

ORIGINAL PLAN

SURVEY PLOTTED BY \_\_\_\_\_ DATE \_\_\_\_\_

DESIGNED BY \_\_\_\_\_

NOTED BY \_\_\_\_\_

QUANTITIES BY \_\_\_\_\_

CHECKED BY \_\_\_\_\_

No. \_\_\_\_\_

ST-1-1.DWG 08:10 08/16/99 m:\dwg\6102-01\struct

# STANDARD PLANS SUMMARY

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	BR-019-2(48)	1999	2	15

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	r07/16/90
B-13	PRESTRESSED CONCRETE PILES	r07/16/90

D-01	CHAIN LINK FENCE WITH TOPRAIL	r03/06/87
D-02	CHAIN LINK FENCE WITHOUT TOPRAIL	r07/26/90
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 AND 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 FRAMES AND GRATES	07/01/86
H-15	61614B STEEL FRAMES AND GRATES	07/01/86
H-16	CONCRETE AND CEMENT RUBBLE MASONRY STRUCTURES	r10/16/90
H-17	INLET STRUCTURES	r10/16/90
H-18	FLARED END SECTION FOR CULVERTS	07/01/86
H-19	OUTLET STRUCTURES	r02/15/91
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	r10/16/90
H-23	HAT SHAPED COUPLING BAND	r10/16/90

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	r09/01/87
TE-05	WARNING SIGNS	07/01/86
TE-06	MISCELLANEOUS SIGNS	r11/03/89
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	SUPPORTS FOR GROUND MOUNTED GUIDE SIGN	r11/03/89
TE-24	BREAKAWAY SIGN SUPPORTS FOR GROUND MOUNTED 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	r05/09/90
TE-31	MISCELLANEOUS PAVEMENT MARKINGS	r05/09/90
TE-32	MISCELLANEOUS PAVEMENT MARKINGS	r05/09/90
TE-33	MISCELLANEOUS PAVEMENT MARKINGS	r11/03/89
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	r11/03/89
TE-39	TRAFFIC SIGNAL SYSTEM, MISCELLANEOUS DETAILS	07/01/86
TE-40	LOOP DETECTORS	r11/03/89
TE-41	PULLBOXES	07/01/86
TE-42	TYPE III TRAFFIC SIGNAL STANDARD	07/01/86
TE-43	CONCRETE PULLBOX (2'x3')	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 GUARD RAIL	r03/06/87
TE-51	METAL GUARD RAIL	r09/01/87
TE-52	METAL GUARD RAIL WITH RUBRAIL	r11/03/89
TE-53	METAL GUARD RAIL WITH RUBRAIL AT OBSTRUCTION	r09/01/87
TE-54	BEAM TYPE GUARDRAIL WITH RUBRAIL AT OBSTRUCTION (SHOULDER INSTSALLATION)	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	r07/18/94
TE-69	WHEELCHAIR RAMPS	r07/18/94

STATE OF HAWAII  
DEPARTMENT OF TRANSPORTATION  
HIGHWAYS DIVISION

STANDARD PLANS SUMMARY

SEISMIC RETROFIT OF VARIOUS BRIDGES  
VICINITY OF NORTH OF PAAULO  
FEDERAL AID PROJECT NO. BR-019-2(48)

Date: August 16, 1999

SHEET No. ST-1 OF 15 SHEETS