

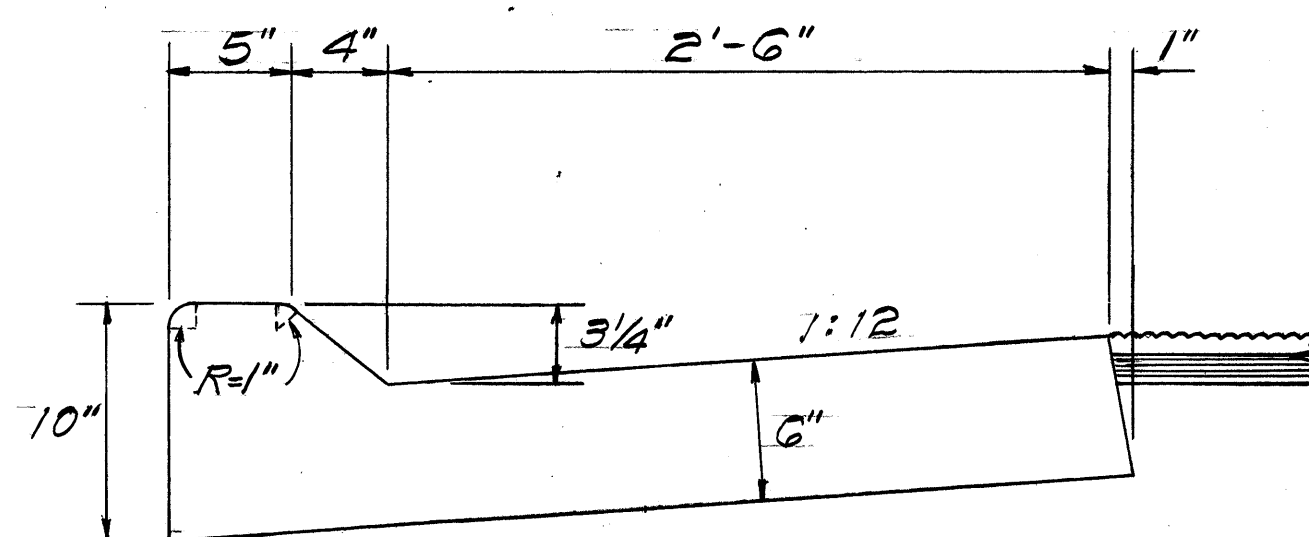
FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	6180/81M	1981	7	14

GENERAL NOTES:

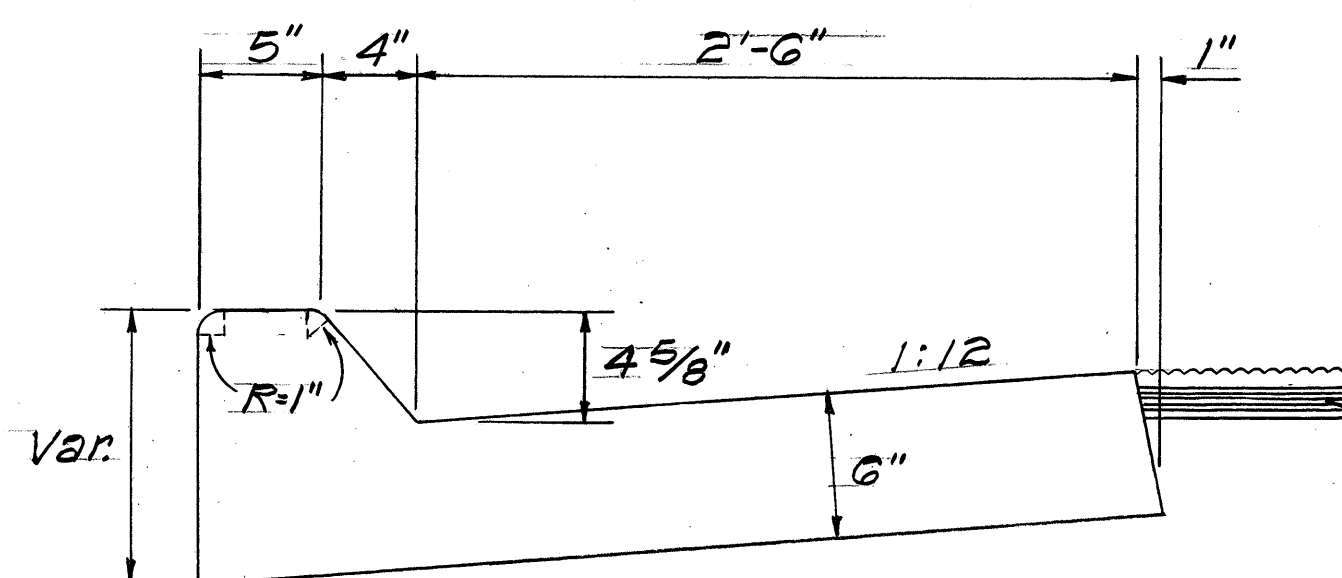
- Demolishing, removing and disposing a portion of the entire existing structure shall not be paid for separately, but shall be incidental to the various contract items in the proposal.
- Concrete shall be Type Class "A" for catch basin modification.
- Only non-pneumatic type of drill as approved by 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 1 1/2" and voids after installing dowels shall be filled with grout as directed by the Engineer. The work (drilling 1 1/2" holes and filling voids with grout) as mentioned above shall be considered incidental to the various contract items in the proposal.
- In the event of plan alterations causing increase or decrease to the quantity of specified lump sum work the following estimated quantities shall be used to determine theoretical unit price as defined in subsection 104.02(B) lump sum items:

TYPE	STATION	LUMP SUM*	206	503	602
		ITEM NO.	1001	0011	1001
			Structure Excavation Other than at Bridges	Class A Concrete	Reinforcing Steel
	UNIT USED	C.Y.	C.Y.	LBS.	
Modify Type C C.B.	18+00	3.6	4.5	520	
Modify Type C Special C.B.	23+20	3.2	5.0	530	
Modify Type C Special C.B.	27+00	3.2	5.0	530	
Modify Type C Special C.B.	31+00	3.2	5.0	530	
Modify Type C Special C.B.	35+23	3.2	5.0	530	
Modify Type C C.B.	80+75	3.6	4.5	520	
Modify Type C C.B.	85+22	3.6	4.5	520	
TOTAL		23.6	33.5	3680	

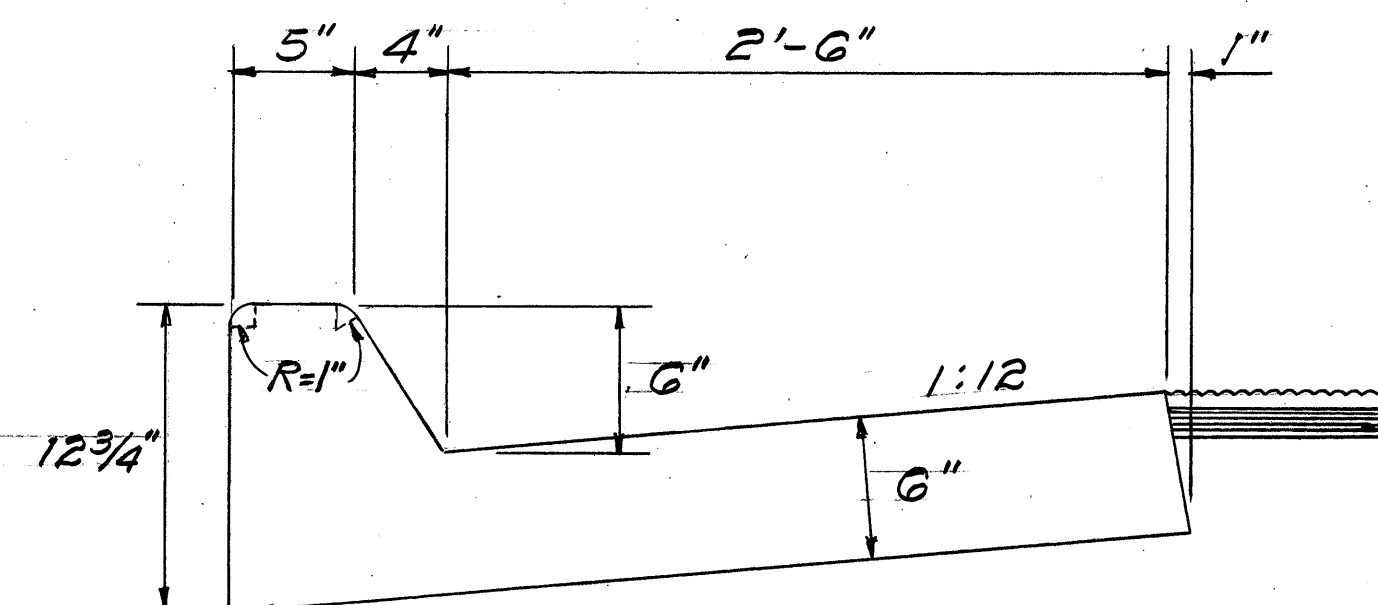
*Includes quantities for 15' Curb & Gutter Transitions.



SECTION OF
TYPE AGM CURB & GUTTER AT
END OF TRANSITION

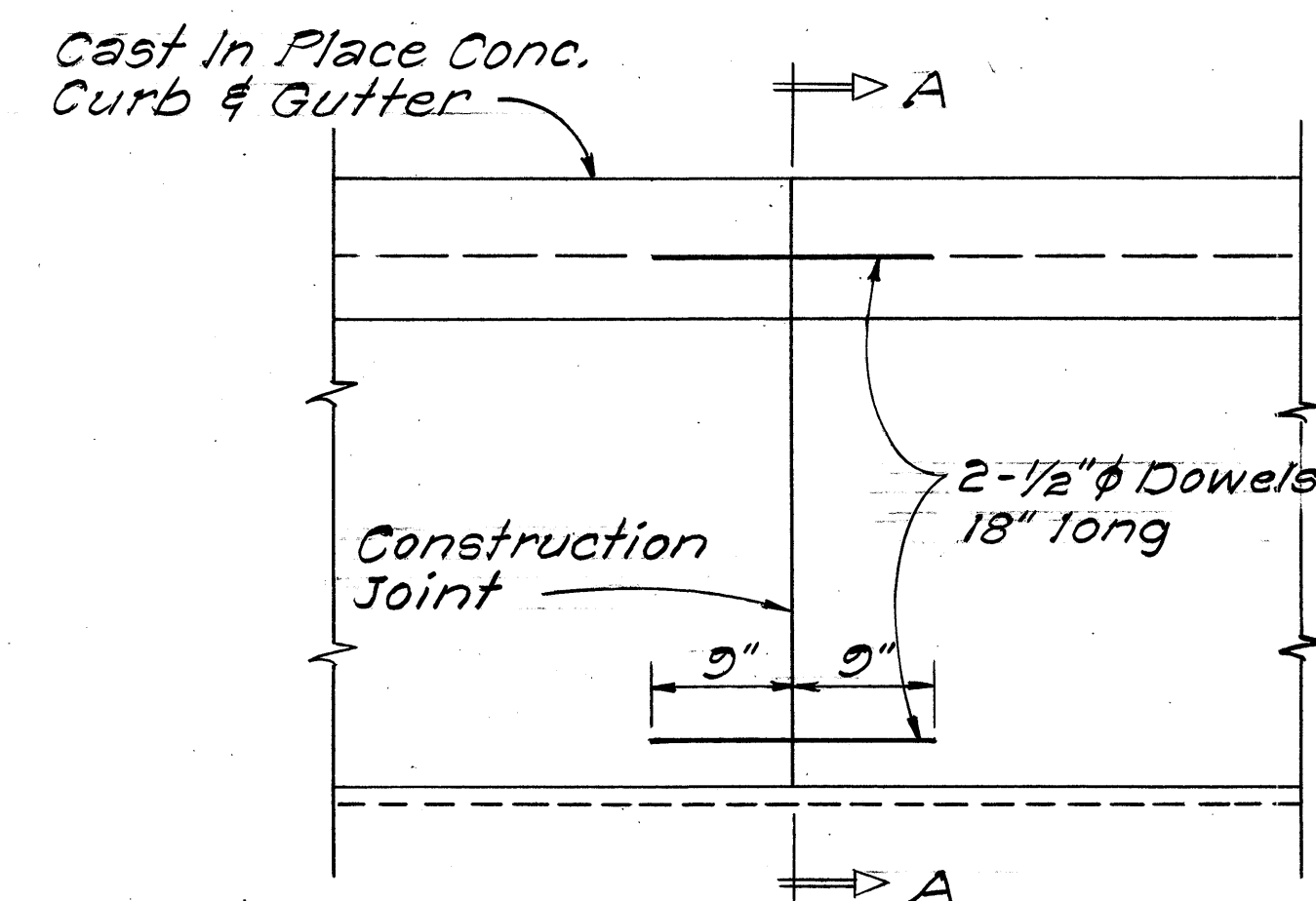


SECTION OF
TYPE AGM CURB & GUTTER AT
MIDPOINT OF TRANSITION



TYPE AGM CURB & GUTTER
(SECTION AT BEGINNING OF TRANSITION)

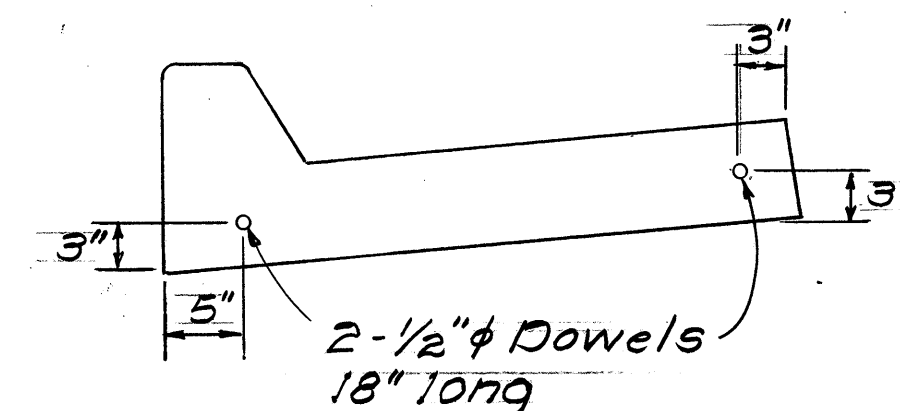
TYPE AGM CURB & GUTTER TRANSITION
Scale: 1 1/2"=1'-0"



PLAN

CONSTRUCTION JOINT DETAIL

Scale: 1"=1'-0"



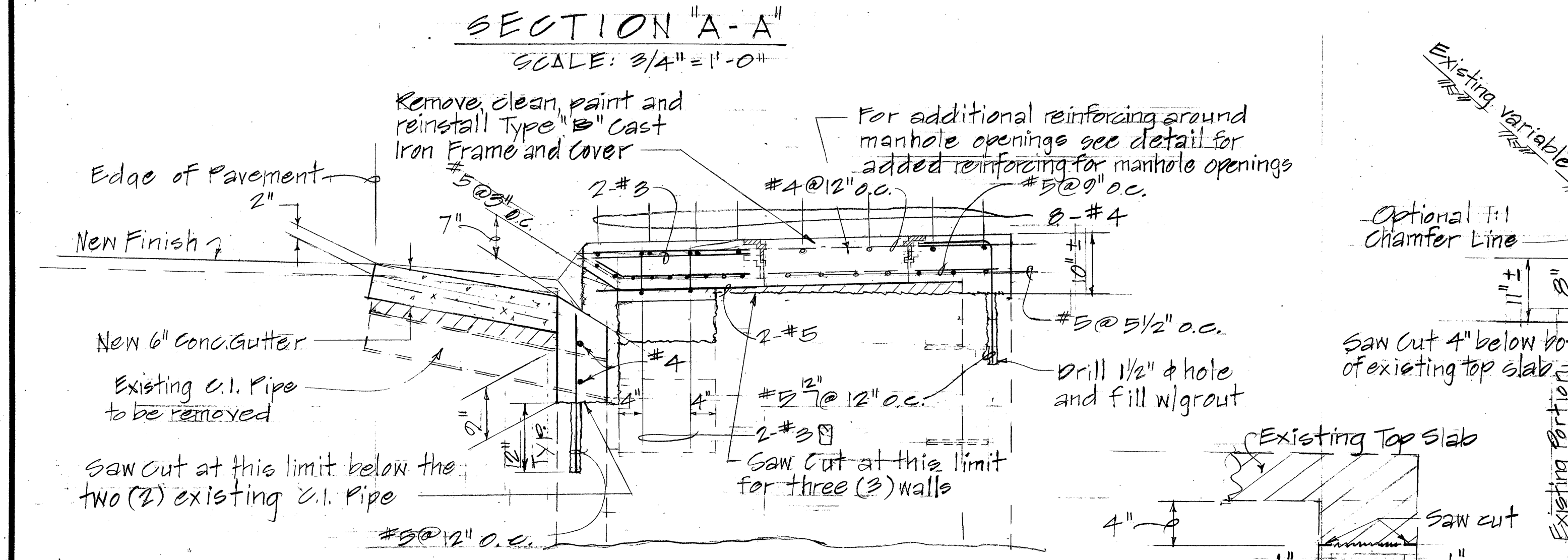
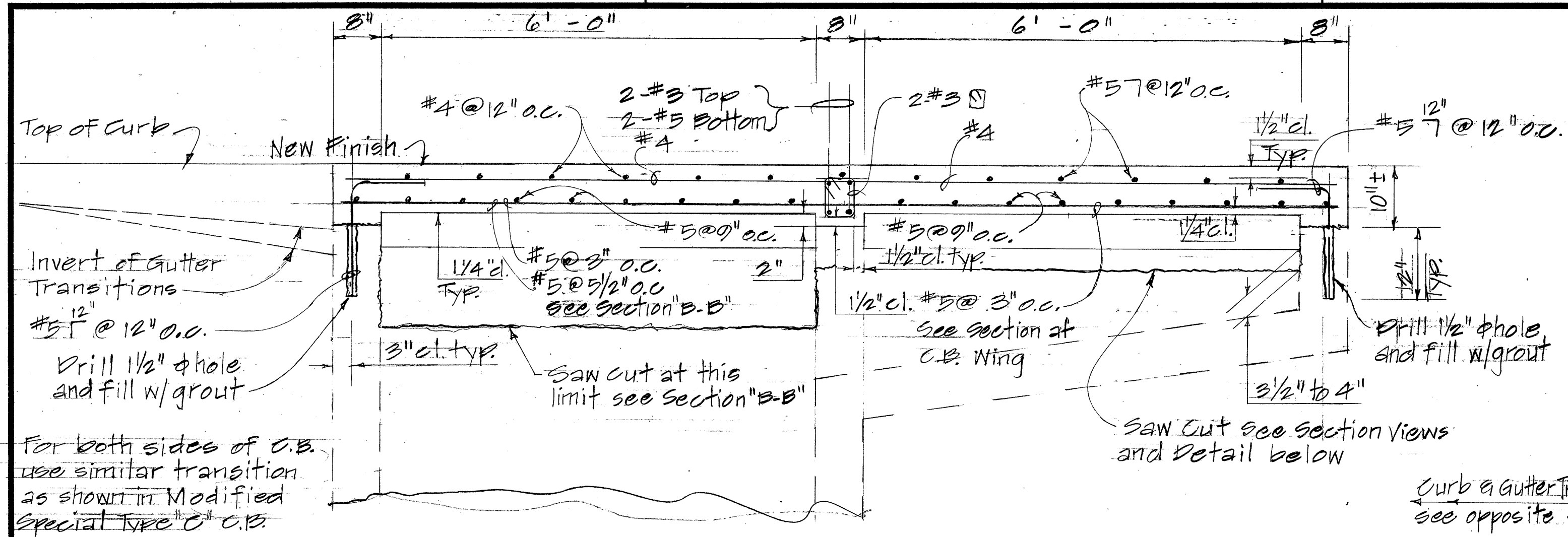
SECTION A-A

5/27/81	Revised Table & Proj. No.
DATE	REVISION

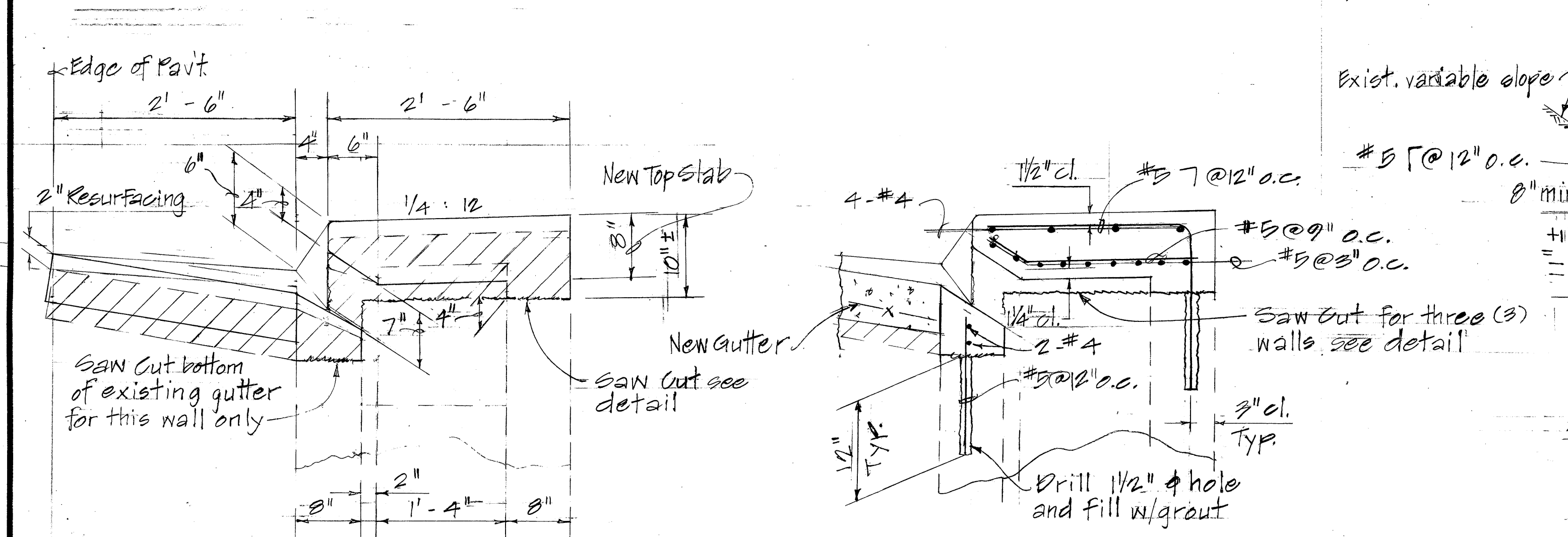
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
LAND TRANSPORTATION FACILITIES DIVISION

DRAINAGE NOTES AND DETAILS
RESURFACING PALI HIGHWAY
WAKKANAKA ST. TO RESERVOIR NO. 4
Proj. No. 6180/81M
Scale: As Shown Date: April, 1981
SHEET NO. 1 OF 2 SHEETS

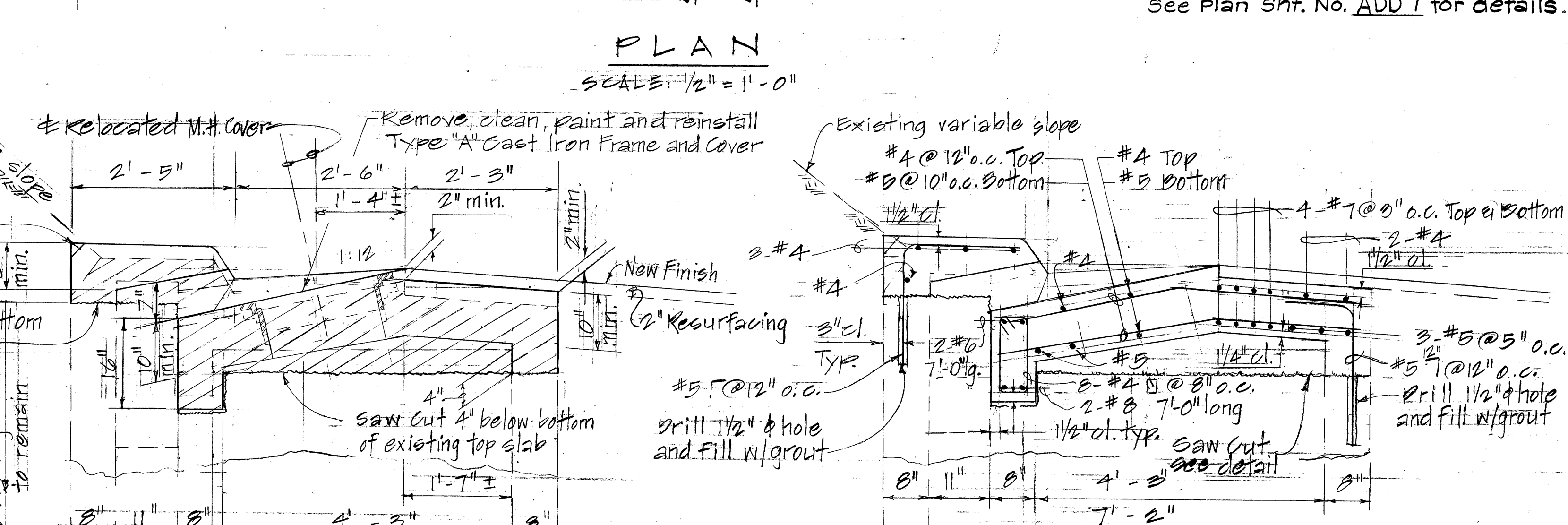
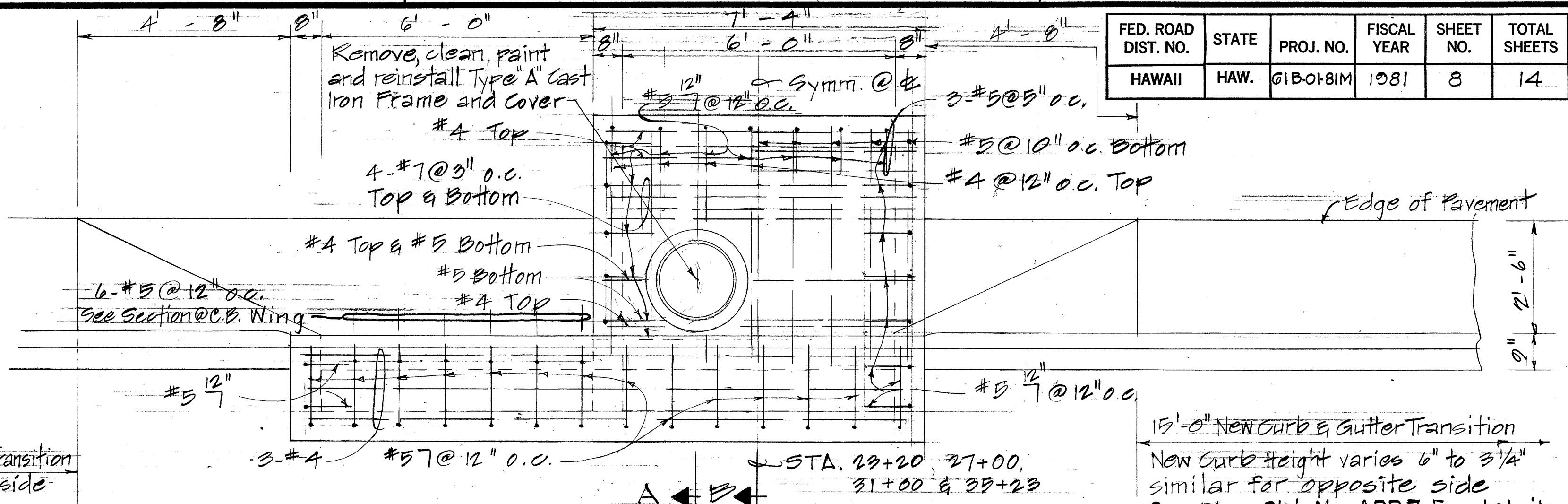
FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	61B-01-81M	1981	8	14



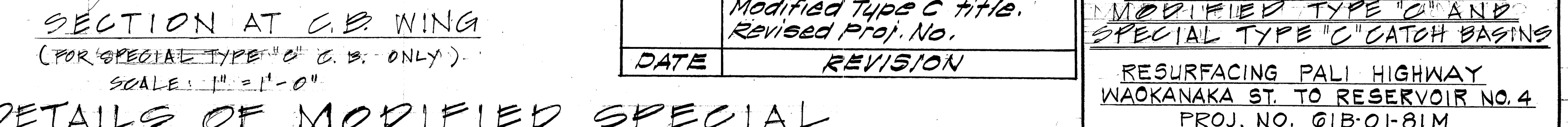
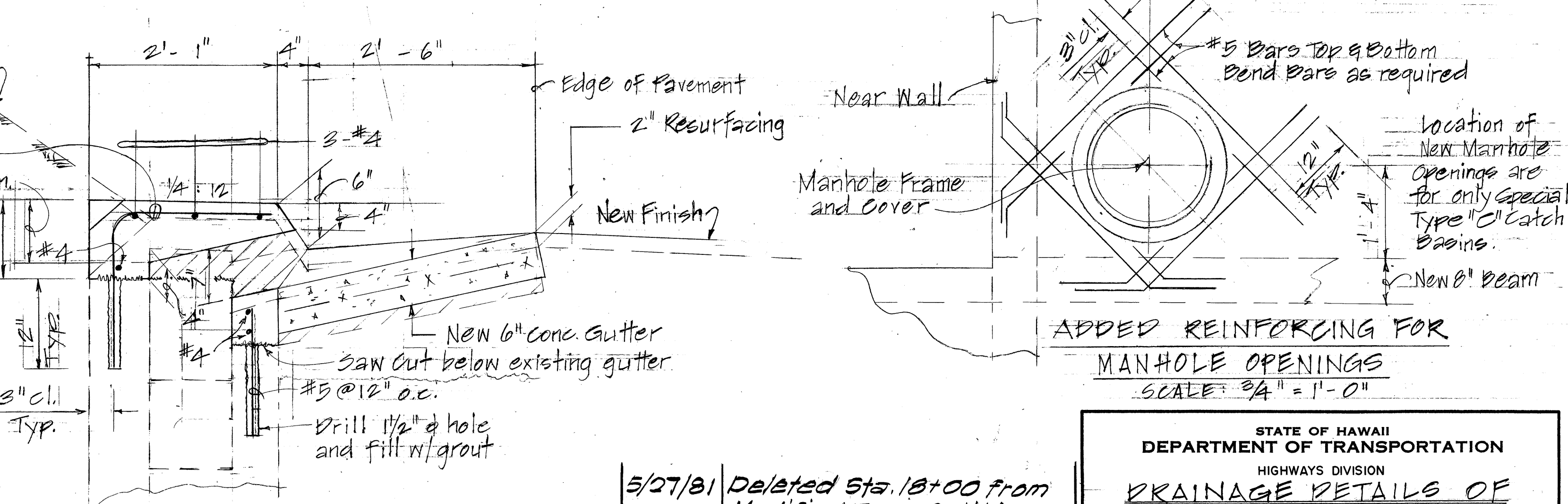
NOTE:
 1. Hatched areas denotes portion of existing to be demolished and removed
 2. Installing of existing Manhole frame and cover shall be approximately the same location for Type "C" C.B.



DETAILS OF MODIFIED TYPE "C" CATCH BASIN



DETAILS OF MODIFIED SPECIAL TYPE "C" CATCH BASINS



DETAILS OF MODIFIED SPECIAL TYPE "C" CATCH BASINS

DATE	REVISION
5/27/81	Deleted Sta. 18+00 from Modified Type C title. Revised Proj. No.

STATE OF HAWAII
 DEPARTMENT OF TRANSPORTATION
 HIGHWAYS DIVISION
 DRAINAGE DETAILS OF
 MODIFIED TYPE "C" AND
 SPECIAL TYPE "C" CATCH BASINS
 RESURFACING PALI HIGHWAY
 WAOKANAKA ST. TO RESERVOIR NO. 4
 PROJ. NO. 61B-01-81M
 SCALE: AS SHOWN DATE: APRIL, 1981
 SHEET NO. 2 OF 2 SHEETS