

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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FORA Fort Raleigh National Historic Site

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									
0010	6	1	29869		FR RD FORT RALEIGH ROAD	FROM ROUTE 5064 (U.S. HIGHWAY 64)	TO END OF LOOP	FORT RALEIGH	YES	0.50	0.00	0.50	1		AS	1
0011	6	1	29868		FR RD NATIONAL PARK DRIVE	FROM ROUTE 0010 (FR RD FORT RALEIGH ROAD)	TO END OF LOOP	FORT RALEIGH	YES	0.30	0.00	0.30	1		AS	1
0400ZZ	6	1	104977		FR RD THEATER ACCESS ROADS	FROM ROUTE 0903 (FR RD THEATER PARKING)	TO ROUTE 0405 (FR RD THEATER BACKSTAGE ACCESS ROAD)	FORT RALEIGH	NO	0.11	0.03	0.15	6		AS	1
0401	6	1	29866		FR RD PEAR PAD ROAD	FROM ROUTE 0011 (FR RD NATIONAL PARK DRIVE)	TO END OF LOOP	FORT RALEIGH	YES	0.55	0.00	0.55	5		AS	1
0404	6	1	29831		FR RD WATER TOWER ROAD	FROM ROUTE 0401 (FR RD PEAR PAD ROAD)	TO END AT SHED ON LEFT	FORT RALEIGH	NO	0.14	0.00	0.14	6		AS	1
0405	NC		104940		FR RD THEATER BACKSTAGE ACCESS ROAD	FROM END OF ROUTE 0400AZ (FR RD THEATER ACCESS ROAD)	TO THEATER BACKSTAGE	FORT RALEIGH	NO	0.00	0.04	0.04	6		GR	1

NON-NPS ROADS INVENTORY

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									
5064	5	1			U.S. HIGHWAY 64	FROM PEARCE ROAD	TO OLD NORTH CAROLINA ROUTE 345	FORT RALEIGH	NO	0.76	0.00	0.76			AS	1

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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							
0900ZZ	6	1	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	YES	PUBLIC	21,413	AS	1
0901	6	1	93047		FR RD GROUP HEADQUARTERS PARKING	FROM ROUTE 0011 (FR RD NATIONAL PARK DRIVE)	TO ROUTE 0011 (FR RD NATIONAL PARK DRIVE)	FORT RALEIGH	NO	NONPUBLIC	11,757	AS	1
0902	6	1	93046		FR RD MAINTENANCE AREA PARKING	FROM ROUTE 0401 (FR RD PEAR PAD ROAD)	TO MAINTENANCE AREA	FORT RALEIGH	NO	NONPUBLIC	28,550	AS	1
0903	6	1	89488		FR RD THEATER PARKING	FROM ROUTE 0010 (FR RD FORT RALEIGH ROAD)	TO ROUTE 0900ZZ (FR RD VISITOR CENTER PARKING AREAS)	FORT RALEIGH	YES	PUBLIC	191,816	AS	1
0904	6	1	93048		FR RD ELIZABETHAN GARDEN PARKING	ADJACENT TO ROUTE 0011 (FR RD NATIONAL PARK DRIVE)		FORT RALEIGH	YES	PUBLIC	16,198	AS	1
0905	6	1	104950		ELIZABETHAN GARDEN MAINTENANCE FACILITY	FROM ROUTE 0401 (FR RD PEAR PAD ROAD)	TO MAINTENANCE FACILITY	FORT RALEIGH	NO	NONPUBLIC	1,405	AS	1
0907	6	1	104741		FR RD FREEDMAN'S COLONY PARKING	FROM U.S. HIGHWAY 64	TO PARKING	FORT RALEIGH	NO	PUBLIC	10,946	GR	1
0908	6	1	113565		MRC PARKING	FROM ROUTE 0902 (FR RD MAINTENANCE AREA PARKING)	TO PARKING	FORT RALEIGH	NO	NONPUBLIC	3,031	AS	1

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Cycle 6 Summary Totals for Fort Raleigh National Historic Site

Cycle 6 Route Totals			
	NPS Maintained	Concessionaire Maintained	Park Totals
Paved Roads, Data Collection Vehicle Rated (Miles)	1.60	0	1.60
Paved Roads, Manually Rated Length (Miles)	0	0	0
Paved Roads, Manually Rated Area (Sq. Ft.)	0	0	0
Unpaved Roads (Miles)	0.07	0	0.07
Paved Parking (Sq. Ft.)	274,170	0	274,170
Unpaved Parking (Sq. Ft.)	10,946	0	10,946

Cycle 6 Lane Miles and Overall Pavement Condition		
	Lanes Miles*	Pavement Condition Rating**
Data Collection Vehicle Routes	2.65	98
Manually Rated Roads	0	N/A
Parking Areas	4.72	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.

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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						
0400ZZ	104977	6	1		FR RD THEATER ACCESS ROADS	FROM ROUTE 0903 (FR RD THEATER PARKING)	TO ROUTE 0405 (FR RD THEATER BACKSTAGE ACCESS ROAD)	NO	0.11	0.03	0.15	6	

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			
0900ZZ	104946	6	1		FR RD VISITOR CENTER PARKING AREAS	FROM ROUTE 0010 (FR RD FORT RALEIGH ROAD)	TO ROUTE 0010 (FR RD FORT RALEIGH ROAD)	YES	PUBLIC	21,413

FORA-0400ZZ 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						
0400AZ	104977	6	1		FR RD THEATER ACCESS ROAD	FROM ROUTE 0903 (FR RD THEATER PARKING)	TO ROUTE 0405 (FR RD THEATER BACKSTAGE ACCESS ROAD)	NO	0.11	0.00	0.11	6	
0400BZ	104977				FR FD THEATER FIRE ACCESS LANE	FROM ROUTE 0400AZ (FR RD THEATER ACCESS ROAD)	TO ROUTE 0400BZ (FR FD THEATER FIRE ACCESS LANE)	NO	0.00	0.03	0.03	6	

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FORA-0900ZZ Subcomponent Breakdown

Route Number	FMSS Number	Cycle Collected	Iteration Collected	Concession	Route Name	Route Description		FLTP	User Access	Area (SQ FT)
						From	To			
0900AZ	104946	6	1		FR RD VISITOR CENTER LOOP PARKING A	FROM ROUTE 0010 (FR RD FORT RALEIGH ROAD)	TO ROUTE 0010 (FR RD FORT RALEIGH ROAD)	YES	PUBLIC	9,517
0900BZ	104946	6	1		FR RD VISITOR CENTER LOOP PARKING B	FROM ROUTE 0010 (FR RD FORT RALEIGH ROAD)	TO ROUTE 0010 (FR RD FORT RALEIGH ROAD)	YES	PUBLIC	8,021
0900CZ	104946	6	1		FR RD VISITOR CENTER LOOP PARKING C	ADJACENT TO ROUTE 0010 (FR RD FORT RALEIGH ROAD)		YES	PUBLIC	3,875