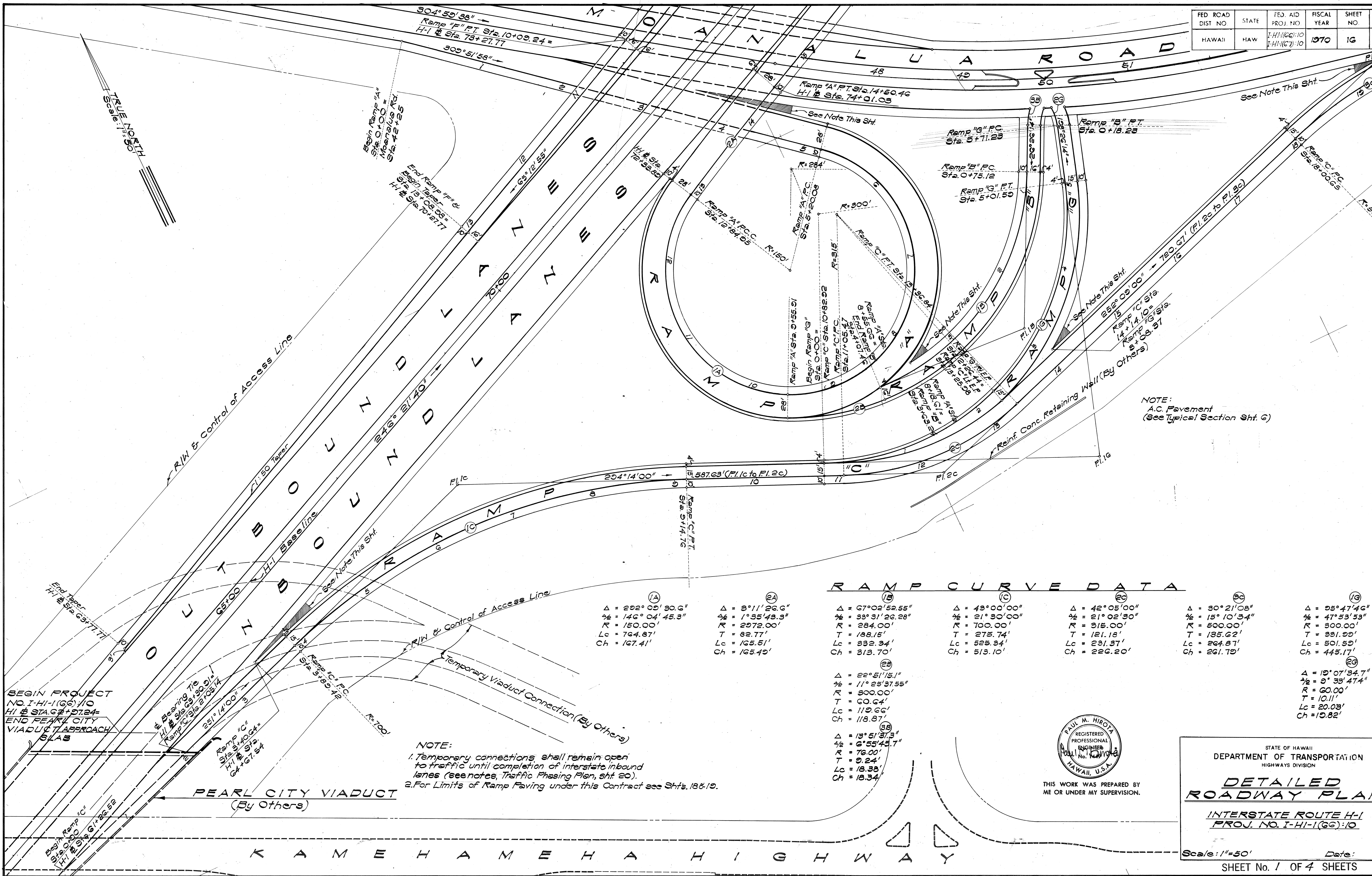


FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW	I-HI-1(66)/10	1970	16	97



BEGIN PROJECT
NO. I-HI-1(66)/10
HI # STA. 62+27.24
END PEARL CITY
VIADUCT APPROACH
SLAB

PEARL CITY VIADUCT
(By Others)

NOTE:
1. Temporary connections shall remain open to traffic until completion of interstate inbound lanes (see notes, Traffic Phasing Plan, Sht. 20).
2. For Limits of Ramp Paving under this Contract see Shts. 18 & 19.

RAMP CURVED DATA

①A $\Delta = 292^{\circ}05'30.6''$ $\frac{1}{2}\Delta = 146^{\circ}04'45.3''$ $R = 150.00'$ $T = 764.87'$ $Lc = 167.41'$ $Ch = 167.41'$	②A $\Delta = 3^{\circ}11'26.6''$ $\frac{1}{2}\Delta = 1^{\circ}35'43.3''$ $R = 2972.00'$ $T = 82.77'$ $Lc = 165.51'$ $Ch = 165.49'$	③B $\Delta = 67^{\circ}02'52.55''$ $\frac{1}{2}\Delta = 33^{\circ}31'26.28''$ $R = 284.00'$ $T = 188.15'$ $Lc = 332.34'$ $Ch = 313.70'$	④C $\Delta = 43^{\circ}00'00''$ $\frac{1}{2}\Delta = 21^{\circ}30'00''$ $R = 700.00'$ $T = 275.74'$ $Lc = 525.34'$ $Ch = 513.10'$	⑤D $\Delta = 42^{\circ}05'00''$ $\frac{1}{2}\Delta = 21^{\circ}02'30''$ $R = 315.00'$ $T = 121.18'$ $Lc = 231.37'$ $Ch = 226.20'$	⑥E $\Delta = 30^{\circ}21'08''$ $\frac{1}{2}\Delta = 15^{\circ}10'34''$ $R = 500.00'$ $T = 185.62'$ $Lc = 264.87'$ $Ch = 261.73'$	⑦F $\Delta = 25^{\circ}47'46''$ $\frac{1}{2}\Delta = 12^{\circ}43'53''$ $R = 300.00'$ $T = 331.93'$ $Lc = 501.52'$ $Ch = 445.17'$	⑧G $\Delta = 19^{\circ}07'34.7''$ $\frac{1}{2}\Delta = 9^{\circ}33'47.4''$ $R = 60.00'$ $T = 10.11'$ $Lc = 20.03'$ $Ch = 19.82'$
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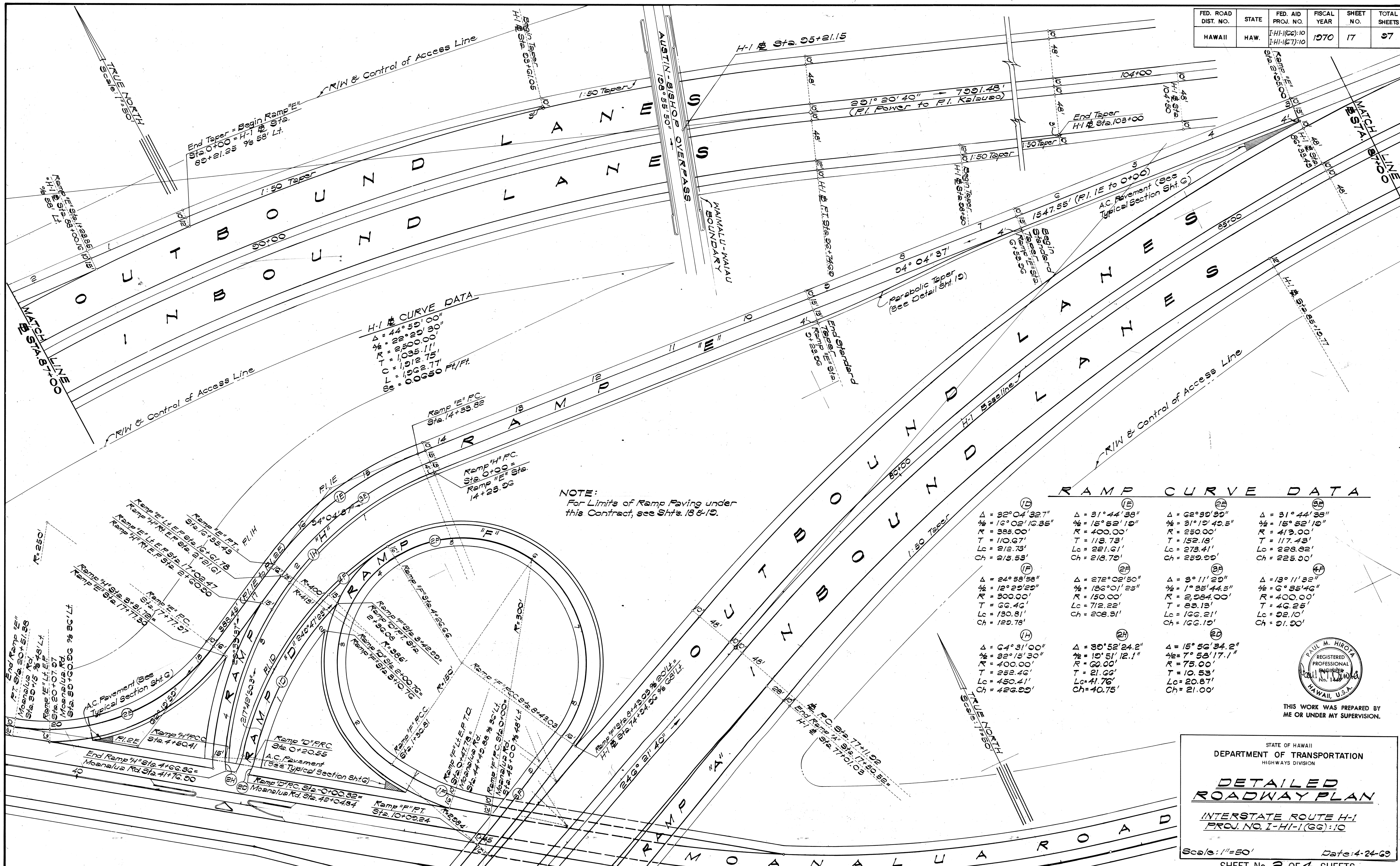


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STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

**DETAILED
ROADWAY PLAN**
INTERSTATE ROUTE H-1
PROJ. NO. I-HI-1(66)/10

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	I-HI-(GG)-10 I-HI-(GT)-10	1970	17	97



H-1 CURVE DATA
 $\Delta = 44^\circ 59' 00''$
 $\frac{1}{2} = 22^\circ 29' 30''$
 $R = 2500.00'$
 $T = 1035.11'$
 $L = 1912.75'$
 $Se = 0.0650$ Ft./Ft.

NOTE:
 For Limits of Ramp Paving under this Contract, see Shts. 18 & 19.

RAMP CURVE DATA

$\Delta = 32^\circ 04' 32.7''$ $\frac{1}{2} = 16^\circ 02' 16.35''$ $R = 385.00'$ $T = 110.67'$ $Lc = 212.73'$ $Ch = 213.53'$	$\Delta = 31^\circ 44' 38''$ $\frac{1}{2} = 15^\circ 52' 19''$ $R = 400.00'$ $T = 113.73'$ $Lc = 221.61'$ $Ch = 218.79'$	$\Delta = 62^\circ 39' 59''$ $\frac{1}{2} = 31^\circ 19' 49.5''$ $R = 250.00'$ $T = 152.18'$ $Lc = 273.41'$ $Ch = 239.99'$	$\Delta = 31^\circ 44' 38''$ $\frac{1}{2} = 15^\circ 52' 19''$ $R = 412.00'$ $T = 117.43'$ $Lc = 228.82'$ $Ch = 225.90'$
$\Delta = 24^\circ 58' 58''$ $\frac{1}{2} = 12^\circ 29' 29''$ $R = 300.00'$ $T = 66.46'$ $Lc = 130.81'$ $Ch = 129.78'$	$\Delta = 272^\circ 02' 50''$ $\frac{1}{2} = 136^\circ 01' 25''$ $R = 150.00'$ $T = 712.22'$ $Lc = 208.31'$	$\Delta = 3^\circ 11' 29''$ $\frac{1}{2} = 1^\circ 35' 44.5''$ $R = 2,064.00'$ $T = 83.13'$ $Lc = 166.21'$ $Ch = 166.19'$	$\Delta = 13^\circ 11' 32''$ $\frac{1}{2} = 6^\circ 55' 46''$ $R = 400.00'$ $T = 46.25'$ $Lc = 92.10'$ $Ch = 91.90'$
$\Delta = 64^\circ 31' 00''$ $\frac{1}{2} = 32^\circ 15' 30''$ $R = 400.00'$ $T = 252.46'$ $Lc = 450.41'$ $Ch = 426.99'$	$\Delta = 30^\circ 52' 24.2''$ $\frac{1}{2} = 15^\circ 26' 12.1''$ $R = 60.00'$ $T = 21.66'$ $Lc = 41.76'$ $Ch = 40.75'$	$\Delta = 15^\circ 56' 34.2''$ $\frac{1}{2} = 7^\circ 58' 17.1''$ $R = 75.00'$ $T = 10.53'$ $Lc = 20.87'$ $Ch = 21.00'$	



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STATE OF HAWAII
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 HIGHWAYS DIVISION

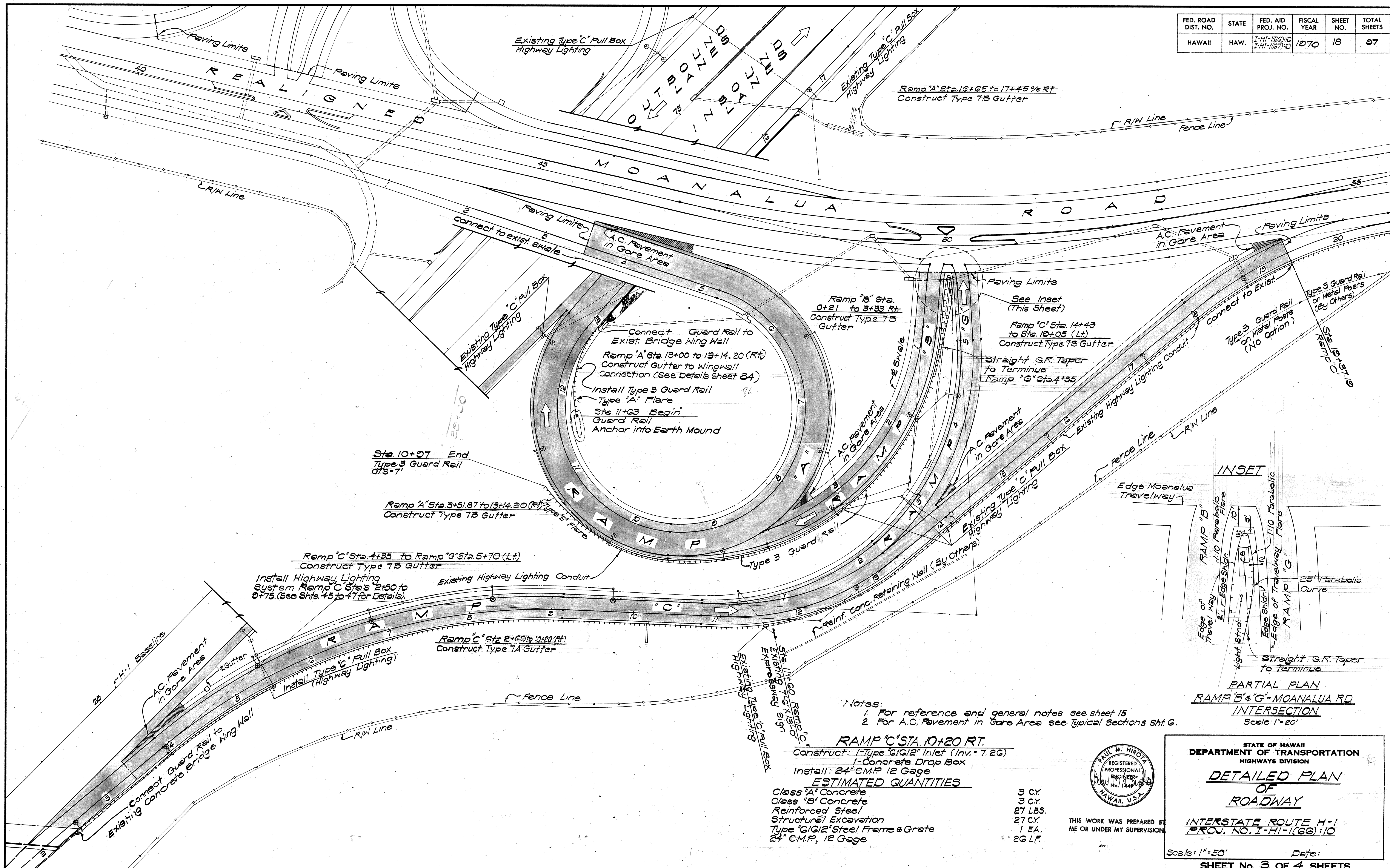
DETAILED ROADWAY PLAN

INTERSTATE ROUTE H-1
 PROJ. NO. I-HI-1(GG)-10

Scale: 1"=50' Date: 4-24-69

SHEET No. 2 OF 4 SHEETS

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



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STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

DETAILED PLAN
OF
ROADWAY

INTERSTATE ROUTE H-1
PROJ. NO. I-H1-1(66):10

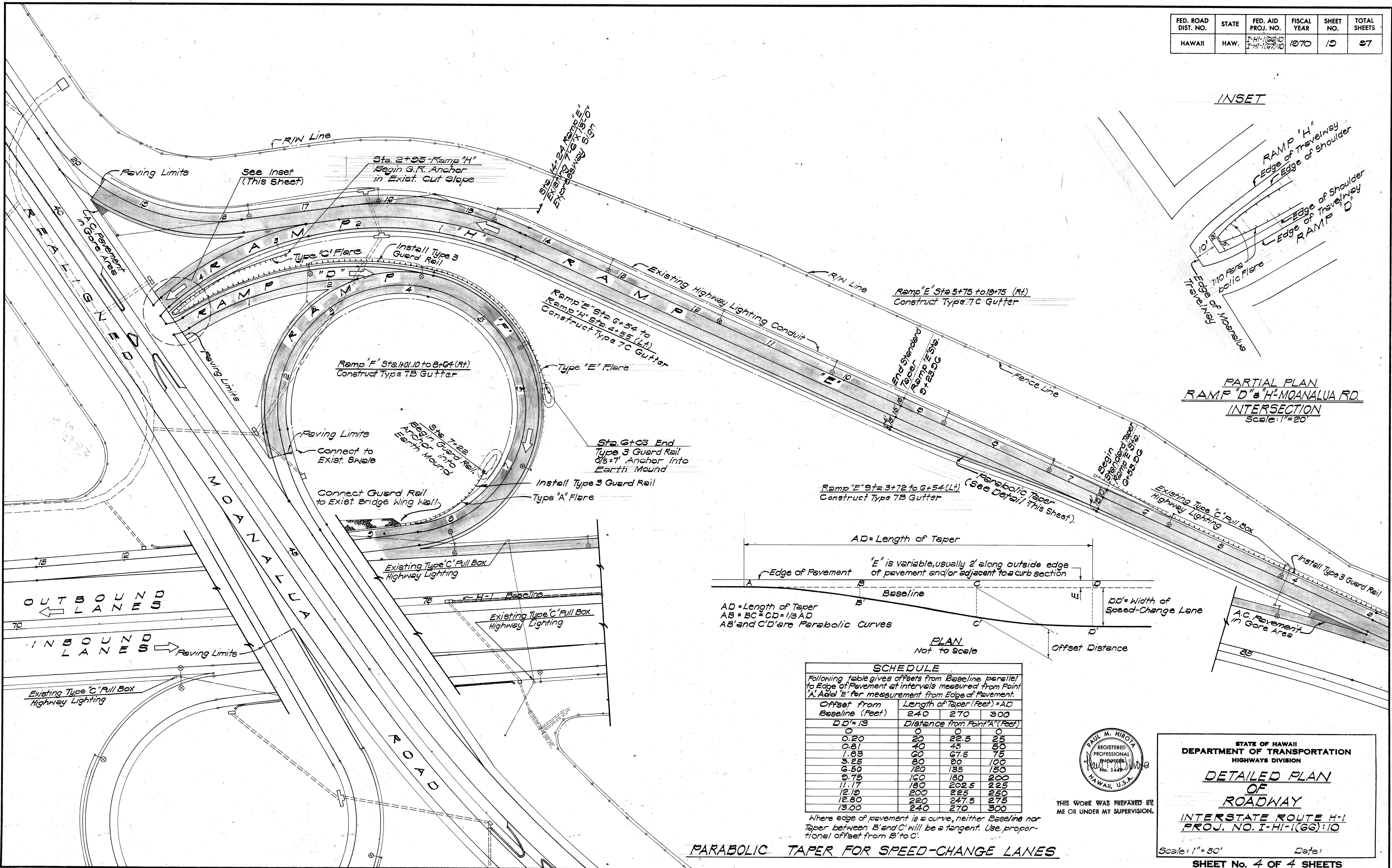
Scale: 1" = 50'

Date _____

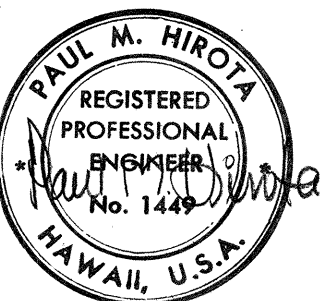
SHEET No. 3 OF 4 SHEETS

DETAILED PLAN OF ROADWORK

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	I-HI-1(66)10 I-HI-1(67)10	1970	10	97



DATE	_____
SURVEY PLANNED BY	_____
DESIGNED BY	_____
NOTED BY	_____
CHECKED BY	_____
ORIGINAL PLAN	_____
NOTE BOOK	_____
QUANTITIES BY	_____
CHECKED BY	_____



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STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

DETAILED PLAN
OF
ROADWAY

INTERSTATE ROUTE H-1
PROJ. NO. I-HI-1(66)10

Scale: 1" = 50'

Date: _____

SHEET No. 4 OF 4 SHEETS