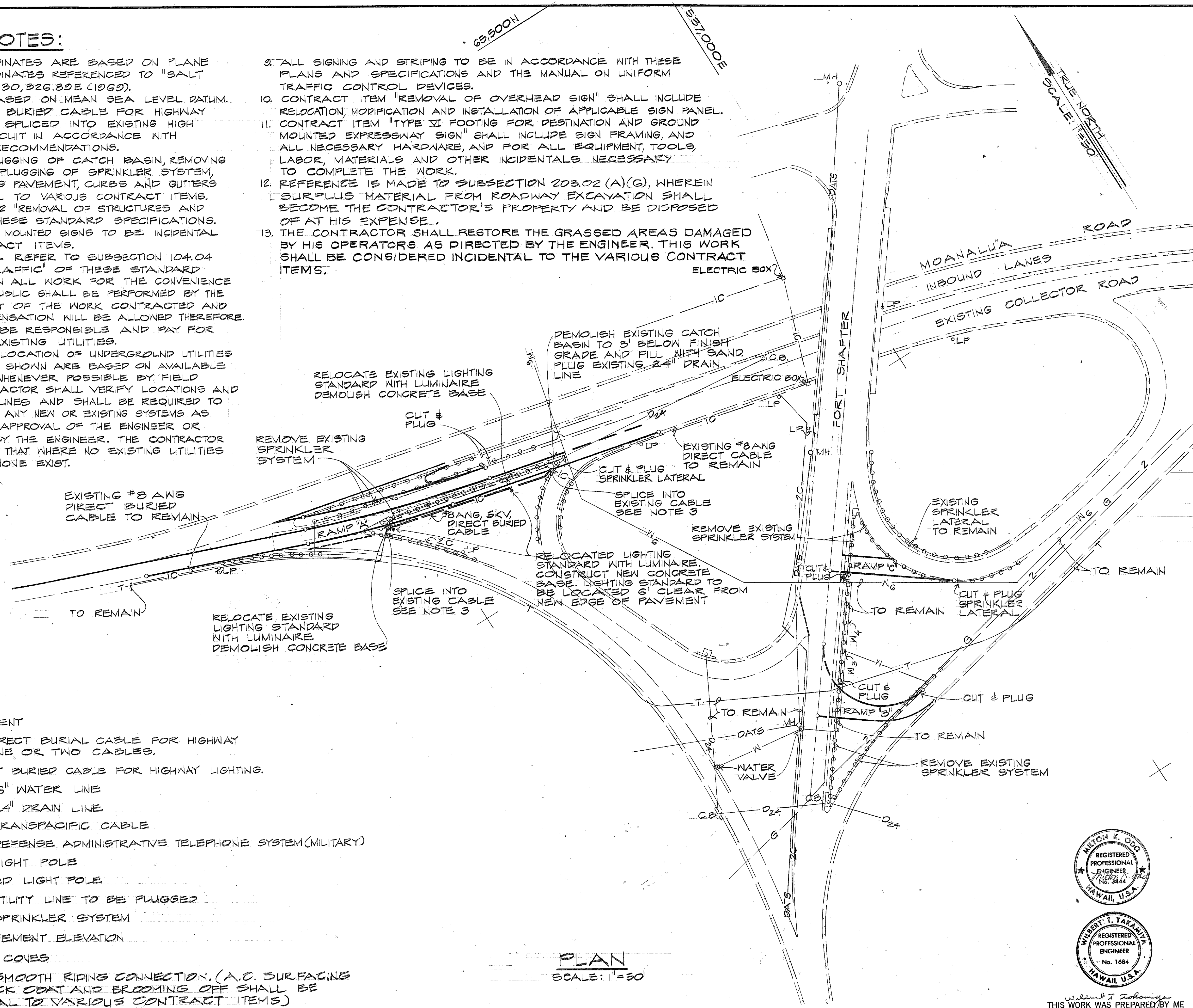


GENERAL NOTES:

1. AZIMUTHS AND COORDINATES ARE BASED ON PLANE COORDINATES. COORDINATES REFERENCED TO "SALT LAKE" 72,589.69N 330,326.89E (1969).
2. ELEVATION DATUM BASED ON MEAN SEA LEVEL DATUM.
3. #8 AWG, 5KV DIRECT BURIED CABLE FOR HIGHWAY LIGHTING SHALL BE SPLICED INTO EXISTING HIGH VOLTAGE SERIES CIRCUIT IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS.
4. DEMOLISHING AND PLUGGING OF CATCH BASIN, REMOVING AND CUTTING AND PLUGGING OF SPRINKLER SYSTEM, REMOVING OF EXISTING PAVEMENT, CURBS AND GUTTERS SHALL BE INCIDENTAL TO VARIOUS CONTRACT ITEMS. REFER TO SECTION 202 "REMOVAL OF STRUCTURES AND OBSTRUCTIONS" OF THESE STANDARD SPECIFICATIONS.
5. REMOVAL OF GROUND MOUNTED SIGNS TO BE INCIDENTAL TO VARIOUS CONTRACT ITEMS.
6. CONTRACTOR SHALL REFER TO SUBSECTION 104.04 "MAINTENANCE OF TRAFFIC" OF THESE STANDARD PROVISIONS, WHEREIN ALL WORK FOR THE CONVENIENCE AND SAFETY OF THE PUBLIC SHALL BE PERFORMED BY THE CONTRACTOR AS PART OF THE WORK CONTRACTED AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED THEREFORE.
7. CONTRACTOR SHALL BE RESPONSIBLE AND PAY FOR ALL DAMAGES TO EXISTING UTILITIES.
8. THE EXISTENCE AND LOCATION OF UNDERGROUND UTILITIES AND APPURTENANCES SHOWN ARE BASED ON AVAILABLE RECORDS VERIFIED WHENEVER POSSIBLE BY FIELD SURVEYS. THE CONTRACTOR SHALL VERIFY LOCATIONS AND INVERTS OF EXISTING LINES AND SHALL BE REQUIRED TO MAKE ADJUSTMENTS TO ANY NEW OR EXISTING SYSTEMS AS NECESSARY WITH THE APPROVAL OF THE ENGINEER OR WHENEVER DIRECTED BY THE ENGINEER. THE CONTRACTOR SHALL NOT ASSUME THAT WHERE NO EXISTING UTILITIES ARE SHOWN, THAT NONE EXIST.

9. ALL SIGNING AND STRIPING TO BE IN ACCORDANCE WITH THESE PLANS AND SPECIFICATIONS AND THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES.
10. CONTRACT ITEM "REMOVAL OF OVERHEAD SIGN" SHALL INCLUDE RELOCATION, MODIFICATION AND INSTALLATION OF APPLICABLE SIGN PANEL.
11. CONTRACT ITEM "TYPE VI FOOTING FOR DESTINATION AND GROUND MOUNTED EXPRESSWAY SIGN" SHALL INCLUDE SIGN FRAMING, AND ALL NECESSARY HARDWARE, AND FOR ALL EQUIPMENT, TOOLS, LABOR, MATERIALS AND OTHER INCIDENTALS NECESSARY TO COMPLETE THE WORK.
12. REFERENCE IS MADE TO SUBSECTION 203.02 (A)(G), WHEREIN SURPLUS MATERIAL FROM ROADWAY EXCAVATION SHALL BECOME THE CONTRACTOR'S PROPERTY AND BE DISPOSED OF AT HIS EXPENSE.
13. THE CONTRACTOR SHALL RESTORE THE GRASSED AREAS DAMAGED BY HIS OPERATORS AS DIRECTED BY THE ENGINEER. THIS WORK SHALL BE CONSIDERED INCIDENTAL TO THE VARIOUS CONTRACT ITEMS.

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	U-078-1(5)	1975	3	10



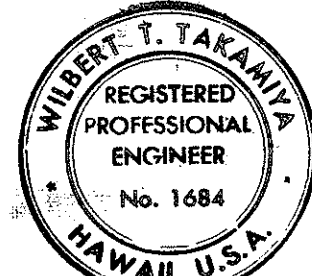
CONSTRUCTION NOTES:

1. The Contractor shall notify Gasco, Inc. a minimum of 48 hours before starting excavation to arrange for field location of all existing gas pipe lines. The telephone number is 548-2126 during business hours and 548-2123 after hours.
2. The Contractor shall go to Hawaiian Telephone Company's office (1177 Bishop Street, 13th Floor) 3 days prior to the start of construction so arrangements can be made to have their facilities located at the project site.

LEGEND:

- XXXXXX NEW PAVEMENT
- IC-2C- EXISTING DIRECT BURIAL CABLE FOR HIGHWAY LIGHTING, ONE OR TWO CABLES.
- IC- NEW DIRECT BURIED CABLE FOR HIGHWAY LIGHTING.
- W6- EXISTING 6" WATER LINE
- D24- EXISTING 24" DRAIN LINE
- T- EXISTING TRANSPACIFIC CABLE
- DATS- EXISTING DEFENSE ADMINISTRATIVE TELEPHONE SYSTEM (MILITARY)
- LP- EXISTING LIGHT POLE
- LP- RELOCATED LIGHT POLE
- U- EXISTING UTILITY LINE TO BE PLUGGED
- SS- EXISTING SPRINKLER SYSTEM
- 33.0- FINISH PAVEMENT ELEVATION
- TUBULAR CONES
- PROVIDE SMOOTH RIDING CONNECTION. (A.C. SURFACING ONLY. TACK COAT AND BROOMING OFF SHALL BE INCIDENTAL TO VARIOUS CONTRACT ITEMS)

PLAN  
SCALE: 1"=50'



THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION

STATE OF HAWAII  
DEPARTMENT OF TRANSPORTATION  
HIGHWAYS DIVISION

**UTILITY RELOCATION AND EXISTING CONDITION PLAN**

**MOANALUA ROAD (ROUTE 78)**

Safety Improvements at Ft. Shafter Inter.

FAV Proj. No. U-078-1(5)

Scale: 1"=50' Date: Mar. 1975

SHEET No. 3 OF 10 SHEETS