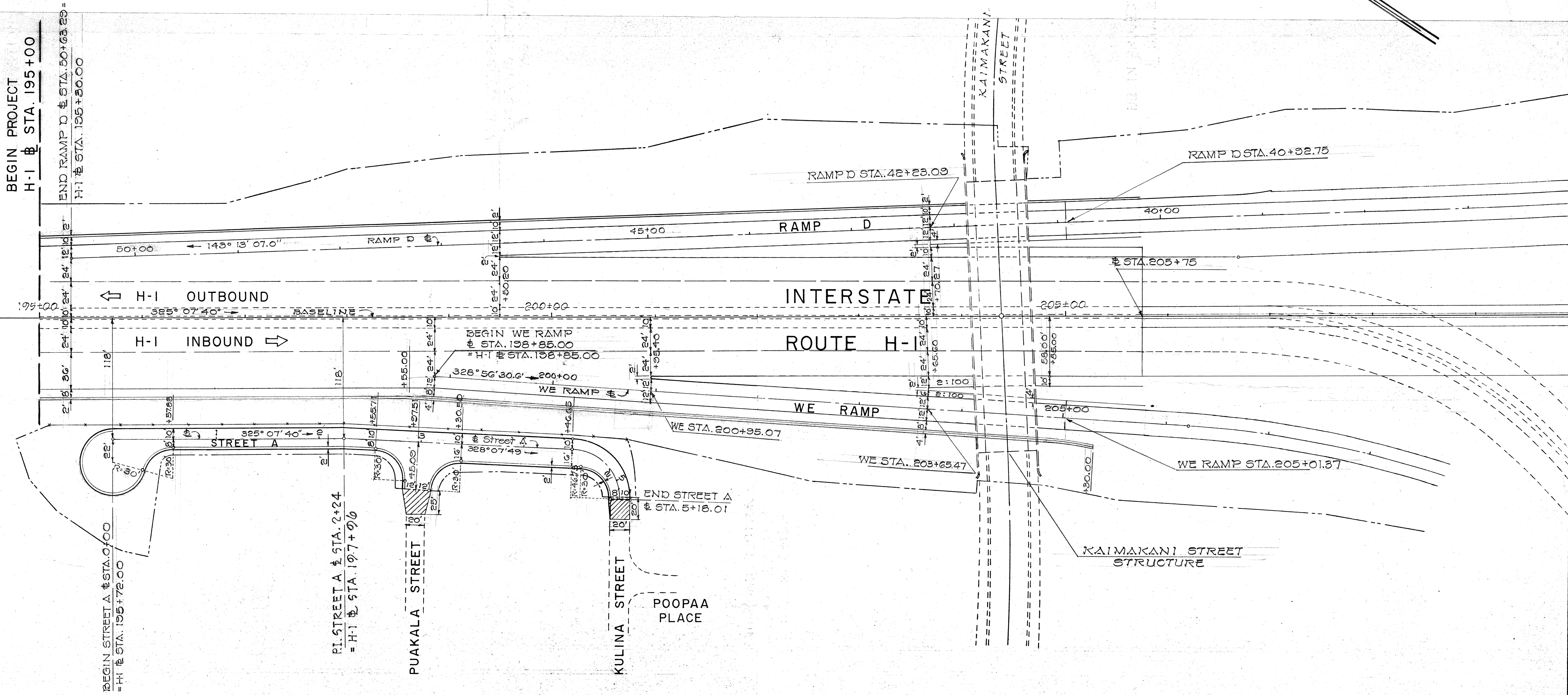


FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	I-HI-1(88)13	1971	10	457

TRUE NORTH
SCALE: 1"=50'



ORIGINAL PLAN	DATE
DESIGNED BY	
TRACED BY	
NOTE BOOK	
QUANTITIES BY	
CHECKED BY	

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

ALIGNMENT PLAN

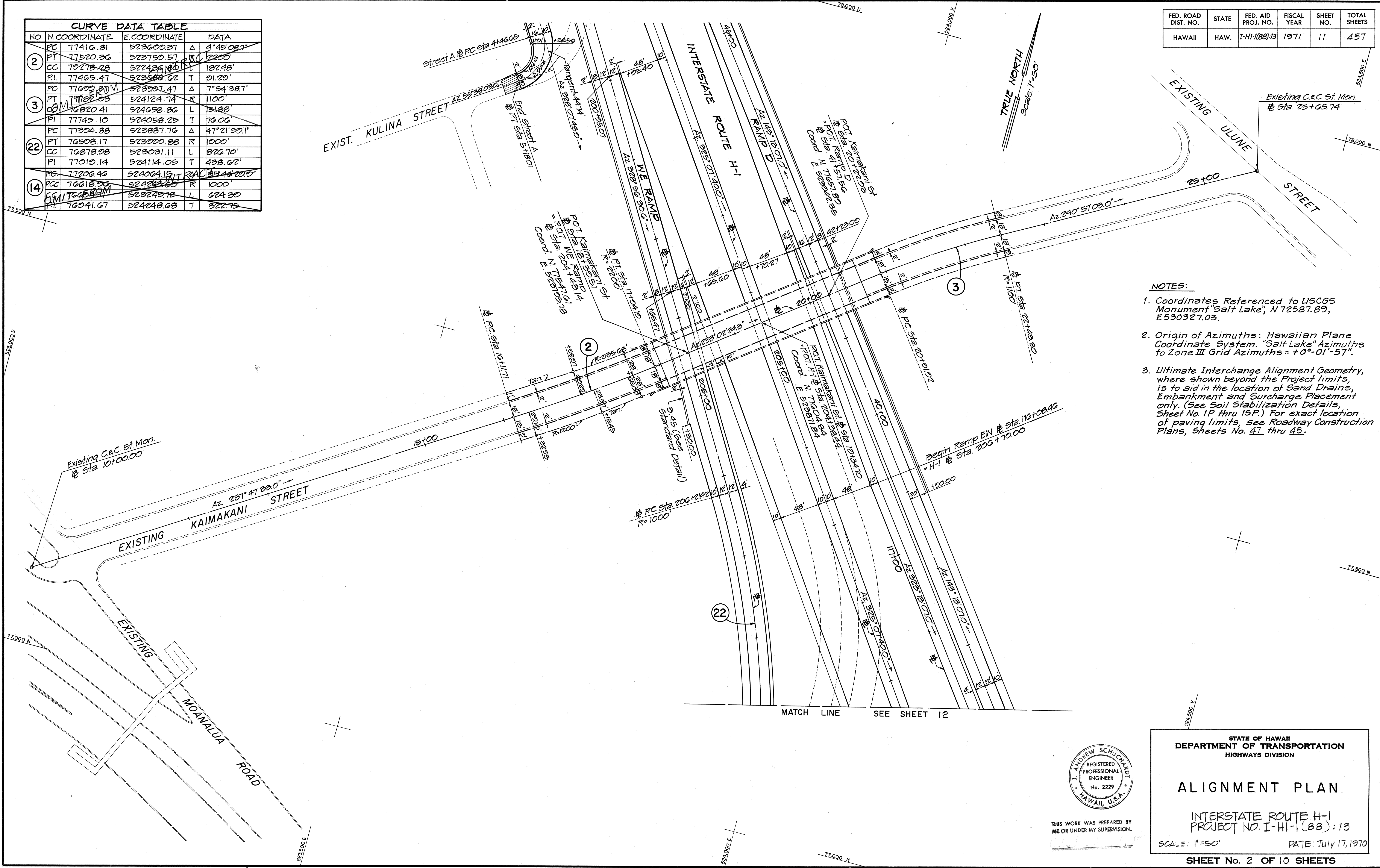
HALAWA INTERCHANGE
PROJECT No. I-HI-1(88)13

Scale as noted

SHEET No. 1 OF 10 SHEETS

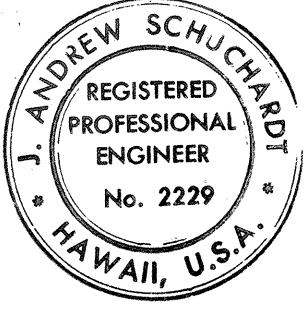
CURVE DATA TABLE			
NO.	N. COORDINATE	E. COORDINATE	DATA
(2)	PC 77416.81	523600.37	Δ 4°45'08.7"
	PT 77520.36	523750.57	R 12200'
	CC 70278.28	522436.10	L 182.48'
	PI 77465.47	523686.62	T 21.20'
(3)	PC 77692.30	523992.47	Δ 7°54'38.7"
	PT 77782.03	524124.74	R 1100'
	CC 76820.41	524658.86	L 151.88'
	PI 77745.10	524058.25	T 76.06'
(22)	PC 77324.88	523887.76	Δ 47°21'30.1"
	PT 76808.17	523920.88	R 1000'
	CC 76878.98	523031.11	L 826.70'
	PI 77013.14	524114.05	T 438.62'
(14)	PC 77206.46	524064.15	Δ 34°48'20.0"
	PT 76618.25	524224.65	R 1000'
	CC 76654.91	523245.18	L 624.30'
	PI 76541.67	524248.68	T 322.75'

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	I-HI-1(88):13	1971	11	457



- NOTES:**
- Coordinates Referenced to USCGS Monument "Salt Lake", N 72587.89, E 530327.03.
 - Origin of Azimuths: Hawaiian Plane Coordinate System. "Salt Lake" Azimuths to Zone III Grid Azimuths = +0°-01'-57".
 - Ultimate Interchange Alignment Geometry, where shown beyond the Project limits, is to aid in the location of Sand Drains, Embankment and Surcharge Placement only. (See Soil Stabilization Details, Sheet No. 1P thru 15P.) For exact location of paving limits, see Roadway Construction Plans, Sheets No. 47 thru 48.

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



THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION.

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

ALIGNMENT PLAN

INTERSTATE ROUTE H-1
PROJECT NO. I-HI-1(88):13

SCALE: 1"=50' DATE: July 17, 1970

SHEET No. 2 OF 10 SHEETS

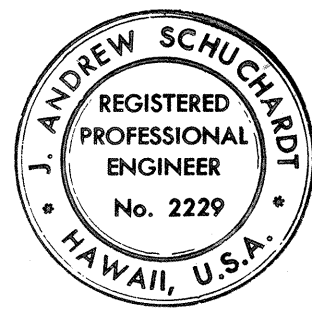
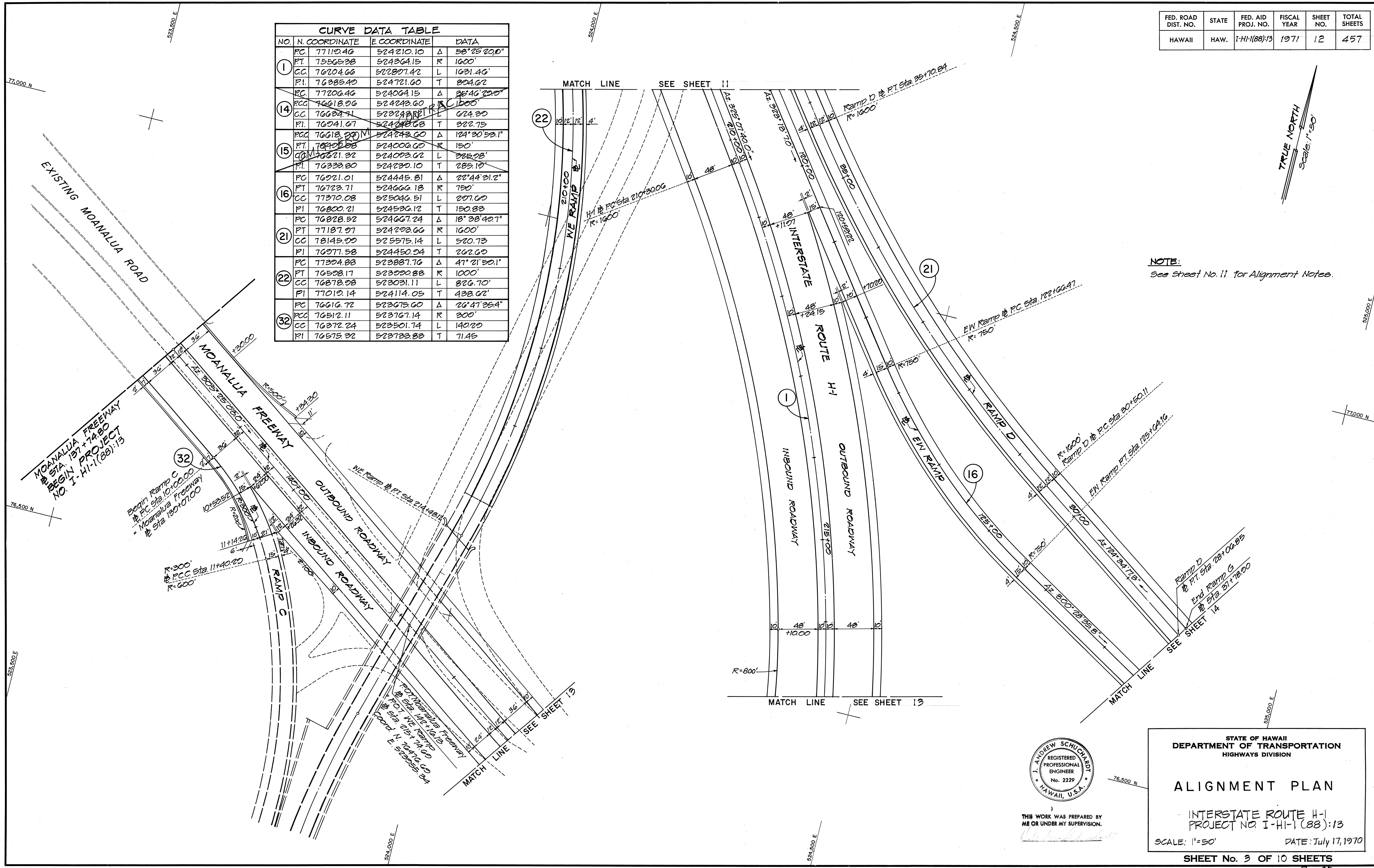
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	I-HI-1(88):13	1971	12	457



CURVE DATA TABLE			
NO.	N. COORDINATE	E. COORDINATE	DATA
1	PC 77110.40	524210.10	Δ 58°23'20.0"
	PT 75565.38	524364.15	R 1600'
	CC 76204.66	522807.42	L 1031.46'
	PI 76385.40	524721.60	T 804.62'
14	PC 77206.46	524064.15	Δ 35°46'22.5"
	PT 76618.96	524243.60	R 1500'
	CC 76624.91	523243.60	L 624.30'
	PI 76041.67	524243.60	T 322.75'
15	PC 76618.96	524243.60	Δ 124°30'52.1"
	PT 76400.88	524006.60	R 150'
	CC 76621.32	524003.62	L 385.28'
	PI 76333.80	524230.10	T 285.10'
16	PC 76221.01	524445.81	Δ 22°44'21.2"
	PT 76123.71	524666.18	R 750'
	CC 77370.08	525046.51	L 207.60'
	PI 76800.21	524536.12	T 150.83'
21	PC 76828.52	524667.24	Δ 18°38'42.7"
	PT 77187.97	524293.66	R 1600'
	CC 78145.00	525575.14	L 520.73'
	PI 76977.58	524450.94	T 262.60'
22	PC 77324.88	523887.76	Δ 41°21'50.1"
	PT 76598.17	523090.88	R 1000'
	CC 76878.98	523031.11	L 826.70'
	PI 77012.14	524114.05	T 438.62'
32	PC 76616.72	523675.60	Δ 26°47'35.4"
	PT 76512.11	523767.14	R 300'
	CC 76372.24	523501.74	L 140.20'
	PI 76575.32	523733.83	T 71.45'

NOTE:
See Sheet No. 11 for Alignment Notes.

ORIGINAL PLAN	DATE
DESIGNED BY	
NOTED BY	
CHECKED BY	
NO.	



THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION.

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

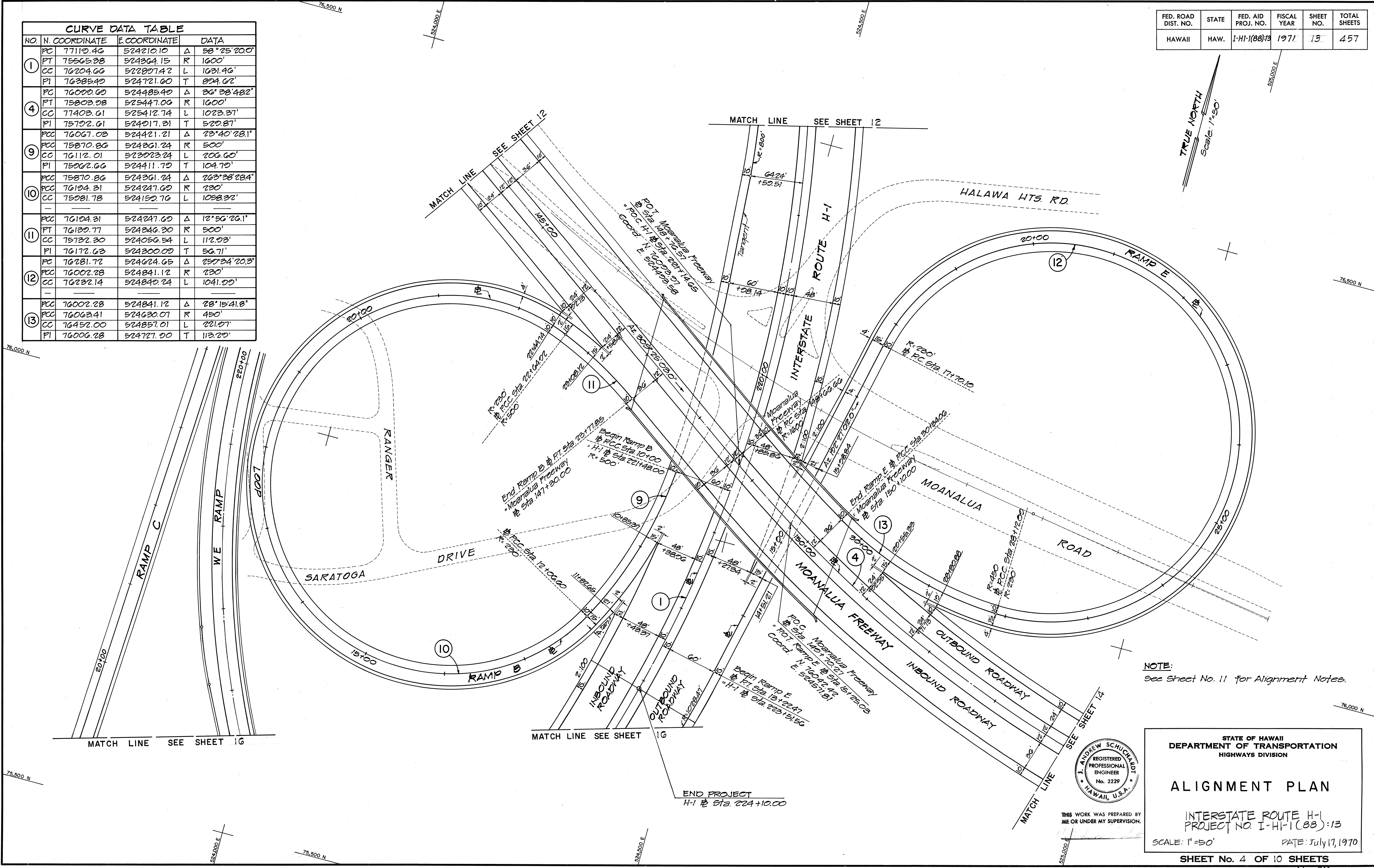
ALIGNMENT PLAN
INTERSTATE ROUTE H-1
PROJECT NO. I-HI-1(88):13
SCALE: 1"=50'
DATE: July 17, 1970

SHEET No. 3 OF 10 SHEETS

CURVE DATA TABLE				
NO.	N. COORDINATE	E. COORDINATE	DATA	
①	PC 77119.46	524210.10	Δ	58°25'20.0"
	PT 75565.38	524364.15	R	1600'
	CC 76204.66	522897.42	L	1621.46'
	PI 76285.40	524721.60	T	894.62'
④	PC 76000.00	524485.40	Δ	30°38'48.2"
	PT 75803.98	525447.06	R	1600'
	CC 77403.01	525412.74	L	1023.37'
	PI 75792.61	524017.31	T	520.87'
⑨	PCC 76067.03	524421.21	Δ	23°40'28.1"
	PCC 75870.86	524361.24	R	500'
	CC 76112.01	523923.24	L	206.60'
	PI 75902.66	524411.70	T	104.79'
⑩	PCC 75870.86	524361.24	Δ	263°38'28.4"
	PCC 76194.31	524247.60	R	230'
	CC 75981.78	524150.76	L	1058.32'
	PI 76194.31	524247.60	Δ	12°56'26.1"
⑪	PT 76139.77	524246.30	R	500'
	CC 75732.30	524056.54	L	112.93'
	PI 76172.63	524300.00	T	56.71'
	PC 76281.72	524024.65	Δ	250°34'20.3"
⑫	PCC 76002.28	524841.12	R	230'
	CC 76232.14	524840.24	L	1041.00'
	PI 76002.28	524841.12	Δ	28°15'41.8"
	PCC 76063.41	524630.07	R	450'
⑬	CC 76452.00	524857.01	L	221.07'
	PI 76006.28	524727.00	T	113.20'
	PC 76002.28	524841.12	Δ	28°15'41.8"
	PCC 76063.41	524630.07	R	450'

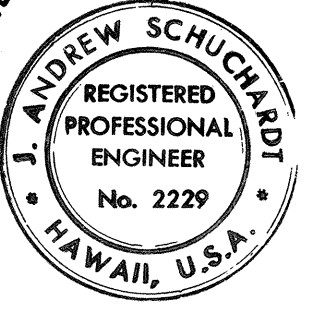
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	I-HI-1(88)13	1971	13	457

TRUE NORTH
Scale: 1"=50'



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

NOTE:
See Sheet No. 11 for Alignment Notes.



THIS WORK WAS PREPARED BY
ME OR UNDER MY SUPERVISION.

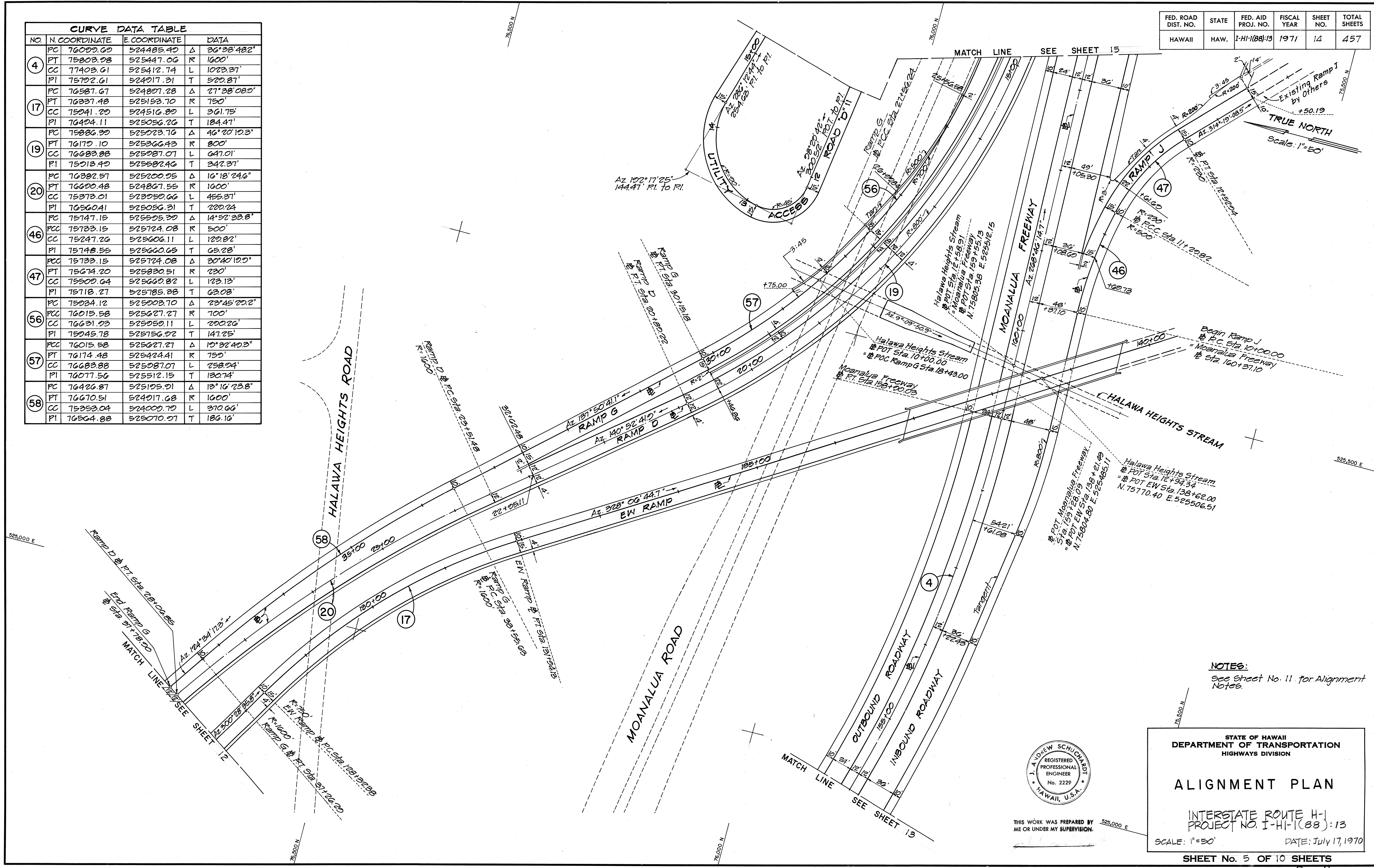
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

ALIGNMENT PLAN
INTERSTATE ROUTE H-1
PROJECT NO. I-HI-1(88)13
SCALE: 1"=50' DATE: July 17, 1970

SHEET No. 4 OF 10 SHEETS

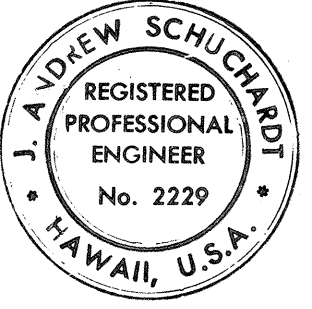
CURVE DATA TABLE			
NO.	N. COORDINATE	E. COORDINATE	DATA
4	PC 76099.60	524485.40	Δ 36°38'48.2"
	PT 75803.28	525447.06	R 1600'
	CC 77403.61	525412.74	L 1023.37'
	PI 75792.61	524917.31	T 522.87'
17	PC 76587.67	524807.28	Δ 27°38'08.3"
	PT 76337.48	525153.70	R 750'
	CC 75041.20	524516.80	L 361.75'
	PI 76404.11	525056.26	T 184.47'
19	PC 75886.30	525023.76	Δ 46°20'10.3"
	PT 76170.10	525366.43	R 800'
	CC 76683.88	525087.07	L 647.01'
	PI 75913.40	525582.46	T 342.37'
20	PC 76382.57	525200.25	Δ 16°18'24.6"
	PT 76620.48	524867.55	R 1000'
	CC 75373.01	523959.66	L 455.37'
	PI 76560.41	525056.31	T 222.24'
46	PC 75747.15	525505.20	Δ 14°52'33.8"
	PCC 75733.15	525724.08	R 500'
	CC 75247.26	525606.11	L 122.82'
	PI 75748.55	525660.65	T 65.28'
47	PCC 75733.15	525724.08	Δ 30°40'19.0"
	PT 75674.20	525830.51	R 220'
	CC 75509.64	525660.82	L 123.13'
	PI 75718.27	525785.88	T 63.08'
56	PC 75034.12	525003.70	Δ 23°45'22.2"
	PCC 76015.58	525627.27	R 700'
	CC 76631.23	525059.11	L 200.26'
	PI 75945.78	525756.22	T 147.25'
57	PCC 76015.58	525627.27	Δ 10°32'42.3"
	PT 76174.48	525424.41	R 750'
	CC 76683.88	525087.07	L 258.24'
	PI 76077.56	525512.15	T 130.74'
58	PC 76426.87	525125.21	Δ 13°10'23.8"
	PT 76670.51	524917.68	R 1000'
	CC 75353.04	524009.70	L 370.66'
	PI 76564.88	525070.27	T 186.16'

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	I-HI-1(88):13	1971	14	457



ORIGINAL PLAN	DATE
DESIGNED BY	
NOTED BY	
CHECKED BY	

NOTES:
See Sheet No. 11 for Alignment Notes.



THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION.

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

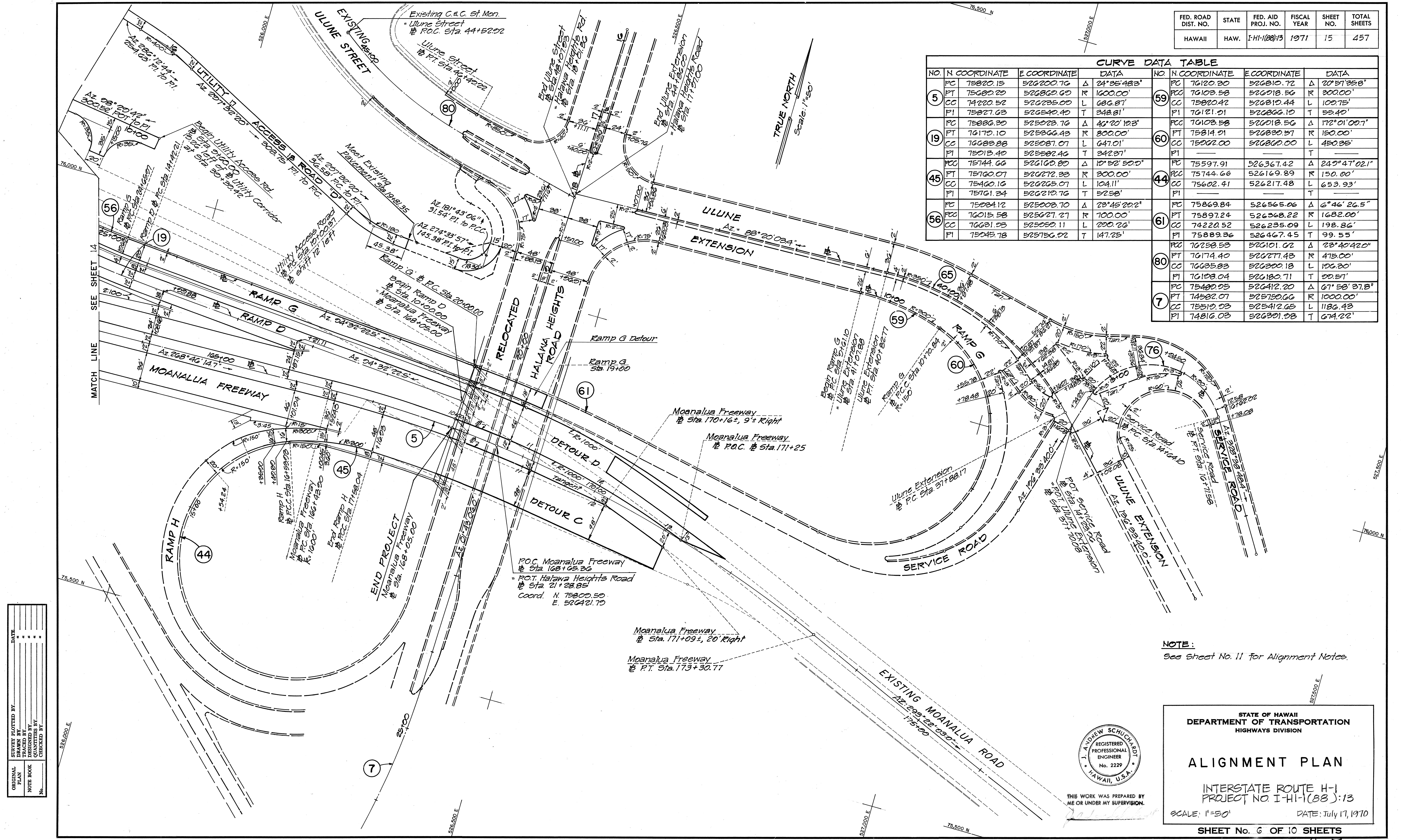
ALIGNMENT PLAN

INTERSTATE ROUTE H-1
PROJECT NO. I-HI-1(88):13
SCALE: 1"=50'
DATE: July 17, 1970

SHEET No. 5 OF 10 SHEETS

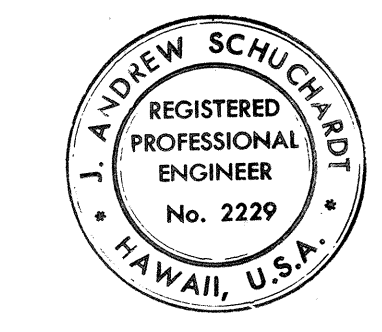
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	I-H-1(88)13	1971	15	457

CURVE DATA TABLE					
NO.	N. COORDINATE	E. COORDINATE	DATA	NO.	N. COORDINATE
(5)	PC 75820.15	526200.76	Δ 24°35'48.3"	(59)	PC 76120.30
	PT 75680.20	526860.60	R 1600.00'		PT 76103.58
	CC 74220.52	526235.00	L 686.87'		CC 75820.42
	PI 75827.63	526540.40	T 348.81'		PI 76121.01
	PC 75880.20	526023.76	Δ 40°20'13.3"		PT 76103.58
(19)	PC 76170.10	526566.43	R 800.00'	(60)	PC 75814.01
	CC 76688.88	526087.07	L 647.01'		CC 75002.00
	PI 75013.40	526582.46	T 342.37'		PI
	PC 75744.66	526160.80	Δ 10°52'50.0"		PT 75597.91
(45)	PC 75760.07	526272.33	R 300.00'	(44)	PC 75744.66
	CC 75460.16	526265.07	L 104.11'		CC 75602.41
	PI 75761.24	526210.76	T 52.58'		PI
	PC 75884.12	526500.70	Δ 28°45'20.2"		PT 75869.84
(56)	PC 76015.58	526527.27	R 700.00'	(61)	PC 75897.24
	CC 76631.23	526050.11	L 200.26'		CC 74220.52
	PI 75045.78	526756.02	T 147.25'		PI 75889.36
	PC 76258.53	526101.02	Δ 28°40'42.0"		PT 76174.40
	PT 76174.40	526277.43	R 475.00'	(80)	CC 76635.83
	CC 76635.83	526300.18	L 106.30'		PI 76103.04
	PI 76103.04	526180.71	T 20.57'		PC 75480.05
	PC 75480.05	526412.20	Δ 67°58'37.8"	(7)	PT 74582.07
	PT 74582.07	526750.66	R 1000.00'		CC 75510.03
	CC 75510.03	526412.65	L 1186.43'		PI 74816.03
	PI 74816.03	526301.03	T 674.22'		



NOTE:
See Sheet No. 11 for Alignment Notes.

ORIGINAL PLAN	DATE
DRAWN BY	
CHECKED BY	
NOTED BY	
QUANTITIES BY	
CHECKED BY	
NO.	



THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION.

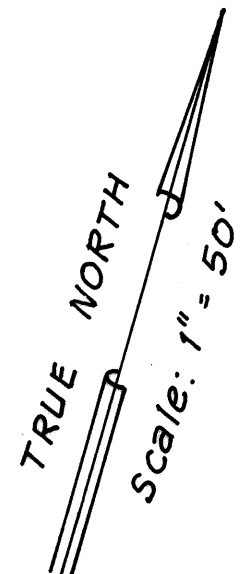
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

ALIGNMENT PLAN
INTERSTATE ROUTE H-1
PROJECT NO. I-H-1(88):13
SCALE: 1"=50'
DATE: July 17, 1970

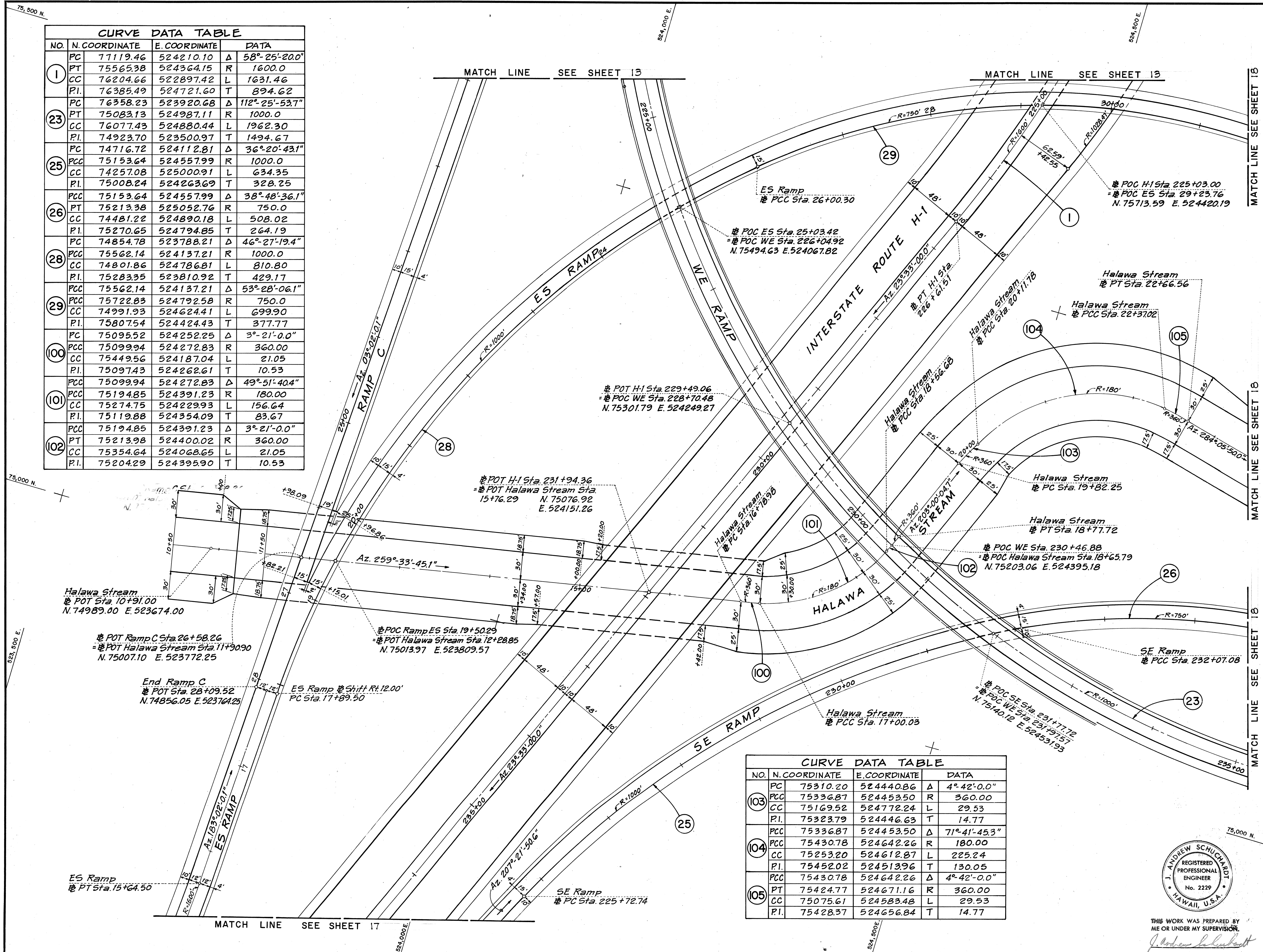
SHEET No. 6 OF 10 SHEETS

CURVE DATA TABLE				
NO.	N. COORDINATE	E. COORDINATE	DATA	
1	PC 77119.46	524210.10	Δ	58°-25'-20.0"
	PT 75565.38	524364.15	R	1600.0
	CC 76204.66	522897.42	L	1631.46
	PI 76385.49	524721.60	T	894.62
23	PC 76358.23	523920.68	Δ	112°-25'-53.7"
	PT 75083.13	524987.11	R	1000.0
	CC 76077.43	524880.44	L	1962.30
	PI 74923.70	523500.97	T	1494.67
25	PC 74716.72	524112.81	Δ	36°-20'-43.1"
	PCC 75153.64	524557.99	R	1000.0
	CC 74257.08	525000.91	L	634.35
	PI 75008.24	524263.69	T	328.25
26	PCC 75153.64	524557.99	Δ	38°-48'-36.1"
	PT 75213.38	525052.76	R	750.0
	CC 74481.22	524890.18	L	508.02
	PI 75270.65	524794.85	T	264.19
28	PC 74854.78	523788.21	Δ	46°-27'-19.4"
	PCC 75562.14	524137.21	R	1000.0
	CC 74801.86	524786.81	L	810.80
	PI 75283.35	523810.92	T	429.17
29	PCC 75562.14	524137.21	Δ	53°-28'-06.1"
	PCC 75722.83	524792.58	R	750.0
	CC 74991.93	524624.41	L	699.90
	PI 75807.54	524424.43	T	377.77
100	PC 75095.52	524252.25	Δ	3°-21'-0.0"
	PCC 75099.94	524272.83	R	360.00
	CC 75449.56	524187.04	L	21.05
	PI 75097.43	524262.61	T	10.53
101	PCC 75099.94	524272.83	Δ	49°-51'-40.4"
	PCC 75194.85	524391.23	R	180.00
	CC 75274.75	524229.93	L	156.64
	PI 75119.88	524354.09	T	83.67
102	PCC 75194.85	524391.23	Δ	3°-21'-0.0"
	PT 75213.98	524400.02	R	360.00
	CC 75354.64	524068.65	L	21.05
	PI 75204.29	524395.90	T	10.53

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	I-HI-1(88)13	1971	16	457

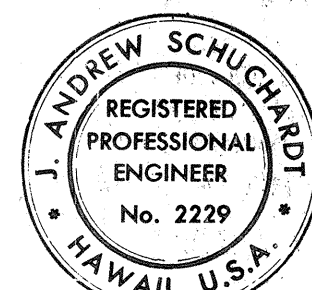


DATE	DESIGNED BY	CHECKED BY
PLAN	FRACED BY	
NOTE BOOK	DESIGNED BY	
QUANTITIES BY		
CHECKED BY		



CURVE DATA TABLE				
NO.	N. COORDINATE	E. COORDINATE	DATA	
103	PC 75310.20	524440.86	Δ	4°-42'-0.0"
	PCC 75336.87	524453.50	R	360.00
	CC 75169.52	524772.24	L	29.53
	PI 75323.79	524446.63	T	14.77
104	PCC 75336.87	524453.50	Δ	71°-41'-45.3"
	CC 75430.78	524642.26	R	180.00
	PCC 75253.20	524612.87	L	225.24
	PI 75452.02	524513.96	T	130.05
105	PCC 75430.78	524642.26	Δ	4°-42'-0.0"
	PT 75424.77	524671.16	R	360.00
	CC 75075.61	524583.48	L	29.53
	PI 75428.37	524656.84	T	14.77

NOTES:
 1. See Sheet No. 11 for Alignment Notes.
 2. For Halawa Stream details, see Sheets 287-294.



STATE OF HAWAII
 DEPARTMENT OF TRANSPORTATION
 HIGHWAYS DIVISION

ALIGNMENT PLAN

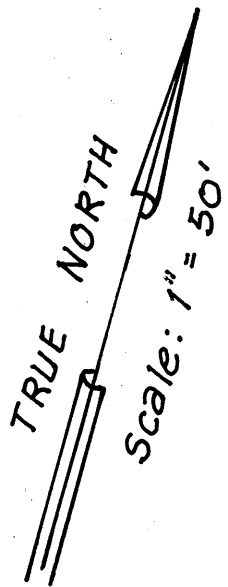
INTERSTATE ROUTE H-1
 PROJECT NO. I-HI-1(88)13

SCALE: 1" = 50' DATE: July 17, 1970

SHEET No. 7 OF 10 SHEETS

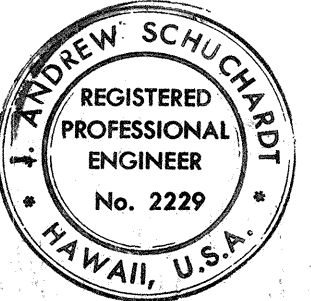
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	I-HI-1(88)-13	1971	17	457

CURVE DATA TABLE					
NO.	N. COORDINATE	E. COORDINATE	DATA		
PC	74105.57	523645.79	Δ	19°-22'-15.0"	
PT	74630.73	523764.32	R	1600.00	
CC	74715.40	522166.56	L	540.94	
P.I.	74358.04	523749.87	T	273.07	



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

NOTE:
See Sheet No. 11 for Alignment Notes.

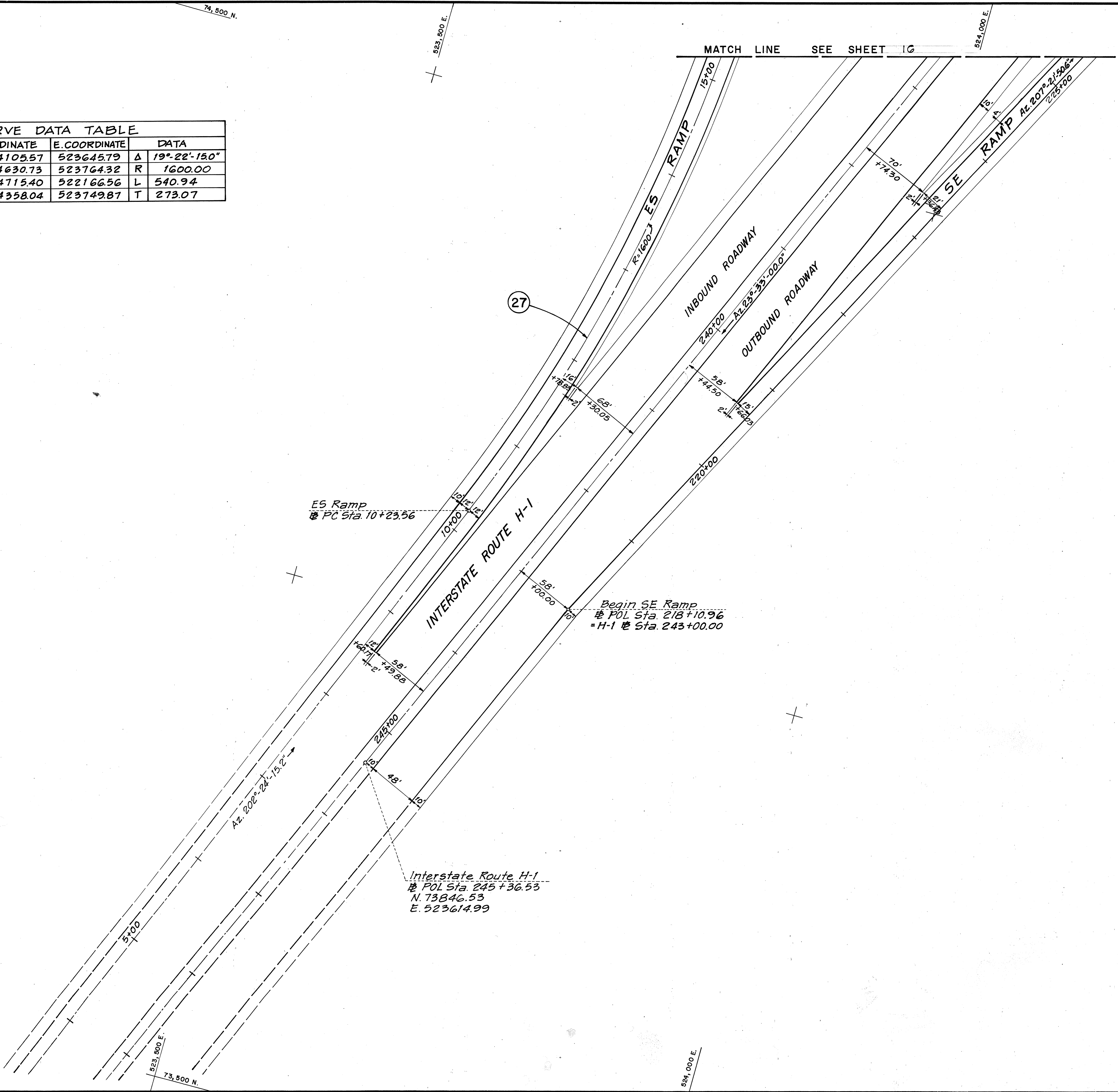


THIS WORK WAS PREPARED BY
ME OR UNDER MY SUPERVISION.
J. Andrew Schuchard

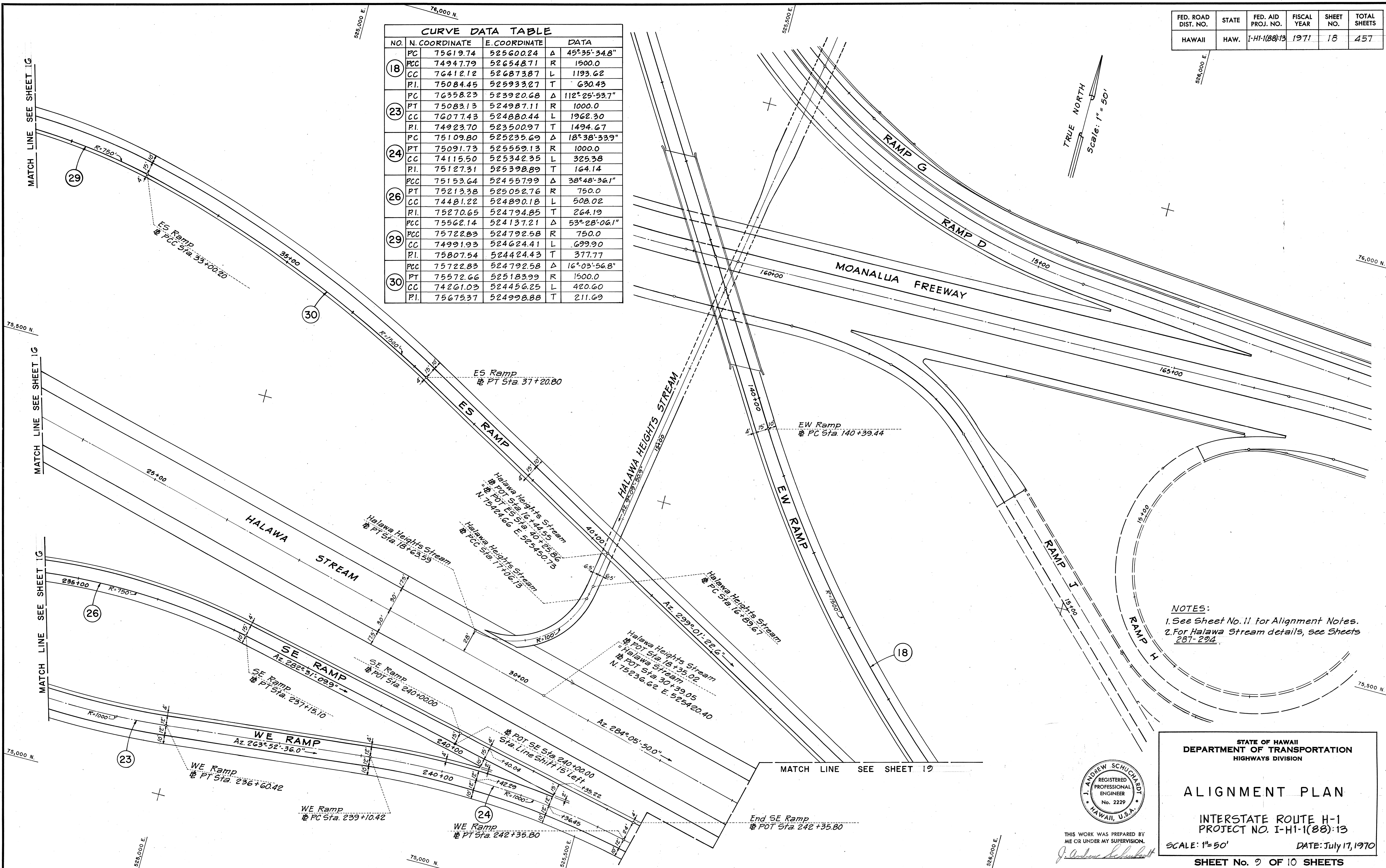
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

ALIGNMENT PLAN

INTERSTATE ROUTE H-1
PROJECT NO. I-HI-1(88)-13
SCALE: 1"=50' DATE: July 17, 1970
SHEET No. 8 OF 10 SHEETS



CURVE DATA TABLE					
NO.	N. COORDINATE	E. COORDINATE	DATA		
(18)	PC	75619.74	525600.24	Δ	45°35'-34.8"
	PCC	74947.79	526548.71	R	1500.0
	CC	76412.12	526873.87	L	1193.62
	PI	75084.45	525933.27	T	630.43
(23)	PC	76358.23	523920.68	Δ	112°25'-53.7"
	PT	75083.13	524987.11	R	1000.0
	CC	76077.43	524880.44	L	1962.30
	PI	74923.70	523500.97	T	1494.67
(24)	PC	75109.80	525235.69	Δ	18°38'-33.9"
	PT	75091.73	525559.13	R	1000.0
	CC	74115.50	525342.35	L	325.38
	PI	75127.31	525398.89	T	164.14
(26)	PCC	75153.64	524557.99	Δ	38°48'-36.1"
	PT	75213.38	525052.76	R	750.0
	CC	74481.22	524890.18	L	508.02
	PI	75270.65	524719.85	T	264.19
(29)	PCC	75562.14	524137.21	Δ	53°28'-06.1"
	PCC	75722.83	524792.58	R	750.0
	CC	74991.93	524624.41	L	699.90
	PI	75807.54	524424.43	T	371.77
(30)	PCC	75722.83	524792.58	Δ	16°03'-56.8"
	PT	75572.66	525183.99	R	1500.0
	CC	74261.03	524456.25	L	420.60
	PI	75675.37	524998.88	T	211.69



SHEET No. 9 OF 10 SHEETS

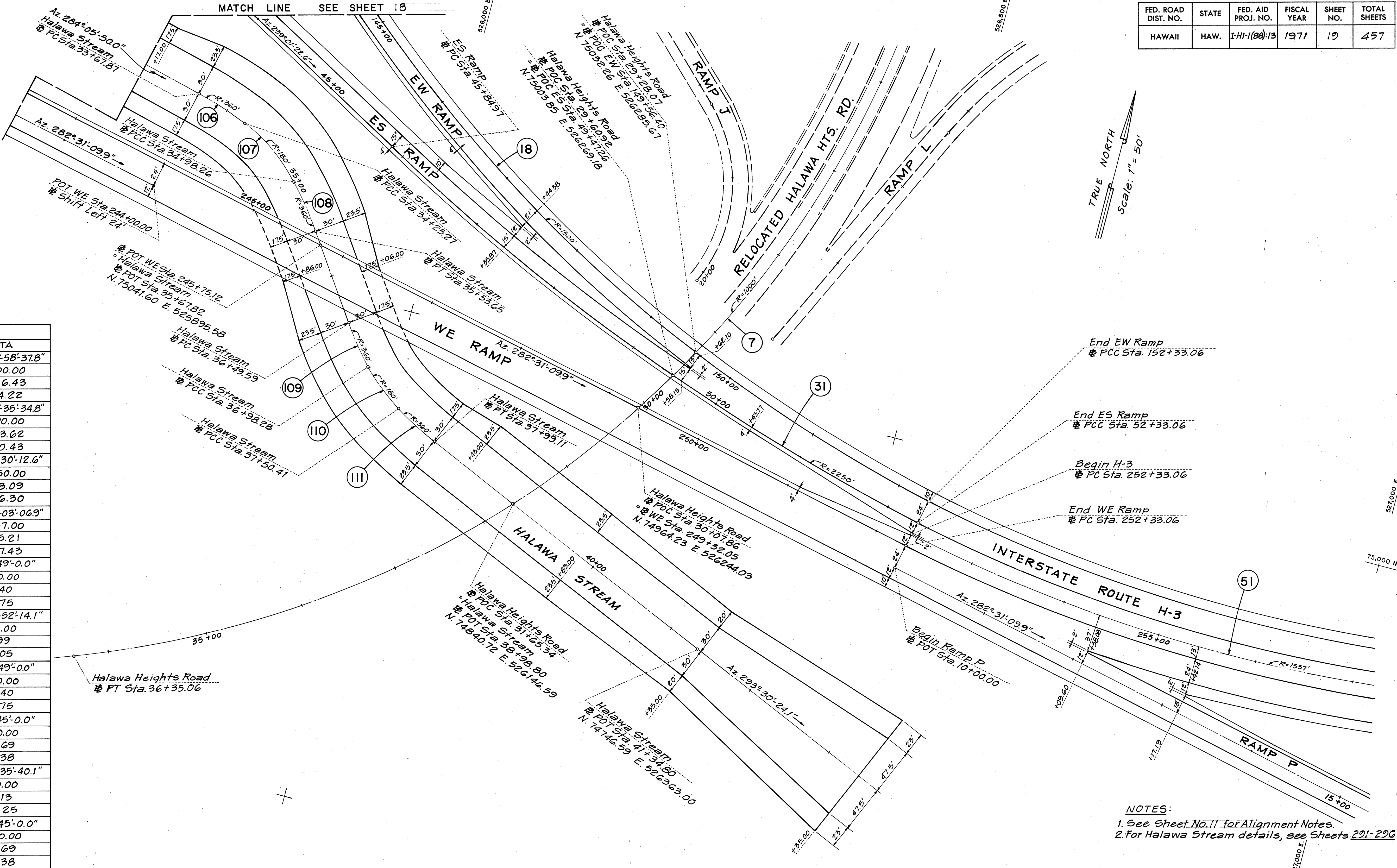
THIS WORK WAS PREPARED BY
ME OR UNDER MY SUPERVISION

THIS WORK WAS PREPARED BY
ME OR UNDER MY SUPERVISION

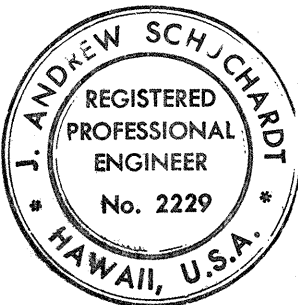
1 \$

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	I-HI-1(88)13	1971	19	457

CURVE DATA TABLE				
NO.	N. COORDINATE	E. COORDINATE	DATA	
7	PC	7548995	526412.20	Δ 67°58'37.8"
	PT	7458207	525759.66	R 1000.00
	CC	7551993	525412.65	L 1186.43
	PI	7481603	526391.98	T 674.22
	PC	7561974	525600.24	Δ 45°35'34.8"
18	PCC	7494779	526548.71	R 1500.00
	CC	7641212	526873.87	L 1193.62
	PI	7508445	525933.27	T 630.43
	PC	7515340	525939.64	Δ 16°30'12.6"
	PCC	7492436	526643.51	R 2250.00
31	CC	7712086	527031.25	L 648.09
	PI	7499509	526224.97	T 326.30
	PC	7491167	526540.69	Δ 24°03'06.9"
	PT	7490615	527181.15	R 1537.00
	CC	7641212	526873.87	L 645.21
51	PI	7484069	526860.34	T 327.43
	PC	7515653	525739.31	Δ 8°49'0.0"
	PCC	7513896	525791.79	R 360.00
	CC	7480737	525651.63	L 55.40
	PI	7514977	525766.23	T 27.75
106	PCC	7513896	525791.79	Δ 23°52'14.1"
	PCC	7509642	525852.89	R 180.00
	CC	7497317	525721.71	L 74.99
	PI	7512415	525826.84	T 38.05
	PCC	7509642	525852.89	Δ 8°49'0.0"
107	PT	7505330	525887.57	R 360.00
	CC	7484992	525590.54	L 55.40
	PI	7507620	525871.89	T 27.75
	PC	7497414	525941.77	Δ 7°45'0.0"
	PCC	7493594	525971.91	R 360.00
108	CC	7517752	526238.81	L 48.69
	PI	7495402	525955.55	T 24.38
	PCC	7493594	525971.91	Δ 16°35'40.1"
	PCC	7490286	526011.96	R 180.00
	CC	7505673	526105.36	L 52.13
109	PI	7491648	525989.52	T 26.25
	PCC	7490286	526011.96	Δ 7°45'0.0"
	PT	7488048	526055.17	R 360.00
	CC	7521060	526198.76	L 48.69
	PI	7489021	526032.81	T 24.38



- NOTES:
- See Sheet No. 11 for Alignment Notes.
 - For Halawa Stream details, see Sheets 291-296.



THIS WORK WAS PREPARED BY
ME OR UNDER MY SUPERVISION.
J. Andrew Schuchart

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

ALIGNMENT PLAN

INTERSTATE ROUTE H-1
PROJECT NO. I-HI-1(88)13

SCALE: 1"=50' DATE: July 17, 1970

SHEET No. 10 OF 10 SHEETS

ORIGINAL	DATE
PLAN	---
TRACED BY	---
DESIGNED BY	---
CHECKED BY	---
NOTE BOOK	---
No.	---