STANDARD PLANS SUMMARY

DATE

07/01/86

07/01/86

07/01/86

07/01/86

07/01/86

r07/16/90

r07/16/90

r03/06/87

r07/26/90

07/01/86

07/01/86

07/01/86

07/01/86

07/01/86

07/01/86

07/01/86

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07/01/86

07/01/86

07/01/86

07/01/86

07/01/86

r10/16/90

r10/16/90

07/01/86

r02/15/91

07/01/86

07/01/86

r10/16/90

r10/16/90

STANDARD PLAN NO.	TITLE	DATE
● TE-01	Miscellaneous Sign Details	07/01/86
TE-02	Galvanized Flanged Channel Sign Post Mounting	07/01/8
● TE-03	Galvanized Square Tube Sign Post Mounting	07/01/8
● TE-04	Regulatory Signs	r09/01/8
● TE-05	Warning Signs	07/01/8
● TE-06	Miscellaneous Signs	r11/03/8
TE-07	Reserved	07/01/8
● TE-08	Construction Signs	r09/01/8
● TE-09	Miscellaneous Intersection Signs	r03/06/8
TE-10	Reserved	07/01/8
• TE-11	Bike Route Sign and Supplementary Plates	07/01/8
● TE-12		
TE-13	Interstate Route Markers	07/01/8
● TE-14	State Route Marker and Border Detail for Guide Signs	07/01/8
● TE-15	Route Marker Assemblies	07/01/8
● TE-16	Miscellaneous Reflector Markers	07/01/8
● TE-17	Type II Object Markers	07/01/8
● TE-18	Mileposts	07/01/8
TE-19	Reserved	07/01/8
TE-20	Overhead Sign Supports	07/01/8
TE-21	Overhead Sign Support, Box Truss Type, Aluminum	07/01/8
TE-22	Foundation Details and Schedules	07/01/8
TE-23	Supports for Ground Mounted Guide Sign	r11/03/8
TE-24	Breakaway Sign Supports for Ground Mounted Guide Signs	07/01/8
TE-25	Laminated Aluminum Sign Panels (Overhead)	07/01/8
TE-26	Laminated Aluminum Sign Panels (Ground Mounted)	07/01/8
TE-27	Solid Aluminum Extruded Sign Panel and Accessory Details	07/01/8
TE-28	Guide Signs Luminare Mountings	07/01/8
TE-29	Reserved	07/01/8
● TE-30	Raised Pavement Markers and Striping	r05/09/9
● TE-31	Miscellaneous Pavement Markings	r05/09/9
● TE-32	Miscellaneous Pavement Markings	r05/09/9
● TE-33	Miscellaneous Pavement Markings	r11/03/8
TE-34	Reserved	07/01/8
● TE-35	Pavement Alphabets, Numbers, and Symbols	07/01/8
● TE-36	Pavement Alphabets, Numbers, and Symbols	07/01/8
TE-37	Reserved	07/01/8
● TE-38	Traffic Signal System, Miscellaneous Details	r11/03/8
● TE-39	Traffic Signal System, Miscellaneous Details	07/01/8
TE-40	Loop Detectors	r11/03/8
TE-41	Pullboxes	07/01/8
● TE-42	Type III Traffic Signal Standard	07/01/8
TE-43	Concrete Pullbox (2' x 3')	07/01/8
TE-44	Reserved	07/01/8

FED. ROAD DIST. NO.	STATE	FEDERAL — AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-A311(4)	2006	2	180

STANDARD PLAN NO.	TITLE	DATE
TE-45	Reserved	07/01/86
TE-46	Reserved	07/01/80
TE-47	Reserved	07/01/8
TE-48	Reserved	07/01/8
TE-49	Reserved	07/01/8
TE-50	Metal Guardrail	r03/06/8
TE-51	Metal Guardrail	r09/01/8
TE-52	Metal Guardrail with Rubrail	r11/03/8
TE-53	Metal Guardrail with Rubrail at Obstruction	r09/01/8
TE-54	Beam Type Guardrail With Rubrail at Obstruction (Shoulder Installation)	r11/03/8
TE-55	Metal Guardrail Connection to Concrete Barrier	r11/03/8
TE-56	Concrete Barrier Transition	07/01/8
TE-57	Guardrail Type 3, Thrie Beam	r11/03/8
TE-57A	Guardrail Type 3, Modified Thrie Beam	r11/03/8
TE-58	Approach end Flare, One & Two Way Roadway	07/01/8
TE-59	Trailing end Flare, One & Two Way Roadway	r11/03/8
TE-60	Anchor Block Details	07/01/8
TE-61	Breakaway Cable Terminal (BCT)	r11/03/8
TE-62	Breakaway Cable Terminal (BCT)	r09/01/8
TE-63	Guardrail Type 4 (Rigid Barrier)	r09/01/8
TE-64	Portable Concrete Barrier	r11/03/8
TE-65	Guardrail Type 4, Miscellaneous	r09/01/8
TE-66	Barricades	07/01/8
TE-67	Delineation and Pavement Markings at Bridges	07/01/8
TE-68	Wheelchair Ramps	r11/03/8
TE-69	Wheelchair Ramps	r11/03/8

STANDARD PLANS APPLICABLE TO THIS PROJECT ARE INDICATED BY A "" NEXT TO THE STANDARD PLAN NO. (FOR EXAMPLE: ● D-07)

02/15/91 REVISED H-19 10/16/90 REVISED H-16,H-17, H-22 & H-23 07/26/90 REVISED D-02 07/16/90 REVISED B-12,B-13 05/09/90 REVISED TE-30,TE-31 & TE-32 11/03/89 REVISED 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 09/01/87 REVISED 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

DATE

REVISION

ORD M. APA LICENSED \ PROFESSIONAL \ **ENGINEER** No. 1864-C /≯/

04/30/06

EXPIRATION DATE OF THE LICENSE

DEPARTMENT OF TRANSPORTATION HIGHWAYS DIVISION <u>STANDARD PLANS SUMMARY</u>

SHEET No.

MOKULELE HIGHWAY WIDENING

STATE OF HAWAII

Vicinity of Kealia Pond Driveway

Piilani Highway Federal - Aid Project No. NH-A311(4) Scale: NONE Date: July 2005

OF 1

STANDARD

PLAN NO.

B-01

B-02

B-04

B-05

B-06

B-09

B - 10

B - 11

B-12

B - 13

D-01

● *D*−03

● *D*−06

● *D*−*07*

● *D*-09

● D-10

● D-11

● D-13

H-01

H-02

H-03

H-04

H-05

H-07

H−11

H-14

H-16

H-18

H-19

 $H-20^{\circ}$

H-21

H-23

● H-17

TITLE

Typical Structure Excavation and Backfill Pay Limits

Notes and Miscellaneous Details

Concrete Box Girder

Concrete Box Girder

Concrete Box Girder

Prestressed Concrete Piles

Prestressed Concrete Piles

Chain Link Fence With Toprail

Wire Fence With Metal Posts

Street Survey Monument

Project Site Laboratory

Project Site Laboratory

Field Office

Field Office

Chain Link Fence Without Toprail

Typical Details of Curbs and/or Gutters

Landscaping Shrub and Tree Planting

Field Office & Project Site Laboratory

Type A1, B1, C1, and D1 Catch Basin

Type A, B, and C Storm Drain Manhole

Type A-9 and A-9P Frames and Grates

Type 61614 and 61214 Grated Drop Inlet

61214, 61614, and 61616 Steel Frames and Grates

Concrete and Cement Rubble Masonry Structures

Type D and E Storm Drain Manhole

Catch Basin and Manhole Casting

Type A-9B Frames and Grates

Type 61616 Grated Drop Inlet

61214B Steel Frame and Grates

61614B Steel Frame and Grates

Flared End Section for Culverts

C.M.P. Coupling Details Standard Joint

Inlet Structures

Outlet Structures

Concrete Spillway Inlet

18" Slotted C.M.P. Drain

Hat Shaped Coupling Band

Type F Storm Drain Manhole

Typical Reinforcing Details for Catch Basins

Tye A2, B2, C2, and D2 Catch Basin

Type A, B, C, and D Catch Basin

Centerline and Reference Survey Monument

Typical Details of Reinforced Concrete Drop Driveway

SHEETS