

STANDARD PLANS SUMMARY

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	31A-02-17	2018	02	29

STANDARD PLAN NO.	TITLE	DATE
B-01	Notes and 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 Curbs and Gutters	05/31/07
D-23	Joints	05/31/07

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	05/31/07
	Steel Frame and Grates	
H-16	Type 61614, 61614P, 61616, 61616P	05/31/07
	Steel Frame and Grates	
H-17	Type 61214 Steel Frame and Grates	05/31/07
H-18	Type 61214P Steel Grates	05/31/07

STANDARD PLAN NO.	TITLE	DATE
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 (18" TO 24")	05/31/07
H-23	Inlet/Outlet Structure (48" TO 180")	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 and 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

L-01	Tree Planting	05/31/07
L-02	Tree Planting	05/31/07
L-03	Tree Transplanting	05/31/07
L-04	Palm Planting	05/31/07
L-05	Shrub Planting	05/31/07
L-06	Landscape Details	05/31/07
L-07	Landscape Details	05/31/07
L-08	Landscape Details	05/31/07
L-09	Landscape Details	05/31/07
L-10	Landscape Details	05/31/07
L-11	Planting Notes	05/31/07
L-12	Irrigation Details	05/31/07
L-13	Irrigation Details	05/31/07
L-14	Irrigation Details	05/31/07
L-15	Irrigation Details	05/31/07
L-16	Irrigation Details	05/31/07
L-17	Irrigation Details	05/31/07
L-18	Irrigation Details	05/31/07
L-19	Irrigation Details	05/31/07
L-20	Irrigation Details	05/31/07
L-21	Irrigation Details	05/31/07
L-22	Irrigation Details	05/31/07
L-23	Irrigation Details	05/31/07
L-24	Irrigation Notes	05/31/07

TE-01	Sign Height and Location	05/31/07
TE-1A	Sign Installation	05/31/07
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	05/31/07
TE-05	Warning Signs	05/31/07
TE-06	Miscellaneous Signs	05/31/07
TE-07	Construction Signs	05/31/07
TE-08	Miscellaneous Intersection Signs	05/31/07
TE-09	Bike Route Sign and Supplementary Plates	05/31/07
TE-10	Interstate Route Marker	05/31/07
TE-11	State Route Marker and Auxiliary Markers	05/31/07
TE-12	State Route Marker and Border Detail for Guide Signs	05/31/07
TE-12A	Route Sign Assemblies	05/31/07

STANDARD PLAN NO.	TITLE	DATE
TE-13	Street name Sign on Mast Arm	05/31/07
TE-14	Miscellaneous Reflector Markers	05/31/07
TE-15	Object Markers	05/31/07
TE-16	Mile Posts	05/31/07
TE-17A	Cantilever Overhead Sign Elevation and 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)	05/31/07
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	05/31/07
TE-27	Raised Pavement Markers and Striping	05/31/07
TE-28	Entrance and Exit Pavement Markings	05/31/07
TE-28A	Miscellaneous Pavement Markings	05/31/07
TE-29	Pavement Arrows and Symbols	05/31/07
TE-30	Pavement Alphabets, Numbers and Symbols	05/31/07
TE-31	Pavement Alphabets, Numbers and Symbols	05/31/07
TE-32	Type I and II Traffic Signal System	05/31/07
	Miscellaneous Details	

STANDARD PLAN NO.	TITLE	DATE
TE-33	Type II Traffic Signal System	05/31/07
TE-33A1	Type II Traffic Signal Standard	05/31/07
TE-33A.2	Type II Traffic Signal Standard	05/31/07
TE-34	Loop Detector Details	05/31/07
TE-35	Loop Detectors and Duct Details	05/31/07
TE-36	Traffic Signal Details	05/31/07
TE-37	Pullbox and Cover Details	05/31/07
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-38A1	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	05/31/07
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	05/31/07
TE-45	Barricades	05/31/07
TE-46	Delineation and Pavement Markings at Narrow Bridges	05/31/07
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●)

ORIGINAL PLAN

DATE

SURVEY PLOTTED BY

DATE

DESIGNED BY

DATE

NOTED BY

DATE

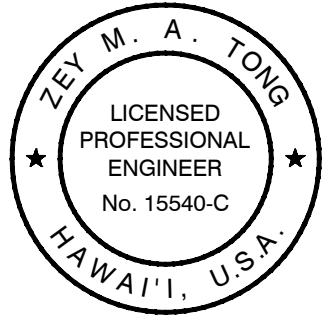
QUANTITIES BY

DATE

CHECKED BY

DATE

No.



THIS WORK WAS PREPARED BY ME, OR UNDER MY SUPERVISION.  
*Alex Tong*  
APRIL 30, 2020  
LIC. EXP. DATE

STATE OF HAWAII  
DEPARTMENT OF TRANSPORTATION  
HIGHWAYS DIVISION

STANDARD PLANS SUMMARY

Piilani Highway Improvements  
Vicinity of Kulanihokoi Street  
Project No. 31A-02-17

Scale: As Shown  
Date: Mar 2018

SHEET No. C-1 OF 24 SHEETS