

NPS/RIP Route ID Report

Road Inventory Program 06/22/2009

(Numerical By Route #)

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Shading Color Key:
Red text denotes approx. mileage

White = Paved Routes, ARAN Driven	Yellow = Unpaved Routes, ARAN not Driven	Blue = All Paved Parking Areas	Green = All Unpaved Parking Areas
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** Unpaved Routes displayed on report were obtained from FMSS database and not inventoried by Road Inventory Program (RIP)

HALE

HALEAKALA NATIONAL PARK

Rte. No.	FMSS No.	Concess Route	Route Name	Route Description From To	Maint. District	Paved Miles	Un-Paved Miles	Total Route Length	Func. Class	Rte. Lanes	Manual Rated SQ/FT	Surf. Type	Area Maps
0010	000026 52		HALEAKALA PARK ROAD	FROM NORTH PARK BOUNDARY TO ROUTE 0903ZZ (HALEAKALA VISITOR CENTER PARKING AREAS (CRATER RIM))	SUMMIT	10.530	0.000	10.530	1		0	AS	2
0100	39530		RED HILL ROAD	FROM ROUTE 0010 (HALEAKALA PARK ROAD) AT MP 10.53 (ON RIGHT) TO ROUTE 0904 (PU'U'ULA'ULA SUMMIT PARKING)	SUMMIT	0.570	0.000	0.570	1		0	AS	2
0200	39531		MAGNETIC PEAK SPUR ROAD	FROM ROUTE 0100 (RED HILL ROAD) AT MP 0.43 (ON LEFT) TO SOUTH PARK BOUNDARY (OBSERVATORY/PARK BOUNDARY FENCE)	SUMMIT	0.210	0.000	0.210	2		0	AS	2
0201	39532		KALAHAKU OVERLOOK ROAD	FROM ROUTE 0010 (HALEAKALA PARK ROAD) AT MP 8.74 (ON LEFT) TO ROUTE 0905ZZ (KALAHAKU OVERLOOK)	SUMMIT	0.250	0.000	0.250	2		0	AS	2
0202	31839		HOSMER GROVE ROAD	FROM ROUTE 0010 (HALEAKALA PARK ROAD) AT MP 0.26 (ON LEFT) TO ROUTE 0906ZZ (HOSMER GROVE PARKING AREAS)	SUMMIT	0.460	0.000	0.460	3		0	AS	2
0203	000026 53		HIGHWAY 31, HANA HIGHWAY, KIPAHULU AREA	FROM STATE ROUTE 36 (PIILANI HIGHWAY) THROUGH OVERFLOW PARKING AND CAMPGROUND	KIPAHULU	0.000	0.000	0.000	3		0	GR	
0204	97853		KAPAHU FARM SERVICE ROAD	FROM ROUTE 0203 (HIGHWAY 31, HANA HIGHWAY, KIPAHULU AREA) TO END	KIPAHULU	0.000	0.500	0.500	4		0	OT	
0400	31842		HEADQUARTERS RESIDENCE ROAD	FROM ROUTE 0913 (HEADQUARTERS EMPLOYEE PARKING LOT) TO END	SUMMIT	0.146	0.000	0.146	4		6,454	AS	2
0401	31841		PU'U NIANIAU ROAD	FROM ROUTE 0010 (HALEAKALA PARK ROAD) AT MP 0.26 (ON RIGHT) TO ROUTE 0907 (PU'U NIANIAU MAINTENANCE YARD)	SUMMIT	0.150	0.000	0.150	4		0	AS	2
0402	31840		PU'U NIANIAU RESIDENCE ROAD	FROM ROUTE 0401 (PU'U NIANIAU ROAD) AT MP 0.04 (ON RIGHT) TO END OF LOOP	SUMMIT	0.085	0.000	0.085	4		9,842	AS	2
0403	31838		WATER CATCHMENT ROAD	FROM ROUTE 0010 (HALEAKALA PARK ROAD) AT MP 2.27 (ON LEFT) TO WATER TANKS	SUMMIT	0.062	0.000	0.062	5		7,169	AS	2
0404	39533		KIPAHULU SERVICE (CAMPGROUND) ROAD	FROM ROUTE 0203 (HIGHWAY 31, HANA HIGHWAY, KIPAHULU AREA) TO END	KIPAHULU	0.000	1.000	1.000	5		27,597	GR	
0405	97654		KIPAHULU SERVICE ROAD	FROM ROUTE 0203 (HIGHWAY 31, HANA HIGHWAY, KIPAHULU AREA) TO END	KIPAHULU	0.000	0.000	0.000	5		0	OT	

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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.

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.

5000 route numbers are assigned to Non-NPS Routes that are State, County or City owned which border, traverse, or provide access to Park Facilities or Assets. 5000 Routes are driven for GPS, Video Log and Road Features only.

Surface Type Abbreviations:

- AS - Asphaltic Concrete Pavement**
- CO - Portland Cement Concrete Pavement**
- BR - Brick or Pavers Road Bed**
- CB - Cobble Stone Road Bed**
- GR - Gravel Road Bed**
- SA - Sand Road Bed**
- NV - Native or Dirt Material Road Bed**
- OT - Other Materials Road Bed**

NPS/RIP Subcomponent Details for HALE

Road Inventory Program 06/22/2009

(Numerical By Subcomponent #)

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HALE

HALEAKALA NATIONAL PARK

Asset Entered in FMSS System

Rte. No.	FMSS No.	Sub Comp	Route Name	From	To	Concess Route	Func. Class	Paved Miles	Un-Paved Miles	Total Route Length	Manual Rated SQ/FT
0900ZZ	31833		PARK HEADQUARTERS PARKING AREAS	ADJACENT TO ROUTE 0010 (HALEAKALA PARK ROAD) AT MP 1.04 (ON LEFT AND RIGHT)				0.00	0.00	0.00	14,133
0903ZZ	31830		HALEAKALA VISITOR CENTER PARKING AREAS (CRATER RIM)	FROM ROUTE 0010 (HALEAKALA PARK ROAD) AT END AND BEGINING OF ROUTE 0100 TO PARKING				0.00	0.00	0.00	46,548
0905ZZ	31837		KALAHAKU OVERLOOK PARKING AREAS	FROM ROUTE 0201 (KALAHAKU OVERLOOK ROAD) AT MP 0.20 (ON RIGHT) TO ROUTE 0201 (KALAHAKU OVERLOOK ROAD) AT MP 0.24 (ON RIGHT)				0.00	0.00	0.00	5,366
0906ZZ	31832		HOSMER GROVE PARKING AREAS	ADJACENT TO AND AT END OF ROUTE 0202 (HOSMER GROVE ROAD)				0.00	0.00	0.00	12,434

Asset HALE-0900ZZ Subcomponent Breakdown

Rte. No.	FMSS No.	Sub Comp	Route Name	From	To	Concess Route	Func. Class	Paved Miles	Un-Paved Miles	Total Route Length	Manual Rated SQ/FT
0900AZ	31833	■	PARK HEADQUARTERS PARKING A	ADJACENT TO ROUTE 0010 (HALEAKALA PARK ROAD) AT MP 1.03 (ON RIGHT) TO ROUTE 0913 (HEADQUARTERS EMPLOYEE PARKING LOT)				0.00	0.00	0.00	11,074
0900BZ	31833	■	PARK HEADQUARTERS PARKING B	ADJACENT TO ROUTE 0010 (HALEAKALA PARK ROAD) AT MP 1.06 (ON LEFT)				0.00	0.00	0.00	3,059

Asset HALE-0903ZZ Subcomponent Breakdown

Rte. No.	FMSS No.	Sub Comp	Route Name	From	To	Concess Route	Func. Class	Paved Miles	Un-Paved Miles	Total Route Length	Manual Rated SQ/FT
0903AZ	31830	■	HALEAKALA VISITOR CENTER PARKING A (CRATER RIM)	FROM ROUTE 0010 (HALEAKALA PARK ROAD) AT END TO PARKING				0.00	0.00	0.00	44,491
0903BZ	31830	■	HALEAKALA VISITOR CENTER PARKING B (CRATER RIM)	ADJACENT TO ROUTE 0100 (RED HILL ROAD) AT MP 0.02 (ON LEFT)				0.00	0.00	0.00	2,057

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HALE

HALEAKALA NATIONAL PARK

Asset HALE-0905ZZ Subcomponent Breakdown

Rte. No.	FMSS No.	Sub Comp	Route Description		Concess Route	Func. Class	Paved Miles	Un-Paved Miles	Total Route Length	Manual Rated SQ/FT
			Route Name	From To						
0905AZ	31837	■	KALAHAKU OVERLOOK PARKING A	ADJACENT TO ROUTE 0201 (KALAHAKU OVERLOOK ROAD) AT MP 0.20 (ON RIGHT)			0.00	0.00	0.00	4,195
0905BZ	31837	■	KALAHAKU OVERLOOK PARKING B	ADJACENT TO ROUTE 0201 (KALAHAKU OVERLOOK ROAD) AT MP 0.24 (ON RIGHT)			0.00	0.00	0.00	1,171

Asset HALE-0906ZZ Subcomponent Breakdown

Rte. No.	FMSS No.	Sub Comp	Route Description		Concess Route	Func. Class	Paved Miles	Un-Paved Miles	Total Route Length	Manual Rated SQ/FT
			Route Name	From To						
0906AZ	31832	■	HOSMER GROVE PARKING A	FROM ROUTE 0202 (HOSMER GROVE ROAD) AT END TO PARKING			0.00	0.00	0.00	6,660
0906BZ	31832	■	HOSMER GROVE PARKING B	FROM ROUTE 0202 (HOSMER GROVE ROAD) AT MP 0.42 (ON LEFT) TO PARKING			0.00	0.00	0.00	3,997
0906CZ	31832	■	HOSMER GROVE PARKING C	ADJACENT TO ROUTE 0202 (HOSMER GROVE ROAD) AT MP 0.23 (ON RIGHT)			0.00	0.00	0.00	1,778