GENERAL NOTES

4. Barrier walls shall be supported to prevent deformation during placement of slipage slab or socket on cast-in-place installations.
5. The engineer shall establish locations for all sign posts in accordance with details shown on the plans.
6. All sign posts shall be mounted plumb.
7. Bolts, nuts, washers, and anchor bolts shall conform to ASTM A577. They shall be galvanized in accordance with ASTM A562 or ASTM A563.
8. All steel cuts shall preferably be saw cuts; however, flame cutting will be permitted provided all edges are ground.
9. Mounting system for each sign location shall be as shown on the plans.
10. All welding is to be in accordance with AWS specifications of current issue and shall be continuous.
11. Anchor bolts for retro-fit installation shall be M10 UNC HUS-C-Grip anchors and shall be drilled and filled with approved epoxy grout in 2 inch holes for 3/8 inch bolts and 1 1/8 inch holes for 1/2 inch bolts.
12. Retro-fit installation procedure shall not be used on new construction without approval of the Engineer.
13. Sign panels, mounted on concrete barrier, shall not encroach the travel lane.
SURFACE MOUNT SUPBASE TUBULAR STEEL SIGN BASE REQUIREMENTS

FOR 2½ INCH POSTS (P1 & P2 POSTS)
FOR CONCRETE SURFACES GREATER THAN ½ INCH THICK
FOR CONCRETE SURFACES GREATER THAN 1/2 INCH IN WIDTH

INSTALLATION REQUIREMENTS:
- BASE PLATE SHALL BE 1/8" THICK, ASTM A 36 PLATE STEEL
- PIPE SIZE 3-INCH NOMINAL SCHEDULE 40, ASTM A 53 OR B
- TOP PLATE MUST BE COMPATIBLE WITH SUPBASE CASTING FROM STANDARD PLAN S-614-8
- MEET ASTM A 653 CALAMINING AFTER FABRICATION IS COMPLETED.

SURFACE MOUNT SUPBASE TUBULAR STEEL SIGN BASE NOTES
1. REFER TO SIGNING PLANS FOR SIGN LOCATIONS AND HEIGHT
2. MINIMUM ALLOWABLE TENSION CAPACITY FOR ANCHORS: 3000 LB
3. MAXIMUM ALLOWABLE MOUNTING MOMENT FOR SIGN BASE: 500 IB-Ft.

CAST-IN-PLACE CONCRETE BARRIER INSTALLATION

SURFACE MOUNT CASTING DETAIL (P1 & P2 POSTS)

SURFACE MOUNT CASTING (P1 & P2 POSTS)

BASE PLATE AND 3" OD SCHEDULE 40 STUB

CONCRETE PLATE SCREW INSTALLATION

RETRO-FIT CONCRETE BARRIER INSTALLATION

SADDLE BRACKET (P1 & P2 POSTS)