STANDARD PLANS SUMMARY

FED. ROAD DIST. NO.		PROJ. NO.	FISCAL YEAR		TOTAL SHEETS
HAWAII	HAW.	2000E-01-90M	1990	2	8

1	DATE
Notes and Miscellaneous Details	07/01/86
Typical Structure Excavation and Backfill Pay Limits	07/01/86
Concrete Box Girder	07/01/86
Concrete Box Girder	07/01/86
Concrete Box Girder	07/01/86
Prestressed Concrete Piles	07/01/86
Prestressed Concrete Piles	07/01/86
	r03/06/87
	07/01/86
Wire Fence With Metal Posts	07/01/86
Typical Details of Curbs and/or Gutters	07/01/86
Typical Details of Reinforced Concrete Drop Driveway	07/01/86
Typical Details of Reinforced Concrete Drop Driveway Centerline and Reference Survey Monument	
	07/01/86
Centerline and Reference Survey Monument	07/01/86 07/01/86
Centerline and Reference Survey Monument Street Survey Monument	07/01/86 07/01/86 07/01/86
Centerline and Reference Survey Monument Street Survey Monument Landscaping Shrub and Tree Planting	07/01/86 07/01/86 07/01/86 07/01/86
Centerline and Reference Survey Monument Street Survey Monument Landscaping Shrub and Tree Planting Field Office	07/01/86 07/01/86 07/01/86 07/01/86 07/01/86 07/01/86
Centerline and Reference Survey Monument Street Survey Monument Landscaping Shrub and Tree Planting Field Office Field Office	07/01/86 07/01/86 07/01/86 07/01/86
	Notes and Miscellaneous Details Typical Structure Excavation and Backfill Pay Limits Concrete Box Girder Concrete Box Girder Concrete Box Girder Concrete Box Girder Prestressed Concrete Piles Prestressed Concrete Piles Chain Link Fence With Toprail Chain Link Fence Without Toprail Wire Fence With Metal Posts Typical Details of Curbs and/or Gutters

H-03 Type A2, B2, C2 and D2 Catch Basin 07/01 H-04 Typical Reinforcing Details for Catch Basins 07/01 H-05 Type A, B and C Storm Drain Manhole 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-19 Outlet Structures 07/01 H-20 Concrete Spillway Inlet 07/01 H-21 18" Slotted C.M.P. Drain 07/01	H-01	Type A. B. C and D Catch Basin	07/01/86
H-04 Typical Reinforcing Details for Catch Basins 07/01 H-05 Type A. B and C Storm Drain Manhole 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-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-02	Type A1. B1. C1 and D1 Catch Basin	07/01/86
H-05 Type A, B and C Storm Drain Manhole 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-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-03	Type A2. B2. C2 and D2 Catch Basin	07/01/86
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-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	Typical Reinforcing Details for Catch Basins	07/01/86
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-05	Type A. B and C Storm Drain Manhole	07/01/86
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-06	Type D and E Storm Drain Manhole	07/01/86
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	07/01/86
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-08	Catch Basin and Manhole Casting	07/01/86
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-09	Type A-9 and A-9P Frames and Grates	07/01/86
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	07/01/86
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	07/01/86
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	07/01/86
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	07/01/86
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	07/01/86
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	07/01/86
H-18Flared End Section for Culverts07/01H-19Outlet Structures07/01H-20Concrete Spillway Inlet07/01H-2118" Slotted C.M.P. Drain07/01H-22C.M.P. Coupling Details Standard Joint07/01	H-16	Concrete and Cement Rubble Masonry Structures	07/01/86
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	07/01/86
H-20Concrete Spillway Inlet07/01H-2118" Slotted C.M.P. Drain07/01H-22C.M.P. Coupling Details Standard Joint07/01	H-18	Flared End Section for Culverts	07/01/86
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	07/01/86
H-22 C.M.P. Coupling Details Standard Joint 07/01.	H-20	Concrete Spillway Inlet	07/01/86
	H-21	18" Slotted C.M.P. Drain	07/01/86
H-23 Hat Shaped Coupling Band 07/01	H-22	C.M.P. Coupling Details Standard Joint	07/01/86
· · · · · · · · · · · · · · · · · · ·	H-23	Hat Shaped Coupling Band	07/01/86

STANDARD PLAN NO		DATE
TE-01 🌑	Miscellaneous Sign Details	07/01/86
TE-02 •	Galvanized Flanged Channel Sign Post Mounting	07/01/86
TE-03 •	Galvanized Square Tube Sign Post Mounting	07/01/86
TE-04 🌑	Regulatory Signs	r09/01/87
TE-05 ①	Warning Signs	07/01/86
TE-06	Miscellaneous Signs	r09/01/87
TE-07	Reserved	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
TE-12	State Route Marker and Auxiliary Markers	07/01/86
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
TE-17	Type II Object Markers	07/01/86
TE-18	Mileposts	07/01/86
TE-19	Reserved	07/01/86
TE-20	Overhead Sign Supports	07/01/86
TE-21	Overhead Sign Support, Box Truss Type, Aluminum	07/01/86
TE-22	Foundation Details and Schedules	07/01/86
TE-23	Destination & Ground Mounted Expressway Signs	07/01/86
TE-24	Breakaway Sign Supports for Ground Mounted Guide Signs	07/01/86
TE-25	Laminated Aluminum Sign Panels (Overhead)	07/01/86
TE-26	Laminated Aluminum Sign Panels (Ground Mounted)	07/01/86
TE-27	Solid Aluminum Extruded Sign Panel and Accessory Details	07/01/86
TE-28	Guide Signs Luminaire Mountings	07/01/86
TE-29	Reserved	07/01/86
TE-30	Raised Pavement Markers and Striping	07/01/86
TE-31 (a)	Miscellaneous Pavement Markings	07/01/86
TE-32	Miscellaneous Pavement Markings	r09/01/87
TE-33	Miscellaneous Pavement Markings	07/01/86
TE-34	Reserved	07/01/86
TE-35	Pavement Alphabets, Numbers & Symbols	07/01/86
TE-36	Pavement Alphabets, Numbers & Symbols	07/01/86
TE-37	Reserved	07/01/86
TE-38	Traffic Signal System. Miscellaneous Details	07/01/86
TE-39	Traffic Signal System. Miscellaneous Details	07/01/86
TE-40	Loop Detectors	r03/06/87
TE-41	Pullboxes	07/01/86
TE-42	Type III Traffic Signal Standard	07/01/86
TE-43	Concrete Pullbox (2' x 3')	07/01/86
TE-44	Reserved	07/01/86

STANDAI PLAN N		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	07/01/86
TE-53	Metal Guardrail with Rubrail at Obstruction	r09/01/87
TE-54	Beam Type Guardrail with Rubrail at Obstruction (Shoulder Installation)	r09/01/87
TE-55	Metal Guardrail Connection to Concrete Barrier	r09/01/87
TE-56	Concrete Barrier Transition	07/01/86
TE-57	Guardrail Type 3. Thrie Beam	r09/01/87
TE-58	Approach End Flare, One & Two Way Roadway	07/01/86
TE-59	Trailing End Flare, One & Two Way Roadway	r09/01/87
TE-60	Anchor Block Details	07/01/86
TE-61	Breakaway Cable Terminal (BCT)	r03/06/87
TE-62	Breakaway Cable Terminal (BCT)	r09/01/87
TE-63	Guardrail Type 4 (Rigid Barrier)	r09/01/87
TE-64	Portable Concrete Guardrail	r03/06/87
TE-65	Guardrail Type 4. Miscellaneous	r09/01/87
TE-66 4	Barricades	07/01/86
TE-67	Delineation & Pavement Markings at Bridges	07/01/86
TE-68	Wheelchair Ramps	07/01/86
TE-69	Wheelchair Ramps	r09/01/87

NOTE:

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

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

STANDARD PLANS SUMMARY

09/01/87 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 PUAINAKO STREET RESURFACING Kllauea Avenue To Komohana Street Project No. 2000E -01 -90M

Date:

SHEET No. 1 OF 1 SHEETS

