# STATE ROUTE SYSTEM

## COUNTY OF KAUAI

ISLAND OF KAUAI

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION

PREPARED BY THE HIGHWAYS DIVISION, PLANNING BRANCH
IN COOPERATION WITH THE U.S. DEPARTMENT OF TRANSPORTATION,
FEDERAL HIGHWAY ADMINISTRATION

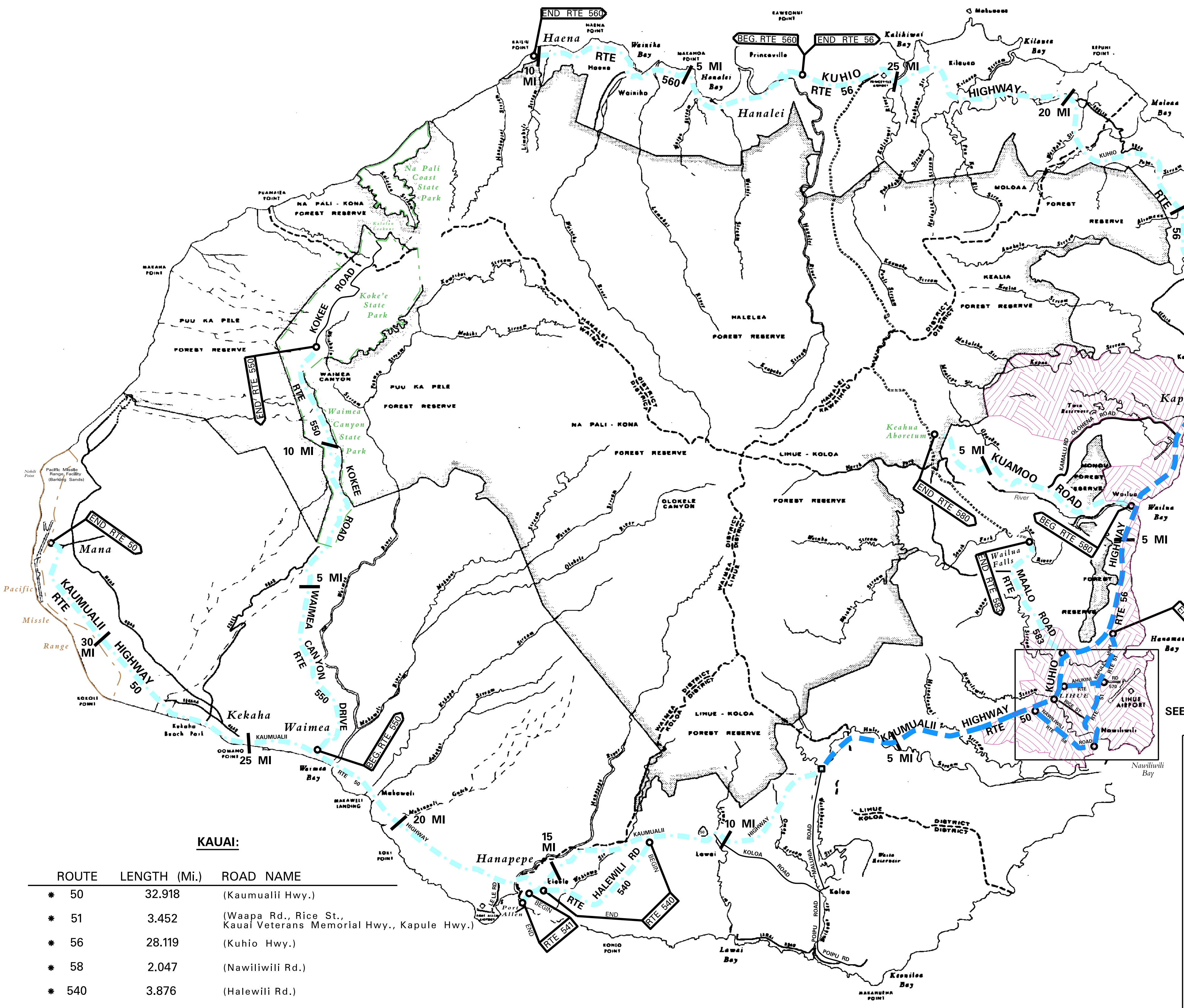
DECEMBER 2016

N

SCALE

MILES 1 0 1 2 3 4

KILOMETERS 1 0 1 2 3 4



## LEGEND

STATE (NHS)

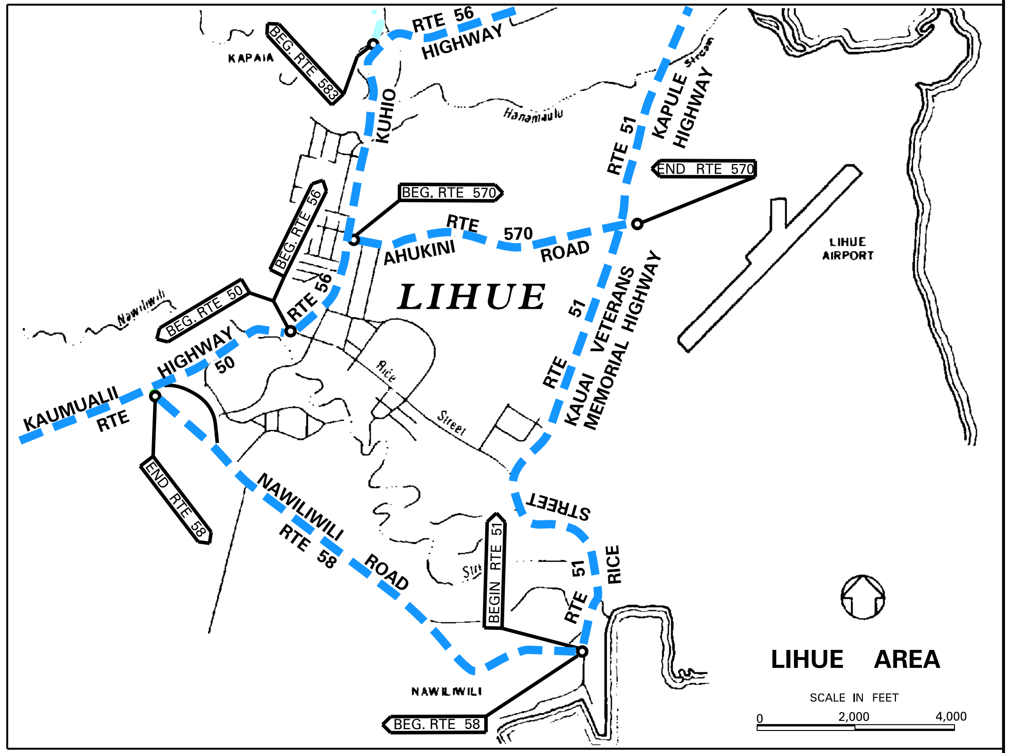
STATE (Non-NHS)

○ Route termini point

▫ NHS to non-NHS transition point

▨ URBAN AREA

SEE INSET MAP



## LIHUE AREA

SCALE IN FEET
0 2,000 4,000

### KAUAI:

| | ROUTE | LENGTH (Mi.) | ROAD NAME |
|---|---|---|---|
| * | 50 | 32.918 | (Kaumualii Hwy.) |
| * | 51 | 3.452 | (Waapa Rd., Rice St., Kauai Veterans Memorial Hwy., Kapule Hwy.) |
| * | 56 | 28.119 | (Kuhio Hwy.) |
| * | 58 | 2.047 | (Nawiliwili Rd.) |
| * | 540 | 3.876 | (Halewili Rd.) |
| * | 541 | 0.370 | (Waialo Rd.) |
| * | 550 | 14.072 | (Waimea Canyon Drive, Kokee Rd.) |
| * | 560 | 10.003 | (Kuhio Hwy.) |
| * | 570 | 1.122 | (Ahukini Rd.) |
| * | 580 | 6.68 | (Kuamoo Rd.) |
| * | 583 | 3.91 | (Maalo Rd.) |
| | TOTAL = | 106.569 | |

* Please Refer to Hwy System Changes List for Route Changes

| Date Released | |
|---|---|
| Dec 2002, JK | |
| Revised | |
| Apr. 04 | D. B. |
| May 06 | D. B. |
| Jan. 07 | D. B. |
| Feb. 11 | D. B. |
| Feb. 12 | D. B. |
| Feb. 13 | E.P.J. |
| Dec. 13 | E.P.J. |
| Dec. 14 | E.P.J. |
| Jan. 16 | E.P.J. |
| Jan. 17 | E.P.J. |
| | |
| | |
| | |
| | |
| | |

DISCLAIMER: This product is for informational purposes only and may not be suitable for legal, engineering, or surveying purposes. This information is provided with the understanding that conclusions drawn from such information are the responsibility of the user. If you feel the information shown on this product is questionable, please contact the State of Hawaii, Highways Division, Planning Branch, at gishelp.hwyp@hawaii.gov or at (808) 587–1841 to report the issue.

# ROAD INVENTORY

# KAUAI RTE 50
# KAUMUALII HIGHWAY

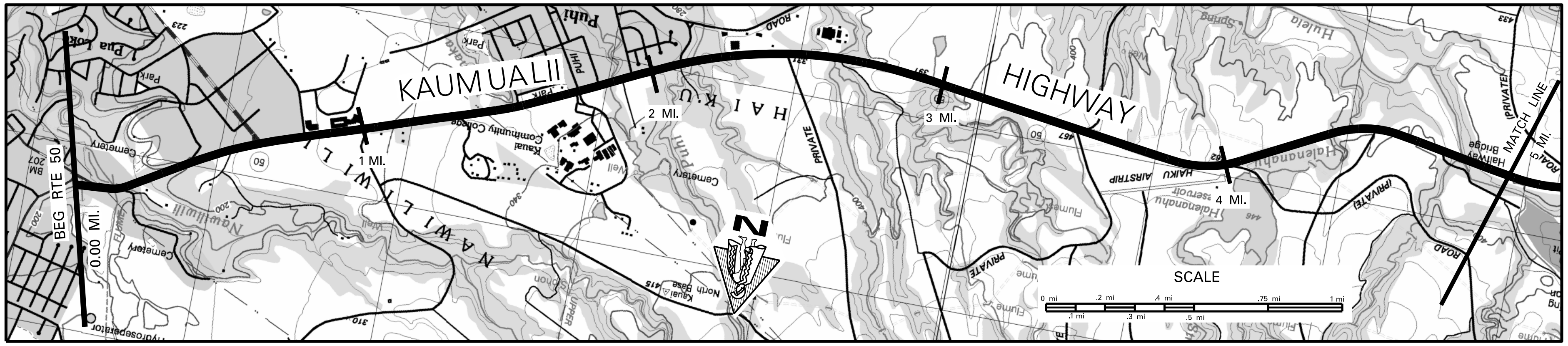
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PREPARED BY THE
HIGHWAYS PLANNING BRANCH

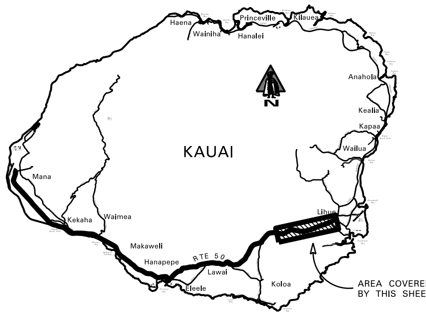
IN COOPERATION WITH THE
U.S. DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION

Total Designated Route Length: 32.92 MILES (a+b)
a. Existing Length: 32.92 MILES
b. Proposed Length: 0.00 MILES
Total Travel Way Length: 32.92 MILES (a+b, less c)
a. Existing Length: 32.92 MILES
b. Temporary Length: 0.00 MILES
c. Length used as T.W. for another Route: 0.00 MILES (–)

NEEDS STUDY ROUTE NO. ______ FUNCTIONAL CLASSIFICATION ______



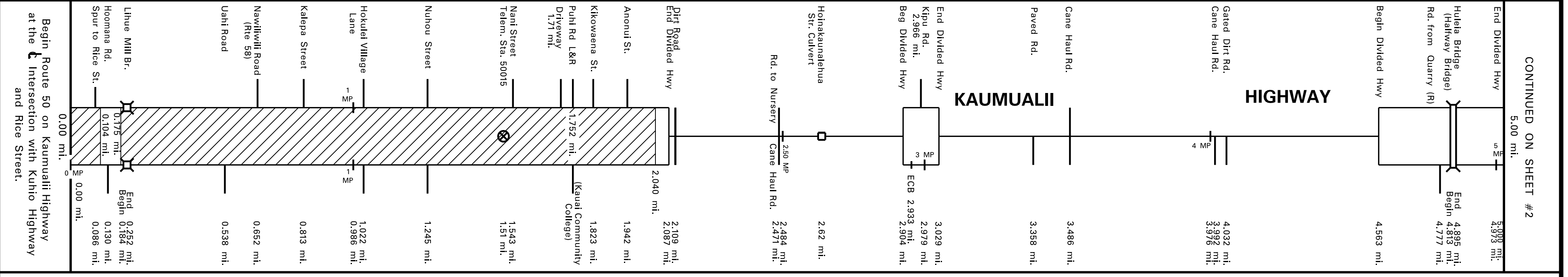
| | | |
|---|---|---|
| SCALE: (In Miles) 4″ = 1 mile | | 0 · 1 · 2 · 3 · 4 · 5 |
| Maintenance Control Sections : Length and Description | | END 50E – SAME AS BEGIN RTE 50. · 50E (1.74 MI.) · BEG. 50E – END 50D ON KAUMAUALII AT THE CENTERLINE INTER. w/ PUHI RD. · 1.74 · 50D (8.63 MI.) |
| Structure Carrying Road: Bridges (Over 20′): Length, Type, Capacity and Year Constructed | | 359′ ? RC FLAT SLAB ON I STRG. (STR), 1936 ? 359′ · RC TWIN BOX CULVERT (STR) 1950, H20 25′ · PRESTRESSED CONC. GIRDER HS–20–44, 1990 428′ |
| Vertical Clearance | | .184 · 2.62 · 4.81 |
| Horizontal Clearance | | 37.5 39.5 · 40′ · 52′ |
| Structure Over Road: Vertical Clearance | | |
| Horizontal Clearance | | |
| Right of Way Width (min.–max.) if varies | | 60′ · 0.39 · 80′ · 0.45 · 60′ · 1.45 · 80′ · 1.57 · 60′ · 1.86 · (80′) · 1.88 · 60′ · 2.08 · 80′ · 2.28 · 60′ · 2.63 · 60′ · 2.63 · 120′ · 2.80 · 60′ · 2.94 · (100′) · 2.97 · 80′ · (110′)–3.57 · 3.61 · 60′ · 4.19 · 70′ · 4.26 · 130′ · 4.49 · 80′ · 4.67 · 120′ · (170′) · 4.80 · 150′ · 4.96 · (60′) |
| Available Right of Way Width (Needs Study) | | Residential + Commercial · 0.21 · Trees + Bushes · 0.57 · Sugar Cane · 1.06 · Residential · 2.02 · Sugar Cane · 4.02 · Trees · 4.76 |
| Right of Way Fence: Type – Right and Left | | 1.06 W/W 30′FEP 1.37 · W/W 1.55 · 4.01 W/W 30′ FEP 4.31 |
| Control of Access: 1–None, 2–Partial, 3–Full | | NONE |
| Jurisdiction, Transfer Phase No. and Date (C to S or S to C) | | 13+38.93 · 98+80 · STATE · 194+75 · 189+17 |
| Project No., Type of Construction, and Year Constructed | (50E–01–98 Realignment 2001) | 0.12 · 0.17 · 50DE–01–05M (R) 2006 · 1.79 · 2.13 · 50D–01–10M, RESURF., 2012 · 2.91 · 3.01 —(HWY–K–03–04M, RESURF., 2008) |
| Project No., Type of Construction, and Year Constructed | (LIHUE PLANTATION PROJECT, 1964) | 0.02 · 0.22 —(HWY–K–01–78M (R), 1978) · STP–050–1(19), 1998 · 1.45 · STP–050–1(22), Guardrail & Shoulder Imprv., 2002 |



▨ Indicates Grass & / or Physical Barrier on Median.

**Road Diagram**

* Milepost Signage


Begin Route 50 on Kaumualii Highway at the ℄ Intersection with Kuhio Highway and Rice Street.
0.00 mi.
0 MP
0.00 mi.
Hoomana Rd. Spur to Rice St. 0.086 mi.
0.104 mi.
0.130 mi.
Lihue Mill Br. 0.175 mi.
End 0.184 mi.
Begin 0.252 mi.
Uahi Road 0.538 mi.
Nawiliwili Road (Rte 58) 0.652 mi.
Kalepa Street 0.813 mi.
1 MP
Hokulei Village Lane 0.986 mi. 1.022 mi.
Nuhou Street 1.245 mi.
Nani Street Telem. Sta. 50015 1.51 mi. 1.543 mi.
Driveway 1.71 mi.
Puhi Rd L&R 1.752 mi.
(Kauai Community College)
Kikowaena St. 1.823 mi.
Anonui St. 1.942 mi.
2.040 mi.
Dirt Road End Divided Hwy 2.087 mi. 2.109 mi.
Rd. to Nursery Cane Haul Rd. 2.471 mi. 2.484 mi.
2.50 MP
Hoinakaunalehua Str. Culvert 2.62 mi.
Beg Divided Hwy 2.904 mi.
Kipu Rd. 2.966 mi.
ECB 2.933 mi.
3 MP
2.979 mi.
End Divided Hwy 3.029 mi.
KAUMUALII
Paved Rd. 3.358 mi.
Cane Haul Rd. 3.486 mi.
4 MP
Cane Haul Rd. 3.976 mi.
3.992 mi.
Gated Dirt Rd. 4.032 mi.
HIGHWAY
Begin Divided Hwy 4.563 mi.
Rd. from Quarry (R) 4.777 mi.
Huleia Bridge (Halfway Bridge)
End 4.813 mi.
Begin 4.895 mi.
5 MP
End Divided Hwy 4.973 mi.
5.000 mi.

CONTINUED ON SHEET #2
5.00 mi.

| | | |
|---|---|---|
| SCALE: (In Miles) 4″ = 1 mile | | 0 · 1 · 2 · 3 · 4 · 5 |
| Undivided Highway: Shoulder: Width and Type | 0.000–2.002 MI. 5′ Bike Lane | 3′–5′ PCC · .745 · 2′–13′ PCC · .974 · 6′–8′ AC · 2.85 · 4′ AC · 3.39 · 6′–8′ AC · 3.78 · 6′ AC · 3.85 · 6′–8′ AC · 4.27 · 5′ AC · 4.44 · 8′ AC · 4.48 · 4′–5′ AC · 4.58 · 8′ AC · 4.76 · 8′ Conc. · 4.84 · 8′ AC |
| Pavement: Width and Type | | 22′ PCC · 12′ AC · 23′/24′ AC · 12′ AC · 23′/24′ AC · 12′/13′ AC |
| Shoulder: Width and Type | | .652 · (3′–7′ Raised Conc.) · .913 · 2′–6′ PCC · .040 · 0 · 6′–8′ AC · 0 · 6′–8′ AC · 3.38 · 5′ AC · 3.43 · 6′–8′ AC · 5′ AC · 4.36 · 8′ AC · 18′ AC · 8′ AC · 0 |
| Divided Highway: Median: Width and Type | (7′–18′ Raised Grass) (10–19′ Painted PCC) | .104 · .175 · .258 · (7′ Conc. Barr.) · 6′–12′ Raised Grass · .570 · 3′–6′ Raised Conc. · .652 · 6′–27′ Raised Grass · .748 · .813 · 4′–27′ Raised Grass · 3′–4′ Raised Conc. · .022 · 5′–27′ Raised Grass · .178 · .245 · (3′–6′ Raised Conc.) · 10′–27′ Raised Grass · .768 · 7′–20′ Grass · (0′–16′ Painted AC) · 2.903 · 0′–9′ Painted AC · 3.029 · 4.51 · .563 · 0′–12′ Painted AC · 5.00 |
| Shoulder: Width and Type | | 1′–5′ PCC · .040 · 0 · 0 · 0 |
| Pavement: Width and Type | | 22′ PCC · .818 · 11′ PCC · .974 · 12′ AC · 11′/12′ AC · 12′ AC |
| Shoulder: Width and Type | 0.000–2.014 MI. 5′ Bike Lane | 2′–6′ AC · 1.91 · 1.93 · 4′ AC · (6′–8′ AC) · 2.92 · 5′ AC · 3.02 · (6′–8′ AC) · .800 · 8′ AC · 4.77 · 8′ Conc · 4.85 · 8′ AC · 4.95 · 4′ AC |
| Number of Traffic Lanes | | 4–11′ · .818 · 2–11′ · .974 · 1–11′ · .942 · 1–12′ · 1–11′/12′ · .800 · 1–11′/12′ · 1–12′ · 1–12′/13′ |
| Auxiliary Lanes and Parking Lanes: No. of Lanes and Width (Left Side) | | .036 · .086 · .120 · 12′ · 18′ · 14′ · 130 · 177 · .467 · .538 · .603 · .652 · 12′ · 12′ · .598 · 12′ · 13′ · .731 · .759 · .813 · 11′ · 11′ · .022 · 12′ · .137 · .163 · 11′ · .245 · .343 · 11′ · 12′ · .337 · .438 · .543 · 14′ · .640 · 11′ · .650 · .689 · .752 · 11′ · 11′ · .808 · .818 · .884 · .819 · 11′ · .942 · .974 · 11′ · .001 · .030 Diverge · .966 · 12′ · .411 · .624 · .777 · 12′ · 12′ · .896 |
| (Right Side) | | .551 · 2–12′ · 10′ · 11′ · .652 · 2–12′ · 2–12′ · .084 · 2–12′ · .245 · 10′ · 10′ · 11′ · 13′ · 12′ · .752 · 11′ · 11′ · .009 · 11′ · 11′ · Merge · 11′ · .938 · .966 · .998 · 12′ · 11′ · 11′ · 15′ |
| Frontage Road: No. of Lanes, and Width (Right and Left) | | .086 · .252 · .468 · .538 · .578 · .613 · .710 · .732 · .813 · .865 · .890 · .022 · .150 · .245 · .280 · .455 · .543 · .625 · .670 · .752 · .791 · .818 · .848 · .942 · .974 · None · .297 · .358 · .401 · .662 · .777 |
| Sidewalk: Width and Type (Right and Left) | | (5′–9′ Conc. S. W.) · 8′ Conc. S. W. · .928 · 6′–12′ Conc. S. W. · 8′ Conc. S. W. · .765 |
| Curb and/or Gutter: Type (Right and Left) | | Conc. Curb & Gutter · .928 · 0.09 · Conc. Curb & Gutter · .765 · .047 · .558 · .674 · .708 · .787 · .952 · .979 · .529 · .572 · .646 · .698 · .816 · .957 · .090 · .193 · .306 · .467 · .526 · .766 · .907 · .980 |
| Protective Devices: Type, Location and Number | Conc. w/ Metal= C/M<br>Metal w/ Metal= M/M | .111 · .244 M/M & Conc Barr · .244 · M/M · .523 · .835 · M/M · .902 · M/M · .266 · M/M · M/M · M/M · M/M · M/M · M/M · M/M · M/M · M/M · .593 · M/M · 4.97 · (Metal w/ Metal)<br>.184 · .256 M/M & Conc Barr · .425 · M/M · .724 · .835 · M/M · .883 · M/M · M/M · M/M · M/M · M/M · (M/M) · M/M · M/M · M/M · M/M · (M/M) · Metal w/ Metal |
| Illumination: Type, Location and Number | | Luminairs · 0.15 · .040 · .144 · .224 · .279 · .544 · .653 · .935 · .054 · .410 · .467 · .541 · .574 · .643 · .698 · .815 · .956 · .083 · .201 · .304 · .389 · .524 · .556 · .791 |
| Curves Class: +/– Degree (A(0–3.45) B(3.45–5.44) C(5.44–8.48) D(8.48–13.85) E(13.85–28.62) F(<28.62) | | (B)→ · 0.02 · A · 0.11 · C · 0.18 · A · 1.46 · C · 1.55 · A · 2.06 · C · 2.09 · A |
| Superelevation (Range) | | |
| Grades Class: +/– % (A(0–.45) B(.45–2.45) C(2.45–4.45) D(4.45–6.45) E(6.45–8.45) F(<8.45) | | B · 0.19 · C · 0.33 · D · 0.40 · B · 1.35 · A · 1.49 · B · 1.95 · C · 2.02 · B · 2.55 · A · 2.70 · D · 2.92 · C · 3.30 · B · 3.82 · A · 3.97 · C · 4.35 · B · 4.71 · C |
| Vertical Curve: Crest or Sag, Curve Limits | | |
| Area and Development: | | Small Urban (99998) · 2.11 · Rural (99999) |
| Terrain: 1–Flat, 2–Rolling, 3–Mountainous | | Rolling (2) · 0.52 · Flat (1) · 1.24 · Rolling (2) · 2.18 · 2.87 · Flat (1) · 3.36 · Rolling (2) |
| Speed: 1–Design, 2–Posted | | 25 MPH ② · 2.11 · 35 MPH · 2.19 · 40 MPH ② · 3.00 · 3.14 · 45 MPH ② · 3.41 · 50 MPH ② |
| Intersection Control Devices: Type, Location and Cycle Timing | | .000 · 3 Phase · .652 · .813 · 3 Phase · .022 · .245 · 3 Phase · 3 Phase · .752 |
| Traffic Stations (Current Year) | | B73 0050 00000 · B73 0050 00064 · B73 0050 00175 |
| HPMS Sections – AADT 2015 | | 46,400 · 0.64 · 26,800 · 1.75 · 25,100 |
| HPMS Sections – AADT 2014 | | 0.09 · N/A · 0.80 · 25,100 · 4.78 · 23.700 |
| HPMS Sections – AADT 2013 | | 25,661 · 0.65 · 25,000 · 1.74 · 24,394 · 2.95 · 25,474 |
| DOD Sections | | |
| Census Tracts | | |
| Functional Classification | | Principal Arterial (3) |
| National Highway System (NHS) | | On NHS (1) |
| Previous Projects: Project No., Date and Limits | | 0.22 · STP–050–1(19), 1998 |
| | | 2.96 · HWY–K–03–96, 1997 Inter. Imprv. · 3.40 |
| | | 2.96 · STP–050–1(15) (R), 1996 |
| | | (HWY–K–03–96, 1977)— · 2.88 · 2.97 · (BR–F–050–1(7), 1990 (BRDG & APPRCH))— · 4.53 |
| | | 2.97 · (HWY–K–03–82, 1983 (GUARDRAIL & SHOULDER IMPRV.))— · 4.67 |
| | | 0.23 · 0.59 · 0.71 · 0.94 · STP–050–1(15) (R) 1996 |
| | | (50E–01–92M (R), 1993) · 0.96 · 50 DE–01–86M (R), 1986 · 2.98 · 50D–01–87M (R), 1987 · 3.94 · 4.21 · 50 DE–01–86M, 1986 · 4.49 · 4.61 · LT–K–02–79, 1980 |
| | | 1.59 · HWY–K–01–76M (R) 1976 |
| | | 0.02 · HWY–K–01–78M (R) · 1.34 · D–50–01–63, 1965 · 2.97 · F12 (17), 1951 · 3.28 · D–50–01–65, 1965 · 4.89 · (50–D–03–69 1971) |
| | (Lihue Plantation Project, 1964) | 0.15 · F–24(2) 1950 · 0.60 · FAP 12 F, 1937 · 3.33 · (177+00) · FAP 12–G, 1935 · 4.31 · (229+00) · FAP 12 I, 1937 |
| SCALE: (In Miles) 4″ = 1 mile | | 0 · 1 · 2 · 3 · 4 · 5 |

| Date Released | |
|---|---|
| *Nov. 2001* | |
| **Revised** | |
| *Apr. 04* | *D.B.* |
| *Jan. 06* | *D.B.* |
| *Sept. 06* | *D.B.* |
| *Mar. 09* | *D.B.* |
| *Dec. 09* | *D.B.* |
| *Feb. 11* | *D.B.* |
| *Feb. 12* | *D.B.* |
| *Feb. 13* | *E.P.J.* |
| *Dec. 13* | *E.P.J.* |
| *July 14* | *D.B.* |
| *Jan 16* | *C.R.* |
| *Aug. 16* | *D.B.* |
| *Jan 17* | *E.P.J.* |

# ROAD INVENTORY
# KAUAI RTE 50
# KAUMUALII HIGHWAY

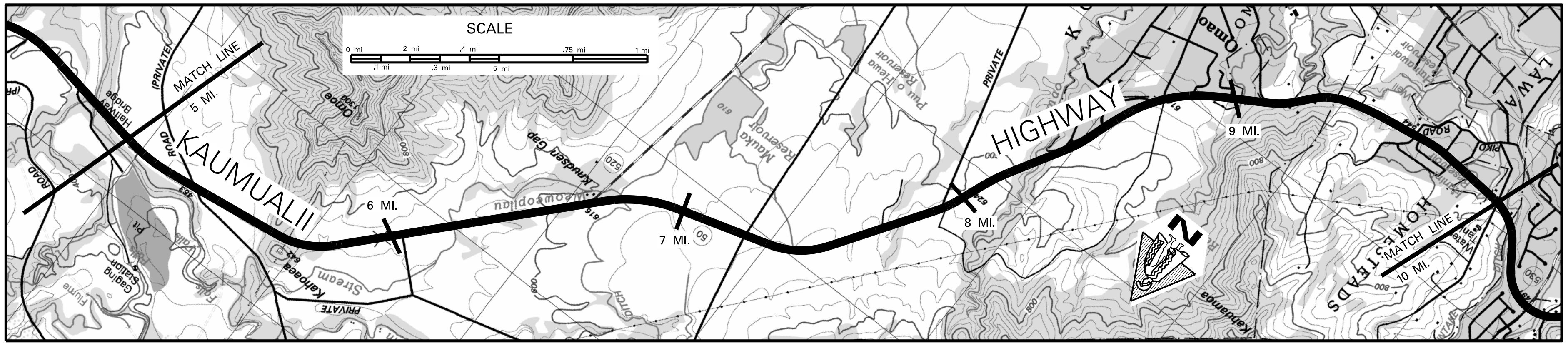
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PREPARED BY THE
HIGHWAYS PLANNING BRANCH

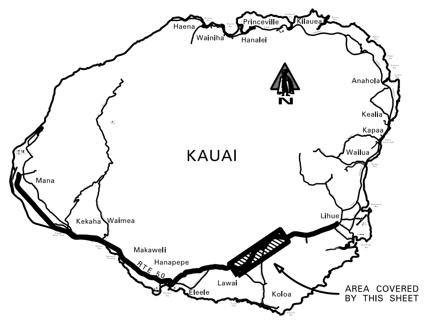
IN COOPERATION WITH THE
U.S. DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION

Total Designated Route Length: 32.92 MILES (a+b)
a. Existing Length: 32.92 MILES
b. Proposed Length: 0.00 MILES
Total Travel Way Length: 32.92 MILES (a+b, less c)
a. Existing Length: 32.92 MILES
b. Temporary Length: 0.00 MILES
c. Length used as T.W. for another Route: 0.00 MILES (–)

NEEDS STUDY ROUTE NO. ______________ FUNCTIONAL CLASSIFICATION ______________



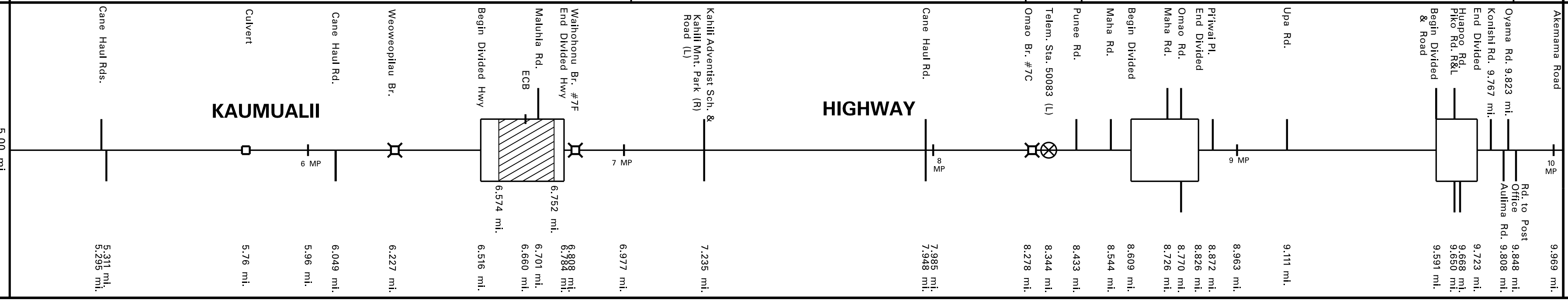
| SCALE: (In Miles) 4" = 1 mile | 5 – 10 |
|---|---|
| Maintenance Control Sections : Length and Description | 50D (8.63 MI.) |
| Structure Carrying Road – Bridges (Over 20'): Length, Type, Capacity and Year Constructed | RC FLAT SLAB, H–15 (STR) 1937 39' (6.23)<br>RC FLAT SLAB, H–15 (STR) 1934 22' (6.81)<br>CONT. CONC. TEE, H–15 (STR) 1934 140' (8.28) |
| Vertical Clearance | 6.23 · 6.81 · 8.28 |
| Horizontal Clearance | 24' · 24' · 24' |
| Structure Over Road – Vertical Clearance | |
| Horizontal Clearance | (100') (100') (200') (80') (130') (60') (100') |
| Right of Way Width (min.–max.) if varies | 60' 5.45 100' 5.76 60' 6.36 65' 6.56 60' 7.54 7.56 60' 7.83 7.87 60' 8.16 8.22 80' 8.52 60' 8.85 8.87 100' 9.00 60' 9.14 90' 9.42 100' 9.57 9.63 70' 9.77 80' 9.93 9.95 ←(120') |
| Available Right of Way Width (Needs Study) | Trees 5.33 Sugar Cane 7.96 Bushes & Trees 9.59 9.73 |
| Right of Way Fence: Type – Right and Left | NONE |
| Control of Access: 1–None, 2–Partial, 3–Full | NONE |
| Jurisdiction, Transfer Phase No. and Date (C to S or S to C) | STATE |
| Project No., Type of Construction, and Year Constructed | 5.42 ◁ 5.56 —(STP–050–1(24), GUARDRAIL/SHOULDER IMPRV., 2005) · 7.17 50D–01–00M, Resurf., 2002 8.54 |
| Project No., Type of Construction, and Year Constructed | STP–050–1(22), 2002 Guardrail & Shldr. Imprv. 7.00 HWY–K–01–91M (R), 1991 (50CD–01–87M (R), 1987)— 8.27 8.45 50 D–01–86 (GUARDRL., SHLDRS.) 1986 9.84 |



▨ Indicates Grass & / or Physical Barrier on Median.

**Road Diagram**
* MP=Milepost Signage

CONTINUED FROM SHEET #2
5.00 mi.



CONTINUED ON SHEET #3
10 mi.

| SCALE: (In Miles) 4" = 1 mile | 5 – 10 |
|---|---|
| Undivided – Shoulder: Width and Type | 8' AC 5.42 4' AC 7.85 6' AC 8.25 3' AC 8.71 4' AC |
| Pavement: Width and Type | 24' AC · 12' AC (divided) · 24' AC · 12' AC (divided) · 24' AC · 12' AC · 24' AC |
| Shoulder: Width and Type | (4' AC)→ 8' AC 5.35 18' AC 4' AC · 0 · 4' AC · 0 · 8' AC 8.95 4' AC · 0 · 4' AC |
| Divided Highway – Median: Width and Type | (0'–8' Painted AC)→ .516 .574 6'–12' Flush Grass .752 .784 ←(6'–0' Painted AC) · .609 0'–11' Painted AC .826 · .591 0'–8' Painted AC .723 |
| Shoulder: Width and Type | 0 · 0 · 0 |
| Pavement: Width and Type | 12' AC · 12' AC · 12' AC |
| Shoulder: Width and Type | 4' AC · 8' AC · 4' AC |
| Number of Traffic Lanes | 2–12' |
| Auxiliary Lanes and Parking Lanes: No. of Lanes and Width (Left Side) | .528 18' .671 · 12' Truck Climb Lane .955 .206 · 13' Truck Climb Lane .622 .877 · .726 .742 · .650 9' .700 · .830 .857 Bus |
| (Right Side) | 12' Truck Climbing Lane .020 .247 Merge .399 · .617 12' .701 · 11' .696 .770 11' · 9' 9' .729 .770 .825 · .607 11' · .621 12' .650 · Bus .854 .885 |
| Frontage Road: No. of Lanes, and Width (Right and Left) | None |
| Sidewalk: Width and Type (Right and Left) | None |
| Curb and/or Gutter: Type (Right and Left) | .091 Conc. Gutter .304 .370 .560 .752 .793 .244 .320 .714 .839 .960 .011 .103 .157 .394 .433 .558 .649 .729 .819 .867 .922 .978 .066 .271 .341 .463 .540 .607 4' AC Gutter .965 .089 .460 .515 .555 .597 .645 .886 .973 |
| Protective Devices: Type, Location and Number | ALL METAL RAILS ON METAL POSTS .095 .208 .247 .411 .581 .703 .757 .001 .319 |
| Illumination: Type, Location and Number | .375 .567 .751 .794 .191 .249 .710 .833 .945 .002 .086 .129 .556 .627 .718 .773 .853 .894 .978 .052 .203 .312 8.44 M.V. 8.55 .963 .086 9.20 .516 .552 9.65 M.V. 9.83 .876 .976 |
| Curves Class: +/– Degree (A(0–3.45) B(3.45–5.44) C(5.44–8.48) D(8.48–13.85) E(13.85–28.62) F(<28.62) | A 5.60 B 5.80 A 7.32 B 7.52 A 9.13 B A 9.25 B 9.39 A 9.70 B 9.76 A 9.97 ←(B) |
| Superelevation (Range) | |
| Grades Class: +/– % (A(0–.45) B(.45–2.45) C(2.45–4.45) D(4.45–6.45) E(6.45–8.45) F(<8.45) | C 5.68 A 5.83 B 6.43 C 6.68 B 7.06 C 7.39 A 7.53 C 8.37 A 8.56 C 8.66 D 8.98 B 9.08 C 9.52 D 9.68 B 9.97 ←(A) |
| Vertical Curve: Crest or Sag, Curve Limits | |
| Area and Development: | Rural (99999) 8.28 Small Urban (99998) |
| Terrain: 1–Flat, 2–Rolling, 3–Mountainous | Rolling (2) 7.97 Mountainous (3) |
| Speed: 1–Design, 2–Posted | 50 MPH ② 9.47 45 MPH ② 9.48 9.47 35 MPH ② |
| Intersection Control Devices: Type, Location and Cycle Timing | |
| Traffic Stations (Current Year) | B73 0050 00175 · B73 0050 00669 |
| HPMS Stations – AADT 2015 | 25,100 6.69 14,600 |
| HPMS Stations – AADT 2014 | 23,700 9.10 14,200 |
| HPMS Stations – AADT 2013 | (25,474)→ 5.01 27,609 5.39 29,900 6.69 14,100 8.75 15,610 9.64 12,883 |
| DOD Sections | |
| Census Tracts | |
| Functional Classification | Principal Arterial (3) 6.69 Minor Arterial (4) |
| National Highway System (NHS) | On NHS (1) 6.70 Not on NHS (0) |
| Previous Projects: Project No., Date and Limits | 5.42 50D–01–99M (R), 2000 6.81 HWY–K–01–91M (R), 1991 8.27 |
| Previous Projects: Project No., Date and Limits | (BR–F–050–1(7) (BRIDGE & APPROACH), 1990)→ · STP–050–1(19), 1998 5.44 · 5.42 (50D–01–98, Accel. Ln., 2000)— 6.39 → 6.70 · HWY–K–03–82 (GUARDRAILS & SHOULDER IMPROVEMENTS), 1983 · 8.31 |
| | (LT–K–02–79, 1980)→ 5.01 5.41 50 D–02–88M (R), 1988 6.81 · (50 CD–01–75M, 1975)— 8.30 → 8.55 STP–050–1(11), R, 1993 |
| | HWY–K–01–76M (R), 1976 6.53 6.57 50 CD–01–75M, 1975 7.86 8.54 50D–02–76, R, 1976 8.95 |
| | 50–D–03–69, 1971 5.36 D–50–01–64, 1964 5.88 K–01–72, 1972 6.39 |
| | WHP–12H, 1935–1937 6.65 · 7.86 50D–01–67, 1968 8.27 · 102+92 164+08 · 124+55 |
| | (FAP 12 I, (1937))→ 5.06 (269+00) 6.53 (353+03) (0+00) NRH–12B, 1933 (67+04) 7.92 50 CD–01–70, 1974 8.29 NRH–128, 1933 8.55 8.59 50D–01–90M, 1990 8.92 8.96 50CD–01–75M, 1975 |
| | 179+70 (50D–01–67, 1968) |
| SCALE: (In Miles) 4" = 1 mile | 5 6 7 8 9 10 |

| Date Released | |
|---|---|
| *Nov. 2001* | |
| **Revised** | |
| *Apr. 04* | *D.B.* |
| *Jan. 06* | *D.B.* |
| *Sept 10* | *D.B.* |
| *Feb. 11* | *D.B.* |
| *Feb. 12* | *D.B.* |
| *Feb. 13* | *E.P.J.* |
| *Dec. 13* | *E.P.J.* |
| *July 14* | *D.B.* |
| *Jan 16* | *C.R.* |
| *Aug. 16* | *D.B.* |
| *Jan 17* | *E.P.J.* |

## ROAD INVENTORY

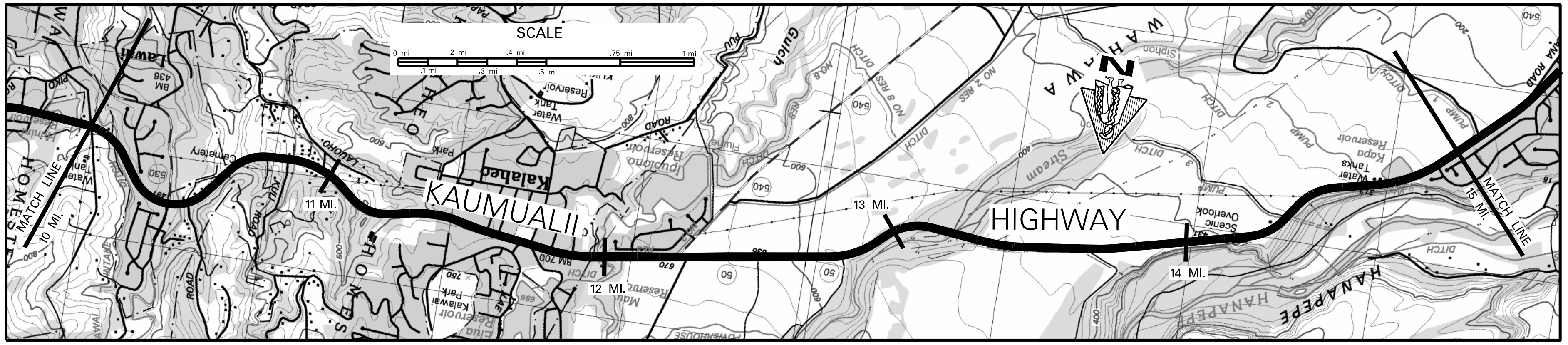
# KAUAI RTE 50
# KAUMUALII HIGHWAY

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

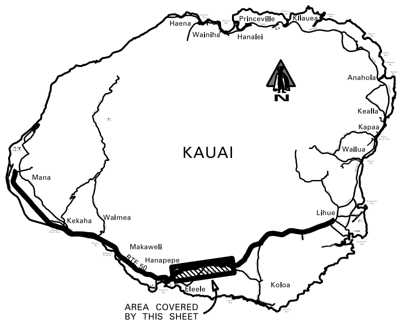
PREPARED BY THE
HIGHWAYS PLANNING BRANCH

IN COOPERATION WITH THE
U.S. DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION

Total Designated Route Length: 32.92 MILES (a+b)
a. Existing Length: 32.92 MILES
b. Proposed Length: 0.00 MILES
Total Travel Way Length: 32.92 MILES (a+b, less c)
a. Existing Length: 32.92 MILES
b. Temporary Length: 0.00 MILES
c. Length used as T.W. for another Route: 0.00 MILES (–)
NEEDS STUDY ROUTE NO. ______ FUNCTIONAL CLASSIFICATION ______

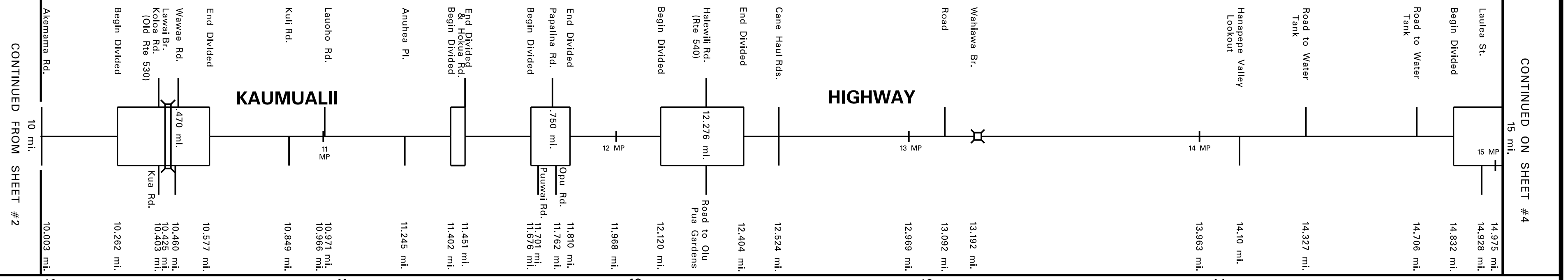


| | SCALE: (In Miles) 4" = 1 mile — 10 · 11 · 12 · 13 · 14 · 15 |
|---|---|
| Maintenance Control Sections : Length and Description | 50D (8.63MI.) \| 10.37 ← BEG. 50 D & END 50 C ON KAUMUALII HWY. 100' EAST OF CENTERLINE INTERSECTION OF KOLOA RD. \| 50 C (6.65MI.) |
| Structure Carrying Road – Bridges (Over 20'): Length, Type, Capacity and Year Constructed | PRESTRESSED CONC. GIRDER 2003, HS-20-44 *BRIDGE WIDENING 112' (10.43)<br>CONT. CONC. FRAME 1936 (STR) ESH15 180' (13.19) |
| Vertical Clearance | 10.43 \| 13.19 |
| Horizontal Clearance | 60' \| 24' |
| Structure Over Road – Vertical Clearance | |
| Horizontal Clearance | |
| Right of Way Width (min.–max.) if varies | 120' \| 10.06 \| 110' \| 10.16 \| 80' \| 10.26 \| 100' \| 10.41 \| 80' \| 10.51 \| 90' \| 10.59 \| 120' \| 10.71 \| 210' \| 10.78 (150') \| 10.79 \| 10.82 (110') \| 10.86 (100') \| 80' \| 11.07 (90') \| 11.10 (110') \| 11.14 \| 120' \| 11.24 \| 11.28 (170') \| 11.31 (135') \| 70' \| 11.59 \| 60' \| 11.97 \| 100' \| 12.05 \| 60' \| 12.81 \| 90' \| 13.11 \| 100' \| 13.23 \| 135' \| 13.29 (125') \| 13.31 \| 100' \| 13.42 \| 60' \| 13.50 \| 70' \| 13.65 \| 80' \| 14.74 \| 60' |
| Available Right of Way Width (Needs Study) | 10.61 \| Bushes & Trees \| 13.46 \| Clear 1000' Sugar Cane |
| Right of Way Fence: Type – Right and Left | 11.70 – 11.76 (Chain Link) \| 14.18 W/W 14.38 |
| Control of Access: 1–None, 2–Partial, 3–Full | NONE |
| Jurisdiction, Transfer Phase No. and Date (C to S or S to C) | 34+25 (12.31) STATE \| 95+41 (13.47) |
| Project No., Type of Construction, and Year Constructed | (STP-050-1(17) WIDENING 2003) 50CD-02-00M RESURF 2002 \| 10.23 \| 72+00 \| 12.31 \| 50C-01-07M, (R), 2009 \| 13.47 |
| Project No., Type of Construction, and Year Constructed | STP-050-1(11) (R), 1993 \| 10.29 \| STP-050-1(24), GUARDRAIL/SHOULDER IMPROVEMENTS, 2005 |



**Road Diagram**

* MP = Milepost Signage



| | SCALE: (In Miles) 4" = 1 mile — 10 · 11 · 12 · 13 · 14 · 15 |
|---|---|
| Undivided – Shoulder: Width and Type | 4' AC \| 10.23 \| 6' AC \| 10.59 \| 4' AC \| 11.47 \| 6' AC |
| Pavement: Width and Type | 24' AC \| 12' AC \| 24' AC \| 12' AC \| 24' AC \| 12' AC \| 24' AC \| 12' AC \| 24' AC \| 12' AC |
| Shoulder: Width and Type | 4' AC \| 0 \| 4' AC \| 11.23 \| 7' AC \| 0 \| 7' AC \| 0 \| 4'–6' AC \| 0 \| 6' AC \| 0 |
| Divided Highway – Median: Width and Type | .262 \| 0–10' Painted AC \| .577 \| (0'–6' Painted AC) \| .402 \| .451 \| .676 \| 0'–11' Painted AC \| .810 \| .120 \| 0'–13' Painted AC \| .404 \| .832 \| 0'–10' Painted AC |
| Shoulder: Width and Type | 0 \| 0 \| 0 \| 0 \| 0 |
| Pavement: Width and Type | 12' AC \| 12' AC \| 12' AC \| 12' AC \| 12' AC |
| Shoulder: Width and Type | 4' AC \| 10.44 \| 4'–5' AC \| 7' AC \| 4'–8' AC \| 6' AC \| 6' AC |
| Number of Traffic Lanes | .085 \| .374 \| .403 \| .470 \| .721 \| .762 \| .363 \| 2–12' |
| Auxiliary Lanes and Parking Lanes: No. of Lanes and Width (Left Side) | 12' Truck Climbing Lane \| 13' \| 11' \| 12' .504 \| .420 \| .451 \| .493 \| .701 11' \| 11' .795 \| .276 11' \| 12' \| 12.42 12' Truck Climbing Lane 13.03 \| .902 12' \| 10' .014 |
| (Right Side) | .330 12' .403 \| .365 12' \| 10' 10' \| 11' .711 .750 \| .198 11' .276 .322 \| .236 12' \| .855 12' .928 |
| Frontage Road: No. of Lanes, and Width (Right and Left) | None |
| Sidewalk: Width and Type (Right and Left) | |
| Curb and/or Gutter: Type (Right and Left) | .091 \| .221 \| .310 \| .464 Conc. Gutter .568 \| .706 \| .783 \| .844 \| .891 \| .961 \| .008 \| .096 \| .282 \| .546 \| .570 \| .443 \| .534 |
| Protective Devices: Type, Location and Number | Metal Rails on Metal Posts \| .103 .133 \| .321 .452 \| .466 .534 \| .612 \| .706 .781 \| .867 .896 \| .934 .498 \| .096 .166 \| .189 .240 \| .966 .041 \| .347 .499 \| .802 .256 \| .545 .569 \| .683 .726 \| .917 .170 \| .337 .492 \| .548 .775 |
| Illumination: Type, Location and Number | 10.84 M.V. 10.99 \| 11.45 M.V. 11.90 |
| Curves Class: +/– Degree (A(0–3.45) B(3.45–5.44) C(5.44–8.48) D(8.48–13.85) E(13.85–28.62) F(<28.62) | B \| 10.16 \| A \| 10.23 \| C \| 10.53 \| A \| 10.63 \| C \| 10.79 \| A \| 10.85 \| B \| 11.07 \| A \| 11.10 \| C \| 11.27 \| A \| 12.77 \| B \| 12.94 \| A \| 12.97 \| B \| 13.14 \| A \| 14.21 \| B \| 14.34 \| A \| 14.40 \| B \| 14.57 \| A |
| Superelevation (Range) | |
| Grades Class: +/– % (A(0–.45) B(.45–2.45) C(2.45–4.45) D(4.45–6.45) E(6.45–8.45) F(<8.45) | A \| 10.14 \| D \| 10.32 \| B \| 10.73 \| C \| 10.99 \| D \| 11.60 \| B \| 12.05 \| A \| 12.39 \| C \| 12.54 \| D \| 13.09 \| A \| 13.31 \| B \| 13.87 \| C |
| Vertical Curve: Crest or Sag, Curve Limits | |
| Area and Development: | Small Urban (99998) |
| Terrain: 1–Flat, 2–Rolling, 3–Mountainous | Mountainous (3) \| 11.56 \| Rolling (2) \| 13.46 \| Flat (1) \| 13.79 \| Mountainous (3) \| 14.86 \| Rolling (2) |
| Speed: 1–Design, 2–Posted | 35 MPH ② \| 11.37 \| 11.40 \| 25 MPH ② \| 11.95 \| 11.96 \| 35 MPH ② \| 12.39 \| 12.49 \| 50 MPH ② \| 14.69 \| 35 MPH ② |
| Intersection Control Devices: Type, Location and Cycle Timing | .750 TRAFFIC LIGHT, 4 PHASE |
| Traffic Stations (Current Year) | B73 0050 00669 \| B73 0050 01040 \| B73 0050 01227 |
| HPMS Sections – AADT 2015 | 14,600 \| 10.40 \| 20,500 \| 15,100 |
| HPMS Sections – AADT 2014 | 14,200 \| 10.96 \| 19,800 \| 12.27 \| 14,500 |
| HPMS Sections – AADT 2013 | 12,883 \| 10.39 \| 19,219 \| 11.75 \| 17,778 \| 14,400 \| 13.18 \| 14,678 |
| DOD Sections | |
| Census Tracts | |
| Functional Classification | Minor Arterial (4) |
| National Highway System (NHS) | Not on NHS (0) |
| Previous Projects: Project No., Date and Limits | 10.23 STP-050-1(17) WIDENING 2003 \| 10.57 \| 50C-01-01M 2004 RESURFACE \| 12.32 \| 14.79 50C-02-01M (R) 2004 |
| | STP-050—1(9) (WIDENING), 1996 \| 13.45 \| 50C-01-00M (R), 2000 |
| | STP-050-1(11) (R), 1993 10.43 \| 50C-01-90M (R), 1991 \| 11.82 \| HWY-K-01-91M, 1991 \| 12.06 \| 12.44 STP-050-1(9), 1995 \| 12.98 HWY-K-01-91M (R), 1991 \| 13.48 50C-01-87M (R), 1987 \| 14.83 \| 50C-01-90M (R), 1991 |
| | (STP-050-1(11), R, 1993) \| (50CD-01-87M (R), 1987) \| 12.38 \| STP-050-1(12) (GUARDRAIL & SHLDR. IMPRV.), 1995 |
| | 10.24 \| 10.43 \| 10.45 \| 13.48 \| 50C-01-87M (R), 1987 \| 14.83 |
| | 10.10 \| HWY-K-01-87 SECTION 1 (GARDRAIL & SHLD, IMPRV.), 1987 \| 11.54 \| 11.82 \| HWY-K-01-91M (R), 1991 \| 12.96 \| 13.14 \| 13.21 \| 13.24 (HWY-K-01-77M(R), 1977) \| 13.53 \| 14.67 \| HWY-K-01-77M (R), 1977 |
| | 50D-01-67, 1968 \| 10.35 \| 50 CD-01-75M, 1975 \| 11.68 \| 50D-01-67, 1968 \| 11.88 \| 50-D-02-67, 1967 \| (HWY-K-01-77M(R), 1977) \| 13.46 \| 50A-01-71, 1970 |
| | (50CD-01-75M, 1975) \| 10.04 (87+56) \| 10.37 (157+76) \| (50CD-01-70, 1974) \| NRH-12B, 1933 \| (0+00) 11.71 \| NRH-12C, 1935 \| (37+84) 12.40 \| (40+00) \| 50 CD-01-70, 1974 \| (0+00) 13.15 \| (75+00) \| NRH-12D, 1935 \| 13.53 (96+00) \| FAP 12J, 1938 |
| | SCALE: (In Miles) 4" = 1 mile — 10 · 11 · 12 · 13 · 14 · 15 |

| Date Released | |
|---|---|
| *Nov. 2001* | |
| **Revised** | |
| *Apr. 04* | *D.B.* |
| *Jan. 06* | *D.B.* |
| *Dec. 09* | *D.B.* |
| *Sept. 10* | *D.B.* |
| *Feb. 11* | *D.B.* |
| *Feb. 12* | *D.B.* |
| *Aug. 12* | *E.P.J.* |
| *June 13* | *D.B.* |
| *Dec. 13* | *E.P.J.* |
| *July 14* | *D.B.* |
| *Jan 16* | *C.R.* |
| *Aug. 16* | *D.B.* |
| *Jan 17* | *E.P.J.* |

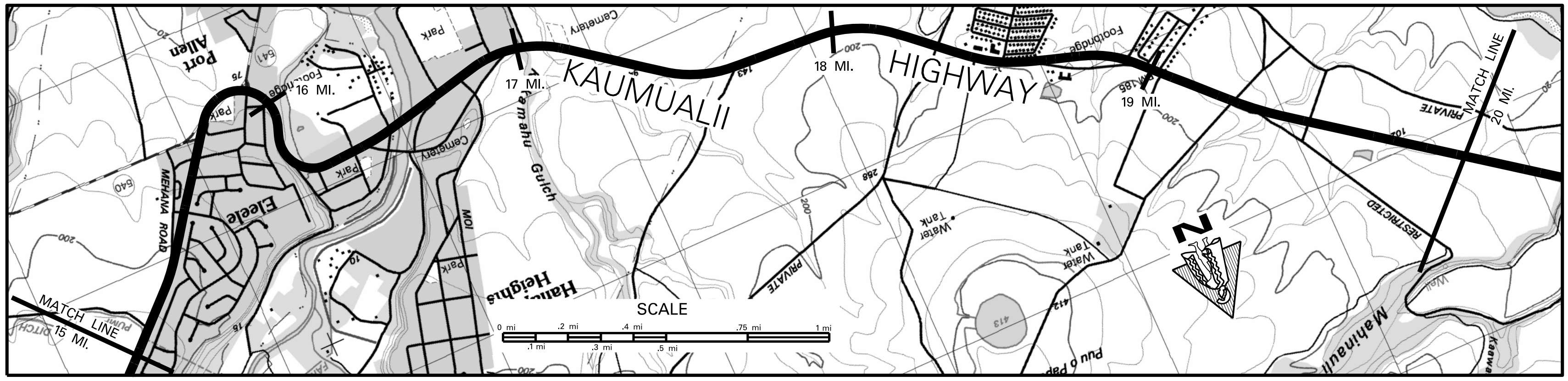
# ROAD INVENTORY

# KAUAI RTE 50
# KAUMUALII HIGHWAY

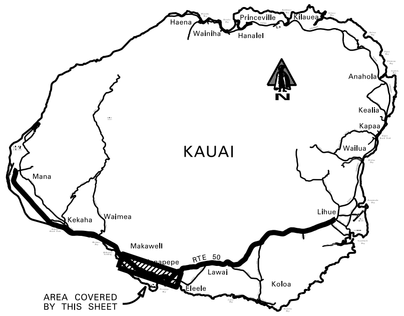
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PREPARED BY THE
HIGHWAYS PLANNING BRANCH
IN COOPERATION WITH THE
U.S. DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION

Total Designated Route Length: 32.92 MILES (a+b)
a. Existing Length: 32.92 MILES
b. Proposed Length: 0.00 MILES
Total Travel Way Length: 32.92 MILES (a+b, less c)
a. Existing Length: 32.92 MILES
b. Temporary Length: 0.00 MILES
c. Length used as T.W. for another Route: 0.00 MILES (–)
NEEDS STUDY ROUTE NO. ______ FUNCTIONAL CLASSIFICATION ______

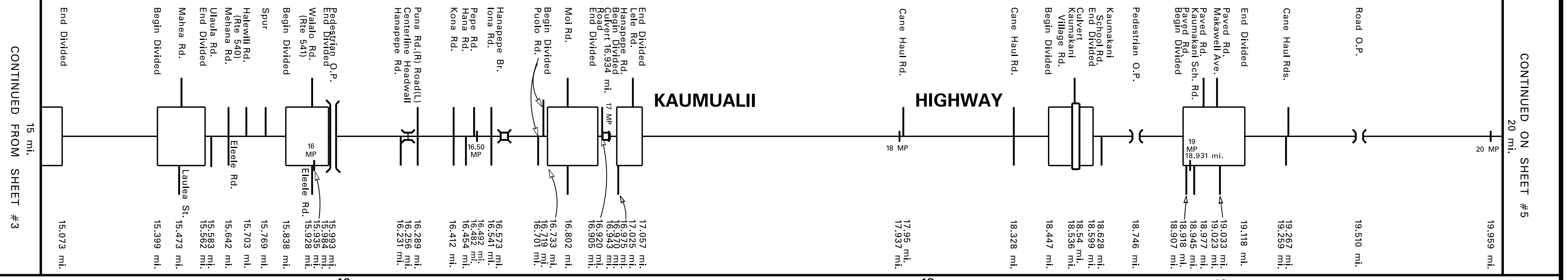


| | |
|---|---|
| SCALE: (In Miles) 4″ = 1 mile | 15 · 16 · 17 · 18 · 19 · 20 |
| Maintenance Control Sections: Length and Description | 50 C (6.65) · 17.02 ← END OF 50 B AND BEGIN 50 C ON KAUMUALII HWY. AT THE CENTERLINE INTERSECTION WITH LELE RD. · 50 B (7.46 MI.) |
| | |
| Structure Carrying Road — Bridges (Over 20′): Length, Type, Capacity and Year Constructed | TEE BEAM 1939, H15 44′ · TEE BEAM 1938, H20 277′ |
| Structure Carrying Road — Vertical Clearance | 16.26 · 16.57 |
| Structure Carrying Road — Horizontal Clearance | 38′ · 24′ |
| Structure Over Road — Vertical Clearance | RC FLAT SLAB ON STEEL (PED. O.P.), 1939 · RC FLAT SLAB (PED. O.P.), 1948 15′–11″ · RC DECK GIRDER (RD), 1948 15′–02″ |
| Structure Over Road — Horizontal Clearance | 15.98 · (90′) 17.07 · 18.74 31′ · 19.50 40′ |
| Right of Way Width (min.–max.) if varies | 60′ 15.17 80′ 15.87 90′ 16.04 110′ 16.33 80′ 17.05 80′ 18.81 114′ 18.86 80′ 19.45 140′ 80′ 19.58 100′ 19.70 80′ 19.86 120′ 80′ |
| Available Right of Way Width (Needs Study) | Clear 1000′ Sugar Cane 15.26 · 15.50 · Commercial/Residential (w/ Sugar Cane) 17.09 Clear 1000′ – Open Field 18.42 Residential 18.68 Sugar Cane 19.51 · 19.92 |
| Right of Way Fence: Type – Right and Left | Wood 15.61 · 15.26 Wire on Wood |
| Control of Access: 1–None, 2–Partial, 3–Full | NONE |
| Jurisdiction, Transfer Phase No. and Date (C to S or S to C) | 212+00 · 272+00 · STATE |
| Project No., Type of Construction, and Year Constructed | 15.68 50C–03–07M, REPAVEMENT, 2013 16.62 (HWY–K–01–07M, PAVE. MARK., 2007) 16.80 (STP–050–1(14), 1998) 16.90 17.00 282+00 STP–050–1(040), PREVENTIVE MAINTENANCE, 2016 |
| Project No., Type of Construction, and Year Constructed | STP–050–1(24), GUARDRAIL & SHLDR. IMPRV., 2005 245+00 16.32 259+20 16.56 16.80 16.95 ← 17.04 (HWY–K–02–98 (IMPRV.), 2000) STP–050–1(18), 1997 (HWY–K–02–98 (IMPRV,) 2000) 18.44 → 18.57 STP–050–1(18), 1997 18.94 ← 19.14 (HWY–K–02–98 (IMPRV,) 2000) STP–050–1(18), 1997 |



## Road Diagram

* MP=Milepost Signage



| | |
|---|---|
| SCALE: (In Miles) 4″ = 1 mile | 15 · 16 · 17 · 18 · 19 · 20 |
| Undivided — Shoulder: Width and Type | 6′ AC 16.52 0 16.63 6′ AC 18.70 8′ AC 19.04 6′–14′ AC |
| Undivided — Pavement: Width and Type | 12′ AC · 24′ AC · 12′ AC · 24′ AC · 12′ AC · 24′ AC · 12′ AC · 24′ AC · 12′ AC · 24′ AC · 12′ AC · 24′ AC · 12′ AC · 24′ AC |
| Undivided — Shoulder: Width and Type | 0 · 6′ AC · 0 · 6′ AC · 0 .984 · 8′ AC 16.23 · 6′ AC 16.52 · 0 16.63 · 6′–14′ AC · 0 · 6′–14′ AC · 0 · 6′–14′ AC · 0 · 6′–14′ AC · 0 · 19.18 6′ AC |
| Divided Highway — Median: Width and Type | (0′–10′ Painted AC) → .073 · .399 0′–9′ Painted AC .562 · .838 0′–10′ Painted AC · .733 0′–10′ Painted AC .905 · .970 0′–9′ Painted AC .057 · 17.06 MILLED CENTERLINE RUMBLE STRIP 18.44 · .447 0′–12′ Painted AC .559 · .907 0′–12′ Painted AC .118 · 19.18 MILLED CENTERLINE RUMBLE STRIP |
| Divided Highway — Shoulder: Width and Type | 0 · 0 · 0 · 0 · 0 · 0 · 0 |
| Divided Highway — Pavement: Width and Type | 12′ AC · 12′ AC · 12′ AC · 12′ AC · 12′ AC · 12′ AC · 12′ AC |
| Divided Highway — Shoulder: Width and Type | 6′ AC · 6′ AC · 6′ AC 15.94 8′ AC · 6′–14′ AC · 4′ AC · 6′–14′ AC · 9′ AC |
| Number of Traffic Lanes | 2–12′ |
| Auxiliary Lanes and Parking Lanes: No. of Lanes and Width (Left Side) | .440 10′ .522 · .928 .94 .971 · .421 .449 Bus 10′ · .828 .846 Bus 10′ 11′ .885 · .001 10′ · .945 12′ .963 · .023 .051 13′ .073 |
| (Right Side) | .416 10′ 12′ .473 10′ Bus .524 12′ .583 · .864 12′ .928 12′ · 12′ Bus .376 .396 · .751 11′ .802 12′ Bus .852 .878 · .025 · .490 12′ .536 · 12′ 12′ .033 12′ |
| Frontage Road: No. of Lanes, and Width (Right and Left) | .485 .506 · .013 · .572 .639 · None · .959 .977 .984 .023 |
| Sidewalk: Width and Type (Right and Left) | 4′ Conc. .283 · .560 6′ Conc. .630 · 6′ Conc. · .454 3′ Conc. .019 |
| Curb and/or Gutter: Type (Right and Left) | .046 .065 · Curb + Gutter → .934 Conc. .207 · .576 · .924 .955 · .042 .095 · .226 .323 · .546 Conc. Curb .721 · .357 .435 · .490 .532 · .764 .824 · .980 |
| Protective Devices: Type, Location and Number | All Metal w/ Metal · .876 .899 · .972 .317 · .312 · .675 · .953 · .643 .925 |
| Illumination: Type, Location and Number | 15.49 · .673 .864 · .965 .017 M.V. .245 · .564 · .938 · .042 .062 · .221 .323 · .536 .555 · .726 .762 · .799 .861 · .488 .534 · .734 .810 · .959 |
| Curves Class: +/– Degree (A(0–3.45) B(3.45–5.44) C(5.44–8.48) D(8.48–13.85) E(13.85–28.62) F(<28.62) | A 15.75 D 16.33 A 16.73 B 16.75 16.98 A 17.59 B 17.67 A 18.47 B 18.56 A |
| Superelevation (Range) | |
| Grades Class: +/– % (A(0–.45) B(.45–2.45) C(2.45–4.45) D(4.45–6.45) E(6.45–8.45) F(<8.45) | C 16.24 B 16.56 A B A 16.77 B 17.13 D 17.23 B 17.48 C 17.98 B 18.18 A 18.38 B 18.66 A 18.91 B 19.29 C 19.49 B |
| Vertical Curve: Crest or Sag, Curve Limits | 16.63 16.69 |
| Area and Development: | Small Urban (99998) 17.02 Rural (99999) |
| Terrain: 1–Flat, 2–Rolling, 3–Mountainous | 17.13 17.34 Rolling (2) 19.08 19.23 |
| Speed: 1–Design, 2–Posted | 35 MPH ② 17.12 45 MPH ② 50 MPH ② 18.09 45 MPH ② 18.26 35 MPH ② 19.07 45 MPH ② 50 MPH ② |
| Intersection Control Devices: Type, Location and Cycle Timing | .928 · 4 PHASE .802 |
| Traffic Stations (Current Year) | B73 0050 01227 · B73 0050 01569 · B73 0050 01592 · B73 0050 01702 · B73 0050 01853 |
| HPMS Sections – AADT 2015 | 15,100 · 16,900 · 15,800 · 11,200 18.53 10,700 |
| HPMS Sections – AADT 2014 | 14,500 15.69 15,900 15.92 17,800 17.02 12,300 19.02 N/A |
| HPMS Sections – AADT 2013 | 14,678 · 15,700 · 18,000 · 10,700 |
| DOD Sections | |
| Census Tracts | |
| Functional Classification | Minor Arterial (4) |
| National Highway System (NHS) | Not on NHS (0) |
| Previous Projects: Project No., Date and Limits | |
| | 17.03 STP–050–1(18), 1997 |
| | 50C–02–01M (R) 2004 15.67 · 15.69 STP–050–1(10), 1993 |
| | (STP–050–1(14), 1998)—16.75→ 16.90 |
| | STP–050–1(12) (GUARDRAILS & SHLDR. IMPRV.), 1995 |
| | 50C–01–90M (R), 1991 15.69 · 17.01 50B–02–93M (FOG SEALING), 1994 |
| (HWY–K–01–77M (R), 1977) → | 15.11 · 18.99 HES–050–1(8) (SHLDR. & GUARDRAIL IMPRV.), 1990 |
| | 50A–01–71, 1970 · 50A–01–71, 1971 15.95 · 50C–01–76 SAFETY IMPRV. 1982 16.30 · SD–65–364, 1965 17.04 ← 17.06 —(50B–01–74, 1974) · 50B–01–86M (R), 1986 |
| | FAP 12J, 1938 · (289+59.6) 17.21 (95+67.7) FAP 29B (1), 1938 · 18.47 (27+20) FAP–F29(4), 1946 |
| SCALE: (In Miles) 4″ = 1 mile | 15 · 16 · 17 · 18 · 19 · 20 |

| Date Released | |
|---|---|
| Nov. 2001 | |
| Revised | |
| Apr. 04 | D.B. |
| July 04 | D.B. |
| Jan. 06 | D.B. |
| Feb. 08 | D.B. |
| Dec. 09 | D.B. |
| Feb. 11 | D.B. |
| Feb. 12 | D.B. |
| Feb. 13 | E.P.J. |
| Dec. 13 | E.P.J. |
| July 14 | D.B. |
| Jan 16 | C.R. |
| Aug. 16 | D.B. |

# ROAD INVENTORY
# KAUAI RTE 50
# KAUMUALII HIGHWAY

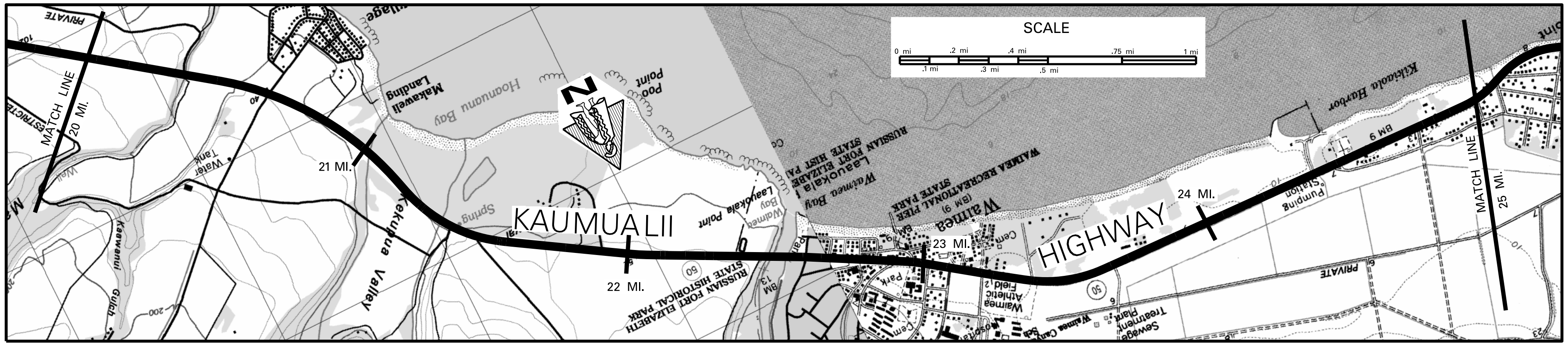
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PREPARED BY THE
HIGHWAYS PLANNING BRANCH

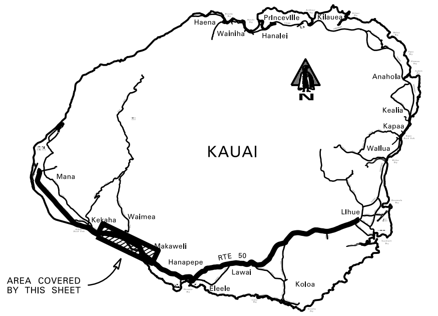
IN COOPERATION WITH THE
U.S. DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION

Total Designated Route Length: 32.92 MILES (a + b)
a. Existing Length: 32.92 MILES
b. Proposed Length: 0.00 MILES
Total Travel Way Length: 32.92 MILES (a + b, less c)
a. Existing Length: 32.92 MILES
b. Temporary Length: 0.00 MILES
c. Length used as T.W. for another Route: 0.00 MILES (–)

NEEDS STUDY ROUTE NO. ______ FUNCTIONAL CLASSIFICATION ______



| | |
|---|---|
| SCALE: (In Miles) 4″ = 1 mile | 20 · 21 · 22 · 23 · 24 · 25 |
| Maintenance Control Sections: Length and Description | 50 B (7.46 MI.); END 50 A – BEG 50 B ON KAUMUALII HWY. AT THE CENTERLINE INTERSECTION WITH KEKAHA RD. → 24.48; 50 A (8.45 MI.) |
| **Structure Carrying Road** — Bridges (Over 20′): Length, Type, Capacity and Year Constructed | 20.34: TEE BEAM 1948, H20, 115′; 21.03: TEE BEAM 1948, H20, 50′; 21.35: TEE BEAM 1948, H20, 75′; 22.47: TEE BEAM 1940, H20, 365′ |
| Vertical Clearance | 20.34; 21.03; 21.35; 22.47 |
| Horizontal Clearance | 26′; 26′; 26′; 24′ |
| **Structure Over Road** — Vertical Clearance | |
| Horizontal Clearance | |
| Right of Way Width (min.–max.) if varies | 80′ \| 20.33 \| 120′ \| 20.41 \| 80′ \| 20.64 \| 120′ \| 20.75 \| 100′ \| 20.90 \| 80′ \| 20.96 \| 90′ \| 21.35; 80′ |
| Available Right of Way Width (Needs Study) | Sugar Cane \| 20.76 \| 21.06 \| Trees + Bushes \| 21.50 \| Sugar Cane \| 22.63 \| Residential/Commercial \| 22.96 \| Residential \| 23.36 \| Ranch/Pasture (L), Sugar Cane (R) \| 24.01 \| Trees & Bushes \| 24.83 \| (Residential (R) Beach (L)) |
| Right of Way Fence: Type – Right and Left | 20.76–21.06 W/W 20′; 21.00–21.20 W/W 20′; 21.96–22.50; 22.06–22.50; 23.36–24.01 WW / WOOD / WW |
| Control of Access: 1–None, 2–Partial, 3–Full | NONE |
| Jurisdiction, Transfer Phase No. and Date (C to S or S to C) | STATE |
| Project No., Type of Construction, and Year Constructed | STP–050–1(040), PREVENTIVE MAINTENANCE, 2016 \| 7+33.31 \| 22.62 \| 23.06 \| 190+00 \| STP–050–1(041), PREVENTIVE MAINTENANCE, 2016 |
| Project No., Type of Construction, and Year Constructed | STP–050–1(18), 1997 \| (HWY–K–02–98 (IMPRV.) 2000) \| 20.54 \| 20.70 \| STP–050–1(18), 1997 \| 20.98 \| STP–050–1(25), 2005 \| 21.36 \| 73+68 \| 50B–01–06M, REHABILITATION, 2014 \| 14+90 \| 22.47 \| STP–050–1(25), GUARDRAIL/SHOULDER IMPR., 2005 |

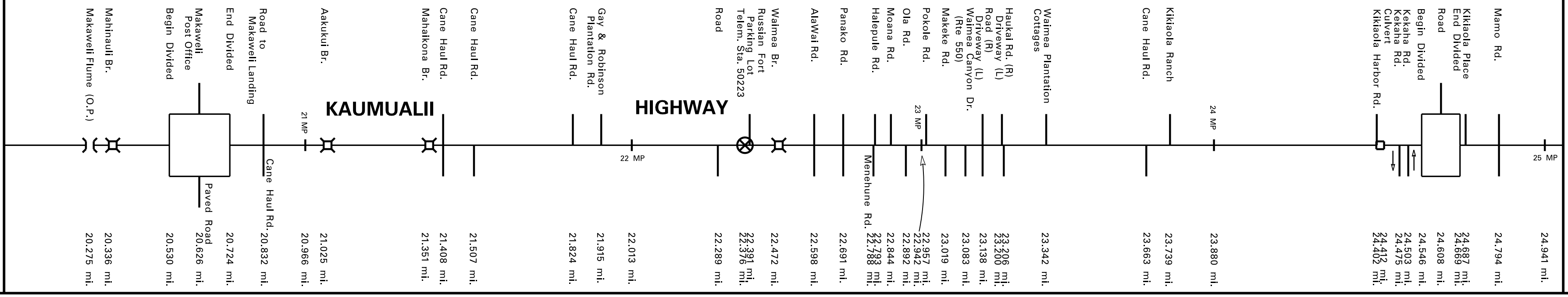


AREA COVERED BY THIS SHEET

## Road Diagram

* MP = Milepost Signage

CONTINUED FROM PAGE #4



| | |
|---|---|
| Makaweli Flume (O.P.) | 20.275 mi. |
| Mahinauli Br. | 20.336 mi. |
| Begin Divided | 20.530 mi. |
| Makaweli Post Office<br>Paved Road | 20.626 mi. |
| End Divided | 20.724 mi. |
| Road to Makaweli Landing<br>Cane Haul Rd. | 20.832 mi. |
| 21 MP | 20.966 mi. |
| Aakukui Br. | 21.025 mi. |
| Mahaikona Br. | 21.351 mi. |
| Cane Haul Rd. | 21.408 mi. |
| Cane Haul Rd. | 21.507 mi. |
| Cane Haul Rd. | 21.824 mi. |
| Gay & Robinson Plantation Rd. | 21.915 mi. |
| 22 MP | 22.013 mi. |
| Road | 22.289 mi. |
| Russian Fort Parking Lot<br>Telem. Sta. 50223 | 22.391 mi.<br>22.376 mi. |
| Waimea Br. | 22.472 mi. |
| AlaWai Rd. | 22.598 mi. |
| Panako Rd. | 22.691 mi. |
| Halepule Rd.<br>Menehune Rd. | 22.793 mi.<br>22.788 mi. |
| Moana Rd. | 22.844 mi. |
| Ola Rd. | 22.892 mi. |
| Pokole Rd.<br>23 MP | 22.957 mi.<br>22.942 mi. |
| Makeke Rd. | 23.019 mi. |
| Waimea Canyon Dr. (Rte 550) | 23.083 mi. |
| Road (R)<br>Driveway (L) | 23.138 mi. |
| Haukai Rd. (R)<br>Driveway (L) | 23.206 mi.<br>23.200 mi. |
| Waimea Plantation Cottages | 23.342 mi. |
| Cane Haul Rd. | 23.663 mi. |
| Kikiaola Ranch | 23.739 mi. |
| 24 MP | 23.880 mi. |
| Culvert<br>Kikiaola Harbor Rd. | 24.412 mi.<br>24.402 mi. |
| Kekaha Rd. | 24.475 mi. |
| Kekaha Rd. | 24.503 mi. |
| Begin Divided | 24.546 mi. |
| Road | 24.608 mi. |
| Kikiaola Place<br>End Divided | 24.687 mi.<br>24.669 mi. |
| Mamo Rd. | 24.794 mi. |
| 25 MP | 24.941 mi. |

CONTINUED ON PAGE #6

| | |
|---|---|
| SCALE: (In Miles) 4″ = 1 mile | 20 · 21 · 22 · 23 · 24 · 25 |
| **Undivided** — Shoulder: Width and Type | 6′–14′ AC \| 22.44 \| 0 \| 23.03 \| 8′ AC \| 23.21 \| 23.24 (6′ AC) \| 4′ AC |
| Pavement: Width and Type | 24′ AC \| 12′ AC \| 24′ AC \| 22.98 \| 32′ AC \| 23.06 \| 24′ AC \| 23.11 \| 23′ AC \| 23.29 \| 24′ AC \| 12′ AC \| 24′ AC |
| Shoulder: Width and Type | 6′ AC \| 20.51 \| 0 \| 6′ AC \| 0 \| 23.05 \| 4′ AC \| 0 \| 4′ AC |
| **Divided Highway** — Median: Width and Type | MILLED CENTERLINE RUMBLE STRIP .530 \| 0′–9′ Painted AC \| .724 \| 20.74 MILLED CENTERLINE RUMBLE STRIP 22.37 \| 23.44 MILLED CENTERLINE RUMBLE STRIP .546 \| 0′–13′ Painted AC \| .669 |
| Shoulder: Width and Type | 0; 0 |
| Pavement: Width and Type | 12′ AC; 12′ AC |
| Shoulder: Width and Type | 6′ AC; 4′ AC |
| Number of Traffic Lanes | 2–12′ \| .050 \| 1–12′ 1–11′ \| 23.29 \| 2–12′ |
| Auxiliary Lanes and Parking Lanes: No. of Lanes and Width (Left Side) | .626 12′ .678; .610 8′ Parking Lanes .074; .567 .608 .651 |
| (Right Side) | .576 12′ .626; .238 13′ .289 13′ .340; 13′ .567 .598; .619 8′ Parking Lanes .050; Bus 9′ 9′ 11′ .179 .206 .242 .269; 11′ 11′ |
| Frontage Road: No. of Lanes, and Width (Right and Left) | None |
| Sidewalk: Width and Type (Right and Left) | .464 3′ Conc. .259; 4′ Conc. .202 |
| Curb and/or Gutter: Type (Right and Left) | .464 Conc. Curb .786 Conc. Curb .209; .464 Conc. Curb .749 Conc. Curb .071; (Conc. Curb + 2′ Conc. Gutter); (Conc. Curb + 2′ Conc. Gutter) |
| Protective Devices: Type, Location and Number — ALL GUARDRAILS METAL ON METAL | .082; .026; .261–.519; .258–.517; .996–.075; .984–.071; .157–.402; .159–.402; .668–.816; .667–.811; .131–.214; .039–.200; .442–.545; .464–.602; .399–.447; .365–.419 |
| Illumination: Type, Location and Number | (1) M.V. 20.65; 22.59 M.V. 22.96; 23.35 M.V. 24.54 M.V. |
| Curves Class: +/– Degree (A(0–3.45) B(3.45–5.44) C(5.44–8.48) D(8.48–13.85) E(13.85–28.62) F(< 28.62) | A \| 24.96 \| B |
| Superelevation (Range) | |
| Grades Class: +/– % (A(0–.45) B(.45–2.45) C(2.45–4.45) D(4.45–6.45) E(6.45–8.45) F(< 8.45) | B \| 20.36 \| A \| 20.51 \| B \| 20.81 \| A \| 21.35 \| B \| 22.38 \| C \| 22.57 \| B \| 22.65 \| A |
| Vertical Curve: Crest or Sag, Curve Limits | |
| Area and Development: | Rural (99999) \| 22.47 \| Small Urban (99998) |
| Terrain: 1–Flat, 2–Rolling, 3–Mountainous | Rolling (2) \| 22.63 \| Flat (1) |
| Speed: 1–Design, 2–Posted | 50 MPH ② \| 20.41 \| 45 MPH ② \| 20.53 \| 35 MPH ② \| 20.57 \| 20.67 \| 20.68 \| 45 MPH ② \| 20.83 \| 50 MPH ② \| 22.20 \| 22.24 \| 35 MPH ② \| 22.56 \| 22.59 \| 25 MPH ② \| 23.38 \| 35 MPH ② \| 23.60 \| 45 MPH ② \| 23.85 \| 50 MPH ② \| 24.62 \| 45 MPH ② \| 24.78 \| 24.79 \| 35 MPH ② |
| Intersection Control Devices: Type, Location and Cycle Timing | None |
| Traffic Stations (Current Year) | B73 0050 01853 \| 22.47 \| B73 0050 02247 \| 23.08 \| B73 0050 02308 \| 24.47 \| B73 0050 02447 |
| HPMS Sections – AADT 2015 | 10,700 \| 22.47 \| 11,600 \| 23.08 \| 9,811 \| 24.47 \| 7,000 |
| HPMS Sections – AADT 2014 | N/A \| 22.69 \| 11,200 \| 23.20 \| 9,600 |
| HPMS Sections – AADT 2013 | 10,700 \| 22.47 \| 13,442 \| 23.08 \| 9,504 \| 24.48 \| 7,263 |
| DOD Sections | |
| Census Tracts | |
| Functional Classification | Minor Arterial (4) |
| National Highway System (NHS) | Not on NHS (0) |
| Previous Projects: Project No., Date and Limits | |

Previous Projects:
20.98 STP–050–1(25), GUARDRAIL/SHOULDER IMPR., 2005
21.34 50B–01–00M, Resurf., 2003 23.08
STP–050–1(18), 1997 21.36 STP–050–1(12) (GUARDRL. & SHLDR. IMPRV.), 1995
STP–050–1(12) (GUARDRAIL & SHLDR. IMPRV.), 1995 22.50 23.13 50B–01–67, 1967 24.34 (F–050–1(1), 1957)
50B–02–93M (FOG SEALING), 1994 STP–050–1(10) (R), 1993 23.13 BD 66–341 (R) 1967 24.34 24.36 BD 66–341 (R), 1967
20.36 (HES–050–1(8) (SHLDR. & GUARDRAIL IMPRV.), 1990) 50B–01–92M (R), 1992 22.50 23.04 STP–050–1(13) (R), 1995
50B–01–86M (R), 1986 21.39 HW–K–01–78M (R), 1978 23.12 LT–K–03–80M (R), 1980
FAP–F29(4), 1946 (38 + 67.4) 22.04 FAP 29 A(1), 1938 22.78 FAP 29 D(1), 1940 22.96 23.12 FAP 29D (1), 1941 (135 + 00) 24.13 (492 + 94) DAWR 1, 1942 – 1944
(0 + 00) (206 + 00.1)

SCALE: (In Miles) 4″ = 1 mile 20 21 22 23 24 25

| Date Released | |
|---|---|
| Nov. 2001 | |
| Revised | |
| Feb. 04 | D.B. |
| July 04 | D.B. |
| Jan. 06 | D.B. |
| Sept. 10 | D.B. |
| Feb. 11 | D.B. |
| Feb. 12 | D.B. |
| Feb. 13 | E.P.J. |
| Dec. 13 | E.P.J. |
| July 14 | D.B. |
| Jan 16 | C.R. |
| Aug. 16 | D.B. |

ROAD INVENTORY

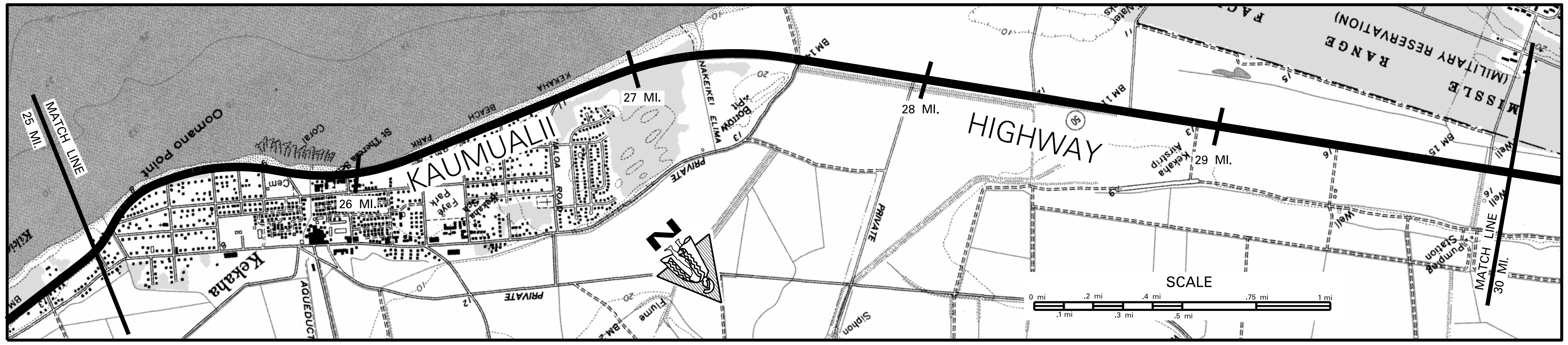
# KAUAI RTE 50
# KAUMUALII HIGHWAY

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PREPARED BY THE
HIGHWAYS PLANNING BRANCH
IN COOPERATION WITH THE
U.S. DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION

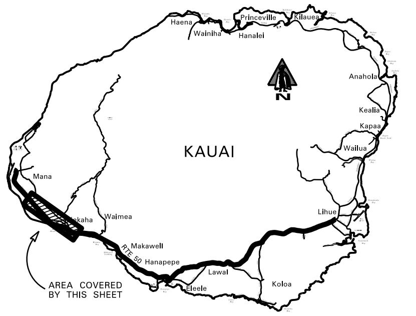
Total Designated Route Length: 32.92 MILES (a+b)
a. Existing Length: 32.92 MILES
b. Proposed Length: 0.00 MILES
Total Travel Way Length: 32.92 MILES (a+b, less c)
a. Existing Length: 32.92 MILES
b. Temporary Length: 0.00 MILES
c. Length used as T.W. for another Route: 0.00 MILES (–)

NEEDS STUDY ROUTE NO. ______ FUNCTIONAL CLASSIFICATION ______



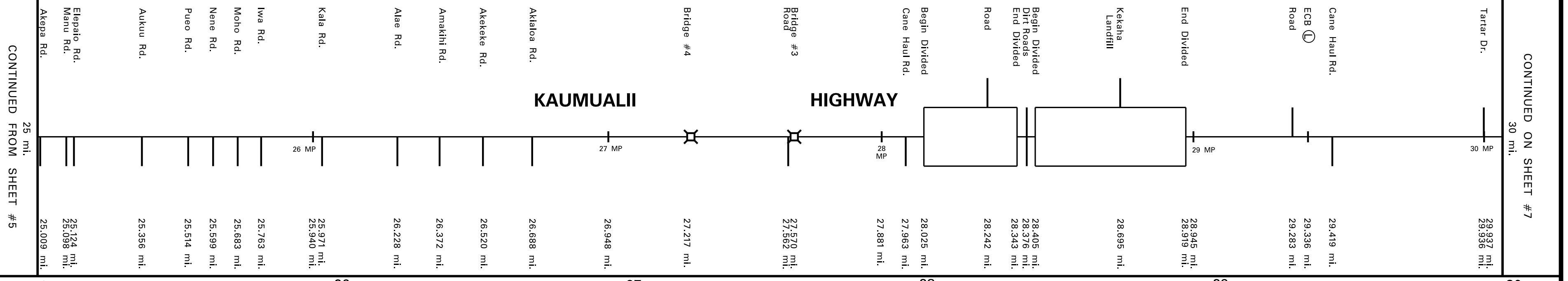
SCALE: (In Miles) 4″ = 1 mile — 25, 26, 27, 28, 29, 30

| | |
|---|---|
| Maintenance Control Sections: Length and Description | 50 A (8.45 MI.) |
| Structure Carrying Road — Bridges (Over 20′): Length, Type, Capacity and Year Constructed | 27.22: RC CONT. FLAT SLAB (CNL) HS–20, 1957, 68′<br>27.57: RC FLAT SLAB (CNL) 1957, 33′ |
| Structure Carrying Road — Vertical Clearance | |
| Structure Carrying Road — Horizontal Clearance | 27.22: 42′<br>27.57: 42′ |
| Structure Over Road — Vertical Clearance | |
| Structure Over Road — Horizontal Clearance | |
| Right of Way Width (min.–max.) if varies | 80′ \| 26.55 \| 100′ |
| Available Right of Way Width (Needs Study) | Residential (R) Beach (L) \| 26.81 \| 1000′ Clear (Bushes & Sugar Cane 20′ F.E.P.)) |
| Right of Way Fence: Type – Right and Left | 25.73–25.77 Wood 25′ FEP<br>28.01–28.29 WW 50′ FEP<br>28.41–28.71 WW 50′ FEP<br>28.41–29.96 WW 75′ FEP |
| Control of Access: 1–None, 2–Partial, 3–Full | NONE |
| Jurisdiction, Transfer Phase No. and Date (C to S or S to C) | STATE |
| Project No., Type of Construction, and Year Constructed | STP–050–1(041), PREVENTIVE MAINTENANCE, 2016 (267+00) (238+20) |
| Project No., Type of Construction, and Year Constructed | STP–050–1(25), GUARDRAIL AND SHOULDER IMPROVEMENTS, 2005 \| 28.37 \| 50AB–01–08M, Pav′t Marking, 2009 \| 28.92 \| STP–050–1(25), GUARDRAIL AND SHOULDER IMPROVEMENTS, 2005 |



## Road Diagram

MP=Milepost Signage



SCALE: (In Miles) 4″ = 1 mile — 25, 26, 27, 28, 29, 30

| | |
|---|---|
| Divided Highway — Undivided — Shoulder: Width and Type | 4′ AC \| 25.08 \| 20′ AC \| 25.30–25.34 (4′ AC) \| 5′ AC \| 27.15–27.19 (34′ AC) \| 4′ AC \| 28.51 \| 6′ AC |
| Pavement: Width and Type | 24′ AC \| 25.19 \| 22′ AC \| 25.35 \| 24′ AC \| 12′ AC \| (24′ AC) \| 11′ AC \| 22′ AC |
| Shoulder: Width and Type | 4′ AC \| 26.02 \| 6′ AC \| 0 \| (6′ AC) \| 0 \| 6′ AC |
| Median: Width and Type | 26.54 MILLED CENTERLINE RUMBLE STRIP 27.97 \| .025 0′–11′ Painted AC .343 \| .405 0′–18′ Painted AC .919 \| MILLED CENTERLINE RUMBLE STRIP |
| Shoulder: Width and Type | 0 \| 0 |
| Pavement: Width and Type | 12′ AC \| 11′ AC |
| Shoulder: Width and Type | 6′ AC \| 6′ AC |
| Number of Traffic Lanes | 2–12′ \| 25.19 \| 2–11′ \| 25.35 \| 2–12′ |
| Auxiliary Lanes and Parking Lanes: No. of Lanes and Width (Left Side) | .642 .695 .781 \| .181 11′ .283 11′ .396 |
| (Right Side) | .924 10′ .963 \| .124 11′ .242 \| .566 13′ 13′ .771 (.695) |
| Frontage Road: No. of Lanes, and Width (Right and Left) | None |
| Sidewalk: Width and Type (Right and Left) | None |
| Curb and/or Gutter: Type (Right and Left) | None |
| Protective Devices: Type, Location and Number — ALL GUARDRAILS METAL ON METAL | .081–.117 \| .829–.853 \| .201–.243 \| .565–.599 |
| Illumination: Type, Location and Number | .075–.092 \| M.V. \| 25.55 \| 25.65 \| 25.67 (M.V.) \| 26.01 \| M.V. \| 26.27 \| .206–.248 \| .538–.594 |
| Curves Class: +/– Degree (A(0–3.45) B(3.45–5.44) C(5.44–8.48) D(8.48–13.85) E(13.85–28.62) F(<28.62) | B \| 25.08 \| A \| 25.11 \| B \| 25.34 \| A |
| Superelevation (Range) | |
| Grades Class: +/– % (A(0–.45) B(.45–2.45) C(2.45–4.45) D(4.45–6.45) E(6.45–8.45) F(<8.45) | A |
| Vertical Curve: Crest or Sag, Curve Limits | |
| Area and Development: | Small Urban (99998) \| 27.21 \| Rural (99999) |
| Terrain: 1–Flat, 2–Rolling, 3–Mountainous | Flat (1) |
| Speed: 1–Design, 2–Posted | 35 MPH ② \| 26.75–26.78 \| 50 MPH ② |
| Intersection Control Devices: Type, Location and Cycle Timing | None |
| Traffic Stations (Current Year) | B73 0050 02447 \| B73 0050 02668 \| (B73 0050 02993) |
| HPMS Sections – AADT 2015 | 7,000 \| 26.68 \| 3,699 \| 29.93 \| (2,900) |
| HPMS Sections – AADT 2014 | 9,600 \| 25.68 \| 1,200 \| 470 |
| HPMS Sections – AADT 2013 | 7,263 \| 26.22 \| 3,590 \| 28.69 \| 965 |
| DOD Sections | |
| Census Tracts | |
| Functional Classification | Minor Arterial (4) |
| National Highway System (NHS) | Not on NHS (0) |
| Previous Projects: Project No., Date and Limits | (F–050–1(1), 1957) 25.06 \| STP–050–1(25), GUARDRAIL AND SHOULDER IMPROVEMENTS, 2005 |
| | (BD 66–341 (R), 1967) \| 25.11 \| ER–10(2) (STORM DAMAGE RECONSTRUCTION), 1984 \| 27.26 |
| | 25.08 \| ER–11(2), 1997 \| 25.34 \| (F–050–1(1), 1957)— 25.78 \| 25.84 \| 26.46 \| 50E–03–68 (R), 1968 \| 27.08 \| HWY–K–01–82M (R), 1968 \| 28.42 \| STP–050–1(12) (GUARDRL. & SHLDR, IMPRV.), 1995 |
| | STP–050–1(13) (R), 1995 \| 50A–01–89M (R), 1990 |
| | BD 66–341 (R), 1967 \| 26.23 \| (F–50–1(1), 1957) \| (50E–03–68 (R), 1968) |
| | LT–K–03–80M (R), 1980 \| 25.87 \| 26.46 \| 50E–03–68 (R), 1968 \| 27.21 \| 27.26 \| LT–K–03–80M (R), 1980 \| 27.59 \| 50 E–03–68 (R), 1968 \| 28.30 |
| | DAWR 1, 1942 – 1944 \| (27.23) \| DAWR 1, 1942 – 1944 |

SCALE: (In Miles) 4″ = 1 mile — 25, 26, 27, 28, 29, 30

| Date Released | |
|---|---|
| Nov. 2001 | |
| Revised | |
| Jan. 06 | D.B. |
| Sept. 10 | D.B. |
| Feb. 11 | D.B. |
| Feb. 12 | D.B. |
| Feb. 13 | E.P.J. |
| Dec. 13 | E.P.J. |
| July 14 | D.B. |
| Jan 16 | C.R. |
| Aug. 16 | D.B. |

# ROAD INVENTORY
# KAUAI RTE 50
# KAUMUALII HIGHWAY, LIO RD. , KAO RD.

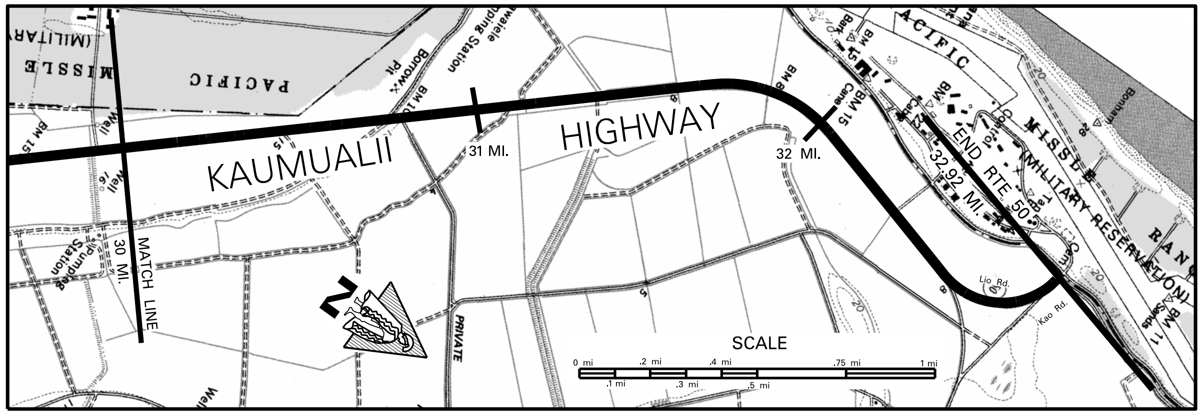
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PREPARED BY THE
HIGHWAYS PLANNING BRANCH

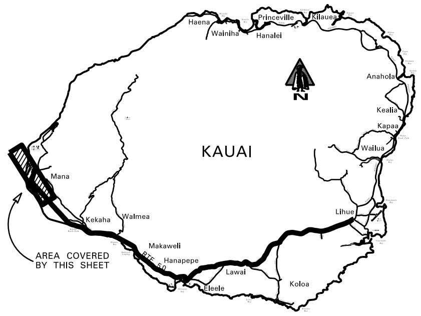
IN COOPERATION WITH THE
U.S. DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION

Total Designated Route Length: 32.92 MILES (a + b)
a. Existing Length: 32.92 MILES
b. Proposed Length: 0.00 MILES
Total Travel Way Length: 32.92 MILES (a + b, less c)
a. Existing Length: 32.92 MILES
b. Temporary Length: 0.00 MILES
c. Length used as T.W. for another Route: 0.00 MILES (–)

NEEDS STUDY ROUTE NO. ______ FUNCTIONAL CLASSIFICATION ______

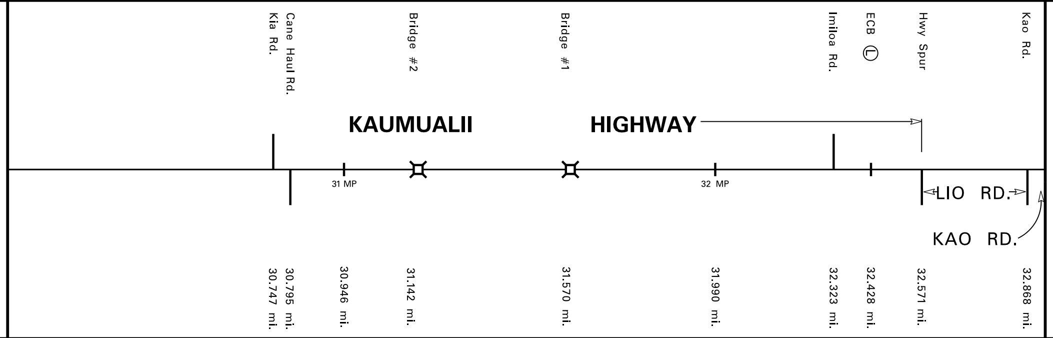


| | |
|---|---|
| SCALE: (In Miles) 4" = 1 mile | 30 · 31 · 32 · 33 · 34 · 35 |
| Maintenance Control Sections : Length and Description | 50 A (8.45 MI.) · BEG. 50 A – SAME AS END RTE 50. |
| | |
| Structure Carrying Road: Bridges (Over 20'): Length, Type, Capacity and Year Constructed | RC FLAT SLAB (CNL) HS–20, 1957 41' · 41' RC FLAT SLAB (CNL) HS–20, 1957 |
| Vertical Clearance | 31.14 · 31.57 |
| Horizontal Clearance | 42' · 42' |
| Structure Over Road: Vertical Clearance | |
| Horizontal Clearance | |
| Right of Way Width (min.–max.) if varies | 100' |
| Available Right of Way Width (Needs Study) | 1000' Clear (Bushes & Sugar Cane 20' F.E.P.) |
| Right of Way Fence: Type – Right and Left | NONE |
| Control of Access: 1–None, 2–Partial, 3–Full | NONE |
| Jurisdiction, Transfer Phase No. and Date (C to S or S to C) | 133 + 00 · STATE |
| Project No., Type of Construction, and Year Constructed | STP–050–1(041), PREVENTIVE MAINENANCE, 2016 · 30.95 |
| Project No., Type of Construction, and Year Constructed | STP–050–1(25), (GUARDRL.& SHLDR. IMPRV.), 2005 · 31.60 · 50A–01–02M 2004 RESURFACE |



**Road Diagram**
* MP = Milepost Signage

CONTINUED FROM SHEET #6
30 mi.



* NOTE: ROUTE LENGTH ADJUSTED TO MATCH '15 VIDEOLOG & '15 FEATURES DATABASE.

END RTE 50 ON KAO ROAD AT THE NORTH ENTRANCE GATE OF THE PACIFIC MISSLE RANGE FACILITY.
*32.918 mi.

| | |
|---|---|
| SCALE: (In Miles) 4" = 1 mile | 30 · 31 · 32 · 33 · 34 · 35 |
| Divided Highway – Undivided: Shoulder: Width and Type | 6' AC |
| Pavement: Width and Type | 22' AC |
| Shoulder: Width and Type | 6' AC |
| Median: Width and Type | MILLED CENTERLINE RUMBLE STRIP · 30.95 |
| Shoulder: Width and Type | |
| Pavement: Width and Type | |
| Shoulder: Width and Type | |
| Number of Traffic Lanes | 2–11' |
| Auxiliary Lanes and Parking Lanes: No. of Lanes and Width (Left Side) | NONE |
| (Right Side) | |
| Frontage Road: No. of Lanes, and Width (Right and Left) | NONE |
| Sidewalk: Width and Type (Right and Left) | NONE |
| Curb and/or Gutter: Type (Right and Left) | NONE |
| Protective Devices: Type, Location and Number | ALL GUARDRAILS METAL ON METAL · .141–.175 · .553–.595 · .511–.535 <br> .119–.169 · .549–.581 · .506–.530 |
| Illumination: Type, Location and Number | NONE |
| Curves Class: +/– Degree (A(0–3.45) B(3.45–5.44) C(5.44–8.48) D(8.48–13.85) E(13.85–28.62) F( < 28.62) | A · 32.55 · D · 32.57 · B · 32.90 · A |
| Superelevation (Range) | |
| Grades Class: +/– % (A(0–.45) B(.45–2.45) C(2.45–4.45) D(4.45–6.45) E(6.45–8.45) F( < 8.45) | A |
| Vertical Curve: Crest or Sag, Curve Limits | |
| Area and Development: | Rural (99999) |
| Terrain: 1–Flat, 2–Rolling, 3–Mountainous | Flat (1) |
| Speed: 1–Design, 2–Posted | 50 MPH ② · 32.22 · 32.23 · 35 MPH ② |
| Intersection Control Devices: Type, Location and Cycle Timing | NONE |
| Traffic Stations (Current Year) | B73 0050 02993 · B73 0050 03074 |
| HPMS Sections – AADT 2014 | 2,900 · 30.74 · 480 |
| HPMS Sections – AADT 2013 | 470 · 32.32 · 8,900 |
| HPMS Sections – AADT 2012 | 965 · 32.56 · 753 · 32.87 · 818 |
| DOD Sections | |
| Census Tracts | |
| Functional Classification | Minor Arterial (4) |
| National Highway System (NHS) | Not on NHS (0) |
| Previous Projects: Project No., Date and Limits | |
| | STP–050–1(12) (GUARDRL.& SHLDR. IMPRV.), 1995 · 30.94 · 50A–01–02M 2004 RESURFACE |
| | STP–050–1(12) (GUARDRL.& SHLDR. IMPRV.), 1995 |
| | 30.94 · 50A–01–89M (R), 1990 |
| | 31.17 · (F–050–1(1), 1957) · 31.61 · 50A–02–70 (R), 1970 · (F–050–1(1), 1957) · 32.54 |
| | DAWR 1, 1942 – 1944 · (31.18) · (31.60) · (32.51) |
| SCALE: (In Miles) 4" = 1 mile | 30 · 31 · 32 · 33 · 34 · 35 |

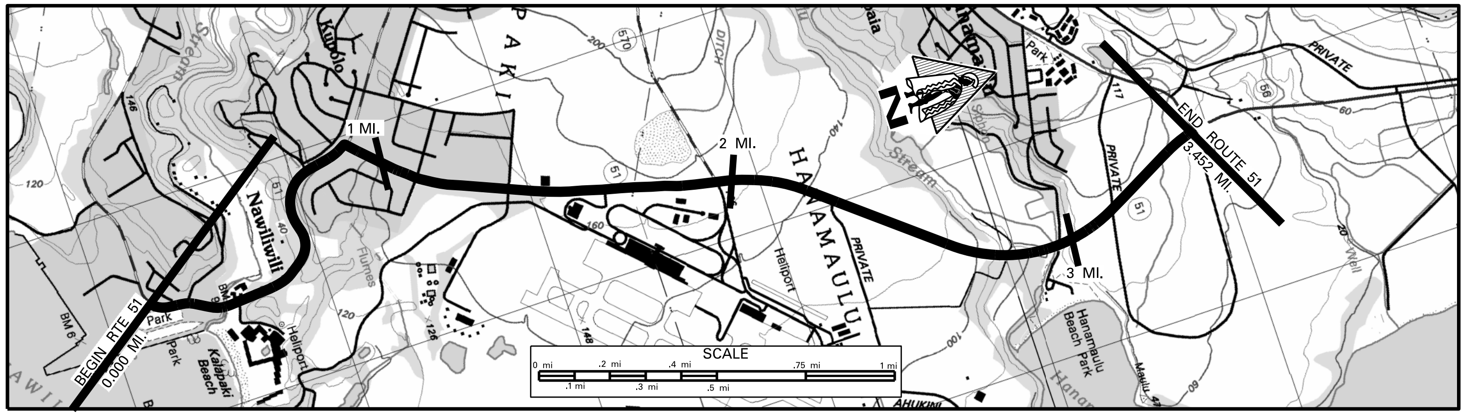
| Date Released | |
|---|---|
| *Nov. 2001* | |
| **Revised** | |
| *Jan. 06* | *D.B.* |
| *Sept. 10* | *D.B.* |
| *Feb. 11* | *D.B.* |
| *Feb. 12* | *D.B.* |
| *Feb. 13* | *E.P.J.* |
| *Dec. 13* | *E.P.J.* |
| *July 14* | *D.B.* |
| *Jan 16* | *C.R.* |
| *Aug. 16* | *D.B.* |

# ROAD INVENTORY
# KAUAI RTE 51
# WAAPA RD., RICE ST., KAUAI VETERANS MEMORIAL HWY., KAPULE HWY

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PREPARED BY THE
HIGHWAYS PLANNING BRANCH
IN COOPERATION WITH THE
U.S. DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION

**Total Route Length:** 3.452 miles
**a. Survey Length:** 3.452 miles
**b. Proposed Length:** 0.00 miles
**c. Other Length:** 0.00 miles



SCALE: (In Miles) 4" = 1 mile — 0 | 1 | 2 | 3 | 4 | 5

Maintenance Control Sections: Length and Description — Begin 51A Same as Begin Rte 51 | 51A (0.91 MI.) | End 51A on Rice St. 830' N.W. of Mokoi St. Center Line. | 0.91 | 51B (1.04 MI.) | 1.95

**Structure Carrying Road**

Bridges (Over 20'): Length, Type, Capacity and Year Constructed — SS–CONC. TEE 1933 H–15, 50' | PRESTRESSED CONC. GIRDER, 1988 HS–20–40, 1140'

Vertical Clearance — 0.21 | 2.78

Horizontal Clearance — 24' | 40'

**Structure Over Road**

Vertical Clearance

Horizontal Clearance

Right of Way Width (min.–max.) if varies — 80' | 0.11 | 50' | 0.35 | 60' | 0.60 | 70' | 0.65 | 60' | 0.77 | 50' | 100' | 1.98 | 160' | 2.27 | 150'–155' | 2.49 | 180' | 2.66 | 190' | 215' | 2.76 | 2.81 | 120'–165' | 2.86 | 205'–285' | 2.91 | 120'–195' | 3.02 | 180'–210' | 3.15 | 150'–165'

Available Right of Way Width (Needs Study) — Res./Comm. | 0.50 | Trees & Bushes | 0.93 | Res./Comm. | 1.77

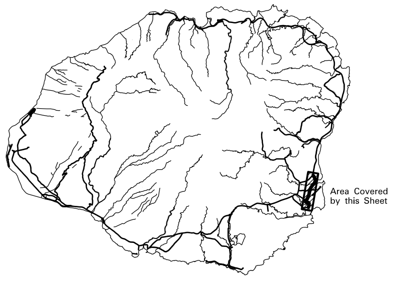
Right of Way Fence: Type – Right and Left — 1.46 | Wire | 1.52

Control of Access: 1–None, 2–Partial, 3–Full — None

Jurisdiction, Transfer Phase No. and Date (C to S or S to C) — State | 66+00 | 134+35

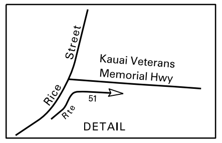
Project No., Type of Construction, and Year Constructed — NH–051–1(10), R, 2002 | 0.80 | 1.01 | STP–051–1(9), Imprv., 2000 | 1.20 | 1.77 | STP–051–1(20), Imprv., 2000 | 2.13 | NH–051–1(011), RESURFACE, 2014 | 3.43

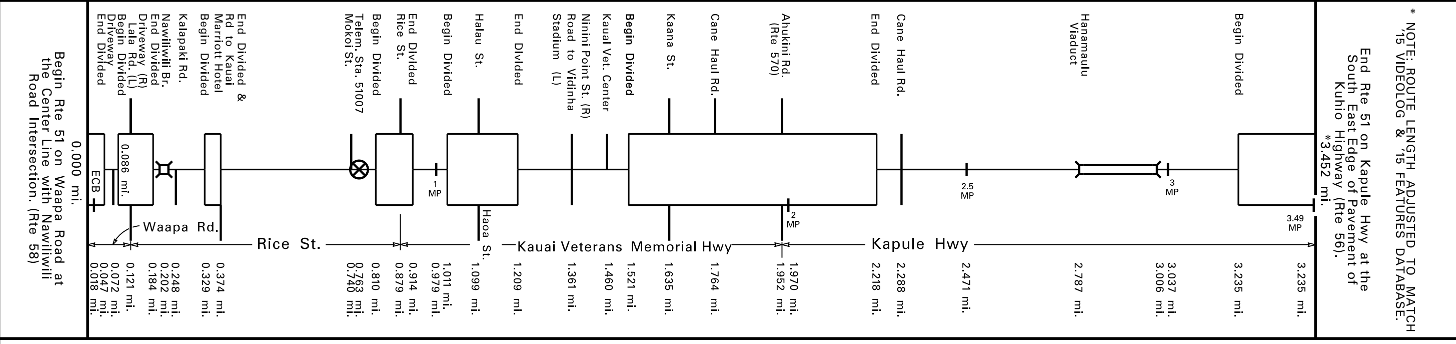
Project No., Type of Construction, and Year Constructed — 0.43 | STP–0700(38), 1998 | 0.74 | 0.84 | 51B–01–92M, (R) 1993 | 1.50 | DP–F–051–1(3), 1975 | 1.74 | F–051(7), 1988 | 2.09 | 51B–01–00M, 2001, Imprv.



## Road Diagram

* MP = Milepost Signage





SCALE: (In Miles) 4" = 1 mile — 0 | 1 | 2 | 3 | 4 | 5

**Divided Highway**

**Undivided**

Shoulder: Width and Type — 8'AC | 4'–6' Grs. | 0.24 | 4'–6' AC | 2' AC/ 4' Grass | 0.97 | 10' AC | .079 | 10' PCC | 1.56 | 8' PCC | .809 | 8' AC | .158 | 8' UTW | 8' PCC | 8' UTW | .402 | (8' AC)

Pavement: Width and Type — (23'/24' AC) | (11'/12' AC) | 11'/12' AC | 23'/24' AC | (11'–12' AC) | 23'/24' AC | 11'/12' AC | 23'/24' AC | 11'/12' AC | 11'/12' PCC | 23'/24' PCC | 11'/12' PCC | .600 | 12' PCC | 12' AC | (12' UTW) | 24' UTW | .787 | 24' PCC | .006 | 24' UTW | 12' UTW | (12' AC)

Shoulder: Width and Type — 0 | 8' AC | 0 | 8' AC | 0 | 2'–4' AC | 0 | 9' AC | 0 | 8'–10' PCC | 0 | 8' UTW | 8' PCC | 8' UTW | 0

Median: Width and Type — (0'–13' Paint) | 0'–9' Paint | (0'–11' Paint) | (0'–10' Painted AC) | 0'–9' Painted | 0'–12' Painted PCC | 0'–27' Painted AC | (0'–18' Painted UTW) | 0'–8' Painted UTW | (0'–8' Painted AC)

Median Barriers: — .047 | .086 | .184 | .329 | .374 | .810 | .914 | .011 | AC | PCC | .209 | .521 | .809 | .158 | .218 | .235 | .402

Shoulder: Width and Type — 0 | 0 | 0 | 0 | .079 | 0 | 0 | .158 | 0

Pavement: Width and Type — 12' AC | 12' AC | 12' AC | 12' AC | 12' AC | 12' PCC | 12' PCC | 12' AC | (12' UTW) | 12' UTW | (12' AC)

Shoulder: Width and Type — 8' AC | 8'–10' AC | (4'–8' AC) | 8' AC | 10' AC | 10' PCC | 8'–10' PCC | .809 | 8'–10' AC | (8' UTW) | 8' UTW | .402 | (8' AC)

Number of Traffic Lanes — 1–11'/12' | .600 | .709 | 2–12' | 1–12' | .131 | .972 | .163 | .119

Auxiliary Lanes and Parking Lanes: No. of Lanes and Width (Left Side) — 10' | .030 | .121 | .131 | .149 | 12' | .374 | 10' | .433 | .879 | 10' | 12' | .037 | .099 | 10' | 10' | .180 | .561 | .635 | 12' | 12' | .848 | .952 | 12' | 12' | .403 | 10'

(Right Side) — .096 | 12' | .412 | 12' Truck Climb Lane | 16' | .879 | .945 | 10' | 10' | .099 | .536 | 12' | 12' | .715 | AUX LANE | 12' | 18' | .068 | .317 | 12'

Frontage Road: No. of Lanes, and Width (Right and Left) — .829 | .039 | None | .635 | .881 | .032

Sidewalk: Width and Type (Right and Left) — .056 | .110 | (6' Conc.) | 5' Conc. | .166 | .425 | .581 | .929 | .983 | .246 | .330

Curb and/or Gutter: Type (Right and Left) — .056 | .110 | (Conc. Curb) | .265 | Conc. Gutter | .731 | BP Curb | .148 | .226 | (Curb) | (Conc. Curb) | AC Curb | Conc Curb | .787 | .006 | Conc Curb | (8' Conc Gutter) | Conc Curb | 8' Conc Gutter | .768 | .013 | 8' Conc Gutter | Conc Curb | (AC Curb)

Protective Devices: Type, Location and Number — Metal Rails on Metal Posts — .180 | .232 | .173 | .220 | .428 | .737 | .147 | .222 | (Metal Wire on Metal Posts) | .939 | .970 | .129 | .591 | .755 | .037 | .756 | .038 | .179 | .431

Illumination: Type, Location and Number — 0.02 | M.V. | 0.17 | Inc. | 0.37 | 0.78 | Inc. | 0.91 | 1.83 | M.V. | 2.18 | 3.38 | M.V.

Curves Class: +/– Degree (A(0–3.45) B(3.45–5.44) C(5.44–8.48) D(8.48–13.85) E(13.85–28.62) F(< 28.62) — D | 0.08 | C | 0.14 | A | 0.16 | C | 0.24 | A | 0.34 | C | 0.44 | A | 0.46 | D | 0.81 | A | D | 0.86 | A F | 0.90 | A

Superelevation (Range)

Grades Class: +/– % (A(0–.45) B(.45–2.45) C(2.45–4.45) D(4.45–6.45) E(6.45–8.45) F(< 8.45) — A | 0.22 | D | 0.68 | B

Vertical Curve: Crest or Sag, Curve Limits

Area and Development: — Small Urban (99998)

Terrain: 1–Flat, 2–Rolling, 3–Mountainous — 0.07 | Flat (1) | 0.27 | Mountainous (3) | 0.77 | .027 | .866 | Flat (1) | .330

Speed: 1–Design, 2–Posted — (Not Posted) | .032 | 25 MPH (2) | .583 | 35 MPH (2) | .027 | .199 | 40 MPH (2) | .758 | 35 MPH (2) | .866 | 2.05 | MS2012 (–) side | 50 MPH (2) | .330 | 35 MPH(2) | (Not Posted)

Intersection Control Devices: Type, Location and Cycle Timing — .032 | Stop Sign | .879 | 4 Phase | .099 | Traffic Light | .635 | 4 Phase | .952 | .328 | .452 | 2 Phase

Traffic Stations (Current Year) — B73 0051 00000 | B73 0051 00088 | B73 0051 00196

HPMS Sections – AADT 2015 — 14,100 | 0.88 | 15,700 | 20,700

HPMS Sections – AADT 2014 — 15,200 | 1.37 | 22,200 | 1.96 | N/A

HPMS Sections – AADT 2013 — 13,500 | 0.12 | 14,157 | 0.41 | 13,800 | 0.81 | (16,320) | 0.87 | 13,658 | 1.94 | 20,381

DOD Sections

Census Tracts

Functional Classification — Principal Arterial (3)

National Highway System (NHS) — On NHS (1)

Previous Projects: Project No., Date and Limits

(STP–058—1(2), Realign, 1993) | 0.08 | 51A–01–88M, (R) 1988 | 0.79 | (50E–05–69, 1969, Resurf. & Truck Climb) | 0.90 | DP–F–051–1(3), 1975 | 1.74 | F–015–1(7), 1988

County | 0.09 | FAP E–12–A, 1932 | 50E–05–69, 1969 | 0.87 | (FAP–E–12–A, 1932) | 0.88 | DP–F–051–1(3), 1974 | 2.00 | 2.78 | F–051–1(8), 1988 | 2.99 | F–051–1(7), 1988

SCALE: (In Miles) 4" = 1 mile — 0 | 1 | 2 | 3 | 4 | 5

| Date Released | |
|---|---|
| April 04, D.B. | |
| Revised | |
| Sept. 10 | D.B. |
| Feb. 11 | D.B. |
| Feb. 12 | D.B. |
| Feb. 13 | E.P.J. |
| Dec. 13 | E.P.J. |
| July 14 | D.B. |
| Jan 16 | C.R. |
| Aug. 16 | D.B. |

SHEET 1 of 1 KAUAI RTE 51

# ROAD INVENTORY

# KAUAI RTE 56
# KUHIO HIGHWAY

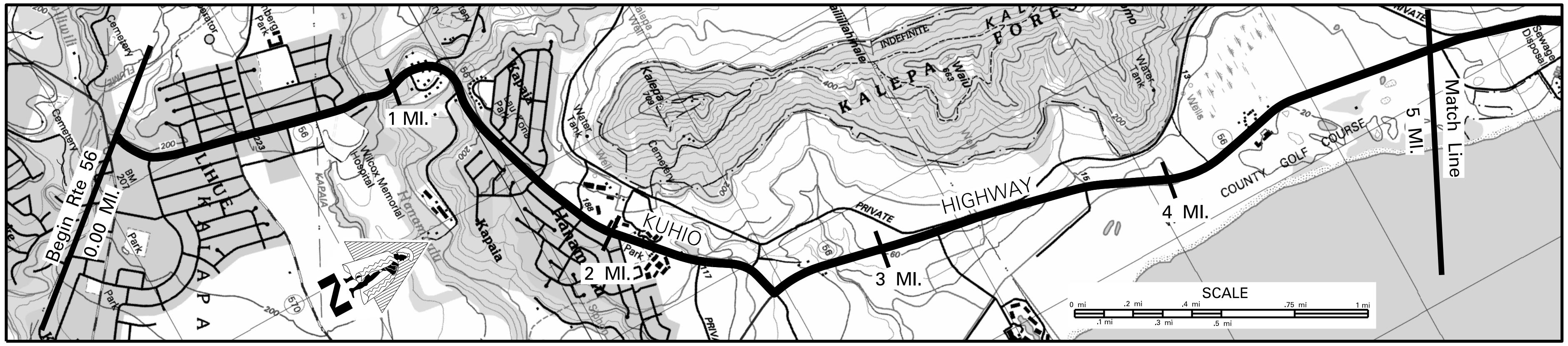
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PREPARED BY THE
HIGHWAYS PLANNING BRANCH

IN COOPERATION WITH THE
U.S. DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION

Total Designated Route Length: 28.12 MILES (a+b)
a. Existing Length: 28.12 MILES
b. Proposed Length: None MILES
Total Travel Way Length: 28.12 MILES (a+b, less c)
a. Existing Length: 28.12 MILES
b. Temporary Length: None MILES
c. Length used as T.W. for another Route: None MILES (–)

NEEDS STUDY ROUTE NO. ______ FUNCTIONAL CLASSIFICATION ______

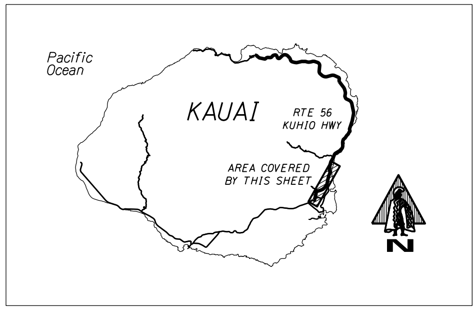


SCALE: (In Miles) 4" = 1 mile — 0 | 1 | 2 | 3 | 4 | 5

**Maintenance Control Sections : Length and Description:** 0.00 ← Begin 56A on Kuhio Hwy at the Centerline Intersection with Kaumualii Hwy and Rice St.; 56A (9.86 MI.)

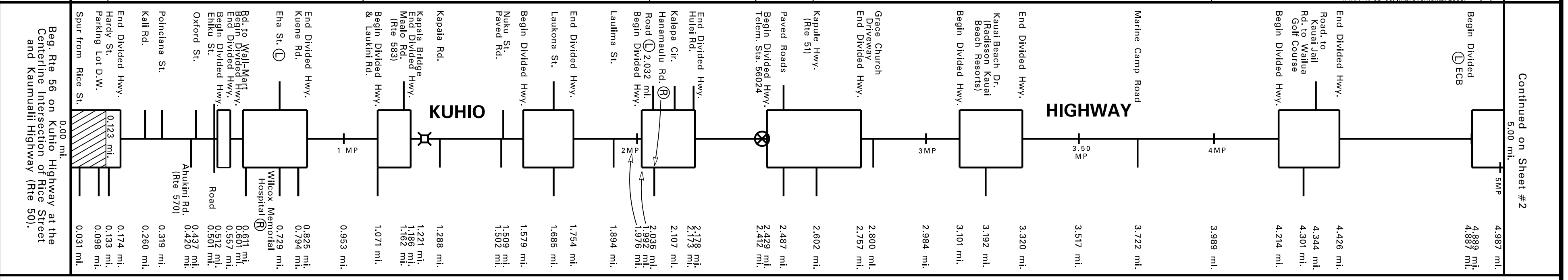
**Structure Carrying Road — Bridges (Over 20'): Length, Type, Capacity and Year Constructed:** Tee Beam (STR) 1933 H15; 157'
**Vertical Clearance:** 1.22
**Horizontal Clearance:** 27'
**Structure Over Road — Vertical Clearance:**
**Horizontal Clearance:**

**Right of Way Width (min.–max.) if varies:** 85' 0.14 50' 0.92 70' 0.98 80' 1.06 60' 1.29 120' 1.38 80' 1.43 65' 1.72 70' 1.80 60' 4.18 100'
**Available Right of Way Width (Needs Study)** (FEP=From Edge of Pav't): Commercial / Residential 2.24 Clear 1000' – Sugar Cane 20' FEP
**Right of Way Fence: Type – Right and Left** (FEP=From Edge of Pav't): Chain Link 50' FEP 0.80 0.85
**Control of Access: 1–None, 2–Partial, 3–Full:** (56A–01–04M, RESURF., 2005) None
**Jurisdiction, Transfer Phase No. and Date (C to S or S to C):** 133+47.30; 139+00; 144+50; 223+82.59 State 250+00; 250+00
**Project No., Type of Construction, and Year Constructed:** (50E–01–98, 2001 (REALIGNMENT)) → 0.12 56A–01–00M 2004 RESURFACE 0.80 0.91 1.01 56A–01–04M, RESURF., 2005 2.42 HSIP–056–1(54) INTER. IMPRV. 2014 2.80 2.98 HSIP–056–1(53), 2012, SAFETY IMPROVEMENTS 352+98
**Project No., Type of Construction, and Year Constructed:** 0.13 97+75.91 56A–01–13M,(R),2015 144+50 1.02 2.02 56A–01–90M (R) 1991 2.39 F–051–1(7) 1988 2.59 STP–056–(41) (R) 1999 303+55 3.98 STP–0700(58), GUARDRAILS, 2008 4.92 (HWY–K–03–00, Improvements, 2003) →



▨ Indicates Grass & / or Physical Barrier on Median.

**Road Diagram**
* MP=Milepost Signage


Beg. Rte 56 on Kuhio Highway at the Centerline Intersection of Rice Street and Kaumualii Highway (Rte 50).
0.00 mi.
0.123 mi.
Spur from Rice St. 0.031 mi.
Parking Lot D.W. 0.098 mi.
Hardy St. 0.133 mi.
End Divided Hwy. 0.174 mi.
Kali Rd. 0.260 mi.
Poinciana St. 0.319 mi.
Ahukini Rd. (Rte 570) 0.420 mi.
Oxford St. 0.437 mi.
Road 0.501 mi.
Ehiku St. 0.512 mi.
Begin Divided Hwy. 0.557 mi.
End Divided Hwy. 0.601 mi.
Begin Divided Hwy. 0.611 mi.
Rd. to Wall–Mart
Eha St. Ⓛ 0.729 mi.
Wilcox Memorial Hospital Ⓡ 0.794 mi.
Kuene Rd. 0.825 mi.
End Divided Hwy.
1 MP 0.953 mi.
Begin Divided Hwy. & Laukini Rd. 1.071 mi.
Maalo Rd. (Rte 583) 1.162 mi.
End Divided Hwy. 1.186 mi.
Kapaia Bridge 1.221 mi.
Kapaia Rd. 1.288 mi.
KUHIO
Paved Rd. 1.502 mi.
Nuku St. 1.509 mi.
Begin Divided Hwy. 1.579 mi.
Laukona St. 1.685 mi.
End Divided Hwy. 1.754 mi.
Laulima St. 1.894 mi.
Begin Divided Hwy. 1.976 mi.
2MP 1.992 mi.
Road Ⓛ 2.032 mi.
Hanamaulu Rd. Ⓡ 2.036 mi.
Kalepa Cir. 2.107 mi.
Hulei Rd. 2.173 mi.
End Divided Hwy. 2.178 mi.
Telem. Sta. 56024 2.412 mi.
Begin Divided Hwy. 2.429 mi.
Paved Roads 2.487 mi.
Kapule Hwy. (Rte 51) 2.602 mi.
End Divided Hwy. 2.757 mi.
Grace Church Driveway 2.800 mi.
3MP 2.984 mi.
Begin Divided Hwy. 3.101 mi.
Kauai Beach Dr. (Radisson Kauai Beach Resorts) 3.192 mi.
End Divided Hwy. 3.320 mi.
HIGHWAY
3.50 MP 3.517 mi.
Marine Camp Road 3.722 mi.
4MP 3.989 mi.
Begin Divided Hwy. 4.214 mi.
Rd. to Wailua Golf Course 4.301 mi.
Road. to Kauai Jail 4.344 mi.
End Divided Hwy. 4.426 mi.
Ⓛ ECB 4.887 mi.
Begin Divided 4.889 mi.
5MP 4.987 mi.
Continued on Sheet #2
5.00 mi.

SCALE: (In Miles) 4" = 1 mile — 0 | 1 | 2 | 3 | 4 | 5

**Divided Highway — Undivided — Shoulder: Width and Type:** 2'–8' AC 0.10 0' (20' AC) (40' AC) 2' AC 0.78 2'–5' AC 1.16 4' AC 1.82 6'–10' AC 2.17 4' AC 2.40 6'–8' AC 2.79 40' AC 2.87 6' AC
**Pavement: Width and Type:** 24' AC (20' AC) 40' AC 20' AC 30' AC .000 22' AC 11' AC 22' AC 11' AC 22' AC 11' AC 22' AC 12' AC .602 10' AC 30'/31' AC 10' AC 30'/31' AC 10' AC 30'/31' AC 12' AC
**Shoulder: Width and Type:** 0' 0.14 0' 0' 0' 0' 0' 1.03 4' AC 0' 2'–4' AC 1.52 4' AC 0' 7' AC 0' 4' AC 2.38 0' (8' AC) 2.80 6' AC 2.98 0' 6' AC 0' 6' AC 0'
**Median: Width and Type:** 6' Raised Conc. .123 .174 (0'–10' Painted AC) 0'–13' Painted AC 0.51 .557 .601 0'–13' Painted AC .825 .071 0'–11' Painted AC .186 .579 0'–12' Painted AC .754 .992 0'–10' Painted AC .178 (8'–10' AC) .429 0'–6' Painted AC .757 (Milled C/L Rumble Strip) .101 0'–7' Painted AC .320 Milled C/L Rumble Strip .214 0'–10' Painted AC .426 Milled C/L Rumble Strip .889 0'–18' Painted AC
**Shoulder: Width and Type:** 0' 0' 0' 0' 0' 0' 0' 0' 0'
**Pavement: Width and Type:** 24' AC (20' AC) 20' AC 20' AC .662 10' AC 11' AC 11' AC 11' AC 12' AC .646 20'/21' AC 20'/21' AC 20'/21' AC 20'/21' AC
**Shoulder: Width and Type:** 0' 0.14 0.23 0' 0' 4' AC 1.15 (2–4'' AC) 4' AC 1.73 (7' AC) (7' AC) 2.02 4' AC 8'–10' AC 2.53 8' AC 6' AC 6' AC 6' AC

**Number of Traffic Lanes:** 4–12' .140 4–10' .662 2–10' 1–10' .000 2–11' .059 .107 .429 1–12' .602 1–12' .646 1–10' 2–10'/11' .889 1–12'
**Auxiliary Lanes and Parking Lanes: No. of Lanes and Width (Left Side):** 12' .100 11' .133 .155 13' .557 .601 .611 12' .664 .671 .729 .768 11' .794 10' AUX .045 .071 .120 11' .112 .14 .18 .162 .685 11' Bus .733 .757 .779 12' .079 13' .160 Bus .071 .602 12' .702 (Same as Through Lane) .148 .192 .263 .270 .301 .331 .962
**(Right Side):** 12' 10' .662 12' Bus .748 .768 11' 11' 1.30 .458 11' Truck Climbing Lane (R) .563 .629 11' 10' 11' 11' .014 .036 .063 .107 .144 (Same as Through Lane) 11' 11' 12' AUX .544 .602 .646 10' .084 .192 .261 10' 10' .280 .301 .320 .344 .371 10' .960
**Frontage Road: No. of Lanes, and Width (Right and Left):** None
**Sidewalk: Width and Type (Right and Left):** 13' Conc. .107 6' Conc. .350 4' Conc. .803; .008 6' Conc. .171; .031 4'–6' Conc. .790 4' AC .027; .666 4' Conc. .029
**Curb and/or Gutter: Type (Right and Left):** Conc. Curb .800 AC Curb .931; Conc. Curb Conc. Curb & Gutter AC Curb .027; .666 Conc. Curb .029; .088 .889 (Type 2 Conc. Gutters) .015 .960 (Conc. Curb)
**Protective Devices: Type, Location and Number** (All Metal Rail on Metal Post): .107 .150 0.50 0.78 .912 .039 .168 .261 .175 .276 .324 .429 .594 .662 .746 .894 .006 .805 .885 .984 .050 .015 .917
**Illumination: Type, Location and Number:** 0.13 Mercury Vapor 2.16; 4.27 Mercury Vapor
**Curves Class: +/– Degree (A(0–3.45) B(3.45–5.44) C(5.44–8.48) D(8.48–13.85) E(13.85–28.62) F(< 28.62):** C 0.09 A 0.11 D 0.17 A 0.78 B 0.86 A 0.92 D 1.01 C 1.29 A 1.71 B 1.74 A 2.41 C 2.54 A F 2.62 A 4.41 B 4.53 A (2.58)
**Superelevation (Range):**
**Grades Class: +/– % (A(0–.45) B(.45–2.45) C(2.45–4.45) D(4.45–6.45) E(6.45–8.45) F(< 8.45):** C 0.14 B 0.23 A 0.77 C 1.24 E 1.42 C 1.54 B 1.96 C 2.29 B 3.14 A 3.31 B 3.58 C 3.71 A 4.89 B
**Contra–Flow Lane:** 2.60 Contra–Flow 5:53–8:30 AM ← Traffic Flow
**Area and Development:** Small Urban (99998)
**Terrain: 1–Flat, 2–Rolling, 3–Mountainous:** 0.78 Mountainous (3) 1.51 Rolling (2) .701 2.94 Flat (1)
**Speed: 1–Design, 2–Posted:** 25 MPH / Not Posted .477 25 MPH (2) .328 35 MPH / 25 MPH .701 40 MPH / 35 MPH .909 40 MPH (2)
**Intersection Control Devices: Type, Location and Cycle Timing:** 0.00 3 Phase .319 3 Phase .420 2 Phase .501 .611 3 Phase .729 3 Phase .685 .036 2 Phase .602 .700

**Traffic Stations (Current Year):** B73 0056 00000 | B73 0056 00049 | B73 0056 00116 | B73 0056 00204 | B73 0056 00260
**HPMS Sections – AADT 2014:** 46,400 0.42 21,500 1.16 18,100 2.04 15,200 2.60 30,400
**HPMS Sections – AADT 2013:** 0.03 N/A 0.49 N/A 1.50 17,300 2.17 14,200 2.60 28,700
**HPMS Sections – AADT 2012:** 27,022 0.42 20,803 0.72 19,747 1.16 16,157 1.69 15,600 31,680
**DOD Sections:**
**Functional Classification:** Principal Arterial (3)
**National Highway System (NHS):** On NHS (1)
**Previous Projects: Project No., Date and Limits:**

(HWY–K–03–00, Improvements, 2003) — 4.88 →
56A–01–89M (R) 1989 0.79 | 56A–01–93M (R) 1994 2.02 | 2.59 STP–056–(41) (R) 1999
(56A–02–72, 1976) (56A–01–75M (R)) 0.79 | 56A–01–75M (R) 1975 1.27 | 56A–02–67, 1967 1.53 1.67 HWY–K–01–82M (R) 1982 2.02 | 3.04 STP–056–1(40) 1998
0.10 56A–02–88 1988 0.41 0.53 0.60 ← 0.79 —(56A–01–85, (IMPRV.) 1987) (56A–02–72, 1976) | 56A–01–90M (R) 1991
(56A–01–75M, 1975) → 0.11 0.31 RSG–0570(2) 1981 0.71 0.77 HWY–K–01–81M (R) 1981 1.46 2.39 F–051–1(7) 1988 3.01 4.20 56A–01–80, 1981 (IMPRV.) 4.57
(56A–06–70, U II 1976) 56A–01–75M (R) 1975 1.27 (56A–02–72, 1976)— 1.67 → 1.77 A–59–01–64, 1965 (R) 2.02 HWY–K–01–78M (R) 1978 2.60 2.81 HWY–K–01–78M (R) 1978 3.60 56A–01–72, 1976 3.81 HWY–K–01–78M, 1978 (R) 4.20 4.39 A–56–02–64 1968
(Lihue Plantation) → 0.16 County 0.41 F–12(18) 1950 0.72 56A–02–67, Ph. II 1968 1.16 1.25 56A–02–67, U–1 1967 1.61 (A–56–01–64, (R) 1965) F–12(18) 1950 (LT–K–02–79 (SHLDR. & GUARDRAIL IMPRV.) 1980)
(F–12(18), 1950)

SCALE: (In Miles) 4" = 1 mile — 0 | 1 | 2 | 3 | 4 | 5

| Date Released | |
|---|---|
| Nov. 2001 | |
| **Revised** | |
| Apr. 04 | D.B. |
| July 04 | D.B. |
| Jan. 06 | D.B. |
| Mar. 09 | D.B. |
| Sept. 10 | D.B. |
| Feb. 11 | D.B. |
| Feb. 12 | D.B. |
| Sept. 12 | E.P.J. |
| May 13 | D.B. |
| Dec. 13 | E.P.J. |
| July 14 | D.B. |
| Jan 16 | C.R. |
| Aug. 16 | D.B. |
| | |
| | |
| | |
| | |

## ROAD INVENTORY

# KAUAI RTE 56
# KUHIO HIGHWAY

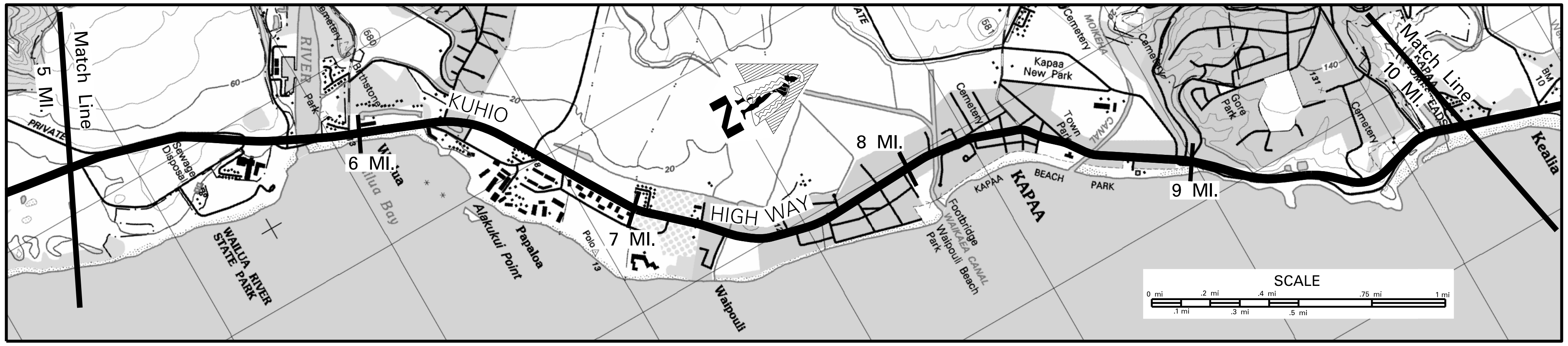
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PREPARED BY THE
HIGHWAYS PLANNING BRANCH

IN COOPERATION WITH THE
U.S. DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION

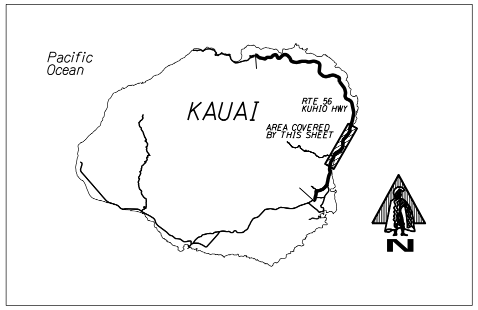
Total Designated Route Length: 28.12 MILES (a + b)
a. Existing Length: 28.12 MILES
b. Proposed Length: None MILES
Total Travel Way Length: 28.12 MILES (a + b, less c)
a. Existing Length: 28.12 MILES
b. Temporary Length: None MILES
c. Length used as T.W. for another Route: None MILES (–)

NEEDS STUDY ROUTE NO. ______ FUNCTIONAL CLASSIFICATION ______

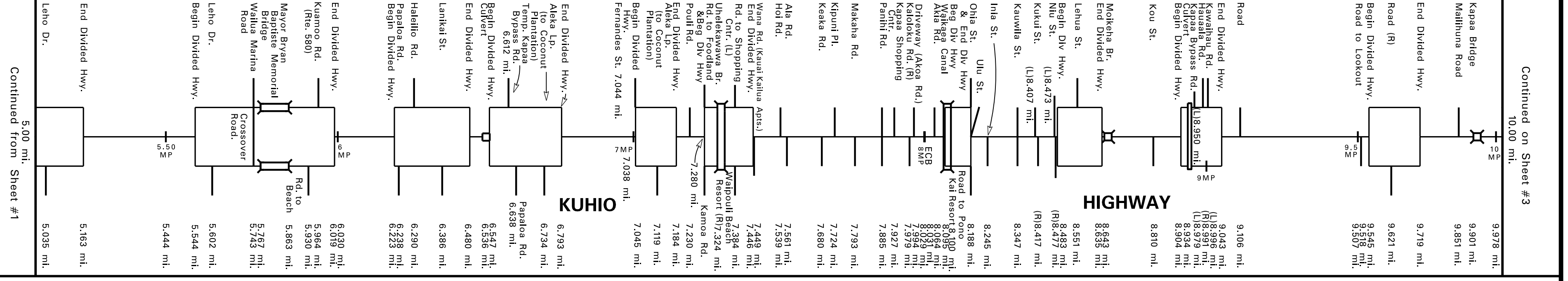


SCALE: (In Miles) 4" = 1 mile — 5 | 6 | 7 | 8 | 9 | 10

| | |
|---|---|
| Maintenance Control Sections : Length and Description | 56A (9.86 MI.); End 56A – Begin 56B on Kuhio Hwy. 100' North of Centerline Inersection with Mailihuna Rd. 9.86; 56B (3.68 MI.) |
| Structure Carrying Road — Bridges (Over 20'): Length, Type, Capacity and Year Constructed | Tee Beam (RIV) 425' 5.77; Cont. Conc. Slab HS20 1963 56' (Widened in 1993) 7.32; Prestressed Conc. Plank HS-20-44 81' (Widened in 2001) 8.10; Tee Beam H20 (CNL) 1948 81' 8.64; Tee Beam (STR) 1953 152' 9.90 |
| Vertical Clearance | 5.77; 7.32; 8.10; 8.64; 9.90 |
| Horizontal Clearance | 28'; 46'; 56'; 30'; 28' |
| Structure Over Road — Vertical Clearance | |
| Horizontal Clearance | |
| Right of Way Width (min.–max.) if varies | 100' 5.14 60' 5.69 80' 6.12 60' 8.16 70' 8.36 60' 8.59 Varies 80'–120' 8.81 50' 9.09 (Varies 50'–90') 9.13 50' 9.22 Varies 50'–80' 9.52 (70') 9.54 60' 9.65 50' 9.82 80' 9.86 100' |
| Available Right of Way Width (Needs Study) (FEP = From Edge of Pav't) | Clear 1000' – Sugar Cane 20' FEP 5.85 Residential 6.38 (Sugar Cane – Clear 1000') 6.52 Resort / Residential 9.03 Open Range 9.74 Residential |
| Right of Way Fence: Type – Right and Left | 2' FEP Chain Link 8.46–8.52; 30' FEP W/W 9.28–9.39 |
| Control of Access: 1–None, 2–Partial, 3–Full | None |
| Jurisdiction, Transfer Phase No. and Date (C to S or S to C) | 385 + 90.58; State; 518 + 36; 46 + 00; 568 + 50; 3 + 10 |
| Project No., Type of Construction, and Year Constructed | HSIP-056-1(53), 2012, SAFETY IMPROVEMENTS 5.54; 5.86 (STP-050-1(24), GUARDRAIL & SHLDR. IMPRV., 2005) 5.88; 6.59 441 + 00 56A-01-12M RESURFACE 2015 8.08; 8.23 5 + 10 56A-01-05M, RESURF., 2010 9.00; ARR-056-1(52), RESURF., 2010 9.92 |
| Project No., Type of Construction, and Year Constructed | HWY-K-03-00 Imprv. 2003 5.24; STP-056-1(41) (R) 1999 5.77; 56A-01-91 (Imprv.)1993 6.32; 56A-01-92 (IMPRV.) 1993 7.36; STP-056-1(37) (R) 1996; (BR-STP-056-1(35), 2001 BRIDGE WIDENING) 8.05; 8.23 56A-08-90 1991 8.65; 56A-03-90M (R) 1991 8.91; 9.03 (56A-01-97 ((L) TURN LANE) 1998) STP-0700 (28) (IMPRV.) 1994; 9.81 56B-01-01M 2004 (R) |



**Road Diagram**
* MP = Milepost Signage


Continued from Sheet #1 5.00 mi.
Leho Dr. 5.035 mi.
End Divided Hwy. 5.163 mi.
5.50 MP 5.444 mi.
Begin Divided Hwy. 5.544 mi.
Leho Dr. 5.602 mi.
Crossover Road.
Wailua Marina Road 5.743 mi.
Mayor Bryan Baptiste Memorial Bridge 5.767 mi.
Rd. to Beach 5.863 mi.
Kuamoo Rd. (Rte. 580) 5.930 mi. 5.964 mi.
End Divided Hwy. 6.019 mi. 6.030 mi.
6 MP
Begin Divided Hwy. 6.223 mi.
Papaloa Rd. 6.238 mi.
Haleilio Rd. 6.290 mi.
Lanikai St. 6.386 mi.
End Divided Hwy. 6.480 mi.
Culvert 6.536 mi.
Begin Divided Hwy. 6.547 mi.
Temp. Kapaa Bypass Rd. 6.612 mi.
Papaloa Rd. 6.638 mi.
Aleka Lp. (to Coconut Plantation) 6.734 mi.
End Divided Hwy. 6.793 mi.
KUHIO
Fernandes St. 7.044 mi.
7MP 7.038 mi.
Begin Divided Hwy. 7.045 mi.
Aleka Lp. (to Coconut Plantation) 7.119 mi.
End Divided Hwy. 7.184 mi.
Pouli Rd. 7.230 mi.
Kamoa Rd. 7.280 mi.
Uhelekawawa Br. Rd. to Foodland &Beg Div Hwy
Waipouli Beach Resort (R)7.324 mi.
Rd. to Shopping Cntr. (L) 7.384 mi.
End Divided Hwy. 7.446 mi.
Wana Rd. (Kauai Kailua Apts.) 7.449 mi.
Ala Rd. 7.539 mi.
Hoi Rd. 7.561 mi.
Keaka Rd. 7.680 mi.
Kipuni Pl. 7.724 mi.
Makaha Rd. 7.793 mi.
Panihi Rd. 7.885 mi.
Kapaa Shopping Cntr. 7.927 mi.
Kaloloku Rd. (R) 7.979 mi.
Driveway (Akoa Rd.) 7.994 mi.
ECB 8MP 8.029 mi.
Akia Rd. 8.031 mi.
Waikaea Canal 8.064 mi.
Beg Div Hwy 8.095 mi.
Ohia St. & End Div Hwy 8.100 mi.
Road to Pono Kai Resort 8.188 mi.
Ulu St.
Inia St. 8.245 mi.
Kauwila St. 8.347 mi.
Kukui St. (L)8.407 mi. (R)8.417 mi.
Niu St. (L)8.473 mi. (R)8.477 mi.
Begin Div Hwy. 8.483 mi.
Lehua St. 8.551 mi.
End Divided Hwy. 8.635 mi.
Moikeha Br. 8.643 mi.
HIGHWAY
Kou St. 8.810 mi.
Begin Divided Hwy. 8.904 mi.
Culvert 8.934 mi.
Kapaa Bypass Rd. (L)8.950 mi. (L)8.979 mi.
Hauaala Rd. (R)8.991 mi.
Kawaihau Rd. (L)8.996 mi.
9MP
End Divided Hwy. 9.043 mi.
Road 9.106 mi.
9.5 MP 9.507 mi.
Road to Lookout 9.518 mi.
Begin Divided Hwy. 9.545 mi.
Road (R) 9.621 mi.
End Divided Hwy. 9.719 mi.
Mailihuna Road 9.851 mi.
Kapaa Bridge 9.901 mi.
10 MP 9.978 mi.
Continued on Sheet #3 10.00 mi.

SCALE: (In Miles) 4" = 1 mile — 5 | 6 | 7 | 8 | 9 | 10

| | |
|---|---|
| Divided Highway — Undivided — Shoulder: Width and Type | 6'AC 5.71 4'AC 5.91 6' AC 6.21 4'AC 7.21 2' AC 8.06 (22' AC) 0 8.99 4'–6' AC 9.70 10' AC 9.82 4' AC 9.94 8' AC |
| Pavement: Width and Type | 12' AC; 32' AC .500 33' AC; 11' AC; 33' AC; 11' AC; 33' AC; 11' AC; 33' AC; 11' AC; 33' AC; 11' AC; 22' AC; 11' AC .230 27' AC; 14' AC; 26' AC .800 24' AC; 12' AC; 24' AC; 11' AC; 23' AC |
| Shoulder: Width and Type | 0 5.20 6' AC; 0; 4' AC 6.05 6' AC; 0; 4' AC; 0; 4' AC; 0; 4' AC; 0; 6' AC 7.56 4' AC 8.07 0; 0; 0; 0; 0 8.68 12' AC; 0; 6' AC 9.35 4'–6' AC; 0; 6' AC |
| Median: Width and Type | 0'–17' Painted AC .163; Milled C/L Rumble Strip .544; 0'–11' Painted AC; 0'–105' Grass; 105'–0' Guard-Rail; 0'–7' Painted AC .019; .223 0'–10' Painted AC .480; .547 0'–12' Painted AC .793; .045 0'–12' Painted AC .184; .280 0'–14' Painted AC .446; (0'–13' Painted AC) .100 .188; .483 0'–10' Painted AC .635; .904 0'–9' Painted AC .043; .545 0'–11' Painted AC .719 |
| Shoulder: Width and Type | 0; .696 .754 0 .900; 0; 0; 0; 0; 0; 0; 0 |
| Pavement: Width and Type | 22' AC; 22' AC; 22' AC; 22' AC; 22' AC; 22' AC .384 (11' AC); 11' AC; 13' AC; 12' AC; 12' AC |
| Shoulder: Width and Type | 6'AC (6' AC) 5.58 4' AC; (6' AC) 6.23 4' AC; 4' AC; 4' AC; 4' AC 7.33 6' AC; 0; 0; 12' AC 8.99 (6' AC); (4'–6' AC) 9.61 (6' AC) |
| Number of Traffic Lanes | 1–12' .163 1–10' .500 1 – 11'; 2 – 11' .666; 2–11' .897 .910; .230 1–14' .800 1–12' .545 1–11'; 1–13' .635 1–12' |
| Auxiliary Lanes and Parking Lanes: No. of Lanes and Width (Left Side) | .111; .634 Aux .964 11'; 11' 11'; 10'10'; 13' 12'; 10'; 12'; 11'; 12'; Bus 10'; 2-Way (L) TL; .218 8' Parking .902; 11'; 13' 13'; 13' |
| (Right Side) | 10'; 10'; 2-Way (L) TL; 11' 12'; 2-Way (L) TL; 12'; 11'; Bus 10'; 8' Parking; 14'; 10' 10' 10'; 12' 12' |
| Frontage Road: No. of Lanes, and Width (Right and Left) | None |
| Sidewalk: Width and Type (Right and Left) | Conc; .240 Conc .422; .187 5' Conc. .993; .322 Conc .561; .091 6' Conc. .683; 6' CONC. .964 |
| Curb and/or Gutter: Type (Right and Left) | (Conc. Curb); .290 C. C. .356; .240 Conc. Curb .422; .187 Conc. Curb .993; .322 Conc. Curb .561; .091 Conc. Curb .683; 2' CONC. CURB & GUTTER .964 |
| Protective Devices: Type, Location and Number — All Metal Rail on Metal Post | .042; .429; .639; .760 .956; .234 .257; .521 .567; .320 .342; .097 .150; .647 .665; .057 .075; .349; .478 .512; .861 .953 |
| Illumination: Type, Location and Number | .596; .863; .937; .223; .509 .540; Mercury Vapor; .319 .336; .084 .131; .643 .660; 8.98; .509; .546 .616; .650 .768; .882 |
| Curves Class: +/– Degree (A(0–3.45) B(3.45–5.44) C(5.44–8.48) D(8.48–13.85) E(13.85–28.62) F(< 28.62) | A 5.35 B 5.43 A 5.66 C 5.71 D 5.78 A 5.87 B 5.91 A 6.98 B 7.06 A B 7.10 A 7.35 CAB C 7.49 A 8.23 B 8.26 A 8.38 D 8.45 A 8.54 B 8.59 A 8.64 C 8.7 A 8.96 B 9.00 A 9.38 B 9.49 A 9.55 C 9.69 A 9.81 C 9.91 A |
| Superelevation (Range) | 7.43 |
| Grades Class: +/– % (A(0–.45) B(.45–2.45) C(2.45–4.45) D(4.45–6.45) E(6.45–8.45) F(< 8.45) | (B) 5.02 C 5.12 A 6.52 A 8.74 B 9.13 A 9.43 B 9.87 A |
| Contra-Flow Lane | Contra-Flow 5:53–8:30 AM ← Traffic Flow 6.60 |
| Area and Development: | Small Urban (99998) |
| Terrain: 1–Flat, 2–Rolling, 3–Mountainous | Flat (1) 8.99 Rolling (2) |
| Speed: 1–Design, 2–Posted | 40 MPH (2) .524 25 MPH / 35 MPH .023 25 MPH (2) .403 35 MPH (2) .959 25 MPH (2) .052 35 MPH (2) / 25 MPH (2) .232 40 MPH (2) |
| Intersection Control Devices: Type, Location and Cycle Timing | 2 Phase .964; 3 Phase .290; .399; 3 Phase .280; .384 3 Phase; 3 Phase .927; 3 Phase .417; .231 |
| Traffic Stations (Current Year) | B73 0056 00260; B73 0056 00596; B73 0056 00818; B73 0056 00899; B73 0056 00984 |
| HPMS Sections – AADT 2015 | 30,400; 30,400 8.18; 22,700; 16,000 9.84 16,800 |
| HPMS Sections – AADT 2014 | 28,700 5.96; 29,200 8.80; 22,600 8.99; 15,300 |
| HPMS Sections – AADT 2013 | 31,680 5.63 39,707; 28,406 6.60 23,241 7.39 24,605 8.18 20,275 8.64 22,070; 16,425 9.95 (14,500) |
| DOD Sections | (Minor Arterial (4)) 9.96 |
| Functional Classification | Principal Arterial (3) |
| National Highway System (NHS) | On NHS (1); (Not on NHS (0)) |
| Previous Projects: Project No., Date and Limits | STP-056-1(41) (R) 1999; STP-056-1(40) 1998 5.77; 5.84; 56A-01-90M (R) 1991 5.54; 56A-01-91 (IMPRV.) 1993 6.34; STP-056-1(37) (R) 1996 7.32; 8.07; 56A-08-90 (IMPRV.) 1991 8.65; 8.99 STP-0700 (28) (IMPRV.) 1994 9.89; (56B-01-89M 1989 (R)); (56C-01-87M 1987); LT-K-02-79 (SHLDR. & GUARDRAIL IMPRV.) 1980 8.01; 8.09 56A-03-90M (R) 1991; A-56-02-64 1968 5.54; 56A-01-90M (R) 1991; 56A-02-72 1976 6.01; A56-02-65 (R) 1967 6.18; 56A-02-72 1976 6.31; HWY-K-01-78M (R) 1978 7.51; A56-02-65 (R) 1967; 56A-01-74 1976 8.98; (56A-01-67 (R) 1967); HWY-K-01-77M (R) 1977; 56A-01-72 1976 9.75; (HWY-K-01-77M 1977); (56A-01-67 (R) 1967); F-12(18) 1950 5.76; .86; (F-12(15) 1948); F-12(18) 1950; (F-12(14) 1945) 8.01; 8.12; (F-12(14) 1945); County .63 8.65 County; 9.00 F-12(18) 1950 9.72; F-12(20) 1951 |

SCALE: (In Miles) 4" = 1 mile — 5 | 6 | 7 | 8 | 9 | 10

| Date Released | |
|---|---|
| Nov. 2001 | |
| Revised | |
| Apr. 04 | D.B. |
| Jan. 06 | D.B. |
| Dec. 09 | D.B. |
| Sept. 10 | D.B. |
| Feb. 11 | D.B. |
| Feb. 12 | D.B. |
| Sept. 12 | E.P.J. |
| Dec. 13 | D.B. |
| July 14 | D.B. |
| Jan 16 | C.R. |
| Aug. 16 | D.B. |

# ROAD INVENTORY

# KAUAI RTE 56
# KUHIO HIGHWAY

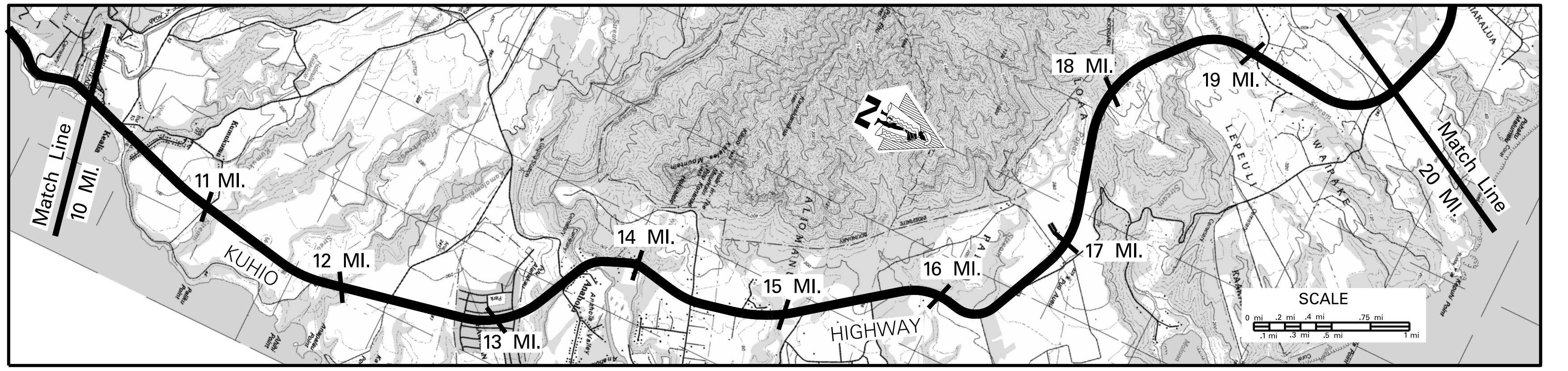
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PREPARED BY THE
HIGHWAYS PLANNING BRANCH

IN COOPERATION WITH THE
U.S. DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION

Total Designated Route Length: 28.12 MILES (a + b)
a. Existing Length: 28.12 MILES
b. Proposed Length: None MILES
Total Travel Way Length: 28.12 MILES (a + b, less c)
a. Existing Length: 28.12 MILES
b. Temporary Length: None MILES
c. Length used as T.W. for another Route: None MILES (–)

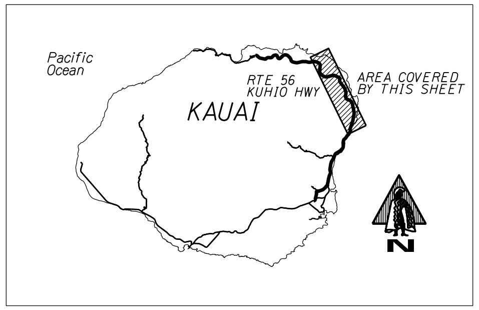
NEEDS STUDY ROUTE NO. ______ FUNCTIONAL CLASSIFICATION ______

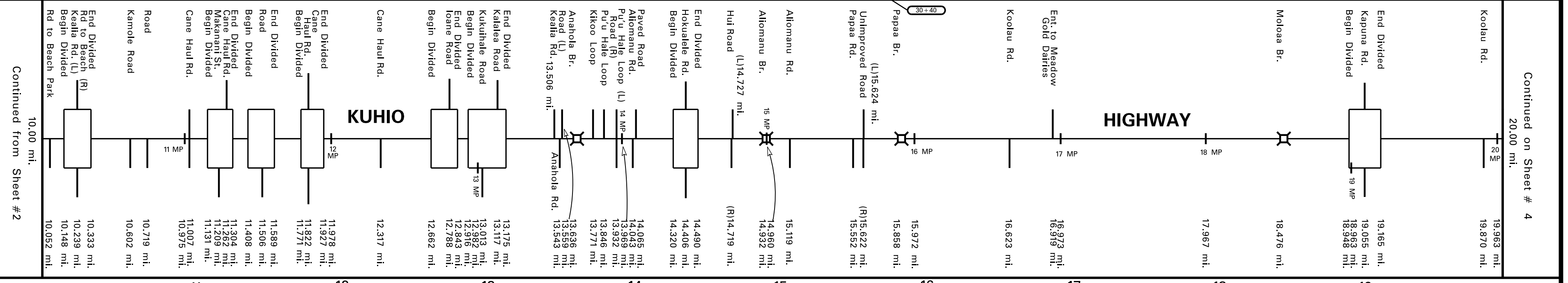


| | |
|---|---|
| SCALE: (In Miles) 2″ = 1 mile | 10 · 11 · 12 · 13 · 14 · 15 · 16 · 17 · 18 · 19 · 20 |
| Maintenance Control Sections : Length and Description | 56 B (3.68 MI.); 13.54 ← End 56B and Begin 56C on Kuhio Hwy. at the Centerline Intersection with Anahola Rd.; 56 C (9.82 MI.) |
| Structure Carrying Road — Bridges (Over 20′): Length, Type, Capacity and Year Constructed | RC Box Girder (STR) 1960 214′ (13.63); RC RGD FM FL SL (STR) 1960 20′ (14.93); RC Deck Girder (GTR) 1957 68′ (15.86); Prestressed Conc. Girder (STR) 1965 240′ (18.48) |
| Vertical Clearance | |
| Horizontal Clearance | 28′ (13.63); 28′ (14.93); 40′ (15.86); 28′ (18.48) |
| Structure Over Road — Vertical Clearance | |
| Horizontal Clearance | |
| Right of Way Width (min.–max.) if varies | (100′) 10.06 (80′); Varies 80′ to 160′; 16.19; Varies 80′ to 260′. |
| Available Right of Way Width (Needs Study) | 10.02 Residential 10.59; Clear 1000′ – Sugar Cane; 12.76 Residential 14.04; Clear 1000′ – Pineapple / Sugar Cane 17.32; Bushes and Trees |
| Right of Way Fence: Type – Right and Left (FEP = From Edge of Pav't.) | 12.94 C.L. 13.09; 12.96 C.L. 13.11 (25′ FEP); 14.16 C.L. 14.30; C.L. (15′ FEP); 15.16 C.L. 15.52; 15.16 C.L. 15.60 (20′ FEP); 17.35 Wire on Wood 35′ FEP 18.98; Wire on Wood 35′ FEP 18.98 |
| Control of Access: 1–None, 2–Partial, 3–Full | None |
| Jurisdiction, Transfer Phase No. and Date (C to S or S to C) | State; 32 + 80; 26 + 00; 30 + 40; 45 + 60; 43 + 60 |
| Project No., Type of Construction, and Year Constructed | 56B–01–01M 2004 (R) 11.00; 56 BC–01–99M, RESURF., 2000 14.15; 56C–02–07M, (R), 2008; (STP–0700(58), GUARDRAILS, 2008); (STP–0700(58), GUARDRAILS, 2008) → 19.31 |
| Project No., Type of Construction, and Year Constructed | STP–0700(28) (SHLDR. & G.R. IMPRV.) 1994 11.62; HES–056–1(32) (SHLDR. & G.R. IMPRV.) 1990 12.35; FR–0700(22) (R) 1983 14.02; STP–056–1(38) (R) 1996 15.01; 56C–01–88M (R) 1988 15.81; 15.89 ER 5(1) 1957 16.21; 50D–56AB–01–70 (SHLDR) 1970 16.70; ← 16.82 —(56C–01–87M (R) 1987); STP–056–1(42) (R) 1999 19.27 |

## Road Diagram

* MP = Milepost Signage





| | |
|---|---|
| SCALE: (In Miles) 2″ = 1 mile | 10 · 11 · 12 · 13 · 14 · 15 · 16 · 17 · 18 · 19 · 20 |
| Divided Highway — Undivided — Shoulder: Width and Type | 8′ AC 10.21; 6′ AC 10.41; 11′ AC 10.57; 8′ AC 10.98; 6′AC 11.49; 12′ AC 11.62; 6′ AC 11.85; 8′ AC 12.02; 10′ AC 12.18; 6′AC 13.17; 11′ AC 13.31; 6′AC 13.62; 4′AC 13.97; 6′AC 14.95; 4′–8′ AC 15.85; 10′ AC 16.05; 4′AC |
| Pavement: Width and Type | 23′ AC; 11′ AC; 22′ AC; 11′ AC; 22′ AC; 11′ AC; 22′ AC; 11′ AC; .03; 22′ AC; 11′ AC; ← (22′ AC) 11′ AC; 22′ AC; .100; 24′ AC; 12′ AC; 24′ AC; .700; 22′ AC; 11′ AC; 22′ AC |
| Shoulder: Width and Type | 6′ AC; 0; 8′ AC 10.61; 6′AC; 0; 6′ AC; 0; 6′AC; 0; 4′ AC; 10′ AC 12.19; 6′AC; 0; ← (6′ AC) 0; 6′AC 13.53; 8′ AC 13.61; 6′–8′ AC 13.98; 10′ AC; 0; 6′AC 14.95; 4′–8′ AC 15.63; 8′–14′ AC 15.85; 10′ AC 16.07; 4′–8′ AC 17.56; 6′ AC 17.68; 4′ AC; 0; 4′ AC |
| Median: Width and Type | .148; 0′–12′ Paint AC; .333; .131; 0′–10′ Painted AC; .408; .304; 0′–12′ Painted AC; .589; .771; ← (0′–11′ Painted AC); .927; (0′–9′ Painted AC) →; .662; .843; .916; 0′–10′ Painted AC; .175; (0′–12′ Painted AC) →; .320; .490; .948; 0′–11′ Painted AC; .165 |
| Shoulder: Width and Type | 0; 0; 0; 0; 0; 0; 0; 0 |
| Pavement: Width and Type | 12′ AC; 11′ AC; 11′ AC; 11′ AC; 11′ AC; 11′ AC; 12′ AC; 11′ AC |
| Shoulder: Width and Type | 6′ AC; 6′AC; 6′AC; 6′ AC; 6′ AC; 5′–7′ AC; (10′ AC) → 14.36 ← (6′ AC); 4′ AC |
| Number of Traffic Lanes | 1–11′; 1–12′; .242; .265; .333; 2–11′; .037; .066; .100; 2–12′; .700; 2–11′ |
| Auxiliary Lanes and Parking Lanes: No. of Lanes and Width (Left Side) | Bus 13′; .185; 12′ .298; 11′ 11′ .164 .209 .259; 11′ 11′ .456 .506 .542; .822 .860 11′; 11′ 11′ .944 .013 Bus 10′ .080 12′; Bus 11′ .518 .545; Bus 13′ .851 .878; 12′ .362 .406 11′ .491 12′ 12′; 11′ .055 13′ .165 11′ |
| (Right Side) | 12′ 12′ .239 12′ Bus; 12′ Bus 14′ .719 17′; 11′ 11′; 11′ 11′; .690 .788; .050 .117 12′ 11′ Bus 10′; 13′ 10′ Bus; 13′; .359 .449 12′; .008 10′ .102 |
| Frontage Road: No. of Lanes, and Width (Right and Left) | .052 .145 .246 .269; .609 .638 .679 .750; .139 .209 .270; .443 .506 .556; .966 .013 .037 .065; .492 .543 .596; .819 .844; .355; None; .945 .055 |
| Sidewalk: Width and Type (Right and Left) | 6′ conc .231; .267; None |
| Curb and/or Gutter: Type (Right and Left) (All Gutters 2′ Concrete) | 6′ conc .231; .855 .862; .144 .210 .132 .198; .570 .640 .626; .808 .897; .043 .203 .202; .625 .675; .911 .996; .184 .299 .182; .334 .424 .447; .636 .680 .768; .879; .914 .959; .099; .707 .807 .972 .977 .064 .023; .225; Type 2 Conc. Gutter .574 .612; .845 .955 .000 .030 .087 .120; .729 .791; .895; Type 2 Conc. Gutter .404 .516 .406 .488; .700 .777 |
| Protective Devices: Type, Location and Number (All Metal Rail on Metal Post) | .284 .431; .019 .980 .148; .489 .506 .639; .042 .038; .730 .036; .148 .293 .180; .510; .087 .103; .295; .785 .890 .803; .073; .300 .568; .460 .542; .033 .041; .279 .318 |
| Illumination: Type, Location and Number | 10.21 10.24; 11.01 .132; .475 .499; .631; .807 .899; .623 .671; 12.76 M.V.; .102 .177 .264 .337 .379; .586 .621 .749; .880; .415 .501; .617 .666 .747 .851 .897 .961 .000; .301; .895 .958 .974 .085 .139 .193 .244; .299 .526; .701 .752 .834 .941; .095 .134; .282 .403 .466 .539; .754 .836; .954; .503 .628 .675 .782; .883 .972 |
| Curves Class: +/– Degree (A(0–3.45) B(3.45–5.44) C(5.44–8.48) D(8.48–13.85) E(13.85–28.62) F(< 28.62) | A 13.62; B 13.81; A 13.94; C 14.05; A 16.13; B 16.40; A |
| Superelevation (Range) | |
| Grades Class: +/– % (A(0–.45) B(.45–2.45) C(2.45–4.45) D(4.45–6.45) E(6.45–8.45) F(< 8.45) | A 10.23; C 10.46; B 11.13; A 11.90; D 12.06; C 12.32; B 13.25; D 13.42; C 13.60; B 13.87; C 14.03; D 14.22; C 14.44; B 15.08; C 15.23; D 15.33; A 15.98; C 16.19; B 17.41; D 17.66; C 17.87; B 18.14; C 18.29; B 18.80; C 18.97; B 19.07; C 19.48; B |
| Contra Flow Lane | |
| Area and Development: | Small Urban (99998) 15.12; Rural (99999) |
| Terrain: 1–Flat, 2–Rolling, 3–Mountainous | .346; Rolling (2) 12.24; Flat (1) .694 13.04; Rolling (2) 17.34; Mountainous (3) 19.24; Rolling (2) 19.89 ← (Flat (1)) |
| Speed: 1–Design, 2–Posted | 40 mph (1); 50 MPH (2); (45 MPH (2)) → .530 .683; 35 MPH (2) .523 .496; 50 MPH (2) |
| Intersection Control Devices: Type, Location and Cycle Timing | .339; None |
| Traffic Stations (Current Year) | B73 0056 00984; B73 0056 01060; B73 0056 01355; B73 0056 01663; ← (B73 0056 01987) |
| HPMS Sections – AADT 2015 | 16,800 10.60; 16,700 13.55; 14,500 16.63; 10,600 19.87 ← (13,286) |
| HPMS Sections – AADT 2014 | 15,300 10.22; 16,000 11.21; 15,700; 14,300 19.06; N/A |
| HPMS Sections – AADT 2013 | 14,500 12.78; 12,700 14.40; 12,032 15.54; 11,490 |
| DOD Sections | |
| Functional Classification | Minor Arterial (4) |
| National Highway System (NHS) | Not on NHS (0) |
| Previous Projects: Project No., Date and Limits | |
| | (HWY–K–01–77M (R) 1977) → .03; 14.28; 14.49 DF–056–1(6) 1960 15.00; 56C–01–88M (R) 1988; ER 5(1) 1957 16.21; 16.70 56C–01–87M (R) 1987 17.42 |
| | 56B–01–89M (R) 1989 12.59; STP–056–1(34) Shldr. & Guardrails 1995 15.87; (LT–K–03–80M (R) 1980) → .41; 17.64 56C–01–87M (R) 1987 |
| | (HWY–K–01–77M 1977) → 10.25; 56B–01–70(R) 1970 12.35; FR–0700(22) (R) 1983 14.01; 50D–56AB–01–70 (SHLDRS.) 1970 |
| | (F–12(20) 1951) → 10.15; F–31(1) 1953; 13.56 F–056–1(7) 1958 14.54; DF–056–1(6) 1958 15.62; ER–5(1) 1956 16.19; S–0560(2) UNIT 2 1963 |
| SCALE: (In Miles) 2″ = 1 mile | 10 · 11 · 12 · 13 · 14 · 15 · 16 · 17 · 18 · 19 · 20 |

| Date Released | |
|---|---|
| Nov. 2001 | |
| **Revised** | |
| Aug 04 | D.B. |
| Mar. 09 | D.B. |
| Sept. 10 | D.B. |
| Feb. 11 | D.B. |
| Feb. 12 | D.B. |
| Sept. 12 | E.P.J. |
| Dec. 13 | D.B. |
| July 14 | D.B. |
| Jan 16 | C.R. |
| Aug. 16 | D.B. |

## ROAD INVENTORY

# KAUAI RTE 56
# KUHIO HIGHWAY

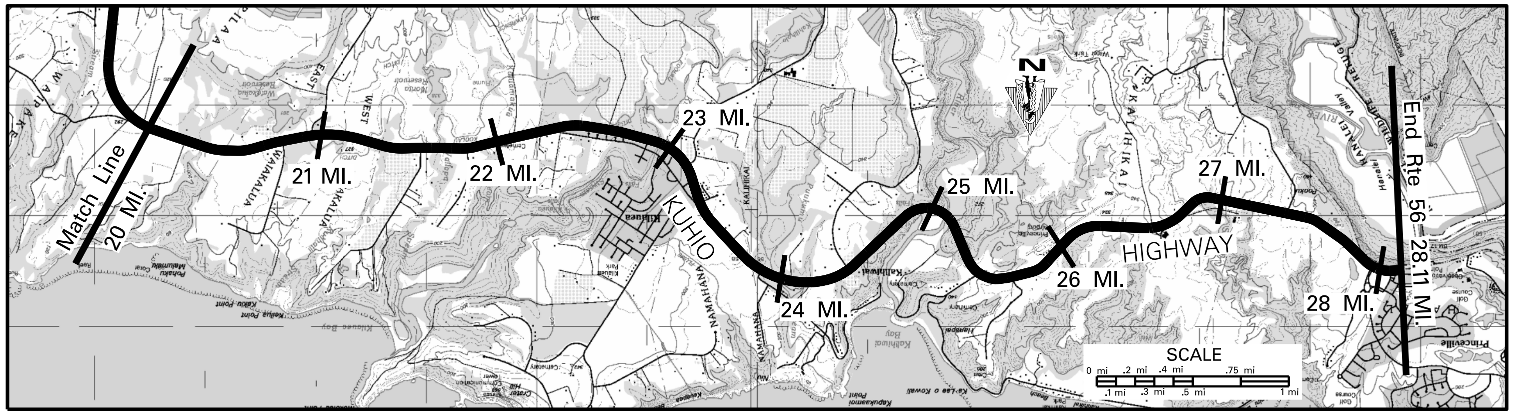
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PREPARED BY THE
HIGHWAYS PLANNING BRANCH

IN COOPERATION WITH THE
U.S. DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION

Total Designated Route Length: 28.12 MILES (a+b)
a. Existing Length: 28.12 MILES
b. Proposed Length: None MILES
Total Travel Way Length: 28.12 MILES (a+b, less c)
a. Existing Length: 28.12 MILES
b. Temporary Length: None MILES
c. Length used as T.W. for another Route: None MILES (–)

NEEDS STUDY ROUTE NO. ______ FUNCTIONAL CLASSIFICATION ______



SCALE: (In Miles) 2" = 1 mile — 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30

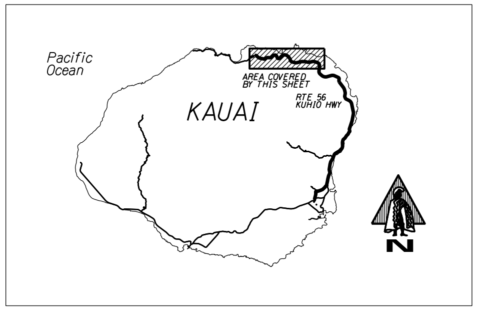
Maintenance Control Sections : Length and Description: 56C (9.82 MI.) | 23.36 ← End 56C – Begin 56D on Kuhio Hwy. at the Centerline Intersection with Kolo Rd. | 56D (4.75 MI.) | End 56D Same as End Route →

Structure Carrying Road

Bridges (Over 20'): Length, Type, Capacity and Year Constructed: PrSt. Conc. Gdr. 1967 HS20 39' | Prestressed Beam 1973 HS20 258' | RC Slab Br. 1963 (CHN) 50' | Prestressed Conc. 1963 (RW) 798'
Vertical Clearance: 20.30 | 22.91 | 24.90 | 25.01
Horizontal Clearance: 36' | 40' | 34' | 28'

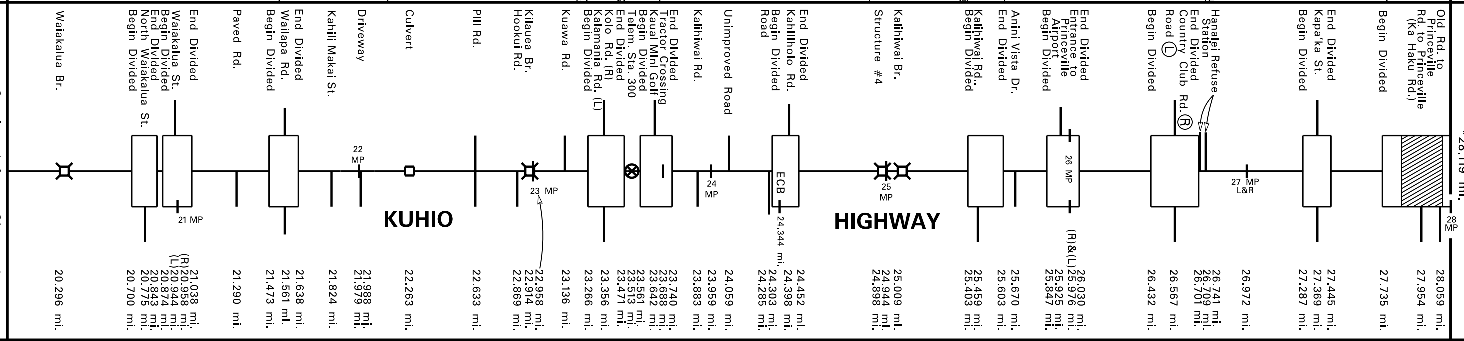
Structure Over Road
Vertical Clearance:
Horizontal Clearance:

Right of Way Width (min.–max.) if varies: (80'–260') → 20.14 60'–500' 22.16 100'–200' 23.55 100' (200') 23.76 23.85 100' (Varies 110'–160') 24.27 24.41 Varies 160'–295' (Varies 175'–210') 24.87 (100') 24.99 25.09 25.25 130' (Varies 300'–360') (Varies 160'–165') 25.47 70'–200' 27.01 40'
Available Right of Way Width (Needs Study): (Bushes & Trees) → 20.30 Clear 1000' Sugar Cane 23.08 Residential 23.82 Trees 25.65 Grass & Small Trees
Right of Way Fence: Type – Right and Left (FEP=From Edge of Pav't): Wire on Wood 35' FEP / Wire on Wood 35' FEP | Wire on Wood 10'–20' FEP / Wire on Wood 10'–20' FEP 27.95
Control of Access: 1–None, 2–Partial, 3–Full: None | 25.75 56D–01–13,INTERSECTION IMPROV.,2015 569+39.75 27.29 27.45 561+05.99
Jurisdiction, Transfer Phase No. and Date (C to S or S to C): 78+77.04 | 61+00 | 80+25 | 24+73 | 46+00 | State | 72+29 | 56D–01–07 RESURF 2012 | 1+00 | 584+00 | 1+40
Project No., Type of Construction, and Year Constructed: (56C–01–09, 2012, INTERSECTION IMPROVEMENTS) → 20.70 | 21.04 | 21.72 56C–02–08M, RESURF., 2010 22.17 | 22.82 56CD–01–09M, MARKINGS, 2015 24.30 | 24.46 42+51 15+65 25.31 657+20 25.63 25.81 | 26.04 56D–03–08M, RESURF., 2010 (56D–03–08M, RESURF., 2010) 27.01 | 56D–01–08M, RESURF., 2010
Project No., Type of Construction, and Year Constructed: STP–056–1(42) (R) 1999 21.53 56C–01–90M (R) 1990 22.14 STP–056–1(38) (R) 1996 23.26 ← 23.47 23.67 (HWY–K–02–98, IMPRV, 2000) 50D–01–92M (R) 1993 24.85 (HWY–K–01–07M, PAVEMENT MARKING, 2007) 25.36 25.61 STP–0700(58), GUARDRAILS, 2008 598+23 26.74 F–056–1(31) (New Alignment) 1993 27.76 LT–K–03–80M (R) 1980



**Road Diagram**
* MP=Milepost Signage

Continued from Sheet #3



* NOTE: ROUTE LENGTH ADJUSTED TO MATCH '15 VIDEOLOG & '15 FEATURES DATABASE.
End Rte. 56 on Kuhio Highway at Route Markers 56 and 560 (Same as Beg. Rte. 560)
*28.119 mi.

▨ Indicates Grass & / or Physical Barrier on Median.

SCALE: (In Miles) 2" = 1 mile — 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30

Divided Highway — Undivided

Shoulder: Width and Type: 4' AC 20.13 6' AC | 4' AC | 6' AC 21.72 4'–6' AC 22.17 | 8' AC 23.68 | 4' AC 24.20 | 24.35 8' AC | 24.46 10' AC | 4' AC | 7' AC | 6' AC
Pavement: Width and Type: 22' AC (22' AC) | 11' AC | 11' AC | 22' AC | 11' AC | 21' AC .100 | 24' AC | 12' AC | 24' AC | 12' AC | 22' AC | 11' AC | 22' AC | 12' AC | 24' AC | 12' AC | 24' AC | 12' AC | 24' AC | 12' AC | 24' AC | 12' AC
Shoulder: Width and Type: 4' AC 20.15 6'–12' AC (4' AC) | 0 | 0 | 6'–12' AC | 0 | 21.72 4'–6' AC 22.17 (6'–12' AC) 22.47 16' AC 22.63 6'–12' AC | 0 | 8' AC | 0 | 4'–8' AC | 0 | 4'–8' AC | 0 | 7' AC | 0 | 7' AC | 0 | 7' AC | 0 | 7' AC | 0 | 2' AC ← 0

Divided

Median: Width and Type: (0–8' Painted AC) .700 .843 .874 (0–12' Painted AC) .038 .473 0'–10' Painted AC .638 | .266 0'–12' Painted AC .471 .561 0'–12' Painted AC .740 | .303 0'–11' Painted AC .452 | .403 0'–14' Painted AC .603 .847 0'–14' Painted AC .030 | .432 0'–15' Painted AC .701 | .287 0'–12' Painted AC .445 | .735 .841 .074 (3'–13' Raised Grass) (0'–8' Painted AC) (0'–12' Painted AC)
Shoulder: Width and Type: 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 2' AC ← 0
Pavement: Width and Type: 11' AC | 11' AC | 10' AC | 12' AC | 12' AC | 11' AC | 12' AC | 12' AC | 12' AC | 12' AC | 11' AC
Shoulder: Width and Type: 4' AC | 4' AC | 6'–12' AC | 20' AC 8' AC | 8' AC 5' AC | 4'–8' AC | 8' AC | 7' AC | 7' AC | 7' AC | 4' AC

Number of Traffic Lanes: 2–11' | .473 .507 .561 .619 1–11' 1–10' .100 | 2–12' | .371 .398 .443 2–11' .403 | 2–12' .735 | 1–12' 1–11'
Auxiliary Lanes and Parking Lanes: No. of Lanes and Width (Left Side): 11' .775 11' 12' .899 .944 .983 11' | 12' 12' | Bus 9' 12' .356 .415 | 11' 11' .642 .583 .705 | 16' 16' | 11' .459 .553 | 13' 12' .925 .030 | .484 .567 .652 11' | 12' .420 | Bus 10' 11' .954 .018
(Right Side): .746 .819 .899 .944 .973 11' 9' 11' | 11' .607 11' .561 10' 12' .544 .580 | 9' 10' | 12' 12' | 18' 18' | .310 12' Bus 12' | 12' 11' .594 .696 | 11' 11' .331 .398 .430 | .846 .862 .925 12' | 11' 12' 11' | .319 .369 12' | 11' 18'
Frontage Road: No. of Lanes, and Width (Right and Left): None
Sidewalk: Width and Type (Right and Left): .009 3' AC 3' AC .161
Curb and/or Gutter: Type (Right and Left): All 2' Conc. Gutters. | .285 .335 .393 .446 4 AC Curbs
Protective Devices: Type, Location and Number (M/M=Metal Rails on Metal Posts): .274 .322 .267 .321 | .636 .692 .848 .934 | .282 .412 | .628 .780 .878 .004 | .851 .977 | .723 .753 .745 | .868 .026 .070 .161 | .461 .506 | .632 .720 | .831 .009 .178 .161 | .266 .298 .360 | .583 .619 .727 | .014 .294 | .746 .824 .894 .988 | .138 .242 .289 .335 .380 .446 | .013 .047
Illumination: Type, Location and Number: .582 .672 .826 .922 | .295 .381 | .620 .746 | .883 .981 | .877 .983 .040 .107 | .890 .162 None | .460 .496 | .619 .851 .891 | .178 .265 .303 .364 .609 | .952 .136 .204 .296 .375 .544 | .729 .851 .900 .974 | .135 .227
Curves Class: +/– Degree (A(0–3.45) B(3.45–5.44) C(5.44–8.48) D(8.48–13.85) E(13.85–28.62) F(<28.62)): A 21.80 B 21.88 A 25.18 C 25.18 A 25.35 C 26.60 A 25.77 B 25.90 A 26.04 B 26.27 A 26.50 B 26.75 A 26.82 C 26.95 A 27.48 B 27.57 A 27.90 B 28.08 ← (A)
Superelevation (Range):
Grades Class: +/– % (A(0–.45) B(.45–2.45) C(2.45–4.45) D(4.45–6.45) E(6.45–8.45) F(<8.45)): B 20.23 A 20.43 B 20.99 A 21.42 B 21.99 A 22.18 B 23.48 C 23.85 B 24.21 C 25.01 B 25.16 D 25.86 B 26.11 A 26.30 B 26.36 C 26.46 A 26.67 C 26.89 B 27.57 C 27.75 B 27.88 C
Contra Flow Lane:
Area and Development: Rural (99999)
Terrain: 1–Flat, 2–Rolling, 3–Mountainous: Flat (1) 23.74 .309 .498 .593 Mountainous (3) .656 25.74 Flat (1) 26.89 Rolling(2) 27.54 Flat (1) .978
Speed: 1–Design, 2–Posted: 50 MPH (2) .825 .826 40 MPH (2) .406 50 MPH (2) (40 MPH (2)) → / 40 MPH (2) 50 (2) 40 (2) (30 MPH (2)) 35 MPH (2) / 30 MPH (2) .718 40 MPH (2) .575 35 MPH (2) ← (Not Posted)
Intersection Control Devices: Type, Location and Cycle Timing: None .092 .310 .496
Traffic Stations (Current Year): B73 0056 01987 | B73 0056 02336 | B73 0056 02546
HPMS Sections – AADT 2015: 13,286 23.36 14,700 25.46 14,206
HPMS Sections – AADT 2014: N/A 21.56 13,000 23.88 14,100 25.92 13,900
HPMS Sections – AADT 2013: 11,490 20.77 12,355 23.36 14,200 15,070
DOD Sections:
Functional Classification: Minor Arterial (4)
National Highway System (NHS): Not on NHS (0) 42+51 15+65 614+50 600+50
Previous Projects: Project No., Date and Limits: 24.85 25.36 (HWY–K–01–07M, PAVEMENT MARKING, 2007) 26.42 26.69

56C–01–90M (R) 1990 22.14 STP–056–1(38) (R) 1996 23.67 25.65 F–056–1(31) (New Alignment) 1993 27.76
.14 ← (56C–01–87M (R) 1987) 26.42 STP–056–1(36) 1998 26.75
← (50D–56AB–01–70 1970) 23.67 50D–01–92M (R) 1993 25.65
(S–0560(2) U–2 1963) → 20.13 F–056–1(8) 1967 22.14 DP–RF–056–1(10) (New Alignment) 1973 23.67 HWY–K–01–77M (R) 1977 (ER–7(1) U–2 1963) → 25.01 25.16 HWY–K–01–77M (R) 1977 25.65 COUNTY 27.52 LT–K–03–80M 1980 (R)

SCALE: (In Miles) 2" = 1 mile — 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30

| Date Released | |
|---|---|
| Nov. 2001 | |
| **Revised** | |
| Aug 04 | D.B. |
| Sept. 06 | D.B. |
| Feb. 08 | D.B. |
| Mar. 09 | D.B. |
| Sept. 10 | D.B. |
| Feb. 11 | D.B. |
| Feb. 12 | D.B. |
| Sept. 12 | E.P.J. |
| Dec. 13 | D.B. |
| July 14 | D.B. |
| Jan 16 | C.R. |
| Aug. 16 | D.B. |

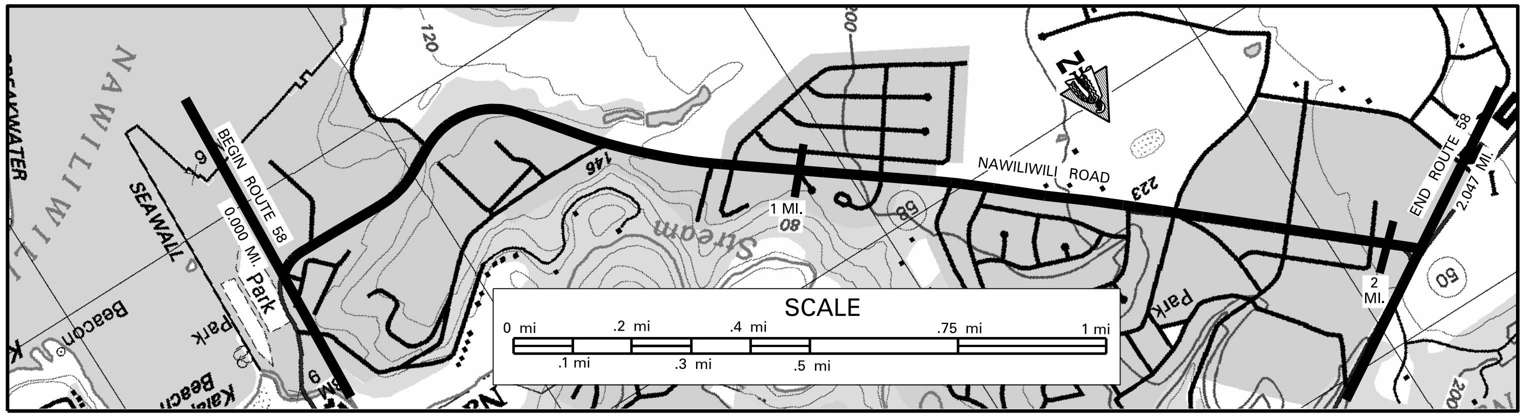
# ROAD INVENTORY
# KAUAI RTE 58
# NAWILIWILI ROAD

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

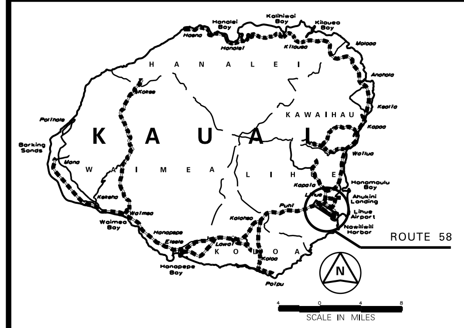
PREPARED BY THE
HIGHWAYS PLANNING BRANCH

IN COOPERATION WITH THE
U.S. DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION

**Total Route Length:** 2.047 **miles**
**a. Survey Length:** 2.047 **miles**
**b. Proposed Length:** 0.00 **miles**
**c. Other Length:** 0.00 **miles**

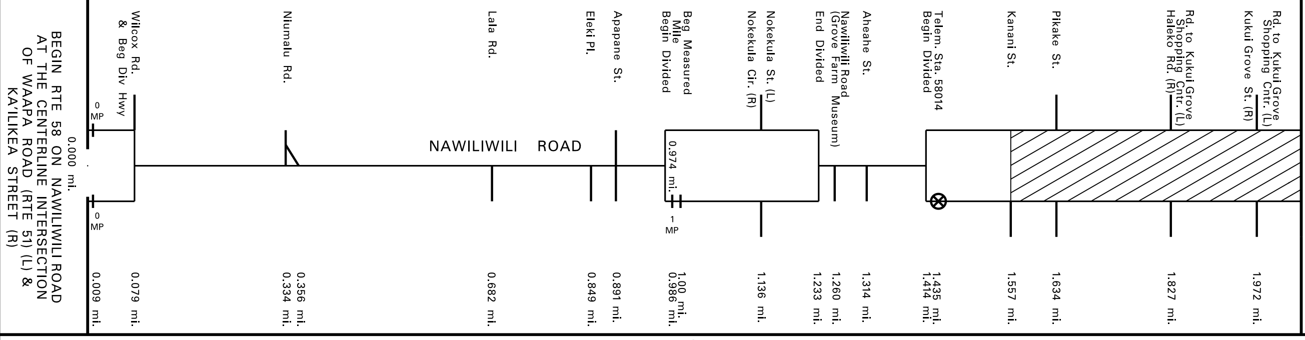


| | 0 — 1 — 2 — 3 |
|---|---|
| SCALE: (In Miles) 4″ = 1 mile | 0 · 1 · 2 · 3 |
| Maintenance Control Sections : Length and Description | Beg. 58A on Nawiliwili Rd. at the centerline intersection with Wapa Rd. (Rte 51) · 58 A (2.06 mi.) · End 58 A same as end route. |
| Structure Carrying Road — Bridges (Over 20′): Length, Type, Capacity and Year Constructed | |
| Structure Carrying Road — Vertical Clearance | |
| Structure Carrying Road — Horizontal Clearance | |
| Structure Over Road — Vertical Clearance | |
| Structure Over Road — Horizontal Clearance | |
| Right of Way Width (min.–max.) if varies | 80′ · 0.14 · 100′ · 0.16 · 120′ · 0.20 · 140′ · 150′ · 0.26 · 0.32 · 110′ · 0.42 · 90′ · 0.51 · 110′ · 0.56 · 100′ · 0.64 · 80′ · 1.67 · 120′ |
| Available Right of Way Width (Needs Study) | Residential / Commercial |
| Right of Way Fence: Type – Right and Left | 1.71 · 6′ Chainlink · 1.84 · 1.86 · 6′ Chainlink · 6′ Chainlink · 1.98 |
| Control of Access: 1–None, 2–Partial, 3–Full | None |
| Jurisdiction, Transfer Phase No. and Date (C to S or S to C) | State |
| Project No., Type of Construction, and Year Constructed | CMAQ–058–1(4), Bikeway, 2012 |
| Project No., Type of Construction, and Year Constructed | NH–051–1(10) Resurf., 2002 · 0.10 · NH–058–1(3), Resurface, 2002 |



**Road Diagram**

* MP = Milepost Signage


BEGIN RTE 58 ON NAWILIWILI ROAD AT THE CENTERLINE INTERSECTION OF WAAPA ROAD (RTE 51) (L) & KA'ILIKEA STREET (R)
0.000 mi.
0 MP
0 MP
Wilcox Rd. & Beg Div Hwy
Niumalu Rd.
Lala Rd.
Eleki Pl.
Apapane St.
Beg Measured Mile Begin Divided
0.974 mi.
1 MP
Nokekula St. (L) Nokekula Cir. (R)
Nawiliwili Road (Grove Farm Museum) End Divided
Aheahe St.
Telem. Sta. 58014 Begin Divided
Kanani St.
Pikake St.
Rd. to Kukui Grove Shopping Cntr. (L) Haleko Rd. (R)
Kukui Grove St. (R)
Rd. to Kukui Grove Shopping Cntr. (L)
NAWILIWILI ROAD
0.009 mi.
0.079 mi.
0.334 mi.
0.356 mi.
0.682 mi.
0.849 mi.
0.891 mi.
0.986 mi.
1.00 mi.
1.136 mi.
1.233 mi.
1.260 mi.
1.314 mi.
1.414 mi.
1.435 mi.
1.557 mi.
1.634 mi.
1.827 mi.
1.972 mi.

END RTE 58 ON NAWILIWILI ROAD AT THE SOUTH E.P. OF KAUMUALII HIGHWAY (RTE 50)
*2.047 mi.

* NOTE: ROUTE LENGTH ADJUSTED TO MATCH '15 VIDEOLOG & '15 FEATURES DATABASE.

▨ Indicates Grass & / or Physical Barrier on Median.

| | 0 — 1 — 2 — 3 |
|---|---|
| SCALE: (In Miles) 4″ = 1 mile | 0 · 1 · 2 · 3 |
| Undivided — Shoulder: Width and Type | 8′ AC · .079 · 10′ Dirt · 0.15 · 4′ AC · 0.49 · 9′ AC · 0.66 · 4′ AC · 1.58 · 10′ AC · .972 · 0 |
| Undivided — Pavement: Width and Type | 12′ AC · 24′ AC · 12′ AC · 24′ AC · 12′ AC · 1.84 · 24′ AC · 24′ PCC |
| Undivided — Shoulder: Width and Type | 0 · 10′ Dirt · 0.15 · 8′–10′ AC · 0.28 · 4′–22′ AC · 0 · (4′ AC) · 9′ AC · 4′ AC · 0 |
| Divided Highway — Median: Width and Type | 0′–13′ Painted AC · .079 · .974 · 0′–11′ Painted AC · .233 · 1.25 · 1.31 · .414 · 0′–20′ Paint · .557 · 0′–20′ Raised Grass · .972 · 0′–20′ Raised Conc. |
| Divided Highway — Shoulder: Width and Type | 0 · 0 · 0 |
| Divided Highway — Pavement: Width and Type | 12′ AC · 12′ AC · 24′ AC · 24′ PCC |
| Divided Highway — Shoulder: Width and Type | 8′ AC · 4′ AC · .634 · 10′ AC · .972 · 0 |
| Number of Traffic Lanes | .079 · .141 · 2–12′ · .853 · .891 · .989 · .089 · .136 · .248 · 1.50 · .557 · 1–12′ · .634 · 2–12′ · 2–12′ |
| Auxiliary Lanes and Parking Lanes: No. of Lanes and Width (Left Side) — All 12′ T.Ls. | 10′ (L) T.L. · .036 · .513 · .590 · .739 · .913 · .972 · .031 |
| (Right Side) — All 12′ T.Ls. | .039 · .079 · .037 · .136 · .175 · .514 · .557 · .574 · .634 · 1.73 · .827 · 1.90 · (Same as Through Lanes) |
| Frontage Road: No. of Lanes, and Width (Right and Left) | .972 · .003 |
| Sidewalk: Width and Type (Right and Left) | 1.59 · 4′ Conc. · 1.67 · .990 · (8′ Conc.) |
| Curb and/or Gutter: Type (Right and Left) | .094 · .275 · 6′ Concrete Gutter · .671 · 1.59 · .624 · Concrete Curb · Concrete Curb · 1.98 |
| Protective Devices: Type, Location and Number — All Guardrails M/M | .107 · .270 · .313 · .488 · .657 · 1.66 · 1.82 · 1.84 · 1.96 |
| Illumination: Type, Location and Number | None · 1.45 · 61 HPS |
| Curves Class: +/– Degree (A(0–3.45) B(3.45–5.44) C(5.44–8.48) D(8.48–13.85) E(13.85–28.62) F(<28.62) | E · 0.06 · A · 0.21 · C · 0.29 · A · 0.32 · C · 0.53 · A · 1.95 · C · 1.98 · B · A · 2.03 · F |
| Superelevation (Range) | |
| Grades Class: +/– % (A(0–.45) B(.45–2.45) C(2.45–4.45) D(4.45–6.45) E(6.45–8.45) F(<8.45) | C · 0.77 · B · 1.99 · C |
| Vertical Curve: Crest or Sag, Curve Limits | |
| Area and Development: | Small Urban (99998) |
| Terrain: 1–Flat, 2–Rolling, 3–Mountainous | Flat (1) · 0.08 · 0.16 · Rolling (2) · 0.71 · Flat (1) · 1.82 · 2.04 |
| Speed: 1–Design, 2–Posted | 25 MPH (2) / Not Posted · 35 MPH · 0.42 · 40 MPH (2) · 1.77 · 35 MPH (2) / 35 MPH (2) |
| Intersection Control Devices: Type, Location and Cycle Timing | 3 Phase · 1.64 · 3 Phase · 1.84 · 2.05 · 3 Phase |
| Traffic Stations (Current Year) | B73 0058 00000 · B73 0058 00034 · B73 0058 00069 · B73 0058 00183 |
| HPMS Sections – AADT 2015 | 12,730 · 0.34 · 10,400 · 0.69 · 12,500 · 1.83 · 6,500 |
| HPMS Sections – AADT 2014 | 0.08 · 9,100 · 10,700 · 1.64 · 8,600 · 7,100 |
| HPMS Sections – AADT 2013 | 12,355 · 11,300 · 1.42 · 12,100 · 1.84 · 6,800 · 1.97 · 13,365 |
| DOD Sections | |
| Census Tracts | |
| Functional Classification | Principal Arterial (3) |
| National Highway System (NHS) | On NHS (1) |
| Previous Projects: Project No., Date and Limits | STP–058–1(2), Realignment, 1993 · 0.16 · 1.61 · F–058–1(1), 1991 · 1.99 |
| | 0.11 · HWY–K–01–87 Improvements, 1987 · 0.68 · 58A–01–88M, Resurface, 1988 |
| | 58–01–71 (Reconstruction) 1971 · 2.12 |
| | Sta. 1+32 · S–254(1) 1954, 55 · Sta. 112+52.87 |
| SCALE: (In Miles) 4″ = 1 mile | 0 · 1 · 2 · 3 |

| Date Released | |
|---|---|
| *Aug. 2004, D.B.* | |
| **Revised** | |
| *Jan. 06* | *D.B.* |
| *Sept. 10* | *D.B.* |
| *Feb. 11* | *D.B.* |
| *Feb. 12* | *D.B.* |
| *Sept. 12* | *E.P.J.* |
| *Dec. 13* | *D.B.* |
| *July 14* | *D.B.* |
| *Jan 16* | *C.R.* |
| *Aug. 16* | *D.B.* |

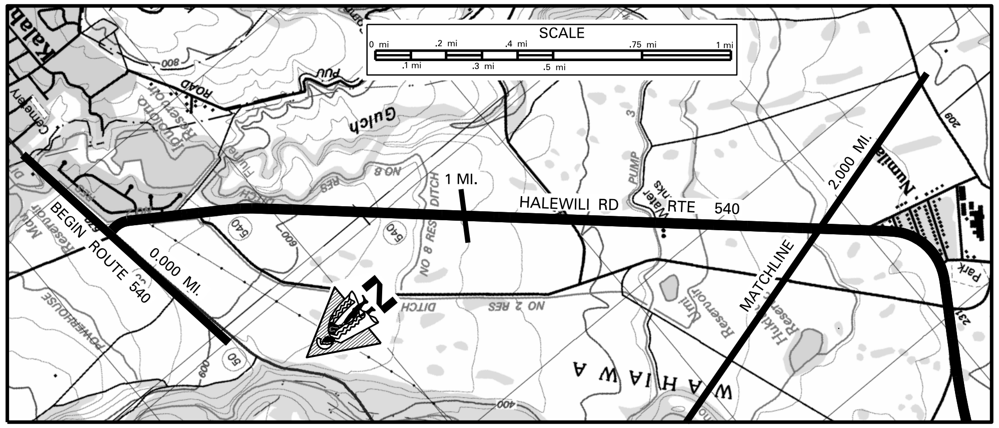
ROAD INVENTORY

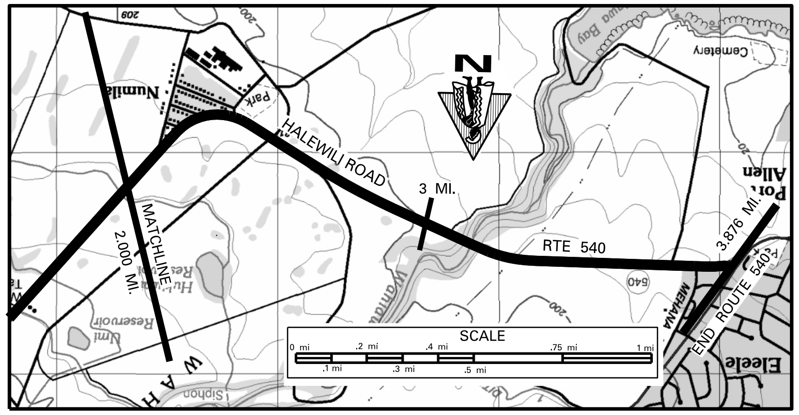
# KAUAI RTE 540
# HALEWILI ROAD

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

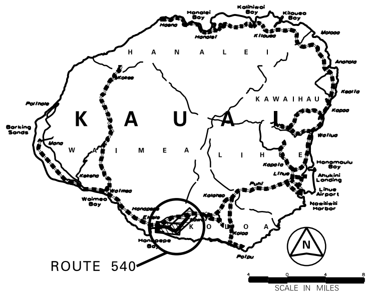
PREPARED BY THE
HIGHWAYS PLANNING BRANCH
IN COOPERATION WITH THE
U.S. DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION

**Total Route Length:** 3.876 **miles**
**a. Survey Length:** 3.876 **miles**
**b. Proposed Length:** 0.00 **miles**
**c. Other Length:** 0.00 **miles**





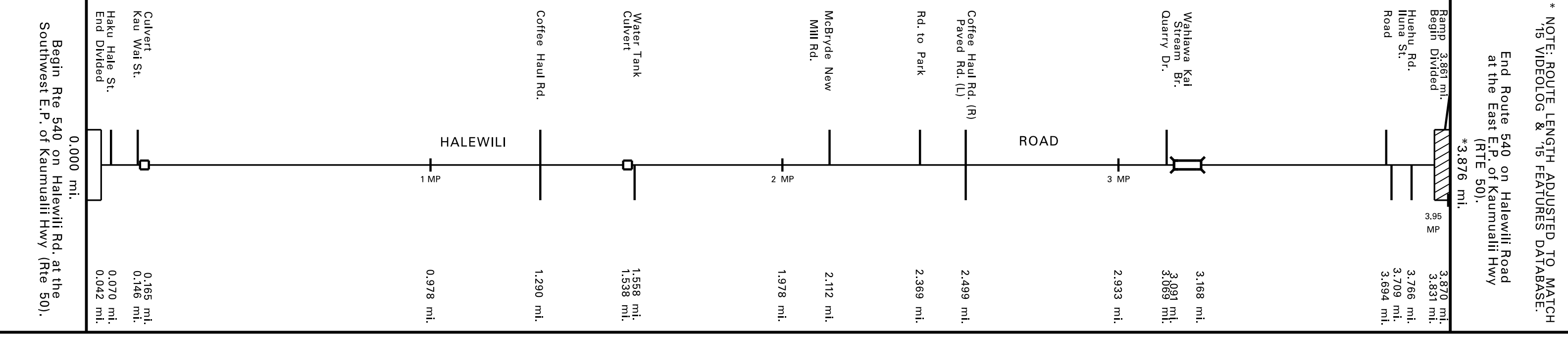
| | |
|---|---|
| SCALE: (In Miles) 4″ = 1 mile | 0 – 1 – 2 – 3 – 4 – 5 |
| Maintenance Control Sections : Length and Description | 0.01 Begin 540A on Halewili Rd, 30′ S.W. of centerline of Kaumualii Hwy. (Rte 50); 540 A (3.90 mi.); End 540A on Halewili Rd. 220′ N.E. (Measured along the S.W. Spur) of the Centerline Intersection w/ Kaumualii Hwy 3.91 |
| Structure Carrying Road: Bridges (Over 20′): Length, Type, Capacity and Year Constructed | Prestressed Beam 1950 (1974) H–20 |
| Structure Carrying Road: Vertical Clearance | 408′ |
| Structure Carrying Road: Horizontal Clearance | 48′ |
| Structure Over Road: Vertical Clearance | |
| Structure Over Road: Horizontal Clearance | |
| Right of Way Width (min.–max.) if varies | 60′ 1.02 65′ 1.06 60′ 2.47 80′ 3.65 130′ 3.69 65′ |
| Available Right of Way Width (Needs Study) | Clear 1000′ – Sugar Cane 20′ from E.P. 2.14 Residential 2.43 Clear 1000′ – Sugar Cane 20′ from E.P. |
| Right of Way Fence: Type – Right and Left | None |
| Control of Access: 1–None, 2–Partial, 3–Full | None |
| Jurisdiction, Transfer Phase No. and Date (C to S or S to C) | State |
| Project No., Type of Construction, and Year Constructed | 126+15 0.03 200+68 STP–0540(3), (R), 2007 72+10 1.05 |
| Project No., Type of Construction, and Year Constructed | (STP–050–1(9) (Realignment), 1996) 0.06 0.13 (STP–0700–(35) SHLDR & GRD. RL. IMPROV. 1997) STP–0540(2), 2006, GUARDRAILS AND SHOULDER IMPROVEMENTS (540A–01–02M 2004 RESURFACE) 12+00 3.71 |



▨ Indicates Grass & / or Physical Barrier on Median.

## Road Diagram

* MP = Milepost Signage


Begin Rte 540 on Halewili Rd. at the Southwest E.P. of Kaumualii Hwy (Rte 50).
0.000 mi.
Haku Hale St. End Divided 0.070 mi. 0.042 mi.
Culvert Kau Wai St. 0.165 mi. 0.146 mi.
HALEWILI
1 MP
0.978 mi.
Coffee Haul Rd. 1.290 mi.
Water Tank Culvert 1.558 mi. 1.538 mi.
2 MP
1.978 mi.
McBryde New Mill Rd. 2.112 mi.
Rd. to Park 2.369 mi.
Coffee Haul Rd. (R) Paved Rd. (L) 2.499 mi.
ROAD
3 MP
2.933 mi.
Wahiawa Kai Stream Br. Quarry Dr. 3.091 mi. 3.069 mi.
3.168 mi.
Huehu Rd. Iluna St. Road 3.766 mi. 3.709 mi. 3.694 mi.
Ramp 3.861 mi. Begin Divided 3.870 mi. 3.831 mi.
3.95 MP
End Route 540 on Halewili Road at the East E.P. of Kaumualii Hwy (RTE 50). *3.876 mi.
* NOTE: ROUTE LENGTH ADJUSTED TO MATCH '15 VIDEOLOG & '15 FEATURES DATABASE.

| | |
|---|---|
| SCALE: (In Miles) 4″ = 1 mile | 0 – 1 – 2 – 3 – 4 – 5 |
| Undivided: Shoulder: Width and Type | 6′ AC 3.0 12′ AC 3.22 6′ AC |
| Undivided: Pavement: Width and Type | ←(12′ AC) 24′ AC 2.97 .069 (12′ AC)→ |
| Undivided: Shoulder: Width and Type | 0 6′ AC 2.86 12′ AC 6′ AC 12′ AC 6′ AC 0 |
| Divided Highway: Median: Width and Type | ←(AC Curb (0′–53′) & Flush Grass (0′–40′) w/ AC Fringe (No Shoulder)) |
| Divided Highway: Median Barriers: | ←(0′–15′ Painted AC) .831 |
| Divided Highway: Shoulder: Width and Type | 0 .042 0 |
| Divided Highway: Pavement: Width and Type | ←(12′ AC) (12′ AC)→ |
| Divided Highway: Shoulder: Width and Type | ←(20′ Grass) (10′ Grass)→ |
| Number of Traffic Lanes | 2–12′ |
| Auxiliary Lanes and Parking Lanes: No. of Lanes and Width (Left Side) | .865 ←(Same as Through Lane) |
| (Right Side) | .667 .709 |
| Frontage Road: No. of Lanes, and Width (Right and Left) | |
| Sidewalk: Width and Type (Right and Left) | |
| Curb and/or Gutter: Type (Right and Left) | .160 .217 .469 .589 .868 .912 .529 .573 .077 .111 .197 .361 .269 .718 |
| Protective Devices: Type, Location and Number — Metal Rails on Metal Posts | .079 .073 .541 .542 |
| Illumination: Type, Location and Number | 0.01 .141 .177 .836 .026 .491 .546 .160 .201 .257 .309 .235 .677 |
| Curves Class: +/– Degree (A(0–3.45) B(3.45–5.44) C(5.44–8.48) D(8.48–13.85) E(13.85–28.62) F(<28.62) | (F)→ D 0.06 A 2.20 C 2.44 A 3.85 D |
| Superelevation (Range) | |
| Grades Class: +/– % (A(0–.45) B(.45–2.45) C(2.45–4.45) D(4.45–6.45) E(6.45–8.45) F(<8.45) | C 0.77 D 1.15 C 2.14 B 2.51 A 2.68 B 2.76 C 2.97 B 3.66 C |
| Vertical Curve: Crest or Sag, Curve Limits | |
| Area and Development: | Rural (99999) |
| Terrain: 1–Flat, 2–Rolling, 3–Mountainous | Rolling (2) |
| Speed: 1–Design, 2–Posted | 35 MPH (2) .197 (Not Posted)→ 35 MPH (2) 50 MPH (2) .027 35 MPH (2) .573 50 MPH (2) 45 MPH (1) 35 MPH (1) .766 ←(Not Posted) |
| Intersection Control Devices: Type, Location and Cycle Timing | .049 .033 .563 .505 .633 |
| Traffic Stations (Current Year) | B73 0540 00000 |
| HPMS Sections – AADT 2015 | 2,400 |
| HPMS Sections – AADT 2014 | 0.14 2,200 |
| HPMS Sections – AADT 2013 | 2,600 |
| DOD Sections | |
| Census Tracts | |
| Functional Classification | Major Collector (5) |
| National Highway System (NHS) | Not on NHS (0) |
| Previous Projects: Project No., Date and Limits | 0.06 STP–0700–(35) (Shoulder and Guardrail Improvements), 1997 |
| | 0.07 1.03 540A–01–02M 2004 RESURFACE |
| | (STP–050–1(9) (Realignment), 1996) HWY–K–01–91M (Resurface), 1991 3.11 3.18 HWY–K–01–91M (Resurface), 1991 |
| | 540A–01–72 (Resurface), 1972 3.09 3.25 540A–01–72 (Resurface), 1972 |
| | FAS 5A(1), 1939 1.50 S–5(2), 1950 (RS–540(1), 1974) 3.95 |
| | Sta. 127+84.80 Sta. –1+55.07 Sta. 79+44.07 Sta. 0+55.15 (Spur – Port Allen Leg) |
| SCALE: (In Miles) 4″ = 1 mile | 0 – 1 – 2 – 3 – 4 – 5 |

| Date Released |
|---|
| *Aug. 2004, DB* |

| Revised | |
|---|---|
| *Sept. 06* | *D.B.* |
| *Feb. 08* | *D.B.* |
| *Sept. 10* | *D.B.* |
| *Feb. 11* | *D.B.* |
| *Feb. 12* | *D.B.* |
| *Sept. 12* | *E.P.J.* |
| *Dec. 13* | *D.B.* |
| *July 14* | *D.B.* |
| *Jan 16* | *C.R.* |
| *Aug. 16* | *D.B.* |

Sheet 1 of 1 KAUAI RTE 540

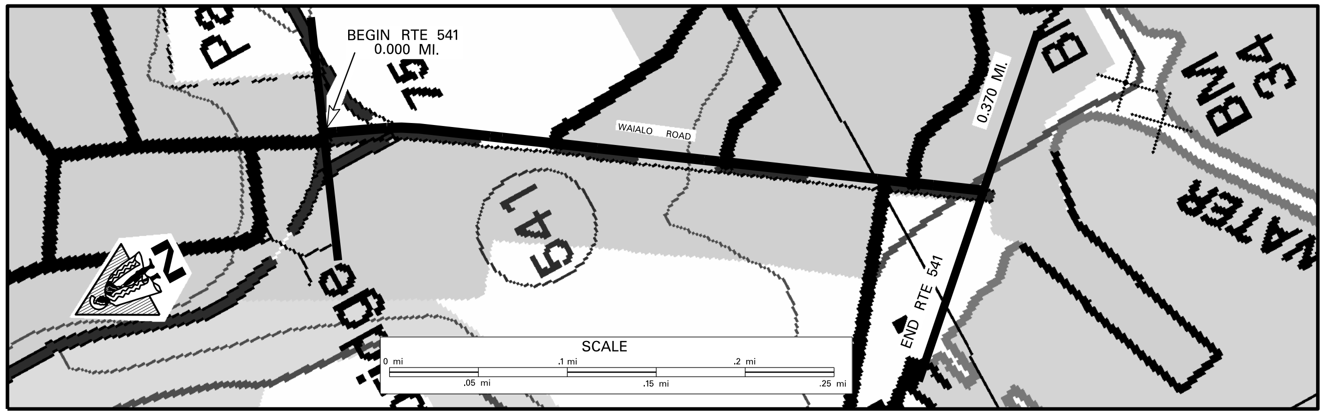
ROAD INVENTORY

# KAUAI RTE 541
# WAIALO ROAD

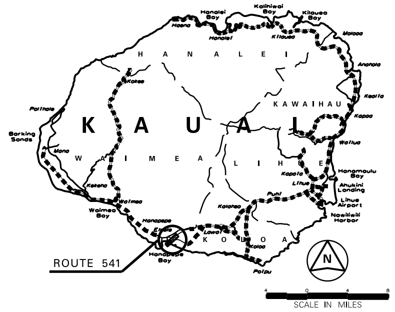
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PREPARED BY THE
HIGHWAYS PLANNING BRANCH
IN COOPERATION WITH THE
U.S. DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION

**Total Route Length:** 0.370 **miles**
**a. Survey Length:** 0.370 **miles**
**b. Proposed Length:** 0.00 **miles**
**c. Other Length:** 0.00 **miles**



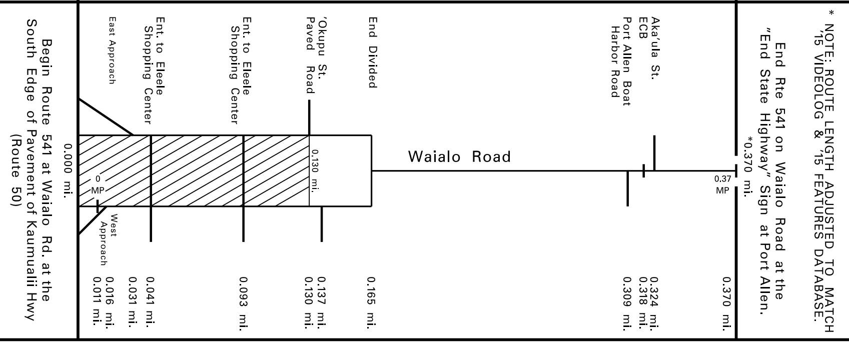
| | |
|---|---|
| SCALE: (In Miles) 20″ = 1 mile | 0.0 · 0.10 · 0.20 · 0.30 · 0.40 · 0.50 · 0.60 · 0.70 · 0.80 · 0.90 · 1.00 |
| Maintenance Control Sections : Length and Description | Begin 541 A on Waialo Road at Centerline of Kaumualii Hwy. · 541 A (0.37 mi.) · End 541 A Same as End Route. |
| Structure Carrying Road — Bridges (Over 20′): Length, Type, Capacity and Year Constructed | |
| Structure Carrying Road — Vertical Clearance | |
| Structure Carrying Road — Horizontal Clearance | |
| Structure Over Road — Vertical Clearance | |
| Structure Over Road — Horizontal Clearance | |
| Right of Way Width (min.–max.) if varies | Varies · 0.04 · ←R/W is 40′ from Centerline of Approaches · 100′ · 0.29 · 40′–100′ |
| Available Right of Way Width (Needs Study) | Residential |
| Right of Way Fence: Type – Right and Left | None |
| Control of Access: 1–None, 2–Partial, 3–Full | None |
| Jurisdiction, Transfer Phase No. and Date (C to S or S to C) | State |
| Project No., Type of Construction, and Year Constructed | 16+00 · 541A–01–04M, Resurf., 2008 · (–) 3+60 |
| Project No., Type of Construction, and Year Constructed | 541A–01–89M (R) 1990 |



▨ Indicates Grass & / or Physical Barrier on Median.

**Road Diagram**

* MP = Milepost Signage


Begin Route 541 at Waialo Rd. at the South Edge of Pavement of Kaumualii Hwy (Route 50)
0.000 mi.
East Approach
West Approach
0 MP
Ent. to Eleele Shopping Center
Ent. to Eleele Shopping Center
'Okupu St. Paved Road
End Divided
0.130 mi.
Waialo Road
Port Allen Boat Harbor Road
Aka'ula St. ECB
0.37 MP
0.011 mi.
0.016 mi.
0.031 mi.
0.041 mi.
0.093 mi.
0.130 mi.
0.137 mi.
0.165 mi.
0.309 mi.
0.318 mi.
0.324 mi.
0.370 mi.
End Rte 541 on Waialo Road at the "End State Highway" Sign at Port Allen.
*0.370 mi.

* NOTE: ROUTE LENGTH ADJUSTED TO MATCH '15 VIDEOLOG & '15 FEATURES DATABASE.

| | |
|---|---|
| SCALE: (In Miles) 20″ = 1 mile | 0.0 · 0.10 · 0.20 · 0.30 · 0.40 · 0.50 · 0.60 · 0.70 · 0.80 · 0.90 · 1.00 |
| Undivided — Shoulder: Width and Type | 5′–12′ AC · 0.17 · 6′–8′ AC |
| Undivided — Pavement: Width and Type | 16′ AC · .053 · 20′ AC · ←(30′ AC) · 25′–26′ AC |
| Undivided — Shoulder: Width and Type | 0 · 10′ Dirt · 0.20 · 6′ AC · .309 · 10′ AC |
| Divided Highway — Median: Width and Type | 4′–15′ Raised Grass · .041 · 4′ Raised Grass · .125 · 0′–5′ Paint · .165 |
| Divided Highway — Shoulder: Width and Type | 0 |
| Divided Highway — Pavement: Width and Type | 15′–18′ AC · .055 · 22′ AC · .132 · 10′ AC |
| Divided Highway — Shoulder: Width and Type | 10′ Dirt · 0.04 · 4′ AC · 0.09 · 10′ Dirt |
| Number of Traffic Lanes | 1–16′ · .053 · 2–10′ · 1–12′<br>1–(15′–18′) · .055 · 2–11′ · .132 · 1–10′ · 1–13′/14′ |
| Auxiliary Lanes and Parking Lanes: No. of Lanes and Width (Left Side) | 11′ · .055 · .170 |
| (Right Side) | 11′ · .028 · .119 · .137 · .170 |
| Frontage Road: No. of Lanes, and Width (Right and Left) | |
| Sidewalk: Width and Type (Right and Left) | |
| Curb and/or Gutter: Type (Right and Left) | |
| Protective Devices: Type, Location and Number | None |
| Illumination: Type, Location and Number | None |
| Curves Class: +/– Degree (A(0–3.45) B(3.45–5.44) C(5.44–8.48) D(8.48–13.85) E(13.85–28.62) F(<28.62) | C · 0.02 · B · 0.07 · A |
| Superelevation (Range) | |
| Grades Class: +/– % (A(0–.45) B(.45–2.45) C(2.45–4.45) D(4.45–6.45) E(6.45–8.45) F(<8.45) | C · 0.29 · B |
| Vertical Curve: Crest or Sag, Curve Limits | |
| Area and Development: | Small Urban (99998) |
| Terrain: 1–Flat, 2–Rolling, 3–Mountainous | Rolling (2) · .216 |
| Speed: 1–Design, 2–Posted | Not Posted · .052 · 35 MPH (2) · Not Posted |
| Intersection Control Devices: Type, Location and Cycle Timing | |
| Traffic Stations (Current Year) | B73 0541 00000 |
| HPMS Sections – AADT 2015 | 2,900 |
| HPMS Sections – AADT 2014 | 0.14 · 2,700 |
| HPMS Sections – AADT 2013 | 8,647 · 0.04 · 4,224 · 0.17 · 2,800 |
| DOD Sections | |
| Census Tracts | |
| Functional Classification | Major Collector (5) |
| National Highway System (NHS) | Not on NHS (0) |
| Previous Projects: Project No., Date and Limits | FAP 12 J, 1939 |
| SCALE: (In Miles) 20″ = 1 mile | 0.0 · 0.10 · 0.20 · 0.30 · 0.40 · 0.50 · 0.60 · 0.70 · 0.80 · 0.90 · 1.00 |

| Date Released | |
|---|---|
| Sept. 2004, D.B. | |
| **Revised** | |
| Mar. 09 | D.B. |
| Dec. 09 | D.B. |
| Sept. 10 | D.B. |
| Feb. 11 | D.B. |
| Feb. 12 | D.B. |
| Sept. 12 | E.P.J. |
| Dec. 13 | D.B. |
| July 14 | D.B. |
| Jan 16 | C.R. |
| Aug. 16 | D.B. |

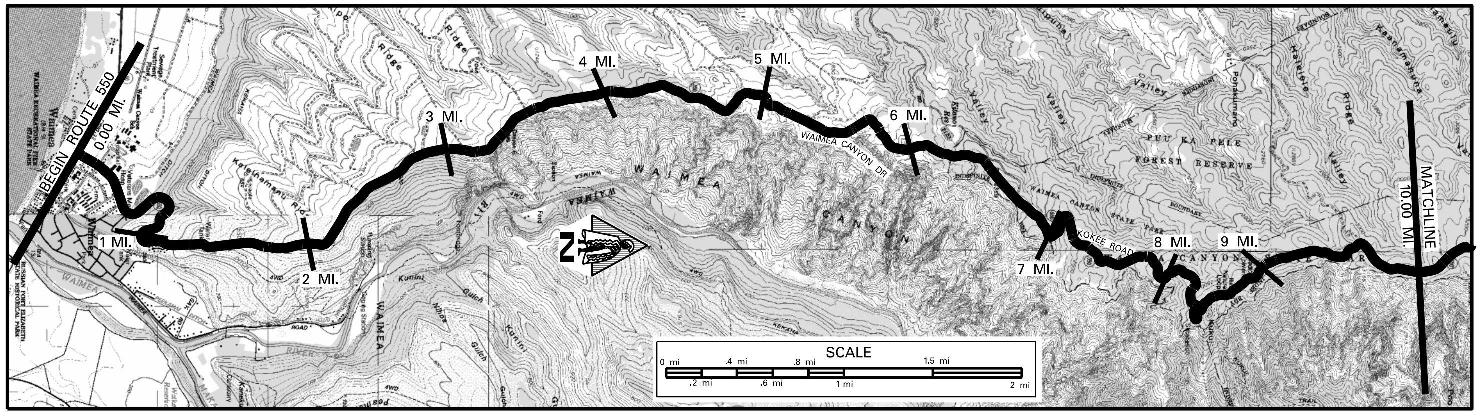
# ROAD INVENTORY
# KAUAI RTE 550
# WAIMEA CANYON DRIVE & KOKEE RD.

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

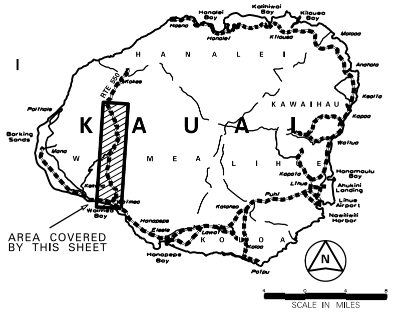
PREPARED BY THE
HIGHWAYS PLANNING BRANCH

IN COOPERATION WITH THE
U.S. DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION

**Total Route Length:** 14.08 **miles**
**a. Survey Length:** 14.08 **miles**
**b. Proposed Length:** 0.00 **miles**
**c. Other Length:** 0.00 **miles**



| SCALE: (In Miles) 2" = 1 mile | 0 – 10 |
|---|---|
| Maintenance Control Sections : Length and Description | BEG 550 A ON WAIMEA CANYON DRIVE AT CENTERLINE WITH KAUMUALII HWY (RTE 50); 550 A (6.73 MI.); 6.73 END 550A & BEG 550 B ON WAIMEA CANYON DR. 50' S.E. OF THE CENTERLINE INTERSECTION WIYH KOKEE RD.; 550 B (7.37 MI.) |
| Structure Carrying Road – Bridges (Over 20'): Length, Type, Capacity and Year Constructed | |
| Structure Carrying Road – Vertical Clearance | |
| Structure Carrying Road – Horizontal Clearance | |
| Structure Over Road – Vertical Clearance | |
| Structure Over Road – Horizontal Clearance | |
| Right of Way Width (min.–max.) if varies | 40'; 1.19; 80'; 4.16; 40'; 6.78; 80' |
| Available Right of Way Width (Needs Study) | RESIDENTIAL; 0.67; CLEAR 1000' BUSHES AND GRASS; 7.00; TREES |
| Right of Way Fence: Type – Right and Left | NONE |
| Control of Access: 1–None, 2–Partial, 3–Full | 3.41 SF 3.50; 3.64 SILT FENCE 4.15; 4.32 SF 4.37; SF 4.33 |
| Jurisdiction, Transfer Phase No. and Date (C to S or S to C) | STATE; 312+84.36; STP–0550(004),(R),2015; 385+98; 445+66; 492+60 |
| Project No., Type of Construction, and Year Constructed | 0.75; 550AB–01–06,GUARDRAIL & SHOULDER IMPV., 2012; 4.64; 4.98; 550A–01–01M, (RESURF.) 2002; 6.00; 7.38 STP–0700(58),GUARDRAIL & SHOULDER IMPV., 2008 9.39 |
| Project No., Type of Construction, and Year Constructed | 550A–01–95M (RESURF), 1996; 2.75; 350A–01–90M, RESURF, 1990; 6.74; 550B–01–92M, 1992 (R); 8.52; 550B–01–91M (RESURFACE) 1991 |

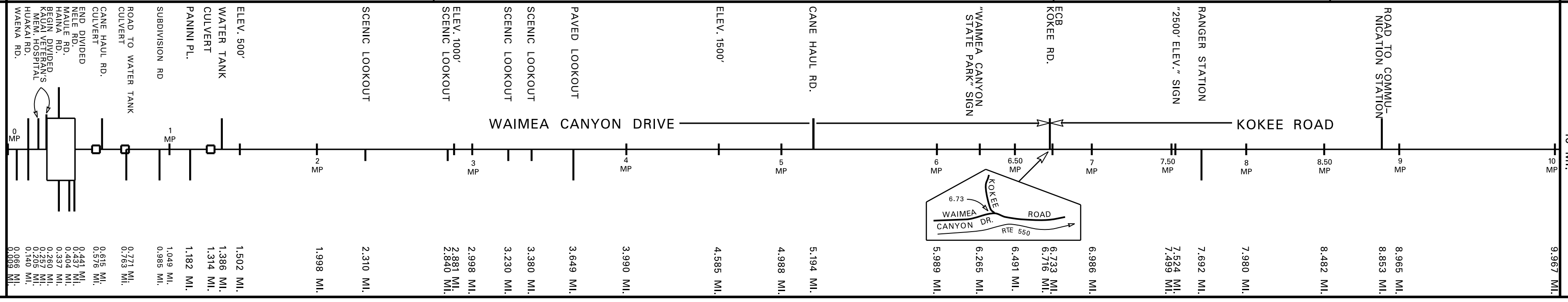


AREA COVERED BY THIS SHEET

**Road Diagram**

* MP=Milepost Signage

0.00 mi.
BEGIN RTE 550 ON WAIMEA CANYON DR. AT THE N.E. EDGE OF PAV'T OF KAUMUALII HWY (RTE 50).



CONTINUED ON SHEET #2
10 MI.

| SCALE: (In Miles) 2" = 1 mile | 0 – 10 |
|---|---|
| Divided Highway – Undivided – Shoulder: Width and Type | 4' GRASS; 0.20; 4'–6' GRAVEL; 0.75 6' AC 0.78; 4'–6' GRAVEL; 1.02; 6' GRAVEL; 2'–4' GRASS; 4.32 4' AC 4.37; 2'–4' GRASS; 5.97; 2'–6' DIRT; 6.77; VARIES 2'–6' GRAVEL; 9.25; 2'–6' GRASS |
| Pavement: Width and Type | 18' AC; 9' AC; 18' AC; .100; 16' AC; .754; 16'–24' AC |
| Shoulder: Width and Type | 6'; 18' GRASS; 0; 6' GRASS; 0.80; 3'; 6'; 1.02; 6' GRAVEL; 3.48; 2' GRAVEL; 3.64; 4' AC; 4.15; 2' GRAVEL; 4' AC; 2' GRAVEL; 4.60; 6' DIRT; 4.98; 4' GRASS; 5.55; 2'–6' GRASS; 6.92; 4'; 7.09; 6'–8'; 7.65; 10'; 7.88; 3' GRAVEL; 8.23; 8' DIRT; 8.45; 0'–2' DIRT |
| Median: Width and Type | 0.07; .260; (10' PAINTED AC); .441; 0.97; 4.33; 4.37; 6.00 CL MILLED RUMBLE STRIP 8.52 |
| Median Barriers: | |
| Divided Highway – Shoulder: Width and Type | 0 |
| Pavement: Width and Type | 9' AC |
| Shoulder: Width and Type | 18' GRASS |
| Number of Traffic Lanes | 2–9'; .100; 2–8'; .754; 2–(8'–12') |
| Auxiliary Lanes and Parking Lanes: No. of Lanes and Width (Left Side) | .337 11' .429 |
| (Right Side) | .277 11' .384; .404 11' |
| Frontage Road: No. of Lanes, and Width (Right and Left) | |
| Sidewalk: Width and Type (Right and Left) | None |
| Curb and/or Gutter: Type (Right and Left) | .890 .909 CONC. GUTTER |
| Protective Devices: Type, Location and Number (ALL STEEL ON STEEL GUARDRAILS) | .752–.777; .757–.769; .819–.984; .013–.067; .098–.271; .307–.344; .286–.345; .505–.747; .040–.156; .222–.482; .511–.506; .531–.625; .987–.023; .757–.775; .660–.890; .354–.404; .815–.837; .362–.411; .199–.269; .313–.357; .521–.586 |
| Illumination: Type, Location and Number | 0.07 MV 0.56 |
| Curves Class: +/– Degree (A(0–3.45) B(3.45–5.44) C(5.44–8.48) D(8.48–13.85) E(13.85–28.62) F(<28.62) | C 0.11 BA 0.20 C 0.28 A 0.41 E 0.55 A 0.61 E 0.93 AE 1.09 D 1.24 AB 1.36 E 1.45 A 1.63 C 1.71 B 2.06 E 2.15 A 2.30 C 2.37 B 2.46 C 2.54 A 2.68 C 2.82 ABA 2.96 B AD 3.13 DAE 3.28 CBABC 3.50 AC 3.63 EBAB 3.81 A 4.00 CA 4.10 BC 4.28 DEA 4.40 D 4.49 EA 4.60 DCA 4.71 EBD 4.84 ED 4.96 EF 5.08 EC 5.20 A 5.35 BDC 5.49 DBA 5.60 FD 5.74 E 5.85 DA 5.94 DC 6.08 EDA 6.18 E 6.30 DE 6.46 A 6.70 BC DCB 6.86 D 6.99 FEFD 7.15 F 7.23 A 7.30 EF 7.43 E 7.52 FED 7.67 A 7.74 EFE 7.93 FE 8.07 F 8.13 E 8.37 F 8.56 E 8.62 DE 8.78 CEF 8.89 EAE 9.03 C 9.16 BA 9.26 DE 9.39 DA 9.45 E 9.68 CA 9.80 EDA 9.96 B |
| Superelevation (Range) | |
| Grades Class: +/– % (A(0–.45) B(.45–2.45) C(2.45–4.45) D(4.45–6.45) E(6.45–8.45) F(<8.45) | B 0.34 C 0.68 F 0.96 E 1.15 F 2.07 E 2.12 C 2.21 A 2.28 B 2.36 C 2.75 D 2.99 F 3.16 D 3.47 B 3.60 C 4.05 E 4.46 D 4.64 F 4.89 C 5.21 B 5.33 D 5.48 C 5.54 E 5.62 C 5.75 F 6.57 E 6.62 C 6.71 B 6.77 F 6.86 D 7.49 C 7.63 D 7.66 B 9.28 C 9.34 E 9.85 C |
| Vertical Curve: Crest or Sag, Curve Limits | 2.07; 2.12; 2.21; 2.28; 2.36; 5.48; 5.54; 6.62; 6.71; 6.77; 7.63 |
| Area and Development: | SMALL URBAN (99998) |
| Terrain: 1–Flat, 2–Rolling, 3–Mountainous | FLAT (1); 0.58; MOUNTAINOUS (3) |
| Speed: 1–Design, 2–Posted | 25 MPH (2) |
| Intersection Control Devices: Type, Location and Cycle Timing | |
| Traffic Stations (Current Year) | B73 0550 00000; B73 0550 00118; B73 0550 00672 |
| HPMS Sections – AADT 2015 | 2,759; 715; 6.72; 1,400 |
| HPMS Sections – AADT 2014 | 2,700; 700; 6.27; N/A |
| HPMS Sections – AADT 2013 | 2,640; 0.58; 1,162; 1.18; 970; 2.84; 855; 6.74; 1,056; 8.88; 1,674 |
| DOD Sections | |
| Census Tracts | |
| Functional Classification | MAJOR COLLECTOR (5) |
| National Highway System (NHS) | Not on NHS (0) |
| Previous Projects: Project No., Date and Limits | HYY–K–01–82M (R) 1982; 1.02; RS–0550(2) RESURFACE, SAFETY & IMPROV., 1982; 3.48; 6.74; 550B–01–74, (RESURF), 1974; 8.73; 550–A–01–73, (R), 1973 |
| | HWY–K–01–70, 1970 (R); 1.05; LAND AND NATURAL RESOURCES (CONST. & MAINT. BY D.O.T.) 1963; 6.67 ←PHASE II; COUNTY |

SCALE: (In Miles) 2" = 1 mile

| Date Released | |
|---|---|
| Sept. 04, D.B. | |
| **Revised** | |
| Sept. 06 | D.B. |
| Mar. 09 | D.B. |
| Sept. 10 | D.B. |
| Feb. 11 | D.B. |
| Feb. 12 | D.B. |
| Sept. 12 | E.P.J. |
| Dec. 13 | D.B. |
| July 14 | D.B. |
| Jan 16 | C.R. |
| Aug. 16 | D.B. |

ROAD INVENTORY

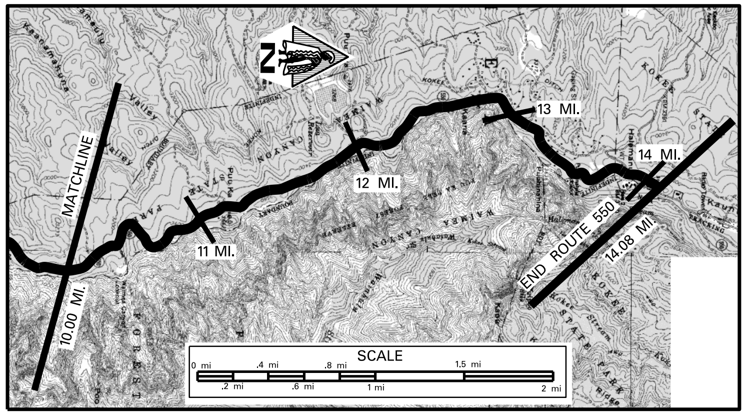
# KAUAI RTE 550
# KOKEE ROAD

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PREPARED BY THE
HIGHWAYS PLANNING BRANCH

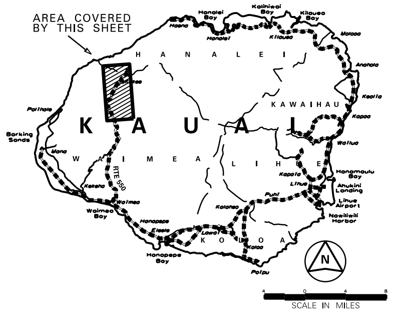
IN COOPERATION WITH THE
U.S. DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION

**Total Route Length:** 14.08 miles
**a. Survey Length:** 14.08 miles
**b. Proposed Length:** 0.00 miles
**c. Other Length:** 0.00 miles



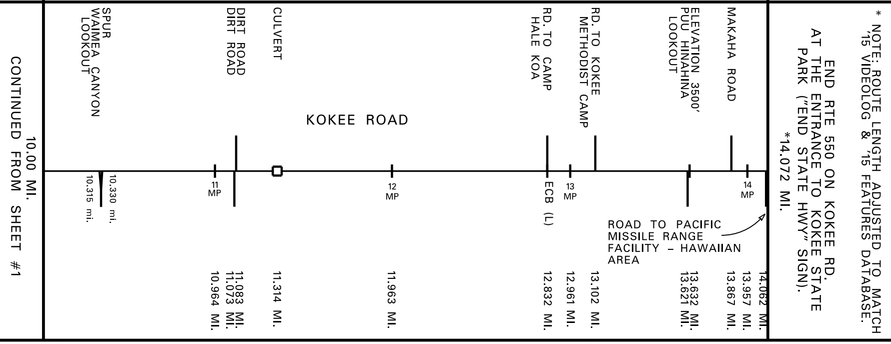
SCALE: (In Miles) 2" = 1 mile — 10 11 12 13 14 15 16 17 18 19 20

| | |
|---|---|
| Maintenance Control Sections : Length and Description | 550 B (7.37 MI.) |
| Structure Carrying Road — Bridges (Over 20'): Length, Type, Capacity and Year Constructed | |
| Structure Carrying Road — Vertical Clearance | |
| Structure Carrying Road — Horizontal Clearance | |
| Structure Over Road — Vertical Clearance | |
| Structure Over Road — Horizontal Clearance | |
| Right of Way Width (min.–max.) if varies | 80' |
| Available Right of Way Width (Needs Study) | TREES – MOUNTAINS |
| Right of Way Fence: Type – Right and Left | NONE |
| Control of Access: 1–None, 2–Partial, 3–Full | NONE |
| Jurisdiction, Transfer Phase No. and Date (C to S or S to C) | 560 + 56 STATE 683 + 55 |
| Project No., Type of Construction, and Year Constructed | 10.68 STP–0700(58), GUARDRAILS & SHOULDER IMPV., 2008 13.03 |
| Project No., Type of Construction, and Year Constructed | 550B–01–91M (RESURF.) 1991 |



**Road Diagram**

* MP=Milepost Signage



END RTE 550 ON KOKEE RD. AT THE ENTRANCE TO KOKEE STATE PARK ("END STATE HWY" SIGN).

* NOTE: ROUTE LENGTH ADJUSTED TO MATCH '15 VIDEOLOG & '15 FEATURES DATABASE.

SCALE: (In Miles) 2" = 1 mile — 10 11 12 13 14 15 16 17 18 19 20

| | |
|---|---|
| Divided Highway — Undivided — Shoulder: Width and Type | VARIES 2'–6' GRASS |
| Undivided — Pavement: Width and Type | 16'–22' AC |
| Undivided — Shoulder: Width and Type | 0'–2' DIRT 10.38 4'–6' GRASS 10.97 VARIES 2'–6' GRASS |
| Median: Width and Type | |
| Median Barriers: | |
| Divided — Shoulder: Width and Type | |
| Divided — Pavement: Width and Type | |
| Divided — Shoulder: Width and Type | |
| Number of Traffic Lanes | 2 (8'–11') |
| Auxiliary Lanes and Parking Lanes: No. of Lanes and Width (Left Side) | NONE |
| (Right Side) | NONE |
| Frontage Road: No. of Lanes, and Width (Right and Left) | |
| Sidewalk: Width and Type (Right and Left) | NONE |
| Curb and/or Gutter: Type (Right and Left) | NONE |
| Protective Devices: Type, Location and Number — ALL METAL RAILS ON METAL POSTS | .659 .683; .907 .956; .717 .758; .840 .913; .650 .677; .964 .988 |
| Illumination: Type, Location and Number | NONE |
| Curves Class: +/– Degree (A(0–3.45) B(3.45–5.44) C(5.44–8.48) D(8.48–13.85) E(13.85–28.62) F(<28.62) | BADA 10.17 BC 10.27 EFB 10.40 ECB 10.58 E 10.87 D 11.20 AE 11.28 DAC 11.39 ACA 11.49 DABA 11.68 CA 11.77 CB 11.88 A 12.00 E 12.08 D 12.31 CA 12.41 E 12.47 D 12.58 B 12.65 A 12.88 E 12.95 AC 13.06 AB 13.17 E 13.23 DA 13.38 BA 13.47 EF 13.61 EA 13.76 D 13.91 CDE |
| Superelevation (Range) | |
| Grades Class: +/– % (A(0–.45) B(.45–2.45) C(2.45–4.45) D(4.45–6.45) E(6.45–8.45) F(<8.45) | C 10.05 B 10.13 D 10.46 E 10.80 B 11.07 C 11.42 B 11.86 C 12.04 A 12.28 B 12.37 C 12.77 B 12.90 C 12.95 B 13.13 E 13.26 D 13.50 C 13.72 B 13.85 C |
| Vertical Curve: Crest or Sag, Curve Limits | |
| Area and Development: | SMALL URBAN (99998) |
| Terrain: 1–Flat, 2–Rolling, 3–Mountainous | MOUNTAINOUS (3) |
| Speed: 1–Design, 2–Posted | 25 MPH (2) .990 (NOT POSTED) |
| Intersection Control Devices: Type, Location and Cycle Timing | |
| Traffic Stations (Current Year) | B73 0550 00672 |
| HPMS Sections – AADT 2015 | 1,400 |
| HPMS Sections – AADT 2014 | N/A |
| HPMS Sections – AADT 2013 | 1,674 |
| DOD Sections | |
| Census Tracts | |
| Functional Classification | MAJOR COLLECTOR (5) |
| National Highway System (NHS) | Not on NHS (0) |
| Previous Projects: Project No., Date and Limits | 550A–01–73 (R) 1973 12.10 COUNTY 550B –01–74 (R) 1974 |

SCALE: (In Miles) 2" = 1 mile — 10 11 12 13 14 15 16 17 18 19 20

| Date Released | |
|---|---|
| Sept 04, D.B. | |
| **Revised** | |
| Sept 06 | D.B. |
| Mar. 09 | D.B. |
| Sept 10 | D.B. |
| Feb. 11 | D.B. |
| Feb. 12 | D.B. |
| Sept. 12 | E.P.J. |
| Dec. 13 | D.B. |
| July 14 | D.B. |
| Jan 16 | C.R. |
| Aug. 16 | D.B. |

Sheet 2 of 2 KAUAI RTE 550

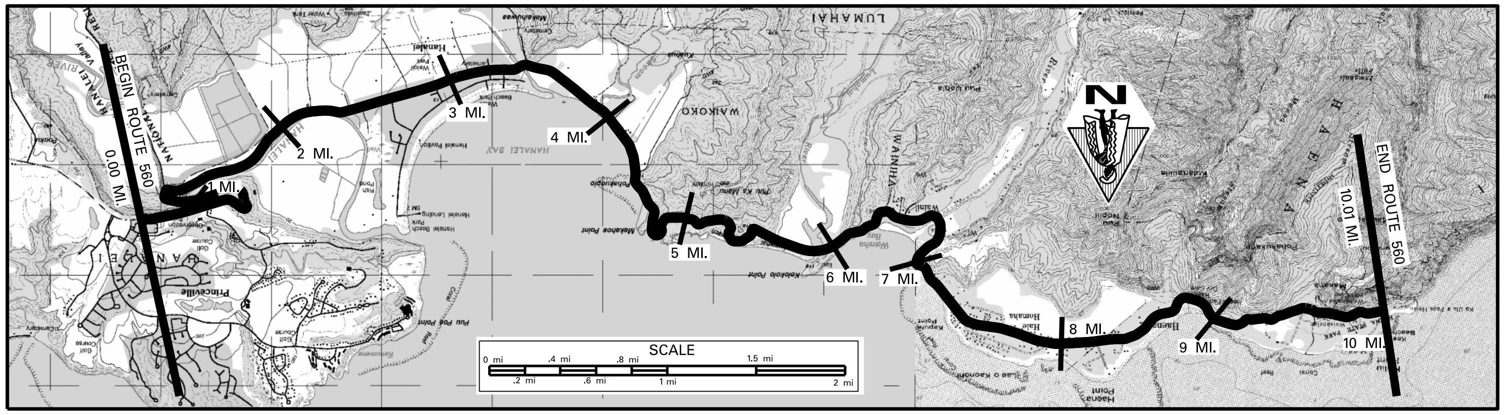
# ROAD INVENTORY
# KAUAI RTE 560
# KUHIO HIGHWAY

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PREPARED BY THE
HIGHWAYS PLANNING BRANCH

IN COOPERATION WITH THE
U.S. DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION

**Total Route Length:** 10.01 **miles**
**a. Survey Length:** 10.01 **miles**
**b. Proposed Length:** 0.00 **miles**
**c. Other Length:** 0.00 **miles**



SCALE: (In Miles) 2" = 1 mile — 0 1 2 3 4 5 6 7 8 9 10

**Maintenance Control Sections : Length and Description** — Begin 560 A same as Begin Route. | 560 A (10.01 mi.) | End 560 A same as End Route 560.

**Structure Carrying Road**

**Bridges (Over 20'): Length, Type, Capacity and Year Constructed** — Steel Pratt Truss 1912 H–10, 113'; R.C. Flat Slab 1912, H–15, 90'; R.C. Flat Slab 1912, H–15, 188'; R.C. Flat Slab 1913, H–10, 45'; Cont. Concrete 1968 HS 20, 538'; Steel Truss Deck 1969, H10, 42'; Steel Truss Deck 1973, H15, 78'; Steel Truss Deck 1975, H15, 146'

**Vertical Clearance** — 1.20; 3.39; 3.91; 4.21; 5.87; 6.39; 6.65; 6.68

**Horizontal Clearance** — 17'; 13'; 13'; 13'; 28'; 10'; 10'; 14'

**Structure Over Road**

**Vertical Clearance**

**Horizontal Clearance**

**Right of Way Width (min.–max.) if varies** — 40' | 5.78 80'–125' 5.99 | 40'

**Available Right of Way Width (Needs Study)** — Grass and Small Trees | 2.32 | Residential | 3.82 | Trees and Brush | 5.87 | 6.35 | Residential with Trees and Bushes

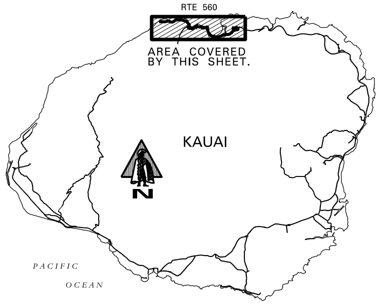
**Right of Way Fence: Type – Right and Left** Footage indicates how far away from the edge of pavement the fence is. — 1.89 Wire 10' 2.18; Wood 8' Chain Link 6'; 3.60 Wire 15'–25'; 5.73 Wire 50'; Wire 6' 6.56 6.59; Chain Link 6' 7.41 7.44; Wood 10' 7.65 7.67; Wire 10' 8.09 8.14; Wire 6' 8.14 8.24; Wire 10' 8.29 8.32; Wire 8' 8.50 8.53

**Control of Access: 1–None, 2–Partial, 3–Full** — 3.00 3.11 3.17 3.81 None

**Jurisdiction, Transfer Phase No. and Date (C to S or S to C)** — 469+92; 305+71; State

**Project No., Type of Construction, and Year Constructed** — 1.11 HRR–0560(12), SAFTEY IMPROVEMENTS, 2014 4.22

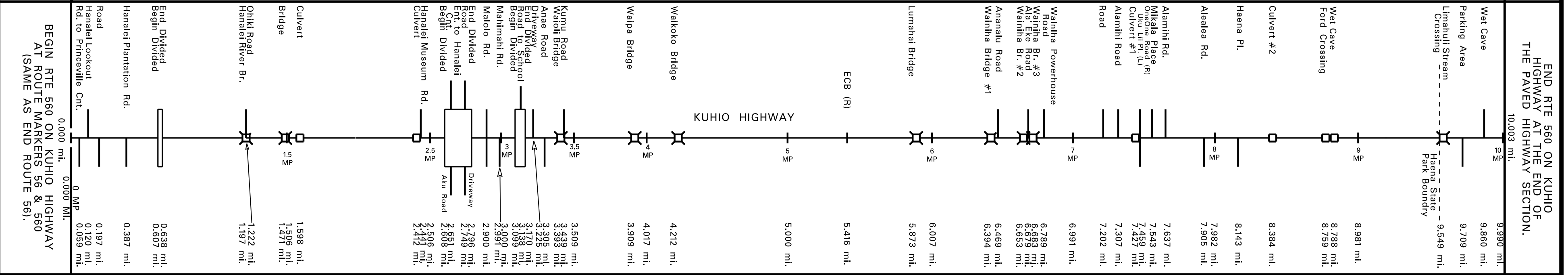
**Project No., Type of Construction, and Year Constructed** — 0.01 560A–03–99, SHLDR. IMPRV. 2005 10.01



## Road Diagram

* MP=Milepost Signage

* NOTE: ROUTE LENGTH ADJUSTED TO MATCH '15 VIDEOLOG & '15 FEATURES DATABASE.



SCALE: (In Miles) 2" = 1 mile — 0 1 2 3 4 5 6 7 8 9 10

**Divided Highway**

**Undivided**

**Shoulder: Width and Type** — 2' AC/6' Grs. 0.38 | 1'–2' AC | 4'–6' AC | 2.85 | (9'–10' AC) | 2' AC | 3.39 | 4' Grs. | 4.88 | 0 | 5.19 | 6' Grs. | 5.42 | 0 | 5.63 | 8' Grs. | 5.88 | (4' PCC) | 0 | 6.41 | 2' Grass | 6.85 | 0 | 7.05 | 4' Grass | 8.64 | 0'–2' Grass | 8.83 | 0'–2' AC

**Pavement: Width and Type** — 20'–24' AC | (10'–12' AC) | 19'–22' AC | .900 | 19'–20' AC | 9'–10' AC | 19'–20' AC | 19'–20' AC | .300 | 18'–21' AC | .700 | 18'–22' AC | 5.99 | 18'–22' AC | .700 | 18'–20' AC | .500 | 18'–23' AC

**Shoulder: Width and Type** — 2' AC/6' Grass | 0.46 | 1' AC | (0') | 1' AC | 1.25 | 1'AC/6' Grass | 1.67 | 2'AC/6' Grass | 2.41 | 2' AC | (2' AC) 0 | 2.83 | 2' AC/8' Grs. | 0 | (2' AC/10' Grs.) | 3.37 | 0 | 3.57 | 8' Grs. | 4.57 | 0'–1' AC | (18'–22' PCC) | 5.88 | 4' PCC | 0 | 6.34 | 2'–4' Grs. | 6.93 | 0 | 7.09 | 6'–8' Grass | 8.83 | 0'–2' AC

**Median: Width and Type** — (0'–5' Paint); (0'–10' Painted AC); (0'–7' Painted AC)

**Median Barriers:**

**Shoulder: Width and Type** — (0'); 0

**Pavement: Width and Type** — (10'–12' AC); 10' AC; (10' AC)

**Shoulder: Width and Type** — (1'AC); (1' AC); 2' AC; (2' AC/10' Grass)

**Number of Traffic Lanes** — 1–(10'–12') | .638 | 1–(10'–12') | .900 | 1–(9'–10') | 1–10' | .300 | 1–(9'–11') | .700 | 1–(9'–11') | 1–9' | .500 | 1–(8'–11') | 1–(10'–12')

**Auxiliary Lanes and Parking Lanes: No. of Lanes and Width (Left Side)** — 10'; 10'; 10'; .772; 10'

**(Right Side)** — Bus 12' .003 .033; 11' .161 .197; 11' .327 .387; 10'

**Frontage Road: No. of Lanes, and Width (Right and Left)**

**Sidewalk: Width and Type (Right and Left)** — (Conc. Gutter); 5'; .632; .768; .745

**Curb and/or Gutter: Type (Right and Left)** — (Conc. Gutter); .606; (Conc. Curb); (2' Conc. Curb & Gutter); .111 .174; (Conc. Barrier); (Conc. Gutter)

**Protective Devices: Type, Location and Number** All Metal on Metal unless otherwise noted. — (Conc. Barrier)

**Illumination: Type, Location and Number** — 14 M.V. | 3.31 | 5 M.V.

**Curves Class: +/– Degree (A(0–3.45) B(3.45–5.44) C(5.44–8.48) D(8.48–13.85) E(13.85–28.62) F(< 28.62)** — A 0.45 DA FD E 0.80 A BAC FB C A C B 1.51 A 1.67 B AB 1.92 A 2.24 BD 2.38 A 2.90 BAB 3.05 A 3.34 EAE A C 3.61 A 3.93 C 3.99 A 4.17 CA C AC ED A C EBC F EA CE F D A 5.18 E 5.44 D F 5.54 A 5.80 B 6.04 A D A E A F E DA C AE FA ECD BC F E DB 7.21 A 7.41 DB AB 7.53 A 7.84 B A C 7.98 A 8.27 B A D AC AC ADA A D A DC D B AE F D A E C B C DA B A B EC DE D A B

**Superelevation (Range)** — 0.58 0.69 0.96 1.11 1.24 1.35 1.43 1.81 .005 .023 .111 .128 3.46 3.54 4.28 4.38 4.49 4.57 4.70 4.81 4.96 5.06 6.17 6.29 6.41 6.51 6.60 6.71 6.85 6.98 7.09 8.38 8.50 8.65 8.83 8.97 9.05 9.19 9.29 9.40 9.50 9.67 9.77 9.89

**Grades Class: +/– % (A(0–.45) B(.45–2.45) C(2.45–4.45) D(4.45–6.45) E(6.45–8.45) F(< 8.45)** — C 0.27 B 0.45 D 1.31 .045 .065 A 3.47 B 3.54 A 3.94 B 4.76 C 5.05 B 5.20 C 5.52 E D B 5.81 C 5.97 B 6.19 C 6.42 A 6.64 B A 6.87 C B A 8.69 B 9.61 D 9.68 C 9.89 B

**Vertical Curve: Crest or Sag, Curve Limits** — 5.61 5.73 6.80 7.06 7.09

**Area and Development:** — 0.06 Rural (99999)

**Terrain: 1–Flat, 2–Rolling, 3–Mountainous** — Mountainous (3) / Flat (1) | 0.58 | Mountainous (3) | 1.16 | Flat (1) | 4.31 | Mountainous (3) | 5.66 | Flat (1) | 5.86 | 6.06 | Mountainous (3) | 7.16 | Flat (1) | 8.76 | Mountainous (3) / Rolling (2)

**Speed: 1–Design, 2–Posted** — 35 MPH (2) | 2.31 | 25 MPH (2) | 3.53 | 25 MPH (2) / 35 MPH (2) | 4.15 | 25 MPH (2) | 5.64 | 35 MPH (2) | 6.04 | 25 MPH (2) | 8.96

**Intersection Control Devices: Type, Location and Cycle Timing**

**Traffic Stations (Current Year)** — B73 0560 00000 | B73 0560 00039 | B73 0560 00265 | B73 0560 00339 | B73 0560 00678

**HPMS Stations – AADT 2015** — 8,000 | 0.39 | 8,436 | 2.65 | 4,900 | 3.39 | 3,500 | 6.78 | 2,300

**HPMS Stations – AADT 2014** — 0.06 | 9,900 | N/A | 2.90 | 6,500 | 4.21 | 4,200 | 7.63 | 2,800

**HPMS Stations – AADT 2013** — 9,900 | 8,238 | 1.22 | 8,238 | 6,179 | 3.91 | 3,686 | 6.04 | 4,186 | 2,168 | 8.77 | 1,409

**DOD Sections** — 0.38; 2.65; 6.80

**Census Tracts**

**Functional Classification** — Minor Arterial (4) | 2.65 | Major Collector (5)

**National Highway System (NHS)** — Not on NHS (0)

**Previous Projects: Project No., Date and Limits**

2.34 560A–01–96M, 1997 6.02 | 560A–01–00M, (Resurf.) 2000 7.92 | 8.58 560A–01–86M (R) 1986

560A–02–96M, 1997 2.35 | (S–0560(1), 1965)–6.03 | 6.14 | 6.63 (FR–0700(22) 1983 (R))

560A–01–90M, 1990 2.46 | HWY–K–01–82M, 1982 (R) 4.20 | 5.03 | FR–0700(22) 1988 (Resurf.) | 56D–01–85M, (Resurf.) 1985 | 8.50

(LT–K–03–80M (R) 1980) 0.39 | 1.42 1.50 (56D–01–80, 1980 (Safety Improv. & Resurf.)) | 3.38 LT–K–03–80M 1980 (R) 3.97 | 4.43 56D–02–70 1970 5.33 | County | 5.36 5.38 5.46 (56D–02–70 1970) | 5.66 5.79 79+50 | (S–0560(1) 1965) | 6.00 68+00 6.63 | 56D–02–70 1970 | 8.66 8.70 8.77 8.84 (56D–02–70 1970) | 56D–02–70 1970

SCALE: (In Miles) 2" = 1 mile — 0 1 2 3 4 5 6 7 8 9 10

| Date Released | |
|---|---|
| Dec 2003, D.B. | |
| **Revised** | |
| Jan. 06 | D.B. |
| Sept. 06 | D.B. |
| Sept. 10 | D.B. |
| Feb. 11 | D.B. |
| Feb. 12 | D.B. |
| Sept. 12 | E.P.J. |
| Dec. 13 | E.P.J. |
| July 14 | D.B. |
| Jan 16 | C.R. |
| Aug. 16 | D.B. |

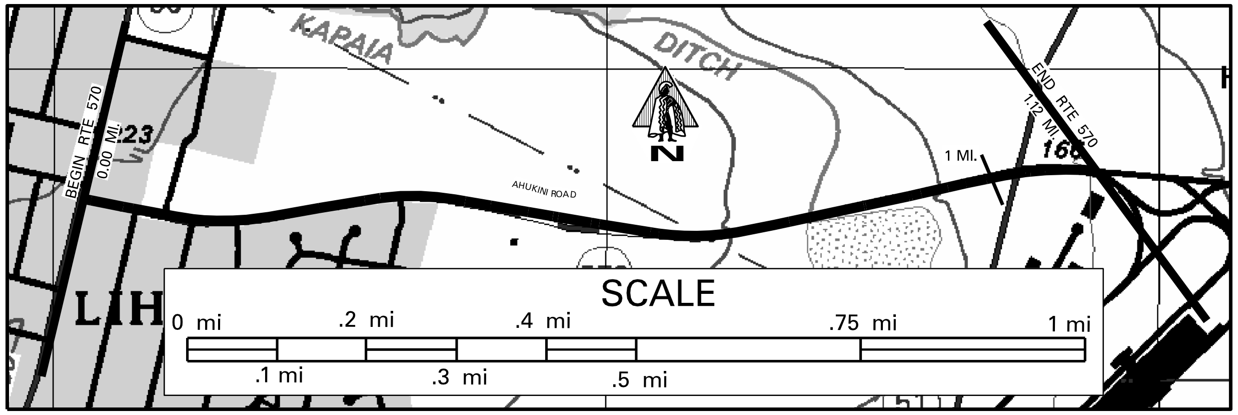
ROAD INVENTORY

# KAUAI RTE 570
# AHUKINI ROAD

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

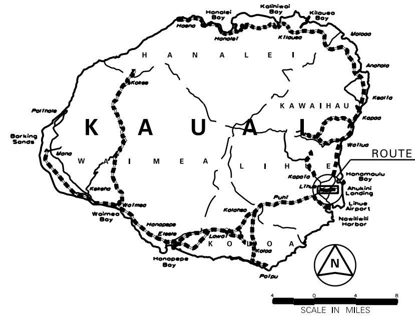
PREPARED BY THE
HIGHWAYS PLANNING BRANCH
IN COOPERATION WITH THE
U.S. DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION

**Total Route Length:** 1.12 **miles**
**a. Survey Length:** 1.12 **miles**
**b. Proposed Length:** 0.00 **miles**
**c. Other Length:** 0.00 **miles**



SCALE: (In Miles) 10" = 1 mile — 0.0, 0.10, 0.20, 0.30, 0.40, 0.50, 0.60, 0.70, 0.80, 0.90, 1.00, 1.10, 1.20, 1.30, 1.40, 1.50, 1.60, 1.70, 1.80, 1.90, 2.00

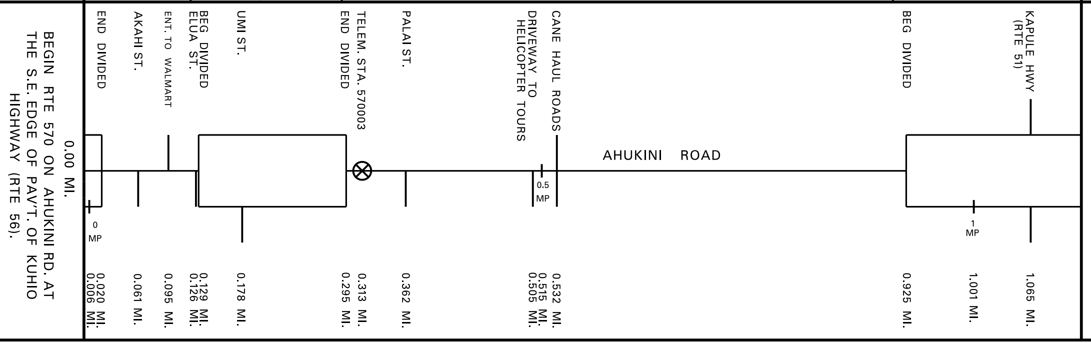
| | |
|---|---|
| Maintenance Control Sections : Length and Description | |
| Structure Carrying Road — Bridges (Over 20'): Length, Type, Capacity and Year Constructed | |
| Structure Carrying Road — Vertical Clearance | |
| Structure Carrying Road — Horizontal Clearance | |
| Structure Over Road — Vertical Clearance | |
| Structure Over Road — Horizontal Clearance | |
| Right of Way Width (min.–max.) if varies | 120' |
| Available Right of Way Width (Needs Study) | RESIDENTIAL 0.46 CLEAR 1000' – SUGAR CANE |
| Right of Way Fence: Type – Right and Left | NONE |
| Control of Access: 1–None, 2–Partial, 3–Full | NONE |
| Jurisdiction, Transfer Phase No. and Date (C to S or S to C) | (0+55.12) STATE (47+17.42) |
| Project No., Type of Construction, and Year Constructed | .000 570A–01–11MR, RESURFACE, 2016 .904 |
| Project No., Type of Construction, and Year Constructed | 0.12 HWY–K–02–98 IMPRV., 2000 0.29 570A–01–92M (R), 1993 0.91 F–051–1(7), 1988 |



▨ Indicates Grass & / or Physical Barrier on Median.

**Road Diagram**

* MP = Milepost Signage



END RTE 570 ON AHUKINI ROAD 300' FROM THE CENTERLINE INTERSECTION WITH KAPULE HWY (RTE 51). (SAME AS "END STATE HIGHWAY" SIGN)
*1.122 MI.

* NOTE: ROUTE LENGTH ADJUSTED TO MATCH '15 VIDEOLOG & '15 FEATURES DATABASE.

END ROUTE DESCRIPTION

SCALE: (In Miles) 10" = 1 mile — 0.0, 0.10, 0.20, 0.30, 0.40, 0.50, 0.60, 0.70, 0.80, 0.90, 1.00, 1.10, 1.20, 1.30, 1.40, 1.50, 1.60, 1.70, 1.80, 1.90, 2.00

| | | |
|---|---|---|
| Undivided | Shoulder: Width and Type | 6' GRAVEL \| 8' AC |
| Undivided | Pavement: Width and Type | 11' AC \| 22' AC \| 11' AC \| 22' AC \| 12' AC |
| Divided Highway | Shoulder: Width and Type | 0 \| 0 \| 0 \| 6' GRAVEL \| 0 |
| Divided Highway | Median: Width and Type | (0'–3' PAINTED AC) → .020 .129 0'–12' PAINTED AC .295 .925 0'–12' PAINTED AC |
| Divided Highway | Median Barriers: | |
| Divided Highway | Shoulder: Width and Type | 0 \| 0 \| 0 |
| Divided Highway | Pavement: Width and Type | 11' AC \| 11' AC \| 12' AC |
| Divided Highway | Shoulder: Width and Type | 0 \| 0 .171 6' GRAVEL \| 8' AC |
| Number of Traffic Lanes | | 2–11' \| 2–12' |
| Auxiliary Lanes and Parking Lanes: No. of Lanes and Width (Left Side) | | .032 17' .064 16' .095 13' .123 .975 12' 15' |
| (Right Side) | | SAME AS THROUGH LANE 12' .010 .178 11' .244 .962 12' .065 12' .118 |
| Frontage Road: No. of Lanes, and Width (Right and Left) | | |
| Sidewalk: Width and Type (Right and Left) | | 4' CONC. .171 |
| Curb and/or Gutter: Type (Right and Left) | | (CONC. CURB W/ 2' CONC. GUTTER) .171 |
| Protective Devices: Type, Location and Number | | NONE |
| Illumination: Type, Location and Number | | MV |
| Curves Class: +/– Degree (A(0–3.45) B(3.45–5.44) C(5.44–8.48) D(8.48–13.85) E(13.85–28.62) F(<28.62) | | A 0.30 B 0.41 A |
| Superelevation (Range) | | |
| Grades Class: +/– % (A(0–.45) B(.45–2.45) C(2.45–4.45) D(4.45–6.45) E(6.45–8.45) F(<8.45) | | A 0.51 B |
| Vertical Curve: Crest or Sag, Curve Limits | | |
| Area and Development: | | SMALL URBAN (99998) |
| Terrain: 1–Flat, 2–Rolling, 3–Mountainous | | FLAT (1) |
| Speed: 1–Design, 2–Posted | | 35 MPH (2) 0.88 NOT POSTED 0.91 35 MPH (2) |
| Intersection Control Devices: Type, Location and Cycle Timing | | 3 PHASE .065 |
| Traffic Stations (Current Year) | | B73 0570 00000 \| B73 0570 00036 \| ←(B73 0570 00106) |
| HPMS Sections – AADT 2015 | | 12,800 0.36 13,200 \| 9,400 |
| HPMS Sections – AADT 2014 | | 0.06 10,100 \| 12,700 1.06 \| 8,900 |
| HPMS Sections – AADT 2013 | | 8,900 0.17 11,200 \| 10,564 |
| DOD Sections | | |
| Census Tracts | | |
| Functional Classification | | PRINCIPAL ARTERIAL (3) |
| National Highway System (NHS) | | ON NHS (1) |
| Previous Projects: Project No., Date and Limits | | 570A–01–92M (R), 1993 0.91<br>S–0570 (1), 1964 |

SCALE: (In Miles) 10" = 1 mile — 0.0, 0.10, 0.20, 0.30, 0.40, 0.50, 0.60, 0.70, 0.80, 0.90, 1.00, 1.10, 1.20, 1.30, 1.40, 1.50, 1.60, 1.70, 1.80, 1.90, 2.00

| Date Released | |
|---|---|
| *Oct. 04, D.B.* | |
| **Revised** | |
| *Sept. 10* | *D.B.* |
| *Feb. 11* | *D.B.* |
| *Feb. 12* | *D.B.* |
| *Sept. 12* | *E.P.J.* |
| *Dec. 13* | *D.B.* |
| *July 14* | *D.B.* |
| *Jan 16* | *C.R.* |
| *Aug. 16* | *D.B.* |

# ROAD INVENTORY

# KAUAI RTE 580
# KUAMOO ROAD

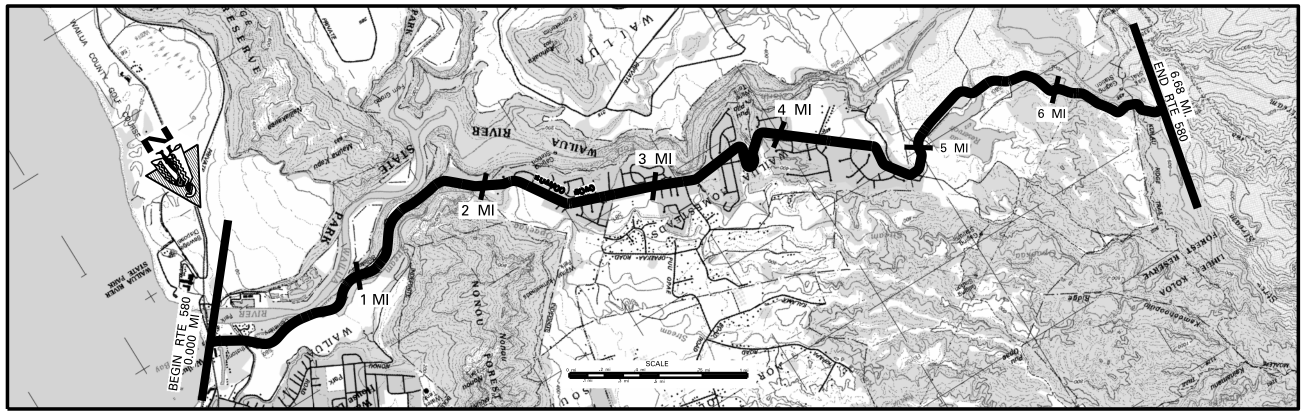
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PREPARED BY THE
HIGHWAYS PLANNING BRANCH

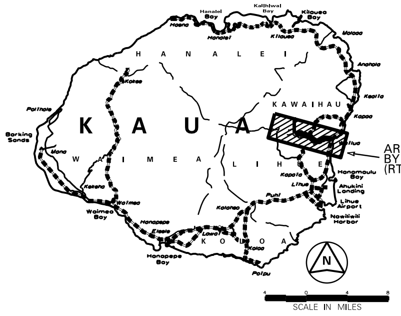
IN COOPERATION WITH THE
U.S. DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION

Total Designated Route Length: 6.68 MILES (a+b)
a. Existing Length: 6.68 MILES
b. Proposed Length: 0.00 MILES
Total Travel Way Length: 6.68 MILES (a+b, less c)
a. Existing Length: 6.68 MILES
b. Temporary Length: 0.00 MILES
c. Length used as T.W. for another Route: 0.00 MILES (–)

NEEDS STUDY ROUTE NO. ____________ FUNCTIONAL CLASSIFICATION ____________

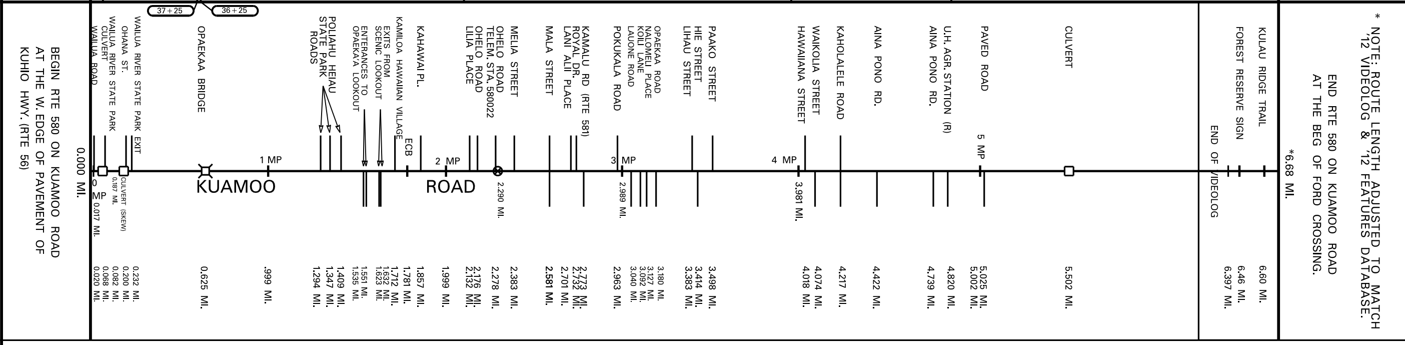


| | |
|---|---|
| SCALE: (In Miles) 2" = 1 mile | 0 · 1 · 2 · 3 · 4 · 5 · 6 · 7 · 8 · 9 · 10 |
| Maintenance Control Sections: Length and Description | BEGIN 580A ON KUAMOO RD. 25' N.W. OF THE CENTER LINE INTERSECTION OF KUHIO HWY. (RTE 56); 580 A (6.68 MI.); END 580A SAME AS END RTE 580; 6.68 |
| | |
| Structure Carrying Road – Bridges (Over 20'): Length, Type, Capacity and Year Constructed | TEE BEAM 1936 H15; 53' |
| Structure Carrying Road – Vertical Clearance | |
| Structure Carrying Road – Horizontal Clearance | 24' |
| Structure Over Road – Vertical Clearance | |
| Structure Over Road – Horizontal Clearance | |
| Right of Way Width (min.–max.) if varies | VARIES 40'–46' |
| Available Right of Way Width (Needs Study) | 40'; 0.28; 0.39; 40'; 0.61; 28'; 1.11; 23'; 1.29; 80'; 2.13; 40'–60' |
| Right of Way Fence: Type – Right and Left | 2.26; W/W 20'FEP; WOOD; 2.70; 2.87; 3.14; WIRE ON WOOD 15'FEP; 5.10; 4.83; W/W; 5.02 |
| Control of Access: 1–None, 2–Partial, 3–Full | (580A–01–14, SLOPE STABALIZATION, 2016) |
| Jurisdiction, Transfer Phase No. and Date (C to S or S to C) | 55+00; 48+00; 157+50; STATE; (STP–0700(58), GUARDRAILS, 2008) |
| Project No. and Type of Construction | 0.07; 0.28; 0.42; HRRP–0580(4), SAFETY IMPRV., 2011; 1.85; 143+00; 66+90; 3.54; 3.79; 53+45 |
| Year Project Constructed (STP–0700(38), 1998) | 66+49; 0.60; 0.62; (STP–0700(58), GUARDRAILS, 2008); 580A–01–07M, RESURFACE, 2008; 2.10; 580A–01–06M, (R) 2007; 47+00; 3.94; 580A–01–01, (R) 2002; 4.84; 580A–01–99M, (R) 2000; 37+25; 36+25 |



## Road Diagram

• MP=Milepost Signage



| | |
|---|---|
| SCALE: (In Miles) 2" = 1 mile | 0 · 1 · 2 · 3 · 4 · 5 · 6 · 7 · 8 · 9 · 10 |
| Undivided – Shoulder: Width and Type | 4' AC; 6' AC; 1.32; 4' AC; 3.49; 4'–6' AC; 4.74; 12'–24' GRS; 4.97; 6'–12' GRS; 5.84; 2'–4' GRS |
| Undivided – Pavement: Width and Type | 0.25; 21'–22' AC; 2.000; 20' AC; 3.900; 18' AC; 4.800; 15'–16' AC |
| Undivided – Shoulder: Width and Type | (2'–4' AC); 0.10; 4' AC; 0.29; 6' AC; (BEGIN C/L & SHLDRS RUMBLE STRIPS); 1.32; (END C/L & SHLDRS RUMBLE STRIPS); 1.73; 4' AC; 4'–6' AC; 12'–24' GRS; 4.83; 6'–12' GRS; 5.84; 2'–4' GRS |
| Divided Highway – Median: Width and Type | 6.68 |
| Divided Highway – Shoulder: Width and Type | |
| Divided Highway – Pavement: Width and Type | |
| Divided Highway – Shoulder: Width and Type | |
| Number of Traffic Lanes | 1–10'/11'<br>1–10'; 2.000; 2 – 10'; 3.900; 2 – 9'; 4.800; 1–7'/8'<br>1–8' |
| Auxiliary Lanes and Parking Lanes: No. of Lanes and Width (Left Side) | |
| (Right Side) | NONE |
| Frontage Road: No. of Lanes, and Width (Right and Left) | |
| Sidewalk: Width and Type (Right and Left) | NONE |
| Curb and/or Gutter: Type (Right and Left) | |
| Protective Devices: Type, Location and Number — ALL METAL ON METAL GUARDRAILS | .072 .104; .162 .186; .572 .640; .897 .933; .583 .773; .504 .566; .697 .713; .490 .514; .884 .911<br>.046 .063; .184 .210; .586 .261; .294 .533; .631 .929; .488 .518; .547 .813; .876 .914; .096 .201; .488 .512; .873 .902 |
| Illumination: Type, Location and Number | 2.35; MV; 2.42 |
| Curves Class: +/– Degree (A(0–3.45) B(3.45–5.44) C(5.44–8.48) D(8.48–13.85) E(13.85–28.62) F(<28.62) | C B A C A D 0.40 A 0.63 B A D 0.84 C A 1.05 C A C A C A 1.47 D B A B 1.69 D 1.80 A 1.94 D A C D 2.23 A 2.47 D 2.53 A 3.22 3.25 A 3.52 F D C F E A E 3.93 A 4.52 E A E AC DC FAE AE D 5.07 A 5.36 E A 5.44 D C A 5.77 D 5.89 A E D C A DB AD ABA EA E F B E D |
| Superelevation (Range) | 0.17; 0.28; 0.73; 1.16; 1.26; 1.33; 1.59; 2.09; 2.13; 3.59; 3.64; 3.80; 4.69; 4.80; 4.98; 5.99; 6.13; 6.27; 6.43; 6.60 |
| Grades Class: +/– % (A(0–.45) B(.45–2.45) C(2.45–4.45) D(4.45–6.45) E(6.45–8.45) F(<8.45) | A 0.53 B 0.83 D 0.92 E 1.23 C 1.56 B 2.64 A 2.84 B A C 3.57 D 3.83 B 4.32 C 4.57 B 4.90 C 5.22 B 5.41 C E 5.55 D 5.73 A 5.91 E 6.11 A C 6.29 D 6.53 E C |
| Vertical Curve: Crest or Sag, Curve Limits | 3.37; 3.43; 5.49; 6.22; 6.60 |
| Area and Development: | SMALL URBAN (99998); 6.46; (RURAL (99999)) |
| Terrain: 1–Flat, 2–Rolling, 3–Mountainous | FLAT (1); 0.62; MOUNTAINOUS (3); 1.77; ROLLING (2) |
| Speed: 1–Design, 2–Posted | 25 MPH ②; NOT POSTED; 0.10; 0.25; 35 MPH ②; 25 MPH ②; 0.29; 35 MPH ②; 1.33; 25 MPH ② |
| Intersection Control Devices: Type, Location and Cycle Timing | |
| Traffic Stations (Current Year) | B73 0580 00000; 1.63; B73 0580 00163; 2.77; B73 0580 00277; 3.49; B73 0580 00349 |
| HPMS Sections – AADT 2015 | 9,500; 1.63; 8,600; 2.77; 3,800; 3.49; 2,300 |
| HPMS Sections – AADT 2014 | 9,300; 1.86; 7,600; 3.18; 3,100; 4.07; 2,000 |
| HPMS Sections – AADT 2013 | 18,700; 1.63; 8,500; 2.77; 3,485; 4.02; 2,579; 4.83; 2,446; 5.84; 2,522 |
| DOD Sections | |
| Census Tracts | |
| Functional Classification | MINOR ARTERIAL (4); 2.77; MAJOR COLLECTOR (5); 4.82; MINOR COLLECTOR (6) |
| National Highway System (NHS) | Not on NHS (0) |
| Previous Projects: Project No., Date and Limits | |
| | |
| | 0.28 HRRP–0580(4), SAFETY IMPRV., 2011 1.85 |
| | 0.07 580A–01–07M, RESURFACE, 2008 2.10 |
| | STP–0700(38), 1998; 3.90 580A–01–88M (R) 1988 4.82; 580A–01–99M, (R) 2000 |
| | 0.06 580A–01–93M, (RESURFACE) 1994 |
| | 0.02 RS–0850(2), (RESURFACE AND IMPROVEMENTS), 1980 2.27; 580A–01–88M(R), 1988 5.84; COUNTY, MAINTAINED BY STATE |
| | 580A–01–70(R), 1971 4.83 |
| | A–580–01–64 PHASE 2 1964 0.91; ← 1.33 ← (A–580–01–64 PHASE I, 1965); WRDC–15(1), 1947 4.32; COUNTY; 6.68 |
| SCALE: (In Miles) 2" = 1 mile | 0 · 1 · 2 · 3 · 4 · 5 · 6 · 7 · 8 · 9 · 10 |

| Date Released | |
|---|---|
| March 95 | |
| **Revised** | |
| Pat Tom | 3–95 |
| Pat Tom | 6–95 |
| JK | 4–96 |
| JK | 5–97 |
| D.B. | 2–08 |
| D.B. | 3–09 |
| D.B. | 12–09 |
| D.B. | 9–10 |
| D.B. | 2–11 |
| D.B. | 2–12 |
| E.P.J. | 2–13 |
| E.P.J. | 12–13 |
| D.B. | 7–14 |
| Jan 16 | C.R. |
| Aug. 16 | D.B. |

Sheet 1 of 1 KAUAI RTE 580

# ROAD INVENTORY

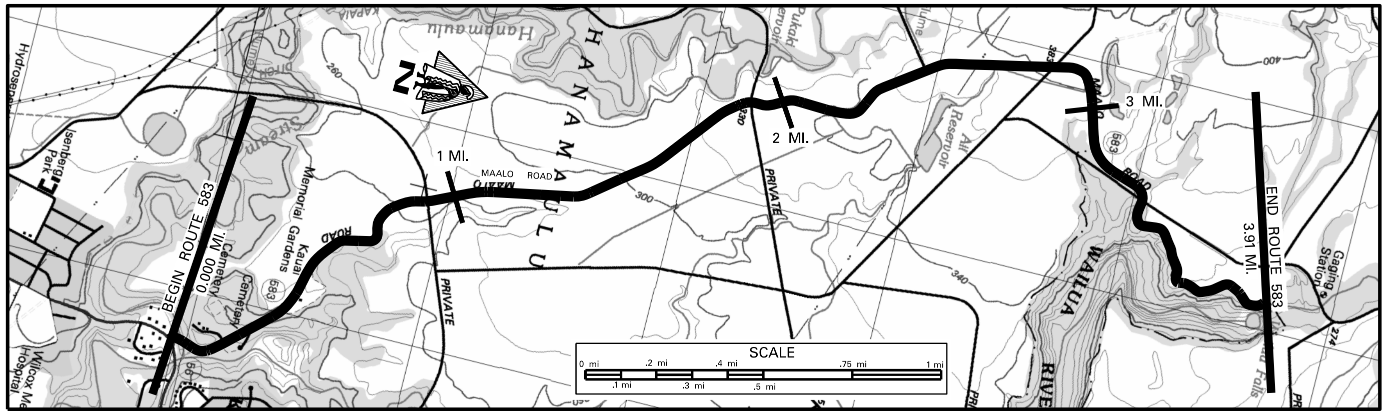
# KAUAI RTE 583
# MAALO ROAD

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

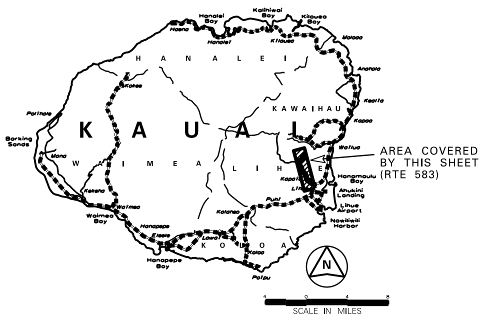
PREPARED BY THE
HIGHWAYS PLANNING BRANCH

IN COOPERATION WITH THE
U.S. DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION

**Total Route Length:** 3.91 **miles**
**a. Survey Length:** 3.91 **miles**
**b. Proposed Length:** 0.00 **miles**
**c. Other Length:** 0.00 **miles**



| | |
|---|---|
| SCALE: (In Miles) 4" = 1 mile | 0 · 1 · 2 · 3 · 4 · 5 |
| Maintenance Control Sections : Length and Description | BEGIN 583A – ON MAALO ROAD 18' N.W. OF KUHIO HIGHWAY (RTE 56). · 583A (3.92 MI.) · END 583A – SAME AS ROUTE END 3.91 |
| Structure Carrying Road: Bridges (Over 20'): Length, Type, Capacity and Year Constructed | |
| Vertical Clearance | |
| Horizontal Clearance | |
| Structure Over Road: Vertical Clearance | |
| Horizontal Clearance | |
| Right of Way Width (min.–max.) if varies | 60' |
| Available Right of Way Width (Needs Study) | CLR 1000' SUGAR CANE 20' FROM EDGE OF PAVEMENT |
| Right of Way Fence: Type – Right and Left | NONE |
| Control of Access: 1–None, 2–Partial, 3–Full | NONE |
| Jurisdiction, Transfer Phase No. and Date (C to S or S to C) | 0.01 (−0+50) · STATE · (157+00) · (209+10) |
| Project No., Type of Construction, and Year Constructed | (−0+50) · (51+00) · STP–0583(002), GUARDRAILS AND SHOULDERS, 2015 · (107+30) · (159+50) · 2.99 · 583A–01–01M, RESURFACE, 2005 · 3.91 |
| Project No., Type of Construction, and Year Constructed | (583A–01–71, 1971)→ · 0.03 · ARR–0583(1) RESURF., 2010 · 0.98 · 583–01–95M (RESURFACE) 1996 · 1.98 · 1.99 · 583A–01–07M, RESURF., 2009 · 2.97 · 583A–01–71, 1971 |



## Road Diagram

* MP = Milepost Signage

| Feature | Milepoint |
|---|---|
| BEGIN RTE 583 ON MAALO RD. AT THE NORTHWEST EDGE OF PAV'T OF KUHIO HWY. (RTE 56) | 0.000 mi. |
| 0.01 | |
| BRIDGE (1927) | 0.030 MI.<br>0.034 MI. |
| 0 MP | |
| ROAD | 0.165 MI. |
| RD TO CEMETERY | 0.245 MI. |
| TELEM. STA. 583004<br>KAUAI MEMORIAL GARDENS ROAD | 0.497 MI.<br>0.470 MI. |
| CULVERT | 0.68 MI. |
| CULVERT | 0.822 MI. |
| QUARRY ROAD (L)<br>CANE HAUL RD. (R) | 0.96 MI.<br>0.921 MI. |
| 1 MP | |
| ECB (L) | 1.39 MI. |
| CULVERT | 1.82 MI. |
| DIRT ROAD | 1.91 MI. |
| MAALO ROAD | |
| CANE HAUL ROAD | 2.25 MI. |
| CANE HAUL ROAD | 2.45 MI. |
| CANE HAUL ROAD<br>CULVERT | 2.60 MI.<br>2.57 MI. |
| PAVED ROAD | 2.81 MI. |
| CULVERT | 2.81 MI. |
| 3 MP | 2.97 MI. |
| HWY OVERPASS<br>CULVERT | 3.32 MI.<br>3.31 MI. |
| CULVERT | 3.45 MI. |
| DIRT ROAD | 3.57 MI. |
| CULVERT | 3.84 MI. |
| END RTE 583 ON MAALO RD. AT THE END OF PAVEMENT. | *3.91 MI. |

* NOTE: ROUTE LENGTH ADJUSTED TO MATCH '12 VIDEOLOG & '12 FEATURES DATABASE.

| | |
|---|---|
| SCALE: (In Miles) 4" = 1 mile | 0 · 1 · 2 · 3 · 4 · 5 |
| Undivided: Shoulder: Width and Type — GRASS | 2' · 0.10 · 6' · 0.46 · 2'–4' · 1.90 · 6' · 2.26 · 0' · 2.36 · 4' · 3.03 · 8' · 3.13 · 4'–6' · 3.62 · 4' · 3.79 · 2' |
| Pavement: Width and Type | 20' AC · 1.98 · 18' AC · 2.97 · 17'–20' AC |
| Shoulder: Width and Type — GRASS | 2'–4' · 0.10 · 6'–8' · 0.98 · 4'–6' · 2.24 · 3' · 2.34 · 6' · 2.84 · 2'–4' · 3.16 · 8' · 3.43 · 6' |
| Divided Highway: Median: Width and Type | |
| Median Barriers: | |
| Shoulder: Width and Type | |
| Pavement: Width and Type | |
| Shoulder: Width and Type | |
| Number of Traffic Lanes | 2–10' · 1.98 · 2–9' · 2.97 · 2–(8.5'–10') |
| Auxiliary Lanes and Parking Lanes: No. of Lanes and Width (Left Side) | |
| (Right Side) | PARKING APRONS (R) · 3.63 · 3.68 · 3.90 · 3.91 |
| Frontage Road: No. of Lanes, and Width (Right and Left) | |
| Sidewalk: Width and Type (Right and Left) | (STEEL RAILING ON CONCRETE WALL) |
| Curb and/or Gutter: Type (Right and Left) | |
| Protective Devices: Type, Location and Number — ALL METAL ON METAL UNLESS OTHERWISE NOTED | .167–.237 · .672–.692 · .814–.832 · .542–.858 · 1.06–1.10 · 1.27–1.30 · 1.81–1.83 · 1.81–1.83 · 2.04–2.22 · 2.58–2.63 · 2.60–2.63 · 2.95–2.98 · 2.98 · 3.29–3.31 · 3.30–3.32 · 3.44–3.46 · 3.37–3.55 · 3.78–3.80 · 3.83–3.86 · 3.60–3.84 · 3.85–3.89 |
| Illumination: Type, Location and Number | |
| Curves Class: +/– Degree (A(0–3.45) B(3.45–5.44) C(5.44–8.48) D(8.48–13.85) E(13.85–28.62) F(<28.62) | E · 0.05 · D · 0.15 · A · 0.32 · B · 0.45 · A · 0.47 · B · 0.57 · AE · 0.63 · A · 0.68 · F · 0.73 · E · 0.83 · C · 0.90 · B · 0.95 · A · 1.03 · B · 1.11 · A · 1.33 · C · 1.39 · A · 1.55 · B · 1.62 · A · 1.80 · CA · 1.86 · D · 2.05 · AB · 2.14 · D · 2.24 · A · 2.27 · D · 2.31 · A · 2.47 · C · 2.54 · A · 2.84 · D · 2.97 · A · 3.08 · C · 3.21 · A · 3.26 · E · 3.49 · CE · 3.53 · DE · 3.60 · FE · 3.67 · FC · 3.74 · E |
| Superelevation (Range) | |
| Grades Class: +/– % (A(0–.45) B(.45–2.45) C(2.45–4.45) D(4.45–6.45) E(6.45–8.45) F(<8.45) | C · 0.12 · D · 0.65 · B · 1.12 · A · 1.25 · B · 2.20 · A · 2.26 · B · 2.53 · A · 2.61 · B · 2.92 · C · 3.20 · B |
| Vertical Curve: Crest or Sag, Curve Limits | |
| Area and Development: | SMALL URBAN (99998) · 0.92 · RURAL (99999) |
| Terrain: 1–Flat, 2–Rolling, 3–Mountainous | ROLLING (2) |
| Speed: 1–Design, 2–Posted | 25 MPH (2) · 3.25 · NOT POSTED 25 MPH (2) |
| Intersection Control Devices: Type, Location and Cycle Timing | |
| Traffic Stations (Current Year) | B73 0583 00000 |
| HPMS Sections – AADT 2015 | 1,100 |
| HPMS Sections – AADT 2014 | 1,200 |
| HPMS Sections – AADT 2013 | 980 · 0.92 · 1,223 · 1.98 · 835 · 2.97 · 647 |
| DOD Sections | |
| Census Tracts | |
| Functional Classification | MINOR COLLECTOR (6) · 0.92 · LOCAL (7) |
| National Highway System (NHS) | NOT ON NHS (0) |
| Previous Projects: Project No., Date and Limits | 0.01 · 583–01–95M (RESURFACE) 1996 · 1.98 · 2.97 · 583A–01–01M, RESURFACE, 2005 |
| | PHASE II 583A–01–71, 1971 · 0.50 · HWY–K–01–70 (PHASE II), 1970 · 2.30 · 583A–01–71, 1971 |
| SCALE: (In Miles) 4" = 1 mile | 0 · 1 · 2 · 3 · 4 · 5 |

| Date Released | |
|---|---|
| *Oct. 04, D.B.* | |
| **Revised** | |
| *Jan. 06* | *D.B.* |
| *Sept. 10* | *D.B.* |
| *Feb. 11* | *D.B.* |
| *Feb. 12* | *D.B.* |
| *Sept. 12* | *E.P.J.* |
| *Dec. 13* | *D.B.* |
| *July 14* | *D.B.* |
| *Jan 16* | *C.R.* |
| *Aug. 16* | *D.B.* |