

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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CAVE Carlsbad Caverns National Park

ROAD INVENTORY (1100 SERIES FMSS LOCATIONS)

Route No.	Cycle Collected	Iteration Collected	FMSS Number	Concession	Route Name	Route Description		Maintenance District	FLTP	Paved Miles	Unpaved Miles	Total Mileage	Functional Class	Area (SQ FT)	Surf. Type	Area Map
						From	To									
0010ZZ	6	1	15458		WALNUT CANYON ENTRANCE ROADS	FROM STATE HIGHWAY 7 (CARLSBAD CAVERN HIGHWAY / NON NPS) NEAR EAST PARK BOUNDARY	TO ROUTE 0900 (VISITOR CENTER EAST PARKING LOT)		YES	7.04	0.00	7.04	1		AS	1,2
0200	6	1	15459		AMPHITHEATER ROAD	FROM ROUTE 0010ZZ (WALNUT CANYON ENTRANCE ROADS) AT MP 6.09 ON LEFT	TO INTERSECTION OF ROUTE 0010ZZ (WALNUT CANYON ENTRANCE ROADS) AT MP 6.39 ON LEFT AND ROUTE 0500 (SCENIC LOOP ROAD)		YES	0.73	0.00	0.73	3		AS	1
0201	NC		15525		RATTLESNAKE CANYON ROAD	FROM PARK BOUNDARY	TO END		NO	0.00	0.84	0.84	4		GR	
0202	NC		15486		SLAUGHTER CANYON ENTRANCE ROAD	FROM PARK BOUNDARY	TO END		NO	0.00	1.22	1.22	4		GR	
0203	NC		15042		PR 203 YUCCA CANYON ROAD	FROM PR 202	TO PARKING		NO	0.00	2.00	2.00	4		GR	
0401	NC		15585		LAGOON / WATER PLANT ROAD	FROM PARK BOUNDARY	TO END		NO	0.00	2.91	2.91	6		GR	
0402	6	1	91828		PERMIAN DRIVE	FROM ROUTE 0200 (AMPHITHEATER ROAD) AT MP 0.15 ON RIGHT	TO END		YES	0.13	0.00	0.13	5		AS	1
0403	NC		91654		GUADALUPE RIDGE ROAD	FROM ROUTE 0500 (SCENIC LOOP ROAD)	TO END		NO	0.00	2.00	2.00	6		GR	
0404	NC		91659		XCELL SUBSTATION ROAD	FROM ROUTE 0010ZZ (WALNUT CANYON ENTRANCE ROADS) AT MP 6.78 ON RIGHT	TO END		NO	0.00	0.21	0.21	6		GR	
0405	NC		15652		BONEYARD ACCESS ROAD (QUARRY ROAD)	FROM ROUTE 0010ZZ (WALNUT CANYON ENTRANCE ROADS) AT MP 5.32 ON LEFT	TO END		NO	0.00	0.33	0.33	6		GR	

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CAVE Carlsbad Caverns National Park

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Route No.	Cycle Collected	Iteration Collected	FMSS Number	Concession	Route Name	Route Description		Maintenance District	FLTP	Paved Miles	Unpaved Miles	Total Mileage	Functional Class	Area (SQ FT)	Surf. Type	Area Map
						From	To									
0406	NC		91661		BAT GUANO ROAD	FROM ROUTE 0903 (AMPHITHEATER HANDICAPPED PARKING)	TO END		NO	0.00	0.25	0.25	6		GR	
0407	NC		91662		RATTLESNAKE SPRINGS ROAD	FROM U.S. HIGHWAY 62/180	TO END		NO	0.00	0.85	0.85	6		GR	
0500	NC		15045		SCENIC LOOP ROAD	FROM ROUTE 0010ZZ (WALNUT CANYON ENTRANCE ROADS) AT MP 4.73 ON RIGHT	TO ROUTE 0010ZZ (WALNUT CANYON ENTRANCE ROADS) AT MP 6.40 ON RIGHT		NO	0.00	9.59	9.59	3		GR	

PARKING AREA INVENTORY (1300 SERIES FMSS LOCATIONS)

Route No.	Cycle Collected	Iteration Collected	FMSS Number	Concession	Route Name	Route Description		Maintenance District	FLTP	Access Level	Area (SQ FT)	Surf. Type	Area Map
						From	To						
0900	6	1	15524		VISITOR CENTER EAST PARKING LOT	FROM END OF ROUTE 0010ZZ (WALNUT CANYON ENTRANCE ROADS)	TO PARKING		YES	PUBLIC	151,031	AS	1
0901	6	1	15550		VISITOR CENTER WEST PARKING LOT	FROM ROUTE 0010ZZ (WALNUT CANYON ENTRANCE ROADS) AT MP 6.76 ON LEFT	TO ROUTE 0902 (VISITOR CENTER EMPLOYEE PARKING)		YES	PUBLIC	133,635	AS	1
0902	6	1	91860		VISITOR CENTER EMPLOYEE PARKING	FROM ROUTE 0901 (VISITOR CENTER WEST PARKING LOT)	TO PARKING		NO	NONPUBLIC	9,870	AS	1
0903	6	1	91862		AMPHITHEATER HANDICAPPED PARKING	FROM ROUTE 0200 (AMPHITHEATER ROAD) AT MP 0.55 ON LEFT	TO PARKING		YES	PUBLIC	17,417	AS	1
0904	6	1	91663		MAINTENANCE AREA	FROM ROUTE 0200 (AMPHITHEATER ROAD) AT MP 0.18 ON RIGHT	TO ROUTE 0911 (REAR ADMINISTRATIVE PARKING)		NO	NONPUBLIC	22,752	AS	1
0905	6	1	91707		MAINTENANCE PARKING AREA	FROM ROUTE 0907 (BONEYARD PARKING AREA)	TO PARKING		NO	NONPUBLIC	5,886	CO	1
0906	NC		91708		FRONT MAINTENANCE PARKING	FROM ROUTE 0200 (AMPHITHEATER ROAD) AT MP 0.16 ON RIGHT	TO ROUTE 0200 (AMPHITHEATER ROAD) AT MP 0.19 ON RIGHT		NO	NONPUBLIC	3,000	GR	

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Route No.	Cycle Collected	Iteration Collected	FMSS Number	Concession	Route Description		Maintenance District	FLTP	Access Level	Area (SQ FT)	Surf. Type	Area Map	
					Route Name	From							To
0907	NC		91800		BONEYARD PARKING AREA	FROM ROUTE 0200 (AMPHITHEATER ROAD) AT MP 0.27 ON LEFT	TO ROUTE 0905 (MAINTENANCE PARKING AREA)		NO	PUBLIC	7,000	GR	
0908	6	1	91809		LAW ENFORCEMENT PARKING	ADJACENT TO ROUTE 0200 (AMPHITHEATER ROAD) AT MP 0.46 ON LEFT			NO	NONPUBLIC	638	AS	1
0909	6	1	91811		ADMIN EMPLOYEE PARKING	ADJACENT TO ROUTE 0200 (AMPHITHEATER ROAD) AT MP 0.47 ON RIGHT			NO	NONPUBLIC	2,010	AS	1
0910	6	1	91818		EAST SIXPLEX AREA	FROM ROUTE 0402 (PERMIAN DRIVE) AT MP 0.08 ON RIGHT	TO PARKING		NO	NONPUBLIC	5,919	AS	1
0911	6	1	91821		REAR ADMINISTRATIVE PARKING	FROM ROUTE 0402 (PERMIAN DRIVE) AT MP 0.05 ON LEFT	TO ROUTE 0912 (UNPAVED ADMINISTRATIVE PARKING A) AND ROUTE 0913 (UNPAVED ADMINISTRATIVE PARKING B)		NO	NONPUBLIC	6,823	AS	1
0912	NC		91822		UNPAVED ADMINISTRATIVE PARKING A	FROM ROUTE 0911 (REAR ADMINISTRATIVE PARKING)	TO PARKING		NO	NONPUBLIC	6,755	GR	
0913	NC		91824		UNPAVED ADMINISTRATIVE PARKING B	FROM ROUTE 0911 (REAR ADMINISTRATIVE PARKING)	TO PARKING		NO	NONPUBLIC	1,500	GR	
0914	6	1	91825		INDIAN ROCK SHELTER PARKING	FROM ROUTE 0010ZZ (WALNUT CANYON ENTRANCE ROADS) AT MP 3.47 ON LEFT	FROM ROUTE 0010ZZ (WALNUT CANYON ENTRANCE ROADS) AT MP 3.50 ON LEFT		YES	PUBLIC	12,483	AS	2
0915	6	1	91826		PICNIC PARKING	ADJACENT TO ROUTE 0010ZZ (WALNUT CANYON ENTRANCE ROADS) AT MP 1.80 ON RIGHT			YES	PUBLIC	3,162	AS	2
0916	6	1	238731		PERMIAN DRIVE HOUSING OVERFLOW PARKING	FROM ROUTE 0402 (PERMIAN DRIVE) AT MP 0.13 ON RIGHT	TO PARKING		NO	NONPUBLIC	2,379	AS	1
0917	6	1			WALNUT CANYON VISTA TRAIL EXHIBIT PARKING	ADJACENT TO ROUTE 0010ZZ (WALNUT CANYON ENTRANCE ROADS) AT MP 5.47 ON RIGHT			YES	PUBLIC	4,069	AS	1

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Cycle 6 Summary Totals for Carlsbad Caverns National Park

Cycle 6 Route Totals

	NPS Maintained	Concessionaire Maintained	Park Totals
Paved Roads, Data Collection Vehicle Rated (Miles)	7.90	0	7.90
Paved Roads, Manually Rated Length (Miles)	0	0	0
Paved Roads, Manually Rated Area (Sq. Ft.)	0	0	0
Unpaved Roads (Miles)	20.20	0	20.20
Paved Parking (Sq. Ft.)	378,074	0	378,074
Unpaved Parking (Sq. Ft.)	18,255	0	18,255

Cycle 6 Lane Miles and Overall Pavement Condition

	Lanes Miles*	Pavement Condition Rating**
Data Collection Vehicle Routes	17.46	99
Manually Rated Roads	0	N/A
Parking Areas	6.51	90

* 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 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
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.

NPS / RIP Subcomponent Details for CAVE

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SUMMARY ROUTE INVENTORY FOR ROADS (1100 SERIES FMSS LOCATIONS)

Route Number	FMSS Number	Cycle Collected	Iteration Collected	Concession	Route Name	Route Description		FLTP	Paved Miles	Unpaved Miles	Total Mileage	Functional Class	Area (SQ FT)
						From	To						
0010ZZ	15458	6	1		WALNUT CANYON ENTRANCE ROADS	FROM STATE HIGHWAY 7 (CARLSBAD CAVERN HIGHWAY / NON NPS) NEAR EAST PARK BOUNDARY	TO ROUTE 0900 (VISITOR CENTER EAST PARKING LOT)	YES	7.04	0.00	7.04	1	

CAVE-0010ZZ Subcomponent Breakdown

Route Number	FMSS Number	Cycle Collected	Iteration Collected	Concession	Route Name	Route Description		FLTP	Paved Miles	Unpaved Miles	Total Mileage	Functional Class	Area (SQ FT)
						From	To						
0010AZ	15458	6	1		WALNUT CANYON ENTRANCE ROAD	FROM STATE HIGHWAY 7 (CARLSBAD CAVERN HIGHWAY / NON NPS) NEAR EAST PARK BOUNDARY	TO ROUTE 0900 (VISITOR CENTER EAST PARKING LOT)	YES	6.98	0.00	6.98	1	
0010BZ	15458	6	1		VC TURN AROUND	FROM ROUTE 0010AZ (WALNUT CANYON ENTRANCE ROAD) AT MP 6.93 ON LEFT	TO ROUTE 0010AZ (WALNUT CANYON ENTRANCE ROAD) AT MP 6.96 ON LEFT	YES	0.06	0.00	0.06	1	