

DATE

SURVEY PLOTTED BY

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ORIGINAL PLAN

NOTE BOOK

No.

STANDARD PLANS SUMMARY											FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
											HAWAII	HAW.	STP-0130(33)	2016	2	99
STANDARD PLAN NO.	TITLE		DATE	STANDARD PLAN NO.	TITLE		DATE	STANDARD PLAN NO.	TITLE		DATE	STANDARD PLAN NO.	TITLE		DATE	
B-01	●	Notes and Miscellaneous Details	05/31/07	H-01A	Type A Catch Basin		05/31/07	TE-09	Bike Route Sign and Supplementary Plates		07/11/08	TE-31	●	Pavement Alphabets, Numbers and Symbols	07/11/08	
B-03		Backfill Details at Earth Retaining Structures	05/31/07	H-01B	Type B Catch Basin		05/31/07	TE-10	Interstate Route Marker		07/11/08	TE-32	●	Type I and II Traffic Signal System Misc. Details	05/31/07	
B-12		Prestressed Concrete Piles and Compression Splice Can Details	05/31/07	H-01C	Type C Catch Basin		05/31/07	TE-11	State Route Marker and Auxiliary Markers		07/11/08	TE-33	●	Type II Traffic Signal System	08/16/06	
				H-01D	Type D Catch Basin		05/31/07	TE-12	State Route Marker and Border Detail for Guide Signs		07/11/08	TE-33AJ	●	Type II Traffic Signal Standard	05/31/07	
B-12A		Prestressed Concrete Piles, Pile and Compression Splice Can Details and Notes	05/31/07	H-01E	Catch Basin Sections		05/31/07	TE-12A	Route Sign Assemblies		07/11/08	TE-33A2	●	Type II Traffic Signal Standard	05/31/07	
				H-02A	Type A1 Catch Basin		05/31/07	TE-13	●	Street Name Sign on Mast Arm	07/11/08	TE-34	●	Loop Detector Details	07/11/08	
B-12B		Pile Interaction Diagram	05/31/07	H-02B	Type B2 Catch Basin		05/31/07	TE-14	●	Miscellaneous Reflector Markers	07/11/08	TE-35	●	Loop Detectors and Duct Details	07/11/08	
B-13		Prestressed Concrete Pile Build-up Details	05/31/07	H-02C	Type C1 Catch Basin		05/31/07	TE-15	●	Object Markers	07/11/08	TE-36	●	Traffic Signal Details	07/11/08	
				H-02D	Type D1 Catch Basin		05/31/07	TE-16	●	Mile Posts	07/11/08	TE-37	●	Pullbox and Cover Details	07/11/08	
				H-02E	Catch Basin Section		05/31/07	TE-17A	Cantilever Overhead Sign Elevation and Details		05/31/07	TE-37A	●	Type "A" Traffic Pullbox	05/31/07	
D-01		Cattle Gate	05/31/07	H-03	Type A, B, and C Storm Drain Manhole		05/31/07	TE-17B	Cantilever Sign Frame Detail and Section		05/31/07	TE-37B	●	Type "A" Traffic Pullbox Reinforcing	05/31/07	
D-02	●	Chain Link Fence with Toprail	05/31/07	H-04	Type D Storm Drain Manhole		05/31/07	TE-17C	Cantilever Sign Frame Detail		05/31/07	TE-37C	●	Type "B" Traffic Pullbox	05/31/07	
D-03		Chain Link Fence without Toprail	05/31/07	H-05	Typical Reinforcing Details for Drainage Structures		05/31/07	TE-17D	Cantilever Sign Frame Section		05/31/07	TE-37D	●	Type "B" Traffic Pullbox Reinforcing	05/31/07	
D-04		Wire Fence with Metal Posts	05/31/07	H-06	Typical Reinforcing Details for Drainage Structures		05/31/07	TE-17E	Cantilever Sign Frame Detail		05/31/07	TE-37E	●	Type "B" Traffic Pullbox Foundation	05/31/07	
D-05		Typical Details of Curbs and/or Gutters	05/31/07	H-07	Catch Basin and Manhole Castings		05/31/07	TE-18A	Two Post Overhead Sign Frame Elevations		05/31/07	TE-37F	●	Type "C" Traffic Pullbox	05/31/07	
D-06		Typical Detail of Reinforced Concrete Drop Driveway	05/31/07	H-08	Type 1A-9 and 1A-9P Grated Drop Inlet		05/31/07	TE-18B	Two Post Sign Framing Plan Section		05/31/07	TE-37G	●	Type "C" Traffic Pullbox Reinforcing	05/31/07	
D-07	●	Centerline and Reference Survey Monuments	05/31/07	H-09	Type 2A-9 and 2A-9P Grated Drop Inlet		05/31/07	TE-18C	Two Post Sign Framing Sections and Details		05/31/07	TE-37H	●	Type "C" Traffic Pullbox Foundation	05/31/07	
D-08	●	Street Survey Monument	05/31/07	H-10	Type A-9 or A-9P Steel Frames		05/31/07	TE-18D	Two Post Sign Frame Details		05/31/07	TE-37J	●	Traffic Pullbox Cover and Details	05/31/07	
D-15		Concrete Sidewalk	05/31/07	H-11	Type A-9 and A-9P Steel Grates		05/31/07	TE-18E	Two Post Sign Frame Details		05/31/07	TE-38		Type III Traffic Signal Standard	05/31/07	
D-16		P.C.C. Bus Pad	05/31/07	H-12	Type 61614P and 1211214P Grated Drop Inlet		05/31/07	TE-19A	Overhead Sign Framing Schedule		05/31/07	TE-38AJ		Type III Traffic Signal Standard	05/31/07	
D-17		P.C.C. Bus Pad	05/31/07	H-13	Type 61616P and 1211216P Grated Drop Inlet		05/31/07	TE-19B	Sign Post Drilled Shaft Foundation		05/31/07	TE-38A2		Type III Traffic Signal Standard	05/31/07	
D-18		P.C.C. Pavement Layout	05/31/07	H-14	Type 61214P Grated Drop Inlet		05/31/07	TE-19C	Spread Footing		05/31/07	TE-39		Metal Guardrail Connection to Concrete Barrier	07/11/08	
D-19		P.C.C. Pavement with Permeable Base Joint Details	05/31/07	H-15	Type 1211214, 1211214P, 1211216, 1211216P Steel Frame and Grates		05/31/07	TE-19D	Sign Frame Foundation Schedule		05/31/07	TE-40		Concrete Barrier Transition	05/31/07	
D-20		P.C.C. Pavement with Permeable Base Joint Details	05/31/07	H-16	Type 61614, 61614P, 61616, 61616P Steel Frame and Grates		05/31/07	TE-19D.1	Sign Frame Foundation Schedule		05/31/07	TE-40A		Concrete Barrier Transition	05/31/07	
D-21		P.C.C. Longitudinal Joint Details	05/31/07					TE-19D.2	Sign Frame Foundation Schedule		05/31/07	TE-41	Sections Guardrail Type 4 (Rigid Barrier)		05/31/07	
D-22		P.C.C. Connection to Curbs and Gutters	05/31/07					TE-19D.3	Sign Frame Foundation Schedule		05/31/07	TE-42	●	Portable Concrete Barrier	05/31/07	
D-23		Joints	05/31/07	H-17	Type 61214 Steel Frames and Grates		05/31/07	TE-19D.4	Sign Frame Foundation Schedule		05/31/07	TE-43	●	Portable Concrete Barrier	05/31/07	
								TE-19D.5	Sign Frame Foundation Schedule		05/31/07	TE-44		Guardrail Type 4 Miscellaneous Details	07/11/08	
L-01		Tree Planting	08/16/06	H-18	Type 61214p Steel Grates		05/31/07	TE-19E	Anchorage Details		05/31/07	TE-45	●	Barricades	07/11/08	
L-02		Tree Planting	08/16/06	H-19	Type 61614b Steel Frame and Grates		05/31/07	TE-19F	Anchorage Details		05/31/07	TE-46		Delineation and Pavement Markings at Narrow Bridges	07/11/08	
L-03		Tree Transplanting	08/16/06	H-20	Cement Rubble Masonry Structures		05/31/07	TE-19G	Miscellaneous Sign Frame Details		05/31/07	TE-47	●	Highway Light Standard	05/31/07	
L-04		Palm Planting	08/16/06	H-21	Concrete and Cement Rubble Masonry Structures		05/31/07	TE-19H	Luminaire Walkway Support		05/31/07					
L-05		Shrub Planting	08/16/06	H-22	Inlet/Outlet Structure		05/31/07	TE-19I	Fixed Message Luminaire Support		05/31/07					
L-06		Landscape Details	08/16/06	H-23	Inlet/Outlet Structure		05/31/07	TE-19J	Miscellaneous Sign Details		05/31/07					
L-07		Landscape Details	08/16/06	H-24	Flared End Section for Culverts		05/31/07	TE-19K	Miscellaneous Sign Details		05/31/07					
L-08		Landscape Details	08/16/06	H-25	Flared End Section for Culverts		05/31/07	TE-19L	Miscellaneous Sign Details		05/31/07					
L-09	●	Landscape Details	08/16/06	H-26	Concrete Spillway Inlet		05/31/07	TE-19M	Miscellaneous Sign Frame Details		05/31/07					
L-10		Landscape Details	08/16/06	H-27	Cap Coupling Details Standard Joint		05/31/07	TE-20	Supports for Ground Mounted Guide Sign		05/31/07					
L-11		Planting Notes	08/16/06	H-28	Reinforced Concrete Collar & Jacket		05/31/07	TE-20A	Supports for Ground Mounted Guide Sign		05/31/07					
L-12		Irrigation Details	08/16/06	H-29	Underdrain Cleanout Steel Frame and Cover		05/31/07	TE-20B	Supports for Ground Mounted Guide Sign		05/31/07					
L-13		Irrigation Details	08/16/06	H-30	Underdrain Connection to Drainage Structure		05/31/07	TE-20C	Supports for Ground Mounted Guide Sign		05/31/07					
L-14		Irrigation Details	08/16/06					TE-21A	Sign Breakaway Mounts		05/31/07					
L-15		Irrigation Details	08/16/06	TE-01	●	Sign Height and Location	07/11/08	TE-21B	Sign Breakaway Mounts		05/31/07					
L-16		Irrigation Details	08/16/06	TE-1A	●	Sign Installation	07/11/08	TE-22	Laminated Aluminum Sign Panels (Overhead)		05/31/07					
L-17		Irrigation Details	08/16/06	TE-02A	●	Galvanized Flanged Channel Sign Post Mounting	05/31/07	TE-23	Laminated Aluminum Sign Panels (Ground Mounted)		07/11/08					
L-18		Irrigation Details	08/16/06	TE-02B	●	Galvanized Flanged Channel Sign Post Mounting	05/31/07	TE-24	Solid Aluminum Extruded Sign Panel and Accessory Details		05/31/07					
L-19		Irrigation Details	08/16/06	TE-02C	●	Galvanized Flanged Channel Sign Post Mounting	05/31/07									
L-20		Irrigation Details	08/16/06	TE-03A	●	Galvanized Square Tube Sign Post Mounting	05/31/07	TE-25	Guide Signs Luminaire Mountings		05/31/07					
L-21		Irrigation Details	08/16/06	TE-03B	●	Galvanized Square Tube Sign Post Mounting	05/31/07	TE-26	●	Raised Pavement Markers and Striping	07/11/08					
L-22		Irrigation Details	08/16/06	TE-04	●	Regulatory Signs	07/11/08	TE-27	●	Raised Pavement Markers and Striping	07/11/08					
L-23		Irrigation Details	08/16/06	TE-05	●	Warning Signs	07/11/08	TE-28	●	Entrance and Exit Pavement Markings	07/11/08					
L-24		Irrigation Notes	08/16/06	TE-06	●	Miscellaneous Signs	07/11/08	TE-28A	Entrance and Exit Pavement Markings		07/11/08					
				TE-07	●	Construction Signs	07/11/08	TE-28A	●	Miscellaneous Pavement Markings	07/11/08					
				TE-08	Miscellaneous Intersection Signs		07/11/08	TE-29	●	Pavement Arrows and Symbols	07/11/08					
								TE-30	●	Pavement Alphabets, Numbers and Symbols	07/11/08					

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

LEGEND FOR
AS-BUILT POSTINGS

 Squiggly line for as-built deletion

 Double line for as-built deletion

 Text for as-built posting

BRIAN A. LOCK
LICENSED PROFESSIONAL ENGINEER
No. 9887-C
HAWAII, U.S.A.

THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION.

APRIL 30, 2018
WILSON OKAMOTO CORPORATION LIC. EXP. DATE

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

STANDARD PLANS SUMMARY

KEAAU-PAHOA ROAD, SHOULDER
LANE CONVERSION, PHASE 2
Shower Drive Intersection Improvements
Fed. Aid Proj. No. STP-0130(33)
Scale: _____ Date: March 2016

SHEET No. SPS-10F 1 SHEETS