

# Cycle 5 NPS/RIP Route ID Report

Road Inventory Program 02/20/2014

(Numerical By Route #)

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Shading Color Key:

Red text denotes approx. mileage

White = Paved Routes, DCV Driven

Grey = Paved Routes, DCV not Driven

Yellow = Unpaved Routes, DCV not Driven

Black = State, Local or Private non-NPS Routes

Blue = All Paved Parking Areas

  = Concession Route Flag ON

Green = All Unpaved Parking Areas

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## KIMO

### KINGS MOUNTAIN NATIONAL MILITARY PARK

Rte. No.	Cycle Collected	FMSS No.	Concess Route	Route Name	Route Description From	To	Maint. District	Paved Miles	Un-Paved Miles	Total Route Length	Func. Class	Manual Rated SQ/FT	Surf. Type	Area Maps
0010	5	42951		MAIN PARK DRIVE	FROM WEST PARK BOUNDARY AT PAVEMENT CHANGE / END OF ROUTE 5216 (NORTH CAROLINA 216 S / SOUTH CAROLINA S-11-85)	TO EAST PARK BOUNDARY AT PAVEMENT CHANGE / BEGINNING OF ROUTE 5021 (PARK ROAD)	N/A	2.82	0.00	2.82	1		AS	1
0100	NC	54279		EAST YORK-SHELBYVILLE ROAD	FROM ROUTE 0010 (MAIN PARK DRIVE)	TO ROUTE 0102 (HUFFMAN ROAD) AND ROUTE 0103 (VAN DYKE ROAD)	N/A	0.00	0.92	0.92	6		NV	
0101	NC	54280		PIEDMONT ROAD	FROM ROUTE 0010 (MAIN PARK DRIVE)	TO PARK BOUNDARY	N/A	0.00	1.07	1.07	1		GR	
0102	NC	54281		HUFFMAN ROAD	FROM ROUTE 0100 (EAST YORK-SHELBYVILLE ROAD)	TO PARK BOUNDARY	N/A	0.00	0.24	0.24	6		NV	
0103	NC	54282		VAN DYKE ROAD	FROM ROUTE 0100 (EAST YORK-SHELBYVILLE ROAD)	TO PARK BOUNDARY	N/A	0.00	0.25	0.25	6		NV	
0400	NC	54283		WEST YORK-SHELBYVILLE ROAD	FROM ROUTE 0010 (MAIN PARK DRIVE)	TO PARK BOUNDARY	N/A	0.00	0.96	0.96	6		NV	
0401	NC	54285		DELLINGHAM ROAD	FROM ROUTE 0402 (HOWSER HOUSE ROAD)	TO LOOKOUT TOWER ROAD	N/A	0.00	0.96	0.96	6		NV	
0402	NC	54284		HOWSER HOUSE ROAD	FROM ROUTE 5000 (S-11-86 / ROCK HOUSE ROAD)	TO PARK BOUNDARY	N/A	0.00	0.50	0.50	6		NV	
0405	NC	54286		BROWNS MOUNTAIN ROAD	FROM LOOKOUT TOWER ROAD	TO BROWNS MOUNTAIN	N/A	0.00	0.79	0.79	6		NV	
0406	NC	54291		SEWER PLANT ROAD	FROM ROUTE 0900 (VISITOR CENTER PARKING)	TO SEWER PLANT	N/A	0.00	0.24	0.24	6		GR	
0407	NC	54292		WHITWORTH FIRE ROAD	FROM ROUTE 0010 (MAIN PARK DRIVE) AT MP 1.36 ON RIGHT	TO PARK BOUNDARY	N/A	0.00	0.66	0.66	6		NV	
0408	NC	54293		HORSE TRAIL ACCESS	FROM ROUTE 0010 (MAIN PARK DRIVE) AT MP 2.08 ON RIGHT	TO PARK BOUNDARY	N/A	0.00	0.82	0.82	6		NV	
0410	NC	54295		GORDON CEMETERY ROAD	FROM ROUTE 0101 (PIEDMONT ROAD)	TO END OF LOOP	N/A	0.00	0.09	0.09	6		NV	
0411	NC	54297		PUMP HOUSE ROAD	FROM ROUTE 0100 (EAST YORK-SHELBYVILLE ROAD)	TO PUMP HOUSE	N/A	0.00	0.22	0.22	6		OT	



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## CYCLE 5 SUMMARY TOTALS FOR KINGS MOUNTAIN NATIONAL MILITARY PARK

<b>CYCLE 5 ROUTE TOTALS</b>	
DCV Driven Route Miles	2.82
Manually Rated Route Miles	0.00
<b>TOTAL PARK ROUTE MILES COLLECTED IN CYCLE 5</b>	<b>2.82</b>
Manually Rated Routes (SQFT)	0
<b>TOTAL UNPAVED PARK ROUTE MILES</b>	<b>10.53</b>

<b>CYCLE 5 CONCESSION TOTALS</b>	
Concession Paved Route Miles	0.00
Concession Unpaved Route Miles	0.00
<b>TOTAL CONCESSION ROUTE MILES</b>	<b>0.00</b>
Concession Paved Parking Area SQFT	0
Concession Unpaved Parking Area SQFT	0
<b>TOTAL CONCESSION PARKING AREA SQFT</b>	<b>0</b>
Concession Manually Rated Routes SQFT	0

<b>* CYCLE 5 PARKING AREA TOTALS</b>	
Paved Parking (SQFT)	80,364
Unpaved Parking (SQFT)	0
<b>TOTAL PARKING (SQFT)</b>	<b>80,364</b>

<b>CYCLE 5 WEIGHTED AVERAGE PARK VALUES</b>	
DCV Driven PCR	99
**Manually Rated Routes PCR	N/A
**Parking PCR	71
<b>***Total Equivalent Lane Miles</b>	<b>6.87</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.

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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**