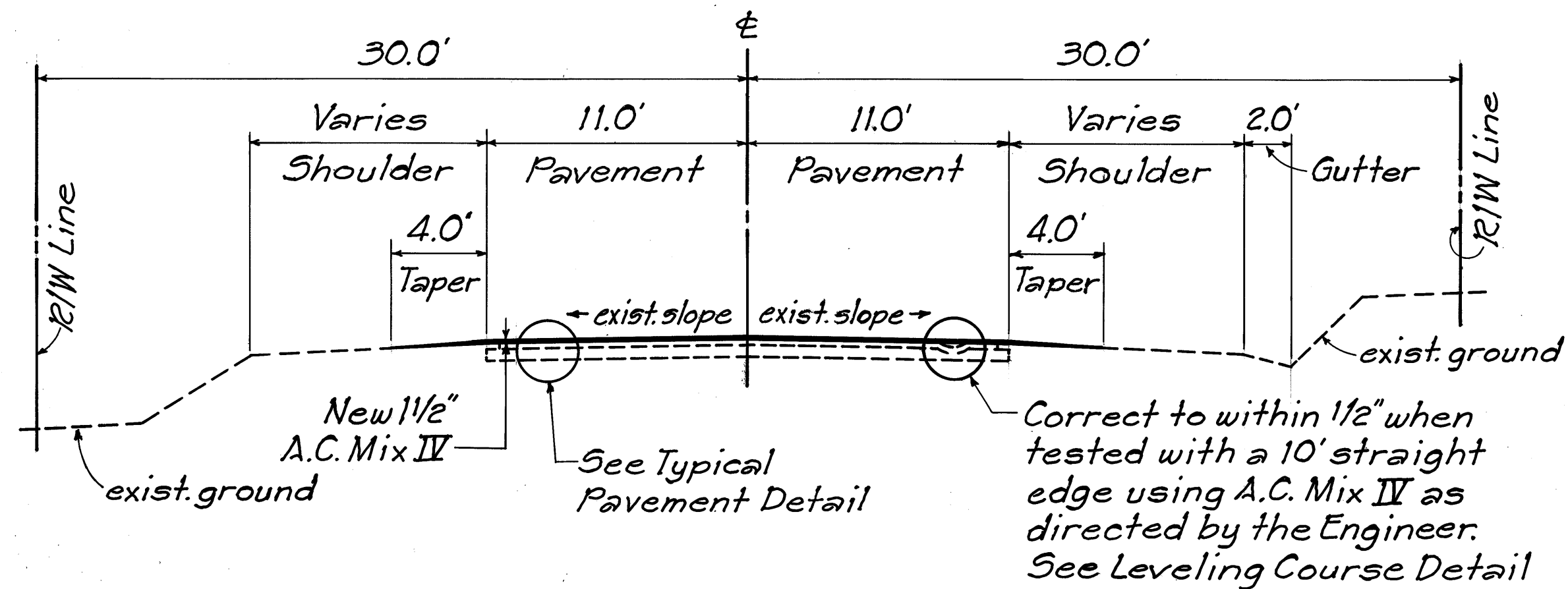
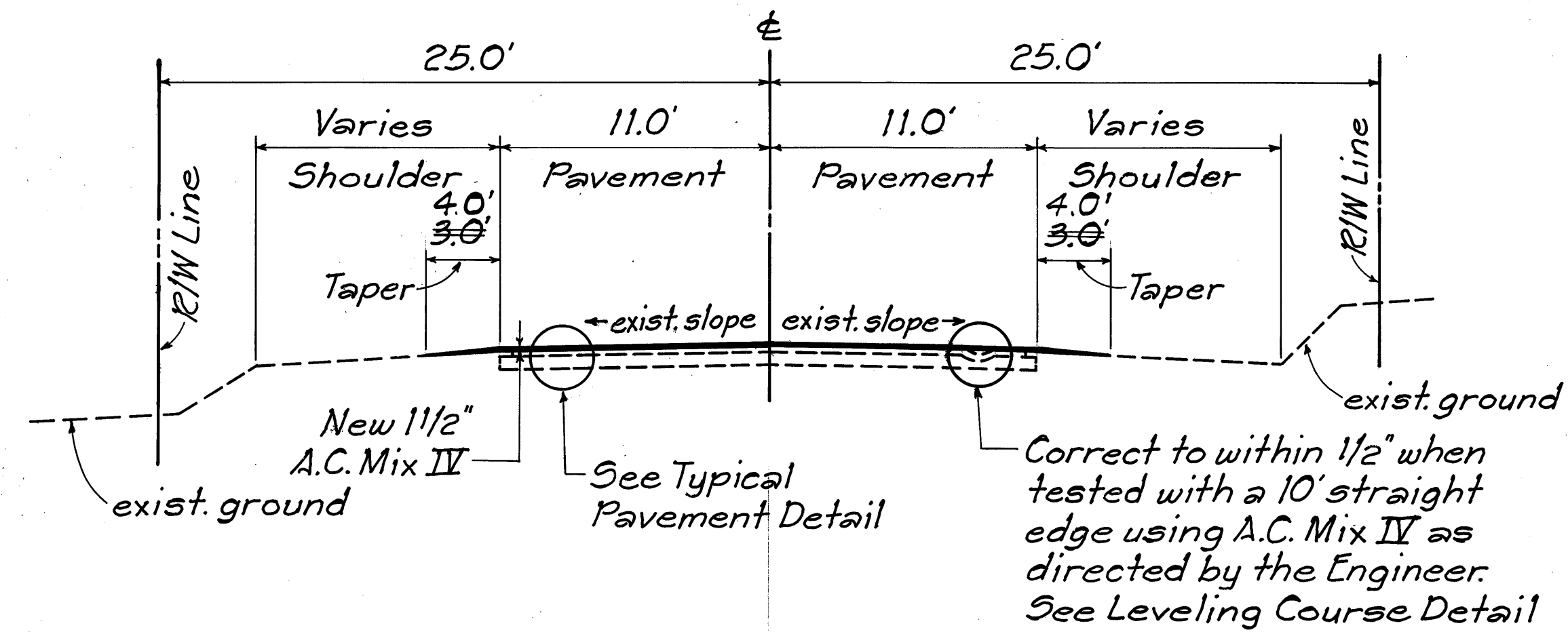


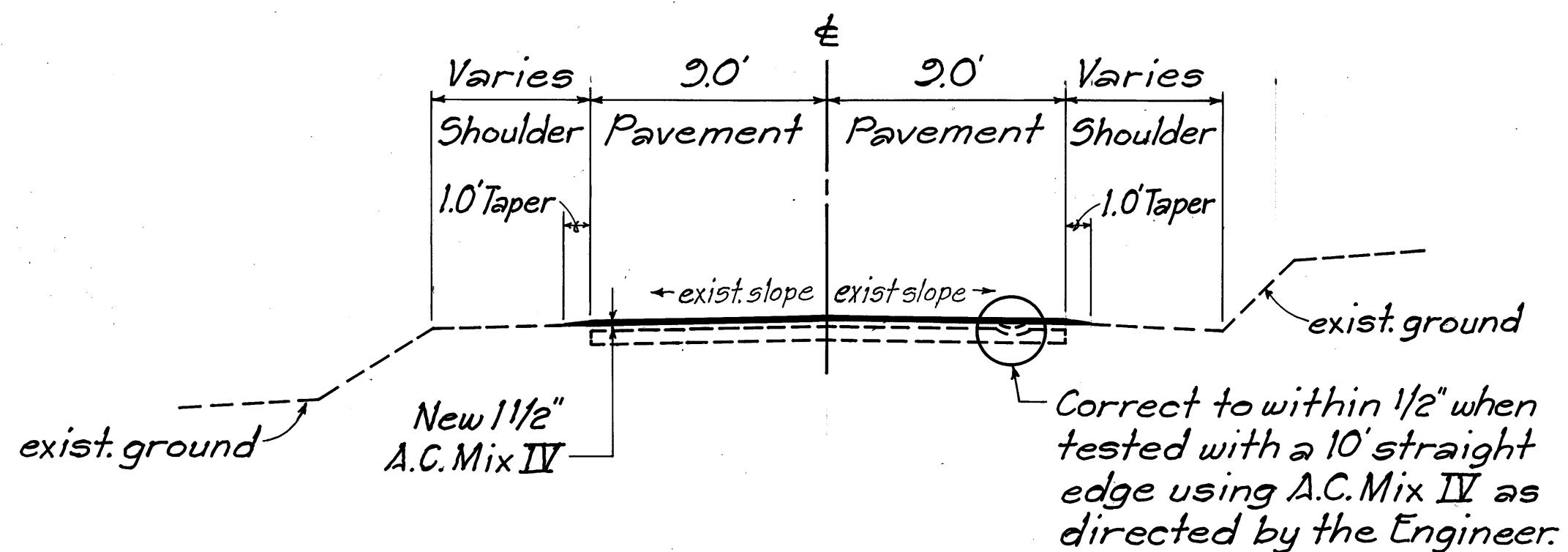
FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	130A-01-92M	1992	3	10



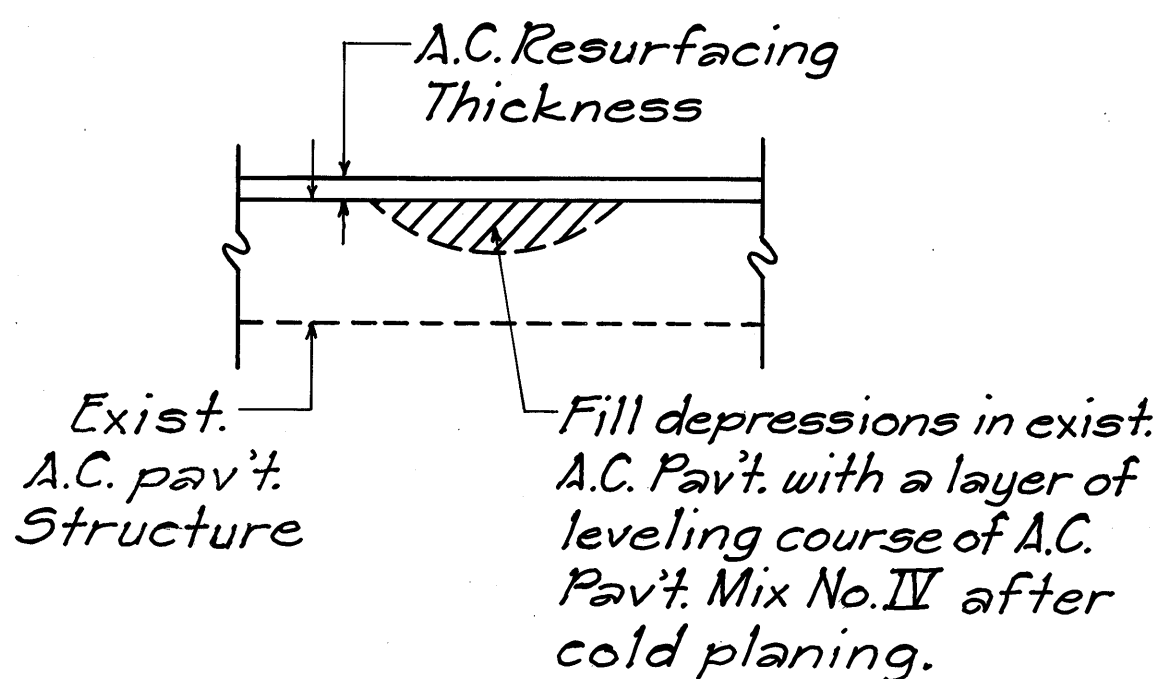
TYPICAL SECTION
STA. 0+00 TO STA. 130+00
Not To Scale



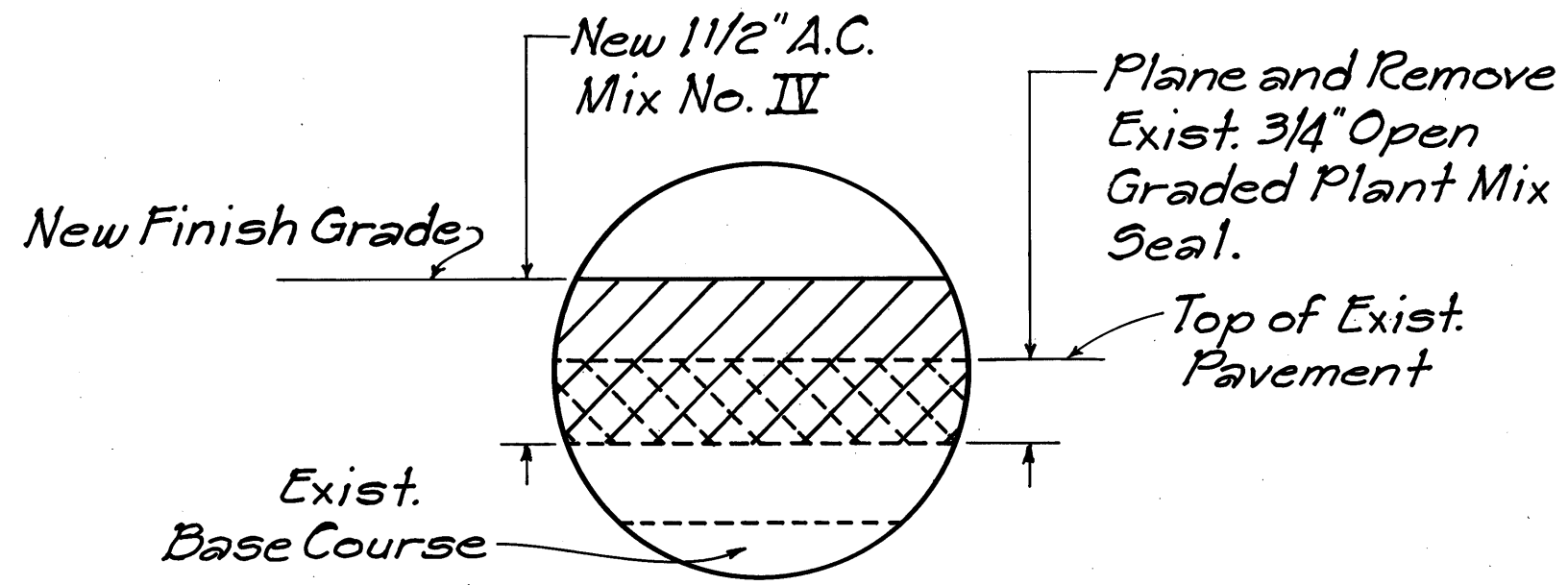
TYPICAL SECTION
STA. 130+00 TO STA. 264+20
Not To Scale



TYPICAL SECTION
FOR KAMAILI STREET
Not To Scale



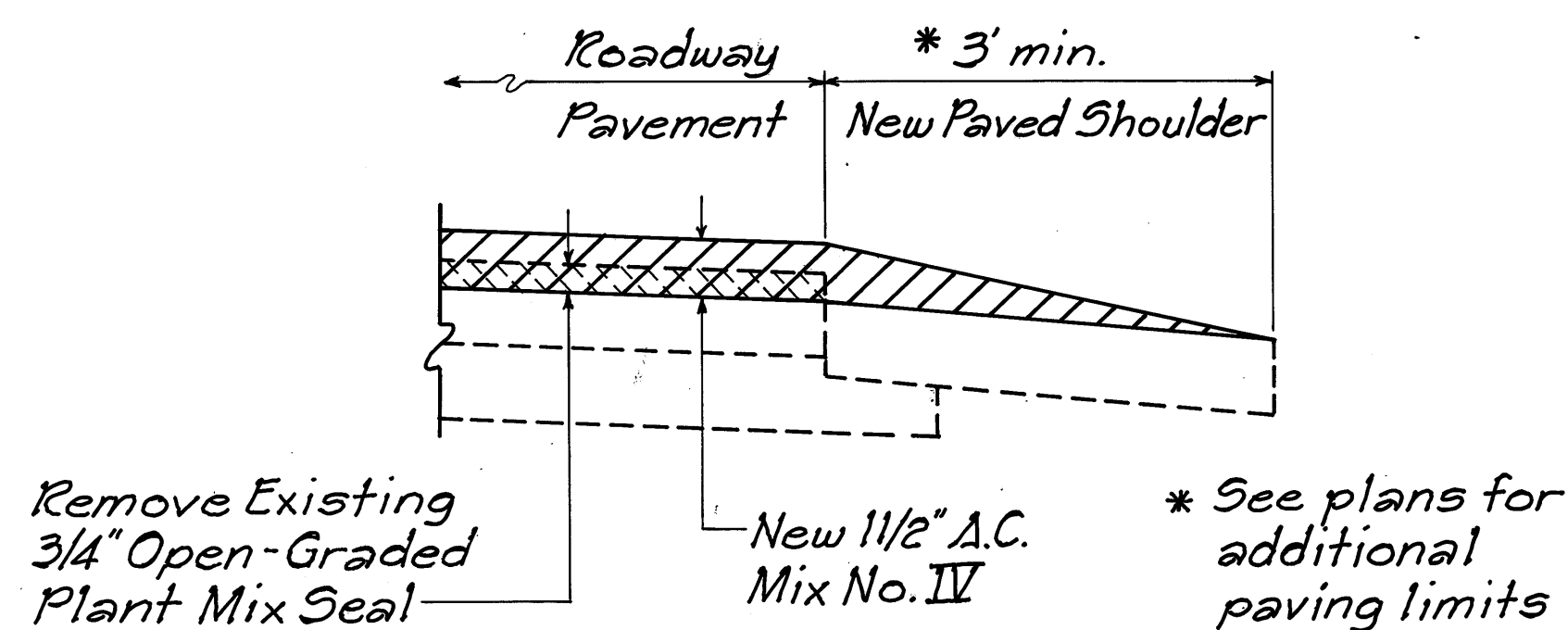
LEVELING COURSE DETAIL
Not To Scale



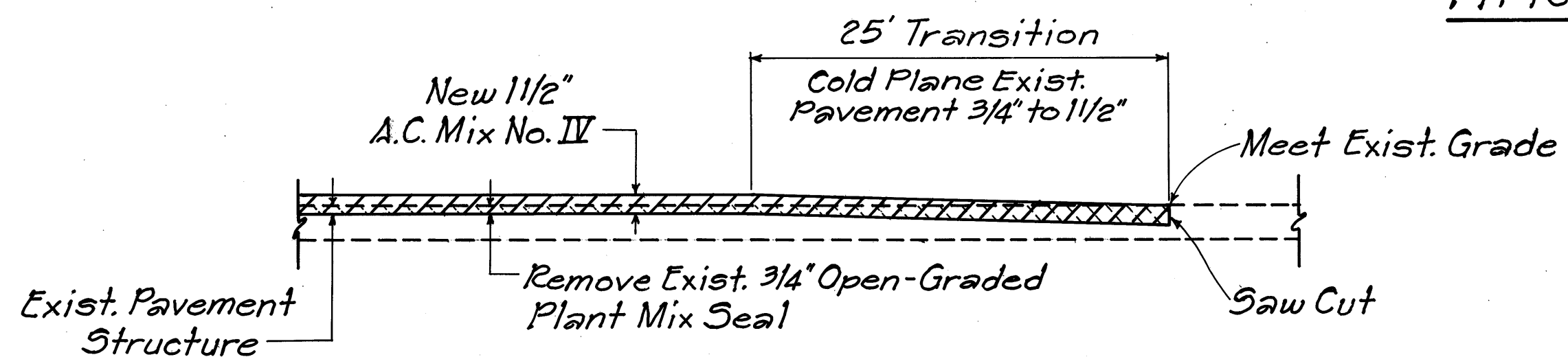
TYPICAL PAVEMENT DETAIL
Not To Scale

GENERAL NOTES:

1. Improvements consists of cold planing; reconstructing weakened pavement areas; leveling and resurfacing the existing pavement; adjusting and/or reconstructing reference survey monuments; adjusting valve boxes; replacing and/or installing signs and reflector markers; and installing pavement striping, markings and markers.
2. Initial preparation of shoulder areas shall be done by the State. Contractor shall be responsible for finish rolling and maintaining the shoulders thereafter. This work shall be considered incidental to Item No. 401.0400 - Asphalt Concrete Pavement, Mix No. IV.
3. The exact locations and limits of areas to be reconstructed shall be determined in the field by the Engineer.
4. Existing Thermoplastic Extrusion Pavement Markings and Preformed Pavement Marking Tape shall be removed prior to resurfacing. Removal shall be by scraping, grinding or other method approved by the Engineer. Payment shall be incidental to Item No. 401.0400 - Asphalt Concrete Pavement, Mix No. IV.
5. Asphalt concrete for leveling shall be paid for under Item No. 401.0400 Asphalt Concrete Pavement, Mix No. IV.
6. Smooth and easy riding connections shall be constructed at the beginning and ending of project and at the ending of daily work.
7. Contractor's attention is directed to Section 401.03 of the Special Provisions. All longitudinal and transverse tapers within the traveled way shall be removed prior to commencing and continuing of paving operations.
8. Exact depths of existing 3/4" open-graded plant mix seal may vary. Contractor shall remove all existing open-graded plant mix seal prior to resurfacing.



TYPICAL SECTION AT NEW PAVED SHOULDER
Not To Scale



TYPICAL LONGITUDINAL SECTION
AT END OF PROJECT

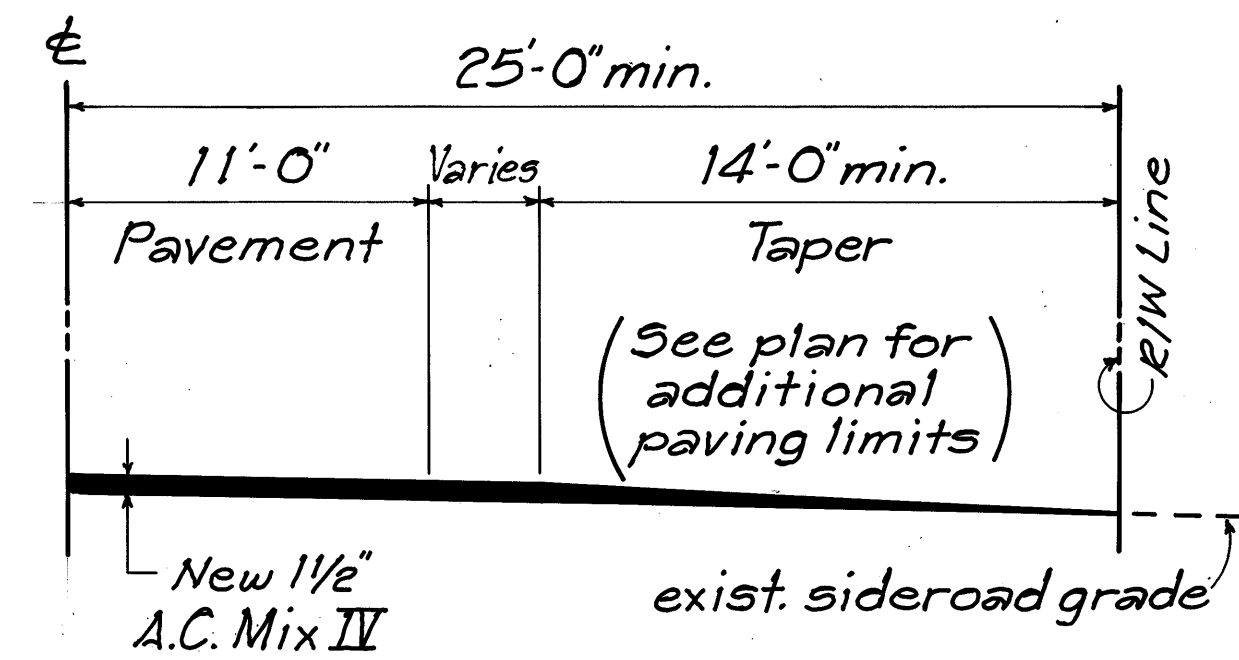
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

TYPICAL SECTIONS, DETAILS
AND GENERAL NOTES
PAHOA-KALAPANA ROAD RESURFACING
PROJ. No. 130A-01-92M
PUNA, HAWAII
Scale: As Noted Date:

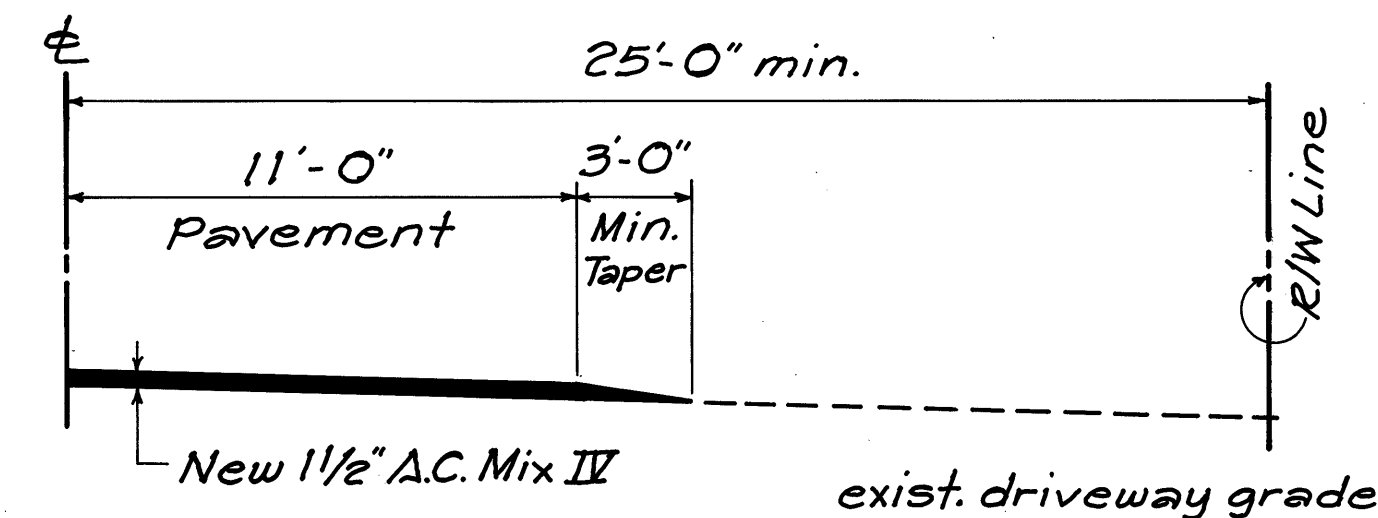
SHEET No. 1 OF 2 SHEETS

DATE	
SURVEY PLOTTED BY	
DRAWN BY	
DESIGNED BY	
QUANTITIES BY	
CHECKED BY	
ORIGINAL PLAN	
NOTE BOOK	1320

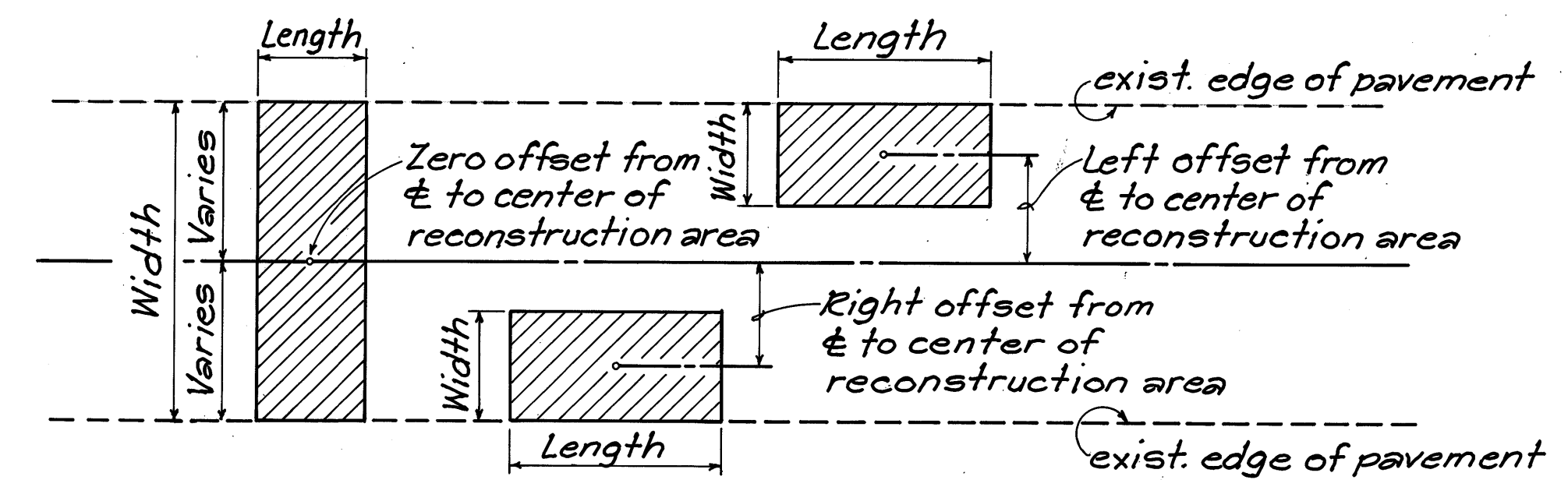
FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	130A-01-92M	1992	4	10



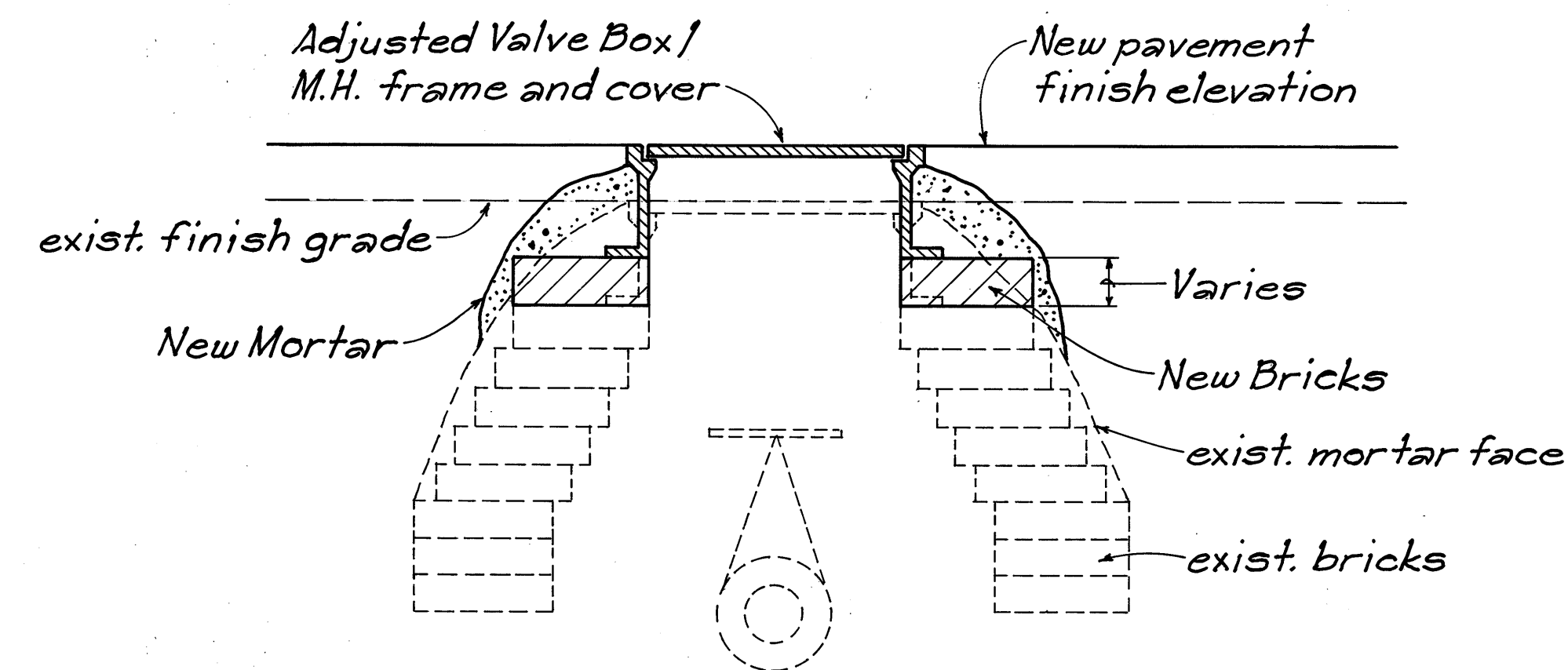
TYPICAL SIDEROAD CONNECTION
Not To Scale



TYPICAL DRIVEWAY CONNECTION
Not To Scale



TYPICAL PLAN

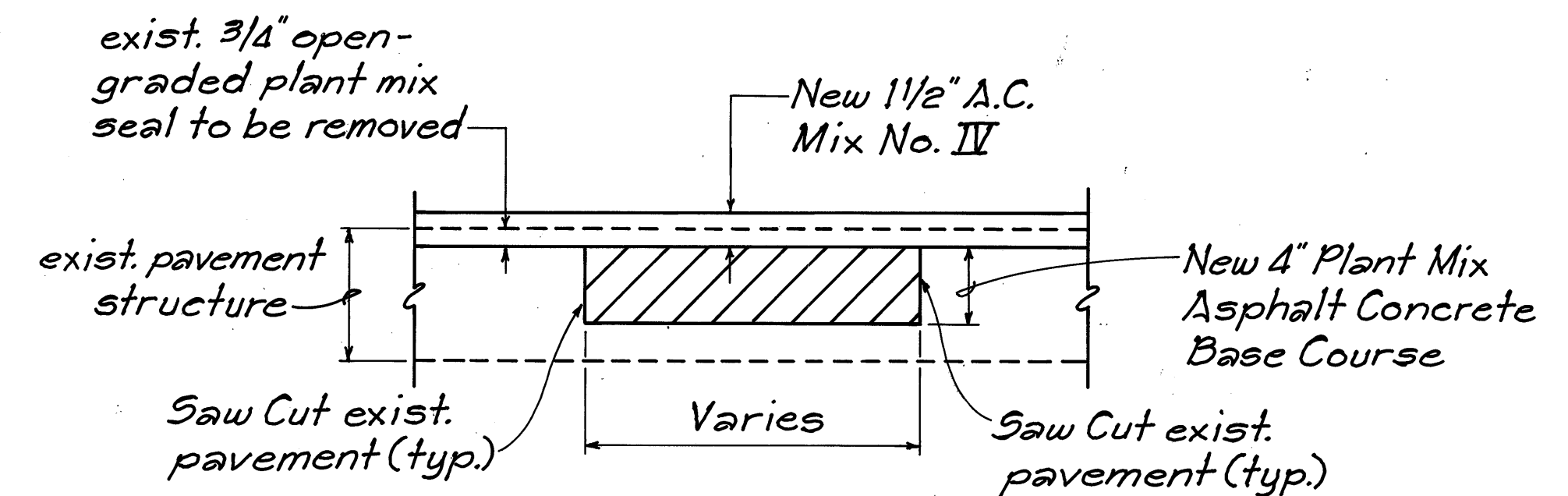


VALVE BOX FRAME AND COVER DETAIL
Not To Scale

VALVE BOX SCHEDULE				
STATION	OFFSET FROM ϵ (FT.)			REMARKS
	LT.	ϵ	RT.	
259+69	13.2			12" dia.
263+23	13.4			12" dia.
TOTAL	2 Each			

RECONSTRUCTION AREA SCHEDULE						
STATION		OFFSET FROM & (FT.)		LENGTH LIN. FT.	WIDTH FT.	APPROX. AREA SQ. FT.
FROM	TO	LT.	RT.			
192 + 64	193 + 13*		2.2	49.7	4.4	218.68
193 + 64	193 + 95*		2.1	31.0	4.2	130.20
194 + 10	194 + 26*		2.2	16.3	4.5	73.35
226 + 40	226 + 76*		2.4	30.5	4.9	149.45
229 + 10	229 + 53.8*		2.0	43.8	4.0	175.20
236 + 76.5	236 + 99*		2.3	22.7	4.7	106.69
240 + 35	240 + 59*		2.2	28.2	4.5	126.90
252 + 00	252 + 11*		2.2	11.0	4.4	48.40
259 + 41	259 + 62.6*		1.2	31.6	3.5	110.60
TOTAL						1,139.47

STATION		OFFSET FROM (<u>£</u> (FT.))		LENGTH	WIDTH	APPROX. AREA
FROM	TO	Lt.	Rt.	Lin. Ft.	Ft.	Sq. Ft.
5+50	5+70	5.5		20	11	220
5+55	5+80		5.5	25	11	275
52+25	52+37	5.5		12	11	132
91+06	92+11	5.5		15	11	165
92+05	92+17		5.5	12	11	132
132+06	132+85		10.0	79	10	790
132+33	132+70	8.0		37	6	222
133+05	133+22	5.5		17	11	187
133+10	133+35		5.5	25	11	275
193+00	194+04		3.0	14	6	84
TOTAL						2,482



TYPICAL SECTION

PAVEMENT RECONSTRUCTION DETAIL
Not To Scale

RECONSTRUCTION AREA SCHEDULE					
STATION		OFFSET FROM E (FT.)	LENGTH	WIDTH	APPROX. AREA
FROM	TO	Rt.	Lin. Ft.	Ft.	Sq. Ft.
196+20	196+55	5.5	35	11	385
227+50	228+30	3.0	80	6	480
236+90	237+30	5.5	40	11	440
240+20	240+50	5.5	30	11	330
242+80	243+20	8.0	40	6	240
TOTAL					1,875

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

*TYPICAL SECTIONS,
DETAILS AND SCHEDULES*

PAHOA-KALAPANA ROAD RESURFACING
PROJ. No. 130A-01-92M
PUNA, HAWAII

Scale: As Noted Date:

SHEET NO. 2 OF 2 SHEETS