

STANDARD PLANS SUMMARY

FED. ROAD DIST. NO.	STATE	FEDERAL AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	ER-24(003)	2023	2	100

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 CAN DETAILS	05/31/07
B-12A -	PRESTRESSED CONCRETE PILES, PILE & COMPRESSION SPLICE CAN DETAILS & NOTES	05/31/07
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

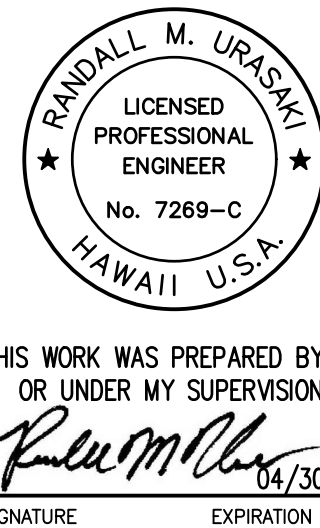
STANDARD PLAN NO.	TITLE	DATE
H-01A -	TYPE A CATCH BASIN	05/31/07
H-01B -	TYPE B CATCH BASIN	05/31/07
H-01C -	TYPE C CATCH BASIN	05/31/07
H-01D -	TYPE D CATCH BASIN	05/31/07
H-01E -	CATCH BASIN SECTIONS	05/31/07
H-02A -	TYPE A1 CATCH BASIN	05/31/07
H-02B -	TYPE B2 CATCH BASIN	05/31/07
H-02C -	TYPE C1 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 FRAME AND GRATES	05/31/07
H-16 ●	TYPE 61614, 61614P, 61616, 61616P STEEL FRAME AND GRATES	05/31/07
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 GUIDE SIGNS	07/11/08
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 -	CENTILEVER SIGN FRAME DETAIL AND SECTION	05/31/07
TE-17C -	CANTILEVER SIGN FRAME DETAIL	05/31/07
TE-17D -	CENTILEVER SIGN FRAME SECTION	05/31/07
TE-17E -	CENTILEVER 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 ACCESSORY DETAILS	05/31/07
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

STANDARD PLAN NO.	TITLE	DATE
TE-31 -	PAVEMENT ALPHABETS, NUMBERS & SYMBOLS	07/11/08
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

KUHIO HIGHWAY
Emergency Slope Stabilization
for Hanalei Hills and Waikoko
F.A.P. Project No. ER-24(003)

Scale: None Date: Sept. 2022

SHEET No. N-1 OF 7 SHEETS