

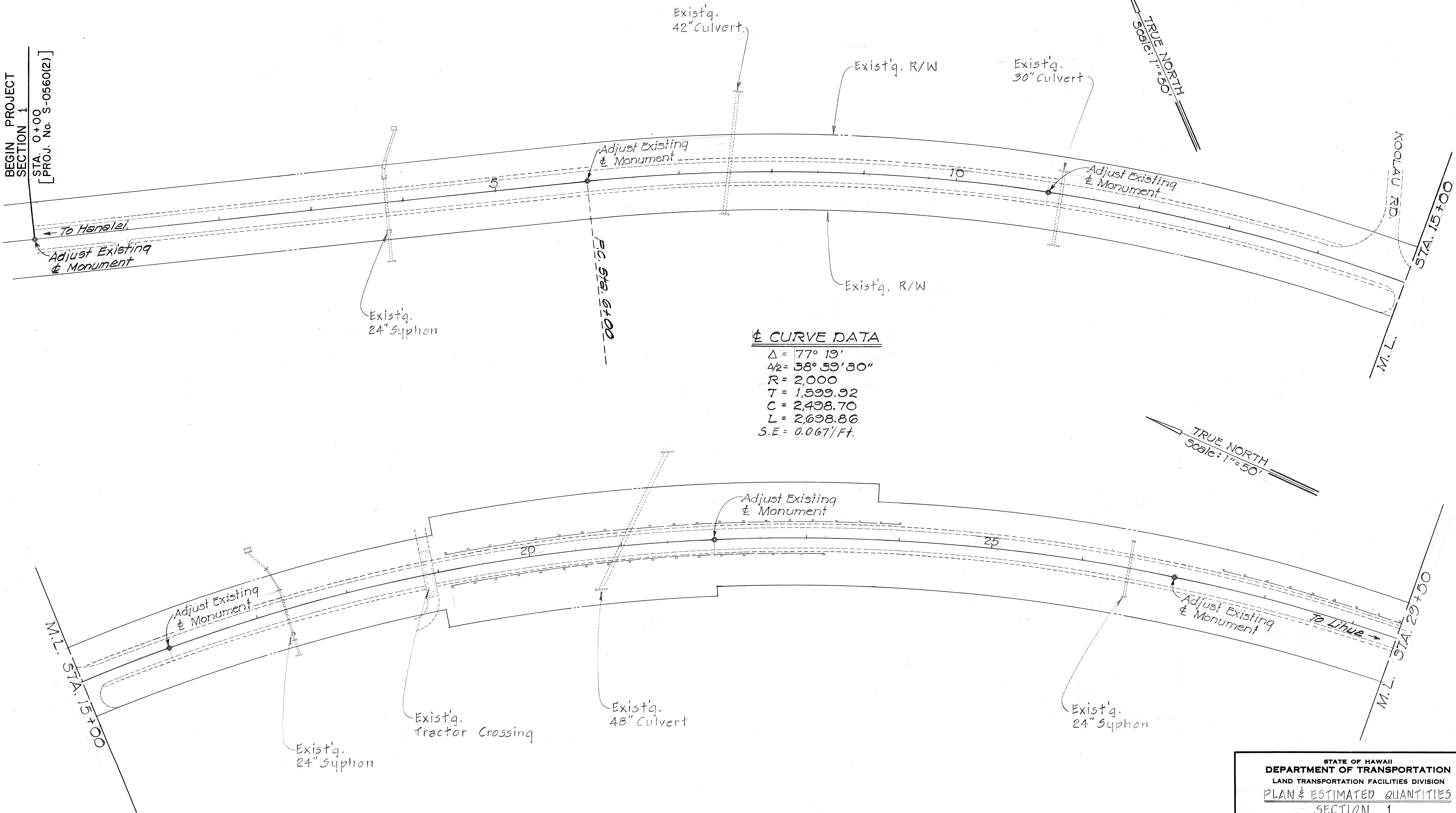
FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	56C-01-81M	1981	4	9

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

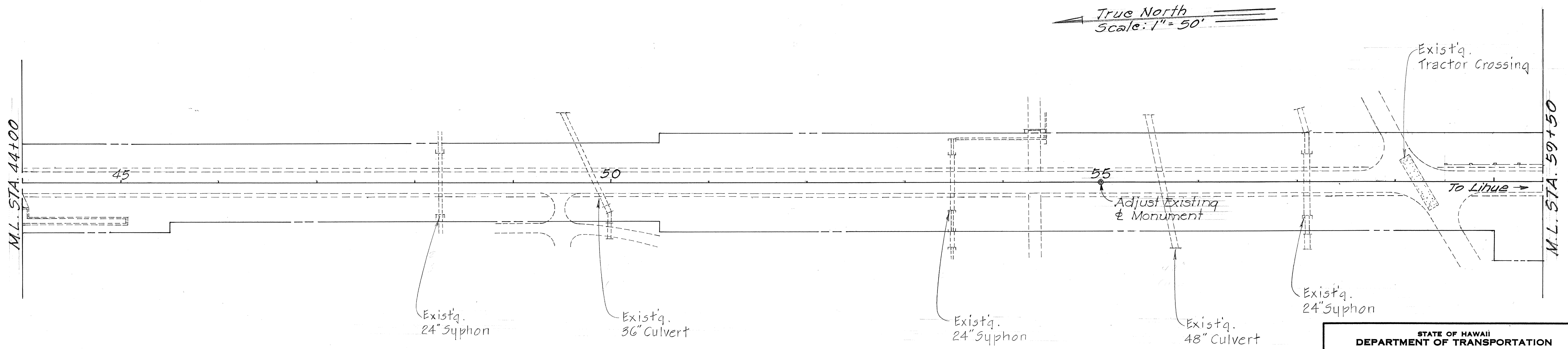
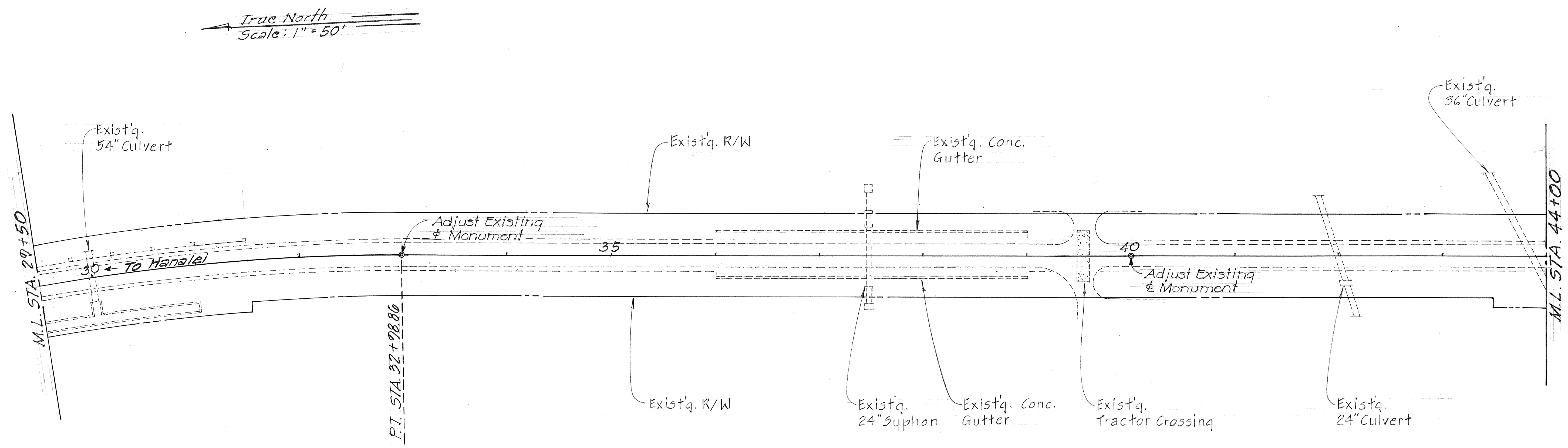
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
LAND TRANSPORTATION FACILITIES DIVISION

PLAN & ESTIMATED QUANTITIES
SECTION 1
PILAA - MOLOAA
KUHIO HIGHWAY RESURFACING
MOLOAA - PILAA
PROJ. No. 56C-01-81M
Scale: As shown

JULY 1986
SHEET NO. 1 OF 5 SHEETS



FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	56C-01-81M	1981	5	9



ORIGINAL PLAN	SURVEY PLOTTED BY	DATE
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STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
LAND TRANSPORTATION FACILITIES DIVISION

PLAN & ESTIMATED QUANTITIES
SECTION 1
PILAA - MOLOAA
KUHIO HIGHWAY RESURFACING
MOLOAA - PILAA
PROJ. No. 56C-01-81M
Scale: As Shown

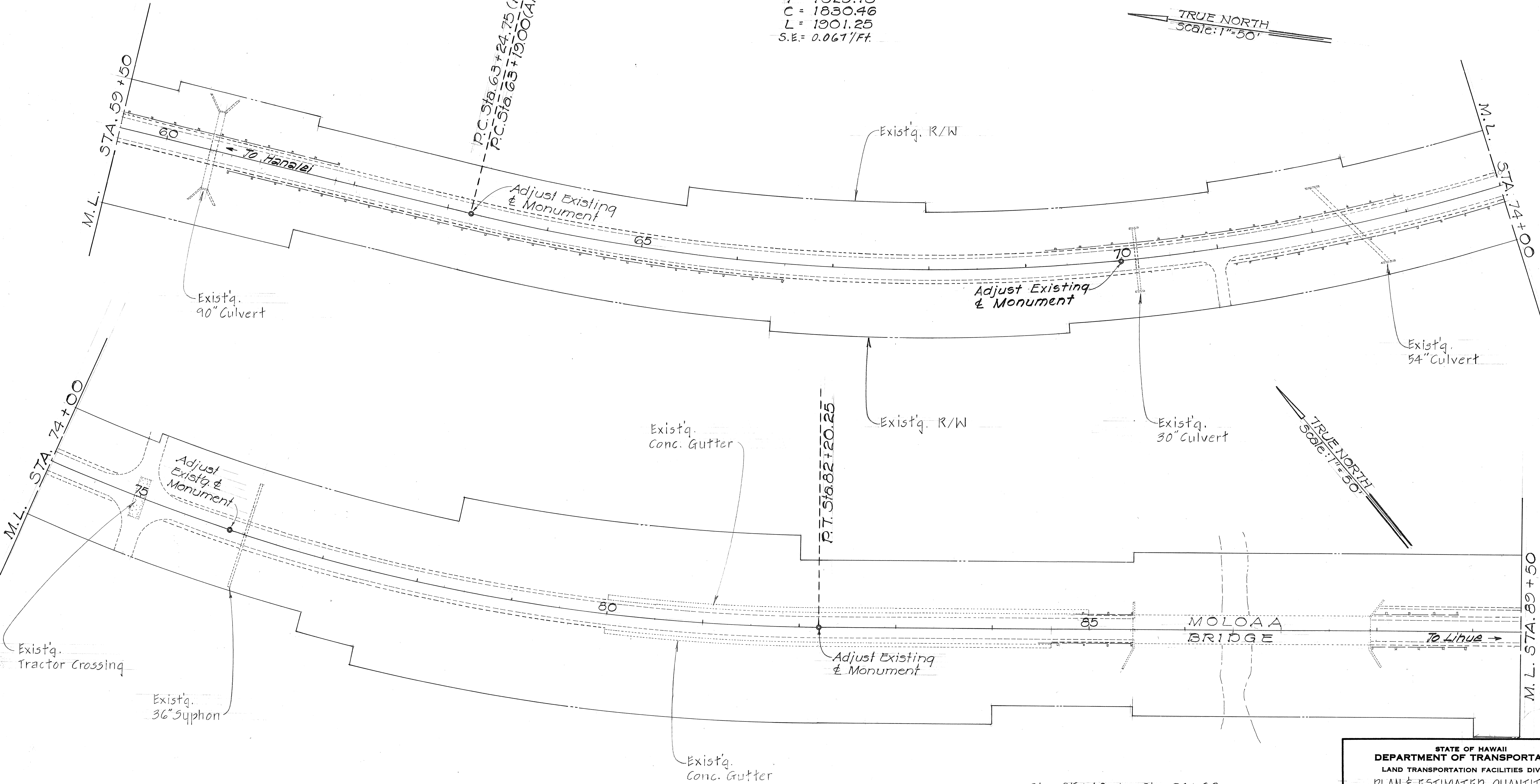
JULY 1986
SHEET NO. 2 OF 5 SHEETS

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	56C-01-86M	1987	6	9

± CURVE DATA

$\Delta = 54^\circ 28'$
 $\Delta/2 = 27^\circ 14'$
 $R = 2,000.00$
 $T = 1029.15$
 $C = 1830.46$
 $L = 1901.25$
 $S.E. = 0.067'/\text{ft.}$

TRUE NORTH
Scale: 1"=50'



DATE	
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NOTE BOOK	
No.	

Sta. 85+42 to Sta. 81+98

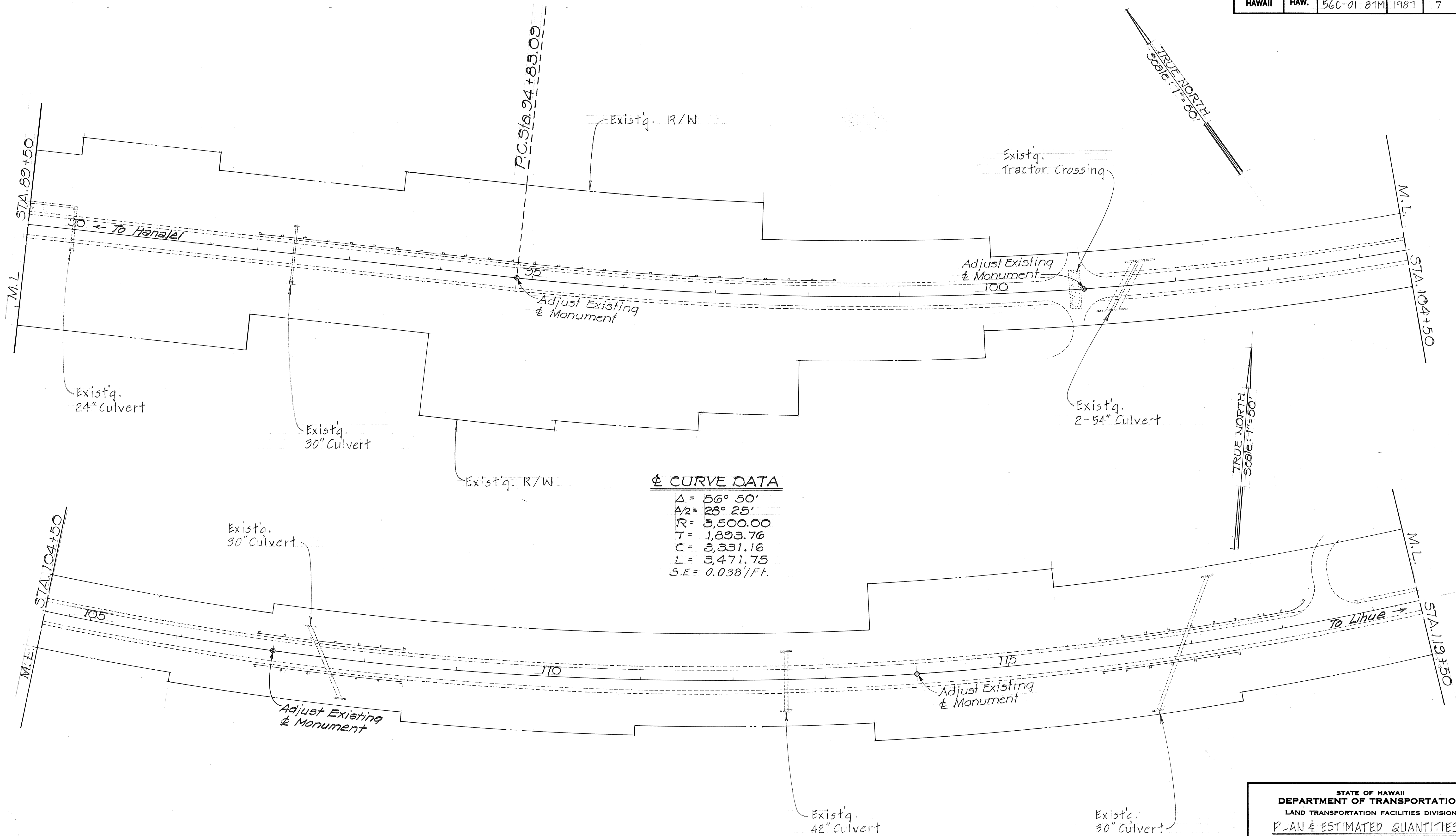
Cold plane existing pavement and
 resurface with 1 1/2" A.C. Pavement
 Mix No. V.

For details see Plan Sht. No. 2

Approximate Area = 683 Sq. Yd.

STATE OF HAWAII	
DEPARTMENT OF TRANSPORTATION	
LAND TRANSPORTATION FACILITIES DIVISION	
PLAN & ESTIMATED QUANTITIES	
SECTION 1	
PILAA - MOLOAA	
KUHIO HIGHWAY RESURFACING	
MOLOAA - PILAA	
PROJ. No. 56C-01-87M	
Scale: As shown	July 1986
SHEET NO. 3 OF 5 SHEETS	

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	56C-01-81M	1981	7	9



⊕ CURVE DATA

$\Delta = 56^\circ 50'$
 $A/2 = 28^\circ 25'$
 $R = 3,500.00$
 $T = 1,823.76$
 $C = 3,331.16$
 $L = 3,471.75$
 $S.E. = 0.038'/ft.$

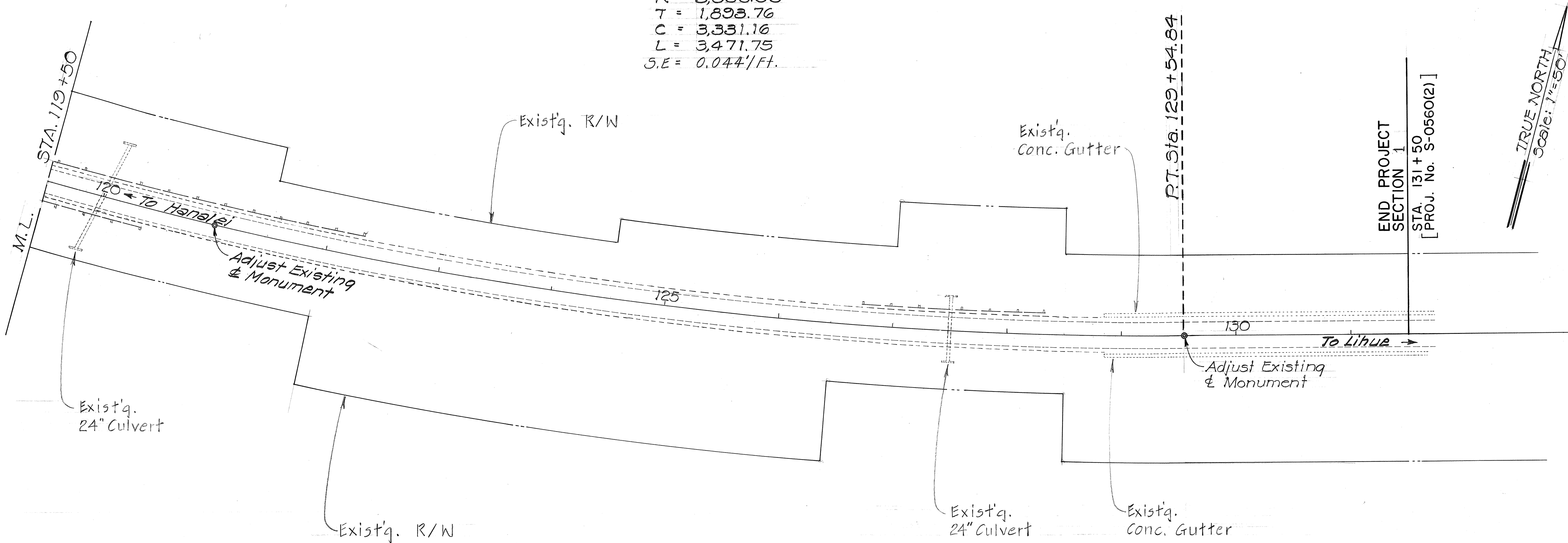
ORIGINAL PLAN	SURVEY PLOTTED BY	DATE
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NOTED BY		
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No.		

STATE OF HAWAII
 DEPARTMENT OF TRANSPORTATION
 LAND TRANSPORTATION FACILITIES DIVISION
 PLAN & ESTIMATED QUANTITIES
 SECTION 1
 PILAA - MOLOAA
 KUHIO HIGHWAY RESURFACING
 MOLOAA - PILAA
 PROJ. No. 56C-01-81M
 Scale: As Shown July 1986
 SHEET NO. 4 OF 5 SHEETS

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	56C-01-81M	1981	8	9

CURVE DATA

$\Delta = 56^{\circ}50'$
 $\frac{\Delta}{2} = 28^{\circ}25'$
 $R = 3,500.00$
 $T = 1,893.76$
 $C = 3,331.16$
 $L = 3,471.75$
 $S.E. = 0.044'/ft.$



PILAA - MOLOAA SECTION (SECTION 1)
Sta. 0+00 to Sta. 131+50 [S-0560(2)]

Est. Quant.			
Reinforcing Fabric	=	31,142	S.Y.
SS-1 Tack Coat	=	6,444	Gal.
A.C. Pav't. Mix V	=	3,939	Tons
Striping (Paint)	=	121+04	Gal.
(Yellow 14 Gal. & White 87 Gal.)			
Cold Plane Exist'g Pav't.	=	683	S.Y.
Adjusting & Mon.	=	19	E.a.

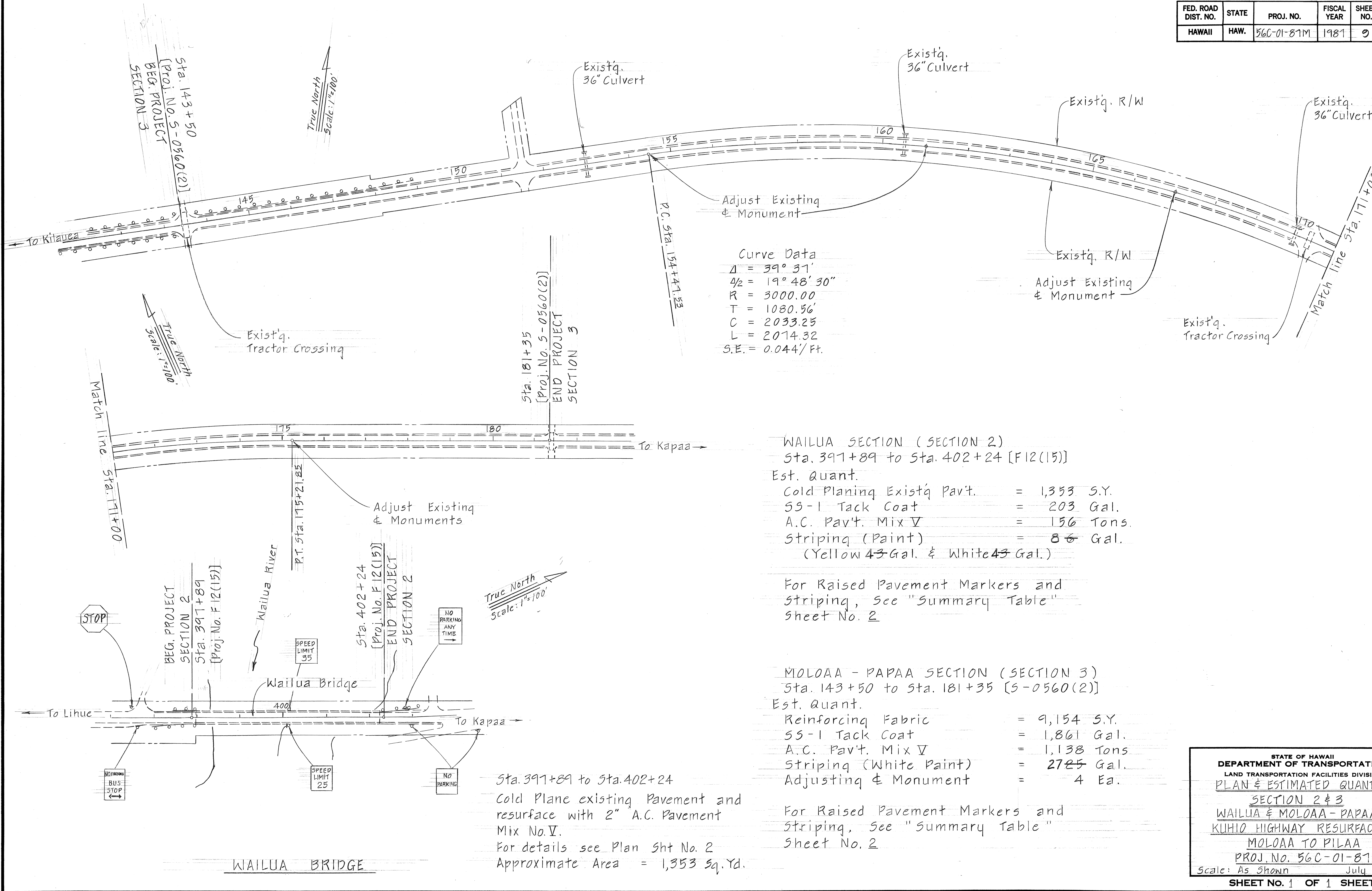
For Raised Pavement Markers and Striping,
See "Summary Table" Sheet No. 2

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
LAND TRANSPORTATION FACILITIES DIVISION

PLAN & ESTIMATED QUANTITIES
SECTION 1
PILAA - MOLOAA
KUHIO HIGHWAY RESURFACING
MOLOAA - PILAA
PROJ. No. 56C-01-81M
Scale: As Shown July 1986
SHEET No. 5 OF 5 SHEETS

SURVEY PLOTTED BY	DATE
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TRACED BY	
QUANTITIES BY	
CHECKED BY	
NO.	

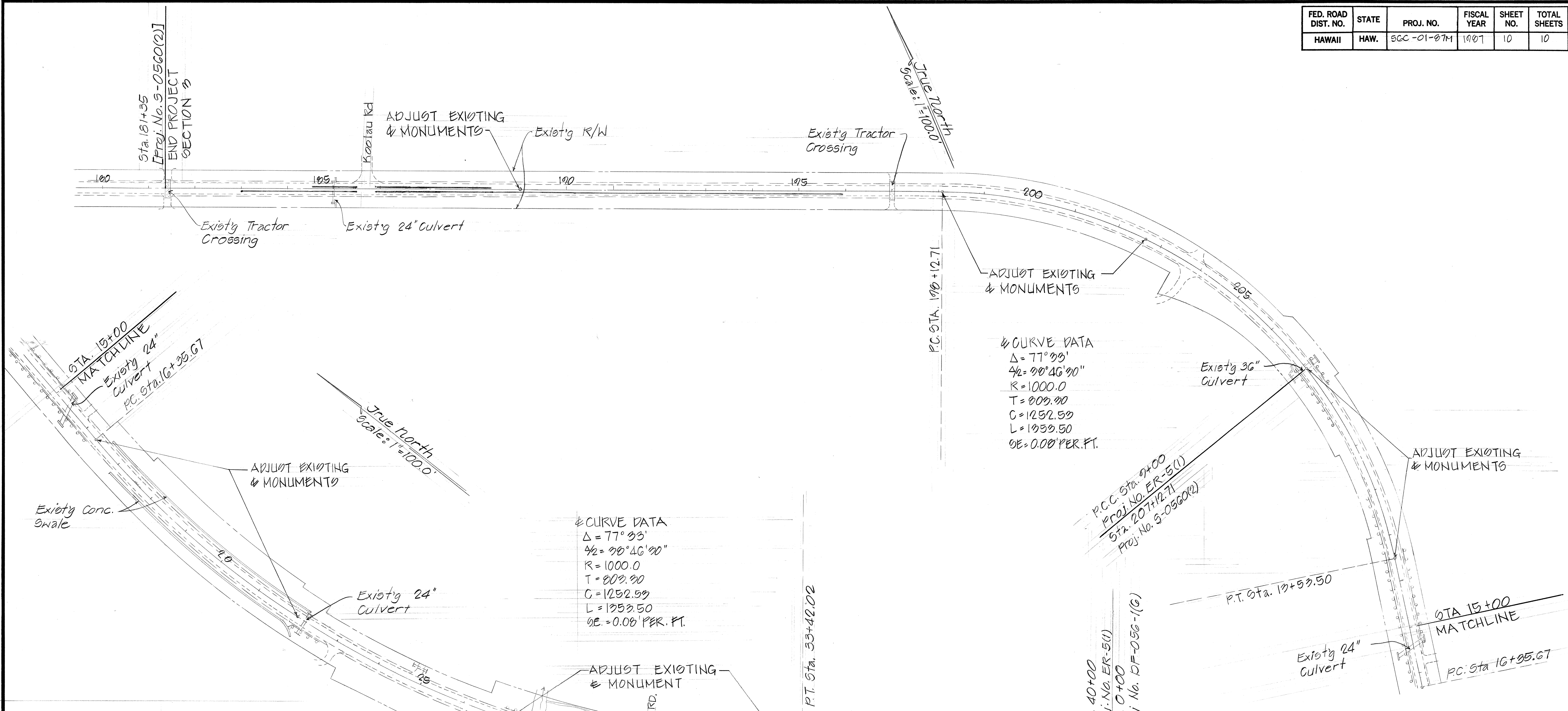
FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	56C-01-81M	1981	9	9



D-4-9

SURVEY PLOTTED BY	DATE
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ORIGINAL PLAN	
NOTE BOOK	
No.	

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	SGC-01-07M	1907	10	10



SUMMARY-RAISED PAVEMENT MARKER & STRIPING						
SECTION 3 (CONTD)	STRIPING L.F.	PAVEMENT MARKER			ZONE	
STATION	±	E.P.	TYPED	TYPE	TYPE	
181+35 to 183+00		330	4		12+6	PASS
183+00 to 185+00	200	400	4 5	5	20	PASS/NO PASS
185+00 to 185+50	50	100	4 3			NO PASS
185+50 to 185+90			2			40' OPENING KOOLAU RD.
185+90 to 188+40	250	500	13			NO PASS
188+40 to 200+90	1250	2500	31	30	120	PASS/NO PASS
200+90 to 207+12.71	623	1246	31			NO PASS
(207+12.71 to 210+00)						
210+00 to 212+35	1320	2640	96			NO PASS
TOTAL	4293	8586	185	35	152	

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
LAND TRANSPORTATION FACILITIES DIVISION

PLAN & ESTIMATED QUANTITIES
SECTION 3 (ADDITIONAL)
MOLOAA - PAPAA
KUHIO HIGHWAY RESURFACING
MOLOAA TO PAPAA
PROJ. NO. SGC-01-07M

Scale: As Shown
FEB. 1907

SHEET NO. 1 OF 1 SHEETS