

NPS/RIP Route ID Report

(Numerical By Route #)

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HAVO

Hawaii Volcanoes National Park

Rte. #	FMSS Asset #	Route Name	Route Description		Paved Miles	Un-Paved Miles	Rte. Lgth	Func. Class	Rte. Lanes	Manual Rated SQ/FT	Surf. Type
			From	To							
0010	22286	Crater Rim Drive	From Route 5011 at MP 0.88 on Left	To Route 0010 at MP 0.12	10.61	0.00	10.61	1	2	0	AS
0012	22294	Chain of Craters Road	From Route 0010 at MP 7.55 on Right	To End of Loop at Eruption Site	19.75	0.00	19.75	1	2	0	AS
0100A	22598	Mauna Loa Road	From Route 5011 at MP 3.18 on Right	To Route 0923	1.49	0.00	1.49	2	2	0	AS
0100B		Mauna Loa Lookout Road	From Route 0923	To End of road at lookout	9.78	0.00	9.78	2	1,2	0	AS
0101	33601	Hilina Pali Road	From Route 0012 at MP 2.2 on Right	To End of road at Pali Overlook	8.50	0.00	8.50	1	1	0	AS
0201	42503	Kilauea Overlook Road	From Route 0010 at MP 2.4 on Left	To Route 0910	0.20	0.00	0.20	2	2	0	AS
0204A	21531	Namakani Paio Campground Road	From Route 5011 at MP 3.9	To End of loop	0.31	0.00	0.31	3	1	0	AS
0204B	21540	Namakani Paio Rental Cabin Access Road	From Route 0204A on Right	To End	0.10	0.00	0.10	3	1	13,206	AS
0205	22600	Tree Molds Road	From Route 0100A at MP 0.08 on Right	To End of loop	0.56	0.00	0.56	2	1	0	AS
0208	42507	Mauna Ulu Access Road	From Route 0012 at MP 3.65 on Left	To Route 0920	0.34	0.00	0.34	2	2	0	AS
0209	42508	Puu Puai Overlook Road	From Route 0010 at MP 7.9 on Left	To Route 0914	0.20	0.00	0.20	2	2	0	AS
0210	22290	Sulfur Banks Road	From Route 0010 MP 0.5 on Right	To End of loop	0.11	0.00	0.11	2	2	0	AS
0211	42510	Steam Vents Road	From Route 0010 at MP 0.95 on Left	To Route 0010 at MP 1.07 on Left	0.13	0.00	0.13	2	2	0	AS
0212	42511	Kulanaokuaiki Campground Access Road	From Route 0101 at MP 3.6 on Right	To End	0.12	0.00	0.12	3	1	9,587	AS
0400		Water Tank Road	From Route 0010 at MP 0.35	Through Tanks to Route 5011 at MP 1.35	0.35	0.00	0.35	4	1	0	AS
0401	42514	North Residence Road	From Route 0010 at MP 0.20 on Left	To Intersection of Route 0402 and Route 0403	0.26	0.00	0.26	4	2	0	AS
0402	42515	South Residence Road	From Route 0010 at MP 10.5 on Left	To intersection of Route 0401 and Route 0403	0.17	0.00	0.17	4	2	0	AS
0403	42516	South Residence Loop	From Intersection of Routes 0401 and 0402	To End of loop	0.42	0.00	0.42	4	1	0	AS
0404	22601	Tree Mold Stable Road	From Route 0205 at MP 0.12 on Left	To Stable	0.25	0.00	0.25	4	1	0	AS
0405	23431	Ainahou Road	From Route 0012 at MP 4.25 on Right	To Trailhead	0.00	2.10	2.10	4	1	0	GR
0406	42647	Ainahou Ranch Spur	From Route 0405	To Ranch House	0.00	0.40	0.40	4	1	0	GR
0408	42648	Emergency Escape Road	From Route 0208 at MP 0.12 on Left	To Route 0010 at MP 9 on Right	0.00	4.60	4.60	3	1	0	GR
0409	22347	Field Research Center Road	From Route 0010 at MP 10.1 on Left	To Route 0917	0.48	0.00	0.48	3	2	0	AS
0410		Mauna Loa Emergency Access Road	From Route 0010 at MP 2.02 on Right	To Intersection of Route 5011 and Route 0100A	0.09	0.00	0.09	6	2	0	AS
0700	21966	Mauna Loa Spur Road-Fire Breaks	From	To	0.00	1.00	1.00	ZZ	2	0	GR
0701	21967	Mauna Loa Powerline Road, Unpaved	From	To	0.00	5.00	5.00	ZZ	2	0	GR
0702	22602	Mauna Loa fire break roads	From	To	0.00	2.15	2.15	ZZ	2	0	GR
0703	33610	Hilina Pali fuel break road	From	To	0.00	5.00	5.00	ZZ	2	0	GR

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			From	To							
0900	22571	Kilauea Visitors Center Parking	Adjacent to Route 0010 at MP 0.3 on Right		0.00	0.00	0.00	9		58,720	AS
0901	42652	Kilauea Visitors Center Administrative Parking	Adjacent to Route 0900 at rear of Visitors Center		0.00	0.00	0.00	9		11,251	AS
0902	21519	Kilauea Water Tanks Area	From Route 0400 at MP 0.25 on Left and Right		0.00	0.00	0.00	9		48,691	AS
0903		Kilauea Helipad	Adjacent to Route 0902		0.00	0.00	0.00	9		10,386	AS
0904	22490	Volcano House Parking	Adjacent to Rte 0010 at MP 0.35 on Left and Route 0401		0.00	0.00	0.00	9		25,881	AS
0905	42656	Volcano House Bldg #B 11 & #44 Parking	Adjacent to Route 0401 on Right		0.00	0.00	0.00	9		2,733	AS
0906	42657	Volcano House Hotel Service Area Bldg #B 167	Adjacent to Route 0401 on Right		0.00	0.00	0.00	9		7,378	AS
0907	42658	Building #2 Parking	Adjacent to Route 0401 on Right		0.00	0.00	0.00	9		7,617	AS
0908	22831	Kilauea Maintenance Yard	Adjacent to Route 0402 on Left and Right		0.00	0.00	0.00	9		15,295	AS
0909	22292	Steam Vents Parking	Adjacent to Route 0211		0.00	0.00	0.00	9		1,937	AS
0910	22245	Kilauea Overlook & Picnic Area Parking	At End of Route 0201		0.00	0.00	0.00	9		24,393	AS
0911	22266	Volcano Observatory Parking	Adjacent to Route 0010 at MP 2.8		0.00	0.00	0.00	9		44,751	AS
0912	22236	Halemaumau Overlook Parking	Adjacent to Route 0010 at MP 5.5		0.00	0.00	0.00	9		153,543	OC
0913	42663	Devastation Trail Parking	At intersection of Route 0010 at MP 7.6 and Route 0012		0.00	0.00	0.00	9		23,578	AS
0914	22302	Puu Puai Parking	At End of Route 0209		0.00	0.00	0.00	9		21,426	AS
0915	42665	Thurston Lava Tube Parking	Adjacent to Route 0010 at MP 9.00 on Left and Right		0.00	0.00	0.00	9		14,873	AS
0916	42666	Kilauea Iki Parking	Adjacent to Route 0010 at MP 9.35		0.00	0.00	0.00	9		23,710	AS
0917	42667	Research Center Parking	At End of Route 0409		0.00	0.00	0.00	9		34,608	AS
0918	23394	Puhimau Crater Parking	Adjacent to Route 0012 at MP 1.0 on Left		0.00	0.00	0.00	9		10,692	AS
0919	42670	Pauahi Crater Parking	Adjacent to Route 0012 at MP 3.2 on Left		0.00	0.00	0.00	9		16,121	AS
0920	23422	Mauna Ulu Lava Shield Parking	Adjacent to Route 0208 at end		0.00	0.00	0.00	9		7,342	AS
0921	23446	Kealakomo Picnic Area Parking	Adjacent to Route 0012 at MP 9.8 on Right		0.00	0.00	0.00	9		16,993	AS
0922	42675	Kipuka Puauulu Day Use Area Parking	From Route 0100A	To Parking	0.00	0.00	0.00	9		2,992	AS
0923	42676	Kipuka Puauulu Trailhead Parking	At End of Route 0100A		0.00	0.00	0.00	9		25,350	AS
5011	38681	Hawaii State Route 11	From East Park Boundary	To West Park Boundary	11.91	0.00	11.91	1	2	0	AS
Totals					66.13	20.25	86.38			633,053	

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General Park Road Functional Classification Table

- Class 1 Principal Park Road/Rural Parkway (Public Roads) - Roads which constitute the main access route, circulatory tour, or thoroughfare for park visitors. Route Numbers 1 - 99. Note: Rural parkways (e.g. Natchez Trace) are numbered 1 - 9. State Routes Inventoried for Park. Route Numbers 5000-5999
- Class 2 Connector Park Road (Public Roads) - Roads which provide access within a park to areas of scenic, scientific, recreational or cultural interest, such as overlooks, campgrounds, etc. Route Numbers 100-199.
- Class 3 Special Purpose Park Road (Public Roads) - Roads which provide circulation within public areas, such as campgrounds, picnic areas, visitor center complexes, concessionaire facilities, etc. These roads generally serve low-speed traffic and are often designed for one-way circulation. Route Numbers 200-299.
- Class 4 Primitive Park Roads (Public Roads) - Roads which provide circulation through remote areas and/or access to primitive campgrounds and undeveloped areas. These roads frequently have no minimum design standards and their use may be limited to specially equipped vehicles. Route Numbers 200-299.
Note: Functional Classes 3 and 4 have the same route numbers because, historically, they were numbered similarly.
- Class 5 Administrative Access Road (Administrative Roads) - All public roads intended for access to administrative developments or structures such as park offices, employee quarters, or utility areas. Route Numbers 400-499.
- Class 6 Restricted Road (Administrative Roads) - All roads normally closed to the public, including patrol roads, truck trails, and other similar roads. Route Numbers 400-499.
Note: Functional Classes 5 and 6 have the same route numbers because historically they were numbered similarly and often there is little distinction between these routes. For example, because utility areas and employee housing are often closed to the public, this restriction would result in classification of FC 6 rather than FC 5.
- Class 7 Urban Parkway (Urban Parkways and City Streets) - These facilities serve high volumes of park and non-park related traffic and are restricted, limited-access facilities in an urban area. This category of roads primarily encompasses the major parkways which serve as gateways to our nation's capital. Other major park roads or portions thereof, however, may be included in this category. Route Numbers 1-9.
- Class 8 City Streets (Urban Parkways and City Streets) - City streets are usually extensions of the adjoining street system that are owned and maintained by the National Park Service. The construction and/or reconstruction should conform with accepted local engineering practice and local conditions. Route Numbers 600-699.
- Class 9 Boat Ramp - (Public and Administrative) Route Numbers 800-899.
Parking Area - (Public and Administrative) Route Numbers 900-1999.

Surface Type Abbreviations:

- AS - Asphaltic Concrete Pavement
- CO - Portland Cement Concrete Pavement
- NC - New Chip Seal Pavement (Under 5 Years)
- OC - Old Chip Seal Pavement (5 Years and Greater)
- SS - Slurry Seal Pavement
- GR - Gravel Road Bed
- BR - Brick or Pavers Road Bed
- CB - Cobble Stone Road Bed
- SA - Sand Road Bed
- DT - Dirt or Native Material Road Bed
- OT - Other Materials Road Bed

A park road system contains those roads within or giving access to a park or other unit of the NPS which are administered by the NPS, or by the Service in cooperation with other agencies. The assignment of a functional classification (FC) to a park road is not based on traffic volumes or design speed, but on the intended use or function of that road or route.

The historic route numbering system also included a 300 number series for interpretive roads, and a 500 series for one-way roads. There are approximately 250 roads nationwide which are designated by the 300 and 500 series. The numbers for these roads will be maintained for reporting consistency. However, since these interpretive and one-way routes are not as clearly tied to a specific functional class, the 300 and 500 series will be discontinued for future use.

ZZ Functional Class Routes were added from FMSS Database. Final Route Number and Functional Class will be established during Park visit for Cycle 4 data collection.