

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	HWY-0-03-05MR	2008	2	38

ELECTRICAL SYMBOLS

SYMBOL	DESCRIPTION
	Existing Highway Light Standard to Remain
	New 150 Watt High Pressure Sodium Low Highway Level Light Fixture, Surface Mounted on Top of Existing Concrete Barrier, With Circuit Designation, "Connected to Circuit Phases A-B" Indicated
	Existing Low Level Light Fixture, Mounted on Top of Existing Concrete Barrier, to be Removed
	Existing Concrete Pullbox to Remain and be Reused
	Existing Concrete Pullbox to be Abandoned in Place
	New NEMA 4XSS Junction Box, Surface Mounted on Side of Existing Concrete Barrier
	Existing Underground Conduit and Conductors to Remain
	Existing Underground Conduit and Conductors; Remove Conductors and Abandon Existing Conduit in Place
	Existing Underground Conduit and Conductors; Remove Conductors and Existing Conduit to be Reused
	Existing Underground Conduit to Remain and be Reused; Provide New New Highway Lighting Circuit Conductors
	New Surface Mounted Rigid Galvanized Steel Conduit, PVC Coated
	New Liquidtite Flexible Metal Conduit
	Highway Light Ductline with Duct Designations; Item in Circle Indicates Duct Section Type, With Duct Complement Noted Below (Type "A" Duct Indicated with 1-2" L Duct; L=Highway Light Duct); See Sheet E-21 for Duct Section Details
SS	Denotes "Type 316 Stainless Steel"
eHLPB	Denotes "Existing Highway Lighting Pullbox"
GRSC	Denotes "Galvanized Rigid Steel Conduit"
GRS	Denotes "Galvanized Rigid Steel"

ORIGINAL PLAN	DATE
SURVEY PLOTTED BY	
DRAWN BY	
TRACED BY	
NOTE BOOK	
QUANTITIES BY	
CHECKED BY	
No.	

LAST DATE: 04/30/08 BY: R. S. HO & ASSOCIATES, INC. PROJECT: HWY-0-03-05MR SYMBOLS: 224056A SYMBOLS

<p>RONALD N. S. HO & ASSOCIATES, INC. Electrical Engineers</p> <p style="text-align: center;"> ANDREW I. MIYASATO LICENSED PROFESSIONAL ENGINEER No. 4340-E HAWAII, U.S.A. 05.22.08 <i>Andrew I. Miyasato</i> </p> <p>THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION</p> <p>04.30.2008</p> <p>EXPIRATION DATE OF THE LICENSE</p>	<p>STATE OF HAWAII DEPARTMENT OF TRANSPORTATION HIGHWAYS DIVISION</p> <p><u>ELECTRICAL SYMBOLS</u></p> <p>H-2 RAIL LIGHT REPLACEMENT, VICINITY OF WAHIAWA OFF RAMP</p> <p>Project No. HWY-0-03-05MR Scale: AS NOTED Date: MAY 2008</p> <p>SHEET No. E-1 OF 35 SHEETS</p>
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