

Cycle 6 NPS / RIP Route ID Report

(Numerical By Summary Route and Subcomponent #)



Shading Color Key

White = Paved Routes, DCV Driven

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■ = Concession Route

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MONO Monocacy National Battlefield

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	70497		GAMBRILL ROAD	FROM ROUTE 5000 (STATE HIGHWAY 355 / URBANA PIKE)	TO END OF LOOP		YES	0.28	0.00	0.28	1		AS	1
0011	6	1	114463		VISITOR CENTER ACCESS ROAD	FROM ROUTE 5000 (STATE HIGHWAY 355 / URBANA PIKE)	TO ROUTE 0908 (VISITOR CENTER PARKING)		YES	0.12	0.00	0.12	1		AS	1
0100	NC		71968		WORTHINGTON FARM LANE	FROM ROUTE 5002 (BAKER VALLEY ROAD)	TO END		NO	0.00	2.50	2.50	2		GR	
0102	6	1	89961		BAKER FARM LANE	FROM ROUTE 5002 (BAKER VALLEY ROAD)	TO END OF LOOP		YES	0.30	0.00	0.30	2		AS	1
0400	NC		71926		BEST FARM LANE	FROM ROUTE 5000 (STATE HIGHWAY 355 / URBANA PIKE)	TO END		NO	0.00	2.50	2.50	2		GR	
0401	NC		71931		THOMAS FARM BARN LANE	FROM ROUTE 5002 (BAKER VALLEY ROAD)	TO END		NO	0.00	0.18	0.18	6		GR	
0402	NC		104049		WORTHINGTON FARM SHED ACCESS ROAD	FROM ROUTE 0100 (WORTHINGTON FARM LANE)	TO END		NO	0.00	0.60	0.60	6		GR	
0404	NC		71919		LEWIS FARM LANE	FROM ROUTE 5002 (BAKER VALLEY ROAD)	TO END		NO	0.00	0.50	0.50	6		GR	
0405	6	1	71940		THOMAS FARM LANE	FROM ROUTE 5001 (ARABY CHURCH ROAD)	TO ROUTE 0905 (THOMAS FARM PARKING)		YES	0.26	0.00	0.26	5		AS	1
0406	NC		89962		14TH NEW JERSEY MONUMENT ROAD	FROM ROUTE 5000 (STATE HIGHWAY 355 / URBANA PIKE)	TO END		NO	0.00	0.10	0.10	2		GR	
0407	NC		70499		RM COMPLEX ACCESS ROAD	FROM ROUTE 0010 (GAMBRILL ROAD)	TO ROUTE 0902 (RM COMPLEX PARKING)		NO	0.00	0.12	0.12	6		GR	

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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			STATE HIGHWAY 355 / URBANA PIKE	FROM INTERSECTION WITH NEW TECHNOLOGY WAY AND BEGINNING OF ROUTE 0011 (VISITOR CENTER ACCESS ROAD)	TO BEGINNING OF ROUTE 0010 (GAMBRILL ROAD) AND ROUTE 5001 (ARABY CHURCH ROAD)		NO	0.94	0.00	0.94			AS	1
5001	5	1			ARABY CHURCH ROAD	FROM END OF ROUTE 5000 (STATE HIGHWAY 355 / URBANA PIKE) AND BEGINNING OF ROUTE 0010 (GAMBRILL ROAD)	TO BEGINNING OF ROUTE 5002 (BAKER VALLEY ROAD)		NO	0.47	0.00	0.47			AS	1
5002	5	1			BAKER VALLEY ROAD	FROM END OF ROUTE 5001 (ARABY CHURCH ROAD)	TO BEGINNING OF ROUTE 0102 (BAKER FARM LANE)		NO	0.84	0.00	0.84			AS	1

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	71001		GAMBRILL PARKING	FROM ROUTE 0010 (GAMBRILL ROAD)	TO PARKING		YES	PUBLIC	8,850	AS	1
0901	NC		71003		GAMBRILLS MILL PARKING	FROM ROUTE 0010 (GAMBRILL ROAD)	TO PARKING		NO	NONPUBLIC	1,050	GR	
0902	NC		70500		RM COMPLEX PARKING	FROM ROUTE 0407 (RM COMPLEX ACCESS ROAD)	TO PARKING		NO	NONPUBLIC	3,076	GR	
0903	6	1	71014		HPTC PARKING	ADJACENT TO ROUTE 0010 (GAMBRILL ROAD)			NO	NONPUBLIC	1,253	AS	1
0904	6	1	71013		HPTC FENCED PARKING	FROM ROUTE 0010 (GAMBRILL ROAD)	TO PARKING		NO	NONPUBLIC	7,763	AS	1
0905	6	1	71944		THOMAS FARM PARKING	FROM END OF ROUTE 0405 (THOMAS FARM LANE)	TO PARKING		NO	PUBLIC	6,826	AS	1
0906A	NC		71971		WORTHINGTON FARM PARKING 1	ADJACENT TO ROUTE 0100 (WORTHINGTON FARM LANE)			NO	PUBLIC	5,775	GR	

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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						
0906B	NC		89963		WORTHINGTON FARM PARKING 2	ADJACENT TO ROUTE 0100 (WORTHINGTON FARM LANE)			NO	PUBLIC	2,013	GR	
0907	6	1	104051		BAKER FARM PARKING	FROM ROUTE 0102 (BAKER FARM LANE)	TO PARKING		NO	NONPUBLIC	2,601	AS	1
0908	6	1	225258		VISITOR CENTER PARKING	FROM END OF ROUTE 0011 (VISITOR CENTER ACCESS ROAD)	TO PARKING		YES	PUBLIC	22,141	AS	1
0909	NC		239656		RM ACCESS ROAD PARKING	FROM ROUTE 0407 (RM COMPLEX ACCESS ROAD)	TO PARKING		NO	PUBLIC	1,620	GR	
0910	NC				BEST FARM PARKING	ADJACENT TO ROUTE 0400 (BEST FARM LANE)			NO	PUBLIC	1,200	GR	
0911	NC		246560		THOMAS INTERPRETIVE PARKING	ADJACENT TO ROUTE 5001 (ARABY CHURCH ROAD)			NO	PUBLIC	1,430	GR	

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Cycle 6 Summary Totals for Monocacy National Battlefield

Cycle 6 Route Totals			
	NPS Maintained	Concessionaire Maintained	Park Totals
Paved Roads, Data Collection Vehicle Rated (Miles)	0.97	0	0.97
Paved Roads, Manually Rated Length (Miles)	0	0	0
Paved Roads, Manually Rated Area (Sq. Ft.)	0	0	0
Unpaved Roads (Miles)	6.50	0	6.50
Paved Parking (Sq. Ft.)	49,434	0	49,434
Unpaved Parking (Sq. Ft.)	16,164	0	16,164

Cycle 6 Lane Miles and Overall Pavement Condition		
	Lanes Miles*	Pavement Condition Rating**
Data Collection Vehicle Routes	1.10	99
Manually Rated Roads	0	N/A
Parking Areas	0.85	90

* Equivalent Lane Miles are calculated by route using the following equations:

- DCV and MRLs = $(PAVE_WIDTH \times PAVED_MI) / 11$ 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
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	GR - Gravel Road Bed 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.