## STANDARD PLANS SUMMARY

FED. DIST		STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAV	V AII	HAW.	93A-02-90	1992	2	11

B-01 : B-02 : B-03 : B-04 : B-05 : B-06 :	Notes and Miscellaneous Details  Typical Structure Excavation and Backfill Pay Limits  Concrete Box Girder	
B-03 · B-04 · B-05 ·		07/01/86
B-04 B-05		
B-05	Concrete Box Girder	07/01/86
	Concrete Box Girder	07/01/86
B-06	Concrete Box Girder	07/01/96
		סטלוטלוט
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	07/01/86
B-13	Prestressed Concrete Piles	07/01/86
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		T 07.00.46
D-01	Chain Link Fence With Toprail	r03/06/8
D-02	Chain Link Fence Without Toprail	07/01/8
D-03	Wire Fence With Metal Posts	07/01/8
D-04	Typical Details of Curbs and/or Gutters	07/01/8
D-05	Typical Details of Reinforced Concrete Drop Driveway	07/01/8
D-06	Centerline and Reference Survey Monument	07/01/8
D-07	Street Survey Monument	07/01/8
D-08	Landscaping Shrub and Tree Planting	07/01/8
D-09 ·	Field Office	07/01/8
D-10 ·	Field Office	07/01/8
D-11	Project Site Laboratory	07/01/8
D-12	Project Site Laboratory	07/01/8
D-13	Field Office & Project Site Laboratory	07/01/8
5-4-2-4-4-4		
		- A - A - A - A - A - A - A - A - A - A

07/01/86

Type A. B. C and D Catch Basin

H-03 Type A2, B2, C2 and D2 Catch Basin  H-04 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  Type F Storm Drain Manhole  07/01	• .		Type At B. C and B Caren Booth	
H-04 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  Type F Storm Drain Manhole  Type F Storm Drain Manhole  Type A-9 and A-9P Frames and Grates  Type A-9 and A-9P Frames and Grates  Type 61614 and 61214 Grated Drop Inlet  Type 61616 Grated Drop Inlet  Type 61616 Grated Drop Inlet  Type 61614 & 61614 & 61616 Steel Frames and Grates  Type 61614 B Steel Frame and Grates  Type 61616 Grated Drop Inlet  Type 61616 Grates  T	H-02		Type A1, B1, C1 and D1 Catch Basin	07/01
H-05 ● Type A₁ B and C Storm Drain Manhole  H-06 Type D and E Storm Drain Manhole  O7/01  H-07 Type F Storm Drain Manhole  Catch Basin and Manhole Casting  H-09 Type A-9 and A-9P Frames and Grates  O7/01  H-10 Type A-9B Frames and Grates  O7/01  H-11 ● Type 61614 and 61214 Grated Drop Inlet  O7/01  H-12 Type 61616 Grated Drop Inlet  O7/01  H-13 61214, 61614 & 61616 Steel Frames and Grates  O7/01  H-14 61214B Steel Frame and Grates  O7/01  H-15 61614B Steel Frame and Grates  O7/01  H-16 Concrete and Cement Rubble Masonry Structures  O7/01  H-17 Inlet Structures  O7/01  H-18 Flared End Section for Culverts  O7/01  H-20 Concrete Spillway Inlet  H-21 18" Slotted C.M.P. Drain  O7/01  H-22 C.M.P. Coupling Details Standard Joint  O7/01	H-03	•	Type A2, B2, C2 and D2 Catch Basin	07/01
H-06 Type D and E Storm Drain Manhole 07/01 H-07 Type F Storm Drain Manhole 07/01 H-08 Catch Basin and Manhole Casting 07/01 H-09 Type A-9 and A-9P Frames and Grates 07/01 H-10 Type A-9B Frames and Grates 07/01 H-11 Type 61614 and 61214 Grated Drop Inlet 07/01 H-12 Type 61616 Grated Drop Inlet 07/01 H-13 61214, 61614 & 61616 Steel Frames and Grates 07/01 H-14 61214B Steel Frame and Grates 07/01 H-15 61614B Steel Frame and Grates 07/01 H-16 Concrete and Cement Rubble Masonry Structures 07/01 H-17 Inlet Structures 07/01 H-18 Flared End Section for Culverts 07/01 H-19 Outlet Structures 07/01 H-20 Concrete Spillway Inlet 07/01 H-21 18″ Slotted C.M.P. Drain 07/01 H-22 C.M.P. Coupling Details Standard Joint 07/01	H-04	<b>Ø</b>	Typical Reinforcing Details for Catch Basins	07/01
H-07 Type F Storm Drain Manhole 07/01 H-08	H-05	<b>®</b>	Type A. B and C Storm Drain Manhole	07/01
H-08	H-06		Type D and E Storm Drain Manhole	07/01
H-09 Type A-9 and A-9P Frames and Grates 07/01 H-10 Type A-9B Frames and Grates 07/01 H-11 ▼ Type 61614 and 61214 Grated Drop Inlet 07/01 H-12 Type 61616 Grated Drop Inlet 07/01 H-13 61214, 61614 & 61616 Steel Frames and Grates 07/01 H-14 61214B Steel Frame and Grates 07/01 H-15 61614B Steel Frame and Grates 07/01 H-16 Concrete and Cement Rubble Masonry Structures 07/01 H-17 Inlet Structures 07/01 H-18 Flared End Section for Culverts 07/01 H-19 Outlet Structures 07/01 H-20 Concrete Spillway Inlet 07/01 H-21 18" Slotted C.M.P. Drain 07/01 H-22 C.M.P. Coupling Details Standard Joint 07/01	H-07		Type F Storm Drain Manhole	07/01
H-10 Type A-9B Frames and Grates 07/01 H-11	H-08	•	Catch Basin and Manhole Casting	07/01
H-11	H-09	,	Type A-9 and A-9P Frames and Grates	07/01
H-12       Type 61616 Grated Drop Inlet       07/01         H-13       61214, 61614 & 61616 Steel Frames and Grates       07/01         H-14       61214B Steel Frame and Grates       07/01         H-15       61614B Steel Frame and Grates       07/01         H-16       Concrete and Cement Rubble Masonry Structures       07/01         H-17       Inlet Structures       07/01         H-18       Flared End Section for Culverts       07/01         H-19       Outlet Structures       07/01         H-20       Concrete Spillway Inlet       07/01         H-21       18" Slotted C.M.P. Drain       07/01         H-22       C.M.P. Coupling Details Standard Joint       07/01	H-10		Type A-9B Frames and Grates	07/01
H-13       61214, 61614 & 61616 Steel Frames and Grates       07/01         H-14       61214B Steel Frame and Grates       07/01         H-15       61614B Steel Frame and Grates       07/01         H-16       Concrete and Cement Rubble Masonry Structures       07/01         H-17       Inlet Structures       07/01         H-18       Flared End Section for Culverts       07/01         H-19       Outlet Structures       07/01         H-20       Concrete Spillway Inlet       07/01         H-21       18" Slotted C.M.P. Drain       07/01         H-22       C.M.P. Coupling Details Standard Joint       07/01	H-11	•	Type 61614 and 61214 Grated Drop Inlet	07/01
H-14       61214B Steel Frame and Grates       07/01         H-15       61614B Steel Frame and Grates       07/01         H-16       Concrete and Cement Rubble Masonry Structures       07/01         H-17       Inlet Structures       07/01         H-18       Flared End Section for Culverts       07/01         H-19       Outlet Structures       07/01         H-20       Concrete Spillway Inlet       07/01         H-21       18" Slotted C.M.P. Drain       07/01         H-22       C.M.P. Coupling Details Standard Joint       07/01	H-12	,	Type 61616 Grated Drop Inlet	07/01
H-15 61614B Steel Frame and Grates 07/01 H-16 Concrete and Cement Rubble Masonry Structures 07/01 H-17 Inlet Structures 07/01 H-18 Flared End Section for Culverts 07/01 H-19 Outlet Structures 07/01 H-20 Concrete Spillway Inlet 07/01 H-21 18" Slotted C.M.P. Drain 07/01 H-22 C.M.P. Coupling Details Standard Joint 07/01	H-13	•	61214, 61614 & 61616 Steel Frames and Grates	07/01
H-16 Concrete and Cement Rubble Masonry Structures 07/01 H-17 Inlet Structures 07/01 H-18 Flared End Section for Culverts 07/01 H-19 Outlet Structures 07/01 H-20 Concrete Spillway Inlet 07/01 H-21 18" Slotted C.M.P. Drain 07/01 H-22 C.M.P. Coupling Details Standard Joint 07/01	H-14		61214B Steel Frame and Grates	07/01
H-17 Inlet Structures 07/01 H-18 Flared End Section for Culverts 07/01 H-19 Outlet Structures 07/01 H-20 Concrete Spillway Inlet 07/01 H-21 18" Slotted C.M.P. Drain 07/01 H-22 C.M.P. Coupling Details Standard Joint 07/01	H-15	,	61614B Steel Frame and Grates	07/01
H-18 Flared End Section for Culverts 07/01 H-19 Outlet Structures 07/01 H-20 Concrete Spillway Inlet 07/01 H-21 18" Slotted C.M.P. Drain 07/01 H-22 C.M.P. Coupling Details Standard Joint 07/01	H-16	-	Concrete and Cement Rubble Masonry Structures	07/01
H-19Outlet Structures07/01H-20Concrete Spillway Inlet07/01H-2118" Slotted C.M.P. Drain07/01H-22C.M.P. Coupling Details Standard Joint07/01	H-17	*	Inlet Structures	07/01
H-20 Concrete Spillway Inlet  H-21 18" Slotted C.M.P. Drain  H-22 C.M.P. Coupling Details Standard Joint  07/01	H-18	*	Flared End Section for Culverts	07/01
H-21 18" Slotted C.M.P. Drain 07/01 H-22 C.M.P. Coupling Details Standard Joint 07/01	H-19	-	Outlet Structures	07/01
H-22 C.M.P. Coupling Details Standard Joint 07/01	H-20	•	Concrete Spillway Inlet	07/01
	H-21		18" Slotted C.M.P. Drain	07/01
H-23 Hat Shaped Coupling Band 07/01	H-22		C.M.P. Coupling Details Standard Joint	07/01
	H-23	,	Hat Shaped Coupling Band	07/01

STANDARD PLAN NO.	TITLE	DATE
TE-01 ●	Miscellaneous Sign Details	07/01/86
TE-02 <b>●</b>	Galvanized Flanged Channel Sign Post Mounting	07/01/80
TE-03 ●	Galvanized Square Tube Sign Post Mounting	07/01/80
TE-04 ●	Regulatory Signs	r09/01/8
TE-05	Warning Signs	07/01/80
TE-06 •	Miscellaneous Signs	r11/03/89
TE-07 ·	Reserved	07/01/8
TE-08 <b>●</b>	Construction Signs	r09/01/8
TE-09	Miscellaneous Intersection Signs	r03/06/8
TE-10	Reserved	07/01/8
TE-11	Bike Route Sign and Supplementary Plates	07/01/8
TE-12	State Route Marker and Auxiliary Markers	07/01/8
TE-13	Interstate Route Marker	07/01/8
TE-14	State Route Marker and Border Detail for Guide Signs	07/01/8
TE-15	Route Marker Assemblies	07/01/8
TE-16 ·	Miscellaneous Reflector Markers	07/01/8
TE-17 ●	Type II Object Markers	07/01/8
TE-18	Mileposts	07/01/8
TE-19	Reserved	07/01/8
TE-20	Overhead Sign Supports	07/01/8
TE-21	Overhead Sign Support, Box Truss Type, Aluminum	07/01/8
TE-22	Foundation Details and Schedules	07/01/8
TE-23	Supports for Ground Mounted Guide Sign	r11/03/89
TE-24	Breakaway Sign Supports for Ground Mounted Guide Signs	07/01/8
TE-25	Laminated Aluminum Sign Panels (Overhead)	07/01/8
TE-26	Laminated Aluminum Sign Panels (Ground Mounted)	07/01/8
TE-27	Solid Aluminum Extruded Sign Panel and Accessory Details	07/01/8
TE-28	Guide Signs Luminaire Mountings	07/01/8
TE-29	Reserved	07/01/8
TE-30 ●	Raised Pavement Markers and Striping	r11/03/8
TE-31 ●	Miscellaneous Pavement Markings	r11/03/8
TE-32 ●	Miscellaneous Pavement Markings	r11/03/8
TE-33 ●	Miscellaneous Pavement Markings	r11/03/8
TE-34	Reserved	07/01/8
TE-35	Pavement Alphabets, Numbers & Symbols	07/01/8
TE-36	Pavement Alphabets, Numbers & Symbols	07/01/8
TE-37	Reserved	07/01/8
TE-38 ●	Traffic Signal System, Miscellaneous Details	r11/03/8
TE-39 ●	Traffic Signal System, Miscellaneous Details	07/01/8
TE-40 •	Loop Detectors	r11/03/8
TE-41	Pullboxes	07/01/8
TE-42	Type III Traffic Signal Standard	07/01/8
TE-43	Concrete Pullbox (2' x 3')	07/01/8
TE-44	Reserved	07/01/8

STANDARD PLAN NO.		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	Metal Guardrail	r09/01/87
TE-52	Metal Guardrail with Rubrail	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	r11/03/89
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

## NOTE:

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

11/03/89 REVISED STANDARD PLANS TE-06.TE-23.
TE-30. TE-31. TE-32. TE-33. TE-38.
TE-40. TE-52. TE-54. TE-55. TE-57.
TE-59. TE-61. TE-64. TE-68 & TE-69.
ADDED TE-57A TO STANDARD PLANS
REVISED STANDARD PLANS TE-04. TE-06.
TE-08. TE-32. TE-51. TE-53. TE-54.
TE-55. TE-57. TE-59. TE-62. TE-63.
TE-65 & TE-69.

03/06/87 REVISED STANDARD PLANS D-01. TE-09.
TE-40. TE-50. TE-51. TE-57. TE-59.
TE-61. TE-63 & TE-64.

DATE

REVISION

STANDARD PLANS SUMMARY

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION

HIGHWAYS DIVISION

<u>FARRINGTON HIGHWAY</u> Traffic Signal At Mohihi Street

PROJECT NO. 93A-02-90

Date: March,1992 SHEET No. 1 OF 1 SHEETS

ORIGINAL SURVEY PLOTTED BY
PLAN DRAWN BY
TRACED BY
NOTE BOOK DESIGNED BY
QUANTITIES BY

2