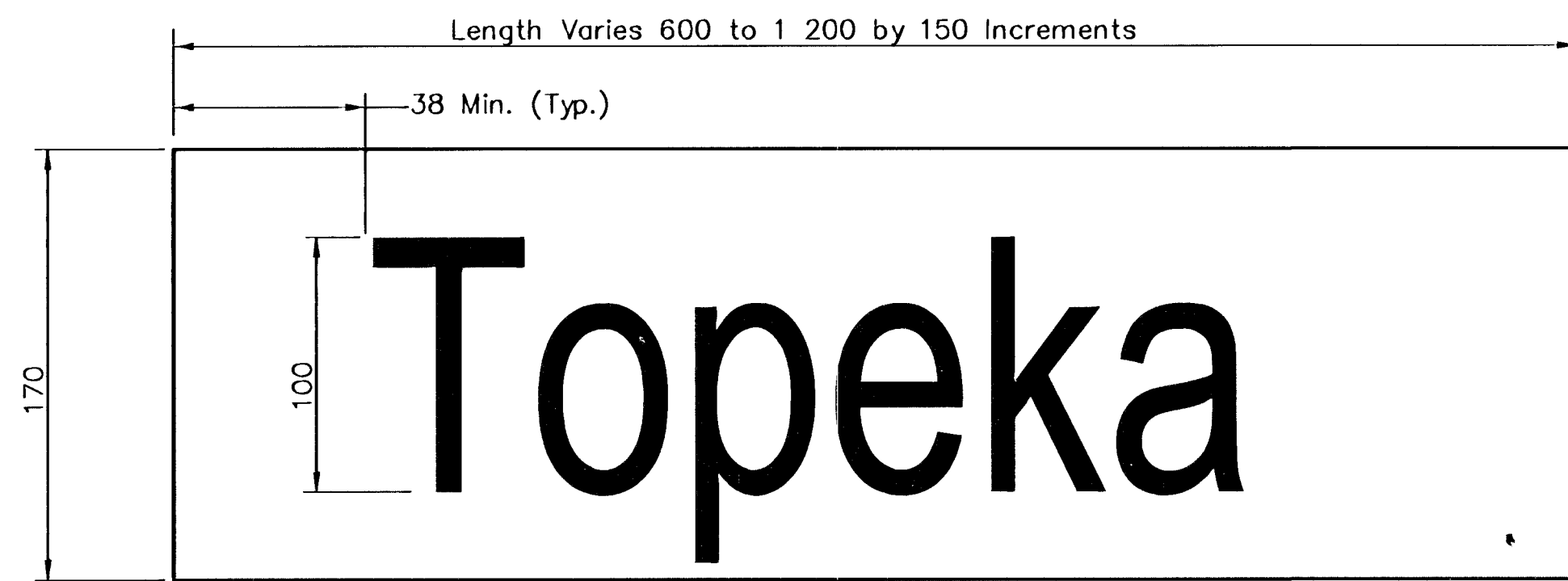
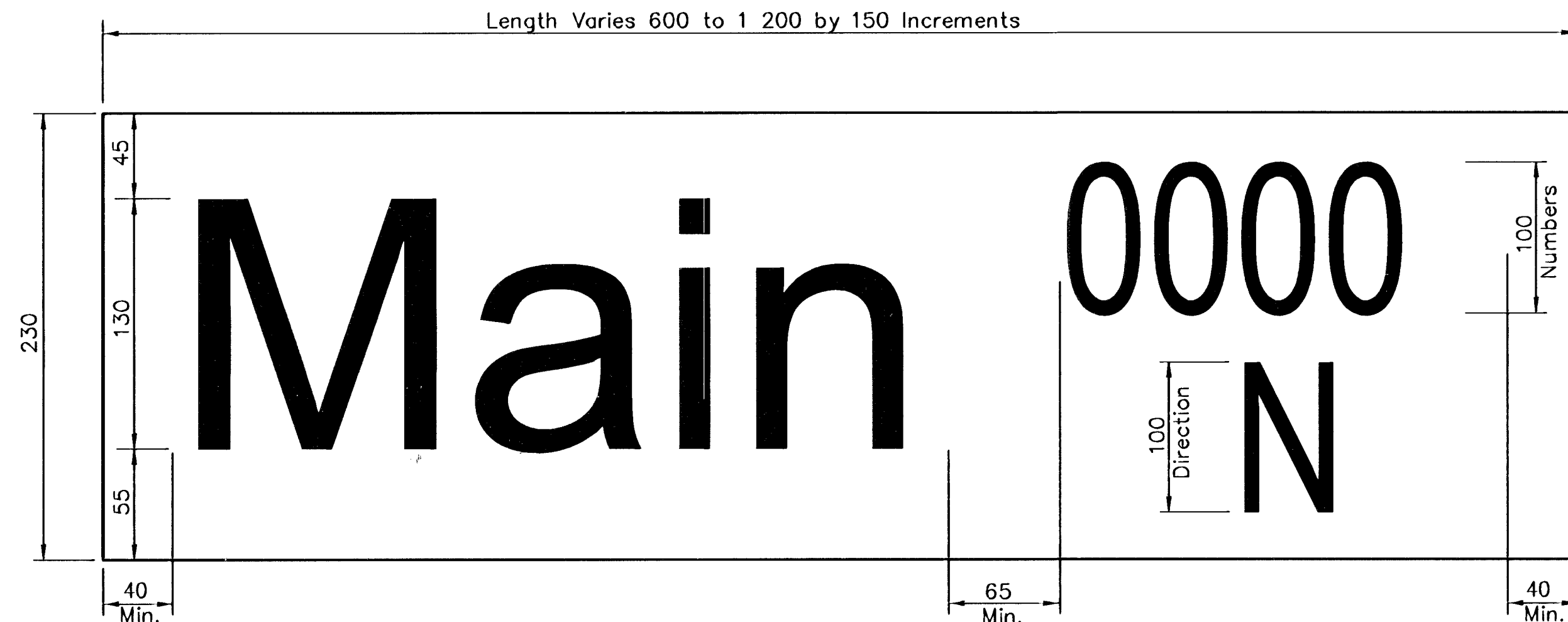




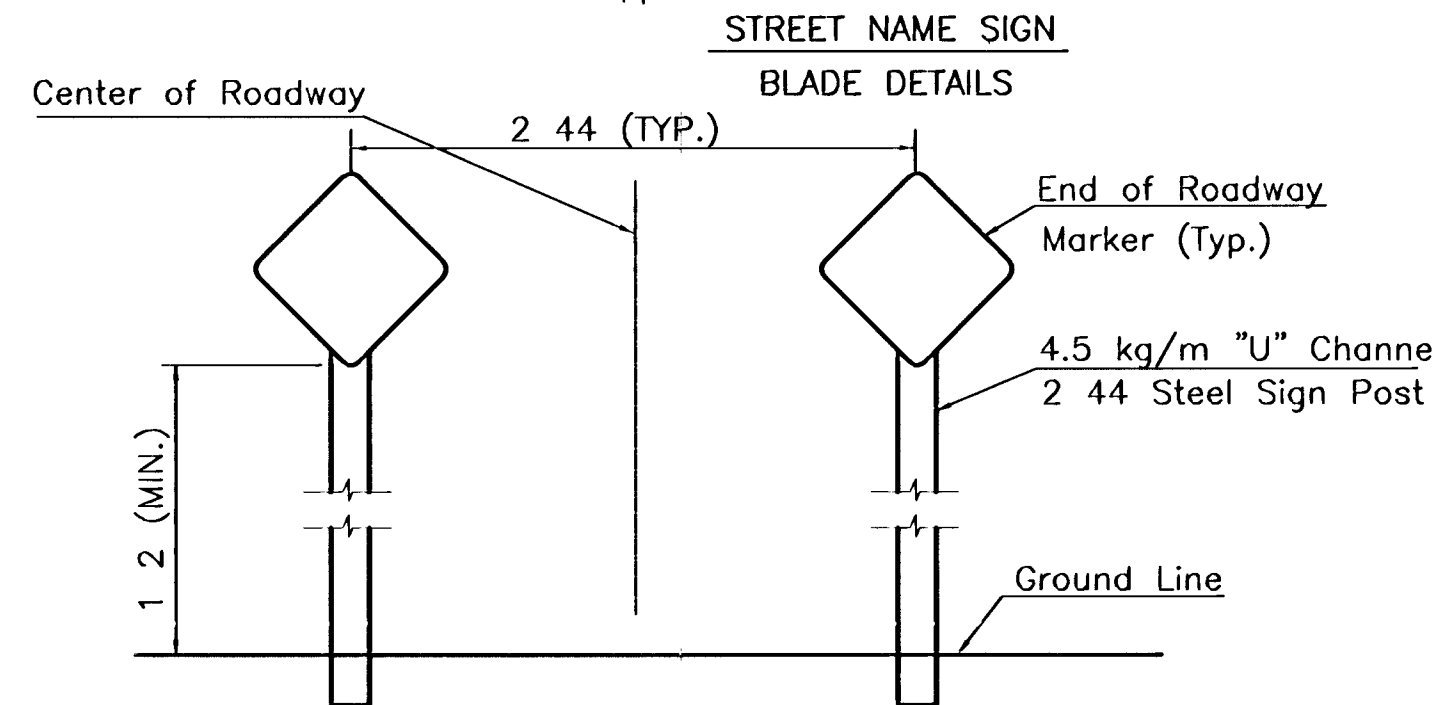
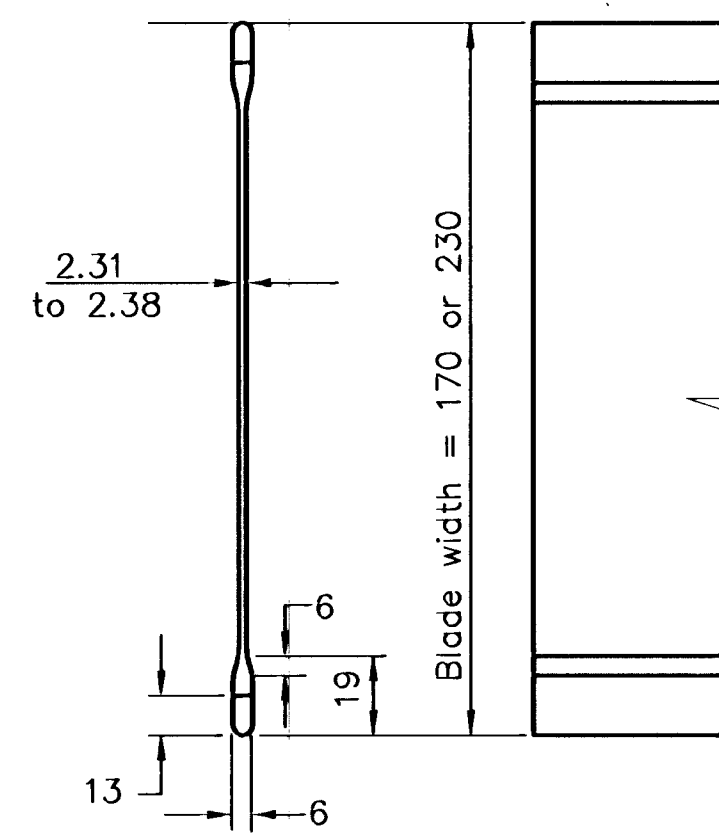
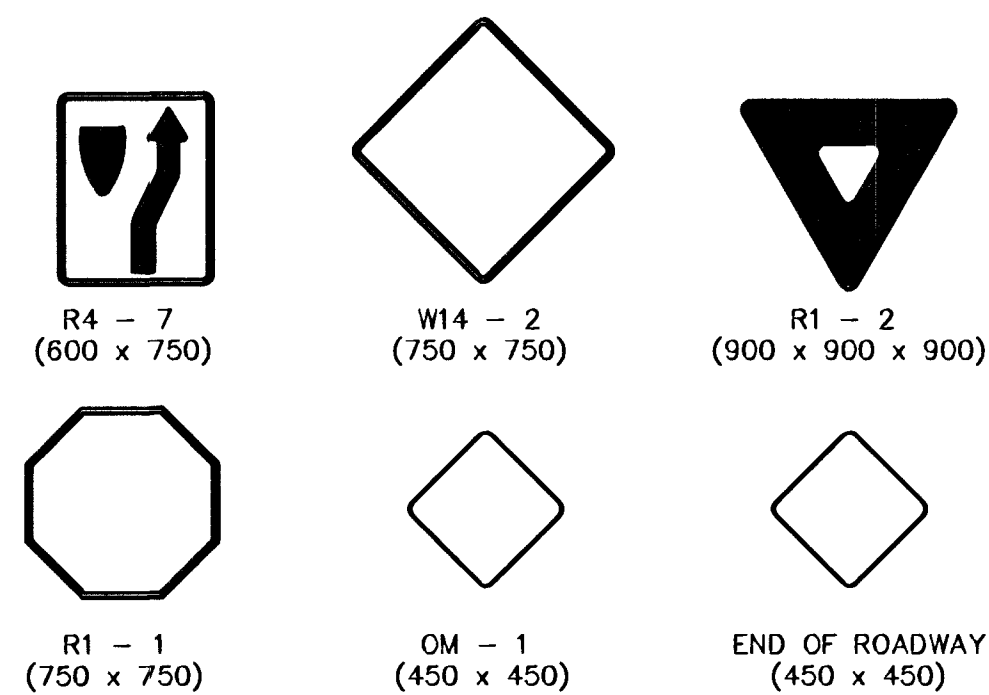
TYPICAL TRAFFIC CONTROL SIGN MOUNTING INSTALLATION
CURB AND GUTTER SECTION



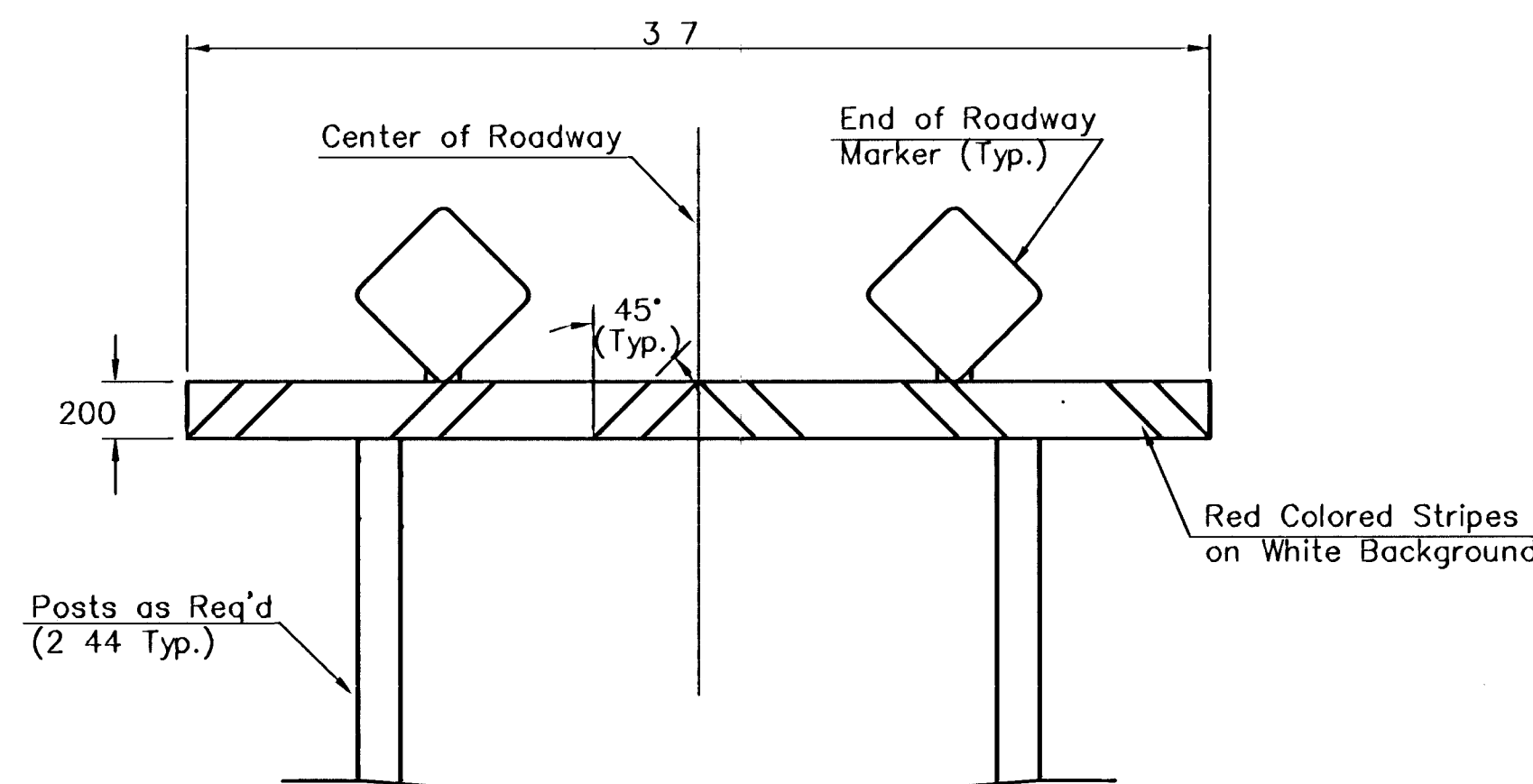
DETAIL A
170 STANDARD



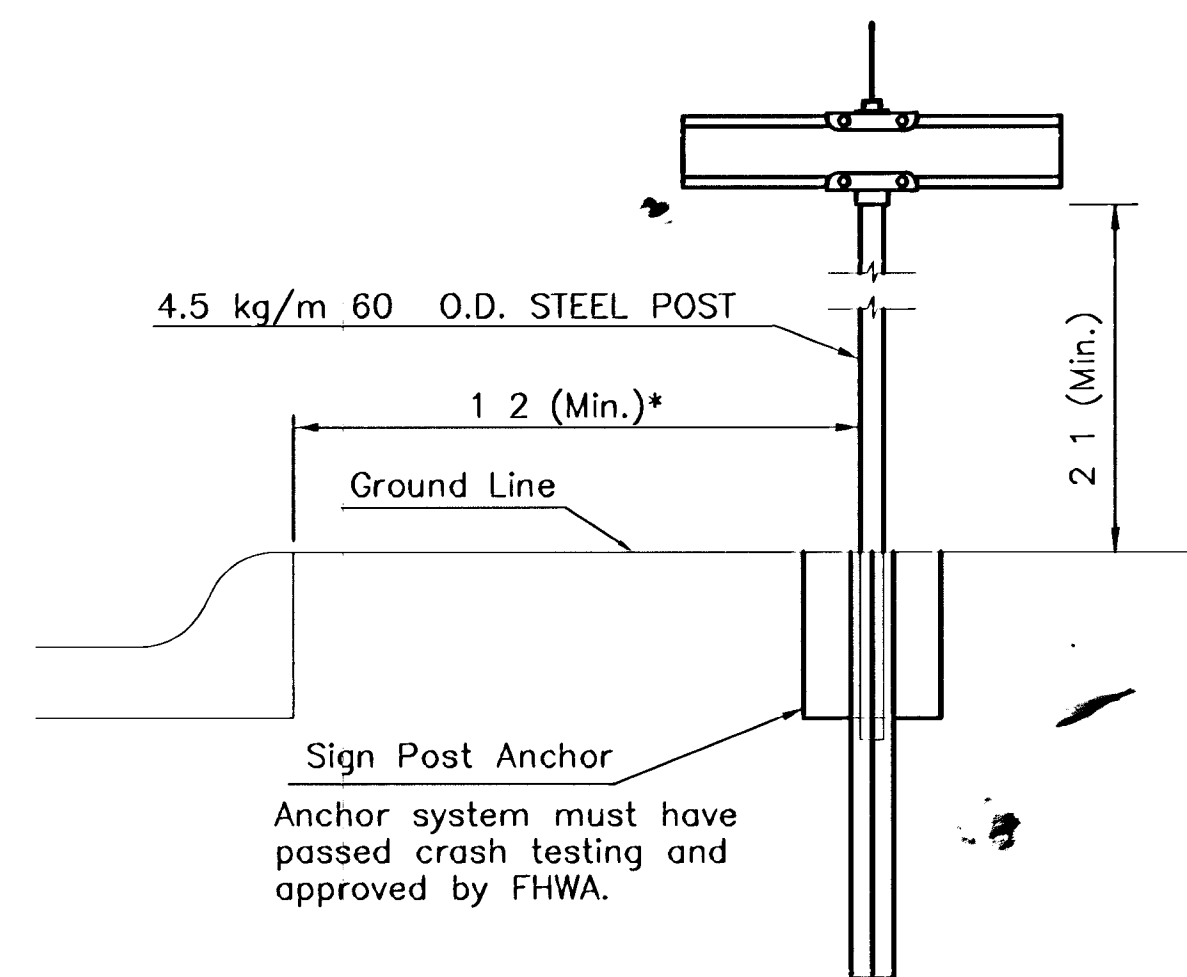
DETAIL B
230 METRO



TYPICAL END OF ROADWAY SIGN MOUNTING INSTALLATION



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



TYPICAL STREET NAME SIGN MOUNTING INSTALLATION
CURB AND GUTTER SECTION

PARTICIPATING SIGN ASSEMBLY TABLE

STATION	OFFSET	SIGN	QUANTITY*
9+937	Lt.	R2-1 (40)	1
10+006	Rt.	R1-1	1
10+016	Rt.	R2-1 (35)	1
10+056	Rt.	R1-1	1
10+152	Lt.	R1-1	1
10+165	Rt.	R1-1	1
10+273	Rt.	R1-1	1
10+382	Rt.	R1-1	1
10+491	Rt.	R1-1	1
10+481	Lt.	R2-1 (35)	1

NON-PARTICIPATING

STREET NAME	NO. BLADES REQ'D	NO. METRO
Grove 1200 S	—	1
Harry 2300 E	—	1
Poplar 1200 S	—	1
Harry 2300 E	—	1
Green 1200 S	—	1
Harry 2400 E	—	1
Green 1100 S	—	1
Harry 2500 E	—	1
Estelle 1200 S	—	1
Harry 2500 E	—	1
Volusia 1200 S	—	1
Harry 2600 E	—	1
Erie 1200 S	—	1
Harry 2800 E	—	1
George Washington Dr. 1200 S	—	1
Harry 3000 E	—	1

Bus Stop Sign (R7-107)		
Sta. 10+025	Rt.	1
Sta. 10+023	Lt.	1
Sta. 10+195	Rt.	1
Sta. 10+268	Lt.	1
Sta. 10+357	Rt.	1
Sta. 10+557	Lt.	1
Sta. 10+582	Rt.	1
Pedestrian Xing Ahead (S1-1 and W16-9p)		
Sta. 10+038	Rt.	1
Sta. 10+235	Lt.	1
Sta. 10+235	Lt.	1
Hospital Sign (S9-2 and W6-1 white on blue)		
Sta. 10+201	Rt.	1

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

- POST ANCHORS: POSTS SHALL BE ANCHORED WITH A YIELDING BASE POST SUPPORT AS DETAILED.
- 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.
- 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.
- POSTS FOR END OF ROADWAY SIGN TO BE 2.44m LONG AND INSTALLED A MINIMUM OF 1.2m FROM ROADWAY TO BOTTOM OF SIGN.
- 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.
- SIGN BLADES FOR STREET NAME SIGNS: EXTRUDED ALUMINUM BLADES SHALL BE ALUMINUM ALLOY CONFORMING TO 6063-T6 OR 5052-H38 (ASTM SPECIFICATION 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.
- 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.
- FASTENERS: ALL STEEL FASTENERS FOR TRAFFIC CONTROL SIGNS SHALL BE GALVANIZED AND SHALL CONFORM TO THE REQUIREMENTS OF SUBSECTION 1614 OF THE STANDARD SPECIFICATIONS.
- REFLECTIVE SHEETING: REFLECTIVE SHEETING SHALL BE TYPE II - HIGH PERFORMANCE CLASS HA IN ACCORDANCE WITH SUBSECTION 2201 OF THE STANDARD SPECIFICATIONS.
- PROCESS INK: ALL PROCESS INK SHALL CONFORM TO THE REQUIREMENTS OF SUBSECTION 2202 OF THE STANDARD SPECIFICATIONS.
- DETAILS: REGULATORY AND WARNING SIGNS SHALL CONFORM TO THE DETAILS IN "STANDARD HIGHWAY SIGNS", FHWA, 1979.
- 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.
- 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
605 NORTH MAIN STREET
WICHITA, KANSAS 67202
(316) 268-5114 FAX

SIGNING DETAILS

M. E. LINDEBAK P.E. - CITY ENGINEER

PROJECT NUMBER 472-83686 DCA # 706951

DATE SHEET 47 OF 62