## STANDARD PLANS SUMMARY

FED. ROAD DIST. NO.	STATE	PROJ. NO.			TOTAL SHEETS
HAWAII	HAW.	HWY-M-02-97M	1997	2	14

STANDARI PLAN NO	TITLE	DATE
B-01	Notes and Miscellaneous Details	07/01/86
B-02		
B-03	Typical Structure Excavation and Backfill Pay Limits	07/01/86
B-04		
B-05		
B-06	Concrete Box Girder	07/01/8
B-07	Concrete Box Girder	07/01/8
B-08	Concrete Box Girder	07/01/8
B-09		
B-10		
B-11		
B-12	Prestressed Concrete Piles	r07/16/9
B-13	Prestressed Concrete Piles	r07/16/90
D-01	Chain Link Fence With Toprail	r03/06/8
D-02	Chain Link Fence Without Toprail	r07/26/90
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	07/01/80
D-08	Landscaping Shrub and Tree Planting	07/01/80
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	07/01/80
D-13	Field Office & Project Site Laboratory	07/01/86
H-01	Type A. B. C and D Catch Basin	07/01/80

Type A1. B1. C1 and D1 Catch Basin

Type A2. B2. C2 and D2 Catch Basin

Type A. B and C Storm Drain Manhole

Type D and E Storm Drain Manhole

Catch Basin and Manhole Casting

Type A-9 and A-9P Frames and Grates

Type 61614 and 61214 Grated Drop Inlet

61214. 61614 & 61616 Steel Frames and Grates

Concrete and Cement Rubble Masonry Structures

Type F Storm Drain Manhole

Type A-9B Frames and Grates

Type 61616 Grated Drop Inlet

61214B Steel Frame and Grates

61614B Steel Frame and Grates

Flared End Section for Culverts

C.M.P. Coupling Details Standard Joint

Inlet Structures

Outlet Structures

Concrete Spillway Inlet

18" Slotted C.M.P. Drain

Hat Shaped Coupling Band

Typical Reinforcing Details for Catch Basins

1		Thought Group Signo
	TE-05 ●	Warning Signs
	TE-06	Miscellaneous Signs
	TE-07	Reserved
	TE-08	Construction Signs
	TE-09	Miscellaneous Intersection Signs
	TE-10	Reserved
	TE-11	Bike Route Sign and Supplementary Plates
	TE-12	State Route Marker and Auxiliary Markers
	TE-13	Interstate Route Marker
	TE-14	State Route Marker and Border Detail for G
11 1	TE-15	Route Marker Assemblies
	TE-16	Miscellaneous Reflector Markers
	TE-17	Type II Object Markers
16.1	TE-18	Mileposts
	TE-19	Reserved
	TE-20	Overhead Sign Supports
, fa	TE-21	Overhead Sign Support, Box Truss Type, Alu
	TE-22	Foundation Details and Schedules
	TE-23	Supports for Ground Mounted Guide Sign
	TE-24	Breakaway Sign Supports for Ground Mounted
3	TE-25	Laminated Aluminum Sign Panels (Overhead)
\$	TE-26	Laminated Aluminum Sign Panels (Ground Mou
	TE-27	Solid Aluminum Extruded Sign Panel and Acc
	TE-28	Guide Signs Luminaire Mountings
	TE-29	Reserved
	TE-30	Raised Pavement Markers and Striping
	TE-31 ●	Miscellaneous Pavement Markings
	TE-32 ●	Miscellaneous Pavement Markings
	TE-33 ●	Miscellaneous Pavement Markings
	TE-34	Reserved
	TE-35	Pavement Alphabets, Numbers & Symbols
	TE-36	Pavement Alphabets, Numbers & Symbols
	TE-37	Reserved
i.,	TE-38	Traffic Signal System Miscellaneous Detai
	TE-39	Traffic Signal System. Miscellaneous Detai
v	TE-40	Loop Detectors
	TE-41	Pullboxes
	TE-42	Type III Traffic Signal Standard
	TE-43	Concrete Pullbox (2' x 3')
	TE-44	Reserved
* . * .		
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1 141 11 1 1 1		
4.		

PLAN NO.

TE-02 •

TE-03

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

r10/16/90

r10/16/90

r02/15/91

07/01/86

07/01/86

r10/16/90

r10/16/90

07/01/86

TITLE	DATE
scellaneous Sign Details	07/01/86
vanized Flanged Channel Sign Post Mounting	07/01/86
vanized Square Tube Sign Post Mounting	07/01/86
julatory Signs	r09/01/87
ning Signs	07/01/86
cellaneous Signs	r11/03/89
erved	07/01/86
struction Signs	r09/01/87
cellaneous Intersection Signs	r03/06/87
erved	07/01/86
e Route Sign and Supplementary Plates	07/01/86
te Route Marker and Auxiliary Markers	07/01/86
erstate Route Marker	07/01/86
te Route Marker and Border Detail for Guide Signs	07/01/86
te Marker Assemblies	07/01/86
cellaneous Reflector Markers	07/01/86
e II Object Markers	07/01/86
eposts	07/01/86
erved	07/01/86
rhead Sign Supports	07/01/86
rhead Sign Support. Box Truss Type. Aluminum	07/01/86
ndation Details and Schedules	07/01/86
ports for Ground Mounted Guide Sign	r11/03/89
akaway Sign Supports for Ground Mounted Guide Signs	07/01/86
inated Aluminum Sign Panels (Overhead)	07/01/86
inated Aluminum Sign Panels (Ground Mounted)	07/01/86
id Aluminum Extruded Sign Panel and Accessory Details	07/01/86
de Signs Luminaire Mountings	07/01/86
erved	07/01/86
sed Pavement Markers and Striping	r05/09/90
cellaneous Pavement Markings	r05/09/90
cellaneous Pavement Markings	r05/09/90
cellaneous Pavement Markings	r11/03/89
erved	07/01/86
ement Alphabets, Numbers & Symbols	07/01/86
ement Alphabets. Numbers & Symbols	07/01/86
erved	07/01/86
ffic Signal System. Miscellaneous Details	
ffic Signal System. Miscellaneous Details	r11/03/89
	07/01/86
Detectors  Iboves	r11/03/89
boxes  - III Traffic Signal Standard	07/01/86
e III Traffic Signal Standard	07/01/86
crete Pullbox (2' x 3')	07/01/86
erved	07/01/86

STANDARD PLAN NO.	1116	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
4.		

## 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

KAUMALAPAU HIGHWAY SHOULDER PAVING AND REPLACEMENT OF PAVEMENT MARKINGS Project No. HWY-M-02-97M

> Date: March, 1997 SHEET No. 1 OF 1 SHEETS

**~** . . . . . SURVEY PLOTTE
DRAWN BY AC
TRACED BY
DESIGNED BY CH
QUANTITIES BY
CHECKED BY H-02

H-03

H-05

H-06

H-07

H-08

H-09

H-11

H-12

H-13

H-14

H-15

H-16

H-17

H-18

H-19

H-20

H-21

H-22

H-23

02/15/91 REVISED STANDARD PLAN H#19 10/16/90 REVISED STANDARD PLANS H-16.H-17. H-22 & H-23. 07/26/90 REVISED STANDARD PLANS D-02. 07/16/90 REVISED STANDARD PLANS B-12.B-13. 05/09/90 | REVISED STANDARD PLANS TE-30, TE-31, & TE-32. 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 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