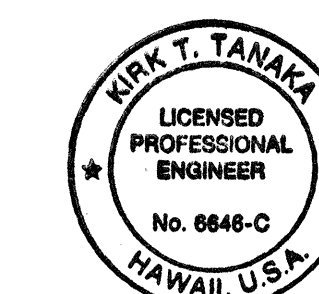
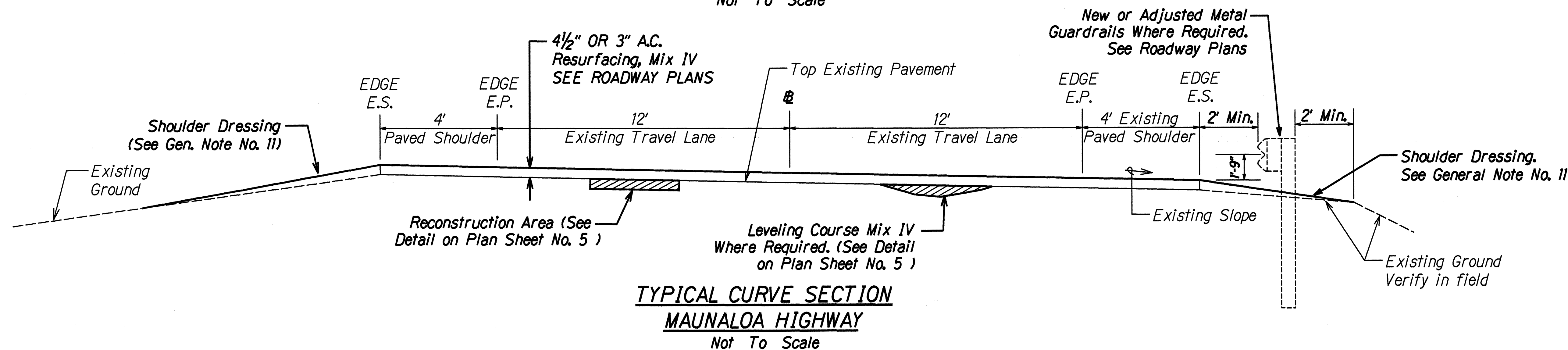
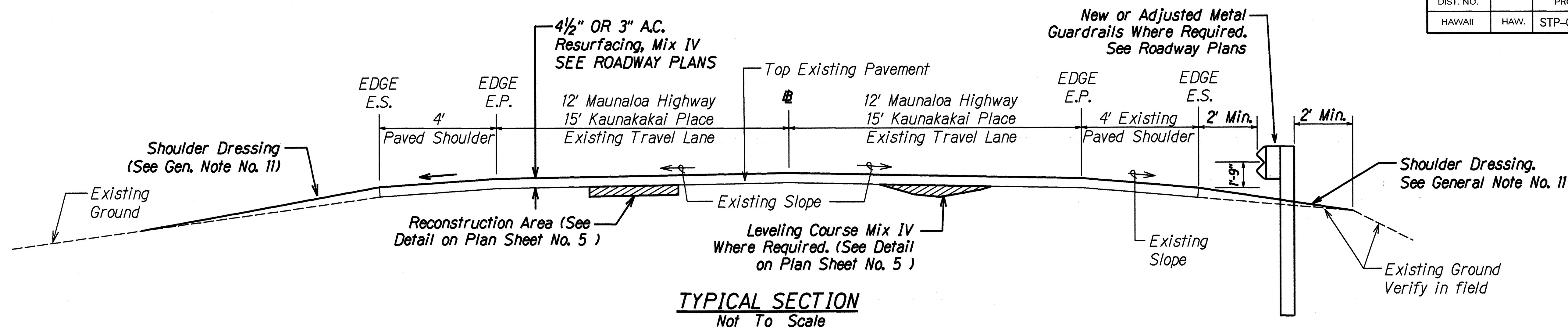
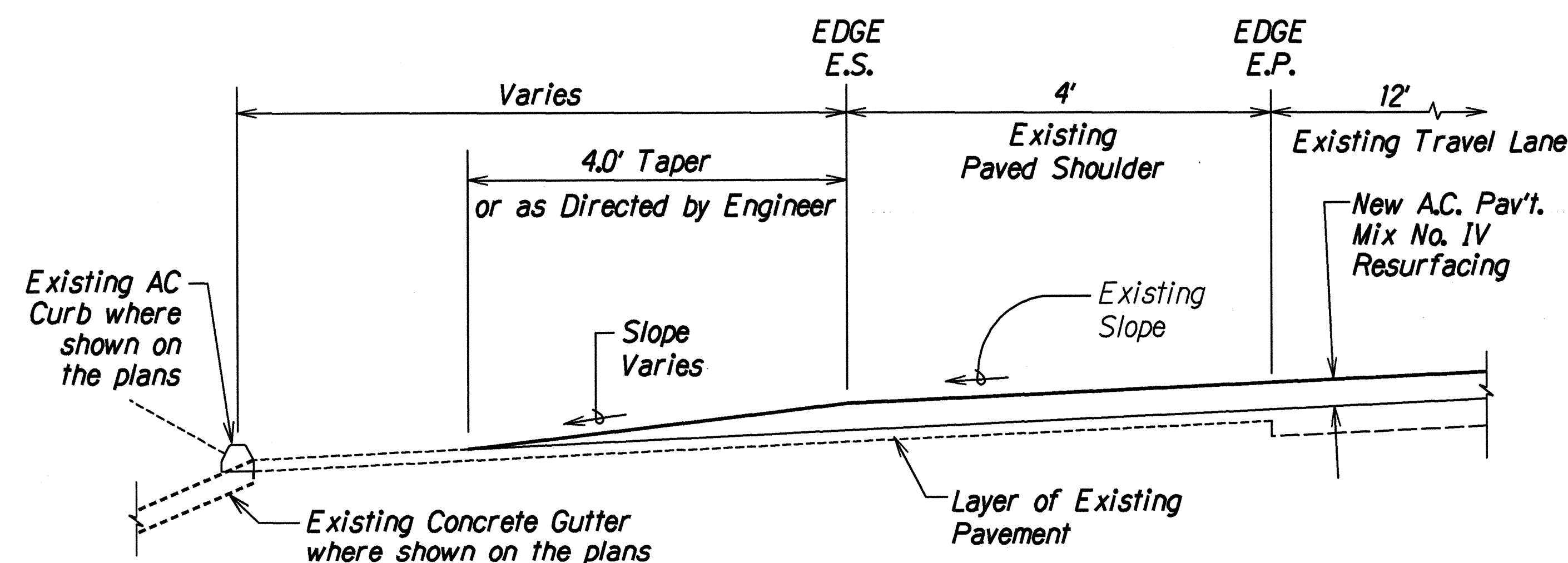


FED. ROAD DIST. NO.	STATE	FEDERAL AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	STP-0460 (11)	1996	4	39



THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION
R. T. Tanaka
R. T. TANAKA ENGINEERS, INC.
 CIVIL ENGINEERING - LAND SURVEYING



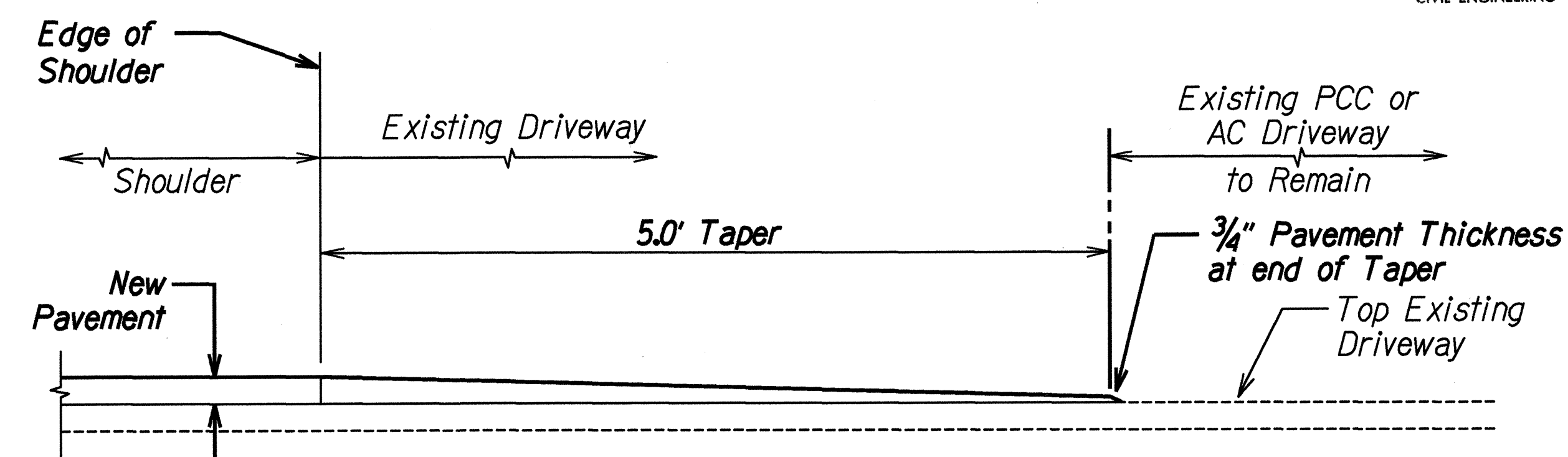
TYPICAL HALF SECTION @ WIDE PAVED SHOULDER

EXISTING AC CURB LOCATIONS

F.A.P. No. 19-D SECTION
 @ STA. 100+35 ± TO STA. 112+70 ± Lt.
 @ STA. 100+20 ± TO STA. 111+65 ± Rt.
 F.A.P. No. F-046(1) SECTION
 @ STA. 196+90 ± TO STA. 197+90 ± Lt.

EXISTING CONCRETE GUTTER LOCATIONS

F.A.P. No. 19-D SECTION
 @ STA. 88+95 ± TO STA. 100+35 ± Lt.
 @ STA. 88+95 ± TO STA. 100+20 ± Rt.
 F.A.P. No. F-046(1) SECTION
 @ STA. 190+00 ± TO STA. 195+45 ± Lt.
 @ STA. 156+75 ± TO STA. 170+00 ± Rt.



TYPICAL DETAIL AT PCC/AC DRIVEWAY CONNECTION

PAVEMENT SCHEDULE

4 1/2" A.C. RESURFACING: @ STA. 0+00 U.S.P.W. PROJECT No. NRH 13-A TO @ STA. 181+00 F.A.P. No. F-046(1)
 4 1/2" TO 3" A.C. TRANSITION: @ STA. 181+00 TO @ STA. 180+50
 3" A.C. RESURFACING: @ STA. 180+50 TO @ STA. 124+00 F.A.P. No. F-046 (1)

STATE OF HAWAII
 DEPARTMENT OF TRANSPORTATION
 HIGHWAYS DIVISION
TYPICAL SECTIONS AND DETAILS

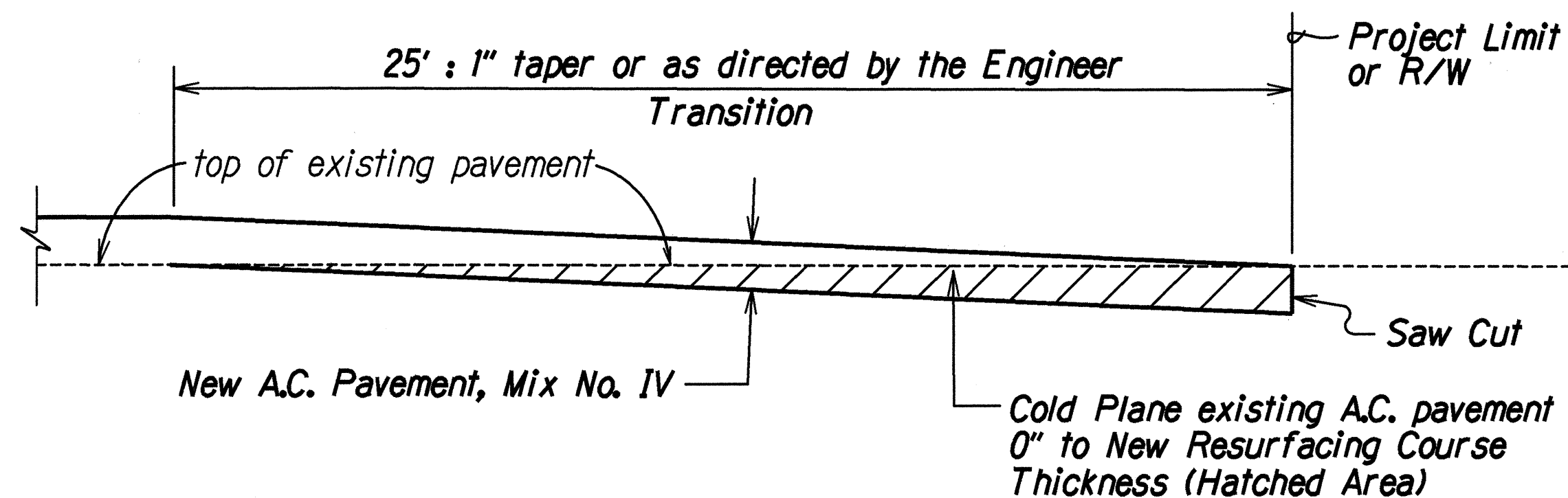
**MAUNALO A HIGHWAY RESURFACING
 KAUNAKAKAI WHARF TO HOOLEHUA**
 Various Locations

FEDERAL AID PROJECT NO. STP-0460 (11)
 Scale: 1" = 40'

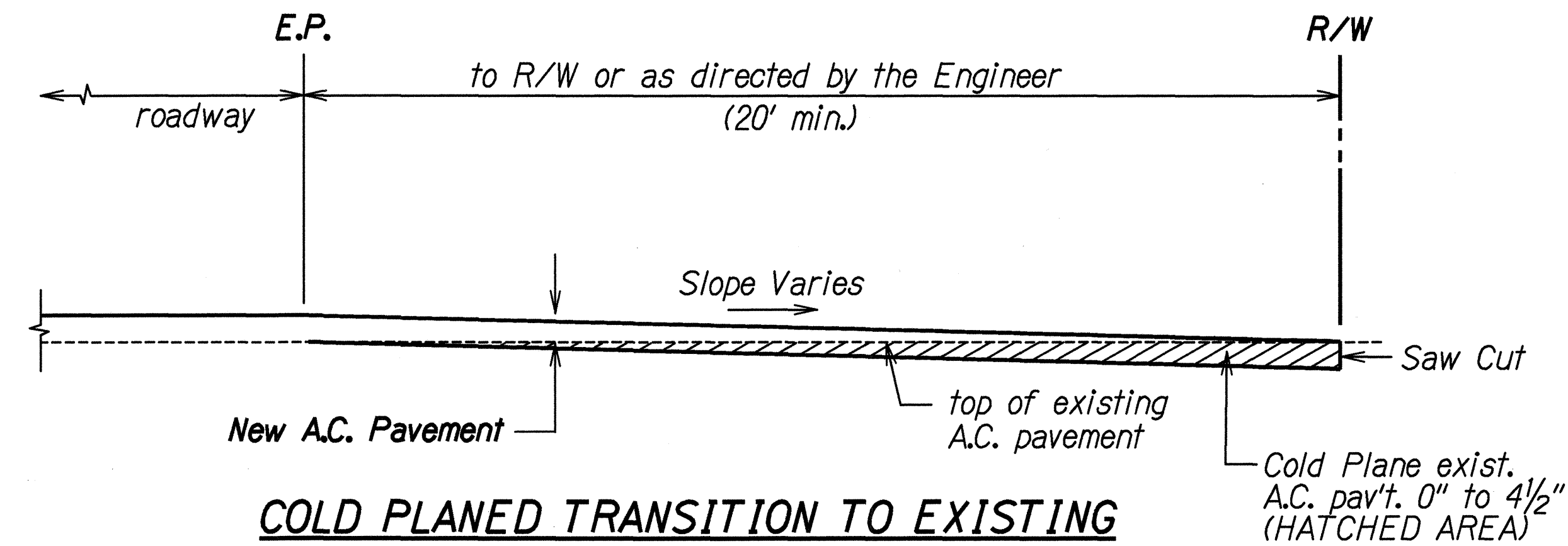
Date: MAY, 1996

SHEET No. 1 OF 2 SHEETS

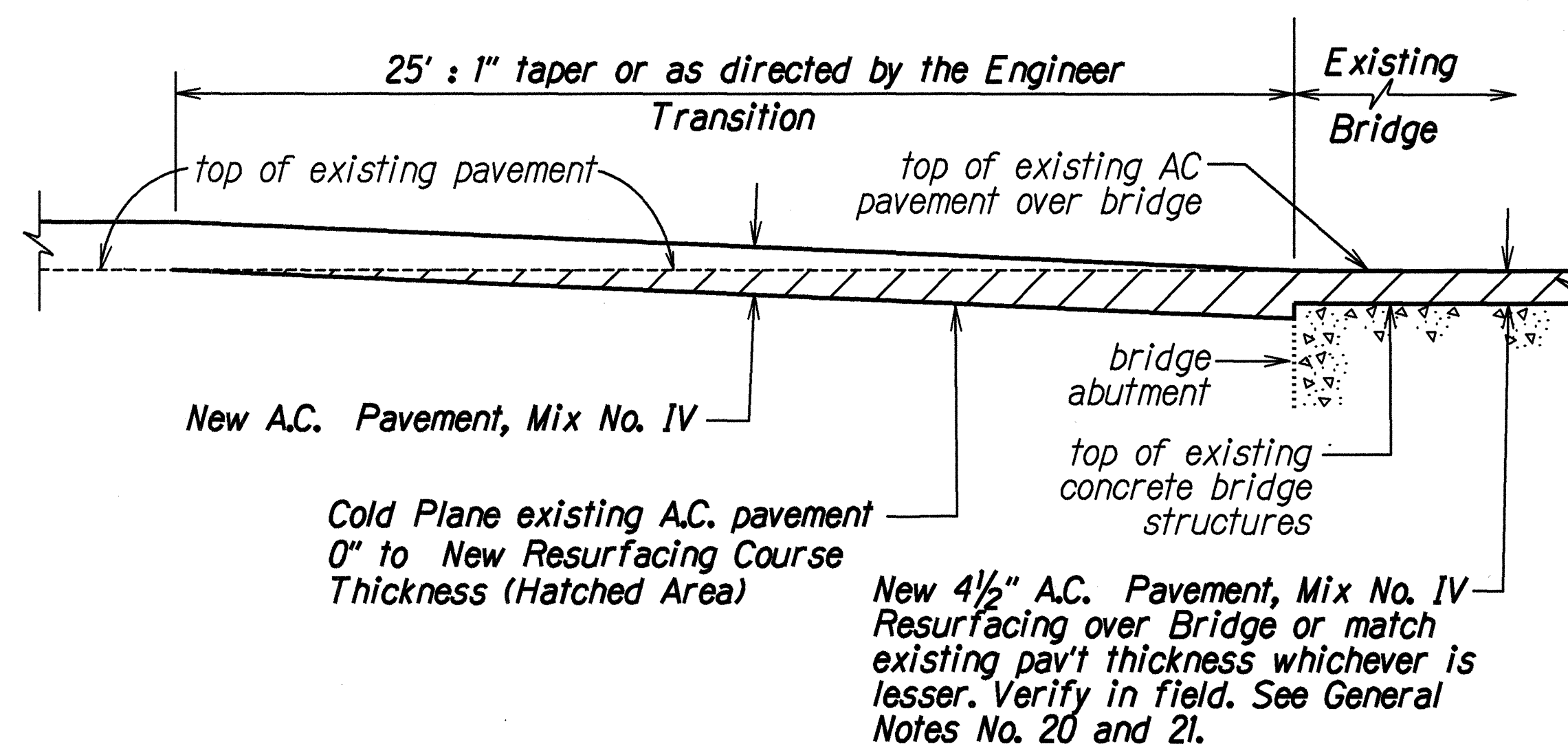
FED. ROAD DIST. NO.	STATE	FEDERAL AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	STP-0460 (11)	1996	5	39



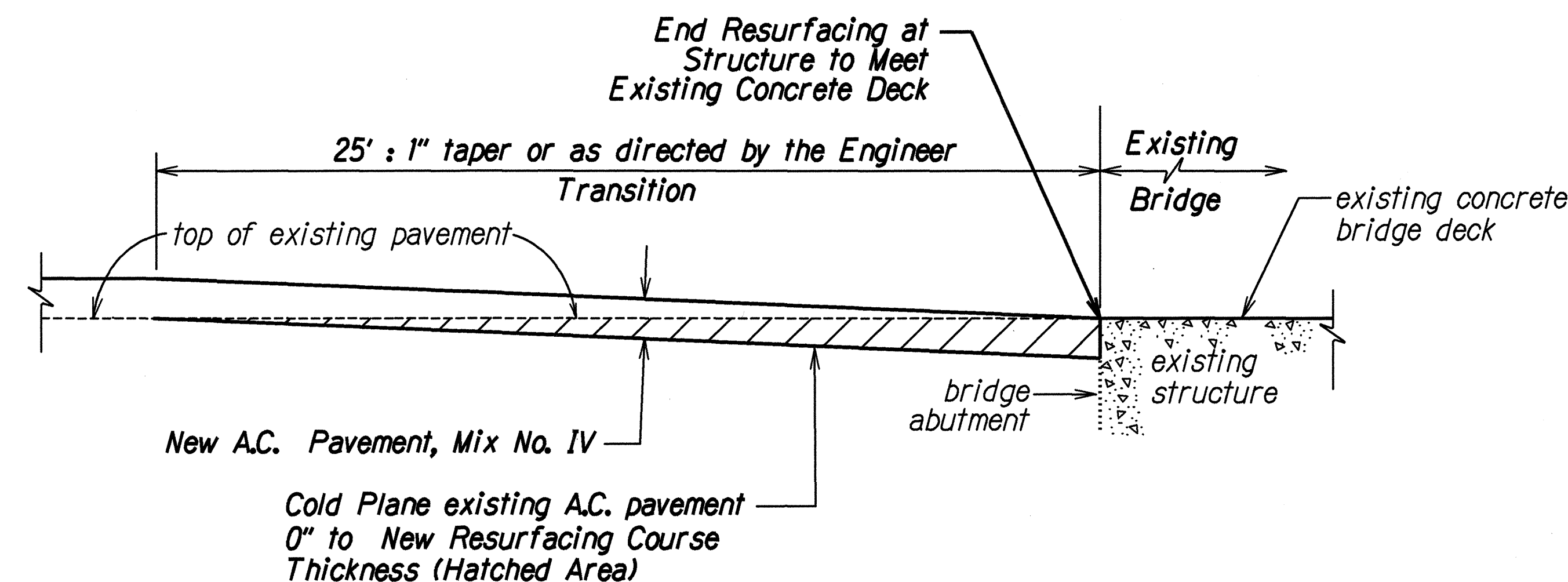
**COLD PLANED TRANSITION TO EXISTING A.C. PAVEMENT DETAIL
BEGIN AND END OF PROJECT**
Not To Scale



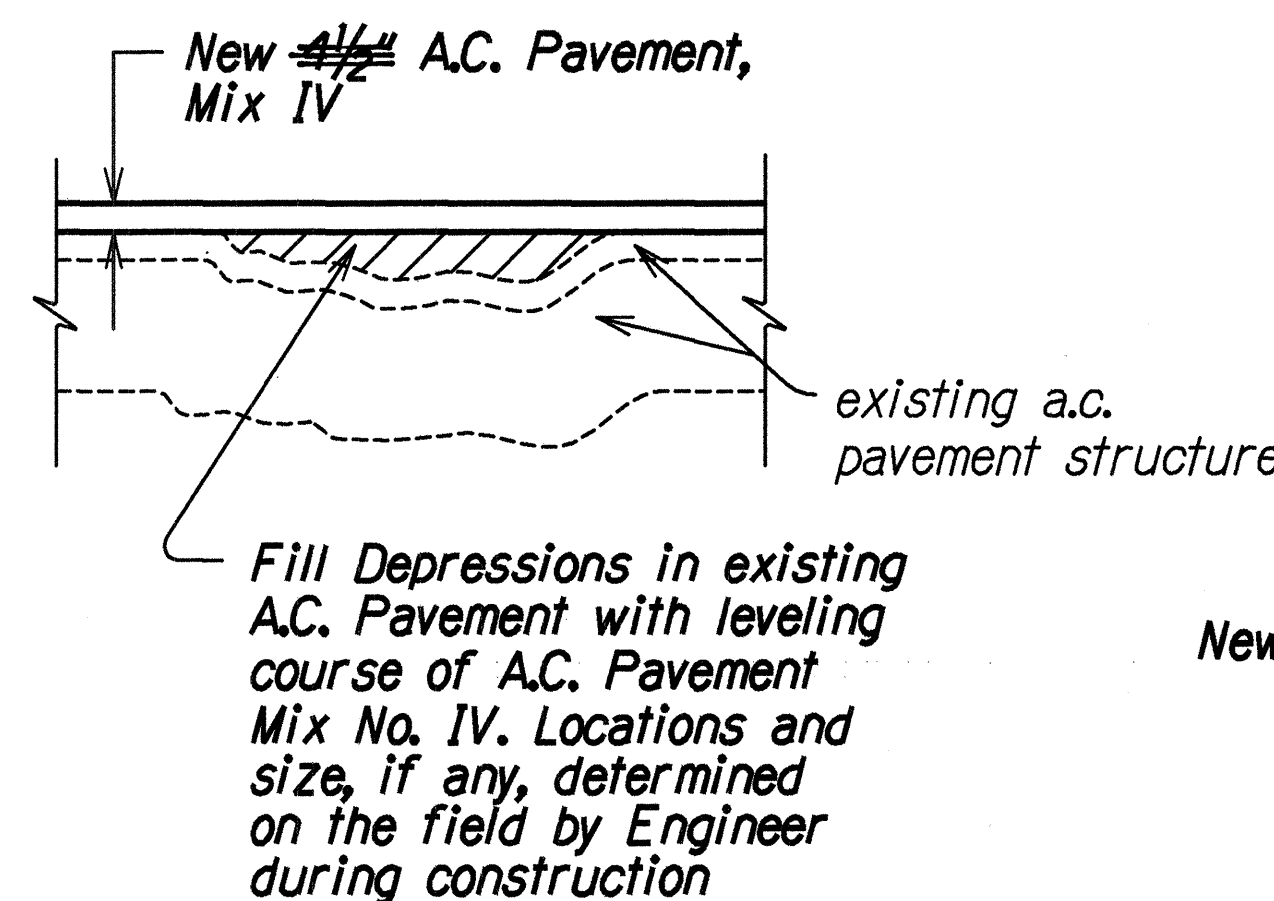
**COLD PLANED TRANSITION TO EXISTING
PAVED SIDE ROAD DETAIL**
Not To Scale



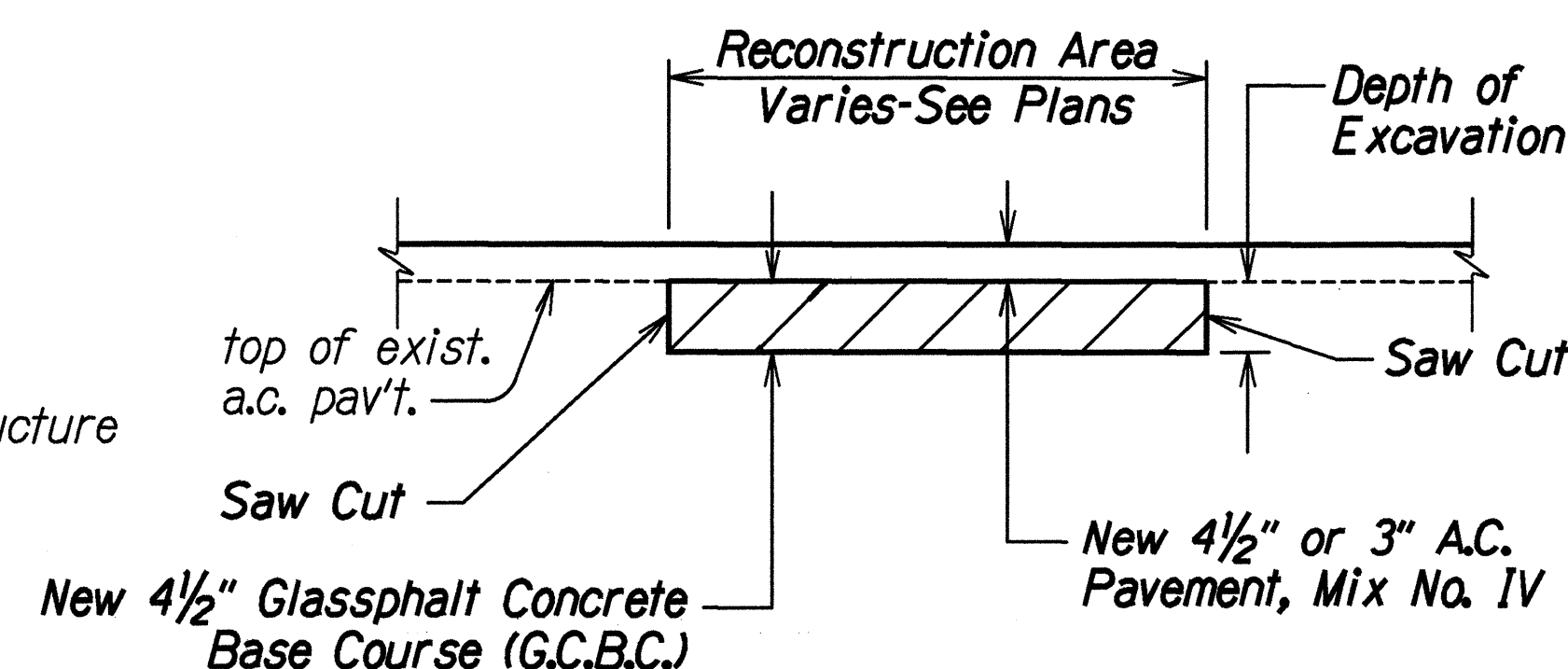
**COLD PLANED TRANSITION AND RESURFACING
AT KALAMAULA BRIDGES 1, 2, 3 and 4**
Not To Scale



**COLD PLANED TRANSITION
AT MANAWAINUI BRIDGE**
Not To Scale

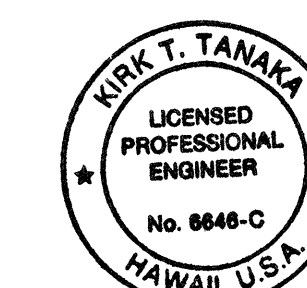


LEVELING COURSE DETAIL
Not To Scale



A.C. PAVEMENT RECONSTRUCTION DETAIL
Not To Scale

NOTE: LOCATION OF RECONSTRUCTION OF WEAKENED AREAS AS SHOWN ON THESE PLANS ARE APPROXIMATE ONLY. FINAL LOCATION AND SIZE WILL BE DETERMINED IN THE FIELD BY THE ENGINEER.



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STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION
**TYPICAL SECTIONS
AND DETAILS**
MAUNALO A HIGHWAY RESURFACING
KAUNAKAKAI WHARF TO HOOLEHUA
Various Locations
FEDERAL AID PROJECT NO. STP-0460 (11)
Scale: 1" = 40'
Date: MAY, 1996
SHEET No. 2 OF 2 SHEETS

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