

# Cycle 5 NPS/RIP Route ID Report

Road Inventory Program 05/27/2014

(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

\*Unpaved route data was obtained from NPS and was not inventoried by the Road Inventory Program (RIP).

\*\* DCV - Data Collection Vehicle

NC - Not Collected

## HOCU

### HOPEWELL CULTURE NATIONAL HISTORICAL PARK

| Rte. No. | Cycle Collected | FMSS No. | Concess Route | Route Name                      | Route Description<br>From To  | Maint. District | Paved Miles | Un-Paved Miles | Total Route Length | Func. Class | Manual Rated SQ/FT | Surf. Type | Area Maps |
|----------|-----------------|----------|---------------|---------------------------------|---|-----------------|-------------|----------------|--------------------|-------------|--------------------|------------|-----------|
| 0010     | 5               | 55681    |               | ENTRANCE ROAD<br>MOUND CITY     | FROM STATE ROUTE 104 TO END OF LOOP   | N/A             | 0.20        | 0.00           | 0.20               | 1           |                    | AS         | 3         |
| 0400     | 5               | 55673    |               | PORTSMOUTH ROAD                 | FROM ROUTE 0010 (ENTRANCE ROAD MOUND CITY) TO ROUTE 0903ZZ (ADMINISTRATIVE PARKING AREAS) | N/A             | 0.22        | 0.00           | 0.22               | 5           |                    | AS         | 3         |
| 0401     | NC              | 104368   |               | PIT ROAD                        | FROM HOPETOWN ROAD TO GRAVEL ROAD   | N/A             | 0.00        | 0.20           | 0.20               | 6           |                    | GR         |           |
| 0900     | 5               | 55696    |               | VISITOR CENTER<br>PARKING LOT   | ADJACENT TO ROUTE 0010 (ENTRANCE ROAD MOUND CITY) ON RIGHT                                | N/A             | 0.00        | 0.00           | 0.00               |             | 4,194              | AS         | 3         |
| 0903ZZ   | 5               | 55700    |               | ADMINISTRATIVE<br>PARKING AREAS | FROM END OF ROUTE 0400 (PORTSMOUTH ROAD) TO PARKING                                       | N/A             | 0.00        | 0.00           | 0.00               |             | 24,644             | AS         | 3         |
| 0904     | NC              | 104452   |               | OVERFLOW PARKING                | ADJACENT TO ROUTE 0010 (ENTRANCE ROAD MOUND CITY)   | N/A             | 0.00        | 0.00           | 0.00               |             | 1,000              | OT         |           |
| 0905     | 5               | 67400    |               | HOPEWELL PARKING                | FROM ROUTE 5000 (SULPHUR LICK ROAD) TO PARKING  | N/A             | 0.00        | 0.00           | 0.00               |             | 33,641             | AS         | 2         |
| 0906ZZ   | 5               |          |               | SEIT PARKING<br>AREAS           | FROM ROUTE 5002 (U.S. HIGHWAY 50) TO PARKING  | N/A             | 0.00        | 0.00           | 0.00               |             | 23,623             | AS         | 1         |
| 5000     | 5               |          |               | SULPHUR LICK ROAD               | FROM BEGINNING OF ROUTE 5001 (MAPLE GROVE ROAD) AT PARK BOUNDARY TO PARK BOUNDARY         | N/A             | 0.98        | 0.00           | 0.98               |             |                    | AS         | 2         |
| 5001     | 5               |          |               | MAPLE GROVE ROAD                | FROM BEGINNING OF ROUTE 5000 (SULPHUR LICK ROAD) TO PARK BOUNDARY                         | N/A             | 0.34        | 0.00           | 0.34               |             |                    | AS         | 2         |
| 5002     | 5               |          |               | U.S. HIGHWAY 50                 | FROM DILL ROAD TO BRIDGE START  | N/A             | 0.69        | 0.00           | 0.69               |             |                    | AS         | 1         |

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|  |
|--|
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| Black = State, Local or Private non-NPS Routes |

|                                |
|--------------------------------|
| Blue = All Paved Parking Areas |
| Red = Concession Route Flag ON |

|                                   |
|-----------------------------------|
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|-----------------------------------|

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## CYCLE 5 SUMMARY TOTALS FOR HOPEWELL CULTURE NATIONAL HISTORICAL PARK

| <b>CYCLE 5 ROUTE TOTALS</b>                        |             |
|--|-------------|
| DCV Driven Route Miles                             | 0.42        |
| Manually Rated Route Miles                         | 0.00        |
| <b>TOTAL PARK ROUTE MILES COLLECTED IN CYCLE 5</b> | <b>0.42</b> |
| Manually Rated Routes (SQFT)                       | 0           |
| <b>TOTAL UNPAVED PARK ROUTE MILES</b>              | <b>0.20</b> |

| <b>CYCLE 5 CONCESSION TOTALS</b>          |             |
|---|-------------|
| 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           |

| <b>* CYCLE 5 PARKING AREA TOTALS</b> |               |
|--------------------------------------|---------------|
| Paved Parking (SQFT)                 | 86,102        |
| Unpaved Parking (SQFT)               | 1,000         |
| <b>TOTAL PARKING (SQFT)</b>          | <b>87,102</b> |

| <b>CYCLE 5 WEIGHTED AVERAGE PARK VALUES</b> |             |
|---|-------------|
| DCV Driven PCR                              | 94          |
| **Manually Rated Routes PCR                 | N/A         |
| **Parking PCR                               | 80          |
| <b>***Total Equivalent Lane Miles</b>       | <b>2.15</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 HOCU

Road Inventory Program 05/27/2014

(Numerical By Subcomponent #)

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| 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 |
|----------|----------|-----------------|------------------------------|--|------------|---------------|-------------|-------------|----------------|--------------------|--------------------|
| 0903ZZ   | 55700    | 5               | ADMINISTRATIVE PARKING AREAS | FROM END OF ROUTE 0400 (PORTSMOUTH ROAD) | TO PARKING |               |             | 0.00        | 0.00           | 0.00               | 24,644             |
| 0906ZZ   | N/A      | 5               | SEIT PARKING AREAS           | FROM ROUTE 5002 (U.S. HIGHWAY 50)        | TO PARKING |               |             | 0.00        | 0.00           | 0.00               | 23,623             |

### HOCU-0903ZZ 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 |
|----------|----------|-----------------|-----------------------------|---|--|---------------|-------------|-------------|----------------|--------------------|--------------------|
| 0901Z    | 55700    | 5               | MAINTENANCE AREA PARKING    | FROM END OF ROUTE 0400 (PORTSMOUTH ROAD)    | TO ROUTES 0902Z (RESOURCE MANAGEMENT PARKING) AND 0903Z (ADMINISTRATIVE PARKING) |               |             | 0.00        | 0.00           | 0.00               | 16,355             |
| 0902Z    | 55700    | 5               | RESOURCE MANAGEMENT PARKING | FROM ROUTE 0901Z (MAINTENANCE AREA PARKING) | TO PARKING   |               |             | 0.00        | 0.00           | 0.00               | 5,266              |
| 0903Z    | 55700    | 5               | ADMINISTRATIVE PARKING      | FROM ROUTE 0901Z (MAINTENANCE AREA PARKING) | TO PARKING   |               |             | 0.00        | 0.00           | 0.00               | 3,023              |

### HOCU-0906ZZ 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 |
|----------|----------|-----------------|----------------|------------------------------------|---------------------------------|---------------|-------------|-------------|----------------|--------------------|--------------------|
| 0906AZ   | N/A      | 5               | SEIT PARKING A | FROM ROUTE 5002 (U.S. HIGHWAY 50)  | TO ROUTE 5002 (U.S. HIGHWAY 50) |               |             | 0.00        | 0.00           | 0.00               | 8,400              |
| 0906BZ   | N/A      | 5               | SEIT PARKING B | FROM ROUTE 0906AZ (SEIT PARKING A) | TO PARKING                      |               |             | 0.00        | 0.00           | 0.00               | 15,223             |