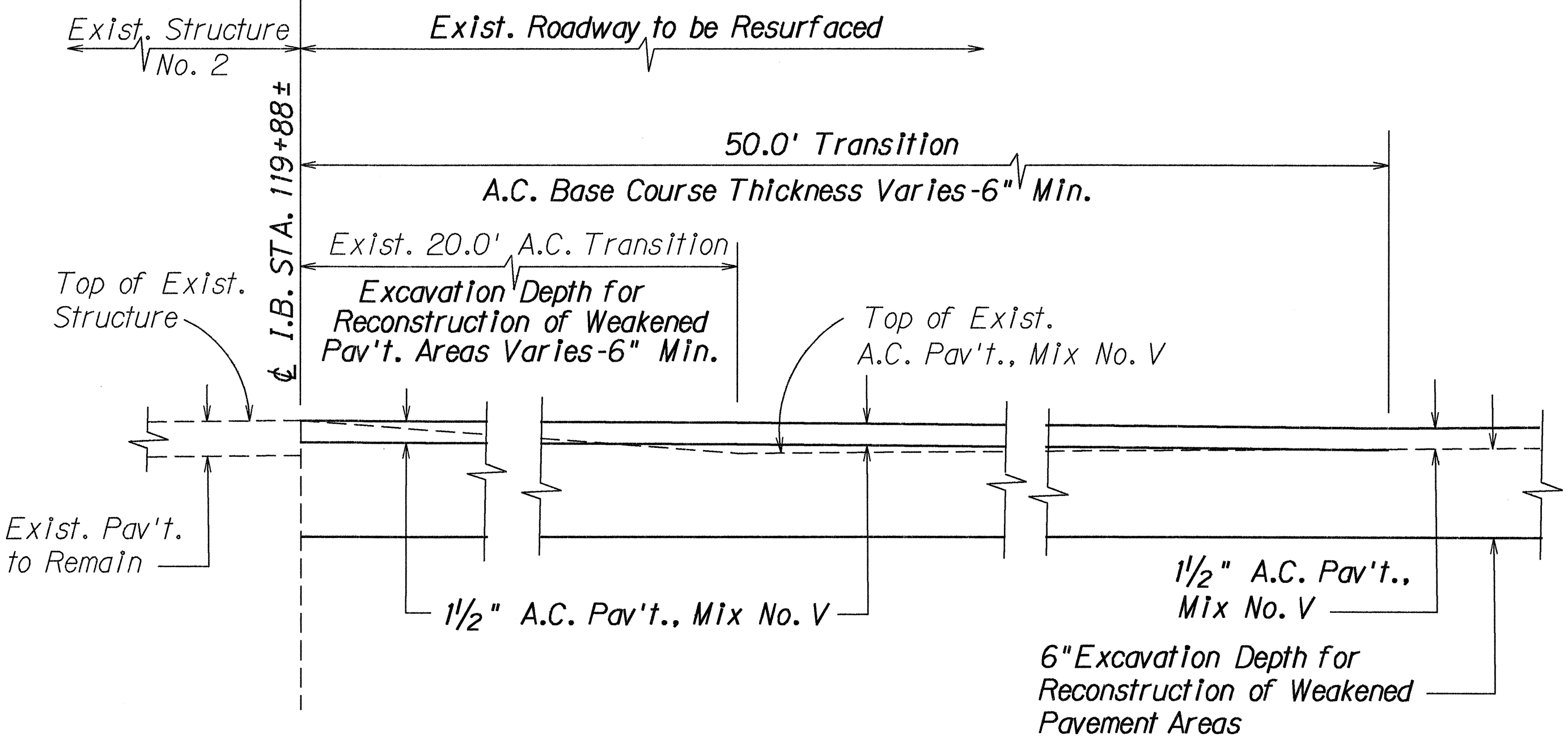
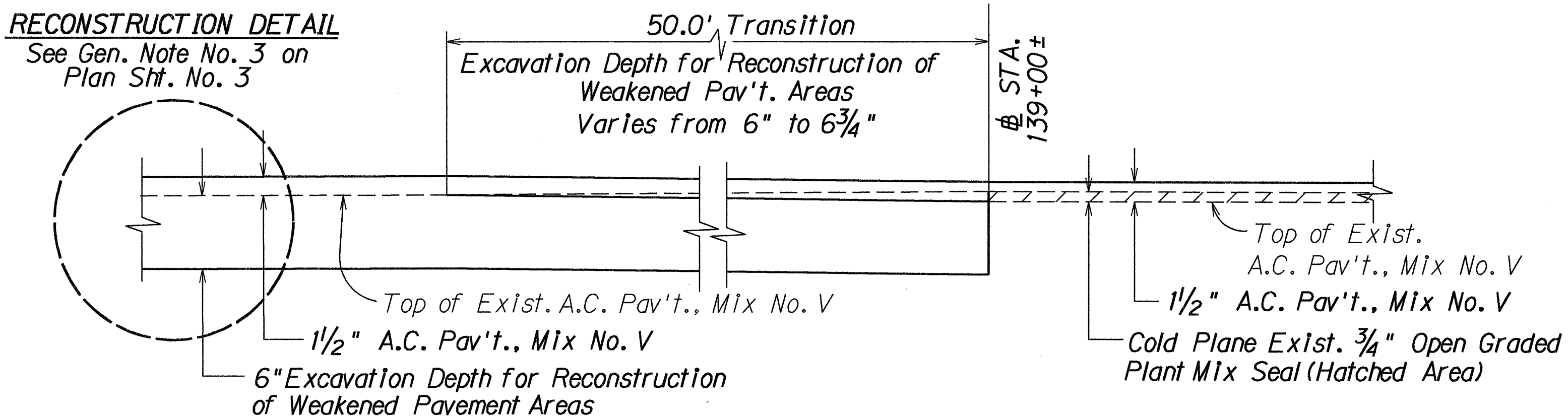


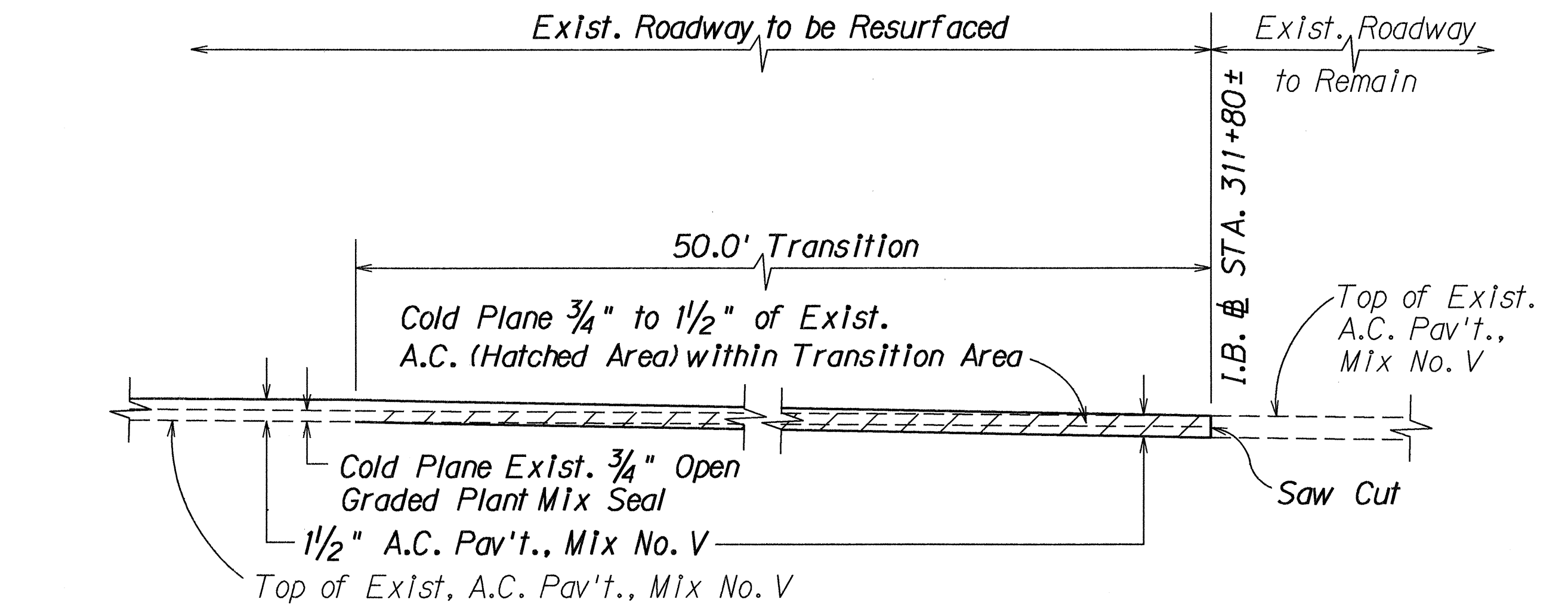
FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	78A-01-90M	1990	4	5



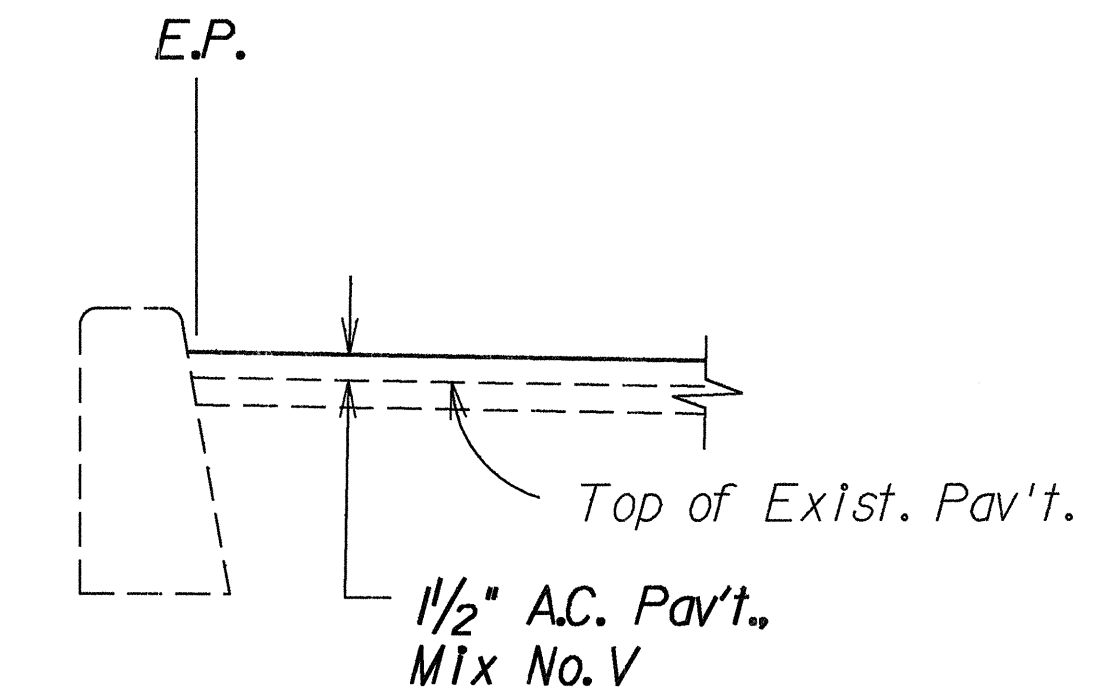
RESURFACING DETAIL AT BEGINNING OF PROJECT
Not to Scale



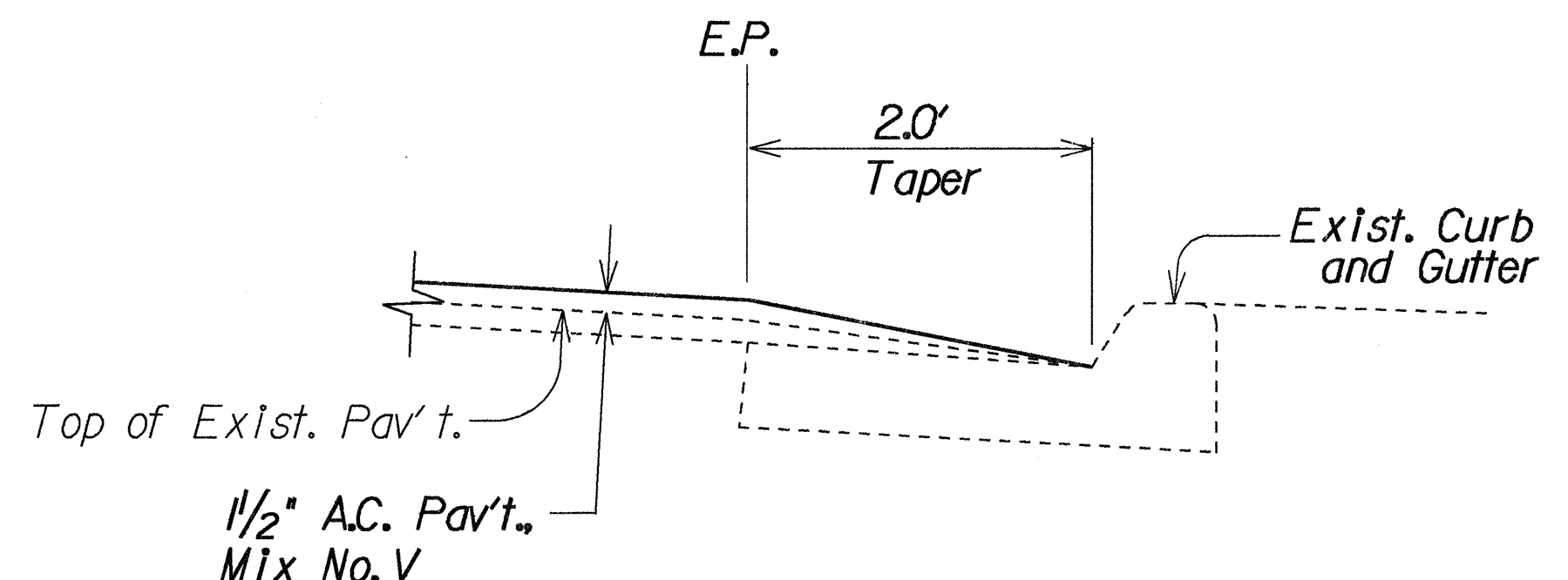
RESURFACING DETAIL AT STA. 139+00±
Not to Scale



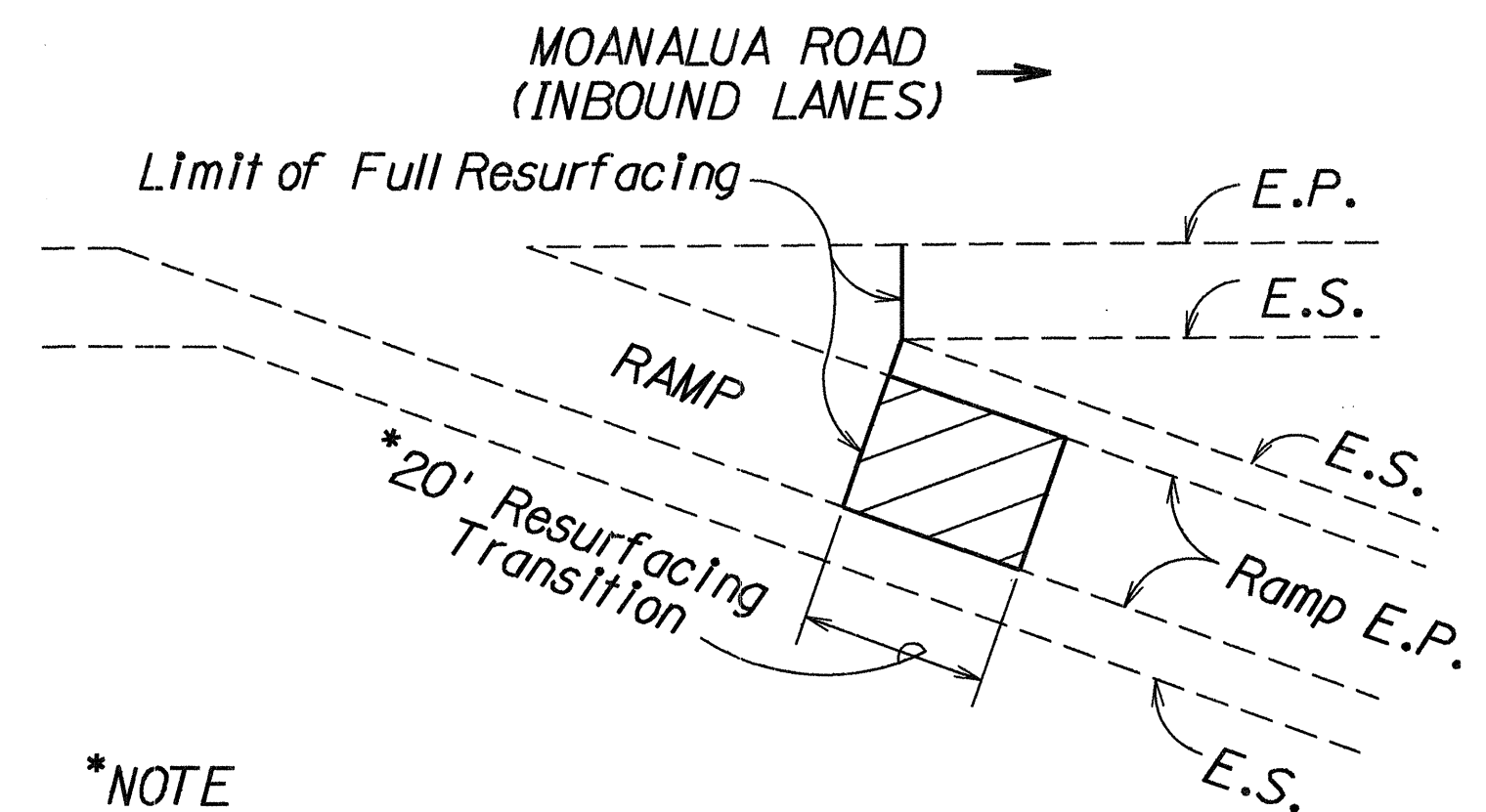
RESURFACING DETAIL AT END OF PROJECT
Not to Scale



TYPICAL DETAIL AT EXISTING CURB
Not to Scale

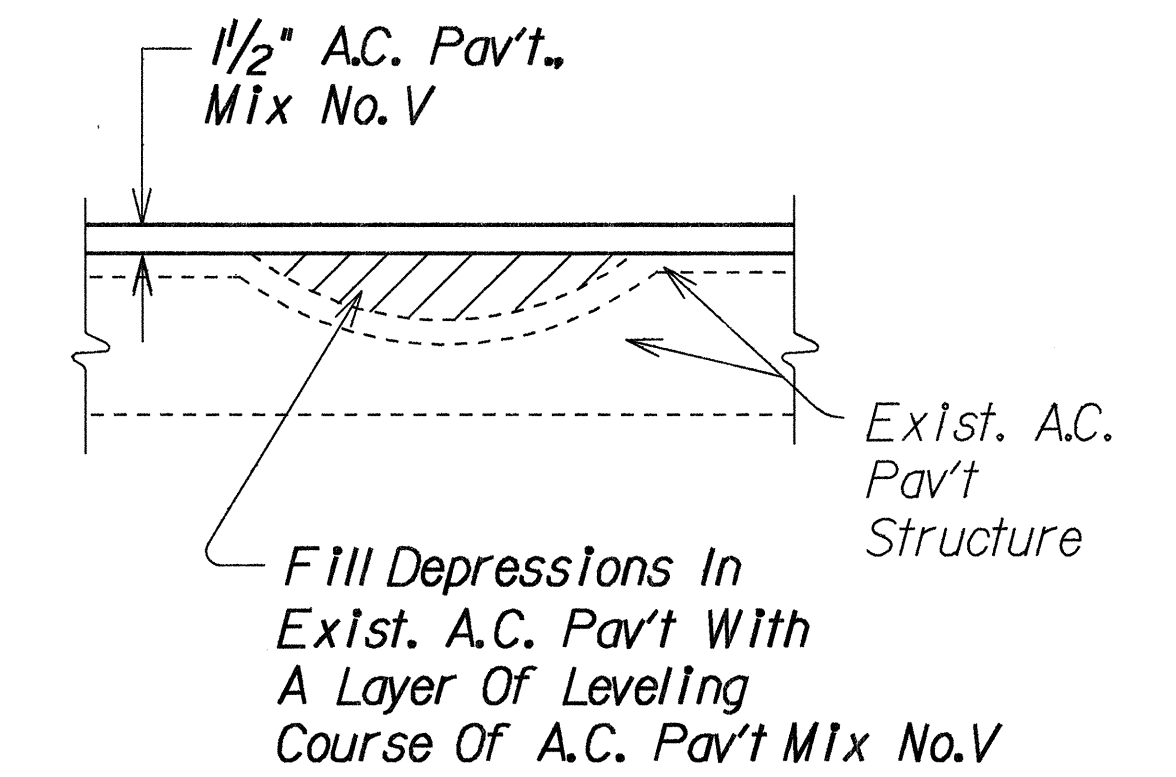


TYPICAL DETAIL AT EXISTING CURB AND GUTTER
Not to Scale

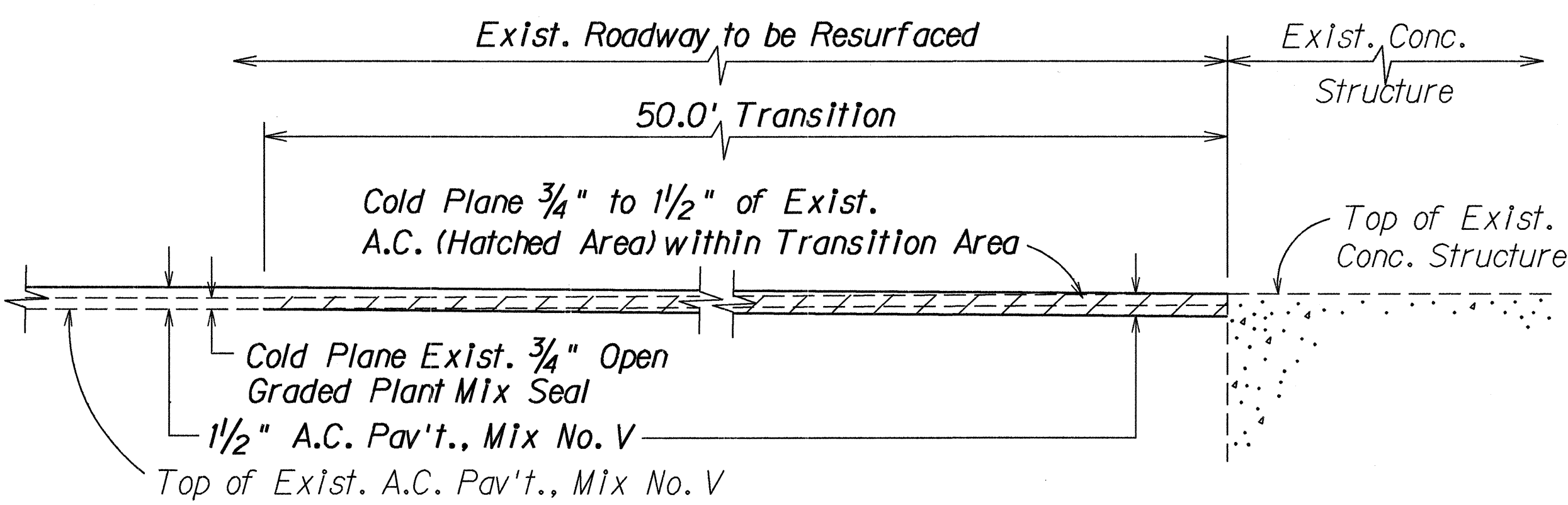


***NOTE**
The resurfacing transition used to end the paving at the existing ramp pavement shall be similar to "Resurfacing Detail at End of Project", as shown on this sheet.

TYPICAL DETAIL-RAMP RESURFACING
Not to Scale



LEVELING COURSE DETAIL
Not to Scale



TYPICAL DETAIL-TRANSITION AT CONCRETE STRUCTURE
Not to Scale

6/11/90	Revised Resurfacing Detail at Sta. 139+00 and added Typical Detail-Ramp Resurfacing
DATE	REVISION

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

MISCELLANEOUS DETAILS

MOANALUA ROAD RESURFACING
Kamehameha Hwy. To Moanalua Stream Bridge (Inbound Lanes)
PROJECT NO. 78A-01-90M

Scale: As Shown Date: April, 1990

SHEET No. 1 OF 1 SHEETS

PAVEMENT MARKING SUMMARY	
DESCRIPTION	QUANTITY
PAVEMENT MARKERS	
TYPE A _____	3,900 Each
TYPE CL _____	1,860 Each
TYPE DL _____	3 Each
TYPE HL _____	500 Each
TYPE J _____	_____
TAPE - TYPE I OR THERMOPLASTIC EXTRUSION	
4-INCH PAVEMENT STRIPE (WHITE) _____	2,200 L.F.
4-INCH PAVEMENT STRIPE (YELLOW) _____	_____
8-INCH PAVEMENT STRIPE (WHITE) _____	5,500 L.F.
12-INCH PAVEMENT STRIPE (WHITE) _____	_____
12-INCH PAVEMENT STRIPE (YELLOW) _____	_____
DOUBLE 4-INCH PAVEMENT STRIPE (WHITE) _____	260 L.F.
DOUBLE 4-INCH PAVEMENT STRIPE (YELLOW) _____	35 L.F.
PAVEMENT ARROW _____	10 Each
PAVEMENT DIAMOND _____	24 Each
TAPE - TYPE II OR THERMOPLASTIC EXTRUSION	
4-INCH PAVEMENT STRIPE (WHITE) _____	18,500 L.F.
4-INCH PAVEMENT STRIPE (YELLOW) _____	19,100 L.F.
8-INCH PAVEMENT STRIPE (WHITE) _____	3,200 L.F.
12-INCH PAVEMENT STRIPE (WHITE) _____	1,000 L.F.
12-INCH PAVEMENT STRIPE (YELLOW) _____	320 L.F.
THERMOPLASTIC EXTRUSION	
4-INCH PAVEMENT STRIPE (WHITE) _____	750 L.F.
8-INCH PAVEMENT STRIPE (WHITE) _____	_____
12-INCH PAVEMENT STRIPE (WHITE) _____	90 L.F.
CROSSWALK MARKINGS _____	6 Lane

CONSTRUCTION SIGN SUMMARY				
SIGN NO.	LOCATION	MESSAGE	W/POST	W/O POST
CW20-1d	Structure No. 2 Sta. 109+20± Rt.	ROAD CONSTRUCTION AHEAD	1	
CW20-1d	Aiea Access Road Loop Sta. 5+30± Rt.	ROAD CONSTRUCTION AHEAD	1	
CW20-1d	Southeast Ramp Sta. 13+00± Rt.	ROAD CONSTRUCTION AHEAD	1	
CW20-1d	Ramp B Sta. 19+50± Rt.	ROAD CONSTRUCTION AHEAD	1	
CW20-1d	Ramp H Sta. 12+50± Rt.	ROAD CONSTRUCTION AHEAD	1	
CW20-1d	Ramp L Sta. 16+00± Rt.	ROAD CONSTRUCTION AHEAD	1	
CW20-1d	Ramp P Sta. 28+00± Rt. & Lt.	ROAD CONSTRUCTION AHEAD	2	
CW20-1d	Ramp ML-I Sta. 4+40± Rt.	ROAD CONSTRUCTION AHEAD	1	
CG20-2	Moanalua Rd I.B. Sta. 317+00± Rt.	END CONSTRUCTION	1	
TOTAL			10	

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