

LUMINAIRE BRACKET (TYP.) ~ WHEN SIGN LIGHTING IS

SHOWN IN CONTRACT

PERSPECTIVE VIEW

MONOTUBE STRUCTURE

- 1. Refer to Contract Plans for Monotube Beam Bracket element sizes, dimensions, and weld symbols.
- 2. See Standard Plan G-90.10 for Sign Bracing and Mounting details. For Sign Bridge Structure parts, see Standard Specification Section 9-28.14(2).
- 3. Galvanize all non-stainless steel parts. See Standard Specification Section 9-28.14(2) for requirements.
- 4. See Standard Plan G-90.40 for Sign Lighting details.
- 5. Hand holes shall be installed at the time of fabrication. Only additional conduits for lighting accommodations to previously non-illuminated structures may be installed in field as long as the proper repairs are made to the structure. For details notshown, see Standard Plan J-75.40
- 6. For VMS mounting, the Contractor may substitute W6 × 12 steel or W8 × 13 steel sections for the Vertical Brace W4 × 13 steel.
- 7. 3' 0" max. Vertical Brace and Monotube Beam Bracket spacing for walk-in cabinet Type VMS installation.
- 8. All locknuts shall conform to Standard Specification **Section 9-28.11** as supplemented in the Special Provisions.
- 9. For all sign lighting bracing details not shown, see Standard Plan G-90.11.



OVERHEAD SIGN MOUNTING (MONOTUBE STRUCTURE) STANDARD PLAN G-90.20-05

SHEET 1 OF 1 SHEET

APPROVED FOR PUBLICATION

STATE DESIGN ENGINEER

Washington State Department of Transportation