

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	HWY-0-03-10M	2011	7	59

CONSTRUCTION NOTES:

- 1 Provide 3#2 XHHW ϕ #2 Gnd Conductors in One of the Exist 2" Conduits.
- 2 Splice New Conductors to Existing
- 3 Remove Debris ϕ Provide Pullbox Cover
- 4 Remove Broken St Lt Transformer Base
- 5 Provide New St. Light Pole w/ Transformer Base, See Details on Sht E-24
- 6 Remove Dirt/Grass Covering Existing Pullbox. Provide New Pullbox Cover
- 7 Remove Abandoned Wires. See Note 1 on this Sheet.
- 8 Remove Identification Tag ϕ Provide New, See Details on Sht E-24
- 9 Replace Existing Concrete Foundation with New, See Details on Sht E-24
- 10 Provide 1-2" PVC Sched 80. Penetrate Existing Pullbox
- 11 Replace Existing Junction Box with New Nema 4X Junction Box, 12" x 16" x 6", See Det on sht E-31
- 12 Replace Existing 2-2" PVC Coated GRS Conduits with New. Provide New Conductors in One of 2" Conduits
- 13 Provide 2#8 ϕ #8 Gnd ϕ In-Line Fuse Holder. See Wiring Diag.
- 14 Provide Lt Pole Transformer Base Cover.
- 15 Remove Existing 2-2" Conduits ϕ Mounting Brackets. Provide 1-2" PVC Coated Galv Rigid Steel Conduit w/ 3#2 XHHW ϕ #2 Gnd Conductors and Mounting Bracket, See Detail on Sht E-32
- 16 Remove Existing 3-2" Conduits ϕ Mounting Brackets. Provide 1-2" PVC Coated Galv Rigid Steel Conduit w/ 3#2 XHHW ϕ #2 Gnd Conductors and Mounting Bracket, See Detail on Sht E-32
- 17 Replace Existing 1-4" PVC Coated Galvanized Rigid Steel Conduit with New, See Detail on Sht E-32
- 18 Replace Existing 1-2" PVC Coated Galv Rigid Steel Conduit ϕ Mounting Brackets with New. Provide 3#2 XHHW ϕ #2 Gnd Conductors, See Detail on Sht E-32
- 19 Replace Existing Junction Box with New Nema 4X Junction Box, 18" x 24" x 10", See Detail on Sht E-31
- 20 Provide New St Lt Pole w/ Transformer Base on Exist Concrete Guard Rail Mounted Concrete Base, See Detail on Sht E-31
- 21 Exist Conductors to Remain
- 22 Exist Ckt #2 Conductors to Remain
- 23 Replace Existing 250W HPS Lamp

ABBREVIATION

- | | |
|--------|--|
| st | street |
| lt | light |
| conc | concrete |
| jb | junction box |
| mtd | mounted |
| gnd | ground |
| exist | existing |
| det | detail |
| W | watt |
| pvc | polyvinyl chloride |
| sched | schedule |
| nema | nation electrical manufactures association |
| galv | galvanized |
| ϕ | and |
| I.D. | identification |
| sl | street light |
| hwy | highway |
| ckt | circuit |
| lp | light pole |
| ltg | lighting |
| elec | electrical |
| struc | structural |

ELECTRICAL SYMBOLS

- | | | |
|----------|-------|---|
| Existing | New | |
| | | Highway Lighting Standard 250W High Pressure Sodium Laminaire on Concrete Base. See Det |
| SL | | Street Light Pullbox |
| | | Underground Lighting Conduit, 2 Inch PVC |
| | | Junction Box |
| | | Indicates Construction Note No. 1 |
| | | Indicates Light Pole Identification Tag. See Det |
| | 2-2"L | Denotes 2-2" St. Lt. Conduits |
| | | Conduit(s) Mounted on Concrete Guard Rail or Retaining Wall |
| | | Underground Communication Conduit |
| | | Communication Conduit Mounted on Concrete Guard Rail or Retaining Wall |
| | | Denotes Conduit Mounting Detail "A", See Sht E-31 |
| | | Denotes Note #1 for BMP Items |

NOTES FOR BMP ITEMS:

- 1 Grate drain inlet protection, see detail
- 2 Bridge drain inlet protection, see detail
- 3 Silt fence, see detail

Notes:

1. In the event that the existing conductors cannot be removed due to damage underground lighting conduit, the contractor shall determine the exact location of the damaged conduit. The determination of the location is incidental and the repair will be paid under force account.

SURVEY PLOTTED BY	DATE
DRAWN BY	
DESIGNED BY	
QUANTITIES BY	
CHECKED BY	
ORIGINAL PLAN	
NOTE BOOK	
N.	

	STATE OF HAWAII DEPARTMENT OF TRANSPORTATION HIGHWAYS DIVISION ELECTRICAL SYMBOLS ϕ CONSTRUCTION NOTES Interstate Route H-2 Freeway Lighting System Reconductoring Waiaua Interchange to Leilehua Interchange Project No. HWY-0-03-10M Date: Aug. 2010
	MK ENGINEERS, LTD. LICENSE EXPIRATION DATE: 4/30/12 THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION.