

Cycle 6 NPS / RIP Route ID Report

(Numerical By Summary Route and Subcomponent #)



Shading Color Key

White = Paved Routes, DCV Driven

Grey = Paved Routes, DCV not Driven

Black = Non-NPS Routes

■ = Concession Route

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Red text denotes:

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MOCA Montezuma Castle National Monument

ROAD INVENTORY (1100 SERIES FMSS LOCATIONS)

Route No.	Cycle Collected	Iteration Collected	FMSS Number	Concession	Route Description		Maintenance District	Paved Miles	Unpaved Miles	Total Mileage	Functional Class	Area (SQ FT)	Surf. Type	Area Map
					Route Name	From To								
0010	6	1	13300		MOCA CASTLE ACCESS ROAD	FROM PARK BOUNDARY (PAVEMENT CHANGE) TO ROUTE 0900 (MOCA CASTLE VISITOR CENTER PARKING)		1.11	0.00	1.11	1		AS	1
0011	6	1	13354		MOWE WELL ACCESS ROAD	FROM ROUTE 0013 (MOWE BEAVER CREEK ROAD) TO ROUTE 0903 (MOWE WELL PARKING)		0.37	0.00	0.37	1		AS	2
0012	6	1	231337		MOCA BEAVER CREEK ESTATES ROAD	FROM ROUTE 0010 (MOCA CASTLE ACCESS ROAD) TO PARK BOUNDARY (FENCE)		0.21	0.00	0.21	1		AS	1
0013	6	1	231338		MOWE BEAVER CREEK ROAD	FROM WEST PARK BOUNDARY (PAVEMENT CHANGE) TO NORTH PARK BOUNDARY (FENCE) AT MP 0.72		0.47	0.25	0.72	1		AS	2
0200	6	1	58031		MOWE PICNIC AREA ROAD	FROM ROUTE 0011 (MOWE WELL ACCESS ROAD) TO ROUTE 0905 (MOWE PICNIC AREA PARKING)		0.12	0.00	0.12	2		AS	2
0400	6	1	13318		MOCA RESIDENCE AREA ROAD	FROM ROUTE 0010 (MOCA CASTLE ACCESS ROAD) TO ROUTE 0901 (MOCA RESIDENCE AREA PARKING)		0.09	0.00	0.09	5		AS	1
0401	6	1	13358		MOWE RESIDENCE ROAD	FROM ROUTE 0200 (MOWE PICNIC AREA ROAD) TO DEAD END AT DRIVEWAY		0.16	0.00	0.16	5		AS	2
0402	NC		26615		MOWE SOUTH BOUNDARY ROAD	FROM ROUTE 0401 (MOWE RESIDENCE ROAD) TO TRAIL		0.00	0.25	0.25	6		NV	
0403	NC		29319		MOCA LAGOON ROAD	FROM ROUTE 0400 (MOCA RESIDENCE AREA ROAD) TO LAGOON		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		0.00	0.50	0.50	6		NV	
0600	NC		231345		MOCA PARK LANE	FROM CREST VIEW DRIVE (NON NPS) TO BEAVER CREEK		0.00	0.25	0.25	8		NV	

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PARKING AREA INVENTORY (1300 SERIES FMSS LOCATIONS)

Route No.	Cycle Collected	Iteration Collected	FMSS Number	Concession	Route Name	Route Description		Maintenance District	Access Level	Area (SQ FT)	Surf. Type	Area Map
						From	To					
0900	6	1	58028		MOCA CASTLE VISITOR CENTER PARKING	FROM END OF ROUTE 0010 (MOCA CASTLE ACCESS ROAD)	TO PARKING		PUBLIC	32,410	AS	1
0901	6	1	58033		MOCA RESIDENCE AREA PARKING	FROM END OF ROUTE 0400 (MOCA RESIDENCE AREA ROAD)	TO PARKING		PUBLIC	10,346	AS	1
0902	6	1	58036		MOCA ELEPHANT TRACKS PARKING	FROM ROUTE 0012 (MOCA BEAVER CREEK ESTATES ROAD)	TO PARKING		NONPUBLIC	10,582	AS	1
0903	6	1	58041		MOWE WELL PARKING	FROM END OF ROUTE 0011 (MOWE WELL ACCESS ROAD)	TO PARKING		PUBLIC	13,876	AS	2
0904	6	1	58044		MOWE PITHOUSE PARKING	ADJACENT TO ROUTE 0011 (MOWE WELL ACCESS ROAD) ON LEFT			PUBLIC	1,409	AS	2
0905	6	1	58047		MOWE PICNIC AREA PARKING	FROM END OF ROUTE 0200 (MOWE PICNIC AREA ROAD)	TO PARKING AND UNPAVED TURNAROUND		PUBLIC	7,292	AS	2
0906	6	1	58048		MOWE PREHISTORIC DITCH PARKING	ADJACENT TO ROUTE 0200 (MOWE PICNIC AREA ROAD) ON LEFT			PUBLIC	1,811	AS	2

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Cycle 6 Summary Totals for Montezuma Castle National Monument

Cycle 6 Route Totals			
	NPS Maintained	Concessionaire Maintained	Park Totals
Paved Roads, Data Collection Vehicle Rated (Miles)	2.51	0	2.51
Paved Roads, Manually Rated Length (Miles)	0	0	0
Paved Roads, Manually Rated Area (Sq. Ft.)	0	0	0
Unpaved Roads (Miles)	1.45	0	1.45
Paved Parking (Sq. Ft.)	77,726	0	77,726
Unpaved Parking (Sq. Ft.)	0	0	0

Cycle 6 Lane Miles and Overall Pavement Condition		
	Lanes Miles*	Pavement Condition Rating**
Data Collection Vehicle Routes	5.23	82
Manually Rated Roads	0	N/A
Parking Areas	1.34	64

* Equivalent Lane Miles are calculated by route using the following equations:
 - DCV and MRLs = (PAVE_WIDTH x PAVED_MI) / 11 foot lane
 - MRPs and PKGs = SQ_FEET / 5280 / 11 foot lane

**Parking and Manually Rated Routes are assigned the following PCR values based on the type of observed distresses:
 -Excellent = 97 -Good = 90 -Fair = 73
 -Poor = 53, 30, or 0 -Construction / Not Rated = -1

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General Park Road Functional Classification (FC) Table

FC	Type	User Access	Description	Route Numbers	Surface Types
1	Principal Park Road Rural Parkway	Public	Roads which constitute the main access route, circulatory tour, or thoroughfare for park visitors. Rural Parkways (e.g. Natchez Trace) are numbered 0001 - 0009.	0001 - 0009 0010 - 0099	AS - Asphaltic Concrete Pavement
2	Connector Park Road	Public	Roads which provide access within a park to areas of scenic, scientific, recreational or cultural interest, such as overlooks, campgrounds, etc.	0100 - 0199	BR - Brick or Pavers Road Bed CB - Cobble Stone Road Bed
3	Special Purpose Park Road	Public	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.	0200 - 0299	CO - Portland Cement Concrete Pavement
4	Primitive Park Road	Public	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. Note: Functional Classes 3 and 4 have the same route numbers because, historically, they were numbered similarly.	0200 - 0299	GR - Gravel Road Bed NV - Native or Dirt Material Road Bed
5	Administrative Park Road	Public	All public roads intended for access to administrative developments or structures such as park offices, employee quarters, or utility areas.	0400 - 0499	OT - Other Materials Road Bed
6	Administrative Park Road (Restricted Access)	Nonpublic	All roads normally closed to the public, including patrol roads, truck trails, and other similar roads. 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.	0400 - 0499	
7	Urban Parkway	Public	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.	0001 - 0009	
8	City Street	Public	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.	0600 - 0699	
N/A	Non-NPS Roads	Public	State, County, or City owned roads which border, traverse, or provide access to Park Facilities or Locations. Non-NPS roads are not assigned functional classes and are driven for GPS and Video Log only.	5000 - 5999	

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 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.