

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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MORU Mount Rushmore National Memorial

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									
0200ZZ	6	1	61419	■	FEE PARKING LOOP ROADS	FROM ROUTE 5000 (STATE HIGHWAY 244 (PETER NORBECK SCENIC BYWAY)) AT MP 2.02 ON RIGHT	TO ROUTE 5000 (STATE HIGHWAY 244 (PETER NORBECK SCENIC BYWAY)) AT MP 2.05 ON RIGHT		YES	1.00	0.00	1.00	3		AS	1
0401	6	1	61441		AMPHITHEATER ACCESS ROAD	FROM ROUTE 0909 (MAINTENANCE ACCESS PARKING)	TO DEAD END		NO	0.12	0.00	0.12	6		AS	1
0402	NC		88775		BURN PIT ROAD	FROM ROUTE 5000 (STATE HIGHWAY 244 (PETER NORBECK SCENIC BYWAY))	TO END		NO	0.00	0.08	0.08	6		GR	
0403	6	1	61412		WASTEWATER PLANT ACCESS ROAD	FROM ROUTE 0906 (DORMITORY PARKING)	TO END		NO	0.27	0.00	0.27	6		AS	1
0404	NC		61413		WATER PLANT ACCESS ROAD	FROM ROUTE 0407 (CONCESSION DORMITORY ROAD)	TO WATER PLANT FACILITY		NO	0.00	0.30	0.30	6		GR	
0405	6	1	61430		DOANE MOUNTAIN ROAD	FROM ROUTE 5000 (STATE HIGHWAY 244 (PETER NORBECK SCENIC BYWAY))	TO DEAD END		NO	0.19	0.00	0.19	6		AS	1
0407	6	1	88829		CONCESSION DORMITORY ROAD	FROM ROUTE 5000 (STATE HIGHWAY 244 (PETER NORBECK SCENIC BYWAY))	TO ROUTE 0906 (DORMITORY PARKING)		NO	0.19	0.00	0.19	6		AS	1
0408	NC		88786		MUSEUM STORAGE ROAD	FROM ROUTE 0403 (WASTEWATER PLANT ACCESS ROAD)	TO END		NO	0.00	0.01	0.01	6		GR	

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NON-NPS ROADS INVENTORY

Route No.	Cycle Collected	Iteration Collected	FMSS Number	Concession	Route Description		Maintenance District	FLTP	Paved Miles	Unpaved Miles	Total Mileage	Functional Class	Area (SQ FT)	Surf. Type	Area Map
					From	To									
5000	5	1	61454		STATE HIGHWAY 244 (PETER NORBECK SCENIC BYWAY)	FROM EAST PARK BOUNDARY TO WEST PARK BOUNDARY		NO	3.56	0.00	3.56			AS	Key, 1

PARKING AREA INVENTORY (1300 SERIES FMSS LOCATIONS)

Route No.	Cycle Collected	Iteration Collected	FMSS Number	Concession	Route Description		Maintenance District	FLTP	Access Level	Area (SQ FT)	Surf. Type	Area Map		
					From	To								
0900	6	1	88787		HEADQUARTERS BUILDING PARKING	FROM ROUTE 0901 (CONCESSION OPERATOR PARKING)		TO PARKING			14,455	AS	1	
0901	6	1	88788	■	CONCESSION OPERATOR PARKING	FROM ROUTE 5000 (STATE HIGHWAY 244 (PETER NORBECK SCENIC BYWAY))		TO ROUTE 0900 (HEADQUARTERS BUILDING PARKING)		NO	NONPUBLIC	10,457	AS	1
0902	6	1	87059		LOT 7 PARKING	FROM ROUTE 5000 (STATE HIGHWAY 244 (PETER NORBECK SCENIC BYWAY)) AT MP 1.75 ON LEFT		TO PARKING		NO	NONPUBLIC	10,672	CO	1
0903	NC		61457		LOT 6 PARKING	FROM ROUTE 5000 (STATE HIGHWAY 244 (PETER NORBECK SCENIC BYWAY)) AT MP 1.75 ON LEFT		TO PARKING		NO	NONPUBLIC	1,009	GR	
0905	6	1	88789		DORMITORY OVERFLOW PARKING	FROM ROUTE 0407 (CONCESSION DORMITORY ROAD)		TO ROUTE 0407 (CONCESSION DORMITORY ROAD)		NO	NONPUBLIC	13,599	AS	1
0906	6	1	88790		DORMITORY PARKING	FROM END OF ROUTE 0407 (CONCESSION DORMITORY ROAD)		TO ROUTE 0403 (WASTEWATER PLANT ACCESS ROAD)		NO	NONPUBLIC	28,887	AS	1
0907	6	1	88791		WASTEWATER PLANT PARKING	FROM ROUTE 0403 (WASTEWATER PLANT ACCESS ROAD)		TO PARKING		NO	NONPUBLIC	9,206	AS	1
0908	6	1	88800		STUDIO LOT ACCESS PARKING	FROM ROUTE 5000 (STATE HIGHWAY 244 (PETER NORBECK SCENIC BYWAY))		TO ROUTE 0909 (MAINTENANCE ACCESS PARKING)		NO	NONPUBLIC	33,637	AS	1
0909	6	1	88801		MAINTENANCE ACCESS PARKING	FROM ROUTE 0908 (STUDIO LOT ACCESS PARKING)		TO ROUTE 0401 (AMPHITHEATER ACCESS ROAD)		NO	NONPUBLIC	9,051	AS	1

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MORU Mount Rushmore National Memorial

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						
0910	6	1			CLIFFSIDE PARKING	ADJACENT TO ROUTE 5000 (STATE HIGHWAY 244 (PETER NORBECK SCENIC BYWAY))			NO	NONPUBLIC	2,367	AS	1
0911	6	1			DOANE MOUNTAIN PARKING	ADJACENT TO ROUTE 0405 (DOANE MOUNTAIN ROAD) ON LEFT			NO	NONPUBLIC	3,128	AS	1
0912ZZ	6	1			COMMERCIAL BUS PARKING AREAS	ADJACENT TO ROUTE 0200ZZ (FEE PARKING LOOP ROADS)			YES	PUBLIC	22,916	AS	1

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Cycle 6 Summary Totals for Mount Rushmore National Memorial

Cycle 6 Route Totals			
	NPS Maintained	Concessionaire Maintained	Park Totals
Paved Roads, Data Collection Vehicle Rated (Miles)	0.49	1.00	1.49
Paved Roads, Manually Rated Length (Miles)	0.27	0	0.27
Paved Roads, Manually Rated Area (Sq. Ft.)	0	0	0
Unpaved Roads (Miles)	0.39	0	0.39
Paved Parking (Sq. Ft.)	147,918	10,457	158,375
Unpaved Parking (Sq. Ft.)	1,009	0	1,009

Cycle 6 Lane Miles and Overall Pavement Condition		
	Lanes Miles*	Pavement Condition Rating**
Data Collection Vehicle Routes	2.07	94
Manually Rated Roads	0.26	90
Parking Areas	2.73	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 MORU

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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						
0200ZZ	61419	6	1	■	FEE PARKING LOOP ROADS	FROM ROUTE 5000 (STATE HIGHWAY 244 (PETER NORBECK SCENIC BYWAY)) AT MP 2.02 ON RIGHT	TO ROUTE 5000 (STATE HIGHWAY 244 (PETER NORBECK SCENIC BYWAY)) AT MP 2.05 ON RIGHT	YES	1.00	0.00	1.00	3	

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

Route Number	FMSS Number	Cycle Collected	Iteration Collected	Concession	Route Name	Route Description		FLTP	User Access	Area (SQ FT)
						From	To			
0912ZZ		6	1		COMMERCIAL BUS PARKING AREAS	ADJACENT TO ROUTE 0200ZZ (FEE PARKING LOOP ROADS)		YES	PUBLIC	22,916

MORU-0200ZZ 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						
0200AZ	61419	6	1	■	OUTER LOOP ROAD	FROM ROUTE 5000 (STATE HIGHWAY 244 (PETER NORBECK SCENIC BYWAY)) AT MP 2.02 ON RIGHT	TO ROUTE 5000 (STATE HIGHWAY 244 (PETER NORBECK SCENIC BYWAY)) AT MP 2.05 ON RIGHT	YES	0.52	0.00	0.52	3	
0200BZ	61419	6	1	■	INNER LOOP ROAD	FROM ROUTE 5000 (STATE HIGHWAY 244 (PETER NORBECK SCENIC BYWAY)) AT MP 2.03 ON RIGHT	TO ROUTE 5000 (STATE HIGHWAY 244 (PETER NORBECK SCENIC BYWAY)) AT MP 2.04 ON RIGHT	YES	0.49	0.00	0.49	3	

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MORU-0912ZZ Subcomponent Breakdown

Route Number	FMSS Number	Cycle Collected	Iteration Collected	Concession	Route Name	Route Description		FLTP	User Access	Area (SQ FT)
						From	To			
0912AZ		6	1		COMMERCIAL BUS PARKING A	ADJACENT TO ROUTE 0200AZ (OUTER LOOP ROAD) ON RIGHT		YES	PUBLIC	5,724
0912BZ		6	1		COMMERCIAL BUS PARKING B	ADJACENT TO ROUTE 0200AZ (OUTER LOOP ROAD) ON LEFT		YES	PUBLIC	2,166
0912CZ		6	1		COMMERCIAL BUS PARKING C	ADJACENT TO ROUTE 0200AZ (OUTER LOOP ROAD) ON RIGHT		YES	PUBLIC	4,890
0912DZ		6	1		COMMERCIAL BUS PARKING D	ADJACENT TO ROUTE 0200AZ (OUTER LOOP ROAD) ON RIGHT		YES	PUBLIC	6,042
0912EZ		6	1		COMMERCIAL BUS PARKING E	ADJACENT TO ROUTE 0200BZ (INNER LOOP ROAD) ON RIGHT		YES	PUBLIC	2,380
0912FZ		6	1		COMMERCIAL BUS PARKING F	ADJACENT TO ROUTE 0200AZ (OUTER LOOP ROAD) ON LEFT		YES	PUBLIC	1,714