



# Cycle 5 NPS/RIP Route ID Report

Road Inventory Program 08/27/2014

(Numerical By Route #)

Page 2 of 5

Shading Color Key:

Red text denotes approx. mileage

White = Paved Routes, DCV Driven

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= Concession Route Flag ON

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\*\* DCV - Data Collection Vehicle

NC - Not Collected

## KALA

## KALAUPAPA NATIONAL HISTORICAL PARK

Rte. No.	Cycle Collected	FMSS No.	Concess Route	Route Name	Route Description		Maint. District	Paved Miles	Un-Paved Miles	Total Route Length	Func. Class	Manual Rated SQ/FT	Surf. Type	Area Maps
					From	To								
0023	5	239706		SCHOOL STREET	FROM ROUTE 0012 (DAMIEN STREET)	TO ROUTE 0017 (MCKINLEY STREET)	N/A	0.23	0.00	0.23	1	16,613	AS	1, 1A
0024	5	239707		KILOHANA STREET	FROM ROUTE 0010ZZ (KAMEHAMEHA STREET)	TO ROUTE 0011 (PUAHI STREET)	N/A	0.06	0.00	0.06	1	3,612	AS	1, 1A
0025ZZ	5	239705		BISHOP ROAD	FROM INTERSECTION OF ROUTE 0011 (PUAHI STREET) AND ROUTE 0023 (SCHOOL STREET)	TO BISHOP HOME FOR GIRLS	N/A	0.27	0.00	0.27	1	20,869	AS	1, 1A
0026ZZ	5	239708		CONRADY PLACE AND MISSION / PUAHI CONNECTOR	FROM ROUTE 0011 (PUAHI STREET)	TO ROUTE 0012 (DAMIEN STREET)	N/A	0.08	0.00	0.08	1	8,882	AS	1, 1A
0028	5	239701		STAFF STREET (STAFF ROW)	FROM ROUTE 0013 (BERETANIA STREET)	TO END OF PAVEMENT	N/A	0.26	0.00	0.26	1	24,235	AS	1, 1A
0030	5			MCVEIGH STREET A	FROM ROUTE 0028 (STAFF STREET (STAFF ROW))	TO END OF PAVEMENT	N/A	0.05	0.00	0.05	1	3,421	AS	1, 1A
0031	5			MCVEIGH STREET B	FROM ROUTE 0028 (STAFF STREET (STAFF ROW))	TO END OF PAVEMENT	N/A	0.06	0.00	0.06	1	3,675	AS	1, 1A
0032	5			MCVEIGH STREET C	FROM ROUTE 0028 (STAFF STREET (STAFF ROW))	TO ROUTE 0035 (MCVEIGH STREET F)	N/A	0.04	0.00	0.04	1	2,788	AS	1, 1A
0033	5			MCVEIGH STREET D	FROM ROUTE 0028 (STAFF STREET (STAFF ROW))	TO END OF PAVEMENT	N/A	0.05	0.00	0.05	1	3,421	AS	1, 1A
0034	5			MCVEIGH STREET E	FROM ROUTE 0031 (MCVEIGH STREET B)	TO ROUTE 0032 (MCVEIGH STREET C)	N/A	0.03	0.00	0.03	1	1,584	AS	1, 1A
0035	5			MCVEIGH STREET F	FROM ROUTE 0031 (MCVEIGH STREET B)	TO ROUTE 0032 (MCVEIGH STREET C)	N/A	0.03	0.00	0.03	1	1,647	AS	1, 1A
0400	NC	80818		DAMIEN ROAD	FROM END OF ROUTE 0013 (BERETANIA STREET) AND ROUTE 0020 (KAPIOLANI STREET) ON RIGHT	TO END OF LOOP AT KALAWAO PARK	N/A	0.00	2.66	2.66	1		GR	
0401	NC	80312		COASTAL ROAD	FROM KALAUPAPA AIRPORT PARKING LOT (STATE DOT)	TO ROUTE 0400 (DAMIEN ROAD)	N/A	0.00	3.61	3.61	4		GR	
0402	NC	80826		TRAIL ACCESS ROAD	FROM END OF ROUTE 0011 (PUAHI STREET) / WAIHANAU BRIDGE	TO KALAUPAPA TRAIL TO TOPSIDE MOLOKA'I	N/A	0.00	0.31	0.31	4		NV	



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## CYCLE 5 SUMMARY TOTALS FOR KALAUPAPA NATIONAL HISTORICAL PARK

CYCLE 5 ROUTE TOTALS		CYCLE 5 CONCESSION TOTALS	
DCV Driven Route Miles	0.00	Concession Paved Route Miles	0.00
Manually Rated Route Miles	5.44	Concession Unpaved Route Miles	0.00
<b>TOTAL PARK ROUTE MILES COLLECTED IN CYCLE 5</b>	<b>5.44</b>	<b>TOTAL CONCESSION ROUTE MILES</b>	<b>0.00</b>
Manually Rated Routes (SQFT)	0.00	Concession Paved Parking Area SQFT	0
<b>TOTAL UNPAVED PARK ROUTE MILES</b>	<b>12.32</b>	Concession Unpaved Parking Area SQFT	0
		<b>TOTAL CONCESSION PARKING AREA SQFT</b>	<b>0</b>
		Concession Manually Rated Routes SQFT	0
* CYCLE 5 PARKING AREA TOTALS		CYCLE 5 WEIGHTED AVERAGE PARK VALUES	
Paved Parking (SQFT)	2,991	DCV Driven PCR	N/A
Unpaved Parking (SQFT)	0	**Manually Rated Routes PCR	98
<b>TOTAL PARKING (SQFT)</b>	<b>2,991</b>	**Parking PCR	90
		<b>***Total Equivalent Lane Miles</b>	<b>7.05</b>

\* - The Parking Area Totals SQFT value represents all parking areas collected in Cycle 5, both park and concessionaire.

\*\* - Parking and Manually Rated Routes are assigned the following PCR values based on their observed condition: Construction=-1, Excellent=97, Good=90, Fair=73, and Poor=45.

\*\*\* - Equivalent Lane Miles are calculated by route using the following equations : DCV and Manually Rated Lines Routes=( PAVE\_WIDTHxPAVED\_MI)/11 foot lane. Parking Areas=SQ\_FEET/5280/11. Manually Rated Polygons=SQ\_FEET/5280/11.

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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 Locations. 5000 Routes are driven for GPS and Video Log 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 KALA

Road Inventory Program 08/27/2014

(Numerical By Subcomponent #)

Page 1 of 2

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### KALAUPAPA NATIONAL HISTORICAL PARK

Rte. No.	FMSS No.	Cycle Collected	Route Description			Concess Route	Func. Class	Paved Miles	Un-Paved Miles	Total Route Length	Manual Rated SQ/FT
			Route Name	From	To						
0010ZZ	239507	5	KAMEHAMEHA STREET	FROM KALAUPAPA AIRPORT PARKING LOT (STATE DOT)	TO BEGINNING OF ROUTE 0012 (DAMIEN STREET) AND BEGINNING OF ROUTE 0013 (BERETANIA STREET)		1	1.59	0.00	1.59	124,772
0014ZZ	239693	5	MISSION STREET	FROM ROUTE 0013 (BERETANIA STREET)	TO ROUTE 0012 (DAMIEN STREET)		1	0.17	0.00	0.17	13,147
0025ZZ	239705	5	BISHOP ROAD	FROM INTERSECTION OF ROUTE 0011 (PUAHI STREET) AND ROUTE 0023 (SCHOOL STREET)	TO BISHOP HOME FOR GIRLS		1	0.27	0.00	0.27	20,869
0026ZZ	239708	5	CONRADY PLACE AND MISSION / PUAHI CONNECTOR	FROM ROUTE 0011 (PUAHI STREET)	TO ROUTE 0012 (DAMIEN STREET)		1	0.08	0.00	0.08	8,882

### KALA-0010ZZ Subcomponent Breakdown

Rte. No.	FMSS No.	Cycle Collected	Route Description			Concess Route	Func. Class	Paved Miles	Un-Paved Miles	Total Route Length	Manual Rated SQ/FT
			Route Name	From	To						
0010AZ	239507	5	KAMEHAMEHA STREET A	FROM ROUTE 0010BZ (KAMEHAMEHA STREET B) AND KALAUPAPA AIRPORT PARKING LOT (STATE DOT)	TO BEGINNING OF ROUTE 0012 (DAMIEN STREET) AND BEGINNING OF ROUTE 0013 (BERETANIA STREET)		1	1.53	0.00	1.53	121,414
0010BZ	239507	5	KAMEHAMEHA STREET B	FROM ROUTE 0010AZ (KAMEHAMEHA STREET A)	TO ROUTE 0010AZ (KAMEHAMEHA STREET A) AND KALAUPAPA AIRPORT PARKING LOT (STATE DOT)		1	0.05	0.00	0.05	3,358

### KALA-0014ZZ Subcomponent Breakdown

Rte. No.	FMSS No.	Cycle Collected	Route Description			Concess Route	Func. Class	Paved Miles	Un-Paved Miles	Total Route Length	Manual Rated SQ/FT
			Route Name	From	To						
0014AZ	239693	5	MISSION STREET (MAIN ROAD)	FROM ROUTE 0013 (BERETANIA STREET)	TO ROUTE 0012 (DAMIEN STREET)		1	0.14	0.00	0.14	11,167
0014BZ	239693	5	MISSION STREET (SOUTH SPUR ROAD)	FROM ROUTE 0012 (DAMIEN STREET)	TO ROUTE 0014AZ (MISSION STREET (MAIN ROAD))		1	0.03	0.00	0.03	1,980

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Page 2 of 2

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## KALA

### KALAUPAPA NATIONAL HISTORICAL PARK

#### KALA-0025ZZ Subcomponent Breakdown

Rte. No.	FMSS No.	Cycle Collected	Route Description		Concess Route	Func. Class	Paved Miles	Un-Paved Miles	Total Route Length	Manual Rated SQ/FT
			Route Name	From						
0025AZ	239705	5	BISHOP ROAD (FRONT LOOP)	FROM INTERSECTION OF ROUTE 0011 (PUAHI STREET) AND ROUTE 0023 (SCHOOL STREET)		1	0.15	0.00	0.15	12,632
0025BZ	239705	5	BISHOP ROAD (BACK LOOP)	FROM ROUTE 0025AZ (BISHOP ROAD (FRONT LOOP))		1	0.12	0.00	0.12	8,237
				TO END OF LOOP						
				TO ROUTE 0025AZ (BISHOP ROAD (FRONT LOOP))						

#### KALA-0026ZZ Subcomponent Breakdown

Rte. No.	FMSS No.	Cycle Collected	Route Description		Concess Route	Func. Class	Paved Miles	Un-Paved Miles	Total Route Length	Manual Rated SQ/FT
			Route Name	From						
0026AZ	239708	5	MISSION / PUAHI CONNECTOR	FROM ROUTE 0011 (PUAHI STREET)		1	0.03	0.00	0.03	1,743
0026BZ	239708	5	CONRADY PLACE	FROM ROUTE 0014AZ (MISSION STREET (MAIN ROAD))		1	0.05	0.00	0.05	7,139
				TO ROUTE 0014AZ (MISSION STREET (MAIN ROAD))						
				TO ROUTE 0012 (DAMIEN STREET)						