Cycle 5 NPS/RIP Route ID Report

Road Inventory Program 05/18/2012

(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

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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).

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NC - Not Collected

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FORT UNION TRADING POST NATIONAL HISTORIC SITE

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
0010	5	11674		FORT UNION ACCESS ROAD	FROM ROUTE 5000 (MONTANA HIGHWAY 327/NORTH DAKOTA HIGHWAY 1804)	TO ROUTE 0901 (BUS/HANDICAP PARKING)	N/A	0.30	0.00	0.30	1	0	AS	1
0200	NC	233635		FORT BENTON ROAD	FROM ROUTE 0010 (FORT UNION ACCESS ROAD)	TO END	N/A	0.00	0.27	0.27	3	0	GR	
0201	NC	233636		COUNTY ROAD (ROOSEVELT/KELLY STREET)	FROM ROUTE 5000 (MONTANA HIGHWAY 327/NORTH DAKOTA HIGHWAY 1804)	TO ROUTE 0905 (BODMER PARKING)	N/A	0.00	0.34	0.34	4	0	GR	
0400	5	11673		FORT UNION MAINTENANCE/HOU SING SERVICE ROAD	FROM ROUTE 5000 (MONTANA HIGHWAY 327/NORTH DAKOTA HIGHWAY 1804)	TO ROUTE 0903 (MAINTENANCE PARKING)	N/A	0.35	0.00	0.35	5	0	AS	1
0900	5	16573		VISITOR CENTER PARKING	FROM ROUTE 0010 (FORT UNION ACCESS ROAD)	TO ROUTE 0010 (FORT UNION ACCESS ROAD)	N/A	0.00	0.00	0.00		36,496	AS	1
0901	5	16575		BUS/HANDICAP PARKING	FROM END OF ROUTE 0010 (FORT UNION ACCESS ROAD)	TO PARKING	N/A	0.00	0.00	0.00		12,156	AS	1
0903	5	59474		MAINTENANCE PARKING	FROM END OF ROUTE 0400 (FORT UNION MAINTENANCE/HOUSIN G SERVICE ROAD)	TO PARKING	N/A	0.00	0.00	0.00		12,583	AS	1
0905	NC	233643		BODMER PARKING	FROM ROUTE 0201 (COUNTY ROAD (ROOSEVELT/KELLY STREET))	TO PARKING	N/A	0.00	0.00	0.00		4,000	GR	
5000	5			MONTANA HIGHWAY 327/NORTH DAKOTA HIGHWAY 1804	FROM WEST PARK BOUNDARY	TO EAST PARK BOUNDARY	N/A	1.06	0.00	1.06		0	AS	1

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CYCLE 5 SUMMARY TOTALS FOR FORT UNION TRADING POST NATIONAL HISTORIC SITE

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CYCLE 5 ROUTE TOTALS		CYCLE 5 CONCESSION TOTALS					
DCV Driven Route Miles	0.66	Concession Paved Route Miles	0.00				
Manually Rated Route Miles	0.00	Concession Unpaved Route Miles	0.00				
TOTAL PARK ROUTE MILES COLLECTED IN CYCLE 5	0.66	TOTAL CONCESSION ROUTE MILES	0.00				
Manually Rated Routes (SQFT)	0	Concession Paved Parking Area SQFT	0				
TOTAL UNPAVED PARK ROUTE MILES	0.61	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 VALUES					
Paved Parking (SQFT)	61,235	DCV Driven PCR	83				
Unpaved Parking (SQFT)	4,000	**Manually Rated Routes PCR	N/A				
TOTAL PARKING (SQFT)	65,235	**Parking PCR	90				
		***Total Equivalent Lane Miles	2.27				

^{* -} The Parking Area Totals SQFT value represents all parking areas collected in Cycle 5, both park and concessionaire.

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^{** -} 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.

^{*** -} 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.

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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

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