

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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ORCA Oregon Caves National Monument and Preserve

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	
					From	To									
0010	6	1	42987		ENTRANCE ROAD	FROM END OF ROUTE 5000 (STATE HIGHWAY 46)	TO DEAD END AT GARAGE		0.53	0.00	0.53	1		AS	1
0200	6	1			CAVE CREEK CAMPGROUND ROAD	FROM ROUTE 5000 (STATE HIGHWAY 46)	TO END OF LOOP		1.17	0.00	1.17	3		AS	2
0400	6	1	42994		RESIDENCE AREA ROAD	FROM ROUTE 5000 (STATE HIGHWAY 46)	TO ROUTE 0904 (ADMINISTRATIVE PARKING)		0.12	0.00	0.12	6		AS	1
0401	NC		104730		SERVICE ROAD	FROM END OF ROUTE 0010 (ENTRANCE ROAD)	TO SEWER SYSTEM		0.00	0.01	0.01	5		GR	
0402	6	1	104797		FIRE ACCESS ROAD	FROM ROUTE 0010 (ENTRANCE ROAD)	TO PARK BOUNDARY		0.07	0.00	0.07	5		AS	1
0403	6	1	104975		CHATEAU SERVICE ROAD	FROM ROUTE 0901 BZ (CHATEAU PARKING B)	TO DEAD END AT CHATEAU		0.04	0.00	0.04	6		AS	1
0404	6	1	104767		MAINTENANCE AREA ACCESS ROAD	FROM ROUTE 0400 (RESIDENCE AREA ROAD)	TO ROUTE 0903 (MAINTENANCE / EMPLOYEE PARKING)		0.10	0.00	0.10	6		AS	1

NON-NPS ROADS INVENTORY

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	
					From	To									
5000	5	1			STATE HIGHWAY 46	FROM INTERSECTION WITH ROUTE 0200 (CAVE CREEK CAMPGROUND ROAD) AND STATE HIGHWAY 46	TO BEGINNING OF ROUTE 0010 (ENTRANCE ROAD)		3.54	0.00	3.54			AS	1,2

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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					
0900ZZ	6	1	43001		TOUR PARKING AREAS	FROM ROUTE 0010 (ENTRANCE ROAD)	TO ROUTE 0010 (ENTRANCE ROAD)		PUBLIC	33,527	AS	1
0901ZZ	6	1	105005		CHATEAU PARKING AREAS	ADJACENT TO ROUTE 0010 (ENTRANCE ROAD)			PUBLIC	7,213	AS	1
0903	6	1	104764		MAINTENANCE / EMPLOYEE PARKING	FROM END OF ROUTE 0404 (MAINTENANCE AREA ACCESS ROAD)	TO PARKING		NONPUBLIC	3,866	AS	1
0904	6	1	104820		ADMINISTRATIVE PARKING	FROM END OF ROUTE 0400 (RESIDENCE AREA ROAD)	TO PARKING		NONPUBLIC	3,238	AS	1
0905	6	1	104823		ILLINOIS VALLEY VISITOR CENTER PARKING	FROM STATE HIGHWAY 46	TO STATE HIGHWAY 46		PUBLIC	35,148	AS	3
0906ZZ	6	1	104817		ADMINISTRATIVE PARKING AREAS	FROM ROUTE 0400 (RESIDENCE AREA ROAD) AND ROUTE 0404 (MAINTENANCE AREA ACCESS ROAD)	TO PARKING		PUBLIC	2,380	AS	1

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Cycle 6 Summary Totals for Oregon Caves National Monument and Preserve

Cycle 6 Route Totals

	NPS Maintained	Concessionaire Maintained	Park Totals
Paved Roads, Data Collection Vehicle Rated (Miles)	2.02	0	2.02
Paved Roads, Manually Rated Length (Miles)	0	0	0
Paved Roads, Manually Rated Area (Sq. Ft.)	0	0	0
Unpaved Roads (Miles)	0.01	0	0.01
Paved Parking (Sq. Ft.)	85,372	0	85,372
Unpaved Parking (Sq. Ft.)	0	0	0

Cycle 6 Lane Miles and Overall Pavement Condition

	Lanes Miles*	Pavement Condition Rating**
Data Collection Vehicle Routes	3.12	91
Manually Rated Roads	0	N/A
Parking Areas	1.47	90

* Equivalent Lane Miles are calculated by route using the following equations:

- DCV and MRLs = $(PAVE_WIDTH \times PAVED_MI) / 11$ 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 GR - Gravel Road Bed
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	NV - Native or Dirt Material Road Bed OT - Other Materials 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	
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.

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SUMMARY ROUTE INVENTORY FOR PARKING AREAS (1300 SERIES FMSS LOCATIONS)

Route Number	FMSS Number	Cycle Collected	Iteration Collected	Concession	Route Name	Route Description		User Access	Area (SQ FT)
						From	To		
0900ZZ	43001	6	1		TOUR PARKING AREAS	FROM ROUTE 0010 (ENTRANCE ROAD)	TO ROUTE 0010 (ENTRANCE ROAD)	PUBLIC	33,527
0901ZZ	105005	6	1		CHATEAU PARKING AREAS	ADJACENT TO ROUTE 0010 (ENTRANCE ROAD)		PUBLIC	7,213
0906ZZ	104817	6	1		ADMINISTRATIVE PARKING AREAS	FROM ROUTE 0400 (RESIDENCE AREA ROAD) AND ROUTE 0404 (MAINTENANCE AREA ACCESS ROAD)	TO PARKING	PUBLIC	2,380

ORCA-0900ZZ Subcomponent Breakdown

Route Number	FMSS Number	Cycle Collected	Iteration Collected	Concession	Route Name	Route Description		User Access	Area (SQ FT)
						From	To		
0900AZ	43001	6	1		TOUR PARKING A	ADJACENT TO ROUTE 0010 (ENTRANCE ROAD)		PUBLIC	9,592
0900BZ	43001	6	1		TOUR PARKING B	FROM ROUTE 0010 (ENTRANCE ROAD)	TO ROUTE 0010 (ENTRANCE ROAD)	PUBLIC	23,935

ORCA-0901ZZ Subcomponent Breakdown

Route Number	FMSS Number	Cycle Collected	Iteration Collected	Concession	Route Name	Route Description		User Access	Area (SQ FT)
						From	To		
0901AZ	105005	6	1		CHATEAU PARKING A	ADJACENT TO ROUTE 0010 (ENTRANCE ROAD) ON RIGHT		PUBLIC	3,899
0901BZ	105005	6	1		CHATEAU PARKING B	ADJACENT TO ROUTE 0010 (ENTRANCE ROAD) ON RIGHT		PUBLIC	1,767
0901CZ	105005	6	1		CHATEAU PARKING C	ADJACENT TO ROUTE 0010 (ENTRANCE ROAD) ON LEFT		PUBLIC	1,547

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ORCA-0906ZZ Subcomponent Breakdown

Route Number	FMSS Number	Cycle Collected	Iteration Collected	Concession	Route Name	Route Description		User Access	Area (SQ FT)
						From	To		
0906AZ	104817	6	1		HANDICAP ADMINISTRATIVE PARKING	ADJACENT TO ROUTE 0400 (RESIDENCE AREA ROAD)		PUBLIC	398
0906BZ	104817	6	1		MAIN ADMINISTRATIVE PARKING	ADJACENT TO ROUTE 0400 (RESIDENCE AREA ROAD)		PUBLIC	674
0906CZ	104817	6	1		OVERFLOW ADMINISTRATIVE PARKING	FROM ROUTE 0404 (MAINTENANCE AREA ACCESS ROAD)	TO PARKING	PUBLIC	1,308