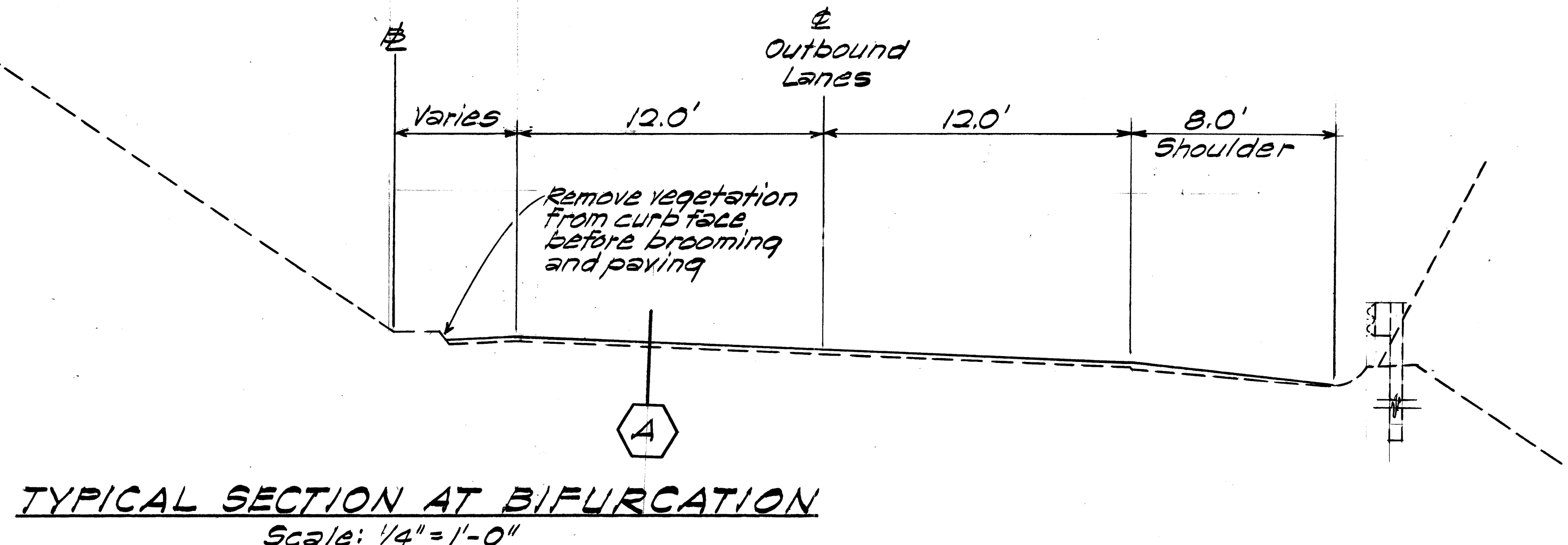
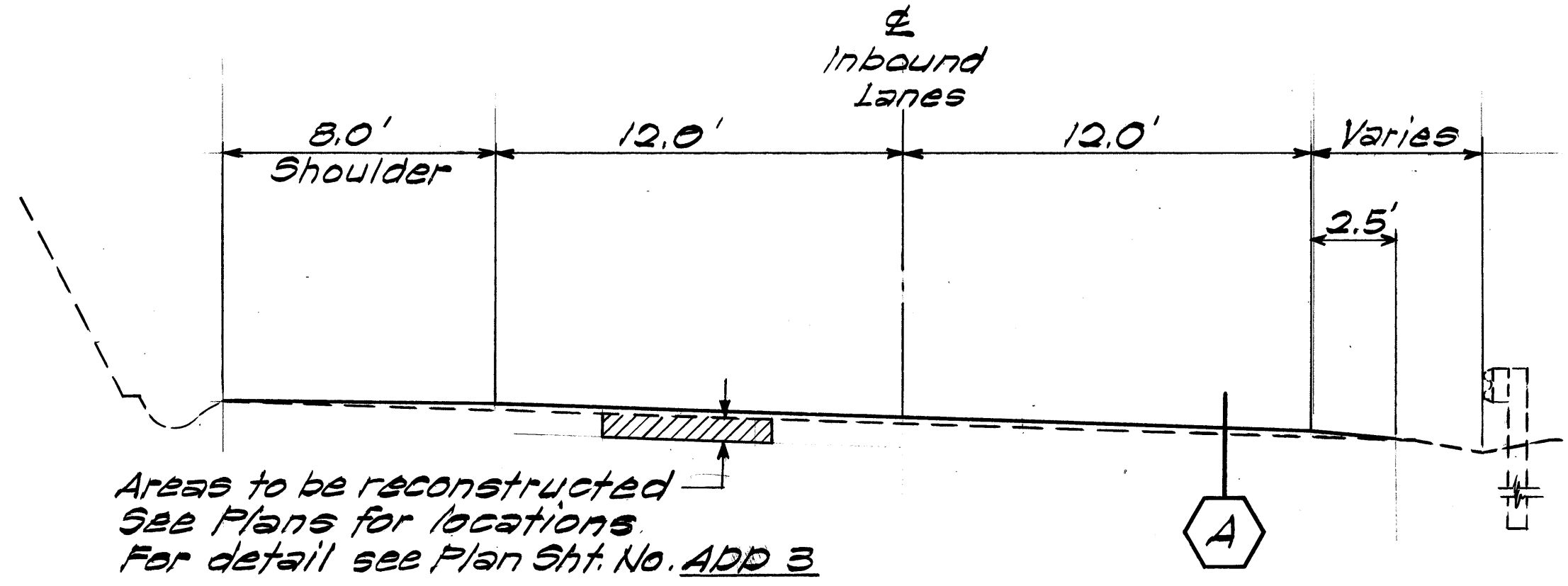
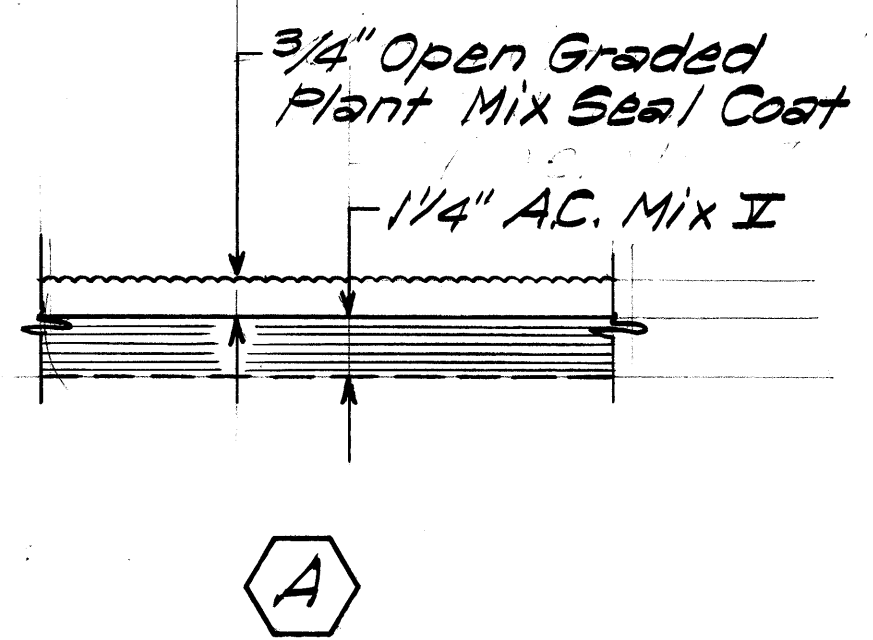
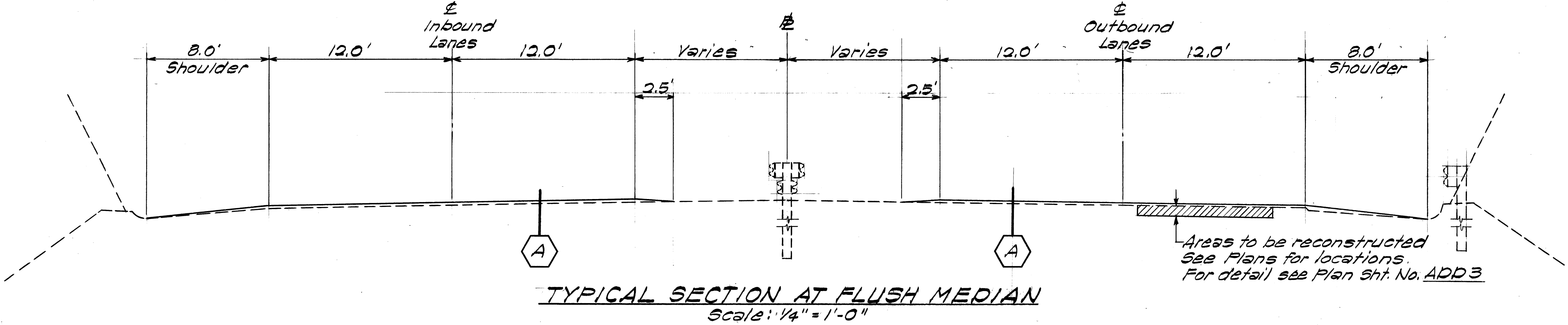


FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	61B-01-B1M	1981	2	14



GENERAL NOTES

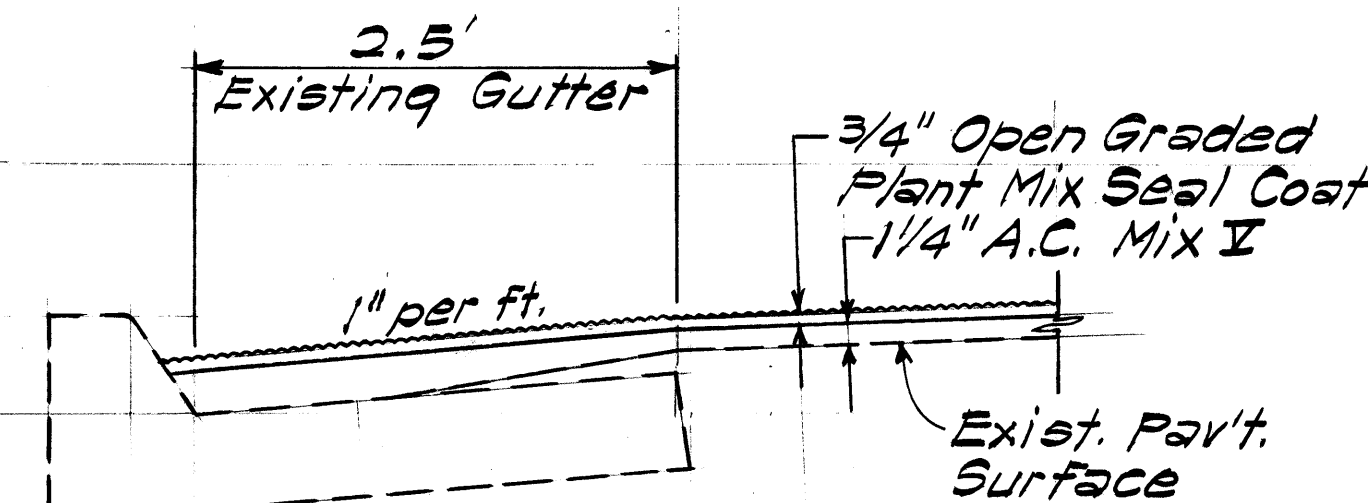
- The project begins near the intersection of Waikanaka St. and Pali Hwy. and ends approximately at Stas. 66+00 & 69+00 for the Inbound & Outbound Lanes, respectively. Improvements consist of resurfacing, reconstruction, striping, installation of pavement markings and underdrains & reconstructing catch basins.
- Before paving, the Contractor shall reference all existing reference survey and C & C monuments, manholes, handholes and other utility frames and covers in a manner satisfactory to the Engineer. The Contractor shall notify all applicable utility companies and government agencies 7 days prior to beginning paving operations. These shall be considered incidental to Asphalt Concrete Pavement, Mix No. II and no separate payment shall be made thereof.
- In places where ruts in the wheel tracks are evident, the Contractor shall place and compact a thin layer of leveling course, A.C. Mix No. II, to smooth out any irregularities in the existing pavement prior to resurfacing. Payment shall be made incidental to Asphalt Concrete Pavement, Mix No. II and no separate payment shall be made thereof.
- During peak traffic hours, the time intervals from 6:00 a.m. to 8:30 a.m. and from 3:00 p.m. to 6:30 p.m., the Contractor shall suspend all operations and keep all lanes open for public use. During working hours, the Contractor shall close only one traffic lane and no traffic lanes shall be closed during non-working hours. The above peak hours may be altered at the discretion of the Engineer.
- The locations for the reconstruction of weakened areas are shown on the plans. However, the exact limits shall be determined in the field by the Engineer.
- Smooth riding connections shall be constructed at the beginning and ending of the project and at all connecting approaches and at extra widenings, as directed by the Engineer. Payment for making smooth connections shall be made under Asphalt Concrete Pavement, Mix No. II.
- Existing centerline monuments in the Outbound and Inbound Lanes shall be adjusted at the locations shown on the plans. See detail on Plan Sht. No. ADD 3.
- The Contractor shall apply an epoxy bonding agent to the cut face of the existing Portland Cement Concrete before placing new concrete, to provide a bond between the old and new concrete. Furnishing and applying epoxy bonding agent, wire mesh and PC Concrete over Filter Fabric Underdrain shall be considered incidental to Class A Concrete at PCC Gutter Section.
- The Contractor shall use power saw to cut through existing PCC gutters where required. Payment for saw-cutting, wire mesh and excavation shall be considered incidental to Class A Concrete at PCC Gutter Section.
- Pavement markings and striping shall be installed as follows:
 - Left edge of pavement line
 - Center line
 - Right edge of pavement line
 all in accordance with "Typical Details, Raised Pavement Markers and Striping, Divided Highway and Freeway," Plan Sht. No. ADD 11. Transitions to existing pavement markings at the beginning and ending of project shall be made by varying the 10-foot segments and 30-foot gaps, plus or minus one foot to provide the necessary transitions.
- Where excavation for installation of underdrain and reconstruction of weakened areas coincide, the excavation shall be included under Item No. 650.0100 "Filter Fabric Underdrain" and no additional payment shall be made thereof.
- During asphalt concrete paving operations, longitudinal joints shall be sloped 45°.

5/27/81	Revised Typical Sections - Inbound Lanes, Proj. No. 61B-01-B1M, Gen. Notes Nos. 1, 3, 4, T & 10.
DATE	REVISION

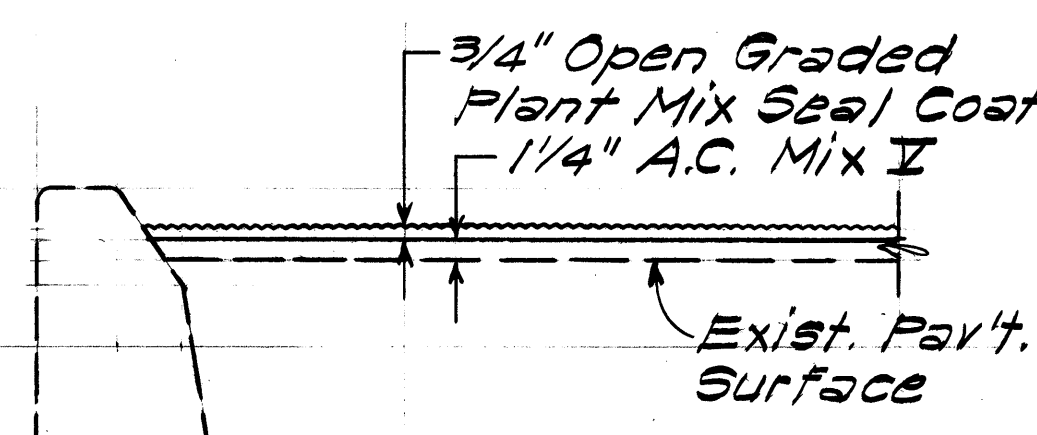
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
LAND TRANSPORTATION FACILITIES DIVISION
TYPICAL SECTIONS & GENERAL NOTES
RESURFACING PALI HIGHWAY
WAOKANAKA ST. TO RESERVOIR NO. 4
Proj. No. 61B-01-B1M
Scale: As Shown. Date: April, 1981
SHEET NO. 1 OF 2 SHEETS

DATE	_____
SURVEY PLOTTED BY	_____
PLAN	_____
DRAWN BY	_____
TRACED BY	_____
DESIGNED BY	_____
NOTE BOOK	_____
QUANTITIES BY	_____
CHECKED BY	_____

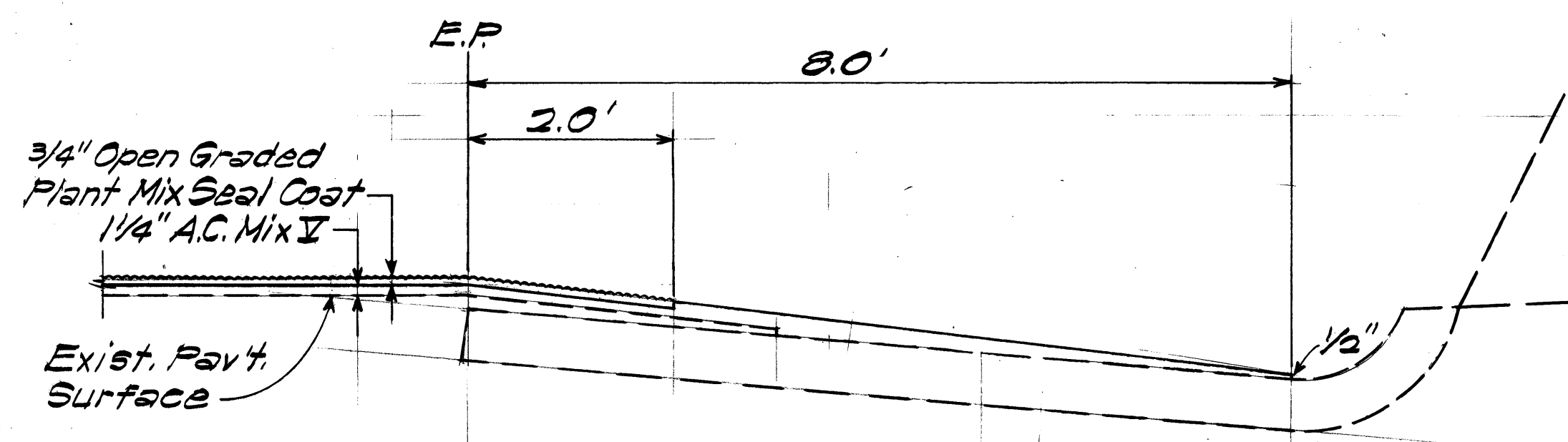
FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	613-01-B1M	1981	3	14



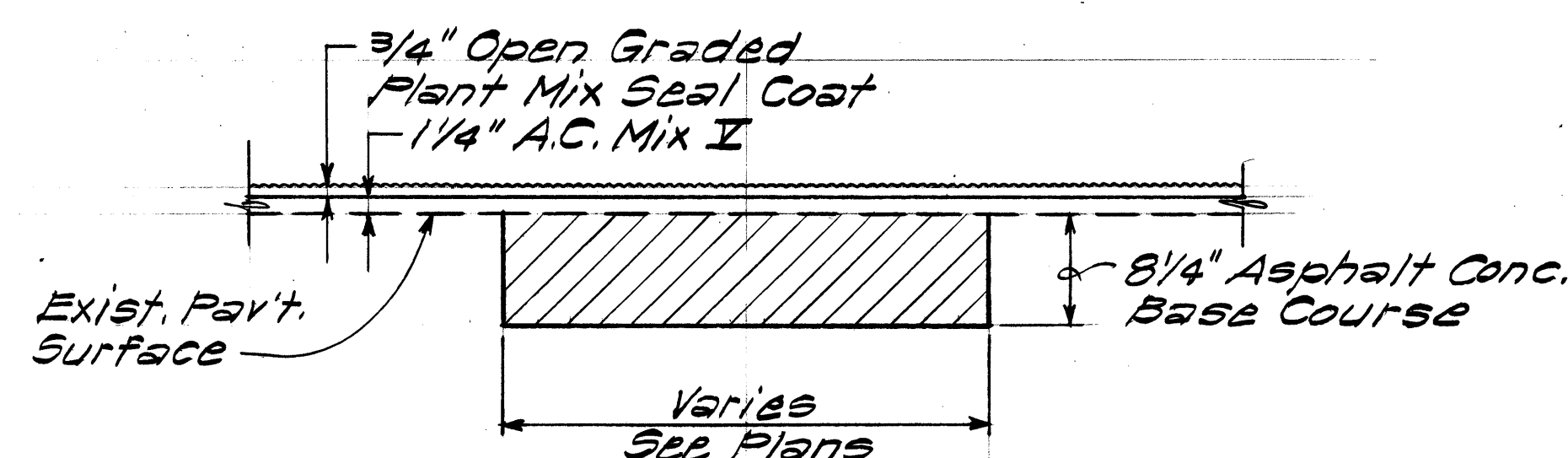
MEDIAN CURB & GUTTER SECTION
Scale: 1" = 1'-0"



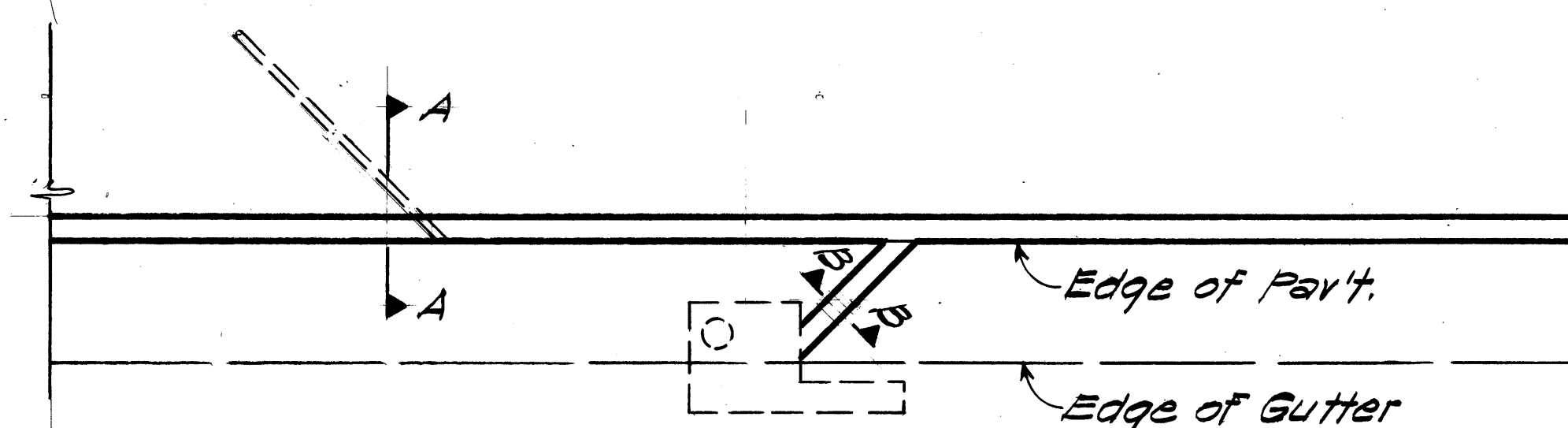
MEDIAN CURB SECTION
Scale: 1" = 1'-0"



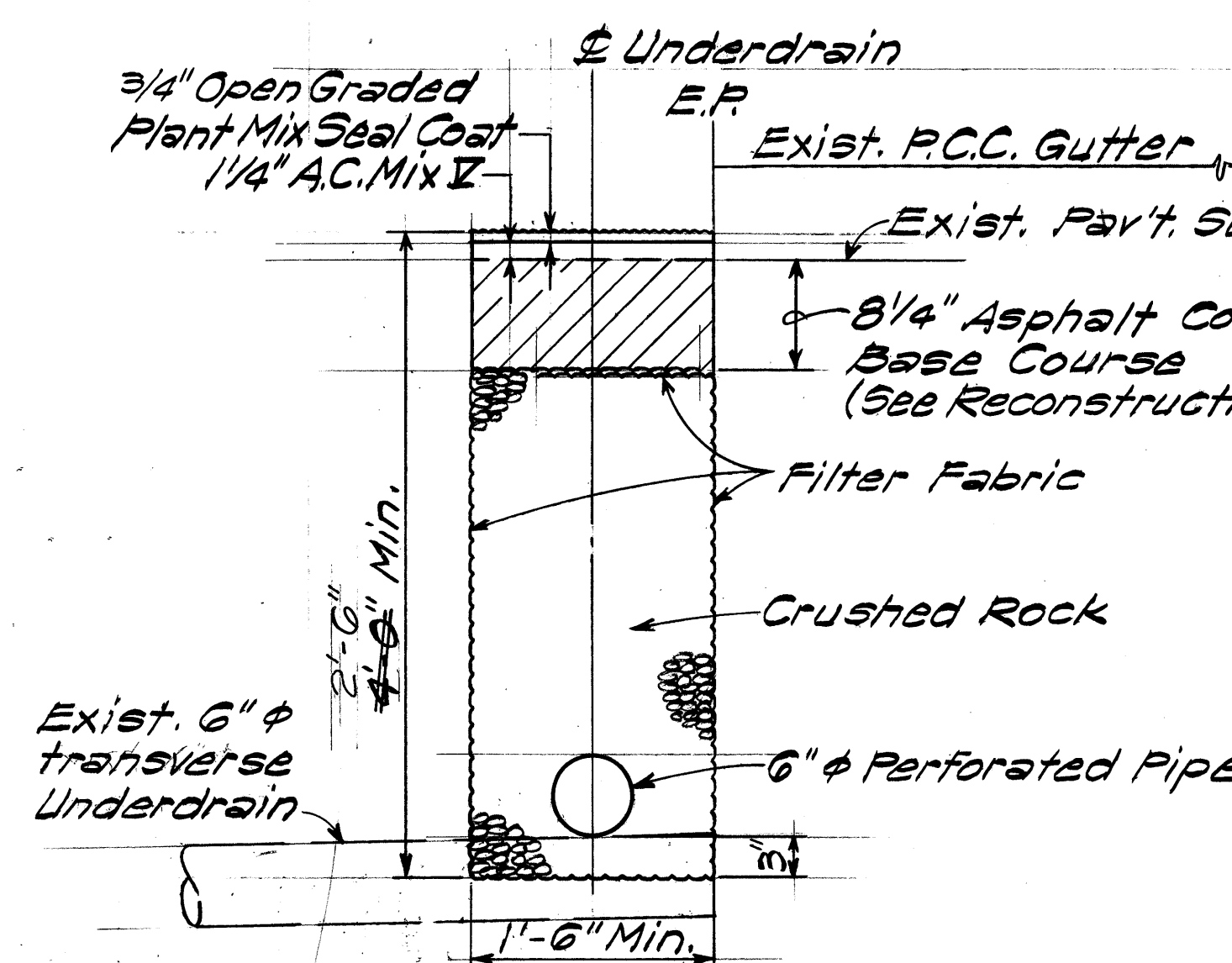
P.C.C. GUTTER SECTION
Scale: 3/4" = 1'-0"



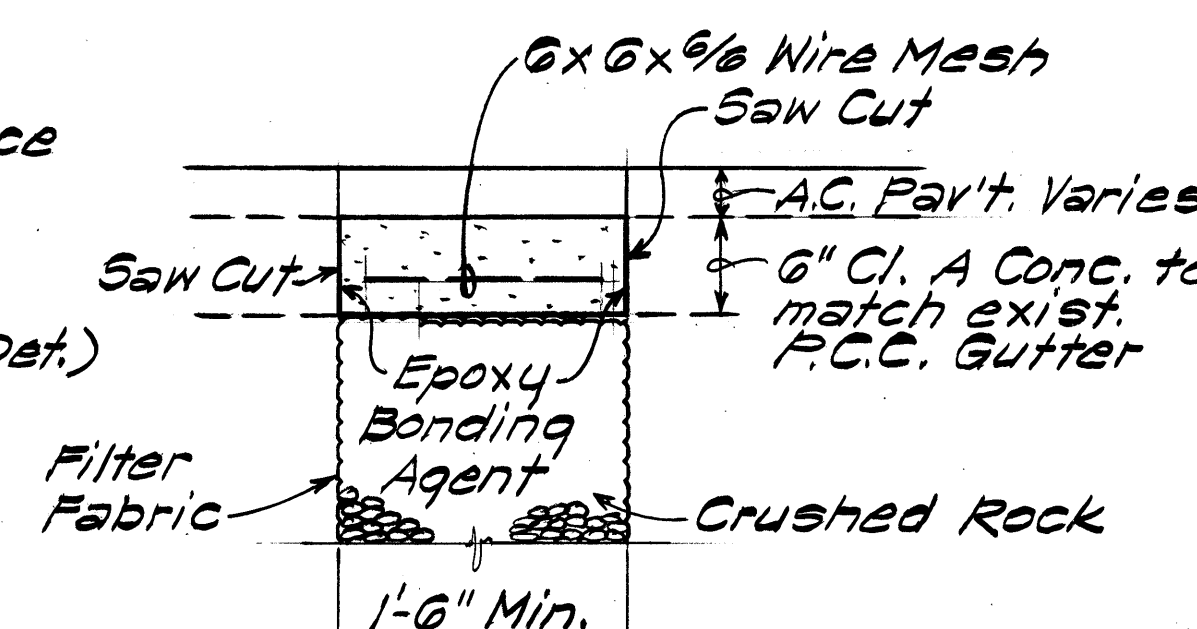
RECONSTRUCTION OF WEAKENED AREA DETAIL
Scale: 1" = 1'-0"



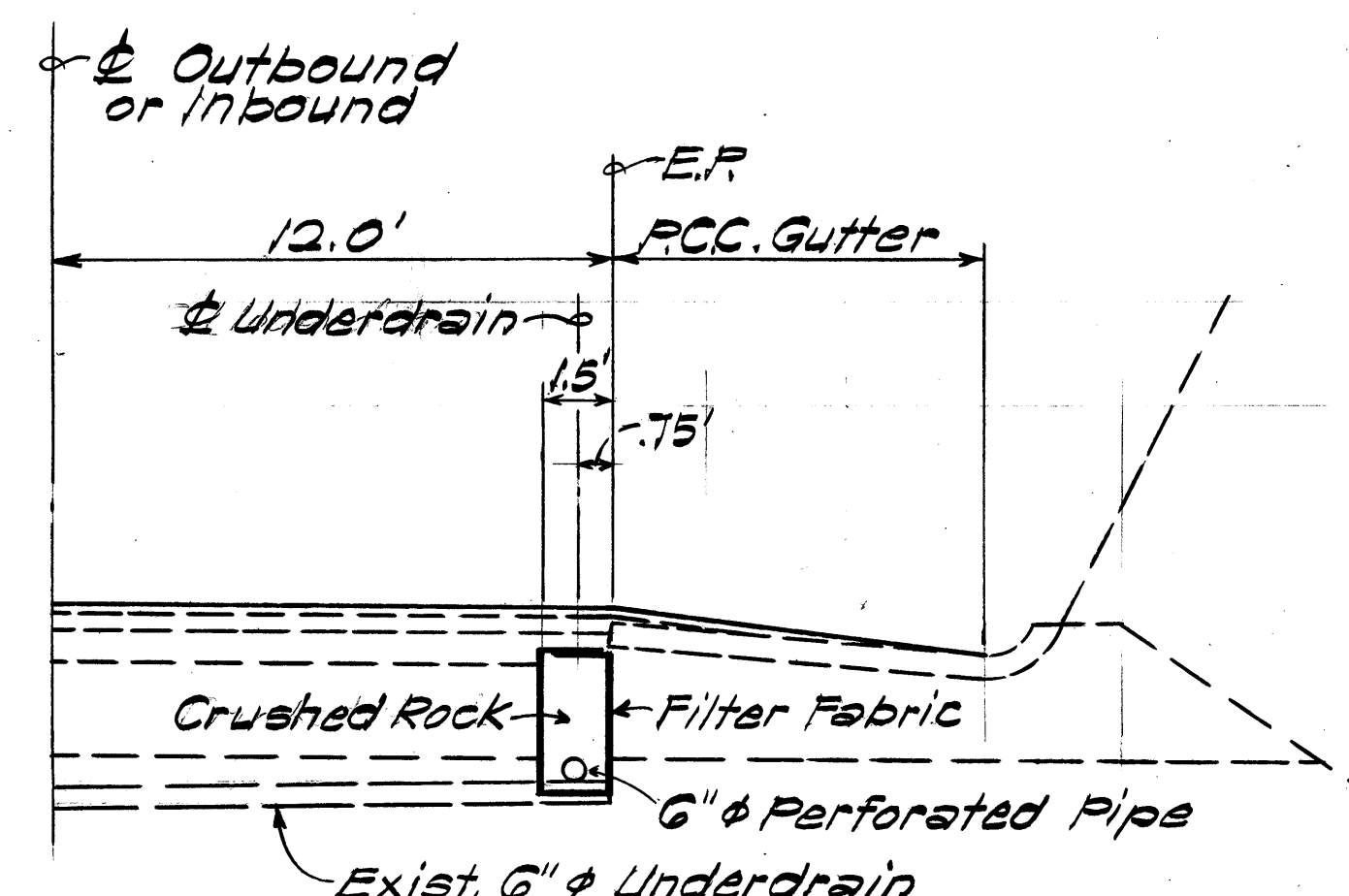
UNDERDRAIN PLAN
Scale: 1" = 10'



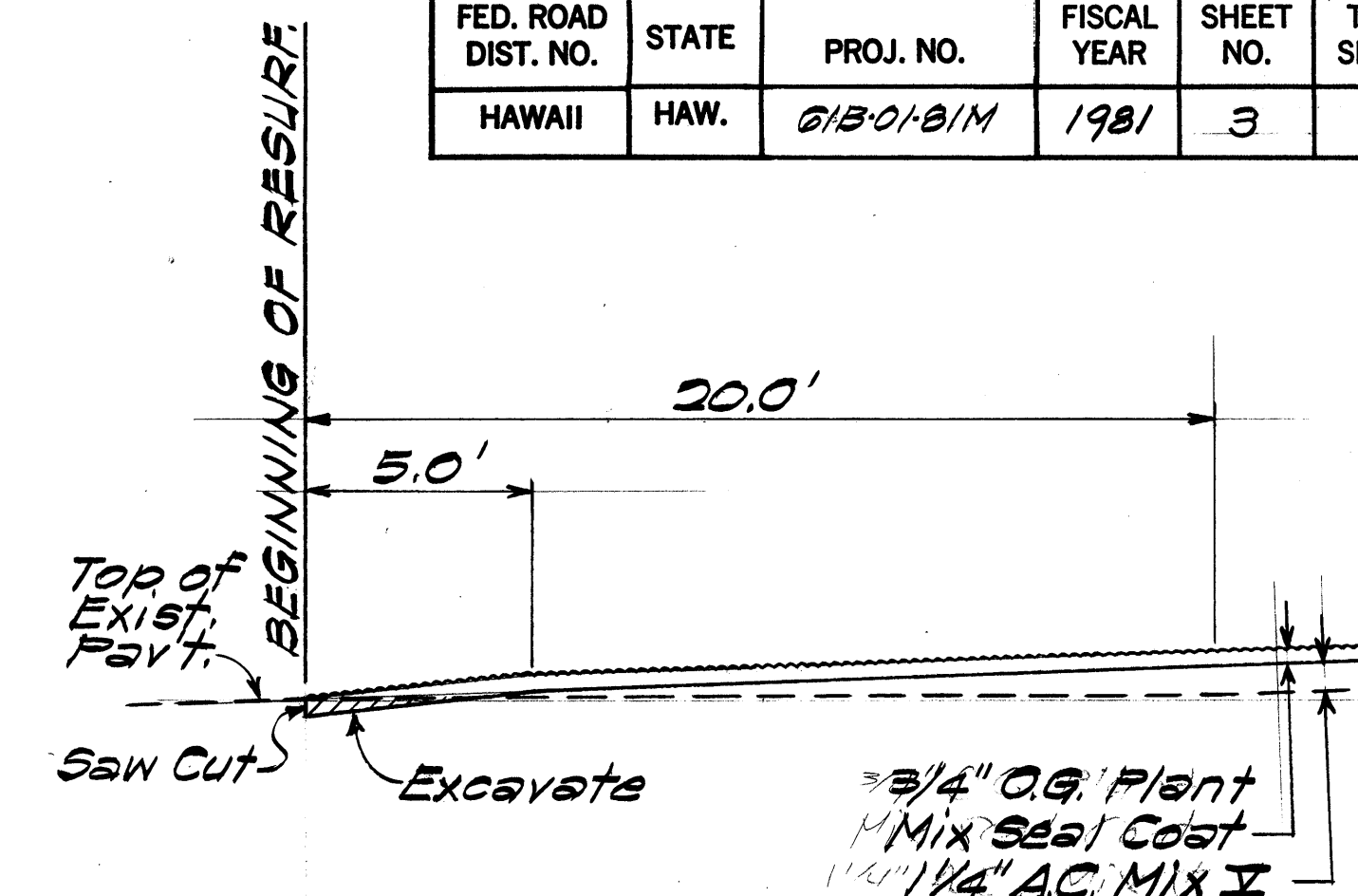
DETAIL A-A
Scale: 1" = 1'-0"



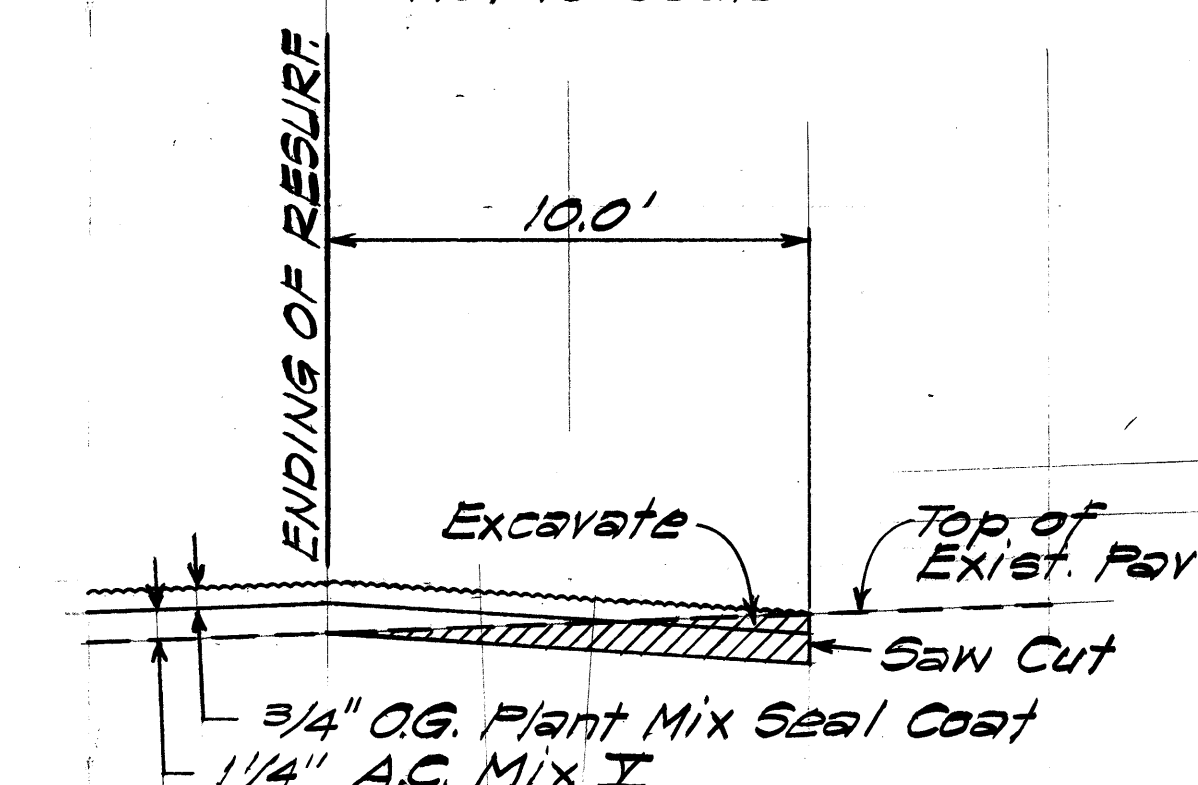
DETAIL B-B
Scale: 1" = 1'-0"



FILTER FABRIC UNDERDRAIN LOCATION
Scale: 1/4" = 1'-0"

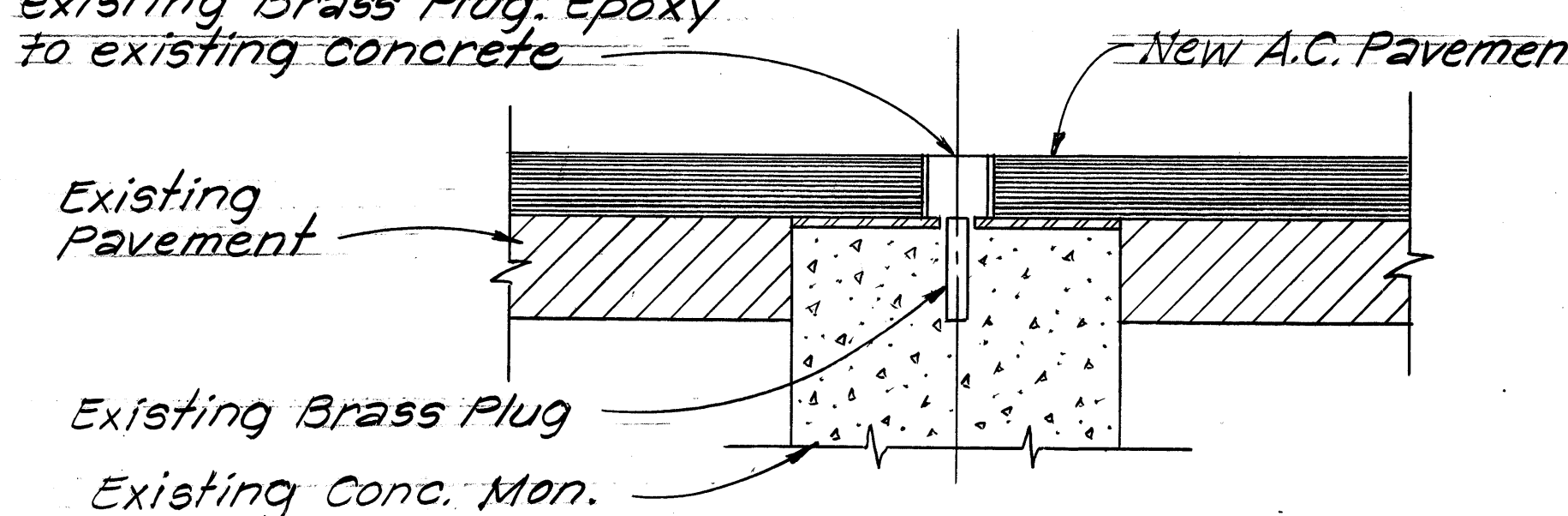


SMOOTH RIDING CONNECTION @ BEGINNING OF RESURF.
Not to Scale



SMOOTH RIDING CONNECTION @ ENDING OF RESURF.
Not to Scale

1/2" Galv. Pipe welded to 1/4" Metal Plate (8"x8") with 5/8" dia. hole drilled to accommodate existing Brass Plug. Epoxy to existing concrete.



ADJUSTED & MONUMENT
Scale: 3" = 1'-0"

NOTE:
Adjustment of Centerline Monument shall not be paid for separately, but shall be considered incidental to the various contract items.

STATE OF HAWAII DEPARTMENT OF TRANSPORTATION LAND TRANSPORTATION FACILITIES DIVISION	
RESURFACING DETAILS	
RESURFACING PALI HIGHWAY WAOKANAKA ST. TO RESERVOIR NO. 4	
Proj. No. 613-01-B1M	
Scale: As Shown	Date: April, 1981
SHEET NO. 2 OF 2 SHEETS	

5/27/81	Revised Filter Fabric Underdrain Location Detail, Proj. No. & Smooth Riding Connection Details
DATE	REVISION

DATE	_____
SURVEY PLOTTED BY	_____
DRAWN BY	_____
DESIGNED BY	_____
NOTED BY	_____
QUANTITIES BY	_____
CHECKED BY	_____
ORIGINAL PLAN	_____
NO.	_____