

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-030-1(35)R	2006	3	79

LEGEND

NEW

- OVERHEAD ELEC. LINE
- UNDERGROUND TEL. LINE
- SEWER FORCE MAIN AND SIZE
- SEWER LINE AND SIZE
- DRAINLINE AND SIZE
- WATERLINE AND SIZE
- LIMITS OF GRADING
- FIRE HYDRANT
- WATER VALVE
- WATER METER
- WATER MANHOLE
- SEWER MANHOLE
- CATCH BASIN
- ELECTRIC BOX
- TELEPHONE BOX
- SPRINKLER BOX
- CATV BOX
- MXU PAD
- SVC POLE
- HEADWALL
- POWER POLE, GUY ANCHOR
- GUARD RAIL
- PAVEMENT STRIPING
- PAVEMENT ARROW
- CROSSWALK
- SPOT ELEVATION
- DIRECTION OF SURFACE FLOW
- PROPERTY LINE
- SLOPE GRADING

EXISTING

- E/OHE
- E/UGT
- FM7
- S8
- ED42
- EW12
- FH
- WV
- WM
- WMH
- SMH
- CB
- ELEC. BOX
- TEL. BOX
- SPR. BOX 44.68
- CATV BOX
- MXU PAD
- SVC POLE
- GA
- PP#5
- GUARD RAIL
- PAVEMENT STRIPING
- PAVEMENT ARROW
- CROSSWALK
- SPOT ELEVATION
- DIRECTION OF SURFACE FLOW
- PROPERTY LINE
- SLOPE GRADING

ABBREVIATIONS

- | | | | | | |
|-------------|----------------------------|--------|---|-----------|--------------------------------|
| Δ | Delta | FH | Fire Hydrant | R | Radius |
| & | And | FIN | Finished | RD. | Road |
| @ | At | FL | Flow Line | REFL. | Reflector |
| A.C. OR A/C | Asphalt Concrete | FT | Feet | REINF. | Reinforced Or Reinforcement |
| ADJ. | Adjust | GA | Guy Anchor | RP | Radius Point |
| ARV | Air Relief Valve | G.D.I. | Grated Drain Inlet | RT | Right |
| ASSY. | Assembly | GRD. | Grade | R.O.W. | Right-of-way |
| AZ | Azimuth | GRP | Grouted Rubble Paving | S | Slope |
| Ø | Baseline | G.V. | Gate Valve | SDMH | Storm Drain Manhole |
| BB | Begin Bridge | HT. | Height | Se | Super Elevation |
| BC | Bottom Curb | HGL | Hydraulic Grade Line | SF | Square Foot |
| BEG | Begin | HORIZ | Horizontal | SHT | Sheet |
| BLDG. | Building | HP | High Point | SPR. | Sprinkler |
| BLK. | Block | INTER. | Intersection | ST. | Street |
| BOTT | Bottom | INV | Invert Elevation | STA | Station |
| BVC | Begin Vertical Curve | LAT. | Lateral | STD | Standard |
| CATV | Cable Television | LC | Length Of Curve | STRUCT. | Structure |
| C.B. | Catch Basin | LEN | Length | SVC. | Service |
| CH | Chord Length | LF | Lineal Feet | S/W | Sidewalk |
| CL | Centerline | LP | Light Pole | T | Tangent |
| C.L. | Chain Link | LP | Low Point | TBOX | Telephone Box |
| CLR. | Clear | LT | Left | TC | Top Curb |
| CLVRT. | Culvert | MAX | Maximum | TEL | Telephone |
| CMU | Concrete Masonry Unit | MIN | Minimum | TEMP | Temporary |
| CONC | Concrete | MH | Manhole | THH | Telephone Handhole |
| CONT | Continuation Or Continuous | MECO | Maui Electric Co. | THK. | Thick |
| CRM | Concrete Rubble Masonry | MON | Monument | TRAV. | Traverse |
| COL. | Column | NO. | Number | TYP | Typical |
| C.O. | Clean Out | O.C. | On Center | V.B. | Valve Box |
| Ø, D | Diameter | O.D. | Outside Diameter | V.C. | Vertical Curve |
| DBL. | Double | O/S | Offset | VERT | Vertical |
| DET. | Detail | PAV'T | Pavement | VPI | Vertical Point Of Intersection |
| D.I. | Drain Inlet | PC | Point Of Curvature | W | Wide |
| D/L | Drain Line | PCC | Point Of Compound Curve | W/ | With |
| DMH | Drain Manhole | PED | Pedestrian | W/L OR WL | Water Line |
| DWY. OR D/W | Driveway | PI | Point Of Intersection | WM | Water Meter |
| EA | Each | PINC | Point Of Intersection On Vertical Curve | WMH | Water Manhole |
| EB | End Bridge | PL. | Place | WV | Water Valve |
| EG | Electric Handhole | R | Property Line | | |
| ELEC. | Electric | PP | Power Pole | | |
| ELEV. OR EL | Elevation | PT | Point Of Tangency | | |
| EQ | Equal | PVC | Polyvinyl Chloride | | |
| EXIST. | Existing | | | | |
| EP | Edge Of Pavement | | | | |
| EVC | End Vertical Curve | | | | |



THIS WORK WAS PREPARED BY ME
OR UNDER MY SUPERVISION
T. S. Arashiro
Signature
EXPIRATION DATE OF LICENSE:
APRIL 30, 2008

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

LEGEND AND
ABBREVIATIONS

HONOAPIILANI HIGHWAY REALIGNMENT, PHASE 1A

Future Keawe Street Extension
to Lahainaluna Road

Federal Aid Project No. NH-030-1(35)R

Scale: As Noted Date: April 2006