



TRAFFIC SIGNAL MASTARM NOTES:

- DESIGN IN ACCORDANCE WITH 1985 ASHTO SPECIFICATIONS FOR STRUCTURAL SUPPORTS FOR HIGHWAY SIGNS, LUMINARIES, AND TRAFFIC SIGNALS FOR AN 80 MPH WIND ZONE.
- POLES AND MASTARMS SHAFTS SHALL CONFORM TO ASTM A-595 GRADE A (MIN YIELD 55 KSI).
- BASE PLATE AND SIGNAL ARM CLAMP SHALL BE ASTM A-36 (MIN. YIELD 36 KSI).
- ANCHOR BOLTS SHALL BE ASTM A-36 MOD 55 (MIN. YIELD 55 KSI).
- SIGNAL ARM CONNECTING BOLTS SHALL BE ASTM A-325.
- WELDING SHALL CONFORM TO THE REQUIREMENTS OF THE AMERICAN WELDING SOCIETY SPECIFICATIONS AWS D1.1, LATEST EDITION. ALL WELDS SHALL BE FREE FROM CRACKS, EXCESSIVE UNDERGUT, AND POROSITY. ANY WELD DEFECTS SHALL BE REPAIRED BY REMOVING THE DEFECTIVE MATERIAL AND REPLACING IT WITH SOUND WELD MATERIAL.
- ALL HOLES SHALL BE DRILLED AND DEBURRED.
- ALL POLES, MASTARMS, AND BOLTS SHALL BE GALVANIZED TO ASTM A-123 & A-153.
- MASTARM SHALL BE MARKED TO DESCRIBE WHICH IS TOP AND WHICH IS BOTTOM. POLE PLATE COVER SHALL BE MARKED IN MATED PAIRS. POLE SHAFTS SHALL BE MARKED "ALB" "15-25" OR "30-40", AND DATE OF FABRICATION (MONTH/YEAR).
- DETAILS SHOWN ARE FOR STEEL POLES.
- BOLTS FOR TYPE III EXTENSIONS SHALL BE FURNISHED BY THE MANUFACTURER FOR ALL POLES INCLUDING TYPE II STANDARDS WITH NO EXTENSIONS.

NOTE: FOR SECTIONS A-A THROUGH G-G & DETAILS, SEE STD. DWG. 2562b

FINISH: GALVANIZED

REVISIONS	NM APWA
	TRAFFIC SIGNAL
	MASTARM DETAILS, TYPE II STANDARD
	DWG. 2562b FEB. 2006

MITERED ARM END (OPTIONAL)

ANCHOR BOLTS
15' 20' 25' ARM: 1-1/2"x54"x6"
30' 35' 40' ARM: 1-1/2"x54"x6"

ANCHOR BOLTS W/ HEX BOLTS & FLAT WASHERS

POLE PLATE SLOT DETAIL

5-SECTION TRAFFIC SIGNAL

3-SECTION TRAFFIC SIGNAL

TYPICAL MASTARM DETAIL