

Cycle 5 NPS/RIP Route ID Report

Road Inventory Program 09/03/2013

(Numerical By Route #)

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Shading Color Key:

White = Paved Routes, DCV Driven

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** DCV - Data Collection Vehicle NC - Not Collected

ANTI

ANTIETAM 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
0300	5	48550		OLD MARYLAND ROUTE 65	FROM ROUTE 5001 (MARYLAND ROUTE 65) TO ROUTE 5001 (MARYLAND ROUTE 65)	N/A	1.18	0.00	1.18	1		AS	1
0302	5	40418		STARKE AVENUE	FROM ROUTE 0300 (OLD MARYLAND ROUTE 65) TO ROUTE 5001 (MARYLAND ROUTE 65)	N/A	0.18	0.00	0.18	2		AS	1
0303	5	48535		CORNFIELD AVENUE	FROM ROUTE 5000 (SMOKETOWN ROAD) TO ROUTE 0300 (OLD MARYLAND ROUTE 65)	N/A	0.36	0.00	0.36	1		AS	1
0304	5	48525		MANSFIELD AVENUE	FROM ROUTE 0300 (OLD MARYLAND ROUTE 65) TO ROUTE 5000 (SMOKETOWN ROAD)	N/A	0.73	0.00	0.73	1		AS	1
0305	5	44029		MUMMA LANE	FROM ROUTE 5000 (SMOKETOWN ROAD) TO ROUTE 0307 (RICHARDSON AVENUE)	N/A	0.59	0.00	0.59	1		AS	1
0307	5	48512		RICHARDSON AVENUE	FROM ROUTE 5001 (MARYLAND ROUTE 65) TO ROUTE 5002 (MARYLAND ROUTE 34)	N/A	1.11	0.00	1.11	1		AS	1,2
0308	5	48556		RODMAN AVENUE	FROM ROUTE 5002 (MARYLAND ROUTE 34) TO INTERSECTION OF ROUTE 0309 (BRANCH AVENUE) AND ROUTE 0310 (OLD BURNSIDE BRIDGE ROAD)	N/A	0.53	0.00	0.53	1		AS	2
0309	5	40554		BRANCH AVENUE	FROM INTERSECTION OF ROUTE 0308 (RODMAN AVENUE) AND ROUTE 0310 (OLD BURNSIDE BRIDGE ROAD) TO HARPERS FERRY ROAD	N/A	0.89	0.00	0.89	1		AS	2
0310	5	48566		OLD BURNSIDE BRIDGE ROAD	FROM INTERSECTION OF ROUTE 0308 (RODMAN AVENUE) AND ROUTE 0309 (BRANCH AVENUE) TO ROUTE 0908 (BURNSIDE BRIDGE PARKING)	N/A	0.49	0.00	0.49	1		AS	2
0400	5	41398		PIPER LANE	FROM ROUTE 5001 (MARYLAND ROUTE 65) TO END	N/A	0.19	0.00	0.19	3		AS	2
0402ZZ	5	40546		PRY HOUSE ACCESS ROAD	FROM ROUTE 5002 (MARYLAND ROUTE 34) TO END OF LOOP	N/A	0.26	0.13	0.38	3		AS	3
0403	NC	48577		CONFEDERATE AVENUE	FROM ROUTE 0922 (DUNKER CHURCH HANDICAP PARKING) TO END	N/A	0.00	0.22	0.22	6		GR	
0404	NC	43570		POFFENBERGER FARM ROAD	FROM ROUTE 0304 (MANSFIELD AVENUE) TO END	N/A	0.00	0.50	0.50	5		GR	
0405	NC	52125		ROULETTE FARM ROAD	FROM ROUTE 0307 (RICHARDSON AVENUE) TO END	N/A	0.00	1.25	1.25	6		GR	

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CYCLE 5 SUMMARY TOTALS FOR ANTIETAM NATIONAL BATTLEFIELD

<u>CYCLE 5 ROUTE TOTALS</u>	
DCV Driven Route Miles	6.49
Manually Rated Route Miles	0.00
TOTAL PARK ROUTE MILES COLLECTED IN CYCLE 5	6.49
Manually Rated Routes (SQFT)	0
TOTAL UNPAVED PARK ROUTE MILES	3.97

<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)	203,711
Unpaved Parking (SQFT)	6,400
TOTAL PARKING (SQFT)	210,111

<u>CYCLE 5 WEIGHTED AVERAGE PARK VALUES</u>	
DCV Driven PCR	93
**Manually Rated Routes PCR	N/A
**Parking PCR	89
***Total Equivalent Lane Miles	14.30

* - 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 ANTI

Road Inventory Program 09/03/2013

(Numerical By Subcomponent #)

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0402ZZ	40546	5	PRY HOUSE ACCESS ROAD	FROM ROUTE 5002 (MARYLAND ROUTE 34)	TO END OF LOOP		3	0.26	0.13	0.38	
0914ZZ	52126	5	SHULL HOUSE PARKING	FROM MONDELL ROAD	TO PARKING			0.00	0.00	0.00	32,095
0918ZZ	82620	5	WYAND HOUSE PARKING LOT	FROM ROUTE 0402ZZ (PRY HOUSE ACCESS ROAD)	TO PARKING			0.00	0.00	0.00	3,082

ANTI-0402ZZ 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
0402AZ	40546	5	PRY HOUSE ACCESS ROAD A	FROM ROUTE 5002 (MARYLAND ROUTE 34)	TO END OF PAVEMENT AND BEGINNING OF ROUTE 0402BZ (PRY HOUSE ACCESS ROAD B)		3	0.24	0.00	0.24	
0402BZ	40546	NC	PRY HOUSE ACCESS ROAD B	FROM END OF ROUTE 0402AZ (PRY HOUSE ACCESS ROAD A)	TO BEGINNING OF ROUTE 0402CZ (PRY HOUSE ACCESS ROAD C)		3	0.00	0.13	0.13	
0402CZ	40546	5	PRY HOUSE ACCESS ROAD C	FROM END OF ROUTE 0402BZ (PRY HOUSE ACCESS ROAD B)	TO ROUTE 0402AZ (PRY HOUSE ACCESS ROAD A) AT END OF LOOP		3	0.02	0.00	0.02	

ANTI-0914ZZ 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
0914AZ	52126	5	SHULL HOUSE PARKING A	FROM MONDELL ROAD	TO PARKING			0.00	0.00	0.00	26,760
0914BZ	52126	5	SHULL HOUSE PARKING B	FROM MONDELL ROAD	TO PARKING			0.00	0.00	0.00	5,335

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ANTIETAM NATIONAL BATTLEFIELD

ANTI-0918ZZ 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
0918AZ	82620	5	WYAND HOUSE PARKING LOT A	FROM ROUTE 0402AZ (PRY HOUSE ACCESS ROAD A)	TO PARKING			0.00	0.00	0.00	1,955
0918BZ	82620	5	WYAND HOUSE PARKING LOT B	ADJACENT TO ROUTE 0402AZ (PRY HOUSE ACCESS ROAD A)				0.00	0.00	0.00	1,127