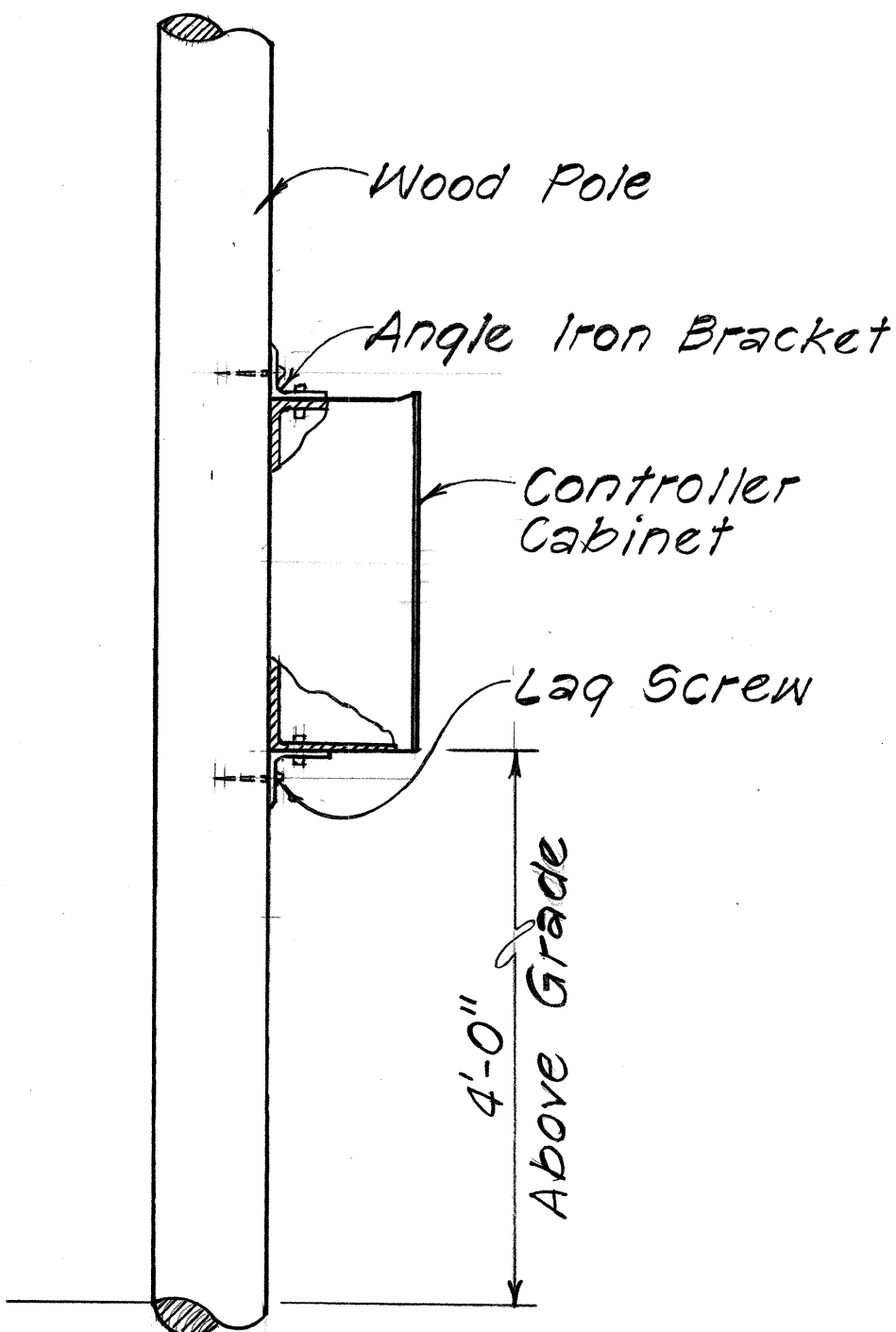


NOTES:

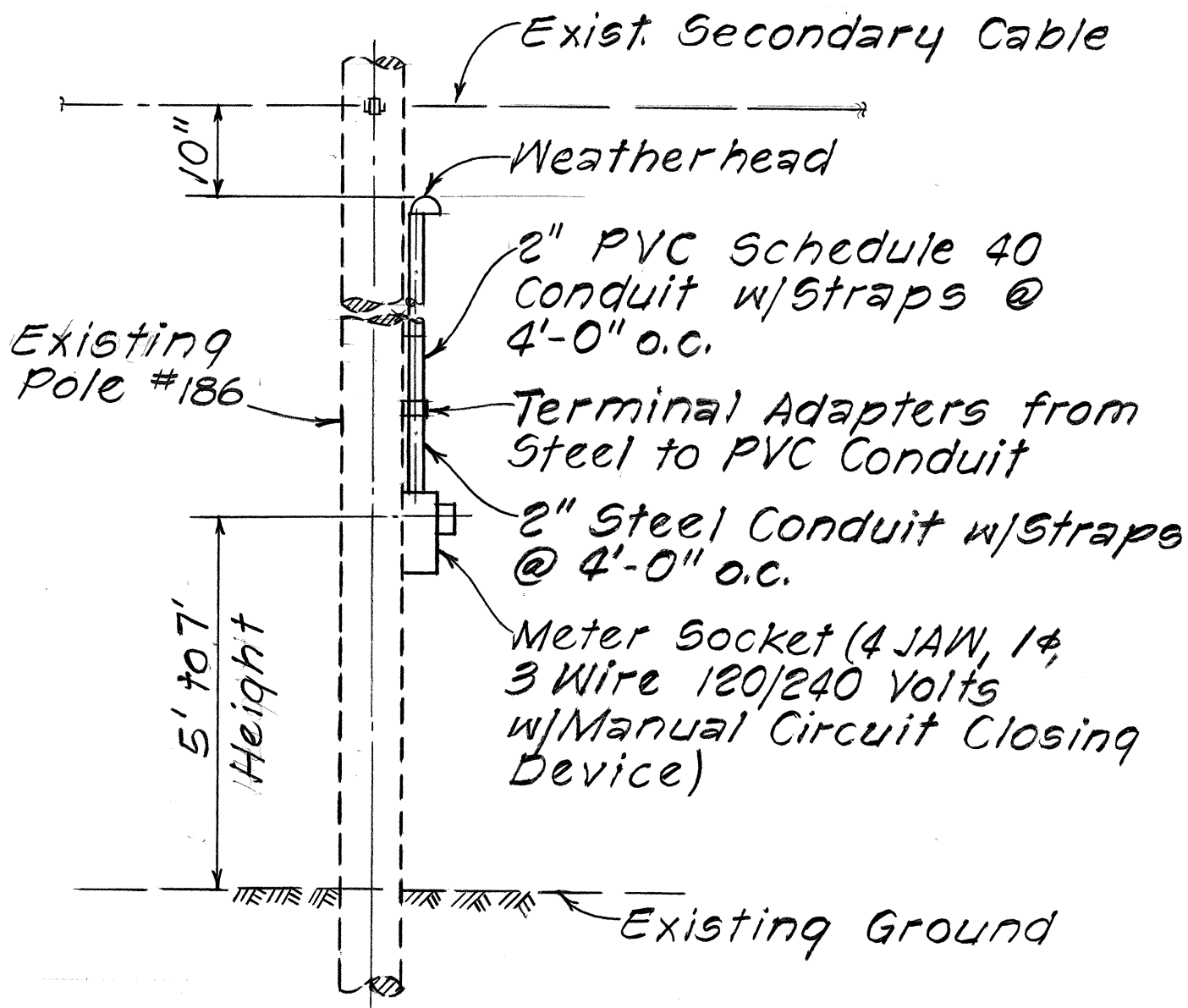
1. Improvements consist of installing traffic signals for school crossing which includes new wood poles, a new span wire, conduits and cables, controller, and loop detectors.
2. Locations of existing underground structures and utilities as shown on the plans are approximate only. The Contractor shall assume that existing utilities do exist, although not shown. The Contractor shall verify the locations of existing utilities with the respective owners prior to start of construction.
3. Existing structures & utilities damaged by the Contractor shall be repaired by the Contractor at his expense.
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 new traffic signal controller equipment shall be completely wired in the controller cabinet and shall control the traffic signals as called for in the plans.
6. The Contractor shall notify the Department of Transportation Services, City & County of Honolulu, at least three(3) working days prior to start of construction. They will assist the Engineer in construction inspection for the traffic signal system.
7. Construction and restoration of all existing highway facilities within State right-of-way shall be done in accordance with all applicable sections of the Standard Specifications for Road and Bridge Construction, dated 1985.
8. All lanes shall be opened to traffic during the morning peak hours from 6:00 a.m. to 8:30 a.m., afternoon peak hours from 3:30 p.m. to 6:30 p.m., and during all non-working hours. Only one lane of Kalaniana'ole Highway shall be closed at any other time.
9. The Contractor shall provide, install, and maintain all necessary signs, lights, flares, barricades, markers, cones, and other protective facilities and shall take all necessary precautions for the protection and for the convenience and safety of public traffic. All such protective facilities and precautions to be taken shall conform with the "Rules and Regulations Governing the Use of Traffic Control Devices at Work Sites on or adjacent to Public Streets and Highways" adopted by the Highway Safety Coordinator, and the U.S. Federal Highway Administration's "Manual on Uniform Traffic Control Devices for Streets and Highways, Part VI Traffic Controls for Highway Construction and Maintenance Operations", dated 1978. Costs shall be considered incidental to the various contract items.
10. No material and/or equipment shall be stockpiled or otherwise stored within the highway right-of-way except at locations designated in writing and approved by the Engineer.
11. The State will furnish the pedestrian signal assemblies, pedestrian push button assemblies, traffic signal assemblies and traffic controller. The Contractor shall pick up all State furnished equipment and supplies from the City & County Maintenance Yard at 160 Koula St.

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	72C-02-87M	1987	3	4



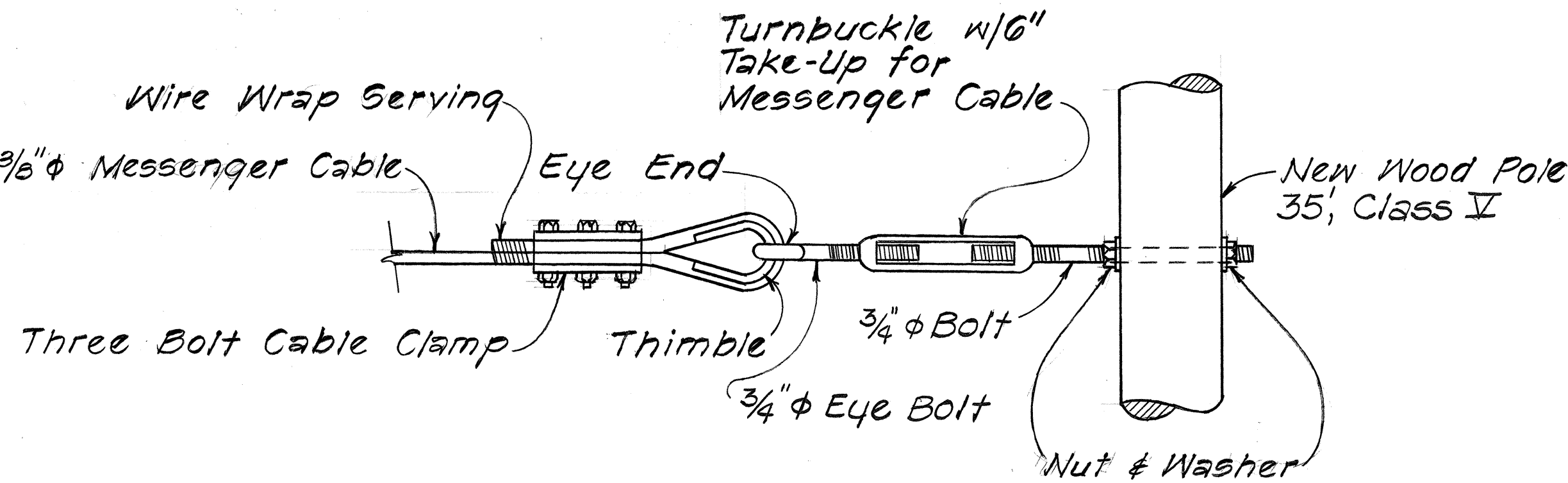
TRAFFIC CONTROLLER MOUNT
ON WOOD POLE

Scale: Not to Scale



SERVICE POLE DETAIL

Scale: Not to Scale



DETAIL I

Scale: Not to Scale

STATE OF HAWAII DEPARTMENT OF TRANSPORTATION HIGHWAYS DIVISION
NOTES & MISCELLANEOUS DETAILS
KALANIANA'OLE HIGHWAY TRAFFIC SIGNALS FOR SCHOOL CROSSING VICINITY OF PAIKO DR. Proj. No. 72C-02-87M
Scale: As Noted Date: Dec., 1986
SHEET NO. 1 OF 1 SHEETS