

STANDARD PLANS SUMMARY

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	BR-0450(8)	2011	2	93

STANDARD PLAN NO.	TITLE	DATE
B-01	Notes & Miscellaneous Details	05/31/07
B-03	Backfill Details At Earth Retaining Structures	05/31/07
B-12	Prestressed Concrete Piles & Compression Splice Can Details	05/31/07
B-12A	Prestressed Concrete Piles, Pile & Compression Splice Can Details & Notes	05/31/07
B-12B	Pile Interaction Diagram	05/31/07
B-13	Prestressed Concrete Pile Build-up Details	05/31/07

D-01 ●	Cattle Gate	05/31/07
D-02	Chain Link Fence With Toprail	05/31/07
D-03	Chain Link Fence Without Toprail	05/31/07
D-04	Wire Fence With Metal Posts	05/31/07
D-05 ●	Typical Details Of Curbs And/or Gutters	05/31/07
D-06	Typical Detail Of Reinforced Concrete Drop Driveway	05/31/07
D-07	Centerline And Reference Survey Monuments	05/31/07
D-08	Street Survey Monument	05/31/07
D-15	Concrete Sidewalk	05/31/07
D-16	P.c.c. Bus Pad	05/31/07
D-17	P.c.c. Bus Pad	05/31/07
D-18	P.c.c. Pavement Layout	05/31/07
D-19	P.c.c. Pavement W/ Permeable Base Joint Details	05/31/07
D-20	P.c.c. Pavement W/ Permeable Base Joint Details	05/31/07
D-21	P.c.c. Longitudinal Joint Details	05/31/07
D-22	P.c.c. Connection To Curbs And Gutters	05/31/07
D-23	Joints	05/31/07

L-01	Tree Planting	08/16/06
L-02	Tree Planting	08/16/06
L-03	Tree Transplanting	08/16/06
L-04	Palm Planting	08/16/06
L-05	Shrub Planting	08/16/06
L-06	Landscape Details	08/16/06
L-07	Landscape Details	08/16/06
L-08	Landscape Details	08/16/06
L-09	Landscape Details	08/16/06
L-10	Landscape Details	08/16/06
L-11	Planting Notes	08/16/06
L-12	Irrigation Details	08/16/06
L-13	Irrigation Details	08/16/06
L-14	Irrigation Details	08/16/06
L-15	Irrigation Details	08/16/06
L-16	Irrigation Details	08/16/06
L-17	Irrigation Details	08/16/06
L-18	Irrigation Details	08/16/06
L-19	Irrigation Details	08/16/06
L-20	Irrigation Details	08/16/06
L-21	Irrigation Details	08/16/06
L-22	Irrigation Details	08/16/06
L-23	Irrigation Details	08/16/06
L-24	Irrigation Notes	08/16/06

STANDARD PLAN NO.	TITLE	DATE
H-01A	Type A Catch Basin	05/31/07
H-01B	Type B Catch Basin	05/31/07
H-01C	Type C Catch Basin	05/31/07
H-01D	Type D Catch Basin	05/31/07
H-01E	Catch Basin Sections	05/31/07
H-02A	Type A1 Catch Basin	05/31/07
H-02B	Type B2 Catch Basin	05/31/07
H-02C	Type C1 Catch Basin	05/31/07
H-02D	Type D1 Catch Basin	05/31/07
H-02E	Catch Basin Section	05/31/07
H-03	Type A,B, And C Storm Drain Manhole	05/31/07
H-04	Type D Storm Drain Manhole	05/31/07
H-05 ●	Typical Reinforcing Details For Drainage Structures	05/31/07
H-06 ●	Typical Reinforcing Details For Drainage Structures	05/31/07
H-07	Catch Basin And Manhole Castings	05/31/07
H-08	Type 1A-9 And 1A-9P Grated Drop Inlet	05/31/07
H-09	Type 2A-9 And 2A-9P Grated Drop Inlet	05/31/07
H-10	Type A-9 Or A-9P Steel Frames	05/31/07
H-11	Type A-9 And A-9P Steel Grates	05/31/07
H-12 ●	Type 61614P And 1211214P Grated Drop Inlet	05/31/07
H-13	Type 61616P And 1211216P Grated Drop Inlet	05/31/07
H-14	Type 61214P Grated Drop Inlet	05/31/07
H-15	Type 1211214, 1211214P, 1211216, 1211216p Steel Frame And Grates	05/31/07
H-16 ●	Type 61614, 61614P, 61616, 61616P Steel Frame And Grates	05/31/07
H-17	Type 61214 Steel Frames And Grates	05/31/07
H-18	Type 61214P Steel Grates	05/31/07
H-19	Type 61614B Steel Frame And Grates	05/31/07
H-20	Cement Rubble Masonry Structures	05/31/07
H-21	Concrete And Cement Rubble Masonry Structures	05/31/07
H-22	Inlet/outlet Structure	05/31/07
H-23	Inlet/outlet Structure	05/31/07
H-24	Flared End Section For Culverts	05/31/07
H-25	Flared End Section For Culverts	05/31/07
H-26	Concrete Spillway Inlet	05/31/07
H-27	Cap Coupling Details Standard Joint	05/31/07
H-28	Reinforced Concrete Collar & Jacket	05/31/07
H-29	Underdrain Cleanout Steel Frame And Cover	05/31/07
H-30	Underdrain Connection To Drainage Structure	05/31/07

TE-01 ●	Sign Height And Location	07/11/08
TE-1A ●	Sign Installation	07/11/08
TE-02A ●	Galvanized Flanged Channel Sign Post Mounting	05/31/07
TE-02B ●	Galvanized Flanged Channel Sign Post Mounting	05/31/07
TE-02C ●	Galvanized Flanged Channel Sign Post Mounting	05/31/07
TE-03A ●	Galvanized Square Tube Sign Post Mounting	05/31/07
TE-03B ●	Galvanized Square Tube Sign Post Mounting	05/31/07
TE-04 ●	Regulatory Signs	07/11/08
TE-05 ●	Warning Signs	07/11/08
TE-06 ●	Miscellaneous Signs	07/11/08
TE-07 ●	Construction Signs	07/11/08
TE-08	Miscellaneous Intersection Signs	07/11/08

STANDARD PLAN NO.	TITLE	DATE
TE-09	Bike Route Sign & Supplementary Plates	07/11/08
TE-10	Interstate Route Marker	07/11/08
TE-11	State Route Marker And Auxiliary Markers	07/11/08
TE-12	State Route Marker And Border Detail For Guide Signs	07/11/08
TE-12A	Route Sign Assemblies	07/11/08
TE-13	Street Name Sign On Mast Arm	07/11/08
TE-14 ●	Miscellaneous Reflector Markers	07/11/08
TE-15 ●	Object Markers	07/11/08
TE-16	Mile Posts	07/11/08
TE-17A	Cantilever Overhead Sign Elevation & Details	05/31/07
TE-17B	Cantilever Sign Frame Detail And Section	05/31/07
TE-17C	Cantilever Sign Frame Detail	05/31/07
TE-17D	Cantilever Sign Frame Section	05/31/07
TE-17E	Cantilever Sign Frame Details	05/31/07
TE-18A	Two Post Overhead Sign Frame Elevations	05/31/07
TE-18B	Two Post Sign Framing Plan Section	05/31/07
TE-18C	Two Post Sign Framing Sections And Details	05/31/07
TE-18D	Two Post Sign Frame Details	05/31/07
TE-18E	Two Post Sign Frame Details	05/31/07
TE-19A	Overhead Sign Framing Schedule	05/31/07
TE-19B	Sign Post Drilled Shaft Foundation	05/31/07
TE-19C	Spread Footing	05/31/07
TE-19D	Sign Frame Foundation Schedule	05/31/07
TE-19D.1	Sign Frame Foundation Schedule	05/31/07
TE-19D.2	Sign Frame Foundation Schedule	05/31/07
TE-19D.3	Sign Frame Foundation Schedule	05/31/07
TE-19D.4	Sign Frame Foundation Schedule	05/31/07
TE-19D.5	Sign Frame Foundation Schedule	05/31/07
TE-19E	Anchorage Details	05/31/07
TE-19F	Anchorage Details	05/31/07
TE-19G	Miscellaneous Sign Frame Details	05/31/07
TE-19H	Luminaire Walkway Support	05/31/07
TE-19J	Fixed Message Luminaire Support	05/31/07
TE-19K	Miscellaneous Sign Details	05/31/07
TE-19L	Miscellaneous Sign Details	05/31/07
TE-19M	Miscellaneous Sign Frame Details	05/31/07
TE-20	Supports For Ground Mounted Guide Sign	05/31/07
TE-20A	Supports For Ground Mounted Guide Sign	05/31/07
TE-20B	Supports For Ground Mounted Guide Sign	05/31/07
TE-20C	Supports For Ground Mounted Guide Sign	05/31/07
TE-21A	Sign Breakaway Mounts	05/31/07
TE-21B	Sign Breakaway Mounts	05/31/07
TE-22	Laminated Aluminum Sign Panels (Overhead)	05/31/07
TE-23	Laminated Aluminum Sign Panels (Ground Mounted)	07/11/08
TE-24	Solid Aluminum Extruded Sign Panel And Accessory Details	05/31/07
TE-25	Guide Signs Luminaire Mountings	05/31/07
TE-26 ●	Raised Pavement Markers And Striping	07/11/08
TE-27 ●	Raised Pavement Markers And Striping	07/11/08
TE-28	Entrance And Exit Pavement Markings	07/11/08
TE-28A	Miscellaneous Pavement Markings	07/11/08
TE-29	Pavement Arrows and Symbols	07/11/08
TE-30	Pavement Alphabets, Numbers & Symbols	07/11/08
TE-31	Pavement Alphabets, Numbers & Symbols	07/11/08

STANDARD PLAN NO.	TITLE	DATE
TE-32	Type I & II Traffic Signal System Misc. Details	05/31/07
TE-33	Type II Traffic Signal System	08/16/06
TE-33A.1	Type II Traffic Signal Standard	05/31/07
TE-33A.2	Type II Traffic Signal Standard	05/31/07
TE-34	Loop Detector Details	07/11/08
TE-35	Loop Detectors & Duct Details	07/11/08
TE-36	Traffic Signal Details	07/11/08
TE-37	Pullbox & Cover Details	07/11/08
TE-37A	Type "A" Traffic Pullbox	05/31/07
TE-37B	Type "A" Traffic Pullbox Reinforcing	05/31/07
TE-37C	Type "B" Traffic Pullbox	05/31/07
TE-37D	Type "B" Traffic Pullbox Reinforcing	05/31/07
TE-37E	Type "B" Traffic Pullbox Foundation	05/31/07
TE-37F	Type "C" Traffic Pullbox	05/31/07
TE-37G	Type "C" Traffic Pullbox Reinforcing	05/31/07
TE-37H	Type "C" Traffic Pullbox Foundation	05/31/07
TE-37J	Traffic Pullbox Cover And Details	05/31/07
TE-38	Type III Traffic Signal Standard	05/31/07
TE-38A.1	Type III Traffic Signal Standard	05/31/07
TE-38A.2	Type III Traffic Signal Standard	05/31/07
TE-39 ●	Metal Guardrail Connection To Concrete Barrier	07/11/08
TE-40	Concrete Barrier Transition	05/31/07
TE-40A	Concrete Barrier Transition Sections	05/31/07
TE-41	Guardrail Type 4 (Rigid Barrier)	05/31/07
TE-42 ●	Portable Concrete Barrier	05/31/07
TE-43 ●	Portable Concrete Barrier	05/31/07
TE-44	Guardrail Type 4 Miscellaneous Details	07/11/08
TE-45 ●	Barricades	07/11/08
TE-46 ●	Delineation & Pavement Markings At Narrow Bridges	07/11/08
TE-47	Highway Light Standard	05/31/07

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

DEANNA M. R. HAWAII

LICENSED PROFESSIONAL ENGINEER

NO. 11707-C

HAWAII, U.S.A.

THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION

4/30/12

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

STANDARD PLANS SUMMARY

KAMEHAMEHA V HIGHWAY
Kawela Bridge Replacement
Federal Aid Project No. BR-0450(8)

Scale: AS NOTED Date: Oct. 2010

SHEET No. *CL01* OF 93 SHEETS