Road Inventory Program 02/27/2012

(Numerical By Route #)

Shading Color Key: Red text denotes approx. mileage

White = Paved Routes, DCV Driven Yellow = Unpaved Routes, DCV not Driven Blue = All Paved Parking Areas

Green = All Unpaved Parking Areas

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

## **ORCA**

### **OREGON CAVES NATIONAL MONUMENT**

Rte. No.	Cycle Collected	FMSS No.	Concess Route	Route Name	Route Des From	scription To	Maint. District	Paved Miles	Un- Paved Miles	Total Route Length	Func. Class	Manual Rated SQ/FT	Surf. Type	Area Maps
0010	5	42987		ENTRANCE ROAD	FROM PARK BOUNDARY AT END OF ROUTE 5000 (STATE HIGHWAY 46)	TO DEAD END AT GARAGE	N/A	0.53	0.00	0.53	1	0	AS	3
0400	5	42994		RESIDENCE AREA ROAD	FROM ROUTE 5000 (STATE HIGHWAY 46)	TO ROUTE 0904 (ADMINISTRATIVE PARKING)	N/A	0.11	0.00	0.11	6	0	AS	2
0401	NC	104730		SERVICE ROAD	FROM ROUTE 0010 (ENTRANCE ROAD)	TO SEWER SYSTEM	N/A	0.00	0.01	0.01	5	0	GR	3
0402	5	104797		FIRE ACCESS ROAD	FROM ROUTE 0010 (ENTRANCE ROAD)	TO PARK BOUNDARY	N/A	0.07	0.00	0.07	6	0	AS	3
0403	5	104975		CHATEAU SERVICE ROAD	FROM ROUTE 0901B (CHATEAU PARKING B)	TO DEAD END AT CHATEAU	N/A	0.04	0.00	0.04	6	1,901	AS	3
0404	5	104767		MAINTENANCE AREA ACCESS ROAD	FROM ROUTE 0400 (RESIDENCE AREA ROAD)	TO ROUTE 0903 (MAINTENANCE/ EMPLOYEE PARKING)	N/A	0.10	0.00	0.10	6	0	AS	2
0900A	5	43001		VISITOR CENTER PARKING A	ADJACENT TO ROUTE 0010 (ENTRANCE ROAD) ON RIGHT		N/A	0.00	0.00	0.00		9,758	AS	3
0900B	5	104774		VISITOR CENTER PARKING B	FROM END OF ROUTE 0900D (VISITOR CENTER PARKING D)	TO PARKING	N/A	0.00	0.00	0.00		3,783	AS	3
0900C	5	104792		VISITOR CENTER PARKING C	ADJACENT TO ROUTE 0010 (ENTRANCE ROAD) ON LEFT		N/A	0.00	0.00	0.00		2,001	AS	3
0900D	5	104794		VISITOR CENTER PARKING D	ADJACENT TO ROUTE 0010 (ENTRANCE ROAD) ON LEFT		N/A	0.00	0.00	0.00		6,642	AS	3
0901A	5	105005		CHATEAU PARKING A	ADJACENT TO ROUTE 0010 (ENTRANCE ROAD) ON RIGHT		N/A	0.00	0.00	0.00		4,973	AS	3
0901B	5	104799		CHATEAU PARKING B	ADJACENT TO ROUTE 0010 (ENTRANCE ROAD) ON RIGHT		N/A	0.00	0.00	0.00		1,779	AS	3
0901C	5	104803		CHATEAU PARKING C	ADJACENT TO ROUTE 0010 (ENTRANCE ROAD) ON LEFT		N/A	0.00	0.00	0.00		1,889	AS	3
0902	5	104754		HANDICAP PARKING	ADJACENT TO ROUTE 0010 (ENTRANCE ROAD) ON LEFT		N/A	0.00	0.00	0.00		1,723	AS	3

Page 1 of 4

Road Inventory Program 02/27/2012

(Numerical By Route #)

Shading Color Key: Red text denotes approx. mileage White = Paved Routes, DCV Driven

Yellow = Unpaved Routes, DCV not Driven

Blue = All Paved Parking Areas

Green = All Unpaved Parking Areas

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

# **ORCA**

### **OREGON CAVES NATIONAL MONUMENT**

Rte. No.	Cycle Collected	FMSS No.	Concess Route	Route Name	Route De From	scription To	Maint. District	Paved Miles	Un- Paved Miles	Total Route Length	Func. Class	Manual Rated SQ/FT	Surf. Type	Area Maps
0903	5	104764		MAINTENANCE/ EMPLOYEE PARKING	FROM END OF ROUTE 0404 (MAINTENANCE AREA ACCESS ROAD)	TO PARKING	N/A	0.00	0.00	0.00		4,541	AS	2
0904	5	104820		ADMINISTRATIVE PARKING	FROM END OF ROUTE 0400 (RESIDENCE AREA ROAD)	TO PARKING	N/A	0.00	0.00	0.00		8,096	AS	2
0905	5	104823		TOUR PARKING	FROM STATE HIGHWAY 46	TO STATE HIGHWAY 46	N/A	0.00	0.00	0.00		34,964	AS	1
0906ZZ	5	104817		ADMINISTRATIVE PARKING AREAS	FROM ROUTE 0400 (RESIDENCE AREA ROAD) AND ROUTE 0404 (MAINTENANCE AREA ACCESS ROAD)	TO PARKING	N/A	0.00	0.00	0.00		1,860	AS	2
5000	5			STATE HIGHWAY 46	FROM INTERSECTION WITH CAVE STREET CAMPGROUND AND STATE HIGHWAY 46	TO PARK BOUNDARY AT START OF ROUTE 0010 (ENTRANCE ROAD)	N/A	3.54	0.00	3.54		0	AS	2,3

Page 2 of 4

Road Inventory Program 02/27/2012

(Numerical By Route #)

Shading Color Key: Red text denotes approx. mileage

White = Paved Routes, DCV Driven Yellow = Unpaved Routes, DCV not Driven Blue = All Paved Parking Areas

Green = All Unpaved Parking Areas

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

CYCLE 5 SUMMARY	TOTALS FOR	OREGON CAVES NATIONAL MONUMENT					
CYCLE 5 ROUTE TOTALS		CYCLE 5 CONCESSION TOTALS					
DCV Driven Route Miles	0.80	Concession Paved Route Miles	0.00				
Manually Rated Route Miles	0.04	Concession Unpaved Route Miles	0.00				
TOTAL PARK ROUTE MILES COLLECTED IN CYCLE 5	0.84	TOTAL CONCESSION ROUTE MILES	0.00				
Manually Rated Routes (SQFT)	1,901	Concession Paved Parking Area SQFT	0				
TOTAL UNPAVED PARK ROUTE MILES	0.01	Concession Unpaved Parking Area SQFT	0				
		TOTAL CONCESSION PARKING AREA SQFT	0				
		Concession Manually Rated Rotes SQFT	0				
* CYCLE 5 PARKING AREA TOTA	ALS	CYCLE 5 WEIGHTED AVERAGE PARK VAL	.UES				
Paved Parking (SQFT)	82,009	DCV Driven PCR	89				
Unpaved Parking (SQFT)	0	**Manually Rated Routes PCR	45				
TOTAL PARKING (SQFT)	82,009	**Parking PCR	63				
		***Total Equivalent Lane Miles	2.99				

<sup>\* -</sup> The Parking Area Totals SQFT value represents all parking areas collected in Cycle 5, both park and concessionaire.

Page 3 of 4

<sup>\*\* -</sup> 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.

<sup>\*\*\* -</sup> 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.

Road Inventory Program 02/27/2012

(Numerical By Route #)

Shading Color Key: Red text denotes approx. mileage

White = Paved Routes, DCV Driven Yellow = Unpaved Routes, DCV not Driven

Blue = All Paved Parking Areas

Green = All Unpaved Parking Areas

Grey = Paved Routes, DCV not Driven

Black = State, Local or Private non-NPS Routes

= Concession Route Flag ON

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

\*\* DCV - Data Collection Vehicle NC - Not Collected

#### **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
- Connector Park Road (Public Roads) Roads which provide access within a park to areas of scenic, scientific, recreational or cultural interest, such as overlooks, Class 2 camparounds, etc. Route Numbers 100-199.
- Special Purpose Park Road (Public Roads) Roads which provide circulation within public areas, such as campgrounds, picnic areas, visitor center complexes, Class 3 concessionaire facilities, etc. These roads generally serve low-speed traffic and are often designed for one-way circulation. Route Numbers 200-299.
- Primitive Park Roads (Public Roads) Roads which provide circulation through remote areas and/or access to primitive campgrounds and undeveloped areas. These Class 4 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.
- Administrative Access Road (Administrative Roads) All public roads intended for access to administrative developments or structures such as park offices, employee Class 5 quarters, or utility areas. Route Numbers 400-499.
- Restricted Road (Administrative Roads) All roads normally closed to the public, including patrol roads, truck trails, and other similar roads. Route Numbers 400-499. Class 6 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
- 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 Class 7 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.
- 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 Class 8 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

Page 4 of 4

# **NPS/RIP Subcomponent Details for ORCA**

Road Inventory Program 02/15/2012

(Numerical By Subcomponent #)

Page 1 of 1

Shading Color Key: Red text denotes approx. mileage

White = Paved Routes, DCV Driven

Yellow = Unpaved Routes, DCV not Driven Blue = All Paved Parking Areas

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).

### **ORCA**

### **OREGON CAVES NATIONAL MONUMENT**

Asset	Asset Entered in FMSS System												
Rte. No.	FMSS No.	Cycle Collected	Route Name	Route Des	cription To	Concess Route	Func. Class	Paved Miles	Un- Paved Miles	Total Route Length	Manual Rated SQ/FT		
0906ZZ	104817	5	ADMINISTRATIVE PARKING AREAS	FROM ROUTE 0400 (RESIDENCE AREA ROAD) AND ROUTE 0404 (MAINTENANCE AREA ACCESS ROAD)	TO PARKING			0.00	0.00	0.00	1,860		

Asset	Asset ORCA-0906ZZ Subcomponent Breakdown												
Rte. No.	FMSS No.	Cycle Collected	Route Name	Route Desc From	cription To	Concess Route	Func. Class	Paved Miles	Un- Paved Miles	Total Route Length	Manual Rated SQ/FT		
0906AZ	104817	5	HANDICAP ADMINISTRATIVE PARKING	ADJACENT TO ROUTE 0400 (RESIDENCE AREA ROAD)				0.00	0.00	0.00	218		
0906BZ	104817	5	MAIN ADMINISTRATIVE PARKING	ADJACENT TO ROUTE 0400 (RESIDENCE AREA ROAD)				0.00	0.00	0.00	561		
0906CZ	104817	5	OVERFLOW ADMINISTRATIVE PARKING	FROM ROUTE 0404 (MAINTENANCE AREA ACCESS ROAD)	TO PARKING			0.00	0.00	0.00	1,081		
		-		•					1				