

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	19F-01-78M	1978	4	15

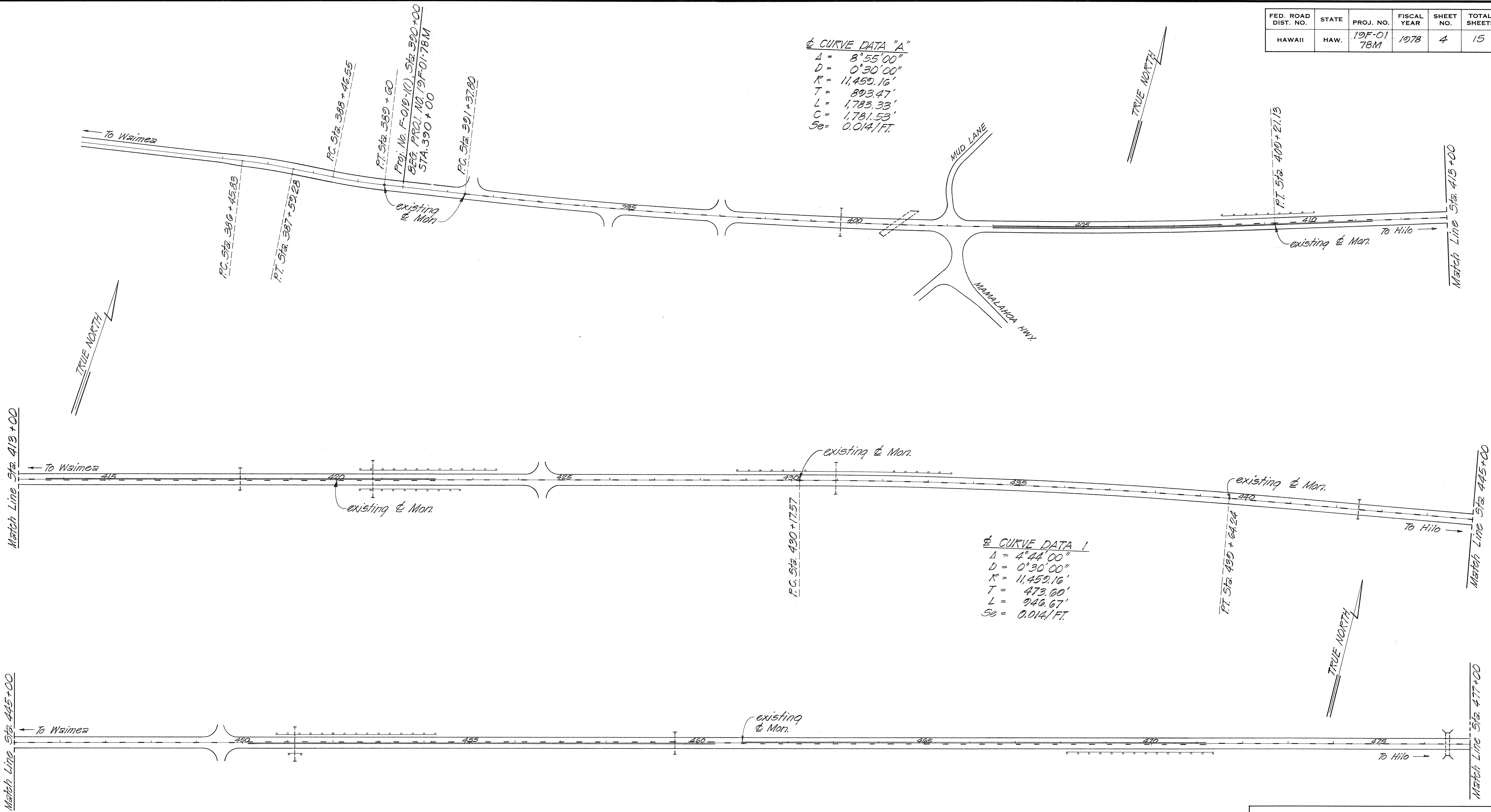
& CURVE DATA "A"
 $\Delta = 8^{\circ}55'00''$
 $D = 0^{\circ}30'00''$
 $R = 11,459.16'$
 $T = 893.47'$
 $L = 1,783.33'$
 $C = 1,781.53'$
 $So = 0.014/FT.$

& CURVE DATA 1
 $\Delta = 4^{\circ}44'00''$
 $D = 0^{\circ}30'00''$
 $R = 11,459.16'$
 $T = 473.60'$
 $L = 940.67'$
 $So = 0.014/FT.$

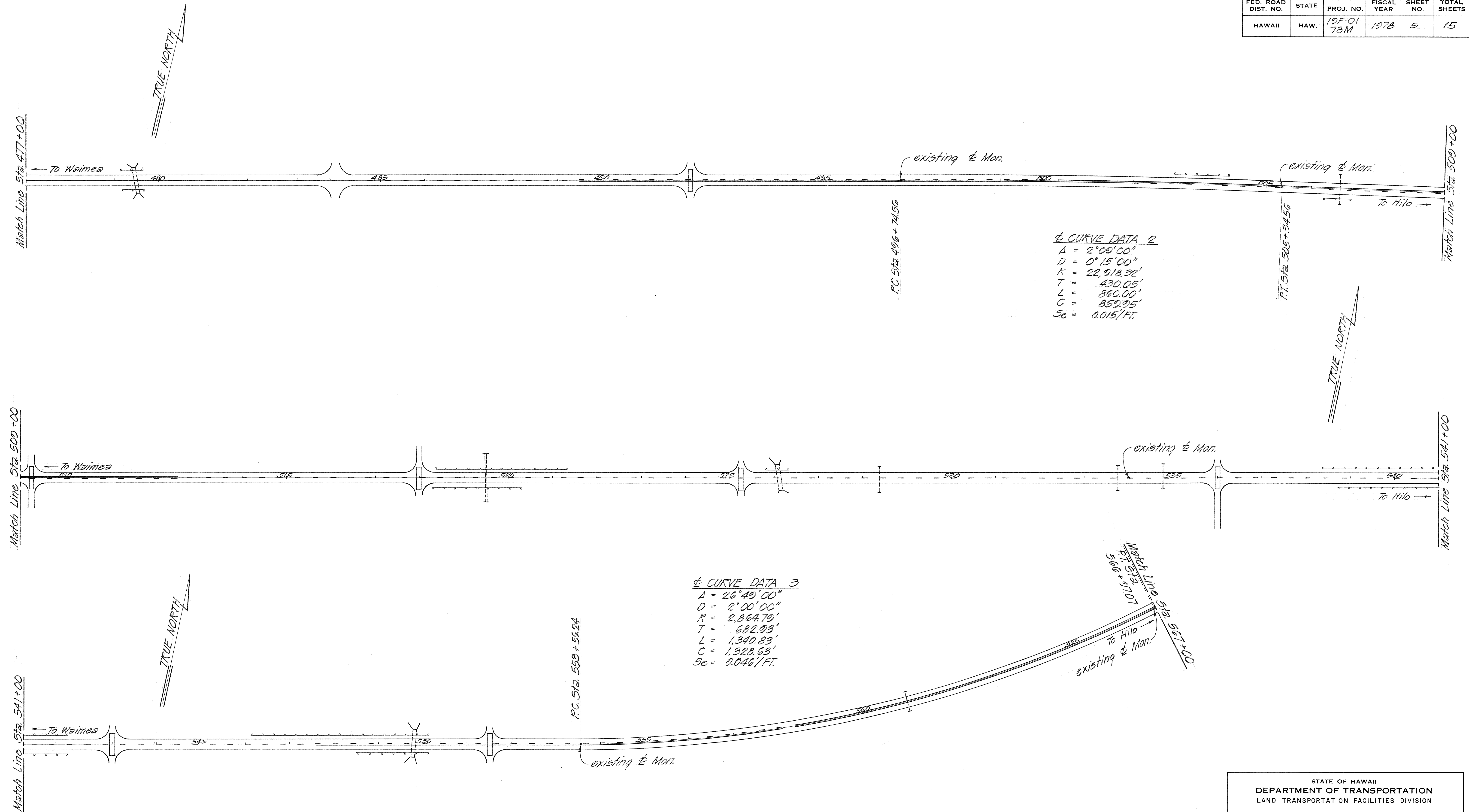
ORIGINAL PLAN	SURVEY PLOTTED BY	DATE
TRACED BY		
NOTED BY		
CHECKED BY		
NO.		

STATE OF HAWAII
 DEPARTMENT OF TRANSPORTATION
 LAND TRANSPORTATION FACILITIES DIVISION

ROADWAY PLAN
HAWAII BELT ROAD RESURFACING
MUD LANE TO HONOKAA
PROJ. NO. 19F-01-78M
 Scale: 1"=100' Date: Sept. 1977
 SHEET NO. 1 OF 6 SHEETS



FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	19F-01 78M	1978	5	15



ORIGINAL PLAN	SURVEY PLOTTED BY _____	DATE _____
NOTE BOOK	DRAWN BY _____	_____"
	TRACED BY _____	_____"
	DESIGNED BY _____	_____"
	QUANTITIES BY _____	_____"
NO. _____	CHECKED BY _____	_____"
	_____	_____

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
LAND TRANSPORTATION FACILITIES DIVISION

ROADWAY PLAN

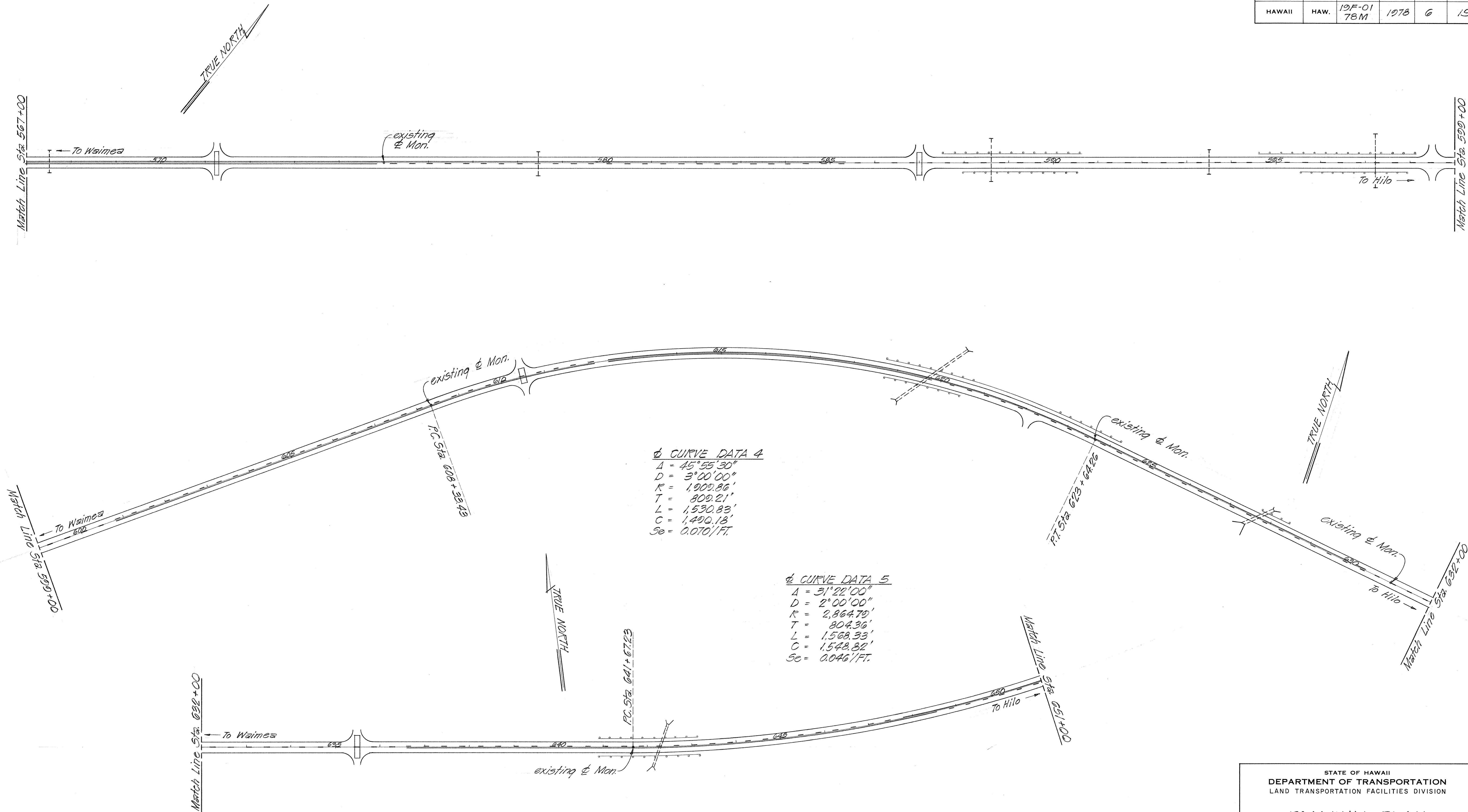
HAWAII BELT ROAD RESURFACING

MUD LANE TO HONOKAA
PROJ. NO. 19F-01-78M.

Scale: 1"=100' Date: Sept. 1977

SHEET NO. 2 OF 6 SHEETS

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	19F-01 78M	1978	6	15



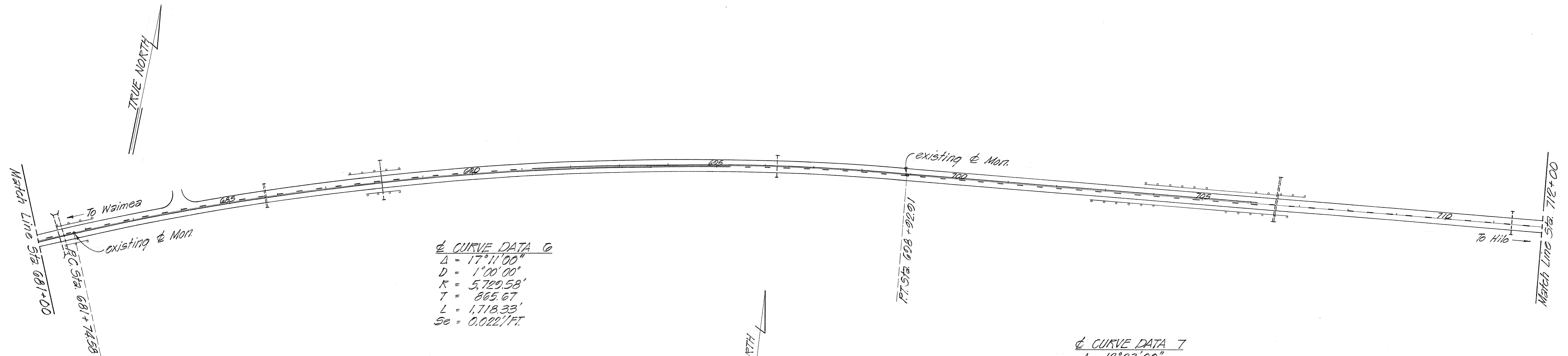
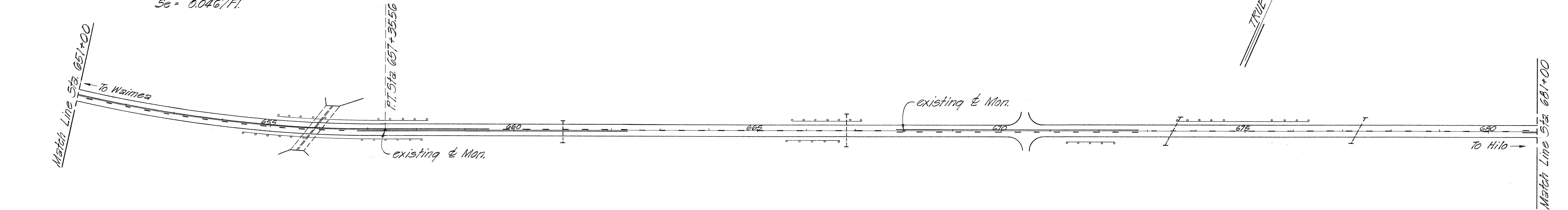
SURVEY PLOTTED BY	DATE
DRAWN BY	
TRACED BY	
CHECKED BY	
QUANTITIES BY	
CHECKED BY	
NO.	

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
LAND TRANSPORTATION FACILITIES DIVISION

ROADWAY PLAN
HAWAII BELT ROAD RESURFACING
MUD LANE TO HONOKAA
PROJ. NO. 19F-01-78M
Scale: 1"=100' Date: Sept. 1977
SHEET No. 3 OF 6 SHEETS

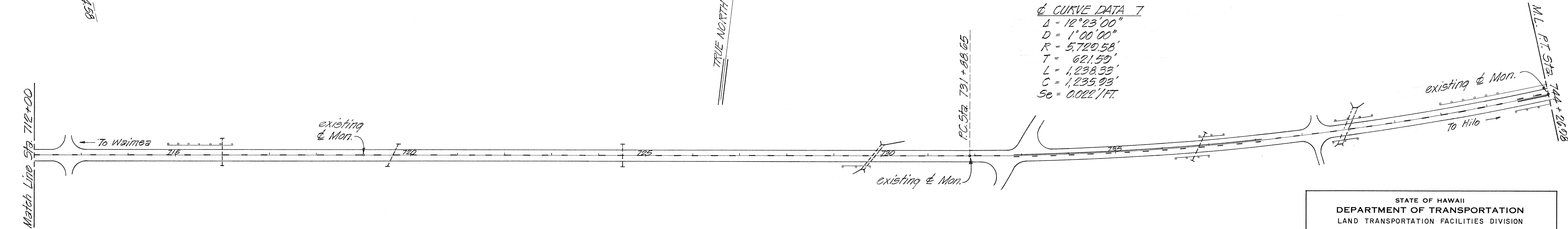
& CURVE DATA 5
 $\Delta = 31^{\circ}22'00''$
 $D = 2^{\circ}00'00''$
 $R = 2,864.79'$
 $T = 804.36'$
 $L = 1,568.33'$
 $C = 1,548.82'$
 $Se = 0.046'/FT.$

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	19F-01-78M	1978	7	15



& CURVE DATA 6
 $\Delta = 17^{\circ}11'00''$
 $D = 1^{\circ}00'00''$
 $R = 5,720.58'$
 $T = 865.67'$
 $L = 1,718.33'$
 $Se = 0.022'/FT.$

& CURVE DATA 7
 $\Delta = 12^{\circ}23'00''$
 $D = 1^{\circ}00'00''$
 $R = 5,720.58'$
 $T = 621.50'$
 $L = 1,238.33'$
 $C = 1,235.93'$
 $Se = 0.022'/FT.$



STATE OF HAWAII
 DEPARTMENT OF TRANSPORTATION
 LAND TRANSPORTATION FACILITIES DIVISION

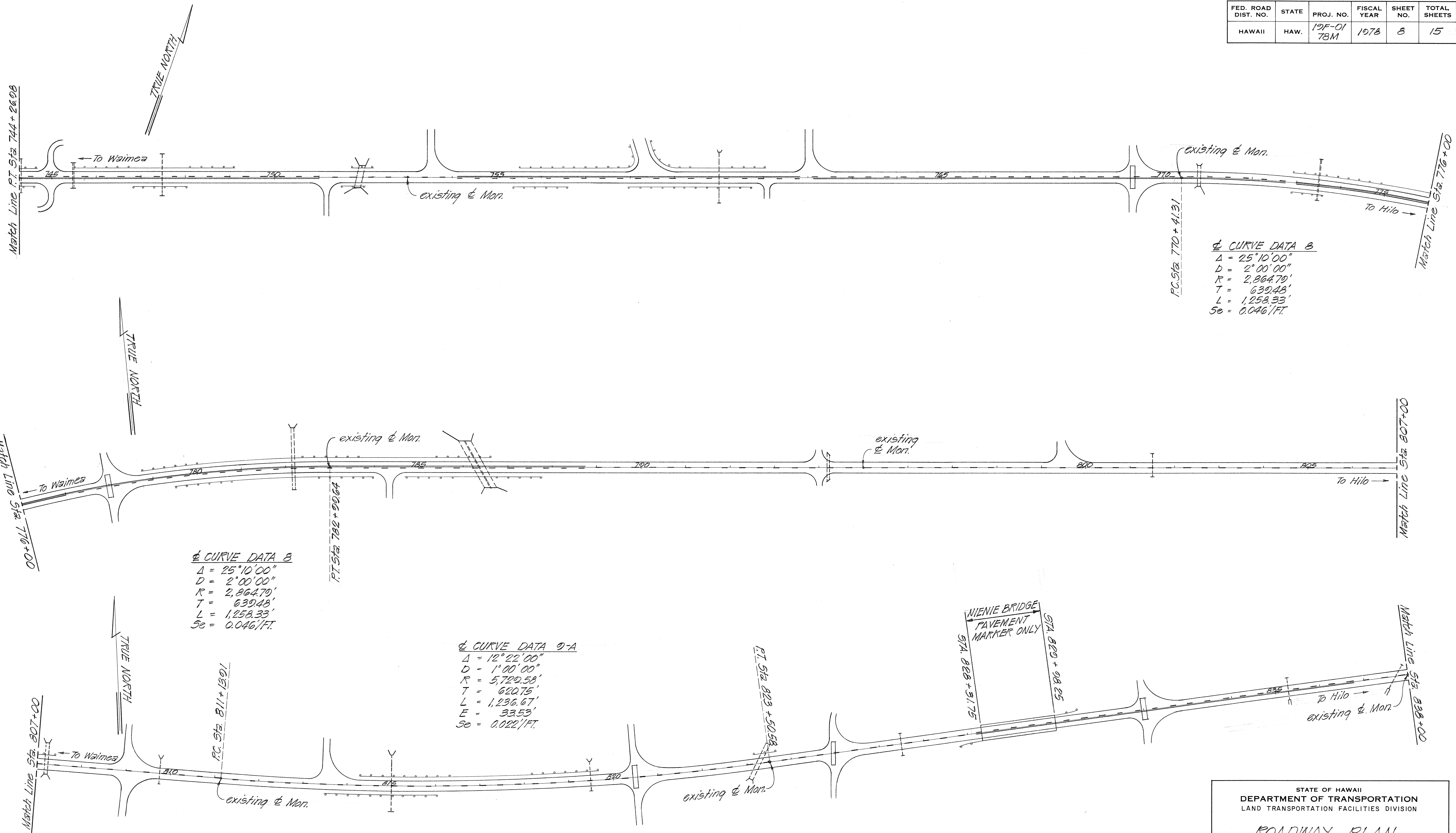
ROADWAY PLAN
 HAWAII BELT ROAD RESURFACING

MUD LANE TO HONOKAA
 PROJ. NO. 19F-01-78M

Scale: 1"=100' Date: Sept. 1977
 SHEET No. 4 OF 6 SHEETS

SURVEY PLOTTED BY	DATE
DRAWN BY	
TRACED BY	
CHECKED BY	
NOTE BOOK	
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FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	19F-01 78M	1978	8	15



SURVEY PLOTTED BY	DATE
DRAWN BY	
TRACED BY	
CHECKED BY	
NOTE BOOK	
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STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
LAND TRANSPORTATION FACILITIES DIVISION

ROADWAY PLAN

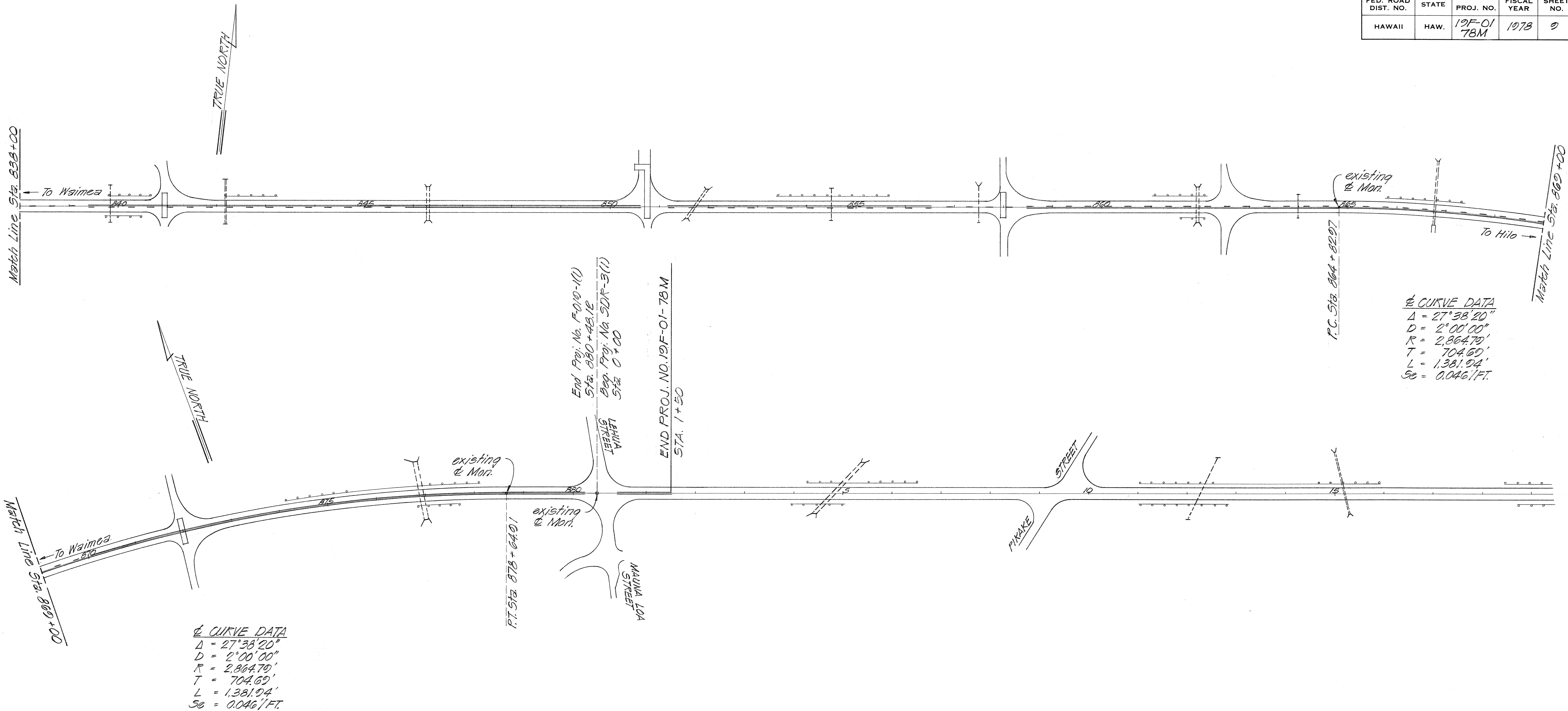
HAWAII BELT ROAD RESURFACING

MUD LANE TO HONOKAA
PROJ. NO. 19F-01-78M

Scale: 1"=100' Date: Sept. 1977

SHEET NO. 5 OF 6 SHEETS

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	19F-01-78M	1978	9	15



MARKERS		STATION		PAVEMENT MARKER SCHEDULE FOR PROJECT NO. 19F-01-78M	
TYPE D	32	26	9	390 + 00 - 402 + 70	128
				402 + 70 - 403 + 05	36
				403 + 05 - 411 + 35	20
TYPE H	9	21	26	411 + 35 - 413 + 00	84
				413 + 00 - 422 + 15	288
				422 + 15 - 449 + 85	104
TYPE J	128	36	20	449 + 85 - 460 + 40	4
				460 + 40 - 461 + 00	100
				461 + 00 - 471 + 20	184
				471 + 20 - 489 + 20	108
				489 + 20 - 500 + 30	
				500 + 30 - 502 + 10	
				502 + 10 - 512 + 85	116
				512 + 85 - 547 + 30	368
				547 + 30 - 558 + 30	120
				558 + 30 - 574 + 85	108
				574 + 85 - 585 + 50	
				585 + 50 - 600 + 85	
				600 + 85 - 612 + 15	116
				612 + 15 - 619 + 80	
				619 + 80 - 630 + 45	108
				630 + 45 - 636 + 80	60
				636 + 80 - 647 + 50	108
				647 + 50 - 648 + 55	
				648 + 55 - 656 + 65	76
				656 + 65 - 659 + 50	
				659 + 50 - 662 + 35	
				662 + 35 - 667 + 75	24
				667 + 75 - 673 + 10	60
				673 + 10 - 680 + 45	52
				680 + 45 - 681 + 10	76
				681 + 10 - 695 + 30	104
				695 + 30 - 706 + 40	
				706 + 40 - 732 + 85	108
				732 + 85 - 738 + 25	284
				738 + 25 - 743 + 85	52
				743 + 85 - 751 + 35	60
				751 + 35 - 753 + 95	76
				753 + 95 - 761 + 80	28
				761 + 80 - 772 + 75	88
				772 + 75 - 777 + 00	116
				777 + 00 - 787 + 75	
				787 + 75 - 828 + 10	108
				828 + 10 - 837 + 00	424
				837 + 00 - 839 + 25	92
				839 + 25 - 845 + 55	20
				845 + 55 - 850 + 60	64
				850 + 60 - 856 + 60	
				856 + 60 - 858 + 40	52
				858 + 40 - 862 + 90	24
				862 + 90 - 880 + 25	116
				880 + 25 - 880 + 25	
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