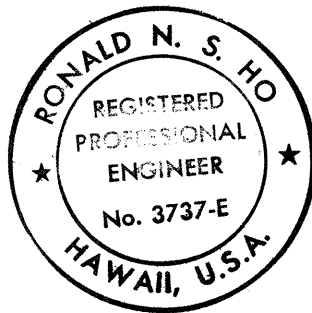


FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	61D-01-85	1988	3	29

GENERAL NOTES

1. THE NEW TUNNEL LIGHTING SYSTEM SHALL BE COMPLETE AND IN PLACE PRIOR TO COMMENCING DEMOLITION OF THE EXISTING TUNNEL LIGHTING SYSTEM.
2. NEW STREET LIGHTING SYSTEMS ON THE HONOLULU SIDE OF THE TUNNEL AND IN-BETWEEN THE TUNNELS SHALL BE COMPLETE, IN PLACE AND TESTED PRIOR TO COMMENCING DEMOLITION OF THE EXISTING STREET LIGHTING SYSTEMS.
3. PROVIDE THE 4160V FEEDER AND 25 KVA TRANSFORMER COMPLETE, IN PLACE AND PRIOR TO STARTING CONSTRUCTION OF THE STREET LIGHTING SYSTEM ON THE KAILUA SIDE OF THE TUNNEL. STREET LIGHT REPLACEMENT SHALL COMMENCE AT THE LAST STREET LIGHT OF THE EXISTING SERIES CIRCUIT AND SHALL PROCEED TO THE TUNNEL TUNNEL ENTRANCE. STREET LIGHTS CONNECTED TO THE EXISTING SERIES CIRCUIT SHALL REMAIN FUNCTIONING UNTIL REPLACED.
4. CONTRACTOR SHALL SUBMIT THE FOLLOWING FOR THE TUNNEL LIGHTING:
- A. MANUFACTURER'S DATA ON THE LIGHT FIXTURE.
 - B. PHOTOMETRIC DATA OF PROPOSED FIXTURE FROM AN INDEPENDANT TESTING LABORATORY.
 - C. DAYLIGHT ILLUMINATION CALCULATIONS FOR ENTIRE LENGTH OF ALL FOUR TUNNELS.
 - D. NIGHT ILLUMINATION CALCULATIONS FOR ENTIRE LENGTH OF ALL FOUR TUNNELS.
 - E. SHOP DRAWING OF MOUNTING DETAIL FOR THE TUNNEL LIGHT FIXTURE.
5. THE CONTRACTOR SHALL VERIFY THE LOCATION OF ALL EXISTING UTILITIES, WHETHER SHOWN ON THE PLANS OR NOT, AND SHALL BE RESPONSIBLE FOR THE REPAIR OR

ORIGINAL PLAN	SURVEY PLOTTED BY _____ DATE _____
NOTE BOOK	DRAWN BY _____
No. _____	DESIGNED BY _____
	CHECKED BY _____



THIS WORK WAS PREPARED BY ME
OR UNDER MY SUPERVISION.
Ronald N. S. Ho
12/20/87

STATE OF HAWAII DEPARTMENT OF TRANSPORTATION HIGHWAYS DIVISION	
GENERAL NOTES	
PALI HIGHWAY TUNNELS HIGHWAY LIGHTING IMPROVEMENTS PROJECT NO. 61D-01-85	
SCALE: NONE	DATE: JUL., 1987
SHEET No. 3 OF 29 SHEETS	