

DEPARTMENT OF PUBLIC WORKS
STANDARD PLANS SUMMARY

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAWAII	STP-3100(016)	2021	2	62

PART 1 - ROADS AND STREETS

SHEET NO.	DESCRIPTION	DATE
R-1	PRE-CAST CONCRETE CURB	SEPT. 1984
R-2	PRE-CAST CONCRETE DRIVEWAY CURB	SEPT. 1984
R-3	PRE-CAST CONCRETE DROP CURB BLOCK	SEPT. 1984
R-4	INTEGRAL CURB AND GUTTER, INTEGRAL DRIVEWAY CURB & GUTTER	JAN. 1995
R-4A	INTEGRAL CURB AND GUTTER, INTEGRAL DRIVEWAY CURB AND GUTTER FOR R/W OF 70' OR MORE	JAN. 1995
R-5	ROLLED CURB	SEPT. 1984
R-6	ROLLED CURB TRANSITION TO CURBS AND CATCH BASINS	SEPT. 1984
R-7	DRIVEWAY APRON WITH ROLLED CURB	SEPT. 1984
R-8	THRU GUTTER	SEPT. 1984
R-9	CONCRETE PAVEMENT	SEPT. 1984
R-10	CONCRETE PAVEMENT JOINT DETAILS	SEPT. 1984
R-11	CONCRETE PAVEMENT JOINT DETAILS	SEPT. 1984
R-12	STREET SURVEY MONUMENT	SEPT. 1984
R-13	STREET SURVEY MONUMENT CASTINGS	SEPT. 1984
R-14	CENTERLINE MONUMENT	SEPT. 1984
R-15	TEMPORARY WOODEN BARRICADE	SEPT. 1984
R-16	SIDEWALK REINFORCEMENT DETAILS AT UTILITY BOXES OR OPENINGS	SEPT. 1984
R-17	TREE WELL WITH CONCRETE COVER	SEPT. 1984
R-18	3' OR 4' CHAIN LINK FENCE	SEPT. 1984
R-19	6' CHAIN LINK FENCE	SEPT. 1984
R-20	TYPICAL SINGLE GATE	SEPT. 1984
R-21A	TYPICAL DOUBLE GATE SUPERCEDES R-21 SEPT 1984 WITH MARCH 1991	MARCH 1991
R-22	METAL GUARDRAIL DETAILS	SEPT. 1984
R-23	METAL GUARDRAIL DETAILS	SEPT. 1984
R-24	METAL GUARDRAIL DETAILS	SEPT. 1984
R-25	WHEELCHAIR RAMP (SEE R-63)	SEPT. 1992
R-25A	CURB RAMP	APRIL 2000
R-26	PRIVATE DRIVEWAY RAMP	SEPT. 1984
R-27	FULL-WIDTH SIDEWALK AT CURB RETURN	SEPT. 1984
R-28	SIDEWALK DETAILS	SEPT. 1984
R-29	DRIVEWAY APRON	SEPT. 1984
R-29A	DRIVEWAY APRON	APRIL 2000
R-30	DRIVEWAY LAYOUT	SEPT. 1984
R-31	GRADE ADJUSTMENT WALLS	SEPT. 1984
R-32	STREET CROSS-SECTIONS WITH SIDEWALK	SEPT. 1984
R-33	STREET CROSS-SECTIONS WITHOUT SIDEWALK	SEPT. 1984
R-34	ROAD PAVEMENT AND SHOULDERS	SEPT. 1984
R-35	TYPICAL ROADWAY UTILITY LOCATION WITH SIDEWALK	SEPT. 1984
R-36	TYPICAL ROADWAY UTILITY LOCATION WITHOUT SIDEWALK	SEPT. 1984
R-37	RESIDENTIAL DRIVEWAY WITHOUT CURB AND GUTTER	SEPT. 1984
R-38	DRIVEWAY LAYOUT	SEPT. 1984
R-39	NON-DEDICABLE STREETS	SEPT. 1984
R-40	DRY WELL COVER	SEPT. 1984
R-41	STREET CROSS-SECTIONS WITH CURB AND GUTTER	SEPT. 1984
R-42	STREET CROSS-SECTIONS WITHOUT CURB AND GUTTER	SEPT. 1984
R-43	ROAD PAVEMENTS AND SHOULDERS	SEPT. 1984
R-44	CUL-DE-SAC	SEPT. 1984
R-45	TAPERED ROAD INTERSECTION	SEPT. 1984
R-46	TYPICAL ROADWAY UTILITY LOCATION	SEPT. 1984
R-47	SPACE ALLOCATION FOR UNDERGROUND UTILITIES	SEPT. 1984
R-48	RESIDENTIAL DRIVEWAY WITHOUT CURB AND GUTTER	SEPT. 1984
R-49	DRIVEWAY LAYOUTS FOR CONCRETE CURB STREETS	SEPT. 1984
R-50	DRIVEWAY LAYOUTS FOR NON-CURB STREETS	SEPT. 1984
R-51	CONCRETE DRIVEWAY WITH EXISTING SIDEWALK	SEPT. 1984
R-52	ROADWAY TYPICAL SECTIONS	SEPT. 1984
R-53	ROADWAY TYPICAL SECTIONS	SEPT. 1984
R-54	ROADWAY TYPICAL SECTIONS	SEPT. 1984
R-55	ROADWAY SWALES	SEPT. 1984
R-56	SIDEWALK DETAILS	SEPT. 1984
R-57	CUL-DE-SAC	SEPT. 1984
R-58	SPACE ALLOCATION FOR UNDERGROUND UTILITIES	SEPT. 1984
R-59	SPACE ALLOCATION FOR UNDERGROUND UTILITIES	SEPT. 1984
R-60	TYPICAL ROADWAY UTILITY LOCATION	—
R-61	DRIVEWAY APRON W/SIDEWALK @ CURB LINE	MARCH 2007
R-62	DRIVEWAY APRON W/SIDEWALK @ PROPERTY LINE	MARCH 2007
R-63	CURB RAMP	FEB. 2001

PART 2 - STORM DRAINS

SHEET NO.	DESCRIPTION	DATE
D-1	TYPE "A" CATCH BASIN	SEPT. 1984
D-2	TYPE "A" CATCH BASIN REINFORCEMENT DETAILS	SEPT. 1984
D-3	TYPE "E" CATCH BASIN	SEPT. 1984
D-4	TYPE "E" CATCH BASIN REINFORCEMENT DETAILS	SEPT. 1984
D-5	TYPE "B" CATCH BASIN	SEPT. 1984
D-6	TYPE "B" CATCH BASIN REINFORCEMENT DETAILS	SEPT. 1984
D-7	TYPE "F" CATCH BASIN	SEPT. 1984
D-8	TYPE "F" CATCH BASIN REINFORCEMENT DETAILS	SEPT. 1984
D-9	TYPE "C" CATCH BASIN	SEPT. 1984
D-10	TYPE "C" CATCH BASIN REINFORCEMENT DETAILS	SEPT. 1984
D-11	TYPE "D" CATCH BASIN	SEPT. 1984
D-12	TYPE "D" CATCH BASIN REINFORCEMENT DETAILS	SEPT. 1984
D-13	CATCH BASIN DETAILS	SEPT. 1984
D-14	DETAILS FOR CATCH BASIN WITH 5" CURB	SEPT. 1984
D-15	DEFLECTOR INLET FOR CATCH BASIN	SEPT. 1984
D-16	MONOLITHIC CONSTRUCTION OF CATCH BASIN TOP SLAB AND SIDEWALK	SEPT. 1984
D-17	SHALLOW DRAIN MANHOLE FOR SIDEWALK AREA	SEPT. 1984
D-18	SHALLOW DRAIN MANHOLE FOR PAVEMENT AREA	SEPT. 1984
D-19	PRE-CAST TOP SLAB FOR SHALLOW DRAIN MANHOLE	SEPT. 1984
D-20	CONCRETE WALL DRAIN MANHOLE	SEPT. 1984
D-21	BRICK WALL DRAIN MANHOLE	SEPT. 1984
D-22	PRE-CAST CONCRETE DRAIN MANHOLE (REPLACED SEPT 1984 WITH MARCH 1994)	MARCH 1994
D-23	PRE-CAST CONCRETE DRAIN MANHOLE DETAILS	SEPT. 1984
D-24	PRE-CAST CONCRETE DRAIN MANHOLE DETAILS	SEPT. 1984
D-25	PRE-CAST CONCRETE DRAIN MANHOLE DETAILS	SEPT. 1984
D-26	CHANNELIZING DETAILS FOR DRAIN MANHOLE	SEPT. 1984
D-27	RUNGS FOR CATCH BASINS AND MANHOLES	SEPT. 1984
D-28	TYPE "DA" FRAME FOR CATCH BASIN AND MANHOLE	SEPT. 1984
D-29	TYPE "DB" FRAME FOR CATCH BASIN AND MANHOLE	SEPT. 1984
D-30	CATCH BASIN AND MANHOLE COVER	SEPT. 1984
D-31	PAVEMENT TRENCH WIDTH AND REPAVING FOR DRAIN PIPES	SEPT. 1984
D-32	SIDEWALK CULVERT	SEPT. 1984
D-33	DRIVEWAY DRAINAGE - BOX CULVERT	SEPT. 1984
D-34	DRIVEWAY DRAINAGE - PIPE CULVERT	SEPT. 1984
D-35	DRIVEWAY DRAINAGE - SWALE	SEPT. 1984
D-36	TYPE G1 AND TYPE G2 DRAINAGE INLETS	SEPT. 1984
D-37	TYPE G3 DRAINAGE INLET	SEPT. 1984
D-38	TYPE G4 DRAINAGE INLET	SEPT. 1984
D-39	STANDARD FRAME AND GRATE	SEPT. 1984
D-40	LOCAL DEPRESSION WITHOUT CURB AND GUTTER	SEPT. 1984
D-41	JUNCTION STRUCTURE B	SEPT. 1984
D-42	JUNCTION STRUCTURE C	SEPT. 1984
D-43	JUNCTION STRUCTURE D	SEPT. 1984
D-44	MONOLITHIC CATCH BASIN CONNECTION FOR PIPES 12" TO 72"	SEPT. 1984
D-45	CONCRETE COLLAR DETAILS	SEPT. 1984
D-46	SINGLE BOX CULVERTS	SEPT. 1984
D-47	DOUBLE BOX CULVERTS	SEPT. 1984
D-48	TRIPLE BOX CULVERTS	SEPT. 1984
D-49	RECTANGULAR TRANSITION	SEPT. 1984
D-50	CIRCULAR TRANSITION	SEPT. 1984
D-51	PARAPET DETAILS FOR BOX CULVERTS	SEPT. 1984
D-52	SUPPORT FOR DRAIN AND SEWER PIPES ACROSS TRENCHES	SEPT. 1984

PART 3 - SEWERS

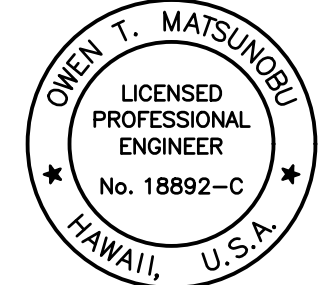
SHEET NO.	DESCRIPTION	DATE
S-1	ROCK CRADLE FOR SEWER PIPE	SEPT. 1984
S-2	CONCRETE CRADLE FOR VITRIFIED CLAY PIPE	SEPT. 1984
S-3	METHOD OF LAYING PIPE	SEPT. 1984
S-4	PRE-CAST CONCRETE PIPE BLOCK	SEPT. 1984
S-5	CONCRETE JACKET, REINFORCED CONCRETE CRADLE	SEPT. 1984
S-6	LATERALS	SEPT. 1984
S-7	ADVANCE RISER CONNECTION	SEPT. 1984
S-8	METHOD OF BACKFILL	SEPT. 1984
S-9	CHIMNEY	SEPT. 1984
S-10	INDEX TO SEWER MANHOLE DETAILS	SEPT. 1984
S-11	MANHOLE NOTES	SEPT. 1984
S-12	MANHOLE NOTES	SEPT. 1984
S-13	PRE-CAST CONCRETE PLAIN MANHOLE	SEPT. 1984
S-14	PRE-CAST CONCRETE PLAIN MANHOLE - SECTION AND ALTERNATE BASE	SEPT. 1984
S-15	PRE-CAST CONCRETE SHALLOW DROP MANHOLE	SEPT. 1984
S-16	PRE-CAST CONCRETE SHALLOW DROP MANHOLE - BUTT JOINT DETAILS	SEPT. 1984
S-17	PRE-CAST CONCRETE DROP MANHOLE	SEPT. 1984
S-18	PRE-CAST CONCRETE DROP MANHOLE - SECTIONS	SEPT. 1984
S-19	PRE-CAST CONCRETE PLAIN MANHOLE FOR 27" TO 48" R.C. PIPE	SEPT. 1984
S-20	PRE-CAST CONCRETE PLAIN MANHOLE FOR 27" TO 48" R.C. PIPE - SECTION	SEPT. 1984
S-21	PRE-CAST CONCRETE MANHOLE WALL	SEPT. 1984
S-22	PRE-CAST CONCRETE ECCENTRIC MANHOLE CONE	SEPT. 1984
S-23	PRE-CAST CONCRETE MANHOLE WALL TO BRICK WALL ADAPTER RING	SEPT. 1984
S-24	PRE-CAST CONCRETE MANHOLE WALL JOINTS	SEPT. 1984
S-25	PRE-CAST CONCRETE MANHOLE - DETAIL AT TOP RUNG	SEPT. 1984
S-26	BRICK MANHOLE	SEPT. 1984
S-27	PLAIN MANHOLE	SEPT. 1984
S-28	SHALLOW DROP MANHOLE	SEPT. 1984
S-29	DROP MANHOLE	SEPT. 1984
S-30	DROP MANHOLE - SECTIONS	SEPT. 1984
S-31	MANHOLE COVER - TYPE SA	SEPT. 1984
S-32	MANHOLE FRAME - TYPE SA	SEPT. 1984
S-33	MANHOLE COVER - TYPE SB, TOP VIEW	SEPT. 1984
S-34	MANHOLE COVER - TYPE SB, BOTTOM VIEW	SEPT. 1984
S-35	MANHOLE FRAME - TYPE SB	SEPT. 1984
S-36	MODIFIED TYPE SB PRESSURE MANHOLE FRAME AND COVER	SEPT. 1984
S-37	PRESSURE MANHOLE COVER - TYPE SC	SEPT. 1984
S-38	PRESSURE MANHOLE COVER - TYPE SC	SEPT. 1984
S-39	PRESSURE MANHOLE FRAME AND COVER - TYPE SC	SEPT. 1984
S-40	MANHOLE FRAME - TYPE SD	SEPT. 1984
S-41	DROP MANHOLE CHIMNEY CASTING	SEPT. 1984
S-42	MANHOLE RUNG DETAILS - TYPE SA	SEPT. 1984
S-43	MANHOLE RUNG DETAILS - TYPE SC	SEPT. 1984
S-44	MANHOLE RUNG DETAILS - TYPE SD	SEPT. 1984
S-45	MANHOLE RUNG DETAILS - TYPE SE	SEPT. 1984
S-46	MANHOLE RUNG DETAILS - TYPE SF	SEPT. 1984
S-47	PVC PIPE - BEDDING REQUIREMENTS	SEPT. 1984
S-48	PVC PIPE - RESILIENT MANHOLE CONNECTION	SEPT. 1984

PART 4 - SEWER PUMP STATIONS & TREATMENT PLANTS

SHEET NO.	DESCRIPTION	DATE
P-1	BACKFLOW PREVENTER	SEPT. 1984
P-2	FENCE AND GATE DETAILS	SEPT. 1984
P-3	OIL SEALS AND RELATED PIPING	SEPT. 1984
P-4	OIL SEALS AND RELATED PIPING	SEPT. 1984
P-5	OIL SEALS AND RELATED PIPING	SEPT. 1984
P-6	REMOVABLE POST AND CHAIN DETAILS	SEPT. 1984
P-7	REMOVABLE RAILING DETAILS	SEPT. 1984
P-8	TYPICAL WALL SLEEVE	SEPT. 1984
P-9	SPRINKLER VALVE CONTROL	SEPT. 1984
P-10	MOTOR SHAFT AND COUPLING	SEPT. 1984
P-11	TYPICAL PUMP MOTOR DRIVE SHAFT GUARD	SEPT. 1984
P-12	TYPICAL PUMP COUPLING GUARD	SEPT. 1984
P-13	TYPICAL HORIZONTAL SHAFT GUARD NO. 1	SEPT. 1984
P-14	TYPICAL HORIZONTAL SHAFT GUARD NO. 2	SEPT. 1984
P-15	SAFETY GUARD GENERAL NOTES	SEPT. 1984
P-16	1-1/2" STAND PIPE DETAIL	SEPT. 1984

PART 5 - TRAFFIC

SHEET NO.	DESCRIPTION	DATE
T-1	STREET NAME AND STOP SIGN DETAILS	SEPT. 1984
T-2	HEIGHT AND LATERAL LOCATION OF SIGN	SEPT. 1984
T-3	TYPICAL LOCATIONS FOR STOP SIGNS	SEPT. 1984
T-4	TYPICAL DETAIL FOR CROSSWALK AND STOP LINES	SEPT. 1984
T-5	TYPICAL SIGN INSTALLATIONS IN CUL-DE-SACS	SEPT. 1984
T-6	ROAD MARKER	SEPT. 1984
T-7	RAISED PAVEMENT MARKERS	SEPT. 1984
T-8	TYPICAL INSTALLATION OF RAISED PAVEMENT MARKERS	SEPT. 1984
T-9	TYPICAL INTERSECTION DETAIL FOR STRIPING	SEPT. 1984
T-10	STRIPING DETAILS	SEPT. 1984
T-11	STREET NAME AND STOP SIGN DETAILS	SEPT. 1984
T-12	PARKING DESIGN STANDARD, ONE-WAY TRAFFIC	SEPT. 1984
T-13	PARKING DESIGN STANDARD, TWO-WAY TRAFFIC	SEPT. 1984
T-14	STANDARD STREET NAME SIGN	SEPT. 1984
T-15	STREET NAME AND STOP SIGN DETAIL	JULY 2000
T-16	PER CARY YAMASHITA - PAGE T-16 WAS NOT ISSUED	—
T-17	ACCESSIBLE PARKING STALLS	MAY 1997
T-18	SIGNS FOR ACCESSIBLE PARKING STALLS	MARCH 1999
T-19	TYPICAL DETAIL FOR CROSSWALK AND STOP LINES	JULY 1999
T-20	CROSSWALK STRIPING DETAIL	MAY 1999
T-21	ACCESSIBLE PARKING STALLS	MAY 1999
T-22	SIGNS FOR ACCESSIBLE PARKING STALLS	JULY 2000
T-23	SPEED HUMPS	SEPT. 1999

			SHT. ____ OF ____		
REVISION NO.	SYM.	DESCRIPTION	SHT. ____ OF ____	DATE	APPROVED
		DEPARTMENT OF PUBLIC WORKS COUNTY OF MAUI			
		SOUTH KIHAI ROAD PAVEMENT REHABILITATION KIHAI, MAUI, HAWAII			
		STANDARD PLAN SUMMARY			
THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION, AND CONSTRUCTION OF THIS PROJECT WILL BE UNDER MY OBSERVATION AS DEFINED IN HAR 16-115-2.		FUKUMOTO ENGINEERING, INC.		JOB NO.	DRAWING NO.
		DESIGNED BY: O.M.	CHECKED BY: M.S.	STP-3100(016)	C-01
		DRAWN BY: C.C./N.M.	APPROVED BY: M.S.	DATE OCT. 2020	SHEET 2 OF 62 SHTS
LICENSE EXPIRES: 04/30/2022		SCALE: AS NOTED			

STATE HIGHWAY
STANDARD PLANS SUMMARY

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAWAII	STP-3100(016)	2021	3	62

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 AND COMPRESSION SPLICE CAN DETAILS AND NOTES	05/31/07
B-12B	PILE INTERACTION DIAGRAM	05/31/07
B-13	PRESTRESSED CONCRETE PILE BUILD-UP DETAILS	05/31/07

STANDARD PLAN NO.	TITLE	DATE
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	5/31/07
D-08	STREET SURVEY MONUMENT	5/31/07
D-15	CONCRETE SIDEWALK	5/31/07
D-16	P.C.C. BUS PAD	5/31/07
D-17	P.C.C. BUS PAD	5/31/07
D-18	P.C.C. PAVEMENT LAYOUT	5/31/07
D-19	P.C.C. PAVEMENT W/ PERMEABLE BASE JOINT DETAILS	5/31/07
D-20	P.C.C. PAVEMENT W/ PERMEABLE BASE JOINT DETAILS	5/31/07
D-21	P.C.C. LONGITUDINAL JOINT DETAILS	5/31/07
D-22	P.C.C. CONNECTION TO CURBS AND GUTTERS	5/31/07
D-23	JOINTS	5/31/07

STANDARD PLAN NO.	TITLE	DATE
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 B1 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 SECTIONS	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 A9P 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 61614P AND 1211214P GRATED DROP INLET	5/31/07
H-14	TYPE 61214P GRATED DROP INLET	5/31/07
H-15	TYPE 1211214, 1211214P, 1211216, 1211216P STEEL FRAME AND GRATES	5/31/07
H-16	TYPE 61614, 61614P, 61616, 61616P STEEL FRAME AND GRATES	5/31/07
H-17	TYPE 61214 STEEL FRAMES AND GRATES	5/31/07
H-18	TYPE 61214P STEEL GRATES	5/31/07
H-19	TYPE 61614B STEEL FRAME AND GRATES	5/31/07
H-20	CEMENT RUBBLE MASONRY STRUCTURES	5/31/07
H-21	CONCRETE AND CEMENT RUBBLE MASONRY STRUCTURES	5/31/07
H-22	INLET/OUTLET STRUCTURE	5/31/07
H-23	INLET/OUTLET STRUCTURE	5/31/07
H-24	FLARED END SECTION FOR CULVERTS	5/31/07
H-25	FLARED END SECTION FOR CULVERTS	5/31/07
H-26	CONCRETE SPILLWAY INLET	5/31/07
H-27	CAP COUPLING DETAILS STANDARD JOINT	5/31/07
H-28	REINFORCED CONCRETE COLLAR & JACKET	5/31/07
H-29	UNDERDRAIN CLEANOUT STEEL FRAME AND COVER	5/31/07
H-30	UNDERDRAIN CONNECTION TO DRAINAGE STRUCTURE	5/31/07

STANDARD PLAN NO.	TITLE	DATE
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 SINGS	07/11/08
TE-07	● CONSTRUCTION SIGNS	07/11/08
TE-08	MISCELLANEOUS INTERSECTION SIGNS	07/11/08
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	SATE 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	MILEPOSTS	07/11/08
TE-17A	CANTILEVER OVERHEAD SIGN ELEVATION & DETAILS	05/31/07
TE-17B	CANTILEVER SIGN FRAME DETAIL AND SECTIONS	05/31/07
TE-17C	CANTILEVER SIGN FRAME DETIAL	05/31/07
TE-17D	CANTILEVER SIGN FRAME SECTIONS	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)	07/11/08
TE-23	LAMINATED ALUMINUM SIGN PANELS (GROUND MOUNTED)	05/31/07
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
TE-31	● PAVEMENT ALPHABETS, NUMBERS & SYMBOLS	07/11/08
TE-32	TYPE I & II TRAFFIC SIGNAL SYSTEM MISCELLANEOUS 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

STANDARD PLAN NO.	TITLE	DATE
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 TRANSTION	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	05/31/07
TE-47	HIGHWAY LIGHT STANDARD	---

			SHT. ____ OF ____				
REVISION NO.	SYM.	DESCRIPTION	SHT. ____ OF ____	DATE	APPROVED		
OWEN T. MATSUNOBU LICENSED PROFESSIONAL ENGINEER No. 18892-C HAWAII, U.S.A. THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION, AND CONSTRUCTION OF THIS PROJECT WILL BE UNDER MY OBSERVATION AS DEFINED IN HAR 16-115-2. LICENSE EXPIRES: 04/30/2022			DEPARTMENT OF PUBLIC WORKS COUNTY OF MAUI				
			SOUTH KIHAI ROAD PAVEMENT REHABILITATION KIHAI, MAUI, HAWAII				
			STANDARD PLAN SUMMARY				
			FUKUMOTO ENGINEERING, INC.		JOB NO.	DRAWING NO.	
			DESIGNED BY: O.M.	CHECKED BY: M.S.	STP-3100(016)	C-02	
DRAWN BY: C.C./N.M.	APPROVED BY: M.S.	DATE OCT. 2020	SHEET 3 OF 62 SHTS				
SCALE: AS NOTED							