

STANDARD PLANS SUMMARY

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	RS-0930(5)	1987	2	39

Standard 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	07/01/86
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	07/01/86
B-13	Prestressed Concrete Piles	07/01/86

D-01	Chain Link Fence With Toprail	r 03/06/87
D-02	Chain Link Fence Without Toprail	07/01/86
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	07/01/86
H-03	Type A2, B2, C2 and D2 Catch Basin	07/01/86
H-04	Typical Reinforcing Details for Catch Basins	07/01/86
H-05	Type A, B and C Storm Drain Manhole	07/01/86
H-06	Type D and E Storm Drain Manhole	07/01/86
H-07	Type F Storm Drain Manhole	07/01/86
H-08	Catch Basin and Manhole Casting	07/01/86
H-09	Type A-9 and A-9P Frames and Grates	07/01/86
H-10	Type A-9B Frames and Grates	07/01/86
H-11	Type 61614 and 61214 Grated Drop Inlet	07/01/86
H-12	Type 61616 Grated Drop Inlet	07/01/86
H-13	61214, 61614 & 61616 Steel Frames and Grates	07/01/86
H-14	61214B Steel Frame and Grates	07/01/86
H-15	61614B Steel Frame and Grates	07/01/86
H-16	Concrete and Cement Rubble Masonry Structures	07/01/86
H-17	Inlet Structures	07/01/86
H-18	Flared End Section for Culverts	07/01/86
H-19	Outlet Structures	07/01/86
H-20	Concrete Spillway Inlet	07/01/86
H-21	18" Slotted C. M. P. Drain	07/01/86
H-22	C. M. P. Coupling Details Standard Joint	07/01/86
H-23	Hat Shaped Coupling Band	07/01/86

Standard Plan No.	Title	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	07/01/86
TE-05 ●	Warning Signs	07/01/86
TE-06 ●	Miscellaneous Signs	07/01/86
TE-07	Reserved	07/01/86
TE-08 ●	Construction Signs	07/01/86
TE-09	Miscellaneous Intersection Signs	r 03/06/87
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 ●	Miscellaneous Pavement Markings	07/01/86
TE-32	Miscellaneous Pavement Markings	07/01/86
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	r 03/06/87
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

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	r 03/06/87
TE-51 ●	Metal Guardrail	r 03/06/87
TE-52 ●	Metal Guardrail with Rubrail	07/01/86
TE-53	Metal Guardrail with Rubrail at Obstruction	07/01/86
TE-54 ●	Beam Type Guardrail with Rubrail at Obstruction (Shoulder Installation)	07/01/86
TE-55	Metal Guardrail Connection to Concrete Barrier	07/01/86
TE-56	Concrete Barrier Transition	07/01/86
TE-57 ●	Guardrail Type 3, Thrie Beam	r 03/06/87
TE-58	Approach End Flare, One & Two Way Roadway	07/01/86
TE-59 ●	Trailing End Flare, One & Two Way Roadway	r 03/06/87
TE-60 ●	Anchor Block Details	07/01/86
TE-61 ●	Breakaway Cable Terminal (BCT)	r 03/06/87
TE-62 ●	Breakaway Cable Terminal (BCT)	07/01/86
TE-63	Guardrail Type 4 (Rigid Barrier)	r 03/06/87
TE-64	Portable Concrete Guardrail	r 03/06/87
TE-65	Reserved	07/01/86
TE-66 ●	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	07/01/86

DATE

\_\_\_\_

SURVEY PLOTTED BY

\_\_\_\_

ORIGINAL PLAN

\_\_\_\_

DESIGNED BY

\_\_\_\_

TRACED BY

\_\_\_\_

NOTE BOOK

\_\_\_\_

QUANTITIES BY

\_\_\_\_

CHECKED BY

\_\_\_\_

No.

\_\_\_\_

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

FARRINGTON HIGHWAY RESURFACING  
Kaukonahua Rd. Twd. Makaleha Bridge  
F.A. PROJ. NO. RS-0930(5)  
Date: Mar. 1987

SHEET No. 1 OF 1 SHEETS

03/06/87

REVISED STANDARD PLANS D-01, TE-09, TE-40, TE-50, TE-51, TE-57, TE-59, TE-61, TE-63 AND TE-64.

DATE

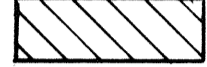


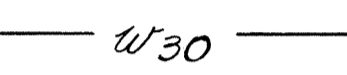
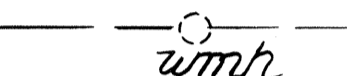
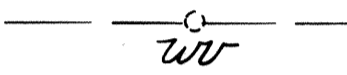
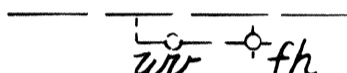
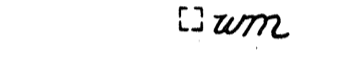

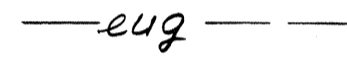
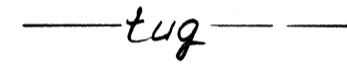
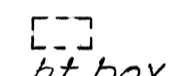

REVISION

GENERAL NOTES

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	RS-0930(5)	1987	3	37

- The project begins on Farrington Highway at Kaukonahua Road and proceeds toward Makaleha Bridge. Improvements include resurfacing existing pavement, reconstructing weakened pavement areas and earthen shoulder, modifying drainage facilities, installing metal guard-rail, signs and pavement markings, and relocating street lighting standard.
- The existence and location of utilities including manholes, conduits, and structures as shown on the plans are from the latest available data but is not guaranteed as to the accuracy or completeness. The Contractor shall be responsible for and pay for all damages to existing utilities resulting from his operations.
- The exact location and dimensions of reconstruction of weakened pavement areas shall be determined in the field by the Engineer. Areas shown on the plans are approximate only.
- Smooth riding connections shall be constructed at the beginning and end of project and at all connecting approaches as shown and as directed by the Engineer.
- The Contractor shall construct tapers at driveways and side-roads as shown and as directed by the Engineer. Payment for this work will be made under the asphalt concrete pavement item.
- Any irregular surface shall be brought to uniform grade and cross section prior to paving of existing pavements. All holes, cracks, depressions, and wheel ruts shall be filled and compacted with a leveling course of asphalt concrete, Mix No. I before paving. This work will be paid under the asphalt concrete pavement item.
- The Contractor shall pave the full travelway or total width of road-way each day so as not to leave a hazardous longitudinal pavement drop between lane passes of the paver.
- The Contractor shall keep all existing traffic lanes open to the public traffic during the peak traffic hours and periods of non-work. The peak hours are from 6:00 A.M. to 8:30 A.M. and from 3:30 P.M. to 5:30 P.M. The peak hours are subject to change by the Engineer.
- The Contractor shall notify in writing, MTL, Inc. two weeks prior to construction, informing them of work location and any temporary relocation of bus stop.
- Details and references to Type G Flare guardrail end treatment shall be applicable to Type G<sub>M</sub> Flare except that the G<sub>M</sub> Flare shall be constructed with a curvature to extend guardrail end away from the main travelled way. W Beam End Section (Rounded) shall be used as part of the Type G<sub>M</sub> Flare. Payment for Type G<sub>M</sub> Flare will be made under the Type 3 guardrail item.

LEGEND:

	Area Requiring Reconstruction of Weakened Pavement
M.P. 6.67	Milepoint
	Existing Utility Pole
	Existing U.S. Army Signal Corps Cable
	Existing Waterline
	Existing Water Manhole
	Existing Water Valve
	Existing Fire Hydrant
	Existing Water Meter
	Existing Gas Line
	Existing Electric Underground Line
	Existing Telephone Underground Line
	Existing Telephone Handhole
	Existing 55 Disk Monument

ORIGINAL PLAN	DATE
SURVEY PLOTTED BY	
DRAWN BY	
DESIGNED BY	
QUANTITIES BY	
CHECKED BY	
NOTE BOOK	
No.	

7-7-87	Revised General Note 8
DATE	REVISION
STATE OF HAWAII DEPARTMENT OF TRANSPORTATION HIGHWAYS DIVISION	
GENERAL NOTES & LEGEND	
FARRINGTON HIGHWAY RESURFACING KAUKONAHUA RD. TWD. MAKALEHA BRIDGE F.A. PROJ. NO. RS-0930(5)	
Date: Mar, 1987	
SHEET No. 1 OF 1 SHEETS	