

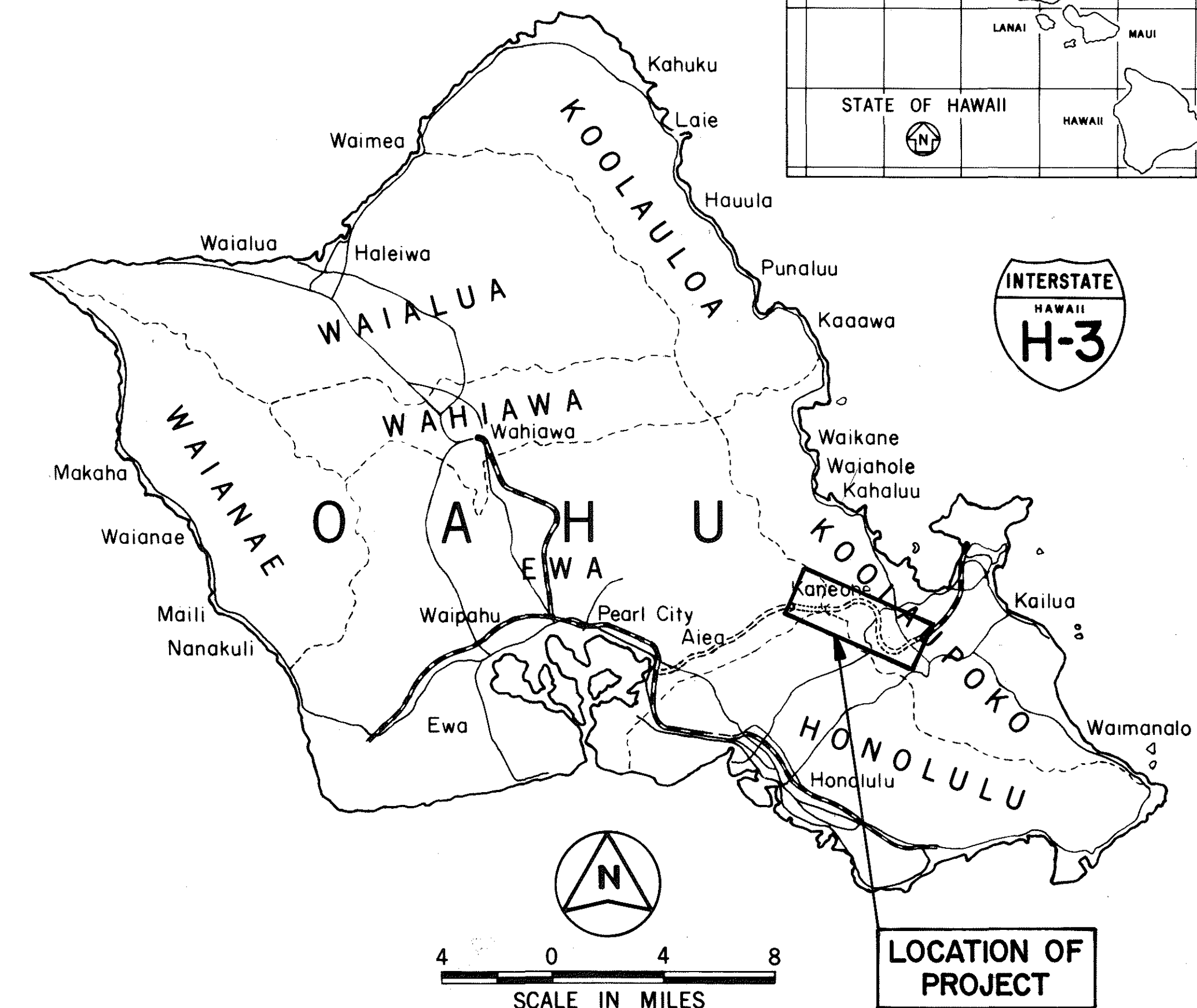
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PLAN SHEETS NOS. ①ADD56S-1, ADD56S-2,
②ADD.76S-1, C.O.76S-2, ③ADD.169S-1,
④C.O.349S-1 THROUGH C.O.349S-3, AND
⑤ADD.395S-1, ADD397S-1 AND ADD.397S-2
ARE SUPPLEMENTARY SHEETS TO THIS PROJECT.
ALSO, SHEETS 65 AND 66 WERE DELETED FROM
THIS PROJECT. TOTAL SHEET COUNT AFTER
"AS-BUILT" POSTINGS 414 SHEETS.

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION
HONOLULU, HAWAII
"AS-BUILT"
PLANS FOR
CONSTRUCTION OF A PORTION OF
INTERSTATE ROUTE H-3
H-3 FINISH (UNIT I)
WINDWARD SECTION

FEDERAL AID INTERSTATE PROJECT NO. I-H3-I(75), UNIT I

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	I-H3-1(75),UNIT I	1996	1	405



DESIGN DESIGNATION

CHANGES MADE DURING CONSTRUCTION HAVE BEEN INCORPORATED ON THESE PLANS EXCEPT CHANGES IN THE ORIGINAL THEORETICAL QUANTITIES. FOR ACTUAL QUANTITIES, REFER TO PROJECT LEDGER AND/OR COMPUTATION BOOK

DEPARTMENT OF TRANSPORTATION
STATE OF HAWAII

STANDARD PLANS SUMMARY

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	I-H3-1(75), UNIT I	1996	2	405

STANDARD PLAN NO.	TITLE	DATE
B-01 ●	Notes and Miscellaneous Details	07/01/86
B-02		
B-03	Typical Structure Excavation and Backfill Pay Limits	07/01/86
B-04		
B-05		
B-06	Concrete Box Girder	07/01/86
B-07	Concrete Box Girder	07/01/86
B-08	Concrete Box Girder	07/01/86
B-09		
B-10		
B-11		
B-12	Prestressed Concrete Piles	r07/16/90
B-13	Prestressed Concrete Piles	r07/16/90

D-01 ●	Chain Link Fence With Toprail	r03/06/87
D-02	Chain Link Fence Without Toprail	r07/26/90
D-03	Wire Fence With Metal Posts	07/01/86
D-04	Typical Details of Curbs and/or Gutters	07/01/86
D-05	Typical Details of Reinforced Concrete Drop Driveway	07/01/86
D-06	Centerline and Reference Survey Monument	07/01/86
D-07 ●	Street Survey Monument	07/01/86
D-08	Landscaping Shrub and Tree Planting	07/01/86
D-09	Field Office	07/01/86
D-10	Field Office	07/01/86
D-11	Project Site Laboratory	07/01/86
D-12	Project Site Laboratory	07/01/86
D-13	Field Office & Project Site Laboratory	07/01/86

H-01	Type A, B, C and D Catch Basin	07/01/86
H-02	Type A1, B1, C1 and D1 Catch Basin	07/01/86
H-03	Type A2, B2, C2 and D2 Catch Basin	07/01/86
H-04 ●	Typical Reinforcing Details for Catch Basins	07/01/86
H-05 ●	Type A, B and C Storm Drain Manhole	07/01/86
H-06 ●	Type D and E Storm Drain Manhole	07/01/86
H-07 ●	Type F Storm Drain Manhole	07/01/86
H-08 ●	Catch Basin and Manhole Casting	07/01/86
H-09 ●	Type A-9 and A-9P Frames and Grates	07/01/86
H-10	Type A-9B Frames and Grates	07/01/86
H-11 ●	Type 61614 and 61214 Grated Drop Inlet	07/01/86
H-12 ●	Type 61616 Grated Drop Inlet	07/01/86
H-13 ●	61214, 61614 & 61616 Steel Frames and Grates	07/01/86
H-14	61214B Steel Frame and Grates	07/01/86
H-15	61614B Steel Frame and Grates	07/01/86
H-16	Concrete and Cement Rubble Masonry Structures	r10/16/90
H-17	Inlet Structures	r10/16/90
H-18	Flared End Section for Culverts	07/01/86
H-19	Outlet Structures	r02/15/91
H-20	Concrete Spillway Inlet	07/01/86
H-21	18" Slotted C.M.P. Drain	07/01/86
H-22	C.M.P. Coupling Details Standard Joint	r10/16/90
H-23	Hat Shaped Coupling Band	r10/16/90

STANDARD PLAN NO.	TITLE	DATE
TE-01 ●	Miscellaneous Sign Details	07/01/86
TE-02 ●	Galvanized Flanged Channel Sign Post Mounting	07/01/86
TE-03 ●	Galvanized Square Tube Sign Post Mounting	07/01/86
TE-04 ●	Regulatory Signs	r09/01/87
TE-05 ●	Warning Signs	07/01/86
TE-06 ●	Miscellaneous Signs	r11/03/89
TE-07	Reserved	07/01/86
TE-08 ●	Construction Signs	r09/01/87
TE-09	Miscellaneous Intersection Signs	r03/06/87
TE-10	Reserved	07/01/86
TE-11	Bike Route Sign and Supplementary Plates	07/01/86
TE-12 ●	State Route Marker and Auxiliary Markers	07/01/86
TE-13 ●	Interstate Route Marker	07/01/86
TE-14 ●	State Route Marker and Border Detail for Guide Signs	07/01/86
TE-15 ●	Route Marker Assemblies	07/01/86
TE-16 ●	Miscellaneous Reflector Markers	07/01/86
TE-17	Type II Object Markers	07/01/86
TE-18 ●	Mileposts	07/01/86
TE-19	Reserved	07/01/86
TE-20	Overhead Sign Supports	07/01/86
TE-21	Miscellaneous Sign Details	07/01/86
TE-22	Foundation Details and Schedules	07/01/86
TE-23 ●	Supports for Ground Mounted Guide Sign	r11/03/89
TE-24 ●	Breakaway Sign Supports for Ground Mounted Guide Signs	07/01/86
TE-25 ●	Laminated Aluminum Sign Panels (Overhead)	07/01/86
TE-26 ●	Laminated Aluminum Sign Panels (Ground Mounted)	07/01/86
TE-27 ●	Solid Aluminum Extruded Sign Panel and Accessory Details	07/01/86
TE-28 ●	Guide Signs Luminaire Mountings	07/01/86
TE-29	Reserved	07/01/86
TE-30 ●	Raised Pavement Markers and Striping	r05/09/90
TE-31 ●	Miscellaneous Pavement Markings	r05/09/90
TE-32 ●	Miscellaneous Pavement Markings	r05/09/90
TE-33 ●	Miscellaneous Pavement Markings	r11/03/89
TE-34	Reserved	07/01/86
TE-35	Pavement Alphabets, Numbers & Symbols	07/01/86
TE-36 ●	Pavement Alphabets, Numbers & Symbols	07/01/86
TE-37	Reserved	07/01/86
TE-38	Traffic Signal System, Miscellaneous Details	r11/03/89
TE-39	Traffic Signal System, Miscellaneous Details	07/01/86
TE-40	Loop Detectors	r11/03/89
TE-41	Pullboxes	07/01/86
TE-42	Type III Traffic Signal Standard	07/01/86
TE-43	Concrete Pullbox (2' x 3')	07/01/86
TE-44	Reserved	07/01/86

STANDARD PLAN NO.	TITLE	DATE ¹
TE-45	Reserved	07/01/86
TE-46	Reserved	07/01/86
TE-47	Reserved	07/01/86
TE-48	Reserved	07/01/86
TE-49	Reserved	07/01/86
TE-50 ●	Metal Guardrail	r03/06/87
TE-51 ●	Metal Guardrail	r09/01/87
TE-52 ●	Metal Guardrail with Rubrail	r11/03/89
TE-53	Metal Guardrail with Rubrail at Obstruction	r09/01/87
TE-54 ●	Beam Type Guardrail with Rubrail at Obstruction (Shoulder Installation)	r11/03/89
TE-55 ●	Metal Guardrail Connection to Concrete Barrier	r11/03/89
TE-56	Concrete Barrier Transition	07/01/86
TE-57 ●	Guardrail Type 3, Thrie Beam	r11/03/89
TE-57A	Guardrail Type 3, Modified Thrie Beam	11/03/89
TE-58	Approach End Flare, One & Two Way Roadway	07/01/86
TE-59 ●	Trailing End Flare, One & Two Way Roadway	r11/03/89
TE-60 ●	Anchor Block Details	07/01/86
TE-61	Breakaway Cable Terminal (BCT)	r11/03/89
TE-62	Breakaway Cable Terminal (BCT)	r09/01/87
TE-63 ●	Guardrail Type 4 (Rigid Barrier)	r09/01/87
TE-64 ●	Portable Concrete Barrier	r11/03/89
TE-65 ●	Guardrail Type 4, Miscellaneous	r09/01/87
TE-66 ●	Barricades	07/01/86
TE-67	Delineation & Pavement Markings at Bridges	07/01/86
TE-68	Wheelchair Ramps	r11/03/89
TE-69	Wheelchair Ramps	r11/03/89

NOTE:
STANDARD PLANS APPLICABLE TO THIS PROJECT ARE INDICATED BY A " ● " NEXT TO THE STANDARD PLAN NO.

02/15/91	REVISED STANDARD PLANS H-19
10/16/90	REVISED STANDARD PLANS H-16,H-17, H-22 & H-23.
07/26/90	REVISED STANDARD PLANS D-02.
07/16/90	REVISED STANDARD PLANS B-12,B-13,
05/09/90	REVISED STANDARD PLANS TE-30,TE-31, & TE-32.
11/03/89	REVISED STANDARD PLANS TE-06,TE-23, TE-30, TE-31, TE-32, TE-33, TE-38, TE-40, TE-52, TE-54, TE-55, TE-57, TE-59, TE-61, TE-64, TE-68 & TE-69.
	ADDED TE-57A TO STANDARD PLANS
09/01/87	REVISED STANDARD PLANS TE-04,TE-06, TE-08, TE-32, TE-51, TE-53, TE-54, TE-55, TE-57, TE-59, TE-62, TE-63, TE-65 & TE-69.
03/06/87	REVISED STANDARD PLANS D-01, TE-09, TE-40, TE-50, TE-51, TE-57, TE-59, TE-61, TE-63 & TE-64.
DATE	REVISION

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

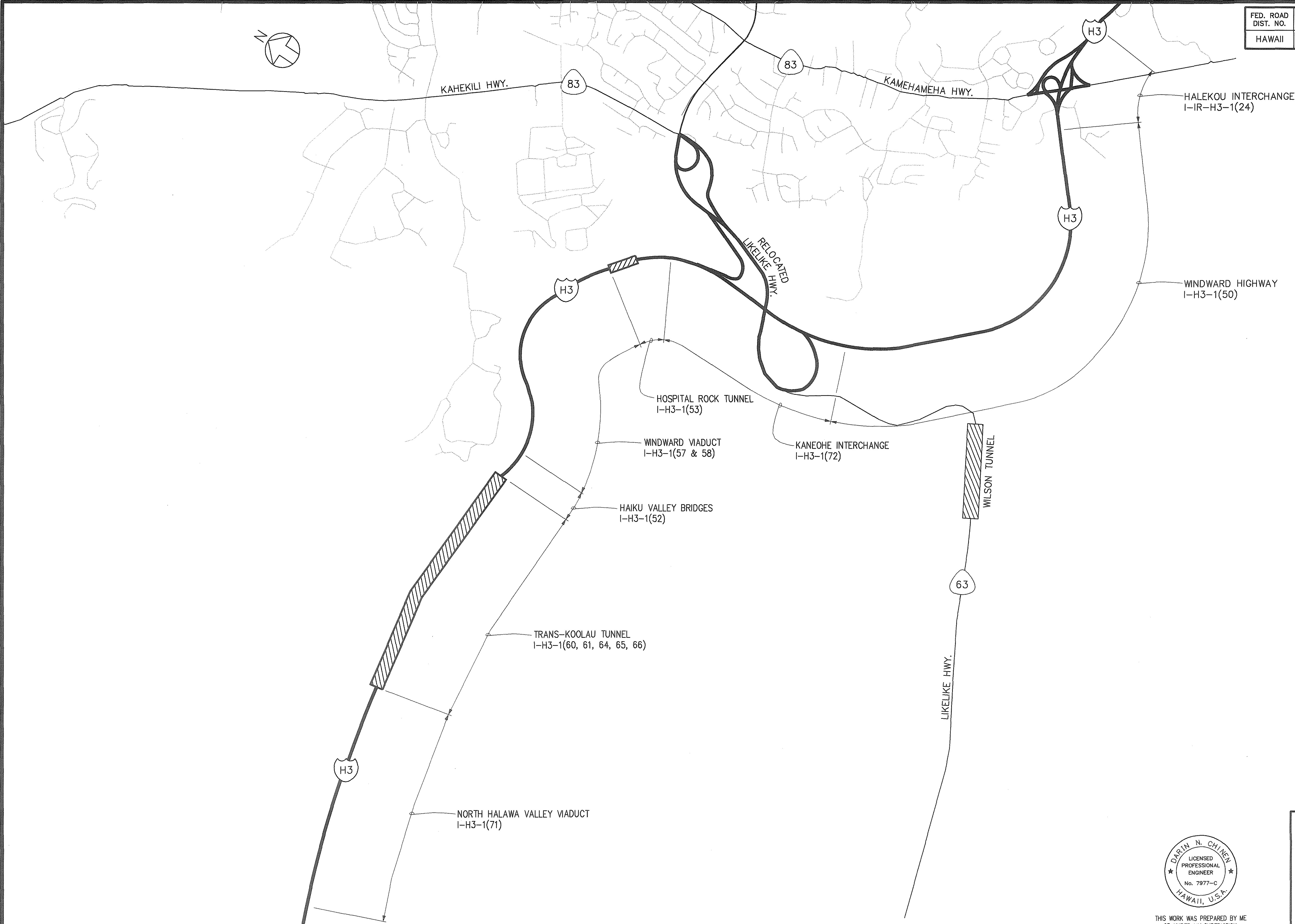
STANDARD PLANS SUMMARY

INTERSTATE ROUTE H-3
FAIP NO. I-H3-1(75), UNIT I

SCALE: NONE DATE: JANUARY 1996

SHEET NO. G2 OF 8 SHEETS

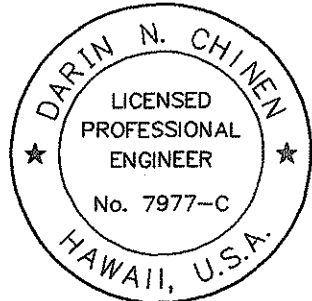
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	I-H3-1(75), UNIT I	1996	3	



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

CAD by G.D. TRUONG, SS-52

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THIS WORK WAS PREPARED BY ME
OR UNDER MY SUPERVISION.

Darin N. Chien

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

LOCATION MAP

INTERSTATE ROUTE H-3
FAIP NO. I-H3-1(75), UNIT I

SCALE: NOT TO SCALE DATE: JANUARY 1996

SHEET NO. G3 OF 8 SHEETS

ORIGINAL
PLAN
No. _____

SURVEY PLOTTED BY _____
DRAWN BY _____
DESIGNED BY _____
CHECKED BY _____
NOTE BOOK
QUANTITIES BY _____

DATE _____

CAD by Q.D. TRUONG, 55-52

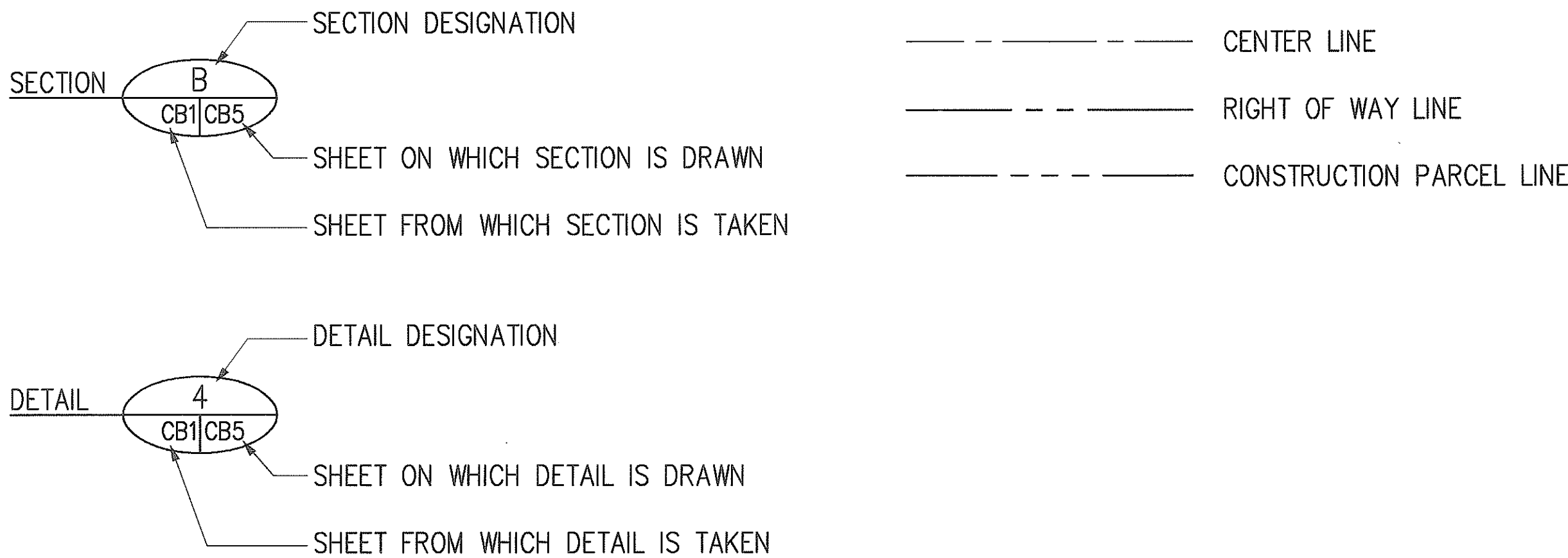
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ABBREVIATIONS

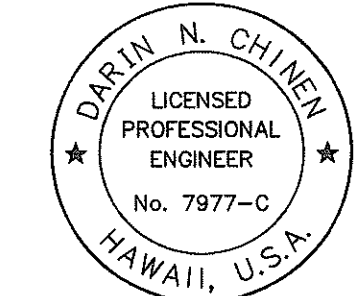
ABUT.	ABUTMENT	EXC.	EXCAVATION	N	NORTH	STA.	STATION
AC, A.C.	ASPHALT CONCRETE	EXIST., EX., EXST.	EXISTING	N.I.C.	NOT IN CONTRACT	STATE, DOT	STATE OF HAWAII, DEPARTMENT OF TRANSPORTATION
ACB	ASPHALT CONCRETE BASE	EXP.	EXPANSION	N.T.S.	NOT TO SCALE	STD.	STANDARD
APPROX.	APPROXIMATE	F	FILL	NF	NEAR FACE	STRUCT.	STRUCTURE
℄	BASELINE	FAIP	FEDERAL AID INTERSTATE PROJECT	NO., #	NUMBER	T & B	TOP AND BOTTOM
BOT.	BOTTOM	FF	FAR FACE	O.B.	OUTBOUND	TEMP.	TEMPORARY
℄	CENTERLINE	FHWA	FEDERAL HIGHWAY ADMINISTRATION	O.C.	ON CENTER	TRAP., TRAPEZ.	TRAPEZOIDAL
C	CUT	FIN.	FINISH	O/S	OFFSET	TYP.	TYPICAL
C.Y.	CUBIC YARD	FT.	FOOT, FEET	℄	PLATE	VERT.	VERTICAL
CEIL.	CEILING	GALV.	GALVANIZED	P.C.	POINT OF CURVATURE	W	WIDTH
CL.	CLASS	GDI	GRATED DROP INTAKE	P.C.C	POINT OF COMPOUND CURVATURE, PORTLAND CEMENT CONCRETE	WWF	WELDED WIRE FABRIC
CLR.	CLEAR	GR.	GRADE	P.I.	POINT OF INTERSECTION		
CMP	CORRUGATED METAL PIPE	GRP	GROUTED RUBBLE PAVING	P.O.C.	POINT ON CURVE		
COMM.	COMMUNICATION			P.O.T.	POINT ON TANGENT		
CONC.	CONCRETE	H.S.	HIGH STRENGTH	P.T.	POINT OF TANGENCY		
CONN.	CONNECTION	HECO	HAWAIIAN ELECTRIC COMPANY	PERM.	PERMEABLE		
CONST.	CONSTRUCTION	HORIZ.	HORIZONTAL	PSF	POUNDS PER SQUARE FOOT		
CONT.	CONTINUOUS	HWY.	HIGHWAY	PSI	POUNDS PER SQUARE INCH		
CRM	CEMENT BUBBLE MASONRY			PT.	POINT		
		I.B.	INBOUND	PVC	POLYVINYL CHLORIDE		
D	DEEP	INV.	INVERT	PVM'T, PAVT.	PAVEMENT		
DET.	DETAIL	J.B.	JUNCTION BOX	PWR.	POWER		
DIA, ∅	DIAMETER	JT.	JOINT	R	RADIUS		
DL	DRAINLINE			R/W	RIGHT OF WAY		
DWGS.	DRAWINGS	KAM.	KAMEHAMEHA	RCP	REINFORCED CONCRETE PIPE		
		KV	KILOVOLT	RECT.	RECTANGULAR		
E	EAST	L	LENGTH	REF.	REFERENCE		
E.F.	EACH FACE	LBS.	POUNDS	REL.	RELOCATED		
E.P.	EDGE OF PAVEMENT	LG.	LONG	REINF.	REINFORCED, REINFORCING		
E.W.	EACH WAY	LT.	LEFT	RT.	RIGHT		
ELEC.	ELECTRICAL						
ELEV., EL.	ELEVATION	MAX.	MAXIMUM	S.F.	SQUARE FEET		
EMB.	EMBANKMENT	MDI	MEDIAN DROP INLET	SDMH	STORM DRAIN MANHOLE		
EMERG.	EMERGENCY	MIN.	MINIMUM	SHT.	SHEET		
EQ.	EQUAL	MTG.	MOUNTING	SPCS, SPS.	SPACES		
EQUIP.	EQUIPMENT						

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	I-H3-1(75), UNIT I	1996	4	

LEGEND



NOTE:
THE ABBREVIATIONS AND LEGEND ON THIS PLAN APPLY
TO ALL PLANS, UNLESS NOTED OTHERWISE.



THIS WORK WAS PREPARED BY ME
OR UNDER MY SUPERVISION.

Darin N. Chinen

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION
**GENERAL ABBREVIATIONS
AND LEGEND**

INTERSTATE ROUTE H-3
FAIP NO. I-H3-1(75), UNIT I
SCALE: NONE DATE: JANUARY 1996
SHEET NO. G4 OF 8 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	I-H3-1(75), UNIT I	1996	5	405

SHEET	SHEET NO.	TITLE
1. GENERAL		
1	G1	TITLE SHEET
2	G2	STANDARD PLANS SUMMARY
3	G3	LOCATION MAP
4	G4	GENERAL ABBREVIATIONS AND LEGEND
ADD 5	G5	LIST OF PLANS - 1
ADD 6	G6	LIST OF PLANS - 2
ADD 7	G7	LIST OF PLANS - 3
ADD 8	G8	LIST OF PLANS - 4

2. ALIGNMENT

9	A1	H-3: STA. 534+22.93 (I.B.) & STA. 534+58.24 (O.B.) TO STA. 544+00
10	A2	H-3: STA. 544+00 TO STA. 556+00
11	A3	H-3: STA. 556+00 TO STA. 568+00
12	A4	H-3: STA. 568+00 TO STA. 580+00
13	A5	H-3: STA. 580+00 TO STA. 592+00
14	A6	H-3: STA. 592+00 TO STA. 604+00
15	A7	H-3: STA. 604+00 TO STA. 616+00
16	A8	H-3: STA. 616+00 TO STA. 628+00
17	A9	H-3: STA. 628+00 TO STA. 640+00
18	A10	H-3: STA. 640+00 TO STA. 652+00
19	A11	H-3: STA. 652+00 TO STA. 264+00
20	A12	H-3: STA. 264+00 TO STA. 276+00
21	A13	H-3: STA. 276+00 TO STA. 288+00
22	A14	H-3: STA. 288+00 TO STA. 300+00
23	A15	H-3: STA. 300+00 TO STA. 312+00
24	A16	H-3: STA. 312+00 TO STA. 324+00
25	A17	H-3: STA. 324+00 TO STA. 313+00
26	A18	H-3: STA. 313+00 TO STA. 325+00
27	A19	H-3: STA. 325+00 TO STA. 337+00
28	A20	H-3: STA. 337+00 TO STA. 349+00
29	A21	H-3: STA. 349+00 TO STA. 406+00
30	A22	H-3: STA. 406+00 TO STA. 418+00
31	A23	H-3: STA. 418+00 TO STA. 430+00
32	A24	H-3: STA. 430+00 TO STA. 442+00
33	A25	H-3: STA. 442+00 TO STA. 454+00
34	A26	H-3: STA. 454+00 TO STA. 466+00
35	A27	H-3: STA. 466+00 TO STA. 478+00
36	A28	H-3: STA. 478+00 TO STA. 490+00
37	A29	H-3: STA. 490+00 TO STA. 502+00
38	A30	H-3: STA. 502+00 TO STA. 514+00
39	A31	H-3: STA. 514+00 TO STA. 525+00
40	A32	H-3: STA. 525+00 TO STA. 536+00
41	A33	KAMEHAMEHA HWY: STA. 102+00 TO STA. 110+00
42	A34	KAMEHAMEHA HWY: STA. 110+00 TO STA. 120+00
43	A35	KAMEHAMEHA HWY: STA. 120+00 TO STA. 128+00

SHEET	SHEET NO.	TITLE
44	A36	RAMP A: STA. 0+00 TO STA. 10+00
45	A37	RAMP A: STA. 10+00 TO STA. 17+13.60
46	A38	RAMP C
47	A39	RAMP D: STA. 0+00 TO STA. 8+00
48	A40	RAMP D: STA. 8+00 TO STA. 19+06.64
49	A41	RAMP E
50	A42	RAMP F
51	A43	RAMP G
52	A44	RAMP H
53	A45	SERVICE ROAD: STA. 0+00 TO STA. 15+00
54	A46	SERVICE ROAD: STA. 15+00 TO STA. 24+38.05

3. CIVIL

ROADWAY CONSTRUCTION

55	CA1	N. HALAWA VALLEY VIADUCT - I.B. STA. 532+00 TO I.B. STA. 532+30
56	CA2	KANEOHE INTERCHANGE
ADD 56S-1	CA2A	WINDWARD HIGHWAY - EMERGENCY ESCAPE RAMP
ADD 56S-2	CA2B	WINDWARD HIGHWAY - EMERGENCY ESCAPE RAMP

DRAINAGE STRUCTURES

57	CB1	GENERAL PLAN - HOSPITAL ROCK TUNNEL / KANEOHE INTERCHANGE
58	CB2	CRM AT STA. 320+74
59	CB3	CRM AND TRASH BARRIER AT STA. 315+03
60	CB4	TRASH BARRIER AT INLET STRUCTURE STA. 313+22
61	CB5	TRASH BARRIER AT INLET STRUCTURE STA. 319+78
62	CB6	MODIFICATION TO OUTLET STRUCTURE STA. 315+61
63	CB7	MODIFICATION TO OUTLET STRUCTURE STA. 320+74
64	CB8	MODIFICATION TO OUTLET STRUCTURE STA. 324+11
65	CB9	54" SRSP DRAIN AT RELOCATED LIKELIKE HIGHWAY STA. 24+62
66	CB10	54" RCP DRAIN AT STA. 338+27
67	CB11	DRAINAGE DITCH EXTENSION AT RELOCATED LIKELIKE HWY. STA. 39+65 & STA. 41+90
68	CB12	REMOVAL OF TEMPORARY CULVERTS: HOSPITAL ROCK TUNNEL ACCESS ROAD
69	CB13	72-INCH DRAIN REPAIR
70	CB14	MODIFICATIONS TO BOX CULVERT AT WINDWARD HIGHWAY STA. 453+87

HOSPITAL ROCK TUNNEL GRADING

71	CC1	GRADING NOTES / EROSION AND SEDIMENT CONTROL MEASURES
ADD 72	CC2	HOSPITAL ROCK TUNNEL GRADING AND DRAIN LOCATIONS
ADD 73	CC3	HOSPITAL ROCK TUNNEL GRAVEL AND HORIZONTAL DRAIN DETAILS
ADD 74	CC4	TUNNEL CROSS SECTIONS
ADD 75	CC5	TUNNEL CROSS SECTIONS
ADD 76	CC6	TUNNEL CROSS SECTIONS

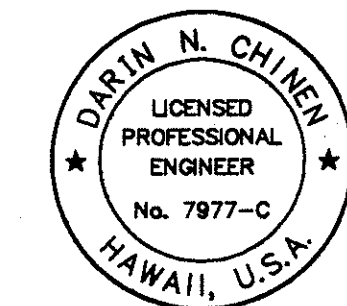
WINDWARD VIADUCT

ADD 76S-1	WG1	ABUTMENT NO. 2 GRP SLOPE PROTECTION
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SHEET	SHEET NO.	TITLE
HAIKU ACCESS ROAD GRADING		
77	CE1	HAIKU ACCESS ROAD GRADING AND ROADWAY CONSTRUCTION
78	CE2	HAIKU ACCESS ROAD GRADING AND ROADWAY CONSTRUCTION
ADD. 79	CE3	HAIKU ACCESS ROAD ROADWAY CONSTRUCTION - DETAILS
80	CE4	HAIKU ACCESS ROAD CROSS SECTIONS
81	CE5	HAIKU ACCESS ROAD CROSS SECTIONS
82	CE6	HAIKU ACCESS ROAD CROSS SECTIONS
83	CE7	HAIKU ACCESS ROAD CROSS SECTIONS
84	CE8	HAIKU ACCESS ROAD CROSS SECTIONS
85	CE9	HAIKU ACCESS ROAD CROSS SECTIONS
86	CE10	HAIKU ACCESS ROAD CROSS SECTIONS
87	CE11	HAIKU ACCESS ROAD CROSS SECTIONS
88	CE12	HAIKU ACCESS ROAD CROSS SECTIONS
89	CE13	HAIKU ACCESS ROAD CROSS SECTIONS
90	CE14	HAIKU ACCESS ROAD CROSS SECTIONS

WINDWARD HIGHWAY/HALEKOU INTERCHANGE

91	CF1	WINDWARD HIGHWAY HALEKOU INTERCHANGE NOTES, LEGEND & KEY PLAN
92	CF2	TYPICAL SECTIONS
ADD 93	CF3	TYPICAL SECTIONS
94	CF4	TYPICAL SECTIONS
95	CF5	WINDWARD HIGHWAY HALEKOU INTERCHANGE MEDIAN SUPERELEVATION
96	CF6	WINDWARD HIGHWAY HALEKOU INTERCHANGE MEDIAN SUPERELEVATION
97	CF7	WINDWARD HIGHWAY ROADWAY CONSTRUCTION
98	CF8	WINDWARD HIGHWAY ROADWAY CONSTRUCTION
ADD 99	CF9	HALEKOU INTERCHANGE ROADWAY CONSTRUCTION
100	CF10	HALEKOU INTERCHANGE ROADWAY CONSTRUCTION
101	CF11	HALEKOU INTERCHANGE ROADWAY CONSTRUCTION
102	CF12	HALEKOU INTERCHANGE ROADWAY CONSTRUCTION PLAN DETAIL
103	CF13	WINDWARD HIGHWAY ROADWAY CONSTRUCTION DETAILS
104	CF14	WINDWARD HWY/HALEKOU IC ROADWAY CONSTRUCTION DETAILS
105	CF15	WINDWARD HWY/HALEKOU IC ROADWAY CONSTRUCTION DETAILS
106	CF16	WINDWARD HWY/HALEKOU IC ROADWAY CONSTRUCTION DETAILS
107	CF17	WINDWARD HWY/HALEKOU IC ROADWAY CONSTRUCTION DETAILS
108	CF18	HALEKOU INTERCHANGE ROADWAY CONSTRUCTION DETAILS
109	CF19	WINDWARD HIGHWAY DRAINAGE & GRADING
110	CF20	HALEKOU INTERCHANGE DRAINAGE & GRADING
111	CF21	HALEKOU INTERCHANGE DRAINAGE & GRADING
112	CF22	WINDWARD HIGHWAY DRAINAGE DETAILS



THIS WORK WAS PREPARED BY ME
OR UNDER MY SUPERVISION.

Darin N. Chien

STATE OF HAWAII DEPARTMENT OF TRANSPORTATION HIGHWAYS DIVISION	
LIST OF PLANS - 1	
INTERSTATE ROUTE H-3 FAIP NO. I-H3-1(75), UNIT I	
SCALE: NONE	DATE: JANUARY 1996
SHEET NO. G5 OF 8 SHEETS	

ADD.5

SURVEY PLOTTED BY	DATE
DRAWN BY	
TRACED BY	
DESIGNED BY	
QUANTITIES BY	
CHECKED BY	

ORIGINAL PLAN	No.
NOTE BOOK	

CAD by Q.D. TRUONG, 55-52

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	I-H3-1(75), UNIT I	1996	6	405

SHEET			SHEET			SHEET			SHEET		
SHEET	NO.	TITLE	SHEET	NO.	TITLE	SHEET	NO.	TITLE	SHEET	NO.	TITLE
113	CF23	HALEKOU INTERCHANGE DRAINAGE DETAILS	154	SP12	N. HALAWA VALLEY VIADUCT: O.B. STA. 568+00 TO 579+00	198	TC4	TRAFFIC CONTROL PLAN: KAMEHAMEHA HIGHWAY - PHASE 3			
114	CF24	HALEKOU INTERCHANGE DRAINAGE DETAILS	155	SP13	N. HALAWA VALLEY VIADUCT: O.B. STA. 579+00 TO 590+00	199	TC5	TRAFFIC CONTROL PLAN: SERVICE ROAD - PHASE 1			
115	CF25	WINDWARD HWY/HALEKOU INTERCHANGE DRAINAGE DETAILS	156	SP14	N. HALAWA VALLEY VIADUCT: O.B. STA. 590+00 TO 592+00	200	TC6	TRAFFIC CONTROL PLAN: SERVICE ROAD - PHASE 2			
116	CF26	EROSION CONTROL	157	SP15	TRANS-KOOLAU TUNNEL: HALAWA CROSSOVER	201	TC7	TRAFFIC CONTROL PLAN: RELOCATED LIKELIKE HIGHWAY - PHASE 1			
117	CF27	EROSION CONTROL	158	SP16	TRANS-KOOLAU TUNNEL: HALAWA CROSSOVER	202	TC8	TRAFFIC CONTROL PLAN: RELOCATED LIKELIKE HIGHWAY - PHASE 2			
118	CF28	CROSS SECTIONS	159	SP17	TRANS-KOOLAU TUNNEL: HAIKU CROSSOVER						
119	CF29	CROSS SECTIONS	160	SP18	WINDWARD VIADUCT: STA. 265+00 TO STA. 284+00						
ADD 120	CF30	CROSS SECTIONS	161	SP19	WINDWARD VIADUCT: STA. 284+00 TO STA. 304+00						
<u>EMERGENCY CROSSEOVERS</u>			162	SP20	WINDWARD VIADUCT: STA. 304+00 TO STA. 324+00						
121	CG1	RELOCATED LIKELIKE HIGHWAY: ROADWAY CONSTRUCTION	163	SP21	WINDWARD VIADUCT: STA. 324+00 TO STA. 331+00						
122	CG2	RELOCATED LIKELIKE HIGHWAY: DETAILS	164	SP22	HOSPITAL ROCK TUNNEL: I.B. STA. 307+52 TO STA. 316+00	203	NH1	GENERAL PLAN & ELEVATION			
123	CG3	WINDWARD HIGHWAY: TYPICAL SECTION	165	SP23	HOSPITAL ROCK TUNNEL: STA. 316+00 TO STA. 327+00	204	NH2	GENERAL NOTES & DRAWING LIST			
124	CG4	WINDWARD HIGHWAY: SPOT ELEVATIONS	166	SP24	HOSPITAL ROCK TUNNEL: STA. 327+00 TO STA. 338+00	205	NH3	HOIST FRAME DETAILS			
125	CG5	WINDWARD HIGHWAY: ROADWAY CONSTRUCTION	167	SP25	KANEOHE INTERCHANGE: STA. 338+00 TO STA. 348+00	206	NH4	RAMP & BARRIER DETAILS			
126	CG6	WINDWARD HIGHWAY: PAVEMENT JOINT DETAIL	168	SP26	KANEOHE INTERCHANGE: STA. 348+00 TO EMERGENCY ESCAPE RAMP	207	NH5	CATWALK DETAILS			
127	CG7	WINDWARD HIGHWAY: BARRIER DETAIL	169	SP27	RELOCATED LIKELIKE HIGHWAY: STA. 9+00 TO STA. 25+00						
128	CG8	WINDWARD HIGHWAY: BARRIER DETAIL	ADD 169S-1	SP27A	RELOCATED LIKELIKE HIGHWAY: STA. 25+00 TO STA. 36+00						
129	CG9	WINDWARD HIGHWAY: DRAINAGE AND GRADING	ADD 170	SP28	RELOCATED LIKELIKE HIGHWAY: STA. 25+00 TO STA. 36+00						
130	CG10	WINDWARD HIGHWAY: DRAINAGE DETAIL	ADD 171	SP29	RELOCATED LIKELIKE HIGHWAY: STA. 36+00 TO STA. 52+00						
131	CG11	WINDWARD HIGHWAY: DRAINAGE DETAIL	172	SP30	RELOCATED LIKELIKE HIGHWAY: STA. 52+00 TO KAHEKILI HIGHWAY						
132	CG12	WINDWARD HIGHWAY: CROSS SECTIONS	173	SP31	WINDWARD HIGHWAY: STA. 405+00 TO STA. 418+00						
133	CG13	WINDWARD HIGHWAY: CROSS SECTIONS	174	SP32	WINDWARD HIGHWAY: STA. 418+00 TO STA. 442+00						
134	CG14	WINDWARD HIGHWAY: CROSS SECTIONS	175	SP33	WINDWARD HIGHWAY: STA. 442+00 TO STA. 466+00						
135	CG15	WINDWARD HIGHWAY: CROSS SECTIONS	176	SP34	WINDWARD HIGHWAY: STA. 466+00 TO STA. 490+00						
136	CG16	WINDWARD HIGHWAY: CROSS SECTIONS	177	SP35	HALEKOU INTERCHANGE: STA. 490+00 TO STA. 502+00						
137	CG17	WINDWARD HIGHWAY: EXISTING TOPOGRAPHY	178	SP36	HALEKOU INTERCHANGE: STA. 502+00 TO STA. 514+00						
			179	SP37	HALEKOU INTERCHANGE: STA. 514+00 TO STA. 525+00						
			180	SP38	HALEKOU INTERCHANGE: RAMP F						
			181	SP39	KAM. HWY.: STA. 95+00 TO STA. 101+00						
			182	SP40	HALEKOU INTERCHANGE: KAM. HWY. STA. 101+00 TO STA. 110+00						
			183	SP41	HALEKOU INTERCHANGE: KAM. HWY. STA. 110+00 TO STA. 120+00						
			184	SP42	KAM. HWY.: STA. 120+00 TO STA. 129+00						
			ADD 185	SP43	DESTINATION SIGNS: SIGN LAYOUT						
			186	SP44	DESTINATION SIGNS: SIGN LAYOUT						
			187	SP45	DESTINATION SIGNS: SIGN DETAILS						
			ADD 188	SP46	DESTINATION SIGNS: SIGN DETAILS						
			189	SP47	MISCELLANEOUS SIGN DETAILS						
			190	SP48	MISCELLANEOUS SIGN DETAILS & SIGN LAYOUT						
			191	(5C3)	REFERENCE PLAN: HALAWA SITE FINISHES: SITE PLAN GEOMETRY - 1						
			192	(5C4)	REFERENCE PLAN: HALAWA SITE FINISHES: SITE PLAN GEOMETRY - 2						
			193	(5C5)	REFERENCE PLAN: HALAWA SITE FINISHES: SITE PLAN GEOMETRY - 3						
			194	(TX6)	REFERENCE PLAN: HAIKU CROSSOVER PLAN						
<u>4. SIGNING AND PAVEMENT MARKINGS</u>			<u>5. TRAFFIC CONTROL</u>								
143	SP1	NOTES & LEGEND									
144	SP2	DESTINATION SIGNS LOCATION MAP									
145	SP3	N. HALAWA VALLEY VIADUCT: I.B. STA. 534+22.93 TO 546+00									
146	SP4	N. HALAWA VALLEY VIADUCT: I.B. STA. 546+00 TO 557+00									
147	SP5	N. HALAWA VALLEY VIADUCT: I.B. STA. 557+00 TO 568+00									
148	SP6	N. HALAWA VALLEY VIADUCT: I.B. STA. 568+00 TO 579+00									
149	SP7	N. HALAWA VALLEY VIADUCT: I.B. STA. 579+00 TO 590+00									
150	SP8	N. HALAWA VALLEY VIADUCT: I.B. STA. 590+00 TO 599+95									
151	SP9	N. HALAWA VALLEY VIADUCT: O.B. STA. 534+58.24 TO 546+00	195	TC1	TRAFFIC CONTROL PLAN NOTES AND LEGEND						
152	SP10	N. HALAWA VALLEY VIADUCT: O.B. STA. 546+00 TO 557+00	196	TC2	TRAFFIC CONTROL PLAN: KAMEHAMEHA HIGHWAY - PHASE 1						
153	SP11	N. HALAWA VALLEY VIADUCT: O.B. STA. 557+00 TO 568+00	197	TC3	TRAFFIC CONTROL PLAN: KAMEHAMEHA HIGHWAY - PHASE 2						

STATE OF HAWAII

DEPARTMENT OF TRANSPORTATION

HIGHWAYS DIVISION

LIST OF PLANS — 2

INTERSTATE ROUTE H-3

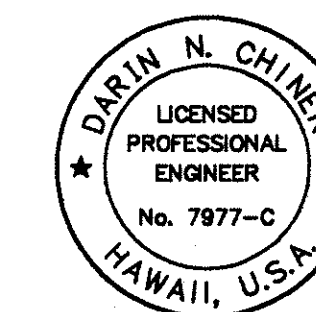
DARIN N. CHEN

LICENSED PROFESSIONAL ENGINEER

No. 7977-C

HAWAII, U.S.A.

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OR UNDER MY SUPERVISION.

Donna N. Chien

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

LIST OF PLANS - 2

INTERSTATE ROUTE H-3
FAIP NO. I-H3-1(75). UNIT I

SCALE: NONE DATE: JANUARY 1996

SHEET NO. 66 OF 8 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	I-H3-1(75), UNIT I	1996	7	405

SHEET NO.	SHEET TITLE	SHEET NO.	SHEET TITLE	SHEET NO.	SHEET TITLE
229	WV15 OUTBOUND: STA. 304+67 TO STA. 314+65	273	WS34 MAINTENANCE WALKWAY : PIERS 1-5, I.B. & O.B.	315	EH24 PARTIAL ELECTRICAL PLAN - O.B. INTERIOR, STA. 534+58.24 TO 546+00
230	WV16 OUTBOUND: STA. 314+65 TO STA. 326+46	274	WS35 MAINTENANCE WALKWAY : PIERS 6-23 & HINGES, I.B. & O.B.	316	EH25 PARTIAL ELECTRICAL PLAN - O.B. INTERIOR, STA. 546+00 TO 557+00
231	WV17 OUTBOUND: STA. 326+46 TO STA. 330+42.36	275	WS36 TYPICAL BIRD SCREEN AND ACCESS OPENING COVER DETAILS, I.B. & O.B.	317	EH26 PARTIAL ELECTRICAL PLAN - O.B. INTERIOR, STA. 557+00 TO 568+00
HAIKU VALLEY BRIDGES		WINDWARD HIGHWAY / HALEKOU INTERCHANGE		318	EH27 PARTIAL ELECTRICAL PLAN - O.B. INTERIOR, STA. 568+00 TO 579+00
232	HV1 GENERAL NOTES, BRIDGE ABBREVIATIONS, AND ESTIMATED QUANTITIES	276	Q1 LOCATION PLAN, GEN. NOTES, ESTIMATED QUANTITIES & INDEX TO DWGS	319	EH28 PARTIAL ELECTRICAL PLAN - O.B. INTERIOR, STA. 579+00 TO 590+00
233	HV2 PART. DECK LAYOUT & ELEV.: STA. 656+18.33 TO STA. 260+60 - I.B.	277	Q2 KAMOOALII STREAM BRIDGE: LAYOUT PLAN AND SECTIONS	320	EH29 PARTIAL ELECTRICAL PLAN - O.B. INTERIOR, STA. 590+00 TO 594+50
234	HV3 PART. DECK LAYOUT & ELEV.: STA. 260+60 TO STA. 264+65.53 - I.B.	278	Q3 KAMOOALII STREAM BRIDGE: TYPE "C" & "C1" UPGRADE END POST & RAILING	321	EH30 INTERIOR ELECTRICAL ONE-LINE DIAGRAM
235	HV4 PART. DECK LAYOUT & ELEV.: STA. 657+08.33 TO STA. 261+00 - O.B.	279	Q4 KAMOOALII STREAM BRIDGE: EAST & WEST RAILING ELEVATIONS	322	EH31 PIER DIAPHRAGM ELECTRICAL DETAIL
236	HV5 O.B. BRIDGE SECTIONS	280	Q5 KAMOOALII STREAM BRIDGE: END POST NO. 1 & NO. 4, ELEV. & SECTIONS	323	EH32 MISCELLANEOUS DIAGRAMS
237	HV6 I.B. BRIDGE SECTIONS	281	Q6 KAMOOALII STREAM BRIDGE: END POST NO. 2, ELEVATIONS & SECTIONS	WINDWARD VIADUCT	
238	HV7 PIER 6 I.B. DETAILS	282	Q7 KAMOOALII STREAM BRIDGE: END POST NO. 3, ELEVATIONS & SECTIONS	324	EW1 ELECTRICAL SYMBOLS AND DIAGRAMS
239	HV8 PIER SECTIONS	283	Q8 KAMOOALII STREAM BRIDGE: ALUMINUM BRIDGE RAILING DETAILS	325	EW2 PARTIAL ELECTRICAL PLANS - INBOUND
WINDWARD VIADUCT		284	Q9 KAMOOALII STREAM BRIDGE: ALUMINUM BRIDGE RAILING DETAILS	326	EW3 PARTIAL ELECTRICAL PLANS - INBOUND
240	WS1 GENERAL NOTES, BRIDGE ABBREVIATIONS, AND ESTIMATED QUANTITIES	285	Q10 KAMOOALII STREAM BRIDGE: TYPE "D" UPGRADE MEDIAN BARRIER	327	EW4 PARTIAL ELECTRICAL PLANS - INBOUND
241	WS2 ABUTMENT LOCATION PLANS - I.B. AND O.B. STRUCTURES	286	Q11 SERV. ROAD SEP. (BRIDGE NO. 3): PLAN, NORMAL, TYPICAL SECTIONS	328	EW5 PARTIAL ELECTRICAL PLANS - INBOUND
242	WS3 ELEVATIONS AND SECTIONS - I.B. AND O.B. STRUCTURES - ABUT. NO. 1	287	Q12 SERV. ROAD SEP. (BRIDGE NO. 3): TYPE "B" UPGRADE, METAL BRIDGE RAILING	329	EW6 PARTIAL ELECTRICAL PLANS - INBOUND
243	WS4 PART. DECK LAYOUT & ELEV.: ABUT. NO. 1 TO STA. 269+75.53 - I.B.	288	Q13 SERV. ROAD SEP. (BRIDGE NO. 3): TYPE "B" UPGRADE, BRIDGE END POST	330	EW7 PARTIAL ELECTRICAL PLANS - INBOUND
244	WS5 PART. DECK LAYOUT & ELEV.: STA. 269+75.53 TO STA. 275+25.53 - I.B.	289	Q14 SERV. ROAD SEP. (BRIDGE NO. 3): ABUT. 1 &2, CREEP / HINGE BLOCK REPAIR	331	EW8 PARTIAL ELECTRICAL PLANS - OUTBOUND
245	WS6 PART. DECK LAYOUT & ELEV.: STA. 275+25.53 TO STA. 280+85.53 - I.B.	290	Q15 KUOU STREAM BRIDGE: TYPE "A" UPGRADE, TYPE "E" UPGRADE	332	EW9 PARTIAL ELECTRICAL PLANS - OUTBOUND
246	WS7 PART. DECK LAYOUT & ELEV.: STA. 280+85.53 TO STA. 286+45.53 - I.B.	291	Q16 TYPICAL UPGRADE DETAILS	333	EW10 PARTIAL ELECTRICAL PLANS - OUTBOUND
247	WS8 PART. DECK LAYOUT & ELEV.: STA. 286+45.53 TO STA. 292+25.53 - I.B.	7. ELECTRICAL		334	EW11 PARTIAL ELECTRICAL PLANS - OUTBOUND
248	WS9 PART. DECK LAYOUT & ELEV.: STA. 292+25.53 TO STA. 298+05.53 - I.B.	N. HALAWA VALLEY VIADUCT		335	EW12 PARTIAL ELECTRICAL PLANS - OUTBOUND
249	WS10 PART. DECK LAYOUT & ELEV.: STA. 298+05.53 TO STA. 303+85.53 - I.B.	292	EH1 GENERAL ELECTRICAL PLAN - EXTERIOR	336	EW13 PARTIAL ELECTRICAL PLANS - OUTBOUND
250	WS11 PART. DECK LAYOUT & ELEV.: STA. 303+85.53 TO STA. 309+65.53 - I.B.	293	EH2 PARTIAL ELECTRICAL PLAN - I.B. EXTERIOR, STA. 534+22.93 TO 546+00	337	EW14 ELECTRICAL PLANS AND ELEVATIONS
251	WS12 PART. DECK LAYOUT & ELEV.: STA. 309+65.53 TO STA. 315+45.53 - I.B.	294	EH3 PARTIAL ELECTRICAL PLAN - I.B. EXTERIOR, STA. 546+00 TO 557+00	338	EW15 ELECTRICAL PLANS AND DETAILS
252	WS13 PART. DECK LAYOUT & ELEV.: STA. 315+45.53 TO STA. 321+45.53 - I.B.	295	EH4 PARTIAL ELECTRICAL PLAN - I.B. EXTERIOR, STA. 557+00 TO 568+00	339	EW16 TYPE I PIER DIAPHRAGM ELECTRICAL DETAILS
253	WS14 PART. DECK LAYOUT & ELEV.: STA. 321+45.53 TO STA. 327+25.53 - I.B.	296	EH5 PARTIAL ELECTRICAL PLAN - I.B. EXTERIOR, STA. 568+00 TO 579+00	340	EW17 TYPE II PIER DIAPHRAGM ELECTRICAL DETAILS
254	WS15 PART. DECK LAYOUT & ELEV.: STA. 327+25.53 TO STA. 331+05.75 - I.B.	297	EH6 PARTIAL ELECTRICAL PLAN - I.B. EXTERIOR, STA. 579+00 TO 590+00	341	EW18 HINGE DIAPHRAGM ELECTRICAL DETAILS
255	WS16 PART. DECK LAYOUT & ELEV.: STA. 264+25.11 TO STA. 269+65.11 - O.B.	298	EH7 PARTIAL ELECTRICAL PLAN - I.B. EXTERIOR, STA. 590+00 TO 599+00	342	EW19 SERVICE GROUND DETAIL
256	WS17 PART. DECK LAYOUT & ELEV.: STA. 269+65.11 TO STA. 275+15.11 - O.B.	299	EH8 PARTIAL ELECTRICAL PLAN - O.B. EXTERIOR STA. 534+58.24 TO 546+00	KANE OHE INTERCHANGE	
257	WS18 PART. DECK LAYOUT & ELEV.: STA. 275+15.11 TO STA. 280+95.11 - O.B.	300	EH9 PARTIAL ELECTRICAL PLAN - O.B. EXTERIOR STA. 546+00 TO 557+00	343	E1 GENERAL SITE AND SHEET LAYOUT PLAN, ELECTRICAL SYMBOL LIST
258	WS19 PART. DECK LAYOUT & ELEV.: STA. 280+95.11 TO STA. 286+75.11 - O.B.	301	EH10 PARTIAL ELECTRICAL PLAN - O.B. EXTERIOR STA. 557+00 TO 568+00	344	E2 SECTION I - EXISTING SITE ELECTRICAL PLAN
259	WS20 PART. DECK LAYOUT & ELEV.: STA. 286+75.11 TO STA. 292+65.11 - O.B.	302	EH11 PARTIAL ELECTRICAL PLAN - O.B. EXTERIOR STA. 568+00 TO 579+00	345	E3 SECTION II & III - VIADUCT BOX GIRDER LIGHTING AND ELECTRICAL PLAN
260	WS21 PART. DECK LAYOUT & ELEV.: STA. 292+65.11 TO STA. 298+45.11 - O.B.	303	EH12 PARTIAL ELECTRICAL PLAN - O.B. EXTERIOR STA. 579+00 TO 590+00	346	E4 SECTION IV & V - VIADUCT BOX GIRDER LIGHTING AND ELECTRICAL PLAN
261	WS22 PART. DECK LAYOUT & ELEV.: STA. 298+45.11 TO STA. 304+02.61 - O.B.	304	EH13 PARTIAL ELECTRICAL PLAN - O.B. EXTERIOR STA. 590+00 TO 594+50	347	E5 SECTION VI - VIADUCT BOX GIRDER LIGHTING AND ELECTRICAL PLAN
262	WS23 PART. DECK LAYOUT & ELEV.: STA. 304+02.61 TO STA. 309+47.61 - O.B.	305	EH14 ELECTRICAL ONE-LINE DIAGRAM	348	E6 ELECTRICAL DISTRIBUTION ONE LINE DIAGRAM AND ONE-LINE DIAGRAM
263	WS24 PART. DECK LAYOUT & ELEV.: STA. 309+47.61 TO STA. 315+10.11 - O.B.	306	EH15 STREET LIGHTING ONE-LINE DIAGRAM	349	E7 HANDHOLE GROUPS
264	WS25 PART. DECK LAYOUT & ELEV.: STA. 315+10.11 TO STA. 321+05.11 - O.B.	307	EH16 ELECTRICAL DETAILS - EXTERIOR		
265	WS26 PART. DECK LAYOUT & ELEV.: STA. 321+55.11 TO STA. 326+85.11 - O.B.	308	EH17 GENERAL ELECTRICAL PLAN - INTERIOR		
266	WS27 PART. DECK LAYOUT & ELEV.: STA. 326+85.11 TO STA. 330+67.18 - O.B.	309	EH18 PARTIAL ELECTRICAL PLAN - I.B. INTERIOR, STA. 534+22.93 TO 546+00		
267	WS28 ABUTMENT 1 & 2 SECTIONS	310	EH19 PARTIAL ELECTRICAL PLAN - I.B. INTERIOR, STA. 546+00 TO 557+00		
268	WS29 HINGE SEGMENT DIMENSIONS I	311	EH20 PARTIAL ELECTRICAL PLAN - I.B. INTERIOR, STA. 557+00 TO 568+00		
269	WS30 HINGE SEGMENT DIMENSIONS II	312	EH21 PARTIAL ELECTRICAL PLAN - I.B. INTERIOR, STA. 568+00 TO 579+00		
270	WS31 TYPE I RESTRAINER / HINGE SEGMENT 'A'	313	EH22 PARTIAL ELECTRICAL PLAN - I.B. INTERIOR, STA. 579+00 TO 590+00		
271	WS32 TYPE I RESTRAINER / HINGE SEGMENT 'B'	314	EH23 PARTIAL ELECTRICAL PLAN - I.B. INTERIOR, STA. 590+00 TO 599+00		
272	WS33 HINGE SEGMENT RESTRAINER & LADDER DETAILS				

SURVEY PLOTTED BY _____ DATE _____

ORIGINAL
PLAN

DESIGNED BY _____

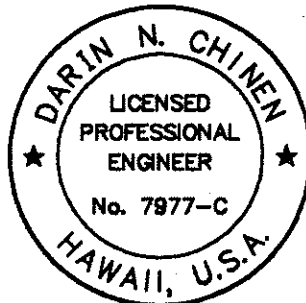
NOTED BY _____

CHECKED BY _____

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CAD by G.D. TRUONG, 95-52

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OR UNDER MY SUPERVISION.

Darin N. Chien

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

LIST OF PLANS — 3

INTERSTATE ROUTE H-3
FAIP NO. I-H3-1(75), UNIT I

SCALE: NONE DATE: JANUARY 1996

SHEET NO. G7 OF 8 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	I-H3-1(75), UNIT I	1996	8	405

SHEET
SHEET NO. TITLE

8. SYSTEMS

EMERGENCY CROSSEOVERS

350	SY1	LEGEND AND ABBREVIATION
351	SY2	EMERGENCY Crossover - KANE OHE INTERCHANGE
352	SY3	EMERGENCY Crossover - WINDWARD HIGHWAY
353	SY4	EMERGENCY Crossover - RELOCATED LIKELIKE HIGHWAY
354	SY5	EMERGENCY Crossover - RELOCATED LIKELIKE HIGHWAY
355	SY6	EMERGENCY Crossover - DETAILS
356	SY7	HAIKU APPROACH
357	SY8	HALAWA APPROACH
358	SY9	HALAWA APPROACH

9. LANDSCAPING

ADD 359	L1	HOSPITAL ROCK TUNNEL LANDSCAPE PLAN
360	L2	TIE-BACK WALLS LANDSCAPE PLAN
361	L3	HOSPITAL ROCK KNOLL LANDSCAPE PLAN
ADD 362	L4	PLANT DETAILS, LIST AND NOTES

10. FARADAY SHIELD / HAIKU APPROACH LIGHTING

363	FH1	FARADAY SHIELD SUPPORT STRUCTURES AT HAIKU APPROACH
364	FH2	FARADAY SHIELD INSTALLATION AT HAIKU PORTAL BUILDING
365	FH3	ROADWAY LIGHTING ON FARADAY SHIELD SUPPORT STRUCTURES - 1
366	FH4	ROADWAY LIGHTING ON FARADAY SHIELD SUPPORT STRUCTURES - 2
367	FH5	PARAPET-MOUNTED ROADWAY LIGHTING, HAIKU APPROACH
368	(E1)	REFERENCE PLAN: ELECTRICAL LEGEND - 1
369	(E2)	REFERENCE PLAN: ELECTRICAL LEGEND - 2
370	(E3)	REFERENCE PLAN: LIGHTING FIXTURE SCHEDULE
371	(EB1)	REFERENCE PLAN: ONE LINE DIAGRAM AND PANEL SCHEDULE
372	(EB4)	REFERENCE PLAN: POWER & LIGHTING WIRING - 2
373	(EB5)	REFERENCE PLAN: POWER & LIGHTING WIRING - 3
374	(EB7)	REFERENCE PLAN: VIADUCT POWER & LIGHTING WIRING - 1
375	(EB8)	REFERENCE PLAN: VIADUCT POWER & LIGHTING WIRING - 2
376	(EB9)	REFERENCE PLAN: VIADUCT POWER & LIGHTING WIRING - 3
377	(EB10)	REFERENCE PLAN: VIADUCT POWER & LIGHTING WIRING - 4
378	(EB11)	REFERENCE PLAN: VIADUCT POWER & LIGHTING WIRING - 5
379	(EB12)	REFERENCE PLAN: VIADUCT POWER & LIGHTING WIRING - 6
380	(EB13)	REFERENCE PLAN: VIADUCT POWER & LIGHTING WIRING - 7
381	(EB14)	REFERENCE PLAN: VIADUCT POWER & LIGHTING WIRING - 8
382	(EB15)	REFERENCE PLAN: VIADUCT POWER & LIGHTING WIRING - 9
383	(EB16)	REFERENCE PLAN: VIADUCT POWER & LIGHTING WIRING - 10
384	(EB17)	REFERENCE PLAN: VIADUCT POWER & LIGHTING WIRING - 11
385	(EB18)	REFERENCE PLAN: VIADUCT POWER & LIGHTING WIRING - 12
386	(SS1)	REFERENCE PLAN: SUPPORT STRUCTURES: GENERAL NOTES
387	(SS3)	REFERENCE PLAN: SUPPORT STRUCTURES: HAIKU APPROACH - LAYOUT PLAN 1
388	(SS4)	REFERENCE PLAN: SUPPORT STRUCTURES: HAIKU APPROACH - LAYOUT PLAN 2

SHEET
SHEET NO. TITLE

389	(SS5)	REFERENCE PLAN: SUPPORT STRUCTURES: HAIKU APPROACH - LAYOUT PLAN 3
390	(SS9)	REFERENCE PLAN: SUPPORT STRUCTURES: HAIKU APPROACH - SECTION 1
391	(SS10)	REFERENCE PLAN: SUPPORT STRUCTURES: HAIKU APPROACH - SECTION 2
392	(SS11)	REFERENCE PLAN: SUPPORT STRUCTURES: HAIKU APPROACH - SECTION 3
393	(SS12)	REFERENCE PLAN: SUPPORT STRUCTURES: HAIKU APPROACH - SECTION 4
394	(SS13)	REFERENCE PLAN: SUPPORT STRUCTURES: HAIKU APPROACH - SECTION 5
395	(SS14)	REFERENCE PLAN: SUPPORT STRUCTURES: HAIKU APPROACH - SECTION 6
ADD 395S-1	(SS15)	REFERENCE PLAN: SUPPORT STRUCTURES: SUPPORT POST SCHEDULE
396	(SS16)	REFERENCE PLAN: SUPPORT STRUCTURES: SUPPORT POST DETAILS -1
397	(SS17)	REFERENCE PLAN: SUPPORT STRUCTURES: SUPPORT POST DETAILS -2
ADD 397S-1	(SS18)	REFERENCE PLAN: SUPPORT STRUCTURES: TRUSS FRAMING DETAILS
ADD 397S-2	(SS19)	REFERENCE PLAN: SUPPORT STRUCTURES: TRUSS CONNECTION DETAILS -1
398	(SS20)	REFERENCE PLAN: SUPPORT STRUCTURES: TRUSS CONNECTION DETAILS -2
399	(SS29)	REFERENCE PLAN: SUPPORT STRUCTURES: MISCELLANEOUS DETAILS -1
400	(SS30)	REFERENCE PLAN: SUPPORT STRUCTURES: MISCELLANEOUS DETAILS -2
401	(SS31)	REFERENCE PLAN: SUPPORT STRUCTURES: MISCELLANEOUS DETAILS -3
402	(SS32)	REFERENCE PLAN: SUPPORT STRUCTURES: MISCELLANEOUS DETAILS -4
403	(SS33)	REFERENCE PLAN: SUPPORT STRUCTURES: MISCELLANEOUS DETAILS -5
404	(SS33A)	REFERENCE PLAN: SUPPORT STRUCTURES: MISCELLANEOUS DETAILS -5A
405	(SS34)	REFERENCE PLAN: SUPPORT STRUCTURES: MISCELLANEOUS DETAILS -6

ORIGINAL PLAN

SURVEY PLOTTED BY

DATE

NO.

DESIGNED BY

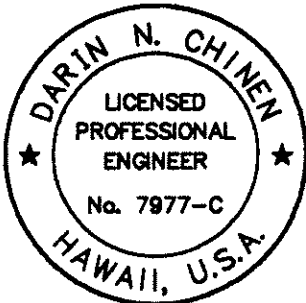
QUANTITIES BY

CHECKED BY

NOTE BOOK

CAO by Q.D. TRUONG, SS-52

Last Saved: J:\H3RF\U1\PLANSHT.dwg 02/21/96 at 11:37



THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION.

Darin N. Chien

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

LIST OF PLANS — 4

INTERSTATE ROUTE H-3
FAIP NO. I-H3-1(75), UNIT I

SCALE: NONE DATE: JANUARY 1996

SHEET NO. G8 OF 8 SHEETS

ADD.8