STANDARD PLANS SUMMARY

				SEMILS	
FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	HWY-K-01-03	2008	2	37

B-03 B-04	Typical Structure Everyntian and Dealett Dealett	
R_04	Typical Structure Excavation and Backfill Pay Limits	07/01/80
DUT		
B-05		
B-06	Concrete Box Girder	07/01/86
B-07	Concrete Box Girder	07/01/86
B-08	Concrete Box Girder	07/01/86
B-09		
B-10		
B-11		
B-12	Prestressed Concrete Piles	r07/16/90
B-13	Prestressed Concrete Piles	r07/16/90
		1077 107 30
D-01	Chain Link Fence With Toprail	r03/06/87
D-02	Chain Link Fence Without Toprail	r07/26/90
D-03	Wire Fence With Metal Posts	07/01/86
D-04	Typical Details of Curbs and/or Gutters	07/01/86
D-05	Typical Details of Reinforced Concrete Drop Driveway	07/01/86
D-06	Centerline and Reference Survey Monument	07/01/86
D-07	Street Survey Monument	07/01/86
D-08	Landscaping Shrub and Tree Planting	07/01/86
D-09	Field Office	07/01/86
D-10	Field Office	07/01/86
D-11	Project Site Laboratory	07/01/86
D-12	Project Site Laboratory	07/01/86
D-13	Field Office & Project Site Laboratory	07/01/86
H-01	Type A, B, C and D Catch Basin	07/01/86
H-02	Type A1, B1, C1 and D1 Catch Basin	****
	Type A1, B1, C1 and D1 Catch Basin Type A2, B2, C2 and D2 Catch Basin	07/01/86
H-02 H-03	Type A1, B1, C1 and D1 Catch Basin	07/01/86 07/01/86
H-02 H-03 H-04	Type A1, B1, C1 and D1 Catch Basin Type A2, B2, C2 and D2 Catch Basin	07/01/86 07/01/86 07/01/86
H-02 H-03 H-04 H-05	Type A1, B1, C1 and D1 Catch Basin Type A2, B2, C2 and D2 Catch Basin Typical Reinforcing Details for Catch Basins Type A, B and C Storm Drain Manhole Type D and E Storm Drain Manhole	07/01/86 07/01/86 07/01/86 07/01/86
H-02 H-03 H-04 H-05 H-06	Type A1, B1, C1 and D1 Catch Basin Type A2, B2, C2 and D2 Catch Basin Typical Reinforcing Details for Catch Basins Type A, B and C Storm Drain Manhole Type D and E Storm Drain Manhole Type F Storm Drain Manhole	07/01/86 07/01/86 07/01/86 07/01/86
H-02 H-03 H-04 H-05 H-06 H-07	Type A1, B1, C1 and D1 Catch Basin Type A2, B2, C2 and D2 Catch Basin Typical Reinforcing Details for Catch Basins Type A, B and C Storm Drain Manhole Type D and E Storm Drain Manhole	07/01/86 07/01/86 07/01/86 07/01/86 07/01/86
H-02 H-03 H-04 H-05 H-06 H-07 H-08	Type A1, B1, C1 and D1 Catch Basin Type A2, B2, C2 and D2 Catch Basin Typical Reinforcing Details for Catch Basins Type A, B and C Storm Drain Manhole Type D and E Storm Drain Manhole Type F Storm Drain Manhole	07/01/86 07/01/86 07/01/86 07/01/86 07/01/86 07/01/86
H-02 H-03 H-04 H-05 H-06 H-07 H-08 H-09	Type A1, B1, C1 and D1 Catch Basin Type A2, B2, C2 and D2 Catch Basin Typical Reinforcing Details for Catch Basins Type A, B and C Storm Drain Manhole Type D and E Storm Drain Manhole Type F Storm Drain Manhole Catch Basin and Manhole Casting	07/01/86 07/01/86 07/01/86 07/01/86 07/01/86 07/01/86 07/01/86 07/01/86
H-02 H-03 H-04 H-05 H-06 H-07 H-08 H-09	Type A1, B1, C1 and D1 Catch Basin Type A2, B2, C2 and D2 Catch Basin Typical Reinforcing Details for Catch Basins Type A, B and C Storm Drain Manhole Type D and E Storm Drain Manhole Type F Storm Drain Manhole Catch Basin and Manhole Casting Type A-9 and A-9P Frames and Grates	07/01/86 07/01/86 07/01/86 07/01/86 07/01/86 07/01/86 07/01/86
H-02 H-03 H-04 H-05 H-06 H-07 H-08 H-09 H-10	Type A1, B1, C1 and D1 Catch Basin Type A2, B2, C2 and D2 Catch Basin Typical Reinforcing Details for Catch Basins Type A, B and C Storm Drain Manhole Type D and E Storm Drain Manhole Type F Storm Drain Manhole Catch Basin and Manhole Casting Type A-9 and A-9P Frames and Grates Type A-9B Frames and Grates	07/01/86 07/01/86 07/01/86 07/01/86 07/01/86 07/01/86 07/01/86 07/01/86 07/01/86
H-02 H-03 H-04 H-05 H-06 H-07 H-08 H-09 H-10 H-11	Type A1, B1, C1 and D1 Catch Basin Type A2, B2, C2 and D2 Catch Basin Typical Reinforcing Details for Catch Basins Type A, B and C Storm Drain Manhole Type D and E Storm Drain Manhole Type F Storm Drain Manhole Catch Basin and Manhole Casting Type A-9 and A-9P Frames and Grates Type A-9B Frames and Grates Type 61614 and 61214 Grated Drop Inlet	07/01/86 07/01/86 07/01/86 07/01/86 07/01/86 07/01/86 07/01/86 07/01/86 07/01/86
H-02 H-03 H-04 H-05 H-06 H-07 H-08 H-10 H-11 H-11	Type A1, B1, C1 and D1 Catch Basin Type A2, B2, C2 and D2 Catch Basin Typical Reinforcing Details for Catch Basins Type A, B and C Storm Drain Manhole Type D and E Storm Drain Manhole Type F Storm Drain Manhole Catch Basin and Manhole Casting Type A-9 and A-9P Frames and Grates Type A-9B Frames and Grates Type 61614 and 61214 Grated Drop Inlet Type 61616 Grated Drop Inlet	07/01/86 07/01/86 07/01/86 07/01/86 07/01/86 07/01/86 07/01/86 07/01/86 07/01/86 07/01/86
H-02 H-03 H-04 H-05 H-06 H-07 H-08 H-10 H-11 H-12 H-13 H-14	Type A1, B1, C1 and D1 Catch Basin Type A2, B2, C2 and D2 Catch Basin Typical Reinforcing Details for Catch Basins Type A, B and C Storm Drain Manhole Type D and E Storm Drain Manhole Type F Storm Drain Manhole Catch Basin and Manhole Casting Type A-9 and A-9P Frames and Grates Type A-9B Frames and Grates Type 61614 and 61214 Grated Drop Inlet Type 61616 Grated Drop Inlet 61214, 61614 & 61616 Steel Frames and Grates	07/01/86 07/01/86 07/01/86 07/01/86 07/01/86 07/01/86 07/01/86 07/01/86 07/01/86 07/01/86 07/01/86
H-02 H-03 H-04 H-05 H-06 H-07 H-08 H-10 H-11 H-12 H-13 H-14 H-15	Type A1, B1, C1 and D1 Catch Basin Type A2, B2, C2 and D2 Catch Basins Typical Reinforcing Details for Catch Basins Type A, B and C Storm Drain Manhole Type D and E Storm Drain Manhole Type F Storm Drain Manhole Catch Basin and Manhole Casting Type A-9 and A-9P Frames and Grates Type A-9B Frames and Grates Type 61614 and 61214 Grated Drop Inlet Type 61616 Grated Drop Inlet 61214, 61614 & 61616 Steel Frames and Grates 61214B Steel Frame and Grates	07/01/86 07/01/86 07/01/86 07/01/86 07/01/86 07/01/86 07/01/86 07/01/86 07/01/86 07/01/86 07/01/86 07/01/86
H-02 H-03 H-04 H-05 H-06 H-07 H-08 H-09 H-10 H-11 H-12 H-13 H-14 H-15 H-16	Type A1, B1, C1 and D1 Catch Basin Type A2, B2, C2 and D2 Catch Basins Typical Reinforcing Details for Catch Basins Type A, B and C Storm Drain Manhole Type D and E Storm Drain Manhole Type F Storm Drain Manhole Catch Basin and Manhole Casting Type A-9 and A-9P Frames and Grates Type A-9B Frames and Grates Type 61614 and 61214 Grated Drop Inlet Type 61616 Grated Drop Inlet 61214, 61614 & 61616 Steel Frames and Grates 61214B Steel Frame and Grates	07/01/86 07/01/86 07/01/86 07/01/86 07/01/86 07/01/86 07/01/86 07/01/86 07/01/86 07/01/86 07/01/86 07/01/86 07/01/86 07/01/86
H-02 H-03 H-04 H-05 H-06 H-07 H-08 H-10 H-11 H-12 H-13 H-14 H-15 H-16 H-17	Type A1, B1, C1 and D1 Catch Basin Type A2, B2, C2 and D2 Catch Basins Typical Reinforcing Details for Catch Basins Type A, B and C Storm Drain Manhole Type D and E Storm Drain Manhole Type F Storm Drain Manhole Catch Basin and Manhole Casting Type A-9 and A-9P Frames and Grates Type A-9B Frames and Grates Type 61614 and 61214 Grated Drop Inlet Type 61616 Grated Drop Inlet 61214, 61614 & 61616 Steel Frames and Grates 61214B Steel Frame and Grates Concrete and Cement Rubble Masonry Structures	07/01/86 07/01/86 07/01/86 07/01/86 07/01/86 07/01/86 07/01/86 07/01/86 07/01/86 07/01/86 07/01/86 07/01/86 07/01/86 07/01/86 07/01/86 07/01/86 07/01/86
H-02 H-03 H-04 H-05 H-06 H-07 H-08 H-09 H-10 H-11 H-12 H-13 H-14 H-15 H-15 H-16 H-17	Type A1, B1, C1 and D1 Catch Basin Type A2, B2, C2 and D2 Catch Basin Typical Reinforcing Details for Catch Basins Type A, B and C Storm Drain Manhole Type D and E Storm Drain Manhole Type F Storm Drain Manhole Catch Basin and Manhole Casting Type A-9 and A-9P Frames and Grates Type A-9B Frames and Grates Type 61614 and 61214 Grated Drop Inlet Type 61616 Grated Drop Inlet 61214, 61614 & 61616 Steel Frames and Grates 61614B Steel Frame and Grates Concrete and Cement Rubble Masonry Structures Inlet Structures	07/01/86 07/01/86 07/01/86 07/01/86 07/01/86 07/01/86 07/01/86 07/01/86 07/01/86 07/01/86 07/01/86 07/01/86 07/01/86 07/01/86 07/01/86 07/01/86 07/01/86
H-02 H-03 H-04 H-05 H-06 H-07 H-08	Type A1, B1, C1 and D1 Catch Basin Type A2, B2, C2 and D2 Catch Basin Typical Reinforcing Details for Catch Basins Type A, B and C Storm Drain Manhole Type D and E Storm Drain Manhole Type F Storm Drain Manhole Catch Basin and Manhole Casting Type A-9 and A-9P Frames and Grates Type A-9B Frames and Grates Type 61614 and 61214 Grated Drop Inlet Type 61616 Grated Drop Inlet 61214, 61614 & 61616 Steel Frames and Grates 61214B Steel Frame and Grates Concrete and Cement Rubble Masonry Structures Inlet Structures Flared End Section for Culverts Outlet Structures	07/01/86 07/01/86 07/01/86 07/01/86 07/01/86 07/01/86 07/01/86 07/01/86 07/01/86 07/01/86 07/01/86 07/01/86 07/01/86 07/01/86 07/01/86 07/01/86 07/01/86 07/01/86 07/01/86
H-02 H-03 H-04 H-05 H-06 H-07 H-08 H-09 H-10 H-11 H-12 H-13 H-14 H-15 H-15 H-16 H-17 H-18 H-19 H-20	Type A1, B1, C1 and D1 Catch Basin Type A2, B2, C2 and D2 Catch Basin Typical Reinforcing Details for Catch Basins Type A, B and C Storm Drain Manhole Type D and E Storm Drain Manhole Type F Storm Drain Manhole Catch Basin and Manhole Casting Type A-9 and A-9P Frames and Grates Type A-9B Frames and Grates Type 61614 and 61214 Grated Drop Inlet Type 61616 Grated Drop Inlet 61214, 61614 & 61616 Steel Frames and Grates 61214B Steel Frame and Grates Concrete and Cement Rubble Masonry Structures Inlet Structures Flared End Section for Culverts Outlet Structures Concrete Spillway Inlet	07/01/86 07/01/86 07/01/86 07/01/86 07/01/86 07/01/86 07/01/86 07/01/86 07/01/86 07/01/86 07/01/86 07/01/86 07/01/86 07/01/86 07/01/86 07/01/86 07/01/86 07/01/86
H-02 H-03 H-04 H-05 H-06 H-07 H-08 H-09 H-10 H-11 H-12 H-13 H-14 H-15 H-15 H-16 H-17	Type A1, B1, C1 and D1 Catch Basin Type A2, B2, C2 and D2 Catch Basin Typical Reinforcing Details for Catch Basins Type A, B and C Storm Drain Manhole Type D and E Storm Drain Manhole Type F Storm Drain Manhole Catch Basin and Manhole Casting Type A-9 and A-9P Frames and Grates Type A-9B Frames and Grates Type 61614 and 61214 Grated Drop Inlet Type 61616 Grated Drop Inlet 61214, 61614 & 61616 Steel Frames and Grates 61214B Steel Frame and Grates Concrete and Cement Rubble Masonry Structures Inlet Structures Flared End Section for Culverts Outlet Structures	07/01/86 07/01/86 07/01/86 07/01/86 07/01/86 07/01/86 07/01/86 07/01/86 07/01/86 07/01/86 07/01/86 07/01/86 07/01/86 07/01/86

TITLE

Notes and Miscellaneous Details

STANDARD

PLAN NO.

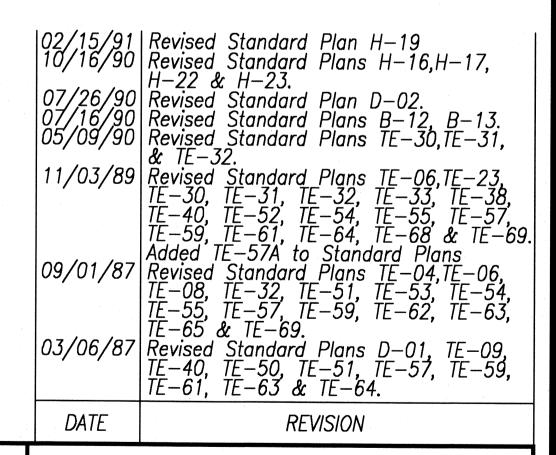
B-02

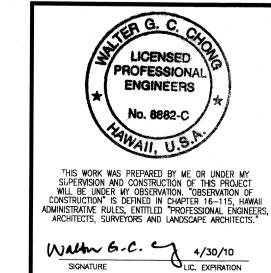
RMTC JOB NO. : 1-20132-0E

DATE	STANDARD PLAN NO.	TITLE	DATE
07/01/86	TE-01 ●	Miscellaneous Sign Details	07/01/86
	TE-02 ●	Galvanized Flanged Channel Sign Post Mounting	07/01/86
07/01/86	TE-03 ●	Galvanized Square Tube Sign Post Mounting	07/01/86
	TE-04 ●	Regulatory Signs	r09/01/87
	TE-05 ●	Warning Signs	07/01/86
07/01/86	TE-06	Miscellaneous Signs	r11/03/89
07/01/86	TE-07	Reserved	07/01/86
07/01/86	TE−08 ●	Construction Signs	r09/01/87
	TE-09	Miscellaneous Intersection Signs	r03/06/87
	TE-10	Reserved	07/01/86
	TE-11	Bike Route Sign and Supplementary Plates	07/01/86
r07/16/90	TE-12	State Route Marker and Auxiliary Markers	07/01/86
r07/16/90	TE-13	Interstate Route Marker	07/01/86
	TE-14	State Route Marker and Border Detail for Guide Signs	07/01/86
	TE-15	Route Marker Assemblies	07/01/86
	TE-16	Miscellaneous Reflector Markers	07/01/86
r03/06/87	TE-17	Type II Object Markers	07/01/86
r07/26/90	TE-18	Mileposts	07/01/86
07/01/86	TE-19	Reserved	07/01/86
07/01/86	TE-20	Overhead Sign Supports	07/01/86
07/01/86	TE-21	Overhead Sign Support, Box Truss Type, Aluminum	07/01/86
07/01/86	TE-22	Foundation Details and Schedules	07/01/86
07/01/86	TE-23	Supports for Ground Mounted Guide Sign	r11/03/89
07/01/86	TE-24	Breakaway Sign Supports for Ground Mounted Guide Signs	07/01/86
07/01/86	TE-25	Laminated Aluminum Sign Panels (Overhead)	07/01/86
07/01/86	TE-26	Laminated Aluminum Sign Panels (Ground Mounted)	07/01/86
07/01/86	TE-27	Solid Aluminum Extruded Sign Panel and Accessory Details	07/01/86
07/01/86	TE-28	Guide Signs Luminaire Mountings	07/01/86
07/01/86	TE-29	Reserved	07/01/86
	TE-30	Raised Pavement Markers and Striping	r05/09/90
	TE-31	Miscellaneous Pavement Markings	r05/09/90
	TE-32	Miscellaneous Pavement Markings	r05/09/90
07/01/86	TE-33	Miscellaneous Pavement Markings	r11/03/89
07/01/86	TE-34	Reserved	07/01/86
07/01/86	TE-35	Pavement Alphabets, Numbers & Symbols	07/01/86
07/01/86	TE-36	Pavement Alphabets, Numbers & Symbols	07/01/86
07/01/86	TE-37	Reserved	07/01/86
07/01/86	TE-38	Traffic Signal System, Miscellaneous Details	r11/03/89
07/01/86	TE-39	Traffic Signal System, Miscellaneous Details	07/01/86
07/01/86	TE-40	Loop Detectors	r11/03/89
07/01/86	TE-41	Pullboxes	07/01/86
07/01/86	TE-42	Type III Traffic Signal Standard	07/01/86
07/01/86	TE-43	Concrete Pullbox (2' x 3')	07/01/86
07/01/86	TE-44	Reserved	07/01/86
07/01/86			3,701,00

STANDARD PLAN NO.	TITLE	DATE
TE-45	Reserved	07/01/86
TE-46	Reserved	07/01/86
TE-47	Reserved	07/01/86
TE-48	Reserved	07/01/86
TE-49	Reserved	07/01/86
TE-50	Metal Guardrail	r03/06/87
TE-51	TE-51 Metal Guardrail	
TE-52	Metal Guardrail with Rubrail	r09/01/87 r11/03/89
TE-53	Metal Guardrail with Rubrail at Obstruction	r09/01/87
TE-54	Beam Type Guardrail with Rubrail at Obstruction (Shoulder Installation)	r11/03/89
TE-55	Metal Guardrail Connection to Concrete Barrier	r11/03/89
TE-56	Concrete Barrier Transition	07/01/86
TE-57	Guardrail Type 3, Thrie Beam	r11/03/89
TE-57A	Guardrail Type 3, Modified Thrie Beam	11/03/89
TE-58	Approach End Flare, One & Two Way Roadway	07/01/86
TE-59	Trailing End Flare, One & Two Way Roadway	r11/03/89
TE-60	Anchor Block Details	07/01/86
TE-61	Breakaway Cable Terminal (BCT)	r11/03/89
TE-62	Breakaway Cable Terminal (BCT)	r09/01/87
TE-63	Guardrail Type 4 (Rigid Barrier)	r09/01/87
TE-64	Portable Concrete Barrier	r10/01/01A
TE-65	Guardrail Type 4, Miscellaneous	r09/01/87
TE-66	Barricades	07/01/86
TE-67	Delineation & Pavement Markings at Bridges	07/01/86
TE-68	Wheelchair Ramps	r11/03/89
TE-69	Wheelchair Ramps	r11/03/89

Standard Plans applicable to this project are indicated by a " ● " next to the Standard Plan No. (D−07 •)





DEPARTMENT OF TRANSPORTATION

STANDARD PLANS SUMMARY

Kaumualii Highway, Kuhio Highway & Kuamoo Road Retaining Walls Project No. HWY-K-01-03

Scale: **AS NOTED**

Date: **MAY 2008**

SHEET No. G-2 OF 9 SHEETS

SIGNATURE 4/30/10

LIC. EXPIRATION R. M. TOWILL CORPORATION