

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	HES-STP-3500(4)	1994	22	26

TRAFFIC SIGNAL NOTES

- The locations of the traffic signal standands, traffic signal standards with mast-arm, pedestrian push buttons, traffic controller, pullboxes, conduits and loop detectors shall be staked out in the field by the Contractor and approval of the locations shall be obtained from the Engineer prior to construction and installation.
- All traffic signal controller equipment shall be completely wired in the cabinet and shall control the traffic signals as called for in the plans.
- The Contrator shall install each meter socket and 50 Amp. breaker on existing service pole as shown on the plans in accordance with MECO 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. See detail this sheet.
- All splicing shall be done in the pullboxes.
- 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
- 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.
- All existing Pull Boxes, Traffic Signal Poles and Controller Bases not incorporated into the new Traffic Signal System shall be removed to 6 inches below grade and shall be restored to match existing conditions. This work will not be paid for separately but shall be considered incidental to the various contract items.
- Existing Loop Detectors and conduits not incorporated into the new Traffic Signal System shall be abandoned in place. Abandoned conduits shall be plugged with concrete. Remove unused existing cables.
- Existing Traffic Signal Poles, Mast Arms, Heads and Controllers which are removed and not incorporated into the new Traffic Signal System shall be delivered to the Highways Maui Baseyard or as directed by the Engineer.
- 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.
- 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.

TRAFFIC SIGNAL LEGEND

- C

New Traffic Signal Controller
- C

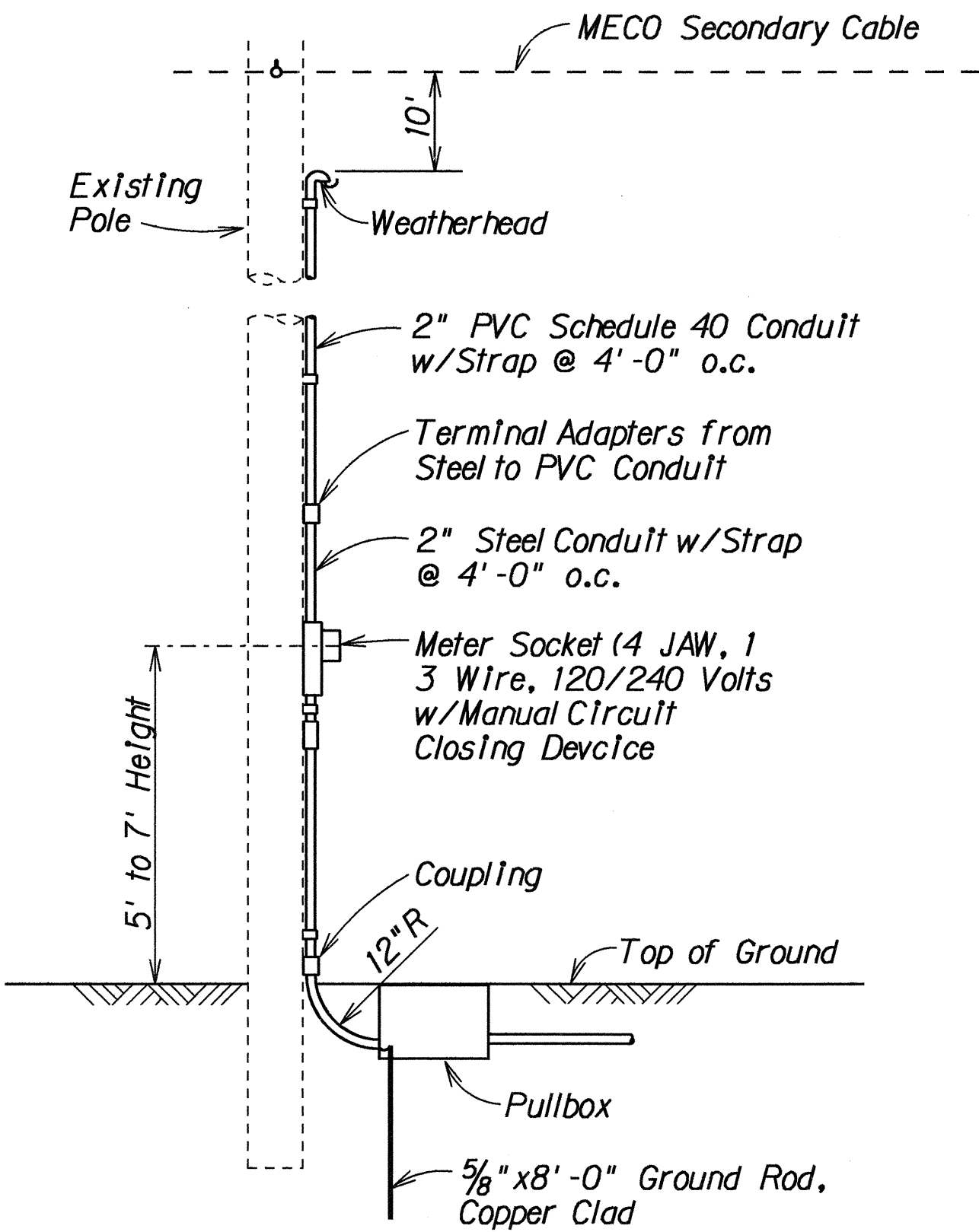
Existing Traffic Signal Controller
- △

New Traffic Signal Conduits and Cables
- △

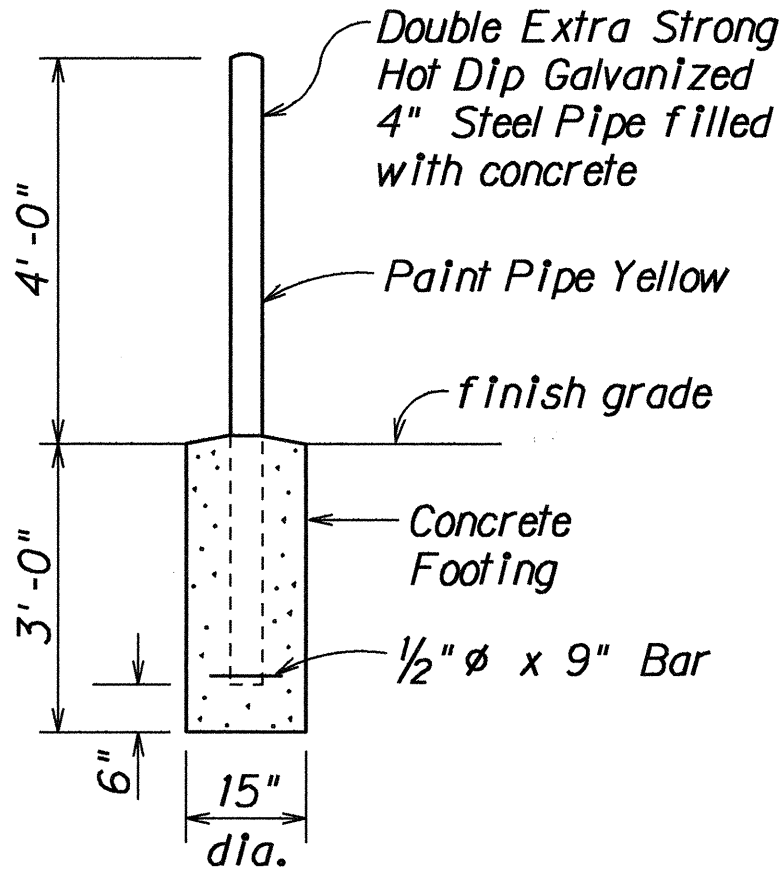
Existing Traffic Signal Conduits and Cables
- New 12" RYG Traffic Signal Head
- Existing 12" RYG Traffic Signal Head
- New 12" RYG Traffic Signal Head
- New Type II Traffic Signal Standard w/Mast Arm and Traffic Signal Heads
- Existing Type II Traffic Signal Standard w/Mast Arm and Traffic Signal Heads
- New Pedestrain Signal Head
- Existing Pedestrain Signal Head
- ⊗

New Type A Pullbox
- ⊗

Existing Type A Pullbox
- New Type B Pullbox (Traffic Signal)
- Existing Type B Pullbox
- New Loop Detector
- Existing Loop Detector



SERVICE POLE DETAIL  
Not to Scale



PIPE GUARD DETAIL  
Not to Scale

NOTE:

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

ORIGINAL PLAN	SURVEY PLOTTED BY	DATE
DRAWN BY		
DESIGNED BY		
CHECKED BY		
NOTED BY		
DATE		

STATE OF HAWAII

DEPARTMENT OF TRANSPORTATION

HIGHWAYS DIVISION

TRAFFIC SIGNAL

LEGEND, DETAILS & NOTES

PUUNENE AVENUE

INTERSECTION IMPROVEMENTS

at Kamehameha Ave.

F.A. PROJ. NO. HES-STP-3500(4)

Scale: As Noted

Date: July, 1993

SHEET No. T3 OF 7 SHEETS