

CABLE AND CONDUIT SCHEDULE					
Legend	Cable	Conduit	Legend	Cable	Conduit
1	1-26C #14	2" C	5	1-26C #14	2" C
2	3-2C #14	2" C	6	4-2C #14	2" C
3	1-26C #14	2" C	7	1-2C #14	2" C
4	4-2C #14	2" C	8	1-26C #14	2" C
5	1-26C #14	2" C	9	2-26C #14	2" C
6	4-2C #14	2" C	10	4-2C #14	2" C
7	1-26C #14	2" C	11	3-2C #14	2" C
8	4-2C #14	2" C	12	1-3C #6	2" C

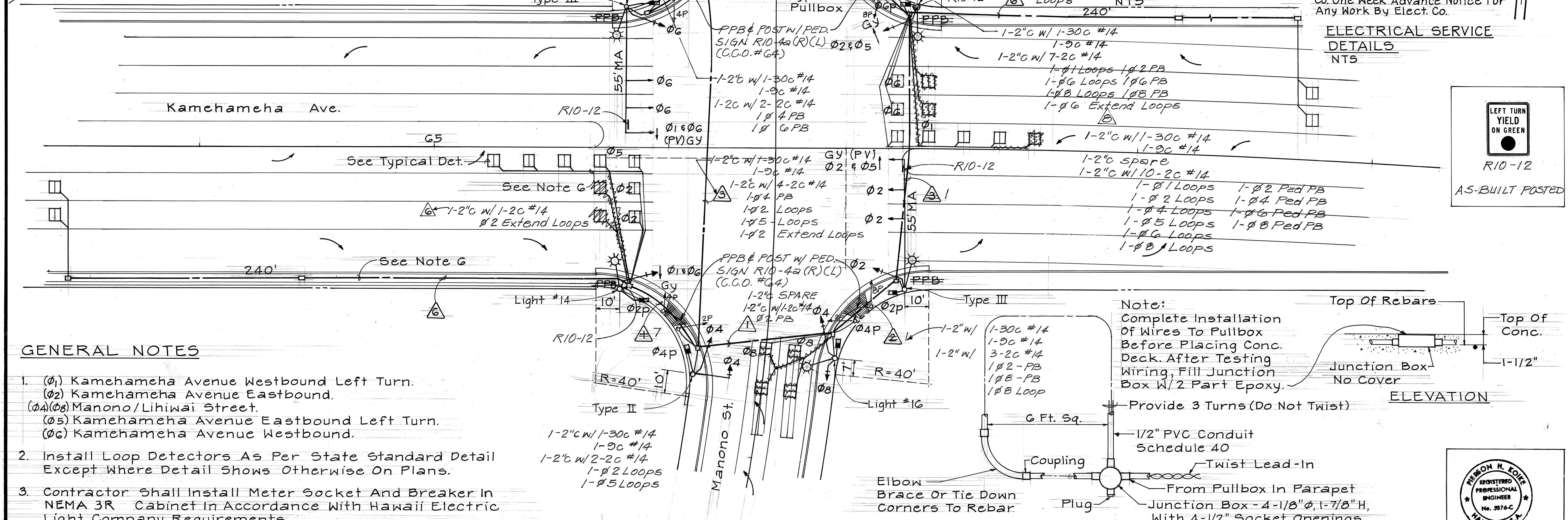
Note: Each Conduit Should Be Provided With Pull Wire

LEGEND

Type II Traffic Std. And Foundation With One Way Traffic Signal Head And Mast Arm.

Type B Pullbox Unless Designated Otherwise.*
Traffic Signal Controller And Foundation (8-Phase Actuated)*
4-Section Signal Head

For Footing Detail, See T1 529
* See State Std. Detail



GENERAL NOTES

- (01) Kamehameha Avenue Westbound Left Turn.
(02) Kamehameha Avenue Eastbound.
(04)(08) Manono/Lihiwai Street.
(05) Kamehameha Avenue Eastbound Left Turn.
(06) Kamehameha Avenue Westbound.
- Install Loop Detectors As Per State Standard Detail Except Where Detail Shows Otherwise On Plans.
- Contractor Shall Install Meter Socket And Breaker In NEMA 3R Cabinet In Accordance With Hawaii Electric Light Company Requirements.
- A 8-Phase Controller Shall Be Furnished, Complete And Ready For Operation. A Coordinating Unit Is Not Required For This Project. However, Cabinet Shall Be Wired To Accept A Future Coordination Unit.
- All New Conduits Under Roadways Shall Be PVC Schedule 80 Unless Otherwise Noted. The Contractor Shall Have The Option Of Using PVC Schedule 40 For New Conduits Not Under Roadways.
- Provide Flexibility Allowance For Conduit Run On Bridge Deck Across Expansion Joints. Submit Detail Drawing For Approval.
- For Utility Conflicts, See Utility Plans.

- Contractor To Notify The County Of Hawaii To Coordinate Closure Of Manono/Lihiwai Streets. The County Shall Then Remove Traffic Signal Equipment Desired For Salvage. The Contractor Shall Be Responsible For The Demolition And Removal Of All Remaining Portion Of The Traffic Signal System.
- For Mounting of Traffic Signal onto Highway Lighting Standard, See Standard Plans.

Notes:
1) 2" Conductor Cable Furnished & Installed By County of Hawaii.
2) Change PV Heads to Std RY-G 1/20/88
Signal Heads provided By County of Hawaii.

TYPICAL DETAIL - VEHICLE DETECTOR LOOP CONSTRUCTION ON STRUCTURE

NTS

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FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	BR-F-019-2(27)	1987	39	134

Install Meter Socket w/Manual Closing Device
See Sht. E-3 For Detail

Notes:
1. Electrical Co. Shall Furnish & Install Cable Between Secondary & Meter Socket.
2. Contractor Shall Provide Elect. Co. One Week Advance Notice For Any Work By Elect. Co.

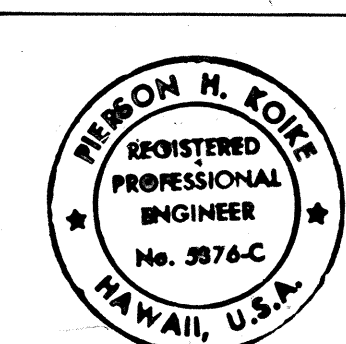
ELECTRICAL SERVICE DETAILS

NTS



R10-12

AS-BUILT POSTED



THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

TRAFFIC SIGNAL PLAN

HAWAII BELT ROAD/KAMEHAMEHA AVENUE
Wailoa Bridge Replacement And Approaches
FEDERAL AID PROJECT NO. BR-F-019-2(27)
SCALE: AS NOTED DATE: SEPT. 1986
SHEET NO. 39 OF 16 SHEETS

ADD. 39

