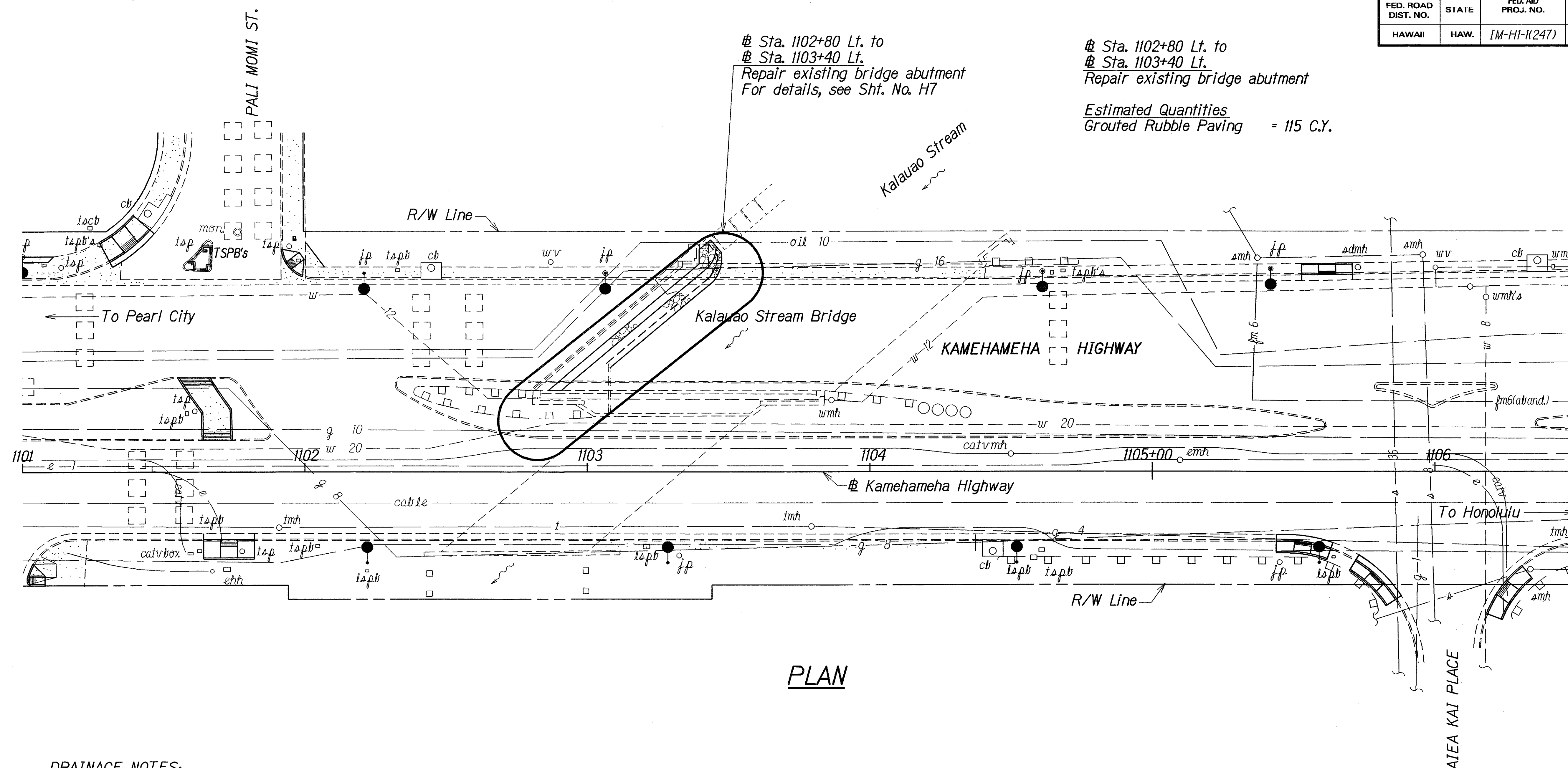


FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	IM-HI-1(247)	2005	11	13



## PLAN

### DRAINAGE NOTES:

- Existing drainage systems will be functional at all times during construction. The Contractor is to furnish materials, equipment, labor tools and incidentals necessary to accomplish maintenance of flow. The cost shall be incidental to the various Contract Items.
- The Contractor shall verify the locations of all existing culverts and utilities in the field. Any existing culverts and utilities damaged during construction shall be repaired or replaced by the Contractor at no cost to the State.
- An NPDES Permit for Activities Dewatering and a Water Quality Certification are required for the work at Kalauao Stream Bridge. The Contractor shall comply with all the requirements and conditions of both permits.

ORIGINAL PLAN	DATE	7/29/04
SURVEY PLOTTED BY		
DRAWN BY		
CHECKED BY		
NOTED BY		
DESIGNED BY		
QUANTITIES BY		
CHECKED BY		

STATE OF HAWAII  
DEPARTMENT OF TRANSPORTATION  
HIGHWAYS DIVISION

**DRAINAGE PLAN**  
INTERSTATE ROUTE H-1  
MISC. DRAINAGE IMPROVEMENTS  
Vicinity of Pearl City and Aiea  
Fed. Aid Project No. IM-HI-1(247)  
Scale: 1"=20' Date: August, 2004

SHEET No. H6 OF 8 SHEETS