

Cycle 6 NPS / RIP Route ID Report

(Numerical By Summary Route and Subcomponent #)



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White = Paved Routes, DCV Driven

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LAVE Lava Beds National Monument

ROAD INVENTORY (1100 SERIES FMSS LOCATIONS)

Route No.	Cycle Collected	Iteration Collected	FMSS Number	Concession	Route Name	Route Description		Maintenance District	Paved Miles	Unpaved Miles	Total Mileage	Functional Class	Area (SQ FT)	Surf. Type	Area Map
						From	To								
0010	6	1	71914		MAIN PARK ROAD	FROM END OF ROUTE 5010 (FOREST ROUTE 10) AT SOUTHEAST MONUMENT BOUNDARY	TO NORTHEAST MONUMENT BOUNDARY		20.25	0.00	20.25	1		AS	1,2,3,4
0200	6	1	71917		EAST WILDLIFE OVERLOOK ROAD	FROM ROUTE 0010 (MAIN PARK ROAD)	TO END OF LOOP		0.36	0.00	0.36	2		AS	4
0201	6	1	71946		WEST WILDLIFE OVERLOOK ROAD	FROM ROUTE 0010 (MAIN PARK ROAD)	TO END OF LOOP		0.30	0.00	0.30	2		AS	4
0205	6	1	71950		FLEENER CHIMNEYS ROAD	FROM ROUTE 0010 (MAIN PARK ROAD)	TO END		0.06	0.71	0.77	2		AS	3
0206	6	1	71969		SCHONCHIN BUTTE LOOKOUT ROAD	FROM ROUTE 0010 (MAIN PARK ROAD)	TO END		0.04	0.94	0.98	2		AS	2
0207	6	1	72009		MERRIL ICE CAVE ROAD	FROM ROUTE 0010 (MAIN PARK ROAD)	TO ROUTE 0905 (MERRIL ICE CAVE PARKING)		0.89	0.00	0.89	2		AS	2
0208	6	1	72010		SKULL CAVE ROAD	FROM ROUTE 0010 (MAIN PARK ROAD)	TO ROUTE 0906 (SKULL CAVE PARKING)		1.10	0.00	1.10	2		AS	2
0209	6	1	72012		VALENTINE CAVE ROAD	FROM ROUTE 0010 (MAIN PARK ROAD)	TO ROUTE 0907 (VALENTINE CAVE PARKING)		0.21	0.00	0.21	2		AS	1
0210	6	1	72014		CAVE LOOP ROAD	FROM ROUTE 0010 (MAIN PARK ROAD)	TO END OF LOOP		1.96	0.00	1.96	2		AS	2
0211	6	1	72016		CAMPGROUND ROAD	FROM ROUTE 0010 (MAIN PARK ROAD)	TO ROUTE 0214A (CAMPGROUND LOOP A)		0.43	0.00	0.43	2		AS	2
0212	NC		72026		MEDICINE LAKE ROAD	FROM ROUTE 0010 (MAIN PARK ROAD) AT MP 4.89 (ON LEFT)	TO MONUMENT BOUNDARY		0.00	2.60	2.60	2		GR	
0213	6	1	72029		HILL ROAD-NORTH ENTRANCE ROAD	FROM ROUTE 0010 (MAIN PARK ROAD)	TO MONUMENT BOUNDARY		0.70	0.00	0.70	2		AS	3
0214A	6	1	81426		CAMPGROUND LOOP A	FROM ROUTE 0214BZ (CAMPGROUND LOOP B)	TO END OF LOOP		0.23	0.00	0.23	3		AS	2

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LABA Lava Beds National Monument

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						From	To								
0214BZZ	6	1	81427		CAMPGROUND LOOPS	FROM ROUTE 0211 (CAMPGROUND ROAD)	THROUGH LOOP B ROADS		0.49	0.00	0.49	3		AS	2
0215	NC		116054		LYONS ROAD SECTION 2	FROM ROUTE 0010 (MAIN PARK ROAD) AT MP 18.2 (ON RIGHT)	TO END		0.00	0.04	0.04	2		GR	
0400	6	1	74357		RESIDENCE SPUR	FROM ROUTE 0010 (MAIN PARK ROAD)	TO END OF LOOP		0.34	0.00	0.34	5		AS	2
0401	6	1	72035		MAINTENANCE SPUR	FROM ROUTE 0400 (RESIDENCE SPUR)	TO ROUTE 0909 (ADMINISTRATIVE MAINTENANCE PARKING)		0.06	0.00	0.06	5		AS	2
0402	6	1	94981		CAMPGROUND SERVICE ROAD	FROM ROUTE 0211 (CAMPGROUND ROAD)	TO SERVICE AREA		0.07	0.12	0.19	5		AS	2
0403	6	1	88904		GOLD DIGGERS PASS ROAD	FROM ROUTE 0010 (MAIN PARK ROAD)	TO WILLOW CREEK ROAD AT PARK BOUNDARY		0.06	0.00	0.06	4		AS	3
0405	6	1	72038		CRESCENT PIT ROAD	FROM ROUTE 0010 (MAIN PARK ROAD)	TO ROUTE 0908 (CRESCENT PIT PARKING)		0.12	0.00	0.12	5		AS	2

NON-NPS ROADS INVENTORY

Route No.	Cycle Collected	Iteration Collected	FMSS Number	Concession	Route Name	Route Description		Maintenance District	Paved Miles	Unpaved Miles	Total Mileage	Functional Class	Area (SQ FT)	Surf. Type	Area Map
						From	To								
5010	5	1			FOREST ROUTE 10	FROM COUNTY ROAD 97	TO BEGINNING OF ROUTE 0010 (MAIN PARK ROAD) AT SOUTHEAST MONUMENT BOUNDARY		9.85	0.00	9.85			AS	1,KEY

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LAVE Lava Beds National Monument

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	72531		EAST WILDLIFE OVERLOOK PARKING AREAS	ADJACENT TO ROUTE 0200 (EAST WILDLIFE OVERLOOK ROAD) ON LEFT AND RIGHT			PUBLIC	6,920	AS	4
0901	6	1	72526		WEST WILDLIFE OVERLOOK PARKING	ADJACENT TO ROUTE 0201 (WEST WILDLIFE OVERLOOK ROAD)			PUBLIC	6,832	AS	4
0902	6	1	72498		CAPTAIN JACK'S STRONGHOLD PARKING	FROM ROUTE 0010 (MAIN PARK ROAD)	TO ROUTE 0010 (MAIN PARK ROAD)		PUBLIC	31,139	AS	4
0903	6	1	72522		CANBYS CROSS PARKING	FROM ROUTE 0010 (MAIN PARK ROAD)	TO ROUTE 0010 (MAIN PARK ROAD)		PUBLIC	16,349	AS	3
0904	6	1	72520		GILLEMS CAMP PARKING	FROM ROUTE 0010 (MAIN PARK ROAD)	TO ROUTE 0010 (MAIN PARK ROAD)		PUBLIC	21,198	AS	3
0905	6	1	72519		MERRIL ICE CAVE PARKING	FROM END OF ROUTE 0207 (MERRIL ICE CAVE ROAD)	TO PARKING		PUBLIC	7,044	AS	2
0906	6	1	72518		SKULL CAVE PARKING	FROM END OF ROUTE 0208 (SKULL CAVE ROAD)	TO PARKING		PUBLIC	5,391	AS	2
0907	6	1	72517		VALENTINE CAVE PARKING	FROM END OF ROUTE 0209 (VALENTINE CAVE ROAD)	TO PARKING		PUBLIC	15,482	AS	1
0908	NC				CRESCENT PIT PARKING	FROM END OF ROUTE 0405 (CRESCENT PIT ROAD)	TO PARKING		NONPUBLIC	51,261	GR	
0909	6	1	72515		ADMINISTRATIVE MAINTENANCE PARKING	FROM END OF ROUTE 0401 (MAINTENANCE SPUR)	TO PARKING		NONPUBLIC	52,408	AS	2
0910	6	1	74358		APARTMENT PARKING	ADJACENT TO ROUTE 0400 (RESIDENCE SPUR)			NONPUBLIC	2,895	AS	2
0911	6	1	102396		INDIAN WELL CAVE PARKING	ADJACENT TO ROUTE 0010 (MAIN PARK ROAD)			PUBLIC	4,653	AS	2
0912	6	1	72657		VISITOR CENTER PARKING	FROM ROUTE 0210 (CAVE LOOP ROAD)	TO PARKING		PUBLIC	47,056	AS	2
0913	6	1	72503		BUNCHGRASS TRAIL SCENIC OVERLOOK PARKING	FROM ROUTE 0010 (MAIN PARK ROAD)	TO ROUTE 0010 (MAIN PARK ROAD)		PUBLIC	5,592	AS	2

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LAVE Lava Beds National Monument

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					
0914	6	1	72500		BALCONY/BOULEVARD CAVE PARKING	FROM ROUTE 0010 (MAIN PARK ROAD)	TO ROUTE 0010 (MAIN PARK ROAD)		PUBLIC	7,352	AS	2
0915	6	1	72497		BLACK CRATER/THOMAS WRIGHT BATTLEFIELD PARKING	FROM ROUTE 0010 (MAIN PARK ROAD)	TO ROUTE 0010 (MAIN PARK ROAD)		PUBLIC	7,392	AS	3
0916	6	1	72492		DEVILS HOMESTEAD OVERLOOK PARKING	FROM ROUTE 0010 (MAIN PARK ROAD)	TO ROUTE 0010 (MAIN PARK ROAD)		PUBLIC	18,742	AS	3
0917	6	1	72490		HOSPITAL ROCK PARKING	FROM ROUTE 0010 (MAIN PARK ROAD)	TO ROUTE 0010 (MAIN PARK ROAD)		PUBLIC	16,210	AS	4
0918	6	1	72489		SYMBOL BRIDGE TRAIL PARKING	ADJACENT TO ROUTE 0208 (SKULL CAVE ROAD)			PUBLIC	1,598	AS	2
0920	NC				LYONS ROAD SECTION 2 PARKING	ADJACENT TO ROUTE 0215 (LYONS ROAD SECTION 2)			PUBLIC	6,700	GR	

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Cycle 6 Summary Totals for Lava Beds National Monument

Cycle 6 Route Totals			
	NPS Maintained	Concessionaire Maintained	Park Totals
Paved Roads, Data Collection Vehicle Rated (Miles)	27.67	0	27.67
Paved Roads, Manually Rated Length (Miles)	0	0	0
Paved Roads, Manually Rated Area (Sq. Ft.)	0	0	0
Unpaved Roads (Miles)	4.40	0	4.40
Paved Parking (Sq. Ft.)	274,253	0	274,253
Unpaved Parking (Sq. Ft.)	57,961	0	57,961

Cycle 6 Lane Miles and Overall Pavement Condition		
	Lanes Miles*	Pavement Condition Rating**
Data Collection Vehicle Routes	58.72	82
Manually Rated Roads	0	N/A
Parking Areas	4.72	58

* 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.

NPS / RIP Subcomponent Details for LABE

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LABE Lava Beds National Monument

SUMMARY ROUTE INVENTORY FOR ROADS (1100 SERIES FMSS LOCATIONS)

Route Number	FMSS Number	Cycle Collected	Iteration Collected	Concession	Route Name	Route Description		Paved Miles	Unpaved Miles	Total Mileage	Functional Class	Area (SQ FT)
						From	To					
0214BZZ	81427	6	1		CAMPGROUND LOOPS	FROM ROUTE 0211 (CAMPGROUND ROAD)	THROUGH LOOP B ROADS	0.49	0.00	0.49	3	

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	72531	6	1		EAST WILDLIFE OVERLOOK PARKING AREAS	ADJACENT TO ROUTE 0200 (EAST WILDLIFE OVERLOOK ROAD) ON LEFT AND RIGHT		PUBLIC	6,920

LABE-0214BZZ Subcomponent Breakdown

Route Number	FMSS Number	Cycle Collected	Iteration Collected	Concession	Route Name	Route Description		Paved Miles	Unpaved Miles	Total Mileage	Functional Class	Area (SQ FT)
						From	To					
0214BAZ	81427	6	1		CAMPGROUND LOOP B ROAD A	FROM ROUTE 0214BZ (CAMPGROUND LOOP B)	TO ROUTE 0214BZ (CAMPGROUND LOOP B)	0.08	0.00	0.08	3	
0214BBZ	81427	6	1		CAMPGROUND LOOP B ROAD B	FROM ROUTE 0214BZ (CAMPGROUND LOOP B)	TO ROUTE 0214BZ (CAMPGROUND LOOP B)	0.04	0.00	0.04	3	
0214BZ	81427	6	1		CAMPGROUND LOOP B	FROM ROUTE 0211 (CAMPGROUND ROAD)	TO END OF LOOP	0.37	0.00	0.37	3	

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LABE-0900ZZ Subcomponent Breakdown

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						From	To		
0900AZ	72531	6	1		EAST WILDLIFE OVERLOOK PARKING A	ADJACENT TO ROUTE 0200 (EAST WILDLIFE OVERLOOK ROAD) ON RIGHT		PUBLIC	5,123
0900BZ	72531	6	1		EAST WILDLIFE OVERLOOK PARKING B	ADJACENT TO ROUTE 0200 (EAST WILDLIFE OVERLOOK ROAD) ON LEFT		PUBLIC	1,797