GENERAL NOTES
CONSTRUCTION: Arizona Highway Department Standard Specifications.

DESIGN:
- Design shall conform to AASHTO Specifications for the design and construction of structural support for highway signs, 1968.
- The dead load deflection requirements in Section 7 are waived for short span single tapered tube structures.
- Reinforcing steel shall be intermediate grade and conform to the requirements of A.S.T.M. A515, Grade 40.
- All welding shall conform to Arizona Highway Department Specifications.
- All sign supports shall be set true and plum, see plans for specific locations.
- Tapered tubes shall conform to the requirements of A.S.T.M. A-595 Grade 5.
- All structural steel and anchor bolts shall conform to the requirements of A.S.T.M. A-36 unless otherwise noted.
- Connections bolts shall conform to the requirements of A.S.T.M. A-325.
- All bolts, nuts, and washers other than high strength bolts and anchor bolts shall be zinc or cadmium plated.
- Paint and priming shall conform to Arizona Highway Department specs.
- Structural steel shall be painted with three coats of primer paint.
- "Red coat" Arizona Highway Department Grade 3.
- "Green coat" Arizona Highway Department Grade 3.
- The inside of tapered tubes shall be painted with one coat of Arizona Highway Department Grade 3.
- Red lead primer coat applied at the sign structure fabrication plant will be an acceptable substitute for Arizona Highway Department Grade 3.
- Sign and Lighting Support Brackets may be galvanized in lieu of painting.
- Galvanized shall conform to the requirements of A.S.T.M. A-123.
- Vertical clearance shall be 180°F above high point on roadway.
- Tubular dimension and shapes shown on plans are nominal.
- All foundation concrete shall be Class 5 (C500).

DESIGN APPROVED BY:

STATE OF ARIZONA
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
STANDARD DRAWINGS

DESIGNER

TAPERED TUBE SIGN STRUCTURE
4-5-5-01