

Cycle 5 NPS/RIP Route ID Report

Road Inventory Program 06/02/2014

(Numerical By Route #)

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Shading Color Key:

Red text denotes approx. mileage

White = Paved Routes, DCV Driven

Grey = Paved Routes, DCV not Driven

Yellow = Unpaved Routes, DCV not Driven

Black = State, Local or Private non-NPS Routes

Blue = All Paved Parking Areas

■ = Concession Route Flag ON

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

** DCV - Data Collection Vehicle

NC - Not Collected

FORA

FORT RALEIGH NATIONAL HISTORIC SITE

Rte. No.	Cycle Collected	FMSS No.	Concess Route	Route Name	Route Description From To	Maint. District	Paved Miles	Un-Paved Miles	Total Route Length	Func. Class	Manual Rated SQ/FT	Surf. Type	Area Maps
0010	5	29869		FR RD FORT RALEIGH ROAD	FROM ROUTE 5064 (U.S. HIGHWAY 64) TO END OF LOOP	FORT RALEIGH	0.50	0.00	0.50	1		AS	1
0011	5	29868		FR RD NATIONAL PARK DRIVE	FROM ROUTE 0010 (FR RD FORT RALEIGH ROAD) TO END OF LOOP	FORT RALEIGH	0.30	0.00	0.30	1		AS	1
0400	5	104977		FR RD THEATER ACCESS ROAD	FROM ROUTE 0903 (FR RD THEATER PARKING) TO BEGINNING OF ROUTE 0405 (FR RD THEATER BACKSTAGE ACCESS ROAD)	FORT RALEIGH	0.11	0.00	0.11	6		AS	1
0401	5	29866		FR RD PEAR PAD ROAD	FROM ROUTE 0011 (FR RD NATIONAL PARK DRIVE) TO END OF LOOP	FORT RALEIGH	0.55	0.00	0.55	5		AS	1
0404	5	29831		FR RD WATER TOWER ROAD	FROM ROUTE 0401 (FR RD PEAR PAD ROAD) TO END AT SHED ON LEFT	FORT RALEIGH	0.14	0.00	0.14	6		AS	1
0405	NC	104940		FR RD THEATER BACKSTAGE ACCESS ROAD	FROM END OF ROUTE 0400 (FR RD THEATER ACCESS ROAD) TO THEATER BACKSTAGE	FORT RALEIGH	0.00	0.05	0.05	6		GR	
0900ZZ	5	104946		FR RD VISITOR CENTER PARKING AREAS	FROM ROUTE 0010 (FR RD FORT RALEIGH ROAD) TO ROUTE 0010 (FR RD FORT RALEIGH ROAD)	FORT RALEIGH	0.00	0.00	0.00		21,402	AS	1
0901	5	93047		FR RD GROUP HEADQUARTERS PARKING	FROM ROUTE 0011 (FR RD NATIONAL PARK DRIVE) TO ROUTE 0011 (FR RD NATIONAL PARK DRIVE)	FORT RALEIGH	0.00	0.00	0.00		11,751	AS	1
0902	5	93046		FR RD MAINTENANCE AREA PARKING	FROM ROUTE 0401 (FR RD PEAR PAD ROAD) TO MAINTENANCE AREA	FORT RALEIGH	0.00	0.00	0.00		31,930	AS	1
0903	5	89488		FR RD THEATER PARKING	FROM ROUTE 0010 (FR RD FORT RALEIGH ROAD) TO ROUTE 0900ZZ (FR RD VISITOR CENTER PARKING AREAS)	FORT RALEIGH	0.00	0.00	0.00		191,717	AS	1
0904	5	93048		FR RD ELIZABETHAN GARDEN PARKING	ADJACENT TO ROUTE 0011 (FR RD NATIONAL PARK DRIVE)	FORT RALEIGH	0.00	0.00	0.00		16,189	AS	1
0905	5	104950		ELIZABETHAN GARDEN MAINTENANCE FACILITY	FROM ROUTE 0401 (FR RD PEAR PAD ROAD) TO MAINTENANCE FACILITY	FORT RALEIGH	0.00	0.00	0.00		1,404	AS	1
0907	NC	104741		FR RD FREEDMAN'S COLONY PARKING	FROM U.S. HIGHWAY 64 TO PARKING	FORT RALEIGH	0.00	0.00	0.00		22,500	GR	

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					From	To								
0908	5	113565		MRC PARKING LOT	FROM ROUTE 0902 (FR RD MAINTENANCE AREA PARKING)	TO PARKING	FORT RALEIGH	0.00	0.00	0.00		3,030	AS	1
5064	5			U.S. HIGHWAY 64	FROM PEARCE ROAD	TO OLD NORTH CAROLINA ROUTE 345	FORT RALEIGH	0.76	0.00	0.76			AS	1

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CYCLE 5 SUMMARY TOTALS FOR FORT RALEIGH NATIONAL HISTORIC SITE

<u>CYCLE 5 ROUTE TOTALS</u>	
DCV Driven Route Miles	1.60
Manually Rated Route Miles	0.00
TOTAL PARK ROUTE MILES COLLECTED IN CYCLE 5	1.60
Manually Rated Routes (SQFT)	0
TOTAL UNPAVED PARK ROUTE MILES	0.05

<u>CYCLE 5 CONCESSION TOTALS</u>	
Concession Paved Route Miles	0.00
Concession Unpaved Route Miles	0.00
TOTAL CONCESSION ROUTE MILES	0.00
Concession Paved Parking Area SQFT	0
Concession Unpaved Parking Area SQFT	0
TOTAL CONCESSION PARKING AREA SQFT	0
Concession Manually Rated Routes SQFT	0

<u>* CYCLE 5 PARKING AREA TOTALS</u>	
Paved Parking (SQFT)	277,423
Unpaved Parking (SQFT)	22,500
TOTAL PARKING (SQFT)	299,923

<u>CYCLE 5 WEIGHTED AVERAGE PARK VALUES</u>	
DCV Driven PCR	91
**Manually Rated Routes PCR	N/A
**Parking PCR	48
***Total Equivalent Lane Miles	7.42

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

** - 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
- Class 2** Connector Park Road (Public Roads) - Roads which provide access within a park to areas of scenic, scientific, recreational or cultural interest, such as overlooks, campgrounds, etc. Route Numbers 100-199.
- Class 3** Special Purpose Park Road (Public Roads) - 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. Route Numbers 200-299.
- Class 4** Primitive Park Roads (Public Roads) - 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. Route Numbers 200-299. Note: Functional Classes 3 and 4 have the same route numbers because, historically, they were numbered similarly.
- Class 5** Administrative Access Road (Administrative Roads) - All public roads intended for access to administrative developments or structures such as park offices, employee quarters, or utility areas. Route Numbers 400-499.
- Class 6** Restricted Road (Administrative Roads) - All roads normally closed to the public, including patrol roads, truck trails, and other similar roads. Route Numbers 400-499. 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.
- Class 7** 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 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.
- Class 8** 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 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 Locations. 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**

NPS/RIP Subcomponent Details for FORA

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0900ZZ	104946	5	FR RD VISITOR CENTER PARKING AREAS	FROM ROUTE 0010 (FR RD FORT RALEIGH ROAD)	TO ROUTE 0010 (FR RD FORT RALEIGH ROAD)			0.00	0.00	0.00	21,402

FORA-0900ZZ Subcomponent Breakdown

Rte. No.	FMSS No.	Cycle Collected	Route Name	From	To	Concess Route	Func. Class	Paved Miles	Un-Paved Miles	Total Route Length	Manual Rated SQ/FT
0900AZ	104946	5	FR RD VISITOR CENTER LOOP PARKING A	FROM ROUTE 0010 (FR RD FORT RALEIGH ROAD)	TO ROUTE 0010 (FR RD FORT RALEIGH ROAD)			0.00	0.00	0.00	9,512
0900BZ	104946	5	FR RD VISITOR CENTER LOOP PARKING B	FROM ROUTE 0010 (FR RD FORT RALEIGH ROAD)	TO ROUTE 0010 (FR RD FORT RALEIGH ROAD)			0.00	0.00	0.00	8,017
0900CZ	104946	5	FR RD VISITOR CENTER LOOP PARKING C	ADJACENT TO ROUTE 0010 (FR RD FORT RALEIGH ROAD)				0.00	0.00	0.00	3,873