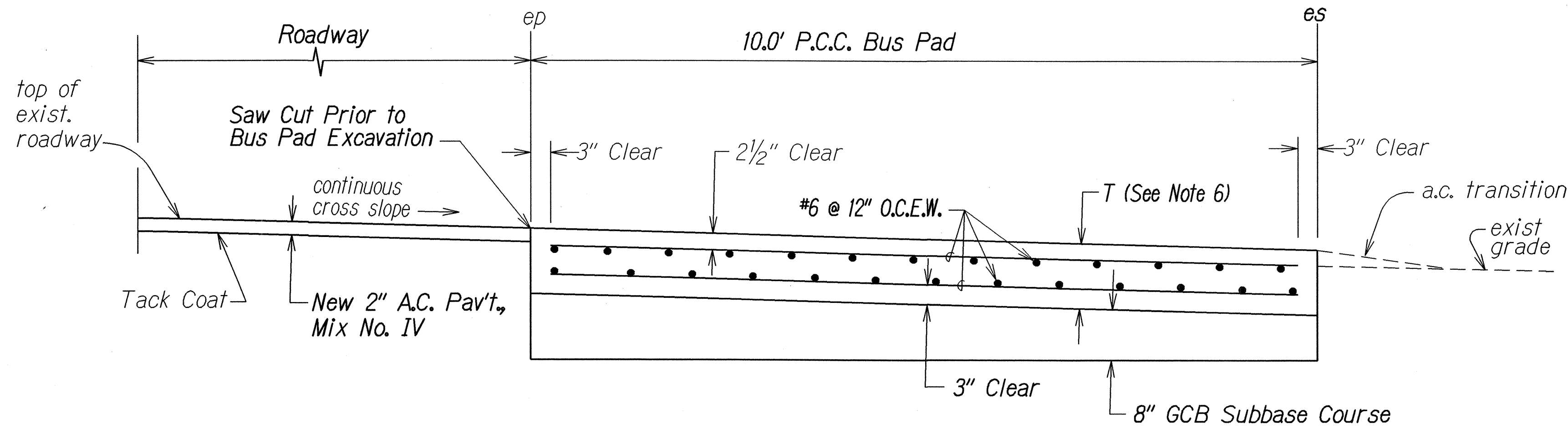
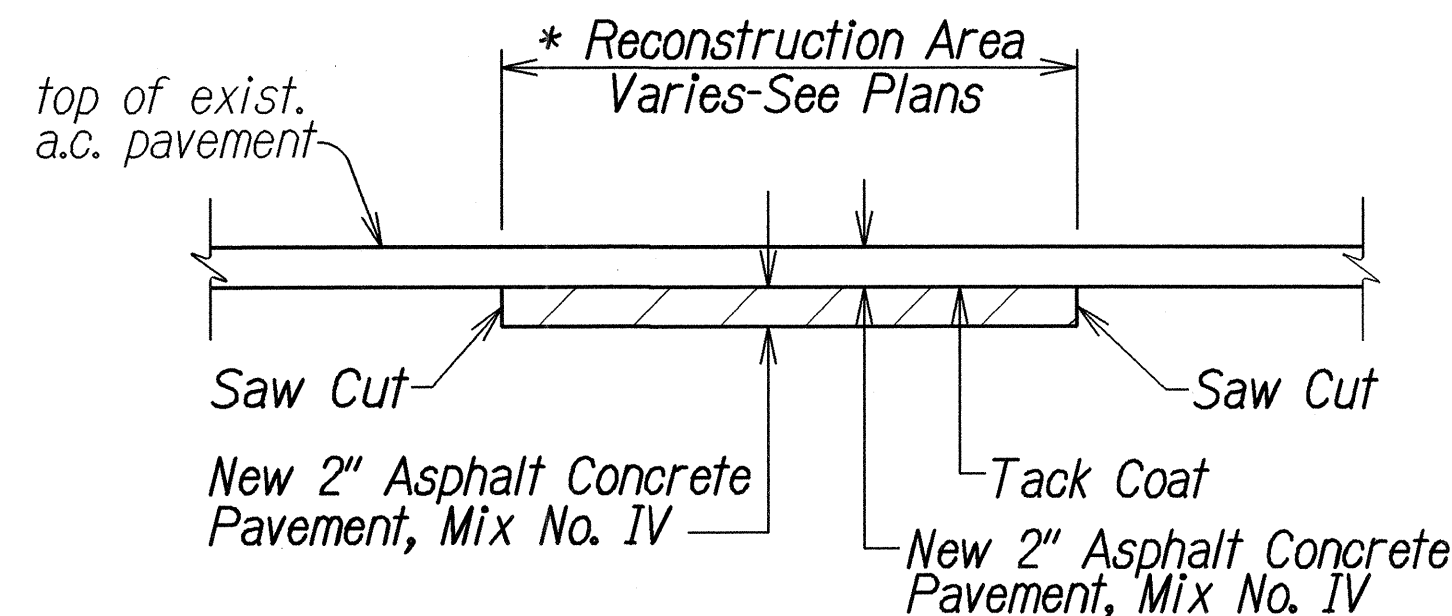


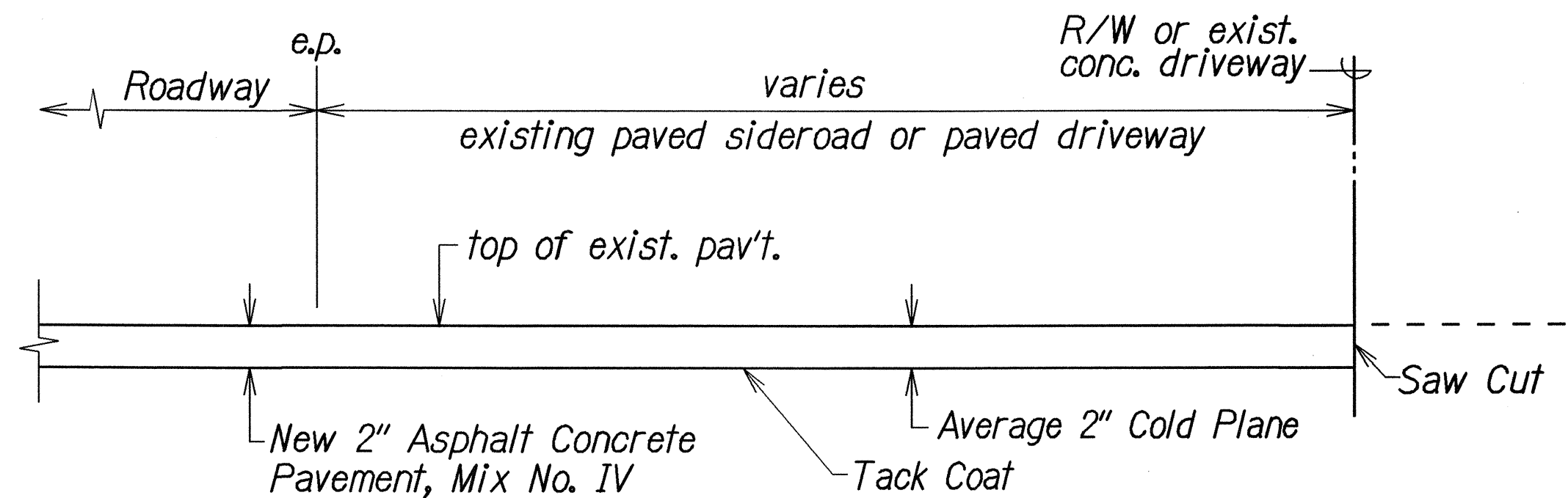
FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	93B-01-03M	2007	7	18



P.C.C. BUS PAD PAVEMENT DETAIL
± STA. 125+42± TO ± STA. 126+12±, LT.
± STA. 156+40± TO ± STA. 157+10±, LT.
 Not to Scale



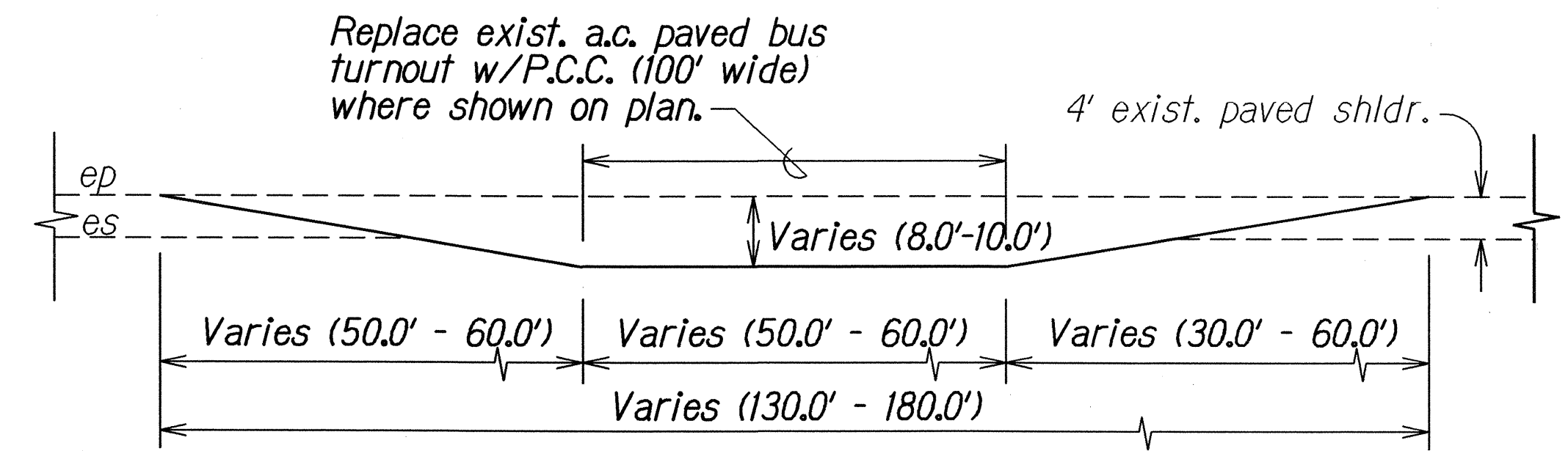
* For Reconstruction Area Location, See Roadway Plans
A.C. PAVEMENT RECONSTRUCTION DETAIL
FOR TRAVEL LANE
 Not to Scale



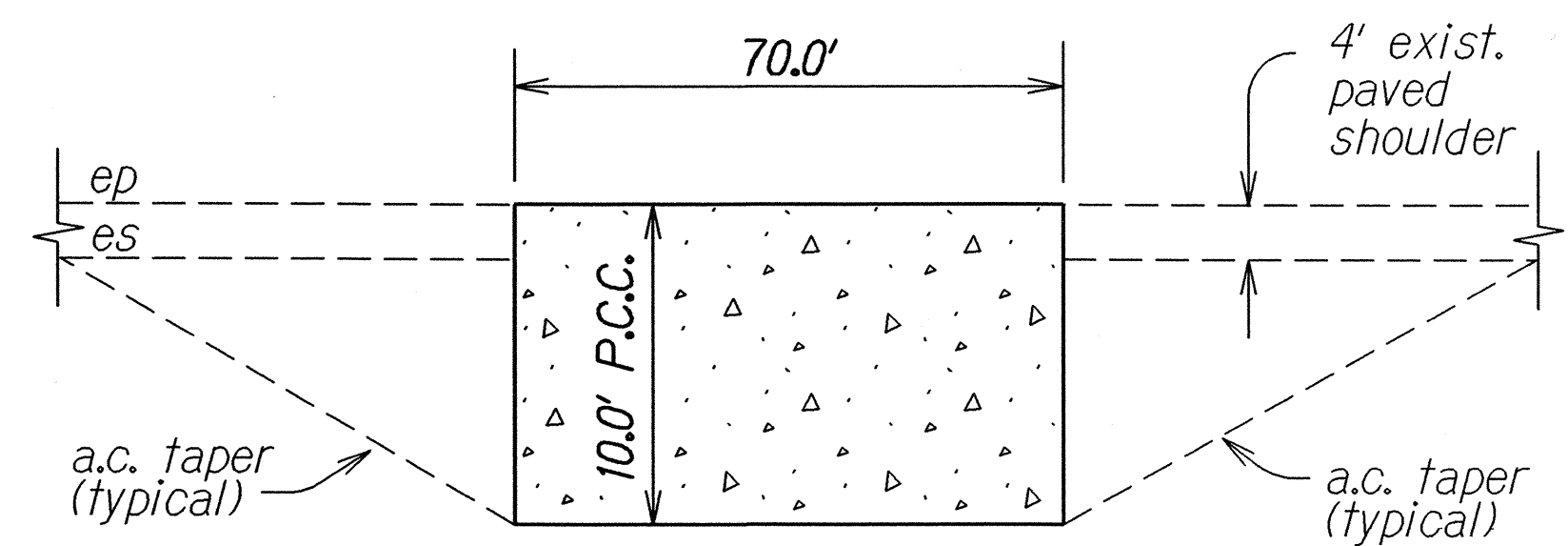
A.C. RESURFACING AT PAVED SIDEROAD
OR PAVED DRIVEWAY DETAIL
 Not to Scale

Notes:

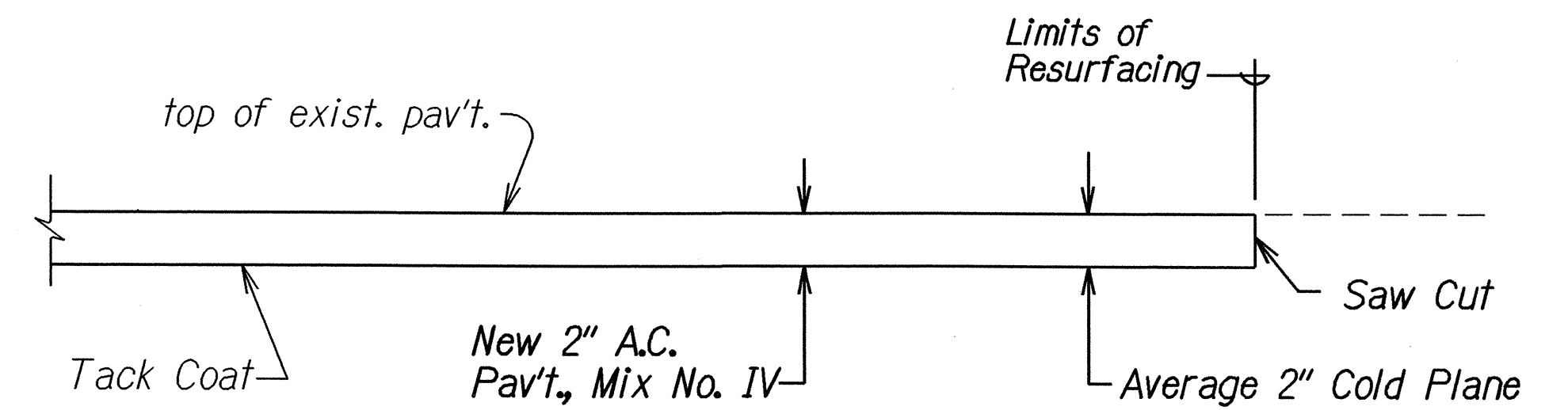
1. Provide a constant grade on the New P.C.C. Bus Pad and match existing A.C. Pavement to The New Bus Pad within the Transition Area.
2. Provide continuously reinforced Bus Pad without transverse joints. Both ends of the Bus Pad shall match the existing joints of the adjacent P.C.C. pavement.
3. Epoxy coated reinforcement shall conform to AASHTO M 284, (ASTM 775)
4. Concrete shall attain a minimum 14-day flexural strength, $f_r=650$ psi.
5. $T=11$ inches for bus pads on stiff clays.
6. $T=10$ inches for bus pads on sands and gravels.
7. Design is based on the following assumptions:
 - a. Concrete modulus of rupture = 650 psi
 - b. Design life = 50 years
 - c. For stiff clays, subgrade modulus = 100 to 200 psi
 - d. For sands and gravels, subgrade modulus = 200 to 400 psi
 - e. ADTT between 500 and 2000
 - f. 90% 2-axle, 10% 3-axle
 - g. Aggregate interlock joints
 - h. No concrete shoulder



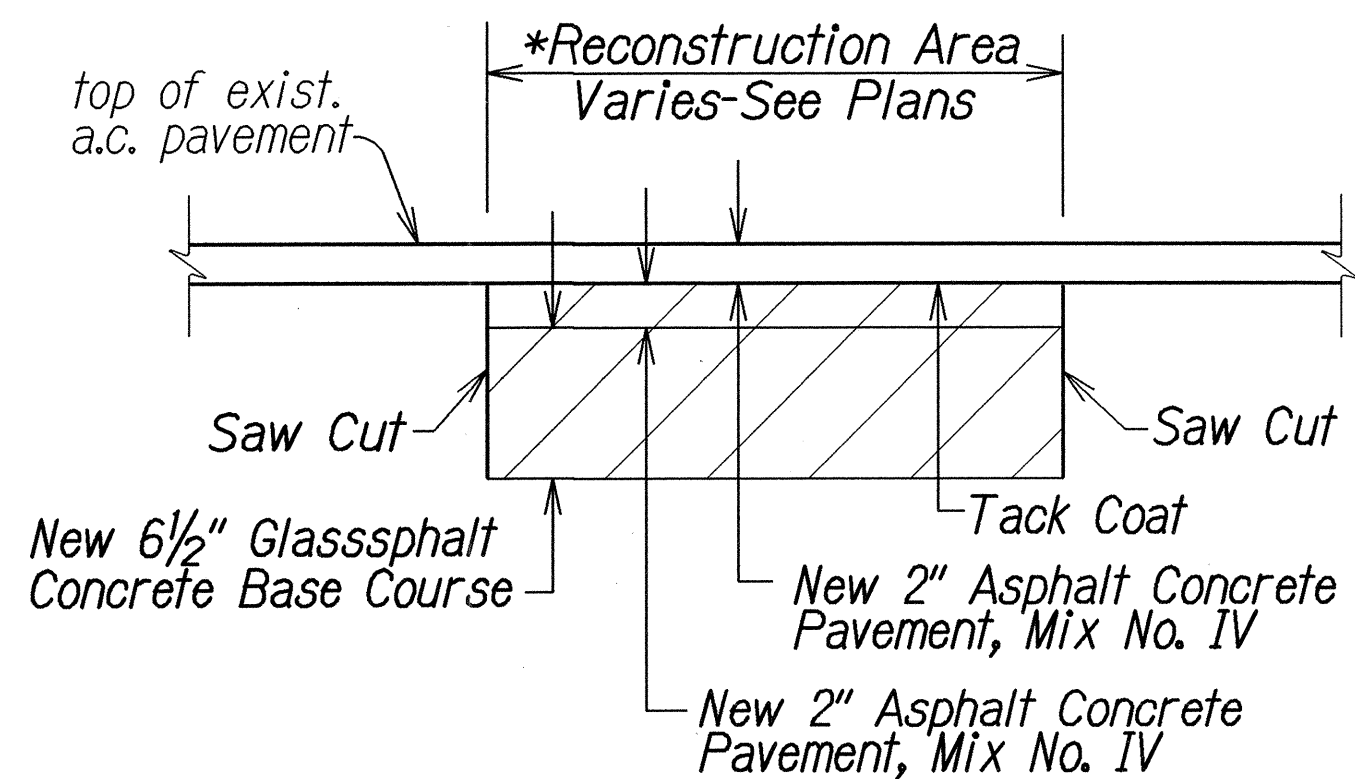
BUS TURNOUT DETAIL
 Not to Scale



BUS PAD DETAIL
FOR NEW RECONSTRUCTED P.C.C. BUS PAD
± STA. 125+42± TO ± STA. 126+12±, LT.
± STA. 156+40± TO ± STA. 157+10±, LT.
 Not to Scale



TRANSITION TO EXISTING A.C. PAVEMENT
BEGIN AND END PROJECT
 Not to Scale



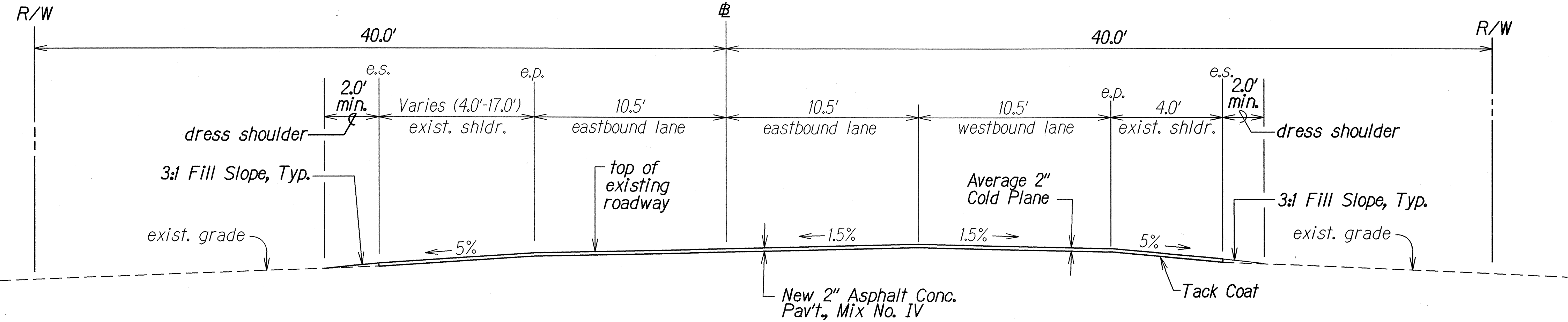
* For Reconstruction Area Location, See Roadway Plans
A.C. PAVEMENT RECONSTRUCTION DETAIL
FOR SHOULDER AREA
 Not to Scale

ORIGINAL PLAN	DATE	3/27/03
SURVEY PLOTTED BY		
DRAWN BY		
TRACED BY		
NOTED BY		
QUANTITIES BY		
CHECKED BY		

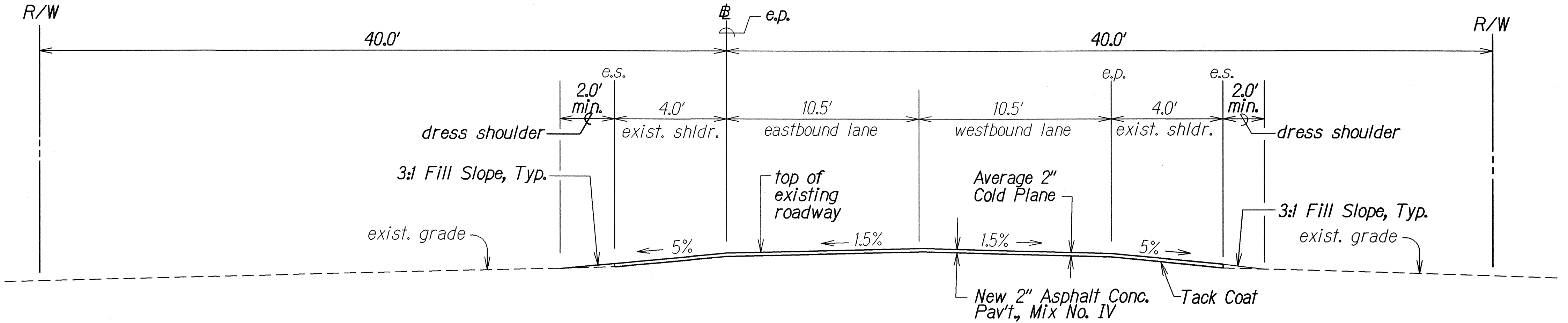
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

TYPICAL SECTION AND DETAILS
FARRINGTON HIGHWAY RESURFACING
ORANGE STREET TO KILI DRIVE
PROJECT NO. 93B-01-03M
Scale: As Shown Date: April, 2005
SHEET No. 1 OF 2 SHEETS

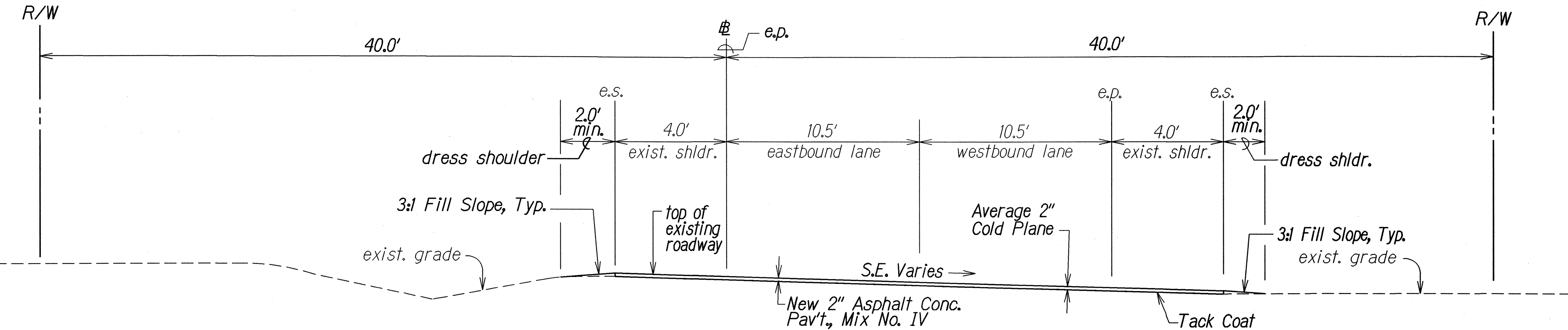
FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	93B-01-03M	2007	8	18



TYPICAL SECTION
STA. 107+85.00 TO STA. 112+46.00
 Not to scale



TYPICAL SECTION ON TANGENT
 Not to scale



TYPICAL SECTION ON CURVE
 Not to scale

ORIGINAL PLAN	DATE	7/29/05
SURVEY PLOTTED BY		
DRAWN BY		
CHECKED BY		
NOTED BY		
QUANTITIES BY		
CHECKED BY		

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

TYPICAL SECTION AND DETAILS

FARRINGTON HIGHWAY RESURFACING
ORANGE STREET TO KILI DRIVE
PROJECT NO. 93B-01-03M

Scale: As Shown Date: April, 2005

SHEET No. 2 OF 2 SHEETS