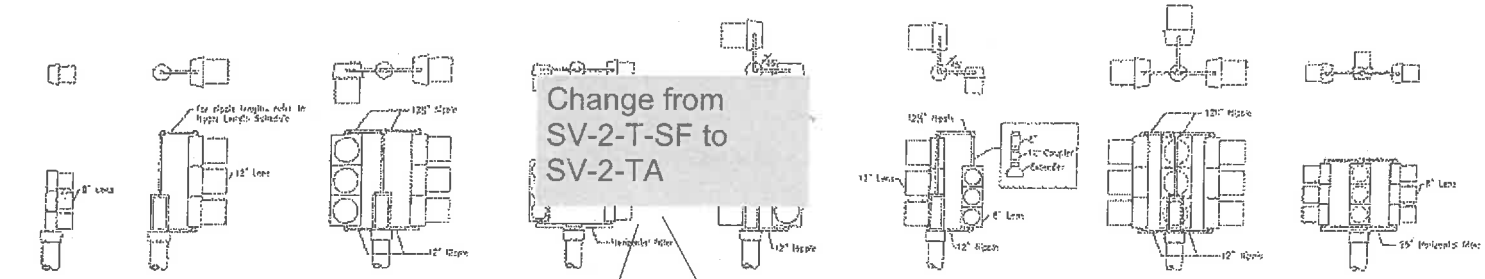
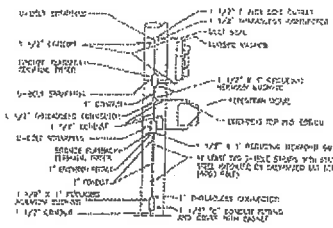
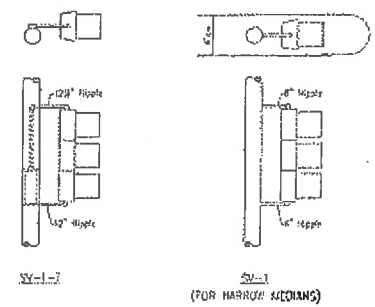
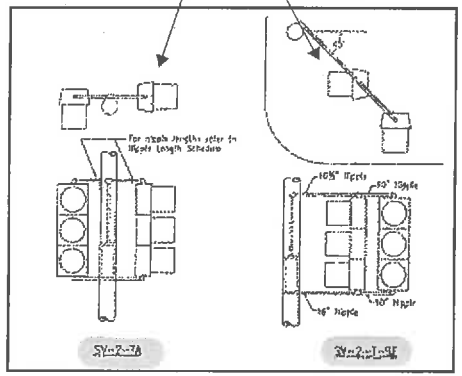
Change from SV-2-T-SF to SV-2-TA

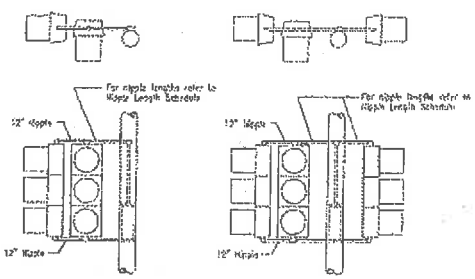


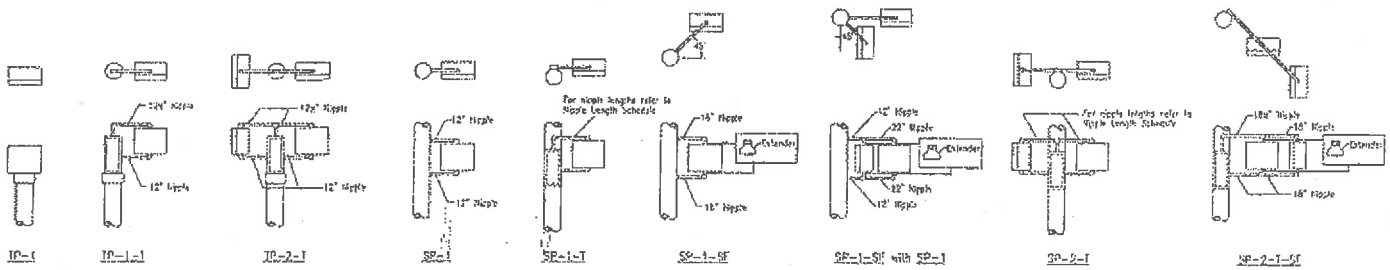
SIGNAL HEAD MOUNTINGS
EXTERNAL CONDUIT DETAILS




VEHICULAR SIGNAL MOUNTINGS




PEDESTRIAN SIGNAL MOUNTINGS

## NIPPLE LENGTH SCHEDULE

| SIGNAL HEAD DETAIL | POLE DIAMETER | LENS TYPE | TOP NIPPLE LENGTH | BOTTOM NIPPLE LENGTH |
|---|---|---|---|---|
| SV-2-TA<br>SV-3-TA<br>SV-2-TC | 8"&11" and 8" Sections | Standard | 12"<br>18"* | 12"<br>18" |
| SV-1-T<br>SP-2-T | 4" to 8" | Pedestrian | 12" | 12" |
| SP-1-T<br>SP-2-T | 7" to 8" | Pedestrian | 14" | 14" |
| SP-1-T<br>SP-2-1 | >8" | Pedestrian | 18" | 18" |
| TV-1-T | | Pedestrian<br>12" Sections or Combinations | 12" | 12" |

Notes: Combinations denote at least one 12" lens on the signal head.
All dimension are expressed in inches.

NOTES:

1. Mountings must be oriented to provide maximum horizontal clearance to adjacent roadway.
2. Bracket arms shall be long enough to permit proper placement of signals and backplates.
3. See State of California Department of Transportation standard plans ES-3D and ES-3E for attachment fitting details (except pole paint).
4. All fitting shall be 1-1/2 hot dip galvanized pipe.
5. Mounting details are for typically sized poles.
6. Mounting height is measured from the sidewalk to bottom of lower bracket nipple.
7. For side mounted signals, U-bolt clamp required for steel or concrete poles. Pole fitting A2D lug screws for wood poles.
8. Hardware plate shall be galvanized steel.
9. For TV-2-T-SFA and TV-2-T-SFB mountings, the terminal compartment shall be oriented to face the nearest curb to provide for street access.
10. See State of California Department of Transportation standard plans ES-3A and ES-3E for other types of signal head mounting details.

ABBREVIATIONS:

| | |
|---|---|
| PP | Top mounted pedestrian signal |
| TV | Top mounted vehicular signal |
| SP | Side mounted pedestrian signal |
| SV | Side mounted vehicular signal |
| 1,2,3,4 | Number of signal heads (3 section unless otherwise indicated) |
| T | Terminal compartment |
| TC | Terminal compartment in configuration "A" (See Detail ES-3V) |
| SF | San Francisco Standard |
| SFA | San Francisco Standard in configuration "A" |

| NO. | DATE | DESCRIPTION | BY | APP. |
|---|---|---|---|---|
| | | NAME OF REVISION: CHECK MAIN TRACING TO SEE IF YOU HAVE LATEST REVISION | | |

REFERENCE INFORMATION & FILE NO. OF SURVEYS

DEPARTMENT OF PARKING AND TRAFFIC
DIVISION OF TRAFFIC ENGINEERING
CITY AND COUNTY OF SAN FRANCISCO

| | |
|---|---|
| DESIGNED | DATE: |
| DPT | 01/01/95 |
| DRAWN | DATE: |
| CKL | 07/27/96 |
| CHECKED | DATE: |
| RD/BW | 1/4/02 |

APPROVED
SENIOR ENGINEER DATE:
1/24/02
CITY TRAFFIC ENGINEER DATE:

SCALE: NONE
SHEET OF SHEETS: 1 OF 1

# SIGNAL HEAD MOUNTINGS

SPECIFICATION NO.
DRAWING NO. STR-7025
FILE NO.
REV. NO.

ORIGINAL SHEET 24"
SCALE SHEET 11 12
PLOT SCALE 1:1
EXTERNAL REFERENCES: -none-
FILES USED: SHEET-STR-7025
LT MARC SCHUSTER Apr 09 2002 15:17
S:\TC_Jan 07 2002 15:17