

Cycle 5 NPS/RIP Route ID Report

Road Inventory Program 09/16/2014

(Numerical By Route #)

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Shading Color Key:

Red text denotes approx. mileage

White = Paved Routes, DCV Driven

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** DCV - Data Collection Vehicle

NC - Not Collected

PETE

PETERSBURG NATIONAL BATTLEFIELD

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	22942		VISITOR CENTER ACCESS ROAD	FROM STATE ROUTE 36 (OAKLAWN BOULEVARD)	TO ROUTE 0904 (VISITOR CENTER PARKING)	N/A	0.39	0.00	0.39	1		AS	2
0011	5	231698		SHORT FLANK ROAD	FROM PARK BOUNDARY	TO FLANK ROAD	N/A	0.29	0.00	0.29	1		AS	4
0012	5	46005		STATE ROUTE 36 ACCESS ROAD	FROM ROUTE 0010 (VISITOR CENTER ACCESS ROAD)	TO STATE ROUTE 36 (OAKLAWN BOULEVARD)	N/A	0.16	0.00	0.16	1		AS	2
0013	5	46006		ROUTE 0010 ACCESS ROAD	FROM STATE ROUTE 36 (OAKLAWN BOULEVARD)	TO ROUTE 0010 (VISITOR CENTER ACCESS ROAD)	N/A	0.09	0.00	0.09	1		AS	2
0014	NC	231690		CRATER VISTA ACCESS ROAD	FROM ROUTE 0500 (PETERSBURG TOUR ROAD)	TO END	N/A	0.00	0.12	0.12	6		GR	
0202	NC	24529		BEACH ACCESS ROAD	FROM TOP OF BLUFF NEAR ROUTE 0900 (MAIN VISITOR PARKING)	TO WATERFRONT	N/A	0.00	0.04	0.04	3		GR	
0300	5	22766		POPLAR GROVE CEMETERY ROAD	FROM VAUGHAN ROAD	TO END OF LOOP	N/A	0.33	0.00	0.33	2		AS	4
0301	5	23019		FLANK ROAD	FROM SQUIRREL LEVEL ROAD	TO CHURCH ROAD	N/A	0.90	0.00	0.90	3		AS	4
0400	NC	22825		MANOR HOUSE ENTRANCE DRIVE	FROM PECAN STREET	TO MANOR HOUSE	N/A	0.00	0.17	0.17	5		GR	
0402	5	45375		HEADQUARTERS ACCESS ROAD	FROM STATE ROUTE 109 (HICKORY HILL ROAD)	TO END OF LOOP	N/A	0.49	0.00	0.49	5		AS	3
0403	5	45850		RANGER ACCESS ROAD	FROM STATE ROUTE 109 (HICKORY HILL ROAD)	TO END OF ROUTE 0408 (RANGER ACCESS TO HEADQUARTERS ROAD)	N/A	0.11	0.00	0.11	5		AS	3
0404	5	45864		BUILDING 34 ACCESS ROAD	FROM STATE ROUTE 109 (HICKORY HILL ROAD)	TO END	N/A	0.04	0.00	0.04	6		AS	3
0406	5	22993		SERVICE ROAD	FROM SOUTH WHITEHILL DRIVE	TO ROUTE 0500 (PETERSBURG TOUR ROAD)	N/A	0.33	0.00	0.33	6		AS	2
0407	NC	22861		SHAND HOUSE ROAD	FROM ROUTE 0500 (PETERSBURG TOUR ROAD)	TO COLUMBIA GAS LINE RIGHT OF WAY	N/A	0.00	0.34	0.34	5		GR	
0408	5	51263		RANGER ACCESS TO HEADQUARTERS ROAD	FROM ROUTE 0402 (HEADQUARTERS ACCESS ROAD)	TO END OF ROUTE 0403 (RANGER ACCESS ROAD)	N/A	0.05	0.00	0.05	5		AS	3

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0410	NC	22857		NALDARA ENTRANCE DRIVE	FROM PECAN STREET	TO END	N/A	0.00	0.04	0.04	5		GR	
0411	5	45878		QUARTERS 29 ACCESS ROAD	FROM STATE ROUTE 109 (HICKORY HILL ROAD)	TO ROUTE 0939 (HICKORY HILL HIKE / BIKE PARKING AREA)	N/A	0.13	0.00	0.13	6		AS	3
0412	NC	22880		MORTAR LOOP TRAIL ROAD	FROM STATE ROUTE 36 (OAKLAWN BOULEVARD)	TO END	N/A	0.00	0.87	0.87	5		GR	
0413	NC	22822		CONFEDERATE ESCAPE ROAD	FROM STATE ROUTE 613 (WHITE OAK ROAD)	TO END	N/A	0.00	1.40	1.40	6		NV	
0414	NC	22818		GILLIAM FIELD ROAD	FROM STATE ROUTE 613 (WHITE OAK ROAD)	TO END	N/A	0.00	0.11	0.11	6		NV	
0415	NC	22824		WAGON ROAD	FROM STATE ROUTE 613 (WHITE OAK ROAD)	TO END	N/A	0.00	0.18	0.18	6		NV	
0416	NC	238402		VISITOR CENTER SERVICE ROAD	FROM ROUTE 0904 (VISITOR CENTER PARKING)	TO VISITOR CENTER	N/A	0.00	0.08	0.08	6		GR	
0500	5	22461		PETERSBURG TOUR ROAD	FROM ROUTE 0010 (VISITOR CENTER ACCESS ROAD)	TO SOUTH CRATER ROAD	N/A	3.43	0.00	3.43	1		AS	2,3
0900	5	24557		MAIN VISITOR PARKING	FROM CEDAR LANE	TO PARKING	N/A	0.00	0.00	0.00		23,113	AS	1
0901	5	24532		WATER STREET 1 PARKING	FROM WATER STREET	TO PECAN STREET	N/A	0.00	0.00	0.00		8,678	AS	1
0902	5	46014		WATER STREET 2 PARKING	FROM WATER STREET	TO PARKING	N/A	0.00	0.00	0.00		6,177	AS	1
0903	NC	22827		MANOR HOUSE PARKING	FROM ROUTE 0400 (MANOR HOUSE ENTRANCE DRIVE)	TO PARKING	N/A	0.00	0.00	0.00		750	GR	
0904	5	51262		VISITOR CENTER PARKING	FROM END OF ROUTE 0010 (VISITOR CENTER ACCESS ROAD)	TO PARKING	N/A	0.00	0.00	0.00		42,573	AS	2
0905	5	45869		MAINTENANCE AREA PARKING	FROM ROUTE 0010 (VISITOR CENTER ACCESS ROAD)	TO MAINTENANCE AREA	N/A	0.00	0.00	0.00		47,654	AS	2
0906	5	51168		FORT FREN PARKING	FROM ROUTE 0500 (PETERSBURG TOUR ROAD)	TO ROUTE 0500 (PETERSBURG TOUR ROAD)	N/A	0.00	0.00	0.00		1,376	AS	2

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CYCLE 5 SUMMARY TOTALS FOR PETERSBURG NATIONAL BATTLEFIELD

<u>CYCLE 5 ROUTE TOTALS</u>	
DCV Driven Route Miles	6.74
Manually Rated Route Miles	0.00
TOTAL PARK ROUTE MILES COLLECTED IN CYCLE 5	6.74
Manually Rated Routes (SQFT)	0
TOTAL UNPAVED PARK ROUTE MILES	3.34

<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)	385,684
Unpaved Parking (SQFT)	249,439
TOTAL PARKING (SQFT)	635,123

<u>CYCLE 5 WEIGHTED AVERAGE PARK VALUES</u>	
DCV Driven PCR	94
**Manually Rated Routes PCR	N/A
**Parking PCR	84
***Total Equivalent Lane Miles	18.16

* - 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 PETE

Road Inventory Program 09/16/2014

(Numerical By Subcomponent #)

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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
0945ZZ	228082	5	TAYLOR HOUSE SITE PARKING AREAS	FROM ROUTE 0500 (PETERSBURG TOUR ROAD)	TO ROUTE 0500 (PETERSBURG TOUR ROAD)			0.00	0.00	0.00	6,410

PETE-0945ZZ 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
0945AZ	228082	5	TAYLOR HOUSE SITE PARKING	FROM ROUTE 0500 (PETERSBURG TOUR ROAD)	TO ROUTE 0500 (PETERSBURG TOUR ROAD)			0.00	0.00	0.00	4,527
0945BZ	228082	5	TAYLOR HOUSE SITE BUS PARKING	ADJACENT TO ROUTE 0500 (PETERSBURG TOUR ROAD)				0.00	0.00	0.00	1,883