

SURVEY PLOTTED BY
DATE

DESIGNED BY
DATE

NOTED BY
DATE

CHECKED BY
DATE

ORIGINAL PLAN

NOTE BOOK

DATE

NO.

STANDARD PLANS SUMMARY

STANDARD PLAN NO.	TITLE	DATE
B-01	• NOTES & MISCELLANEOUS DETAILS	05/31/07
B-03	• BACKFILL DETAILS AT EARTH RETAINING STRUCTURES	05/31/07
B-12	• PRESTRESSED CONCRETE PILES & COMPRESSION SPLICE	05/31/07
	CAN DETAILS	
B-12A	• PRESTRESSED CONCRETE PILES, PILE & COMPRESSION	05/31/07
	SPLICE CAN DETAILS & NOTES	
B-12B	• PILE INTERACTION DIAGRAM	05/31/07
B-13	• PRESTRESSED CONCRETE PILE BUILD-UP DETAILS	05/31/07

D-01	• CATTLE GATE	05/31/07
D-02	• CHAIN LINK FENCE WITH TOPRAIL	05/31/07
D-03	• CHAIN LINK FENCE WITHOUT TOPRAIL	05/31/07
D-04	• WIRE FENCE WITH METAL POSTS	05/31/07
D-05	• TYPICAL DETAILS OF CURBS AND/OR GUTTERS	05/31/07
D-06	• TYPICAL DETAIL OF REINFORCED CONCRETE DROP DRIVEWAY	05/31/07
D-07	• CENTERLINE AND REFERENCE SURVEY MONUMENTS	05/31/07
D-08	• STREET SURVEY MONUMENT	05/31/07
D-15	• CONCRETE SIDEWALK	05/31/07
D-16	• P.C.C. BUS PAD	05/31/07
D-17	• P.C.C. BUS PAD	05/31/07
D-18	• P.C.C. PAVEMENT LAYOUT	05/31/07
D-19	• P.C.C. PAVEMENT W/ PERMEABLE BASE JOINT DETAILS	05/31/07
D-20	• P.C.C. PAVEMENT W/ PERMEABLE BASE JOINT DETAILS	05/31/07
D-21	• P.C.C. LONGITUDINAL JOINT DETAILS	05/31/07
D-22	• P.C.C. CONNECTION TO CURBS AND GUTTERS	05/31/07
D-23	• JOINTS	05/31/07

L-01	• TREE PLANTING	08/16/06
L-02	• TREE PLANTING	08/16/06
L-03	• TREE TRANSPLANTING	08/16/06
L-04	• PALM PLANTING	08/16/06
L-05	• SHRUB PLANTING	08/16/06
L-06	• LANDSCAPE DETAILS	08/16/06
L-07	• LANDSCAPE DETAILS	08/16/06
L-08	• LANDSCAPE DETAILS	08/16/06
L-09	• LANDSCAPE DETAILS	08/16/06
L-10	• LANDSCAPE DETAILS	08/16/06
L-11	• PLANTING NOTES	08/16/06
L-12	• IRRIGATION DETAILS	08/16/06
L-13	• IRRIGATION DETAILS	08/16/06
L-14	• IRRIGATION DETAILS	08/16/06
L-15	• IRRIGATION DETAILS	08/16/06
L-16	• IRRIGATION DETAILS	08/16/06
L-17	• IRRIGATION DETAILS	08/16/06
L-18	• IRRIGATION DETAILS	08/16/06
L-19	• IRRIGATION DETAILS	08/16/06
L-20	• IRRIGATION DETAILS	08/16/06
L-21	• IRRIGATION DETAILS	08/16/06
L-22	• IRRIGATION DETAILS	08/16/06
L-23	• IRRIGATION DETAILS	08/16/06
L-24	• IRRIGATION NOTES	08/16/06

STANDARD PLAN NO.	TITLE	DATE
H-01A	• TYPE A CATCH BASIN	05/31/07
H-01B	• TYPE B CATCH BASIN	05/31/07
H-01C	• TYPE C CATCH BASIN	05/31/07
H-01D	• TYPE D CATCH BASIN	05/31/07
H-01E	• CATCH BASIN SECTIONS	05/31/07
H-02A	• TYPE A1 CATCH BASIN	05/31/07
H-02B	• TYPE B2 CATCH BASIN	05/31/07
H-02C	• TYPE C1 CATCH BASIN	05/31/07
H-02D	• TYPE D1 CATCH BASIN	05/31/07
H-02E	• CATCH BASIN SECTION	05/31/07
H-03	• TYPE A,B, AND C STORM DRAIN MANHOLE	05/31/07
H-04	• TYPE D STORM DRAIN MANHOLE	05/31/07
H-05	• TYPICAL REINFORCING DETAILS FOR DRAINAGE STRUCTURES	05/31/07
H-06	• TYPICAL REINFORCING DETAILS FOR DRAINAGE STRUCTURES	05/31/07
H-07	• CATCH BASIN AND MANHOLE CASTINGS	05/31/07
H-08	• TYPE 1A-9 AND 1A-9P GRATED DROP INLET	05/31/07
H-09	• TYPE 2A-9 AND 2A-9P GRATED DROP INLET	05/31/07
H-10	• TYPE A-9 OR A-9P STEEL FRAMES	05/31/07
H-11	• TYPE A-9 AND A-9P STEEL GRATES	05/31/07
H-12	• TYPE 61614P AND 1211214P GRATED DROP INLET	05/31/07
H-13	• TYPE 61616P AND 1211216P GRATED DROP INLET	05/31/07
H-14	• TYPE 61214P GRATED DROP INLET	05/31/07
H-15	• TYPE 1211214, 1211214P, 1211216, 1211216P STEEL	05/31/07
	FRAME AND GRATES	
H-16	• TYPE 61614, 61614P, 61616, 61616P STEEL FRAME	05/31/07
	AND GRATES	
H-17	• TYPE 61214 STEEL FRAMES AND GRATES	05/31/07
H-18	• TYPE 61214P STEEL GRATES	05/31/07
H-19	• TYPE 61614B STEEL FRAME AND GRATES	05/31/07
H-20	• CEMENT RUBBLE MASONRY STRUCTURES	05/31/07
H-21	• CONCRETE AND CEMENT RUBBLE MASONRY STRUCTURES	05/31/07
H-22	• INLET/OUTLET STRUCTURE	05/31/07
H-23	• INLET/OUTLET STRUCTURE	05/31/07
H-24	• FLARED END SECTION FOR CULVERTS	05/31/07
H-25	• FLARED END SECTION FOR CULVERTS	05/31/07
H-26	• CONCRETE SPILLWAY INLET	05/31/07
H-27	• CAP COUPLING DETAILS STANDARD JOINT	05/31/07
H-28	• REINFORCED CONCRETE COLLAR & JACKET	05/31/07
H-29	• UNDERDRAIN CLEANOUT STEEL FRAME AND COVER	05/31/07
H-30	• UNDERDRAIN CONNECTION TO DRAINAGE STRUCTURE	05/31/07

TE-01	● SIGN HEIGHT AND LOCATION	07/11/08
TE-1A	● SIGN INSTALLATION	07/11/08
TE-02A	● GALVANIZED FLANGED CHANNEL SIGN POST MOUNTING	05/31/07
TE-02B	● GALVANIZED FLANGED CHANNEL SIGN POST MOUNTING	05/31/07
TE-02C	● GALVANIZED FLANGED CHANNEL SIGN POST MOUNTING	05/31/07
TE-03A	● GALVANIZED SQUARE TUBE SIGN POST MOUNTING	05/31/07
TE-03B	● GALVANIZED SQUARE TUBE SIGN POST MOUNTING	05/31/07
TE-04	• REGULATORY SIGNS	07/11/08
TE-05	• WARNING SIGNS	07/11/08
TE-06	• MISCELLANEOUS SIGNS	07/11/08
TE-07	● CONSTRUCTION SIGNS	07/11/08
TE-08	• MISCELLANEOUS INTERSECTION SIGNS	07/11/08

STANDARD PLAN NO.	TITLE	DATE
TE-09	• BIKE ROUTE SIGN & SUPPLEMENTARY PLATES	07/11/08
TE-10	• INTERSTATE ROUTE MARKER	07/11/08
TE-11	• STATE ROUTE MARKER AND AUXILIARY MARKERS	07/11/08
TE-12	• STATE ROUTE MARKER AND BORDER DETAIL FOR	07/11/08
	GUIDE SIGNS	
TE-12A	• ROUTE SIGN ASSEMBLIES	07/11/08
TE-13	• STREET NAME SIGN ON MAST ARM	07/11/08
TE-14	• MISCELLANEOUS REFLECTOR MARKERS	07/11/08
TE-15	● OBJECT MARKERS	07/11/08
TE-16	• MILE POSTS	07/11/08
TE-17A	• CANTILEVER OVERHEAD SIGN ELEVATION & DETAILS	05/31/07
TE-17B	• CANTILEVER SIGN FRAME DETAIL AND SECTION	05/31/07
TE-17C	• CANTILEVER SIGN FRAME DETAIL	05/31/07
TE-17D	• CANTILEVER SIGN FRAME SECTION	05/31/07
TE-17E	• CANTILEVER SIGN FRAME DETAILS	05/31/07
TE-18A	• TWO POST OVERHEAD SIGN FRAME ELEVATIONS	05/31/07
TE-18B	• TWO POST SIGN FRAMING PLAN SECTION	05/31/07
TE-18C	• TWO POST SIGN FRAMING SECTIONS AND DETAILS	05/31/07
TE-18D	• TWO POST SIGN FRAME DETAILS	05/31/07
TE-18E	• TWO POST SIGN FRAME DETAILS	05/31/07
TE-19A	• OVERHEAD SIGN FRAMING SCHEDULE	05/31/07
TE-19B	• SIGN POST DRILLED SHAFT FOUNDATION	05/31/07
TE-19C	• SPREAD FOOTING	05/31/07
TE-19D	• SIGN FRAME FOUNDATION SCHEDULE	05/31/07
TE-19D.1	• SIGN FRAME FOUNDATION SCHEDULE	05/31/07
TE-19D.2	• SIGN FRAME FOUNDATION SCHEDULE	05/31/07
TE-19D.3	• SIGN FRAME FOUNDATION SCHEDULE	05/31/07
TE-19D.4	• SIGN FRAME FOUNDATION SCHEDULE	05/31/07
TE-19D.5	• SIGN FRAME FOUNDATION SCHEDULE	05/31/07
TE-19E	• ANCHORAGE DETAILS	05/31/07
TE-19F	• ANCHORAGE DETAILS	05/31/07
TE-19G	• MISCELLANEOUS SIGN FRAME DETAILS	05/31/07
TE-19H	• LUMINAIRE WALKWAY SUPPORT	05/31/07
TE-19J	• FIXED MESSAGE LUMINAIRE SUPPORT	05/31/07
TE-19K	• MISCELLANEOUS SIGN DETAILS	05/31/07
TE-19L	• MISCELLANEOUS SIGN DETAILS	05/31/07
TE-19M	• MISCELLANEOUS SIGN FRAME DETAILS	05/31/07
TE-20	• SUPPORTS FOR GROUND MOUNTED GUIDE SIGN	05/31/07
TE-20A	• SUPPORTS FOR GROUND MOUNTED GUIDE SIGN	05/31/07
TE-20B	• SUPPORTS FOR GROUND MOUNTED GUIDE SIGN	05/31/07
TE-20C	• SUPPORTS FOR GROUND MOUNTED GUIDE SIGN	05/31/07
TE-21A	• SIGN BREAKAWAY MOUNTS	05/31/07
TE-21B	• SIGN BREAKAWAY MOUNTS	05/31/07
TE-22	• LAMINATED ALUMINUM SIGN PANELS (OVERHEAD)	05/31/07
TE-23	• LAMINATED ALUMINUM SIGN PANELS (GROUND MOUNTED)	07/11/08
TE-24	• SOLID ALUMINUM EXTRUDED SIGN PANEL AND	05/31/07
	ACCESSORY DETAILS	
TE-25	• GUIDE SIGNS LUMINAIRE MOUNTINGS	05/31/07
TE-26	● RAISED PAVEMENT MARKERS AND STRIPING	07/11/08
TE-27	● RAISED PAVEMENT MARKERS AND STRIPING	07/11/08
TE-28	• ENTRANCE AND EXIT PAVEMENT MARKINGS	07/11/08
TE-28A	• MISCELLANEOUS PAVEMENT MARKINGS	07/11/08
TE-29	• PAVEMENT ARROWS AND SYMBOLS	07/11/08
TE-30	• PAVEMENT ALPHABETS, NUMBERS & SYMBOLS	07/11/08
TE-31	• PAVEMENT ALPHABETS, NUMBERS & SYMBOLS	07/11/08

STANDARD PLAN NO.	TITLE	DATE
TE-32	• TYPE I & II TRAFFIC SIGNAL SYSTEM MISC. DETAILS	05/31/07
TE-33	• TYPE II TRAFFIC SIGNAL SYSTEM	08/16/06
TE-33A.1	• TYPE II TRAFFIC SIGNAL STANDARD	05/31/07
TE-33A.2	• TYPE II TRAFFIC SIGNAL STANDARD	05/31/07
TE-34	• LOOP DETECTOR DETAILS	07/11/08
TE-35	• LOOP DETECTORS & DUCT DETAILS	07/11/08
TE-36	• TRAFFIC SIGNAL DETAILS	07/11/08
TE-37	• PULLBOX & COVER DETAILS	07/11/08
TE-37A	• TYPE "A" TRAFFIC PULLBOX	05/31/07
TE-37B	• TYPE "A" TRAFFIC PULLBOX REINFORCING	05/31/07
TE-37C	• TYPE "B" TRAFFIC PULLBOX	05/31/07
TE-37D	• TYPE "B" TRAFFIC PULLBOX REINFORCING	05/31/07
TE-37E	• TYPE "B" TRAFFIC PULLBOX FOUNDATION	05/31/07
TE-37F	• TYPE "C" TRAFFIC PULLBOX	05/31/07
TE-37G	• TYPE "C" TRAFFIC PULLBOX REINFORCING	05/31/07
TE-37H	• TYPE "C" TRAFFIC PULLBOX FOUNDATION	05/31/07
TE-37J	• TRAFFIC PULLBOX COVER AND DETAILS	05/31/07
TE-38	• TYPE III TRAFFIC SIGNAL STANDARD	05/31/07
TE-38A.1	• TYPE III TRAFFIC SIGNAL STANDARD	05/31/07
TE-38A.2	• TYPE III TRAFFIC SIGNAL STANDARD	05/31/07
TE-39	• METAL GUARDRAIL CONNECTION TO CONCRETE BARRIER	07/11/08
TE-40	• CONCRETE BARRIER TRANSITION	05/31/07
TE-40A	• CONCRETE BARRIER TRANSITION SECTIONS	05/31/07
TE-41	• GUARDRAIL TYPE 4 (RIGID BARRIER)	05/31/07
TE-42	• PORTABLE CONCRETE BARRIER	05/31/07
TE-43	• PORTABLE CONCRETE BARRIER	05/31/07
TE-44	• GUARDRAIL TYPE 4 MISCELLANEOUS DETAILS	07/11/08
TE-45	• BARRICADES	07/11/08
TE-46	• DELINEATION & PAVEMENT MARKINGS AT NARROW BRIDGES	07/11/08
TE-47	• HIGHWAY LIGHT STANDARD	05/31/07

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

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION
STANDARD PLANS SUMMARY
EMERGENCY EARTHQUAKE
ROCKFALL REPAIRS
VARIOUS LOCATIONS ON HAWAII, UNIT 2
FEDERAL AID PROJECT NO. ER-15(20)
Date: NOVEMBER 2010