

TRAFFIC SIGNAL NOTES

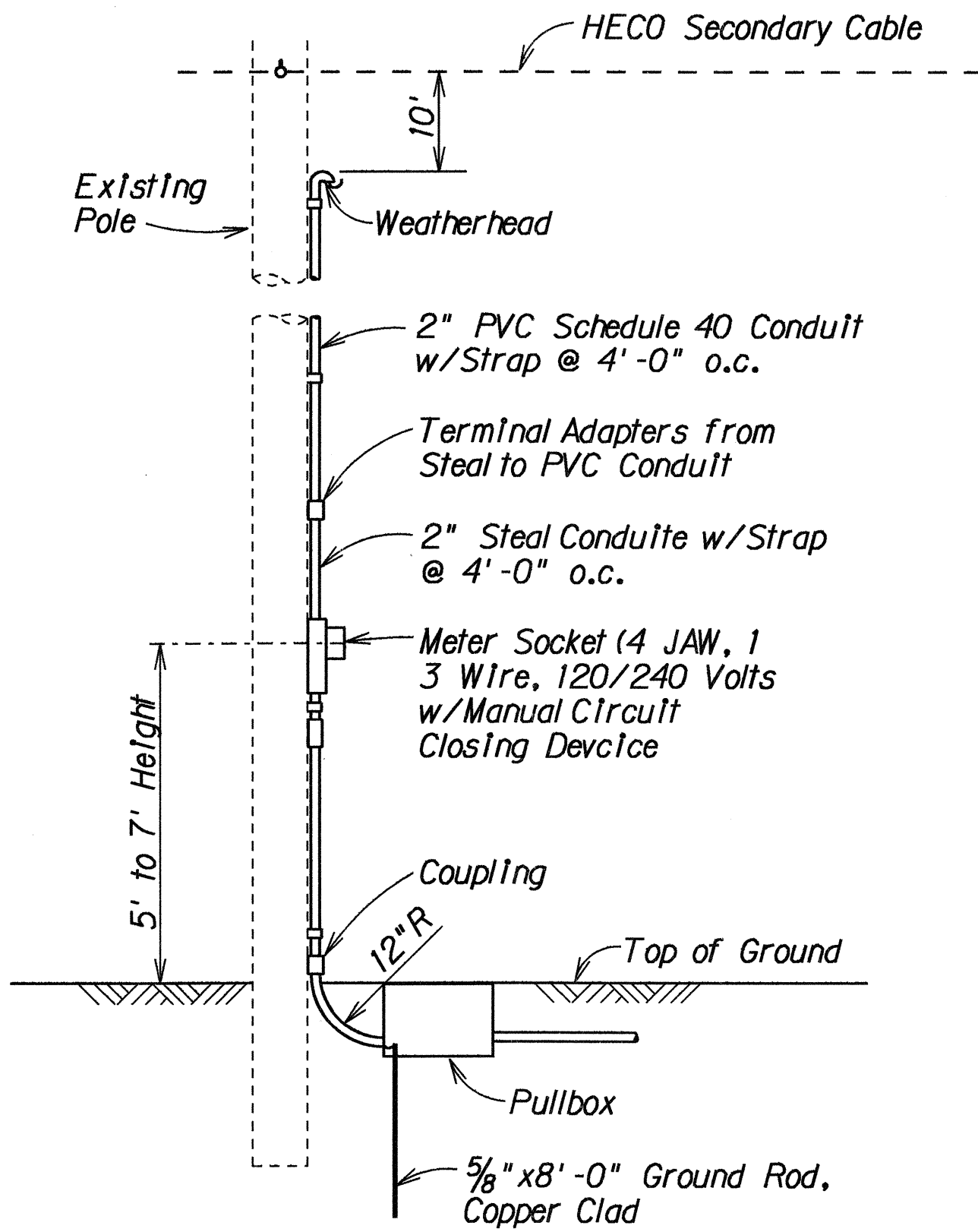
1. All traffic signal controller equipment shall be completely wired in the cabinet and shall control the traffic signals as called for in the plans.
2. The Contrator shall install each meter socket and 50 Amp. breaker on power pole as shown on the plans in accordance with HECO requirements. Meter shall be mounted between 5 feet and 7 feet above ground. Meter socket shall be 4-prong, complete with a manual circuit closing device.
3. Exist. conduits, cables and pullboxes not to be incorporated in the new traffic signal system shall remain in place unless otherwise noted on plans or directed by the Engineer.
4. Locations of all new traffic signal equipment shall be staked out in the field by the Contractor for approval by the Engineer prior to construction and installation.
5. All splicing shall be done in the pullboxes.
6. Furnishing and installing controller barriers, risers on poles and conduit stubouts (pullboxes to edge of pavement) will not be paid for separately but shall be considered incidental to the various contract items
7. The Contractor shall clean and/or repair the existing traffic signal pullboxes to be used prior to installing conduits and cables. This work will not be paid for separately but shall be considered incidental to the various contract items.
8. The Contractor shall notify the Traffic Signal Branch, Department of Transportation Services, City & County of Honolulu, 2 weeks prior to commencing any work on the traffic signal system.
9. Department of Transporation Services, City & County of Honolulu, will assist the Engineer in construction inspection for the traffic signal system.
10. A solid #8 bare copper wire shall be pulled with the traffic signal control cable for equipment ground. Cost shall be incidental to the installation of the control cable.
11. Locations of existing underground structures and utilities such as pipe lines, conduits, cables, etc., shown on plans are approximate only. It is not the intent of these plans to show the exact location of all underground utilities and structures. It is the responsibility of the Contractor to verify the locations of all existing utilities with the respective owners. Existing utilities damaged by the Contractor shall be repaired by the Contractor at his own cost.
12. All traffic signal work shall conform to the requirements of the "MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS," Federal Highway Adminstration (1984) and amendments.

CONSTRUCTION NOTES

1. This Project consists of installing a new traffic signal system with appurtenances, signing, striping and incidental work.
2. The Contractor's attention is directed to Section 107 - Legal Relations and Responsibility to Public and Section 645 - Traffic Control for traffic control requirements.
3. At the end of each day's work, the Contractor shall remove all equipment and other obstructions to permit free and safe passage of public traffic.
4. Other Construction and/or maintenance contract projects may be in operation adjacent to or within the limits of the contract. Coordination and scheduling of work will be determine by the Engineer.
5. Construction signs installed and/or posted by others shall be relocated and reinstalled as determined by the Engineer. Payment for this work shall be made under Item No. 645.0200 - Police Officers and/or Additional Traffic Control Devices.

LEGEND

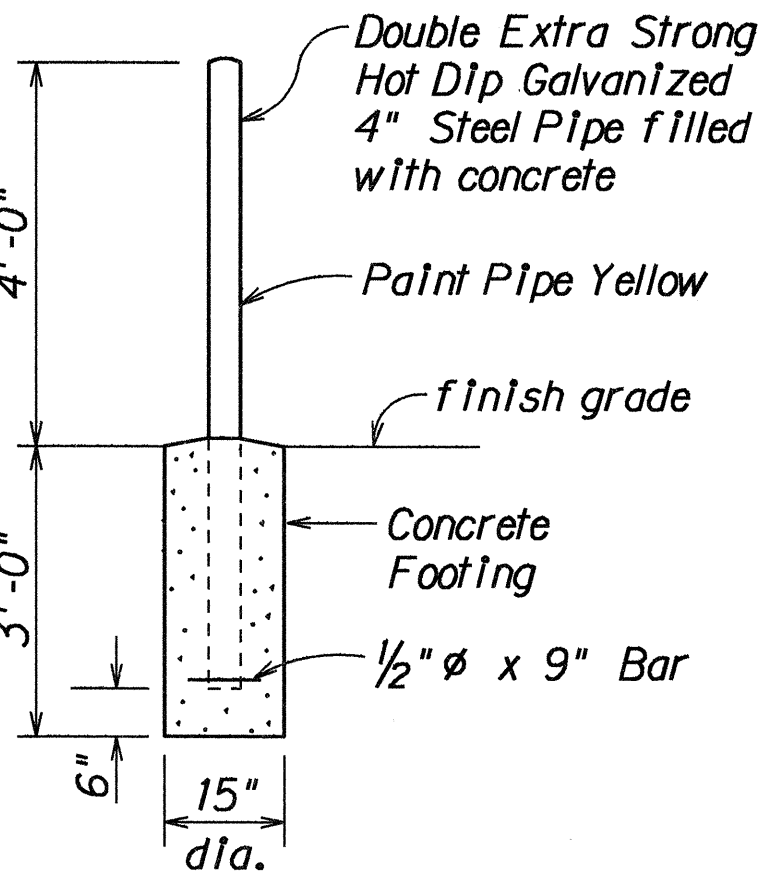
- [C] New Traffic Signal Controller
- [X] New Type A Pullbox
- [] New Type B Pullbox
- [] Existing Pullbox
- New Type I Traffic Signal Standard
- 20' 12' New Type II Traffic Signal Standard with 20' Mast Arm and Distance between Signal Head is 12'
- New 12" RY↑ Traffic Signal Head
- New 12" RY← Traffic Signal Head
- lp exist. light pole
- PP exist. power pole
- WV exist. water valve
- whm exist. water manhole
- sdmh exist. storm drain manhole
- fh exist. fire hydrant
- [] tpb exist. telephone pullbox
- w12— existing utility lines & sizes as indicated
- w water
- t telephone
- d storm drain
- eo electrical
- scc signal corps cable
- fo fuel oil line



SERVICE POLE DETAIL
Not to Scale

NOTE:

Cost of concrete filled galvanized posts shall be incidental to controller assembly.



PIPE GUARD DETAIL
Not to Scale

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

**TRAFFIC SIGNAL
LEGEND, DETAILS & NOTES**

SAND ISLAND ACCESS ROAD
Traffic Signals Vicinity of Welch Station
PROJECT NO. 64A-01-92

Scale: As shown Date: Oct., 1992

SHEET No. 1 OF 1 SHEETS