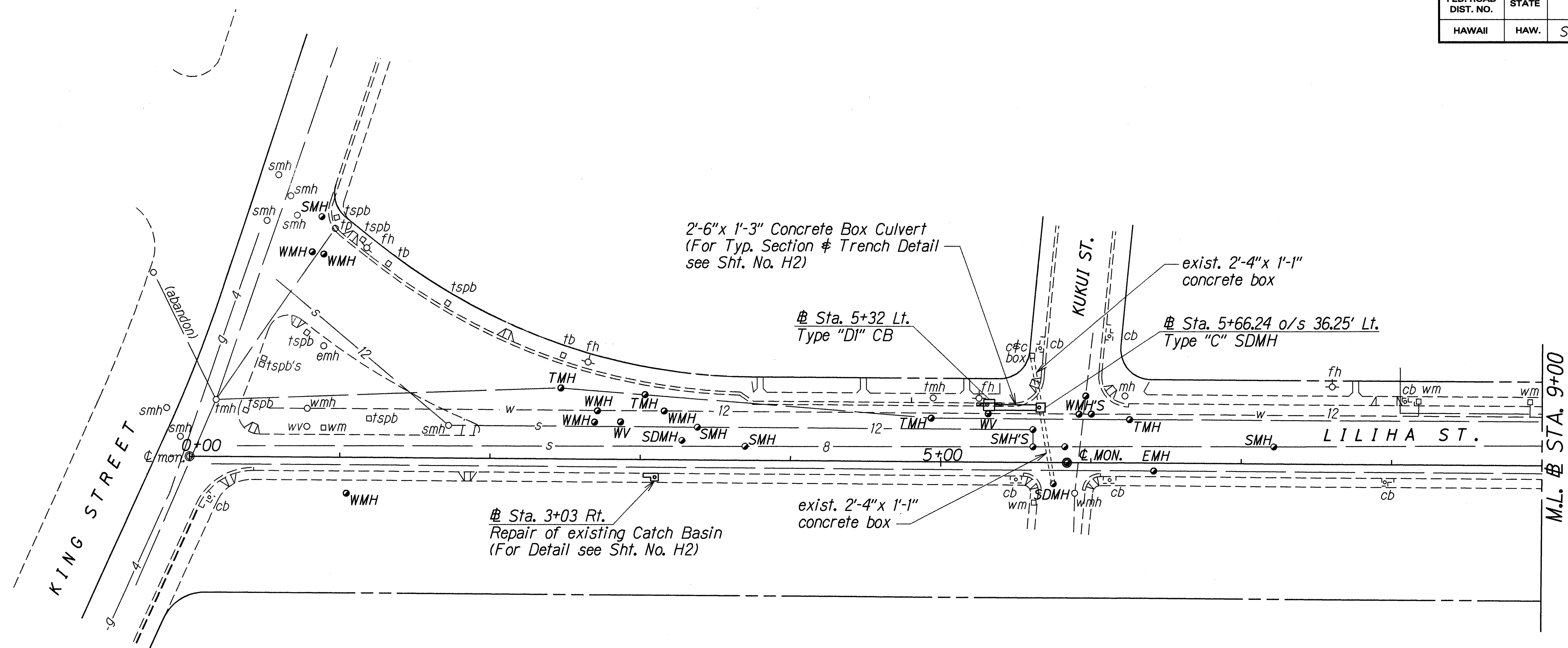


FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	STP-7413(1)	1994	C018S-1	18



GENERAL 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 his own expense.
- Concrete shall be Class A.
- Only non-pneumatic type of drill as approved by the Engineer will be permitted for drilling holes in concrete. Where indicated on plans, the approximate diameter of drilled holes for installation of dowels shall be $\frac{5}{8}$ "; voids shall be filled with epoxy grout or as directed by the Engineer. The work shall be considered incidental to the various contract items.
- Cutting existing 2'-4"x 1'-1" Concrete Box Culvert shall not be paid for separately but shall be considered incidental to the various Contract Items.
- The Contractor shall verify the inverts at Sta. 5+32 Lt. and Sta. 5+66.24 o/s 36.25' Lt.

ESTIMATED QUANTITIES

Bed Course Material	3 C.Y.
2'-6"x 1'-3" Concrete Box Culvert	27 L.F.
Type "DI" CB	1 Ea.
Type "C" SDMH	1 Ea.
Repair of Existing CB	L.S.

ORIGINAL PLAN	DATE
DESIGNED BY	4/15/94
TRACED BY	
DESIGNED BY	
QUANTITIES BY	
CHECKED BY	

4/15/94	Added Drainage Plan Sheet
DATE	REVISION

STATE OF HAWAII DEPARTMENT OF TRANSPORTATION HIGHWAYS DIVISION		
DRAINAGE PLAN		
LILIHA STREET RESURFACING		
North King Street to H-1 Overpass		
Fed. Aid Project No. STP-7413(1)		
Scale: 1" = 40'	Date: Apr. 1994	
SHEET No. 11	OF 2	SHEETS

C.O.18S-1