

# Cycle 5 NPS/RIP Route ID Report

Road Inventory Program 07/10/2014

(Numerical By Route #)

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Shading Color Key:

Red text denotes approx. mileage

White = Paved Routes, DCV Driven

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Black = State, Local or Private non-NPS Routes

Blue = All Paved Parking Areas

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\*\* DCV - Data Collection Vehicle

NC - Not Collected

## WRBR

### WRIGHT BROTHERS NATIONAL MEMORIAL

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
					From	To								
0010ZZ	5	29935		WB RD PARK ENTRANCE ROAD	FROM ROUTE 5158 (U.S. HIGHWAY 158)	TO ROUTE 0500 (WB RD PYLON LOOP ROAD)	WRIGHT BROTHERS	0.71	0.00	0.71	1		AS	1
0100	5	104887		WB RD PROSPECT AVENUE	FROM ROUTE 5158 (U.S. HIGHWAY 158)	TO NORTH VIRGINIA DARE ROAD	WRIGHT BROTHERS	0.18	0.00	0.18	2		AS	1
0401	5	29936		WB RD MAINTENANCE ACCESS ROAD	FROM ROUTE 0500 (WB RD PYLON LOOP ROAD)	TO ROUTE 5000 (COLINGTON ROAD)	WRIGHT BROTHERS	0.21	0.00	0.21	6		AS	1
0404	5	104883		WB RD BONEYARD ROAD	FROM ROUTE 5000 (COLINGTON ROAD)	TO END	WRIGHT BROTHERS	0.07	0.00	0.07	6	4,942	AS	1
0500	5	104901		WB RD PYLON LOOP ROAD	FROM END OF ROUTE 0010ZZ (WB RD PARK ENTRANCE ROAD), CIRCLE ENTRY SPUR	TO END OF PYLON CIRCLE AT ROUTE 0010ZZ (WB RD PARK ENTRANCE ROAD), CIRCLE ENTRY SPUR	WRIGHT BROTHERS	0.90	0.00	0.90	1		AS	1
0900	5	29910		WB RD VISITOR CENTER PARKING	FROM ROUTE 0010ZZ (WB RD PARK ENTRANCE ROAD)	TO ROUTE 0010ZZ (WB RD PARK ENTRANCE ROAD)	WRIGHT BROTHERS	0.00	0.00	0.00		74,842	AS	1
0901	5	29933		WB RD AIRSTRIP ACCESS ROAD AND PARKING	FROM ROUTE 5000 (COLINGTON ROAD)	TO PARKING	WRIGHT BROTHERS	0.00	0.00	0.00		18,363	AS	1
0902	5	29918		WB RD MAINTENANCE PARKING LOT	FROM ROUTE 0401 (WB RD MAINTENANCE ACCESS ROAD)	TO ROUTE 5000 (COLINGTON ROAD)	WRIGHT BROTHERS	0.00	0.00	0.00		16,682	AS	1
0903	5	104898		WB RD PILOTS FACILITY PARKING	FROM ROUTE 0500 (WB RD PYLON LOOP ROAD)	TO PARKING	WRIGHT BROTHERS	0.00	0.00	0.00		7,281	AS	1
0905	5	104904		WB RD VISITOR CENTER EMPLOYEE PARKING	FROM ROUTE 0900 (WB RD VISITOR CENTER PARKING)	TO PARKING	WRIGHT BROTHERS	0.00	0.00	0.00		6,837	AS	1
0907ZZ	5	104915		WB RD MONUMENT PARKING AREAS	ADJACENT TO ROUTE 0500 (WB RD PYLON LOOP ROAD)		WRIGHT BROTHERS	0.00	0.00	0.00		25,589	AS	1
0909	5	104917		WB RD HANGER ACCESS AND PARKING	FROM ROUTE 0010AZ (WB RD PARK ENTRANCE ROAD MAIN)	TO PARKING	WRIGHT BROTHERS	0.00	0.00	0.00		3,895	CO	1
0910	5	104923		WB RD ENTRANCE FEE STATION PARKING	FROM ROUTE 0010AZ (WB RD PARK ENTRANCE ROAD MAIN)	TO PARKING	WRIGHT BROTHERS	0.00	0.00	0.00		1,703	AS	1
5000	5			COLINGTON ROAD	FROM PARK BOUNDARY	TO ROUTE 5158 (U.S. HIGHWAY 158)	WRIGHT BROTHERS	1.00	0.00	1.00			AS	1

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### WRIGHT BROTHERS NATIONAL MEMORIAL

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
5158	5			U.S. HIGHWAY 158	FROM ROUTE 5000 (COLINGTON ROAD) TO WEST LANDING DRIVE	WRIGHT BROTHERS	0.96	0.00	0.96			AS	1

### CYCLE 5 SUMMARY TOTALS FOR WRIGHT BROTHERS NATIONAL MEMORIAL

#### CYCLE 5 ROUTE TOTALS

DCV Driven Route Miles	1.99
Manually Rated Route Miles	0.07
<b>TOTAL PARK ROUTE MILES COLLECTED IN CYCLE 5</b>	<b>2.06</b>
Manually Rated Routes (SQFT)	0.00
<b>TOTAL UNPAVED PARK ROUTE MILES</b>	<b>0.00</b>

#### CYCLE 5 CONCESSION TOTALS

Concession Paved Route Miles	0.00
Concession Unpaved Route Miles	0.00
<b>TOTAL CONCESSION ROUTE MILES</b>	<b>0.00</b>
Concession Paved Parking Area SQFT	0
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

Paved Parking (SQFT)	155,192
Unpaved Parking (SQFT)	0
<b>TOTAL PARKING (SQFT)</b>	<b>155,192</b>

#### CYCLE 5 WEIGHTED AVERAGE PARK VALUES

DCV Driven PCR	90
**Manually Rated Routes PCR	45
**Parking PCR	74
<b>***Total Equivalent Lane Miles</b>	<b>6.70</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.

\*\*\*\*\*

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 WRBR

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			Route Name	From	To						
0010ZZ	29935	5	WB RD PARK ENTRANCE ROAD	FROM ROUTE 5158 (U.S. HIGHWAY 158)	TO ROUTE 0500 (WB RD PYLON LOOP ROAD)		1	0.71	0.00	0.71	
0907ZZ	104915	5	WB RD MONUMENT PARKING AREAS	ADJACENT TO ROUTE 0500 (WB RD PYLON LOOP ROAD)				0.00	0.00	0.00	25,589

### WRBR-0010ZZ Subcomponent Breakdown

Rte. No.	FMSS No.	Cycle Collected	Route Description			Concess Route	Func. Class	Paved Miles	Un-Paved Miles	Total Route Length	Manual Rated SQ/FT
			Route Name	From	To						
0010AZ	29935	5	WB RD PARK ENTRANCE ROAD MAIN	FROM ROUTE 5158 (U.S. HIGHWAY 158)	TO ROUTE 0500 (WB RD PYLON LOOP ROAD)		1	0.52	0.00	0.52	
0010BZ	29935	5	WB RD PARK ENTRANCE ROAD FEE STATION SPUR	FROM ROUTE 0010AZ (WB RD ENTRANCE ROAD MAIN)	TO ROUTE 0010AZ (WB RD ENTRANCE ROAD MAIN)		1	0.04	0.00	0.04	
0010CZ	29935	5	WB RD PARK ENTRANCE ROAD SPUR AT VISITOR CENTER	FROM ROUTE 0010AZ (WB RD ENTRANCE ROAD MAIN)	TO ROUTE 0010DZ (WB RD ENTRANCE ROAD EXIT SPUR)		1	0.02	0.00	0.02	
0010DZ	29935	5	WB RD PARK ENTRANCE ROAD EXIT SPUR	FROM ROUTE 0010AZ (WB RD ENTRANCE ROAD MAIN)	TO ROUTE 0010AZ (WB RD ENTRANCE ROAD MAIN)		1	0.08	0.00	0.08	
0010EZ	29935	5	WB RD PARK ENTRANCE ROAD SPUR WITH PYLON LOOP ROAD	FROM ROUTE 0500 (WB RD PYLON LOOP ROAD)	TO ROUTE 0010AZ (WB RD ENTRANCE ROAD MAIN)		1	0.04	0.00	0.04	

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## WRBR

### WRIGHT BROTHERS NATIONAL MEMORIAL

#### WRBR-0907ZZ 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
0907AZ	104915	5	WB RD MONUMENT PARKING AREA A	ADJACENT TO ROUTE 0500 (WB RD PYLON LOOP ROAD) AT MP 0.65				0.00	0.00	0.00	5,261
0907BZ	104915	5	WB RD MONUMENT PARKING AREA B	ADJACENT TO ROUTE 0500 (WB RD PYLON LOOP ROAD) AT MP 0.78				0.00	0.00	0.00	5,101
0907CZ	104915	5	WB RD MONUMENT PARKING AREA C	ADJACENT TO ROUTE 0500 (WB RD PYLON LOOP ROAD) AT MP 0.20				0.00	0.00	0.00	5,183
0907DZ	104915	5	WB RD MONUMENT PARKING AREA D	ADJACENT TO ROUTE 0500 (WB RD PYLON LOOP ROAD) AT MP 0.34				0.00	0.00	0.00	5,123
0907EZ	104915	5	WB RD MONUMENT PARKING AREA E	ADJACENT TO ROUTE 0500 (WB RD PYLON LOOP ROAD) AT MP 0.49				0.00	0.00	0.00	4,921