

# 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

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## WRBR Wright Brothers National Memorial

### 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									
0010ZZ	6	1	29935		WB RD PARK ENTRANCE ROAD	FROM ROUTE 5158 (U.S. HIGHWAY 158)	TO ROUTE 0500 (WB RD PYLON LOOP ROAD)	WRIGHT BROTHERS	YES	0.71	0.00	0.71	1		AS	1
0100	6	1	104887		WB RD PROSPECT AVENUE	FROM ROUTE 5158 (U.S. HIGHWAY 158)	TO NORTH VIRGINIA DARE ROAD	WRIGHT BROTHERS	YES	0.18	0.00	0.18	2		AS	1
0401	6	1	29936		WB RD MAINTENANCE ACCESS ROAD	FROM ROUTE 0500 (WB RD PYLON LOOP ROAD)	TO ROUTE 5000 (COLINGTON ROAD)	WRIGHT BROTHERS	NO	0.21	0.00	0.21	6		AS	1
0404	6	1	104883		WB RD BONEYARD ROAD	FROM ROUTE 5000 (COLINGTON ROAD)	TO END	WRIGHT BROTHERS	NO	0.08	0.00	0.08	6		AS	1
0500	6	1	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	YES	0.90	0.00	0.90	1		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			COLINGTON ROAD	FROM PARK BOUNDARY	TO ROUTE 5158 (U.S. HIGHWAY 158)	WRIGHT BROTHERS	NO	1.00	0.00	1.00			AS	1
5158	5	1			U.S. HIGHWAY 158	FROM ROUTE 5000 (COLINGTON ROAD)	TO WEST LANDING DRIVE	WRIGHT BROTHERS	NO	0.96	0.00	0.96			AS	1

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## Wright Brothers National Memorial

### 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	29910		WB RD VISITOR CENTER PARKING	FROM ROUTE 0010ZZ (WB RD PARK ENTRANCE ROAD)	TO ROUTE 0010ZZ (WB RD PARK ENTRANCE ROAD)	WRIGHT BROTHERS	YES	PUBLIC	74,881	AS	1
0901	6	1	29933		WB RD AIRSTRIP ACCESS ROAD AND PARKING	FROM ROUTE 5000 (COLINGTON ROAD)	TO PARKING	WRIGHT BROTHERS	YES	PUBLIC	18,373	AS	1
0902	6	1	29918		WB RD MAINTENANCE PARKING	FROM ROUTE 0401 (WB RD MAINTENANCE ACCESS ROAD)	TO ROUTE 5000 (COLINGTON ROAD)	WRIGHT BROTHERS	NO	NONPUBLIC	16,690	AS	1
0903	6	1	104898		WB RD PILOTS FACILITY PARKING	FROM ROUTE 0500 (WB RD PYLON LOOP ROAD)	TO PARKING	WRIGHT BROTHERS	YES	PUBLIC	7,284	AS	1
0905	6	1	104904		WB RD VISITOR CENTER EMPLOYEE PARKING	FROM ROUTE 0900 (WB RD VISITOR CENTER PARKING)	TO PARKING	WRIGHT BROTHERS	NO	NONPUBLIC	6,841	AS	1
0907ZZ	6	1	104915		WB RD MONUMENT PARKING	ADJACENT TO ROUTE 0500 (WB RD PYLON LOOP ROAD)		WRIGHT BROTHERS	YES	PUBLIC	25,602	AS	1
0909	6	1	104917		WB RD HANGER ACCESS AND PARKING	FROM ROUTE 0010ZZ (WB RD PARK ENTRANCE ROAD)	TO PARKING	WRIGHT BROTHERS	YES	PUBLIC	3,897	CO	1
0910	6	1	104923		WB RD ENTRANCE FEE STATION PARKING	FROM ROUTE 0010ZZ (WB RD PARK ENTRANCE ROAD)	TO PARKING	WRIGHT BROTHERS	NO	NONPUBLIC	1,704	AS	1

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## Cycle 6 Summary Totals for Wright Brothers National Memorial

Cycle 6 Route Totals			
	NPS Maintained	Concessionaire Maintained	Park Totals
Paved Roads, Data Collection Vehicle Rated (Miles)	1.99	0	1.99
Paved Roads, Manually Rated Length (Miles)	0.08	0	0.08
Paved Roads, Manually Rated Area (Sq. Ft.)	0	0	0
Unpaved Roads (Miles)	0	0	0
Paved Parking (Sq. Ft.)	155,272	0	155,272
Unpaved Parking (Sq. Ft.)	0	0	0

Cycle 6 Lane Miles and Overall Pavement Condition		
	Lanes Miles*	Pavement Condition Rating**
Data Collection Vehicle Routes	3.94	88
Manually Rated Roads	0.09	N/A
Parking Areas	2.67	86

\* 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						
0010ZZ	29935	6	1		WB RD PARK ENTRANCE ROAD	FROM ROUTE 5158 (U.S. HIGHWAY 158)	TO ROUTE 0500 (WB RD PYLON LOOP ROAD)	YES	0.71	0.00	0.71	1	

### 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			
0907ZZ	104915	6	1		WB RD MONUMENT PARKING	ADJACENT TO ROUTE 0500 (WB RD PYLON LOOP ROAD)		YES	PUBLIC	25,602

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### WRBR-0010ZZ 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						
0010AZ	29935	6	1		WB RD PARK ENTRANCE ROAD MAIN	FROM ROUTE 5158 (U.S. HIGHWAY 158)	TO ROUTE 0500 (WB RD PYLON LOOP ROAD)	YES	0.52	0.00	0.52	1	
0010BZ	29935	6	1		WB RD PARK ENTRANCE ROAD FEE STATION SPUR	FROM ROUTE 0010AZ (WB RD PARK ENTRANCE ROAD MAIN)	TO ROUTE 0010AZ (WB RD PARK ENTRANCE ROAD MAIN)	YES	0.04	0.00	0.04	1	
0010CZ	29935	6	1		WB RD PARK ENTRANCE ROAD SPUR AT VISITOR CENTER	FROM ROUTE 0010AZ (WB RD PARK ENTRANCE ROAD MAIN)	TO ROUTE 0010DZ (WB RD PARK ENTRANCE ROAD EXIT SPUR)	YES	0.02	0.00	0.02	1	
0010DZ	29935	6	1		WB RD PARK ENTRANCE ROAD EXIT SPUR	FROM ROUTE 0010AZ (WB RD PARK ENTRANCE ROAD MAIN)	TO ROUTE 0010AZ (WB RD PARK ENTRANCE ROAD MAIN)	YES	0.08	0.00	0.08	1	
0010EZ	29935	6	1		WB RD PARK ENTRANCE ROAD SPUR WITH PYLON LOOP ROAD	FROM ROUTE 0500 (WB RD PYLON LOOP ROAD)	TO ROUTE 0010AZ (WB RD PARK ENTRANCE ROAD MAIN)	YES	0.04	0.00	0.04	1	

### WRBR-0907ZZ Subcomponent Breakdown

Route Number	FMSS Number	Cycle Collected	Iteration Collected	Concession	Route Name	Route Description		FLTP	User Access	Area (SQ FT)
						From	To			
0907AZ	104915	6	1		WB RD MONUMENT PARKING A	ADJACENT TO ROUTE 0500 (WB RD PYLON LOOP ROAD) AT MP 0.65		YES	PUBLIC	5,263
0907BZ	104915	6	1		WB RD MONUMENT PARKING B	ADJACENT TO ROUTE 0500 (WB RD PYLON LOOP ROAD) AT MP 0.78		YES	PUBLIC	5,104
0907CZ	104915	6	1		WB RD MONUMENT PARKING C	ADJACENT TO ROUTE 0500 (WB RD PYLON LOOP ROAD) AT MP 0.20		YES	PUBLIC	5,186
0907DZ	104915	6	1		WB RD MONUMENT PARKING D	ADJACENT TO ROUTE 0500 (WB RD PYLON LOOP ROAD) AT MP 0.34		YES	PUBLIC	5,126
0907EZ	104915	6	1		WB RD MONUMENT PARKING E	ADJACENT TO ROUTE 0500 (WB RD PYLON LOOP ROAD) AT MP 0.49		YES	PUBLIC	4,923