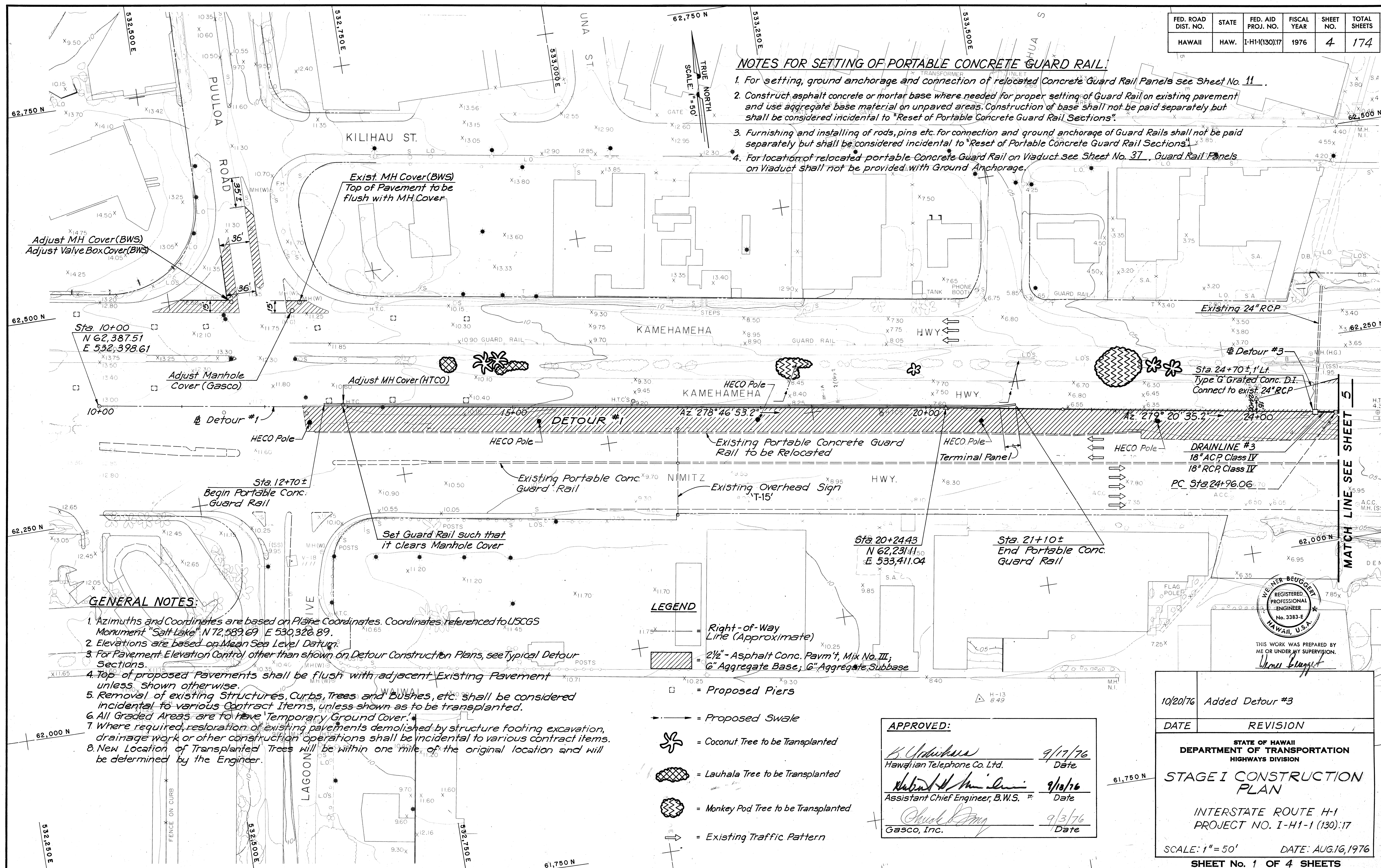


FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	I-H1-(130):17	1976	4	174

NOTES FOR SETTING OF PORTABLE CONCRETE GUARD RAIL

1. For setting, ground anchorage and connection of relocated Concrete Guard Rail Panels see Sheet No. 11.
2. Construct asphalt concrete or mortar base where needed for proper setting of Guard Rail on existing pavement and use aggregate base material on unpaved areas. Construction of base shall not be paid separately but shall be considered incidental to "Reset of Portable Concrete Guard Rail Sections".
3. Furnishing and installing of rods, pins etc. for connection and ground anchorage of Guard Rails shall not be paid separately but shall be considered incidental to "Reset of Portable Concrete Guard Rail Sections".
4. For location of relocated portable Concrete Guard Rail on Viaduct see Sheet No. 37. Guard Rail Panels on Viaduct shall not be provided with Ground Anchorage.



GENERAL NOTES:

1. Azimuths and Coordinates are based on Plane Coordinates. Coordinates referenced to USCGS Monument "Salt Lake" N 72,589.69 E 530,326.89.
2. Elevations are based on Mean Sea Level Datum.
3. For Pavement Elevation Control other than shown on Detour Construction Plans, see Typical Detour Sections.
4. Top of proposed Pavements shall be flush with adjacent Existing Pavement unless shown otherwise.
5. Removal of existing Structures, Curbs, Trees and Bushes, etc. shall be considered incidental to various Contract Items, unless shown as to be transplanted.
6. All Graded Areas are to have Temporary Ground Cover.
7. Where required, restoration of existing pavements demolished by structure footing excavation, drainage work or other construction operations shall be incidental to various contract items.
8. New Location of Transplanted Trees will be within one mile of the original location and will be determined by the Engineer.

LEGEND

- = Right-of-Way Line (Approximate)
- = 2 1/2" - Asphalt Conc. Pavm't, Mix No. III, 6" Aggregate Base, 6" Aggregate Subbase
- = Proposed Piers
- = Proposed Swale
- = Coconut Tree to be Transplanted
- = Lauhala Tree to be Transplanted
- = Monkey Pod Tree to be Transplanted
- = Existing Traffic Pattern

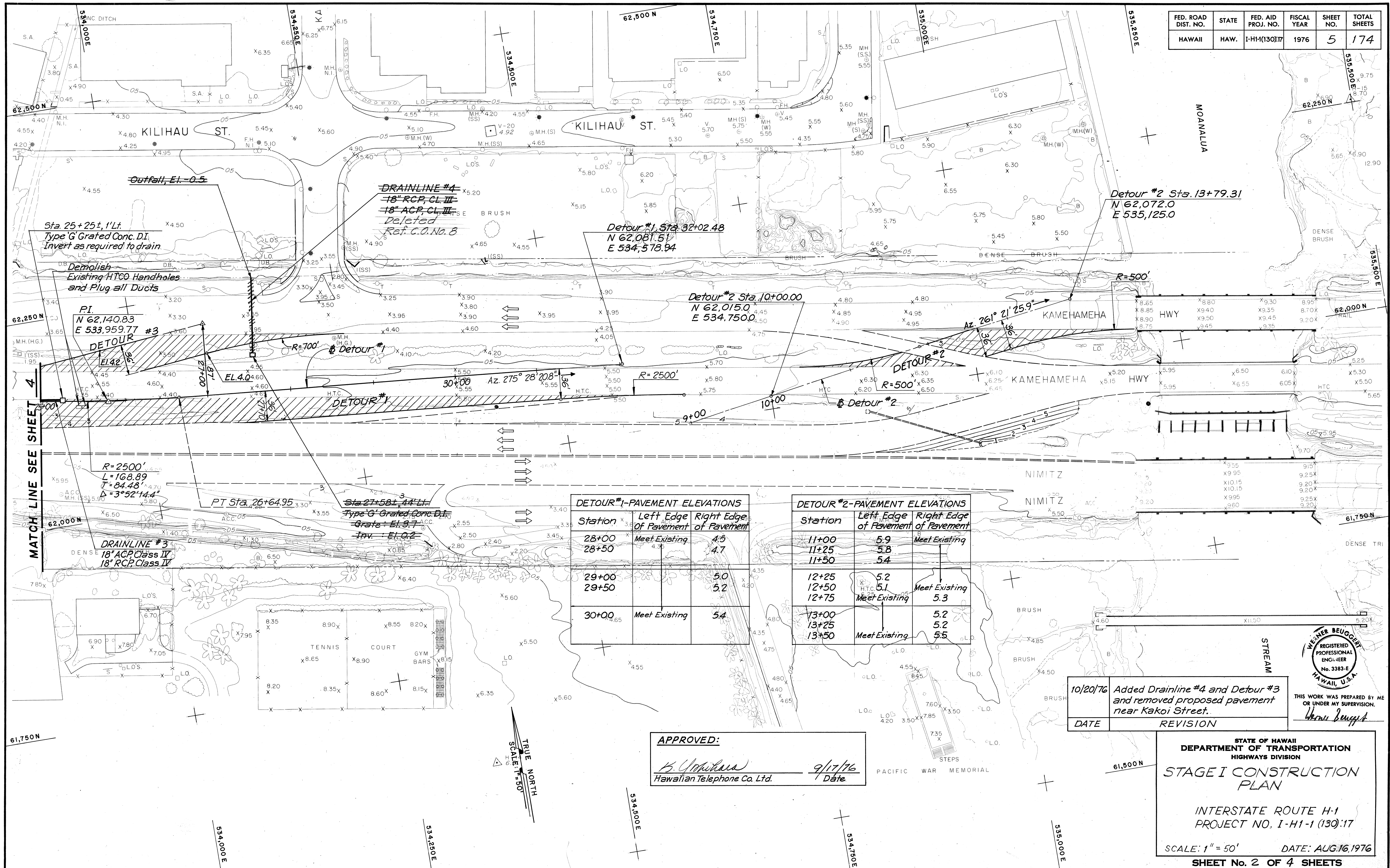
APPROVED:

	9/17/76
Hawaiian Telephone Co. Ltd.	Date
	9/18/76
Assistant Chief Engineer, B.W.S.	Date
	9/3/76
Gasco, Inc.	Date

10/20/76	Added Detour #3
DATE	REVISION
STATE OF HAWAII DEPARTMENT OF TRANSPORTATION HIGHWAYS DIVISION STAGE I CONSTRUCTION PLAN INTERSTATE ROUTE H-1 PROJECT NO. I-H1-1 (130):17 SCALE: 1" = 50' DATE: AUG. 16, 1976 SHEET No. 1 OF 4 SHEETS	

ADD. 4

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	I-H1(130):17	1976	5	174



DETOUR #1 - PAVEMENT ELEVATIONS		
Station	Left Edge of Pavement	Right Edge of Pavement
28+00	Meet Existing	4.5
28+50		4.7
29+00		5.0
29+50		5.2
30+00	Meet Existing	5.4

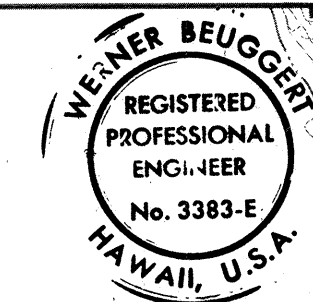
DETOUR #2 - PAVEMENT ELEVATIONS		
Station	Left Edge of Pavement	Right Edge of Pavement
11+00	5.9	Meet Existing
11+25	5.8	
11+50	5.4	
12+25	5.2	
12+50	5.1	Meet Existing
12+75	Meet Existing	5.3
13+00		5.2
13+25		5.2
13+50	Meet Existing	5.5

APPROVED:

B. Upchurch
Hawaiian Telephone Co. Ltd.

9/17/76
Date

10/20/76	Added Drainline #4 and Detour #3 and removed proposed pavement near Kakoi Street.
DATE	REVISION



THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION.
Werner Beugert

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION
STAGE I CONSTRUCTION PLAN

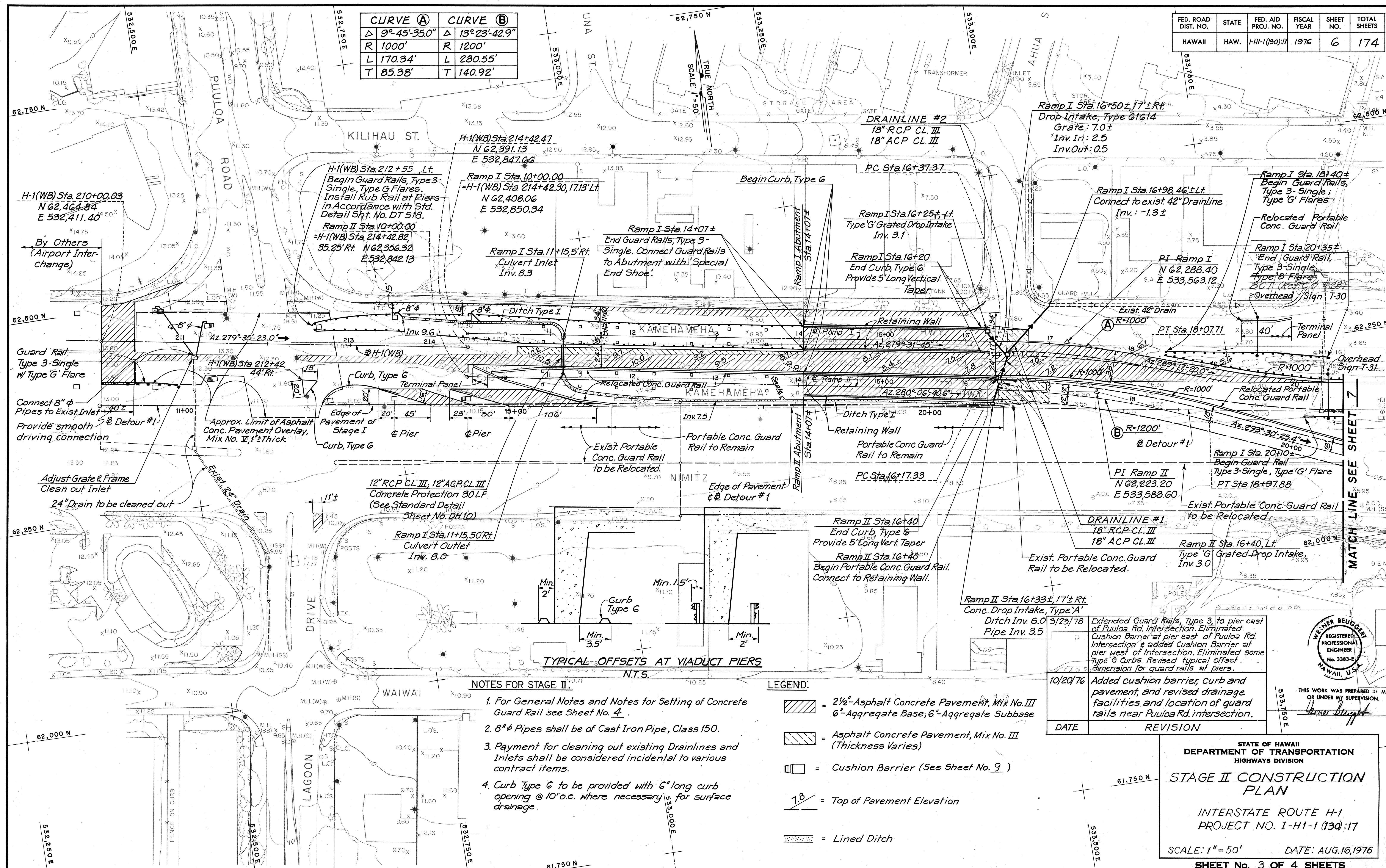
INTERSTATE ROUTE H-1
PROJECT NO. I-H1-1 (130):17

SCALE: 1" = 50' DATE: AUG. 16, 1976
SHEET No. 2 OF 4 SHEETS

ADD. 5

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	I-HI-1(130) II	1976	6	174

CURVE (A)	CURVE (B)
Δ 9° 45' 35.0"	Δ 13° 23' 42.9"
R 1000'	R 1200'
L 170.34'	L 280.55'
T 85.38'	T 140.92'



DATE	SURVEY PLOTTED BY
DATE	DRAWN BY
DATE	CHECKED BY

- NOTES FOR STAGE II.**
- For General Notes and Notes for Setting of Concrete Guard Rail see Sheet No. 4.
 - 8" Pipes shall be of Cast Iron Pipe, Class 150.
 - Payment for cleaning out existing Drainlines and Inlets shall be considered incidental to various contract items.
 - Curb Type G to be provided with 6" long curb opening @ 10' o.c. where necessary for surface drainage.

- LEGEND:**
- = 2 1/2" Asphalt Concrete Pavement, Mix No. III
6" Aggregate Base; 6" Aggregate Subbase
 - = Asphalt Concrete Pavement, Mix No. III (Thickness Varies)
 - = Cushion Barrier (See Sheet No. 9)
 - = Top of Pavement Elevation
 - = Lined Ditch

DATE	REVISION
3/23/78	Extended Guard Rails, Type 3, to pier east of Puloa Rd. intersection. Eliminated Cushion Barrier at pier east of Puloa Rd. intersection & added Cushion Barrier at pier west of intersection. Eliminated some Type G Curbs. Revised typical offset dimension for guard rails at piers.
10/20/76	Added cushion barrier, curb and pavement, and revised drainage facilities and location of guard rails near Puloa Rd. intersection.

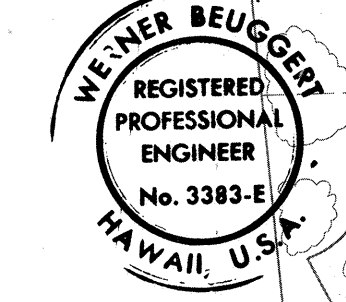
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

STAGE II CONSTRUCTION PLAN

INTERSTATE ROUTE H-1
PROJECT NO. I-HI-1 (130) 17

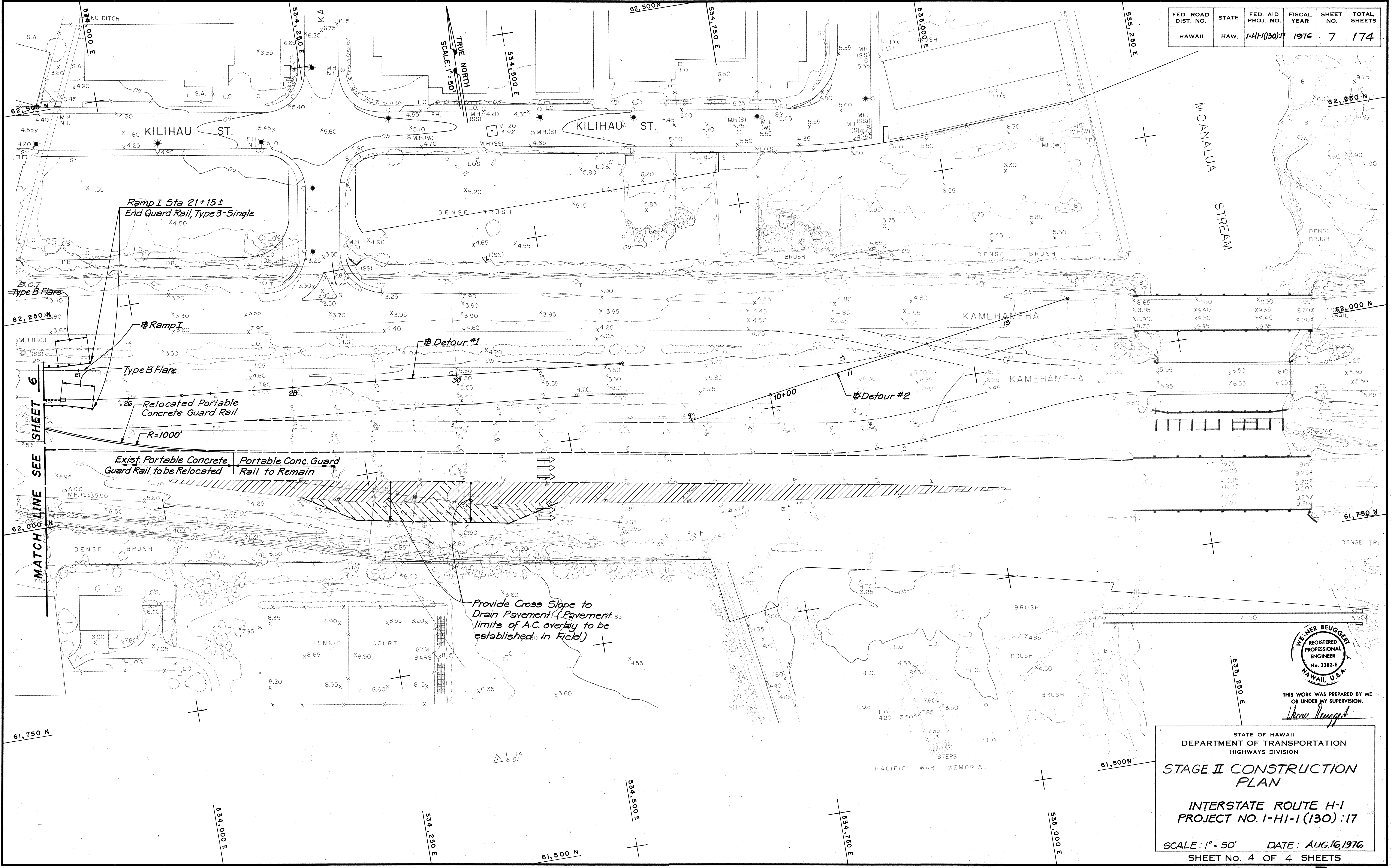
SCALE: 1" = 50' DATE: AUG. 16, 1976

SHEET No. 3 OF 4 SHEETS

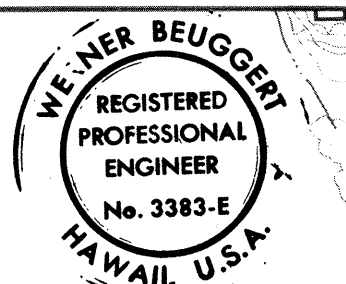


C.O.ADD. 6

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	1-HI-1(130):17	1976	7	174



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



THIS WORK WAS PREPARED BY ME
OR UNDER MY SUPERVISION.
Werner Beugnot

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

**STAGE II CONSTRUCTION
PLAN**

**INTERSTATE ROUTE H-1
PROJECT NO. 1-HI-1(130):17**

SCALE: 1" = 50' DATE: AUG. 16, 1976
SHEET NO. 4 OF 4 SHEETS