

# Cycle 5 NPS/RIP Route ID Report

Road Inventory Program 03/24/2014

(Numerical By Route #)

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Shading Color Key:

Red text denotes approx. mileage

White = Paved Routes, DCV Driven

Yellow = Unpaved Routes, DCV not Driven

Blue = All Paved Parking Areas

Green = All Unpaved Parking Areas

Grey = Paved Routes, DCV not Driven

Black = State, Local or Private non-NPS Routes

= Concession Route Flag ON

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\*\* DCV - Data Collection Vehicle      NC - Not Collected

## MIMA

### MINUTE MAN NATIONAL HISTORICAL PARK

Rte. No.	Cycle Collected	FMSS No.	Concess Route	Route Name	From	To	Maint. District	Paved Miles	Un-Paved Miles	Total Route Length	Func. Class	Manual Rated SQ/FT	Surf. Type	Area Maps
0201	5	107003		OLD BEDFORD ROAD	FROM ROUTE 5000 (STATE ROUTE 2A)	TO VIRGINIA ROAD TRAIL AT GATE	N/A	0.09	0.00	0.09	4	7,434	AS	2
0430	5	226645		MANUEL DRIVE	FROM ROUTE 5001 (LEXINGTON ROAD)	TO END OF LOOP	N/A	0.22	0.00	0.22	5		AS	2
0431	NC	81695		BEDFORD LANE	FROM ROUTE 5000 (STATE ROUTE 2A)	TO PARK BOUNDARY	N/A	0.00	0.15	0.15	6		GR	
0900	5	63961		NORTH BRIDGE VISITOR CENTER	FROM ROUTE 5009 (LIBERTY STREET)	TO ROUTE 5009 (LIBERTY STREET)	N/A	0.00	0.00	0.00		22,893	AS	3
0901	5	63963		NORTH BRIDGE PARKING	FROM ROUTE 5008 (MONUMENT STREET)	TO ROUTE 5008 (MONUMENT STREET)	N/A	0.00	0.00	0.00		32,140	AS	3
0902	5	105084		DELIVERY ACCESS PARKING	FROM ROUTE 5009 (LIBERTY STREET)	TO PARKING	N/A	0.00	0.00	0.00		9,529	AS	3
0903	5	104957		MAINTENANCE BARN PARKING	FROM ROUTE 5009 (LIBERTY STREET)	TO PARKING	N/A	0.00	0.00	0.00		3,010	AS	3
0904	5	104955		MAINTENANCE VEHICLE PARKING	FROM ROUTE 0902 (DELIVERY ACCESS PARKING)	TO PARKING	N/A	0.00	0.00	0.00		1,892	AS	3
0907	5	63984		WAYSIDE PARKING	FROM HAWTHORNE LANE	TO PARKING	N/A	0.00	0.00	0.00		13,760	AS	2
0911	5	64069		MERIAMS CORNER PARKING	FROM ROUTE 5001 (LEXINGTON ROAD)	TO ROUTE 5001 (LEXINGTON ROAD)	N/A	0.00	0.00	0.00		12,173	AS	2
0918	NC	64104		SAMUEL BROOKS UNPAVED PARKING	FROM ROUTE 5000 (STATE ROUTE 2A)	TO ROUTE 0942 (SAMUEL BROOKS HANDICAP PARKING)	N/A	0.00	0.00	0.00		1,000	GR	
0924	NC	107104		RANGER STATION PARKING	FROM ROUTE 0938 (RANGER STATION VISITOR PARKING)	TO ROUTE 0431 (BEDFORD LANE)	N/A	0.00	0.00	0.00		1,500	OT	
0925	NC	107105		HARTWELL TAVERN / MCHUGH BARN ACCESS	FROM VIRGINIA ROAD	TO VIRGINIA ROAD	N/A	0.00	0.00	0.00		2,500	GR	
0926ZZ	5	64172		HARTWELL PARKING AREAS	FROM ROUTE 5000 (STATE ROUTE 2A)	TO ROUTE 5000 (STATE ROUTE 2A)	N/A	0.00	0.00	0.00		51,962	AS	1
0928	NC	64215		PAUL REVERE CAPTURE SITE UNPAVED PARKING	FROM ROUTE 5000 (STATE ROUTE 2A)	TO ROUTE 5000 (STATE ROUTE 2A)	N/A	0.00	0.00	0.00		2,000	OT	
0930	5	107107		MINUTEMAN VISITOR CENTER PARKING	FROM ROUTE 5000 (STATE ROUTE 2A)	TO PARKING	N/A	0.00	0.00	0.00		48,187	AS	1



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<span style="background-color: #800000; color: white; padding: 2px;">■</span> = Concession Route Flag ON

Green = All Unpaved Parking Areas
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## MIMA

### MINUTE MAN NATIONAL HISTORICAL PARK

Rte. No.	Cycle Collected	FMSS No.	Concess Route	Route Name	Route Description	Maint. District	Paved Miles	Un-Paved Miles	Total Route Length	Func. Class	Manual Rated SQ/FT	Surf. Type	Area Maps
0946	5			CARTY BARN PARKING AND ACCESS	FROM ROUTE 5001 (LEXINGTON ROAD) TO ROUTE 0939 (CARTY BARN UNPAVED PARKING AND ACCESS) AND NON NPS ROAD	N/A	0.00	0.00	0.00		3,221	CO	2
5000	5			STATE ROUTE 2A	FROM MASSACHUSETTS AVENUE TO INTERSECTION OF BYPASS ROAD AND PRIVATE DRIVEWAY	N/A	2.67	0.00	2.67			AS	1,2
5001	5	107001		LEXINGTON ROAD	FROM ROUTE 5000 (STATE ROUTE 2A) TO BEGIN ROUTE 5002 (LOWELL ROAD)	N/A	2.27	0.00	2.27			AS	2,3
5002	5			LOWELL ROAD	FROM END OF ROUTE 5001 (LEXINGTON ROAD) TO BEGIN ROUTE 5003 (BARRETS MILL ROAD) ON LEFT	N/A	1.19	0.00	1.19			AS	3
5003	5			BARRETS MILL ROAD	FROM END OF ROUTE 5002 (LOWELL ROAD) ON LEFT TO LEE DRIVE	N/A	1.07	0.00	1.07			AS	3
5004	5			AIRPORT DRIVE	FROM ROUTE 5000 (STATE ROUTE 2A) TO INTERSECTION WITH PRIVATE DRIVEWAY ON LEFT	N/A	0.38	0.00	0.38			AS	1
5005	5			MILL STREET	FROM ROUTE 5000 (STATE ROUTE 2A) TO INTERSECTION WITH PRIVATE DRIVEWAY ON LEFT	N/A	0.12	0.00	0.12			AS	1
5006	5			HANSCOM DRIVE	FROM ROUTE 5000 (STATE ROUTE 2A) TO PARK BOUNDARY	N/A	0.07	0.00	0.07			AS	1
5007	5			OLD BEDFORD ROAD (NON NPS)	FROM ROUTE 5001 (LEXINGTON ROAD) TO INTERSECTION WITH PRIVATE DRIVEWAY ON RIGHT	N/A	0.15	0.00	0.15			AS	2
5008	5			MONUMENT STREET	FROM ROUTE 5001 (LEXINGTON ROAD) TO BEGIN ROUTE 5009 (LIBERTY STREET) ON LEFT	N/A	0.89	0.00	0.89			AS	3
5009	5			LIBERTY STREET	FROM END OF ROUTE 5008 (MONUMENT STREET) ON LEFT TO ROUTE 5002 (LOWELL ROAD)	N/A	0.57	0.00	0.57			AS	3
5200	5			OLD MASSACHUSETTS AVENUE	FROM ROUTE 5000 (STATE ROUTE 2A) TO WOOD STREET	N/A	0.51	0.00	0.51			AS	1

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## CYCLE 5 SUMMARY TOTALS FOR MINUTE MAN NATIONAL HISTORICAL PARK

CYCLE 5 ROUTE TOTALS		CYCLE 5 CONCESSION TOTALS	
DCV Driven Route Miles	0.22	Concession Paved Route Miles	0.00
Manually Rated Route Miles	0.09	Concession Unpaved Route Miles	0.00
<b>TOTAL PARK ROUTE MILES COLLECTED IN CYCLE 5</b>	<b>0.31</b>	<b>TOTAL CONCESSION ROUTE MILES</b>	<b>0.00</b>
Manually Rated Routes (SQFT)	0.00	Concession Paved Parking Area SQFT	0
<b>TOTAL UNPAVED PARK ROUTE MILES</b>	<b>0.15</b>	Concession Unpaved Parking Area SQFT	0
		<b>TOTAL CONCESSION PARKING AREA SQFT</b>	<b>0</b>
		Concession Manually Rated Routes SQFT	0
* CYCLE 5 PARKING AREA TOTALS		CYCLE 5 WEIGHTED AVERAGE PARK VALUES	
Paved Parking (SQFT)	218,695	DCV Driven PCR	0
Unpaved Parking (SQFT)	105,114	**Manually Rated Routes PCR	45
<b>TOTAL PARKING (SQFT)</b>	<b>323,809</b>	**Parking PCR	76
		<b>***Total Equivalent Lane Miles</b>	<b>4.29</b>

\* - 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.

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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 MIMA

Road Inventory Program 03/24/2014

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### MINUTE MAN NATIONAL HISTORICAL PARK

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
0926ZZ	64172	5	HARTWELL PARKING AREAS	FROM ROUTE 5000 (STATE ROUTE 2A)	TO ROUTE 5000 (STATE ROUTE 2A)			0.00	0.00	0.00	51,962

### MIMA-0926ZZ 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
0926AZ	64172	5	HARTWELL PARKING A	FROM ROUTE 5000 (STATE ROUTE 2A)	TO ROUTE 5000 (STATE ROUTE 2A)			0.00	0.00	0.00	25,830
0926BZ	64172	5	HARTWELL PARKING B	FROM ROUTE 0926AZ (HARTWELL PARKING A)	TO PARKING			0.00	0.00	0.00	26,132