

STANDARD PLANS SUMMARY

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	F - 064-1(2)	1987	2	151

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

- NOTES:
1. STATE STANDARD DETAILS REFERRED TO IN THESE PLANS SHALL REFER TO THE APPROPRIATE STANDARD PLANS.
2. 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

SAND ISLAND ROAD WIDENING
2ND BRIDGE AND APPROACHES
FEDERAL AID PROJECT NO. F-064-1(2)

SCALE: AS NOTED DATE: JUN, 1986

SHEET NO. T-2 OF 2 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

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HAWAII	HAW.	F-064-1(2)	1987	4	151

LEGEND

Existing

AC	Asphalt Concrete
c/o	Clean Out
CRM	Concrete Rubble Masonry
D _{16"}	Drainline
E	Electrical Line
EMH	Electrical Manhole
FH	Fire Hydrant
FM _{24"}	Force Main
FO	Fuel Oil Line
G	Gas Line
H.I.R.I. _{12"}	Hawaiian Independent Refinery, Inc. Line
H.E.Co.	Hawaiian Electric Company
H.T.Co.	Hawaiian Telephone Company
HW	Headwall
H.F.F.C. _{10"}	Honolulu Fuel Facilities Corp. Line
LP	Light Pole
MH	Manhole
PP	Power Pole
R/W	Right-of-Way
SFM _{24"}	Sewer Force Main
SMH	Sewer Manhole
S _{8"}	Sewerline
SHOC _{10"}	Shell Oil Company Line
SHOC MH	Shell Oil Company Manhole
SCC	Signal Corps Cable
SCMH	Signal Corps Manhole
Sig. Lt. or Sg. Lt.	Signal Light
Spr. Box	Sprinkler Box
SDMH	Storm Drain Manhole
ECP	Submarine Cable
Tr. Sig. Lt.	Traffic Signal Light
Ut. Box	Utility Box
Ut. Pole	Utility Pole

Existing (Con't.)

WMH	Water Manhole
WM	Water Meter
WV	Water Valve
WVB	Water Valve Box
W _{16"}	Waterline

New

CB	Catch Basin
Cu.	Copper
R-2 or B-6	Boring Location
DI	Drain Inlet
D _{24"}	Drainline
NPP	New Power Pole
PCC	Portland Cement Concrete
← ← ← ← ←	Drainage Pattern

DATE REVISION

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THIS WORK WAS PREPARED BY ME
OR UNDER MY SUPERVISION
Demis T. Shiu

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

LEGEND

SAND ISLAND ROAD WIDENING
2ND BRIDGE AND APPROACHES
FEDERAL AID PROJECT NO. F-064-1(2)

SCALE: AS NOTED DATE: JUN, 1986

SHEET No. 2 OF 2 SHEETS

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