

Cycle 5 NPS/RIP Route ID Report

Road Inventory Program 06/27/2012

(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

Grey = Paved Routes, DCV not Driven

Black = State, Local or Private non-NPS Routes

■ = Concession Route Flag ON

*Unpaved route data was obtained from NPS and was not inventoried by the Road Inventory Program (RIP).

** DCV - Data Collection Vehicle NC - Not Collected

JECA

JEWEL CAVE NATIONAL MONUMENT

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	42153		JEWEL CAVE ROAD	FROM ROUTE 5000 (U.S. HIGHWAY 16 (MT. RUSHMORE ROAD) ON LEFT TO ROUTE 0900 (VISITOR CENTER PARKING)	N/A	0.66	0.00	0.66	1	-1	AS	1
0201	NC	104493		LITHOGRAPH CANYON ROAD	FROM EAST PARK BOUNDARY TO ROUTE 0202 (HELL CANYON ROAD)	N/A	0.00	1.93	1.93	6	-1	GR	
0202	NC	104502		HELL CANYON ROAD	FROM NORTH PARK BOUNDARY TO SOUTH PARK BOUNDARY	N/A	0.00	3.14	3.14	6	-1	GR	
0400	5	42156		HOUSING / ADMINISTRATION AREA ROAD	FROM ROUTE 0010 (JEWEL CAVE ROAD) ON RIGHT TO END	N/A	0.23	0.00	0.23	5	-1	AS	1
0401	NC	42151		VISITOR CENTER SERVICE ROAD	FROM ROUTE 0900 (VISITOR CENTER PARKING) TO END	N/A	0.00	0.10	0.10	6	-1	GR	
0402	NC	42155		RESERVOIR ROAD	FROM ROUTE 5000 (U.S. HIGHWAY 16 (MT. RUSHMORE ROAD) TO END	N/A	0.00	0.30	0.30	6	-1	GR	
0403	5	233667		WELL HOUSE ROAD	FROM ROUTE 0906 (OLD AREA ENTRANCE PARKING) TO END	N/A	0.08	0.00	0.08	6	5,132	AS	1
0404	NC	42154		SEWER LAGOON ROAD NEW AREA	FROM ROUTE 0401 (VISITOR CENTER SERVICE ROAD) TO ROUTE 0202 (HELL CANYON ROAD)	N/A	0.00	0.80	0.80	6	-1	GR	
0900	5	42157		VISITOR CENTER PARKING	FROM END OF ROUTE 0010 (JEWEL CAVE ROAD) TO PARKING	N/A	0.00	0.00	0.00		68,802	AS	1
0901	5	104488		BUILDING 9 (MAINTENANCE) PARKING	FROM ROUTE 0400 (HOUSING/ADMINISTRATION AREA ROAD) TO PARKING	N/A	0.00	0.00	0.00		8,693	AS	1
0902	5	104456		EMPLOYEE HOUSING PARKING	FROM ROUTE 0400 (HOUSING/ADMINISTRATION AREA ROAD) TO PARKING	N/A	0.00	0.00	0.00		11,085	AS	1
0905	5	233668		OLD AREA HOUSING PARKING	FROM ROUTE 0906 (OLD AREA ENTRANCE PARKING) TO PARKING	N/A	0.00	0.00	0.00		6,873	AS	1
0906	5	40940		OLD AREA ENTRANCE PARKING	FROM ROUTE 5000 (U.S. HIGHWAY 16 (MT. RUSHMORE ROAD) ON RIGHT TO ROUTE 0403 (WELL HOUSE ROAD) AND ROUTE 0905 (OLD AREA HOUSING PARKING)	N/A	0.00	0.00	0.00		28,852	AS	1
5000	5			U.S. HIGHWAY 16 (MT. RUSHMORE ROAD)	FROM EAST PARK BOUNDARY TO WEST PARK BOUNDARY	N/A	2.51	0.00	2.51		-1	AS	1

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CYCLE 5 SUMMARY TOTALS FOR JEWEL CAVE NATIONAL MONUMENT

CYCLE 5 ROUTE TOTALS	
DCV Driven Route Miles	0.89
Manually Rated Route Miles	0.08
TOTAL PARK ROUTE MILES COLLECTED IN CYCLE 5	0.98
Manually Rated Routes (SQFT)	5,132
TOTAL UNPAVED PARK ROUTE MILES	6.27

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 Rotes SQFT	0

* CYCLE 5 PARKING AREA TOTALS	
Paved Parking (SQFT)	124,305
Unpaved Parking (SQFT)	0
TOTAL PARKING (SQFT)	124,305

CYCLE 5 WEIGHTED AVERAGE PARK VALUES	
DCV Driven PCR	81
**Manually Rated Routes PCR	73
**Parking PCR	84
***Total Equivalent Lane Miles	3.98

* - 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 Assets. 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**