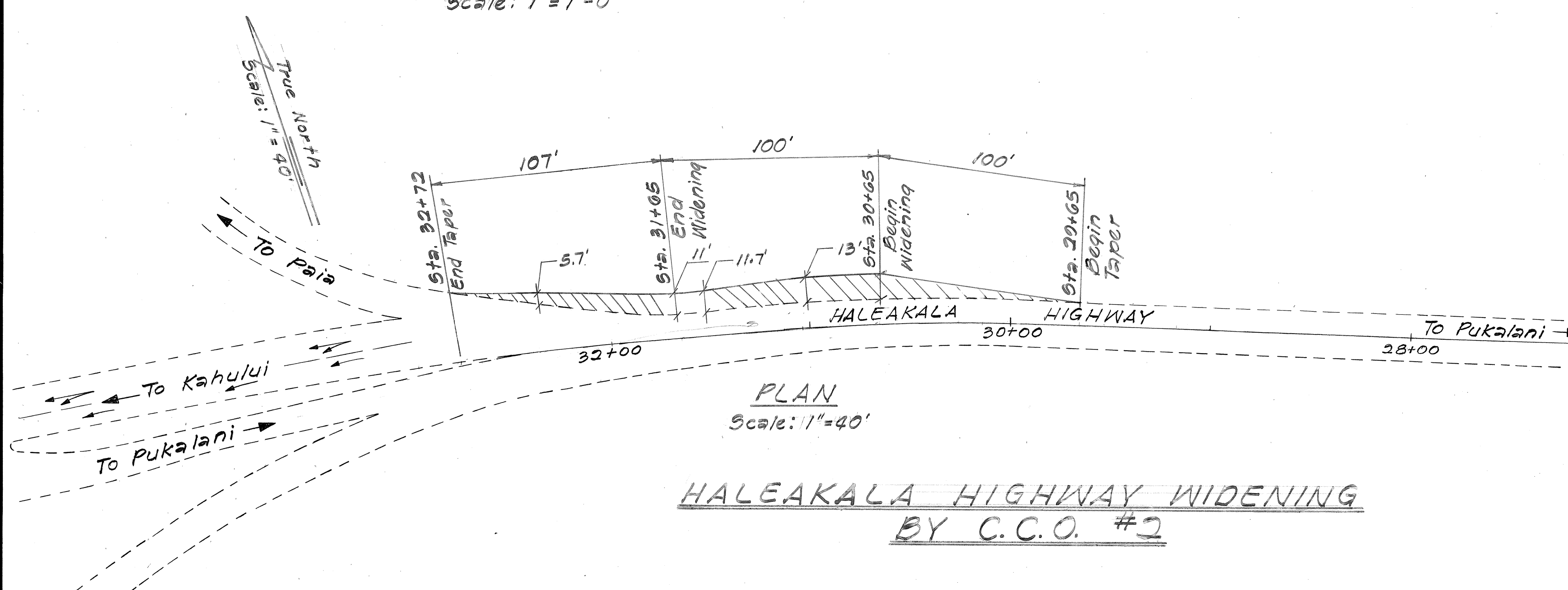
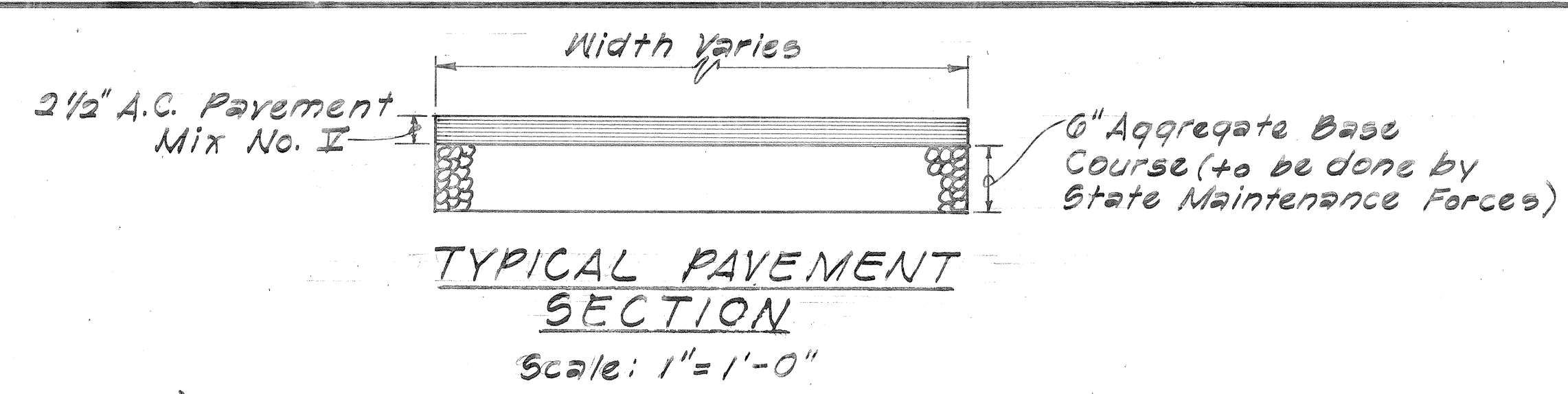
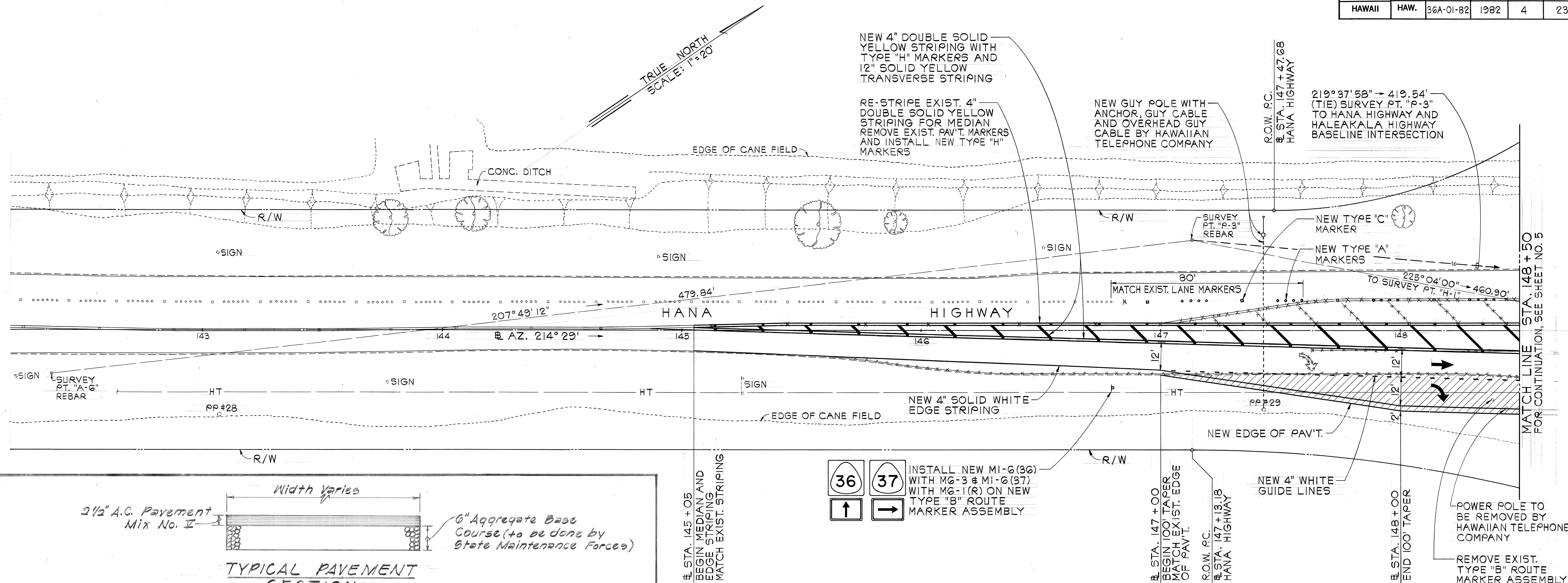


FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	36A-01-82	1982	4	23



SCHEDULE					
STA.	WIDENING WIDTH	LENGTH (L.F.)	AREA (S.F.)	COVERAGE P/TON (2 1/2")	TONNAGE
29+65	0	100	650	62	10.5
30+65	13	35	455	62	7.3
31+00	13	50	617.5	62	10.0
31+50	11.7	15	170.3	62	2.7
31+65	11	63	526.1	62	8.5
32+28	5.7	44	125.4	62	2.0
32+72	0				
TOTAL					41.0

NOTE:
 HANA HIGHWAY AND HALEAKALA HIGHWAY BASELINES BASED ON THE FOLLOWING:
 (a) RIGHT OF WAY MAP HALEAKALA ROAD FEDERAL AID PROJECT NO. E-5-E AND E-037-1(6).
 (b) RIGHT OF WAY MAP HANA HIGHWAY PROJECT NO. DANC8(1).
 (c) PUUNENE 2 (1950) Δ

REGISTERED PROFESSIONAL ENGINEER
 No. 3246
 HAWAII, U.S.A.
 Signature: *Sheldon S. Kawahigashiki*

STATE OF HAWAII
 DEPARTMENT OF TRANSPORTATION
 HIGHWAYS DIVISION
 GEOMETRICS AND STRIPING PLAN
 HANA HIGHWAY
 TRAFFIC SIGNALS AT
 HALEAKALA HIGHWAY
 PROJECT NO. 36A-01-82
 SCALE: AS SHOWN DATE: 4-20-82
 SHEET NO. 1 OF 2 SHEETS

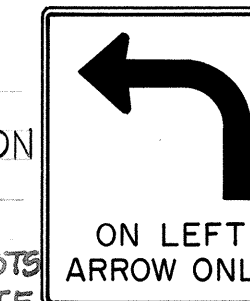
ORIGINAL PLAN
 SURVEY PLOTTED BY
 DESIGNED BY
 NOTE BOOK
 QUANTITIES BY
 CHECKED BY

HALEAKALA HIGHWAY WIDENING
 BY C.C.O. #2

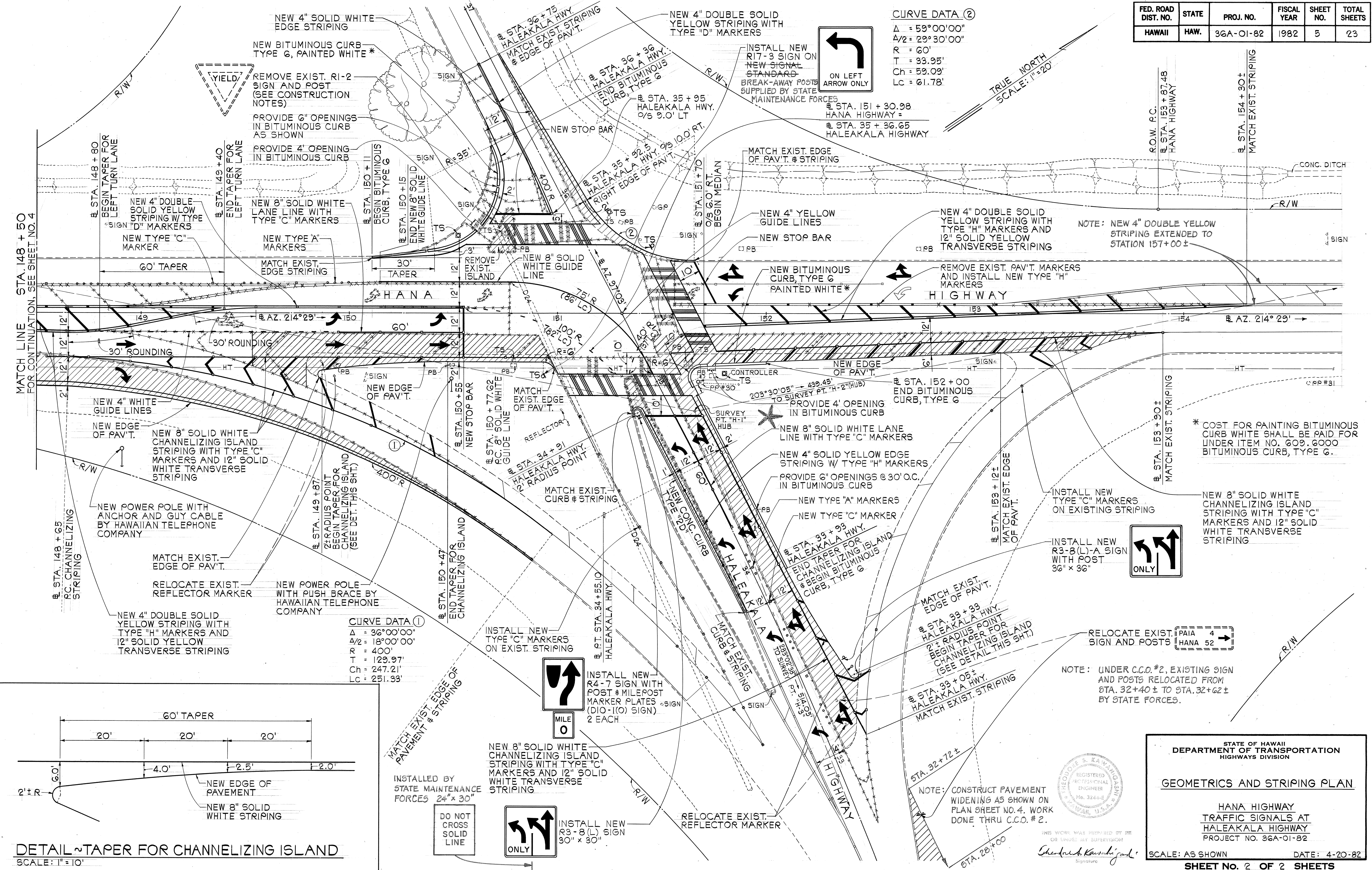
FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	36A-01-82	1982	5	23

CURVE DATA ②

$\Delta = 59^{\circ}00'00''$
 $\Delta/2 = 29^{\circ}30'00''$
 $R = 60'$
 $T = 33.95'$
 $Ch = 59.09'$
 $Lc = 61.78'$



TRUE NORTH
SCALE: 1" = 20'



DETAIL TAPER FOR CHANNELIZING ISLAND

SCALE: 1" = 10'

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

GEOMETRICS AND STRIPING PLAN

HANA HIGHWAY
TRAFFIC SIGNALS AT
HALEAKALA HIGHWAY
PROJECT NO. 36A-01-82

SCALE: AS SHOWN DATE: 4-20-82

SHEET NO. 2 OF 2 SHEETS

SURVEY PLOTTED BY	DATE
DRAWN BY	
TRACED BY	
NOTED BY	
CHECKED BY	
ORIGINAL PLAN	
NOTE BOOK	
NO.	