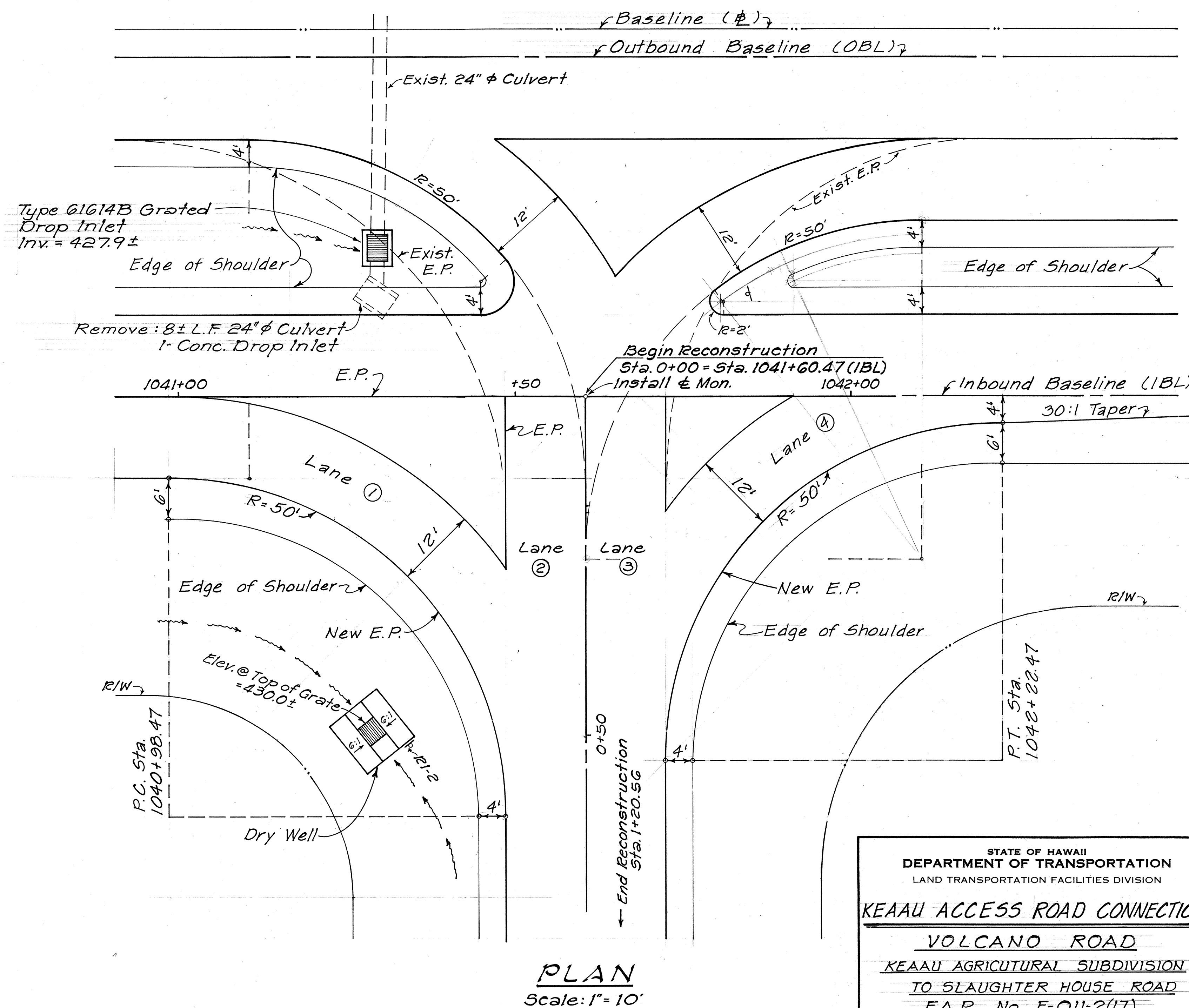
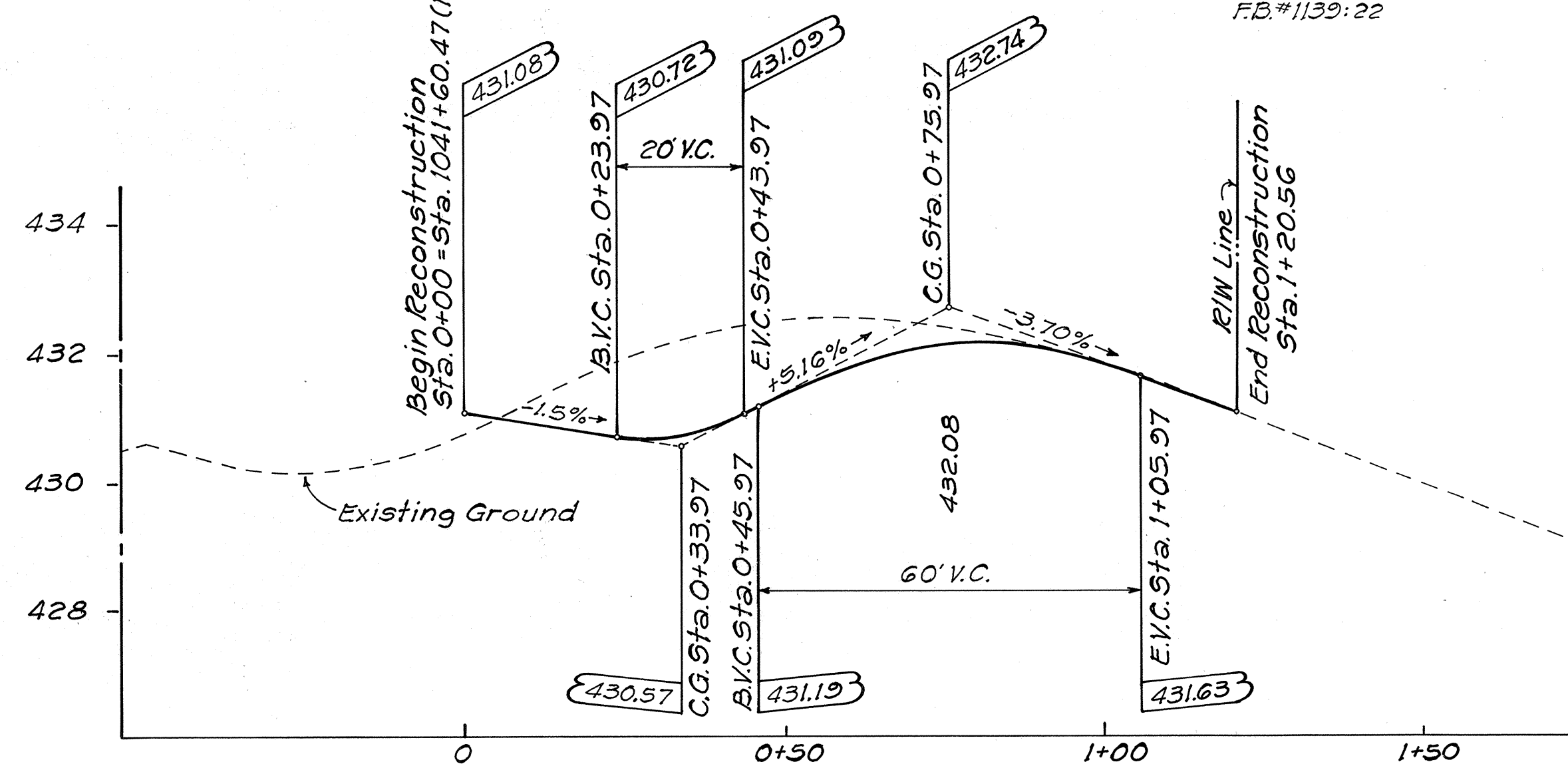
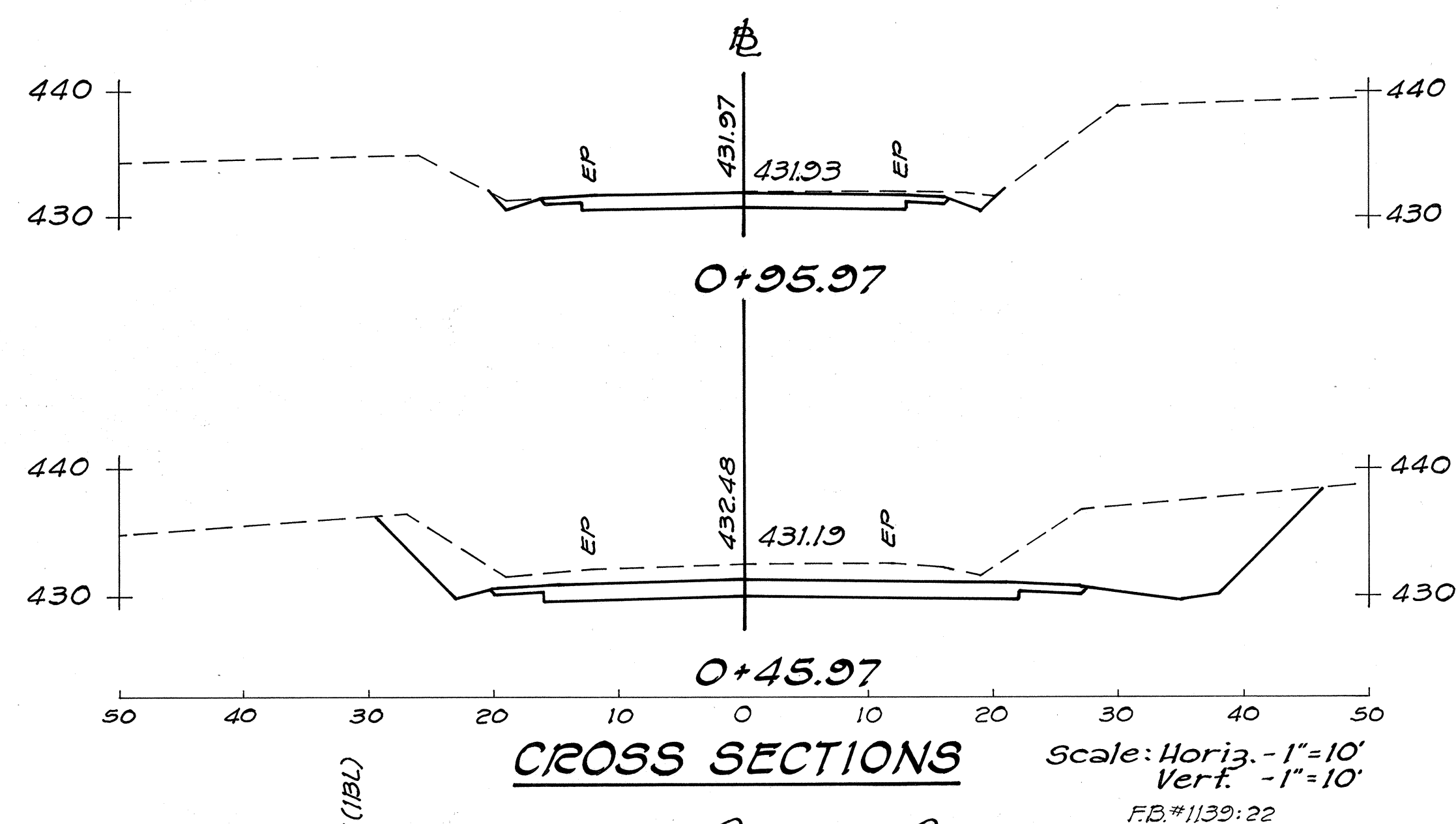
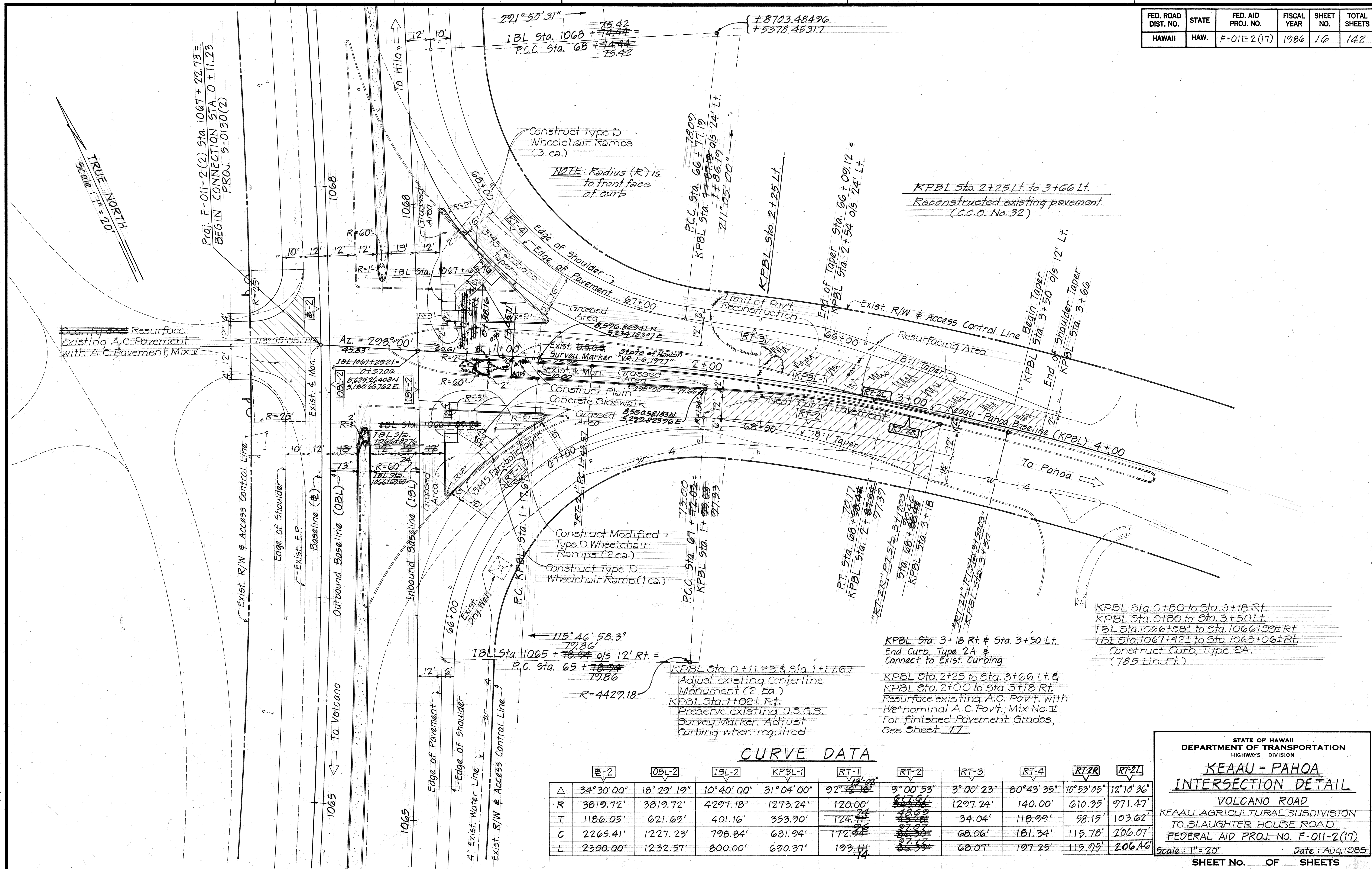


FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	F-011-2(17)	1986	15	142



STATE OF HAWAII
 DEPARTMENT OF TRANSPORTATION
 LAND TRANSPORTATION FACILITIES DIVISION
KEAAU ACCESS ROAD CONNECTION
VOLCANO ROAD
 KEAAU AGRICULTURAL SUBDIVISION
 TO SLAUGHTER HOUSE ROAD
 F.A.P. No. F-011-2(17)
 Scale: As Noted Date: Aug. 1985
 SHEET NO. OF SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	F-011-2(17)	1986	16	142



ORIGINAL PLAN	DATE
DESIGNED BY	10/73
CHECKED BY	10/74

CURVE DATA

	B-2	OBL-2	IBL-2	KPBL-1	RT-1	RT-2	RT-3	RT-4	RT-2R	RT-2L
Δ	34° 30' 00"	18° 29' 19"	10° 40' 00"	31° 04' 00"	92° 12' 18"	9° 00' 53"	3° 00' 23"	80° 43' 35"	10° 53' 05"	12° 10' 36"
R	3819.72'	3819.72'	4297.18'	1273.24'	120.00'	1297.24'	140.00'	610.35'	971.47'	971.47'
T	1186.05'	621.69'	401.16'	353.90'	124.44'	34.04'	118.99'	58.15'	103.62'	103.62'
C	2265.41'	1227.23'	798.84'	681.94'	172.26'	68.06'	181.34'	115.78'	206.07'	206.07'
L	2300.00'	1232.57'	800.00'	690.37'	193.14'	68.07'	197.25'	115.95'	206.46'	206.46'

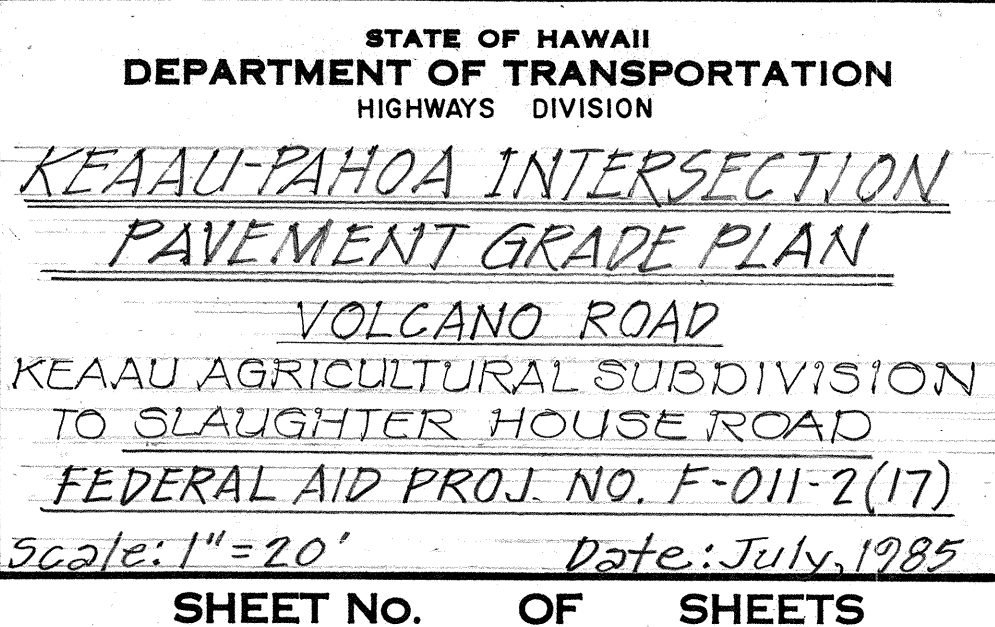
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

KEAAU - PAHOA
INTERSECTION DETAIL
VOLCANO ROAD
KEAAU AGRICULTURAL SUBDIVISION
TO SLAUGHTER HOUSE ROAD
FEDERAL AID PROJ. NO. F-011-2(17)

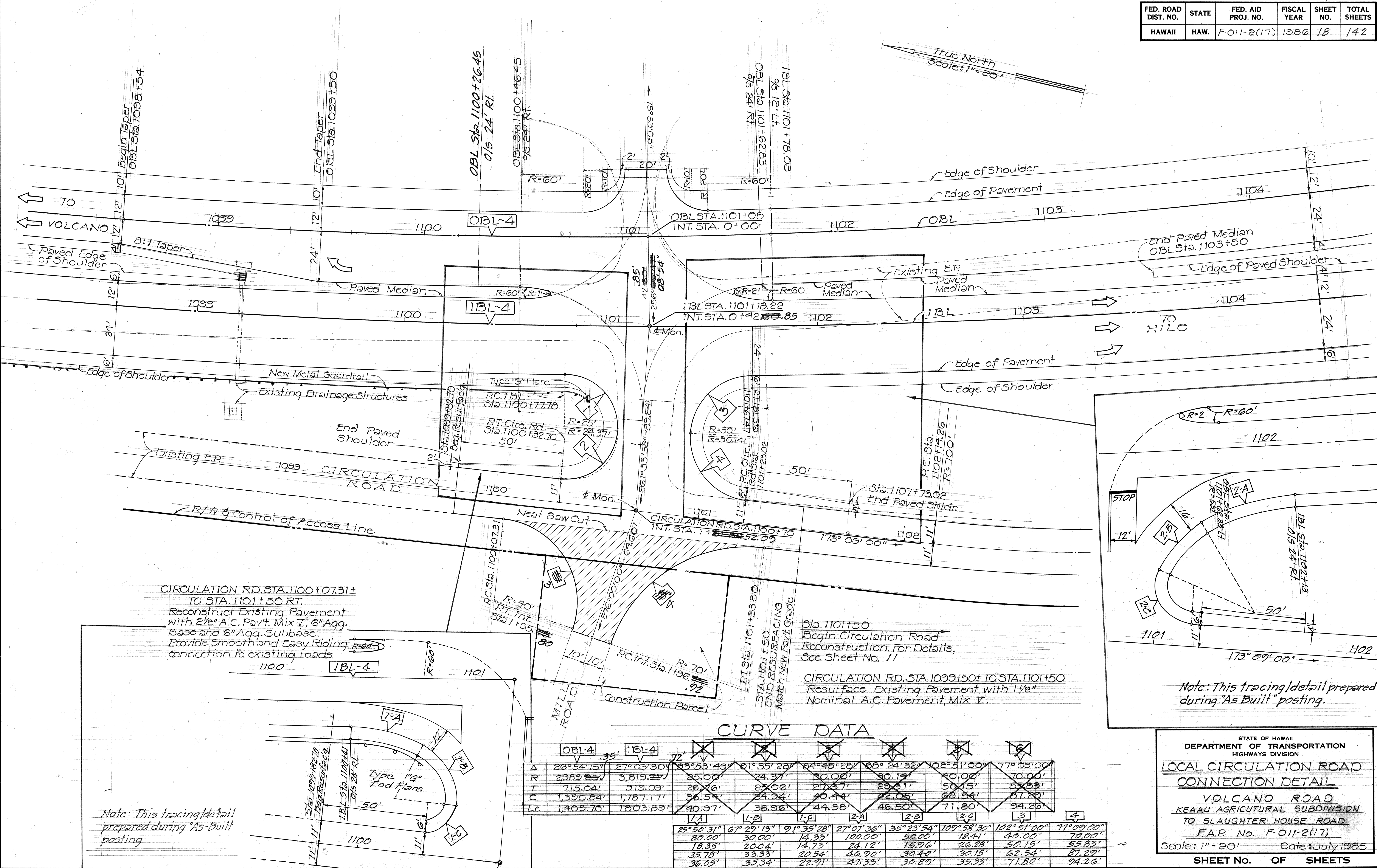
Scale: 1" = 20'
Date: Aug. 1985

SHEET NO. 16 OF 142 SHEETS

ORIGINAL PLAN	SURVEY PLOTTED BY	DATE
	DRAWN BY	
	TRACED BY	
	DESIGNED BY	
	QUANTITIES BY	
	CHECKED BY	
NOTE BOOK #1073: No. 33, 39, 43		



FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	F-011-2(17)	1986	18	142



CIRCULATION RD. STA. 1100+07.31± TO STA. 1101+50 RT.
Reconstruct Existing Pavement with 2 1/2" A.C. Pav't. Mix I, 6" Agg. Base and 6" Agg. Subbase.
Provide Smooth and Easy Riding connection to existing roads

Sta. 1101+50
Begin Circulation Road Reconstruction. For Details, See Sheet No. 11

CIRCULATION RD. STA. 1099+50± TO STA. 1101+50
Resurface Existing Pavement with 1 1/2" Nominal A.C. Pavement, Mix I.

CURVE DATA

	1	2	3	4	5	6	7	8
Δ	26°54'15"	27°03'30"	23°53'49"	31°35'28"	34°45'28"	38°24'32"	102°51'00"	77°09'00"
R	2389.05'	3,819.31'	25.00'	24.37'	30.00'	30.17'	40.00'	70.00'
T	715.04'	919.09'	26.16'	25.06'	27.67'	29.31'	50.15'	55.83'
C	1,390.84'	1,787.17'	56.54'	34.34'	40.44'	22.05'	62.54'	67.29'
Lc	1,403.70'	1,803.89'	40.97'	38.36'	44.38'	46.50'	71.80'	94.26'

	1-A	1-B	1-C	2-A	2-B	2-C	3	4
25°50'31"	67°29'13"	91°35'28"	27°07'36"	35°23'54"	102°58'30"	102°51'00"	77°09'00"	
80.00'	30.00'	14.33'	100.00'	50.00'	18.41'	40.00'	70.00'	
18.35'	20.04'	14.73'	24.12'	15.96'	26.28'	50.15'	55.83'	
35.78'	33.33'	20.54'	46.90'	30.40'	30.15'	62.54'	67.29'	
36.05'	35.34'	22.91'	47.33'	30.89'	35.33'	71.80'	94.26'	

Note: This tracing/detail prepared during "As-Built" posting.

Note: This tracing/detail prepared during "As-Built" posting.

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

**LOCAL CIRCULATION ROAD
CONNECTION DETAIL**

VOLCANO ROAD
KEAAU AGRICULTURAL SUBDIVISION
TO SLAUGHTER HOUSE ROAD
F.A.P. No. F-011-2(17)

Scale: 1" = 20' Date: July 1985

SHEET NO. 18 OF 142 SHEETS

DATE	
DESIGNED BY	
TRACED BY	
NOTE BOOK	
QUANTITIES BY	
CHECKED BY	

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	F-011-2(17)	1986	19	142

SURVEY PLOTTED BY	DATE
DESIGNED BY	
NOTED BY	
CHECKED BY	
ORIGINAL PLAN	
NO.	

NOTE: This Tracing/Detail prepared during "As-Built" posting

Notes:

- All grades shown are finished pavement grades
- See sheets 9 & 18 for other geometric data.

NOTE:

Revised Turning Radius At Local Circulation Road Sta. 0+60± To 1+30±, Lt. & Rt.

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION
LOCAL CIRCULATION ROAD CONNECTION
PAVEMENT GRADE PLAN
VOLCANO ROAD
KEAAU AGRICULTURAL SUBDIVISION
TO SLAUGHTER HOUSE ROAD
FEDERAL AID PROJ. NO. F-011-2(17)
Scale: 1"=20'
Date: July, 1985
SHEET No. OF SHEETS