FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	F-072-1(34)-A	1990	4	186

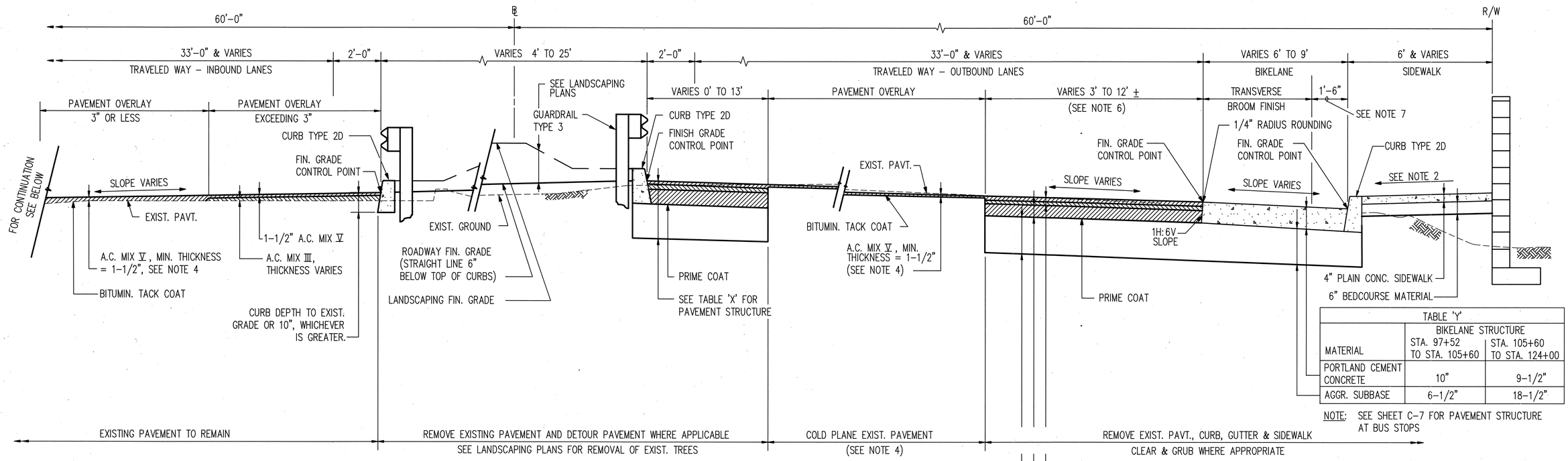
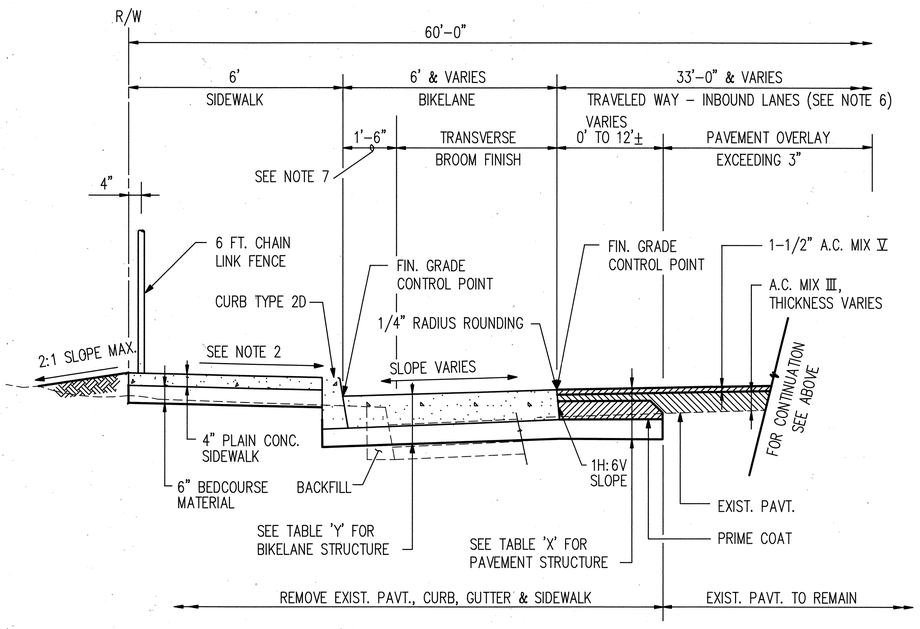


TABLE 'Y'		
MATERIAL	BIKELANE STRUCTURE STA. 97+52 TO STA. 105+60	BIKELANE STRUCTURE STA. 105+60 TO STA. 124+00
PORTLAND CEMENT CONCRETE	10"	9-1/2"
AGGR. SUBBASE	6-1/2"	18-1/2"

NOTE: SEE SHEET C-7 FOR PAVEMENT STRUCTURE AT BUS STOPS



TYPICAL SECTION

SCALE: 1" = 2'-0"

TABLE 'X'		
MATERIAL	PAVEMENT STRUCTURE TYPE Ⓐ	PAVEMENT STRUCTURE TYPE Ⓑ
A.C. MIX Ⅴ	1-1/2" MIN.	1-1/2" MIN.
A.C. MIX Ⅲ	3"	2-1/2"
A.C. BASE	6"	6"
AGGR. SUBBASE	6"	18"

NOTES:

1. SEE ROADWAY CONSTRUCTION PLANS FOR LIMITS OF ROADWAY AND SIDEWALK RECONSTRUCTION.
2. CROSS SLOPE OF SIDEWALK SHALL BE 1/4"/Ft., UNLESS OTHERWISE INDICATED BY FINISH GRADE ELEVATIONS ON ROADWAY CONSTR. PLANS.
3. PROVIDE EXPANSION JOINTS IN CONCRETE CURB & GUTTERS AND IN CONCRETE SIDEWALKS AT A SPACING NOT EXCEEDING 100 FEET AND AT BEGINNING AND END OF CURB RETURNS. JOINTS IN SIDEWALK SHALL BE IN LINE WITH JOINTS IN ABUTTING CURB. SEE SHEETS C-7 AND C-8 FOR JOINTS IN BUS STOP AND BIKELANE PAVEMENT.
4. WHERE NECESSARY EXIST. A.C. PAVT. SURFACE SHALL BE COLD PLANED TO 1-1/2" BELOW FINISH GRADE TO PERMIT INSTALLATION OF A.C. OVERLAY OF NOT LESS THAN 1-1/2" THICKNESS. COLD PLANING AND PLACING FINAL A.C. MIX V LAYER SHALL BE DONE IMMEDIATELY PRIOR TO IMPLEMENTATION OF TRAFFIC PATTERN Ⓒ.
5. REMOVAL OF EXIST. ROADWAY PAVEMENT, CURB, GUTTER AND SIDEWALK PAVEMENT WILL BE PAID UNDER 'ROADWAY EXCAVATION'. SUBSEQUENT BACKFILL, IF NECESSARY, WILL NOT BE PAID SEPARATELY BUT CONSIDERED INCIDENTAL TO 'ROADWAY EXCAVATION'.
6. FOR PAVEMENT TRANSITION TO DRAIN INTERIM PAVEMENT SURFACE, SEE ROADWAY CONSTRUCTION PLANS AND DETAILS ON SHEET NO. C-9.
7. PROVIDE 1'-6" WIDE LONGITUDINAL BROOM FINISH ALONG CURB WHERE PAVEMENT SLOPES DOWN TOWARD CURB. WHERE PAVEMENT SLOPES AWAY FROM CURB, PROVIDE TRANSVERSE BROOM FINISH OVER FULL WIDTH OF BIKELANE. (SEE SHEET C-7 FOR FINISH OF BUS STOP PAVEMENT)

ABBREVIATIONS:

- A.C. ASPHALT CONCRETE
- PCC PORTLAND CEMENT CONCRETE
- FIN. FINISH
- R/W RIGHT-OF-WAY
- ℄ BASELINE
- PAVT. PAVEMENT

REGISTERED PROFESSIONAL ENGINEER No. 3383-C HAWAII, U.S.A. WERNER BEUGGERT

THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION.

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

TYPICAL SECTIONS

KALANIANAOLE HIGHWAY
Wailupe Circle to East Hind Drive
F.A. PROJECT NO. F-072-1(34)-A

SCALE: AS SHOWN DATE: June 30, 1990

SHEET No.T-1 OF 1 SHEETS