

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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HOCU Hopewell Culture National Historical Park

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	55681		ENTRANCE ROAD MOUND CITY	FROM STATE HIGHWAY 104	TO END OF LOOP		YES	0.20	0	0.20	1		AS	3
0400	6	1	55673		PORTSMOUTH ROAD	FROM ROUTE 0010 (ENTRANCE ROAD MOUND CITY)	TO ROUTE 0903ZZ (ADMINISTRATIVE PARKING AREAS)		YES	0.22	0	0.22	5		AS	3
0401ZZ	NC		104368		HOPETON PIT ROADS	FROM ROUTE 5003 (HOPETOWN ROAD)	TO PARK BOUNDARY		NO	0	0.80	0.80	6		GR	3
0402	NC		67896		EARTHWORK ROAD HOPETON	FROM RAILROAD EASEMENT OFF OF STATE ROUTE 159	TO ROUTE 0401ZZ (HOPETON PIT ROADS)		NO	0	0.53	0.53	6		GR	3
0403	6	1			BLOCKSTONE HOUSE ACCESS	FROM ROUTE 0906ZZ (SEIP PARKING AREAS)	TO ROUTE 0906ZZ (SEIP PARKING AREAS)		NO	0.11	0	0.11	6		AS	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									
5000	5	1			SULPHUR LICK ROAD	FROM BEGINNING OF ROUTE 5001 (MAPLE GROVE ROAD) AT PARK BOUNDARY	TO PARK BOUNDARY		NO	0.98	0	0.98			AS	2
5001	5	1			MAPLE GROVE ROAD	FROM BEGINNING OF ROUTE 5000 (SULPHUR LICK ROAD)	TO PARK BOUNDARY		NO	0.34	0	0.34			AS	2
5002	5	1			U.S. HIGHWAY 50	FROM DILL ROAD	TO BRIDGE START		NO	0.69	0	0.69			AS	1
5003	NC				HOPETOWN ROAD	FROM STATE ROUTE 159	TO ROUTE 0401ZZ (HOPETON PIT ROADS)		NO	0.50	0	0.50			AS	3

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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						
0900	6	1	55696		VISITOR CENTER PARKING LOT	ADJACENT TO ROUTE 0010 (ENTRANCE ROAD MOUND CITY) ON RIGHT			YES	PUBLIC	4,196	AS	3
0903ZZ	6	1	55700		ADMINISTRATIVE PARKING AREAS	FROM END OF ROUTE 0400 (PORTSMOUTH ROAD)	TO PARKING		NO	NONPUBLIC	24,657	AS	3
0904	6	1	104452		OVERFLOW PARKING	ADJACENT TO ROUTE 0010 (ENTRANCE ROAD MOUND CITY)			YES	PUBLIC	1,236	BR	3
0905	6	1	67400		HOPEWELL PARKING	FROM ROUTE 5000 (SULPHUR LICK ROAD)	TO PARKING		YES	PUBLIC	33,658	AS	2
0906ZZ	6	1			SEIP PARKING AREAS	FROM ROUTE 5002 (U.S. HIGHWAY 50)	TO PARKING		YES	PUBLIC	11,207	AS	1
0907	6	1	243274		HOPETOWN EARTHWORK PARKING	FROM HOPETOWN ROAD (ROUTE 5003)	TO PARKING		YES	PUBLIC	5,839	AS	3

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Cycle 6 Summary Totals for Hopewell Culture National Historical Park

Cycle 6 Route Totals			
	NPS Maintained	Concessionaire Maintained	Park Totals
Paved Roads, Data Collection Vehicle Rated (Miles)	0.53	0	0.53
Paved Roads, Manually Rated Length (Miles)	0	0	0
Paved Roads, Manually Rated Area (Sq. Ft.)	0	0	0
Unpaved Roads (Miles)	1.33	0	1.33
Paved Parking (Sq. Ft.)	80,793	0	80,793
Unpaved Parking (Sq. Ft.)	0	0	0

Cycle 6 Lane Miles and Overall Pavement Condition		
	Lanes Miles*	Pavement Condition Rating**
Data Collection Vehicle Routes	0.87	37
Manually Rated Roads	0	N/A
Parking Areas	1.39	73

* 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						
0401ZZ	104368				HOPETON PIT ROADS	FROM ROUTE 5003 (HOPETOWN ROAD)	TO PARK BOUNDARY	NO	0.00	0.80	0.80	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			
0903ZZ	55700	6	1		ADMINISTRATIVE PARKING AREAS	FROM END OF ROUTE 0400 (PORTSMOUTH ROAD)	TO PARKING	NO	NONPUBLIC	24,657
0906ZZ		6	1		SEIP PARKING AREAS	FROM ROUTE 5002 (U.S. HIGHWAY 50)	TO PARKING	YES	PUBLIC	11,207

HOCU-0401ZZ 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						
0401AZ	104368				HOPETON PIT ROAD	FROM ROUTE 5003 (HOPETOWN ROAD)	TO END OF ROUTE AT FACILITY	NO	0.00	0.64	0.64	6	
0401BZ	104368				HOPETON PIT ROAD SPUR	FROM HOPEON PIT ROAD (ROUTE 0401AZ)	TO END OF ROUTE	NO	0.00	0.16	0.16	6	

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HOCU-0903ZZ Subcomponent Breakdown

Route Number	FMSS Number	Cycle Collected	Iteration Collected	Concession	Route Name	Route Description		FLTP	User Access	Area (SQ FT)
						From	To			
0901Z	55700	6	1		MAINTENANCE AREA PARKING	FROM END OF ROUTE 0400 (PORTSMOUTH ROAD)	TO ROUTES 0902Z (RESOURCE MANAGEMENT PARKING) AND 0903Z (ADMINISTRATIVE PARKING)	NO	NONPUBLIC	16,364
0902Z	55700	6	1		RESOURCE MANAGEMENT PARKING	FROM ROUTE 0901Z (MAINTENANCE AREA PARKING)	TO PARKING	NO	NONPUBLIC	5,269
0903Z	55700	6	1		ADMINISTRATIVE PARKING	FROM ROUTE 0901Z (MAINTENANCE AREA PARKING)	TO PARKING	NO	NONPUBLIC	3,024

HOCU-0906ZZ Subcomponent Breakdown

Route Number	FMSS Number	Cycle Collected	Iteration Collected	Concession	Route Name	Route Description		FLTP	User Access	Area (SQ FT)
						From	To			
0906AZ		6	1		SEIP PARKING A	FROM ROUTE 5002 (U.S. HIGHWAY 50)	TO ROUTE 5002 (U.S. HIGHWAY 50) AND ROUTE 0403 (BLOCKSTONE HOUSE ACCESS)	YES	PUBLIC	8,404
0906BZ		6	1		SEIP PARKING B	FROM ROUTE 0403 (BLOCKSTONE HOUSE ACCESS)	TO PARKING	YES	PUBLIC	1,681
0906CZ		6	1		SEIP PARKING C	FROM ROUTE 0403 (BLOCKSTONE HOUSE ACCESS)	TO PARKING	YES	PUBLIC	1,122