

GENERAL NOTES - SIGNING

NOTE: References below to "standard specifications" refers to the KDOT 2007 Standard Specifications

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 3 lbs./foot minimum.
3. **Posts for Street Name Signs (SNS):** Posts shall be 9 feet long, constructed from 2 3/8" O.D. galvanized steel pipe weighing a minimum of 3 lbs./ft. Posts shall be positioned so that the bottom blade is 7 feet above grade.
4. **Sign Blanks for Traffic Control Signs.** Sign blanks shall be fabricated from 0.080" aluminum alloy 6063-T6 conforming to the requirements of subsection 1626 of the standard specifications.
5. **Sign Blades for Street Name Signs:** Extruded aluminum blades shall be aluminum alloy conforming to 6063-T6 or 5052-H38 (ASTM Specifications 6221, latest issue). Blades shall be an alodine or phosphate etched finish.

Blades shall have square corners and no holes. Minimum blade length shall be 24". Maximum blade length 48". Length varies by increments of 6".

6. **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 5/16" zinc-plated allen-type set screws have self-locking saw-tooth ends.

7. **Fasteners.** All steel fasteners for traffic control signs shall be galvanized and shall conform to the requirements of Subsection 1614 of the standard specifications.

8. **Reflective Sheeting.** Reflective sheeting shall be Type II - High performance class HA in accordance with subsection 2201 of the standard specifications.

9. **Process Ink.** All process ink shall conform to the requirements of subsection 2202 of the standard specifications.

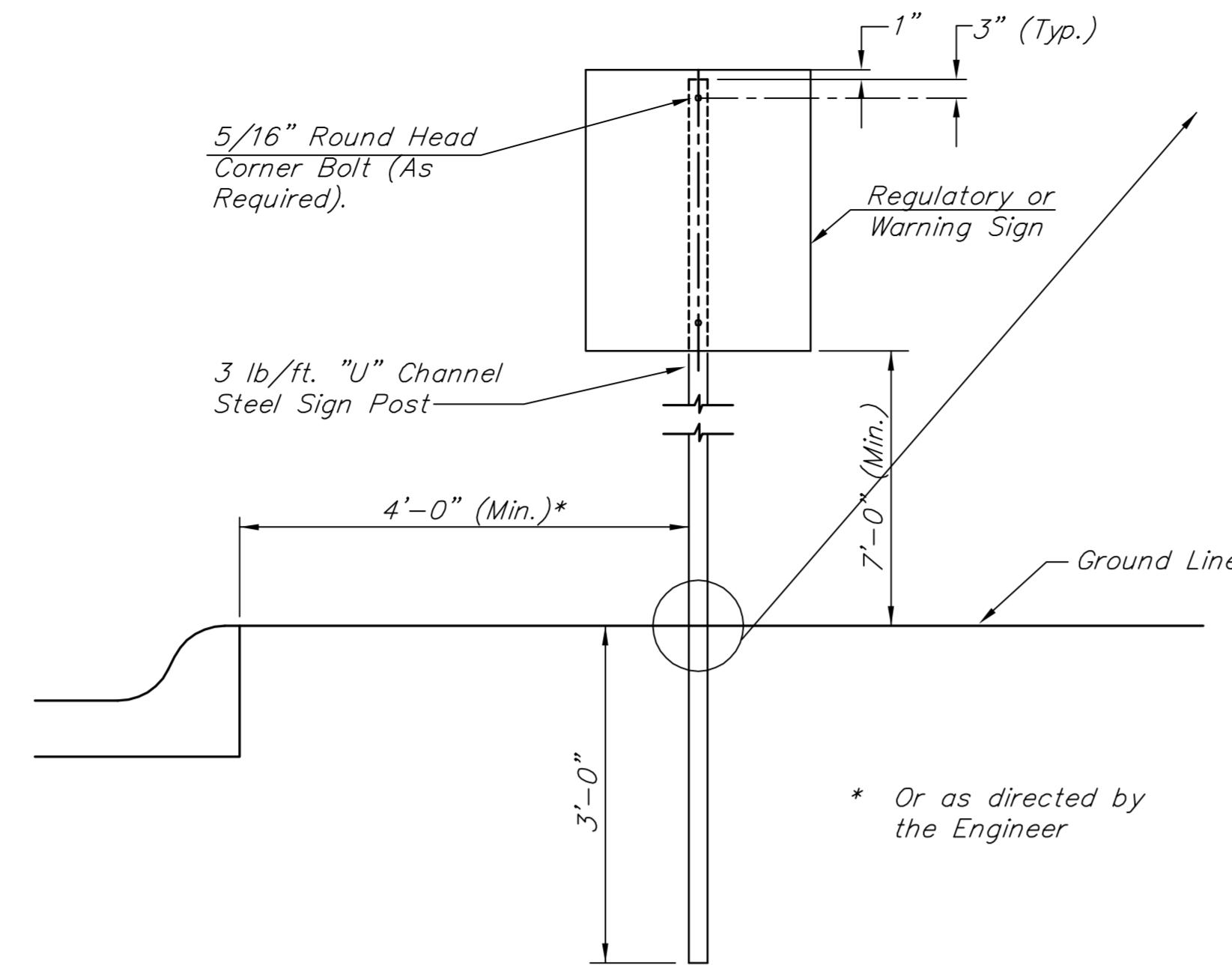
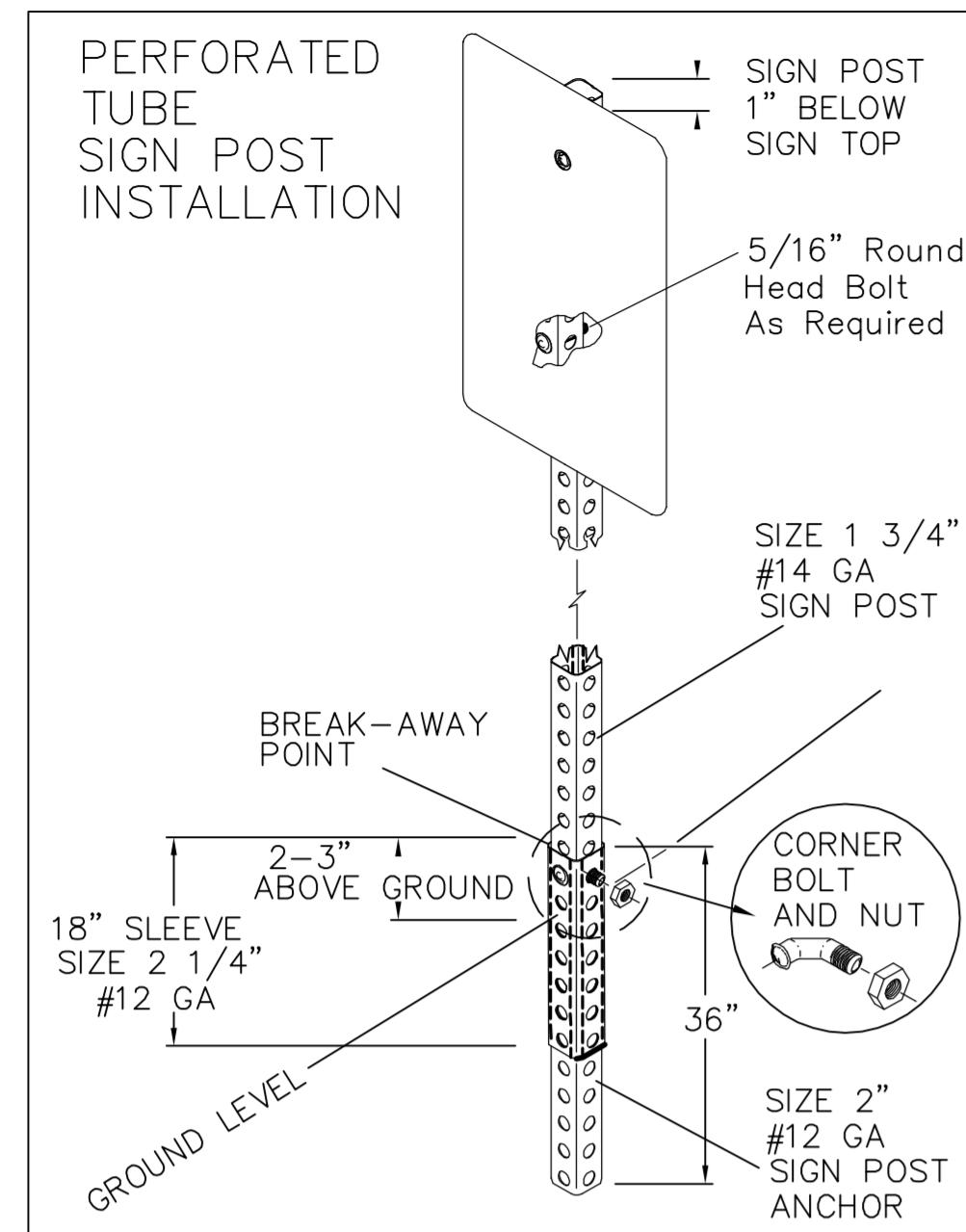
10. **Details.** Regulatory and warning signs shall conform to the details in "Standard Highway Signs", FHWA 1979.

11. **Details - SNS:** The reflective sheeting for the 6 3/4" standard size SNS is to be the Highway Green background with Silver-White #2 copy with 4" upper case and lower case primary copy and suffix copy, both Series "C".

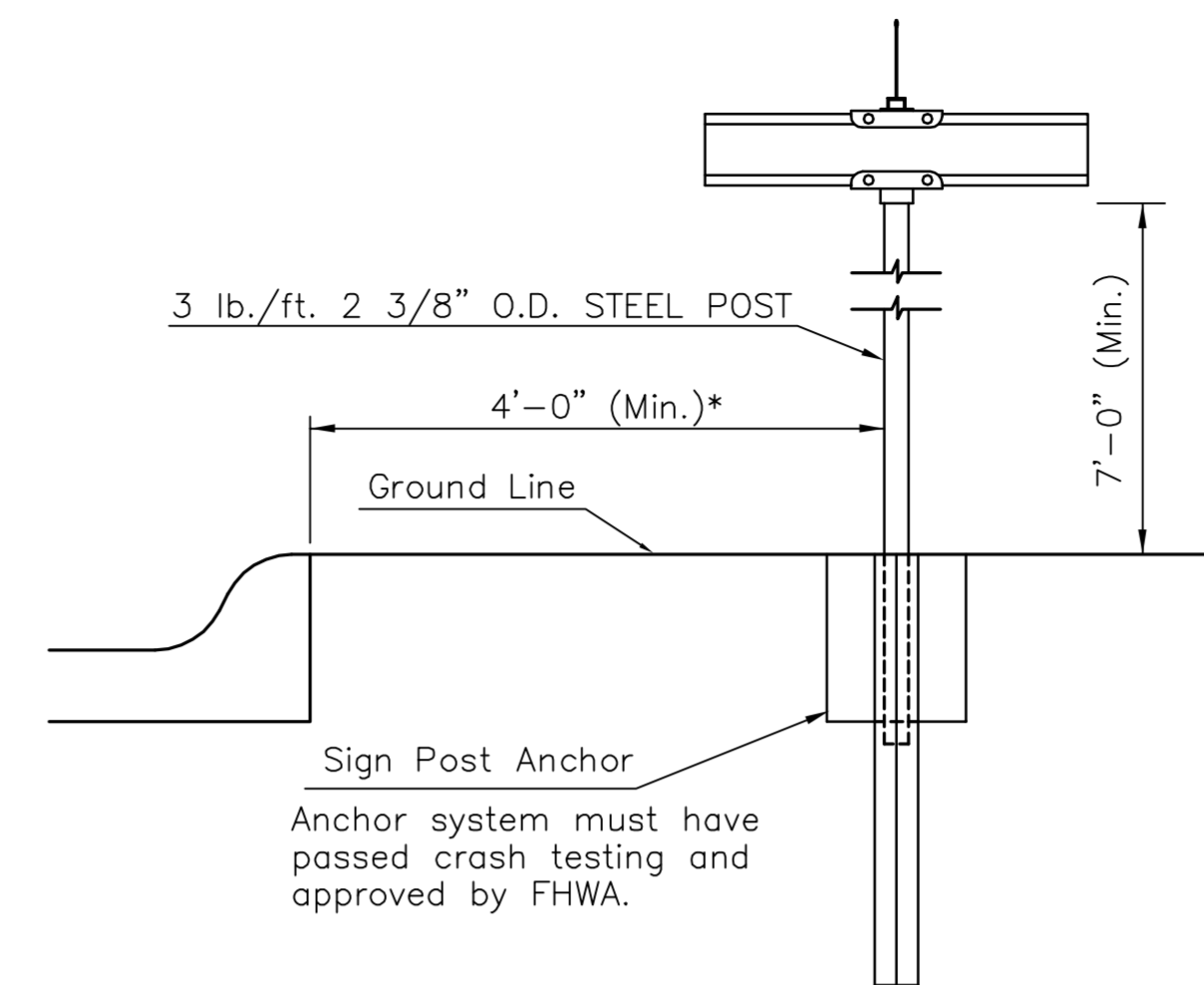
The reflective sheeting for the 9" Metro size SNS is to be the Highway Green background with Silver-White #2 copy with 5" upper case and lower case primary copy and suffix copy, both Series "C". The cardinal direction centered directly below the block numbers shall be an upper case, 3" Series "C" letter.

Shop Drawings 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 form ragged edges, cracks, scales or blisters and shall be clean-cut. Signs shall be packed in such a manner as to prevent damage or defacement during shipment and storage.

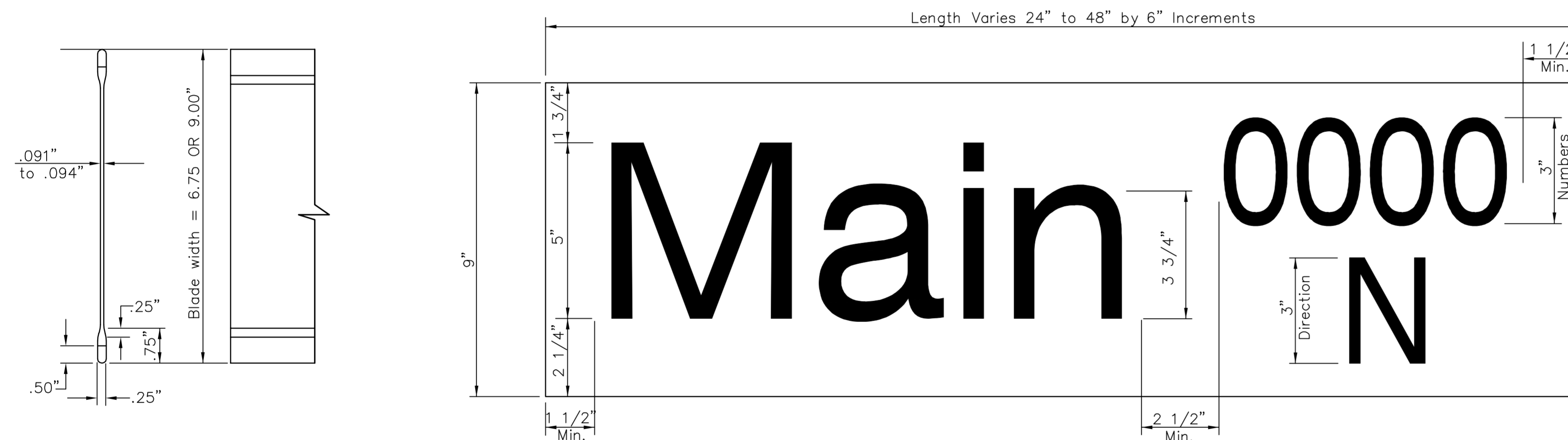
12. **New traffic control and street name signs.** New traffic control and street name signs shall be measured and paid for at the lump sum price for signing. The payment as set forth above shall be considered full compensation for all excavation, backfilling, posts, anchors, fasteners, materials, labor, tools, and incidentals necessary to complete this work.



Typical Traffic Control Sign Mounting Installation
Curb and Gutter Section



Typical Street Name Sign Mounting Installation
Curb and Gutter Section



Street Name Sign
Blade Detail

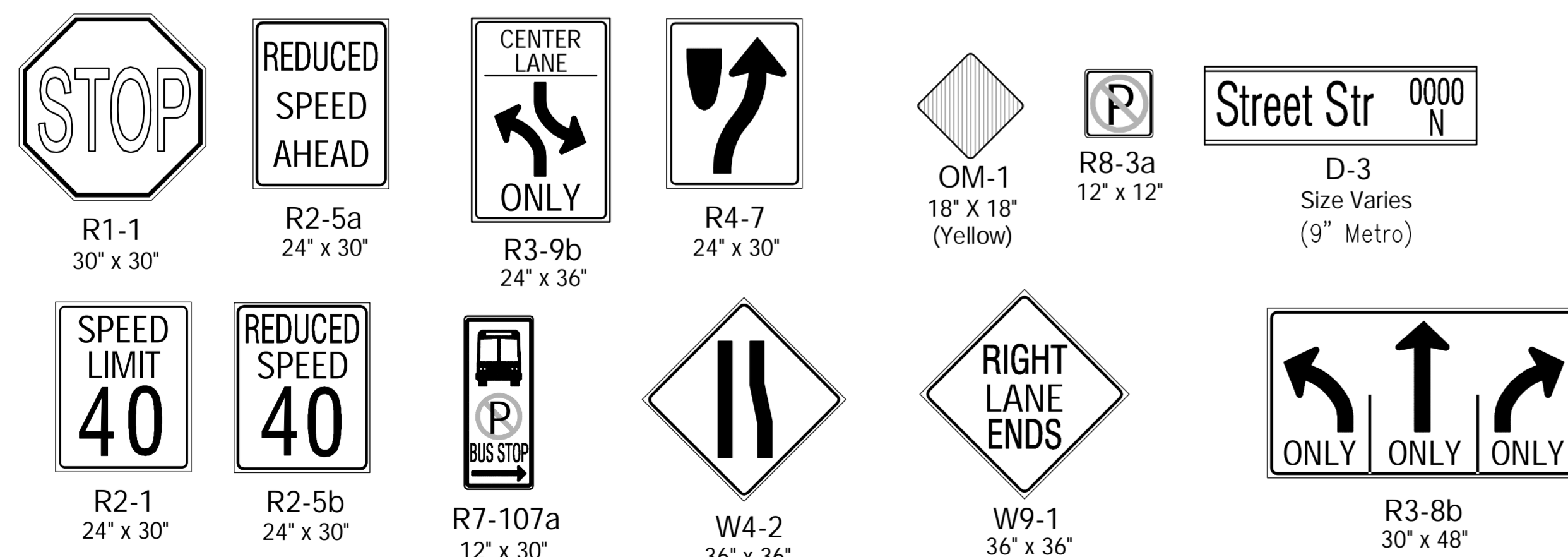
9" Metro Street Name Sign

STREET NAME	NO. BLADES REQ'D	
	18" (Mast Arm)	9" METRO
MACARTHUR	2	--
MERIDIAN	2	--
		NEW RELOCATE
MACARTHUR RD ²⁴⁰⁰ / _W	--	1 --
MERIDIAN AVE ³⁸⁰⁰ / _S	--	1 --
MACARTHUR RD ²⁵⁰⁰ / _W	--	1 --
MERIDIAN AVE ⁴⁰⁰⁰ / _S	--	1 --
MACARTHUR RD ¹⁶⁰⁰ / _W	--	-- 1
FERN AVE ³⁸⁰⁰ / _S	--	-- 1

FOR INFORMATION ONLY.

SIGNING QUANTITIES THIS PROJECT				
TYPE	SIGN FACE DESCRIPTION	SIZE	INSTALL	RELOCATE
D-3	STREET NAME SIGN ASSEMBLY	9" (METRO)	4	
OM-1	OBJECT MARKER (YELLOW)	18" x 18"	12	
R1-1	STOP	30" x 30"	1	
R2-1	SPEED LIMIT (40)	24" x 30"	4	
R3-9b	DUAL OPPOSING LEFT TURNS	24" x 36"	4	
R4-7	KEEP RIGHT	24" x 30"	4	
R8-3a	NO PARKING ANY TIME	12" x 12"	3	
R7-107a	NO PARKING - BUS STOP	12" x 24"	1	
W9-1	ADV RIGHT LANE ENDS	24" x 30"	3	
W4-2	LN ENDS MERGE LT-SYMB	36" x 36"	3	

FOR INFORMATION ONLY



Typical Street Signing

(This Project)

Drawing File: E:\MacArthur\LandVeg\Base.dwg (Sign Dtl)

Project No. 0404EB56 CAPITAL IMPROVEMENT PROJECT
 MACARTHUR ROAD & MERIDIAN AVENUE
 SIGNING DETAILS
 MACARTHUR ROAD PAVING, MERIDIAN AVENUE TO SENECA STREET

Baughman Company, P.A.
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 ENDS-ENGINEERING | SURVEYING | PLANNING | LANDSCAPE ARCHITECTURE

July 2007

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