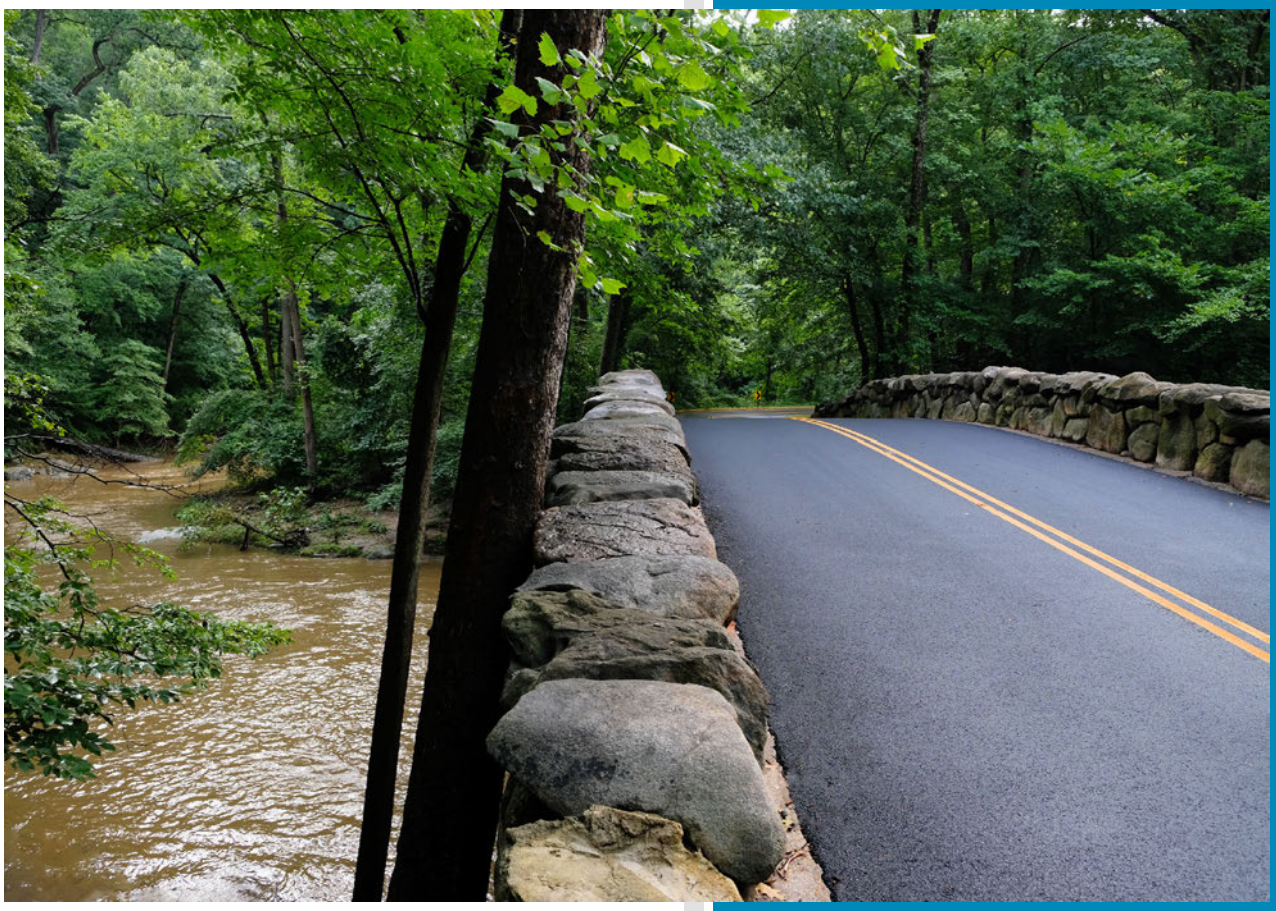
ROCR
Cycle 6

Final Report

Road Inventory and Condition Assessment of Paved Routes
Rock Creek Park

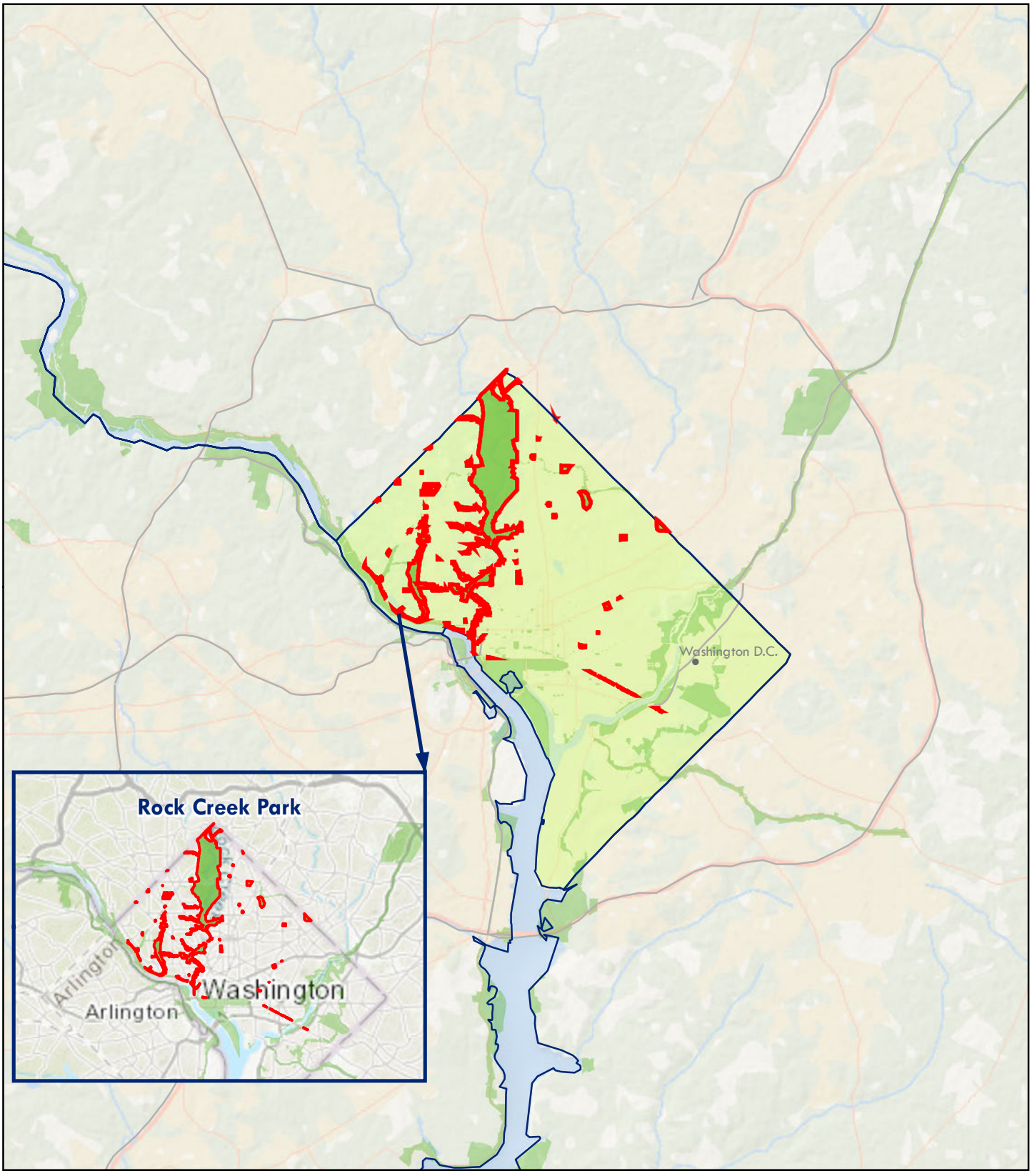


Federal Lands Highway
Road Inventory Program

Prepared By:
Federal Highway Administration
Eastern Federal Lands Highway Division
Road Inventory Program (RIP)

Report Date: November 2019

Rock Creek Park
in
District of Columbia



Sources: Esri, HERE, Garmin, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), (c) OpenStreetMap contributors, and the GIS User Community
Esri, Garmin, GEBCO, NOAA NGDC, and other contributors

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Table of Contents

Section 1
Introduction

Rock Creek Park

Federal Lands Highway
Road Inventory Program

Introduction

The Federal Highway Administration's (FHWA), Road Inventory Program (RIP) inventories all roads and parking areas in the National Park System, and performs condition inspections on all paved roads and parking areas for the National Park Service (NPS). This report contains the results of the Cycle 6 condition assessment of paved roads and parking lots for this park unit. This assessment was done using an automated, state-of-the-art pavement inspection vehicle as well as manual ratings. This information represents the condition of the paved assets at the time of the inspection. The pavement management system utilized by FHWA and the NPS uses these assessments to estimate future conditions and help prioritize pavement maintenance and rehabilitation projects. Further information about RIP data and its role in managing paved roads and bridges can be obtained by contacting the NPS Regional Transportation Program Manager.

A History of the Road Inventory Program:

The FHWA, in the mid-1970s, was charged with the task of identifying surface condition deficiencies and corrective priorities on NPS roads and parkways. Additionally, FHWA was tasked with establishing an integrated maintenance features inventory, locating features such as culverts, guardrails, and signs, among others, along NPS roads and parkways. As a result, in 1976 the NPS and FHWA entered into a Memorandum of Agreement (MOA) which established the RIP. This MOA was revised in 1980 to update RIP data collection standards and develop a long-range program to improve and maintain NPS roads to designated condition standards and establish a pavement management program.

The FHWA completed the initial phase of inventory in the early 1980s. As a result of this effort, each NPS unit included in the collection received a RIP Report known as the "Brown Book" which contained information that was inventoried during this first RIP phase. In the 1990s, a cyclical program was developed, and since then five cycles of collection have been completed. Cycle 6 is currently in progress. A summary of the RIP collection cycles is shown in the table below.

Cycle	Years	Parks Collected
Cycle 1	1994 - 1997	° 44 Large Parks
Cycle 2	1997 - 2001	° 79 Large Parks ° 5 Small Parks
Cycle 3	2001 - 2004	° All Large Parks ° All Small Parks
Cycle 4	2006 - 2010	° 86 Large Parks ° Several Small Parks
Cycle 5	2010 - 2014	° All Large Parks (Only functional class 1, 2, 7, and new/modified routes collected) ° All Small Parks (all roads and parking areas collected)
Cycle 6	2014 – 2020 (±)	° All roads and parking areas collected at all Parks ° Additional partial collections of functional class 1, 2, and 7 roads at Large Parks ° Cycle 6 is expected to last 6 years

Note: Large Parks have ≥ 10 Paved Miles; Small Parks have < 10 Paved Miles

Since 1984, the Road Inventory Program has been funded through the Federal Lands Highway Park Roads and Parkways (PRP) Program. Currently, coordination of the RIP with Federal Lands Highway (FLH) is under the NPS Washington Headquarters Park Facility Management Division. The FLH Washington office coordinates policy and prepares national reports and needs assessment studies for Congress.

In 1998, the Transportation Equity Act for the 21st Century (TEA-21) amended Title 23 U.S.C., and inserted Section 204(a)(6) requiring the FHWA and NPS, to develop by rule, a Pavement Management System (PMS) applied to park roads and parkways serving the National Park System.

In 2012, the Moving Ahead for Progress in the 21st Century Act (MAP-21) amended Title 23 U.S.C., and under Section 203(c)(1-2) stated that the National Park Service in cooperation with the DOT/FHWA, shall maintain a comprehensive national inventory of their transportation facilities, with the goal of quantifying transportation infrastructure needs within the National Park System.

A History of the Pavement Management System:

In 2005, the FHWA began implementing the use of a pavement management system to assist the NPS in prioritizing Pavement Maintenance and Rehabilitation activities. The system used by FHWA is the Highway Pavement Management Application (HPMA), which has the ability to store inventory and condition data from RIP and forecast future performance using prediction models. Outputs include performance and condition reports at the National, Regional, Park, or Route level. Regional prioritized lists and optimizations have been produced for most regions, and the Service's overall roadway Deferred Maintenance is calculated via the HPMA.

Overview of Cycle 6:

Cycle 6 launched in the spring of 2014 and will again comprise all NPS park units that are served by paved roads and/or parking areas. For Cycle 6, all paved roads (approximately 5,700 miles) and parking areas will be collected in all parks at least once, while the primary routes (functional class 1, 2, and 7 roads) at Large Parks will have additional collections. These multiple collections will provide updated condition data on a majority of the NPS's primary road network and help build a better pavement management system, allowing for more accurate pavement performance prediction models.

FLH is responsible for the accuracy of all data presented in this report. Any questions or comments concerning the contents of this report should be directed to the national RIP Coordinator located in Sterling, Virginia.

Respectfully,

FHWA RIP Team

FHWA/Eastern Federal Lands
21400 Ridgetop Circle
Sterling, VA 20166
(571) 434-1574

FHWA/Central Federal Lands
12300 West Dakota Ave
Lakewood, CO 80228
(720) 963-3556

Section 2
Park Route Inventory

Rock Creek Park

Federal Lands Highway
Road Inventory Program

Report Date: 11/06/2019

Cycle 6 NPS / RIP Route ID Report

(Numerical By Summary Route and Subcomponent #)

Federal Lands Highway
Road Inventory Program

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ROCR Rock Creek Park

ROAD INVENTORY (1100 SERIES FMSS LOCATIONS)

Route No.	Cycle Collected	Iteration Collected	FMSS Number	Concession	Route Name	Route Description From	Route Description To	Maintenance District	FLTP	Paved Miles	Unpaved Miles	Total Mileage	Functional Class	Area (SQ FT)	Surf. Type	Area Map
0001	6	2	26130		ROCK CREEK AND POTOMAC PARKWAY NORTHBOUND	FROM ROUTE 0932 (THOMPSON'S BOAT CENTER PARKING) ON LEFT AND VIRGINIA AVENUE NORTHWEST ON RIGHT	TO CALVERT STREET NORTHWEST		YES	2.16	0.00	2.16	7		AS	3
0002	6	2	51639		ROCK CREEK AND POTOMAC PARKWAY SOUTHBOUND	FROM CALVERT STREET NORTHWEST	TO ROUTE 0932 (THOMPSON'S BOAT CENTER PARKING) ON RIGHT AND VIRGINIA AVENUE NORTHWEST ON LEFT		YES	2.16	0.00	2.16	7		AS	3
0010	6	2	26716		BEACH DRIVE NORTHWEST	FROM PARK BOUNDARY AT MARYLAND STATE LINE (SIGN AND GATE)	TO ROUTE 0001 (ROCK CREEK AND POTOMAC PARKWAY NORTHBOUND) AND ROUTE 0002 (ROCK CREEK AND POTOMAC PARKWAY SOUTHBOUND)		YES	6.48	0.00	6.48	1		AS	1,2,3
0011	6	2	26727		WEST BEACH DRIVE NORTHWEST	FROM PARKSIDE DRIVE NORTHWEST ON RIGHT	TO ROUTE 0010 (BEACH DRIVE NORTHWEST)		YES	0.08	0.00	0.08	1		AS	1
0012	6	2	26729		WISE ROAD NORTHWEST	FROM OREGON AVENUE NORTHWEST	TO ROUTE 0010 (BEACH DRIVE NORTHWEST)		YES	0.61	0.00	0.61	1		AS	1
0013	6	2	27709		SHERRILL DRIVE NORTHWEST	FROM ROUTE 0010 (BEACH DRIVE NORTHWEST)	TO 16TH STREET NORTHWEST		YES	0.33	0.00	0.33	1		AS	1
0014	6	1	26717		BINGHAM DRIVE NORTHWEST	FROM ROUTE 0010 (BEACH DRIVE NORTHWEST)	TO OREGON AVENUE NORTHWEST		YES	0.42	0.00	0.42	1		AS	1
0015	6	2	26722		JOYCE ROAD NORTHWEST	FROM MILITARY ROAD NORTHWEST EASTBOUND	TO ROUTE 0206 (ROCK CREEK PARK GOLF COURSE ACCESS ROAD)		YES	0.53	0.00	0.53	1		AS	2
0016	6	2	26725		ROSS DRIVE NORTHWEST	FROM MILITARY ROAD NORTHWEST WESTBOUND	TO ROUTE 0019 (GLOVER ROAD NORTHWEST/RIDGE ROAD NORTHWEST)		YES	1.27	0.00	1.27	1		AS	2

Cycle 6 NPS / RIP Route ID Report

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ROCR *Rock Creek Park*

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0017	6	2	26723		MORROW DRIVE NORTHWEST	FROM ROUTE 0015 (JOYCE ROAD NORTHWEST)	TO 16TH STREET NORTHWEST		YES	0.61	0.00	0.61	1		AS	2
0018	6	2	26726		STAGE ROAD	FROM CONCRETE PATH	TO ROUTE 0017 (MORROW DRIVE NORTHWEST)		YES	0.43	0.00	0.43	1		AS	2
0019	6	2	26720		GLOVER ROAD NORTHWEST/RIDGE ROAD NORTHWEST	FROM MILITARY ROAD NORTHWEST	TO ROUTE 0027 (BROAD BRANCH ROAD NORTHWEST) ON LEFT		YES	1.65	0.00	1.65	1		AS	2
0020	6	2	27712		EAST GLOVER ROAD	FROM ROUTE 0019 (GLOVER ROAD NORTHWEST/RIDGE ROAD NORTHWEST) AT MP 0.13	TO ROUTE 0019 (GLOVER ROAD NORTHWEST/RIDGE ROAD NORTHWEST) AT MP 0.41		YES	0.29	0.00	0.29	1		AS	2
0021	6	2	26721		GRANT ROAD NORTHWEST	FROM ROUTE 0019 (GLOVER ROAD NORTHWEST/RIDGE ROAD NORTHWEST)	TO BROAD BRANCH ROAD NORTHWEST		YES	0.37	0.00	0.37	1		AS	2
0022	6	2	26719		BLAGDEN AVENUE NORTHWEST	FROM ROUTE 0010 (BEACH DRIVE NORTHWEST)	TO PARK BOUNDARY AT PAVEMENT CHANGE		YES	0.16	0.00	0.16	1		AS	2
0024	6	2	26724		PINEY BRANCH PARKWAY NORTHWEST	FROM ROUTE 0010 (BEACH DRIVE NORTHWEST)	TO ARKANSAS AVENUE NORTHWEST		YES	0.84	0.00	0.84	1		AS	2
0025	6	2	51642		17TH STREET NORTHWEST	FROM ROUTE 0024 (PINEY BRANCH PARKWAY NORTHWEST)	TO PARK BOUNDARY SIGN		YES	0.11	0.00	0.11	1		AS	2
0026	6	2	27710		CATHEDRAL AVENUE NORTHWEST	FROM CALVERT STREET NORTHWEST OVERPASS	TO ROUTE 0001 (ROCK CREEK AND POTOMAC PARKWAY NORTHBOUND)		YES	0.14	0.00	0.14	1		AS	3
0027	6	2	27878		BROAD BRANCH ROAD NORTHWEST	FROM ROUTE 0010 (BEACH DRIVE NORTHWEST)	TO ROUTE 0019 (GLOVER ROAD NORTHWEST/RIDGE ROAD NORTHWEST) ON RIGHT		YES	0.05	0.00	0.05	1		AS	2
0100	NC		29191		FORT TOTTEN PARK ACCESS	FROM FORT TOTTEN DRIVE	TO FORT TOTTEN DRIVE		NO	0.00	0.28	0.28	2		GR	

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Route No.	Cycle Collected	Iteration Collected	FMSS Number	Concession	Route Name	Route Description From	Route Description To	Maintenance District	FLTP	Paved Miles	Unpaved Miles	Total Mileage	Functional Class	Area (SQ FT)	Surf. Type	Area Map
0101	NC		29321		BARNARD HILL ROAD	FROM BUNKER HILL ROAD	TO END		NO	0.00	0.42	0.42	2		GR	
0206	6	2	27711		ROCK CREEK PARK GOLF COURSE ACCESS ROAD	FROM 16TH STREET NORTHWEST	TO END OF COUNTERCLOCKWISE LOOP		YES	0.32	0.00	0.32	3		AS	2
0401	NC		29322		GOLF COURSE ROAD	FROM ROUTE 0206 (ROCK CREEK PARK GOLF COURSE ACCESS ROAD)	TO END OF ROAD		NO	0.00	0.54	0.54	5		GR	
0404	6	2	51646		CENTER FOR URBAN ECOLOGY ROAD	FROM ELLIOT PLACE NORTHWEST	TO ROUTE 0938 (CENTER FOR URBAN ECOLOGY PARKING)		NO	0.10	0.00	0.10	6		AS	4
0405	6	2	51647		LOVERS LANE	FROM R STREET NORTHWEST AT PARK BOUNDARY	TO END OF PAVEMENT		NO	0.19	0.23	0.42	6		AS	3
0406	NC		29323		OLD ROCK CREEK DAY ROAD	FROM ROCK CREEK DRIVE	TO END OF ROAD		NO	0.00	0.07	0.07	5		GR	
0407	NC		51648		DUMDARTON OAKS ACCESS	FROM ROUTE 0405 (LOVERS LANE)	TO CONCRETE BARRIER		NO	0.00	0.22	0.22	6		GR	
0408	NC		33709		KLINGLE MANSION SERVICE COURT AREA ROAD	FROM ROUTE 0502 (KLINGLE MANSION ENTRANCE ROAD)	TO KLINGLE ROAD		NO	0.00	0.15	0.15	5		GR	
0409	NC		33706		KLINGLE MANSION ENTRANCE LOOP ROAD	FROM END OF ROUTE 0502 (KLINGLE MANSION ENTRANCE ROAD)	TO END OF LOOP		NO	0.00	0.11	0.11	5		GR	
0500	6	2	51640		HORSE STABLE ROAD	FROM OREGON AVENUE NORTHWEST	TO ROUTE 0904 (H3 STABLE PARKING)		YES	0.18	0.00	0.18	5		AS	1
0502	6	2	33705		KLINGLE MANSION ENTRANCE ROAD	FROM WILLIAMSBURG LANE NORTHWEST	TO BEGINNING OF ROUTE 0409 (KLINGLE MANSION ENTRANCE LOOP ROAD)		YES	0.12	0.00	0.12	2		AS	2
0503	6	2	51644		NORTH WATERSIDE DRIVE	FROM MASSACHUSETTS AVENUE NORTHWEST	TO ROUTE 0001 (ROCK CREEK AND POTOMAC PARKWAY NORTHBOUND)		YES	0.16	0.00	0.16	7		AS	3

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0504ZZ	6	2	51649		RAMPS FROM N/B & S/B ROCK CREEK PARKWAY TO "K" STREET	FROM ROUTE 0001 (ROCK CREEK AND POTOMAC PARKWAY NORTHBOUND) AND ROUTE 0002 (ROCK CREEK AND POTOMAC PARKWAY SOUTHBOUND)	TO K STREET NORTHWEST - WHITEHURST FREEWAY		YES	0.28	0.00	0.28	7		AS	3
0505	6	2	51650		RAMP FROM S/B ROCK CREEK PARKWAY TO PENNSYLVANIA AVENUE	FROM ROUTE 0002 (ROCK CREEK AND POTOMAC PARKWAY SOUTHBOUND)	TO PENNSYLVANIA AVENUE NORTHWEST		YES	0.08	0.00	0.08	7		AS	3
0506	6	2	51725		RAMP FROM "P" STREET TO N/B ROCK CREEK PARKWAY	FROM P STREET NORTHWEST	TO ROUTE 0001 (ROCK CREEK AND POTOMAC PARKWAY NORTHBOUND)		YES	0.08	0.00	0.08	7		AS	3
0507ZZ	6	2	51726		RAMP FROM "P" STREET TO S/B ROCK CREEK PARKWAY AND RAMP FROM S/B ROCK CREEK PARKWAY TO "P" STREET	FROM P STREET NORTHWEST AND ROUTE 0002 (ROCK CREEK AND POTOMAC PARKWAY SOUTHBOUND)	TO ROUTE 0002 (ROCK CREEK AND POTOMAC PARKWAY SOUTHBOUND) AND P STREET NORTHWEST		YES	0.19	0.00	0.19	7		AS	3
0508	6	2	51727		RAMP TO HARVARD STREET	FROM ROUTE 0010 (BEACH DRIVE NORTHWEST)	TO HARVARD STREET NORTHWEST		YES	0.07	0.00	0.07	1		AS	3
0509ZZ	6	2	27924		SOUTH WATERSIDE DRIVE N/B & S/B	FROM ROUTE 0001 (ROCK CREEK AND POTOMAC PARKWAY NORTHBOUND) AND MASSACHUSSETTS AVENUE NORTHWEST	TO ROUTE 0002 (ROCK CREEK AND POTOMAC PARKWAY SOUTHBOUND) AND MASSACHUSSETTS AVENUE NORTHWEST		YES	0.77	0.00	0.77	7		AS	3
0511ZZ	6	2	51638		RAMP FROM N/B JOYCE ROAD NW TO 17TH STREET NW AND RAMP FROM S/B JOYCE ROAD NW TO MILITARY ROAD NW	FROM ROUTE 0015 (JOYCE ROAD NORTHWEST)	TO 17TH STREET NORTHWEST ON RIGHT AND MILITARY ROAD NORTHWEST WESTBOUND		YES	0.27	0.00	0.27	1		AS	2

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ROCR *Rock Creek Park*

PARKING AREA INVENTORY (1300 SERIES FMSS LOCATIONS)

Route No.	Cycle Collected	Iteration Collected	FMSS Number	Concession	Route Name	Route Description From	Route Description To	Maintenance District	FLTP	Access Level	Area (SQ FT)	Surf. Type	Area Map
0900A	6	2	51728		KLINGLE MANSION PARKING A	FROM ROUTE 0502 (KLINGLE MANSION ENTRANCE ROAD)	TO PARKING		NO	NONPUBLIC	4,004	AS	2
0900B	6	2			KLINGLE MANSION PARKING B	ADJACENT TO ROUTE 0502 (KLINGLE MANSION ENTRANCE ROAD)			YES	PUBLIC	3,832	AS	2
0902ZZ	6	2	51730		CARTER BARRON PARKING AREAS	FROM ROUTE 0018 (STAGE ROAD)	TO ROUTE 0018 (STAGE ROAD) AND COLORADO AVENUE NORTHWEST		YES	PUBLIC	245,630	AS	2
0903ZZ	6	2	51731	■	ROCK CREEK GOLF COURSE PARKING AREAS	FROM ROUTE 0206 (ROCK CREEK PARK GOLF COURSE ACCESS ROAD)	TO PARKING		YES	PUBLIC	42,851	AS	2
0904	6	2	51732		H3 STABLE PARKING	FROM END OF ROUTE 0500 (HORSE STABLE ROAD)	TO PARKING		NO	NONPUBLIC	17,798	AS	1
0910	6	2	51734		EDGEWATER STABLE PARKING	FROM ROUTE 0010 (BEACH DRIVE NORTHWEST) ON LEFT	TO PARKING		NO	NONPUBLIC	26,672	AS	3
0911	6	2	51735		PICNIC GROVE #2 PARKING	FROM ROUTE 0010 (BEACH DRIVE NORTHWEST)	TO ROUTE 0010 (BEACH DRIVE NORTHWEST)		YES	PUBLIC	10,987	AS	2
0912ZZ	6	2	51736		USPP PARKING AREA AREAS	FROM ROUTE 0010 (BEACH DRIVE NORTHWEST) ON LEFT AND RIGHT	TO ROUTE 0010 (BEACH DRIVE NORTHWEST) ON LEFT		NO	NONPUBLIC	5,084	AS	2
0913	6	2	51738		PICNIC GROVE #6 PARKING	FROM ROUTE 0010 (BEACH DRIVE NORTHWEST) ON RIGHT	TO ROUTE 0010 (BEACH DRIVE NORTHWEST) ON RIGHT		YES	PUBLIC	23,743	AS	2
0914	6	2	51739		PICNIC GROVE #7 PARKING	FROM ROUTE 0010 (BEACH DRIVE NORTHWEST) ON LEFT	TO ROUTE 0010 (BEACH DRIVE NORTHWEST) ON LEFT		YES	PUBLIC	18,249	AS	1
0915	6	2	51740		PICNIC GROVE # 8 PARKING	FROM ROUTE 0010 (BEACH DRIVE NORTHWEST) ON LEFT	TO ROUTE 0010 (BEACH DRIVE NORTHWEST) ON LEFT		YES	PUBLIC	11,773	AS	1
0916	6	2	51780		PICNIC GROVE #9 PARKING	FROM ROUTE 0010 (BEACH DRIVE NORTHWEST) ON LEFT	TO ROUTE 0010 (BEACH DRIVE NORTHWEST) ON LEFT		YES	PUBLIC	10,631	AS	1
0917	6	2	51783		PICNIC GROVE #10 PARKING	FROM ROUTE 0010 (BEACH DRIVE NORTHWEST) ON LEFT	TO ROUTE 0010 (BEACH DRIVE NORTHWEST) ON LEFT		YES	PUBLIC	14,492	AS	1
0918	6	2	51784		PICNIC GROVE #1 PARKING	FROM SHOEMAKER STREET NORTHWEST	TO PARKING		YES	PUBLIC	10,233	AS	2

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0920	6	2	51787		TENNIS COURT PARKING LOOP	FROM PARK ROAD NORTHWEST	TO PARKING		YES	PUBLIC	15,518	AS	2
0921	6	2	51788		PICNIC AREA #2 NORTH / BROAD BRANCH PARKING	FROM ROUTE 0027 (BROAD BRANCH ROAD NORTHWEST)	TO PARKING		YES	PUBLIC	11,400	AS	2
0922	6	2	51790		PICNIC GROVE #27 PARKING	FROM ROUTE 0019 (GLOVER ROAD NORTHWEST/RIDGE ROAD NORTHWEST)	TO PARKING		YES	PUBLIC	1,980	AS	2
0923	6	2	51792		PICNIC GROVE #13 PARKING	FROM ROUTE 0019 (GLOVER ROAD NORTHWEST/RIDGE ROAD NORTHWEST)	TO ROUTE 0019 (GLOVER ROAD NORTHWEST/RIDGE ROAD NORTHWEST)		YES	PUBLIC	23,127	AS	2
0924	6	2	51794		NATURE CENTER ACCESS PARKING	FROM ROUTE 0020 (EAST GLOVER ROAD)	TO PARKING		YES	PUBLIC	49,861	AS	2
0925A	6	2	51797		BOARDING STABLE ACCESS ROAD PARKING A	FROM ROUTE 0924 (NATURE CENTER ACCESS PARKING)	TO PARKING		NO	NONPUBLIC	8,720	AS	2
0925B	6	2			BOARDING STABLE ACCESS ROAD PARKING B	FROM ROUTE 0925A (BOARDING STABLE ACCESS ROAD PARKING A)	TO PARKING		YES	PUBLIC	16,800	AS	2
0926	6	2	51798		ROCR MAINTENANCE PARKING WEST	FROM ROUTE 0020 (EAST GLOVER ROAD)	TO 0941(ROCR MAINTENANCE STAFF PARKING)		YES	PUBLIC	34,354	AS	2
0927	6	2	51800		PICNIC GROVE #20 PARKING	FROM ROUTE 0016 (ROSS DRIVE NORTHWEST)	TO ROUTE 0016 (ROSS DRIVE NORTHWEST)		YES	PUBLIC	1,254	AS	2
0928	6	2	51801		PICNIC GROVE #20A PARKING	FROM ROUTE 0016 (ROSS DRIVE NORTHWEST)	TO ROUTE 0016 (ROSS DRIVE NORTHWEST)		YES	PUBLIC	2,403	AS	2
0929	6	2	51802		PICNIC GROVE #21 PARKING	FROM ROUTE 0016 (ROSS DRIVE NORTHWEST)	TO PARKING		YES	PUBLIC	1,661	AS	2
0930	6	2	51804		PICNIC GROVE #22 PARKING	FROM ROUTE 0016 (ROSS DRIVE NORTHWEST)	TO PARKING		YES	PUBLIC	2,611	AS	2
0931	NC		51805		BATTERY KEMBLE ACCESS PARKING	FROM CHAIN BRIDGE ROAD	TO PARKING		NO	PUBLIC	23,295	GR	

Report Date: 11/06/2019

Cycle 6 NPS / RIP Route ID Report

(Numerical By Summary Route and Subcomponent #)

Federal Lands Highway
Road Inventory Program

Shading Color Key

White = Paved Routes, DCV Driven	Grey = Paved Routes, DCV not Driven	Black = Non-NPS Routes
Yellow = Unpaved Routes, DCV not Driven	Blue = Paved Parking Areas	Green = Unpaved Parking Areas

= Concession Route

Red text denotes:
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PKG = Parking Areas
NC = Not Collected

ROCR *Rock Creek Park*

PARKING AREA INVENTORY (1300 SERIES FMSS LOCATIONS)

Route No.	Cycle Collected	Iteration Collected	FMSS Number	Concession	Route Name	Route Description From	Route Description To	Maintenance District	FLTP	Access Level	Area (SQ FT)	Surf. Type	Area Map
0932	6	2	51807		THOMPSON'S BOAT CENTER PARKING	FROM ROUTE 0002 (ROCK CREEK AND POTOMAC PARKWAY SOUTHBOUND) AT END	TO PARKING		YES	PUBLIC	34,949	AS	3
0933	6	2	51809		CARTER BARRON STAGE PARKING	FROM ROUTE 0018 (STAGE ROAD) AT MP 0.05 (ON RIGHT)	TO PARKING		NO	NONPUBLIC	3,370	AS	2
0934	6	2	51810		CARTER BARRON STAGE OVERFLOW PARKING	ADJACENT TO ROUTE 0018 (STAGE ROAD) AT MP 0.03 (ON RIGHT)			NO	NONPUBLIC	2,487	AS	2
0935	6	2	51811	■	ROCK CREEK GOLF COURSE MAINTENANCE PARKING	FROM ROUTE 0206 (ROCK CREEK PARK GOLF COURSE ACCESS ROAD) AT MP 0.25 (ON LEFT)	TO PARKING		NO	NONPUBLIC	6,095	AS	2
0936	6	2	51813		PICNIC GROVE #11 PARKING	FROM ROUTE 0014 (BINGHAM DRIVE NORTHWEST) AT MP 0.25 (ON LEFT)	TO ROUTE 0014 (BINGHAM DRIVE NORTHWEST) AT MP 0.27 (ON LEFT)		YES	PUBLIC	2,244	AS	1
0937	6	2	51814		PICNIC GROVE #12 PARKING	FROM ROUTE 0014 (BINGHAM DRIVE NORTHWEST) AT MP 0.34 (ON LEFT)	TO ROUTE 0014 (BINGHAM DRIVE NORTHWEST) AT MP 0.36 (ON LEFT)		YES	PUBLIC	2,304	AS	1
0938	6	2	51815		CENTER FOR URBAN ECOLOGY PARKING	FROM END OF ROUTE 0404 (CENTER FOR URBAN ECOLOGY ROAD)	TO PARKING		NO	NONPUBLIC	19,188	CO	4
0939	6	2	51641		BOX OFFICE ROAD & PARKING	FROM COLORADO AVENUE NORTHWEST	TO COLORADO AVENUE NORTHWEST		YES	PUBLIC	18,791	AS	2
0940	6	2	51875		PIERCE MILL BUS LOOP	FROM TILDEN STREET NORTHWEST	TO TILDEN STREET NORTHWEST		YES	PUBLIC	4,809	AS	2
0941	6	2			ROCR MAINTENANCE STAFF EAST PARKING	FROM ROUTE 0926 (ROCR MAINTENANCE PARKING WEST)	TO PARKING		NO	NONPUBLIC	32,436	AS	2

Report Date: 11/06/2019

Cycle 6 NPS / RIP Route ID Report

(Numerical By Summary Route and Subcomponent #)

Federal Lands Highway
Road Inventory Program

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Yellow = Unpaved Routes, DCV not Driven	Blue = Paved Parking Areas	Green = Unpaved Parking Areas

■ = Concession Route

Red text denotes:
*Unpaved route data (mileages and square footage) were collected by the Road Inventory Program (RIP) only when the Cycle Collected is "6", otherwise the unpaved information was provided by NPS.

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PKG = Parking Areas
NC = Not Collected

Cycle 6 Summary Totals for Rock Creek Park

Cycle 6 Route Totals

	NPS Maintained	Concessionaire Maintained	Park Totals
Paved Roads, Data Collection Vehicle Rated (Miles)	21.31	0	**21.31**
Paved Roads, Manually Rated Length (Miles)	0.19	0	**0.19**
Paved Roads, Manually Rated Area (Sq. Ft.)	0	0	**0**
Unpaved Roads (Miles)	2.02	0	**2.02**
Paved Parking (Sq. Ft.)	693,395	48,946	**742,341**
Unpaved Parking (Sq. Ft.)	23,295	0	**23,295**

Cycle 6 Lane Miles and Overall Pavement Condition

	Lanes Miles*	Pavement Condition Rating**
Data Collection Vehicle Routes	39.66	47
Manually Rated Roads	0.22	90
Parking Areas	12.78	75

* 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

Report Date: 11/06/2019

Cycle 6 NPS / RIP Route ID Report

(Numerical By Summary Route and Subcomponent #)

Federal Lands Highway
Road Inventory Program

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Yellow = Unpaved Routes, DCV not Driven	Blue = Paved Parking Areas	Green = Unpaved Parking Areas

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General Park Road Functional Classification (FC) Table

FC	Type	User Access	Description	Route Numbers
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
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
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
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
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
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

Surface Types
AS - Asphaltic Concrete Pavement
BR - Brick or Pavers Road Bed
CB - Cobble Stone Road Bed
CO - Portland Cement Concrete Pavement
GR - Gravel Road Bed
NV - Native or Dirt Material Road Bed
OT - Other Materials Road Bed

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.

Report Date: 11/06/2019

NPS / RIP Subcomponent Details for ROCR

(Numerical By Summary Route and Subcomponent #)

Federal Lands Highway
Road Inventory Program

Shading Color Key

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Grey = Paved Routes, DCV not Driven

Black = Paved Routes, Non-NPS

= Concession Route

Yellow = Unpaved Routes, DCV not Driven

Blue = Paved Parking Areas

Green = Unpaved Parking Areas

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PKG = Parking Areas
NC = Not Collected

ROCR *Rock Creek Park*

SUMMARY ROUTE INVENTORY FOR ROADS (1100 SERIES FMSS LOCATIONS)

Route Number	FMSS Number	Cycle Collected	Iteration Collected	Concession	Route Name	Route Description From	Route Description To	FLTP	Paved Miles	Unpaved Miles	Total Mileage	Functional Class	Area (SQ FT)
0504ZZ	51649	6	2		RAMPS FROM N/B & S/B ROCK CREEK PARKWAY TO "K" STREET	FROM ROUTE 0001 (ROCK CREEK AND POTOMAC PARKWAY NORTHBOUND) AND ROUTE 0002 (ROCK CREEK AND POTOMAC PARKWAY SOUTHBOUND)	TO K STREET NORTHWEST - WHITEHURST FREEWAY	YES	0.28	0.00	0.28	7	
0507ZZ	51726	6	2		RAMP FROM "P" STREET TO S/B ROCK CREEK PARKWAY AND RAMP FROM S/B ROCK CREEK PARKWAY TO "P" STREET	FROM P STREET NORTHWEST AND ROUTE 0002 (ROCK CREEK AND POTOMAC PARKWAY SOUTHBOUND)	TO ROUTE 0002 (ROCK CREEK AND POTOMAC PARKWAY SOUTHBOUND) AND P STREET NORTHWEST	YES	0.19	0.00	0.19	7	
0509ZZ	27924	6	2		SOUTH WATERSIDE DRIVE N/B & S/B	FROM ROUTE 0001 (ROCK CREEK AND POTOMAC PARKWAY NORTHBOUND) AND MASSACHUSSETTS AVENUE NORTHWEST	TO ROUTE 0002 (ROCK CREEK AND POTOMAC PARKWAY SOUTHBOUND) AND MASSACHUSSETTS AVENUE NORTHWEST	YES	0.77	0.00	0.77	7	
0511ZZ	51638	6	2		RAMP FROM N/B JOYCE ROAD NW TO 17TH STREET NW AND RAMP FROM S/B JOYCE ROAD NW TO MILITARY ROAD NW	FROM ROUTE 0015 (JOYCE ROAD NORTHWEST)	TO 17TH STREET NORTHWEST ON RIGHT AND MILITARY ROAD NORTHWEST WESTBOUND	YES	0.27	0.00	0.27	1	

SUMMARY ROUTE INVENTORY FOR PARKING AREAS (1300 SERIES FMSS LOCATIONS)

Route Number	FMSS Number	Cycle Collected	Iteration Collected	Concession	Route Name	Route Description From	Route Description To	FLTP	User Access	Area (SQ FT)
0902ZZ	51730	6	2		CARTER BARRON PARKING AREAS	FROM ROUTE 0018 (STAGE ROAD)	TO ROUTE 0018 (STAGE ROAD) AND COLORADO AVENUE NORTHWEST	YES	PUBLIC	245,630
0903ZZ	51731	6	2		ROCK CREEK GOLF COURSE PARKING AREAS	FROM ROUTE 0206 (ROCK CREEK PARK GOLF COURSE ACCESS ROAD)	TO PARKING	YES	PUBLIC	42,851
0912ZZ	51736	6	2		USPP PARKING AREA AREAS	FROM ROUTE 0010 (BEACH DRIVE NORTHWEST) ON LEFT AND RIGHT	TO ROUTE 0010 (BEACH DRIVE NORTHWEST) ON LEFT	NO	NONPUBLIC	5,084

NPS / RIP Subcomponent Details for ROCR

(Numerical By Summary Route and Subcomponent #)

Federal Lands Highway
Road Inventory Program

Shading Color Key

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Grey = Paved Routes, DCV not Driven

Black = Paved Routes, Non-NPS

= Concession Route

Yellow = Unpaved Routes, DCV not Driven

Blue = Paved Parking Areas

Green = Unpaved Parking Areas

Red text denotes:
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MRP = Manually Rated Polygon
PKG = Parking Areas
NC = Not Collected

ROCR *Rock Creek Park*

ROCR-0504ZZ 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						
0504AZ	51649	6	2		RAMP FROM N/B ROCK CREEK PARKWAY TO "K" STREET	FROM ROUTE 0001 (ROCK CREEK AND POTOMAC PARKWAY NORTHBOUND)	TO K STREET NORTHWEST - WHITEHURST FREEWAY	YES	0.06	0.00	0.06	7	
0504BZ	51649	6	2		RAMP FROM S/B ROCK CREEK PARKWAY TO "K" STREET	FROM K STREET NORTHWEST - WHITEHURST FREEWAY	TO ROUTE 0001 (ROCK CREEK AND POTOMAC PARKWAY NORTHBOUND)	YES	0.07	0.00	0.07	7	
0504CZ	51649	6	2		RAMP FROM "K" STREET TO N/B ROCK CREEK PARKWAY	FROM ROUTE 0002 (ROCK CREEK AND POTOMAC PARKWAY SOUTHBOUND)	TO 28TH STREET NORTHWEST ON RIGHT AND K STREET NORTHWEST - WHITEHURST FREEWAY ON LEFT	YES	0.08	0.00	0.08	7	
0504DZ	51649	6	2		RAMP FROM "K" STREET TO S/B ROCK CREEK PARKWAY	FROM K STREET NORTHWEST - WHITEHURST FREEWAY	TO ROUTE 0002 (ROCK CREEK AND POTOMAC PARKWAY SOUTHBOUND)	YES	0.07	0.00	0.07	7	

ROCR-0507ZZ 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						
0507AZ	51726	6	2		RAMP FROM "P" STREET TO S/B ROCK CREEK PARKWAY	FROM P STREET NORTHWEST	TO ROUTE 0002 (ROCK CREEK AND POTOMAC PARKWAY SOUTHBOUND)	YES	0.09	0.00	0.09	7	
0513BZ	51726	6	2		RAMP FROM S/B ROCK CREEK PARKWAY TO "P" STREET	FROM ROUTE 0002 (ROCK CREEK AND POTOMAC PARKWAY SOUTHBOUND)	TO P STREET NORTHWEST	YES	0.10	0.00	0.10	7	

NPS / RIP Subcomponent Details for ROCR

(Numerical By Summary Route and Subcomponent #)

Federal Lands Highway
Road Inventory Program

Shading Color Key

White = Paved Routes, DCV Driven
Grey = Paved Routes, DCV not Driven
Black = Paved Routes, Non-NPS
= Concession Route
Yellow = Unpaved Routes, DCV not Driven
Blue = Paved Parking Areas
Green = Unpaved Parking Areas

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MRP = Manually Rated Polygon
PKG = Parking Areas
NC = Not Collected

ROCR *Rock Creek Park*

ROCR-0509ZZ Subcomponent Breakdown

Route Number	FMSS Number	Cycle Collected	Iteration Collected	Concession	Route Name	Route Description From	Route Description To	FLTP	Paved Miles	Unpaved Miles	Total Mileage	Functional Class	Area (SQ FT)
0509AZ	27924	6	2		SOUTH WATERSIDE DRIVE N/B	FROM ROUTE 0001 (ROCK CREEK AND POTOMAC PARKWAY NORTHBOUND) AND MASSACHUSETTS AVENUE NORTHWEST	TO MASSACHUSETTS AVENUE NORTHWEST AND ROUTE 0001 (ROCK CREEK AND POTOMAC PARKWAY NORTHBOUND)	YES	0.38	0.00	0.38	7	
0510BZ	27924	6	2		SOUTH WATERSIDE DRIVE S/B	FROM MASSACHUSETTS AVENUE NORTHWEST	TO ROUTE 0002 (ROCK CREEK AND POTOMAC PARKWAY SOUTHBOUND)	YES	0.39	0.00	0.39	7	

ROCR-0511ZZ Subcomponent Breakdown

Route Number	FMSS Number	Cycle Collected	Iteration Collected	Concession	Route Name	Route Description From	Route Description To	FLTP	Paved Miles	Unpaved Miles	Total Mileage	Functional Class	Area (SQ FT)
0511CZ	51638	6	2		RAMP FROM N/B JOYCE ROAD NW TO 17TH STREET NW	FROM ROUTE 0015 (JOYCE ROAD NORTHWEST)	TO 17TH STREET NORTHWEST ON RIGHT	YES	0.08	0.00	0.08	1	
0511DZ	51638	6	2		RAMP FROM S/B JOYCE ROAD NW TO MILITARY ROAD NW	FROM ROUTE 0015 (JOYCE ROAD NORTHWEST)	TO MILITARY ROAD NORTHWEST WESTBOUND	YES	0.19	0.00	0.19	1	

Report Date: 11/06/2019

NPS / RIP Subcomponent Details for ROCR

(Numerical By Summary Route and Subcomponent #)

Federal Lands Highway
Road Inventory Program

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Yellow = Unpaved Routes, DCV not Driven	Blue = Paved Parking Areas	Green = Unpaved Parking Areas

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MRL = Manually Rated Line
MRP = Manually Rated Polygon
PKG = Parking Areas
NC = Not Collected

ROCR *Rock Creek Park*

ROCR-0902ZZ Subcomponent Breakdown

Route Number	FMSS Number	Cycle Collected	Iteration Collected	Concession	Route Name	Route Description From	Route Description To	FLTP	User Access	Area (SQ FT)
0902AZ	51730	6	2		CARTER BARRON PARKING AREA A	FROM ROUTE 0018 (STAGE ROAD)	TO ROUTE 0902BZ (CARTER BARRON PARKING AREA B)	YES	PUBLIC	17,516
0902BZ	51730	6	2		CARTER BARRON PARKING AREA B	FROM ROUTE 0018 (STAGE ROAD)	TO ROUTE 0902AZ (CARTER BARRON PARKING AREA A) AND ROUTE 0902CZ (CARTER BARRON PARKING AREA C)	YES	PUBLIC	139,843
0902CZ	51730	6	2		CARTER BARRON PARKING AREA C	FROM ROUTE 0902BZ (CARTER BARRON PARKING AREA B)	TO COLORADO AVENUE NORTHWEST	YES	PUBLIC	88,271

ROCR-0903ZZ Subcomponent Breakdown

Route Number	FMSS Number	Cycle Collected	Iteration Collected	Concession	Route Name	Route Description From	Route Description To	FLTP	User Access	Area (SQ FT)
0903AZ	51731	6	2	■	ROCK CREEK GOLF COURSE PARKING A	FROM ROUTE 0206 (ROCK CREEK PARK GOLF COURSE ACCESS ROAD)	TO PARKING	YES	PUBLIC	13,698
0903BZ	51731	6	2	■	ROCK CREEK GOLF COURSE PARKING B	FROM ROUTE 0206 (ROCK CREEK PARK GOLF COURSE ACCESS ROAD)	TO PARKING	YES	PUBLIC	15,865
0903CZ	51731	6	2	■	ROCK CREEK GOLF COURSE PARKING C	FROM ROUTE 0206 (ROCK CREEK PARK GOLF COURSE ACCESS ROAD)	TO PARKING	YES	PUBLIC	13,288

Report Date: 11/06/2019

NPS / RIP Subcomponent Details for ROCR

(Numerical By Summary Route and Subcomponent #)

Federal Lands Highway
Road Inventory Program

Shading Color Key

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Yellow = Unpaved Routes, DCV not Driven	Blue = Paved Parking Areas	Green = Unpaved Parking Areas

= Concession Route

DCV = Data Collection Vehicle
MRL = Manually Rated Line
MRP = Manually Rated Polygon
PKG = Parking Areas
NC = Not Collected

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ROCR *Rock Creek Park*

ROCR-0912ZZ Subcomponent Breakdown

Route Number	FMSS Number	Cycle Collected	Iteration Collected	Concession	Route Name	Route Description From	Route Description To	FLTP	User Access	Area (SQ FT)
0912AZ	51736	6	2		USPP PARKING AREA A	FROM ROUTE 0010 (BEACH DRIVE NORTHWEST) ON LEFT	TO ROUTE 0010 (BEACH DRIVE NORTHWEST) ON LEFT	NO	NONPUBLIC	3,318
0912BZ	51736	6	2		USPP PARKING AREA B / PICNIC GROVE #5	ADJACENT TO ROUTE 0010 (BEACH DRIVE NORTHWEST) ON RIGHT		NO	NONPUBLIC	1,766

Route Identification Changes to Paved Routes from Previous Cycle
Rock Creek Park

ROUTES MODIFIED FROM PREVIOUS INVENTORY:			
Route No.	**Route Name**	**Type of Change**	**Comments**
0001	ROCK CREEK AND POTOMAC PARKWAY NORTHBOUND	FUNCTIONAL CLASS CHANGE	FUNCTIONAL CLASS UPDATED FROM 1 TO 7.
0002	ROCK CREEK AND POTOMAC PARKWAY SOUTHBOUND	FUNCTIONAL CLASS CHANGE	FUNCTIONAL CLASS UPDATED FROM 1 TO 7.
0502	KLINGLE MANSION ENTRANCE ROAD	FUNCTIONAL CLASS CHANGE	FUNCTIONAL CLASS UPDATED FROM 7 TO 2.
0508	RAMP TO HARVARD STREET	FUNCTIONAL CLASS CHANGE	FUNCTIONAL CLASS UPDATED FROM 7 TO 1.
0511ZZ	RAMP FROM N/B JOYCE ROAD NW TO 17TH STREET NW AND RAMP FROM S/B JOYCE ROAD NW TO MILITARY ROAD NW	FUNCTIONAL CLASS CHANGE	FUNCTIONAL CLASS UPDATED FROM 7 TO 1.
0912AZ	USPP PARKING AREA A	SQ FEET CHANGE	IMPROVED GPS AND SQUARE FOOTAGE COLLECTED IN CYCLE 6.
0925A	BOARDING STABLE ACCESS ROAD PARKING A	SQ FEET CHANGE	IMPROVED GPS AND SQUARE FOOTAGE COLLECTED IN CYCLE 6.
0926	ROCR MAINTENANCE PARKING WEST	OTHER	NONPUBLIC PORTION IS NOW 0941, ROUTE NAME CHANGED TO "ROCR MAINTENANCE PARKING WEST".
0940	PIERCE MILL BUS LOOP	SQ FEET CHANGE	IMPROVED GPS AND SQUARE FOOTAGE COLLECTED IN CYCLE 6.

Section 3
Park Summary Information

Rock Creek Park

Federal Lands Highway
Road Inventory Program

Parkwide Paved Route Condition Summary
Rock Creek Park

Table 1: Paved Route Miles and Parking Area Square Footages by Access Level and PCR

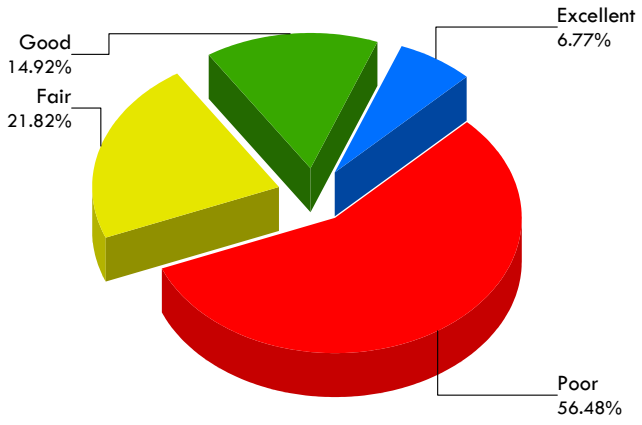
Breakdown of Pavement Condition Rating (PCR) Based on Access Level

	POOR (PCR of 0 - 60)	FAIR (PCR of 61 - 84)	GOOD (PCR of 85 - 94)	EXCELLENT (PCR of 95 -100)	
PAVED ROADS					
Functional Class	**Length (miles)**	**Length (miles)**	**Length (miles)**	**Length (miles)**	**Total Mileage by FC**
1	8.06	2.07	1.54	0.96	12.63
2	0.10	0.02			0.12
3	0.16	0.10	0.06		0.32
4					
5	0.14	0.02	0.02		0.18
6	0.08	0.02	0.19		0.29
7	2.38	1.99	1.08	0.35	5.80
8					
Total Mileage by PCR	**10.92**	**4.22**	**2.89**	**1.31**	**19.34**
PAVED PARKING					
Access Level	**Area (sq. ft.)**	**Area (sq. ft.)**	**Area (sq. ft.)**	**Area (sq. ft.)**	**Total Area**
PUBLIC	105,573	148,979	346,400	10,987	611,939
NONPUBLIC	59,653	51,624	14,577		125,854
Total Area by PCR	**165,226**	**200,603**	**360,977**	**10,987**	**737,793**

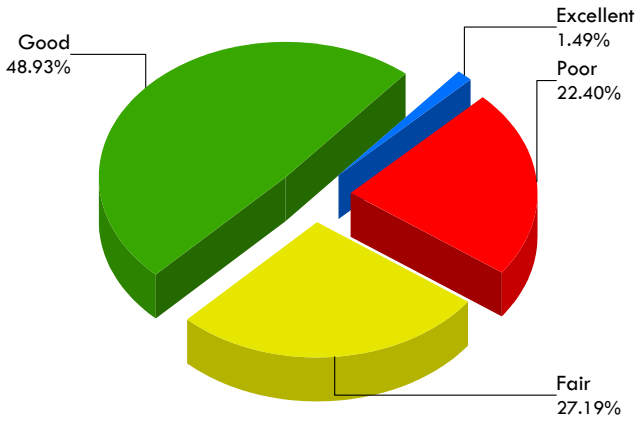
NOTES:

1. Data are reported in the table only for paved roads and parking lots that received a condition ratin
2. Non-linear roads (MRP collected routes) are measured by area and converted to equivalent route miles based on a 22-ft pavement width in order to included in the mileage totals for paved roads shown above.
3. Quantities in the table above are derived from the route condition data within the PMS_20, PMS_MRL, PMS_MRP, and PMS_PKG tables in the Pa geodatabase.

Parkwide Condition Percentages



Road Condition Percentages



Parking Area Condition Percentages

Figure 1: Pavement Condition Rating Breakdown for Paved Roads and Parking Areas

Explanation of the Excellent, Good, Fair, and Poor Condition Descriptions

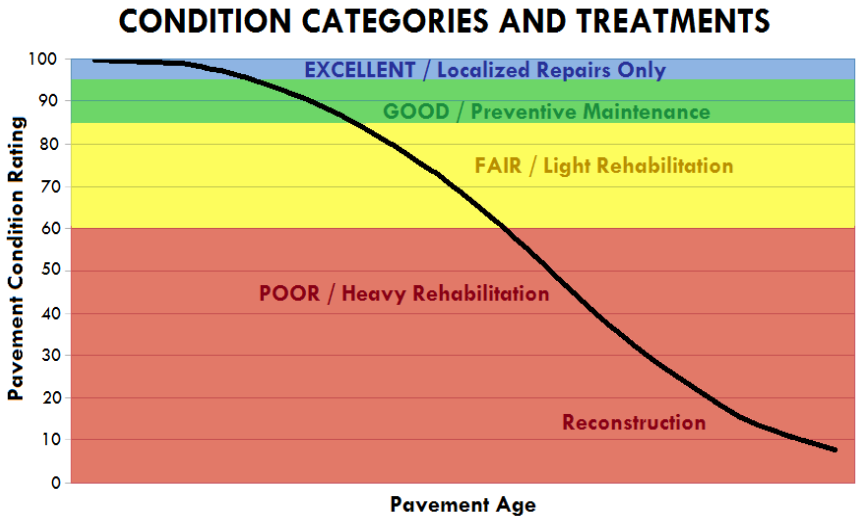
The Road Inventory Program aims to provide assistance in translating the excellent / good / fair / poor rating categories into pavement needs categories. The PCR can be used to indicate the place in the Pavement Life Cycle and the type of treatments that should be considered now and into the future.

- Excellent / New: PCR of 95-100
  - Pavements in this range will require only spot repairs

- Good: PCR of 85-94
  - Pavements in this range will likely be candidates for Preventive Maintenance. Examples include Chip and Slurry Seals, Micro Surfacing and Thin Overlays.

- Fair: PCR of 61-84
  - Pavements in this range will likely be candidates of Light Rehabilitation (L3R). Examples include singlelift overlays up to 2.5 inches in total thickness, milling and overlays.

- Poor: PCR of 0-60
  - Pavements in this range will likely be candidates of Heavy Rehabilitation or Reconstruction (H3R or 4R). Examples include Pulverization, Multiple Lift Overlays, and Reconstruction.



At this time, specific Maintenance and Rehabilitation activities should be evaluated and recommended at the project level. Site-specific conditions that influence treatment type should be determined based on performing a subsurface investigation and/or pavement condition survey, and not be based solely on RIP data. Additionally, RIP produces a snapshot of conditions at the time in which the data were collected. For further information or to obtain additional Pavement Management System's data from our Highway Pavement Management Application (HPMA) please contact the Eastern Federal Lands pavement team.

Federal Lands Highway
Road Inventory Program

Cycle 6 - Road Inventory Program

Road Condition Summary Report for Data Collection Vehicle (DCV) Rated Roads

Rock Creek Park

Condition (Rating / Index) Legend

- EXCELLENT (95 - 100)
- GOOD (85 - 94)
- FAIR (61 - 84)
- POOR (0 - 60)
- NR = NOT RATED

Notes:

- This condition summary report contains only the roads rated with the Data Collection Vehicle (DCV).
- Condition on roads that were manually rated and parking areas are shown in separate reports.
- Route-level scores shown on this page may not represent scores at smaller intervals (due to rollup calculations).
- Additional details on individual road ratings at 0.10-mile and 1-mile intervals can be found in Section 5 of the Cycle 6 RIP Report.
- Refer to the RIP Report Appendix for an explanation of the rating system and rating methods.

Route-Level Condition for Roads Rated with the Data Collection Vehicle (DCV)

Route No.	FMSS No.	Route Name	Functional Class	Surf. Type	Paved Length (Miles)	Pavement Condition Rating (PCR)	Roughness Condition Index (RCI)	Surface Condition Rating (SCR)	Structural Crack Index	Alligator Crack Index	Longitudinal Cracking Index	Transverse Cracking Index	Patch / Pothole Index	Rutting Index
ROCR-0001	26130	ROCK CREEK AND POTOMAC PARKWAY NORTHBOUND	7	AS	2.16	72	72	72	72	100	72	77	100	99
ROCR-0002	51639	ROCK CREEK AND POTOMAC PARKWAY SOUTHBOUND	7	AS	2.16	80	72	86	86	100	86	86	100	97
ROCR-0010	26716	BEACH DRIVE NORTHWEST	1	AS	6.48	37	54	26	26	88	38	68	96	96
ROCR-0011	26727	WEST BEACH DRIVE NORTHWEST	1	AS	0.08	76	NR	76	76	99	77	94	100	96
ROCR-0012	26729	WISE ROAD NORTHWEST	1	AS	0.61	27	67	0	0	69	1	77	93	92
ROCR-0013	27709	SHERRILL DRIVE NORTHWEST	1	AS	0.33	85	NR	85	85	100	85	89	100	99
ROCR-0015	26722	JOYCE ROAD NORTHWEST	1	AS	0.53	45	51	41	41	93	48	62	99	97
ROCR-0016	26725	ROSS DRIVE NORTHWEST	1	AS	1.27	56	57	56	56	87	69	75	99	98
ROCR-0017	26723	MORROW DRIVE NORTHWEST	1	AS	0.61	46	69	30	47	100	47	30	98	97
ROCR-0018	26726	STAGE ROAD	1	AS	0.43	58	NR	58	58	91	67	61	100	97
ROCR-0019	26720	GLOVER ROAD NORTHWEST/RIDGE ROAD NORTHWEST	1	AS	1.65	34	48	25	25	86	39	35	96	96
ROCR-0020	27712	EAST GLOVER ROAD	1	AS	0.29	0	NR	0	0	68	24	41	99	93
ROCR-0021	26721	GRANT ROAD NORTHWEST	1	AS	0.37	12	NR	12	12	92	20	87	99	93
ROCR-0022	26719	BLAGDEN AVENUE NORTHWEST	1	AS	0.16	23	NR	23	23	98	25	81	98	89
ROCR-0024	26724	PINEY BRANCH PARKWAY NORTHWEST	1	AS	0.84	17	43	0	0	81	0	6	91	91
ROCR-0025	51642	17TH STREET NORTHWEST	1	AS	0.11	57	NR	57	57	97	60	65	99	96
ROCR-0026	27710	CATHEDRAL AVENUE NORTHWEST	1	AS	0.14	89	NR	89	99	100	99	89	100	99
ROCR-0027	27878	BROAD BRANCH ROAD NORTHWEST	1	AS	0.05	96	NR	96	99	100	99	96	100	100
ROCR-0206	27711	ROCK CREEK PARK GOLF COURSE ACCESS ROAD	3	AS	0.32	59	NR	59	59	84	75	61	100	96

Data Collection Date: 06/2018

Federal Lands Highway
Road Inventory Program

Cycle 6 - Road Inventory Program
Road Condition Summary Report for Data Collection Vehicle (DCV) Rated Roads

Rock Creek Park

Condition (Rating / Index) Legend

- EXCELLENT (95 - 100)
- GOOD (85 - 94)
- FAIR (61 - 84)
- POOR (0 - 60)
- NR = NOT RATED

Notes:

- This condition summary report contains only the roads rated with the Data Collection Vehicle (DCV).
- Condition on roads that were manually rated and parking areas are shown in separate reports.
- Route-level scores shown on this page may not represent scores at smaller intervals (due to rollup calculations).
- Additional details on individual road ratings at 0.10-mile and 1-mile intervals can be found in Section 5 of the Cycle 6 RIP Report.
- Refer to the RIP Report Appendix for an explanation of the rating system and rating methods.

Route-Level Condition for Roads Rated with the Data Collection Vehicle (DCV)

Route No.	FMSS No.	Route Name	Functional Class	Surf. Type	Paved Length (Miles)	Pavement Condition Rating (PCR)	Roughness Condition Index (RCI)	Surface Condition Rating (SCR)	Structural Crack Index	Alligator Crack Index	Longitudinal Cracking Index	Transverse Cracking Index	Patch / Pothole Index	Rutting Index
ROCR-0404	51646	CENTER FOR URBAN ECOLOGY ROAD	6	AS	0.10	62	NR	62	62	100	62	66	100	97
ROCR-0500	51640	HORSE STABLE ROAD	5	AS	0.18	0	NR	0	0	98	0	46	93	83
ROCR-0502	33705	KLINGLE MANSION ENTRANCE ROAD	2	AS	0.12	22	NR	22	22	95	27	86	98	82
ROCR-0503	51644	NORTH WATERSIDE DRIVE	7	AS	0.16	45	NR	45	45	96	49	75	100	97
ROCR-0504AZ	51649	RAMP FROM N/B ROCK CREEK PARKWAY TO "K" STREET	7	AS	0.06	23	NR	23	56	95	61	23	100	98
ROCR-0504BZ	51649	RAMP FROM S/B ROCK CREEK PARKWAY TO "K" STREET	7	AS	0.07	20	NR	20	46	100	46	20	100	96
ROCR-0504CZ	51649	RAMP FROM "K" STREET TO N/B ROCK CREEK PARKWAY	7	AS	0.08	46	NR	46	57	100	57	46	99	98
ROCR-0504DZ	51649	RAMP FROM "K" STREET TO S/B ROCK CREEK PARKWAY	7	AS	0.07	65	NR	65	87	100	87	65	100	90
ROCR-0505	51650	RAMP FROM S/B ROCK CREEK PARKWAY TO PENNSYLVANIA AVENUE	7	AS	0.08	60	NR	60	69	100	69	60	100	96
ROCR-0506	51725	RAMP FROM "P" STREET TO N/B ROCK CREEK PARKWAY	7	AS	0.08	79	NR	79	80	100	80	79	100	89
ROCR-0507AZ	51726	RAMP FROM "P" STREET TO S/B ROCK CREEK PARKWAY	7	AS	0.09	47	NR	47	60	100	60	47	100	96
ROCR-0508	51727	RAMP TO HARVARD STREET	1	AS	0.07	99	NR	99	100	100	100	100	100	99
ROCR-0509AZ	27924	SOUTH WATERSIDE DRIVE N/B	7	AS	0.38	0	NR	0	0	66	0	0	98	90
ROCR-0510BZ	27924	SOUTH WATERSIDE DRIVE S/B	7	AS	0.39	0	NR	0	0	88	0	14	94	93
ROCR-0511CZ	51638	RAMP FROM N/B JOYCE ROAD NW TO 17TH STREET NW	1	AS	0.08	0	NR	0	0	97	0	15	100	98
ROCR-0511DZ	51638	RAMP FROM S/B JOYCE ROAD NW TO MILITARY ROAD NW	1	AS	0.19	45	NR	45	67	98	69	45	100	99
ROCR-0513BZ	51726	RAMP FROM S/B ROCK CREEK PARKWAY TO "P" STREET	7	AS	0.10	57	NR	57	90	100	90	57	100	98

Data Collection Date: 06/2018

Federal Lands Highway
Road Inventory Program

Cycle 6 - Road Inventory Program
Road Condition Summary Report for Manually Rated Roads

Rock Creek Park

Condition (Rating / Index) Legend

- EXCELLENT (95 - 100)
- GOOD (85 - 94)
- FAIR (61 - 84)
- POOR (0 - 60)
- NR = NOT RATED

Notes:

- This condition summary report contains only the roads that were manually rated.
  - MRL: Manually Rated Line (a linear road)
  - MRP: Manually Rated Polygon (a non-linear road)
- Condition on roads that were rated with the Data Collection Vehicle (DCV) are shown in a separate report.
- A road is manually rated when it is determined to be unsuitable for the DCV to drive.
- Additional details on individual road ratings at 0.10-mile and 1-mile intervals can be found in Section 5 of the Cycle 6 RIP Report.
- Refer to the RIP Report Appendix for an explanation of the rating system and rating methods.

Route-Level Condition for Manually Rated Line (MRL) Roads

Route No.	FMSS No.	Route Name	Functional Class	Surf. Type	Paved Length (Miles)	Pavement Condition Rating (PCR)	Roughness Condition Index (RCI)	Surface Condition Rating (SCR)	Structural Crack Index	Alligator Crack Index	Longitudinal Cracking Index	Transverse Cracking Index	Patch / Pothole Index	Rutting Index
ROCR-0405	51647	LOVERS LANE	6	AS	0.19	90	NR	90	NR	97	97	90	97	90

Data Collection Date: 03/2018

Federal Lands Highway
Road Inventory Program

Cycle 6 - Road Inventory Program

Parking Area Condition Summary Report

Rock Creek Park

Condition (Rating / Index) Legend

- EXCELLENT (97)
- GOOD (90)
- FAIR (73)
- POOR* (0, 30, 53)
- NR = NOT RATED

Notes:

- A PCR of 0 indicates a paved parking area in very poor condition. Individual distresses could not be identified.
- Additional details on individual parking areas can be found in Section 6 of the Cycle 6 RIP Report.
- Refer to the RIP Report Appendix for an explanation of the rating system and rating methods.

Condition Rating Details for Parking Areas

Route No.	FMSS No.	Route Name	User Access	Surf. Type	Area (Sq. Ft.)	Pavement Condition Rating (PCR)	Asphalt Surface Distresses: Alligator Cracking	Asphalt Surface Distresses: Longitudinal / Tranverse Cracking	Asphalt Surface Distresses: Rutting / Distortions	Asphalt Surface Distresses: Potholes / Patching	Asphalt Surface Distresses: HMA Patching	Asphalt Surface Distresses: Surface Raveling / Bleeding	Concrete Surface Distresses: Joint Faulting	Concrete Surface Distresses: Slab Cracking	Concrete Surface Distresses: Joint Distresses	Concrete Surface Distresses: Delamination / Pop-Outs	Concrete Surface Distresses: Potholes / Patching
ROCR-0900A	51728	KLINGLE MANSION PARKING A	NONPUBLIC	AS	4,004	53	53	53	53	90	97	73					
ROCR-0900B		KLINGLE MANSION PARKING B	PUBLIC	AS	3,832	53	73	53	73	73	97	73					
ROCR-0902AZ	51730	CARTER BARRON PARKING AREA - LOT A	PUBLIC	AS	17,516	90	90	90	90	97	97	90					
ROCR-0902BZ	51730	CARTER BARRON PARKING AREA - LOT B	PUBLIC	AS	139,843	90	90	90	90	90	97	90					
ROCR-0902CZ	51730	CARTER BARRON PARKING AREA - LOT C	PUBLIC	AS	88,271	73	73	90	90	90	97	90					
ROCR-0903AZ	51731	ROCK CREEK GOLF COURSE PARKING A	PUBLIC	AS	13,698	53	53	53	73	73	97	73					
ROCR-0903BZ	51731	ROCK CREEK GOLF COURSE PARKING B	PUBLIC	AS	15,865	30	30	53	73	90	97	73					
ROCR-0903CZ	51731	ROCK CREEK GOLF COURSE PARKING C	PUBLIC	AS	13,288	30	53	53	73	30	97	73					
ROCR-0904	51732	H3 STABLE PARKING	NONPUBLIC	AS	17,798	53	53	53	53	53	97	73					
ROCR-0910	51734	EDGEWATER STABLE PARKING	NONPUBLIC	AS	26,672	53	53	53	73	73	90	90					
ROCR-0911	51735	PICNIC GROVE #2 PARKING	PUBLIC	AS	10,987	97	97	97	97	97	97	97					
ROCR-0912AZ	51736	USPP PARKING AREA A	NONPUBLIC	AS	3,318	0											
ROCR-0912BZ	51736	USPP PARKING AREA B / PICNIC GROVE #5	NONPUBLIC	AS	1,766	30	30	53	53	30	97	73					
ROCR-0913	51738	PICNIC GROVE #6 PARKING	PUBLIC	AS	23,743	73	73	90	90	73	97	73					
ROCR-0914	51739	PICNIC GROVE #7 PARKING	PUBLIC	AS	18,249	30	30	53	73	73	90	73					
ROCR-0915	51740	PICNIC GROVE # 8 PARKING	PUBLIC	AS	11,773	90	90	90	90	90	97	90					
ROCR-0916	51780	PICNIC GROVE #9 PARKING	PUBLIC	AS	10,631	53	73	53	90	90	97	73					
ROCR-0917	51783	PICNIC GROVE #10 PARKING	PUBLIC	AS	14,492	53	53	53	73	90	97	73					
ROCR-0918	51784	PICNIC GROVE #1 PARKING	PUBLIC	AS	10,233	90	97	90	90	97	90	90					
ROCR-0920	51787	TENNIS COURT PARKING LOOP	PUBLIC	AS	15,518	30	73	90	30	53	97	73					
ROCR-0921	51788	PICNIC AREA #2 NORTH / BROAD BRANCH PARKING	PUBLIC	AS	11,400	90	97	90	97	97	97	97					
ROCR-0922	51790	PICNIC GROVE #27 PARKING	PUBLIC	AS	1,980	90	90	90	90	97	97	90					
ROCR-0923	51792	PICNIC GROVE #13 PARKING	PUBLIC	AS	23,127	90	90	90	90	97	97	90					
ROCR-0924	51794	NATURE CENTER ACCESS PARKING	PUBLIC	AS	49,861	90	90	90	90	97	97	90					
ROCR-0925A	51797	BOARDING STABLE ACCESS ROAD PARKING A	NONPUBLIC	AS	8,720	90	90	90	90	90	97	90					
ROCR-0925B		BOARDING STABLE ACCESS ROAD PARKING B	PUBLIC	AS	16,800	90	90	90	90	90	97	90					

Data Collection Date: 03/2018

Federal Lands Highway
Road Inventory Program

Cycle 6 - Road Inventory Program
Parking Area Condition Summary Report

Rock Creek Park

Condition (Rating / Index) Legend

- EXCELLENT (97)
- GOOD (90)
- FAIR (73)
- POOR* (0, 30, 53)
- NR = NOT RATED

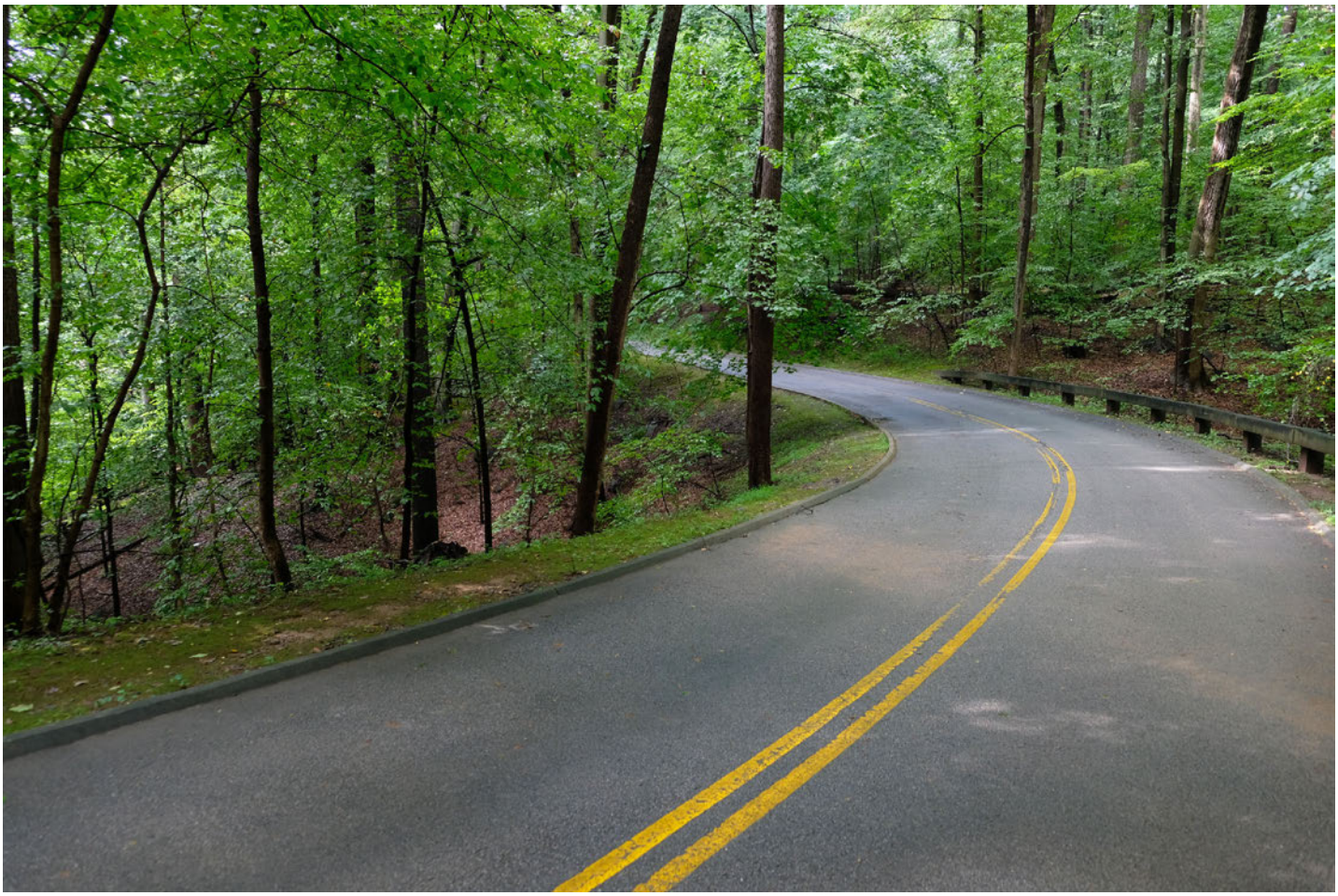
Notes:
- A PCR of 0 indicates a paved parking area in very poor condition. Individual distresses could not be identified.
- Additional details on individual parking areas can be found in Section 6 of the Cycle 6 RIP Report.
- Refer to the RIP Report Appendix for an explanation of the rating system and rating methods.

Condition Rating Details for Parking Areas

Route No.	FMSS No.	Route Name	User Access	Surf. Type	Area (Sq. Ft.)	Pavement Condition Rating (PCR)	Asphalt Surface Distresses: Alligator Cracking	Asphalt Surface Distresses: Longitudinal / Tranverse Cracking	Asphalt Surface Distresses: Rutting / Distortions	Asphalt Surface Distresses: Potholes / Patching	Asphalt Surface Distresses: HMA Patching	Asphalt Surface Distresses: Surface Raveling / Bleeding	Concrete Surface Distresses: Joint Faulting	Concrete Surface Distresses: Slab Cracking	Concrete Surface Distresses: Joint Distresses	Concrete Surface Distresses: Delamination / Pop-Outs	Concrete Surface Distresses: Potholes / Patching
ROCR-0926	51798	ROCR MAINTENANCE PARKING WEST	PUBLIC	AS	34,354	73	73	90	90	90	90	90					
ROCR-0927	51800	PICNIC GROVE #20 PARKING	PUBLIC	AS	1,254	90	90	90	90	90	97	90					
ROCR-0928	51801	PICNIC GROVE #20A PARKING	PUBLIC	AS	2,403	90	90	90	97	97	97	90					
ROCR-0929	51802	PICNIC GROVE #21 PARKING	PUBLIC	AS	1,661	90	90	90	97	97	97	90					
ROCR-0930	51804	PICNIC GROVE #22 PARKING	PUBLIC	AS	2,611	73	73	90	90	97	97	90					
ROCR-0932	51807	THOMPSON'S BOAT CENTER PARKING	PUBLIC	AS	34,949	90	97	90	97	97	97	90					
ROCR-0933	51809	CARTER BARRON STAGE PARKING	NONPUBLIC	AS	3,370	90	97	90	90	97	97	90					
ROCR-0934	51810	CARTER BARRON STAGE OVERFLOW PARKING	NONPUBLIC	AS	2,487	90	97	90	90	97	97	90					
ROCR-0935	51811	ROCK CREEK GOLF COURSE MAINTENANCE PARKING	NONPUBLIC	AS	6,095	30	30	53	53	53	97	73					
ROCR-0936	51813	PICNIC GROVE #11 PARKING	PUBLIC	AS	2,244	NR											
ROCR-0937	51814	PICNIC GROVE #12 PARKING	PUBLIC	AS	2,304	NR											
ROCR-0938	51815	CENTER FOR URBAN ECOLOGY PARKING	NONPUBLIC	CO	19,188	73							90	90	90	73	90
ROCR-0939	51641	BOX OFFICE ROAD & PARKING	PUBLIC	AS	18,791	90	90	90	90	97	97	97					
ROCR-0940	51875	PIERCE MILL BUS LOOP	PUBLIC	AS	4,809	90	97	90	97	97	97	97					
ROCR-0941		ROCR MAINTENANCE STAFF EAST PARKING	NONPUBLIC	AS	32,436	73	73	90	90	90	90	90					

Data Collection Date: 03/2018

Section 4
Park Route Location Maps



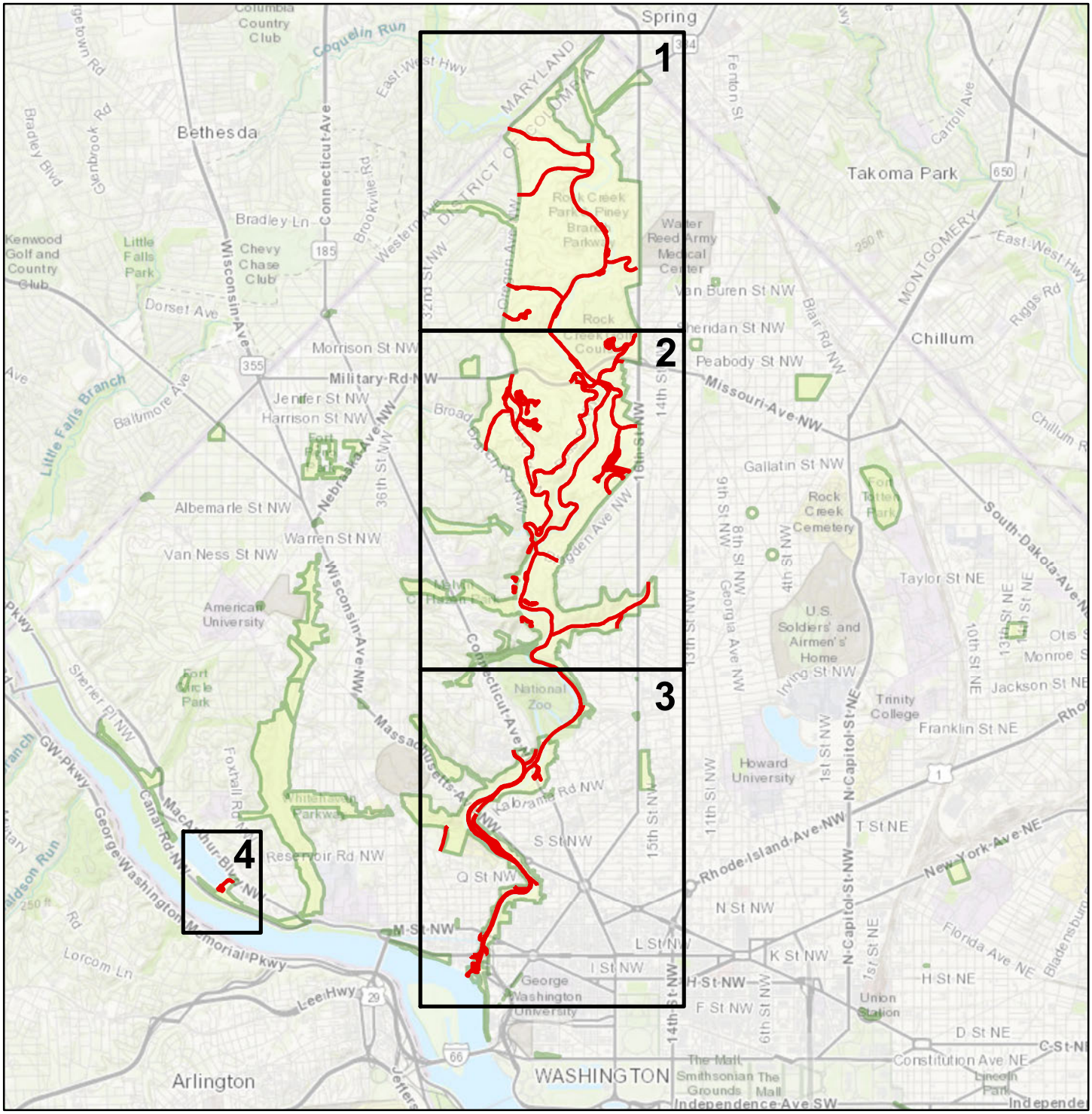
Rock Creek Park

Federal Lands Highway
Road Inventory Program

Rock Creek Park

ROUTE LOCATION MAP

Key Map



Sources: Esri, HERE, Garmin, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), swisstopo, © OpenStreetMap contributors, and the GIS User Community

NPS Collected Routes

Miles

0 2 4

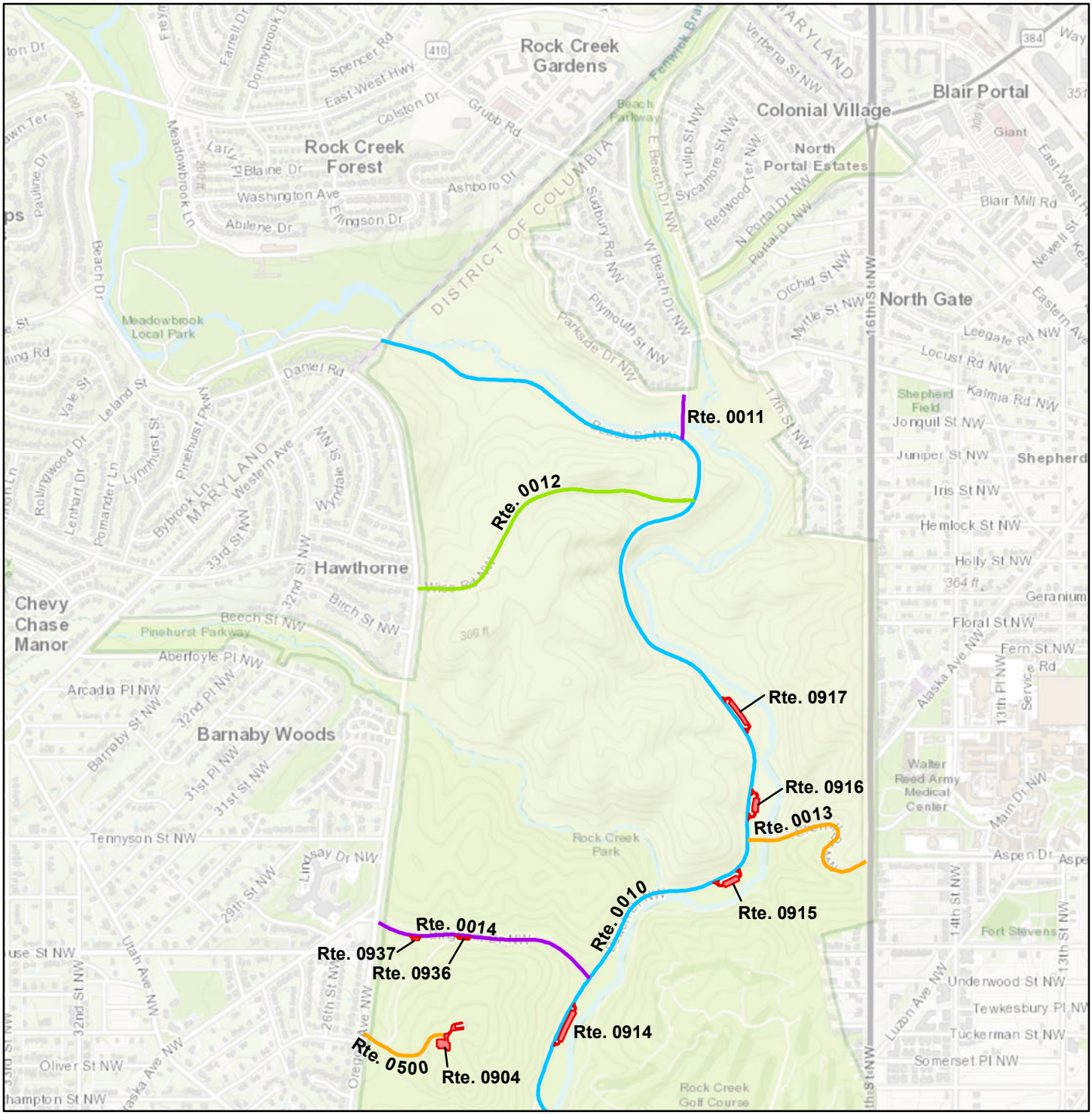
N

4-1

Rock Creek Park

ROUTE LOCATION MAP

MAP 1



Sources: Esri, HERE, Garmin, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), swisstopo, © OpenStreetMap contributors, and the GIS User Community

Note: Unique colors are used to differentiate roads

Miles

0 0.5 1

N

Rock Creek Park

ROUTE LOCATION MAP

MAP 2

Sources: Esri, HERE, Garmin, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), swisstopo, © OpenStreetMap contributors, and the GIS User Community

Note: Unique colors are used to differentiate roads

Miles

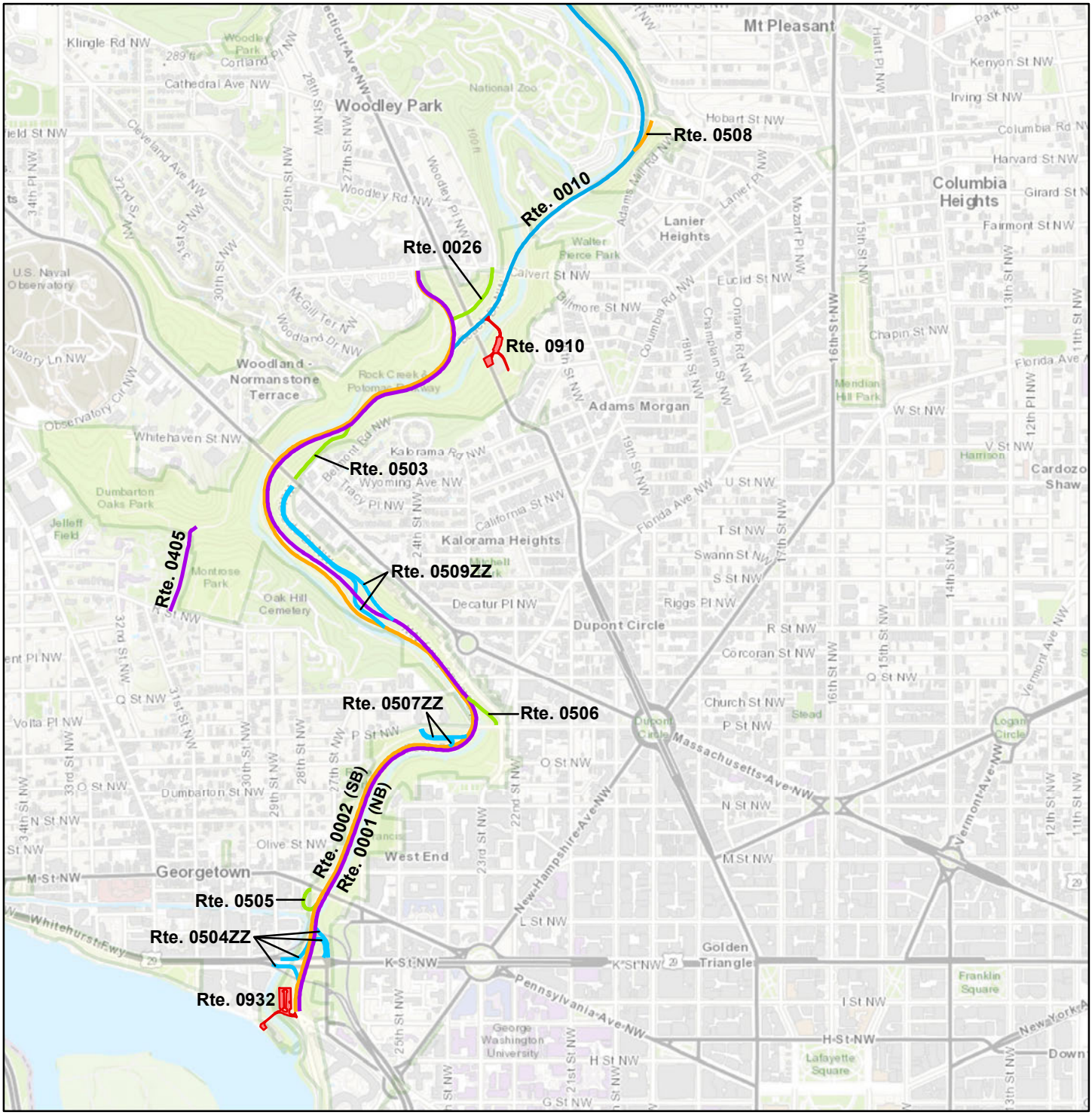
0 0.5 1

N

Rock Creek Park

ROUTE LOCATION MAP

MAP 3



Note: Unique colors are used to differentiate roads

Miles

0 0.5 1

N

Rock Creek Park

ROUTE LOCATION MAP

MAP 4

Note: Unique colors are used to differentiate roads

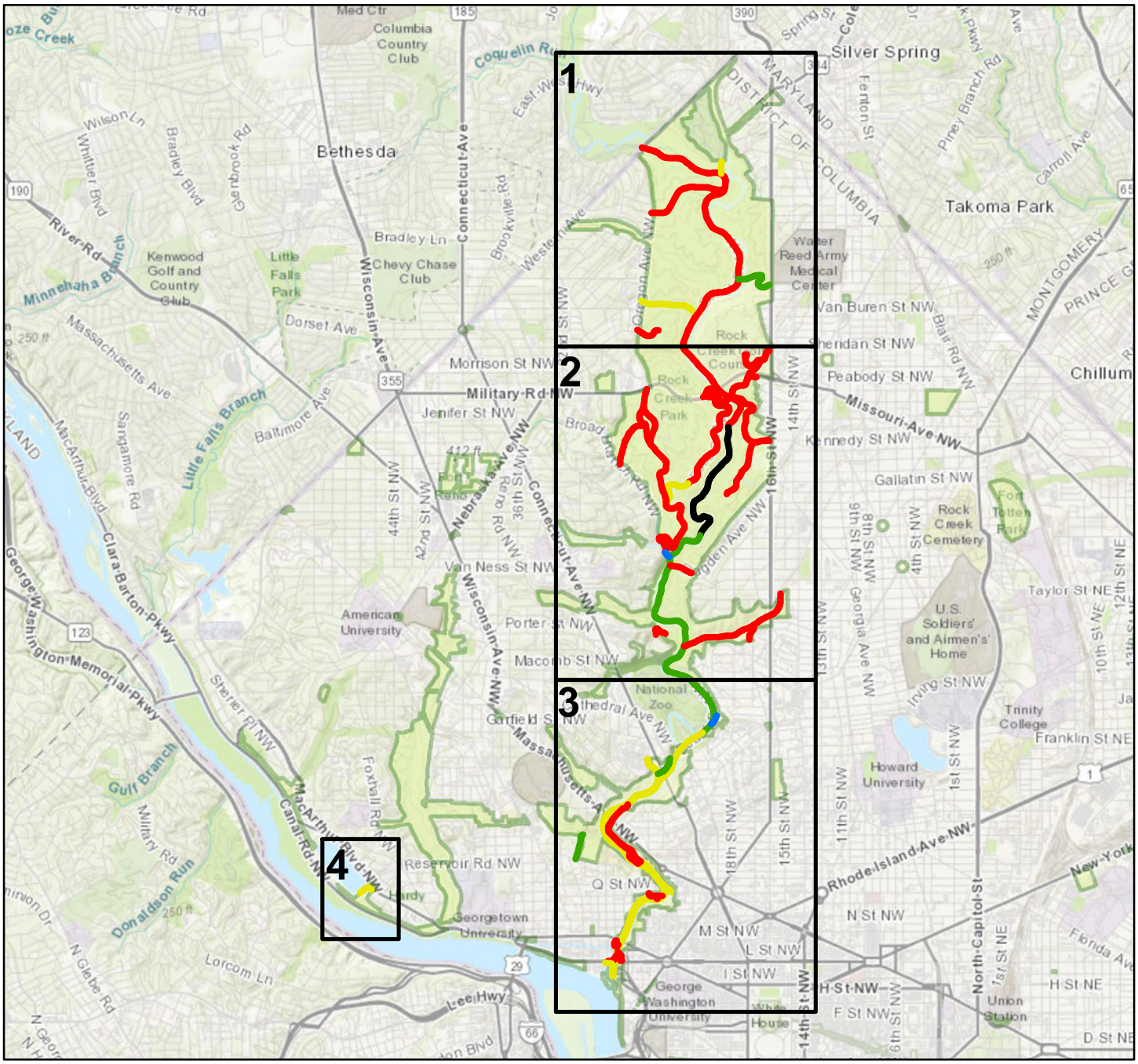
Miles

0 0.1 0.2

N

Rock Creek Park

ROUTE CONDITION MAP
PCR - MILE BY MILE
Key Map



Sources: Esri, HERE, Garmin, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), (c) OpenStreetMap contributors, and the GIS User Community

Route Condition Legend – Pavement Condition Rating (PCR)

Poor (0 - 60)	Fair (61- 84)	Good (85 - 94)	Excellent (95 - 100)	Not Rated

Colors on map represent condition scores at 1-mile intervals. See Appendix for definitions and formulas
Only Data Collection Vehicle and Manually Rated Roads are displayed

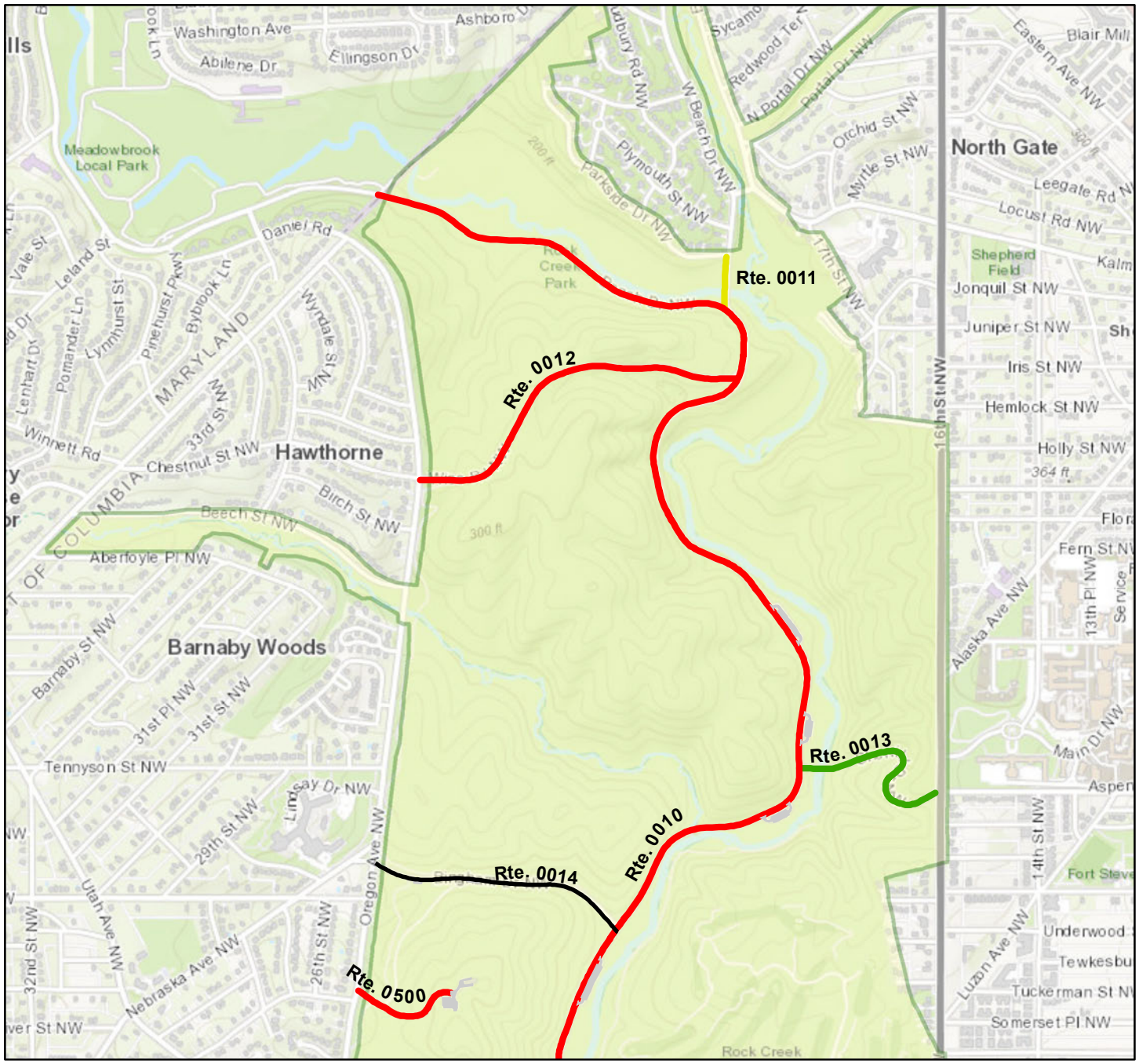
Miles

0 3 6

N

Rock Creek Park

ROUTE CONDITION MAP
PCR - MILE BY MILE
Area Map 1



Sources: Esri, HERE, Garmin, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), (c) OpenStreetMap contributors, and the GIS User Community

Route Condition Legend – Pavement Condition Rating (PCR)

Poor (0 - 60)	Fair (61- 84)	Good (85 - 94)	Excellent (95 - 100)	Not Rated

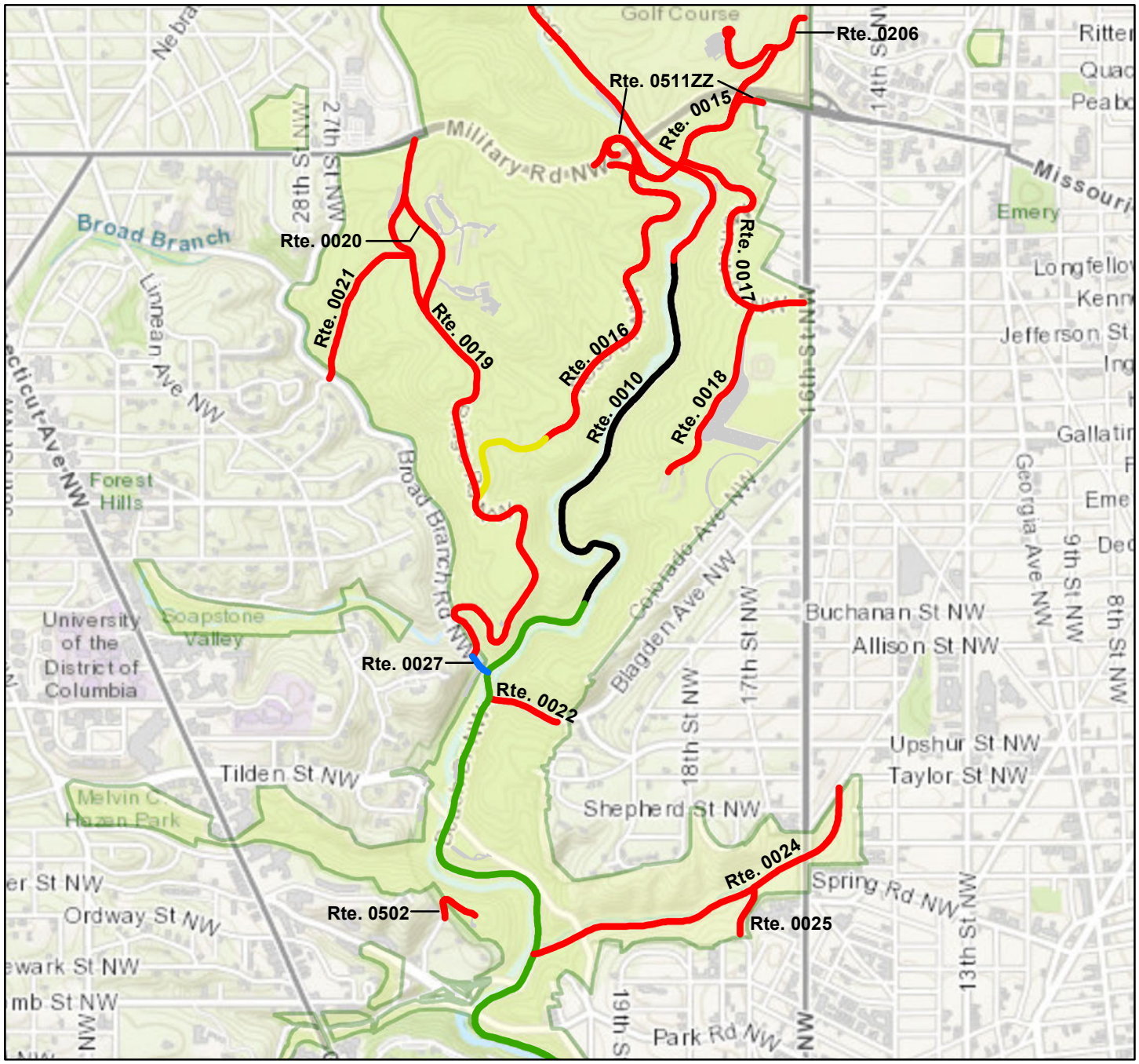
Colors on map represent condition scores at 1-mile intervals. See Appendix for definitions and formulas
Only Data Collection Vehicle and Manually Rated Roads are displayed

Miles
0 0.75 1.5

N

Rock Creek Park

ROUTE CONDITION MAP
PCR - MILE BY MILE
Area Map 2



Sources: Esri, HERE, Garmin, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), (c) OpenStreetMap contributors, and the GIS User Community

Route Condition Legend – Pavement Condition Rating (PCR)

Poor (0 - 60)	Fair (61- 84)	Good (85 - 94)	Excellent (95 - 100)	Not Rated

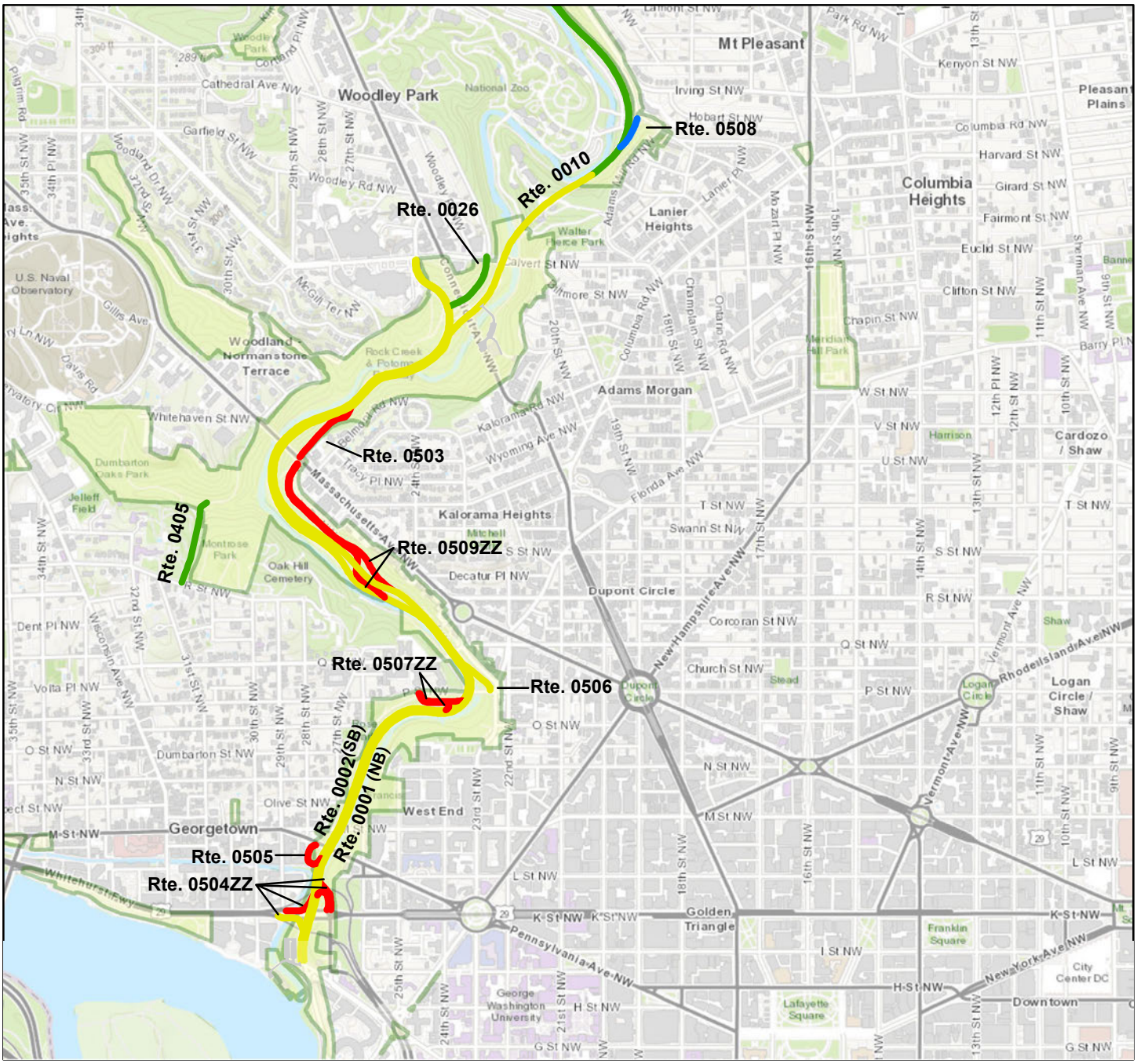
Colors on map represent condition scores at 1-mile intervals. See Appendix for definitions and formulas
Only Data Collection Vehicle and Manually Rated Roads are displayed

Miles
0 1 2

N

Rock Creek Park

ROUTE CONDITION MAP
PCR - MILE BY MILE
Area Map 3



Sources: Esri, HERE, Garmin, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), (c) OpenStreetMap contributors, and the GIS User Community

Route Condition Legend – Pavement Condition Rating (PCR)

Poor (0 - 60)	Fair (61- 84)	Good (85 - 94)	Excellent (95 - 100)	Not Rated

Colors on map represent condition scores at 1-mile intervals. See Appendix for definitions and formulas
Only Data Collection Vehicle and Manually Rated Roads are displayed

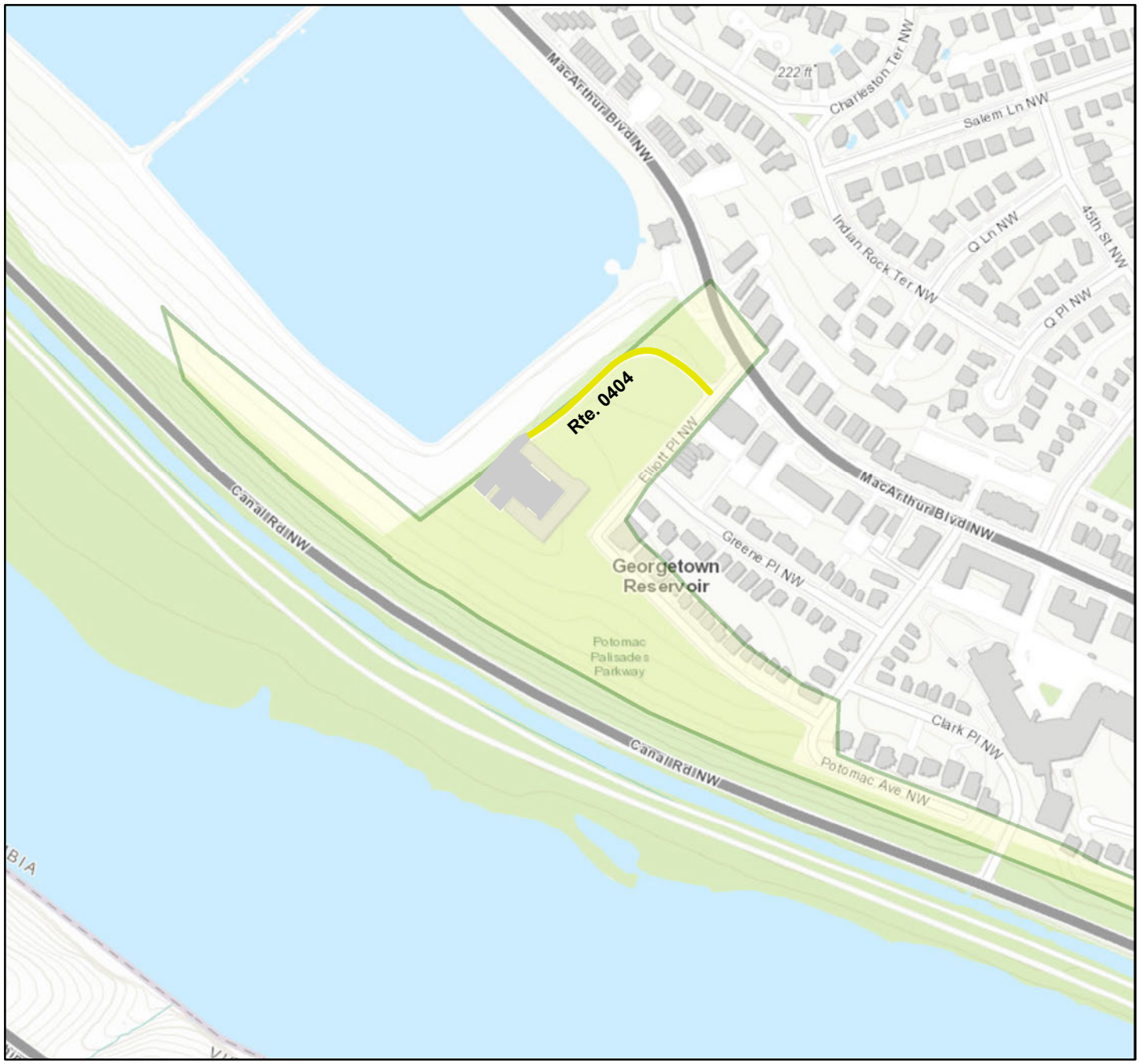
Miles

0 1 2

N

Rock Creek Park

ROUTE CONDITION MAP
PCR - MILE BY MILE
Area Map 4



Sources: Esri, HERE, Garmin, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), (c) OpenStreetMap contributors, and the GIS User Community

Route Condition Legend – Pavement Condition Rating (PCR)

Poor (0 - 60)	Fair (61- 84)	Good (85 - 94)	Excellent (95 - 100)	Not Rated

Colors on map represent condition scores at 1-mile intervals. See Appendix for definitions and formulas
Only Data Collection Vehicle and Manually Rated Roads are displayed

Miles

0 0.1 0.2

N

Section 5
Paved Road Condition Rating Sheets

Rock Creek Park

Federal Lands Highway
Road Inventory Program

Rock Creek Park

ROUTE 0001: ROCK CREEK AND POTOMAC PARKWAY NORTHBOUND

Data Collection Vehicle (DCV) Rating

Sources: Esri, HERE, Garmin, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), (c) OpenStreetMap contributors, and the GIS User Community

Route Condition Legend – Pavement Condition Rating (PCR)

Poor (0 - 60)	Fair (61- 84)	Good (85 - 94)	Excellent (95 - 100)	Not Rated

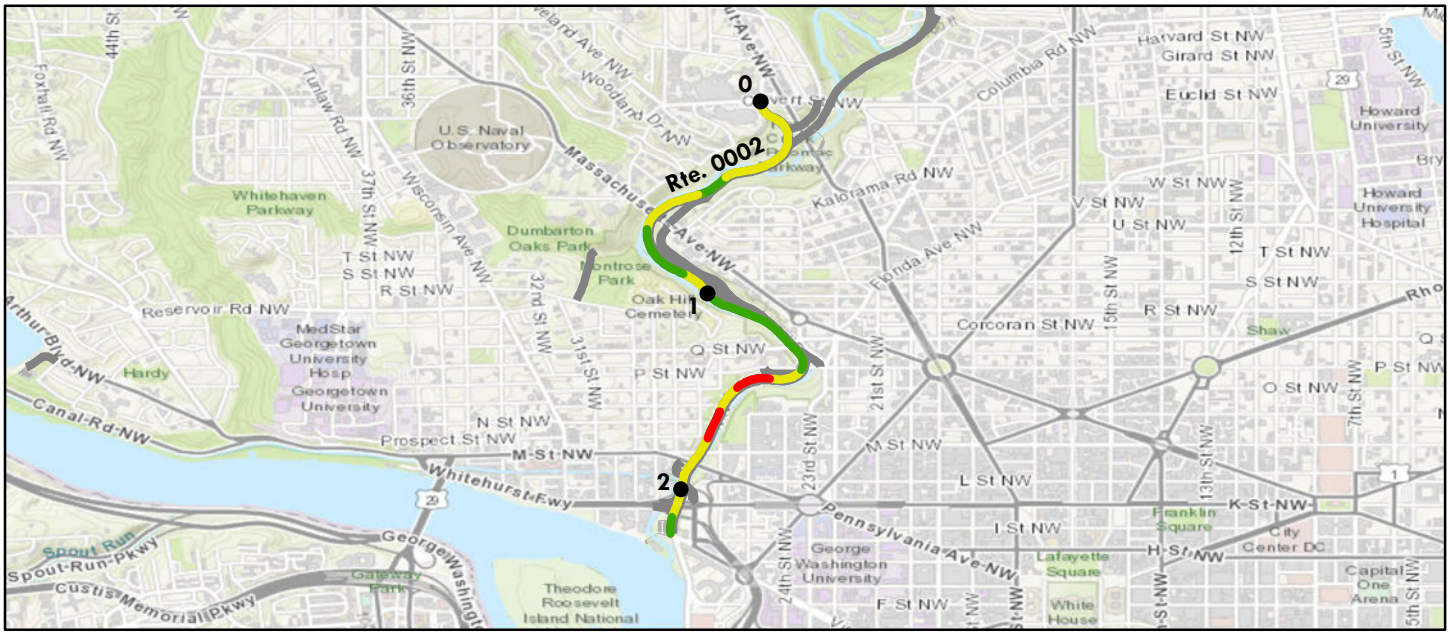
Colors on map represent condition scores at 0.10-mile intervals. See Appendix for definitions and formulas.

Inspection Date: 3/23/2018	**Beginning Section MP**	0	1	2		
Paved Length (Miles): 2.16	**Section Length (MI)**	1	1	0.16		
Surface Type: ASPHALT	**Route Summary**					
Roadway Condition Information						
Pavement Condition Rating (PCR)	72	64	80	67		
Surface Condition Rating (SCR)	72	61	82	72		
Roughness Condition Index (RCI)	72	69	76	59		
Distress Index Values						
Structural Crack Index	72	62	82	72		
Alligator Crack Index	100	100	100	100		
Longitudinal Crack Index	72	62	82	72		
Transverse Cracking Index	77	61	91	95		
Patching Index	100	100	100	100		
Rutting Index	99	99	100	97		
International Roughness Index (IRI)	195	204	183	244		
Lane & Width Information						
Number of Lanes	2	2	2	1		
Paved Width (ft)	22.4	23.8	22.3	14.3		
Lane Width (ft)	10.5	10.5	10.3	11.3		

Rock Creek Park

ROUTE 0002: ROCK CREEK AND POTOMAC PARKWAY SOUTHBOUND

Data Collection Vehicle (DCV) Rating



Sources: Esri, HERE, Garmin, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), (c) OpenStreetMap contributors, and the GIS User Community

Route Condition Legend – Pavement Condition Rating (PCR)

Poor (0 - 60)	Fair (61- 84)	Good (85 - 94)	Excellent (95 - 100)	Not Rated

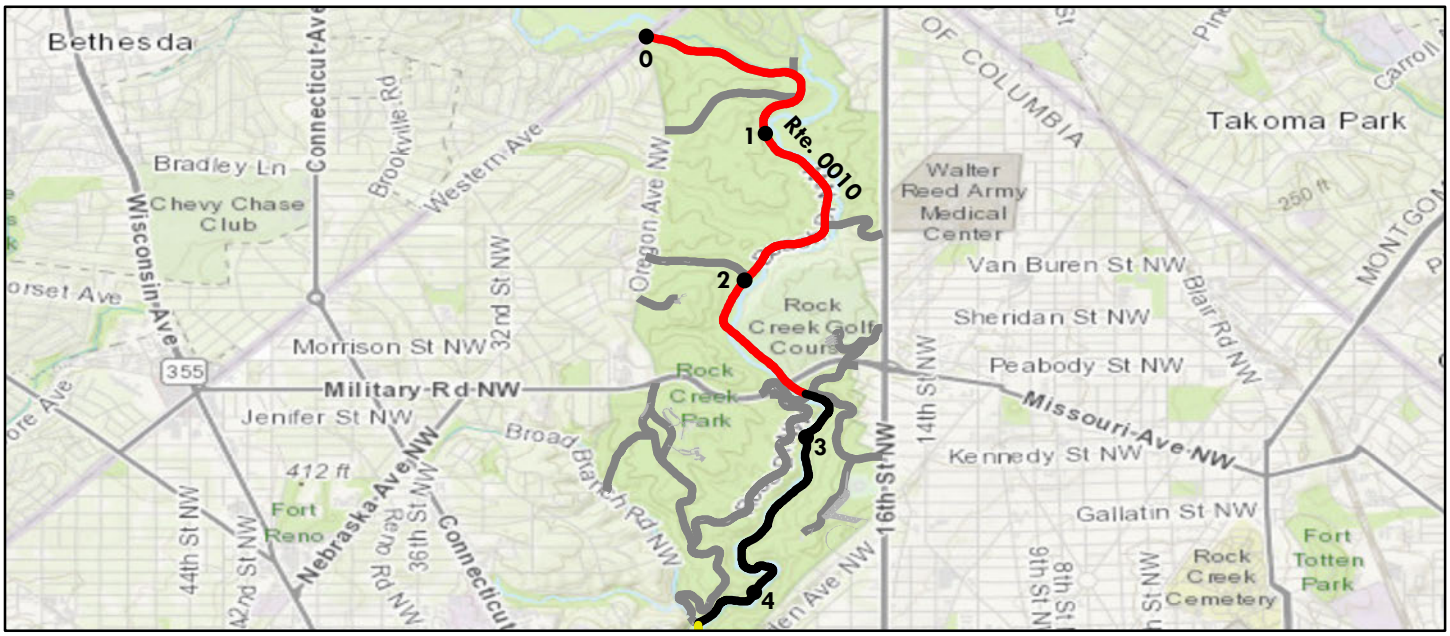
Colors on map represent condition scores at 0.10-mile intervals. See Appendix for definitions and formulas.

Inspection Date: 3/23/2018	**Beginning Section MP**	0	1	2		
Paved Length (Miles): 2.16	**Section Length (MI)**	1	1	0.16		
Surface Type: ASPHALT	**Route Summary**					
Roadway Condition Information						
Pavement Condition Rating (PCR)	80	78	80	77		
Surface Condition Rating (SCR)	86	84	82	77		
Roughness Condition Index (RCI)	72	69	78	N/A		
Distress Index Values						
Structural Crack Index	86	84	86	95		
Alligator Crack Index	100	100	100	100		
Longitudinal Crack Index	86	84	86	95		
Transverse Cracking Index	86	92	82	77		
Patching Index	100	100	100	100		
Rutting Index	97	100	96	92		
International Roughness Index (IRI)	195	206	176	N/A		
Lane & Width Information						
Number of Lanes	2	2	2	2		
Paved Width (ft)	22.9	21	24.4	25.5		
Lane Width (ft)	10.7	10.8	10.6	10.7		

Rock Creek Park

ROUTE 0010: BEACH DRIVE NORTHWEST

Data Collection Vehicle (DCV) Rating



Sources: Esri, HERE, Garmin, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), (c) OpenStreetMap contributors, and the GIS User Community

Route Condition Legend – Pavement Condition Rating (PCR)

Poor (0 - 60)	Fair (61- 84)	Good (85 - 94)	Excellent (95 - 100)	Not Rated

Colors on map represent condition scores at 0.10-mile intervals. See Appendix for definitions and formulas.

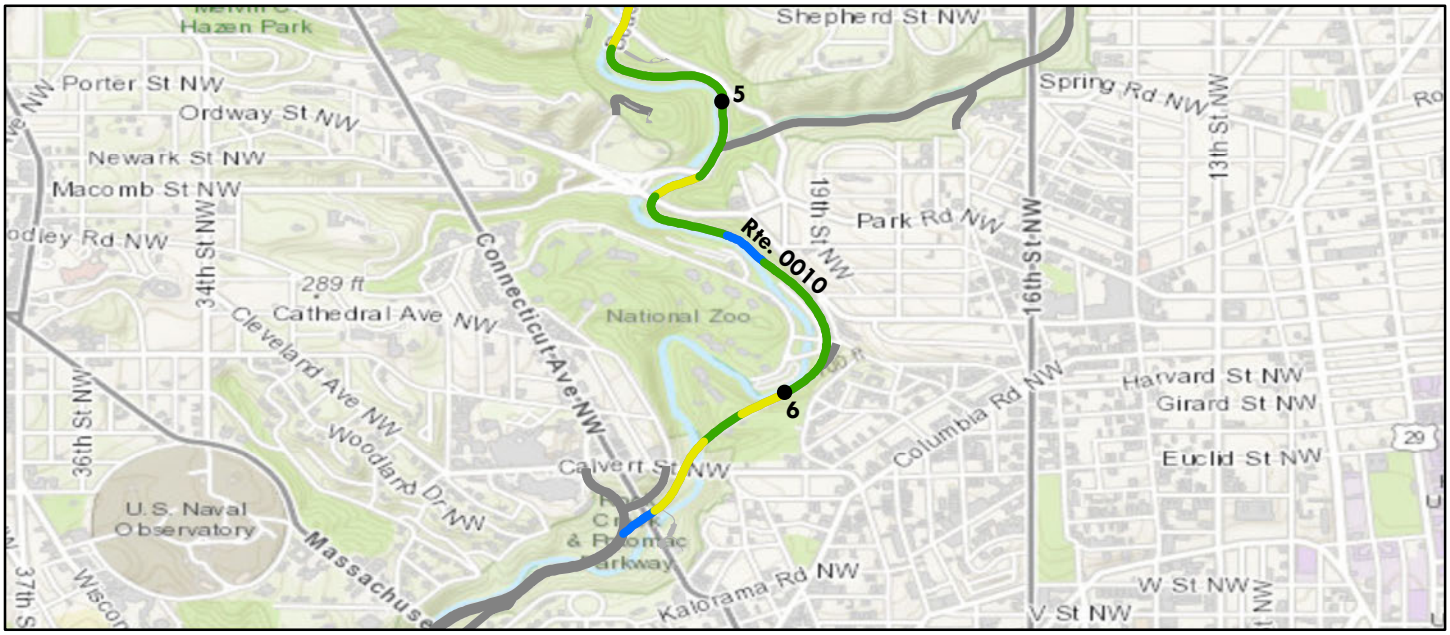
Inspection Date: 6/7/2018	**Beginning Section MP**	0	1	2	3	4
Paved Length (Miles): 6.48	**Section Length (MI)**	1	1	1	1	1
Surface Type: ASPHALT	**Route Summary**					
Roadway Condition Information						
Pavement Condition Rating (PCR)	37	19	18	19	N/A	85
Surface Condition Rating (SCR)	26	0	0	0	N/A	100
Roughness Condition Index (RCI)	54	48	45	48	N/A	63
Distress Index Values						
Structural Crack Index	26	0	0	0	N/A	100
Alligator Crack Index	88	82	90	59	N/A	100
Longitudinal Crack Index	38	8	0	0	N/A	100
Transverse Cracking Index	68	57	43	15	N/A	100
Patching Index	96	97	88	92	N/A	100
Rutting Index	96	93	92	92	N/A	100
International Roughness Index (IRI)	264	294	307	295	N/A	228
Lane & Width Information						
Number of Lanes	2	2	2	2	2	2
Paved Width (ft)	20.1	20.7	19.4	19	19	20.3
Lane Width (ft)	9.2	9.6	9.4	9	8.5	8.8

NOTE: Road was not rated from mile 2.68 to mile 4.30 due to construction.

Rock Creek Park

ROUTE 0010: BEACH DRIVE NORTHWEST

Data Collection Vehicle (DCV) Rating



Sources: Esri, HERE, Garmin, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), (c) OpenStreetMap contributors, and the GIS User Community

Route Condition Legend – Pavement Condition Rating (PCR)

Poor (0 - 60)	Fair (61- 84)	Good (85 - 94)	Excellent (95 - 100)	Not Rated

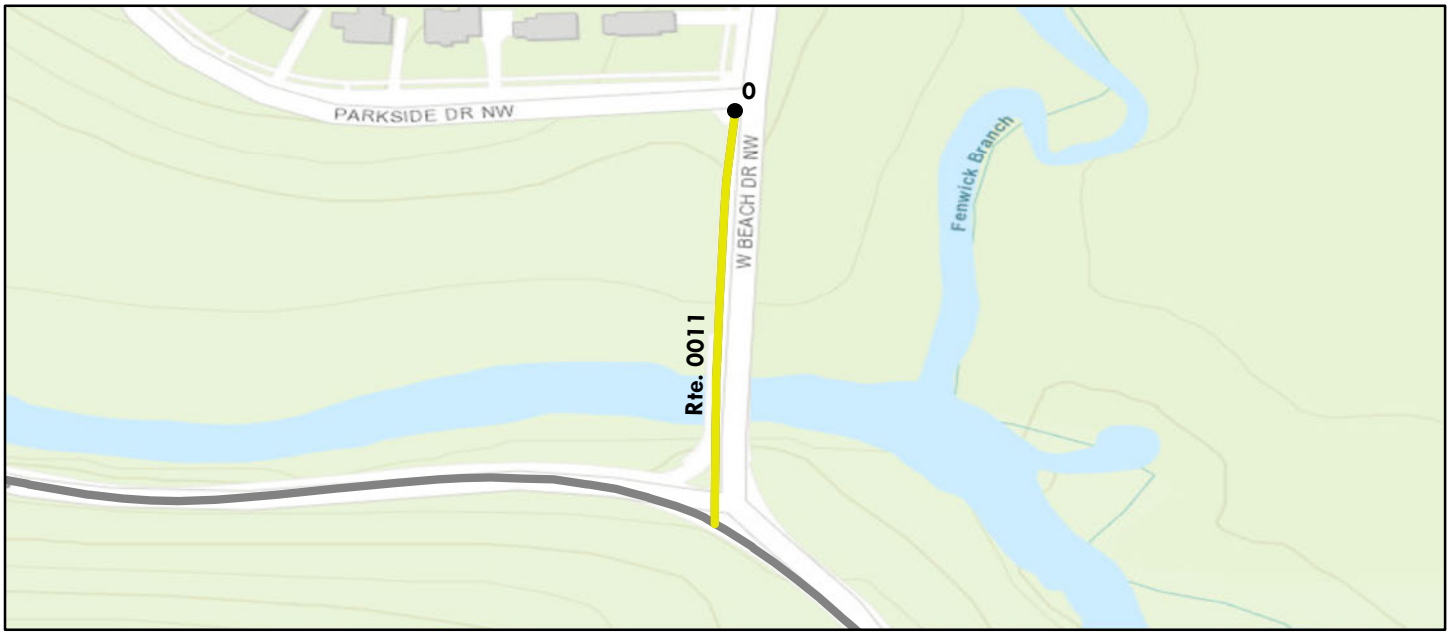
Colors on map represent condition scores at 0.10-mile intervals. See Appendix for definitions and formulas.

Inspection Date: 6/7/2018	**Beginning Section MP**	5	6			
Paved Length (Miles): 6.48	**Section Length (MI)**	1	0.48			
Surface Type: ASPHALT	**Route Summary**					
Roadway Condition Information						
Pavement Condition Rating (PCR)	37	88	83			
Surface Condition Rating (SCR)	26	100	99			
Roughness Condition Index (RCI)	54	69	58			
Distress Index Values						
Structural Crack Index	26	100	100			
Alligator Crack Index	88	100	100			
Longitudinal Crack Index	38	100	100			
Transverse Cracking Index	68	100	99			
Patching Index	96	100	100			
Rutting Index	96	100	99			
International Roughness Index (IRI)	264	204	247			
Lane & Width Information						
Number of Lanes	2	2	2			
Paved Width (ft)	20.1	22	22			
Lane Width (ft)	9.2	9.6	10.2			

Rock Creek Park

ROUTE 0011: WEST BEACH DRIVE NORTHWEST

Data Collection Vehicle (DCV) Rating



Sources: Esri, HERE, Garmin, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), (c) OpenStreetMap contributors, and the GIS User Community

Route Condition Legend – Pavement Condition Rating (PCR)

Poor (0 - 60)	Fair (61- 84)	Good (85 - 94)	Excellent (95 - 100)	Not Rated

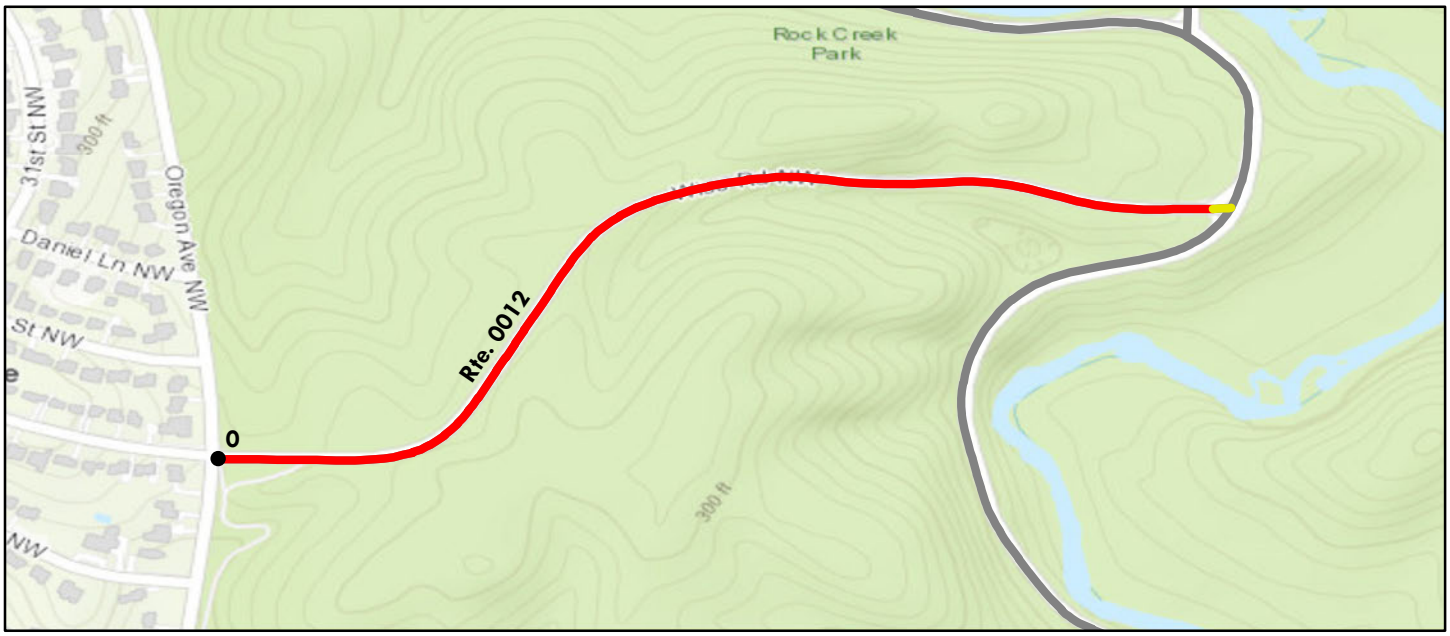
Colors on map represent condition scores at 0.10-mile intervals. See Appendix for definitions and formulas.

Inspection Date: 3/23/2018	**Beginning Section MP**	0				
Paved Length (Miles): 0.08	**Section Length (MI)**	0.08				
Surface Type: ASPHALT	**Route Summary**					
Roadway Condition Information						
Pavement Condition Rating (PCR)	76	76				
Surface Condition Rating (SCR)	76	76				
Roughness Condition Index (RCI)	N/A	N/A				
Distress Index Values						
Structural Crack Index	76	76				
Alligator Crack Index	99	99				
Longitudinal Crack Index	77	77				
Transverse Cracking Index	94	94				
Patching Index	100	100				
Rutting Index	96	96				
International Roughness Index (IRI)	N/A	N/A				
Lane & Width Information						
Number of Lanes	2	2				
Paved Width (ft)	25.3	25.3				
Lane Width (ft)	11.5	11.5				

Rock Creek Park

ROUTE 0012: WISE ROAD NORTHWEST

Data Collection Vehicle (DCV) Rating



Sources: Esri, HERE, Garmin, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), (c) OpenStreetMap contributors, and the GIS User Community

Route Condition Legend – Pavement Condition Rating (PCR)

Poor (0 - 60)	Fair (61- 84)	Good (85 - 94)	Excellent (95 - 100)	Not Rated

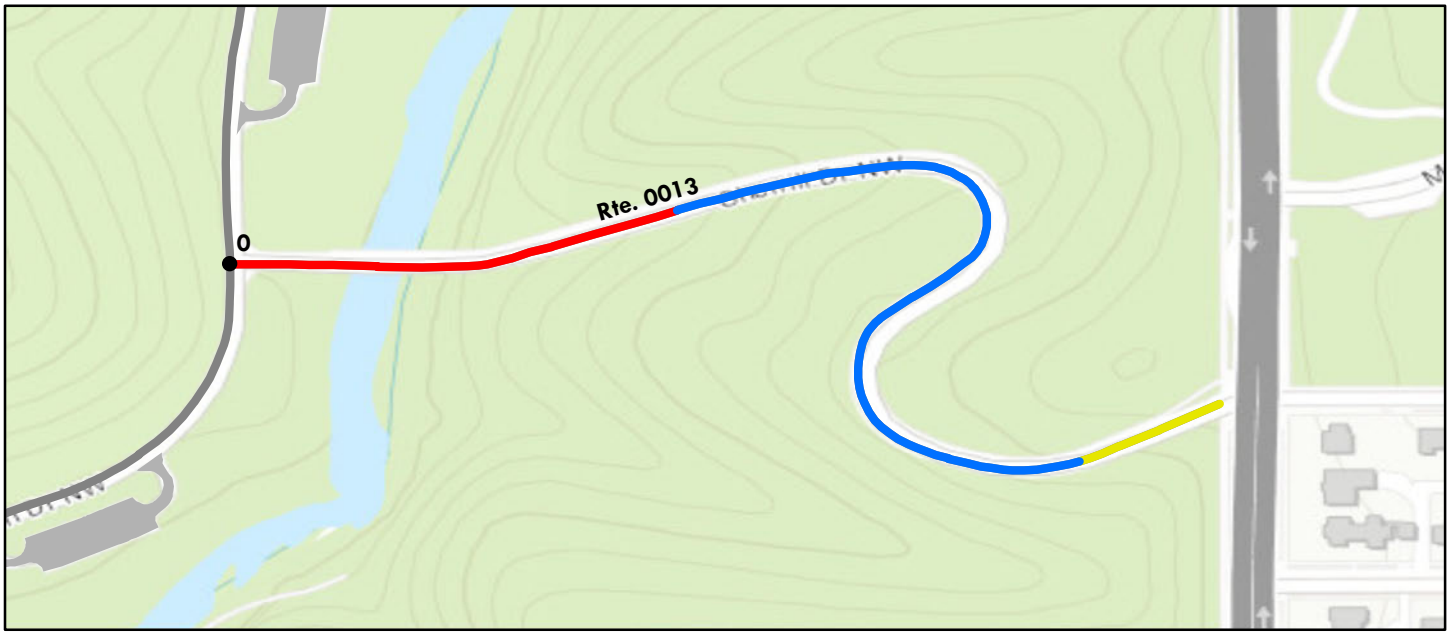
Colors on map represent condition scores at 0.10-mile intervals. See Appendix for definitions and formulas.

Inspection Date: 3/23/2018	**Beginning Section MP**	0				
Paved Length (Miles): 0.61	**Section Length (MI)**	0.61				
Surface Type: ASPHALT	**Route Summary**					
Roadway Condition Information						
Pavement Condition Rating (PCR)	27	27				
Surface Condition Rating (SCR)	0	0				
Roughness Condition Index (RCI)	67	67				
Distress Index Values						
Structural Crack Index	0	0				
Alligator Crack Index	69	69				
Longitudinal Crack Index	1	1				
Transverse Cracking Index	77	77				
Patching Index	93	93				
Rutting Index	92	92				
International Roughness Index (IRI)	212	212				
Lane & Width Information						
Number of Lanes	2	2				
Paved Width (ft)	22.3	22.3				
Lane Width (ft)	10.5	10.5				

Rock Creek Park

ROUTE 0013: SHERRILL DRIVE NORTHWEST

Data Collection Vehicle (DCV) Rating



Sources: Esri, HERE, Garmin, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), (c) OpenStreetMap contributors, and the GIS User Community

Route Condition Legend – Pavement Condition Rating (PCR)

Poor (0 - 60)	Fair (61- 84)	Good (85 - 94)	Excellent (95 - 100)	Not Rated

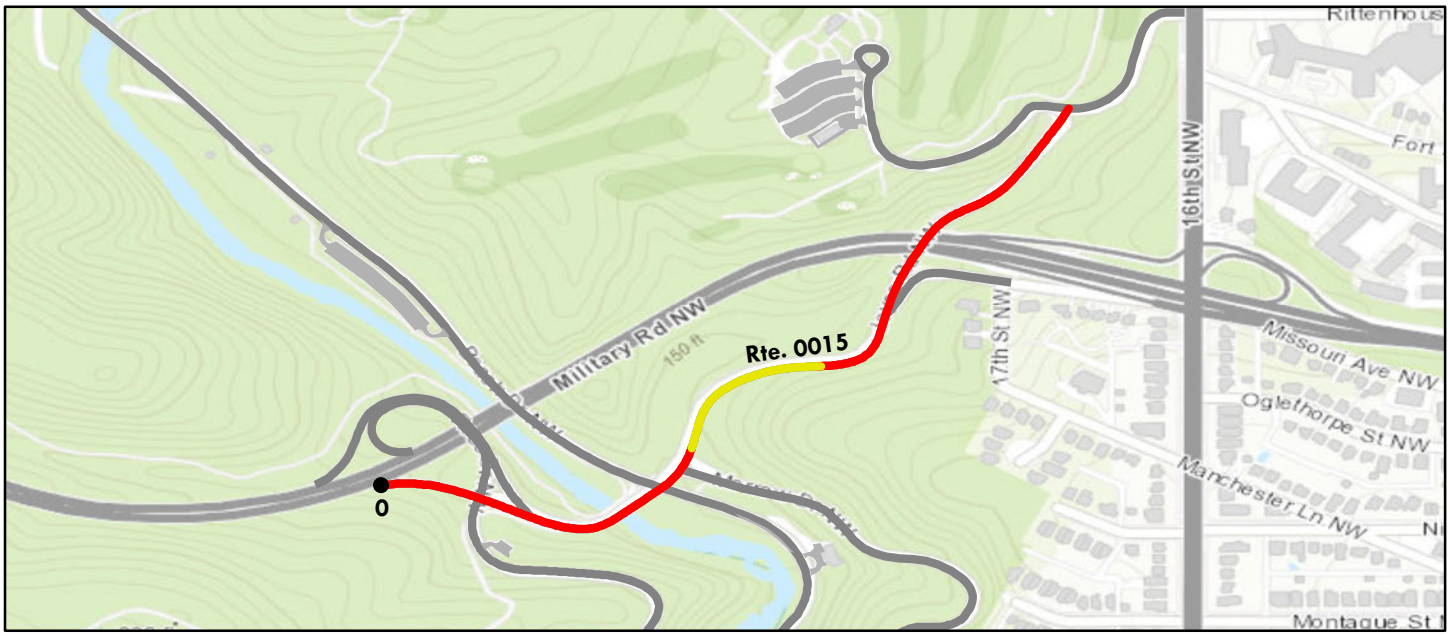
Colors on map represent condition scores at 0.10-mile intervals. See Appendix for definitions and formulas.

Inspection Date: 3/23/2018	**Beginning Section MP**	0				
Paved Length (Miles): 0.33	**Section Length (MI)**	0.33				
Surface Type: ASPHALT	**Route Summary**					
Roadway Condition Information						
Pavement Condition Rating (PCR)	85	85				
Surface Condition Rating (SCR)	85	85				
Roughness Condition Index (RCI)	N/A	N/A				
Distress Index Values						
Structural Crack Index	85	85				
Alligator Crack Index	100	100				
Longitudinal Crack Index	85	85				
Transverse Cracking Index	89	89				
Patching Index	100	100				
Rutting Index	99	99				
International Roughness Index (IRI)	N/A	N/A				
Lane & Width Information						
Number of Lanes	2	2				
Paved Width (ft)	18.6	18.6				
Lane Width (ft)	8.7	8.7				

Rock Creek Park

ROUTE 0015: JOYCE ROAD NORTHWEST

Data Collection Vehicle (DCV) Rating



Sources: Esri, HERE, Garmin, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), (c) OpenStreetMap contributors, and the GIS User Community

Route Condition Legend – Pavement Condition Rating (PCR)

Poor (0 - 60)	Fair (61- 84)	Good (85 - 94)	Excellent (95 - 100)	Not Rated

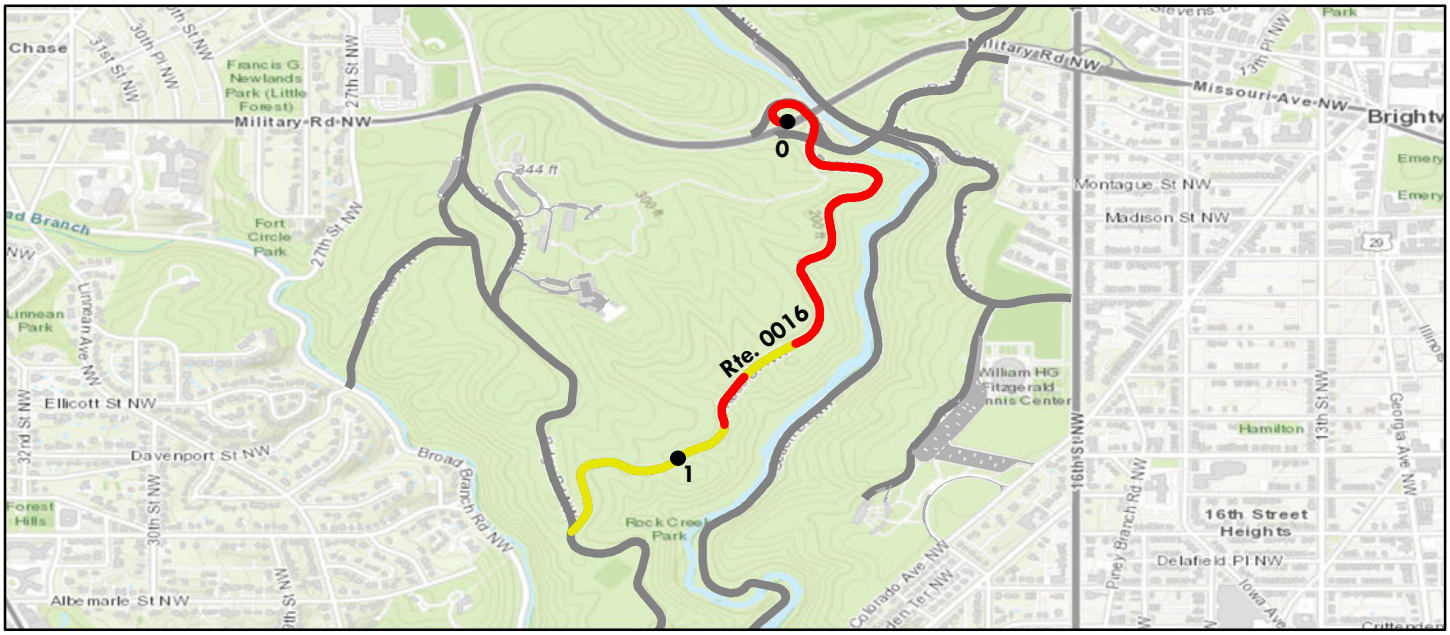
Colors on map represent condition scores at 0.10-mile intervals. See Appendix for definitions and formulas.

Inspection Date: 3/23/2018	**Beginning Section MP**	0				
Paved Length (Miles): 0.53	**Section Length (MI)**	0.53				
Surface Type: ASPHALT	**Route Summary**					
Roadway Condition Information						
Pavement Condition Rating (PCR)	45	45				
Surface Condition Rating (SCR)	41	41				
Roughness Condition Index (RCI)	51	51				
Distress Index Values						
Structural Crack Index	41	41				
Alligator Crack Index	93	93				
Longitudinal Crack Index	48	48				
Transverse Cracking Index	62	62				
Patching Index	99	99				
Rutting Index	97	97				
International Roughness Index (IRI)	277	277				
Lane & Width Information						
Number of Lanes	2	2				
Paved Width (ft)	22.9	22.9				
Lane Width (ft)	14.2	14.2				

Rock Creek Park

ROUTE 0016: ROSS DRIVE NORTHWEST

Data Collection Vehicle (DCV) Rating



Sources: Esri, HERE, Garmin, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), (c) OpenStreetMap contributors, and the GIS User Community

Route Condition Legend – Pavement Condition Rating (PCR)

Poor (0 - 60)	Fair (61- 84)	Good (85 - 94)	Excellent (95 - 100)	Not Rated

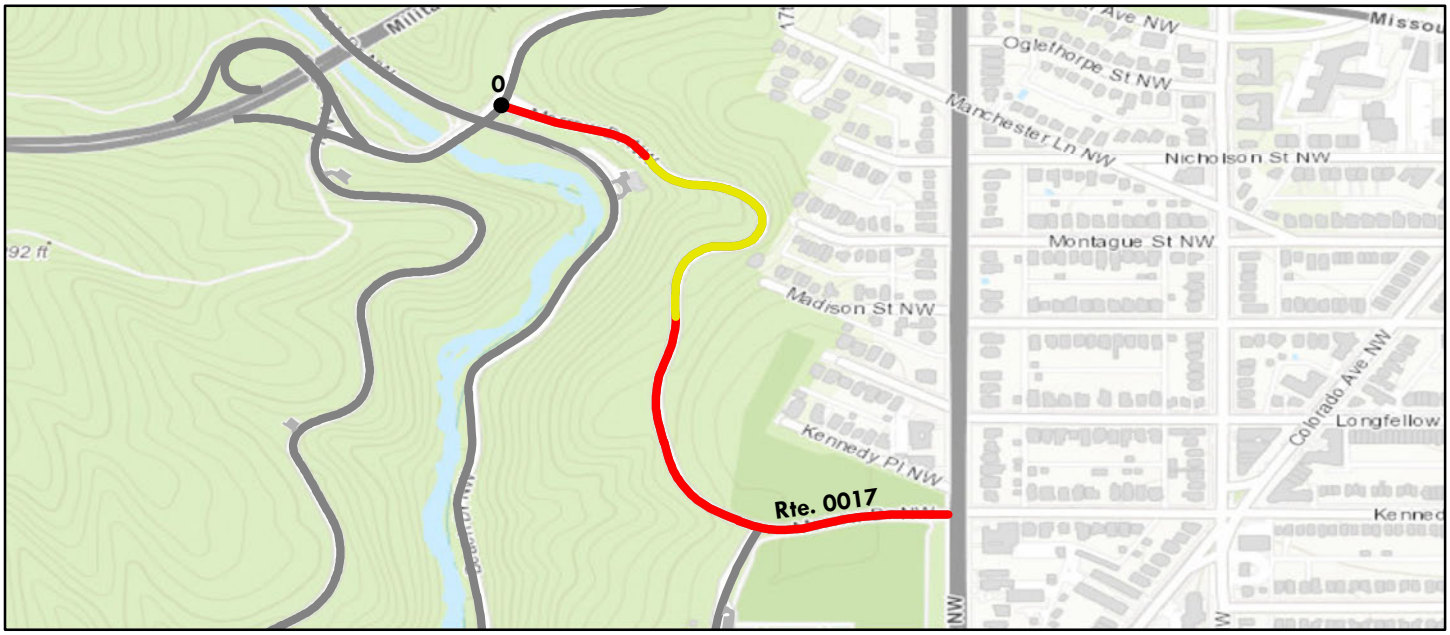
Colors on map represent condition scores at 0.10-mile intervals. See Appendix for definitions and formulas.

Inspection Date: 3/23/2018	**Beginning Section MP**	0	1			
Paved Length (Miles): 1.27	**Section Length (MI)**	1	0.27			
Surface Type: ASPHALT	**Route Summary**					
Roadway Condition Information						
Pavement Condition Rating (PCR)	56	53	68			
Surface Condition Rating (SCR)	56	51	74			
Roughness Condition Index (RCI)	57	56	60			
Distress Index Values						
Structural Crack Index	56	51	74			
Alligator Crack Index	87	86	93			
Longitudinal Crack Index	69	65	81			
Transverse Cracking Index	75	73	84			
Patching Index	99	99	100			
Rutting Index	98	98	98			
International Roughness Index (IRI)	251	256	239			
Lane & Width Information						
Number of Lanes	2	2	2			
Paved Width (ft)	19.8	19.3	21.6			
Lane Width (ft)	10.6	10.4	11.3			

Rock Creek Park

ROUTE 0017: MORROW DRIVE NORTHWEST

Data Collection Vehicle (DCV) Rating



Sources: Esri, HERE, Garmin, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), (c) OpenStreetMap contributors, and the GIS User Community

Route Condition Legend – Pavement Condition Rating (PCR)

Poor (0 - 60)	Fair (61- 84)	Good (85 - 94)	Excellent (95 - 100)	Not Rated

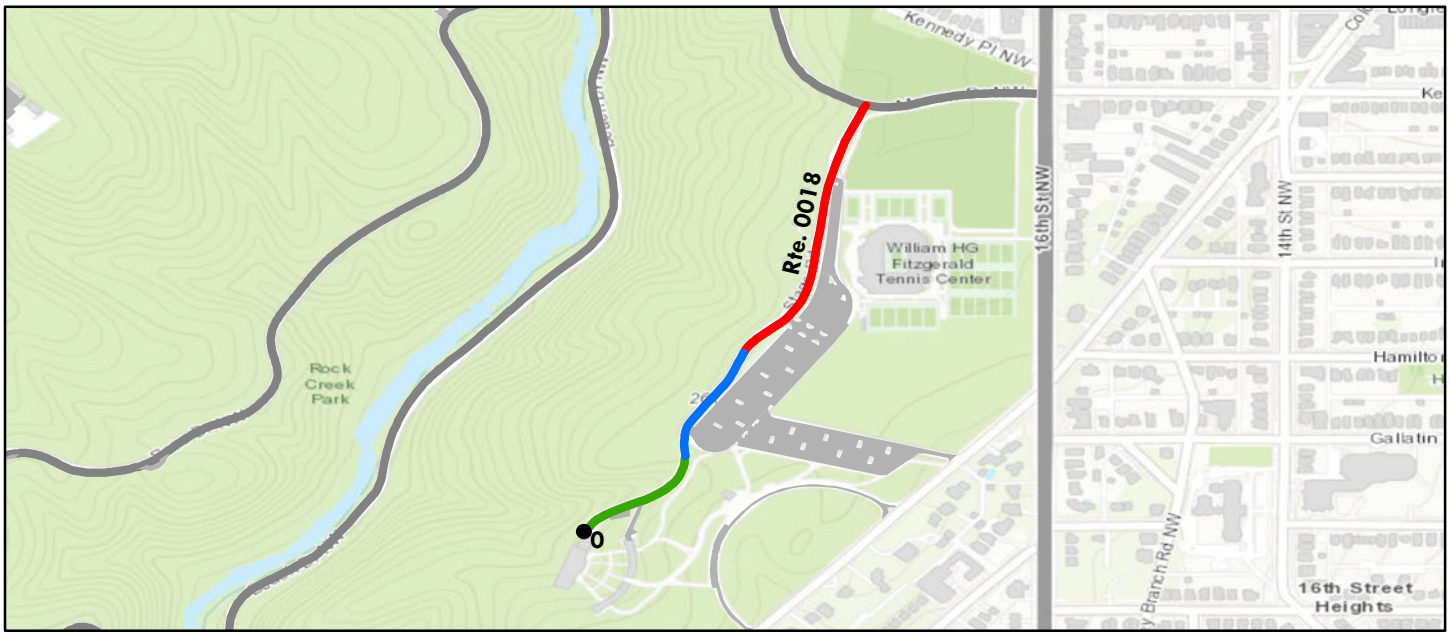
Colors on map represent condition scores at 0.10-mile intervals. See Appendix for definitions and formulas.

Inspection Date: 3/23/2018	**Beginning Section MP**	0				
Paved Length (Miles): 0.61	**Section Length (MI)**	0.61				
Surface Type: ASPHALT	**Route Summary**					
Roadway Condition Information						
Pavement Condition Rating (PCR)	46	46				
Surface Condition Rating (SCR)	30	30				
Roughness Condition Index (RCI)	69	69				
Distress Index Values						
Structural Crack Index	47	47				
Alligator Crack Index	100	100				
Longitudinal Crack Index	47	47				
Transverse Cracking Index	30	30				
Patching Index	98	98				
Rutting Index	97	97				
International Roughness Index (IRI)	204	204				
Lane & Width Information						
Number of Lanes	2	2				
Paved Width (ft)	23.5	23.5				
Lane Width (ft)	10.6	10.6				

Rock Creek Park

ROUTE 0018: STAGE ROAD

Data Collection Vehicle (DCV) Rating



Sources: Esri, HERE, Garmin, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), (c) OpenStreetMap contributors, and the GIS User Community

Route Condition Legend – Pavement Condition Rating (PCR)

Poor (0 - 60)	Fair (61- 84)	Good (85 - 94)	Excellent (95 - 100)	Not Rated

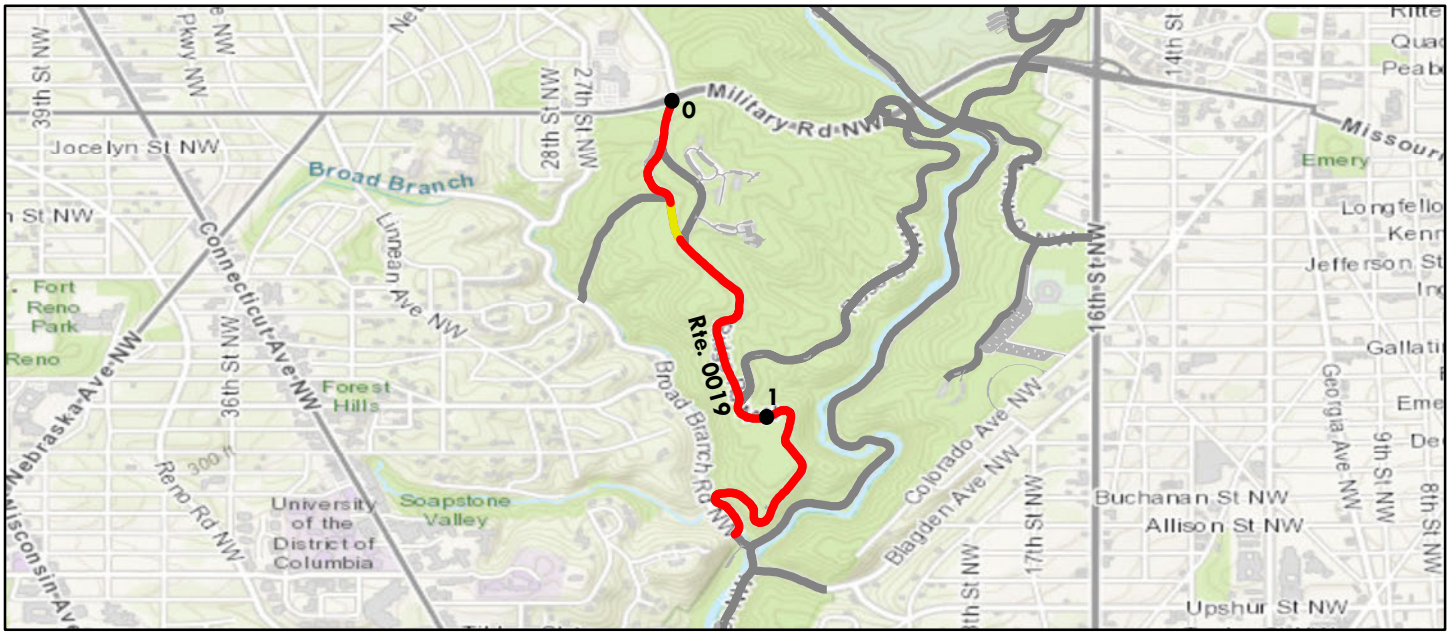
Colors on map represent condition scores at 0.10-mile intervals. See Appendix for definitions and formulas.

Inspection Date: 3/23/2018	**Beginning Section MP**	0				
Paved Length (Miles): 0.43	**Section Length (MI)**	0.43				
Surface Type: ASPHALT	**Route Summary**					
Roadway Condition Information						
Pavement Condition Rating (PCR)	58	58				
Surface Condition Rating (SCR)	58	58				
Roughness Condition Index (RCI)	N/A	N/A				
Distress Index Values						
Structural Crack Index	58	58				
Alligator Crack Index	91	91				
Longitudinal Crack Index	67	67				
Transverse Cracking Index	61	61				
Patching Index	100	100				
Rutting Index	97	97				
International Roughness Index (IRI)	N/A	N/A				
Lane & Width Information						
Number of Lanes	2	2				
Paved Width (ft)	20.7	20.7				
Lane Width (ft)	12.7	12.7				

Rock Creek Park

ROUTE 0019: GLOVER ROAD NORTHWEST/RIDGE ROAD NORTHWEST

Data Collection Vehicle (DCV) Rating



Sources: Esri, HERE, Garmin, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), (c) OpenStreetMap contributors, and the GIS User Community

Route Condition Legend – Pavement Condition Rating (PCR)

Poor (0 - 60)	Fair (61- 84)	Good (85 - 94)	Excellent (95 - 100)	Not Rated

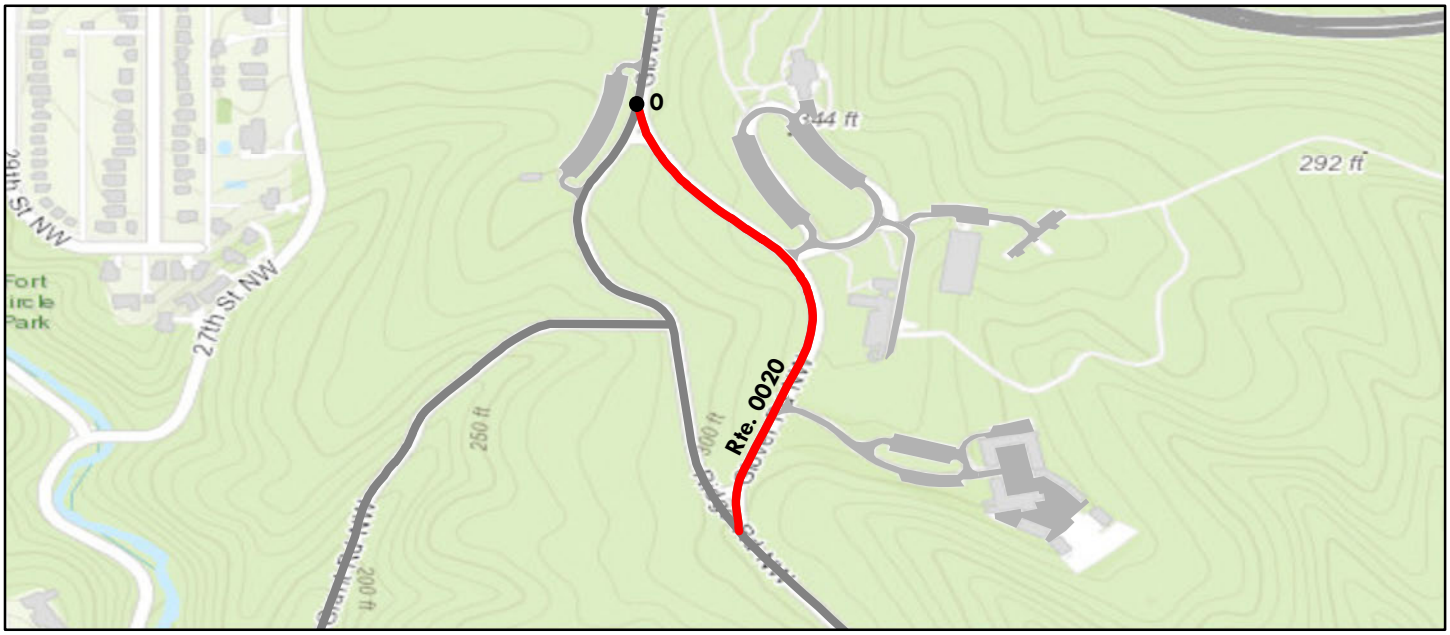
Colors on map represent condition scores at 0.10-mile intervals. See Appendix for definitions and formulas.

Inspection Date: 3/23/2018	**Beginning Section MP**	0	1			
Paved Length (Miles): 1.65	**Section Length (MI)**	1	0.65			
Surface Type: ASPHALT	**Route Summary**					
Roadway Condition Information						
Pavement Condition Rating (PCR)	34	34	34			
Surface Condition Rating (SCR)	25	23	29			
Roughness Condition Index (RCI)	48	50	42			
Distress Index Values						
Structural Crack Index	25	23	29			
Alligator Crack Index	86	85	89			
Longitudinal Crack Index	39	38	40			
Transverse Cracking Index	35	35	34			
Patching Index	96	98	91			
Rutting Index	96	96	96			
International Roughness Index (IRI)	296	283	327			
Lane & Width Information						
Number of Lanes	2	2	2			
Paved Width (ft)	18.7	19.2	18			
Lane Width (ft)	8.2	8.8	7.4			

Rock Creek Park

ROUTE 0020: EAST GLOVER ROAD

Data Collection Vehicle (DCV) Rating



Sources: Esri, HERE, Garmin, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), (c) OpenStreetMap contributors, and the GIS User Community

Route Condition Legend – Pavement Condition Rating (PCR)

Poor (0 - 60)	Fair (61- 84)	Good (85 - 94)	Excellent (95 - 100)	Not Rated

Colors on map represent condition scores at 0.10-mile intervals. See Appendix for definitions and formulas.

Inspection Date: 3/23/2018	**Beginning Section MP**	0					
Paved Length (Miles): 0.29	**Section Length (MI)**	0.29					
Surface Type: ASPHALT	**Route Summary**						
Roadway Condition Information							
Pavement Condition Rating (PCR)	0	0					
Surface Condition Rating (SCR)	0	0					
Roughness Condition Index (RCI)	N/A	N/A					
Distress Index Values							
Structural Crack Index	0	0					
Alligator Crack Index	68	68					
Longitudinal Crack Index	24	24					
Transverse Cracking Index	41	41					
Patching Index	99	99					
Rutting Index	93	93					
International Roughness Index (IRI)	N/A	N/A					
Lane & Width Information							
Number of Lanes	2	2					
Paved Width (ft)	18	18					
Lane Width (ft)	8.5	8.5					

Rock Creek Park

ROUTE 0021: GRANT ROAD NORTHWEST

Data Collection Vehicle (DCV) Rating

Sources: Esri, HERE, Garmin, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), (c) OpenStreetMap contributors, and the GIS User Community

Route Condition Legend – Pavement Condition Rating (PCR)

Poor (0 - 60)	Fair (61- 84)	Good (85 - 94)	Excellent (95 - 100)	Not Rated

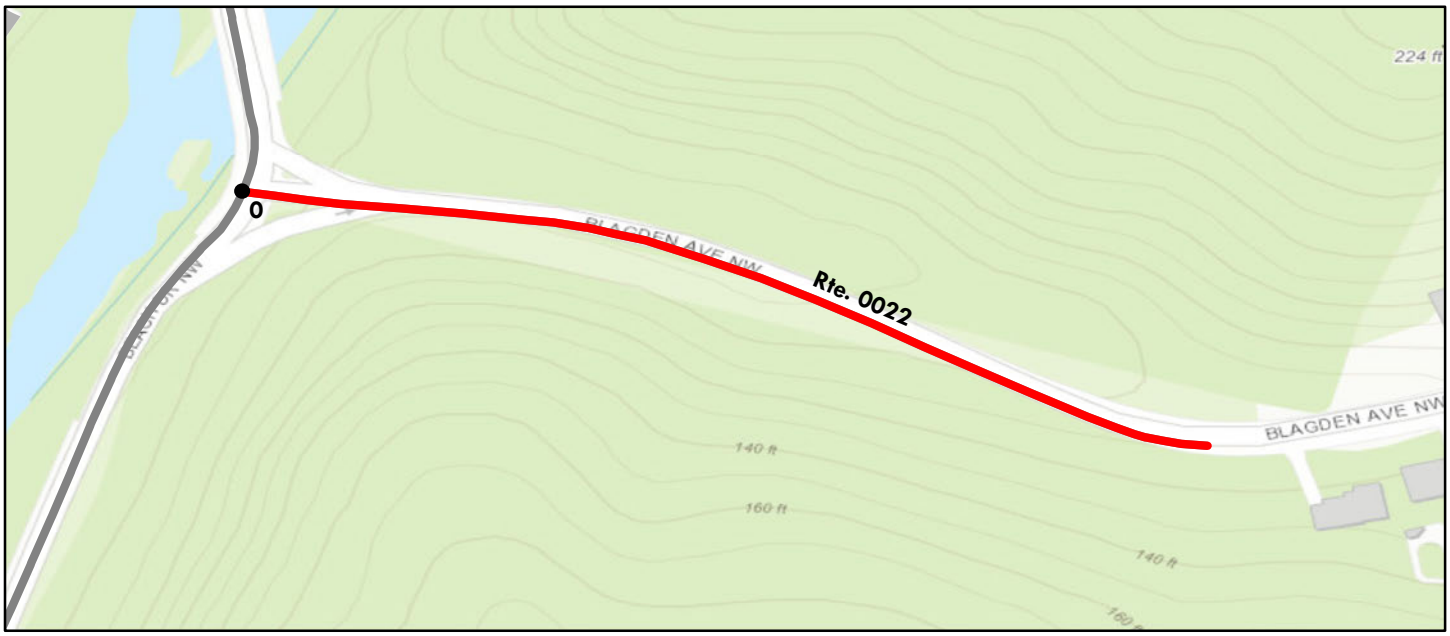
Colors on map represent condition scores at 0.10-mile intervals. See Appendix for definitions and formulas.

Inspection Date: 3/23/2018	**Beginning Section MP**	0				
Paved Length (Miles): 0.37	**Section Length (MI)**	0.37				
Surface Type: ASPHALT	**Route Summary**					
Roadway Condition Information						
Pavement Condition Rating (PCR)	12	12				
Surface Condition Rating (SCR)	12	12				
Roughness Condition Index (RCI)	N/A	N/A				
Distress Index Values						
Structural Crack Index	12	12				
Alligator Crack Index	92	92				
Longitudinal Crack Index	20	20				
Transverse Cracking Index	87	87				
Patching Index	99	99				
Rutting Index	93	93				
International Roughness Index (IRI)	N/A	N/A				
Lane & Width Information						
Number of Lanes	2	2				
Paved Width (ft)	18.1	18.1				
Lane Width (ft)	8.4	8.4				

Rock Creek Park

ROUTE 0022: BLAGDEN AVENUE NORTHWEST

Data Collection Vehicle (DCV) Rating



Sources: Esri, HERE, Garmin, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), (c) OpenStreetMap contributors, and the GIS User Community

Route Condition Legend – Pavement Condition Rating (PCR)

Poor (0 - 60)	Fair (61- 84)	Good (85 - 94)	Excellent (95 - 100)	Not Rated

Colors on map represent condition scores at 0.10-mile intervals. See Appendix for definitions and formulas.

Inspection Date: 6/7/2018	**Beginning Section MP**	0				
Paved Length (Miles): 0.16	**Section Length (MI)**	0.16				
Surface Type: ASPHALT	**Route Summary**					
Roadway Condition Information						
Pavement Condition Rating (PCR)	23	23				
Surface Condition Rating (SCR)	23	23				
Roughness Condition Index (RCI)	N/A	N/A				
Distress Index Values						
Structural Crack Index	23	23				
Alligator Crack Index	98	98				
Longitudinal Crack Index	25	25				
Transverse Cracking Index	81	81				
Patching Index	98	98				
Rutting Index	89	89				
International Roughness Index (IRI)	N/A	N/A				
Lane & Width Information						
Number of Lanes	2	2				
Paved Width (ft)	20.7	20.7				
Lane Width (ft)	8.8	8.8				

Rock Creek Park

ROUTE 0024: PINEY BRANCH PARKWAY NORTHWEST

Data Collection Vehicle (DCV) Rating

Sources: Esri, HERE, Garmin, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), (c) OpenStreetMap contributors, and the GIS User Community

Route Condition Legend – Pavement Condition Rating (PCR)

Poor (0 - 60)	Fair (61- 84)	Good (85 - 94)	Excellent (95 - 100)	Not Rated

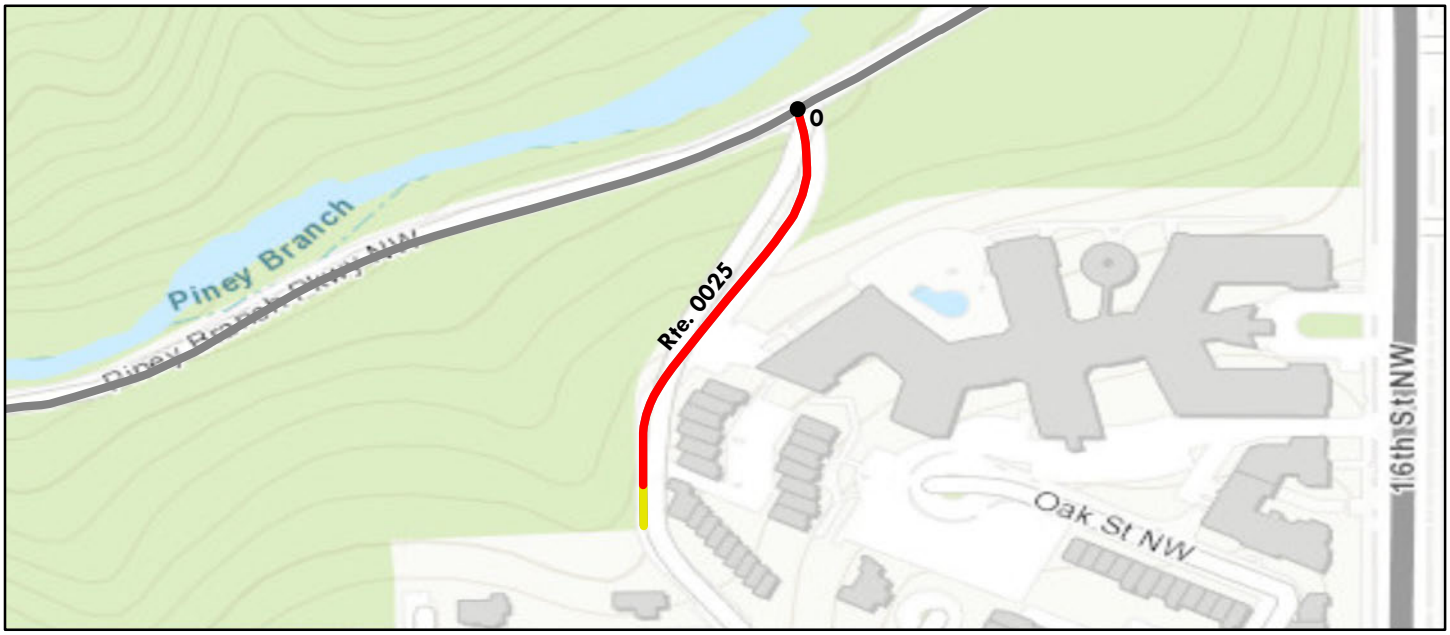
Colors on map represent condition scores at 0.10-mile intervals. See Appendix for definitions and formulas.

Inspection Date: 3/23/2018	**Beginning Section MP**	0				
Paved Length (Miles): 0.84	**Section Length (MI)**	0.84				
Surface Type: ASPHALT	**Route Summary**					
Roadway Condition Information						
Pavement Condition Rating (PCR)	17	17				
Surface Condition Rating (SCR)	0	0				
Roughness Condition Index (RCI)	43	43				
Distress Index Values						
Structural Crack Index	0	0				
Alligator Crack Index	81	81				
Longitudinal Crack Index	0	0				
Transverse Cracking Index	6	6				
Patching Index	91	91				
Rutting Index	91	91				
International Roughness Index (IRI)	319	319				
Lane & Width Information						
Number of Lanes	2	2				
Paved Width (ft)	22.6	22.6				
Lane Width (ft)	10.4	10.4				

Rock Creek Park

ROUTE 0025: 17TH STREET NORTHWEST

Data Collection Vehicle (DCV) Rating



Sources: Esri, HERE, Garmin, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), (c) OpenStreetMap contributors, and the GIS User Community

Route Condition Legend – Pavement Condition Rating (PCR)

Poor (0 - 60)	Fair (61- 84)	Good (85 - 94)	Excellent (95 - 100)	Not Rated

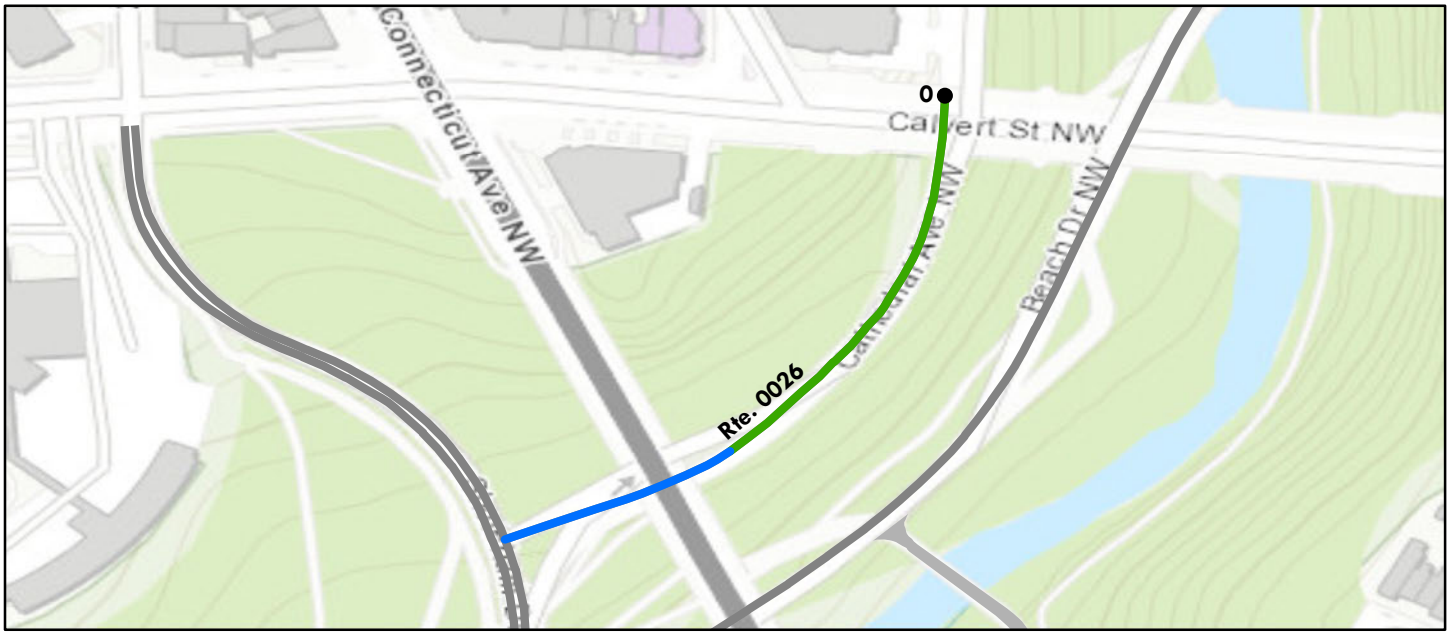
Colors on map represent condition scores at 0.10-mile intervals. See Appendix for definitions and formulas.

Inspection Date: 3/23/2018	**Beginning Section MP**	0				
Paved Length (Miles): 0.11	**Section Length (MI)**	0.11				
Surface Type: ASPHALT	**Route Summary**					
Roadway Condition Information						
Pavement Condition Rating (PCR)	57	57				
Surface Condition Rating (SCR)	57	57				
Roughness Condition Index (RCI)	N/A	N/A				
Distress Index Values						
Structural Crack Index	57	57				
Alligator Crack Index	97	97				
Longitudinal Crack Index	60	60				
Transverse Cracking Index	65	65				
Patching Index	99	99				
Rutting Index	96	96				
International Roughness Index (IRI)	N/A	N/A				
Lane & Width Information						
Number of Lanes	2	2				
Paved Width (ft)	21.5	21.5				
Lane Width (ft)	10.7	10.7				

Rock Creek Park

ROUTE 0026: CATHEDRAL AVENUE NORTHWEST

Data Collection Vehicle (DCV) Rating



Sources: Esri, HERE, Garmin, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), (c) OpenStreetMap contributors, and the GIS User Community

Route Condition Legend – Pavement Condition Rating (PCR)

Poor (0 - 60)	Fair (61- 84)	Good (85 - 94)	Excellent (95 - 100)	Not Rated

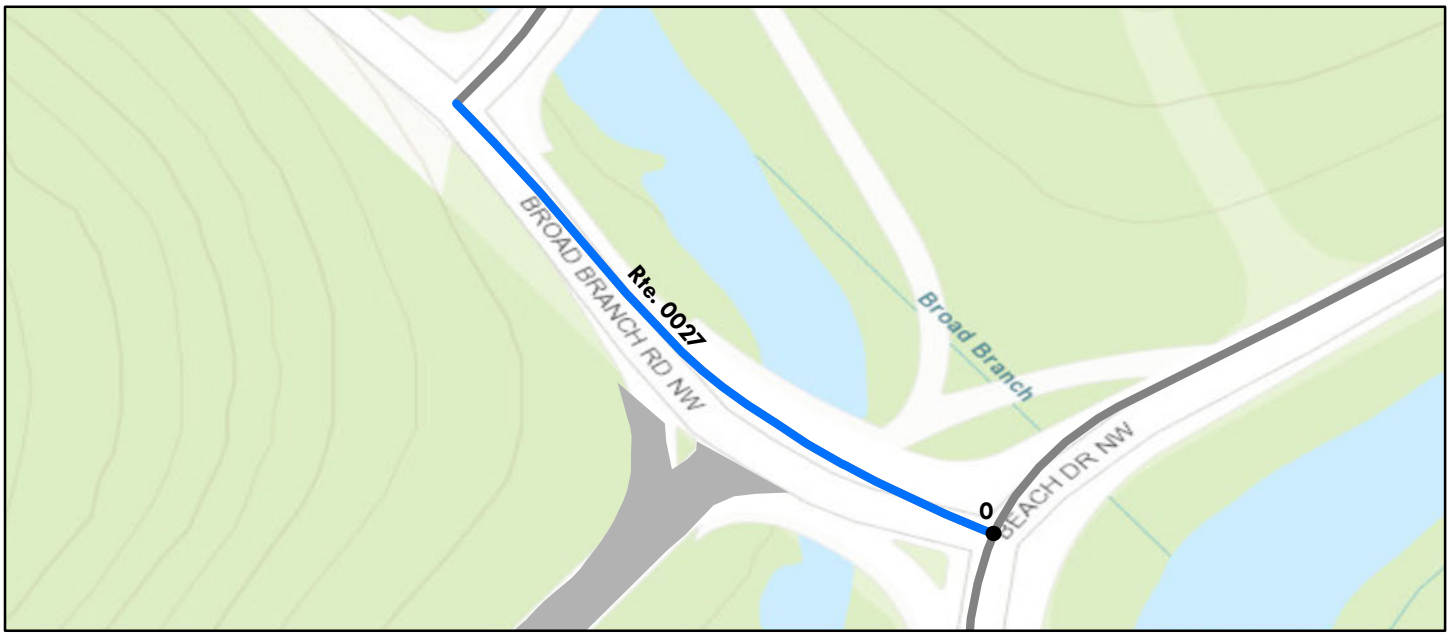
Colors on map represent condition scores at 0.10-mile intervals. See Appendix for definitions and formulas.

Inspection Date: 6/7/2018	**Beginning Section MP**	0				
Paved Length (Miles): 0.14	**Section Length (MI)**	0.14				
Surface Type: ASPHALT	**Route Summary**					
Roadway Condition Information						
Pavement Condition Rating (PCR)	89	89				
Surface Condition Rating (SCR)	89	89				
Roughness Condition Index (RCI)	N/A	N/A				
Distress Index Values						
Structural Crack Index	99	99				
Alligator Crack Index	100	100				
Longitudinal Crack Index	99	99				
Transverse Cracking Index	89	89				
Patching Index	100	100				
Rutting Index	99	99				
International Roughness Index (IRI)	N/A	N/A				
Lane & Width Information						
Number of Lanes	2	2				
Paved Width (ft)	31	31				
Lane Width (ft)	14.1	14.1				

Rock Creek Park

ROUTE 0027: BROAD BRANCH ROAD NORTHWEST

Data Collection Vehicle (DCV) Rating



Sources: Esri, HERE, Garmin, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), (c) OpenStreetMap contributors, and the GIS User Community

Route Condition Legend – Pavement Condition Rating (PCR)

Poor (0 - 60)	Fair (61- 84)	Good (85 - 94)	Excellent (95 - 100)	Not Rated

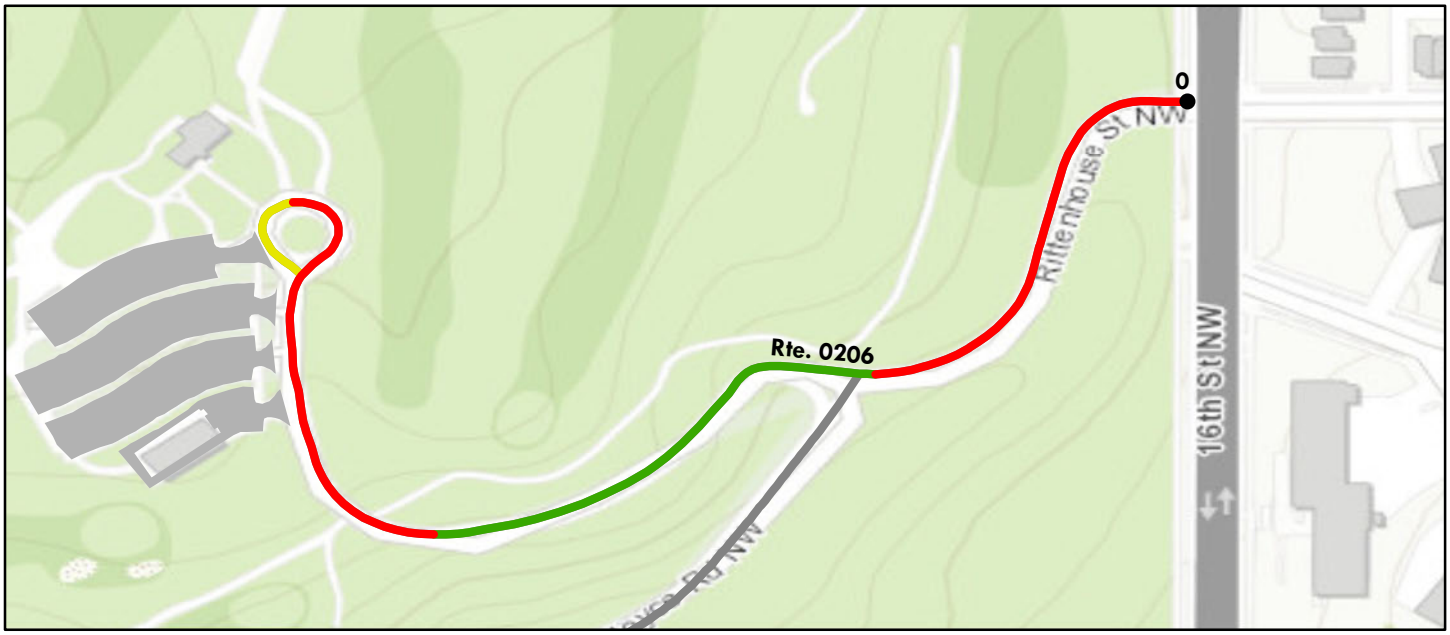
Colors on map represent condition scores at 0.10-mile intervals. See Appendix for definitions and formulas.

Inspection Date: 6/7/2018	**Beginning Section MP**	0				
Paved Length (Miles): 0.05	**Section Length (MI)**	0.05				
Surface Type: ASPHALT	**Route Summary**					
Roadway Condition Information						
Pavement Condition Rating (PCR)	96	96				
Surface Condition Rating (SCR)	96	96				
Roughness Condition Index (RCI)	N/A	N/A				
Distress Index Values						
Structural Crack Index	99	99				
Alligator Crack Index	100	100				
Longitudinal Crack Index	99	99				
Transverse Cracking Index	96	96				
Patching Index	100	100				
Rutting Index	100	100				
International Roughness Index (IRI)	N/A	N/A				
Lane & Width Information						
Number of Lanes	2	2				
Paved Width (ft)	21.3	21.3				
Lane Width (ft)	8.4	8.4				

Rock Creek Park

ROUTE 0206: ROCK CREEK PARK GOLF COURSE ACCESS ROAD

Data Collection Vehicle (DCV) Rating



Sources: Esri, HERE, Garmin, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), (c) OpenStreetMap contributors, and the GIS User Community

Route Condition Legend – Pavement Condition Rating (PCR)

Poor (0 - 60)	Fair (61- 84)	Good (85 - 94)	Excellent (95 - 100)	Not Rated

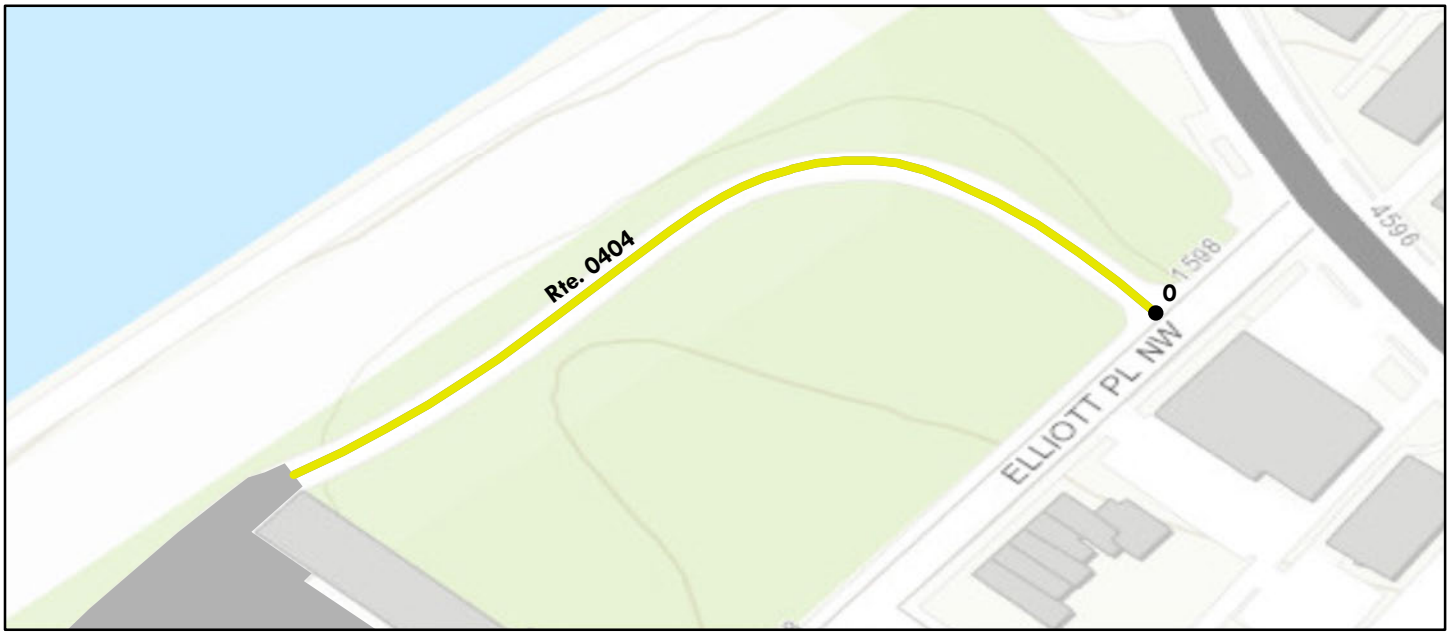
Colors on map represent condition scores at 0.10-mile intervals. See Appendix for definitions and formulas.

Inspection Date: 3/23/2018	**Beginning Section MP**	0				
Paved Length (Miles): 0.32	**Section Length (MI)**	0.32				
Surface Type: ASPHALT	**Route Summary**					
Roadway Condition Information						
Pavement Condition Rating (PCR)	59	59				
Surface Condition Rating (SCR)	59	59				
Roughness Condition Index (RCI)	N/A	N/A				
Distress Index Values						
Structural Crack Index	59	59				
Alligator Crack Index	84	84				
Longitudinal Crack Index	75	75				
Transverse Cracking Index	61	61				
Patching Index	100	100				
Rutting Index	96	96				
International Roughness Index (IRI)	N/A	N/A				
Lane & Width Information						
Number of Lanes	2	2				
Paved Width (ft)	20.8	20.8				
Lane Width (ft)	10.6	10.6				

Rock Creek Park

ROUTE 0404: CENTER FOR URBAN ECOLOGY ROAD

Data Collection Vehicle (DCV) Rating



Sources: Esri, HERE, Garmin, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), (c) OpenStreetMap contributors, and the GIS User Community

Route Condition Legend – Pavement Condition Rating (PCR)

Poor (0 - 60)	Fair (61- 84)	Good (85 - 94)	Excellent (95 - 100)	Not Rated

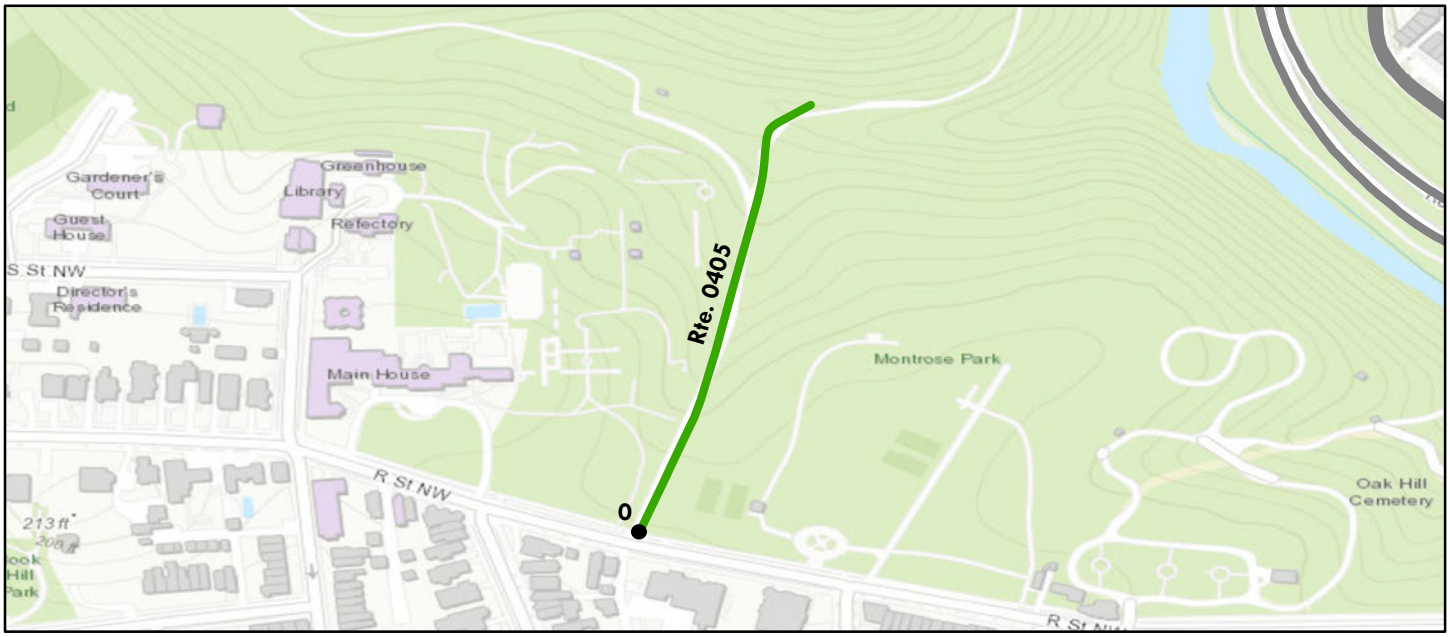
Colors on map represent condition scores at 0.10-mile intervals. See Appendix for definitions and formulas.

Inspection Date: 6/7/2018	**Beginning Section MP**	0				
Paved Length (Miles): 0.1	**Section Length (MI)**	0.1				
Surface Type: ASPHALT	**Route Summary**					
Roadway Condition Information						
Pavement Condition Rating (PCR)	62	62				
Surface Condition Rating (SCR)	62	62				
Roughness Condition Index (RCI)	N/A	N/A				
Distress Index Values						
Structural Crack Index	62	62				
Alligator Crack Index	100	100				
Longitudinal Crack Index	62	62				
Transverse Cracking Index	66	66				
Patching Index	100	100				
Rutting Index	97	97				
International Roughness Index (IRI)	N/A	N/A				
Lane & Width Information						
Number of Lanes	2	2				
Paved Width (ft)	18	18				
Lane Width (ft)	9	9				

Rock Creek Park

ROUTE 0405: LOVERS LANE

Manual Rating



Sources: Esri, HERE, Garmin, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), (c) OpenStreetMap contributors, and the GIS User Community

Route Condition Legend – Pavement Condition Rating (PCR)

Poor (0 - 60)	Fair (61- 84)	Good (85 - 94)	Excellent (95 - 100)	Not Rated

See Appendix for definitions and formulas

Inspection Date:	3/8/2018	**Beginning Section MP**	0.00				
Paved Length (Miles):	0.19	**Section Length (MI)**	0.19				
Surface Type:	ASPHALT	**Route Summary**					
Roadway Condition Information							
Pavement Condition Rating (PCR)		90	90				
Surface Condition Rating (SCR)		90	90				
Roughness Condition Index (RCI)		N/A	N/A				
Distress Index Values							
Structural Crack Index		N/A	N/A				
Alligator Crack Index		97	97				
Longitudinal Crack Index		97	97				
Transverse Cracking Index		90	90				
Patching Index		97	97				
Rutting Index		90	90				
International Roughness Index (IRI)		N/A	N/A				
Lane & Width Information							
Number of Lanes		1	1				
Paved Width (ft)		13	13				
Lane Width (ft)		13	13				

Rock Creek Park

ROUTE 0405: LOVERS LANE

Condition Photos

Condition photos are shown only for manually rated roads. Use the PathView program to see images of DCV rated roads.

ROCR_0405_7815.JPG

ROCR_0405_7817.JPG

ROCR_0405_7818.JPG

ROCR_0405_7819.JPG

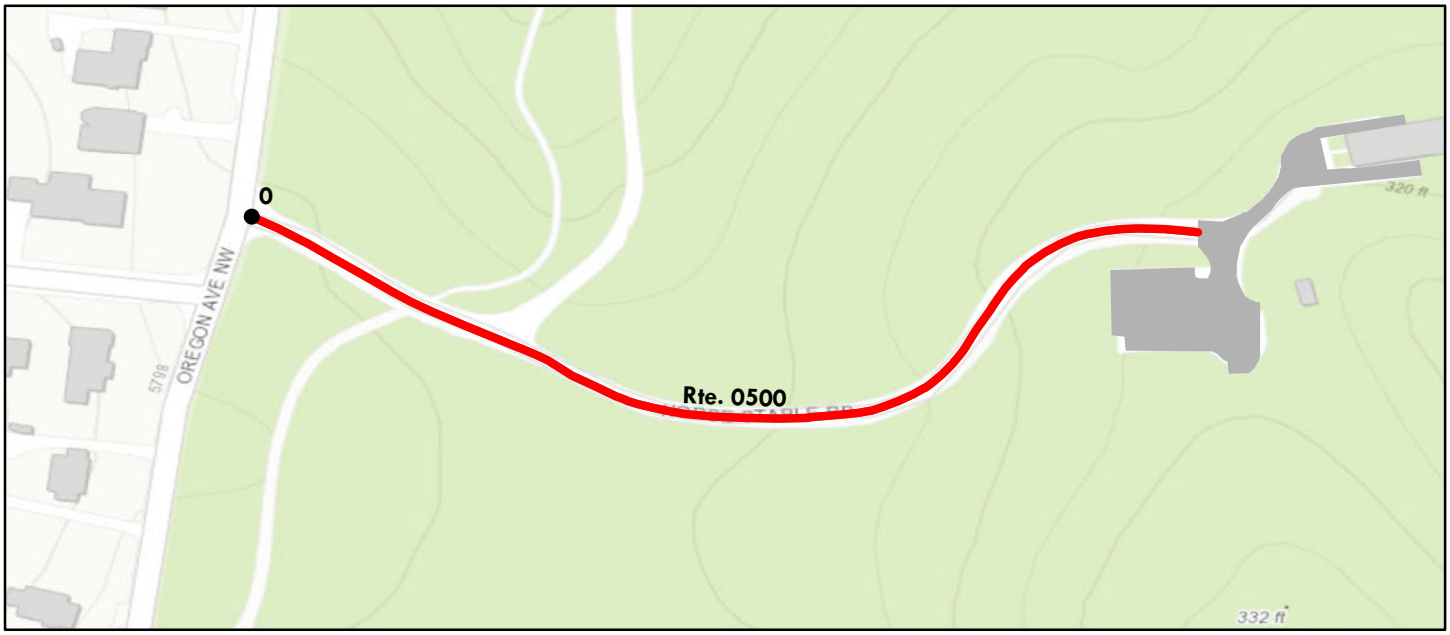
ROCR_0405_7820.JPG

ROCR_0405_7822.JPG

Rock Creek Park

ROUTE 0500: HORSE STABLE ROAD

Data Collection Vehicle (DCV) Rating



Sources: Esri, HERE, Garmin, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), (c) OpenStreetMap contributors, and the GIS User Community

Route Condition Legend – Pavement Condition Rating (PCR)

Poor (0 - 60)	Fair (61- 84)	Good (85 - 94)	Excellent (95 - 100)	Not Rated

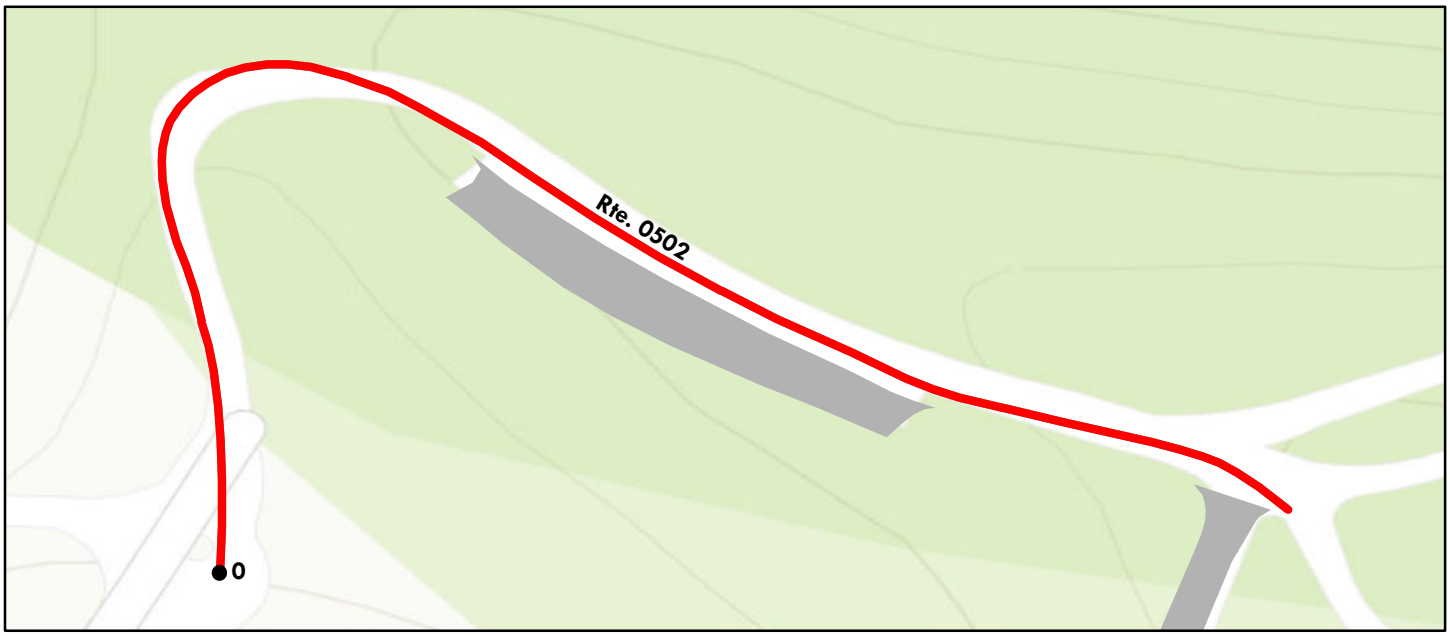
Colors on map represent condition scores at 0.10-mile intervals. See Appendix for definitions and formulas.

Inspection Date: 6/7/2018	**Beginning Section MP**	0				
Paved Length (Miles): 0.18	**Section Length (MI)**	0.18				
Surface Type: ASPHALT	**Route Summary**					
Roadway Condition Information						
Pavement Condition Rating (PCR)	0	0				
Surface Condition Rating (SCR)	0	0				
Roughness Condition Index (RCI)	N/A	N/A				
Distress Index Values						
Structural Crack Index	0	0				
Alligator Crack Index	98	98				
Longitudinal Crack Index	0	0				
Transverse Cracking Index	46	46				
Patching Index	93	93				
Rutting Index	83	83				
International Roughness Index (IRI)	N/A	N/A				
Lane & Width Information						
Number of Lanes	2	2				
Paved Width (ft)	18.1	18.1				
Lane Width (ft)	9	9				

Rock Creek Park

ROUTE 0502: KLINGLE MANSION ENTRANCE ROAD

Data Collection Vehicle (DCV) Rating



Sources: Esri, HERE, Garmin, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), (c) OpenStreetMap contributors, and the GIS User Community

Route Condition Legend – Pavement Condition Rating (PCR)

Poor (0 - 60)	Fair (61- 84)	Good (85 - 94)	Excellent (95 - 100)	Not Rated

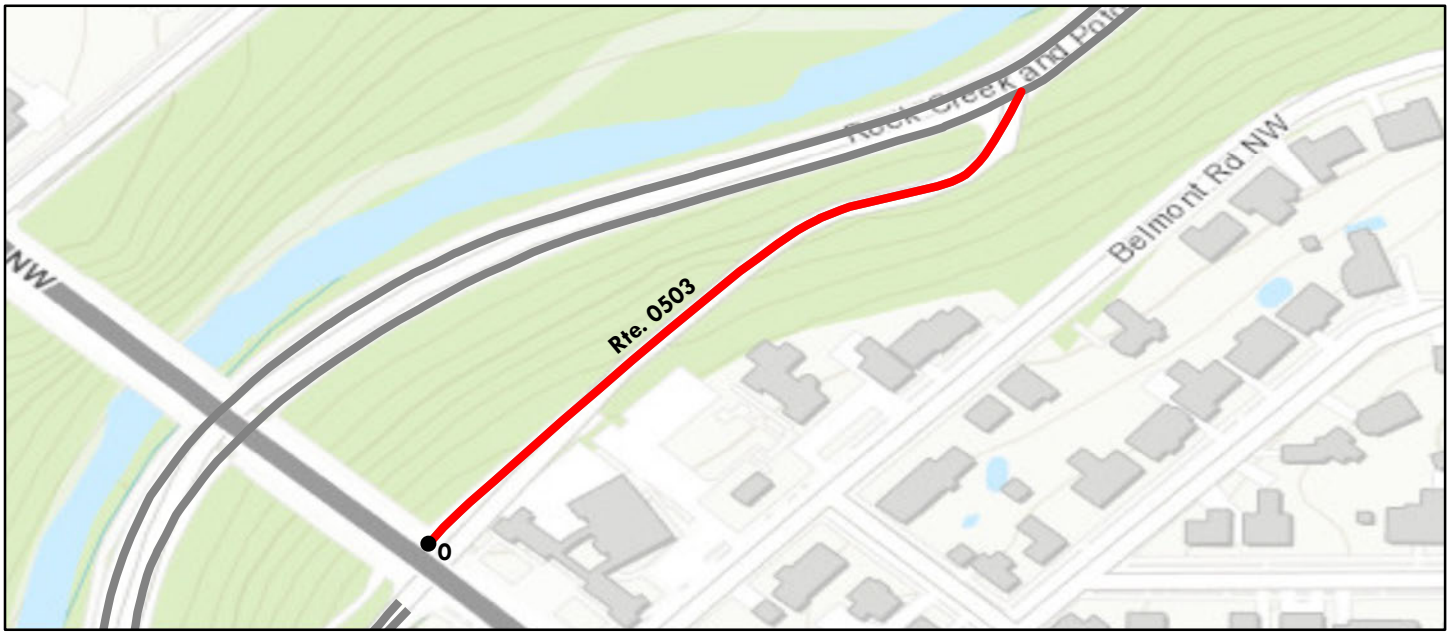
Colors on map represent condition scores at 0.10-mile intervals. See Appendix for definitions and formulas.

Inspection Date: 3/23/2018	**Beginning Section MP**	0				
Paved Length (Miles): 0.12	**Section Length (MI)**	0.12				
Surface Type: ASPHALT	**Route Summary**					
Roadway Condition Information						
Pavement Condition Rating (PCR)	22	22				
Surface Condition Rating (SCR)	22	22				
Roughness Condition Index (RCI)	N/A	N/A				
Distress Index Values						
Structural Crack Index	22	22				
Alligator Crack Index	95	95				
Longitudinal Crack Index	27	27				
Transverse Cracking Index	86	86				
Patching Index	98	98				
Rutting Index	82	82				
International Roughness Index (IRI)	N/A	N/A				
Lane & Width Information						
Number of Lanes	1	1				
Paved Width (ft)	13.4	13.4				
Lane Width (ft)	12	12				

Rock Creek Park

ROUTE 0503: NORTH WATERSIDE DRIVE

Data Collection Vehicle (DCV) Rating



Sources: Esri, HERE, Garmin, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), (c) OpenStreetMap contributors, and the GIS User Community

Route Condition Legend – Pavement Condition Rating (PCR)

Poor (0 - 60)	Fair (61- 84)	Good (85 - 94)	Excellent (95 - 100)	Not Rated

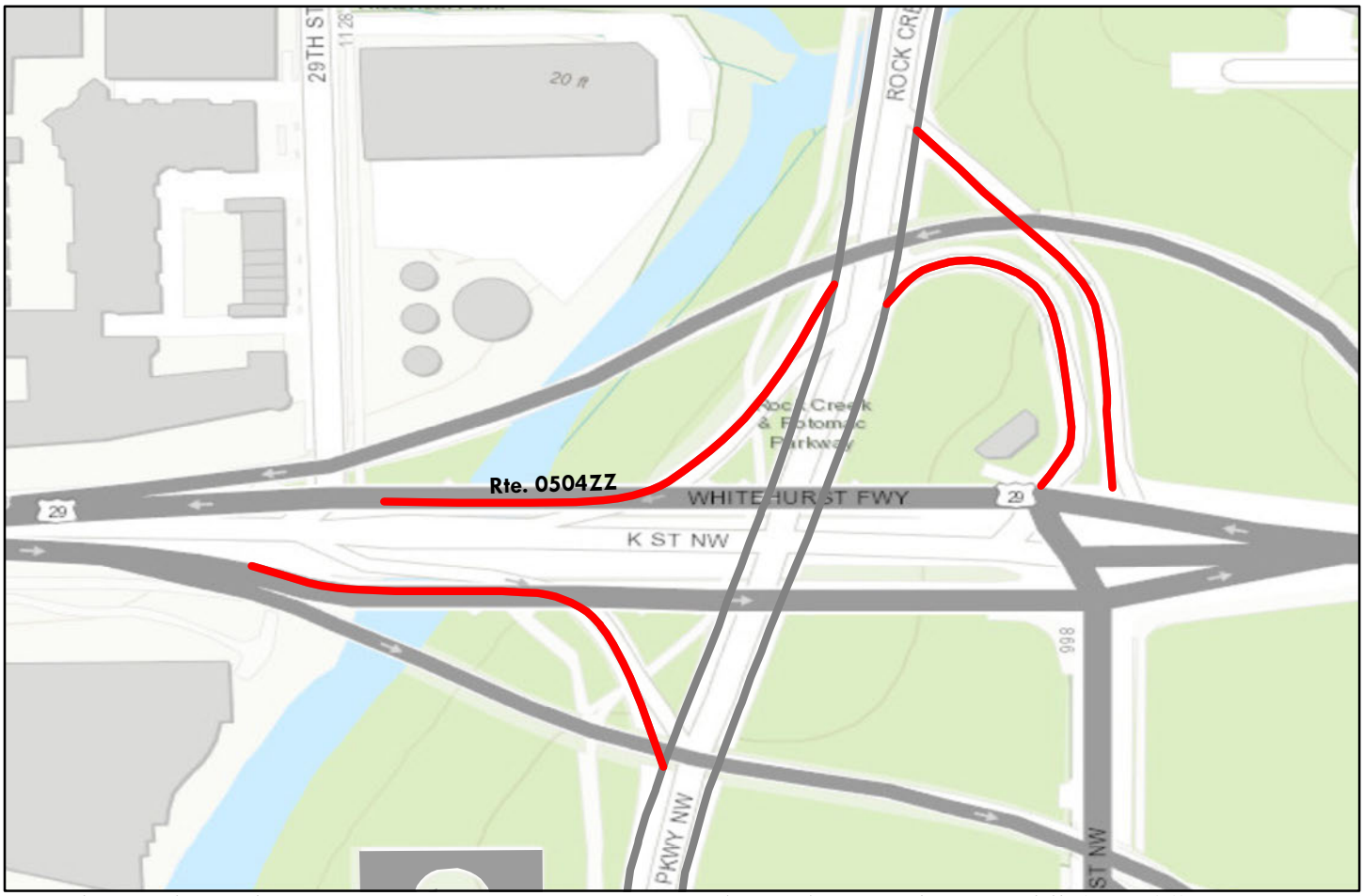
Colors on map represent condition scores at 0.10-mile intervals. See Appendix for definitions and formulas.

Inspection Date: 3/23/2018	**Beginning Section MP**	0				
Paved Length (Miles): 0.16	**Section Length (MI)**	0.16				
Surface Type: ASPHALT	**Route Summary**					
Roadway Condition Information						
Pavement Condition Rating (PCR)	45	45				
Surface Condition Rating (SCR)	45	45				
Roughness Condition Index (RCI)	N/A	N/A				
Distress Index Values						
Structural Crack Index	45	45				
Alligator Crack Index	96	96				
Longitudinal Crack Index	49	49				
Transverse Cracking Index	75	75				
Patching Index	100	100				
Rutting Index	97	97				
International Roughness Index (IRI)	N/A	N/A				
Lane & Width Information						
Number of Lanes	1	1				
Paved Width (ft)	15	15				
Lane Width (ft)	15	15				

Rock Creek Park

ROUTE 0504ZZ: RAMPS FROM N/B & S/B ROCK CREEK PARKWAY TO "K" STREET

Summary Route



Sources: Esri, HERE, Garmin, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), (c) OpenStreetMap contributors, and the GIS User Community

Note: The weighted average summary PCR value is calculated from only the sections of road where the PCR was collected. The overall PCR for the summary route may not reflect individual subcomponent ratings.

Route Condition Legend – Pavement Condition Rating (PCR)

Poor (0 - 60)	Fair (61- 84)	Good (85 - 94)	Excellent (95 - 100)	Not Rated

See Appendix for definitions and formulas

Inspection Date:	3/23/2018
Paved Length (Miles):	0.28
Surface Type:	ASPHALT
Roadway Condition Information	
Pavement Condition Rating (PCR)	58
Lane & Width Information	
Number of Lanes	1
Paved Width (ft)	20.2
Lane Width (ft)	19.1

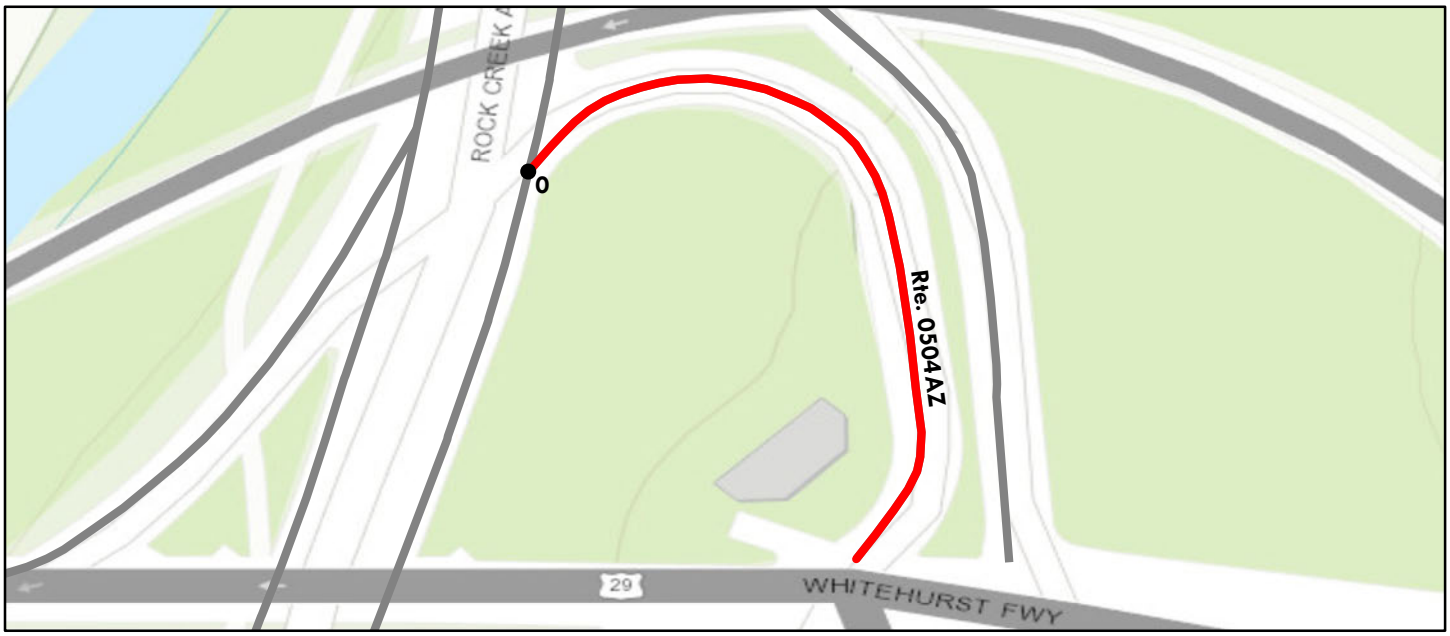
Route Summary

Rock Creek Park

ROUTE 0504AZ: RAMP FROM N/B ROCK CREEK PARKWAY TO "K" STREET

Subcomponent of Route ROCR-0504ZZ

Data Collection Vehicle (DCV) Rating



Sources: Esri, HERE, Garmin, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), (c) OpenStreetMap contributors, and the GIS User Community

Route Condition Legend – Pavement Condition Rating (PCR)

Poor (0 - 60)	Fair (61- 84)	Good (85 - 94)	Excellent (95 - 100)	Not Rated

Colors on map represent condition scores at 0.10-mile intervals. See Appendix for definitions and formulas.

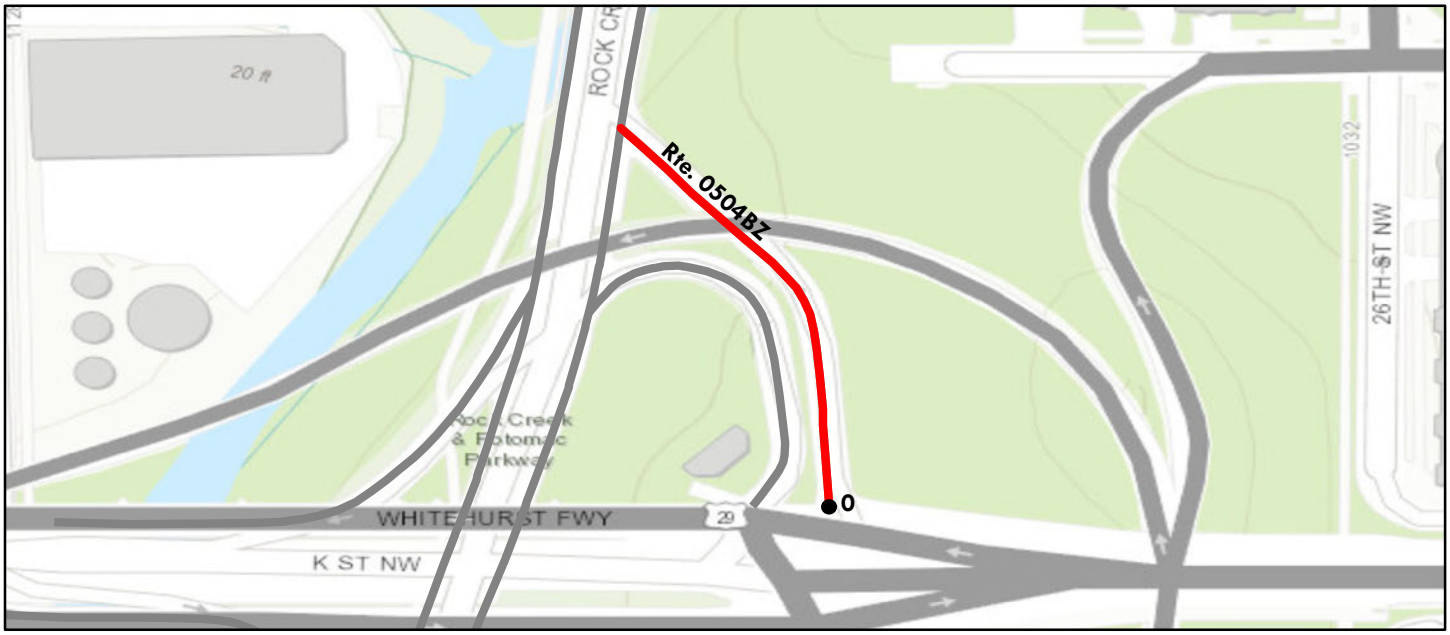
Inspection Date: 3/23/2018	**Beginning Section MP**	0				
Paved Length (Miles): 0.06	**Section Length (MI)**	0.06				
Surface Type: ASPHALT	**Route Summary**					
Roadway Condition Information						
Pavement Condition Rating (PCR)	23	23				
Surface Condition Rating (SCR)	23	23				
Roughness Condition Index (RCI)	N/A	N/A				
Distress Index Values						
Structural Crack Index	56	56				
Alligator Crack Index	95	95				
Longitudinal Crack Index	61	61				
Transverse Cracking Index	23	23				
Patching Index	100	100				
Rutting Index	98	98				
International Roughness Index (IRI)	N/A	N/A				
Lane & Width Information						
Number of Lanes	1	1				
Paved Width (ft)	20.1	20.1				
Lane Width (ft)	18.9	18.9				

Rock Creek Park

ROUTE 0504BZ: RAMP FROM S/B ROCK CREEK PARKWAY TO "K" STREET

Subcomponent of Route ROCR-0504ZZ

Data Collection Vehicle (DCV) Rating



Sources: Esri, HERE, Garmin, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), (c) OpenStreetMap contributors, and the GIS User Community

Route Condition Legend – Pavement Condition Rating (PCR)

Poor (0 - 60)	Fair (61- 84)	Good (85 - 94)	Excellent (95 - 100)	Not Rated

Colors on map represent condition scores at 0.10-mile intervals. See Appendix for definitions and formulas.

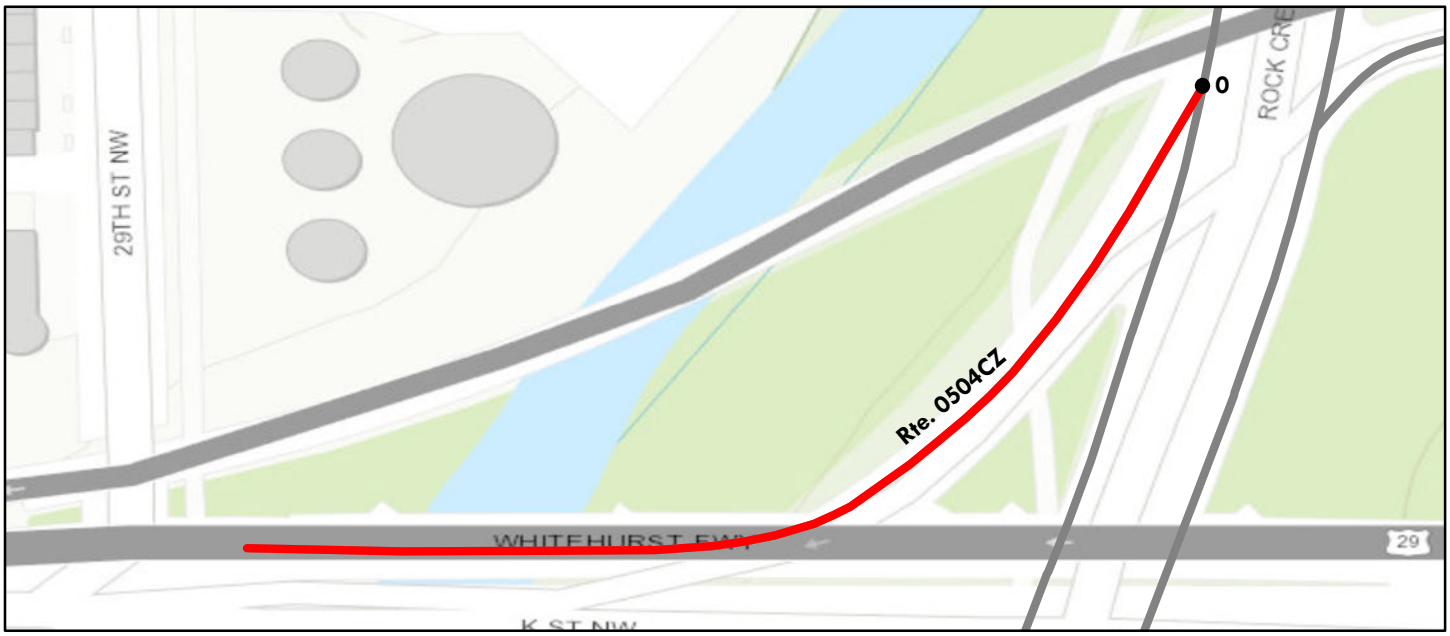
Inspection Date: 3/23/2018	**Beginning Section MP**	0				
Paved Length (Miles): 0.07	**Section Length (MI)**	0.07				
Surface Type: ASPHALT	**Route Summary**					
Roadway Condition Information						
Pavement Condition Rating (PCR)	20	20				
Surface Condition Rating (SCR)	20	20				
Roughness Condition Index (RCI)	N/A	N/A				
Distress Index Values						
Structural Crack Index	46	46				
Alligator Crack Index	100	100				
Longitudinal Crack Index	46	46				
Transverse Cracking Index	20	20				
Patching Index	100	100				
Rutting Index	96	96				
International Roughness Index (IRI)	N/A	N/A				
Lane & Width Information						
Number of Lanes	1	1				
Paved Width (ft)	20.1	20.1				
Lane Width (ft)	17.6	17.6				

Rock Creek Park

ROUTE 0504CZ: RAMP FROM "K" STREET TO N/B ROCK CREEK PARKWAY

Subcomponent of Route ROCR-0504ZZ

Data Collection Vehicle (DCV) Rating



Sources: Esri, HERE, Garmin, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), (c) OpenStreetMap contributors, and the GIS User Community

Route Condition Legend – Pavement Condition Rating (PCR)

Poor (0 - 60)	Fair (61- 84)	Good (85 - 94)	Excellent (95 - 100)	Not Rated

Colors on map represent condition scores at 0.10-mile intervals. See Appendix for definitions and formulas.

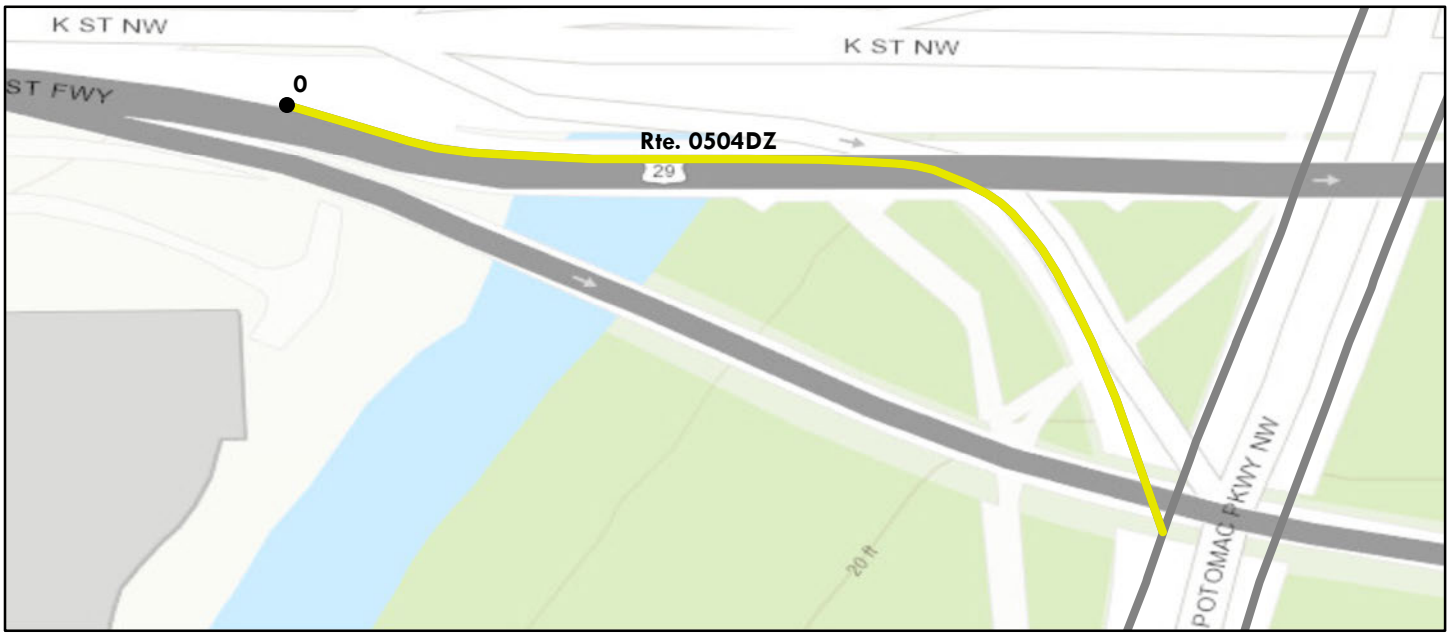
Inspection Date: 3/23/2018	**Beginning Section MP**	0				
Paved Length (Miles): 0.08	**Section Length (MI)**	0.08				
Surface Type: ASPHALT	**Route Summary**					
Roadway Condition Information						
Pavement Condition Rating (PCR)	46	46				
Surface Condition Rating (SCR)	46	46				
Roughness Condition Index (RCI)	N/A	N/A				
Distress Index Values						
Structural Crack Index	57	57				
Alligator Crack Index	100	100				
Longitudinal Crack Index	57	57				
Transverse Cracking Index	46	46				
Patching Index	99	99				
Rutting Index	98	98				
International Roughness Index (IRI)	N/A	N/A				
Lane & Width Information						
Number of Lanes	1	1				
Paved Width (ft)	22.7	22.7				
Lane Width (ft)	21.8	21.8				

Rock Creek Park

ROUTE 0504DZ: RAMP FROM "K" STREET TO S/B ROCK CREEK PARKWAY

Subcomponent of Route ROCR-0504ZZ

Data Collection Vehicle (DCV) Rating



Sources: Esri, HERE, Garmin, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), (c) OpenStreetMap contributors, and the GIS User Community

Route Condition Legend – Pavement Condition Rating (PCR)

Poor (0 - 60)	Fair (61- 84)	Good (85 - 94)	Excellent (95 - 100)	Not Rated

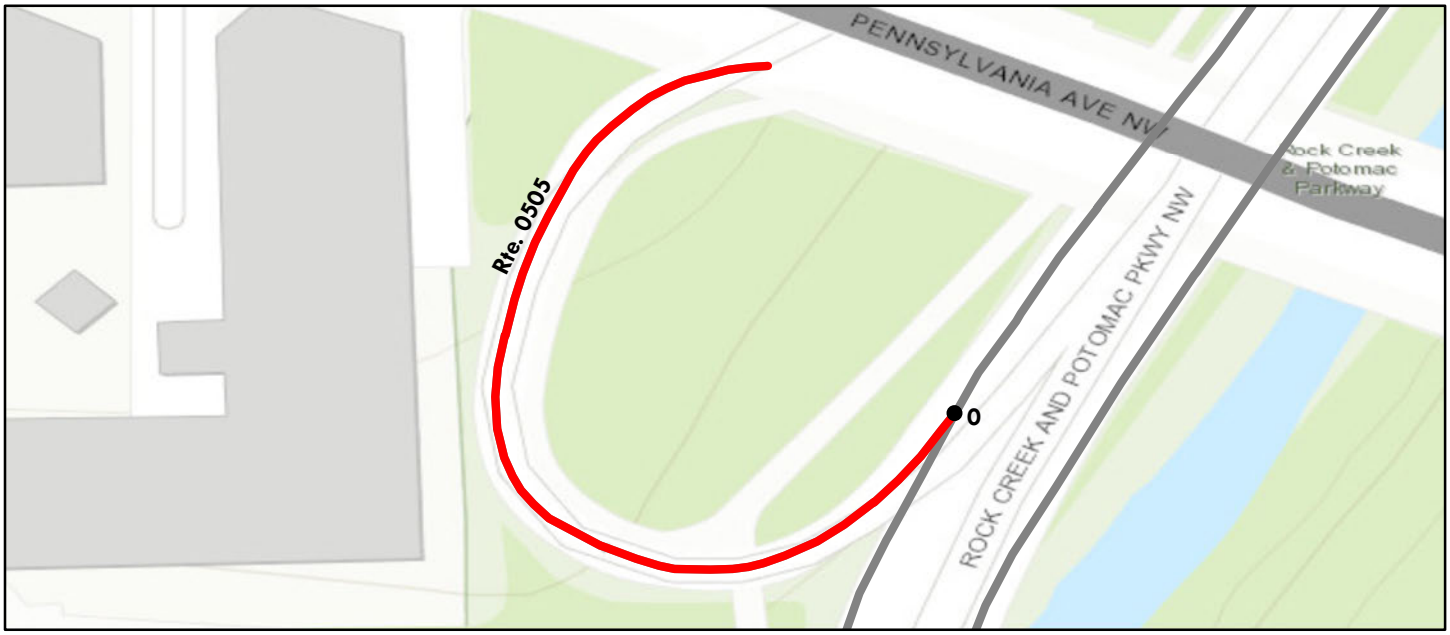
Colors on map represent condition scores at 0.10-mile intervals. See Appendix for definitions and formulas.

Inspection Date: 3/23/2018	**Beginning Section MP**	0					
Paved Length (Miles): 0.07	**Section Length (MI)**	0.07					
Surface Type: ASPHALT	**Route Summary**						
Roadway Condition Information							
Pavement Condition Rating (PCR)	65	65					
Surface Condition Rating (SCR)	65	65					
Roughness Condition Index (RCI)	N/A	N/A					
Distress Index Values							
Structural Crack Index	87	87					
Alligator Crack Index	100	100					
Longitudinal Crack Index	87	87					
Transverse Cracking Index	65	65					
Patching Index	100	100					
Rutting Index	90	90					
International Roughness Index (IRI)	N/A	N/A					
Lane & Width Information							
Number of Lanes	1	1					
Paved Width (ft)	17.7	17.7					
Lane Width (ft)	17.7	17.7					

Rock Creek Park

ROUTE 0505: RAMP FROM S/B ROCK CREEK PARKWAY TO PENNSYLVANIA AVENUE

Data Collection Vehicle (DCV) Rating



Sources: Esri, HERE, Garmin, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), (c) OpenStreetMap contributors, and the GIS User Community

Route Condition Legend – Pavement Condition Rating (PCR)

Poor (0 - 60)	Fair (61- 84)	Good (85 - 94)	Excellent (95 - 100)	Not Rated

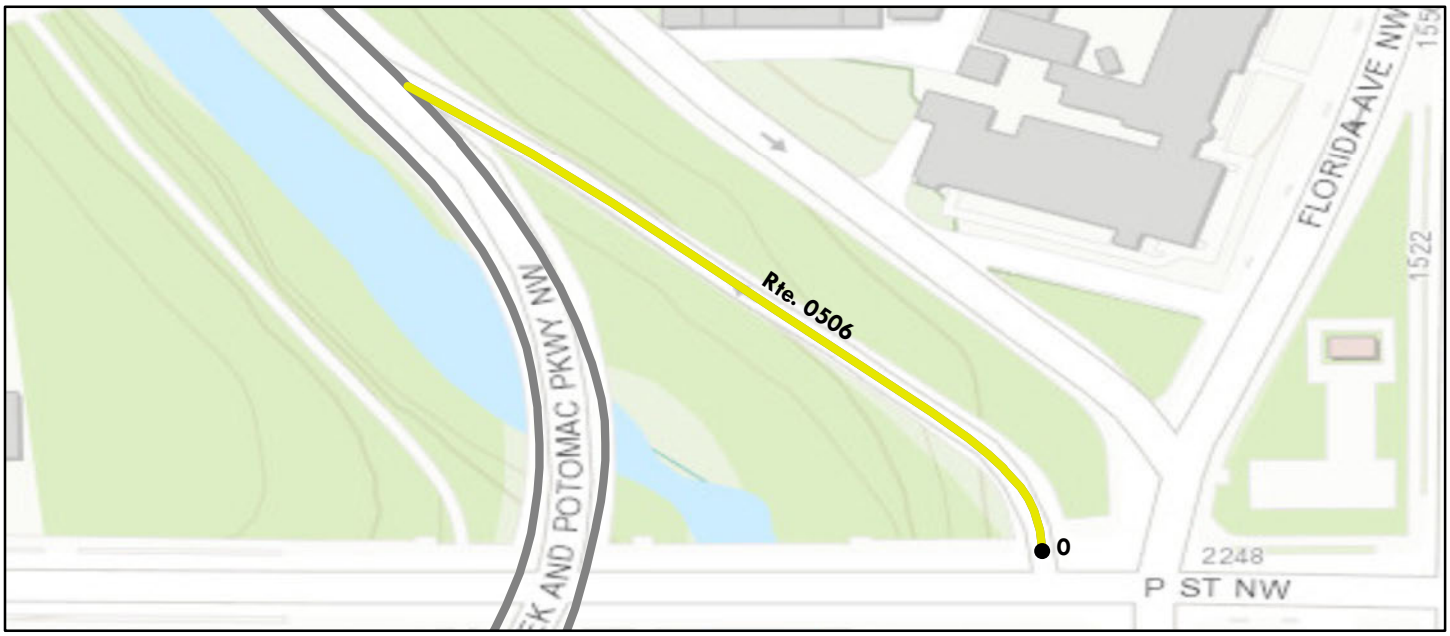
Colors on map represent condition scores at 0.10-mile intervals. See Appendix for definitions and formulas.

Inspection Date: 3/23/2018	**Beginning Section MP**	0				
Paved Length (Miles): 0.08	**Section Length (MI)**	0.08				
Surface Type: ASPHALT	**Route Summary**					
Roadway Condition Information						
Pavement Condition Rating (PCR)	60	60				
Surface Condition Rating (SCR)	60	60				
Roughness Condition Index (RCI)	N/A	N/A				
Distress Index Values						
Structural Crack Index	69	69				
Alligator Crack Index	100	100				
Longitudinal Crack Index	69	69				
Transverse Cracking Index	60	60				
Patching Index	100	100				
Rutting Index	96	96				
International Roughness Index (IRI)	N/A	N/A				
Lane & Width Information						
Number of Lanes	1	1				
Paved Width (ft)	14.3	14.3				
Lane Width (ft)	13.4	13.4				

Rock Creek Park

ROUTE 0506: RAMP FROM "P" STREET TO N/B ROCK CREEK PARKWAY

Data Collection Vehicle (DCV) Rating



Sources: Esri, HERE, Garmin, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), (c) OpenStreetMap contributors, and the GIS User Community

Route Condition Legend – Pavement Condition Rating (PCR)

Poor (0 - 60)	Fair (61- 84)	Good (85 - 94)	Excellent (95 - 100)	Not Rated

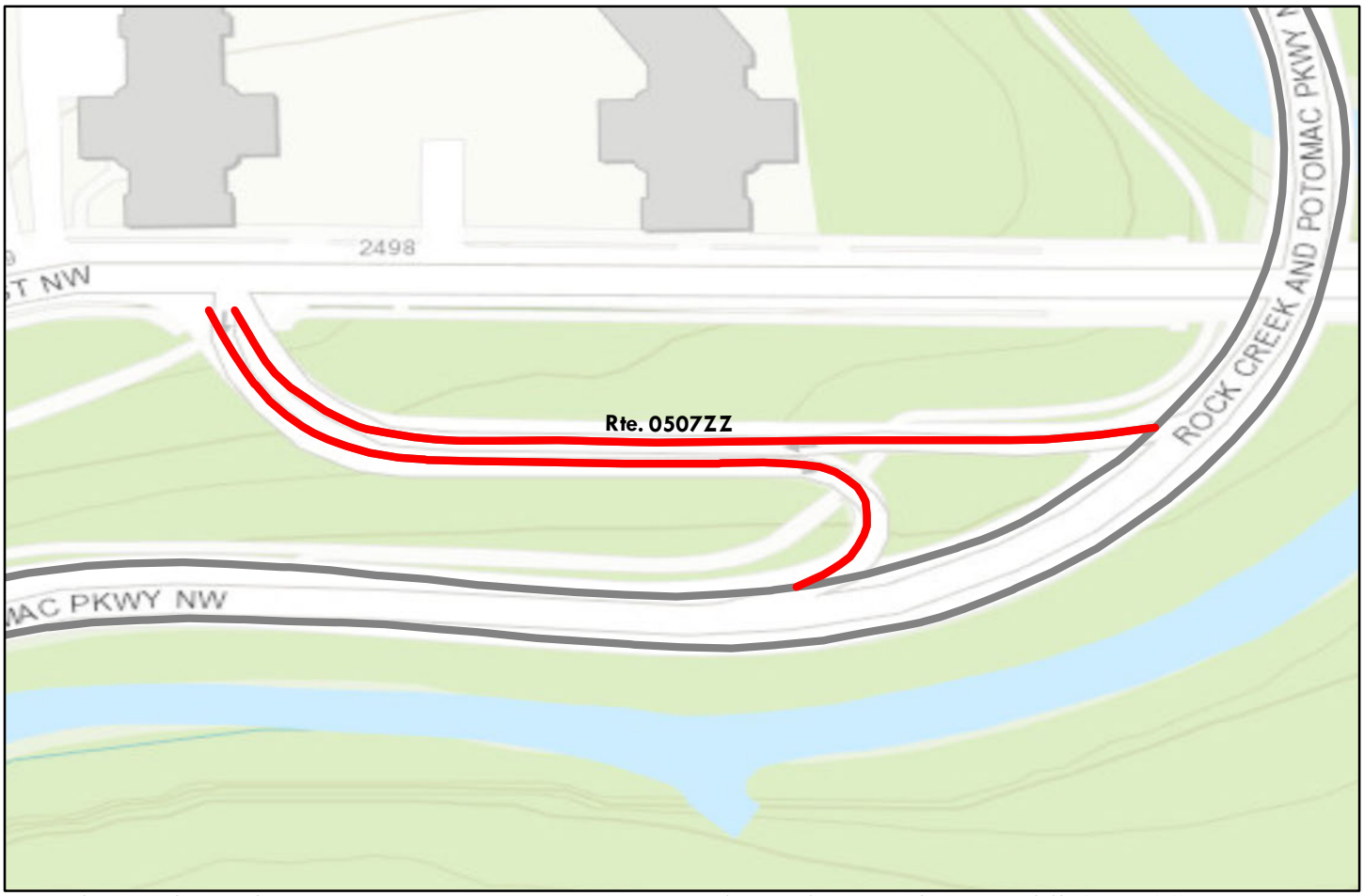
Colors on map represent condition scores at 0.10-mile intervals. See Appendix for definitions and formulas.

Inspection Date: 3/23/2018	**Beginning Section MP**	0				
Paved Length (Miles): 0.08	**Section Length (MI)**	0.08				
Surface Type: ASPHALT	**Route Summary**					
Roadway Condition Information						
Pavement Condition Rating (PCR)	79	79				
Surface Condition Rating (SCR)	79	79				
Roughness Condition Index (RCI)	N/A	N/A				
Distress Index Values						
Structural Crack Index	80	80				
Alligator Crack Index	100	100				
Longitudinal Crack Index	80	80				
Transverse Cracking Index	79	79				
Patching Index	100	100				
Rutting Index	89	89				
International Roughness Index (IRI)	N/A	N/A				
Lane & Width Information						
Number of Lanes	1	1				
Paved Width (ft)	19.7	19.7				
Lane Width (ft)	14.7	14.7				

Rock Creek Park

ROUTE 0507ZZ: RAMP FROM "P" STREET TO S/B ROCK CREEK PARKWAY AND RAMP FROM S/B ROCK CREEK PARKWAY TO "P" STREET

Summary Route



Sources: Esri, HERE, Garmin, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), (c) OpenStreetMap contributors, and the GIS User Community

Note: The weighted average summary PCR value is calculated from only the sections of road where the PCR was collected. The overall PCR for the summary route may not reflect individual subcomponent ratings.

Route Condition Legend – Pavement Condition Rating (PCR)

Poor (0 - 60)	Fair (61- 84)	Good (85 - 94)	Excellent (95 - 100)	Not Rated

See Appendix for definitions and formulas

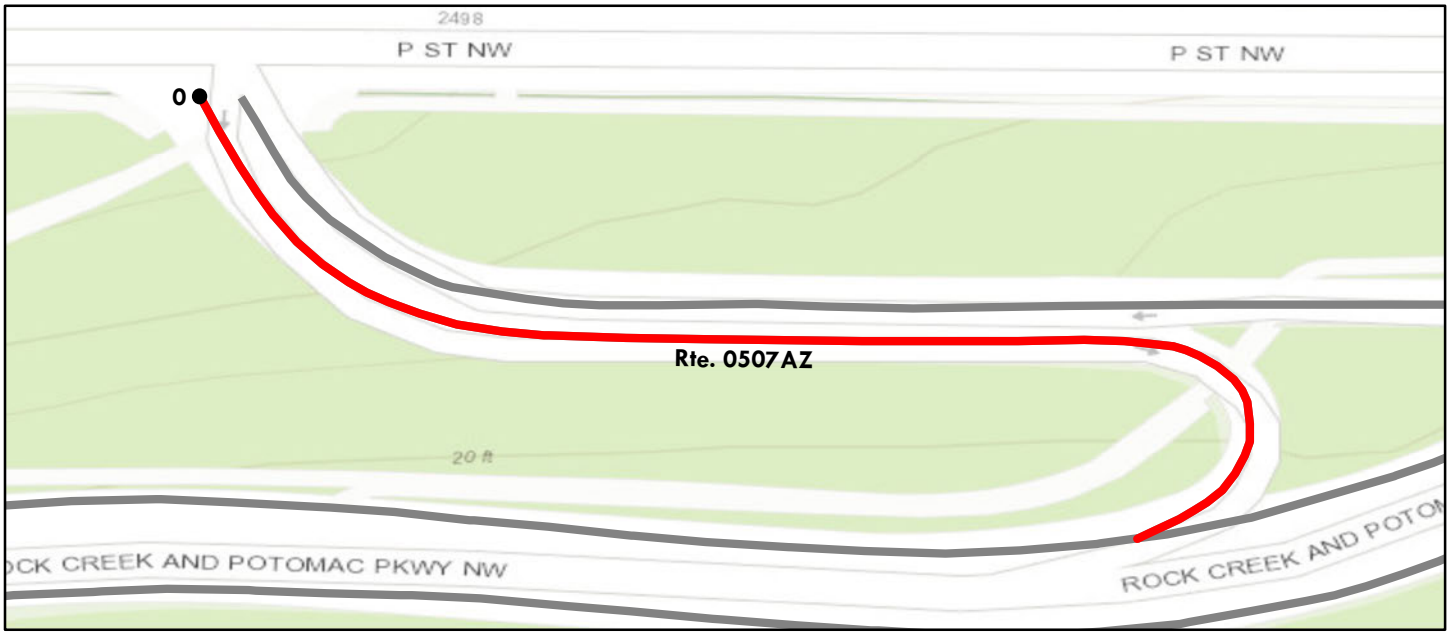
	Route Summary
Inspection Date: 3/23/2018	
Paved Length (Miles): 0.19	
Surface Type: ASPHALT	
Roadway Condition Information	
Pavement Condition Rating (PCR)	52
Lane & Width Information	
Number of Lanes	1
Paved Width (ft)	16.4
Lane Width (ft)	15.3

Rock Creek Park

ROUTE 0507AZ: RAMP FROM "P" STREET TO S/B ROCK CREEK PARKWAY

Subcomponent of Route ROCR-0507ZZ

Data Collection Vehicle (DCV) Rating



Sources: Esri, HERE, Garmin, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), (c) OpenStreetMap contributors, and the GIS User Community

Route Condition Legend – Pavement Condition Rating (PCR)

Poor (0 - 60)	Fair (61- 84)	Good (85 - 94)	Excellent (95 - 100)	Not Rated

Colors on map represent condition scores at 0.10-mile intervals. See Appendix for definitions and formulas.

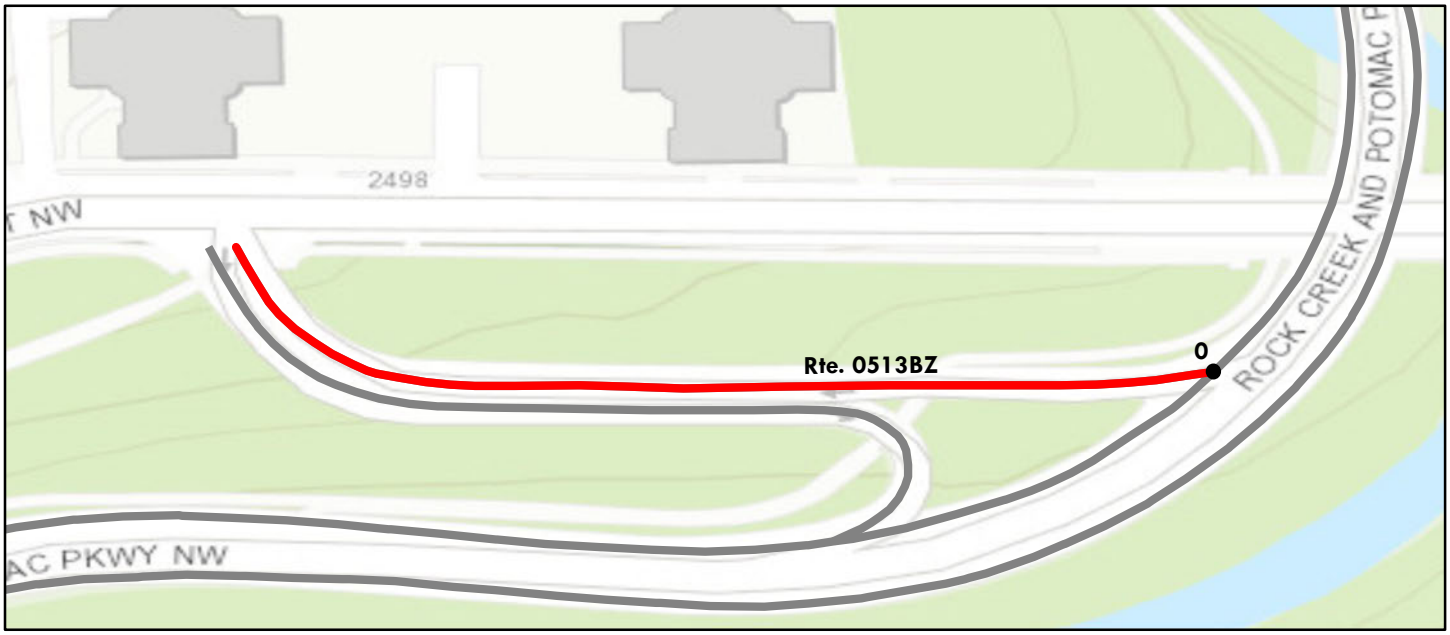
Inspection Date: 3/23/2018	**Beginning Section MP**	0				
Paved Length (Miles): 0.09	**Section Length (MI)**	0.09				
Surface Type: ASPHALT	**Route Summary**					
Roadway Condition Information						
Pavement Condition Rating (PCR)	47	47				
Surface Condition Rating (SCR)	47	47				
Roughness Condition Index (RCI)	N/A	N/A				
Distress Index Values						
Structural Crack Index	60	60				
Alligator Crack Index	100	100				
Longitudinal Crack Index	60	60				
Transverse Cracking Index	47	47				
Patching Index	100	100				
Rutting Index	96	96				
International Roughness Index (IRI)	N/A	N/A				
Lane & Width Information						
Number of Lanes	1	1				
Paved Width (ft)	16.6	16.6				
Lane Width (ft)	15.4	15.4				

Rock Creek Park

ROUTE 0513BZ: RAMP FROM S/B ROCK CREEK PARKWAY TO "P" STREET

Subcomponent of Route ROCR-0507ZZ

Data Collection Vehicle (DCV) Rating



Sources: Esri, HERE, Garmin, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), (c) OpenStreetMap contributors, and the GIS User Community

Route Condition Legend – Pavement Condition Rating (PCR)

Poor (0 - 60)	Fair (61- 84)	Good (85 - 94)	Excellent (95 - 100)	Not Rated

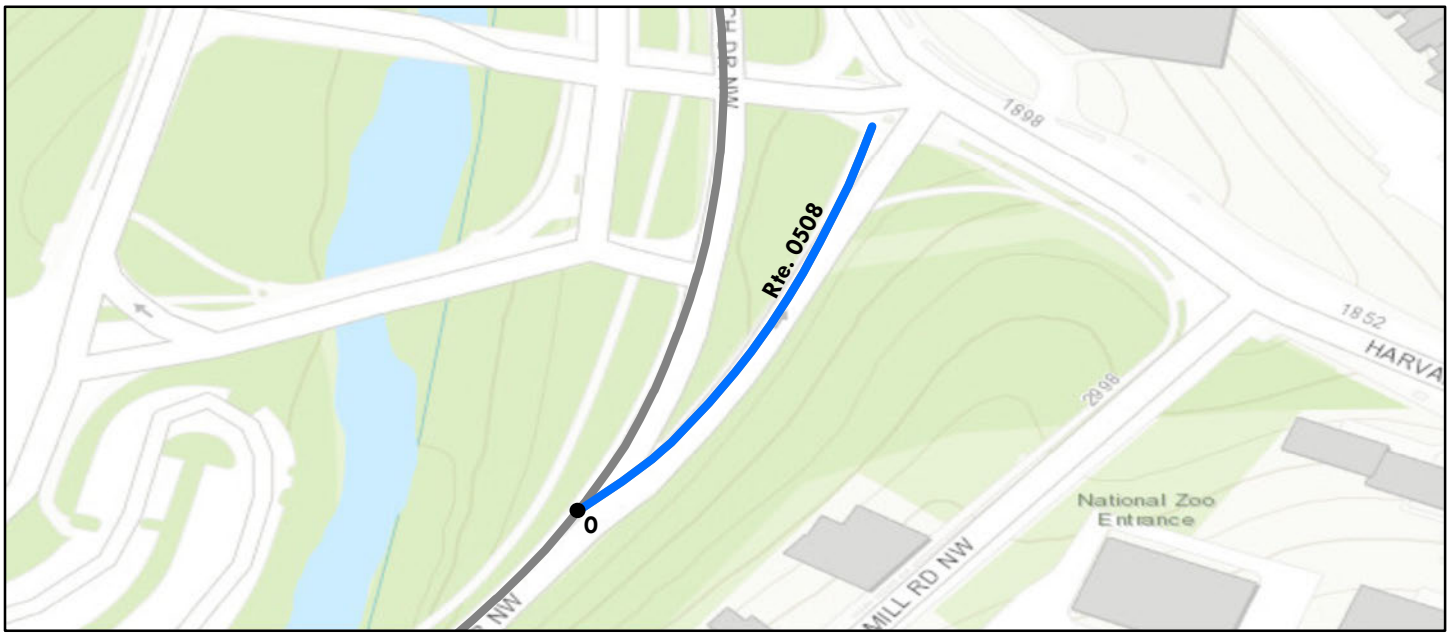
Colors on map represent condition scores at 0.10-mile intervals. See Appendix for definitions and formulas.

Inspection Date: 3/23/2018	**Beginning Section MP**	0				
Paved Length (Miles): 0.1	**Section Length (MI)**	0.1				
Surface Type: ASPHALT	**Route Summary**					
Roadway Condition Information						
Pavement Condition Rating (PCR)	57	57				
Surface Condition Rating (SCR)	57	57				
Roughness Condition Index (RCI)	N/A	N/A				
Distress Index Values						
Structural Crack Index	90	90				
Alligator Crack Index	100	100				
Longitudinal Crack Index	90	90				
Transverse Cracking Index	57	57				
Patching Index	100	100				
Rutting Index	98	98				
International Roughness Index (IRI)	N/A	N/A				
Lane & Width Information						
Number of Lanes	1	1				
Paved Width (ft)	16.3	16.3				
Lane Width (ft)	15.2	15.2				

Rock Creek Park

ROUTE 0508: RAMP TO HARVARD STREET

Data Collection Vehicle (DCV) Rating



Sources: Esri, HERE, Garmin, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), (c) OpenStreetMap contributors, and the GIS User Community

Route Condition Legend – Pavement Condition Rating (PCR)

Poor (0 - 60)	Fair (61- 84)	Good (85 - 94)	Excellent (95 - 100)	Not Rated

Colors on map represent condition scores at 0.10-mile intervals. See Appendix for definitions and formulas.

Inspection Date: 6/7/2018	**Beginning Section MP**	0				
Paved Length (Miles): 0.07	**Section Length (MI)**	0.07				
Surface Type: ASPHALT	**Route Summary**					
Roadway Condition Information						
Pavement Condition Rating (PCR)	99	99				
Surface Condition Rating (SCR)	99	99				
Roughness Condition Index (RCI)	N/A	N/A				
Distress Index Values						
Structural Crack Index	100	100				
Alligator Crack Index	100	100				
Longitudinal Crack Index	100	100				
Transverse Cracking Index	100	100				
Patching Index	100	100				
Rutting Index	99	99				
International Roughness Index (IRI)	N/A	N/A				
Lane & Width Information						
Number of Lanes	1	1				
Paved Width (ft)	13	13				
Lane Width (ft)	13	13				

Rock Creek Park

ROUTE 0509ZZ: SOUTH WATERSIDE DRIVE N/B & S/B

Summary Route

Note: The weighted average summary PCR value is calculated from only the sections of road where the PCR was collected. The overall PCR for the summary route may not reflect individual subcomponent ratings.

Route Condition Legend – Pavement Condition Rating (PCR)

Poor (0 - 60)	Fair (61- 84)	Good (85 - 94)	Excellent (95 - 100)	Not Rated

See Appendix for definitions and formulas

Inspection Date:	3/23/2018
Paved Length (Miles):	0.77
Surface Type:	ASPHALT
Roadway Condition Information	
Pavement Condition Rating (PCR)	23
Lane & Width Information	
Number of Lanes	1
Paved Width (ft)	16.9
Lane Width (ft)	14.2

Route Summary

Rock Creek Park

ROUTE 0509AZ: SOUTH WATERSIDE DRIVE N/B

Subcomponent of Route ROCR-0509ZZ

Data Collection Vehicle (DCV) Rating

Sources: Esri, HERE, Garmin, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), (c) OpenStreetMap contributors, and the GIS User Community

Route Condition Legend – Pavement Condition Rating (PCR)

Poor (0 - 60)	Fair (61- 84)	Good (85 - 94)	Excellent (95 - 100)	Not Rated

Colors on map represent condition scores at 0.10-mile intervals. See Appendix for definitions and formulas.

Inspection Date: 3/23/2018	**Beginning Section MP**	0				
Paved Length (Miles): 0.38	**Section Length (MI)**	0.38				
Surface Type: ASPHALT	**Route Summary**					
Roadway Condition Information						
Pavement Condition Rating (PCR)	0	0				
Surface Condition Rating (SCR)	0	0				
Roughness Condition Index (RCI)	N/A	N/A				
Distress Index Values						
Structural Crack Index	0	0				
Alligator Crack Index	66	66				
Longitudinal Crack Index	0	0				
Transverse Cracking Index	0	0				
Patching Index	98	98				
Rutting Index	90	90				
International Roughness Index (IRI)	N/A	N/A				
Lane & Width Information						
Number of Lanes	1	1				
Paved Width (ft)	17.3	17.3				
Lane Width (ft)	13.5	13.5				

Rock Creek Park

ROUTE 0510BZ: SOUTH WATERSIDE DRIVE S/B

Subcomponent of Route ROCR-0509ZZ

Data Collection Vehicle (DCV) Rating

Sources: Esri, HERE, Garmin, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), (c) OpenStreetMap contributors, and the GIS User Community

Route Condition Legend – Pavement Condition Rating (PCR)

Poor (0 - 60)	Fair (61- 84)	Good (85 - 94)	Excellent (95 - 100)	Not Rated

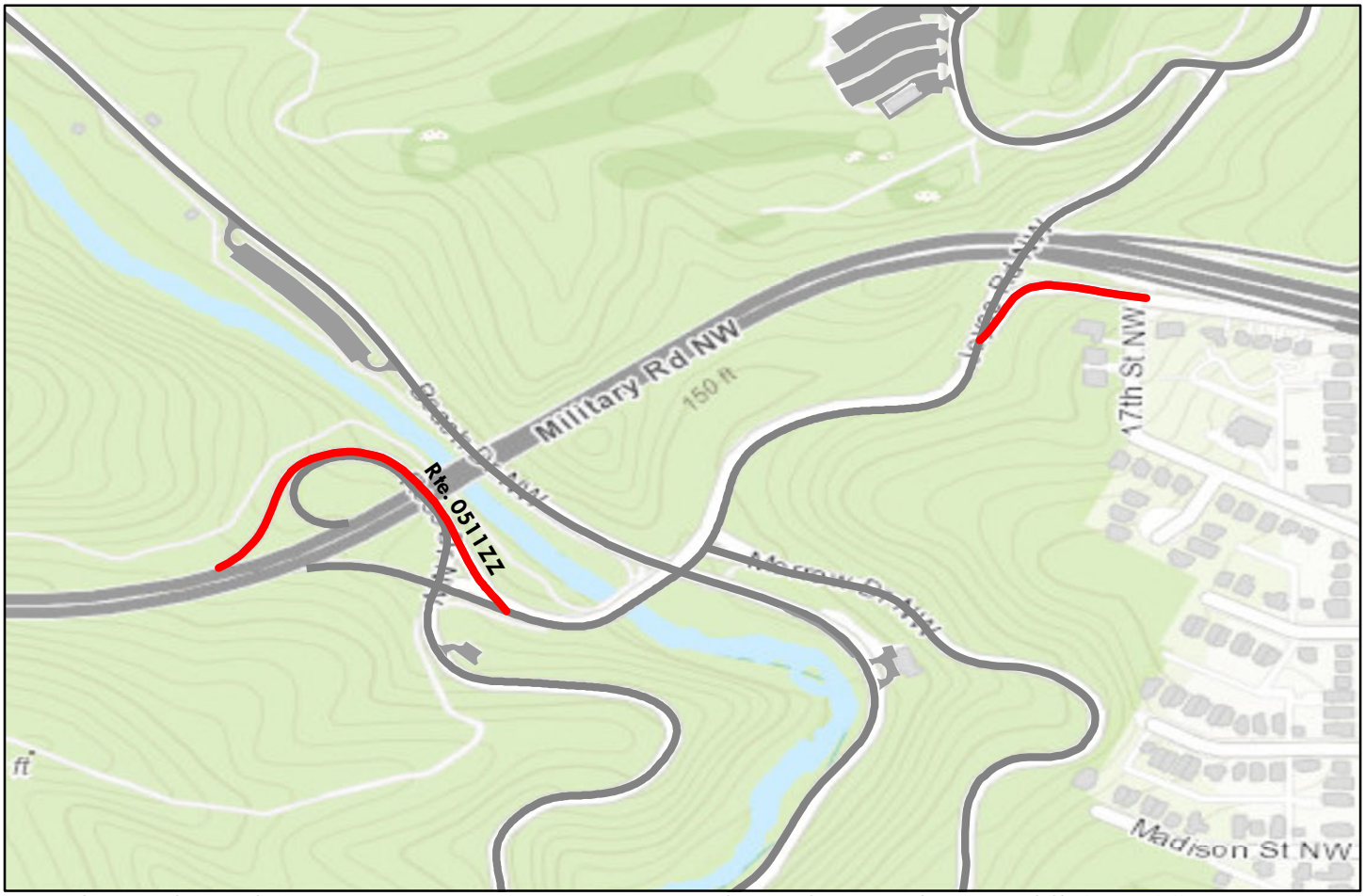
Colors on map represent condition scores at 0.10-mile intervals. See Appendix for definitions and formulas.

Inspection Date: 3/23/2018	**Beginning Section MP**	0				
Paved Length (Miles): 0.39	**Section Length (MI)**	0.39				
Surface Type: ASPHALT	**Route Summary**					
Roadway Condition Information						
Pavement Condition Rating (PCR)	0	0				
Surface Condition Rating (SCR)	0	0				
Roughness Condition Index (RCI)	N/A	N/A				
Distress Index Values						
Structural Crack Index	0	0				
Alligator Crack Index	88	88				
Longitudinal Crack Index	0	0				
Transverse Cracking Index	14	14				
Patching Index	94	94				
Rutting Index	93	93				
International Roughness Index (IRI)	N/A	N/A				
Lane & Width Information						
Number of Lanes	1	1				
Paved Width (ft)	16.6	16.6				
Lane Width (ft)	14.9	14.9				

Rock Creek Park

ROUTE 0511ZZ: RAMP FROM N/B JOYCE ROAD NW TO 17TH STREET NW AND RAMP FROM S/B JOYCE ROAD NW TO MILITARY ROAD NW

Summary Route



Sources: Esri, HERE, Garmin, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), (c) OpenStreetMap contributors, and the GIS User Community

Note: The weighted average summary PCR value is calculated from only the sections of road where the PCR was collected. The overall PCR for the summary route may not reflect individual subcomponent ratings.

Route Condition Legend – Pavement Condition Rating (PCR)

Poor (0 - 60)	Fair (61- 84)	Good (85 - 94)	Excellent (95 - 100)	Not Rated

See Appendix for definitions and formulas

Inspection Date:	3/23/2018
Paved Length (Miles):	0.27
Surface Type:	ASPHALT
Roadway Condition Information	
Pavement Condition Rating (PCR)	27
Lane & Width Information	
Number of Lanes	1
Paved Width (ft)	15.6
Lane Width (ft)	15.3

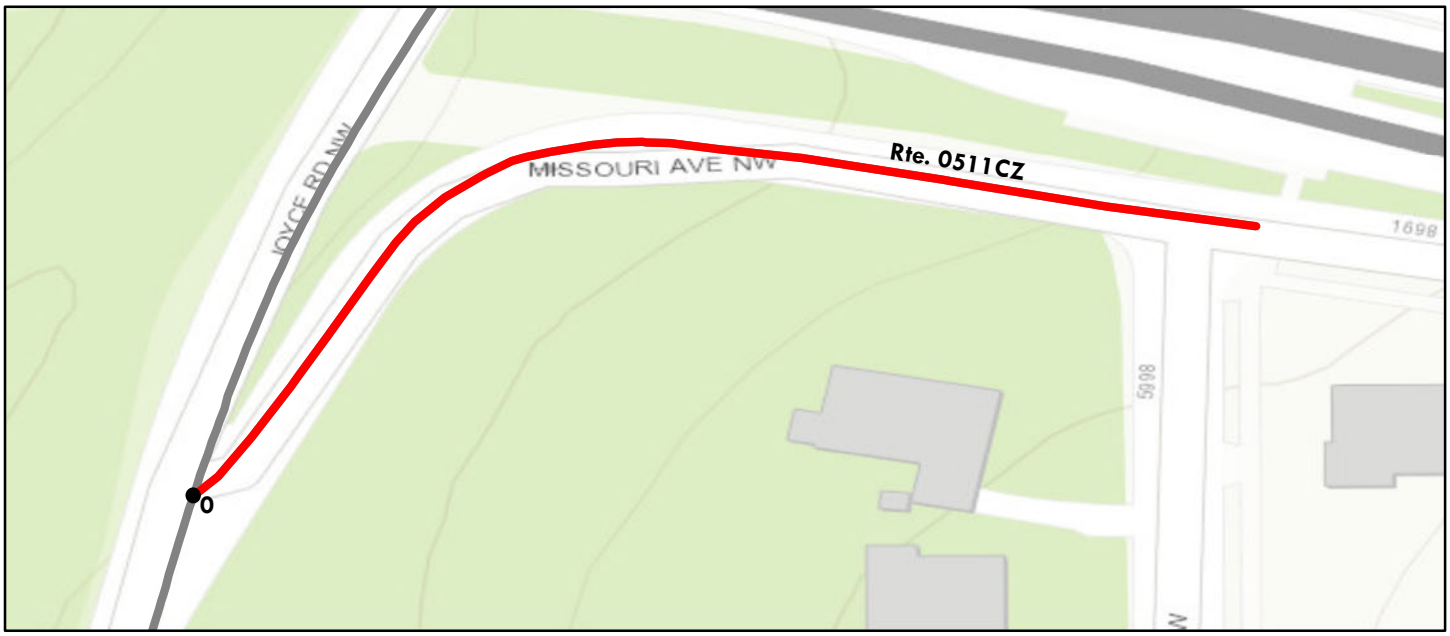
Route Summary

Rock Creek Park

ROUTE 0511CZ: RAMP FROM N/B JOYCE ROAD NW TO 17TH STREET NW

Subcomponent of Route ROCR-0511ZZ

Data Collection Vehicle (DCV) Rating



Sources: Esri, HERE, Garmin, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), (c) OpenStreetMap contributors, and the GIS User Community

Route Condition Legend – Pavement Condition Rating (PCR)

Poor (0 - 60)	Fair (61- 84)	Good (85 - 94)	Excellent (95 - 100)	Not Rated

Colors on map represent condition scores at 0.10-mile intervals. See Appendix for definitions and formulas.

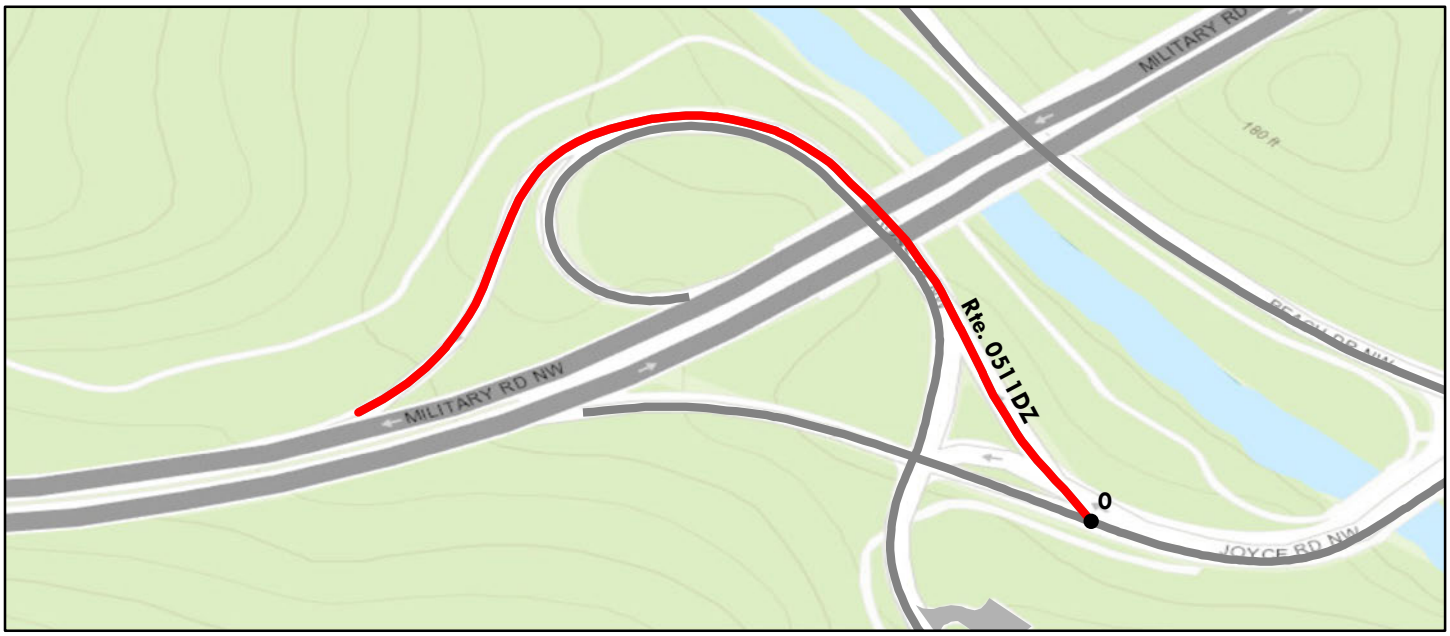
Inspection Date: 3/23/2018	**Beginning Section MP**	0				
Paved Length (Miles): 0.08	**Section Length (MI)**	0.08				
Surface Type: ASPHALT	**Route Summary**					
Roadway Condition Information						
Pavement Condition Rating (PCR)	0	0				
Surface Condition Rating (SCR)	0	0				
Roughness Condition Index (RCI)	N/A	N/A				
Distress Index Values						
Structural Crack Index	0	0				
Alligator Crack Index	97	97				
Longitudinal Crack Index	0	0				
Transverse Cracking Index	15	15				
Patching Index	100	100				
Rutting Index	98	98				
International Roughness Index (IRI)	N/A	N/A				
Lane & Width Information						
Number of Lanes	1	1				
Paved Width (ft)	21.5	21.5				
Lane Width (ft)	21.5	21.5				

Rock Creek Park

ROUTE 0511DZ: RAMP FROM S/B JOYCE ROAD NW TO MILITARY ROAD NW

Subcomponent of Route ROCR-0511ZZ

Data Collection Vehicle (DCV) Rating



Sources: Esri, HERE, Garmin, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), (c) OpenStreetMap contributors, and the GIS User Community

Route Condition Legend – Pavement Condition Rating (PCR)

Poor (0 - 60)	Fair (61- 84)	Good (85 - 94)	Excellent (95 - 100)	Not Rated

Colors on map represent condition scores at 0.10-mile intervals. See Appendix for definitions and formulas.

Inspection Date: 3/23/2018	**Beginning Section MP**	0				
Paved Length (Miles): 0.19	**Section Length (MI)**	0.19				
Surface Type: ASPHALT	**Route Summary**					
Roadway Condition Information						
Pavement Condition Rating (PCR)	45	45				
Surface Condition Rating (SCR)	45	45				
Roughness Condition Index (RCI)	N/A	N/A				
Distress Index Values						
Structural Crack Index	67	67				
Alligator Crack Index	98	98				
Longitudinal Crack Index	69	69				
Transverse Cracking Index	45	45				
Patching Index	100	100				
Rutting Index	99	99				
International Roughness Index (IRI)	N/A	N/A				
Lane & Width Information						
Number of Lanes	1	1				
Paved Width (ft)	13.1	13.1				
Lane Width (ft)	12.7	12.7				

Section 6
Paved Parking Area Condition Rating Sheets

Rock Creek Park

Federal Lands Highway
Road Inventory Program

Rock Creek Park

ROUTE 0900A: KLINGLE MANSION PARKING A

Manual Rating

FROM ROUTE 0502 (KLINGLE MANSION ENTRANCE ROAD)

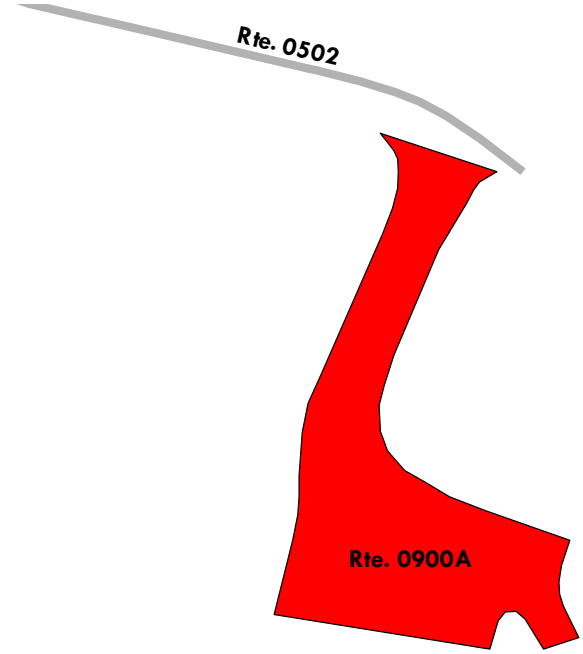
TO PARKING

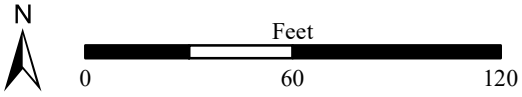
Inspection Date	FMSS Number	User Access	Surface Type
3/8/2018	51728	NONPUBLIC	ASPHALT
Area (Sq. Ft.)	**Lane Miles (11' Widths)**	**Curb Reveal (Inches)**	**Curb Recommendation**
4,004	0.069	NOT APPLICABLE	NOT APPLICABLE
Curb Type		**Curb & Gutter Type**	
NO CURB		NO CURB AND GUTTER	
Pavement Recommendation		**Condition Rating / PCR**	
HEAVY 3R TREATMENTS		POOR / 53	

Route Condition Legend – Pavement Condition Rating (PCR)

Poor (0 - 60)	Fair (61- 84)	Good (85 - 94)	Excellent (95 - 100)	Not Rated

See Appendix for definitions and formulas





Rock Creek Park

ROUTE 0900B: KLINGLE MANSION PARKING B

Manual Rating

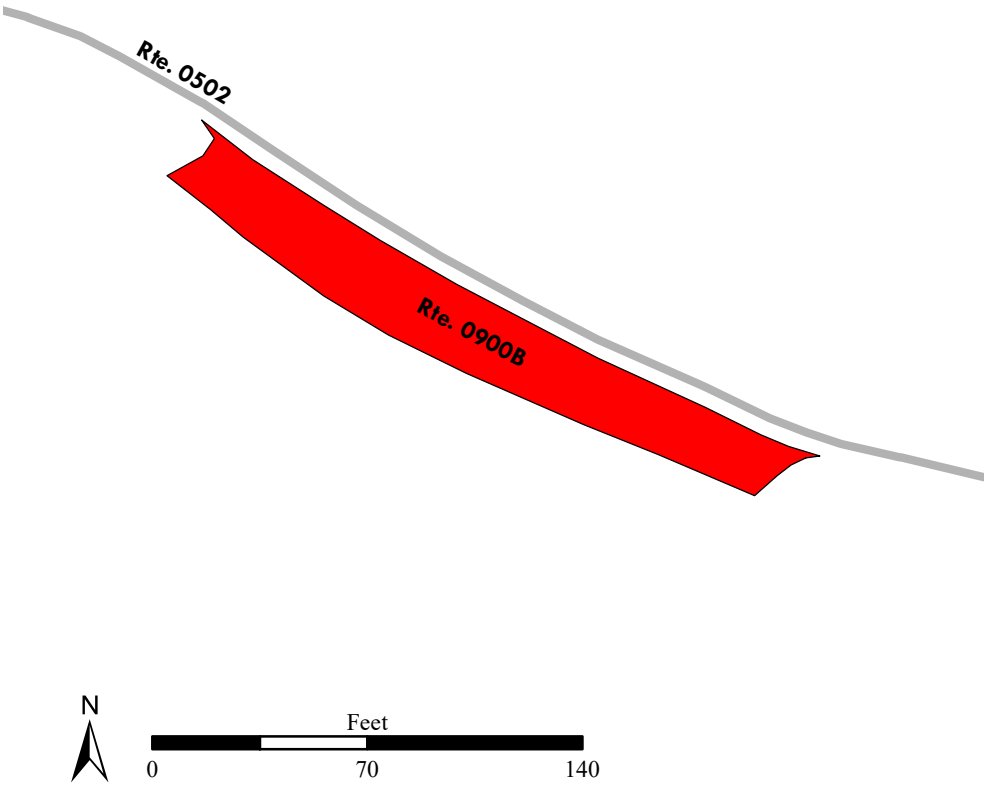
ADJACENT TO ROUTE 0502 (KLINGLE MANSION ENTRANCE ROAD)

Inspection Date	FMSS Number	User Access	Surface Type
3/8/2018	N/A	PUBLIC	ASPHALT
Area (Sq. Ft.)	**Lane Miles (11' Widths)**	**Curb Reveal (Inches)**	**Curb Recommendation**
3,832	0.066	NOT APPLICABLE	NOT APPLICABLE
Curb Type		**Curb & Gutter Type**	
NO CURB		NO CURB AND GUTTER	
Pavement Recommendation		**Condition Rating / PCR**	
HEAVY 3R TREATMENTS		POOR / 53	

Route Condition Legend – Pavement Condition Rating (PCR)

Poor (0 - 60)	Fair (61- 84)	Good (85 - 94)	Excellent (95 - 100)	Not Rated

See Appendix for definitions and formulas



Rock Creek Park

ROUTE 0902ZZ: CARTER BARRON PARKING AREAS

Summary Route
Manual Rating

FROM ROUTE 0018 (STAGE ROAD)

TO ROUTE 0018 (STAGE ROAD) AND COLORADO AVENUE NORTHWEST

Inspection Date	FMSS Number	User Access	Surface Type
3/8/2018	51730	PUBLIC	ASPHALT
Area (Sq. Ft.)	**Lane Miles (11' Widths)**	**Condition Rating / PCR**	
245,630	4.23	SUMMARY / 84	

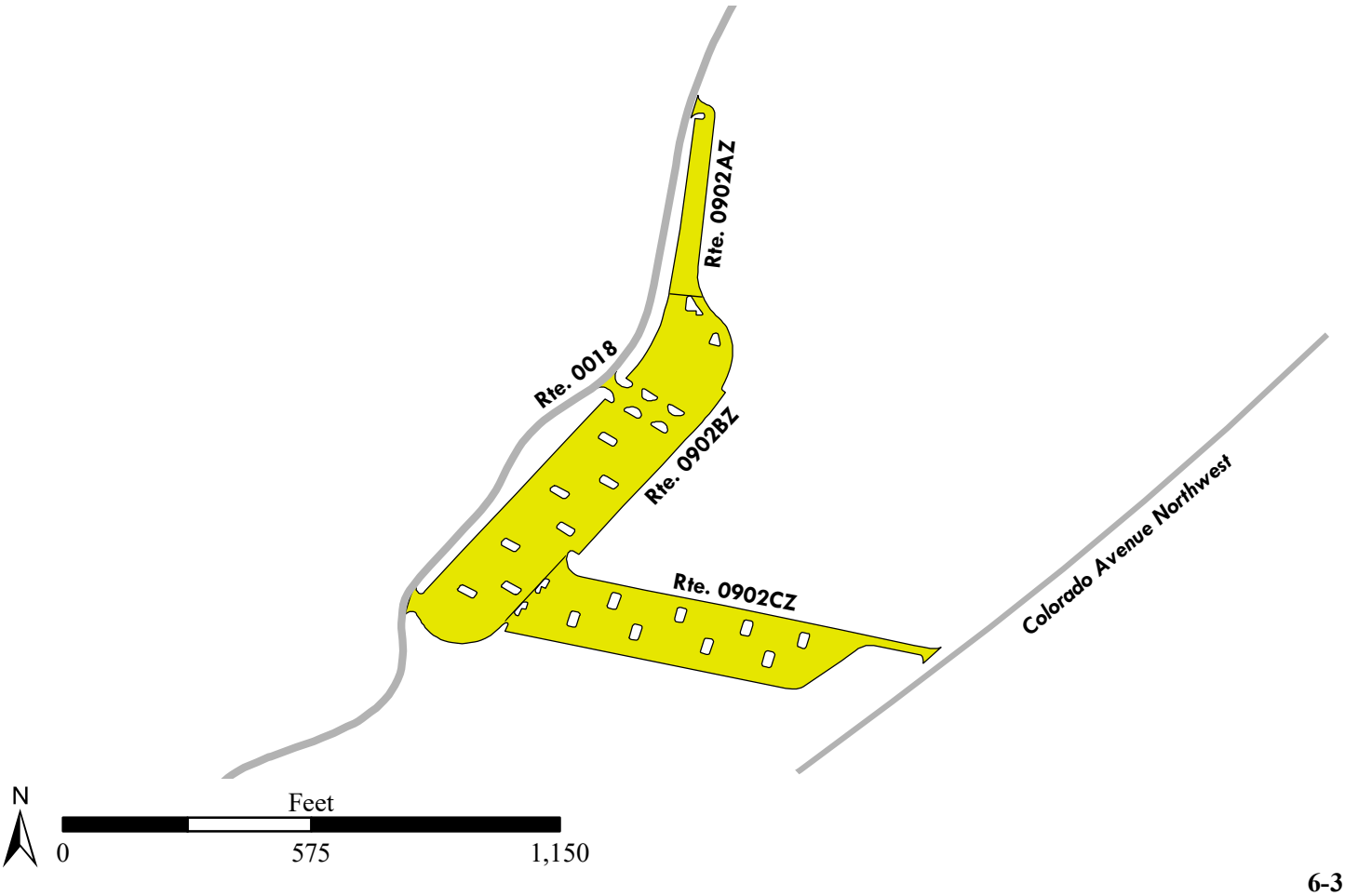
Route Condition Legend – Pavement Condition Rating (PCR)

Poor (0 - 60)	Fair (61- 84)	Good (85 - 94)	Excellent (95 - 100)	Not Rated

See Appendix for definitions and formulas

The condition shown on this page reflects the overall route condition and may not reflect individual subcomponent ratings.

Rte. 0902ZZ
(3 Subcomponents)



Rock Creek Park

ROUTE 0902AZ: CARTER BARRON PARKING AREA A

Subcomponent of Route ROCR-0902ZZ
Manual Rating

FROM ROUTE 0018 (STAGE ROAD)

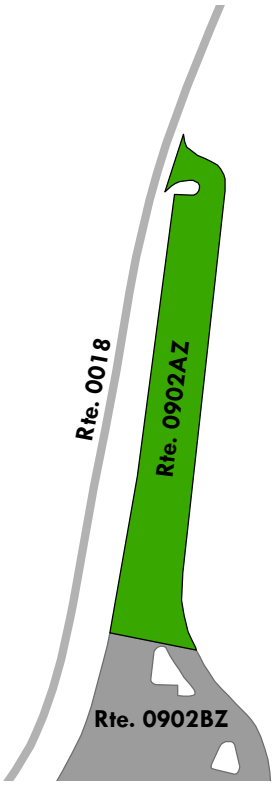
TO ROUTE 0902BZ (CARTER BARRON PARKING AREA B)

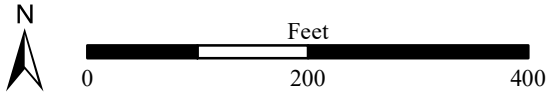
Inspection Date	FMSS Number	User Access	Surface Type
3/8/2018	51730	PUBLIC	ASPHALT
Area (Sq. Ft.)	**Lane Miles (11' Widths)**	**Curb Reveal (Inches)**	**Curb Recommendation**
17,516	0.302	7	DO NOTHING
Curb Type		**Curb & Gutter Type**	
CONCRETE		CONCRETE	
Pavement Recommendation		**Condition Rating / PCR**	
PREVENTIVE MAINTENANCE		GOOD / 90	

Route Condition Legend – Pavement Condition Rating (PCR)

Poor (0 - 60) | **Fair (61- 84)** | **Good (85 - 94)** | **Excellent (95 - 100)** | **Not Rated**

See Appendix for definitions and formulas





Rock Creek Park

ROUTE 0902BZ: CARTER BARRON PARKING AREA B

Subcomponent of Route ROCR-0902ZZ
Manual Rating

FROM ROUTE 0018 (STAGE ROAD)

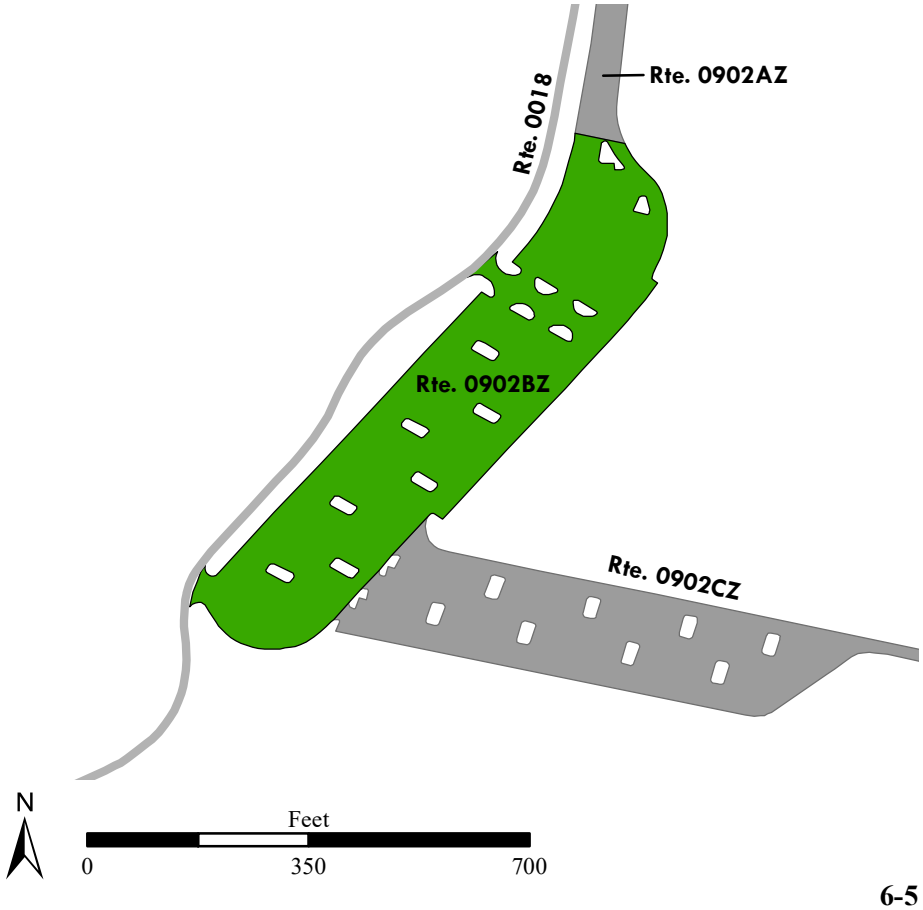
TO ROUTE 0902AZ (CARTER BARRON PARKING AREA A) AND ROUTE 0902CZ (CARTER BARRON PARKING AREA C)

Inspection Date	FMSS Number	User Access	Surface Type
3/8/2018	51730	PUBLIC	ASPHALT
Area (Sq. Ft.)	**Lane Miles (11' Widths)**	**Curb Reveal (Inches)**	**Curb Recommendation**
139,843	2.408	7	DO NOTHING
Curb Type		**Curb & Gutter Type**	
CONCRETE		CONCRETE	
Pavement Recommendation		**Condition Rating / PCR**	
PREVENTIVE MAINTENANCE		GOOD / 90	

Route Condition Legend – Pavement Condition Rating (PCR)

Poor (0 - 60) | **Fair (61- 84)** | **Good (85 - 94)** | **Excellent (95 - 100)** | **Not Rated**

See Appendix for definitions and formulas



Rock Creek Park

ROUTE 0902CZ: CARTER BARRON PARKING AREA C

Subcomponent of Route ROCR-0902ZZ
Manual Rating

FROM ROUTE 0902BZ (CARTER BARRON PARKING AREA B)

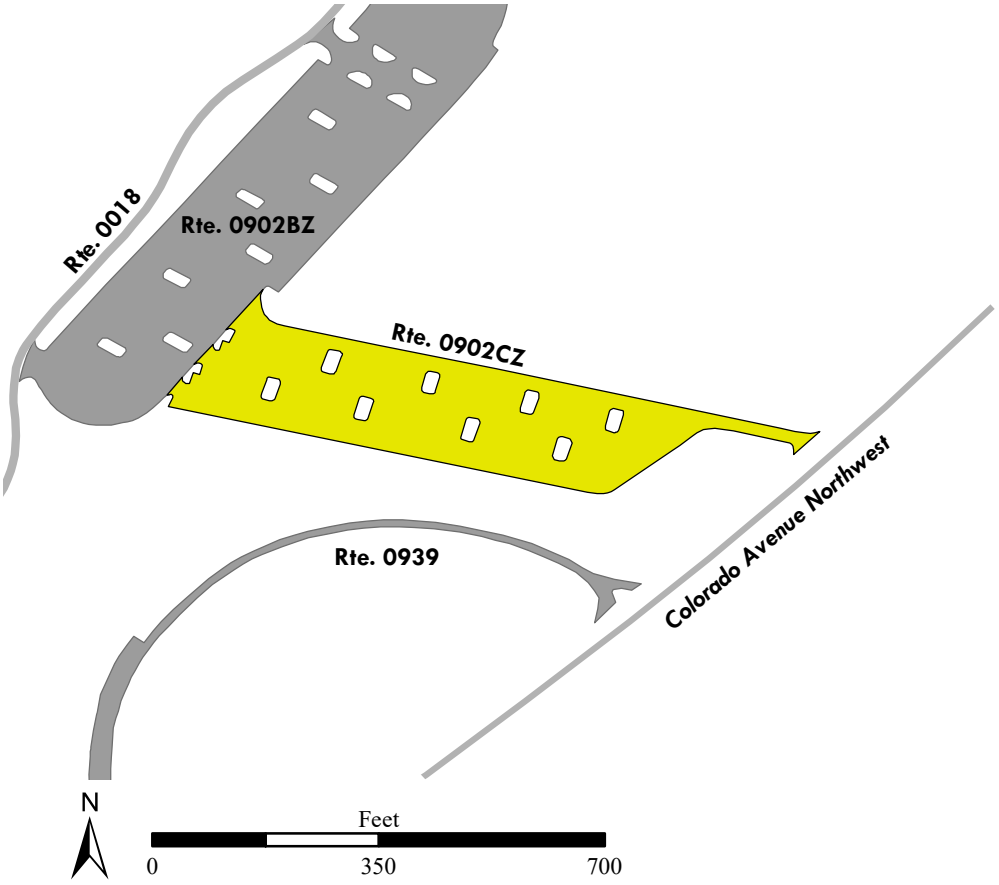
TO COLORADO AVENUE NORTHWEST

Inspection Date	FMSS Number	User Access	Surface Type
3/8/2018	51730	PUBLIC	ASPHALT
Area (Sq. Ft.)	**Lane Miles (11' Widths)**	**Curb Reveal (Inches)**	**Curb Recommendation**
88,271	1.52	7	DO NOTHING
Curb Type		**Curb & Gutter Type**	
CONCRETE		NO CURB AND GUTTER	
Pavement Recommendation		**Condition Rating / PCR**	
LIGHT 3R TREATMENTS		FAIR / 73	

Route Condition Legend – Pavement Condition Rating (PCR)

Poor (0 - 60) | **Fair (61- 84)** | **Good (85 - 94)** | **Excellent (95 - 100)** | **Not Rated**

See Appendix for definitions and formulas



Rock Creek Park

ROUTE 0903ZZ: ROCK CREEK GOLF COURSE PARKING AREAS

Summary Route
Manual Rating

FROM ROUTE 0206 (ROCK CREEK PARK GOLF COURSE ACCESS ROAD)

TO PARKING

Inspection Date	FMSS Number	User Access	Surface Type
3/8/2018	51731	PUBLIC	ASPHALT
Area (Sq. Ft.)	**Lane Miles (11' Widths)**	**Condition Rating / PCR**	
42,851	0.738	SUMMARY / 37	

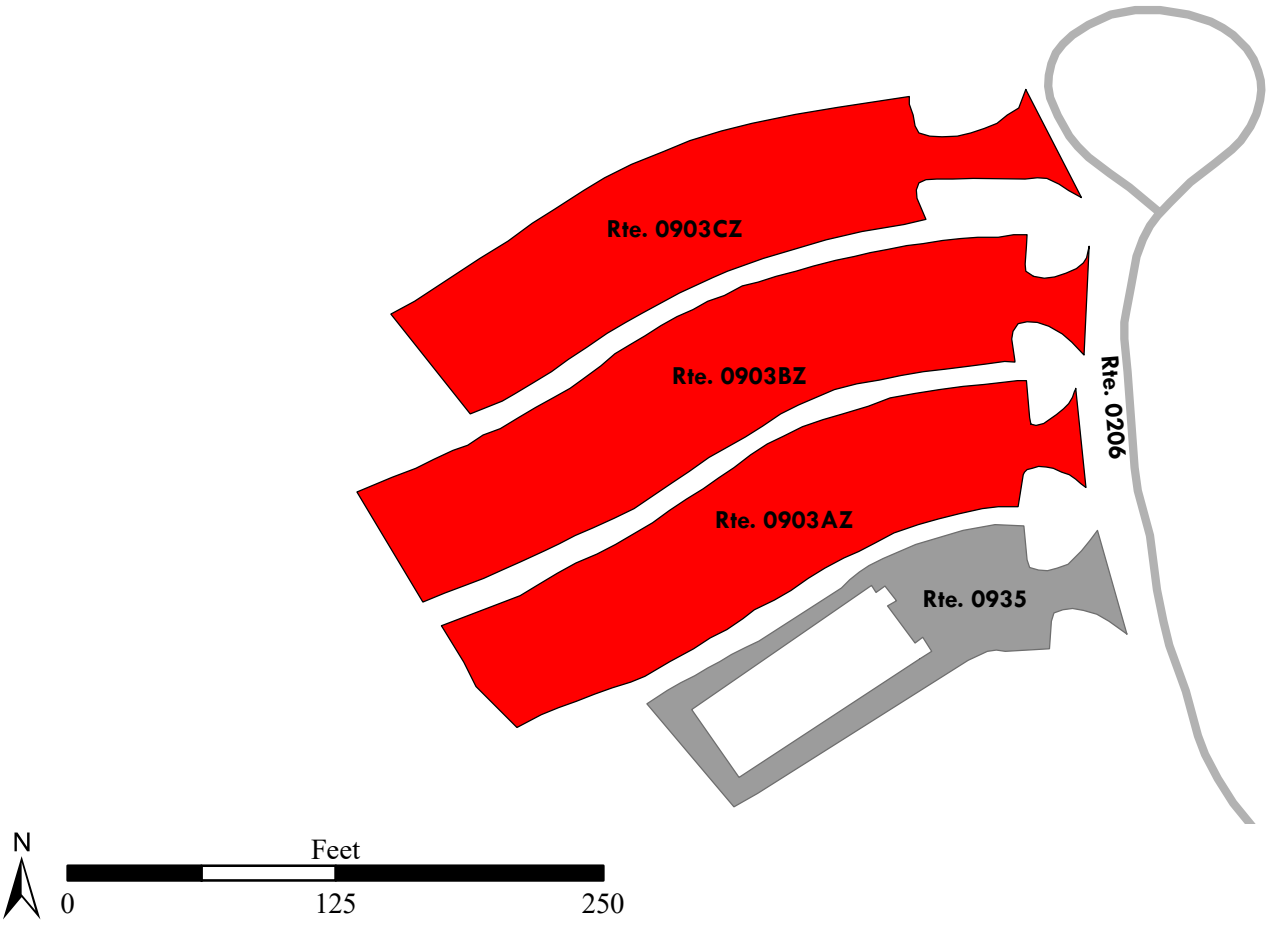
Route Condition Legend – Pavement Condition Rating (PCR)

Poor (0 - 60)	Fair (61- 84)	Good (85 - 94)	Excellent (95 - 100)	Not Rated

See Appendix for definitions and formulas

The condition shown on this page reflects the overall route condition and may not reflect individual subcomponent ratings.

Rte. 0903ZZ
(3 Subcomponents)



Rock Creek Park

ROUTE 0903AZ: ROCK CREEK GOLF COURSE PARKING A

Subcomponent of Route ROCR-0903ZZ
Manual Rating

FROM ROUTE 0206 (ROCK CREEK PARK GOLF COURSE ACCESS ROAD)

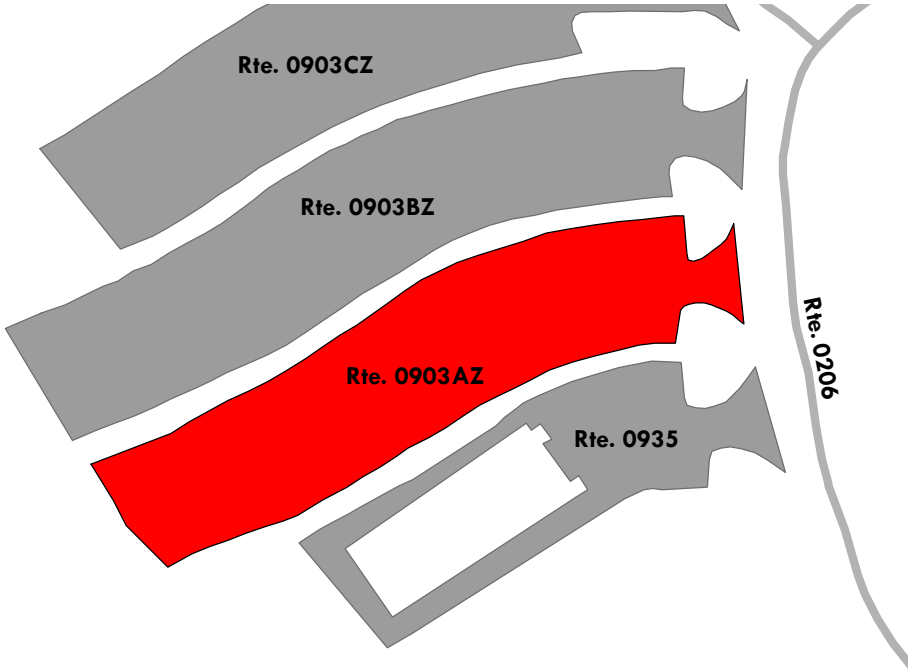
TO PARKING

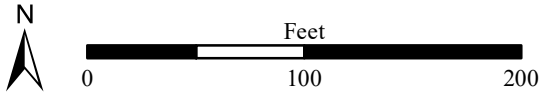
Inspection Date	FMSS Number	User Access	Surface Type
3/8/2018	51731	PUBLIC	ASPHALT
Area (Sq. Ft.)	**Lane Miles (11' Widths)**	**Curb Reveal (Inches)**	**Curb Recommendation**
13,698	0.236	NOT APPLICABLE	MODERATE REPAIR
Curb Type		**Curb & Gutter Type**	
NO CURB		CONCRETE	
Pavement Recommendation		**Condition Rating / PCR**	
HEAVY 3R TREATMENTS		POOR / 53	

Route Condition Legend – Pavement Condition Rating (PCR)

Poor (0 - 60)	Fair (61- 84)	Good (85 - 94)	Excellent (95 - 100)	Not Rated

See Appendix for definitions and formulas





Rock Creek Park

ROUTE 0903BZ: ROCK CREEK GOLF COURSE PARKING B

Subcomponent of Route ROCR-0903ZZ
Manual Rating

FROM ROUTE 0206 (ROCK CREEK PARK GOLF COURSE ACCESS ROAD)

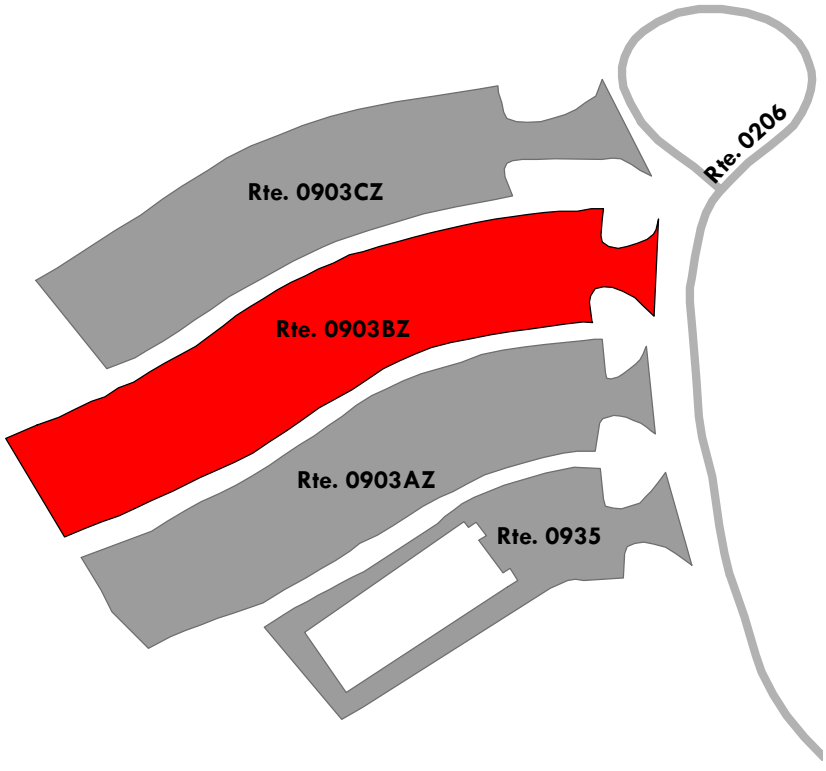
TO PARKING

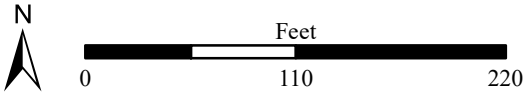
Inspection Date	FMSS Number	User Access	Surface Type
3/8/2018	51731	PUBLIC	ASPHALT
Area (Sq. Ft.)	**Lane Miles (11' Widths)**	**Curb Reveal (Inches)**	**Curb Recommendation**
15,865	0.273	NOT APPLICABLE	MODERATE REPAIR
Curb Type		**Curb & Gutter Type**	
NO CURB		CONCRETE	
Pavement Recommendation		**Condition Rating / PCR**	
RECONSTRUCTION		POOR / 30	

Route Condition Legend – Pavement Condition Rating (PCR)

Poor (0 - 60)	Fair (61- 84)	Good (85 - 94)	Excellent (95 - 100)	Not Rated

See Appendix for definitions and formulas





Rock Creek Park

ROUTE 0903CZ: ROCK CREEK GOLF COURSE PARKING C

Subcomponent of Route ROCR-0903ZZ
Manual Rating

FROM ROUTE 0206 (ROCK CREEK PARK GOLF COURSE ACCESS ROAD)

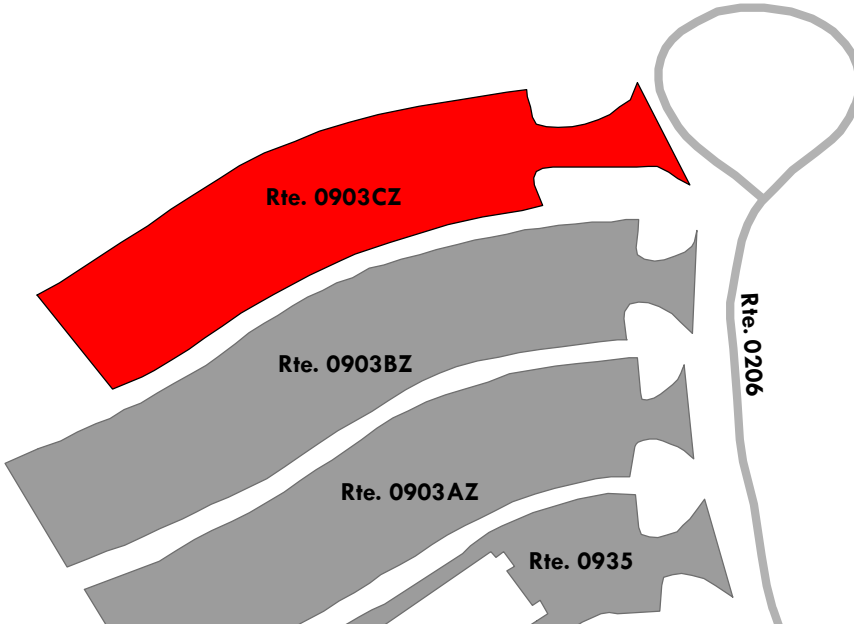
TO PARKING

Inspection Date	FMSS Number	User Access	Surface Type
3/8/2018	51731	PUBLIC	ASPHALT
Area (Sq. Ft.)	**Lane Miles (11' Widths)**	**Curb Reveal (Inches)**	**Curb Recommendation**
13,288	0.229	NOT APPLICABLE	LIGHT REPAIR
Curb Type		**Curb & Gutter Type**	
NO CURB		CONCRETE	
Pavement Recommendation		**Condition Rating / PCR**	
RECONSTRUCTION		POOR / 30	

Route Condition Legend – Pavement Condition Rating (PCR)

Poor (0 - 60) | **Fair (61- 84)** | **Good (85 - 94)** | **Excellent (95 - 100)** | **Not Rated**

See Appendix for definitions and formulas



N

Feet

0 110 220

Rock Creek Park

ROUTE 0904: H3 STABLE PARKING

Manual Rating

FROM END OF ROUTE 0500 (HORSE STABLE ROAD)

TO PARKING

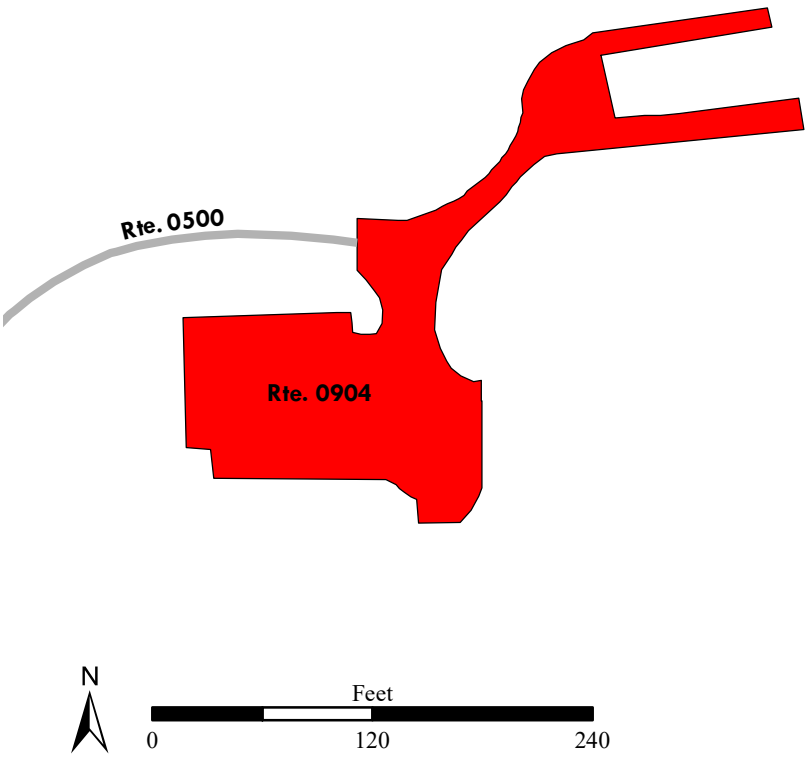
Inspection Date	FMSS Number	User Access	Surface Type
3/8/2018	51732	NONPUBLIC	ASPHALT
Area (Sq. Ft.)	**Lane Miles (11' Widths)**	**Curb Reveal (Inches)**	**Curb Recommendation**
17,798	0.306	3	MODERATE REPAIR
Curb Type		**Curb & Gutter Type**	
ASPHALT AND CONCRETE		NO CURB AND GUTTER	
Pavement Recommendation		**Condition Rating / PCR**	
HEAVY 3R TREATMENTS		POOR / 53	

Route Condition Legend – Pavement Condition Rating (PCR)

Poor (0 - 60)	Fair (61- 84)	Good (85 - 94)	Excellent (95 - 100)	Not Rated

See Appendix for definitions and formulas

Note: Parking area consists of multiple surface types: 1 part Asphalt at 16,912 square feet; 1 part Concrete 886 square feet.



Rock Creek Park

ROUTE 0910: EDGEWATER STABLE PARKING

Manual Rating

FROM ROUTE 0010 (BEACH DRIVE NORTHWEST) ON LEFT

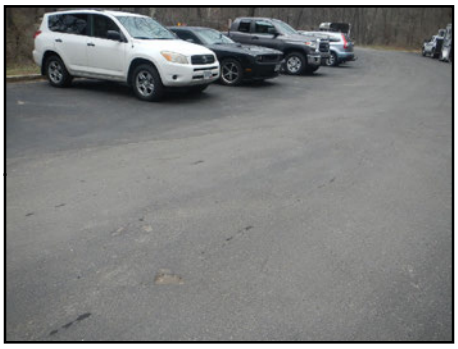
TO PARKING

Inspection Date	FMSS Number	User Access	Surface Type
3/8/2018	51734	NONPUBLIC	ASPHALT
Area (Sq. Ft.)	**Lane Miles (11' Widths)**	**Curb Reveal (Inches)**	**Curb Recommendation**
26,672	0.459	6	LIGHT REPAIR
Curb Type		**Curb & Gutter Type**	
CONCRETE		CONCRETE	
Pavement Recommendation		**Condition Rating / PCR**	
HEAVY 3R TREATMENTS		POOR / 53	

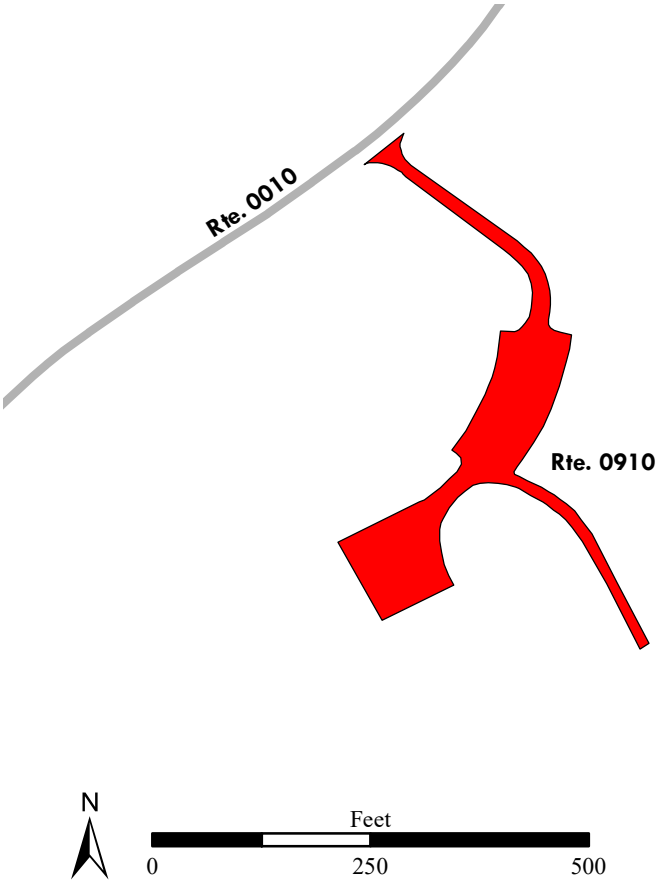
Route Condition Legend – Pavement Condition Rating (PCR)

Poor (0 - 60)	Fair (61- 84)	Good (85 - 94)	Excellent (95 - 100)	Not Rated

See Appendix for definitions and formulas



Note: Parking area consists of multiple surface types: 2 parts Asphalt at 16,220 square feet; 2 part Concrete 10,452 square feet.



Rock Creek Park

ROUTE 0911: PICNIC GROVE #2 PARKING

Manual Rating

FROM ROUTE 0010 (BEACH DRIVE NORTHWEST)

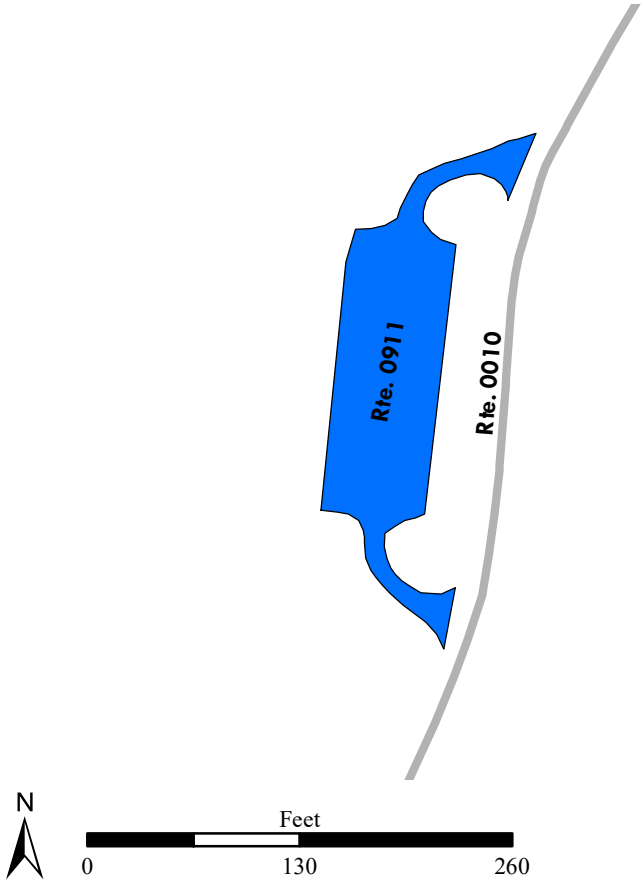
TO ROUTE 0010 (BEACH DRIVE NORTHWEST)

Inspection Date	FMSS Number	User Access	Surface Type
3/8/2018	51735	PUBLIC	ASPHALT
Area (Sq. Ft.)	**Lane Miles (11' Widths)**	**Curb Reveal (Inches)**	**Curb Recommendation**
10,987	0.189	NOT APPLICABLE	DO NOTHING
Curb Type		**Curb & Gutter Type**	
NO CURB		CONCRETE	
Pavement Recommendation		**Condition Rating / PCR**	
DO NOTHING		EXCELLENT / 97	

Route Condition Legend – Pavement Condition Rating (PCR)

Poor (0 - 60)	Fair (61- 84)	Good (85 - 94)	Excellent (95 - 100)	Not Rated

See Appendix for definitions and formulas



Rock Creek Park

ROUTE 0912ZZ: USPP PARKING AREA AREAS

Summary Route
Manual Rating

FROM ROUTE 0010 (BEACH DRIVE NORTHWEST) ON LEFT AND RIGHT

TO ROUTE 0010 (BEACH DRIVE NORTHWEST) ON LEFT

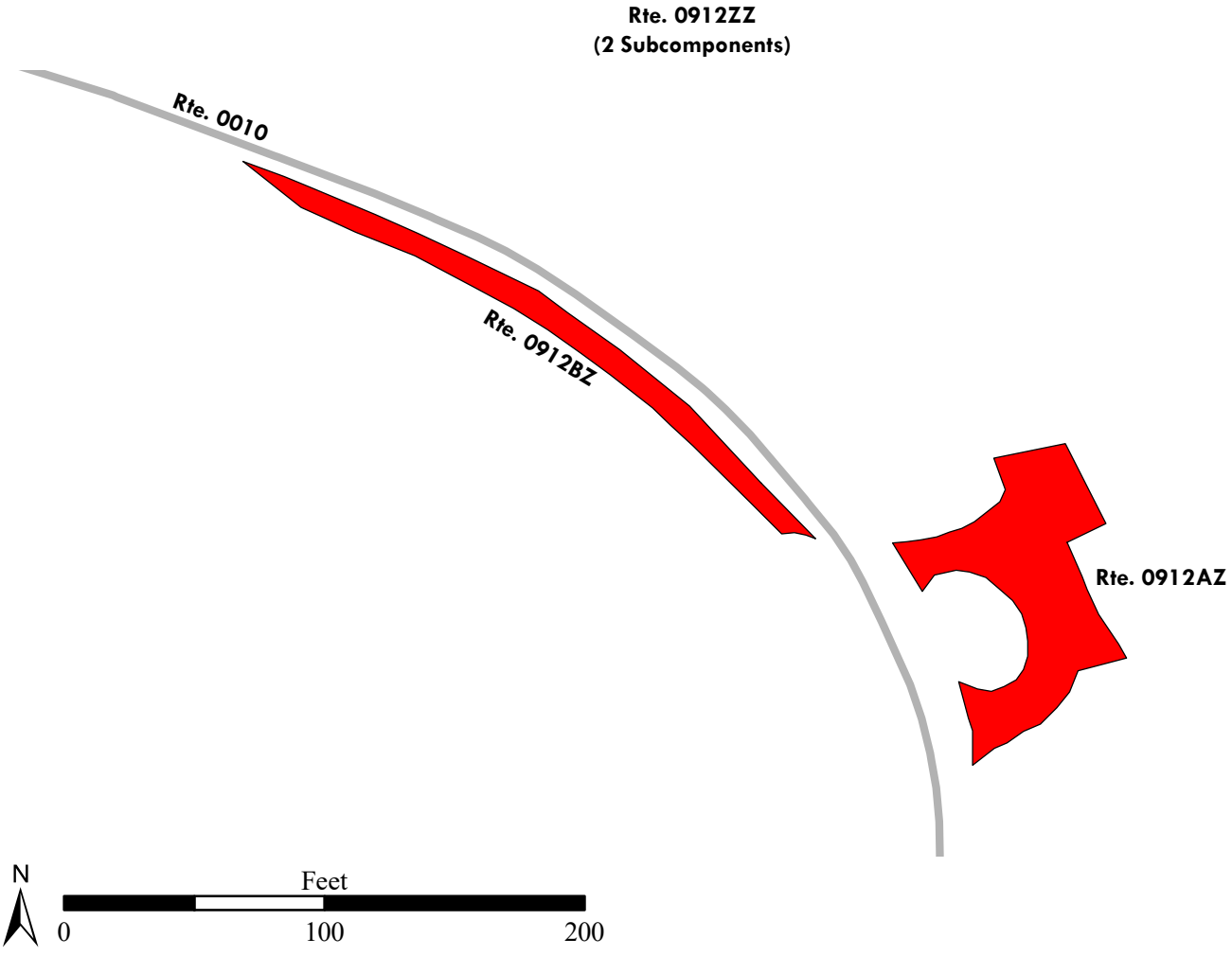
Inspection Date	FMSS Number	User Access	Surface Type
3/8/2018	51736	NONPUBLIC	ASPHALT
Area (Sq. Ft.)	**Lane Miles (11' Widths)**	**Condition Rating / PCR**	
5,084	0.087	SUMMARY / 10	

Route Condition Legend – Pavement Condition Rating (PCR)

Poor (0 - 60)	Fair (61- 84)	Good (85 - 94)	Excellent (95 - 100)	Not Rated

See Appendix for definitions and formulas

The condition shown on this page reflects the overall route condition and may not reflect individual subcomponent ratings.



Rock Creek Park

ROUTE 0912AZ: USPP PARKING AREA A

Subcomponent of Route ROCR-0912ZZ
Manual Rating

FROM ROUTE 0010 (BEACH DRIVE NORTHWEST) ON LEFT

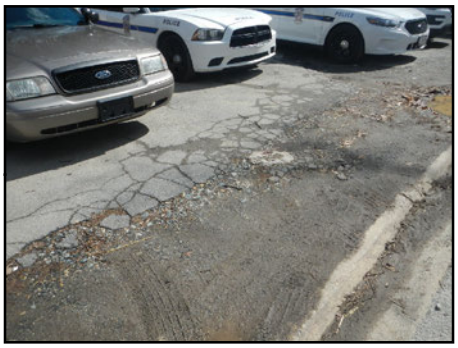
TO ROUTE 0010 (BEACH DRIVE NORTHWEST) ON LEFT

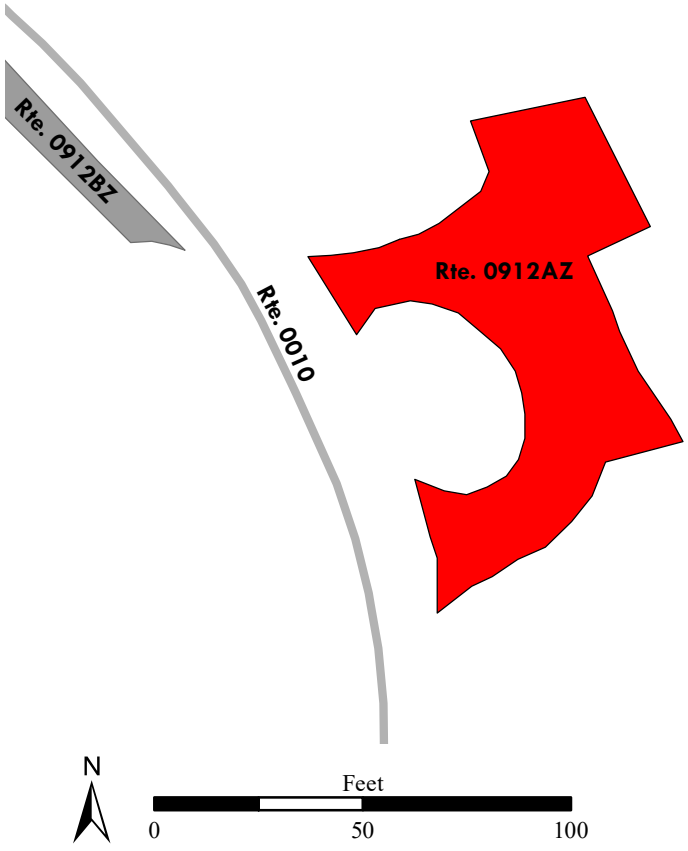
Inspection Date	FMSS Number	User Access	Surface Type
3/8/2018	51736	NONPUBLIC	ASPHALT
Area (Sq. Ft.)	**Lane Miles (11' Widths)**	**Curb Reveal (Inches)**	**Curb Recommendation**
3,318	0.057	NOT APPLICABLE	MODERATE REPAIR
Curb Type		**Curb & Gutter Type**	
NO CURB		CONCRETE	
Pavement Recommendation		**Condition Rating / PCR**	
RECONSTRUCTION		POOR / 0	

Route Condition Legend – Pavement Condition Rating (PCR)

Poor (0 - 60)	Fair (61- 84)	Good (85 - 94)	Excellent (95 - 100)	Not Rated

See Appendix for definitions and formulas





Rock Creek Park

ROUTE 0912BZ: USPP PARKING AREA B / PICNIC GROVE #5

Subcomponent of Route ROCR-0912ZZ
Manual Rating

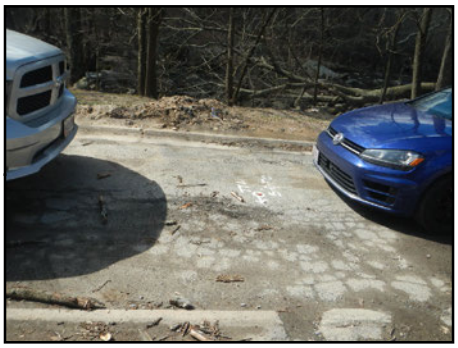
ADJACENT TO ROUTE 0010 (BEACH DRIVE NORTHWEST) ON RIGHT

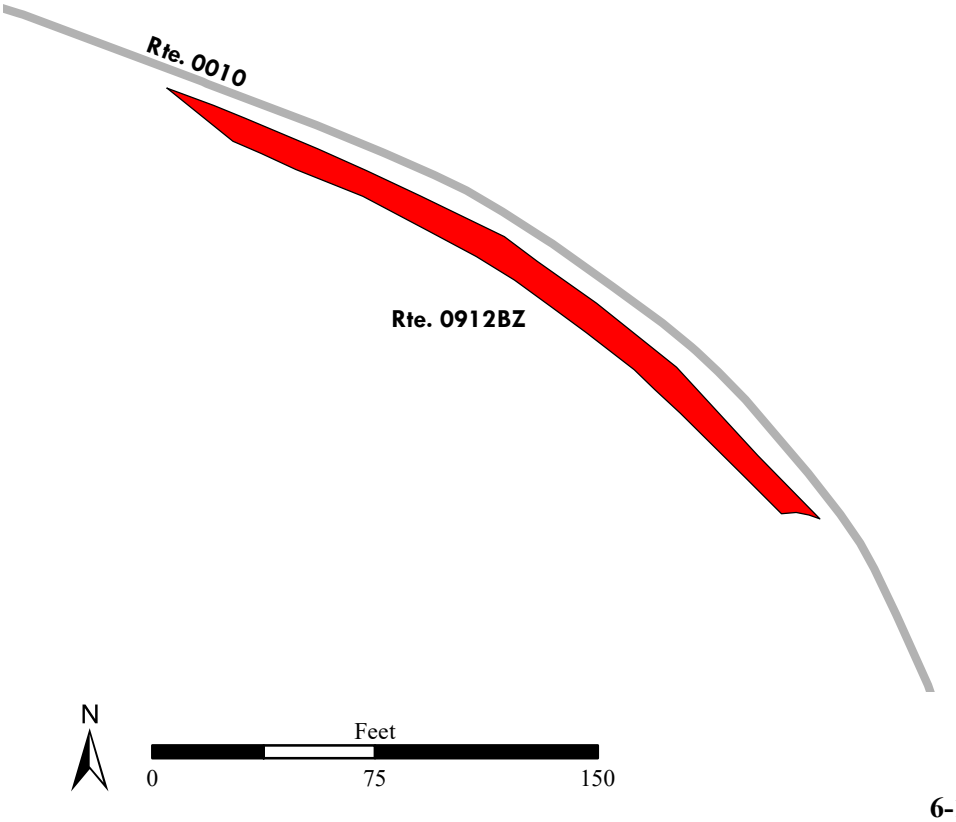
Inspection Date	FMSS Number	User Access	Surface Type
3/8/2018	51736	NONPUBLIC	ASPHALT
Area (Sq. Ft.)	**Lane Miles (11' Widths)**	**Curb Reveal (Inches)**	**Curb Recommendation**
1,766	0.03	NOT APPLICABLE	MODERATE REPAIR
Curb Type		**Curb & Gutter Type**	
NO CURB		CONCRETE	
Pavement Recommendation		**Condition Rating / PCR**	
RECONSTRUCTION		POOR / 30	

Route Condition Legend – Pavement Condition Rating (PCR)

Poor (0 - 60)	Fair (61- 84)	Good (85 - 94)	Excellent (95 - 100)	Not Rated

See Appendix for definitions and formulas





Rock Creek Park

ROUTE 0913: PICNIC GROVE #6 PARKING

Manual Rating

FROM ROUTE 0010 (BEACH DRIVE NORTHWEST) ON RIGHT

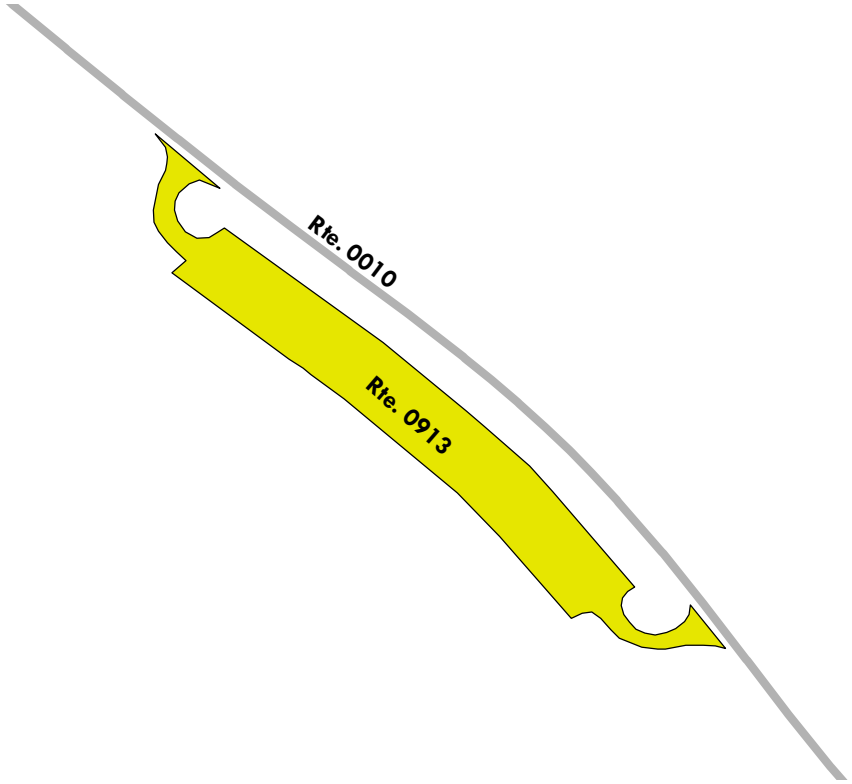
TO ROUTE 0010 (BEACH DRIVE NORTHWEST) ON RIGHT

Inspection Date	FMSS Number	User Access	Surface Type
3/8/2018	51738	PUBLIC	ASPHALT
Area (Sq. Ft.)	**Lane Miles (11' Widths)**	**Curb Reveal (Inches)**	**Curb Recommendation**
23,743	0.409	NOT APPLICABLE	LIGHT REPAIR
Curb Type		**Curb & Gutter Type**	
NO CURB		CONCRETE	
Pavement Recommendation		**Condition Rating / PCR**	
LIGHT 3R TREATMENTS		FAIR / 73	

Route Condition Legend – Pavement Condition Rating (PCR)

Poor (0 - 60) | **Fair (61- 84)** | **Good (85 - 94)** | **Excellent (95 - 100)** | **Not Rated**

See Appendix for definitions and formulas



Rock Creek Park

ROUTE 0914: PICNIC GROVE #7 PARKING

Manual Rating

FROM ROUTE 0010 (BEACH DRIVE NORTHWEST) ON LEFT

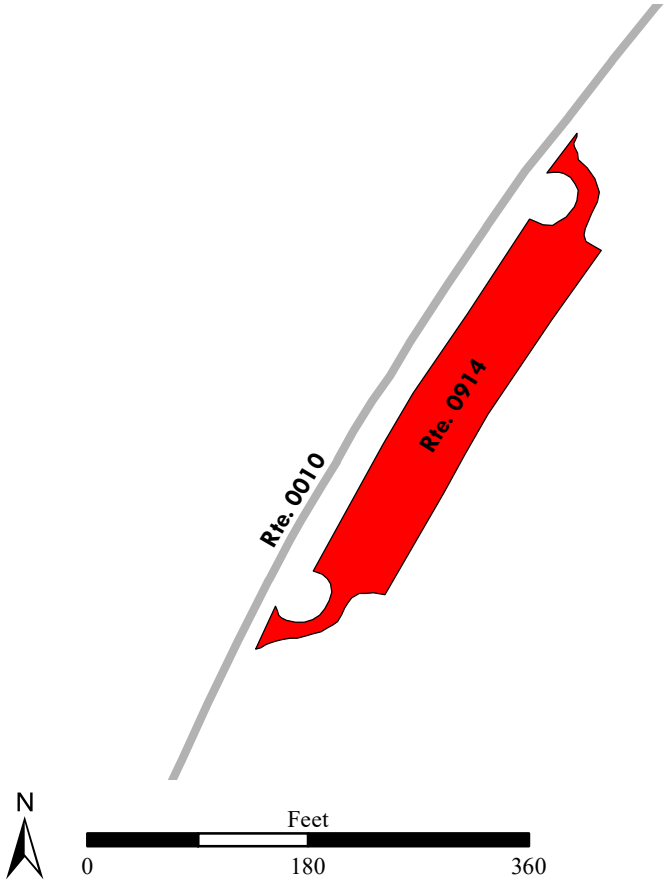
TO ROUTE 0010 (BEACH DRIVE NORTHWEST) ON LEFT

Inspection Date	FMSS Number	User Access	Surface Type
3/8/2018	51739	PUBLIC	ASPHALT
Area (Sq. Ft.)	**Lane Miles (11' Widths)**	**Curb Reveal (Inches)**	**Curb Recommendation**
18,249	0.314	NOT APPLICABLE	LIGHT REPAIR
Curb Type		**Curb & Gutter Type**	
NO CURB		CONCRETE	
Pavement Recommendation		**Condition Rating / PCR**	
RECONSTRUCTION		POOR / 30	

Route Condition Legend – Pavement Condition Rating (PCR)

Poor (0 - 60)	Fair (61- 84)	Good (85 - 94)	Excellent (95 - 100)	Not Rated

See Appendix for definitions and formulas



Rock Creek Park

ROUTE 0915: PICNIC GROVE # 8 PARKING

Manual Rating

FROM ROUTE 0010 (BEACH DRIVE NORTHWEST) ON LEFT

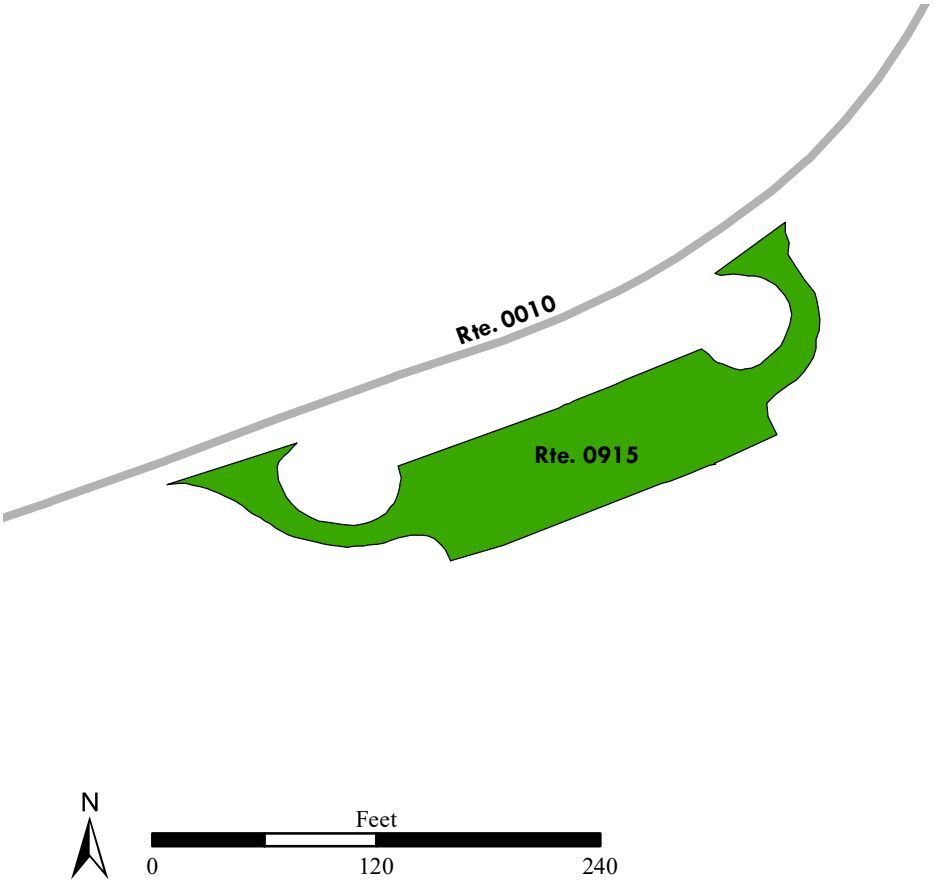
TO ROUTE 0010 (BEACH DRIVE NORTHWEST) ON LEFT

Inspection Date	FMSS Number	User Access	Surface Type
3/8/2018	51740	PUBLIC	ASPHALT
Area (Sq. Ft.)	**Lane Miles (11' Widths)**	**Curb Reveal (Inches)**	**Curb Recommendation**
11,773	0.203	NOT APPLICABLE	LIGHT REPAIR
Curb Type		**Curb & Gutter Type**	
NO CURB		CONCRETE	
Pavement Recommendation		**Condition Rating / PCR**	
PREVENTIVE MAINTENANCE		GOOD / 90	

Route Condition Legend – Pavement Condition Rating (PCR)

Poor (0 - 60)	Fair (61- 84)	Good (85 - 94)	Excellent (95 - 100)	Not Rated

See Appendix for definitions and formulas



Rock Creek Park

ROUTE 0916: PICNIC GROVE #9 PARKING

Manual Rating

FROM ROUTE 0010 (BEACH DRIVE NORTHWEST) ON LEFT

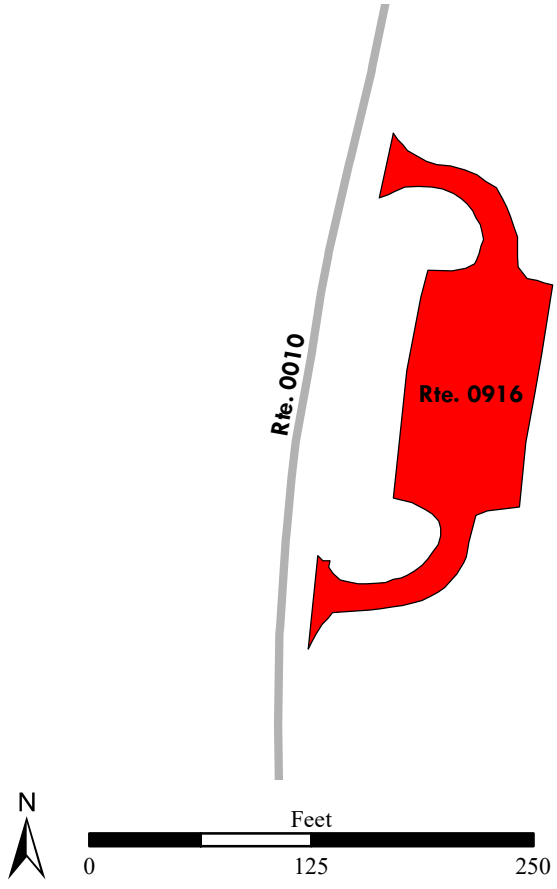
TO ROUTE 0010 (BEACH DRIVE NORTHWEST) ON LEFT

Inspection Date	FMSS Number	User Access	Surface Type
3/8/2018	51780	PUBLIC	ASPHALT
Area (Sq. Ft.)	**Lane Miles (11' Widths)**	**Curb Reveal (Inches)**	**Curb Recommendation**
10,631	0.183	NOT APPLICABLE	LIGHT REPAIR
Curb Type		**Curb & Gutter Type**	
NO CURB		CONCRETE	
Pavement Recommendation		**Condition Rating / PCR**	
HEAVY 3R TREATMENTS		POOR / 53	

Route Condition Legend – Pavement Condition Rating (PCR)

Poor (0 - 60)	Fair (61- 84)	Good (85 - 94)	Excellent (95 - 100)	Not Rated

See Appendix for definitions and formulas



Rock Creek Park

ROUTE 0917: PICNIC GROVE #10 PARKING

Manual Rating

FROM ROUTE 0010 (BEACH DRIVE NORTHWEST) ON LEFT

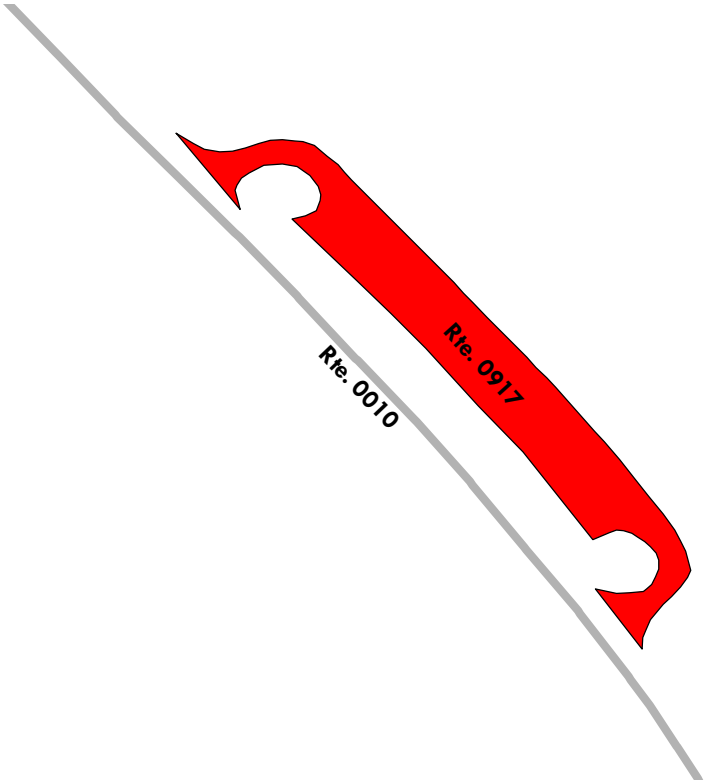
TO ROUTE 0010 (BEACH DRIVE NORTHWEST) ON LEFT

Inspection Date	FMSS Number	User Access	Surface Type
3/8/2018	51783	PUBLIC	ASPHALT
Area (Sq. Ft.)	**Lane Miles (11' Widths)**	**Curb Reveal (Inches)**	**Curb Recommendation**
14,492	0.25	NOT APPLICABLE	LIGHT REPAIR
Curb Type		**Curb & Gutter Type**	
NO CURB		CONCRETE	
Pavement Recommendation		**Condition Rating / PCR**	
HEAVY 3R TREATMENTS		POOR / 53	

Route Condition Legend – Pavement Condition Rating (PCR)

Poor (0 - 60)	Fair (61- 84)	Good (85 - 94)	Excellent (95 - 100)	Not Rated

See Appendix for definitions and formulas



Rock Creek Park

ROUTE 0918: PICNIC GROVE #1 PARKING

Manual Rating

FROM SHOEMAKER STREET NORTHWEST

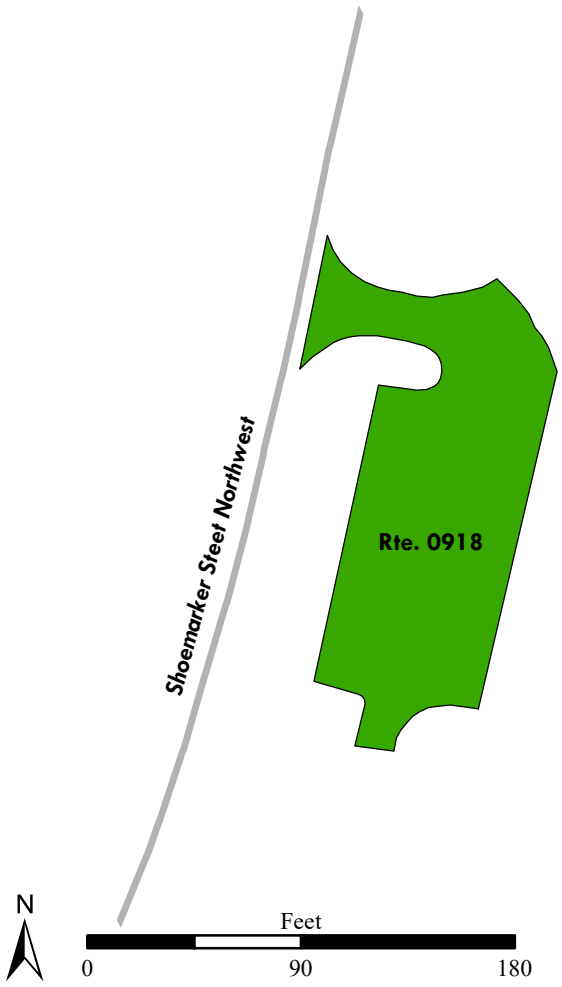
TO PARKING

Inspection Date	FMSS Number	User Access	Surface Type
3/8/2018	51784	PUBLIC	ASPHALT
Area (Sq. Ft.)	**Lane Miles (11' Widths)**	**Curb Reveal (Inches)**	**Curb Recommendation**
10,233	0.176	NOT APPLICABLE	DO NOTHING
Curb Type		**Curb & Gutter Type**	
NO CURB		CONCRETE	
Pavement Recommendation		**Condition Rating / PCR**	
PREVENTIVE MAINTENANCE		GOOD / 90	

Route Condition Legend – Pavement Condition Rating (PCR)

Poor (0 - 60)	Fair (61- 84)	Good (85 - 94)	Excellent (95 - 100)	Not Rated

See Appendix for definitions and formulas



Rock Creek Park

ROUTE 0920: TENNIS COURT PARKING LOOP

Manual Rating

FROM PARK ROAD NORTHWEST

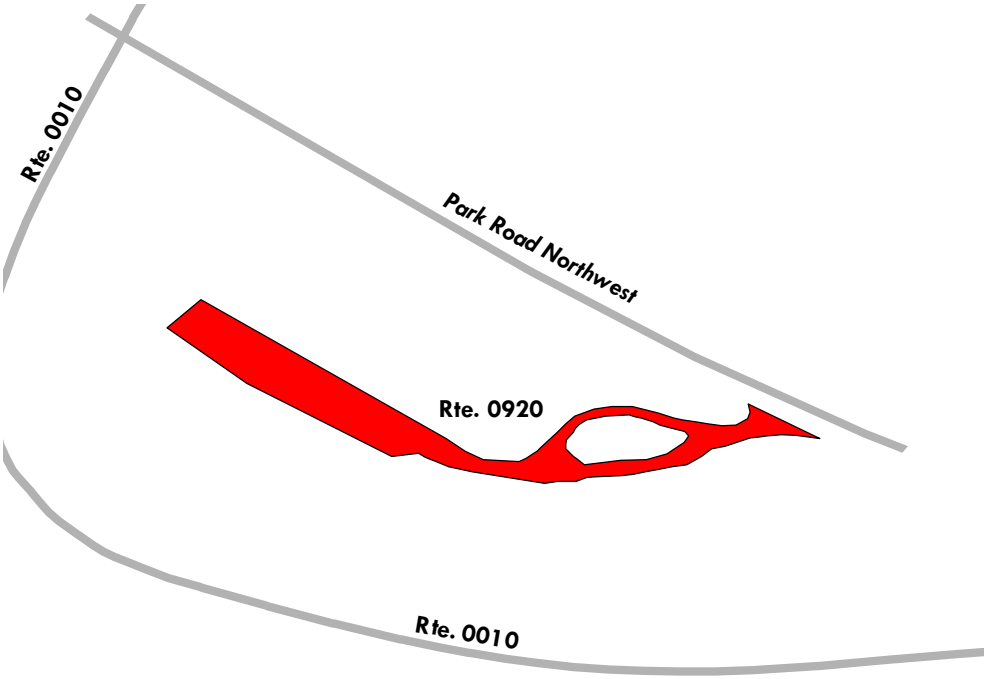
TO PARKING

Inspection Date	FMSS Number	User Access	Surface Type
3/8/2018	51787	PUBLIC	ASPHALT
Area (Sq. Ft.)	**Lane Miles (11' Widths)**	**Curb Reveal (Inches)**	**Curb Recommendation**
15,518	0.267	6	REPLACE
Curb Type		**Curb & Gutter Type**	
STONE AND WOOD		NO CURB AND GUTTER	
Pavement Recommendation		**Condition Rating / PCR**	
RECONSTRUCTION		POOR / 30	

Route Condition Legend – Pavement Condition Rating (PCR)

Poor (0 - 60)	Fair (61- 84)	Good (85 - 94)	Excellent (95 - 100)	Not Rated

See Appendix for definitions and formulas



Rock Creek Park

ROUTE 0921: PICNIC AREA #2 NORTH / BROAD BRANCH PARKING

Manual Rating

FROM ROUTE 0027 (BROAD BRANCH ROAD NORTHWEST)

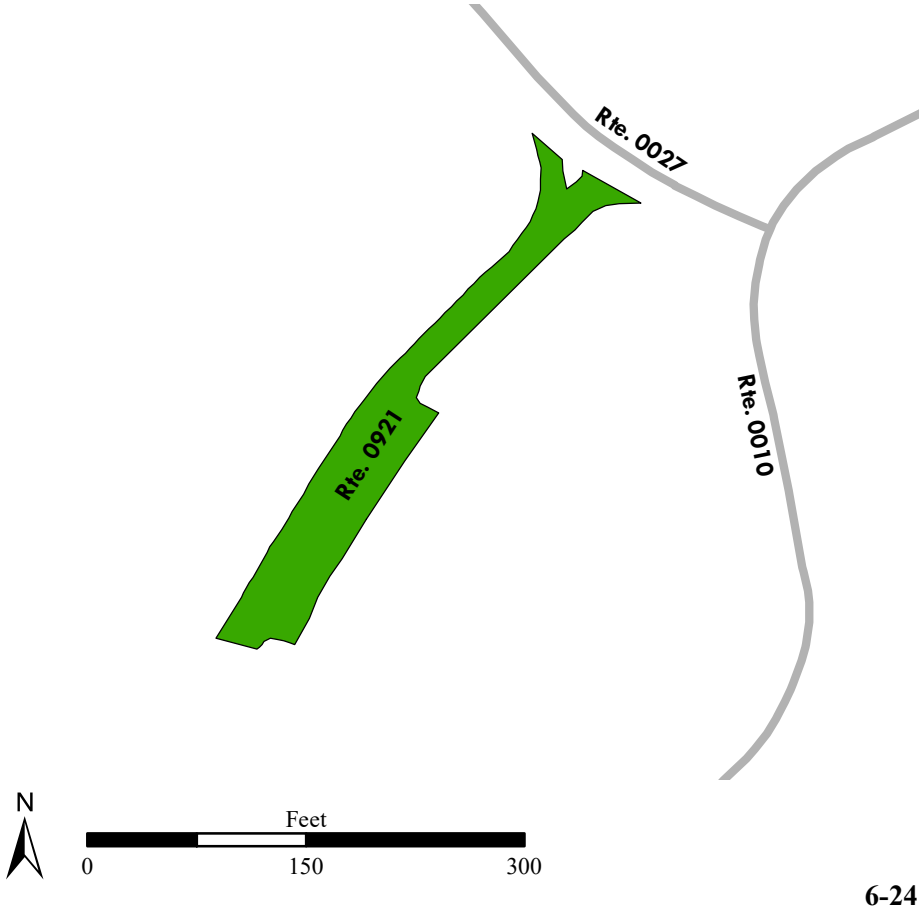
TO PARKING

Inspection Date	FMSS Number	User Access	Surface Type
3/8/2018	51788	PUBLIC	ASPHALT
Area (Sq. Ft.)	**Lane Miles (11' Widths)**	**Curb Reveal (Inches)**	**Curb Recommendation**
11,400	0.196	NOT APPLICABLE	DO NOTHING
Curb Type		**Curb & Gutter Type**	
NO CURB		CONCRETE	
Pavement Recommendation		**Condition Rating / PCR**	
PREVENTIVE MAINTENANCE		GOOD / 90	

Route Condition Legend – Pavement Condition Rating (PCR)

Poor (0 - 60)	Fair (61- 84)	Good (85 - 94)	Excellent (95 - 100)	Not Rated

See Appendix for definitions and formulas



Rock Creek Park

ROUTE 0922: PICNIC GROVE #27 PARKING

Manual Rating

FROM ROUTE 0019 (GLOVER ROAD NORTHWEST/RIDGE ROAD NORTHWEST)

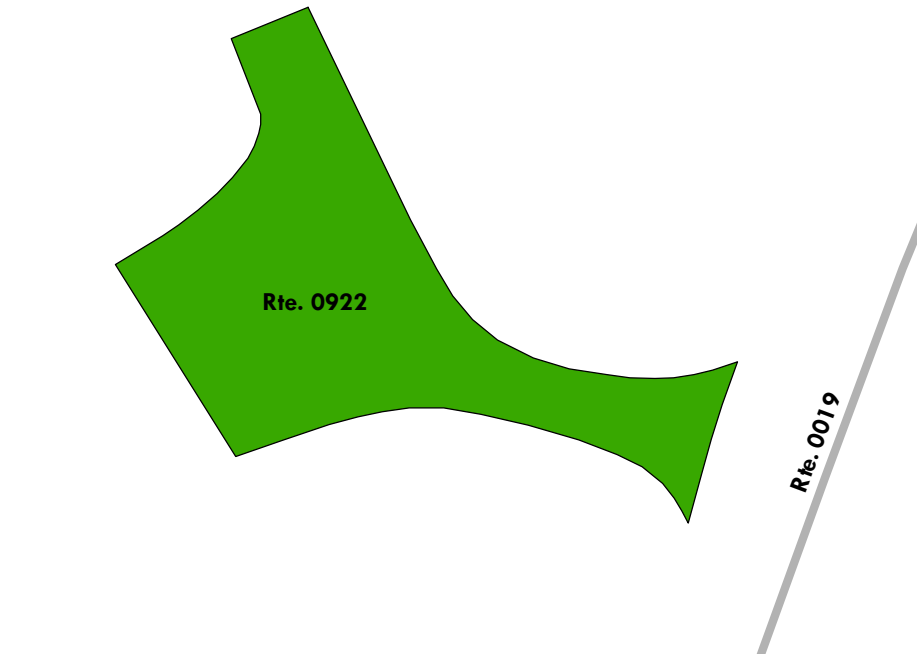
TO PARKING

Inspection Date	FMSS Number	User Access	Surface Type
3/8/2018	51790	PUBLIC	ASPHALT
Area (Sq. Ft.)	**Lane Miles (11' Widths)**	**Curb Reveal (Inches)**	**Curb Recommendation**
1,980	0.034	5	DO NOTHING
Curb Type		**Curb & Gutter Type**	
CONCRETE		NO CURB AND GUTTER	
Pavement Recommendation		**Condition Rating / PCR**	
PREVENTIVE MAINTENANCE		GOOD / 90	

Route Condition Legend – Pavement Condition Rating (PCR)

Poor (0 - 60)	Fair (61- 84)	Good (85 - 94)	Excellent (95 - 100)	Not Rated

See Appendix for definitions and formulas



Rock Creek Park

ROUTE 0923: PICNIC GROVE #13 PARKING

Manual Rating

FROM ROUTE 0019 (GLOVER ROAD NORTHWEST/RIDGE ROAD NORTHWEST)

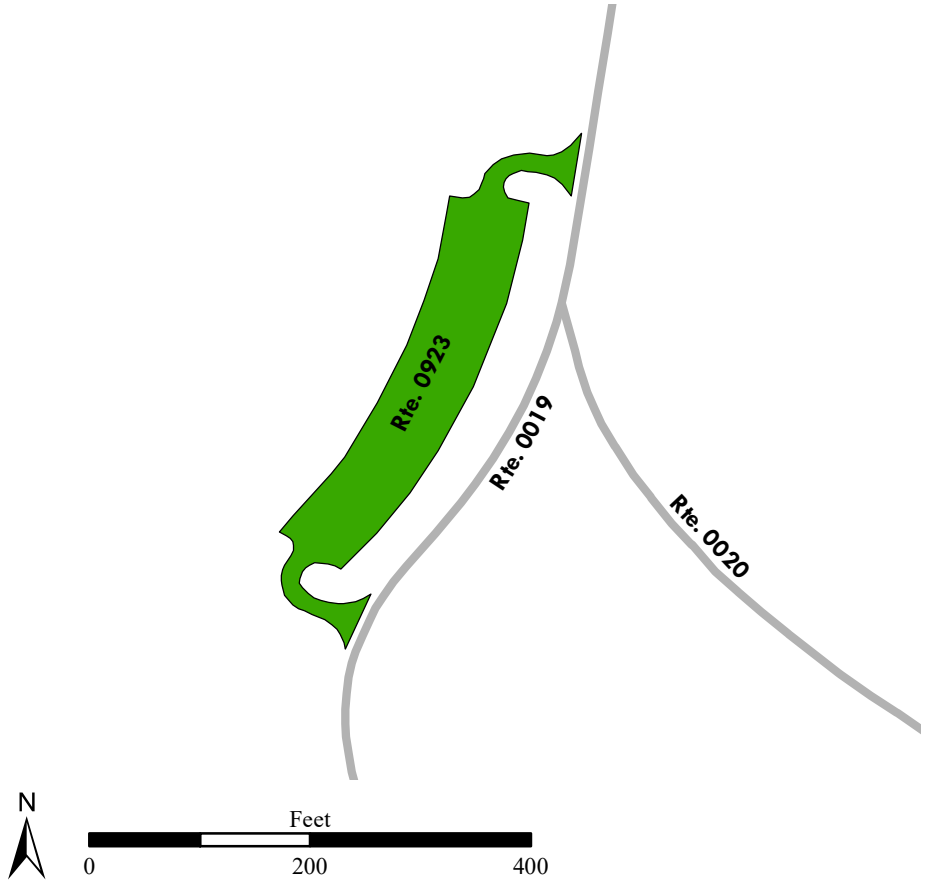
TO ROUTE 0019 (GLOVER ROAD NORTHWEST/RIDGE ROAD NORTHWEST)

Inspection Date	FMSS Number	User Access	Surface Type
3/8/2018	51792	PUBLIC	ASPHALT
Area (Sq. Ft.)	**Lane Miles (11' Widths)**	**Curb Reveal (Inches)**	**Curb Recommendation**
23,127	0.398	4	DO NOTHING
Curb Type		**Curb & Gutter Type**	
CONCRETE		NO CURB AND GUTTER	
Pavement Recommendation		**Condition Rating / PCR**	
PREVENTIVE MAINTENANCE		GOOD / 90	

Route Condition Legend – Pavement Condition Rating (PCR)

Poor (0 - 60)	Fair (61- 84)	Good (85 - 94)	Excellent (95 - 100)	Not Rated

See Appendix for definitions and formulas



Rock Creek Park

ROUTE 0924: NATURE CENTER ACCESS PARKING

Manual Rating

FROM ROUTE 0020 (EAST GLOVER ROAD)

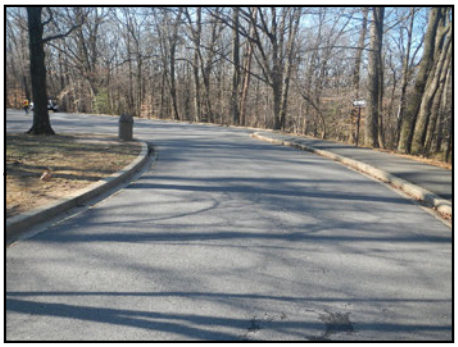
TO PARKING

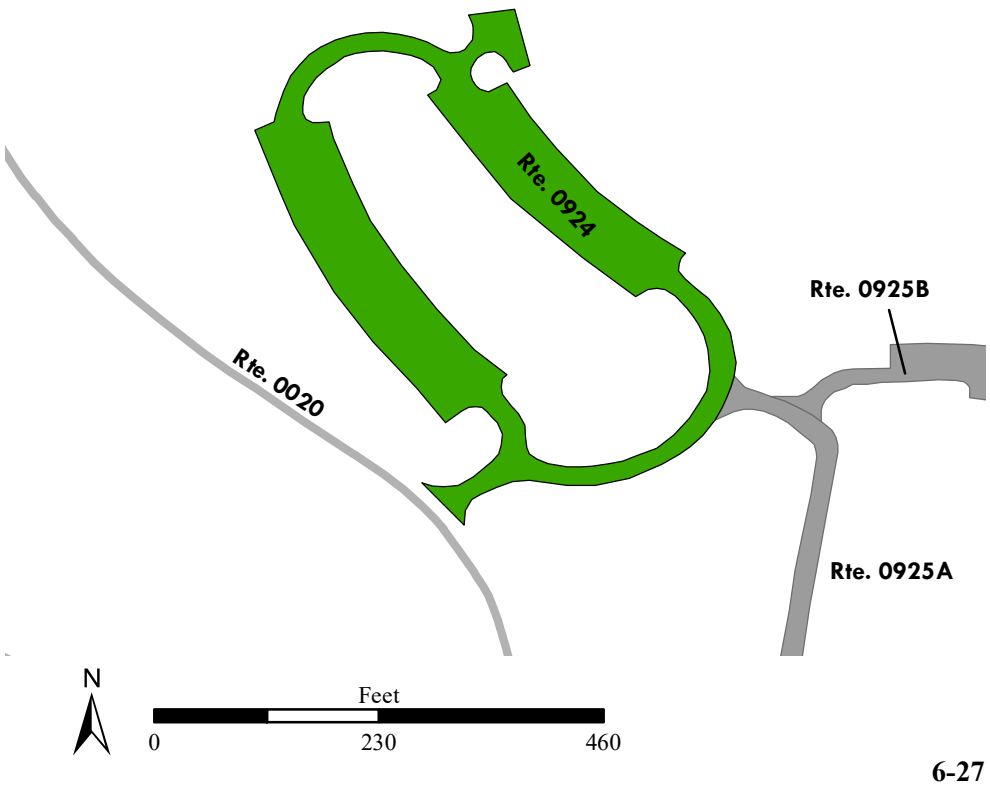
Inspection Date	FMSS Number	User Access	Surface Type
3/8/2018	51794	PUBLIC	ASPHALT
Area (Sq. Ft.)	**Lane Miles (11' Widths)**	**Curb Reveal (Inches)**	**Curb Recommendation**
49,861	0.858	NOT APPLICABLE	LIGHT REPAIR
Curb Type		**Curb & Gutter Type**	
NO CURB		CONCRETE	
Pavement Recommendation		**Condition Rating / PCR**	
PREVENTIVE MAINTENANCE		GOOD / 90	

Route Condition Legend – Pavement Condition Rating (PCR)

Poor (0 - 60) | **Fair (61- 84)** | **Good (85 - 94)** | **Excellent (95 - 100)** | **Not Rated**

See Appendix for definitions and formulas





Rock Creek Park

ROUTE 0925A: BOARDING STABLE ACCESS ROAD PARKING A

Manual Rating

FROM ROUTE 0924 (NATURE CENTER ACCESS PARKING)

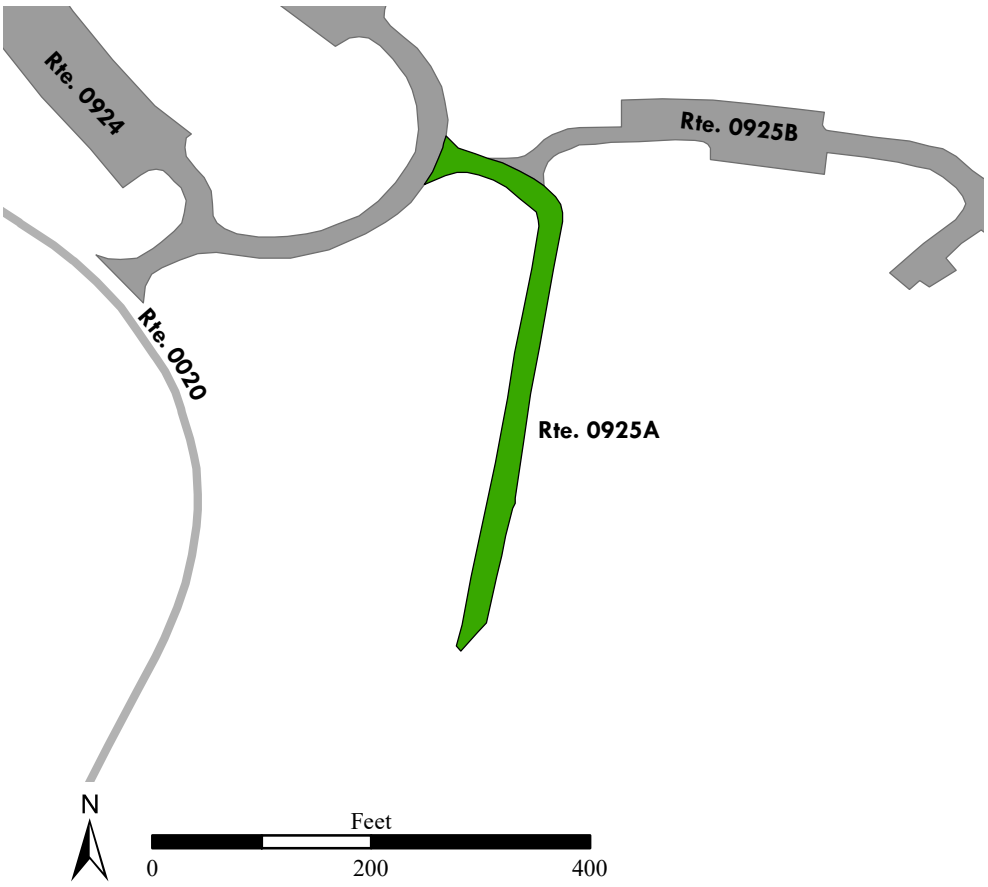
TO PARKING

Inspection Date	FMSS Number	User Access	Surface Type
3/8/2018	51797	NONPUBLIC	ASPHALT
Area (Sq. Ft.)	**Lane Miles (11' Widths)**	**Curb Reveal (Inches)**	**Curb Recommendation**
8,720	0.15	NOT APPLICABLE	DO NOTHING
Curb Type		**Curb & Gutter Type**	
NO CURB		CONCRETE	
Pavement Recommendation		**Condition Rating / PCR**	
PREVENTIVE MAINTENANCE		GOOD / 90	

Route Condition Legend – Pavement Condition Rating (PCR)

Poor (0 - 60)	Fair (61- 84)	Good (85 - 94)	Excellent (95 - 100)	Not Rated

See Appendix for definitions and formulas



Rock Creek Park

ROUTE 0925B: BOARDING STABLE ACCESS ROAD PARKING B

Manual Rating

FROM ROUTE 0925A (BOARDING STABLE ACCESS ROAD PARKING A)

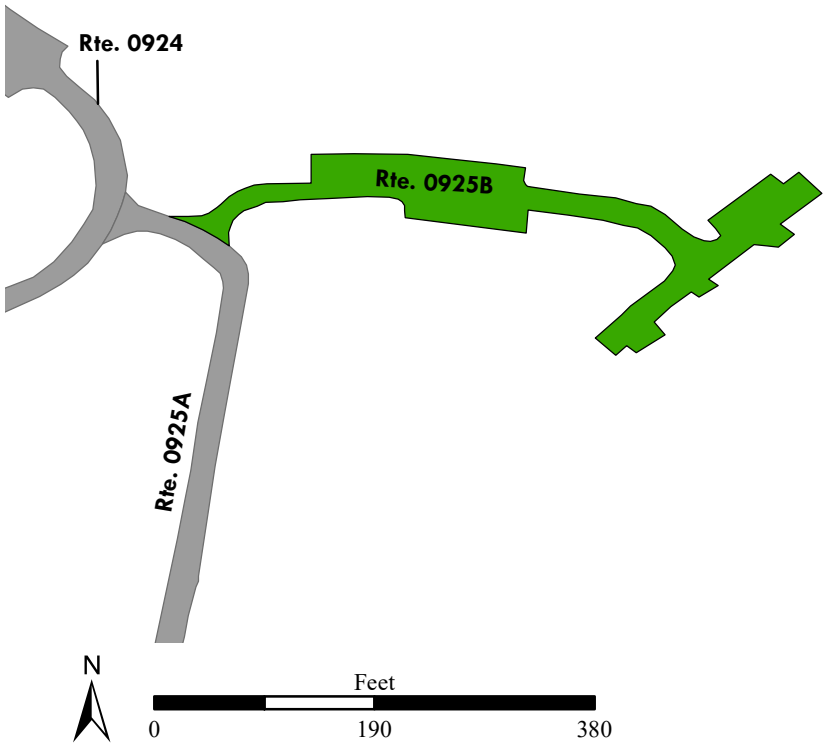
TO PARKING

Inspection Date	FMSS Number	User Access	Surface Type
3/8/2018	N/A	PUBLIC	ASPHALT
Area (Sq. Ft.)	**Lane Miles (11' Widths)**	**Curb Reveal (Inches)**	**Curb Recommendation**
16,800	0.289	NOT APPLICABLE	DO NOTHING
Curb Type		**Curb & Gutter Type**	
NO CURB		CONCRETE	
Pavement Recommendation		**Condition Rating / PCR**	
PREVENTIVE MAINTENANCE		GOOD / 90	

Route Condition Legend – Pavement Condition Rating (PCR)

Poor (0 - 60)	Fair (61- 84)	Good (85 - 94)	Excellent (95 - 100)	Not Rated

See Appendix for definitions and formulas



Rock Creek Park

ROUTE 0926: ROCR MAINTENANCE PARKING WEST

Manual Rating

FROM ROUTE 0020 (EAST GLOVER ROAD)

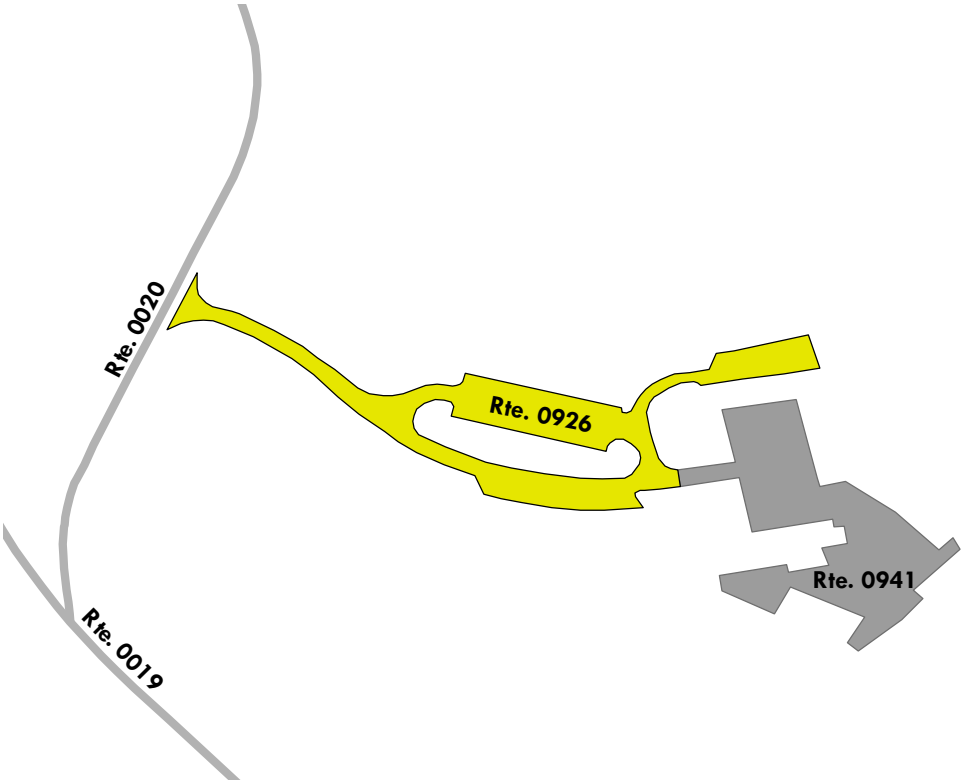
TO 0941(ROCR MAINTENANCE STAFF PARKING)

Inspection Date	FMSS Number	User Access	Surface Type
3/8/2018	51798	PUBLIC	ASPHALT
Area (Sq. Ft.)	**Lane Miles (11' Widths)**	**Curb Reveal (Inches)**	**Curb Recommendation**
34,354	0.591	4	LIGHT REPAIR
Curb Type		**Curb & Gutter Type**	
CONCRETE		CONCRETE	
Pavement Recommendation		**Condition Rating / PCR**	
LIGHT 3R TREATMENTS		FAIR / 73	

Route Condition Legend – Pavement Condition Rating (PCR)

Poor (0 - 60)	Fair (61- 84)	Good (85 - 94)	Excellent (95 - 100)	Not Rated

See Appendix for definitions and formulas



Rock Creek Park

ROUTE 0927: PICNIC GROVE #20 PARKING

Manual Rating

FROM ROUTE 0016 (ROSS DRIVE NORTHWEST)

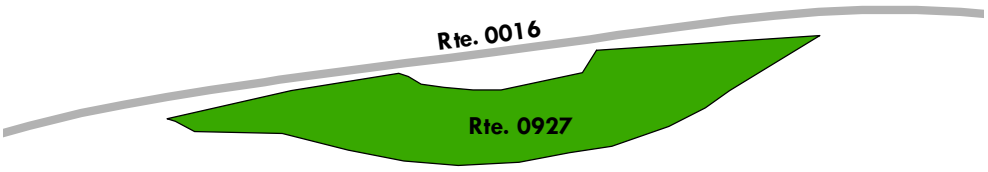
TO ROUTE 0016 (ROSS DRIVE NORTHWEST)

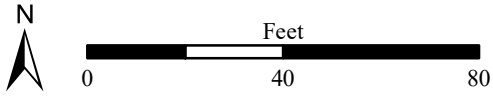
Inspection Date	FMSS Number	User Access	Surface Type
3/8/2018	51800	PUBLIC	ASPHALT
Area (Sq. Ft.)	**Lane Miles (11' Widths)**	**Curb Reveal (Inches)**	**Curb Recommendation**
1,254	0.022	5	DO NOTHING
Curb Type		**Curb & Gutter Type**	
CONCRETE		NO CURB AND GUTTER	
Pavement Recommendation		**Condition Rating / PCR**	
PREVENTIVE MAINTENANCE		GOOD / 90	

Route Condition Legend – Pavement Condition Rating (PCR)

Poor (0 - 60) | **Fair (61- 84)** | **Good (85 - 94)** | **Excellent (95 - 100)** | **Not Rated**

See Appendix for definitions and formulas





Rock Creek Park

ROUTE 0928: PICNIC GROVE #20A PARKING

Manual Rating

FROM ROUTE 0016 (ROSS DRIVE NORTHWEST)

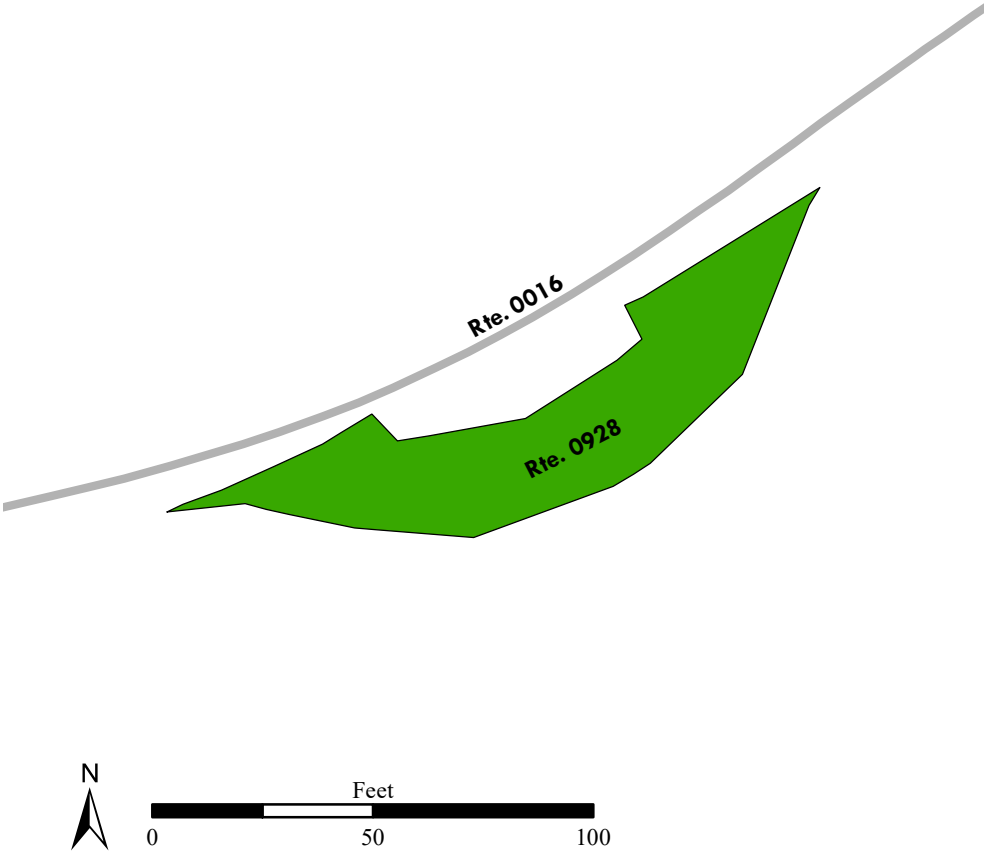
TO ROUTE 0016 (ROSS DRIVE NORTHWEST)

Inspection Date	FMSS Number	User Access	Surface Type
3/8/2018	51801	PUBLIC	ASPHALT
Area (Sq. Ft.)	**Lane Miles (11' Widths)**	**Curb Reveal (Inches)**	**Curb Recommendation**
2,403	0.041	5	DO NOTHING
Curb Type		**Curb & Gutter Type**	
CONCRETE		NO CURB AND GUTTER	
Pavement Recommendation		**Condition Rating / PCR**	
PREVENTIVE MAINTENANCE		GOOD / 90	

Route Condition Legend – Pavement Condition Rating (PCR)

Poor (0 - 60)	Fair (61- 84)	Good (85 - 94)	Excellent (95 - 100)	Not Rated

See Appendix for definitions and formulas



Rock Creek Park

ROUTE 0929: PICNIC GROVE #21 PARKING

Manual Rating

FROM ROUTE 0016 (ROSS DRIVE NORTHWEST)

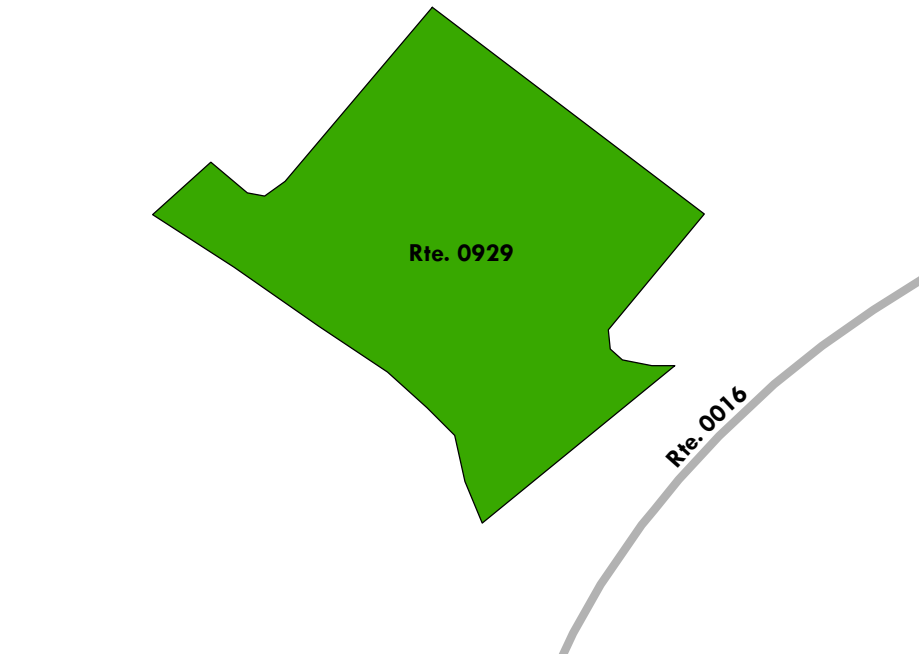
TO PARKING

Inspection Date	FMSS Number	User Access	Surface Type
3/8/2018	51802	PUBLIC	ASPHALT
Area (Sq. Ft.)	**Lane Miles (11' Widths)**	**Curb Reveal (Inches)**	**Curb Recommendation**
1,661	0.029	7	DO NOTHING
Curb Type		**Curb & Gutter Type**	
CONCRETE		NO CURB AND GUTTER	
Pavement Recommendation		**Condition Rating / PCR**	
PREVENTIVE MAINTENANCE		GOOD / 90	

Route Condition Legend – Pavement Condition Rating (PCR)

Poor (0 - 60) | **Fair (61- 84)** | **Good (85 - 94)** | **Excellent (95 - 100)** | **Not Rated**

See Appendix for definitions and formulas



Rock Creek Park

ROUTE 0930: PICNIC GROVE #22 PARKING

Manual Rating

FROM ROUTE 0016 (ROSS DRIVE NORTHWEST)

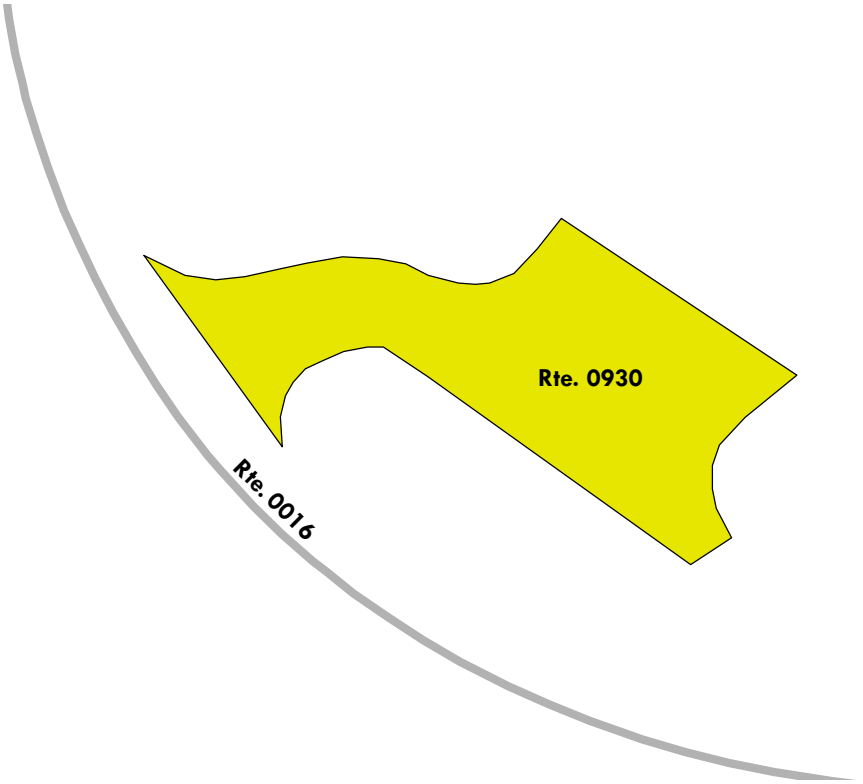
TO PARKING

Inspection Date	FMSS Number	User Access	Surface Type
3/8/2018	51804	PUBLIC	ASPHALT
Area (Sq. Ft.)	**Lane Miles (11' Widths)**	**Curb Reveal (Inches)**	**Curb Recommendation**
2,611	0.045	5	DO NOTHING
Curb Type		**Curb & Gutter Type**	
CONCRETE		NO CURB AND GUTTER	
Pavement Recommendation		**Condition Rating / PCR**	
LIGHT 3R TREATMENTS		FAIR / 73	

Route Condition Legend – Pavement Condition Rating (PCR)

Poor (0 - 60) | **Fair (61- 84)** | **Good (85 - 94)** | **Excellent (95 - 100)** | **Not Rated**

See Appendix for definitions and formulas



Rock Creek Park

ROUTE 0932: THOMPSON'S BOAT CENTER PARKING

Manual Rating

FROM ROUTE 0002 (ROCK CREEK AND POTOMAC PARKWAY SOUTHBOUND) AT END

TO PARKING

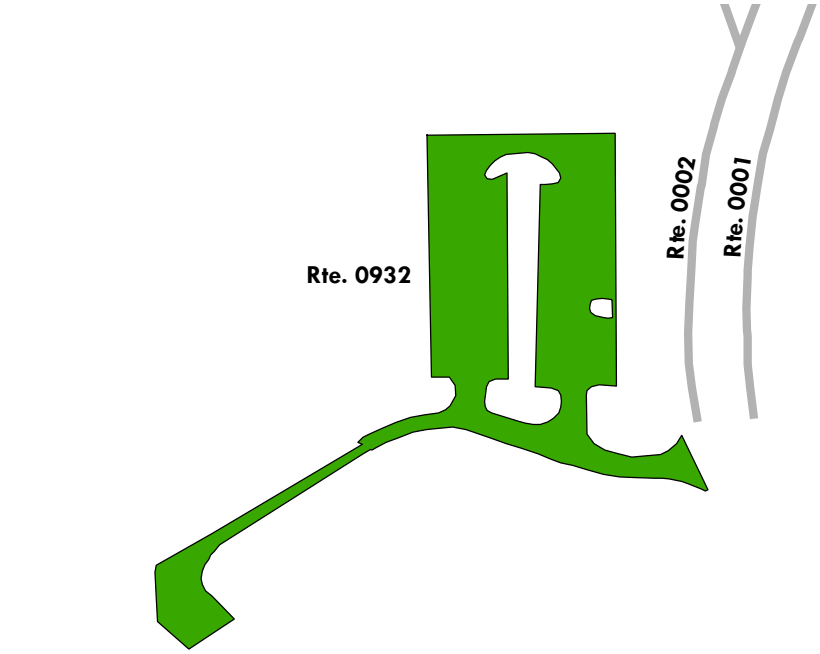
Inspection Date	FMSS Number	User Access	Surface Type
3/8/2018	51807	PUBLIC	ASPHALT
Area (Sq. Ft.)	**Lane Miles (11' Widths)**	**Curb Reveal (Inches)**	**Curb Recommendation**
34,949	0.602	NOT APPLICABLE	DO NOTHING
Curb Type		**Curb & Gutter Type**	
NO CURB		CONCRETE	
Pavement Recommendation		**Condition Rating / PCR**	
PREVENTIVE MAINTENANCE		GOOD / 90	

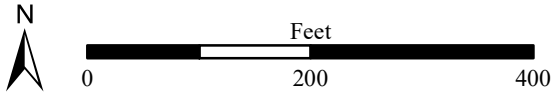
Route Condition Legend – Pavement Condition Rating (PCR)

Poor (0 - 60)	Fair (61- 84)	Good (85 - 94)	Excellent (95 - 100)	Not Rated

See Appendix for definitions and formulas

Note: Parking area consists of multiple surface types: 2 parts Asphalt at 33,735 square feet; 1 part Concrete 1,214 square feet.





Rock Creek Park

ROUTE 0933: CARTER BARRON STAGE PARKING

Manual Rating

FROM ROUTE 0018 (STAGE ROAD) AT MP 0.05 (ON RIGHT)

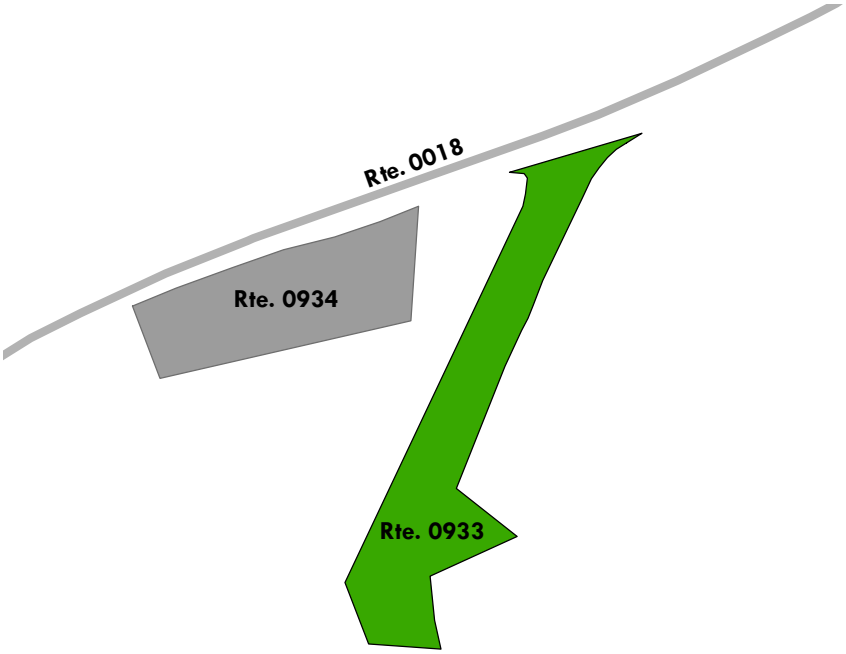
TO PARKING

Inspection Date	FMSS Number	User Access	Surface Type
3/8/2018	51809	NONPUBLIC	ASPHALT
Area (Sq. Ft.)	**Lane Miles (11' Widths)**	**Curb Reveal (Inches)**	**Curb Recommendation**
3,370	0.058	NOT APPLICABLE	DO NOTHING
Curb Type		**Curb & Gutter Type**	
NO CURB		CONCRETE	
Pavement Recommendation		**Condition Rating / PCR**	
PREVENTIVE MAINTENANCE		GOOD / 90	

Route Condition Legend – Pavement Condition Rating (PCR)

Poor (0 - 60)	Fair (61- 84)	Good (85 - 94)	Excellent (95 - 100)	Not Rated

See Appendix for definitions and formulas



Rock Creek Park

ROUTE 0934: CARTER BARRON STAGE OVERFLOW PARKING

Manual Rating

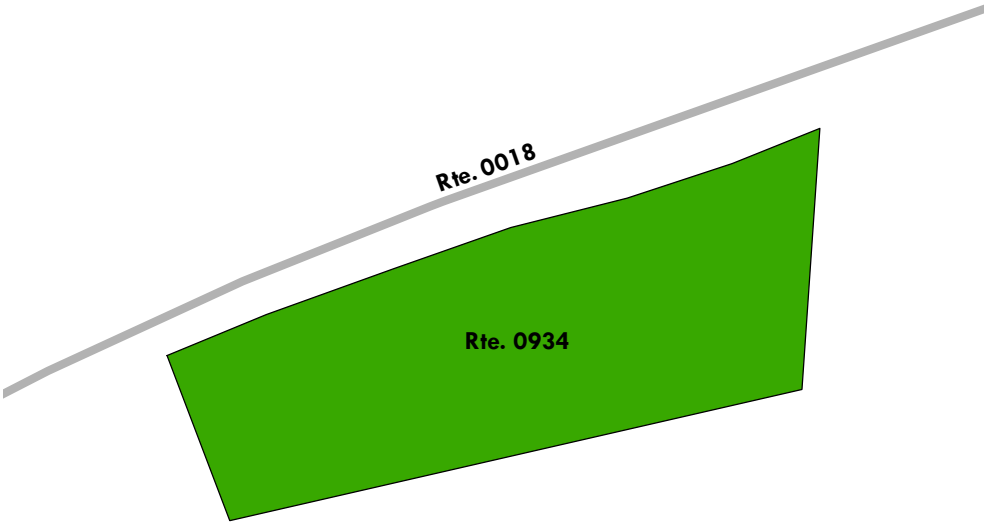
ADJACENT TO ROUTE 0018 (STAGE ROAD) AT MP 0.03 (ON RIGHT)

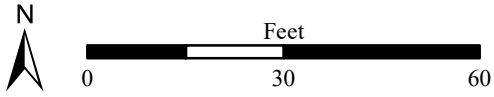
Inspection Date	FMSS Number	User Access	Surface Type
3/8/2018	51810	NONPUBLIC	ASPHALT
Area (Sq. Ft.)	**Lane Miles (11' Widths)**	**Curb Reveal (Inches)**	**Curb Recommendation**
2,487	0.043	7	DO NOTHING
Curb Type		**Curb & Gutter Type**	
NO CURB		CONCRETE	
Pavement Recommendation		**Condition Rating / PCR**	
PREVENTIVE MAINTENANCE		GOOD / 90	

Route Condition Legend – Pavement Condition Rating (PCR)

Poor (0 - 60) | **Fair (61- 84)** | **Good (85 - 94)** | **Excellent (95 - 100)** | **Not Rated**

See Appendix for definitions and formulas





Rock Creek Park

ROUTE 0935: ROCK CREEK GOLF COURSE MAINTENANCE PARKING

Manual Rating

FROM ROUTE 0206 (ROCK CREEK PARK GOLF COURSE ACCESS ROAD) AT MP 0.25 (ON LEFT)

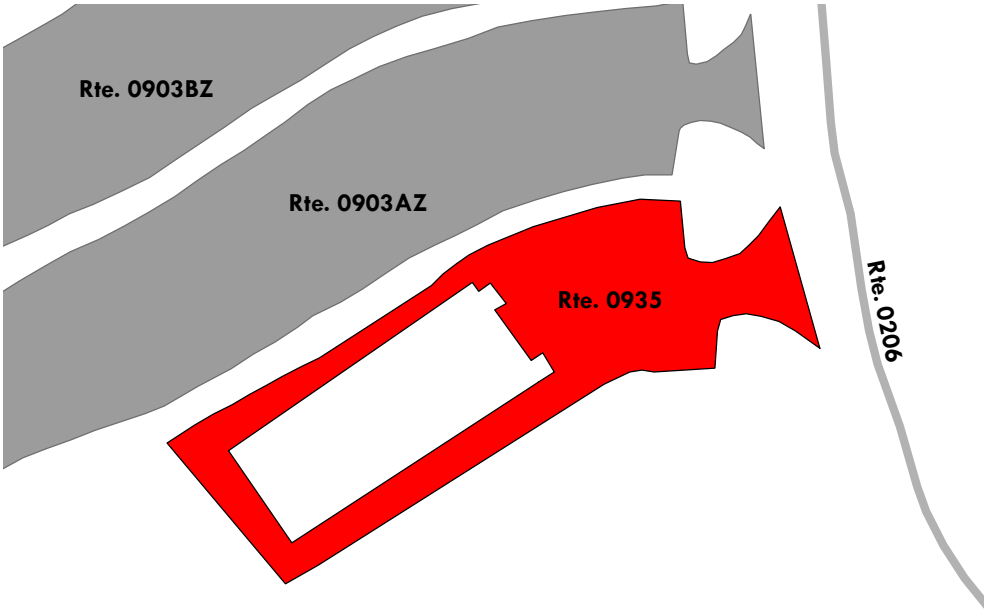
TO PARKING

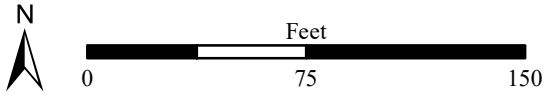
Inspection Date	FMSS Number	User Access	Surface Type
3/8/2018	51811	NONPUBLIC	ASPHALT
Area (Sq. Ft.)	**Lane Miles (11' Widths)**	**Curb Reveal (Inches)**	**Curb Recommendation**
6,095	0.105	NOT APPLICABLE	LIGHT REPAIR
Curb Type		**Curb & Gutter Type**	
NO CURB		CONCRETE	
Pavement Recommendation		**Condition Rating / PCR**	
RECONSTRUCTION		POOR / 30	

Route Condition Legend – Pavement Condition Rating (PCR)

Poor (0 - 60)	Fair (61- 84)	Good (85 - 94)	Excellent (95 - 100)	Not Rated

See Appendix for definitions and formulas





Rock Creek Park

ROUTE 0936: PICNIC GROVE #11 PARKING

Manual Rating

FROM ROUTE 0014 (BINGHAM DRIVE NORTHWEST) AT MP 0.25 (ON LEFT)

TO ROUTE 0014 (BINGHAM DRIVE NORTHWEST) AT MP 0.27 (ON LEFT)

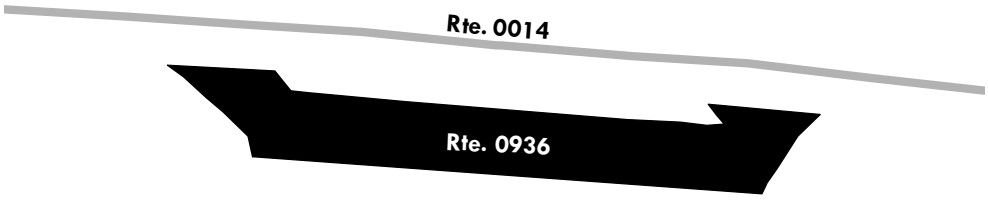
Inspection Date	FMSS Number	User Access	Surface Type
3/8/2018	51813	PUBLIC	ASPHALT
Area (Sq. Ft.)	**Lane Miles (11' Widths)**	**Curb Reveal (Inches)**	**Curb Recommendation**
2,244	0.039	NOT APPLICABLE	NOT APPLICABLE
Curb Type		**Curb & Gutter Type**	
NO CURB		NO CURB AND GUTTER	
Pavement Recommendation		**Condition Rating / PCR**	
NOT APPLICABLE		NOT RATED / -1	

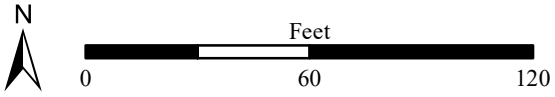
Route Condition Legend – Pavement Condition Rating (PCR)

Poor (0 - 60)	Fair (61- 84)	Good (85 - 94)	Excellent (95 - 100)	Not Rated

See Appendix for definitions and formulas

Note: Pavement condition not rated because parking area was under construction.





Rock Creek Park

ROUTE 0937: PICNIC GROVE #12 PARKING

Manual Rating

FROM ROUTE 0014 (BINGHAM DRIVE NORTHWEST) AT MP 0.34 (ON LEFT)

TO ROUTE 0014 (BINGHAM DRIVE NORTHWEST) AT MP 0.36 (ON LEFT)

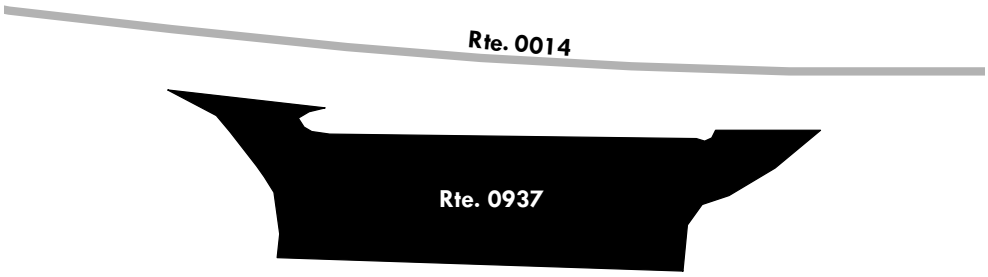
Inspection Date	FMSS Number	User Access	Surface Type
3/8/2018	51814	PUBLIC	ASPHALT
Area (Sq. Ft.)	**Lane Miles (11' Widths)**	**Curb Reveal (Inches)**	**Curb Recommendation**
2,304	0.04	NOT APPLICABLE	NOT APPLICABLE
Curb Type		**Curb & Gutter Type**	
NO CURB		NO CURB AND GUTTER	
Pavement Recommendation		**Condition Rating / PCR**	
NOT APPLICABLE		NOT RATED / -1	

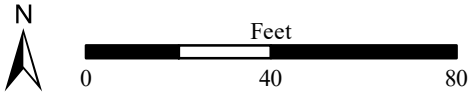
Route Condition Legend – Pavement Condition Rating (PCR)

Poor (0 - 60)	Fair (61- 84)	Good (85 - 94)	Excellent (95 - 100)	Not Rated

See Appendix for definitions and formulas

Note: Pavement condition not rated because parking area was under construction.





Rock Creek Park

ROUTE 0938: CENTER FOR URBAN ECOLOGY PARKING

Manual Rating

FROM END OF ROUTE 0404 (CENTER FOR URBAN ECOLOGY ROAD)

TO PARKING

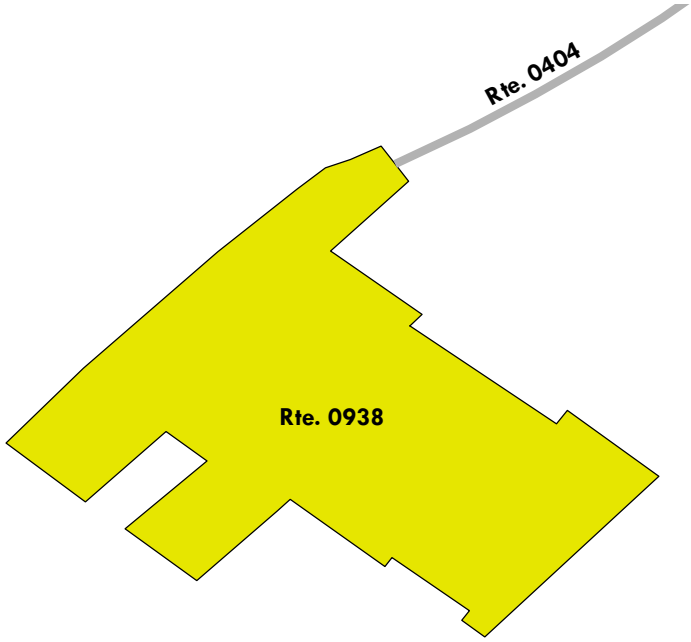
Inspection Date	FMSS Number	User Access	Surface Type
3/8/2018	51815	NONPUBLIC	CONCRETE
Area (Sq. Ft.)	**Lane Miles (11' Widths)**	**Curb Reveal (Inches)**	**Curb Recommendation**
19,188	0.33	NOT APPLICABLE	NOT APPLICABLE
Curb Type		**Curb & Gutter Type**	
NO CURB		NO CURB AND GUTTER	
Pavement Recommendation		**Condition Rating / PCR**	
LIGHT 3R TREATMENTS		FAIR / 73	

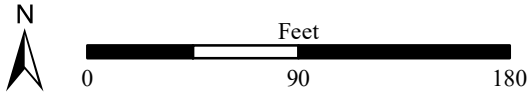
Route Condition Legend – Pavement Condition Rating (PCR)

Poor (0 - 60) | **Fair (61- 84)** | **Good (85 - 94)** | **Excellent (95 - 100)** | **Not Rated**

See Appendix for definitions and formulas

Note: Parking area consists of multiple surface types: 2 parts Asphalt at 6,630 square feet; 1 part Concrete 12,558 square feet.





Rock Creek Park

ROUTE 0939: BOX OFFICE ROAD & PARKING

Manual Rating

FROM COLORADO AVENUE NORTHWEST

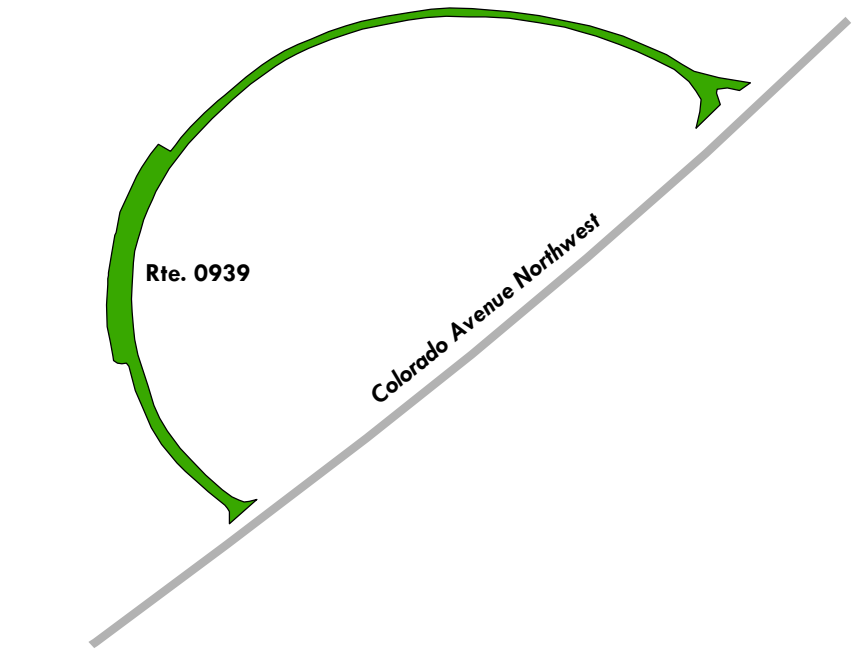
TO COLORADO AVENUE NORTHWEST

Inspection Date	FMSS Number	User Access	Surface Type
3/8/2018	51641	PUBLIC	ASPHALT
Area (Sq. Ft.)	**Lane Miles (11' Widths)**	**Curb Reveal (Inches)**	**Curb Recommendation**
18,791	0.324	7	DO NOTHING
Curb Type		**Curb & Gutter Type**	
CONCRETE		NO CURB AND GUTTER	
Pavement Recommendation		**Condition Rating / PCR**	
PREVENTIVE MAINTENANCE		GOOD / 90	

Route Condition Legend – Pavement Condition Rating (PCR)

Poor (0 - 60)	Fair (61- 84)	Good (85 - 94)	Excellent (95 - 100)	Not Rated

See Appendix for definitions and formulas



Rock Creek Park

ROUTE 0940: PIERCE MILL BUS LOOP

Manual Rating

FROM TILDEN STREET NORTHWEST

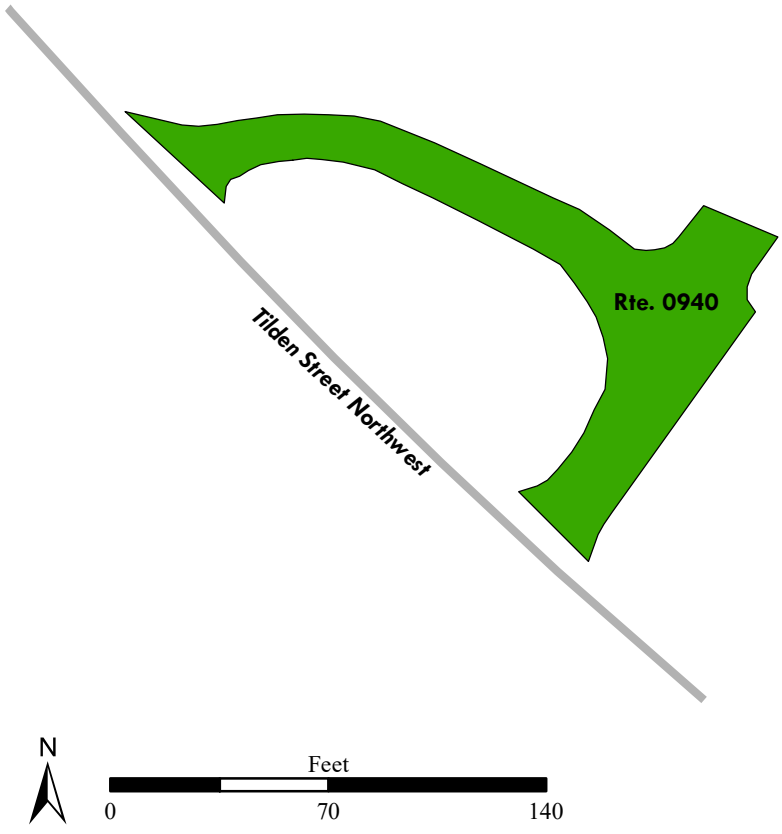
TO TILDEN STREET NORTHWEST

Inspection Date	FMSS Number	User Access	Surface Type
3/8/2018	51875	PUBLIC	ASPHALT
Area (Sq. Ft.)	**Lane Miles (11' Widths)**	**Curb Reveal (Inches)**	**Curb Recommendation**
4,809	0.083	NOT APPLICABLE	DO NOTHING
Curb Type		**Curb & Gutter Type**	
NO CURB		CONCRETE	
Pavement Recommendation		**Condition Rating / PCR**	
PREVENTIVE MAINTENANCE		GOOD / 90	

Route Condition Legend – Pavement Condition Rating (PCR)

Poor (0 - 60) | **Fair (61- 84)** | **Good (85 - 94)** | **Excellent (95 - 100)** | **Not Rated**

See Appendix for definitions and formulas



Rock Creek Park

ROUTE 0941: ROCR MAINTENANCE STAFF EAST PARKING

Manual Rating

FROM ROUTE 0926 (ROCR MAINTENANCE PARKING WEST)

TO PARKING

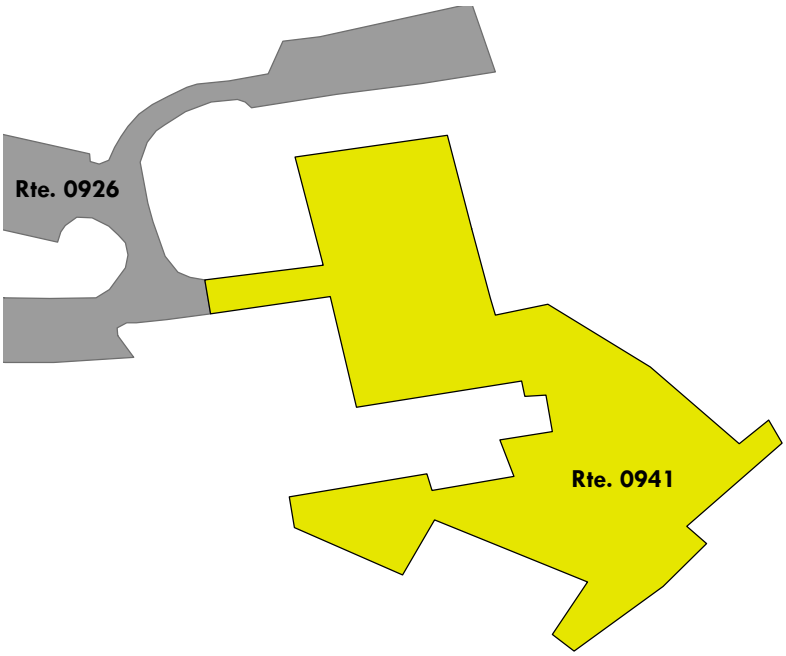
Inspection Date	FMSS Number	User Access	Surface Type
3/8/2018	N/A	NONPUBLIC	ASPHALT
Area (Sq. Ft.)	**Lane Miles (11' Widths)**	**Curb Reveal (Inches)**	**Curb Recommendation**
32,436	0.558	NOT APPLICABLE	LIGHT REPAIR
Curb Type		**Curb & Gutter Type**	
NO CURB		CONCRETE	
Pavement Recommendation		**Condition Rating / PCR**	
LIGHT 3R TREATMENTS		FAIR / 73	

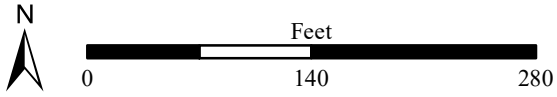
Route Condition Legend – Pavement Condition Rating (PCR)

Poor (0 - 60) | **Fair (61- 84)** | **Good (85 - 94)** | **Excellent (95 - 100)** | **Not Rated**

See Appendix for definitions and formulas

Note: Parking area consists of multiple surface types: 1 part Asphalt at 30,998 square feet; 1 part Concrete 1,438 square feet.





Section 7
Road Milepost Information

Rock Creek Park

Federal Lands Highway
Road Inventory Program

Road Milepost Information

This report section contains road milepost information for all paved roads in the park that were collected with the Data Collection Vehicle (DCV). The milepost data is obtained from the DCV by using a distance measuring instrument (DMI) that is calibrated to record mileage to the nearest thousandth of a mile. Park roads that were manually rated did not have milepost data collected, and thus are not included in this report section.

For Cycle 6, the information presented in this section differs from previous RIP cycles in that it does not contain the roadside features inventories for the paved park roads. Some examples of the features previously collected are signs, culverts/drop inlets, guardrails, curbing, pullouts, etc. If the park was collected in a previous RIP cycle, then the latest features data can be obtained by referencing the following:

Where to find the latest Features Inventories for NPS Parks:

- For Small Parks (parks with less than 10 miles of paved roads):
  - Refer to Cycle 5 data (collected 2010 - 2014)
    - Features were reported in Section 9 of the ***Cycle 5*** RIP report
    - Video of features can be viewed using the ***PathViewVO*** program and ***Cycle 5*** data

- For Large Parks (parks with more than 10 miles of paved roads):
  - Refer to Cycle 4 data (collected 2006 - 2009)
    - Features were reported in Section 9 of the ***Cycle 4*** RIP report
    - Video of features can be viewed using the ***VisiData*** program and ***Cycle 4*** data
  - Note: Features inventories were updated in Large Parks in ***Cycle 5*** only on a route by route basis if the route was new or modified in ***Cycle 5***. If this is the case for a particular route, then features for the route can be obtained using the ***PathViewVO*** program and ***Cycle 5*** data (same as above for Small parks).

Milepost Events Verified in Cycle 6

In Cycle 6, the following events were collected and reported in Section 7 of this report:

- Intersections with roads and parking areas
- All bridges and culverts with BIP Numbers (bridge inspection program numbers)
- Mile Marker Signs
- One-Way travel directions
- Overpasses
- Tunnels
- Low Water Crossings (LWCR)
- Surface type changes
- Construction areas where no pavement condition data was obtained

GPS Mileage Matching

A consistent survey milepost and constant route length as recorded by the Data Collection Vehicle (DCV) is a challenge to maintain from one collection cycle to the next. The challenge is due to many factors such as driver characteristics, DMI calibration, tire pressure etc. After Cycle 4 (~2010), a decision was made to hold constant the length of roads so long as there was no physical change from reconstruction projects or realignments that would result in a change to the length of a road. Consequently, the "GPS Mileage Match" was implemented to specify which cycle the route length is being matched. Route mileages and GPS are matched to a previous collection whenever there is no physical change to a route alignment. The route mileage and GPS is not matched to previous cycles whenever it is determined that a road length and GPS needs to be updated. When this happens the GPS and length is updated to the cycle that displays the change, and that collection cycle is used as the matching cycle in subsequent collections of the road. Thus, the Cycle 6 GIS could be either the survey length collected in Cycle 4, Cycle 5, or Cycle 6 and therefore, may not match the survey milepost displayed in the latest Cycle 6 DCV video which is viewable in ***PathView VO***.

The features inventories and road logs collected on NPS routes contain mileposts that are determined from the corresponding cycle that the GPS is matched to. Therefore, the mileposts contained in the Cycle 4 or 5 features inventories or the Cycle 6 road logs may not exactly match the survey milepost collected in the latest Cycle 6 video of the road.

Locating Mile Marker Signs

For routes that have mile marker signs along them, the milepost reported by RIP will most likely not line up exactly with the sign located in the field. This could be happening for many reasons, most likely due to either the error falling within the acceptable calibration range of the vehicle, or the level of accuracy that the mile marker signs were placed in the field.

Because mile marker signs are important features in many project plans and location descriptions, RIP is reporting locations of mile marker signs in three ways in Cycle 6:

1. Mileposts from Cycle 6 GIS: the official RIP milepost taken from the features inventories and the matching GPS/mileage cycle as described above. This is the milepost that should be used on project plans and when finding locations in the field

2. Mileposts from Cycle 6 Video: milepost shown to help locate the mile marker sign in the latest ***PathView VO*** video.

3. Latitude / Longitude: a constant way of locating a mile marker sign so long as the park has not moved the sign

The mileposts from Cycle 6 Video and GIS should be nearly the same, but on longer roads it has been observed that the Video milepost deviates more from the official GIS milepost that comes from the matching cycle.

ROCR: Route Milepost Log

ROUTE 0001: ROCK CREEK AND POTOMAC PARKWAY NORTHBOUND

Road logs are verified in Cycle 6 and mileposts for this route are matched to GPS collected in Cycle 4.

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.00	0.00	PARK BOUNDARY	N/A	N/A
0.00	0.00	ONE-WAY START	N/A	N/A
0.00	0.00	INTERSECTION	L	ROUTE 0932 (THOMPSON'S BOAT CENTER PARKING)
0.00	0.00	INTERSECTION	N/A	PAVED ROUTE (ROUTE 0016 - NACC / NPS MAINTAINED)
0.00	0.00	INTERSECTION	R	PAVED ROUTE (VIRGINIA AVENUE NW / NON NPS)
0.07	0.07	OVERPASS	N/A	A BIP STRUCTURE NUMBER HAS NOT BEEN ASSIGNED TO THIS BRIDGE (WHITEHURST FREEWAY NW EXIT RAMP / NON NPS)
0.11	0.11	OVERPASS	N/A	A BIP STRUCTURE NUMBER HAS NOT BEEN ASSIGNED TO THIS BRIDGE ((WHITEHURST FREEWAY NW / K STREET NW) / NON NPS)
0.15	0.15	INTERSECTION	R	ROUTE 0504AZ (RAMP FROM N/B ROCK CREEK PARKWAY TO "K" STREET)
0.16	0.16	OVERPASS	N/A	A BIP STRUCTURE NUMBER HAS NOT BEEN ASSIGNED TO THIS BRIDGE (WHITEHURST FREEWAY NW ENTRANCE RAMP / NON NPS)
0.18	0.18	INTERSECTION	R	ROUTE 0504BZ (RAMP FROM S/B ROCK CREEK PARKWAY TO "K" STREET)
0.20	0.22	BRIDGE	N/A	3450-001 (L STREET BRIDGE)
0.22	0.22	INTERSECTION	L	ROUTE 0505 (RAMP FROM S/B ROCK CREEK PARKWAY TO PENNSYLVANIA AVENUE)
0.25	0.25	OVERPASS	N/A	A BIP STRUCTURE NUMBER HAS NOT BEEN ASSIGNED TO THIS BRIDGE (PENNSYLVANIA AVENUE NW / NON NPS)
0.31	0.31	OVERPASS	N/A	A BIP STRUCTURE NUMBER HAS NOT BEEN ASSIGNED TO THIS BRIDGE (M STREET NW / NON NPS)
0.77	0.77	OVERPASS	N/A	A BIP STRUCTURE NUMBER HAS NOT BEEN ASSIGNED TO THIS BRIDGE (P STREET NW / NON NPS)
0.78	0.80	BRIDGE	N/A	3450-006 (P STREET BRIDGE)
0.83	0.83	INTERSECTION	R	ROUTE 0506 (RAMP FROM "P" STREET TO N/B ROCK CREEK PARKWAY)
0.87	0.87	OVERPASS	N/A	A BIP STRUCTURE NUMBER HAS NOT BEEN ASSIGNED TO THIS BRIDGE (Q STREET NW / NON NPS)
0.98	0.98	INTERSECTION	L	ROUTE 0002 (ROCK CREEK AND POTOMAC PARKWAY SOUTHBOUND)
1.07	1.07	INTERSECTION	R	ROUTE 0509AZ (SOUTH WATERSIDE DRIVE N/B)
1.16	1.16	OVERPASS	N/A	3450-034 (SOUTH WATERSIDE DRIVE BRIDGE)
1.17	1.17	INTERSECTION	L	PAVED ROUTE (AUTHORIZED VEHICLE TURN AROUND)

Data Collected on 3/2018

ROCR: Route Milepost Log

ROUTE 0001: ROCK CREEK AND POTOMAC PARKWAY NORTHBOUND

Road logs are verified in Cycle 6 and mileposts for this route are matched to GPS collected in Cycle 4.

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
1.51	1.51	OVERPASS	N/A	A BIP STRUCTURE NUMBER HAS NOT BEEN ASSIGNED TO THIS BRIDGE (MASSACHUSSETTS AVENUE NW / NON NPS)
1.61	1.61	INTERSECTION	L	ROUTE 0002 (ROCK CREEK AND POTOMAC PARKWAY SOUTHBOUND)
1.69	1.69	INTERSECTION	R	ROUTE 0503 (NORTH WATERSIDE DRIVE)
1.84	1.85	BRIDGE	N/A	3450-004 (SHOREHAM HILL BRIDGE)
1.91	1.91	INTERSECTION	L	ROUTE 0001 (ROCK CREEK AND POTOMAC PARKWAY NORTHBOUND)
1.95	1.95	INTERSECTION	R	ROUTE 0010 (BEACH DRIVE NORTHWEST) OPPOSITE LANE
1.96	1.96	INTERSECTION	L	ROUTE 0002 (ROCK CREEK AND POTOMAC PARKWAY SOUTHBOUND)
1.97	1.97	INTERSECTION	R	ROUTE 0010 (BEACH DRIVE NORTHWEST)
1.99	1.99	INTERSECTION	R	ROUTE 0010 (BEACH DRIVE NORTHWEST) SPUR
2.01	2.01	INTERSECTION	R	ROUTE 0026 (CATHEDRAL AVENUE NORTHWEST) OPPOSITE LANE
2.03	2.03	INTERSECTION	R	ROUTE 0026 (CATHEDRAL AVENUE NORTHWEST)
2.16	2.16	ONE-WAY END	N/A	N/A
2.16	2.16	INTERSECTION	N/A	PAVED ROUTE (24TH STREET NW / NON NPS)
2.16	2.16	PARK BOUNDARY	N/A	N/A
2.16	2.16	INTERSECTION	L	PAVED ROUTE (CALVERT STREET NW / NON NPS)
2.16	2.16	INTERSECTION	R	PAVED ROUTE (CALVERT STREET NW / NON NPS)

ROCR: Route Milepost Log

ROUTE 0002: ROCK CREEK AND POTOMAC PARKWAY SOUTHBOUND

Road logs are verified in Cycle 6 and mileposts for this route are matched to GPS collected in Cycle 4.

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.00	0.00	INTERSECTION	L	PAVED ROUTE (CALVERT STREET NW / NON NPS)
0.00	0.00	INTERSECTION	R	PAVED ROUTE (CALVERT STREET NW / NON NPS)
0.00	0.00	ONE-WAY START	N/A	N/A
0.00	0.00	INTERSECTION	N/A	PAVED ROUTE (24TH STREET NW / NON NPS)
0.13	0.13	INTERSECTION	L	ROUTE 0026 (CATHEDRAL AVENUE NORTHWEST)
0.14	0.14	INTERSECTION	L	ROUTE 0026 (CATHEDRAL AVENUE NORTHWEST) OPPOSITE LANE
0.16	0.16	INTERSECTION	L	ROUTE 0010 (BEACH DRIVE NORTHWEST) SPUR
0.19	0.19	INTERSECTION	L	ROUTE 0010 (BEACH DRIVE NORTHWEST)
0.20	0.20	INTERSECTION	L	ROUTE 0001 (ROCK CREEK AND POTOMAC PARKWAY NORTHBOUND)
0.23	0.23	INTERSECTION	L	ROUTE 0001 (ROCK CREEK AND POTOMAC PARKWAY NORTHBOUND)
0.30	0.31	BRIDGE	N/A	3450-004 (SHOREHAM HILL BRIDGE)
0.47	0.47	INTERSECTION	L	ROUTE 0503 (NORTH WATERSIDE DRIVE)
0.54	0.54	INTERSECTION	L	ROUTE 0001 (ROCK CREEK AND POTOMAC PARKWAY NORTHBOUND)
0.64	0.64	OVERPASS	N/A	A BIP STRUCTURE NUMBER HAS NOT BEEN ASSIGNED TO THIS BRIDGE (MASSACHUSSETTS AVENUE NW / NON NPS)
1.00	1.00	INTERSECTION	L	PAVED ROUTE (AUTHORIZED VEHICLE TURN AROUND)
1.10	1.10	INTERSECTION	L	ROUTE 0510BZ (SOUTH WATERSIDE DRIVE S/B)
1.20	1.20	INTERSECTION	L	ROUTE 0001 (ROCK CREEK AND POTOMAC PARKWAY NORTHBOUND)
1.30	1.30	OVERPASS	N/A	A BIP STRUCTURE NUMBER HAS NOT BEEN ASSIGNED TO THIS BRIDGE (Q STREET NW / NON NPS)
1.34	1.34	INTERSECTION	L	ROUTE 0506 (RAMP FROM "P" STREET TO N/B ROCK CREEK PARKWAY)
1.36	1.38	BRIDGE	N/A	3450-006 (P STREET BRIDGE)
1.39	1.39	OVERPASS	N/A	A BIP STRUCTURE NUMBER HAS NOT BEEN ASSIGNED TO THIS BRIDGE (P STREET NW / NON NPS)
1.42	1.42	INTERSECTION	R	ROUTE 0513BZ (RAMP FROM S/B ROCK CREEK PARKWAY TO "P" STREET)
1.45	1.45	INTERSECTION	R	ROUTE 0507AZ (RAMP FROM "P" STREET TO S/B ROCK CREEK PARKWAY)
1.86	1.86	OVERPASS	N/A	A BIP STRUCTURE NUMBER HAS NOT BEEN ASSIGNED TO THIS BRIDGE (M STREET NW / NON NPS)

Data Collected on 3/2018

ROCR: Route Milepost Log

ROUTE 0002: ROCK CREEK AND POTOMAC PARKWAY SOUTHBOUND

Road logs are verified in Cycle 6 and mileposts for this route are matched to GPS collected in Cycle 4.

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
1.90	1.90	OVERPASS	N/A	A BIP STRUCTURE NUMBER HAS NOT BEEN ASSIGNED TO THIS BRIDGE (PENNSYLVANIA AVENUE NW / NON NPS)
1.93	1.93	INTERSECTION	R	ROUTE 0505 (RAMP FROM S/B ROCK CREEK PARKWAY TO PENNSYLVANIA AVENUE)
1.96	1.98	BRIDGE	N/A	3450-001 (L STREET BRIDGE)
1.98	1.98	INTERSECTION	L	ROUTE 0504BZ (RAMP FROM S/B ROCK CREEK PARKWAY TO "K" STREET)
2.00	2.00	OVERPASS	N/A	A BIP STRUCTURE NUMBER HAS NOT BEEN ASSIGNED TO THIS BRIDGE (WHITEHURST FREEWAY NW ENTRANCE RAMP / NON NPS)
2.01	2.01	INTERSECTION	L	ROUTE 0504AZ (RAMP FROM N/B ROCK CREEK PARKWAY TO "K" STREET)
2.02	2.02	INTERSECTION	R	ROUTE 0504CZ (RAMP FROM "K" STREET TO N/B ROCK CREEK PARKWAY)
2.06	2.06	OVERPASS	N/A	A BIP STRUCTURE NUMBER HAS NOT BEEN ASSIGNED TO THIS BRIDGE ((WHITEHURST FREEWAY NW / K STREET NW) / NON NPS)
2.09	2.09	OVERPASS	N/A	A BIP STRUCTURE NUMBER HAS NOT BEEN ASSIGNED TO THIS BRIDGE (WHITEHURST FREEWAY NW EXIT RAMP / NON NPS)
2.10	2.10	INTERSECTION	R	ROUTE 0504DZ (RAMP FROM "K" STREET TO S/B ROCK CREEK PARKWAY)
2.16	2.16	PARK BOUNDARY	N/A	N/A
2.16	2.16	INTERSECTION	R	ROUTE 0932 (THOMPSON'S BOAT CENTER PARKING)
2.16	2.16	INTERSECTION	N/A	PAVED ROUTE (ROUTE 0016 - NACC / NPS MAINTAINED)
2.16	2.16	INTERSECTION	L	PAVED ROUTE (VIRGINIA AVENUE NW / NON NPS)
2.16	2.16	ONE-WAY END	N/A	N/A

ROCR: Route Milepost Log

ROUTE 0010: BEACH DRIVE NORTHWEST

Road logs are verified in Cycle 6 and mileposts for this route are matched to GPS collected in Cycle 4.

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.00	0.00	STATE BOUNDARY	N/A	LEAVING MARYLAND / ENTERING DISTRICT OF COLUMBIA
0.00	0.00	INTERSECTION	L	PAVED PARKING
0.00	0.00	PARK BOUNDARY	N/A	NORTH WEST PARK BOUNDARY
0.00	0.00	INTERSECTION	N/A	PAVED ROUTE (BEACH DRIVE ROAD / NON NPS)
0.60	0.60	INTERSECTION	L	ROUTE 0011 (WEST BEACH DRIVE NORTHWEST) SPUR
0.61	0.61	INTERSECTION	L	ROUTE 0011 (WEST BEACH DRIVE NORTHWEST)
0.63	0.63	INTERSECTION	L	ROUTE 0011 (WEST BEACH DRIVE NORTHWEST) SPUR
0.72	0.72	INTERSECTION	R	ROUTE 0012 (WISE ROAD NORTHWEST) SPUR
0.74	0.74	INTERSECTION	R	ROUTE 0012 (WISE ROAD NORTHWEST)
0.75	0.75	INTERSECTION	R	ROUTE 0012 (WISE ROAD NORTHWEST) SPUR
1.27	1.27	INTERSECTION	L	ROUTE 0917 (PICNIC GROVE #10 PARKING)
1.34	1.34	INTERSECTION	L	ROUTE 0917 (PICNIC GROVE #10 PARKING)
1.46	1.46	INTERSECTION	L	ROUTE 0916 (PICNIC GROVE #9 PARKING)
1.51	1.51	INTERSECTION	L	ROUTE 0916 (PICNIC GROVE #9 PARKING)
1.55	1.55	INTERSECTION	L	ROUTE 0013 (SHERRILL DRIVE NORTHWEST)
1.61	1.61	INTERSECTION	L	ROUTE 0915 (PICNIC GROVE # 8 PARKING)
1.65	1.65	INTERSECTION	L	ROUTE 0915 (PICNIC GROVE # 8 PARKING)
1.77	1.78	BRIDGE	N/A	3450-030 (PINEHURST BRANCH BRIDGE)
1.98	1.98	INTERSECTION	R	ROUTE 0014 (BINGHAM DRIVE NORTHWEST)
2.04	2.04	INTERSECTION	L	ROUTE 0914 (PICNIC GROVE #7 PARKING)
2.12	2.12	INTERSECTION	L	ROUTE 0914 (PICNIC GROVE #7 PARKING)
2.22	2.22	INTERSECTION	R	ROUTE 0205 (MILKHOUSE FORD ROAD)
2.23	2.23	INTERSECTION	R	ROUTE 0205 (MILKHOUSE FORD ROAD) SPUR
2.27	2.28	BRIDGE	N/A	3450-016 (MILKHOUSE FORD BRIDGE)
2.33	2.33	INTERSECTION	R	ROUTE 0205 (MILKHOUSE FORD ROAD) SPUR
2.34	2.34	INTERSECTION	R	ROUTE 0205 (MILKHOUSE FORD ROAD)
2.46	2.46	INTERSECTION	R	ROUTE 0913 (PICNIC GROVE #6 PARKING)
2.55	2.55	INTERSECTION	R	ROUTE 0913 (PICNIC GROVE #6 PARKING)

Data Collected on 6/2018

ROCR: Route Milepost Log

ROUTE 0010: BEACH DRIVE NORTHWEST

Road logs are verified in Cycle 6 and mileposts for this route are matched to GPS collected in Cycle 4.

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
2.62	2.62	OVERPASS	N/A	A BIP STRUCTURE NUMBER HAS NOT BEEN ASSIGNED TO THIS BRIDGE (MILITARY ROAD NW / NON NPS)
2.70	2.70	INTERSECTION	R	ROUTE 0010 (BEACH DRIVE NORTHWEST) SPUR
2.71	2.71	INTERSECTION	L	ROUTE 0015 (JOYCE ROAD NORTHWEST)
2.71	2.71	INTERSECTION	R	ROUTE 0015 (JOYCE ROAD NORTHWEST)
2.71	2.72	BRIDGE	N/A	3450-027 (JOYCE ROAD BRIDGE AT ROSS DRIVE)
2.78	2.78	INTERSECTION	R	ROUTE 0912BZ (USPP PARKING AREA B / PICNIC GROVE #5)
2.78	2.78	INTERSECTION	L	UNPAVED PARKING
2.81	2.81	INTERSECTION	L	ROUTE 0912AZ (USPP PARKING AREA A)
2.82	2.82	INTERSECTION	L	ROUTE 0912AZ (USPP PARKING AREA A)
3.81	3.83	BRIDGE	N/A	3450-008 (BOULDER BRIDGE)
4.29	4.29	INTERSECTION	R	ROUTE 0027 (BROAD BRANCH ROAD NORTHWEST)
4.30	4.30	INTERSECTION	R	ROUTE 0027 (BROAD BRANCH ROAD NORTHWEST) SPUR
4.32	4.34	BRIDGE	N/A	3450-009 (BLAGDEN BRIDGE)
4.35	4.35	INTERSECTION	L	ROUTE 0022 (BLAGDEN AVENUE NORTHWEST)
4.50	4.50	INTERSECTION	R	ROUTE 0911 (PICNIC GROVE #2 PARKING)
4.56	4.56	INTERSECTION	R	ROUTE 0911 (PICNIC GROVE #2 PARKING)
4.64	4.64	INTERSECTION	R	PAVED ROUTE (TILDEN STREET NW / NON NPS)
4.64	4.64	INTERSECTION	L	PAVED ROUTE (PARK ROAD NW / NON NPS)
5.09	5.10	BRIDGE	N/A	3450-011 (PINEY BRANCH BRIDGE)
5.11	5.11	INTERSECTION	L	ROUTE 0024 (PINEY BRANCH PARKWAY NORTHWEST)
5.18	5.18	INTERSECTION	R	PAVED ROUTE (KINGLE ROAD NW / NON NPS) SPUR
5.20	5.20	INTERSECTION	R	PAVED ROUTE (KINGLE ROAD NW / NON NPS)
5.21	5.21	INTERSECTION	R	PAVED ROUTE (KINGLE ROAD NW / NON NPS) SPUR
5.31	5.31	OVERPASS	N/A	A BIP STRUCTURE NUMBER HAS NOT BEEN ASSIGNED TO THIS BRIDGE (KINGLE ROAD NW / NON NPS)
5.84	5.84	OVERPASS	N/A	A BIP STRUCTURE NUMBER HAS NOT BEEN ASSIGNED TO THIS BRIDGE (HARVARD STREET NW / NON NPS)
5.87	5.87	INTERSECTION	R	PAVED ROUTE (NATIONAL ZOOLOGICAL PARK NW)
5.90	5.90	INTERSECTION	L	ROUTE 0508 (RAMP TO HARVARD STREET)
6.05	6.20	TUNNEL	N/A	3450-017 (ZOO TUNNEL)

Data Collected on 6/2018

ROCR: Route Milepost Log

ROUTE 0010: BEACH DRIVE NORTHWEST

Road logs are verified in Cycle 6 and mileposts for this route are matched to GPS collected in Cycle 4.

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
6.22	6.25	BRIDGE	N/A	3450-018 (ZOO TUNNEL BRIDGE)
6.27	6.27	OVERPASS	N/A	A BIP STRUCTURE NUMBER HAS NOT BEEN ASSIGNED TO THIS BRIDGE (CALVERT STREET NW / NON NPS)
6.39	6.39	INTERSECTION	L	ROUTE 0910 (EDGEWATER STABLE PARKING)
6.42	6.42	OVERPASS	N/A	A BIP STRUCTURE NUMBER HAS NOT BEEN ASSIGNED TO THIS BRIDGE (CONNECTICUT AVENUE NW / NON NPS)
6.46	6.46	INTERSECTION	R	ROUTE 0010 (BEACH DRIVE NORTHWEST) SPUR
6.48	6.48	INTERSECTION	N/A	ROUTE 0001 (ROCK CREEK AND POTOMAC PARKWAY NORTHBOUND)
6.48	6.48	INTERSECTION	R	ROUTE 0002 (ROCK CREEK AND POTOMAC PARKWAY SOUTHBOUND)

ROCR: Route Milepost Log

ROUTE 0011: WEST BEACH DRIVE NORTHWEST

Road logs are verified in Cycle 6 and mileposts for this route are matched to GPS collected in Cycle 4.

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.00	0.00	PARK BOUNDARY	N/A	NORTH PARK BOUNDARY
0.00	0.00	INTERSECTION	N/A	PAVED ROUTE (WEST BEACH DRIVE NW / NON NPS)
0.00	0.00	INTERSECTION	R	PAVED ROUTE (PARKSIDE DRIVE NW / NON NPS)
0.05	0.07	BRIDGE	N/A	3450-013 (KALMIA BRIDGE)
0.07	0.07	INTERSECTION	R	ROUTE 0010 (BEACH DRIVE NORTHWEST) SPUR
0.08	0.08	INTERSECTION	R	ROUTE 0010 (BEACH DRIVE NORTHWEST)
0.08	0.08	INTERSECTION	L	ROUTE 0010 (BEACH DRIVE NORTHWEST)

ROUTE 0012: WISE ROAD NORTHWEST

Road logs are verified in Cycle 6 and mileposts for this route are matched to GPS collected in Cycle 4.

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.00	0.00	INTERSECTION	L	PAVED ROUTE (OREGON AVENUE NW / NON NPS)
0.00	0.00	PARK BOUNDARY	N/A	WEST PARK BOUNDARY
0.00	0.00	INTERSECTION	N/A	PAVED ROUTE (CHESTNUT STREET NW / NON NPS)
0.00	0.00	INTERSECTION	R	PAVED ROUTE (OREGON AVENUE NW / NON NPS)
0.60	0.60	INTERSECTION	L	ROUTE 0010 (BEACH DRIVE NORTHWEST) SPUR
0.60	0.60	INTERSECTION	R	ROUTE 0012 (WISE ROAD NORTHWEST) SPUR
0.61	0.61	INTERSECTION	R	ROUTE 0010 (BEACH DRIVE NORTHWEST)
0.61	0.61	INTERSECTION	L	ROUTE 0010 (BEACH DRIVE NORTHWEST)

ROCR: Route Milepost Log

ROUTE 0013: SHERRILL DRIVE NORTHWEST

Road logs are verified in Cycle 6 and mileposts for this route are matched to GPS collected in Cycle 4.

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.00	0.00	INTERSECTION	L	ROUTE 0010 (BEACH DRIVE NORTHWEST)
0.00	0.00	INTERSECTION	R	ROUTE 0010 (BEACH DRIVE NORTHWEST)
0.03	0.04	BRIDGE	N/A	3450-015 (SHERRILL DRIVE BRIDGE)
0.33	0.33	INTERSECTION	L	PAVED ROUTE (16TH STREET NW / NON NPS)
0.33	0.33	INTERSECTION	R	PAVED ROUTE (16TH STREET NW / NON NPS)
0.33	0.33	INTERSECTION	N/A	PAVED ROUTE (ASPEN STREET NW / NON NPS)

ROCR: Route Milepost Log

ROUTE 0015: JOYCE ROAD NORTHWEST

Road logs are verified in Cycle 6 and mileposts for this route are matched to GPS collected in Cycle 5.

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.00	0.00	INTERSECTION	N/A	MILITARY ROAD NORTHWEST EASTBOUND
0.06	0.06	INTERSECTION	R	ROUTE 0016 (ROSS DRIVE NORTHWEST)
0.06	0.06	INTERSECTION	L	ROUTE 0016 (ROSS DRIVE NORTHWEST)
0.10	0.10	INTERSECTION	L	ROUTE 0511DZ (RAMP FROM S/B JOYCE ROAD NW TO MILITARY ROAD NW)
0.13	0.15	BRIDGE	N/A	3450-022 (JOYCE ROAD BRIDGE AT BEACH DRIVE)
0.17	0.17	INTERSECTION	R	ROUTE 0010 (BEACH DRIVE NORTHWEST)
0.17	0.17	INTERSECTION	L	ROUTE 0010 (BEACH DRIVE NORTHWEST)
0.18	0.18	INTERSECTION	R	ROUTE 0017 (MORROW DRIVE NORTHWEST)
0.19	0.19	INTERSECTION	R	ROUTE 0017 (MORROW DRIVE NORTHWEST)
0.36	0.36	INTERSECTION	R	ROUTE 0511CZ (RAMP FROM N/B JOYCE ROAD NW TO 17TH STREET NW)
0.42	0.42	OVERPASS	N/A	A BIP STRUCTURE NUMBER HAS NOT BEEN ASSIGNED TO THIS BRIDGE (MILITARY ROAD NW / NON NPS)
0.43	0.44	BRIDGE	N/A	3450-003 (JOYCE ROAD BRIDGE AT MILITARY ROAD)
0.53	0.53	INTERSECTION	L	ROUTE 0206 (ROCK CREEK PARK GOLF COURSE ACCESS ROAD) SPUR
0.53	0.53	INTERSECTION	R	ROUTE 0206 (ROCK CREEK PARK GOLF COURSE ACCESS ROAD)
0.53	0.53	INTERSECTION	L	ROUTE 0206 (ROCK CREEK PARK GOLF COURSE ACCESS ROAD)

ROCR: Route Milepost Log

ROUTE 0016: ROSS DRIVE NORTHWEST

Road logs are verified in Cycle 6 and mileposts for this route are matched to GPS collected in Cycle 5.

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.00	0.00	INTERSECTION	N/A	MILITARY ROAD NORTHWEST WESTBOUND
0.00	0.00	INTERSECTION	L	MILITARY ROAD NORTHWEST WESTBOUND
0.05	0.05	INTERSECTION	L	ROUTE 0511DZ (RAMP FROM S/B JOYCE ROAD NW TO MILITARY ROAD NW)
0.11	0.11	OVERPASS	N/A	A BIP STRUCTURE NUMBER HAS NOT BEEN ASSIGNED TO THIS BRIDGE (MILITARY ROAD NW / NON NPS)
0.13	0.13	INTERSECTION	L	ROUTE 0511DZ (RAMP FROM S/B JOYCE ROAD NW TO MILITARY ROAD NW)
0.16	0.16	INTERSECTION	L	ROUTE 0017 (MORROW DRIVE NORTHWEST)
0.16	0.16	INTERSECTION	R	ROUTE 0017 (MORROW DRIVE NORTHWEST)
0.19	0.19	INTERSECTION	L	ROUTE 0930 (PICNIC GROVE #22 PARKING)
0.53	0.53	INTERSECTION	R	ROUTE 0929 (PICNIC GROVE #21 PARKING)
0.81	0.85	BRIDGE	N/A	3450-012 (ROSS DRIVE BRIDGE)
1.01	1.01	INTERSECTION	L	ROUTE 0928 (PICNIC GROVE #20A PARKING)
1.02	1.02	INTERSECTION	L	ROUTE 0928 (PICNIC GROVE #20A PARKING)
1.12	1.12	INTERSECTION	R	ROUTE 0927 (PICNIC GROVE #20 PARKING)
1.27	1.27	INTERSECTION	L	ROUTE 0019 (GLOVER ROAD NORTHWEST/ RIDGE ROAD NORTHWEST)
1.27	1.27	INTERSECTION	R	ROUTE 0019 (GLOVER ROAD NORTHWEST/ RIDGE ROAD NORTHWEST)

ROCR: Route Milepost Log

ROUTE 0017: MORROW DRIVE NORTHWEST

Road logs are verified in Cycle 6 and mileposts for this route are matched to GPS collected in Cycle 4.

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.00	0.00	INTERSECTION	L	ROUTE 0015 (JOYCE ROAD NORTHWEST)
0.00	0.00	INTERSECTION	R	ROUTE 0015 (JOYCE ROAD NORTHWEST)
0.20	0.21	BRIDGE	N/A	A BIP STRUCTURE NUMBER HAS NOT BEEN ASSIGNED TO THIS BRIDGE
0.49	0.49	INTERSECTION	R	ROUTE 0018 (STAGE ROAD)
0.61	0.61	INTERSECTION	L	PAVED ROUTE (16TH STREET NW / NON NPS)
0.61	0.61	PARK BOUNDARY	N/A	EAST PARK BOUNDARY
0.61	0.61	INTERSECTION	N/A	PAVED ROUTE (KENNEDY STREET NW / NON NPS)
0.61	0.61	INTERSECTION	R	PAVED ROUTE (16TH STREET NW / NON NPS)

ROUTE 0018: STAGE ROAD

Road logs are verified in Cycle 6 and mileposts for this route are matched to GPS collected in Cycle 4.

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.00	0.00	INTERSECTION	N/A	PAVED PARKING (THEATER STORAGE AREA / CONCRETE PAD)
0.03	0.03	INTERSECTION	R	ROUTE 0934 (CARTER BARRON STAGE OVERFLOW PARKING)
0.05	0.05	INTERSECTION	R	ROUTE 0933 (CARTER BARRON STAGE PARKING)
0.12	0.12	INTERSECTION	R	ROUTE 0902BZ (CARTER BARRON PARKING AREA - LOT B)
0.12	0.12	ONE-WAY START	N/A	N/A
0.24	0.24	ONE-WAY END	N/A	N/A
0.24	0.24	INTERSECTION	R	ROUTE 0902BZ (CARTER BARRON PARKING AREA - LOT B)
0.37	0.37	INTERSECTION	R	ROUTE 0902AZ (CARTER BARRON PARKING AREA - LOT A)
0.43	0.43	INTERSECTION	L	ROUTE 0017 (MORROW DRIVE NORTHWEST)
0.43	0.43	INTERSECTION	R	ROUTE 0017 (MORROW DRIVE NORTHWEST)

ROCR: Route Milepost Log

ROUTE 0019: GLOVER ROAD NORTHWEST/ RIDGE ROAD NORTHWEST

Road logs are verified in Cycle 6 and mileposts for this route are matched to GPS collected in Cycle 4.

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.00	0.00	INTERSECTION	R	PAVED ROUTE (MILITARY ROAD NW / NON NPS)
0.00	0.00	INTERSECTION	N/A	PAVED ROUTE (OREGON AVENUE NW / NON NPS)
0.00	0.00	INTERSECTION	L	PAVED ROUTE (MILITARY ROAD NW / NON NPS)
0.02	0.02	INTERSECTION	R	PAVED ROUTE (MILITARY ROAD NW / NON NPS) SPUR
0.10	0.10	INTERSECTION	R	ROUTE 0923 (PICNIC GROVE #13 PARKING)
0.13	0.13	INTERSECTION	L	ROUTE 0020 (EAST GLOVER ROAD)
0.15	0.15	INTERSECTION	L	ROUTE 0020 (EAST GLOVER ROAD) SPUR
0.19	0.19	INTERSECTION	R	ROUTE 0923 (PICNIC GROVE #13 PARKING)
0.29	0.29	INTERSECTION	R	ROUTE 0021 (GRANT ROAD NORTHWEST)
0.39	0.39	INTERSECTION	L	ROUTE 0020 (EAST GLOVER ROAD) SPUR
0.41	0.41	INTERSECTION	L	ROUTE 0020 (EAST GLOVER ROAD)
0.90	0.90	INTERSECTION	L	ROUTE 0016 (ROSS DRIVE NORTHWEST)
1.34	1.34	INTERSECTION	R	ROUTE 0922 (PICNIC GROVE #27 PARKING)
1.63	1.64	BRIDGE	N/A	3450-028 (GLOVER ROAD BRIDGE)
1.65	1.65	INTERSECTION	R	ROUTE 0027 (BROAD BRANCH ROAD NORTHWEST)
1.65	1.65	INTERSECTION	L	ROUTE 0027 (BROAD BRANCH ROAD NORTHWEST)

ROCR: Route Milepost Log

ROUTE 0020: EAST GLOVER ROAD

Road logs are verified in Cycle 6 and mileposts for this route are matched to GPS collected in Cycle 4.

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.00	0.00	INTERSECTION	N/A	ROUTE 0019 (GLOVER ROAD NORTHWEST/ RIDGE ROAD NORTHWEST)
0.00	0.00	INTERSECTION	R	ROUTE 0019 (GLOVER ROAD NORTHWEST/ RIDGE ROAD NORTHWEST)
0.01	0.01	INTERSECTION	R	ROUTE 0019 (GLOVER ROAD NORTHWEST/ RIDGE ROAD NORTHWEST) SPUR
0.12	0.12	INTERSECTION	L	ROUTE 0924 (NATURE CENTER ACCESS PARKING)
0.21	0.21	INTERSECTION	L	ROUTE 0926 (ROCR MAINTENANCE PARKING WEST)
0.27	0.27	INTERSECTION	R	ROUTE 0020 (EAST GLOVER ROAD) SPUR
0.29	0.29	INTERSECTION	R	ROUTE 0019 (GLOVER ROAD NORTHWEST/ RIDGE ROAD NORTHWEST)
0.29	0.29	INTERSECTION	N/A	ROUTE 0019 (GLOVER ROAD NORTHWEST/ RIDGE ROAD NORTHWEST)

ROUTE 0021: GRANT ROAD NORTHWEST

Road logs are verified in Cycle 6 and mileposts for this route are matched to GPS collected in Cycle 4.

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.00	0.00	INTERSECTION	L	ROUTE 0019 (GLOVER ROAD NORTHWEST/ RIDGE ROAD NORTHWEST)
0.00	0.00	INTERSECTION	R	ROUTE 0019 (GLOVER ROAD NORTHWEST/ RIDGE ROAD NORTHWEST)
0.36	0.36	CULVERT	N/A	3450-037 (GRANT ROAD CULVERT)
0.37	0.37	PARK BOUNDARY	N/A	WEST PARK BOUNDARY
0.37	0.37	INTERSECTION	R	PAVED ROUTE (BROAD BRANCH ROAD NW / NON NPS)
0.37	0.37	INTERSECTION	L	PAVED ROUTE (BROAD BRANCH ROAD NW / NON NPS)
0.37	0.37	INTERSECTION	N/A	PAVED ROUTE (DAVENPORT STREET NW / NON NPS)

ROCR: Route Milepost Log

ROUTE 0022: BLAGDEN AVENUE NORTHWEST

Road logs are verified in Cycle 6 and mileposts for this route are matched to GPS collected in Cycle 4.

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.00	0.00	INTERSECTION	R	ROUTE 0010 (BEACH DRIVE NORTHWEST)
0.00	0.00	INTERSECTION	L	ROUTE 0010 (BEACH DRIVE NORTHWEST)
0.01	0.01	INTERSECTION	R	ROUTE 0010 (BEACH DRIVE NORTHWEST) SPUR
0.01	0.01	INTERSECTION	L	ROUTE 0022 (BLAGDEN AVENUE NORTHWEST) SPUR
0.16	0.16	PARK BOUNDARY	N/A	N/A
0.16	0.16	INTERSECTION	N/A	PAVED ROUTE (BLAGDEN AVENUE NW)

ROUTE 0024: PINEY BRANCH PARKWAY NORTHWEST

Road logs are verified in Cycle 6 and mileposts for this route are matched to GPS collected in Cycle 4.

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.00	0.00	INTERSECTION	L	ROUTE 0010 (BEACH DRIVE NORTHWEST)
0.00	0.00	INTERSECTION	R	ROUTE 0010 (BEACH DRIVE NORTHWEST)
0.10	0.10	OVERPASS	N/A	A BIP STRUCTURE NUMBER HAS NOT BEEN ASSIGNED TO THIS BRIDGE (PARK ROAD NW / NON NPS)
0.52	0.52	INTERSECTION	R	ROUTE 0025 (17TH STREET NORTHWEST)
0.65	0.65	OVERPASS	N/A	A BIP STRUCTURE NUMBER HAS NOT BEEN ASSIGNED TO THIS BRIDGE (16TH STREET NW / NON NPS)
0.82	0.82	INTERSECTION	L	ROUTE 0024 (PINEY BRANCH PARKWAY NORTHWEST) SPUR
0.84	0.84	PARK BOUNDARY	N/A	N/A
0.84	0.84	INTERSECTION	L	PAVED ROUTE (ARKANSAS AVENUE NW / NON NPS)
0.84	0.84	INTERSECTION	R	PAVED ROUTE (ARKANSAS AVENUE NW / NON NPS)

ROCR: Route Milepost Log

ROUTE 0025: 17TH STREET NORTHWEST

Road logs are verified in Cycle 6 and mileposts for this route are matched to GPS collected in Cycle 4.

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.00	0.00	INTERSECTION	L	ROUTE 0024 (PINEY BRANCH PARKWAY NORTHWEST)
0.00	0.00	INTERSECTION	R	ROUTE 0024 (PINEY BRANCH PARKWAY NORTHWEST)
0.11	0.11	PARK BOUNDARY	N/A	SOUTH PARK BOUNDARY
0.11	0.11	INTERSECTION	N/A	PAVED ROUTE (17TH ST NW / NON NPS)

ROUTE 0026: CATHEDRAL AVENUE NORTHWEST

Road logs are verified in Cycle 6 and mileposts for this route are matched to GPS collected in Cycle 4.

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.00	0.00	PARK BOUNDARY	N/A	WEST PARK BOUNDARY
0.00	0.00	INTERSECTION	N/A	PAVED ROUTE (CATHEDRAL AVENUE NW / NON NPS)
0.01	0.01	OVERPASS	N/A	A BIP STRUCTURE NUMBER HAS NOT BEEN ASSIGNED TO THIS BRIDGE (CALVERT STREET NW / NON NPS)
0.12	0.12	OVERPASS	N/A	A BIP STRUCTURE NUMBER HAS NOT BEEN ASSIGNED TO THIS BRIDGE (CONNECTICUT AVENUE NW / NON NPS)
0.14	0.14	INTERSECTION	L	ROUTE 0001 (ROCK CREEK AND POTOMAC PARKWAY NORTHBOUND)
0.14	0.14	INTERSECTION	R	ROUTE 0002 (ROCK CREEK AND POTOMAC PARKWAY SOUTHBOUND)

ROCR: Route Milepost Log

ROUTE 0027: BROAD BRANCH ROAD NORTHWEST

Road logs are verified in Cycle 6 and mileposts for this route are matched to GPS collected in Cycle 4.

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.00	0.00	INTERSECTION	L	ROUTE 0010 (BEACH DRIVE NORTHWEST)
0.00	0.00	INTERSECTION	R	ROUTE 0010 (BEACH DRIVE NORTHWEST)
0.01	0.02	BRIDGE	N/A	3450-029 (BROAD BRANCH BRIDGE)
0.02	0.02	INTERSECTION	L	ROUTE 0921 (PICNIC AREA #2 NORTH / BROAD BRANCH PARKING)
0.05	0.05	INTERSECTION	N/A	PAVED ROUTE (BROAD BRANCH ROAD NW / NON NPS)
0.05	0.05	INTERSECTION	R	ROUTE 0019 (GLOVER ROAD NORTHWEST/ RIDGE ROAD NORTHWEST)

ROUTE 0206: ROCK CREEK PARK GOLF COURSE ACCESS ROAD

Road logs are verified in Cycle 6 and mileposts for this route are matched to GPS collected in Cycle 4.

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.00	0.00	INTERSECTION	R	PAVED ROUTE (16TH STREET NW / NON NPS)
0.00	0.00	PARK BOUNDARY	N/A	EAST PARK BOUNDARY
0.00	0.00	INTERSECTION	L	PAVED ROUTE (16TH STREET NW / NON NPS)
0.10	0.10	INTERSECTION	L	ROUTE 0015 (JOYCE ROAD NORTHWEST)
0.11	0.11	INTERSECTION	L	ROUTE 0206 (ROCK CREEK PARK GOLF COURSE ACCESS ROAD) SPUR
0.25	0.25	INTERSECTION	L	ROUTE 0935 (ROCK CREEK GOLF COURSE MAINTENANCE PARKING)
0.26	0.26	INTERSECTION	L	ROUTE 0903AZ (ROCK CREEK GOLF COURSE PARKING A)
0.27	0.27	INTERSECTION	L	ROUTE 0903BZ (ROCK CREEK GOLF COURSE PARKING B)
0.28	0.28	INTERSECTION	L	ROUTE 0206 (ROCK CREEK PARK GOLF COURSE ACCESS ROAD)
0.31	0.31	INTERSECTION	R	ROUTE 0903CZ (ROCK CREEK GOLF COURSE PARKING C)
0.32	0.32	INTERSECTION	R	ROUTE 0206 (ROCK CREEK PARK GOLF COURSE ACCESS ROAD)
0.32	0.32	INTERSECTION	L	ROUTE 0206 (ROCK CREEK PARK GOLF COURSE ACCESS ROAD)

Data Collected on 6/2018

ROCR: Route Milepost Log

ROUTE 0404: CENTER FOR URBAN ECOLOGY ROAD

Road logs are verified in Cycle 6 and mileposts for this route are matched to GPS collected in Cycle 4.

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.00	0.00	INTERSECTION	R	PAVED ROUTE (ELLIOT PLACE NW / NON NPS)
0.00	0.00	PARK BOUNDARY	N/A	EAST PARK BOUNDARY
0.00	0.00	INTERSECTION	L	PAVED ROUTE (ELLIOT PLACE NW / NON NPS)
0.10	0.10	INTERSECTION	N/A	ROUTE 0938 (CENTER FOR URBAN ECOLOGY PARKING)

ROUTE 0500: HORSE STABLE ROAD

Road logs are verified in Cycle 6 and mileposts for this route are matched to GPS collected in Cycle 4.

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.00	0.00	INTERSECTION	L	PAVED ROUTE (OREGON AVENUE NW / NON NPS)
0.00	0.00	PARK BOUNDARY	N/A	WEST PARK BOUNDARY
0.00	0.00	INTERSECTION	R	PAVED ROUTE (OREGON AVENUE NW / NON NPS)
0.04	0.04	INTERSECTION	L	UNPAVED ROUTE (GATED)
0.18	0.18	INTERSECTION	N/A	ROUTE 0904 (H3 STABLE PARKING)

ROUTE 0502: KLINGLE MANSION ENTRANCE ROAD

Road logs are verified in Cycle 6 and mileposts for this route are matched to GPS collected in Cycle 4.

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.00	0.00	PARK BOUNDARY	N/A	WEST PARK BOUNDARY
0.00	0.00	INTERSECTION	N/A	PAVED ROUTE (WILLIAMSBURG LANE NW / NON NPS)
0.08	0.08	INTERSECTION	R	ROUTE 0900B (KLINGLE MANSION PARKING B)
0.12	0.12	INTERSECTION	R	ROUTE 0900A (KLINGLE MANSION PARKING A)
0.12	0.12	INTERSECTION	L	UNPAVED PARKING
0.12	0.12	INTERSECTION	N/A	ROUTE 0409 (KLINGLE MANSION ENTRANCE LOOP ROAD)

ROCR: Route Milepost Log

ROUTE 0503: NORTH WATERSIDE DRIVE

Road logs are verified in Cycle 6 and mileposts for this route are matched to GPS collected in Cycle 4.

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.00	0.00	ONE-WAY START	N/A	N/A
0.00	0.00	INTERSECTION	L	PAVED ROUTE (MASSACHUSETTS AVENUE NW / NON NPS)
0.00	0.00	INTERSECTION	R	PAVED ROUTE (MASSACHUSETTS AVENUE NW / NON NPS)
0.16	0.16	ONE-WAY END	N/A	N/A
0.16	0.16	INTERSECTION	N/A	ROUTE 0001 (ROCK CREEK AND POTOMAC PARKWAY NORTHBOUND)
0.16	0.16	INTERSECTION	L	ROUTE 0001 (ROCK CREEK AND POTOMAC PARKWAY NORTHBOUND)

ROUTE 0504AZ: RAMP FROM N/B ROCK CREEK PARKWAY TO "K" STREET

Road logs are verified in Cycle 6 and mileposts for this route are matched to GPS collected in Cycle 4.

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.00	0.00	ONE-WAY START	N/A	N/A
0.00	0.00	INTERSECTION	N/A	ROUTE 0001 (ROCK CREEK AND POTOMAC PARKWAY NORTHBOUND)
0.00	0.00	INTERSECTION	L	ROUTE 0001 (ROCK CREEK AND POTOMAC PARKWAY NORTHBOUND)
0.04	0.04	INTERSECTION	R	PAVED PARKING (MAINTENANCE PARKING)
0.06	0.06	ONE-WAY END	N/A	N/A
0.06	0.06	INTERSECTION	R	PAVED ROUTE (WHITEHURST FREEWAY NW / NON NPS)
0.06	0.06	INTERSECTION	L	PAVED ROUTE (WHITEHURST FREEWAY NW / NON NPS)

ROCR: Route Milepost Log

ROUTE 0504BZ: RAMP FROM S/B ROCK CREEK PARKWAY TO "K" STREET

Road logs are verified in Cycle 6 and mileposts for this route are matched to GPS collected in Cycle 4.

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.00	0.00	INTERSECTION	L	PAVED ROUTE (K STREET NW - WHITEHURST FREEWAY NW / NON NPS)
0.00	0.00	ONE-WAY START	N/A	N/A
0.00	0.00	INTERSECTION	N/A	PAVED ROUTE (K STREET NW - WHITEHURST FREEWAY NW / NON NPS)
0.07	0.07	INTERSECTION	N/A	ROUTE 0001 (ROCK CREEK AND POTOMAC PARKWAY NORTHBOUND)
0.07	0.07	ONE-WAY END	N/A	N/A
0.07	0.07	INTERSECTION	L	ROUTE 0001 (ROCK CREEK AND POTOMAC PARKWAY NORTHBOUND)

ROUTE 0504CZ: RAMP FROM "K" STREET TO N/B ROCK CREEK PARKWAY

Road logs are verified in Cycle 6 and mileposts for this route are matched to GPS collected in Cycle 4.

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.00	0.00	INTERSECTION	N/A	ROUTE 0002 (ROCK CREEK AND POTOMAC PARKWAY SOUTHBOUND)
0.00	0.00	ONE-WAY START	N/A	N/A
0.00	0.00	INTERSECTION	L	ROUTE 0002 (ROCK CREEK AND POTOMAC PARKWAY SOUTHBOUND)
0.06	0.06	OVERPASS	N/A	A BIP STRUCTURE NUMBER HAS NOT BEEN ASSIGNED TO THIS BRIDGE (WHITEHURST FREEWAY NW / NON NPS)
0.08	0.08	ONE-WAY END	N/A	N/A
0.08	0.08	INTERSECTION	L	PAVED ROUTE (K STREET NW / NON NPS)
0.08	0.08	PARK BOUNDARY	N/A	N/A
0.08	0.08	INTERSECTION	N/A	PAVED ROUTE (K STREET NW / NON NPS)
0.08	0.08	INTERSECTION	R	PAVED ROUTE (29TH STREET NW / NON NPS)

ROCR: Route Milepost Log

ROUTE 0504DZ: RAMP FROM "K" STREET TO S/B ROCK CREEK PARKWAY

Road logs are verified in Cycle 6 and mileposts for this route are matched to GPS collected in Cycle 4.

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.00	0.00	INTERSECTION	N/A	PAVED ROUTE (K STREET NW / NON NPS)
0.00	0.00	ONE-WAY START	N/A	N/A
0.00	0.00	PARK BOUNDARY	N/A	N/A
0.00	0.00	INTERSECTION	L	PAVED ROUTE (K STREET NW / NON NPS)
0.03	0.03	OVERPASS	N/A	A BIP STRUCTURE NUMBER HAS NOT BEEN ASSIGNED TO THIS BRIDGE (WHITEHURST FREEWAY NW / NON NPS)
0.07	0.07	INTERSECTION	N/A	ROUTE 0002 (ROCK CREEK AND POTOMAC PARKWAY SOUTHBOUND)
0.07	0.07	INTERSECTION	L	ROUTE 0002 (ROCK CREEK AND POTOMAC PARKWAY SOUTHBOUND)
0.07	0.07	OVERPASS	N/A	A BIP STRUCTURE NUMBER HAS NOT BEEN ASSIGNED TO THIS BRIDGE (WHITEHURST FREEWAY NW EXIT RAMP / NON NPS)
0.07	0.07	ONE-WAY END	N/A	N/A

ROUTE 0505: RAMP FROM S/B ROCK CREEK PARKWAY TO PENNSYLVANIA AVENUE

Road logs are verified in Cycle 6 and mileposts for this route are matched to GPS collected in Cycle 4.

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.00	0.00	INTERSECTION	L	ROUTE 0002 (ROCK CREEK AND POTOMAC PARKWAY SOUTHBOUND)
0.00	0.00	INTERSECTION	N/A	ROUTE 0002 (ROCK CREEK AND POTOMAC PARKWAY SOUTHBOUND)
0.00	0.00	ONE-WAY START	N/A	N/A
0.08	0.08	ONE-WAY END	N/A	N/A
0.08	0.08	INTERSECTION	R	PAVED ROUTE (PENNSYLVANIA AVENUE NW / NON NPS)
0.08	0.08	INTERSECTION	L	PAVED ROUTE (PENNSYLVANIA AVENUE NW / NON NPS)
0.08	0.08	PARK BOUNDARY	N/A	N/A

ROCR: Route Milepost Log

ROUTE 0506: RAMP FROM "P" STREET TO N/B ROCK CREEK PARKWAY

Road logs are verified in Cycle 6 and mileposts for this route are matched to GPS collected in Cycle 4.

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.00	0.00	INTERSECTION	L	PAVED ROUTE (P STREET NW / NON NPS)
0.00	0.00	INTERSECTION	R	PAVED ROUTE (P STREET NW / NON NPS)
0.00	0.00	ONE-WAY START	N/A	N/A
0.08	0.08	INTERSECTION	L	ROUTE 0001 (ROCK CREEK AND POTOMAC PARKWAY NORTHBOUND)
0.08	0.08	INTERSECTION	N/A	ROUTE 0001 (ROCK CREEK AND POTOMAC PARKWAY NORTHBOUND)
0.08	0.08	ONE-WAY END	N/A	N/A

ROUTE 0507AZ: RAMP FROM "P" STREET TO S/B ROCK CREEK PARKWAY

Road logs are verified in Cycle 6 and mileposts for this route are matched to GPS collected in Cycle 4.

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.00	0.00	INTERSECTION	R	PAVED ROUTE (P STREET NW / NON NPS)
0.00	0.00	INTERSECTION	L	PAVED ROUTE (P STREET NW / NON NPS)
0.00	0.00	PARK BOUNDARY	N/A	N/A
0.00	0.00	ONE-WAY START	N/A	N/A
0.07	0.07	INTERSECTION	L	ROUTE 0513BZ (RAMP FROM S/B ROCK CREEK PARKWAY TO "P" STREET)
0.09	0.09	INTERSECTION	N/A	ROUTE 0002 (ROCK CREEK AND POTOMAC PARKWAY SOUTHBOUND)
0.09	0.09	INTERSECTION	L	ROUTE 0002 (ROCK CREEK AND POTOMAC PARKWAY SOUTHBOUND)
0.09	0.09	ONE-WAY END	N/A	N/A

ROCR: Route Milepost Log

ROUTE 0508: RAMP TO HARVARD STREET

Road logs are verified in Cycle 6 and mileposts for this route are matched to GPS collected in Cycle 4.

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.00	0.00	INTERSECTION	N/A	ROUTE 0010 (BEACH DRIVE NORTHWEST)
0.00	0.00	ONE-WAY START	N/A	N/A
0.00	0.00	INTERSECTION	L	ROUTE 0010 (BEACH DRIVE NORTHWEST)
0.07	0.07	INTERSECTION	L	PAVED ROUTE (HARVARD STREET NW / NON NPS)
0.07	0.07	ONE-WAY END	N/A	N/A
0.07	0.07	INTERSECTION	R	PAVED ROUTE (HARVARD STREET NW / NON NPS)

ROUTE 0509AZ: SOUTH WATERSIDE DRIVE N/B

Road logs are verified in Cycle 6 and mileposts for this route are matched to GPS collected in Cycle 4.

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.00	0.00	ONE-WAY START	N/A	N/A
0.00	0.00	INTERSECTION	R	ROUTE 0001 (ROCK CREEK AND POTOMAC PARKWAY NORTHBOUND)
0.00	0.00	INTERSECTION	L	ROUTE 0001 (ROCK CREEK AND POTOMAC PARKWAY NORTHBOUND)
0.17	0.17	INTERSECTION	L	ROUTE 0510BZ (SOUTH WATERSIDE DRIVE S/B)
0.28	0.28	INTERSECTION	R	PAVED PARKING (PRIVATE / NON NPS)
0.30	0.30	INTERSECTION	R	PAVED PARKING (PRIVATE / NON NPS)
0.31	0.31	INTERSECTION	R	PAVED ROUTE (ALLEY / NON NPS)
0.38	0.38	INTERSECTION	L	PAVED ROUTE (MASSACHUSETTS AVENUE NW / NON NPS)
0.38	0.38	INTERSECTION	R	PAVED ROUTE (MASSACHUSETTS AVENUE NW / NON NPS)
0.38	0.38	ONE-WAY END	N/A	N/A

ROCR: Route Milepost Log

ROUTE 0510BZ: SOUTH WATERSIDE DRIVE S/B

Road logs are verified in Cycle 6 and mileposts for this route are matched to GPS collected in Cycle 4.

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.00	0.00	INTERSECTION	L	PAVED ROUTE (MASSACHUSETTS AVENUE NW / NON NPS)
0.00	0.00	ONE-WAY START	N/A	N/A
0.00	0.00	INTERSECTION	R	PAVED ROUTE (MASSACHUSETTS AVENUE NW / NON NPS)
0.09	0.09	INTERSECTION	L	PAVED PARKING (PRIVATE / NON NPS)
0.11	0.11	INTERSECTION	L	PAVED PARKING (PRIVATE / NON NPS)
0.23	0.23	INTERSECTION	L	ROUTE 0509AZ (SOUTH WATERSIDE DRIVE N/B)
0.29	0.31	BRIDGE	N/A	3450-034 (SOUTH WATERSIDE DRIVE BRIDGE)
0.39	0.39	INTERSECTION	R	ROUTE 0002 (ROCK CREEK AND POTOMAC PARKWAY SOUTHBOUND)
0.39	0.39	INTERSECTION	N/A	ROUTE 0002 (ROCK CREEK AND POTOMAC PARKWAY SOUTHBOUND)
0.39	0.39	ONE-WAY END	N/A	N/A

ROUTE 0511CZ: RAMP FROM N/B JOYCE ROAD NW TO 17TH STREET NW

Road logs are verified in Cycle 6 and mileposts for this route are matched to GPS collected in Cycle 4.

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.00	0.00	ONE-WAY START	N/A	N/A
0.00	0.00	INTERSECTION	N/A	ROUTE 0015 (JOYCE ROAD NORTHWEST)
0.00	0.00	INTERSECTION	L	ROUTE 0015 (JOYCE ROAD NORTHWEST)
0.08	0.08	ONE-WAY END	N/A	N/A
0.08	0.08	INTERSECTION	R	PAVED ROUTE (17TH STREET NW / NON NPS)
0.08	0.08	INTERSECTION	N/A	PAVED ROUTE (MISSOURI AVENUE NW / NON NPS)
0.08	0.08	PARK BOUNDARY	N/A	N/A

ROCR: Route Milepost Log

ROUTE 0511DZ: RAMP FROM S/B JOYCE ROAD NW TO MILITARY ROAD NW

Road logs are verified in Cycle 6 and mileposts for this route are matched to GPS collected in Cycle 4.

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.00	0.00	INTERSECTION	N/A	ROUTE 0015 (JOYCE ROAD NORTHWEST)
0.00	0.00	INTERSECTION	L	ROUTE0015 (JOYCE ROAD NORTHWEST)
0.00	0.00	ONE-WAY START	N/A	N/A
0.01	0.01	INTERSECTION	L	ROUTE 0015 (JOYCE ROAD NORTHWEST) OPPOSITE LANE
0.04	0.04	INTERSECTION	L	ROUTE 0016 (ROSS DRIVE NORTHWEST)
0.06	0.06	OVERPASS	N/A	A BIP STRUCTURE NUMBER HAS NOT BEEN ASSIGNED TO THIS BRIDGE (MILITARY ROAD NW / NON NPS)
0.13	0.13	INTERSECTION	L	ROUTE 0016 (ROSS DRIVE NORTHWEST)
0.19	0.19	INTERSECTION	L	PAVED ROUTE (MILITARY ROAD NW WESTBOUND / NON NPS)
0.19	0.19	INTERSECTION	N/A	PAVED ROUTE (MILITARY ROAD NW WESTBOUND / NON NPS)
0.19	0.19	ONE-WAY END	N/A	N/A

ROUTE 0513BZ: RAMP FROM S/B ROCK CREEK PARKWAY TO "P" STREET

Road logs are verified in Cycle 6 and mileposts for this route are matched to GPS collected in Cycle 4.

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.00	0.00	ONE-WAY START	N/A	N/A
0.00	0.00	INTERSECTION	N/A	ROUTE 0002 (ROCK CREEK AND POTOMAC PARKWAY SOUTHBOUND)
0.00	0.00	INTERSECTION	L	ROUTE 0002 (ROCK CREEK AND POTOMAC PARKWAY SOUTHBOUND)
0.04	0.04	INTERSECTION	L	ROUTE 0507AZ (RAMP FROM "P" STREET TO S/B ROCK CREEK PARKWAY)
0.10	0.10	INTERSECTION	R	PAVED ROUTE (P STREET NW / NON NPS)
0.10	0.10	PARK BOUNDARY	N/A	N/A
0.10	0.10	INTERSECTION	L	PAVED ROUTE (P STREET NW / NON NPS)
0.10	0.10	ONE-WAY END	N/A	N/A

Data Collected on 3/2018

Section 8
Appendix

Rock Creek Park

Federal Lands Highway
Road Inventory Program

Improvements to the RIP Index Equations and Determination of PCR

In 2005, the Federal Highway Administration (FHWA) began implementing the use of a Pavement Management System (PMS) to assist the National Park Service (NPS) in prioritizing Pavement Maintenance and Rehabilitation activities. The PMS used by FHWA is the Highway Pavement Management Application (HPMA) which has the ability to store inventory and condition data from the Road Inventory Program (RIP) and forecast future performance using prediction models. Outputs include performance and condition reports at the National, Region, Park, or Route level. A regional prioritized list and optimization have been produced for most regions and the Federal Highway Deferred Maintenance is calculated via the HPMA as well.

In an effort to improve the accuracy of treatment recommendations and pavement condition descriptions the distresses and indexes that comprise the Pavement Condition Rating (PCR), an extensive study was completed throughout 2010 that has resulted in changes to the RIP condition reporting method and specifically, the calculation of PCR. It was determined that a better representation of PCR could be achieved by modifying the relative impact certain distresses would have on the overall rating.

Through the use of HPMA data, it was noted that false failure indicators existed with the existing PCR model, and that it would be necessary to reduce their impact. The distresses affected in this way were Rutting and Roughness. Conversely, experience showed that roadways with extensive cracking present were often shown to have a high PCR. Therefore, the crack index models were adjusted to be more sensitive to changes in crack severity or quantity. It was also determined that these issues were not due to a problem with data acquisition (i.e. the RIP "van"), but with the way the collected data was processed. The final change was to provide guidance on when to use the Roughness Condition Index (RCI) in the PCR calculation. Roughness data is of little value to determining overall condition on routes that, due to their length or geometrics, have lower vehicle operating speeds. Therefore, in Cycle 5, only routes that have lengths of one half mile or greater and posted speed limits of 25 mph or greater will have RCI reported and included in the PCR calculations.

Additionally, methodologies were updated in 2013 for Manually Rated Routes (paved routes that the collection vehicle is unable to drive) as well as Parking Areas to provide more accurate condition data to the HPMA. These updated methodologies allow for the efficient assessment of pavement conditions using a visual inspection method to denote specific distresses. These distresses are indicative of current conditions, the causes for current and future deterioration, and identify the level of targeted repair and rehabilitation practices required.

The changes that were implemented were endorsed by management at both the FHWA and NPS. In order to show the effectiveness of these changes, several sites were ground truth tested in early 2014 to ensure that an improvement was achieved between the relationship of PCR and the actual Maintenance and Rehabilitation needs that were represented. The changes will allow greater use of RIP and HPMA data for not simply condition data reporting, but also as a reliable tool for project identification and selection.

Description of the Rating System

The Federal Highway Administration, National Park Service Road Inventory Program (NPS-RIP), collects roadway condition data on paved surfaces (asphalt, concrete, brick, and cobblestone) on roads, parkways, and parking areas in national parks nationwide. The road surface condition data is collected using an automated Data Collection Vehicle (DCV) and manually using Manually Rated Route (MRR) procedures. Roads having brick or cobblestone surfacing are not normally surveyed with the DCV, but are manually rated for condition rating.

The FHWA RIP is implemented based on the premise that an accurate pavement surface condition assessment can be accomplished using automated crack detection technology as applied to digital images. Various methods of pavement condition assessment have been developed over the years with varying degrees of accuracy and acceptance. The use of digital photography to record pavement images and subsequent crack detection and classification has undergone continuous improvements over the past decade. Digital cameras with increasingly superior resolution and high definition have become more affordable, and the proprietary programming code and algorithms have been improved in crack detection software.

With the use of quality digital photography and automated crack detection software, FHWA RIP is tasked with executing a pavement condition assessment on a network of roughly 5,700 miles of National Park Service roads and parkways. Because a subset of roads will be collected multiple times this cycle, the total collection length will be around 13,000 miles. Foremost in setting up the basis of pavement distress identification is employing the distress identification protocols used by FHWA. There is no single distress identification system that is universal among entities conducting a program of distress identification. For the purpose of the NPS RIP, FHWA employs distress identification protocols that are specific to this program.

FHWA has referenced the "*Distress Identification Manual for the Long-Term Pavement Performance Program", Publication No. FHWA-RD 03-031, June 2003,* as the point-of- reference for distress types on NPS pavement. In truth, the FHWA RIP distress types are similar to those described in the LTPP manual with some modifications. This document, "*Distress Identification Manual for the NPS Road Inventory Program, Cycle 6, 2014-2020"* was developed using the "*Distress Identification Manual for the Long-Term Pavement Performance Program"* as a guideline. Definitions of severity levels based on crack width contained in this document adhere to the LTPP Distress ID Manual. Modifications have been made to the definition of Alligator and Longitudinal Cracking and determination of Alligator Cracking severity. This manual also addresses Rutting and Roughness and its application to RIP.

Cycle 6 has launched in the spring of 2014 and will again comprise all parks, large and small, that are served by paved roads and/or parking areas. For Cycle 6, roughly 333 large and small parks will have all paved routes and parking areas collected at least once in the cycle, some will have multiple collections depending on the size of the park and the functional class of the route.

This "*Distress Identification Manual for the NPS Road Inventory Program, Cycle 6, 2014-2020*" will be used as a reference resource in crack detection and classification, determination of distress severity and extent, and in the calculation of distress index values for the FHWA RIP Cycle 6.

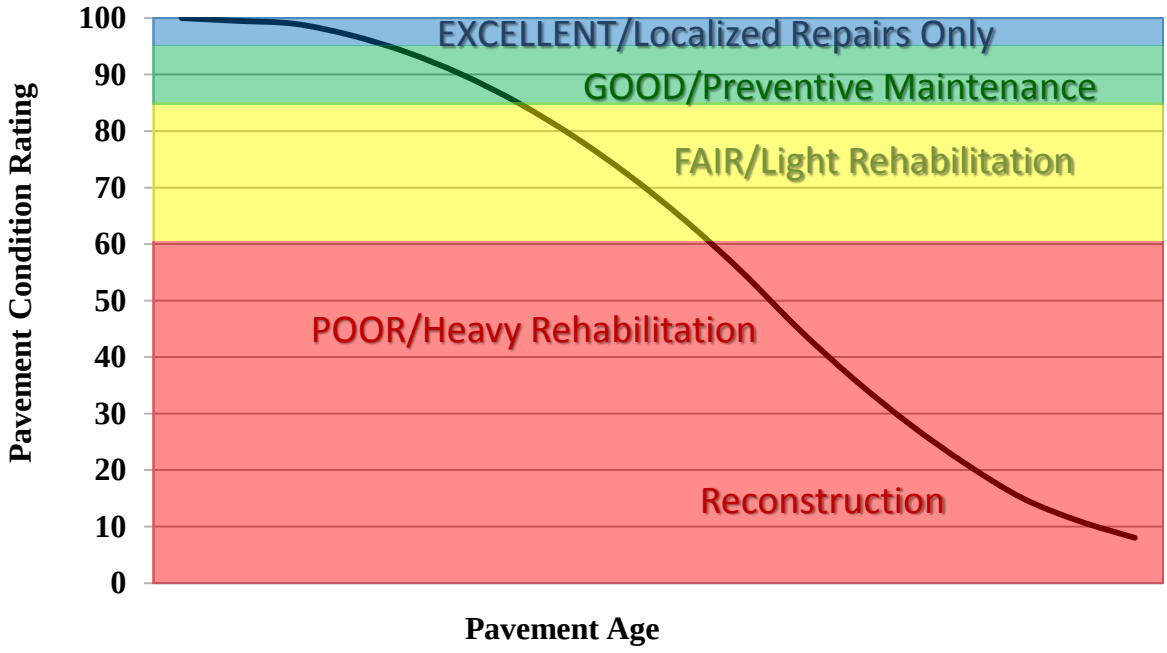
Explanation of the Condition Descriptions

In addition to the RIP Index changes that were implemented in Cycle 5, we will also aim to provide greater assistance in translating good/fair/poor categories into pavement needs categories. The PCR can be used to indicate the place in the Pavement Life Cycle and the types of treatments that should be considered now and into the future.

- Excellent/New: PCR of 95-100. Pavements in this range will require only spot repairs
- Good: PCR of 85-94. Pavements in this range will likely be candidates for preventive maintenance. Examples include Chip and Slurry Seals, Micro Surfacing and Thin Overlays.
- Fair: PCR of 61-84. Pavements in this range will likely be candidates of Light Rehabilitation (L3R). Examples include single-lift overlays up to 2.5 inches in total thickness, milling and overlays.
- Poor: PCR of 60 or below. Pavements in this range will likely be candidates of Heavy Rehabilitation or Reconstruction (H3R or 4R). Examples include Pulverization, Multiple Lift Overlays, and Reconstruction.

At this time, specific maintenance and rehabilitation activities should be evaluated and recommended at the project level. Site-specific conditions that influence treatment type should be determined based on performing a subsurface investigation and/or pavement condition survey, and not be based solely on RIP data. Additionally, RIP produces a snapshot of conditions the year in which the data was collected. For further information or to obtain additional PMS data from our (HPMA) please contact the Eastern Federal Lands pavement team.

Condition Categories and Treatments



Description of Pavement Treatment Types

1. **Preventive Maintenance** is a planned strategy of cost-effective treatments to an existing roadway system and its appurtenances that preserves the system, retards future deterioration, and maintains or improves the functional condition of the system (without significantly increasing the structural capacity). Preventive maintenance is typically applied to pavements in good condition having significant remaining service life. As a major component of pavement preservation, preventive maintenance is a strategy of extending the service life by applying cost-effective treatments to the surface or near-surface of structurally sound pavements. Examples of preventive treatments include asphalt crack sealing, chip sealing, slurry or micro-surfacing, thin and ultra-thin hot-mix asphalt overlay, concrete joint sealing, diamond grinding, dowel-bar retrofit, and isolated, partial and/or full-depth concrete repairs to restore functionality of individual slabs.

2. Pavement Rehabilitation consists of structural enhancements that extend the service life of an existing pavement and/or improve its load carrying capacity. Rehabilitation techniques include restoration treatments and structural overlays. Rehabilitation projects extend the life of existing pavement structures either by restoring existing structural capacity through the elimination of age-related, environmental cracking of embrittled pavement surface or by increasing pavement thickness to strengthen existing pavement sections to accommodate existing or projected traffic loading conditions. Two sub-categories result from these distinctions, which are directly related to the restoration or increase of structural capacity.

    - **Light Rehabilitation (L3R)** - Examples include single-lift overlays up to 2.5 inches in total thickness and milling and overlays for flexible pavements

    - **Heavy Rehabilitation (H3R)** – Requires rehabilitation with grade improvement. H3R stands for resurfacing, restoration, and rehabilitation projects. H3R projects typically involve multi-depth (overlays greater than 2.5 inches) pavement improvement work (short of full-depth replacement) and targeted safety improvements. H3R projects generally involve retention of the existing three-dimensional alignment.

3. **Reconstruction (4R)** is defined as the replacement of the entire existing pavement structure by the placement of the equivalent or increased pavement structure. Reconstruction usually requires the complete removal and replacement of the existing pavement structure. Reconstruction may utilize either new or recycled materials incorporated into the materials used for the reconstruction of the complete pavement section. Reconstruction is required when a pavement has either failed or has become functionally obsolete.

Appendix A

Methodology for Determining Condition Ratings with the Data Collection Vehicle (DCV)

Surface Distresses Identified by the Data Collection Vehicle

Surface Condition Rating – SCR

Surface distresses are measured in the primary lane only. In the classification and measurement of all paved surface condition data, results will be reported in the database in record intervals of 0.02 miles (105.6 feet) (smallest granularity) along the route.

Surface distresses and rutting are determined from digital images that provide both the longitudinal and transverse profile. The images also provide an elevation profile of the road, creating a 3-dimensional image of the paved surface.

- Transverse Cracks
- Longitudinal Cracks
- Alligator Cracks
- Patching/Potholes
- Rutting

Each of the five surface distresses is assigned a computed surface distress index

- Transverse Crack Index
- Longitudinal Crack Index
- Alligator Crack Index
- Patching/Pothole Index
- Rutting Index

Surface distress data are classified as listed above, measured for severity, and quantified for extent. Classification, severity, and extent of these five surface distresses comprise the three main elements for calculation of Surface Condition Rating (SCR).

In addition to the five surface distresses, a Structural Crack Index is computed, which is a combination of the Longitudinal Crack Index and the Alligator Crack Index. The Structural Crack Index is then used in lieu of the LC and AC indices to compute SCR.

Roughness Condition Index - RCI

Additional condition data measured by DCV (lasers and accelerometers)

- Roughness (IRI)

Roughness is measured by FHWA's DCV and reported as International Roughness Index (IRI) in inches/mile. Using IRI, the Roughness Condition Index (RCI) is computed.

Pavement Condition Rating - PCR

Using the SCR (computed from the five surface distresses) and the RCI, an overall Pavement Condition Rating (PCR) is computed. The formula for PCR is:

Asphalt PCR = (0.60 * SCR) + (0.40 * RCI)
Concrete PCR = RCI

A detailed description of each distress index formula, roughness index formula, SCR and PCR is provided in this document.

Each classified surface distress will fall into one or more severity - LOW, MEDIUM, or HIGH based on criteria listed. For each severity, an extent is established based on the measured quantity of the distress within that severity. Within each severity individual distresses are assigned a Maximum Allowable Extent (MAE). For example, LOW severity transverse cracking may be allowed up to 21.1 cracks within a 0.02 mile interval before it reaches MAE and fails.

The index formulas are based on a scale of 0 to 100. A PCR index value of 100 would indicate a "new" road with no measurable distresses or rough ride. A PCR value of 60 is determined to be terminable serviceability and the road is considered failed. The range of index values with condition descriptors is:

POOR = (less than or equal to 60), **FAIR**= (61 – 84), GOOD= (85 - 94), **EXCELLENT**= (95 - 100)

Index values are generally computed based on cumulative deducts of the measured severities. As shown in the index formulas below, as any single severity reaches or exceeds MAE, the index computes to a value of 60 or less, and the road fails for that 0.02 interval.

> **Note:** *As a result of a unique combination of measured surface distresses and IRI, index values occasionally compute to less than 0 or greater than 100. In this instance, an index value less than 0 defaults to 0. Index values greater than 100 defaults to 100. For all indices, a higher value indicates a better road condition, and a lower value indicates a poorer road condition.*

On the following page, Table 1 summarizes the different types of distresses measured.

ASPHALT-SURFACED PAVEMENT DISTRESS TYPES WITH RUTTING AND ROUGHNESS				
Distress Type	**Units Of Measure**	**Converted To**	**Defined Severity Levels?**	**Measured By**
Alligator Cracking	Square Feet	Percent of Lane Per 0.02 Mile	Yes	3 Dimensional pavement imaging system
Transverse Cracking	Linear feet	Number of Cracks Per 0.02 Mile	Yes	3 Dimensional pavement imaging system
Longitudinal Cracking	Linear feet	Percent of Lane Length Per 0.02 Mile	Yes	3 Dimensional pavement imaging system
Patching / Potholes	Square Feet	Percent of Lane Per 0.02 Mile	No	3 Dimensional pavement imaging system
Rutting	Inches	Rut Depth Per 0.02 Mile	Yes	3 Dimensional pavement imaging system
Roughness	IRI	*RCI Per 0.02 Mile	No	DCV – Lasers / Accelerometers

*Note: *Roughness is measured on concrete roadways, but surface distresses and rutting are not measured. For concrete, PCR = RCI*

Table 1. Distress summary

Alligator Cracking

Description:

Alligator cracking is considered a combination of fatigue and block cracking. It is a series of interconnected cracks in various stages of development. Alligator cracking develops into a many-sided pattern that resembles chicken wire or alligator skin. It can occur anywhere in the road lane. Alligator cracking must have a quantifiable area.

Severity Levels:

LOW
An area with little to no interconnecting cracks with no visible spalling. Cracks are less than or equal to a mean width of 0.25 in. (6mm). Cracks in the pattern are no further apart than 1 foot (0.328 m). May be sealed cracks with sealant in good condition and a crack width that cannot be determined.

MEDIUM
An area of interconnected cracks that form a complete pattern. Cracks may be slightly spalled. Cracks are greater than 0.25 in. (6 mm) but less than or equal to 0.75 in. (19 mm) or any crack with a mean width less than or equal to 0.75 in. (19 mm) and adjacent low severity cracking. Cracks in the pattern are no further apart than 6 in. (150 mm).

HIGH
An area of interconnected cracks forming a complete pattern. Cracks are moderately or severely spalled. Cracks are greater than 0.75 in. (19mm) or any crack with a mean width less than or equal to 0.75 in. (19mm) and adjacent medium to high severity random cracking.

A combination of observed crack width and crack pattern is used to determine overall severity of alligator cracking. Based on above description of each severity, the highest level of crack width and crack pattern determines overall severity as shown in Table 2.

ALLIGATOR CRACKING SEVERITY LEVELS				
	CRACK SEVERITY	**CRACK PATTERN**		
		LOW	**MED**	**HIGH**
CRACK WIDTH	LOW	LOW	MED	HIGH
	MED	MED	MED	HIGH
	HIGH	HIGH	HIGH	HIGH

Table 2. Alligator Crack Severity Levels

Longitudinal Cracking

Description:

Longitudinal cracking occurs predominantly parallel to the pavement centerline. It can occur anywhere within the lane. Longitudinal cracks occurring in the wheelpath may be noteworthy.

Severity Levels:

LOW
Cracks with a mean width less than or equal to 0.25 in. (6 mm). This also includes sealed cracks with sealant in good condition and a width that cannot be determined.

MEDIUM
Cracks with a mean width greater than 0.25 in. (6 mm) but less than 0.75 in. (19 mm). Also, any crack with a mean width less than 0.75 in. (19 mm) and adjacent random low severity cracking.

HIGH
Cracks with a mean width greater than 0.75 in. (19 mm). Also, any crack with a mean width less than 0.75 in. (19 mm) and adjacent random medium to high severity cracking.

Transverse Cracking

Description:

Transverse cracking occurs predominantly perpendicular to the pavement centerline. It can occur anywhere within the lane.

Severity Levels:

LOW
Cracks with a mean width of less than or equal to 0.25 in. (6 mm). Sealed cracks with sealant in good condition and a width that cannot be determined.

MEDIUM
Cracks with a mean width greater 0.25 in. (6 mm) and less than or equal to 0.75 in. (19 mm). Also, any crack with a mean width less than 0.75 in. (19 mm) and adjacent random low severity cracking.

HIGH
Cracks with a mean width greater than 0.75 in. (19 mm). Also, any crack with a mean width less than 0.75 in. (19 mm) and adjacent random medium to high severity cracking.

Patching and Potholes

Description:

Patching is an area of pavement surface that has been removed and replaced with patching material or an area of pavement surface that has had additional patching material applied. Patching may encompass partial lane or full lane width. On full lane width patching; the total, contiguous length of patch may not exceed 0.100 mi. (0.161 km). (Any full-lane patch exceeding 0.100 mi. in length is considered a pavement change). Patching must have a quantifiable area.

Potholes are bowl-shaped holes of various sizes occurring in the pavement surface.

Manhole covers should not be rated as patches unless there is obvious patching around the manhole.

Speed bumps should not be rated as patches

Severity Levels:

There are no stratified severities for Patching and Potholes. They either are present or they are not.

RUTTING

Description:

Rutting is a longitudinal surface depression in the wheelpath.

Severity Levels:

LOW

Ruts with a measured depth of 0.20 inches to 0.49 inches
Ruts less than 0.20 in. are not included in the distress calculations.

MEDIUM

Ruts with a measured depth of 0.50 inches to 0.99 inches

HIGH

Ruts with a measured depth greater than 1.00 inch

ROUGHNESS

Description:

Roughness is the measurement of the unevenness of the pavement in the direction of travel. It is measured in units of IRI (International Roughness Index), inches per mile, and is indicative of ride comfort.

Severity Levels:

There are no stratified severity levels for roughness. The roughness (or smoothness) of a road surface can be defined by IRI in the following table.

IRI DESCRIPTIONS	
Type of Road	**Typical IRI (in/mile)**
New Road, no noticeable roughness	<90
Small level of roughness	90 – 126
Road of average roughness	126 – 190
Road with above average roughness	190 – 253
Road with severe roughness	253 – 380
Nearly impassable	>380

Table 3. International Roughness Index

Roughness Collection Parameters

On shorter roads with a lower speed limit the usefulness in collecting and reporting IRI is negligible. Lower, inconsistent speeds can lead to a less accurate IRI value. Therefore RIP has put in place the following protocols for reporting IRI.

International Roughness Index (IRI) is not reported on routes with the following criteria:

- Posted speed limit is less than 25 mph
- Length of route is less than 0.50 miles

When a collected route has a posted speed limit of at least 25 mph and length of at least 0.50 miles, IRI will be collected except on road sections where the speed is less than 20 mph

Other situations may arise where the speed and length factors are met, but reporting IRI could lead to an inaccurate PCR. RIP will determine whether or not it is reasonable to report IRI on these routes on a case by case basis.

Index Formulas

Note: All index formulas listed below contain MAE applicable to 0.02 mile (105.6 feet) interval.

Alligator Crack Index

AC_INDEX = 100 – 40 * [(%LOW / 35) + (%MED / 15) + (%HI / 5)]

Where:

The values %LOW, %MED and %HI report the percentage of the observed pavement (0.02 mile, primary lane) that contains alligator cracking within the respective severities. These values range from 0 to 100.

%LOW = Percent of total area (primary lane, 0.02 in length), low severity
%MED = Percent of total area (primary lane, 0.02 in length), medium severity
%HI = Percent of total area (primary lane, 0.02 in length), high severity

Percent of total area is computed as:

$$\frac{\text{square foot area of alligator crack severity}}{\text{(0.02 mile)*(lane width)}}$$

In AC_INDEX, the denominators 35, 15, and 5 are the Maximum Allowable Extents (MAE) for each severity. In other words, we will allow up to 35% of low severity alligator cracking for a 0.02 interval before failure, 15% for medium severity, and so on. As you can see, if any single severity reaches MAE the resulting index value is 60, or failure.

Longitudinal Crack Index

LC_INDEX = 100 – 40 * [(%LOW / 175) + (%MED / 75) + (%HI / 25)]

Where:

The values %LOW, %MED, and %HI report the length of longitudinal cracking within each severity as a percent of the section length (0.02 mile, primary lane). These values are greater than or equal to 0 and can exceed 100.

%LOW = Percent of interval length (primary lane, 0.02 in length), low severity
%MED = Percent of interval length (primary lane, 0.02 in length), medium severity
%HI = Percent of interval length (primary lane, 0.02 in length), high severity

Percent of interval length is computed as:

$$\frac{\text{length of respective longitudinal cracking}}{\text{(0.02 mile)*(105.6 ft.)}}$$

In LC_INDEX, the denominators 175, 75, and 25 are the Maximum Allowable Extents (MAE) for each severity. In other words, we will allow up to 175% of low severity longitudinal cracking for a 0.02 interval before failure, 75% for medium severity, and so on. As you can see, if any single severity reaches MAE the resulting index value is 60, or failure.

Structural Crack Index

SC_INDEX = [100 - ((100 - AC_INDEX) + (100 - LC_INDEX))]

Structural Crack Index is a combination of Alligator Cracking and Longitudinal Cracking, and is used in the SCR formula in lieu of AC and LC separately.

Transverse Crack Index

TC_INDEX = 100 – 40 * [(LOW / 21.1) + (MED / 4.4) + (HI / 2.6)]

Where:

The values LOW, MED and HI report a count of the total number of transverse cracks (reported to three decimals) within each severity level, where one transverse crack is equal to the lane width. These values are greater than or equal to 0.

LOW = Number of cracks in interval (primary lane, 0.02 in length), low severity
MED = Number of cracks in interval (primary lane, 0.02 in length), medium severity
HI = Number of cracks in interval (primary lane, 0.02 in length), high severity

Number of cracks is computed as:

$$\frac{\text{Total length of transverse cracks}}{\text{Lane width}}$$

In TC_INDEX, the denominators 21.1, 4.4, and 2.6 are the Maximum Allowable Extents (MAE) for each severity. In other words, we will allow up to 21.1 low severity transverse cracks for a 0.02 interval before failure, 4.4 cracks for medium severity, and so on. As you can see, if any single severity reaches MAE the resulting index value is 60, or failure.

Patching Index

PATCH_INDEX = (100 – 40) * (%PATCHING / 80)

Where:

The value %PATCHING reports the percentage of the observed pavement (0.02 mile, primary lane) that contains patching/potholes. This value ranges from 0 to 100.

%PATCHING = Percent of total area (primary lane, 0.02 in length)

Percent of total area is computed as:

$$\frac{\text{square foot area of patching/potholes}}{\text{(0.02 mile)*(lane width)}}$$

There are no severity levels for patching. It either exists or does not.

There are no severity levels for patching. It either exists or does not. In PATCH_INDEX, the denominator 80 is the Maximum Allowable Extent (MAE) for each severity. In other words, we will allow up to 80% patching for a 0.02 interval before failure. As you can see, if patching/potholes reaches MAE the resulting index value is 60, or failure.

Rutting Index

RUT_INDEX = 100 – 40 * [(%LOW / 535) + (%MED / 205) + (%HI / 40)]

Where:

20 rut depth measurements are taken per 0.02 interval for each of 2 wheel paths (left and right), resulting in a total of 40 measurements taken for both wheel paths. Each wheelpath is analyzed independently for rut severities. The values %LOW, %MED and %HI report the percentage of the 40 measurements within that severity. These values range from 0 to 200.

%LOW = Percent of LOW ruts in left wheelpath based on 20 ruts, plus percent of LOW ruts in right wheelpath based on 20 ruts.
%MED = Percent of MED ruts in left wheelpath based on 20 ruts, plus percent of MED ruts in right wheelpath based on 20 ruts.
%HI = Percent of HI ruts in left wheelpath based on 20 ruts, plus percent of HI ruts in right wheel path based on 20 ruts.

Percent of rut measurements within each severity can also be computed as:

$$\frac{\textbf{(total number of ruts within each severity in both wheelpaths)}}{\textbf{20}} \times \textbf{100}$$

In RUT_INDEX, the denominators 535, 205, and 40 are the Maximum Allowable Extents for each severity; Low, Medium, and High, respectively. Only the MAE for high severity rutting can fail a section, since 200% of *only* low severity ruts would yield a rut index of 85 and 200% of *only* medium severity ruts would yield a rut index of 61.

Roughness Condition Index (Asphalt)

RCI = 32 * [5 * ($2.718282^{(-.0041 * \text{AVG IRI})}$)]

Where:

The value AVG IRI reports the average value of the Left IRI and Right IRI measurements for the interval (0.02 mile, primary lane). This value can range from approximately 40 to 999.0.

Average IRI is computed as:

$$\frac{\text{(Left wheelpath IRI) + (Right wheelpath IRI)}}{2}$$

There is no applicable threshold for failure for this index.

Roughness Condition Index (Concrete)

RCI = $(-0.0012)(\text{IRI}^2) + (0.0499)(\text{IRI}) + 99.542$

For concrete, PCR = RCI

Surface Condition Rating Index

SCR = Lowest Index Value Of: [SC_INDEX, TC_INDEX, PATCH_INDEX, RUT_INDEX]

Note: *The modified SCR equation above combines AC_INDEX and LC_INDEX, and considers that a single AC/LC index value of the Structural Crack Index (SC_INDEX). The lowest of the four computed index values (SC_INDEX, TC_INDEX, PATCH_INDEX, or RUT_INDEX) becomes the SCR.*

Where:

See above for determinations of SC_INDEX, TC_INDEX, PATCH_INDEX and RUT_INDEX.

The threshold for failure for this index is SCR = 60.Data Collection Vehicle Subsystems

Data on paved roads is collected by FHWA using a Pathway Services Inc. Data Collection Vehicle (DCV), called a PathRunner. The DCV is driven in the primary-direction lane at posted speed limits and less.

Cameras

Forward-facing and rear-facing video is collected as jpeg digital imagery files at a frequency of every 26.4feet.

Two forward-facing cameras are mounted above the vehicle cab, one pointed straight ahead and the other to the right shoulder providing seamless roughly 120 degree viewing. A third camera is mounted in the rear of the vehicle, recording the left shoulder.

CAMERA SPECIFICATIONS TWO FORWARD / ONE REAR FACING CAMERA	
Camera lens/type	Prosilica GT 2750 (GigE Technology)
Image format	*.jpg
Image resolution	2750 x 2200, 18 frames/second
Image pixel size	depends on distance
Zoom ratio	16mm Fixed
Iris range	Aperture Range F 1.8 – Infinity (P-Iris, Automatic

Pavement Imaging and Rutting

High resolution rutting data and surface imaging are collected in a single data stream using a three-dimensional (3D) pavement surface transverse profile data acquisition system. The 3D camera captures a laser line as it is projected over the pavement surface and uses the location of this line to measure the height deviations of the pavement surface. These height deviations can be used to calculate rutting in both wheelpaths. These deviations also provide a grayscale image detailing the change in height throughout the surface, i.e. providing depth measurements for cracking.

THREE-DIMENSIONAL PAVEMENT SURFACE AND TRANSVERSE PROFILE DATA ACQUISITION SYSTEM	
Surface Image Specifications	
Image size	1536 pixels/scan @3000 Hz
Image width	4 meters (3950 mm nominal)
Laser class	3B
Power	16W (Two lasers @ 8W Ea)
Vehicle speed limitations	62 mph
Environment	Dry pavement, day or night
Sensor size (approximate)	1536 pixels x 512 pixels
Image display length	26.4 feet
Rutting Specifications	
Reported rut depth units	Inches
Vehicle speed limitations	Up to 62 mph
Sampling rate	3000 profiles/second
Transverse resolution	1536 points/profile
Transverse field-of-view	14 feet
Depth accuracy (nominal)	<1mm
Environment	Dry pavement, day or night, above 32 degrees F
Adherence to specifications	ASTM E1703M-95 (reapproved 2005)

Distance Measuring Instrument (DMI)

The DMI (Distance Measuring Instrument) obtains road length measurements that are accurate to 0.15% for speeds up to 60 mph. The DMI is connected to the hub of the rear wheel on the driver's side, and is calibrated to the revolutions of the rear vehicle axle on a regular basis.

Roughness (IRI)

IRI SPECIFICATIONS	
Reported IRI units	Inches/mile
Vehicle speed limitations	12-62 mph
IRI equipment certification	Texas Transportation Institute (TTI)
Wavelengths accommodated	0.5 feet to 300 feet
IRI computed & reported	World Bank Technical Paper Number 46
Environment	Dry pavement, day or night, above 32 degrees
Adherence to specifications	ASTM E950 Class 1 & AASHTO M 328

The collection system includes a South Dakota type laser profiler manufactured based on active Class 1 ASTM E950 standards. The dynamic profile of the pavement surface is collected from which the IRI roughness data is computed. The sensors include one accelerometer on each wheelpath, one height sensor (laser) on each wheelpath, and a distance transducer.

GPS & Inertial Systems

GPS is collected by an onboard system employing Omnistar real time correction and a spinning gyroscope to provide accurate positioning data in instances of satellite obstruction. All GPS coordinates are tied to an image and linear distance measurements.

GPS SPECIFICATIONS	
Static accuracy	Sub-meter
Dynamic accuracy	2-3 meters
Receiver	12 satellite tracking
Coordinate system	Lat Lon WGS 84
Environment	Day or night
Cross-slope	± 1.75%
Grade	± 1.75%
Adherence to specifications	ASTM E1703M-95 (reapproved 2005)

*NOTE – GPS accuracy is dependent on many different factors. Satellite constellation, tree coverage, GPS receiver quality, and real-time correction availability can all affect the locational and elevation accuracies. The elevation (z coordinate) accuracy is less dependable than locational or horizontal accuracy (x/y coordinates or latitude/longitude). In areas of heavy tree coverage or poor satellite constellations, elevation data can vary by as much as +/- 100 feet.

Appendix B

Methodology for Determining Condition Ratings Using Manual Rating Procedures

Description of Manual Rating Methods

In 2013, the Federal Highway Administration updated existing Manual Rating Procedures in an effort to better align pavement conditions for Manually Rated Routes and Parking with the Highway Pavement Management Application (HPMA). HPMA is the Pavement Management System used by the FHWA to store inventory and condition data from the Road Inventory Program (RIP) and forecast future performance using prediction models. HPMA uses pavement condition data (collected by the Road Inventory Program) to develop life cycles for pavements and recommend treatments to maximize useable pavement life while minimizing costs associated with maintenance and repair.

The Federal Highway Administration (FHWA) developed a set of manual rating methods for pavement that are appropriate for Federal Roadways. Two different methods were developed for linear roads and a separate method was developed for parking areas and nonlinear roads. These methods employ a 0 to 100 rating scale and improve consistency and objectivity in the manual evaluation of surface distresses. They are compatible with ratings that are collected by the automated Data Collection Vehicle (DCV).

- The first of the two manual evaluation methods for roads uses rating criteria to assign index values to each distress type based on a visual evaluation of severity and extent.

- The second manual evaluation method for roads is very time demanding and is best employed on only a select set of routes which may have the highest visitor use and require a more intensive assessment. This method will be used for the Manual Rating of Function Class 1, 2, 7, and 8 Roads. This method is based on measurements that are recorded for each instance of a surface distress. These measurements are converted into index values using conversion formulas.

- Parking areas and non-linear roads are rated similar to the first method shown above, however, there are some slight differences due to the non-linear nature.

The details and criteria used for each of these rating methods are outlined below.

Visual Inspection Method for Manually Rating Secondary Roads

The visual inspection method for manually rated roads uses condition rating criteria that have been developed by FHWA. This criteria is based on a visual evaluation of the severity and extent of distresses to determine the overall condition of the roadway. This method is used for secondary roads that are Functional Class 3, 4, 5, and 6. This constitutes the majority of manually rated roads collected by the Road Inventory Program.

Rating Section Lengths

For this method, Manually Rated Roads are rated in sections. These sections may be made based on length of changes in surface type or condition as described below. The ratings are then aggregated to give an overall rating for the Route:

- Rating sections should be no longer than 0.25 miles in order to keep the area being rated manageable.
- A new rating section may be started based on changes in condition, width, or surface type if these changes represent a significant portion of the route (are not isolated instances).
- If the road condition, width, and surface type remain constant then new sections do not need to be created unless the road exceeds 0.25 miles.

Rating Criteria

For this method, Manually Rated Roads are evaluated using a visual inspection of the six distress types listed below. Each distress is assigned one of five index values. An overall Surface Condition Rating (SCR) and Pavement Condition Rating (PCR) are calculated based on these index values.

- Alligator Cracking
    - Rating based on percentage of road surface affected
- Longitudinal Cracking
    - Rating based on severity level (crack width) and percentage of road section length of longitudinal cracks
- Transverse Cracking
    - Rating based on crack width, crack spacing, and percentage of surface affected
- Patching
    - Rating based on percentage of road surface affected
- Rutting
    - Rating based on percentage of road section length affected by visible rutting (>1 inch depth) that requires remediation
- Roughness
    - Manual assessments of roughness are not made due to the subjectivity of the measurement. Therefore, roughness is not incorporated into the PCR calculation of manually rated roads.

Concrete Routes also receive a PCR rating based on visual evaluation of the following six distress types.

- Slab Faulting at Joints
- Slab Cracking and breakup
- Surface Delamination and Pop-outs
- Joint Distresses
- Patching

Distress Measurement Method for Manually Rating Primary Roads

A more intensive and time demanding assessment than our standard method was developed for Primary roads that are functional class 1, 2, 7, or 8. These high visitation roads are usually accessible by the automated Data Collection Vehicle but in rare instances may need to be manually rated. The method developed is based on measuring each instance of a distress. These measurements are totaled over each section length being measured and are then converted into index values between 0 and 100 (100 being a road with no distress) using index formula equations outlined below. The goal of this method is to produce measured index values which are directly comparable to the automated DCV.

Rating Section Lengths

For the distress measurement method roads are broken into sections in order to rate. Distress measurements are totaled for each section separately in order to determine the index value for that particular section. The section length to be rated is determined based on the following rules:

- Rating sections are between 0.25 and 0.50 miles long
- A new rating section is created if there is a significant change in condition or pavement width
- If there are no significant changes in condition or pavement width, rating sections are broken at equal intervals, typically 0.50 miles

Manual Distress Measurements

Alligator Cracking

- Alligator cracking is measured by area (square feet). Instances of Alligator cracking are measured along the length and multiplied by the average width of the distressed area.
- The index for alligator cracking takes the total area of cracking compared to the interval length and converts it to a percentage. That percentage is then input into an index formula that yields a value between 0 and 100 (0 being the most distressed).
- Severity levels are not defined for manually measured Alligator cracks. The Alligator Crack Index formula is calculated based on an assumption of medium severity.

Longitudinal Cracking

- Longitudinal cracking (cracking in the direction parallel to the roadway) is measured by length (ft.).
- The index for longitudinal cracking takes the total length of cracking compared to the interval length and converts it to a percentage broken down by severity. That percentage is then input into a formula that yields a value between 0 and 100 (0 being the most distressed).
- Two severity levels are defined for manually measured Longitudinal Cracks. Lower severity cracks are those with a mean width of less than 0.25 inches. Sealed cracks with sealant in good condition are also considered lower severity. Higher severity cracks are those with a mean width of greater than 0.25 inches.

Transverse Cracking

- Transverse cracking (cracking in the direction perpendicular to the roadway) is measured by length (ft).
- The index for transverse cracking takes the total number of cracks (1 crack would encompass the full lane) broken down by severity. The total numbers of each severity are then put into a formula that yields a value between 0 and 100 (0 being the most distressed).
- Two severity levels are defined for manually measured Transverse Cracks. Lower severity cracks are those with a mean width of less than or equal to 0.25 inches. Sealed cracks with sealant in

good condition are also considered lower severity. Higher severity cracks are those with a mean width of greater than 0.25 inches.

Patching and Potholes

- Patching and Potholes are measured by area (square feet). Instances of Patching are measured along the length and multiplied by the average width of the patch.
- Instances of full lane width patching cannot be longer than 0.100 miles, otherwise is should be considered a pavement change rather than a distress.
- There are no stratified severities for Patching. It is either present or it is not.

Rutting

- Visible rutting is measured by length (ft.) in each wheel path. Only visible ruts are rated, which are ruts greater than 1 inch deep.
- All rutting recorded in a manual rating is considered to be high severity (> 1 inch). Lesser severities are generally not distinguishable in a visual inspection.

Roughness

- Manual assessments of roughness are not made due to the subjectivity of the measurement. Therefore, roughness is not incorporated into the PCR calculation of manually rated roads.

Index Formulas for Distress Measurement Method:

The method used to convert distress measurements into index values is shown below. The Surface Condition Rating and Pavement Condition Rating are calculated based on these index values.

Alligator Crack Index for Manual Rating:

AC_INDEX = 100 – 40 * (%ALLIGATOR / 15)

Where:

%ALLIGATOR = Percent of total area of section being rated that contains Alligator cracking.

Longitudinal Crack Index for Manual Rating:

LC_INDEX = 100 – 40 * [(%LOW / 175) + (%MED / 75)]

Where:

%LOW = Percent length of longitudinal cracks where crack width less than or equal to 0.25 inches

%HIGH = Percent length of longitudinal cracks where crack width greater than 0.25 inches

Transverse Crack Index for Manual Rating:

TC_INDEX = (100 – 40) * [(LOW / 21.1) + (MED / 4.4)]

Where:

LOW = Count of the total number of transverse cracks within the section length where one transverse crack is equal to the lane width and the crack width <= 0.25 inches

HIGH = Count of the total number of transverse cracks within the section length where one transverse crack is equal to the lane width and the crack width > 0.25 inches

Number of cracks is computed as:

Total length of transverse cracks/Lane width

Patching Index for Manual Rating:

PATCH_INDEX =(100 – 40) * (%PATCHING / 80)

Where:

%PATCHING = Percentage of pavement section that contains patching/potholes.

Rutting Index for Manual Rating:

RUT_INDEX = 100 – 40 * (%RUTTING / 40)

Where:

%RUTTING = Percentage length of high severity rutting within the section being measured.

Method for Manually Rating Paved Parking Areas and Non-Linear Roads

Parking areas are evaluated based on a visual inspection using condition rating criteria that has been developed by FHWA. This criteria is based on a visual evaluation of the severity and extent of distresses to determine the overall condition of the parking area. This overall condition rating is linked to the level of repair and rehabilitation practices required.

A distress index is determined for each of the distresses listed below for Asphalt and Concrete Parking areas. The overall Pavement Condition Rating (PCR) of the parking lot is driven by the most severe distress present.

Rating Criteria:

Asphalt Parking Distress Types

- Alligator Cracking
  - Rating based on percentage of road surface affected
- Longitudinal, Transverse and Block cracking
  - Rating based on crack width, crack spacing, and percentage of surface affected
- Rutting and Distortions
  - Rating based on percentage of road surface affected
- Hot Mix Asphalt Patches
  - Rating based on overall percentage of HMA patches
- Potholes and Cold Patches
  - Rating based on percentage of road surface affected
- Surface Raveling and Bleeding
  - Rating based on percentage of road surface affected

Concrete Parking Distress Types

- Slab Faulting at Joints
  - Rating based on height differential between adjacent slabs or pieces of broken slabs
- Slab Cracking and breakup
  - Rating based on quantity of cracks and if slab is acting to able distribute load as designed
- Surface Delamination and Pop-outs
  - Rating based on percentage of road surface affected to include pop-outs, spalls and surface delamination
- Joint Distresses
  - Rating based on sealant condition and concrete distresses at/or adjacent to joints
- Patching
  - Rating based on percentage of road surface affected

Curb Inspection and Treatments

During inspections of manually rated parking lots and routes, the curb reveal and overall curb condition are evaluated. The curb condition is used to determine a recommendation.

Curb Reveal
The vertical distance on the curb face from the gutter flow line or pavement surface to the top of curb. When resurfacing adjacent to curb, the resulting curb reveal should be no less than 4 inches. Additionally, when resurfacing adjacent to a gutter, the resulting pavement surface should be flush with the gutter pan. In cases where a resurfacing would violate either of these parameters, the surface may need to be milled or removed to adjust to these field conditions.

Curb Recommendations
The following treatment categories are based on the overall percentage of distresses along the entire curb structure for a specific pavement structure. Distresses include spalling, cracking, loss of material and any other damage which prevents the curb from conveying storm runoff or failing to perform in its intended function.

- Overall curb damage ranging 0%-5%:
    - DO NOTHING
- Overall curb damage ranging 5%-20%
    - LIGHT REPAIR
- Overall curb damage ranging 20%-50%
    - MODERATE REPAIR
- Overall curb damage greater than 50%:
    - REPLACE

GPS for Manually Rated Roads and Parking

GPS information for Manually Collected Cycle 6 Routes will be recorded using the latest hardware and software by TRIMBLE 6000 Series GeoXT. Cycle 6 GPS collection units will allow access to GPS and GLONASS, improving overall GPS reliability, accuracy and precision to submeter accuracy. Additionally, the new GPS units have an enhanced ability to collect accurate signals underneath tree cover or adjacent to buildings or natural terrain with extreme vertical gradations that typically reduce GPS accuracy. Trees and buildings create "satellite shadows", limiting the areas where you can reliably collect high-accuracy GPS data. The updated GPS receiver will deliver improved usable data under tree canopy or in natural or urban canyons. Routes that were previously collected accurately will not be recollected in Cycle 6.

TRIMBLE 6000 SERIES GeoXT GPS SPECIFICATIONS	
Receiver	Trimble Maxwell™ 6 GNSS chipset
Channels	220 channels
Systems	GPS / GLONASS / WAAS
Accuracy	Sub-meter
Operation Temperature	–20 °C to +60 °C (–4 ºF to +140 ºF)
Cellular and Wireless	UMTS / HSDPA / GPRS / EDGE / Wi-Fi / Bluetooth
Internal Still Camera w/ GEOTAG ability	Autofocus 5 MP (JPG) and WMV w/ Audio

Appendix C

Description of Cycle 6 Deliverables

Interim Report Delivery

Partial report will be primarily focused on manually collected routes. The report will be released approximately four months after manual collection of parking lots and other manually collected routes to provide NPS an immediate report on the condition of routes collected manually.

The Interim Report Delivery consists of an Interim Report PDF that contains the following:

- Parking lot and manually rated route conditions
- Route ID Reports
- Route ID Changes Report.

Please note that since the Data Collection Vehicle will have not collected data at this point in time, the following will not be in the Interim Report:

- No park summary information will be provided in the report
- No DCV data will be provided in report
- No road logs will be provided in report
- No maps will be provided in report
- Any mileages collected will be approximate

All data provided in the Interim Report will also be included in the Final Report.

Final Report Delivery

The Final Report will contain all data collected by Manual Inspection and the Data Collection Vehicle. All information provided in the Interim Report will be included in the Final report. Manually collected information reported in the Interim Report may be updated in the Final Report if pavement conditions have substantially changed between the Manual Inspection and Data Collection Vehicle Inspection or other unforeseen circumstances.

The final report will be released approximately 8 months after the Data Collection Vehicle completes its collection of that specific park.

Data included in the Final Report package consists of the following:

- **Condition Photos:** All photos taken during Cycle 6.
- **Data Video:** Data and video of each route collected by the DCV will viewable through PATHVIEW software. PATHVIEW Software and training will be provided to NPS personnel by Eastern Federal Lands.
- **GPS on All Rated Routes:** All GPS data collected from the DCV will be provided. Parking areas, some roads, and other paved areas that are not fully drivable with the DCV are collected manually by field technicians. GPS is collected for these routes using portable Trimble GPS units.
    - GPS will be provided as Shapefiles and KMLs
    - All GPS data related to road collection with be linear referenced to the collected length
- **Geodatabase – Background and Metadata:** In addition to this park report, a geodatabase containing both tabular and spatial data specific to this park has been provided.
    - All data disseminated in the preceding report has been obtained from the tables and fields within said geodatabase. The geodatabase can be referenced for tabular data via Microsoft Access or for both tabular and spatial data via ESRI's ArcGIS Suite of software which consists of; ArcMap, ArcCatalog and ArcExplorer.
    - Consolidating the RIP data into one database creates a seamless relationship of tables and geographic data. It allows RIP to facilitate easier updates and enhancements in the future. A geodatabase can be thought of as simply a database containing spatial data. A complete and thorough description of the tables and fields contained within this geodatabase can be found in the metadata. The metadata is attached directly within the geodatabase and can be accessed via ESRI's ArcCatalog.
- **Report (RIP Report and Route ID):** A PDF report will be provided that includes a list of all routes and key data. Condition reports for each route will be included. All changes, additions and deletions to any route will be included in the report. Features along routes will not be collected in Cycle 6.

Partial DCV Collections

Additional Partial DCV Collections may be done on specific parks depending on their size and overall mileage of routes within its boundaries during Cycle 6. Parks with greater than 10 miles of paved roadways will receive at least one additional Partial DCV collection during Cycle 6. Data collected during these Partial DCV Collections will not result in the delivery of an additional report to the park.

Data collected by the DCV during Partial DCV Collection will be used to improve HPMA modeling by providing additional "snapshots in time" of park pavement conditions. This improved HMPA modeling will assist in the programing and budgeting of future projects which will help maximize the life of pavement infrastructures.

Instead of receiving a report of conditions collected during the Partial DCV collection, the park will receive a formal letter from the Road Inventory Program requesting coordination for the additional Partial DCV collection, identifying the dates of the Partial DCV Collection and will reinforce the purpose and importance of the Partial DCV Collection.

Appendix D

Glossary of Terms and Abbreviations

Glossary of Terms and Abbreviations

TERM OR ABBREVIATION	DESCRIPTION OR DEFINITION
AC	Alligator Cracking
CRS	Condition Rating Sheets (Section 5)
Curb Recommendation	Curb remediation based on overall percentage of curb distress
Curb Reveal	Height of curb exposed from gutter flow line to top of curb
DCV	Data Collection Vehicle
Excellent	Excellent rating with an index value of 95 to 100
Fair	Fair rating with an index value from 61 to 84
FUNCT_CLASS	Functional Classification (see Route ID, Section 2)
Good	Good rating with an index value from 85 to 94
IRI	International Roughness Index
HPMA	Highway Pavement Management Application
Lane Width	Width from road centerline to fogline, or from centerline to edge-of-pavement when no fogline exists
LC	Longitudinal Cracking
MRR	Manually Rated Route
MRL	Manually Rated Line
MRP	Manually Rated Polygon
N/A	Not Applicable
NC	Not Collected
PATCH	Patching and Potholes
Paved Width	Width from edge-of-pavement to edge-of-pavement
PCR	Pavement Condition Rating
PKG	Parking Area
Poor	Poor rating with an index value of 0 to 60
RCI	Roughness Condition Index
SC	Structural Cracking
SCR	Surface Condition Rating
TC	Transverse Cracking