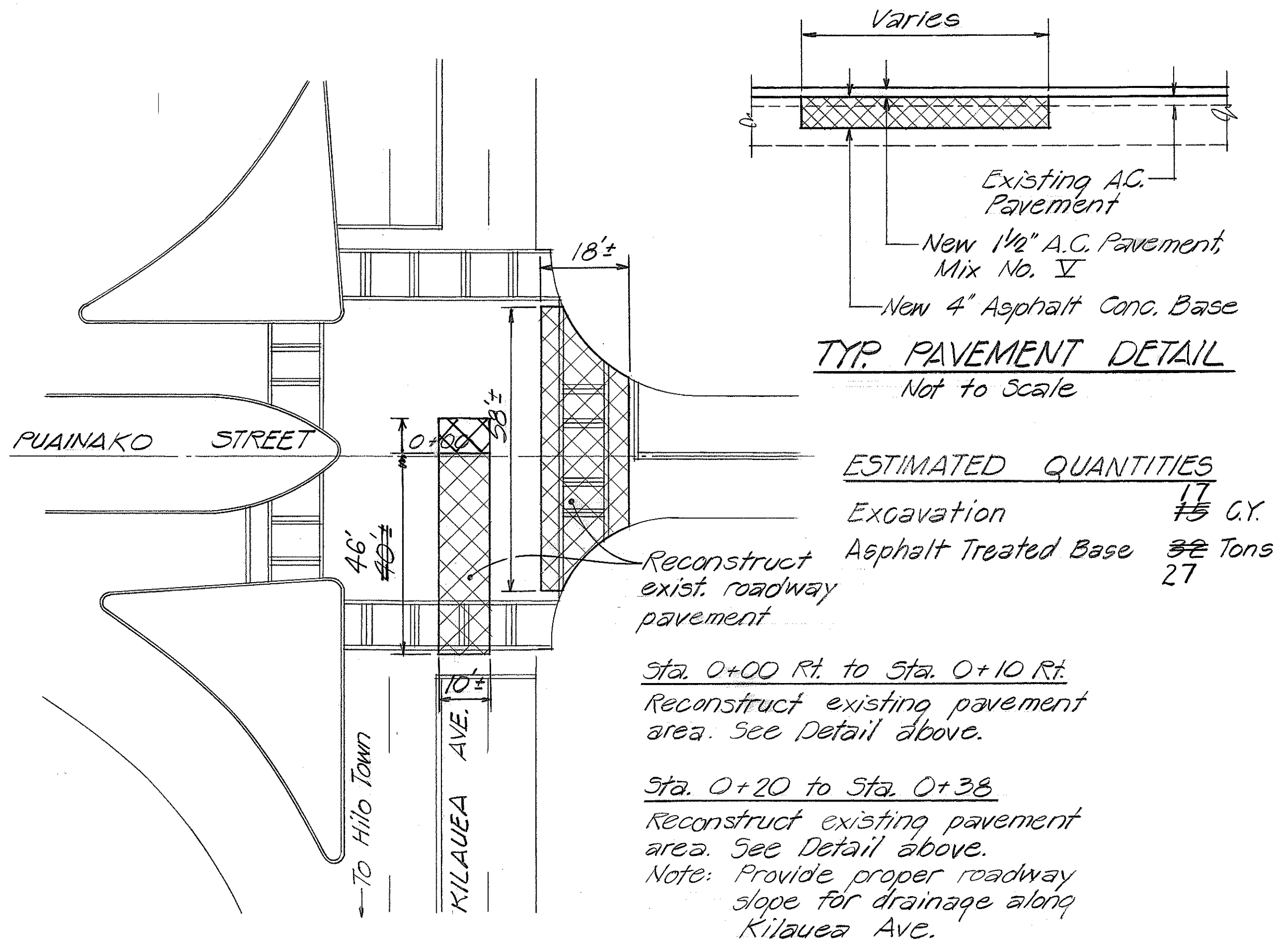
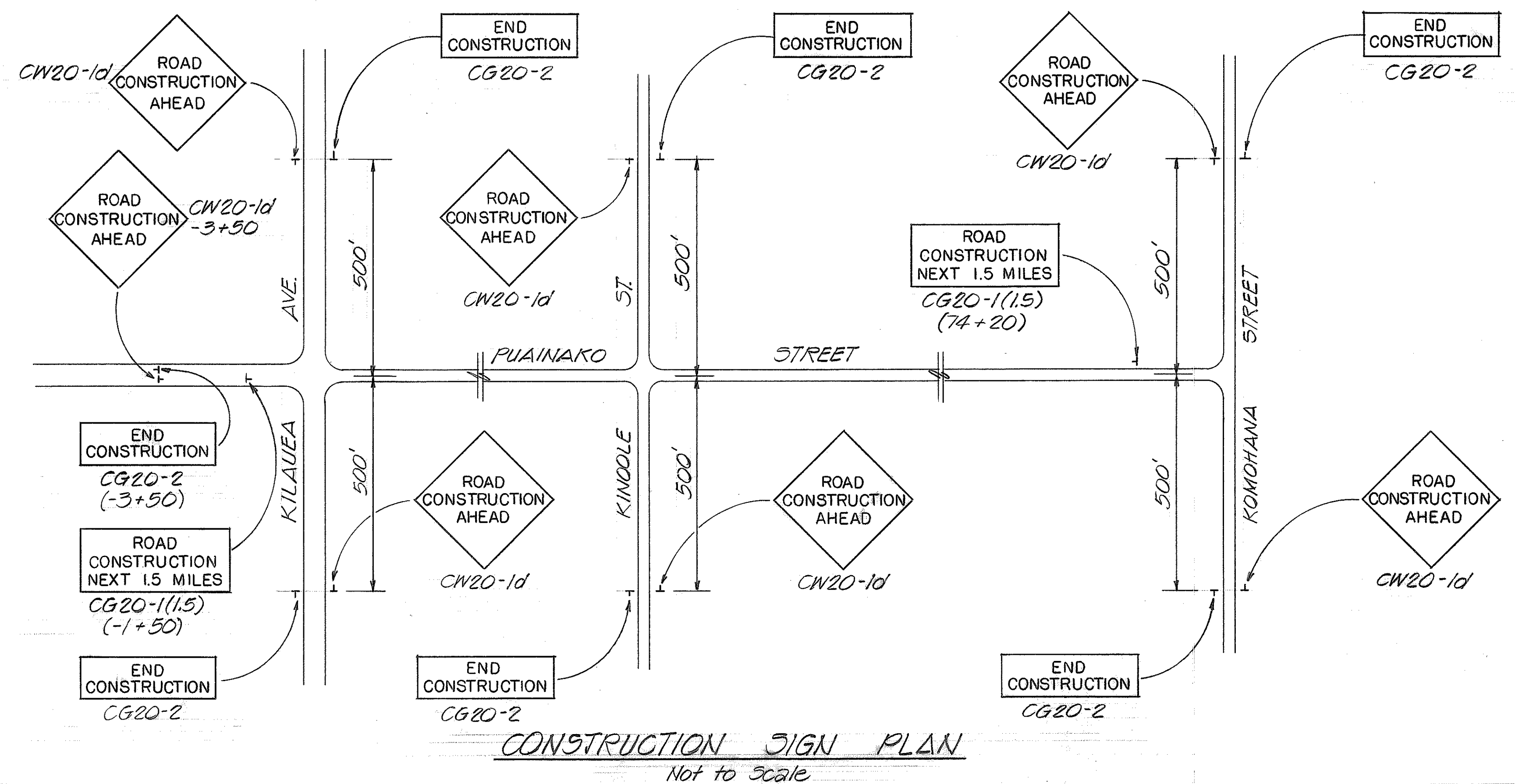
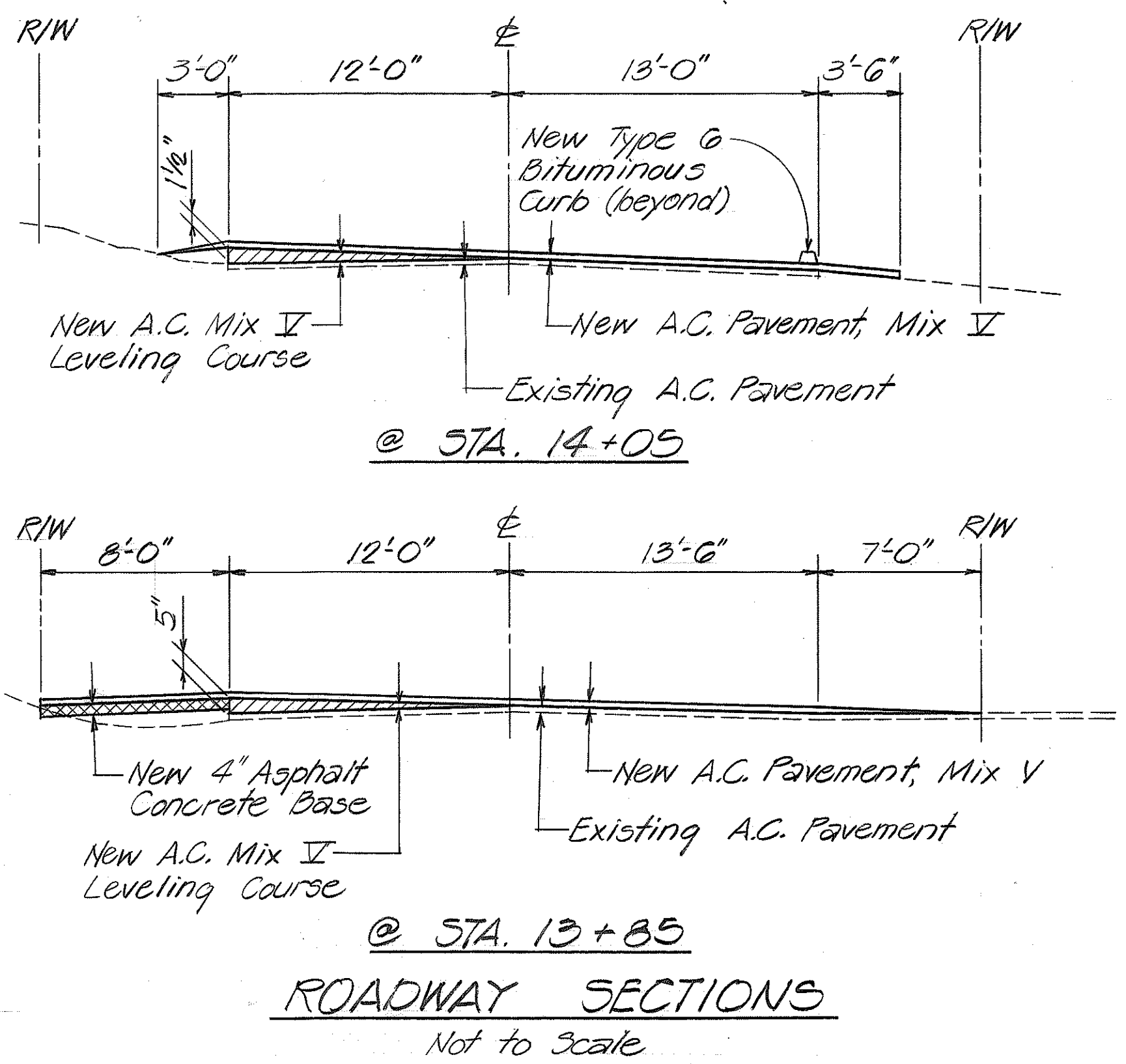
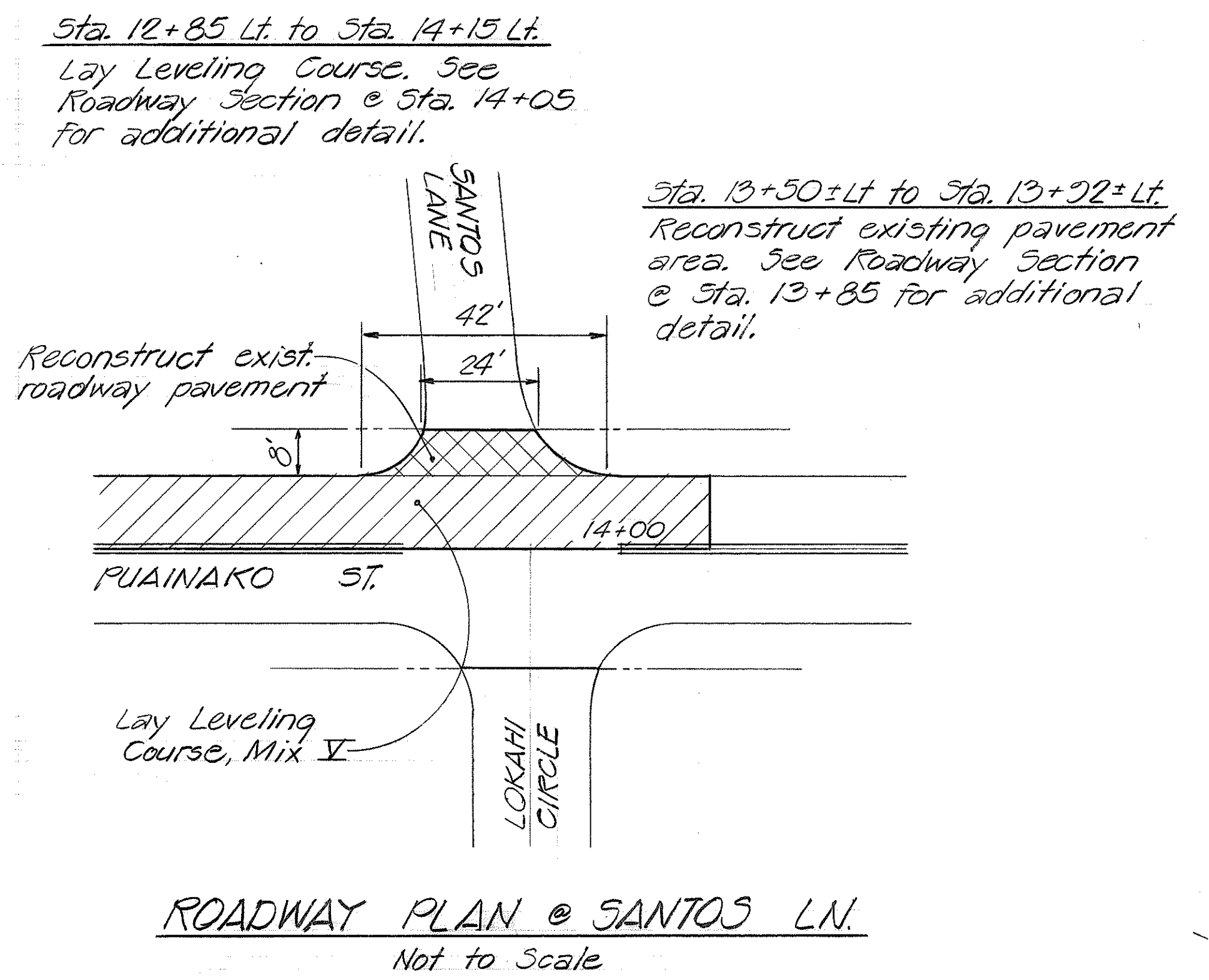


FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	2000E-01-90M	1990	6	8



ROADWAY PLAN @ KILAUEA AVE.
Not to Scale



CONSTRUCTION SIGN SCHEDULE		
EXIST. PROJ. NO.	STATION	ITEM NO. 621.7/20
S-18(1)	-3+50 (Median)	CW20-1d
	-3+50 (Median)	CG20-2
	-1+50 (Median)	CG20-1(1.5)
G-3221-01-62	0+00 Rt. % 500'	CW20-1d
	0+00 Rt. % 500'	CG20-2
	0+00 Lt. % 500'	CW20-1d
	0+00 Lt. % 500'	CG20-2
	5+52 Rt. % 500'	CW20-1d
	5+52 Rt. % 500'	CG20-2
	5+52 Lt. % 500'	CW20-1d
	5+52 Lt. % 500'	CG20-2
2000E-01-77M	74+20 Lt.	CG20-1(1.5)
	76+40 Rt. % 500'	CW20-1d
	76+40 Rt. % 500'	CG20-2
	76+40 Lt. % 500'	CW20-1d
	76+40 Lt. % 500'	CG20-2
TOTAL		16-Each

CONSTRUCTION SIGN SCHEDULE		
EXIST. PROJ. NO.	STATION	ITEM NO. 621.7/20
S-18(1)	-9+23 Rt. % 500'	CG20-2
	-9+23 Lt. % 500'	CW20-1d
MEDIAN	-9+23 Rt. % 500'	CG20-2
	-9+23 Rt. % 500'	CW20-1d
	-9+23 Lt. % 500'	CG20-2
	-9+23 Lt. % 500'	CW20-1d
F-RF-011-2(13)	-9+23 Rt. % 500'	CW20-1d
	-9+23 Lt. % 500'	CG20-2
TOTAL =		8 EACH
PUAINAKO EXT.	1+76 Rt.	CG20-1d
	1+76 Lt.	CW20-2

* RELOCATED FROM STA. -4+00±
Δ C.C.O. #1

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

MISC. ROADWAY DETAILS &
CONSTRUCTION SIGN PLAN

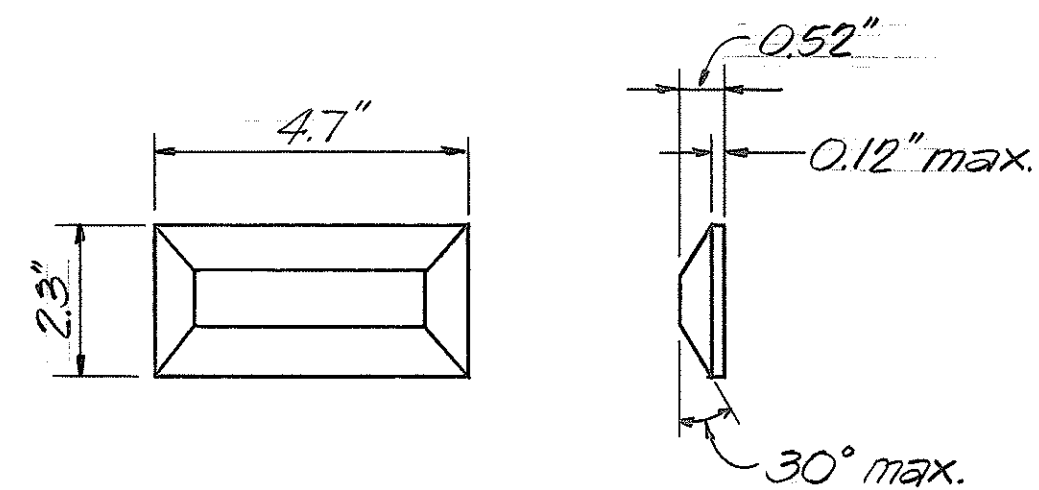
PUAINAKO STREET RESURFACING
KILAUEA AVENUE TO KOMOEHANA STREET
PROJ. NO. 2000E-01-90M

Not to Scale Date: April 1990

SHEET No. 1 OF 3 SHEETS

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

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	2000E-01-90M	1990	7	8

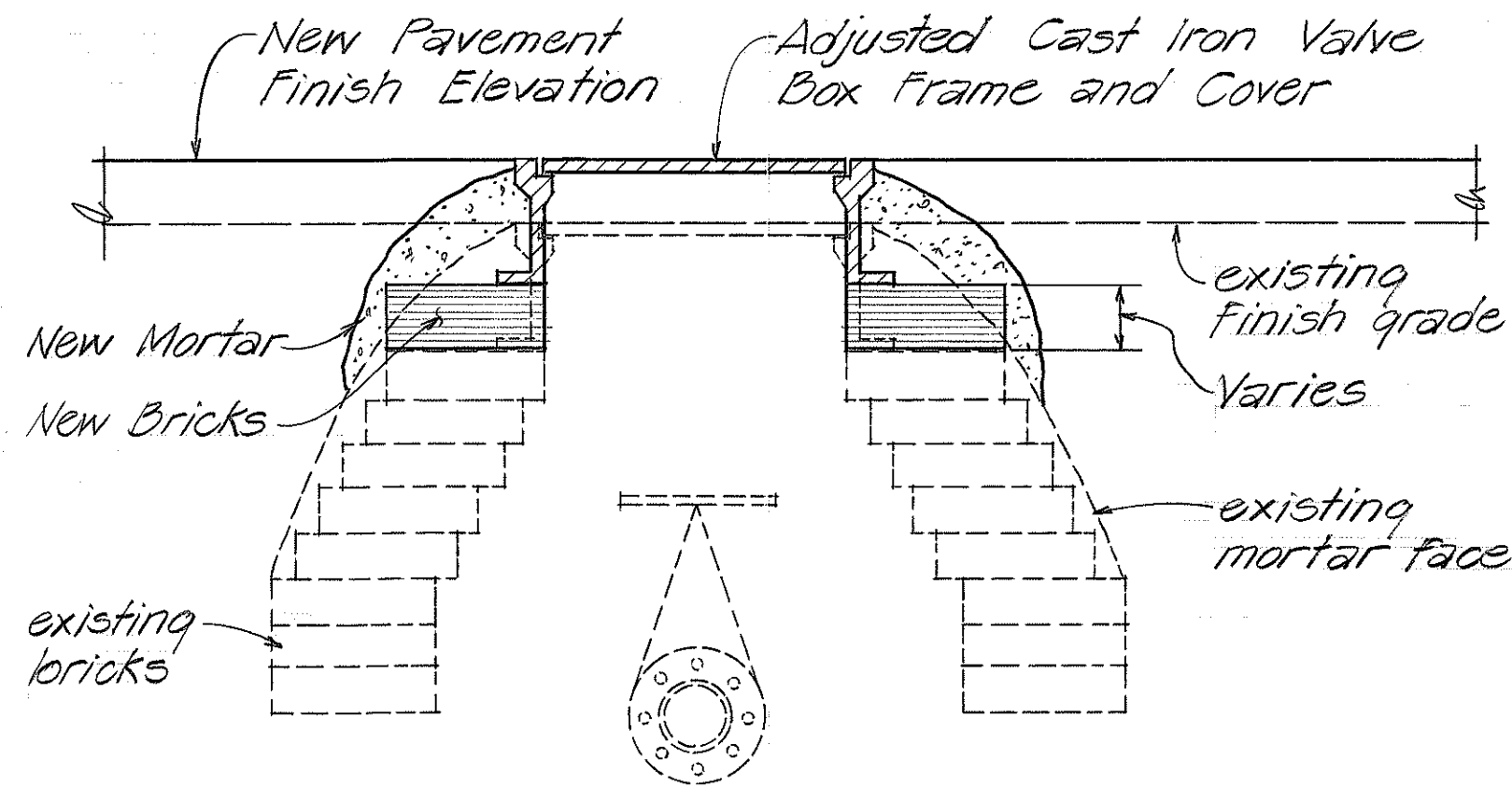


"L" SERIES
PAVEMENT MARKER DETAIL
Not to Scale

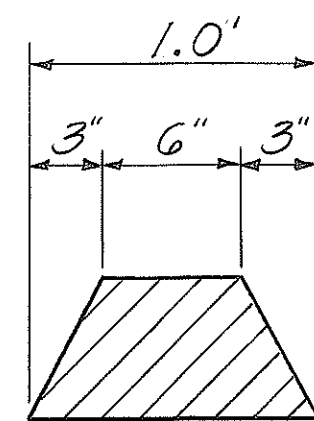
- TYPE "CL": Red-Clear Reflective Marker.
TYPE "DL": Two-Way Yellow Reflective Marker.
TYPE "HL": One-Way Yellow Reflective Marker.

NOTES

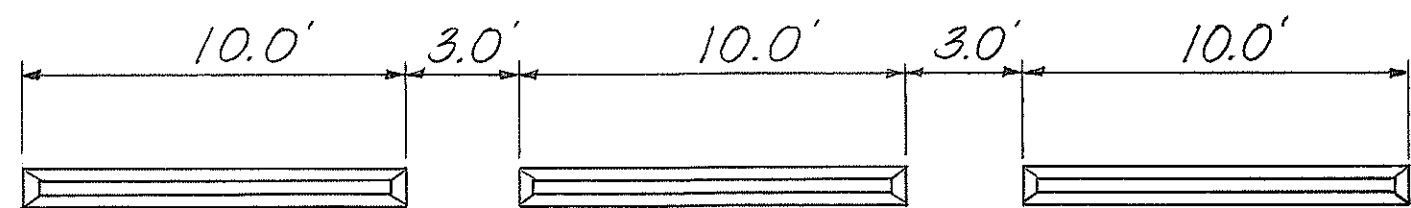
- Layout of pavement markings and striping shall be done by the contractor and approved by the engineer prior to any installation work.
- Pavement areas to be striped shall be broomed off by the contractor prior to striping by the State. Payment shall be incidental to item no. 401.0500.
- Existing pavement markings not incorporated in the final traffic pattern shall be removed as directed by the engineer. Payment shall be incidental to the various pavement marking items.
- Raised pavement markers shall not be installed within crosswalks.
- Details of Type "C," Type "D" and Type "H" markers on Standard Plan nos. TE-30, TE-31, and TE-32 shall be deleted and replaced with details of Type "CL," Type "DL," and Type "HL" markers as shown on this sheet. All references to Type "C," Type "D," and Type "H" markers in the plans shall mean Type "CL," Type "DL" and Type "HL".
- Final locations of all Stop Lines and Crosswalks shall be approved by the engineer prior to installation.



CAST IRON VALVE BOX
FRAME & COVER DETAIL
Not to Scale

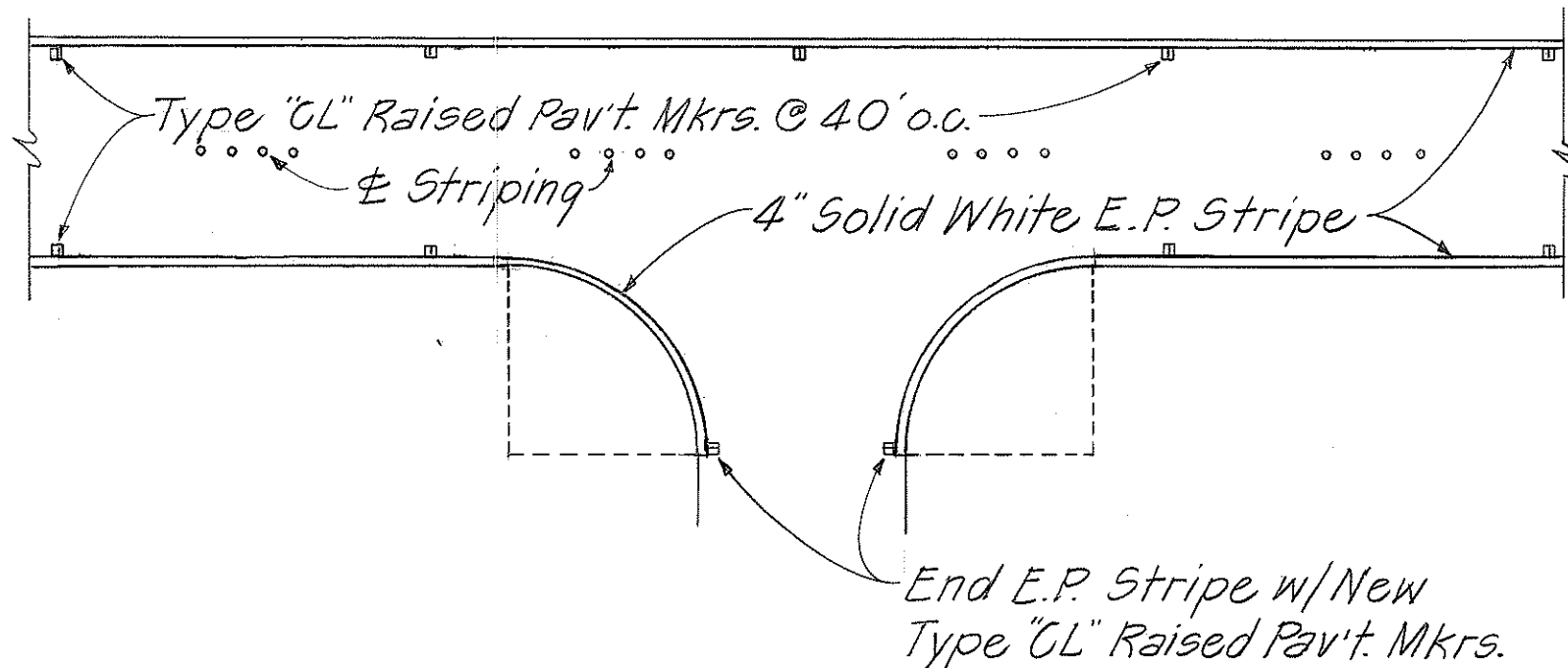


SECTION



PLAN

BITUMINOUS CURB, TYPE 6
Not To Scale



TYPICAL EDGE OF PAVEMENT MARKINGS
Not To Scale

ORIGINAL PLAN	SURVEY PLOTTED BY	DATE
NOTE BOOK	DESIGNED BY	
No.	QUANTITIES BY	
	CHECKED BY	

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

MISC. ROADWAY DETAILS

PUAINAKO STREET RESURFACING
KILAUEA AVENUE TO KOMOHANA STREET
PROJ. NO. 2000E-01-90M
Not to scale Date: April 1990

SHEET No. 2 OF 3 SHEETS

PAVEMENT MARKER SCHEDULE *

STATION		DESCRIPTION	TYPE				
FROM	TO		A	CL	DL	HL	J
		PUAINAKO ST.					
- 0 + 30	0 + 40	Open (4-Crosswalks)					
0 + 40	5 + 20	No Passing - Both Sides		26	25		
5 + 20	5 + 82	Open (4-Crosswalks)		10 26			
5 + 82	10 + 47	No Passing - Both Sides		26	24		
10 + 47	10 + 82	Open (1-Crosswalk)		1 26			
10 + 82	13 + 64	No Passing - Both Sides		16	15		
13 + 64	14 + 00	Open		2 26			
14 + 00	15 + 52	No Passing - Both Sides		10	8		
15 + 52	15 + 87	Open		1 26			
15 + 87	19 + 70	No Passing - Both Sides		22	20		
19 + 70	19 + 28	Open		1 26			
19 + 28	22 + 10	No Passin - Both Sides		12	11		
22 + 10	22 + 44	Open		2 26			
22 + 44	24 + 95	No Passing - Both Sides		14	13		
24 + 95	25 + 33	Open (1-Crosswalk)		1 26			
25 + 33	26 + 79	No Passing - Both Sides		10	8		
26 + 79	27 + 03	Open		1 26			
27 + 03	29 + 13	No Passing - Both Sides		12	11		
29 + 13	29 + 43	Open		1 26			
29 + 43	31 + 70	No Passing - Both Sides		14	12		
31 + 70	32 + 00	Open		1 26			
32 + 00	32 + 72	No Passing - Both Sides		6	4		
32 + 72	33 + 15	Open		1 26			
33 + 15	34 + 84	No Passing - Both Sides		10	9		
34 + 84	35 + 36	Open (2-Crosswalks)		1 26			
35 + 36	39 + 89	No Passing - Both Sides		24	23		
39 + 89	40 + 26	Open (2-Crosswalks)		1 26			
40 + 26	44 + 67	No Passing - Both Sides		24	23		
44 + 67	45 + 13	Open (4-Crosswalks)		10 26	8		
45 + 13	49 + 46	No Passing - Both Sides		24	22		
49 + 46	49 + 99	Open		1 26			
49 + 99	53 + 56	No Passing - Both Sides		20	19		
53 + 56	53 + 96	Open		1 26			
53 + 96	58 + 63	No Passing - Both Sides		26	24		
58 + 63	58 + 98	Open		1 26			
58 + 98	64 + 34	No Passing - Both Sides		30	28		
64 + 34	64 + 75	Open		1 26			
64 + 75	68 + 93	No Passing - Both Sides		24	22		
68 + 93	69 + 26	Open		1 26			
69 + 26	76 + 38	No Passing - Both Sides		38	36		
76 + 38	76 + 40	Open					
		KILAUEA AVE (Toward Keaau)					
- 2 + 00	- 0 + 45	No Passing - Both Sides			8 26		
- 2 + 00	- 0 + 45	Channelized Lanes	32	18 26			
		KILAUEA/PUAINAKO INTER.					
- 0 + 45	0 + 45	Open (4-Crosswalks)					
		KILAUEA AVE. (Toward Hilo)					
0 + 40	2 + 00	No Passing - Both Sides			8 26		
0 + 40	2 + 00	Channelized Lanes	32	22 26			
		TOTALS	64	295	383		

* Refer to Standard Plans, nos. TE-30, TE-32, TE-33 and Plan Sht. Nos. 4 & 5 for Details.

VALVE BOX, MANHOLE RECOVERY SCHEDULE **

STATION		OFFSET FROM &		REMARKS	STATION		OFFSET FROM &		REMARKS
		LT.	RT.				LT.	RT.	
0 + 01			9'-8"	M.H., 19"D. (Gas)	40 + 21.4			7'-5"	V.B., 15"x17"
0 + 20.8	48'-6"			V.B., 15"x17"	44 + 72			5'-0"	" "
0 + 20.8			15'-0"	" 17"x17"	44 + 75.5			2'-0"	" "
0 + 23.9	54'-0"			" 15"x17"	44 + 76			14'-0"	" "
0 + 24.5	24'-2"			" 17"x17"	44 + 78			5'-0"	" "
0 + 27.8			15'-0"	" "	44 + 90				Traffic Signal Pullbox (6 Each)
0 + 28	21'-7"			" "	44 + 90			55'-0"	V.B., 15"x17"
0 + 29.5	17'-9"			" 15"x17"	44 + 90			48'-0"	M.H., 24"D.
0 + 34.6	5'-3"			M.H., 23"D.	49 + 76.7			3'-6"	V.B., 15"x17"
5 + 07			10'-7"	V.B., 6"D. (Gas)	49 + 81.2	0			" "
5 + 65.5			14'-3"	" 15"x17"	49 + 92.1	19'-2"			" "
5 + 70.1			10'-1"	" "	53 + 85.5			10'-5"	" , 13"D.
5 + 70.2			18'-6"	" "	53 + 88.5			7'-1"	" "
5 + 73.6			14'-3"	" "	53 + 91.5			10'-5"	" "
5 + 74.7	9'-4"			M.H., 23"D.	58 + 85.6			1'-2"	" "
13 + 72			7'-6"	V.B., 15"x17"	58 + 88	15'-6"			" "
13 + 73			12'-0"	" "	58 + 88.5			4'-6"	" "
13 + 78			7'-6"	" "	58 + 90.7	12'-10"			" "
14 + 05			9'-0"	" "	61 + 75	14'-0"			M.B., 15"x17"
15 + 79			15'-0"	" "	64 + 05	14'-0"			V.B., 13"D.
21 + 57			8'-11"	" , 13"D.	64 + 07	14'-0"			M.B., 15"x17"
21 + 59.5			6'-4"	" "	64 + 15	14'-0"			V.B., 13"D.
21 + 62			8'-11"	" "	64 + 35.3	13'-8"			" , 15"x17"
21 + 90			9'-8"	" "	64 + 48.8	13'-8"			" "
25 + 31			10'-3"	" 15"x17"	65 + 61.7			1'-7"	" , 13"D.
25 + 35			12'-8"	" "	65 + 62.4			3'-11"	" "
34 + 99			4'-4"	" "	68 + 96.9	16'-0"			" , 15"x17"
					69 + 81.5			11'-0"	" "
					TOTAL		53 60 Each		

** Sizes, locations, and number of valve boxes to be adjusted may vary and shall be determined by the engineer in the field.

ADJUSTED & SURVEY MONUMENT SCHEDULE ^Δ

PROJ. NO. (EXIST.)	STATION	& OFFSET	REMARKS
G-3221-01-62	0 + 00	&	Kilauea Ave.
"	21 + 73.5	&	Kehaulani St.
TOTAL: 2 Each			

- Δ NOTE
1. Refer to Standard Plans, no. D-06 for details.
 2. Contractor to avoid paving over the following & monuments:

200E-01-77M	49 + 73.46	19.4' Lt	Pohakalani St.
"	53 + 76	19.5' Lt	Kuhilani St.
"	58 + 76	20.3' Lt	Wainohia St.

RECONSTRUCTED STREET SURVEY MONUMENT SCHEDULE ^{ΔΔ}

PROJ. NO. (EXIST.)	STATION	& OFFSET	REMARKS
G-3221-01-62	0 + 34	8.5' Lt.	
"	5 + 52.34	&	Kinoole St.
"	15 + 69.48	&	Pamala St.
200E-01-77M	44 + 89.25	&	Iwalani St.
TOTAL: 4 Each			

ΔΔ Refer to Standard Plans, no. D-07 for details.

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PAV'T MARKER, MONUMENT,
AND VALVE BOX SCHEDULES

PUAINAKO STREET RESURFACING
KILAUEA AVENUE TO KOMOHANA STREET
PROJ. NO. 2000E-01-90M

No. Scale _____ Date: Aug. 1986

SHEET NO. 3 OF 3 SHEETS

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