

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	3400AB-02-90	1990	5	15

MATERIAL LIST

ITEM NO.	DESCRIPTION
1	LUMINAIRE (TYPE AS REQ'D. ON PLANS) & BRACKET (AS REQ'D.) WITH PHOTO-ELECTRIC CONTROL (AS REQ'D.)
2	CONDUIT, 3/4" PVC SCHEDULE 80 & STRAPS.
3	IN LINE FUSE HOLDER W/10A FUSE.
4	WIRE, #10 AWG STRANDED COPPER, TYPE RHW BLACK.
5	WIRE, #10 AWG STRANDED COPPER, TYPE RHW WHITE.
6	IN LINE UNFUSED, INSULATED SEPARABLE CONNECTOR.
7	WIRE #8 AWG 7-STRAND ALUMINUM, TYPE RHW.
8	THIMBLE CLEVIS, ALUM. ALLOY W/ ALUM. ALLOY EYELET.
9	WIRES, 2-#1/0 CROSS-LINKED POLYETHYLENE ALUM. W/ #3/0 AAAC NEUTRAL MESSENGER.
10	PERFORMED GUY GRIP
11	GUY WIRE, 3/8" EHS, GALV.
12	ANCHOR GUY HOOK W/ 3/4" Φ THRU BOLT & 2 1/4" SQ. WASHER.
13	MESSENGER HANGER, CAST ALUM. W/ 5/8" Φ ALUM. ALLOY THRU BOLT & 2 1/4" ALUM. ALLOY SQ. WASHER.
14	ALUM. SHEET WRAP (AROUND MESSENGER)
15	5/8" Φ ALUM. ALLOY THRU BOLT W/ 2 1/2" SQ. ALUM. ALLOY CURVED WASHER (LENGTH AS REQ'D.)
16	ALUM. ALLOY SUSPENSION CLAMPS W/ LINE GUARD & ALUM. ALLOY EYELET.
17	ALUM. ALLOY PERFORMED DEADEND.
18	ANCHOR ROD 1" Φ x 8'-0" COPPER CLAD.
19	CONCRETE DEADMAN 1'-6" Φ W/ GALV. SQ. WASHER.
20	GUY WIRE GUARD, GALV.
21	INSULATOR, PORCELAIN.
22	LAG SCREW (SIZE AS REQ'D.)
23	5/8" Φ GALV. THRU BOLT W/ 2 1/2" SQ. GALV. WASHER (LENGTH AS REQ'D.)
24	DEADEND SPOOL & FORK
25	ALUM. COMPRESSION TAP CONDUCTOR, #1/0 ALUM.
26	ALUM. COMPRESSION TAP CONDUCTOR, #3/0 ALUM.

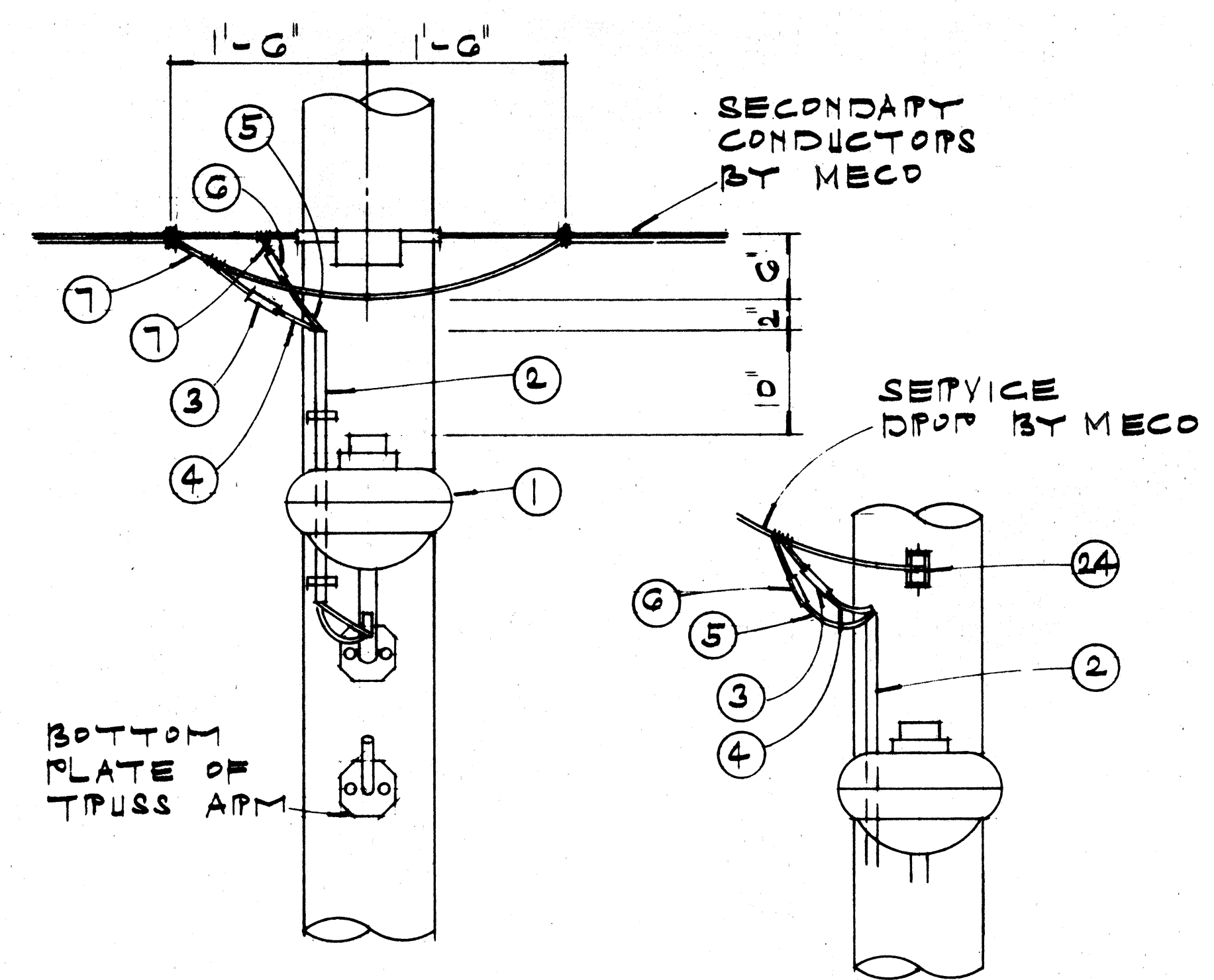
NOTE:
ALL HARDWARE, UNLESS INDICATED AS ALUM. OR ALUM. ALLOY, SHALL BE HOT DIPPED GALV. STEEL.

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

TYPICAL DETAILS
HIGHWAY LIGHTING
LUMINAIRE MOUNTED
ON WOOD POLE

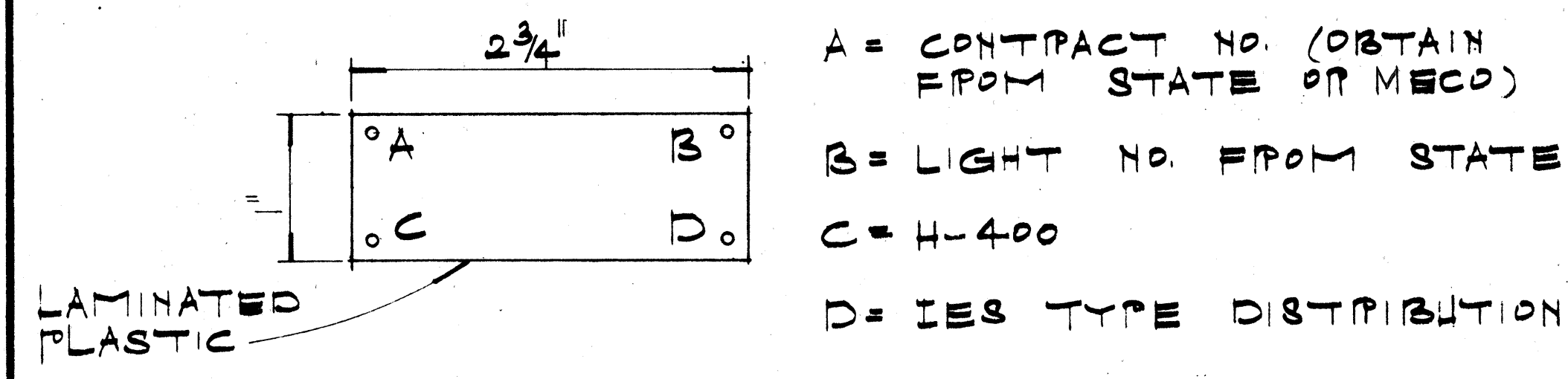
NOT TO SCALE
DATE: APR, 1990

SHEET NO. 1 OF 2 SHEETS



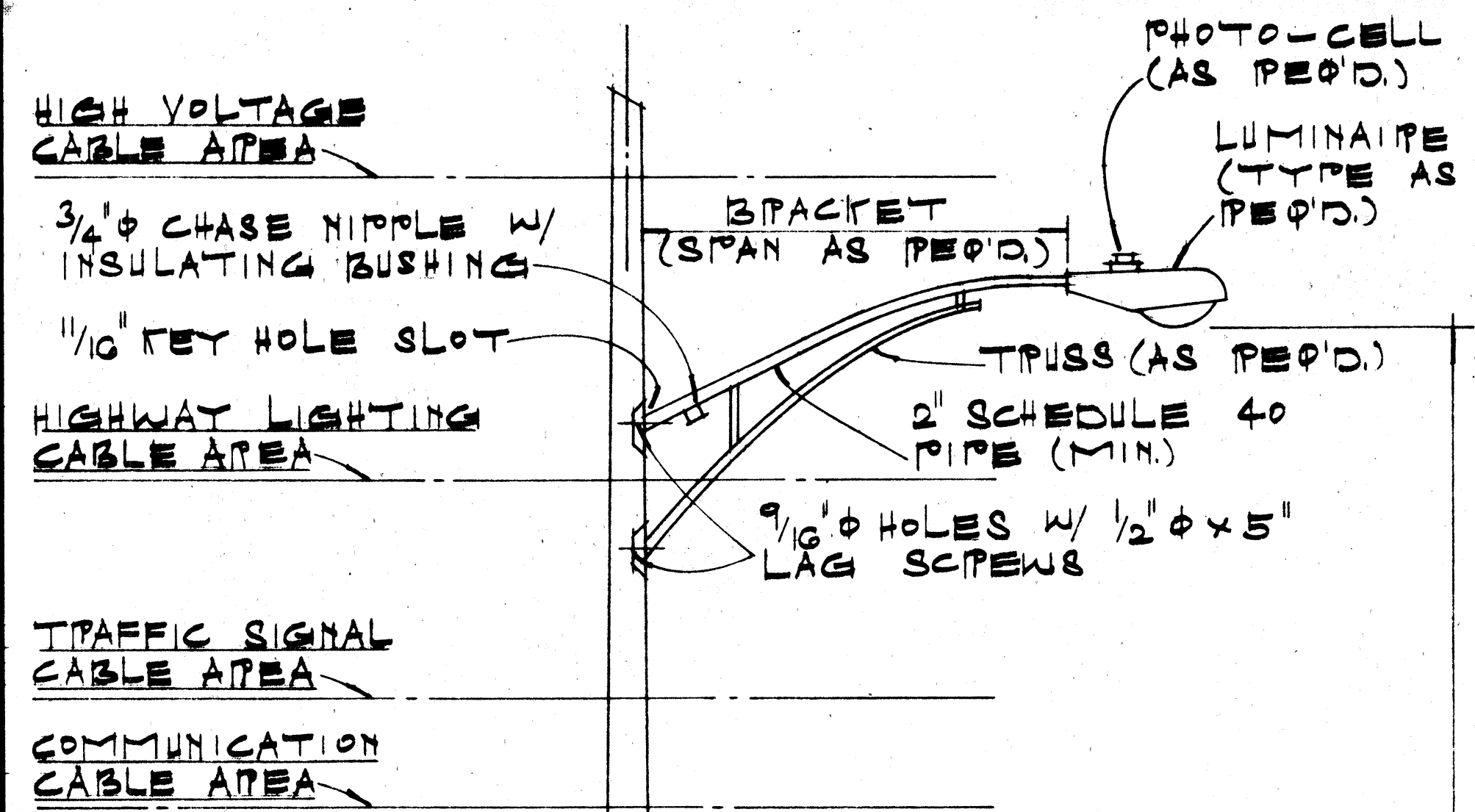
NOTE:
PROVIDE ENOUGH CABLE SLACK FOR MECO TO TAKE UP & MAKE CONNECTION.

MECO SECONDARY CONNECTION DETAIL

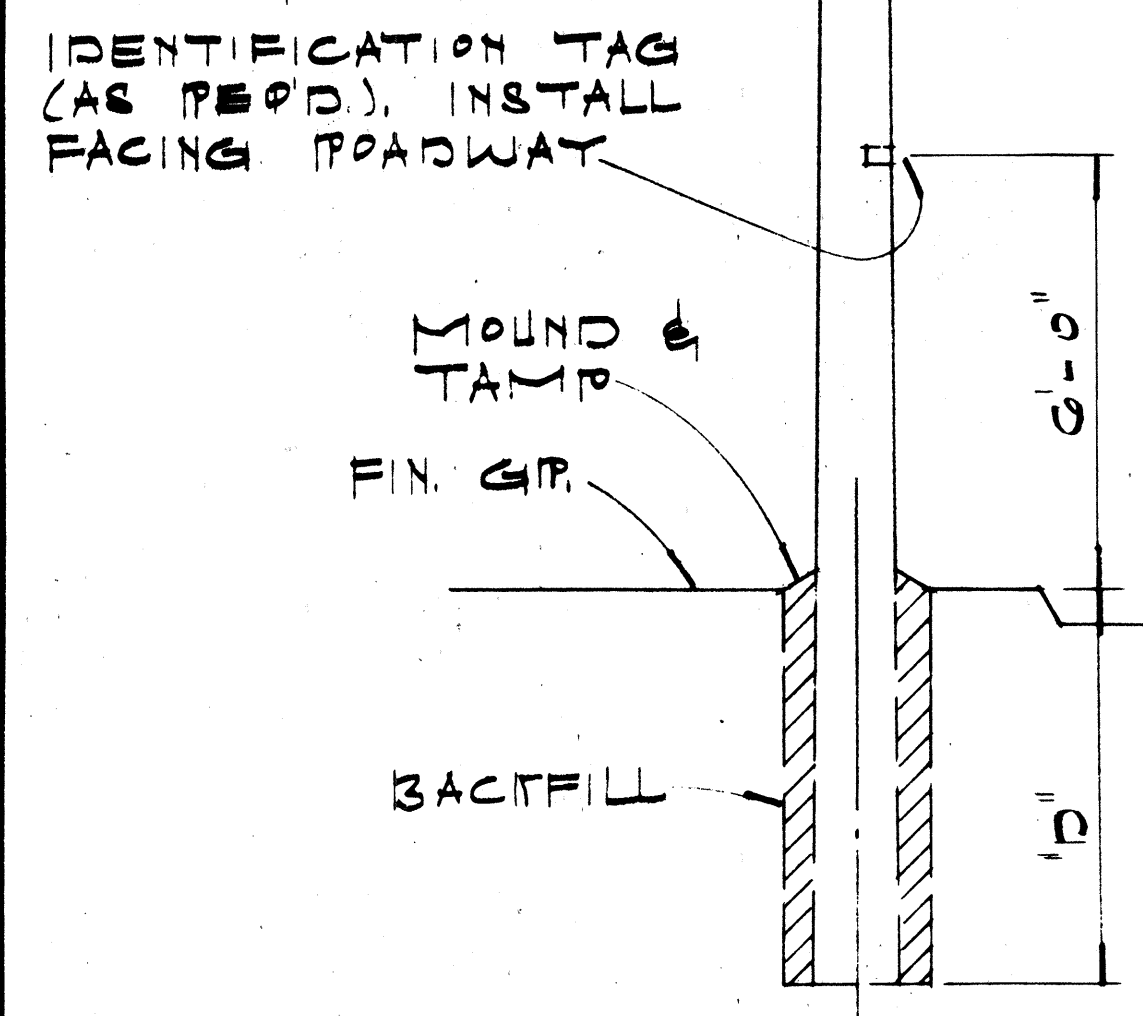


IDENTIFICATION TAG

- NOTE:
- PROVIDE IDENTIFICATION TAG ON ALL POLES UNLESS OTHERWISE SPECIFIED.
 - HIGHWAY LIGHT NUMBERS ON PLANS MAY NOT CORRESPOND W/ NUMBERS ON IDENTIFICATION TAGS. VERIFY LIGHT NUMBERS W/ STATE OF HAWAII.



30'-0" ABOVE ROADWAY

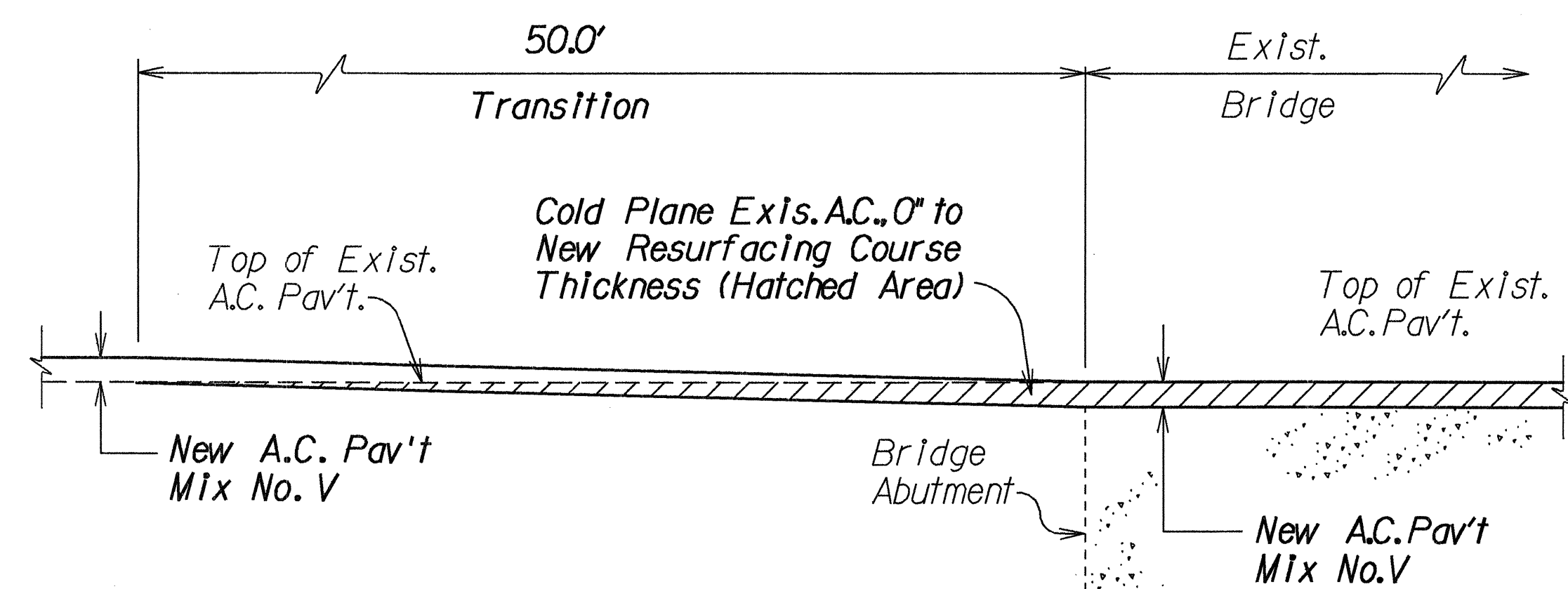


POLE SETTING DEPTH	
POLE LENGTH	"D" HOLE DEPTH
35'-0"	6'-0"
40'-0"	6'-0"
45'-0"	6'-6"

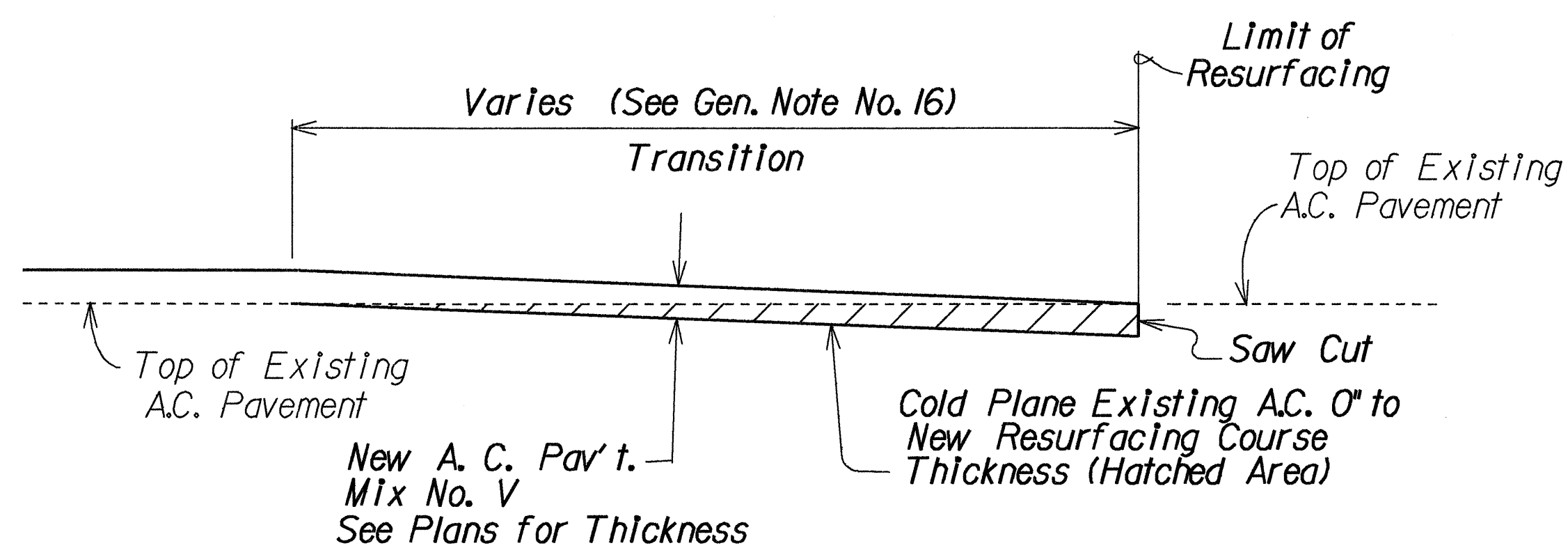
LUMINAIRE MOUNTED ON WOOD POLE

DATE	_____
DESIGNED BY	_____
CHECKED BY	_____
NOTED BY	_____
ORIGINAL PLAN	_____
NOTE BOOK	_____
No.	_____

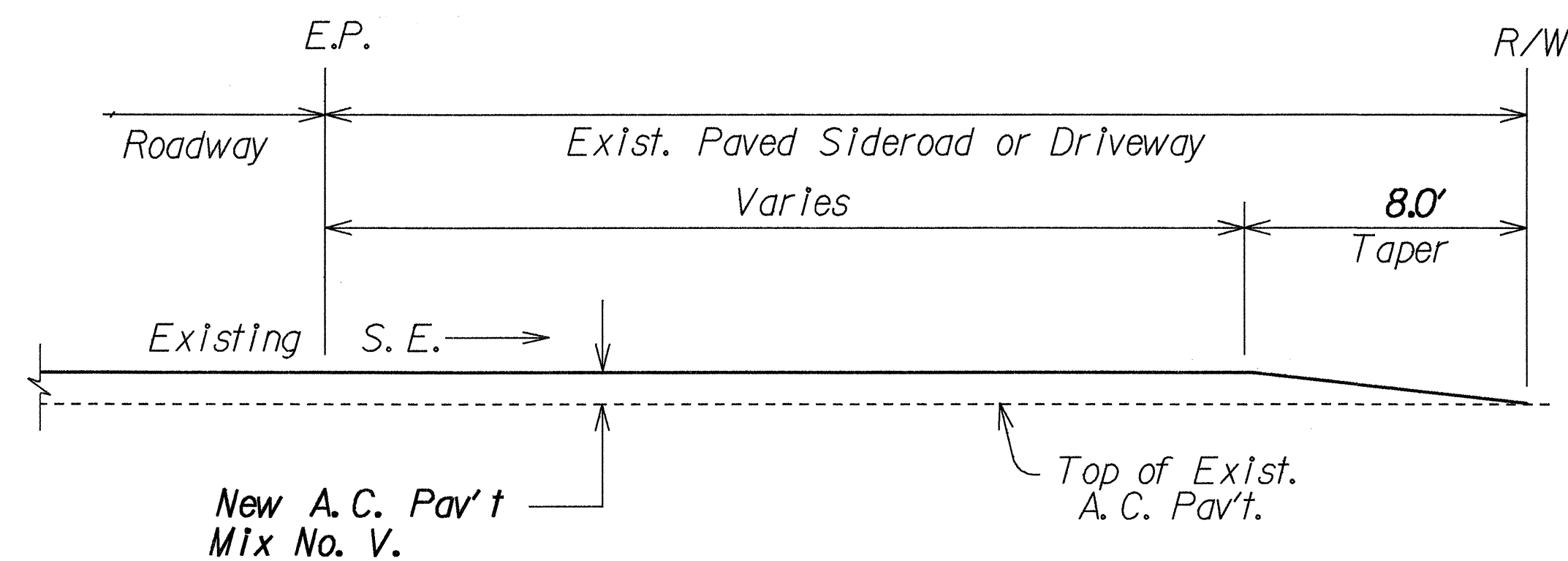
FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	3400AB-02-90	1990	6	15



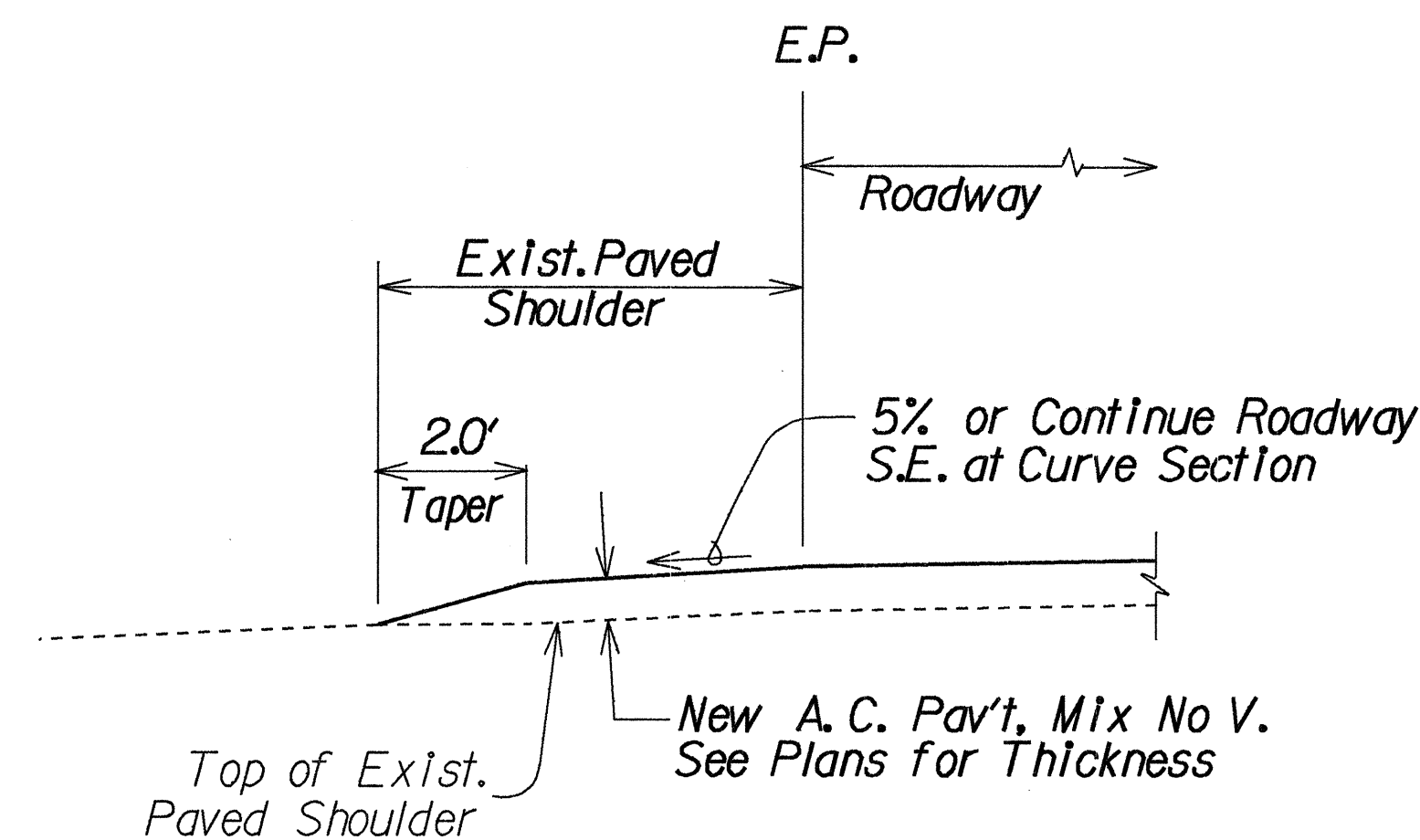
RESURFACING AT BRIDGE DETAIL
Not To Scale



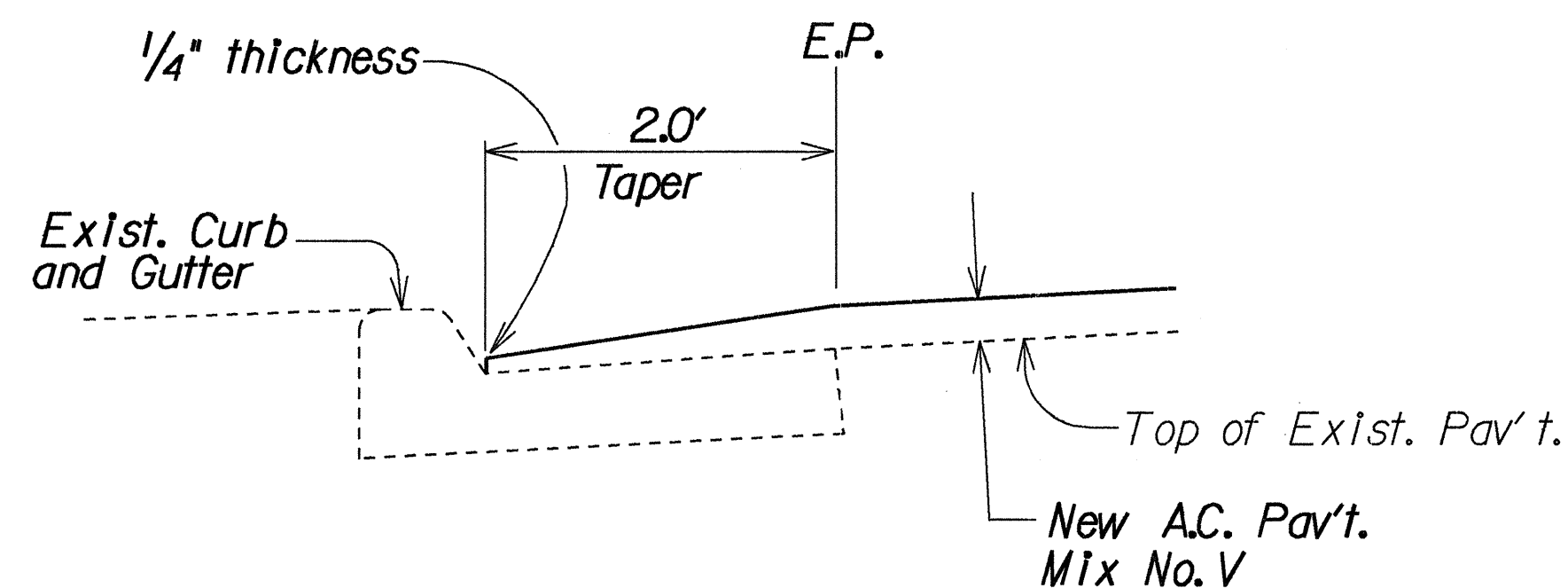
COLD PLANED TRANSITION TO EXISTING A.C. PAVEMENT DETAIL
Not To Scale



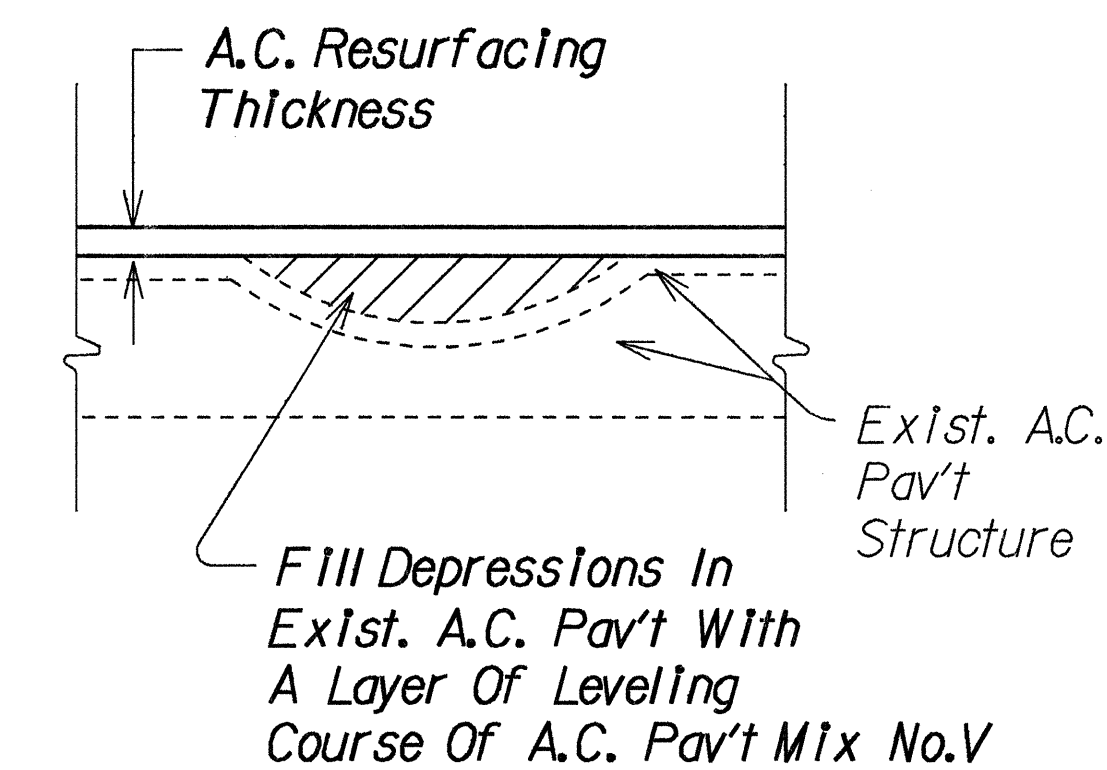
A.C. RESURFACING AT PAVED SIDEROAD OR PAVED DRIVEWAY DETAIL
Not To Scale



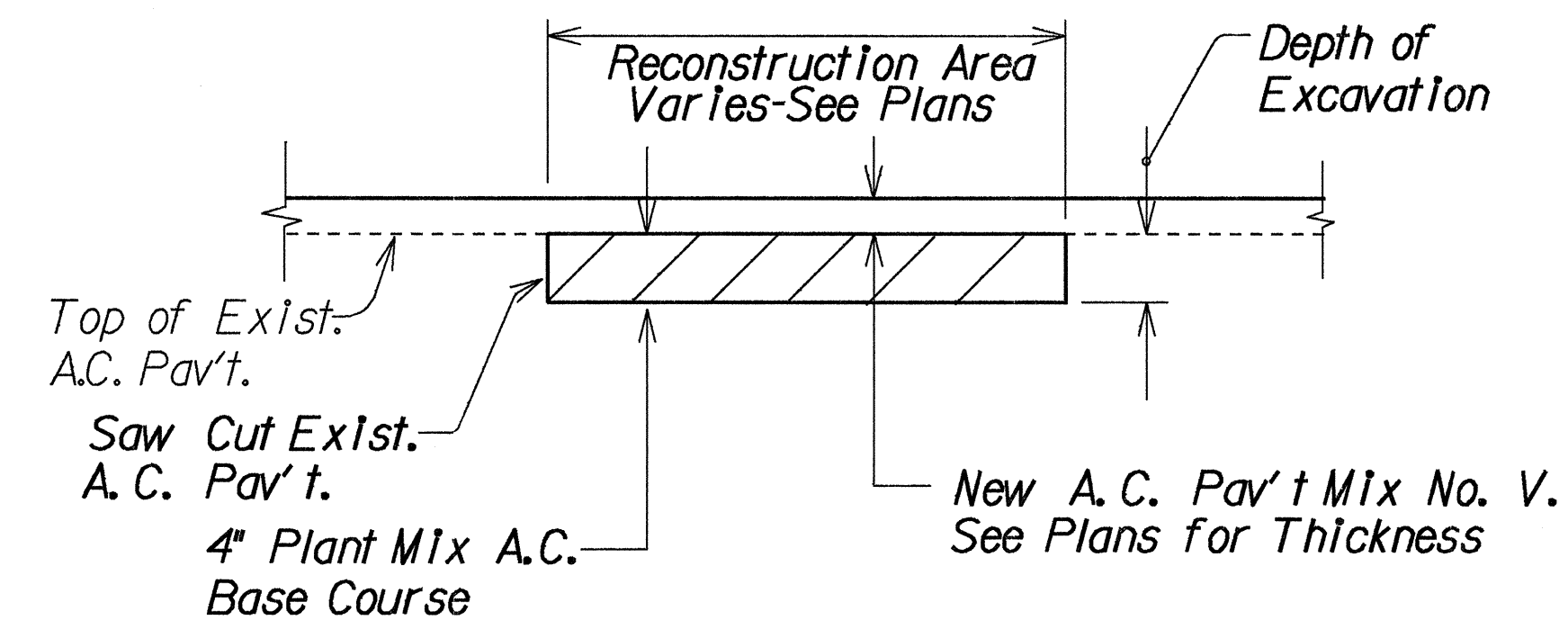
TYPICAL RESURFACING AT PAVED SHOULDER DETAIL
Not To Scale



TYPICAL SECTION A.C. PAV'T RESURFACING AT CURB AND GUTTER DETAIL
Not To Scale



LEVELING COURSE DETAIL
Not To Scale



A.C. PAVEMENT RECONSTRUCTION DETAIL
Not To Scale

DATE	_____
SURVEY PLOTTED BY	_____
DRAWN BY	_____
DESIGNED BY	_____
CHECKED BY	_____
NOTE BOOK	_____
NO.	_____

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

TYPICAL DETAILS
KAHULUI BEACH ROAD & WAIEHU BEACH ROAD IMPROVEMENTS
Keali Drive to Kaahumanu Avenue
PROJECT NO. 3400AB-02-90

Scale: As Noted Date: May, 1990
SHEET No. 2 OF 2 SHEETS