

Cycle 5 NPS/RIP Route ID Report

Road Inventory Program 12/06/2012

(Numerical By Route #)

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Shading Color Key:

White = Paved Routes, DCV Driven

Yellow = Unpaved Routes, DCV not Driven

Blue = All Paved Parking Areas

Green = All Unpaved Parking Areas

Red text denotes approx. mileage

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** DCV - Data Collection Vehicle NC - Not Collected

MOCA

MONTEZUMA CASTLE NATIONAL MONUMENT

Rte. No.	Cycle Collected	FMS 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	13300		MOCA CASTLE ACCESS ROAD	FROM PARK BOUNDARY (PAVEMENT CHANGE AND FENCE) TO ROUTE 0900 (MOCA CASTLE VISITOR CENTER PARKING)	N/A	1.11	0.00	1.11	1		AS	1
0011	5	13354		MOWE WELL ACCESS ROAD	FROM ROUTE 0013 (MOWE BEAVER CREEK ROAD) AT MP 0.46 (ON RIGHT) TO ROUTE 0903 (MOWE WELL PARKING)	N/A	0.37	0.00	0.37	1		AS	2
0012	5	231337		MOCA BEAVER CREEK ESTATES ROAD	FROM ROUTE 0010 (MOCA CASTLE ACCESS ROAD) AT MP 0.34 (ON LEFT) TO PARK BOUNDARY (FENCE)	N/A	0.21	0.00	0.21	1		AS	1
0013	5	231338		MOWE BEAVER CREEK ROAD	FROM WEST PARK BOUNDARY (PAVEMENT CHANGE) TO NORTH PARK BOUNDARY (FENCE) AT MP 0.72	N/A	0.47	0.25	0.72	1		AS	2
0200	5	58031		MOWE PICNIC AREA ROAD	FROM ROUTE 0011 (MOWE WELL ACCESS ROAD) AT MP 0.03 (ON RIGHT) TO ROUTE 0905 (MOWE PICNIC AREA PARKING)	N/A	0.12	0.00	0.12	2		AS	2
0400	5	13318		MOCA RESIDENCE AREA ROAD	FROM ROUTE 0010 (MOCA CASTLE ACCESS ROAD) AT MP 1.07 (ON LEFT) TO ROUTE 0901 (MOCA RESIDENCE AREA PARKING)	N/A	0.09	0.00	0.09	5		AS	1
0401	5	13358		MOWE RESIDENCE ROAD	FROM ROUTE 0200 (MOWE PICNIC AREA ROAD) AT MP 0.12 (ON LEFT) TO DEAD END AT DRIVEWAY	N/A	0.16	0.00	0.16	5		AS	2
0402	NC	26615		MOWE SOUTH BOUNDARY ROAD	FROM ROUTE 0401 (MOWE RESIDENCE ROAD) TO TRAIL	N/A	0.00	0.25	0.25	6		NV	
0403	NC	29319		MOCA LAGOON ROAD	FROM ROUTE 0400 (MOCA RESIDENCE AREA ROAD) TO LAGOON	N/A	0.00	0.20	0.20	5		GR	
0404	NC	231344		MOCA WATER TANK ROAD	FROM ROUTE 0010 (MOCA CASTLE ACCESS ROAD) TO WATER TANK	N/A	0.00	0.50	0.50	6		NV	
0600	NC	231345		MOCA PARK LANE	FROM CREST VIEW DRIVE (NON NPS) TO BEAVER CREEK	N/A	0.00	0.25	0.25	8		NV	
0900	5	58028		MOCA CASTLE VISITOR CENTER PARKING	FROM END OF ROUTE 0010 (MOCA CASTLE ACCESS ROAD) TO PARKING	N/A	0.00	0.00	0.00		30,927	AS	1
0901	5	58033		MOCA RESIDENCE AREA PARKING	FROM END OF ROUTE 0400 (MOCA RESIDENCE AREA ROAD) TO PARKING	N/A	0.00	0.00	0.00		10,424	AS	1

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CYCLE 5 SUMMARY TOTALS FOR MONTEZUMA CASTLE NATIONAL MONUMENT

CYCLE 5 ROUTE TOTALS	
DCV Driven Route Miles	2.51
Manually Rated Route Miles	0.00
TOTAL PARK ROUTE MILES COLLECTED IN CYCLE 5	2.51
Manually Rated Routes (SQFT)	0
TOTAL UNPAVED PARK ROUTE MILES	1.45

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

* CYCLE 5 PARKING AREA TOTALS	
Paved Parking (SQFT)	76,565
Unpaved Parking (SQFT)	0
TOTAL PARKING (SQFT)	76,565

CYCLE 5 WEIGHTED AVERAGE PARK VALUES	
DCV Driven PCR	79
**Manually Rated Routes PCR	N/A
**Parking PCR	86
***Total Equivalent Lane Miles	6.54

* - 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**