

STANDARD PLANS SUMMARY

FED. ROAD DIST. NO.	STATE	FED-AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	72B-01-BBM	1988	2	6

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	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	09/01/87
TE-05	Warning Signs	07/01/86
TE-06	Miscellaneous Signs	09/01/87
TE-07	Reserved	07/01/86
TE-08	Construction Signs	09/01/87
TE-09	Miscellaneous Intersection Signs	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	09/01/87
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	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	03/06/87
TE-51	Metal Guardrail	09/01/87
TE-52	Metal Guardrail with Rubrail	07/01/86
TE-53	Metal Guardrail with Rubrail at Obstruction	09/01/87
TE-54	Beam Type Guardrail with Rubrail at Obstruction (Shoulder Installation)	09/01/87
TE-55	Metal Guardrail Connection to Concrete Barrier	09/01/87
TE-56	Concrete Barrier Transition	07/01/86
TE-57	Guardrail Type 3, Thrie Beam	09/01/87
TE-58	Approach End Flare, One & Two Way Roadway	07/01/86
TE-59	Trailing End Flare, One & Two Way Roadway	09/01/87
TE-60	Anchor Block Details	07/01/86
TE-61	Breakaway Cable Terminal (BCT)	03/06/87
TE-62	Breakaway Cable Terminal (BCT)	09/01/87
TE-63	Guardrail Type 4 (Rigid Barrier)	09/01/87
TE-64	Portable Concrete Guardrail	03/06/87
TE-65	Guardrail Type 4, Miscellaneous	09/01/87
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	09/01/87

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

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 AND TE-64.
DATE	REVISION

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

STANDARD PLANS SUMMARY

KALANIANA'OLE HWY. RESURFACING
Lunalilo Home Rd. to Nawiliwili St.
Proj. No. 72B-01-BBM

Date: Dec. 1987

SHEET NO. 1 OF 1 SHEETS

SURVEY PLOTTED BY _____ DATE _____

DESIGNED BY _____

NOTE BOOK _____

QUANTITIES BY _____

CHECKED BY _____

No. _____

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

GENERAL NOTES

1. The Scope of Work for this project consists of resurfacing existing pavement, adjusting utility manholes, pavement striping and installing pavement markers.
2. The Contractor's attention is directed to Subsection 107.13 - Public Convenience and Safety; Section 645 - Traffic Control of the Special Provisions and Subsection 107.21 - Contractor's Responsibility for Utility Property and Service for Hawaiian Electric Co., Hawaiian Telephone Co., Honolulu Gas Co., Board of Water Supply and Division of Wastewater Management.
3. At the end of each day's work, the Contractor shall remove all equipment and other obstructions to permit free and safe passage of public traffic.
4. The existence and location of underground utilities, manholes, conduits, monuments and structures as shown on the plans are from the latest available data but the accuracy is not guaranteed. The encountering of other obstacles during the course of the work is possible. The Contractor shall be held liable for any damages incurred to the existing facilities and/or improvements as a result of his operations.
5. The Contractor shall remove and dispose of all existing raised pavement markers prior to the overlaying of Asphalt Concrete. This work shall be considered incidental to Asphalt Concrete Pavement Mix No. V and will not be paid for separately.
6. All holes, depressions and wheel ruts shall be filled and compacted with Asphalt Concrete Pavement Mix No. V prior to resurfacing. This work will be paid for under Asphalt Concrete Pavement Mix No. V.
7. Smooth riding connections/pavement transitions shall be constructed at all limits of resurfacing including the beginning and end of project, connecting approaches, side streets and driveways as shown on the plans and/or as directed by the Engineer.
8. Utility manholes and pullboxes not shown on the plans that require adjustments shall be adjusted to conform to the new roadway elevation. Payment shall be made under the respective pay items.
9. The Contractor shall notify the State in writing and the Mass Transit Lines Inc., Customer and Public Relations Office at 537-9224 two (2) weeks and seven (7) days respectively prior to any paving operations.
10. The Contractor shall keep all lanes open to public traffic during the peak traffic hours of 5:30 a.m. to 8:30 a.m. and 3:00 p.m. to 6:30 p.m. and during periods of non-work. During peak traffic hours, the Contractor shall not perform any operations including, but not limited to, movement of equipment, machinery and materials. The peak traffic hours are subject to change by the Engineer. The Contractor's attention is directed to Section 107 of the Special Provisions for requirements regarding responsibility to the public.

FED. ROAD DIST. NO.	STATE	FED-AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	72B-01-88M	1988	3	6

STATE OF HAWAII DEPARTMENT OF TRANSPORTATION HIGHWAYS DIVISION
<u>GENERAL NOTES</u>
KALANIANA'OLE HWY. RESURFACING Lunalilo Home Rd. to Nawiliwili St. Proj. No 72B-01-88M
Date: Nov, 1987
SHEET No. 1 OF 1 SHEETS