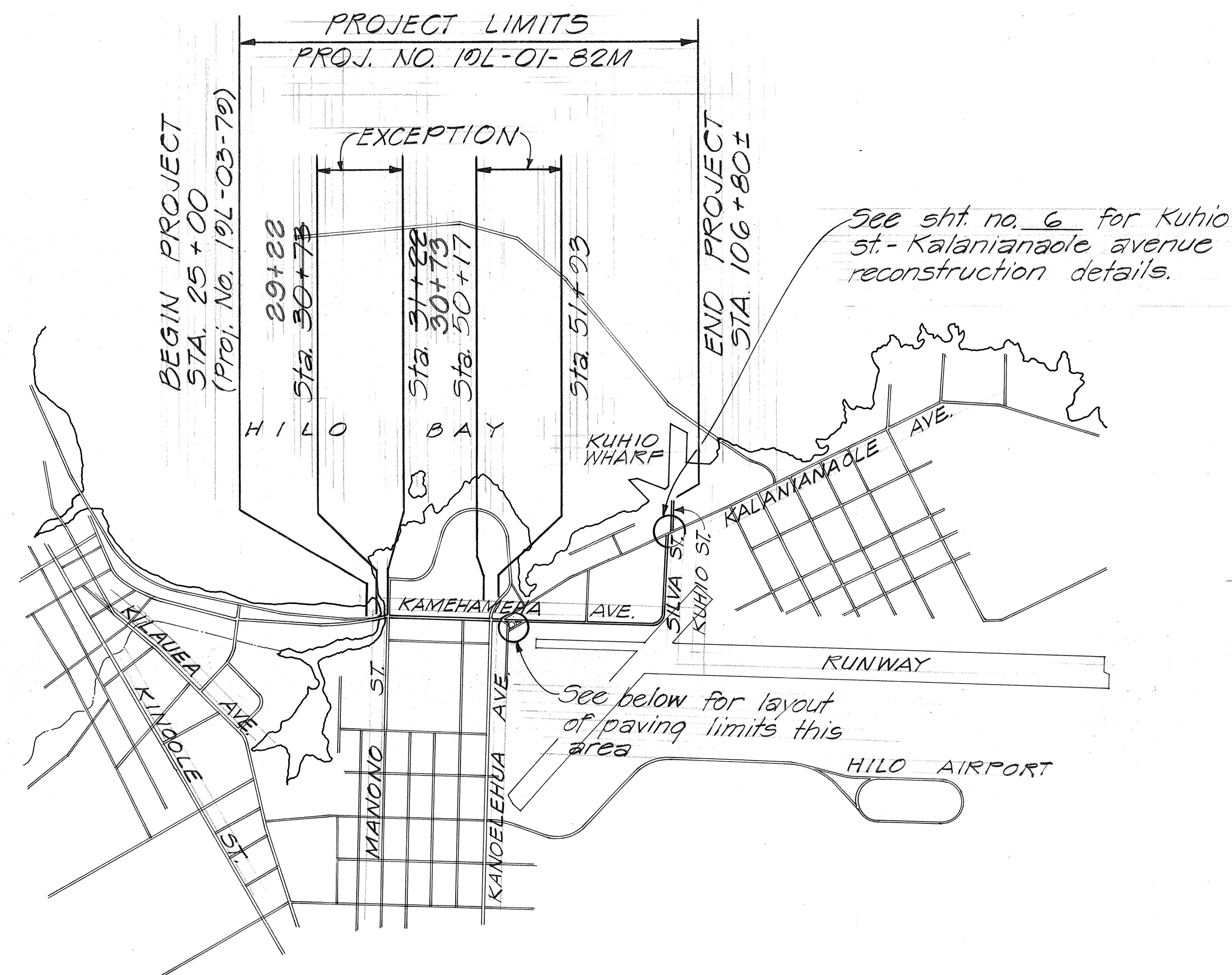
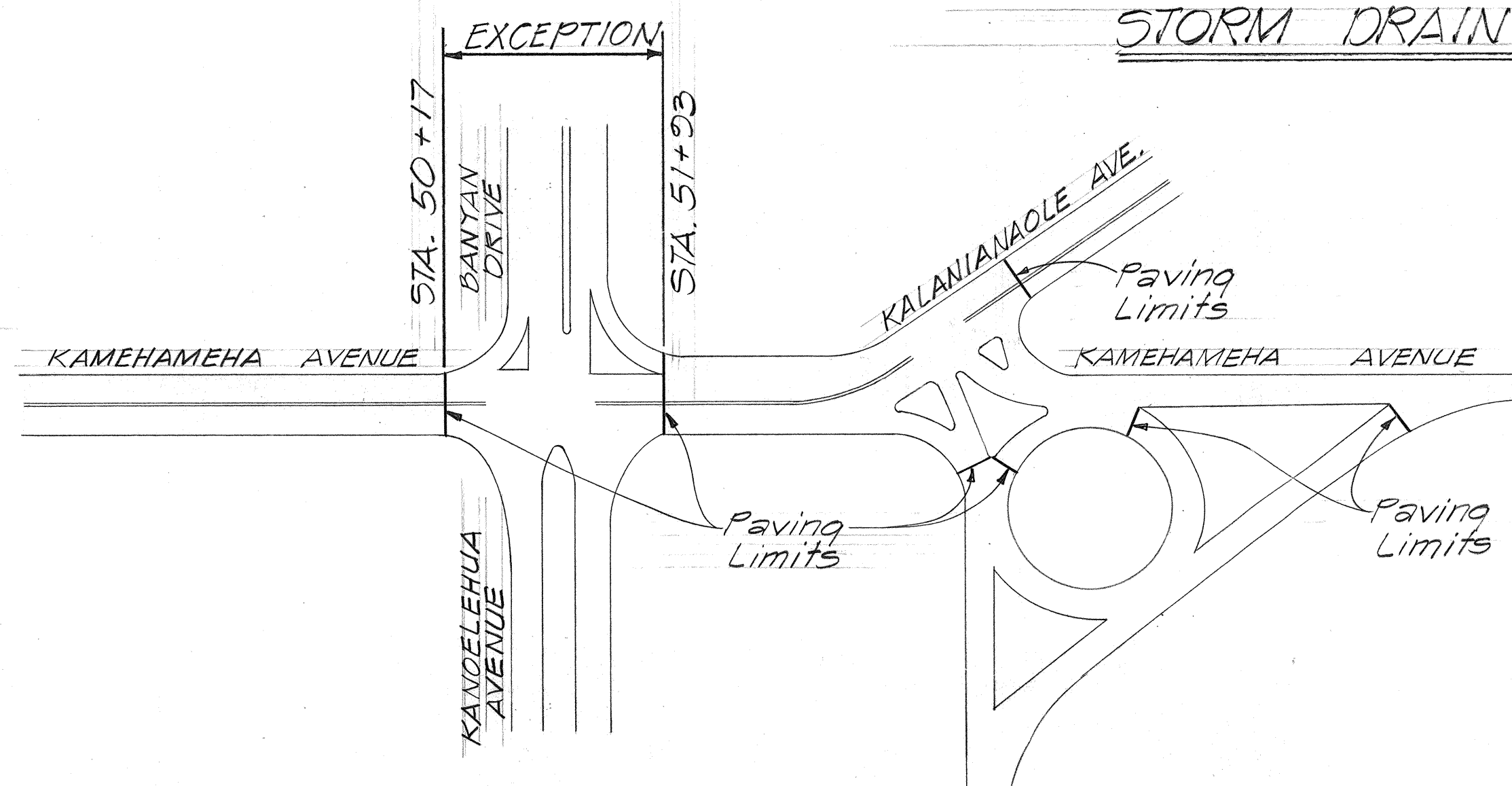
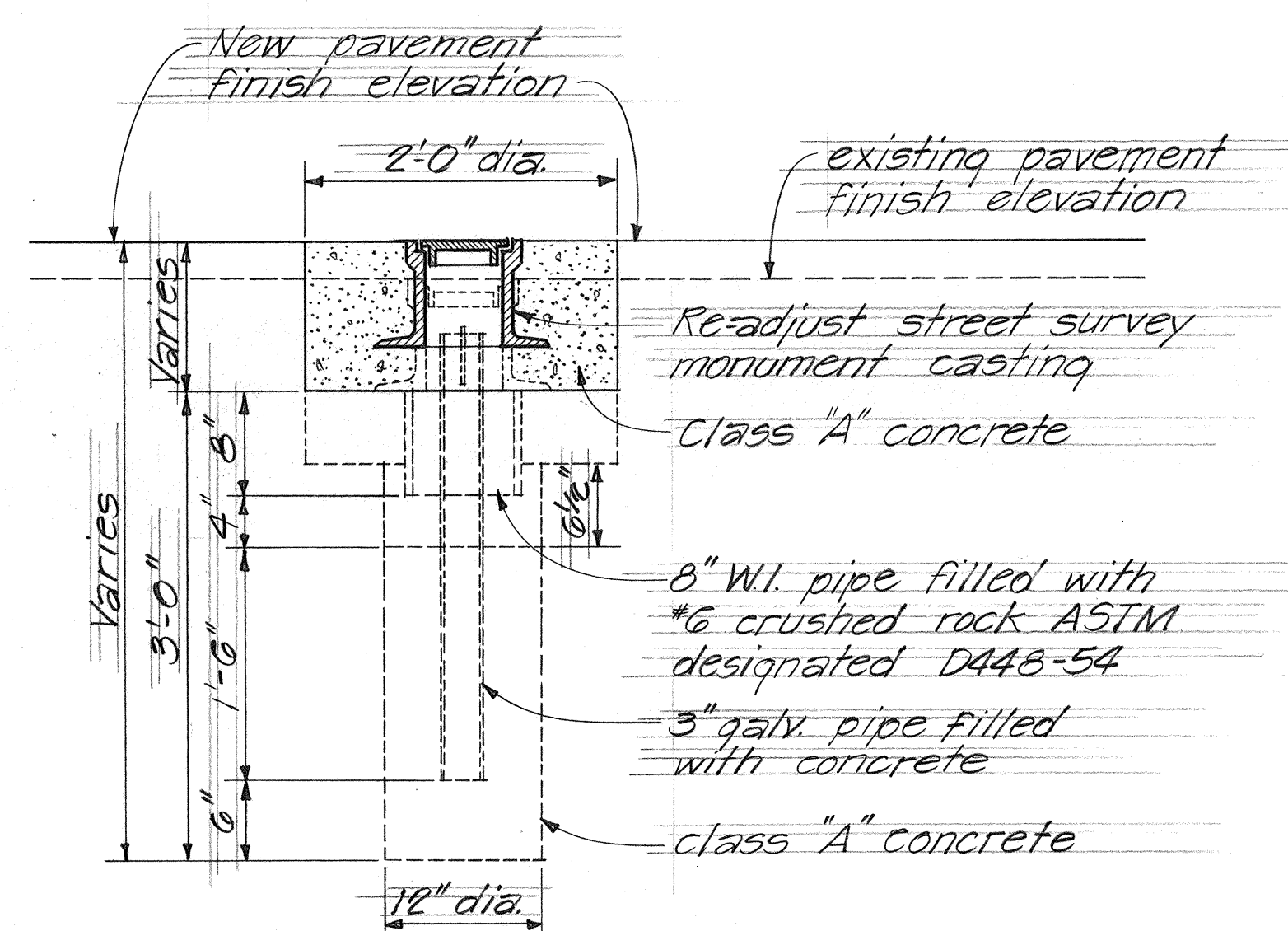
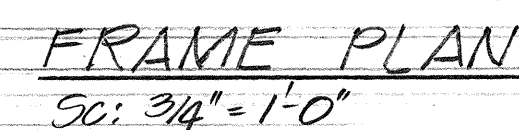
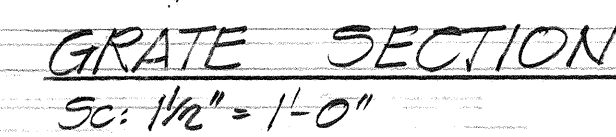
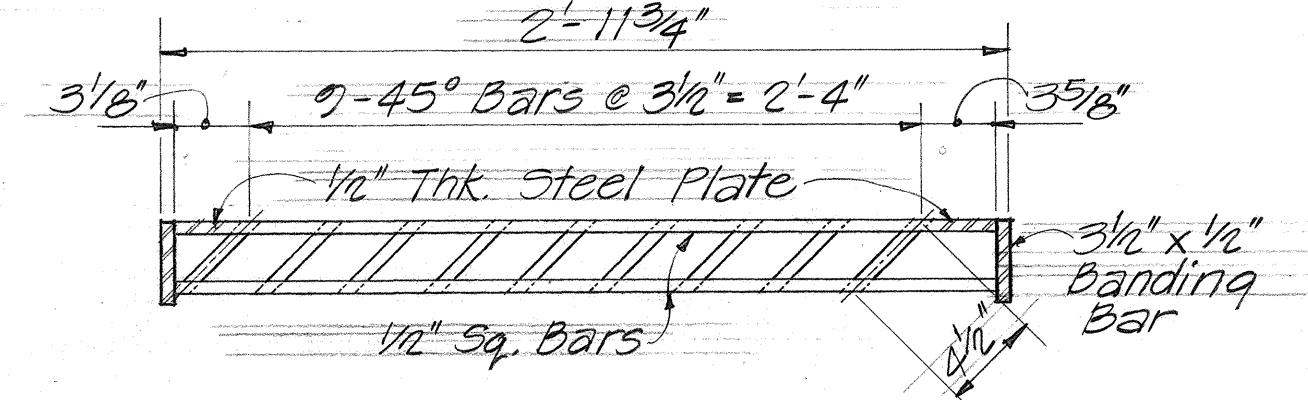
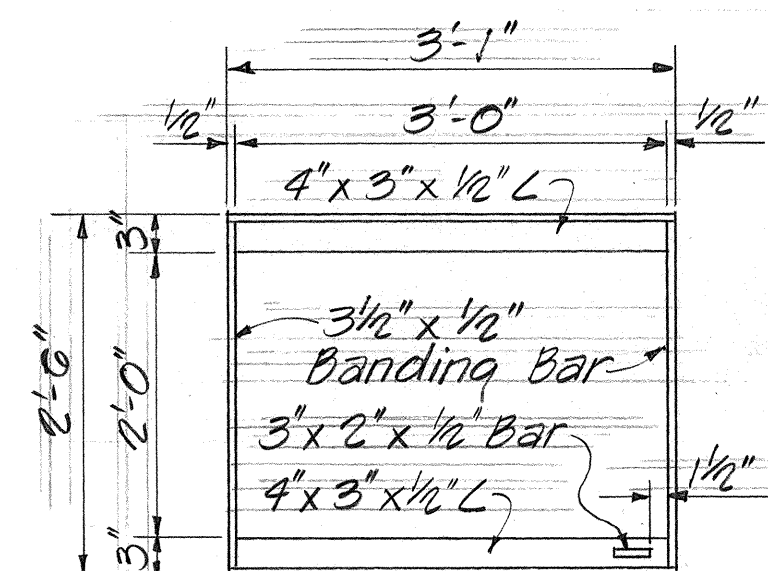
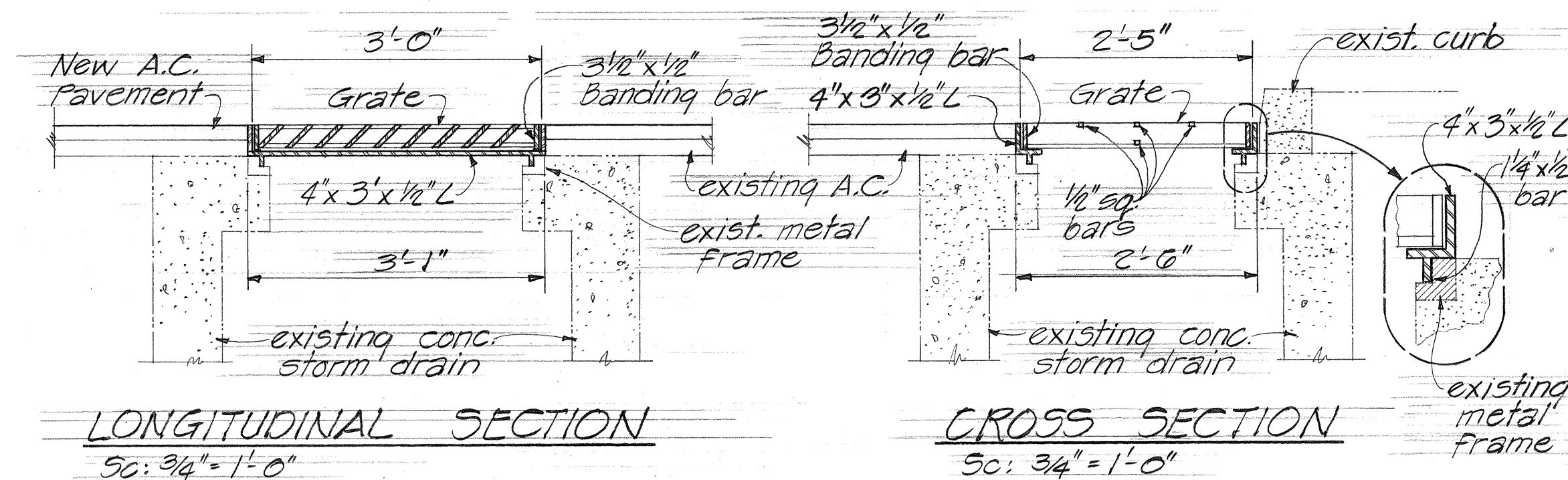


FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	101- 01-82M	1981	5	15

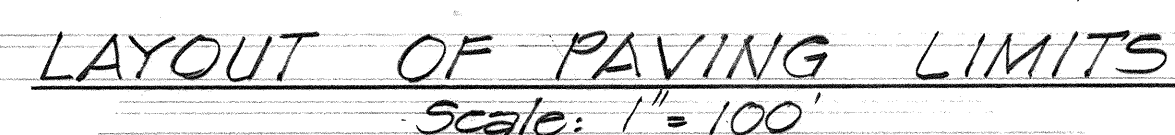
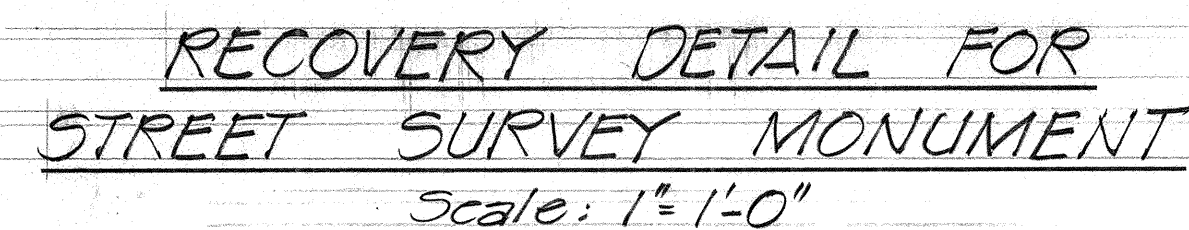


STATION		DESCRIPTION	TYPE				
FROM	TO		A	C	D	H	J
25 + 00	30 + 73		120	30	29		
30 + 73	31 + 22	Intersection Guide Line	59				
31 + 22	33 + 35		110	23	11		
33 + 35	40 + 40		144	36	13	59	
40 + 40	50 + 17		200	50	49		
50 + 17	51 + 93	Exception-Intersection					
51 + 93	OLD AIRPORT ROAD INT.		52	16	24		
OLD AIRPORT ROAD INT.	KUHIO WHARF			8	148	75	412
KAL - SILVA - KUHIO INT.			12	10	16	3	28
TOTALS			706	173	290	137	440



- NOTE:
1. Grates and frames shall be hot dip galvanized after fabrication, see specifications.
 2. All welds $\frac{3}{16}$ " unless otherwise noted.
 3. The frame and grate materials shall conform to the specifications of ASTM Designation Structural Steel A283, Grade D and the standard Specifications.

RECOVERY & ADJUSTMENT SCHEDULE	
STATION/LOCATION	AMOUNT
<u>RECOVER & MONUMENTS</u>	
45 + 79 ±	1
MANONO-LIHIWAI - KAM. INT.	1
SILVA ST. - KAL ST. INT.	1
TOTAL	<u>3</u>
<u>WATER VALVE FRAME & COVER</u>	
26 + 50 L.	5
30 + 70 L.	2
31 + 00 R	4
31 + 75 R	1
37 + 00 R	3
39 + 35 R	3
44 + 60 R	2
44 + 90 R	1
45 + 75 L	1
53 + 68 R	5
59 + 20 R	1
KALANIANA'OLE ST.	<u>2</u>
TOTAL	<u>30</u>
<u>MANHOLE FRAME & COVER</u>	
26 + 38 R	1
31 + 00 R	2
40 + 06 R	1
48 + 92 R	1
53 + 40 R	1
KALANIANA'OLE ST.	<u>2</u>
TOTAL	<u>8</u>
<u>HANDHOLE FRAME & COVER</u>	
KALANIANA'OLE ST.	<u>3</u>
<u>STORM DRAIN FRAME & GRATING</u>	
25 + 60 R	1



STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

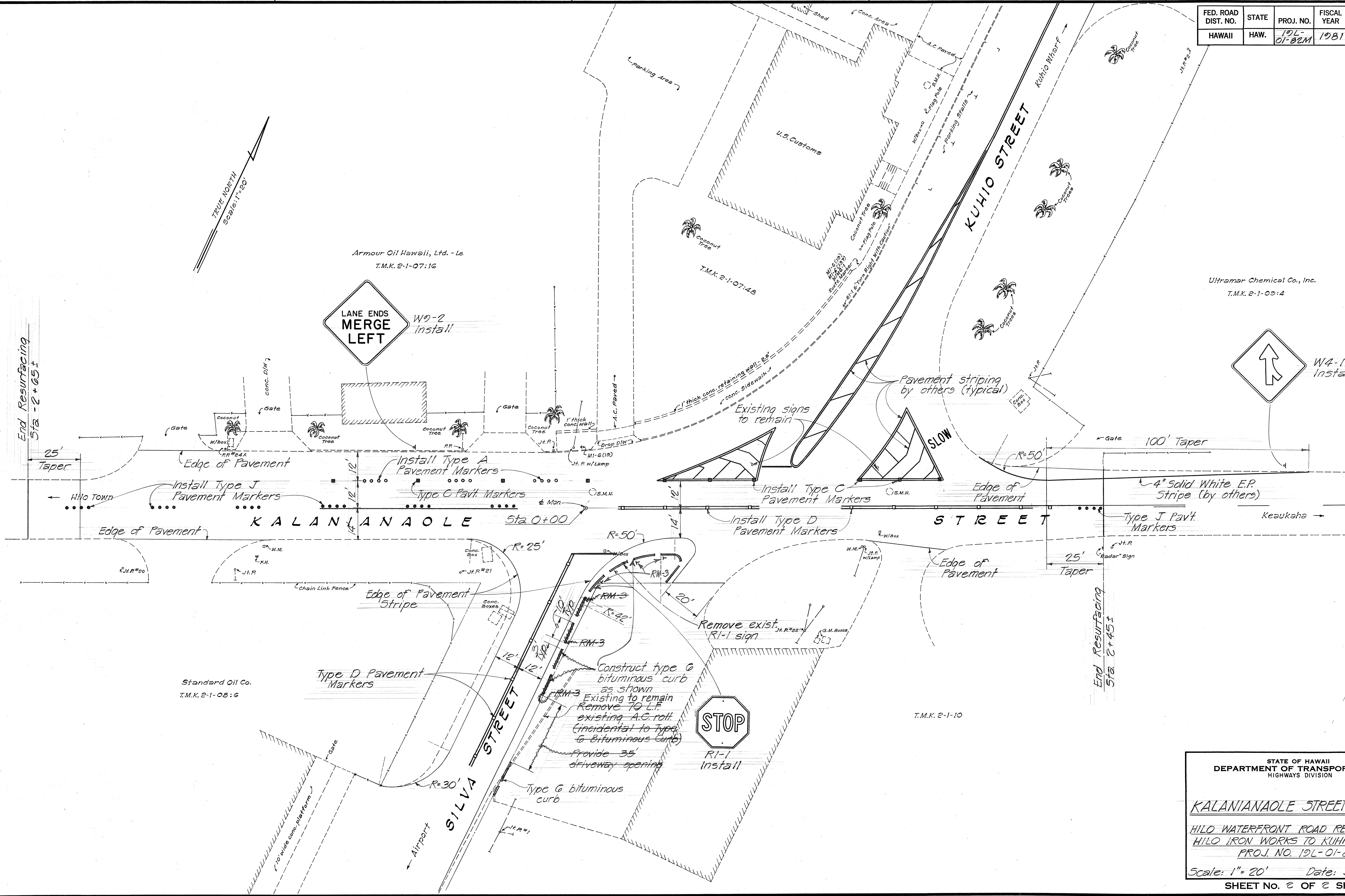
GENERAL LOCATION PLAN
AND DETAILS

HILO WATERFRONT RD. RESURFACING
HILO IRON WORKS TO KUHIO WHARF
PROJ. NO. 10L-01-82M

Scale: As Shown Date: July 1981

SHEET NO. 1 OF 2 SHEETS

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	19L-01-82M	1981	6	15



ORIGINAL PLAN	DATE
DRAWN BY	DATE
DESIGNED BY	DATE
NOTED BY	DATE
CHECKED BY	DATE

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

KALANIANA'OLE STREET DETAILS
HILO WATERFRONT ROAD RESURFACING
HILO IRON WORKS TO KUHIO WHARF
PROJ. NO. 19L-01-82M
Scale: 1" = 20' Date: July 1981
SHEET NO. 6 OF 6 SHEETS