GENERAL NOTES:


All concrete shall be ASTM Specification A765. Bar size #9 and smaller shall be designated as Grade 60 and furnished as Grade 90 or 60. Bar size #1 and larger shall be Grade 60.

Structural steel shall conform to ASTM Specification A572 unless noted otherwise.

Steel for trucks shall meet the 27 ksi yield strength requirement of 70 per cent of the test force at 40°F. Testing shall be in accordance with AASHTO T863 (ASTM A475). Frequency (H) shall be used.:

<table>
<thead>
<tr>
<th>Steel Class &amp; Grade</th>
<th>Yield Strength</th>
</tr>
</thead>
<tbody>
<tr>
<td>Grade 40 Round Bar</td>
<td>36,000 psi</td>
</tr>
<tr>
<td>Grade 60 Round Bar</td>
<td>46,000 psi</td>
</tr>
<tr>
<td>Structural Steel</td>
<td>52,000 psi</td>
</tr>
</tbody>
</table>

(Unless noted otherwise)

All dimensions for reinforcing steel shall be to center of bars unless noted otherwise.

All reinforcing steel shall have 2" clear cover unless noted otherwise.

For painting of structural steel, refer to Specifications.

All welds shall conform to the requirements of the American Welding Society’s Structural Welding Code, AWS D1.1/SPG, as modified by the AASHTO Std. Spec. for Welding of Structural Steel Highway Bridges, 1991, reissue 1997.

There shall be no butt welds in horizontal main chord angles or in pipe columns. The location of any other butt weld shall be submitted to the Engineer for approval. All butt welds shall be full penetration using prescribed welding procedures and shall be radiographed. All butts welds shall be ground flush on both sides, full width. Grindings shall be painted to the length of the member. The column to base plate weld shall be checked by ultrasonic testing.

Where pipes are specified it shall be welded or seamless steel pipe and shall conform to ASTM Specifications A106, Grade B or Type E or Type S, A532 Grade E or Grade S, A500, Grade B, Type E only, or A501, Grade 44, Type E or Grade S, A709, Grade 60, Type E or Grade S.

During sign erection the sign post shall be rated as necessary with the use of the leveling nuts to make the sign panel level. See roadway plans for specific location and elevations.

Dimensions shall not be scaled from drawings.

DESIGN APPROVED: J.E. Brown

STATE OF ARIZONA
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
STANDARD DRAWINGS

CANTILEVER TRAFFIC SIGN STRUCTURE

DEPARTMENT HEAD
JAMES O. BELL

2-5-97

2-S-5.17