

w:_CIVIL_3D_PROJECTS\2012_153,000_KEAAU-PAHOA_PD_MPR_RTE130\GROUNDABOUT DESIGN\01_CIVIL DRAWINGS\01_AINALOA\02 STD PLANS SUMMARY.DWG 7/19/2019 4:51 PM KSAW

STANDARD PLANS SUMMARY

FED. ROAD DIST. NO.	STATE	FED-AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	STP-0130(27)	2020	2	50

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 and Compression	
	Splice Can Details	05/31/07
B-12A	Prestressed Concrete Piles, Pile and Compression	
	Splice Can Details and 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 Curb 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 B1 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 Sections	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

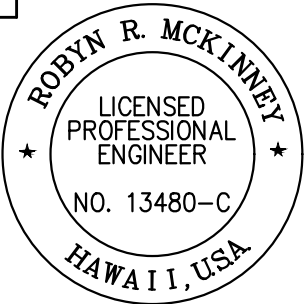
TE-01 ●	Sign Height and Location	07/11/08
TE-01A ●	Sign Installation	07/11/08
TE-02A ●	Galvanized Flanged Channel Sign Post Mounting	05/31/07
TE-02B ●	Galvanized Flanged Channel Sign Post Mounting	05/31/07
TE-02C ●	Galvanized Flanged Channel Sign Post Mounting	05/31/07
TE-03A ●	Galvanized Square Tube 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

STANDARD PLAN NO.	TITLE	DATE
TE-08	Miscellaneous Intersection Signs	07/11/08
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 Sections	05/31/07
TE-17C	Cantilever Sign Frame Detail	05/31/07
TE-17D	Cantilever Sign Frame Sections	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

STANDARD PLAN NO.	TITLE	DATE
TE-24	Solid Aluminum Extruded Sign Panel and	
	Accessory Details	05/31/07
TE-25	Guide Signs Luminaire Mountings	07/11/08
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
TE-32	Type I & II Traffic Signal System Miscellaneous	
	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 ●)



THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION AND CONSTRUCTION OF THIS PROJECT WILL BE UNDER MY OBSERVATION.

SIGNATURE *Rodin R. McKinney*

04/30/20
EXPIRATION DATE OF THE LICENSE

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

STANDARD PLANS SUMMARY

KEAAU-PAHOA ROAD
INTERSECTION IMPROVEMENTS
at Ainaloa Boulevard
Federal-Aid Project No. STP-0130(27)

Scale: N/A
Date: July, 2019

SHEET No. 1 OF 1 SHEETS