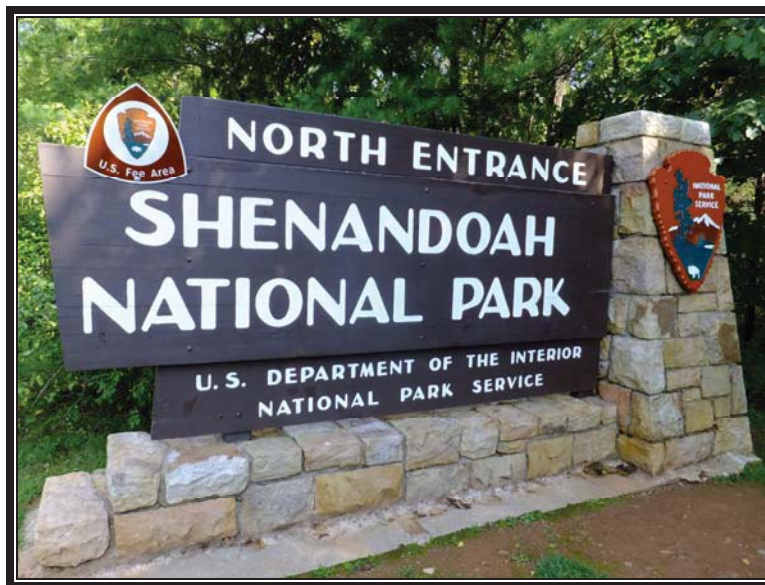




Federal Lands Highway Road Inventory Program

Road Inventory and Condition Assessment

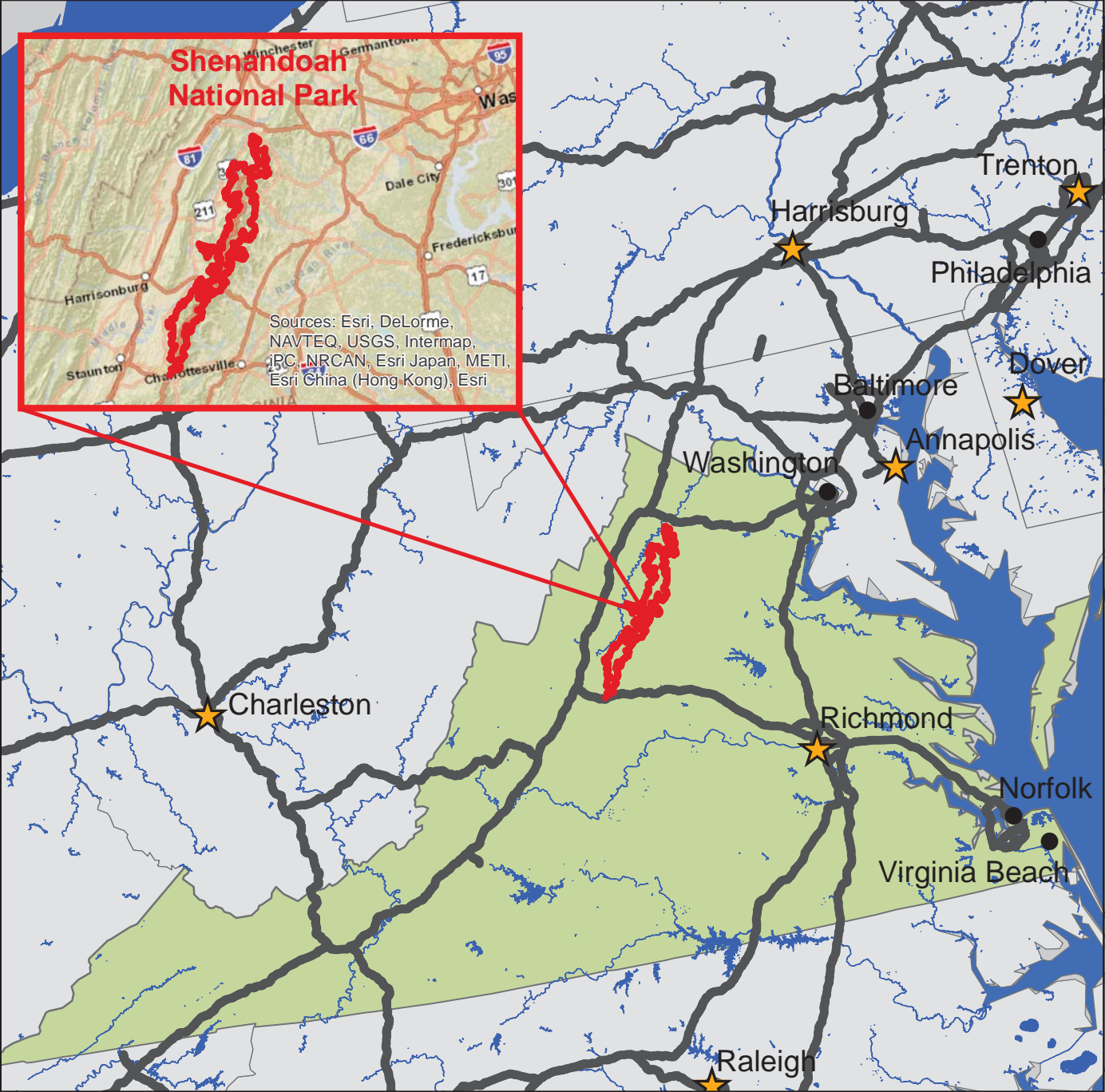


Shenandoah National Park SHEN

Cycle 5 Report

Prepared By: Federal Highway Administration
Road Inventory Program (RIP)
Data Collected: 09/2013
Report Date: 05/2014

Shenandoah National Park in Virginia





DCV = Data Collection Vehicle

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Section 1 Introduction



Shenandoah National Park



Federal Lands Highway
Road Inventory Program

INTRODUCTION

The Federal Highway Administration, (FHWA), in the mid 1970s, was charged with the task of identifying surface condition deficiencies and corrective priorities on National Park Service (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 an MOA (Memorandum Of Agreement) which established the RIP (Road Inventory Program). This MOA was terminated and revised in 1980 to establish a new MOA aiming to update RIP data and develop a long-range program to improve and maintain NPS roads to designated condition standards and establish a maintenance management program.

The FHWA completed this initial phase of the RIP in the early 1980s. As a result of this effort, each NPS site included in the study received a RIP Report known as the “Brown Book” which included the information collected during this first RIP phase.

In the 1990s, the effort was again renewed to update and maintain the RIP data. By this time the computer age was upon us and a process was employed that relied heavily on electronic data collection and computer technology. A cyclical program was developed and the RIP completed two cycles of data collection from 1994 to 2001. Cycle 1, starting in 1994, was conducted in 44 “large parks” (parks containing 10 or more paved route miles). Cycle 2 began in 1997 and comprised 79 large parks and 5 small parks totaling 4,874 paved route miles. Each of these parks received a RIP Report known as the “Blue Book”. Cycle 3, from 2001 to 2004, was conducted in all parks, large and small, that contained any paved routes, including parking areas and, again, each park received a RIP Report and associated electronic files.

Cycle 4 was initiated in the spring of 2006 covering 86 large parks and several associated small parks consisting of 5,553 paved route miles and 6,232 paved parking areas. Data collection has been completed for Cycle 4 and all data has been delivered to the NPS.

In 2005, the FHWA began implementing the use of a Pavement Management System (PMS) to assist the NPS in prioritizing Pavement Maintenance and Rehabilitation activities. The PMS used by FHWA is the Highway Pavement Management Application (HPMA) and this software 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. A regional prioritized list and optimization have been produced for most regions and the Federal Highway Deferred Maintenance is calculated via the HPMA.

In an effort to improve the accuracy of treatment recommendations and pavement condition descriptions, an extensive study was completed throughout 2010 that has resulted in changes to the RIP condition reporting method, specifically the distresses and indexes that comprise the Pavement Condition Rating (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. The changes that were implemented were endorsed by management at both the FHWA and NPS in October 2010. These 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. Because of these changes, the PCR Condition ratings reported in Cycle 5 do not directly relate to the condition ratings reported in previous cycle RIP Reports. For more detailed information about the changes, see Section 3 and Section 10 in this RIP Report.

Cycle 5 has launched in the summer of 2010 and will again comprise all parks, large and small, that are served by paved roads and/or parking areas. For Cycle 5, the decision was made to collect condition data in large parks on Functional Class 1, 2, and 7 paved routes only, as well as any new routes that were previously not collected. In small parks, all paved routes and parking areas will be collected. As a result, this will include 81 large parks with 4,459 paved route miles and 231 small parks with 529 paved route miles and associated paved parking areas.

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 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.

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
(703) 404-6371

FHWA/Central Federal Lands
12300 West Dakota Ave
Lakewood, CO 80228
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Section 2 Park Route Inventory



Shenandoah National Park



**Federal Lands Highway
Road Inventory Program**

Cycle 5 NPS/RIP Route ID Report

Road Inventory Program 05/06/2014

(Numerical By Route #)

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SHEN

SHENANDOAH NATIONAL PARK

Rte. No.	Cycle Collected	FMSS No.	Concess Route	Route Name	From	To	Maint. District	Paved Miles	Un-Paved Miles	Total Route Length	Func. Class	Manual Rated SQ/FT	Surf. Type	Area Maps
0034	5	47005		BIG MEADOWS ENTRANCE ROAD	FROM ROUTE 0010B (SKYLINE DRIVE (CENTRAL)) AT MP 51.36 ON RIGHT	TO INTERSECTION OF ROUTE 0201ZZ (BIG MEADOWS LODGE ACCESS) ON LEFT AND ROUTE 0035ZZ (BIG MEADOWS CAMPGROUND ACCESS ROAD) ON RIGHT	CENTRAL DISTRICT	0.74	0.00	0.74	1		AS	7
0035ZZ	5	51335		BIG MEADOWS CAMPGROUND ACCESS ROADS	FROM INTERSECTION OF ROUTE 0034 (BIG MEADOWS ENTRANCE ROAD) AND ROUTE 0201 (BIG MEADOWS LODGE ACCESS)	TO INTERSECTION OF ROUTE 0531P (BIG MEADOWS NEW CAMPGROUND LOOP A) ON RIGHT, ROUTE 0961G (BIG MEADOWS SHOWER PARKING) ON LEFT AND ROUTE 0532Y (BIG MEADOWS OLD CAMPGROUND LOOP E)	CENTRAL DISTRICT	0.30	0.00	0.30	2		AS	7
0036	5	46995		BIG MEADOWS MAINTENANCE ACCESS AND TRAILER DUMP	FROM ROUTE 0034 (BIG MEADOWS ENTRANCE ROAD) AT MP 0.38 ON RIGHT	TO ROUTE 0965 (BIG MEADOWS MAINTENANCE AREA)	CENTRAL DISTRICT	0.16	0.00	0.16	2		AS	7
0037	4	46303		BIG MEADOWS WWTP ROAD	FROM ROUTE 0034 (BIG MEADOWS ENTRANCE ROAD) AT MP 0.18 ON LEFT	TO DEAD END	CENTRAL DISTRICT	0.23	0.00	0.23	6		AS	7
0038	5	46296		BIG MEADOWS VISITOR CENTER ACCESS ROAD	FROM ROUTE 0010B (SKYLINE DRIVE (CENTRAL)) AT MP 51.12 ON RIGHT	TO ROUTE 0034 (BIG MEADOWS ENTRANCE ROAD)	CENTRAL DISTRICT	0.28	0.00	0.28	1		AS	7
0039	5	2324		LEWIS MOUNTAIN ENTRANCE ROAD	FROM ROUTE 0010B (SKYLINE DRIVE (CENTRAL)) AT MP 57.70 ON LEFT	TO INTERSECTION OF ROUTE 0534A (LEWIS MOUNTAIN CAMPGROUND LOOP A) ON RIGHT AND ROUTE 0534C (LEWIS MOUNTAIN CAMPGROUND LOOP C) ON LEFT	CENTRAL DISTRICT	0.26	0.00	0.26	1		AS	6
0040	5	15336		SWIFT RUN EXIT RAMP	FROM ROUTE 0010B (SKYLINE DRIVE (CENTRAL)) AT MP 65.73 ON RIGHT	TO ROUTE 5009 (U.S. HIGHWAY 33)	CENTRAL DISTRICT	0.31	0.00	0.31	1		AS	8

Cycle 5 NPS/RIP Route ID Report

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(Numerical By Route #)

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SHEN

SHENANDOAH NATIONAL PARK

Rte. No.	Cycle Collected	FMSS No.	Concess Route	Route Name	From	To	Maint. District	Paved Miles	Un-Paved Miles	Total Route Length	Func. Class	Manual Rated SQ/FT	Surf. Type	Area Maps
0041	5	2125		SWIFT RUN ENTRANCE RAMP	FROM ROUTE 5009 (U.S. HIGHWAY 33)	TO ROUTE 0010B (SKYLINE DRIVE (CENTRAL)) AT MP 65.74	CENTRAL DISTRICT	0.30	0.00	0.30	1		AS	8
0076	5	2172		LOFT MOUNTAIN CAMPGROUND ACCESS	FROM ROUTE 0010C (SKYLINE DRIVE (SOUTH)) AT MP 79.69 ON LEFT	TO BEGINNING OF ROUTE 0525A (LOFT MOUNTAIN CAMPGROUND SECTION A) AT THE REGISTRATION STATION AND ROUTE 0525ZZ (LOFT MOUNTAIN CAMPGROUND SECTION H ROADS) ON LEFT	SOUTH DISTRICT	1.46	0.00	1.46	1		AS	9
0100	5	1911		NORTH ENTRANCE RESIDENCE	FROM ROUTE 0010A (SKYLINE DRIVE (NORTH)) AT MP 0.39	TO EAST CRISER ROAD AND PARKVIEW DRIVE	NORTH DISTRICT	0.12	0.00	0.12	2		AS	1
0102	5	48466		DICKEY RIDGE MAINTENANCE LOOP ROAD	FROM ROUTE 1002 (DICKEY RIDGE VISITOR CENTER PARKING)	TO END OF LOOP	NORTH DISTRICT	0.20	0.00	0.20	2		AS	1
0103	NC	1897		SHENK HOLLOW ROAD	FROM ROUTE 5001 (U.S. HIGHWAY 211)	TO PARK BOUNDARY	NORTH DISTRICT	0.00	0.70	0.70	6		GR	
0104	5	2061		HEADQUARTERS ACCESS ROAD	FROM ROUTE 5001 (U.S. HIGHWAY 211)	TO ROUTE 0913 (HEADQUARTERS MAINTENANCE AREA) AT THE MAINTENANCE YARD FENCE	NORTH DISTRICT	0.28	0.00	0.28	1		AS	4
0105	4	46363		HEADQUARTERS RESIDENCE ROAD	FROM INTERSECTION OF ROUTE 0104 (HEADQUARTERS ACCESS ROAD) AT MP 0.20 ON LEFT AND ROUTE 0106 (HQ UPPER NCR ROAD)	TO END OF LOOP	NORTH DISTRICT	0.31	0.00	0.31	5		AS	4
0106	4	46365		HQ UPPER NCR ROAD	FROM INTERSECTION OF ROUTE 0104 (HEADQUARTERS ACCESS ROAD) AT MP 0.20 ON RIGHT AND ROUTE 0105 (HEADQUARTERS RESIDENCE ROAD)	TO BEGINNING OF ROUTE 0423 (HEADQUARTERS RESERVOIR ROAD)	NORTH DISTRICT	0.12	0.00	0.12	5		AS	4

Cycle 5 NPS/RIP Route ID Report

Road Inventory Program 05/06/2014

(Numerical By Route #)

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SHEN

SHENANDOAH NATIONAL PARK

Rte. No.	Cycle Collected	FMSS No.	Concess Route	Route Name	From	To	Maint. District	Paved Miles	Un-Paved Miles	Total Route Length	Func. Class	Manual Rated SQ/FT	Surf. Type	Area Maps
0107	5	48611		PINEY RIVER AREA	FROM ROUTE 0010A (SKYLINE DRIVE (NORTH)) AT MP 22.30 ON LEFT	TO ROUTE 0984E (PINEY RIVER AREA NORTH DISTRICT FIRE/RESCUE CACHE PARKING)	NORTH DISTRICT	0.16	0.00	0.16	2		AS	2
0108	5	15344		THORNTON GAP NORTHBOUND EXIT RAMP	FROM INTERSECTION OF ROUTE 0010A (SKYLINE DRIVE (NORTH)) AT MP 31.61 AND ROUTE 0010B (SKYLINE DRIVE (CENTRAL))	TO ROUTE 5001 (U.S. HIGHWAY 211)	NORTH DISTRICT	0.18	0.00	0.18	1		AS	3
0109	5	103504		THORNTON GAP MAIN ENTRANCE RAMP	FROM ROUTE 5001 (U.S. HIGHWAY 211)	TO ROUTE 0010B (SKYLINE DRIVE (CENTRAL))	NORTH DISTRICT	0.39	0.00	0.39	1		AS	3
0110	5	15343		THORNTON GAP ENTRANCE RAMP NORTHBOUND	FROM ROUTE 0109 (THORNTON GAP MAIN ENTRANCE RAMP)	TO ROUTE 0010A (SKYLINE DRIVE (NORTH)) AT MP 31.47 ON LEFT	NORTH DISTRICT	0.12	0.00	0.12	1		AS	3
0111	5	15346		THORNTON GAP EXIT RAMP SOUTHBOUND	FROM ROUTE 0010A (SKYLINE DRIVE (NORTH)) AT MP 31.56 ON RIGHT	TO ROUTE 0108 (THORNTON GAP NORTHBOUND EXIT RAMP)	NORTH DISTRICT	0.25	0.00	0.25	1		AS	3
0174	5	103531		SIMMONS GAP RANGER STATION / RESIDENCE ROAD	FROM END OF ROUTE 0175 (SIMMONS GAP AREA RANGER STATION / MAINTENANCE AREA) ON RIGHT	TO DEAD END (DRIVEWAY)	SOUTH DISTRICT	0.13	0.00	0.13	2		AS	8
0175	5	2138		SIMMONS GAP AREA RANGER STATION / MAINTENANCE AREA	FROM ROUTE 0010C (SKYLINE DRIVE (SOUTH)) AT MP 73.36 ON LEFT	TO ROUTE 0936 (SIMMONS GAP MAINTENANCE PARKING) AND 0174 (SIMMONS GAP RANGER STATION / RESIDENCE ROAD) ON RIGHT	SOUTH DISTRICT	0.19	0.00	0.19	2		AS	8
0176	4	48979		LOFT MOUNTAIN RESIDENCE ROAD	FROM ROUTE 0938 (LOFT MOUNTAIN CAMP STORE AND RESIDENCE PARKING)	TO RESIDENCES	SOUTH DISTRICT	0.00	0.00	0.00	5	4,118	AS	9
0200A	5	2201		DUNDO PICNIC GROUND LOOP A	FROM ROUTE 0010C (SKYLINE DRIVE (SOUTH)) AT MP 83.98 ON LEFT	TO END OF LOOP	SOUTH DISTRICT	0.39	0.00	0.39	2		AS	10

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SHENANDOAH NATIONAL PARK

Rte. No.	Cycle Collected	FMSS No.	Concess Route	Route Name	From	To	Maint. District	Paved Miles	Un-Paved Miles	Total Route Length	Func. Class	Manual Rated SQ/FT	Surf. Type	Area Maps
0200B	5	48941		DUNDO PICNIC GROUND LOOP B	FROM ROUTE 0200A (DUNDO AREA CAMPGROUND LOOP A) AT MP 0.20 ON RIGHT	TO ROUTE 0200A (DUNDO AREA CAMPGROUND LOOP A) AT MP 0.21	SOUTH DISTRICT	0.08	0.00	0.08	2		AS	10
0201ZZ	5	103685		BIG MEADOWS LODGE ACCESS	FROM INTERSECTION OF ROUTE 0035ZZ (BIG MEADOWS CAMPGROUND ACCESS ROADS) AND ROUTE 0034 (BIG MEADOWS ENTRANCE ROAD)	TO END OF LOOP	CENTRAL DISTRICT	0.84	0.00	0.84	2		AS	7
0400	NC	1905		SNEAD FARM ROAD	FROM ROUTE 0010A (SKYLINE DRIVE (NORTH))	TO END OF ROUTE	NORTH DISTRICT	0.00	0.76	0.76	6		GR	
0401	NC	1919		DICKEY RIDGE RESERVOIR ROAD	FROM ROUTE 0400 (SNEAD FARM ROAD)	TO END OF ROUTE	NORTH DISTRICT	0.00	0.97	0.97	6		GR	
0403	NC	1898		LANDS RUN ROAD	FROM ROUTE 0010A (SKYLINE DRIVE (NORTH)) AT MP 9.30	TO PARK BOUNDARY	NORTH DISTRICT	0.00	1.90	1.90	6		GR	
0404	NC	1899		COMPTON GAP ROAD	FROM ROUTE 0010A (SKYLINE DRIVE (NORTH)) AT MP 10.30	TO APPALACHIAN TRAIL	NORTH DISTRICT	0.00	0.50	0.50	6		GR	
0405	NC	1902		INDIAN RUN SHELTER ROAD	FROM ROUTE 0404 (COMPTON GAP ROAD)	TO SHELTER	NORTH DISTRICT	0.00	0.36	0.36	6		GR	
0409	NC	1903		GRAVEL SPRINGS ROAD	FROM ROUTE 0010A (SKYLINE DRIVE (NORTH)) AT MP 17.70	TO SHELTER	NORTH DISTRICT	0.00	0.40	0.40	6		GR	
0410	NC	2047		HOGBACK RADIO TOWER ROAD	FROM ROUTE 0010A (SKYLINE DRIVE (NORTH))	TO RADIO TOWER	NORTH DISTRICT	0.00	0.17	0.17	6		GR	
0411	NC	1904		RANGE VIEW CABIN ROAD	FROM ROUTE 0984B (PINEY RIVER AREA RANGER STATION PARKING)	TO CABIN	NORTH DISTRICT	0.00	0.54	0.54	6		GR	
0412	NC	56723		MATHEWS ARM STORAGE ROAD	FROM ROUTE 0501B (MATHEWS ARM CAMPGROUND LOOP B)	TO MATHEWS ARM TRAIL	NORTH DISTRICT	0.00	0.75	0.75	6		GR	
0413ZZ	4	1985		MATHEWS ARM WWTP ROADS	FROM ROUTE 0012 (MATHEWS ARM ENTRANCE ROAD) AT MP 0.69 ON LEFT	TO ROUTE 1082 (MATHEWS ARM WWTP PARKING)	NORTH DISTRICT	0.61	0.44	1.05	6		AS	2

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SHENANDOAH NATIONAL PARK

Rte. No.	Cycle Collected	FMSS No.	Concess Route	Route Name	Route Description From To	Maint. District	Paved Miles	Un-Paved Miles	Total Route Length	Func. Class	Manual Rated SQ/FT	Surf. Type	Area Maps
0414	NC	1988		MATHEWS ARM PUMPHOUSE ROAD	FROM ROUTE 0413AZ TO PUMP HOUSE MA17-14 (MATHEWS ARM WWTP ROAD)	NORTH DISTRICT	0.00	0.24	0.24	6		GR	
0417	NC	1900		KEYSER RUN ROAD	FROM ROUTE 0010A TO PARKING (SKYLINE DRIVE (NORTH)) AT MP 20.40	NORTH DISTRICT	0.00	4.37	4.37	6		GR	
0418	NC	1932		PINEY RIVER RESERVOIR ROAD	FROM ROUTE 0107 (PINEY RIVER AREA) TO RESERVOIR	NORTH DISTRICT	0.00	0.16	0.16	6		GR	
0419	NC	1906		BYRDS NEST 4	FROM ROUTE 0010A TO SHELTER (SKYLINE DRIVE (NORTH)) AT MP 28.20	NORTH DISTRICT	0.00	0.40	0.40	6		GR	
0420	NC	1907		PASS MT. STORAGE ROAD	FROM ROUTE 0010A TO END (SKYLINE DRIVE (NORTH)) AT MP 30.30	NORTH DISTRICT	0.00	0.31	0.31	6		GR	
0421	NC	1901		PASS MT SHELTER	FROM ROUTE 0010A TO SHELTER (SKYLINE DRIVE (NORTH)) AT MP 31.50	NORTH DISTRICT	0.00	1.52	1.52	6		GR	
0422	NC	2051		PANORAMA RESERVOIR ROAD	FROM ROUTE 0421 (PASS MT SHELTER) TO RESERVOIR	NORTH DISTRICT	0.00	0.08	0.08	6		GR	
0423	NC	2062		HEADQUARTERS RESERVOIR ROAD	FROM END OF ROUTE 0106 TO RESERVOIR (HQ UPPER NCR ROAD)	NORTH DISTRICT	0.00	0.26	0.26	6		GR	
0430	NC	1909		PANORAMA WELL ROAD	FROM ROUTE 5001 (U.S. HIGHWAY 211) TO WELL	CENTRAL DISTRICT	0.00	0.25	0.25	6		GR	
0433	NC	2377		BYRDS NEST 3	FROM ROUTE 0010B TO SHELTER (SKYLINE DRIVE (CENTRAL)) AT MP 33.90	CENTRAL DISTRICT	0.00	0.38	0.38	6		GR	
0434	NC	2228		PINNACLES STORAGE ROAD	FROM ROUTE 0010B TO STORAGE AREA (SKYLINE DRIVE (CENTRAL)) AT MP 37.20	CENTRAL DISTRICT	0.00	0.04	0.04	6		GR	
0435	4	2226		SHENANDOAH RESEARCH AND RESOURCE CENTER	FROM ROUTE 0010B TO END OF LOOP AT MP 0.19 (SKYLINE DRIVE (CENTRAL)) AT MP 37.53 ON RIGHT	CENTRAL DISTRICT	0.13	0.06	0.19	6		AS	4
0436	NC	2227		PINNACLES RESERVOIR ROAD	FROM ROUTE 0435 TO RESERVOIR (SHENANDOAH RESEARCH AND RESOURCE CENTER)	CENTRAL DISTRICT	0.00	0.19	0.19	6		GR	
0437	NC	2246		SKYLAND FIRE ROAD	FROM ROUTE 0033 TO PARK BOUNDARY AT (SKYLAND LOWER LOOP) STATE ROUTE 672	CENTRAL DISTRICT	0.00	3.18	3.18	6		GR	
0438	NC	2245		SKYLAND RESERVOIR ROAD	FROM ROUTE 0033 TO RESERVOIR (SKYLAND LOWER LOOP)	CENTRAL DISTRICT	0.00	0.08	0.08	6		GR	

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SHENANDOAH NATIONAL PARK

Rte. No.	Cycle Collected	FMSS No.	Concess Route	Route Name	Route Description From To	Maint. District	Paved Miles	Un-Paved Miles	Total Route Length	Func. Class	Manual Rated SQ/FT	Surf. Type	Area Maps
0439ZZ	4	52573		SKYLAND STABLES AND WWTP ROADS	FROM ROUTE 0032 (SKYLAND UPPER LOOP) AT MP 0.78 ON RIGHT TO END OF ROUTE	CENTRAL DISTRICT	0.22	0.00	0.22	5		AS	5
0440	NC	2248		SKYLAND WELLHOUSE 1 ROAD	FROM ROUTE 0437 (SKYLAND FIRE ROAD) TO PUMP HOUSE SK17-37	CENTRAL DISTRICT	0.00	0.05	0.05	6		GR	
0441	NC	2358		BUSHY TOP TELEPHONE ROAD	FROM ROUTE 0033 (SKYLAND LOWER LOOP) TO NEW BUILDING	CENTRAL DISTRICT	0.00	0.22	0.22	5		GR	
0442	NC	2360		OLD RAG FIRE ROAD	FROM ROUTE 0010B (SKYLINE DRIVE (CENTRAL)) AT MP 43.00 TO ROUTE 0443 (BERRY HOLLOW FIRE ROAD)	CENTRAL DISTRICT	0.00	5.20	5.20	6		GR	
0443	NC	2342		BERRY HOLLOW FIRE ROAD	FROM ROUTE 0444 (WEAKLEY HOLLOW ROAD) AND ROUTE 0442 (OLD RAG FIRE ROAD) TO PARK BOUNDARY AT STATE ROUTE 600	CENTRAL DISTRICT	0.00	0.85	0.85	6		GR	
0444	NC	2346		WEAKLEY HOLLOW ROAD	FROM ROUTE 0442 (OLD RAG FIRE ROAD) AND ROUTE 0443 (BERRY HOLLOW FIRE ROAD) NORTH TO PARK BOUNDARY	CENTRAL DISTRICT	0.00	2.33	2.33	6		GR	
0445	NC	2348		WHITE OAK RANGER STATION ROAD	FROM ROUTE 0442 (OLD RAG FIRE ROAD) TO RANGER STATION	CENTRAL DISTRICT	0.00	0.05	0.05	6		GR	
0446	NC	2367		OLD RAG SHELTER	FROM ROUTE 0443 (BERRY HOLLOW FIRE ROAD) TO SHELTER	CENTRAL DISTRICT	0.00	0.40	0.40	6		GR	
0448	NC	2368		WHITE OAK CANYON ROAD	FROM ROUTE 0010B (SKYLINE DRIVE (CENTRAL)) AT MP 45.00 TO STREAM	CENTRAL DISTRICT	0.00	1.70	1.70	6		GR	
0449	NC	2376		BYRDS NEST 2	FROM ROUTE 0010B (SKYLINE DRIVE (CENTRAL)) AT MP 47.39 TO SHELTER	CENTRAL DISTRICT	0.00	0.88	0.88	6		GR	
0450	NC	2369		ROCK SPRING CABIN ROAD	FROM ROUTE 0010B (SKYLINE DRIVE (CENTRAL)) AT MP 47.80 TO CABIN	CENTRAL DISTRICT	0.00	0.35	0.35	6		GR	
0451	NC	2361		RED GATE ROAD	FROM ROUTE 0010B (SKYLINE DRIVE (CENTRAL)) AT MP 49.65 ON RIGHT TO WEST PARK BOUNDARY (VA STATE 611)	CENTRAL DISTRICT	0.00	4.82	4.82	6		GR	
0452	NC	2372		ROSE RIVER ROAD	FROM ROUTE 0010B (SKYLINE DRIVE (CENTRAL)) AT MP 49.65 ON LEFT TO EAST PARK BOUNDARY (VA STATE 670)	CENTRAL DISTRICT	0.00	6.50	6.50	6		GR	

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SHEN

SHENANDOAH NATIONAL PARK

Rte. No.	Cycle Collected	FMSS No.	Concess Route	Route Name	Route Description From To	Maint. District	Paved Miles	Un-Paved Miles	Total Route Length	Func. Class	Manual Rated SQ/FT	Surf. Type	Area Maps
0453	NC	46798		BIG MEADOWS AIR QUALITY ROAD	FROM ROUTE 0036 (BIG MEADOWS MAINTENANCE ACCESS AND TRAILER DUMP) TO AIR QUALITY STATION	CENTRAL DISTRICT	0.00	0.14	0.14	6		GR	
0454	NC	2267		BIG MEADOWS RESERVOIR ACCESS	FROM ROUTE 0201ZZ (BIG MEADOWS LODGE ACCESS) TO RESERVOIR	CENTRAL DISTRICT	0.00	0.11	0.11	6		GR	
0455	NC	2363		RAPIDAN FIRE ROAD	FROM ROUTE 0010B (SKYLINE DRIVE (CENTRAL)) AT MP 51.20 TO PARK BOUNDARY	CENTRAL DISTRICT	0.00	7.49	7.49	6		GR	
0456	NC	2269		BIG MEADOWS BONEYARD ROAD	FROM ROUTE 0455 (RAPIDAN FIRE ROAD) TO END OF LOOP	CENTRAL DISTRICT	0.00	0.52	0.52	6		GR	
0457	NC	49150		CAMP HOOVER ROAD	FROM ROUTE 0455 (RAPIDAN FIRE ROAD) TO CAMP HOOVER	CENTRAL DISTRICT	0.00	0.93	0.93	6		GR	
0460	NC	2356		JUDGE BERRY'S SIDE OF CHAMPMAN MT	FROM ROUTE 0549 (LOWER RAPIDIAN ROAD) TO STATE ROUTE 649	CENTRAL DISTRICT	0.00	0.50	0.50	4		GR	
0461	NC	2362		LEWIS SPRING PUMPHOUSE	FROM ROUTE 0010B (SKYLINE DRIVE (CENTRAL)) AT MP 51.30 TO PUMP HOUSE	CENTRAL DISTRICT	0.00	0.27	0.27	6		GR	
0462	NC	2357		TANNERS-RIDGE ROAD	FROM ROUTE 0010B (SKYLINE DRIVE (CENTRAL)) AT MP 51.77 TO PARK BOUNDARY AND ROUTE 5005 (SR 682 (TANNERS RIDGE ROAD))	CENTRAL DISTRICT	0.00	1.17	1.17	6		GR	
0463	4	46259		BIG MEADOWS RESIDENCE ROAD	FROM ROUTE 0034 (BIG MEADOWS ENTRANCE ROAD) AT MP 0.40 ON LEFT TO DEAD END (CUL-DE-SAC TURN AROUND)	CENTRAL DISTRICT	0.27	0.00	0.27	5		AS	7
0464	NC	2370		BEAFENCE SHELTER ACCESS ROAD	FROM ROUTE 0010B (SKYLINE DRIVE (CENTRAL)) AT MP 56.80 TO SHELTER	CENTRAL DISTRICT	0.00	0.50	0.50	6		GR	
0465	NC	2371		POCOSIN ROAD	FROM ROUTE 0010B (SKYLINE DRIVE (CENTRAL)) AT MP 59.77 TO PARK BOUNDARY	CENTRAL DISTRICT	0.00	2.52	2.52	6		GR	
0466	NC	2336		SOUTH RIVER STORAGE	FROM ROUTE 0010B (SKYLINE DRIVE (CENTRAL)) AT MP 61.50 TO STORAGE	CENTRAL DISTRICT	0.00	0.05	0.05	6		GR	
0467	NC	2366		DRY RUN FALLS ROAD	FROM ROUTE 0010B (SKYLINE DRIVE (CENTRAL)) AT MP 62.70 ON RIGHT TO WEST PARK BOUNDARY	CENTRAL DISTRICT	0.00	2.05	2.05	6		GR	

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SHENANDOAH NATIONAL PARK

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0468	NC	11886		SOUTH RIVER FIRE ROAD	FROM ROUTE 0010B (SKYLINE DRIVE (CENTRAL)) AT MP 62.70 ON LEFT TO EAST PARK BOUNDARY	CENTRAL DISTRICT	0.00	1.40	1.40	6		GR	
0469	NC	2373		DEAN CEMETERY ROAD	FROM ROUTE 0010B (SKYLINE DRIVE (CENTRAL)) AT MP 63 ON RIGHT TO CEMETERY	CENTRAL DISTRICT	0.00	0.11	0.11	5		GR	
0470	NC	2335		SOUTH RIVER SHELTER ROAD	FROM ROUTE 0010B (SKYLINE DRIVE (CENTRAL)) AT MP 63.00 TO SHELTER	CENTRAL DISTRICT	0.00	0.50	0.50	6		GR	
0475	NC	48951		MAIDEN CEMETERY ROAD	FROM STATE ROUTE 628 TO CEMETERY	SOUTH DISTRICT	0.00	0.27	0.27	5		GR	
0476	NC	50552		LOWER SWIFT RUN ROAD	FROM STATE ROUTE 33 TO STATE ROUTE 33	SOUTH DISTRICT	0.00	0.46	0.46	6		GR	
0477	NC	48981		SWIFT RUN STONE STORAGE ROAD	FROM STATE ROUTE 33 TO STORAGE	SOUTH DISTRICT	0.00	0.18	0.18	6		GR	
0478	NC	48946		SWIFT RUN SPRING HOUSE ROAD	FROM ROUTE 0477 (SWIFT RUN STONE STORAGE ROAD) TO SPRING HOUSE	SOUTH DISTRICT	0.00	0.17	0.17	6		GR	
0479	NC	48972		SMITH ROACH GAP ROAD	FROM ROUTE 0010C (SKYLINE DRIVE (SOUTH)) AT MP 68.60 TO EAST PARK BOUNDARY	SOUTH DISTRICT	0.00	0.79	0.79	6		GR	
0480	NC	48955		HIGH TOP SHELTER ROAD	FROM ROUTE 0479 (SMITH ROACH GAP ROAD) TO SHELTER	SOUTH DISTRICT	0.00	0.80	0.80	6		GR	
0481	NC	48950		EATON HOLLOW STORAGE ROAD	FROM ROUTE 0010C (SKYLINE DRIVE (SOUTH)) AT MP 70.60 TO STORAGE AREA	SOUTH DISTRICT	0.00	0.11	0.11	6		GR	
0482	NC	48990		BELDRE HOLLOW ROAD	FROM ROUTE 0010C (SKYLINE DRIVE (SOUTH)) TO WEST PARK BOUNDARY	SOUTH DISTRICT	0.00	1.45	1.45	6		GR	
0483	NC	48989		SIMMONS GAP ROAD EAST	FROM ROUTE 0175 (SIMMONS GAP AREA RANGER STATION / MAINTENANCE AREA) TO EAST PARK BOUNDARY	SOUTH DISTRICT	0.00	0.70	0.70	6		GR	
0484	NC	48945		PINEFIELD SHELTER ROAD	FROM ROUTE 0010C (SKYLINE DRIVE (SOUTH)) AT MP 75.30 TO SHELTER	SOUTH DISTRICT	0.00	0.05	0.05	6		GR	
0485	NC	48971		LOFT MOUNTAIN PUMPHOUSE	FROM ROUTE 0010C (SKYLINE DRIVE (SOUTH)) AT MP 79.30 TO PUMP HOUSE	SOUTH DISTRICT	0.00	0.40	0.40	6		GR	

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SHENANDOAH NATIONAL PARK

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0486	NC	48952		IVY CREEK SHELTER	FROM ROUTE 0485 (LOFT MOUNTAIN PUMPHOUSE) TO SHELTER	SOUTH DISTRICT	0.00	0.40	0.40	6		GR	
0487	NC	48984		LOFT MOUNTAIN WWTP	FROM WAYSIDE PARKING TO TREATMENT PLANT	SOUTH DISTRICT	0.00	0.23	0.23	6		GR	
0488	NC	48957		MADISON RUN	FROM ROUTE 0010C (SKYLINE DRIVE (SOUTH)) TO PARK BOUNDARY AT MP 82.90	SOUTH DISTRICT	0.00	5.03	5.03	6		GR	
0489	NC	48956		BROWN GAP ROAD	FROM ROUTE 0010C (SKYLINE DRIVE (SOUTH)) TO PARK BOUNDARY AT MP 82.90 ON LEFT	SOUTH DISTRICT	0.00	3.20	3.20	6		GR	
0490	NC	48953		BLACK ROCK SHELTER ROAD	FROM ROUTE 0944 (BLACKROCK SUMMIT PARKING AREA) TO SHELTER	SOUTH DISTRICT	0.00	0.80	0.80	6		GR	
0491	NC	48942		NORTH FORK MOORMANS RIVER ROAD	FROM ROUTE 0010C (SKYLINE DRIVE (SOUTH)) TO PARK BOUNDARY AT MP 87.40	SOUTH DISTRICT	0.00	1.05	1.05	6		GR	
0492	NC	48988		GASLINE ROAD	FROM ROUTE 0010C (SKYLINE DRIVE (SOUTH)) TO PARK BOUNDARY AT MP 96.20	SOUTH DISTRICT	0.00	1.80	1.80	6		GR	
0493	NC	48949		BUCKS ELBOW MOUNTAIN ROAD	FROM ROUTE 0010C (SKYLINE DRIVE (SOUTH)) TO PARK BOUNDARY AT MP 96.70	SOUTH DISTRICT	0.00	0.60	0.60	6		GR	
0494	NC	48947		SAWMILL RUN ACCESS ROAD	FROM BOUNDARY AT STATE ROUTE 619 TO END OF ROUTE	SOUTH DISTRICT	0.00	0.10	0.10	6		GR	
0496	NC	2365		CONWAY RIVER ROAD	FROM ROUTE 0010B (SKYLINE DRIVE (CENTRAL)) AT MP 55.10 TO PARK BOUNDARY	CENTRAL DISTRICT	0.00	1.00	1.00	6		GR	
0497	NC	50492		SOUTH RIVER FALLS ROAD	FROM ROUTE 0468 (SOUTH RIVER ROAD) TO FALLS	CENTRAL DISTRICT	0.00	0.90	0.90	6		GR	
0498	NC	48944		SOUTH FORK MOORMANS RIVER ROAD	FROM ROUTE 0010C (SKYLINE DRIVE (SOUTH)) TO PARK BOUNDARY AT MP 96.80	SOUTH DISTRICT	0.00	2.80	2.80	6		GR	
0500	4	32429		DICKEY RIDGE PICNIC ROAD	FROM ROUTE 1002 (DICKEY RIDGE VISITOR CENTER PARKING) TO ROUTE 0010A (SKYLINE DRIVE (NORTH)) AT MP 5.11	NORTH DISTRICT	0.34	0.00	0.34	3		AS	1
0501A	4	45763		MATHEWS ARM CAMPGROUND LOOP A	FROM END OF ROUTE 0012 (MATHEWS ARM ENTRANCE ROAD) AT YELLOW GATE AND ROUTE 0501C (MATHEWS ARM CAMPGROUND LOOP C) TO ROUTE 0501B (MATHEWS ARM CAMPGROUND LOOP B)	NORTH DISTRICT	0.51	0.00	0.51	3		AS	2

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SHEN

SHENANDOAH NATIONAL PARK

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0534C	4	103799		LEWIS MOUNTAIN CAMPGROUND LOOP C	FROM INTERSECTION OF ROUTE 0039 (LEWIS MOUNTAIN ENTRANCE ROAD) ON LEFT AND ROUTE 0534A (LEWIS MOUNTAIN CAMPGROUND LOOP A) ON RIGHT	TO ROUTE 0534A (LEWIS MOUNTAIN CAMPGROUND LOOP A)	CENTRAL DISTRICT	0.05	0.00	0.05	3		AS	6
0535	4	32479		LEWIS MOUNTAIN PICNIC AREA ROAD	FROM ROUTE 0039 (LEWIS MOUNTAIN ENTRANCE ROAD) AT MP 0.11	TO ROUTE 0039 (LEWIS MOUNTAIN ENTRANCE ROAD) AT MP 0.05	CENTRAL DISTRICT	0.24	0.00	0.24	3		AS	6
0536ZZ	4	2334		SOUTH RIVER PICNIC AREA ROADS	FROM ROUTE 0010B (SKYLINE DRIVE (CENTRAL))	TO END OF LOOP	CENTRAL DISTRICT	0.54	0.00	0.54	3		AS	8
0537	NC	1920		DICKEY RIDGE WELLHOUSE ROAD	FROM ROUTE 0400 (SNEAD FARM ROAD)	TO WELL HOUSE	NORTH DISTRICT	0.00	0.13	0.13	6		OT	
0538	NC	93711		ELKWALLOW RESERVOIR ROAD	FROM ROUTE 0010A ((SKYLINE DRIVE (NORTH)) MP 24 EAST SIDE	TO RESERVOIR	NORTH DISTRICT	0.00	0.18	0.18	6		GR	
0539	NC	93713		THORNTON GAP SEPTIC ROAD	FROM ROUTE 0010B (SKYLINE DRIVE (CENTRAL))	TO SEPTIC TANK	CENTRAL DISTRICT	0.00	0.05	0.05	6		OT	
0540	NC	2247		SKYLAND WELLHOUSE ROAD	FROM ROUTE 0032 (SKYLAND UPPER LOOP)	TO WELLS 2 AND 6	CENTRAL DISTRICT	0.00	0.06	0.06	6		OT	
0541	NC	2200		DUNDO RESERVOIR ROAD	FROM ROUTE 0010C (SKYLINE DRIVE (SOUTH)) AT MP 84.70 ON LEFT	TO RESERVOIR	SOUTH DISTRICT	0.00	0.12	0.12	6		OT	
0542	NC	38279		FIRING RANGE ROAD	FROM STATE ROUTE 211 ACROSS FROM HEADQUARTERS	TO FIRING RANGE	CENTRAL DISTRICT	0.00	0.05	0.05	6		OT	
0543	NC	107651		CRIMORA LAKE STORAGE ROAD	FROM ROUTE 0010C (SKYLINE DRIVE (SOUTH)) AT MP 92.4 AT THE GATE	TO BONEYARD	SOUTH DISTRICT	0.00	0.21	0.21	6		OT	
0544	NC	2052		THORNTON GAP WWTP ROAD	FROM STATE ROUTE 211 AT THORNTON GAP (EAST SIDE)	TO WASTE WATER TREATMENT	CENTRAL DISTRICT	0.00	0.10	0.10	6		OT	
0545	NC	2380		FORK MOUNTAIN ROAD	FROM ROUTE 0455 (RAPIDAN FIRE ROAD)	TO FAA TOWER	CENTRAL DISTRICT	0.00	4.85	4.85	5		OT	
0546	NC	99900		SKYLAND SPRINGHOUSE ROAD	FROM ROUTE 0437 (SKYLAND FIRE ROAD)	TO PUMPHOUSE SK17-02	CENTRAL DISTRICT	0.00	0.05	0.05	6		OT	

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SHENANDOAH NATIONAL PARK

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0547	NC	93714		LAUREL PRONG ROAD	FROM ROUTE 0457 (CAMP HOOVER ROAD) TO RESERVOIR	CENTRAL DISTRICT	0.00	0.25	0.25	6		OT	
0548	NC	52917		LOFT MOUNTAIN BONEYARD STORAGE ROAD	FROM ROUTE 0076 (LOFT MOUNTAIN CAMPGROUND ACCESS) TO STORAGE AREA	SOUTH DISTRICT	0.00	0.22	0.22	6		OT	
0549	NC	115317		LOWER RAPIDIAN ROAD	FROM WILDLIFE MANAGEMENT AREA BOUNDARY TO ROUTE 0460 (JUDGE BERRY'S SIDE OF CHAMPMAN MT)	CENTRAL DISTRICT	0.00	1.26	1.26	4		OT	
0550	NC	115318		BLAKEY RIDGE FIRE ROAD	FROM ROUTE 0460 (JUDGE BERRY'S SIDE OF CHAMPMAN MT) TO PARK BOUNDARY	CENTRAL DISTRICT	0.00	0.54	0.54	6		OT	
0551	NC	106728		PINNACLES TOWER TELEPHONE ROAD	FROM ROUTE 0435 (SHENANDOAH RESEARCH AND RESOURCE CENTER) TO TOWERS	CENTRAL DISTRICT	0.00	0.14	0.14	6		OT	
0552	NC	93719		SIMMONS GAP RESERVOIR ROAD	FROM ROUTE 0958A (SIMMONS GAP RANGER STATION PARKING AREA A) TO RESERVOIR	SOUTH DISTRICT	0.00	0.14	0.14	6		GR	
0553	NC	93724		BEAR DEN MOUNTAIN ROAD	FROM ROUTE 0010C (SKYLINE DRIVE (SOUTH)) MP 101 WEST TO TOWER SITE	SOUTH DISTRICT	0.00	1.00	1.00	6		GR	
0600	NC	94566		DICKEY RIDGE SEPTIC TANK ROAD	FROM ROUTE 0102 (DICKEY RIDGE MAINTENANCE LOOP ROAD) TO SEPTIC TANK	NORTH DISTRICT	0.00	0.05	0.05	8		GR	
0901	4	56357		LANDS RUN PARKING	FROM ROUTE 0010A (SKYLINE DRIVE (NORTH)) AT MP 9.27 ON RIGHT TO PARKING	NORTH DISTRICT	0.00	0.00	0.00		8,880	AS	1
0902	4	56359		COMPTON GAP PARKING	FROM ROUTE 0010A (SKYLINE DRIVE (NORTH)) AT MP 10.53 ON LEFT TO PARKING	NORTH DISTRICT	0.00	0.00	0.00		6,909	AS	1
0903	4	56360		JENKINS GAP PARKING	FROM ROUTE 0010A (SKYLINE DRIVE (NORTH)) AT MP 12.49 ON RIGHT TO PARKING	NORTH DISTRICT	0.00	0.00	0.00		11,082	AS	1
0904	4	56362		MOUNT MARSHALL TRAIL PARKING	FROM ROUTE 0010A (SKYLINE DRIVE (NORTH)) AT MP 16.05 ON LEFT TO PARKING	NORTH DISTRICT	0.00	0.00	0.00		3,743	AS	1
0905	4	56364		GRAVEL SPRINGS GAP PARKING	FROM ROUTE 0010A (SKYLINE DRIVE (NORTH)) AT MP 17.73 ON LEFT TO PARKING	NORTH DISTRICT	0.00	0.00	0.00		4,845	AS	1

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0906	4	56365		KEYSER RUN PARKING	FROM ROUTE 0010A (SKYLINE DRIVE (NORTH)) TO PARKING AT MP 19.54 ON LEFT	NORTH DISTRICT	0.00	0.00	0.00		8,530	AS	1
0907	4	56366		HOGBACK PARKING	FROM ROUTE 0010A (SKYLINE DRIVE (NORTH)) TO PARKING AT MP 21.28 ON RIGHT	NORTH DISTRICT	0.00	0.00	0.00		6,165	AS	2
0908	4	2021		ELKWALLOW WAYSIDE LOOP	FROM ROUTE 0010A (SKYLINE DRIVE (NORTH)) TO ROUTE 0010A (SKYLINE DRIVE (NORTH)) AT MP 24.18 ON RIGHT AT MP 24.23	NORTH DISTRICT	0.00	0.00	0.00		69,072	AS	2
0909	4	56367		THORNTON RIVER TRAIL PARKING	FROM ROUTE 0010A (SKYLINE DRIVE (NORTH)) TO ROUTE 0010A (SKYLINE DRIVE (NORTH)) AT MP 25.56 ON LEFT AT MP 25.58	NORTH DISTRICT	0.00	0.00	0.00		4,356	AS	2
0910	4	56368		NEIGHBOR MOUNTAIN TRAIL PARKING	FROM ROUTE 0010A (SKYLINE DRIVE (NORTH)) TO PARKING AT MP 26.93 ON RIGHT	NORTH DISTRICT	0.00	0.00	0.00		6,826	AS	2
0911	4	47028		ROCKY BRANCH TRAIL PARKING	FROM ROUTE 0010A (SKYLINE DRIVE (NORTH)) TO PARKING AT MP 28.36 ON LEFT	NORTH DISTRICT	0.00	0.00	0.00		4,778	AS	2
0912	4	54331		TRACES NATURE TRAIL PARKING	FROM ROUTE 0012 (MATHEWS ARM ENTRANCE ROAD) TO PARKING AT MP 0.75 ON RIGHT	NORTH DISTRICT	0.00	0.00	0.00		19,887	AS	2
0913	5	46349		HEADQUARTERS MAINTENANCE AREA	FROM END OF ROUTE 0104 (HEADQUARTERS ACCESS ROAD) TO PARKING	NORTH DISTRICT	0.00	0.00	0.00		80,004	AS	4
0914	4	48877		LOWER NCR PARKING	FROM ROUTE 0104 (HEADQUARTERS ACCESS ROAD) TO PARKING AT MP 0.24 ON RIGHT	NORTH DISTRICT	0.00	0.00	0.00		13,934	AS	4
0915	4	46332		HEADQUARTERS ADMINISTRATION OFFICE PARKING	FROM ROUTE 5001 (U.S. HIGHWAY 211) TO ROUTE 5001 (U.S. HIGHWAY 211)	NORTH DISTRICT	0.00	0.00	0.00		9,115	AS	4
0916	4	46366		HEADQUARTERS TELEPHONE ROAD AND PARKING	FROM ROUTE 0104 (HEADQUARTERS ACCESS ROAD) TO PARKING	NORTH DISTRICT	0.00	0.00	0.00		7,327	AS	4
0917	4	56370		MEADOW SPRING PARKING AREA	FROM ROUTE 0010B (SKYLINE DRIVE (CENTRAL)) TO ROUTE 0010B (SKYLINE DRIVE (CENTRAL)) AT MP 33.71 ON LEFT AT MP 33.73	CENTRAL DISTRICT	0.00	0.00	0.00		6,870	AS	3

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SHEN

SHENANDOAH NATIONAL PARK

Rte. No.	Cycle Collected	FMSS No.	Concess Route	Route Name	Route Description From To	Maint. District	Paved Miles	Un-Paved Miles	Total Route Length	Func. Class	Manual Rated SQ/FT	Surf. Type	Area Maps
0918	4	56371		CORBIN CABIN PARKING AT MP 37.8	ADJACENT TO ROUTE 0010B (SKYLINE DRIVE (CENTRAL)) AT MP 38.09 ON RIGHT	CENTRAL DISTRICT	0.00	0.00	0.00		2,769	AS	4
0919	4	56373		SKYLAND LODGE UPPER PARKING	FROM ROUTE 0032 (SKYLAND UPPER LOOP) AT MP 0.27 ON RIGHT TO ROUTE 0032 (SKYLAND UPPER LOOP) AT MP 0.40	CENTRAL DISTRICT	0.00	0.00	0.00		65,260	AS	5
0920	5	56375		SKYLAND LODGE LOWER PARKING	FROM ROUTE 0033 (SKYLAND LOWER LOOP) AT MP 0.05 ON LEFT TO PARKING	CENTRAL DISTRICT	0.00	0.00	0.00		32,978	AS	5
0921	4	56376		WHITE OAK FALLS TRAIL PARKING	FROM ROUTE 0010B (SKYLINE DRIVE (CENTRAL)) AT MP 42.76 ON LEFT TO ROUTE 0010B (SKYLINE DRIVE (CENTRAL)) AT MP 42.82	CENTRAL DISTRICT	0.00	0.00	0.00		18,223	AS	5
0922	5	52842		LIMBERLOST TRAIL PARKING	FROM ROUTE 0010B (SKYLINE DRIVE (CENTRAL)) AT MP 43.28 ON LEFT TO PARKING	CENTRAL DISTRICT	0.00	0.00	0.00		15,167	AS	6
0923	4	56377		UPPER HAWKSBILL PARKING	FROM ROUTE 0010B (SKYLINE DRIVE (CENTRAL)) AT MP 46.95 ON RIGHT TO ROUTE 0010B (SKYLINE DRIVE (CENTRAL)) AT MP 47.00	CENTRAL DISTRICT	0.00	0.00	0.00		14,367	AS	6
0924	5	56378		ROCK SPRING CABIN PARKING	ADJACENT TO ROUTE 0010B (SKYLINE DRIVE (CENTRAL)) AT MP 48.37 ON RIGHT	CENTRAL DISTRICT	0.00	0.00	0.00		1,284	AS	6
0925A	4	40467		BYRD VISITOR CENTER PARKING	FROM ROUTE 0038 (BIG MEADOWS VISITOR CENTER ACCESS ROAD) AT MP 0.08 ON LEFT TO ROUTE 0038 (BIG MEADOWS VISITOR CENTER ACCESS ROAD) AT MP 0.26	CENTRAL DISTRICT	0.00	0.00	0.00		68,186	AS	7
0925B	4	99508		BIG MEADOWS WAYSIDE PARKING	FROM ROUTE 0034 (BIG MEADOWS ENTRANCE ROAD) AT MP 0.02 ON RIGHT TO ROUTE 0034 (BIG MEADOWS ENTRANCE ROAD) AT MP 0.05	CENTRAL DISTRICT	0.00	0.00	0.00		16,207	AS	7
0926A	4	46996		BIG MEADOWS LODGE PARKING AREA A	FROM ROUTE 0201ZZ (BIG MEADOWS LODGE ACCESS) AT MP 0.20 ON RIGHT TO ROUTE 0201ZZ (BIG MEADOWS LODGE ACCESS) AT MP 0.22	CENTRAL DISTRICT	0.00	0.00	0.00		8,483	AS	7

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SHENANDOAH NATIONAL PARK

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0926BZZ	5	104185		BIG MEADOWS LODGE PARKING AREAS B	ADJACENT TO ROUTE 0201ZZ (BIG MEADOWS LODGE ACCESS) AT MP 0.28 ON RIGHT AND LEFT	CENTRAL DISTRICT	0.00	0.00	0.00		45,394	AS	7
0926C	4	104187		BIG MEADOWS LODGE PARKING AREA C	ADJACENT TO ROUTE 0201AZ (BIG MEADOWS LODGE A ACCESS) AT MP 0.41 ON LEFT	CENTRAL DISTRICT	0.00	0.00	0.00		3,526	AS	7
0926D	4	104189		BIG MEADOWS LODGE PARKING AREA D	ADJACENT TO ROUTE 0201AZ (BIG MEADOWS LODGE A ACCESS) AT MP 0.45 ON LEFT	CENTRAL DISTRICT	0.00	0.00	0.00		1,611	AS	7
0926E	4	104190		BIG MEADOWS LODGE PARKING AREA E	ADJACENT TO ROUTE 0201AZ (BIG MEADOWS LODGE A ACCESS) AT MP 0.48 ON RIGHT	CENTRAL DISTRICT	0.00	0.00	0.00		1,577	AS	7
0926F	4	104191		BIG MEADOWS LODGE PARKING AREA F	ADJACENT TO ROUTE 0201AZ (BIG MEADOWS LODGE A ACCESS) AT MP 0.52 ON LEFT	CENTRAL DISTRICT	0.00	0.00	0.00		1,414	AS	7
0926H	4	104193		BIG MEADOWS LODGE PARKING AREA H	ADJACENT TO ROUTE 0201AZ (BIG MEADOWS LODGE A ACCESS) AT MP 0.67 ON RIGHT	CENTRAL DISTRICT	0.00	0.00	0.00		3,759	AS	7
0927	4	56379		RAPIDAN ROAD PARKING	FROM ROUTE 0010B (SKYLINE DRIVE (CENTRAL)) AT MP 51.40 ON LEFT TO ROUTE 0010B (SKYLINE DRIVE (CENTRAL)) AT MP 51.43	CENTRAL DISTRICT	0.00	0.00	0.00		10,738	AS	7
0928	4	56380		LEWIS FALL PARKING AT MP 51.1	ADJACENT TO ROUTE 0010B (SKYLINE DRIVE (CENTRAL)) AT MP 51.52 ON RIGHT	CENTRAL DISTRICT	0.00	0.00	0.00		2,310	AS	7
0929	4	56382		MILAM GAP PARKING	FROM ROUTE 0010B (SKYLINE DRIVE (CENTRAL)) AT MP 52.86 ON RIGHT TO ROUTE 0010B (SKYLINE DRIVE (CENTRAL)) AT MP 52.92	CENTRAL DISTRICT	0.00	0.00	0.00		16,641	AS	6
0930	4	47027		BOOTENS GAP PARKING	FROM ROUTE 0010B (SKYLINE DRIVE (CENTRAL)) AT MP 55.25 ON LEFT TO PARKING	CENTRAL DISTRICT	0.00	0.00	0.00		2,961	AS	6

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SHEN

SHENANDOAH NATIONAL PARK

Rte. No.	Cycle Collected	FMSS No.	Concess Route	Route Name	From	To	Maint. District	Paved Miles	Un-Paved Miles	Total Route Length	Func. Class	Manual Rated SQ/FT	Surf. Type	Area Maps
0931	4	56381		BEARFENCE MOUNTAIN PARKING AREA	FROM ROUTE 0010B (SKYLINE DRIVE (CENTRAL)) AT MP 56.57 ON RIGHT	TO ROUTE 0010B (SKYLINE DRIVE (CENTRAL)) AT MP 56.59	CENTRAL DISTRICT	0.00	0.00	0.00		5,749	AS	6
0932	4	56383		MEADOWS SCHOOL PARKING AT MP 56.5	FROM ROUTE 0010B (SKYLINE DRIVE (CENTRAL)) AT MP 56.97 ON RIGHT	TO PARKING	CENTRAL DISTRICT	0.00	0.00	0.00		3,594	AS	6
0933	4	50439		LEWIS MOUNTAIN PARKING	FROM ROUTE 0039 (LEWIS MOUNTAIN ENTRANCE ROAD) AT MP 0.15 ON RIGHT	TO ROUTE 0039 (LEWIS MOUNTAIN ENTRANCE ROAD) AT MP 0.21	CENTRAL DISTRICT	0.00	0.00	0.00		13,402	AS	6
0934	4	56384		DEANS CEMETERY PARKING	FROM ROUTE 0010B (SKYLINE DRIVE (CENTRAL)) AT MP 63.39 ON RIGHT	TO PARKING	CENTRAL DISTRICT	0.00	0.00	0.00		10,482	AS	8
0935	4	56385		HIGHTOP MOUNTAIN PARKING AREA	ADJACENT TO ROUTE 0010C (SKYLINE DRIVE (SOUTH)) AT MP 66.86 ON RIGHT		SOUTH DISTRICT	0.00	0.00	0.00		2,889	AS	8
0936	4	56386		SIMMONS GAP MAINTENANCE PARKING	FROM END OF ROUTE 0175 (SIMMONS GAP AREA RANGER STATION / MAINTENANCE AREA)	TO PARKING	SOUTH DISTRICT	0.00	0.00	0.00		12,187	AS	8
0937	4	56387		LOFT MOUNTAIN SEWAGE DISPOSAL	FROM ROUTE 0076 (LOFT MOUNTAIN CAMPGROUND ACCESS) AT MP 0.91 ON RIGHT	TO PARKING	SOUTH DISTRICT	0.00	0.00	0.00		5,385	AS	9
0938	5	56388		LOFT MOUNTAIN CAMP STORE AND RESIDENCE PARKING	FROM ROUTE 0076 (LOFT MOUNTAIN CAMPGROUND ACCESS) AT MP 1.03 ON LEFT	TO ROUTE 0176 (LOFT MOUNTAIN RESIDENCE ROAD)	SOUTH DISTRICT	0.00	0.00	0.00		15,812	AS	9
0939	5	56389		LOFT MOUNTAIN AMPHITHEATER PARKING	FROM ROUTE 0076 (LOFT MOUNTAIN CAMPGROUND ACCESS) AT MP 1.12 ON RIGHT	TO ROUTE 0076 (LOFT MOUNTAIN CAMPGROUND ACCESS) AT MP 1.15	SOUTH DISTRICT	0.00	0.00	0.00		8,972	AS	9
0940	4	56390		LOFT MOUNTAIN WAYSIDE PARKING AREA	FROM ROUTE 0010C (SKYLINE DRIVE (SOUTH)) AT MP 79.69 ON RIGHT	TO ROUTE 0010C (SKYLINE DRIVE (SOUTH)) AT MP 79.77	SOUTH DISTRICT	0.00	0.00	0.00		36,810	AS	9

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SHEN

SHENANDOAH NATIONAL PARK

Rte. No.	Cycle Collected	FMSS No.	Concess Route	Route Name	Route Description From To	Maint. District	Paved Miles	Un-Paved Miles	Total Route Length	Func. Class	Manual Rated SQ/FT	Surf. Type	Area Maps
0941	4	56391		DOYLES RIVER PARKING	FROM ROUTE 0010C (SKYLINE DRIVE (SOUTH)) TO PARKING AT MP 81.32 ON LEFT	SOUTH DISTRICT	0.00	0.00	0.00		8,753	AS	9
0942	4	47029		BROWN GAP PARKING	FROM ROUTE 0010C (SKYLINE DRIVE (SOUTH)) TO PARKING AT MP 84.00 ON RIGHT	SOUTH DISTRICT	0.00	0.00	0.00		9,481	AS	10
0943	4	56392		JONES RUN PARKING AREA	FROM ROUTE 0010C (SKYLINE DRIVE (SOUTH)) TO PARKING AT MP 83.20 ON LEFT	SOUTH DISTRICT	0.00	0.00	0.00		6,662	AS	10
0944	4	47026		BLACKROCK SUMMIT PARKING AREA	FROM ROUTE 0010C (SKYLINE DRIVE (SOUTH)) TO PARKING AT MP 85.03 ON RIGHT	SOUTH DISTRICT	0.00	0.00	0.00		8,108	AS	10
0945	4	47012		BLACKROCK GAP PARKING	FROM ROUTE 0010C (SKYLINE DRIVE (SOUTH)) TO PARKING AT MP 87.61 ON RIGHT	SOUTH DISTRICT	0.00	0.00	0.00		4,241	AS	10
0946	4	56449		RIPRAP TRAIL PARKING AREA	FROM ROUTE 0010C (SKYLINE DRIVE (SOUTH)) TO PARKING AT MP 90.28 ON RIGHT	SOUTH DISTRICT	0.00	0.00	0.00		6,654	AS	10
0947	4	56450		WILDCAT RIDGE PARKING AREA	FROM ROUTE 0010C (SKYLINE DRIVE (SOUTH)) TO PARKING AT MP 92.39 ON RIGHT	SOUTH DISTRICT	0.00	0.00	0.00		5,213	AS	10
0948	5	56451		TURK GAP PARKING AREA	FROM ROUTE 0010C (SKYLINE DRIVE (SOUTH)) AT MP 94.44 ON LEFT TO PARKING	SOUTH DISTRICT	0.00	0.00	0.00		5,855	AS	10
0949	5	15926		JARMAN GAP PARKING AREA	FROM ROUTE 0010C (SKYLINE DRIVE (SOUTH)) AT MP 97.10 ON LEFT TO PARKING	SOUTH DISTRICT	0.00	0.00	0.00		5,675	AS	10
0950	4	46325		HQ ADMINISTRATIVE OFFICE PARKING - REAR	FROM ROUTE 0104 (HEADQUARTERS ACCESS ROAD) AT MP 0.05 ON RIGHT TO ROUTE 0104 (HEADQUARTERS ACCESS ROAD) AT MP 0.09	NORTH DISTRICT	0.00	0.00	0.00		18,534	AS	4
0951	4	56452		SKYLAND STABLES PARKING	ADJACENT TO ROUTE 0032 (SKYLAND UPPER LOOP) AT MP 0.78 ON RIGHT	CENTRAL DISTRICT	0.00	0.00	0.00		2,773	AS	5
0954A	4	104457		SOUTH ENTRANCE EMPLOYEE PARKING AREA A	ADJACENT TO ROUTE 0010C (SKYLINE DRIVE (SOUTH)) AT MP 105.30 ON LEFT	SOUTH DISTRICT	0.00	0.00	0.00		460	AS	10

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SHENANDOAH NATIONAL PARK

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0954B	4	104459		SOUTH ENTRANCE EMPLOYEE PARKING AREA B	ADJACENT TO ROUTE 0010C (SKYLINE DRIVE (SOUTH)) AT MP 105.25 ON LEFT	SOUTH DISTRICT	0.00	0.00	0.00		808	AS	10
0954C	4	104460		SOUTH ENTRANCE EMPLOYEE PARKING AREA C	ADJACENT TO ROUTE 0010C (SKYLINE DRIVE (SOUTH)) AT MP 105.25 ON LEFT (OPPOSITE LANE)	SOUTH DISTRICT	0.00	0.00	0.00		1,372	AS	10
0954D	4	104462		SOUTH ENTRANCE EMPLOYEE PARKING AREA D	ADJACENT TO ROUTE 0010C (SKYLINE DRIVE (SOUTH)) AT MP 105.21 ON RIGHT	SOUTH DISTRICT	0.00	0.00	0.00		1,022	AS	10
0955	4	104463		LOFT MOUNTAIN CAMPGROUND REGISTRATION STATION	ADJACENT TO ROUTE 0076 (LOFT MOUNTAIN CAMPGROUND ACCESS) AT MP 1.45 ON RIGHT	SOUTH DISTRICT	0.00	0.00	0.00		661	AS	9
0956	5	104464		LOFT MOUNTAIN CAMPGROUND RECYCLING PARKING	FROM ROUTE 0076 (LOFT MOUNTAIN CAMPGROUND ACCESS) AT MP 1.25 ON LEFT TO ROUTE 0525A (LOFT MOUNTAIN CAMPGROUND SECTION A) AT MP 0.70	SOUTH DISTRICT	0.00	0.00	0.00		8,533	AS	9
0957A	4	104465		LOFT MOUNTAIN PICNIC AREA PARKING A	ADJACENT TO ROUTE 0524 (LOFT MOUNTAIN PICNIC AREA) AT MP 0.13 ON RIGHT	SOUTH DISTRICT	0.00	0.00	0.00		3,051	AS	9
0957B	4	104467		LOFT MOUNTAIN PICNIC AREA PARKING B	ADJACENT TO ROUTE 0524 (LOFT MOUNTAIN PICNIC AREA) AT MP 0.15 ON LEFT	SOUTH DISTRICT	0.00	0.00	0.00		2,281	AS	9
0957C	4	104468		LOFT MOUNTAIN PICNIC AREA PARKING C	ADJACENT TO ROUTE 0524 (LOFT MOUNTAIN PICNIC AREA) AT MP 0.17 ON RIGHT	SOUTH DISTRICT	0.00	0.00	0.00		1,919	AS	9
0957D	4	104469		LOFT MOUNTAIN PICNIC AREA PARKING D	ADJACENT TO ROUTE 0524 (LOFT MOUNTAIN PICNIC AREA) AT MP 0.19 ON RIGHT	SOUTH DISTRICT	0.00	0.00	0.00		1,495	AS	9
0957E	4	104470		LOFT MOUNTAIN PICNIC AREA PARKING E	ADJACENT TO ROUTE 0524 (LOFT MOUNTAIN PICNIC AREA) AT MP 0.27 ON RIGHT	SOUTH DISTRICT	0.00	0.00	0.00		4,372	AS	9

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SHENANDOAH NATIONAL PARK

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0958A	4	104471		SIMMONS GAP RANGER STATION PARKING AREA A	FROM ROUTE 0174 (SIMMONS GAP RANGER STATION / RESIDENCE ROAD) AT MP 0.02 ON LEFT TO ROUTE 0174 (SIMMONS GAP RANGER STATION / RESIDENCE ROAD) AT MP 0.03	SOUTH DISTRICT	0.00	0.00	0.00		4,882	AS	8
0958B	4	104472		SIMMONS GAP RANGER STATION PARKING AREA B	FROM ROUTE 0174 (SIMMONS GAP RANGER STATION / RESIDENCE ROAD) AT MP 0.05 ON LEFT TO PARKING	SOUTH DISTRICT	0.00	0.00	0.00		1,590	AS	8
0958C	4	104474		SIMMONS GAP RANGER STATION PARKING AREA C	ADJACENT TO ROUTE 0174 (SIMMONS GAP RANGER STATION / RESIDENCE ROAD) AT MP 0.07 ON LEFT	SOUTH DISTRICT	0.00	0.00	0.00		567	AS	8
0959A	4	104476		SOUTH RIVER PICNIC AREA PARKING A	ADJACENT TO ROUTE 0536ZZ (SOUTH RIVER PICNIC AREA ROADS) AT MP 0.17 ON LEFT	CENTRAL DISTRICT	0.00	0.00	0.00		3,728	AS	8
0959B	4	104478		SOUTH RIVER PICNIC AREA PARKING B	ADJACENT TO ROUTE 0536ZZ (SOUTH RIVER PICNIC AREA ROADS) AT MP 0.27 ON LEFT	CENTRAL DISTRICT	0.00	0.00	0.00		4,041	AS	8
0959C	4	104479		SOUTH RIVER PICNIC AREA PARKING C	ADJACENT TO ROUTE 0536ZZ (SOUTH RIVER PICNIC AREA ROADS) AT MP 0.27 ON RIGHT	CENTRAL DISTRICT	0.00	0.00	0.00		3,296	AS	8
0959D	4	104480		SOUTH RIVER PICNIC AREA PARKING D	ADJACENT TO ROUTE 0536ZZ (SOUTH RIVER PICNIC AREA ROADS) AT MP 0.38 ON RIGHT	CENTRAL DISTRICT	0.00	0.00	0.00		5,739	AS	8
0961A	4	104292		BIG MEADOWS NEW CAMPGROUND TENT SITES 1-7 PARKING	ADJACENT TO ROUTE 0531P (BIG MEADOWS NEW CAMPGROUND LOOP A) AT MP 0.07 ON RIGHT	CENTRAL DISTRICT	0.00	0.00	0.00		2,835	AS	7
0961B	4	104293		BIG MEADOWS NEW CAMPGROUND TENT SITES 8-17 PARKING	ADJACENT TO ROUTE 0531P (BIG MEADOWS NEW CAMPGROUND LOOP A) AT MP 0.16 ON RIGHT	CENTRAL DISTRICT	0.00	0.00	0.00		4,091	AS	7

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SHENANDOAH NATIONAL PARK

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0961C	4	104294		BIG MEADOWS NEW CAMPGROUND TENT SITES 18-26 PARKING	ADJACENT TO ROUTE 0531P (BIG MEADOWS NEW CAMPGROUND LOOP A) AT MP 0.20 ON RIGHT	CENTRAL DISTRICT	0.00	0.00	0.00		3,391	AS	7
0961D	4	104295		BIG MEADOWS NEW CAMPGROUND TENT SITES 27-34 PARKING	ADJACENT TO ROUTE 0531P (BIG MEADOWS NEW CAMPGROUND LOOP A) AT MP 0.30 ON RIGHT	CENTRAL DISTRICT	0.00	0.00	0.00		4,049	AS	7
0961E	4	104296		BIG MEADOWS NEW CAMPGROUND TENT SITES 35-44 PARKING	ADJACENT TO ROUTE 0531P (BIG MEADOWS NEW CAMPGROUND LOOP A) AT MP 0.39 ON RIGHT	CENTRAL DISTRICT	0.00	0.00	0.00		3,619	AS	7
0961F	4	104297		BIG MEADOWS NEW CAMPGROUND TENT SITES 45-53 PARKING	ADJACENT TO ROUTE 0531P (BIG MEADOWS NEW CAMPGROUND LOOP A) AT MP 0.43 ON RIGHT	CENTRAL DISTRICT	0.00	0.00	0.00		3,486	AS	7
0961G	4	104298		BIG MEADOWS SHOWER PARKING	FROM ROUTE 0035ZZ (BIG MEADOWS CAMPGROUND ACCESS ROADS) AT MP 0.23 TO END OF ROUTES 005AZ (BIG MEADOWS CAMPGROUND ACCESS), 0532Y (BIG MEADOWS OLD CAMPGROUND LOOP E), AND 0531P (BIG MEADOWS NEW CAMPGROUND LOOP A)	CENTRAL DISTRICT	0.00	0.00	0.00		13,504	AS	7
0961H	4	226109		BIG MEADOWS CAMPGROUND REGISTRATION PARKING	ADJACENT TO ROUTE 0035ZZ (BIG MEADOWS CAMPGROUND ACCESS ROADS) AT MP 0.19 ON RIGHT	CENTRAL DISTRICT	0.00	0.00	0.00		308	AS	7
0962A	4	104299		BIG MEADOWS PICNIC AREA PARKING A	FROM ROUTE 0533 (BIG MEADOWS PICNIC GROUND ROAD) AT MP 0.07 TO ROUTE 0533 (BIG MEADOWS PICNIC GROUND ROAD) AT MP 0.13	CENTRAL DISTRICT	0.00	0.00	0.00		9,151	AS	7
0962B	4	104301		BIG MEADOWS PICNIC AREA PARKING B	ADJACENT TO ROUTE 0533 (BIG MEADOWS PICNIC GROUND ROAD) AT MP 0.17 ON RIGHT	CENTRAL DISTRICT	0.00	0.00	0.00		4,468	AS	7
0962C	4	104302		BIG MEADOWS PICNIC AREA PARKING C	ADJACENT TO ROUTE 0533 (BIG MEADOWS PICNIC GROUND ROAD) AT MP 0.17 ON LEFT	CENTRAL DISTRICT	0.00	0.00	0.00		2,999	AS	7

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SHEN

SHENANDOAH NATIONAL PARK

Rte. No.	Cycle Collected	FMSS No.	Concess Route	Route Name	Route Description From To	Maint. District	Paved Miles	Un-Paved Miles	Total Route Length	Func. Class	Manual Rated SQ/FT	Surf. Type	Area Maps
0962D	4	104303		BIG MEADOWS PICNIC AREA PARKING D	ADJACENT TO ROUTE 0533 (BIG MEADOWS PICNIC GROUND ROAD) AT MP 0.24 ON RIGHT	CENTRAL DISTRICT	0.00	0.00	0.00		2,237	AS	7
0962E	4	104304		BIG MEADOWS PICNIC AREA PARKING E	ADJACENT TO ROUTE 0533 (BIG MEADOWS PICNIC GROUND ROAD) AT MP 0.24 ON LEFT	CENTRAL DISTRICT	0.00	0.00	0.00		2,173	AS	7
0962F	4	104305		BIG MEADOWS PICNIC AREA PARKING F	ADJACENT TO ROUTE 0533 (BIG MEADOWS PICNIC GROUND ROAD) AT MP 0.33 ON RIGHT	CENTRAL DISTRICT	0.00	0.00	0.00		2,649	AS	7
0962G	4	104306		BIG MEADOWS PICNIC AREA PARKING G	ADJACENT TO ROUTE 0533 (BIG MEADOWS PICNIC GROUND ROAD) AT MP 0.33 ON LEFT	CENTRAL DISTRICT	0.00	0.00	0.00		2,586	AS	7
0963	4	104309		BIG MEADOWS STORAGE PARKING	FROM ROUTE 0036 (BIG MEADOWS MAINTENANCE ACCESS AND TRAILER DUMP) AT MP 0.05 ON LEFT TO ROUTE 0036 (BIG MEADOWS MAINTENANCE ACCESS AND TRAILER DUMP) AT MP 0.09	CENTRAL DISTRICT	0.00	0.00	0.00		11,211	AS	7
0964	4	104310		BIG MEADOWS DUMP STATION	FROM ROUTE 0036 (BIG MEADOWS MAINTENANCE ACCESS AND TRAILER DUMP) AT MP 0.12 ON LEFT TO ROUTE 0036 (BIG MEADOWS MAINTENANCE ACCESS AND TRAILER DUMP) AT MP 0.14	CENTRAL DISTRICT	0.00	0.00	0.00		6,216	AS	7
0965	5	104311		BIG MEADOWS MAINTENANCE AREA	FROM END OF ROUTE 0036 (BIG MEADOWS MAINTENANCE ACCESS AND TRAILER DUMP) TO PARKING	CENTRAL DISTRICT	0.00	0.00	0.00		46,100	AS	7
0966	4	104313		BIG MEADOWS VISITOR AND RESIDENCE PARKING	FROM ROUTE 0036 (BIG MEADOWS MAINTENANCE ACCESS AND TRAILER DUMP) AT MP 0.14 ON RIGHT TO PARKING	CENTRAL DISTRICT	0.00	0.00	0.00		10,309	AS	7
0967A	4	104315		BIG MEADOWS WWTP PARKING A	FROM ROUTE 0037 (BIG MEADOWS WWTP ROAD) AT MP 0.11 ON RIGHT TO ROUTE 0037 (BIG MEADOWS WWTP ROAD) AT MP 0.15	CENTRAL DISTRICT	0.00	0.00	0.00		10,810	AS	7
0967B	4	104316		BIG MEADOWS WWTP PARKING B	ADJACENT TO ROUTE 0037 (BIG MEADOWS WWTP ROAD) AT MP 0.17 ON LEFT	CENTRAL DISTRICT	0.00	0.00	0.00		1,084	AS	7

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SHEN

SHENANDOAH NATIONAL PARK

Rte. No.	Cycle Collected	FMSS No.	Concess Route	Route Name	Route Description From To	Maint. District	Paved Miles	Un-Paved Miles	Total Route Length	Func. Class	Manual Rated SQ/FT	Surf. Type	Area Maps
0976	5	104338		FIRE MANAGEMENT OFFICE PARKING	ADJACENT TO ROUTE 0105 (HEADQUARTERS RESIDENCE ROAD) AT MP 0.29 ON LEFT	NORTH DISTRICT	0.00	0.00	0.00		1,688	AS	4
0977	4	104340		UPPER NCR PARKING	ADJACENT TO ROUTE 0106 (HEADQUARTERS SUPER'S RESIDENCE/OFFICE) AT MP 0.11 ON LEFT	NORTH DISTRICT	0.00	0.00	0.00		2,504	AS	4
0978A	4	104341		ELKWALLOW PICNIC AREA PARKING A	ADJACENT TO ROUTE 0502 (ELKWALLOW PICNIC LOOP) AT MP 0.06 ON LEFT	NORTH DISTRICT	0.00	0.00	0.00		3,923	AS	2
0978B	4	104342		ELKWALLOW PICNIC AREA PARKING B	ADJACENT TO ROUTE 0502 (ELKWALLOW PICNIC LOOP) AT MP 0.22 ON RIGHT	NORTH DISTRICT	0.00	0.00	0.00		3,975	AS	2
0978C	4	104343		ELKWALLOW PICNIC AREA PARKING C	ADJACENT TO ROUTE 0502 (ELKWALLOW PICNIC LOOP) AT MP 0.22 ON LEFT	NORTH DISTRICT	0.00	0.00	0.00		2,736	AS	2
0978D	4	104344		ELKWALLOW PICNIC AREA PARKING D	ADJACENT TO ROUTE 0502 (ELKWALLOW PICNIC LOOP) AT MP 0.34 ON RIGHT	NORTH DISTRICT	0.00	0.00	0.00		2,836	AS	2
0978E	4	104345		ELKWALLOW PICNIC AREA PARKING E	ADJACENT TO ROUTE 0502 (ELKWALLOW PICNIC LOOP) AT MP 0.34 ON LEFT	NORTH DISTRICT	0.00	0.00	0.00		3,570	AS	2
0979A	4	104371		MATHEWS ARM LOOP A COMFORT STATION PARKING	ADJACENT TO ROUTE 0501A (MATHEWS ARM CAMPGROUND LOOP A) AT MP 0.31 ON LEFT	NORTH DISTRICT	0.00	0.00	0.00		537	AS	2
0979B	4	104373		MATHEWS ARM LOOP B COMFORT STATION PARKING	ADJACENT TO ROUTE 0501B (MATHEWS ARM CAMPGROUND LOOP B) AT MP 0.13 ON LEFT	NORTH DISTRICT	0.00	0.00	0.00		745	AS	2
0979C	4	104374		MATHEWS ARM LOOP C COMFORT STATION PARKING	ADJACENT TO ROUTE 0501C (MATHEWS ARM CAMPGROUND LOOP C) AT MP 0.02 ON LEFT	NORTH DISTRICT	0.00	0.00	0.00		1,223	AS	2
0980A	4	104376		SKYLAND LOWER LOOP RANGER AND CABIN PARKING	ADJACENT TO ROUTE 0033 (SKYLAND LOWER LOOP) AT MP 0.29 ON LEFT	CENTRAL DISTRICT	0.00	0.00	0.00		1,463	AS	5

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SHEN

SHENANDOAH NATIONAL PARK

Rte. No.	Cycle Collected	FMSS No.	Concess Route	Route Name	From	To	Maint. District	Paved Miles	Un-Paved Miles	Total Route Length	Func. Class	Manual Rated SQ/FT	Surf. Type	Area Maps
0980B	5	104377		SKYLAND LOWER LOOP CABIN PARKING LOOP	FROM ROUTE 0033 (SKYLAND LOWER LOOP) AT MP 0.32 ON RIGHT	TO ROUTE 0033 (SKYLAND LOWER LOOP) AT MP 0.40	CENTRAL DISTRICT	0.00	0.00	0.00		23,600	AS	5
0980C	5	104378		SKYLAND LOWER LOOP AMPHITHEATER	FROM ROUTE 0980B (SKYLAND LOWER LOOP CABIN PARKING LOOP)	TO PARKING	CENTRAL DISTRICT	0.00	0.00	0.00		14,270	AS	5
0980D	5	104379		SKYLAND LOWER LOOP CABIN PARKING D	FROM ROUTE 0980B (SKYLAND LOWER LOOP CABIN PARKING LOOP)	TO PARKING	CENTRAL DISTRICT	0.00	0.00	0.00		15,447	AS	5
0980E	5	104380		SKYLAND LOWER LOOP CABIN PARKING E	FROM ROUTE 0980B (SKYLAND LOWER LOOP CABIN PARKING LOOP)	TO PARKING	CENTRAL DISTRICT	0.00	0.00	0.00		11,481	AS	5
0980F	5	104381		SKYLAND LOWER LOOP CABIN PARKING F	FROM ROUTE 0033 (SKYLAND LOWER LOOP) AT MP 0.46 ON LEFT	TO PARKING	CENTRAL DISTRICT	0.00	0.00	0.00		8,216	AS	5
0980G	4	104382		SKYLAND LOWER LOOP CABIN PARKING G	ADJACENT TO ROUTE 0033 (SKYLAND LOWER LOOP) AT MP 0.49 ON LEFT		CENTRAL DISTRICT	0.00	0.00	0.00		2,215	AS	5
0980H	5	104383		SKYLAND LOWER LOOP CABIN PARKING H	FROM ROUTE 0033 (SKYLAND LOWER LOOP) AT MP 0.58 ON LEFT	TO PARKING	CENTRAL DISTRICT	0.00	0.00	0.00		6,919	AS	5
0980I	5	104385		SKYLAND LOWER LOOP CABIN PARKING I	FROM ROUTE 0033 (SKYLAND LOWER LOOP) AT MP 0.61 ON RIGHT	TO PARKING	CENTRAL DISTRICT	0.00	0.00	0.00		10,655	AS	5
0980J	5	104387		SKYLAND LOWER LOOP CABIN PARKING J	FROM ROUTE 0033 (SKYLAND LOWER LOOP) AT MP 0.61 ON LEFT	TO PARKING	CENTRAL DISTRICT	0.00	0.00	0.00		6,777	AS	5
0980K	5			SKYLAND LOWER LOOP CABIN PARKING K	ADJACENT TO ROUTE 0033 (SKYLAND LOWER LOOP)		CENTRAL DISTRICT	0.00	0.00	0.00		753	AS	5
0981A	4	104388		SKYLAND LOWER LOOP PLAYGROUND PARKING	ADJACENT TO ROUTE 0033 (SKYLAND LOWER LOOP) AT MP 0.33 ON RIGHT		CENTRAL DISTRICT	0.00	0.00	0.00		1,299	AS	5
0981B	4	104389		SKYLAND LOWER LOOP CONFERENCE CENTER PARKING B	ADJACENT TO ROUTE 0033 (SKYLAND LOWER LOOP) AT MP 0.36 ON LEFT		CENTRAL DISTRICT	0.00	0.00	0.00		1,992	AS	5

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SHEN

SHENANDOAH NATIONAL PARK

Rte. No.	Cycle Collected	FMSS No.	Concess Route	Route Name	Route Description From To	Maint. District	Paved Miles	Un-Paved Miles	Total Route Length	Func. Class	Manual Rated SQ/FT	Surf. Type	Area Maps
0981C	4	104390		SKYLAND LOWER LOOP CONFERENCE CENTER PARKING C	ADJACENT TO ROUTE 0033 (SKYLAND LOWER LOOP) AT MP 0.38 ON RIGHT	CENTRAL DISTRICT	0.00	0.00	0.00		1,865	AS	5
0981D	4	104391		SKYLAND LOWER LOOP CONFERENCE CENTER PARKING D	ADJACENT TO ROUTE 0033 (SKYLAND LOWER LOOP) AT MP 0.39 ON LEFT	CENTRAL DISTRICT	0.00	0.00	0.00		3,182	AS	5
0982A	4	104393		DICKEY RIDGE MAINTENANCE STORAGE ACCESS ROAD PARKING A	ADJACENT TO ROUTE 0102 (DICKEY RIDGE MAINTENANCE LOOP ROAD) AT MP 0.06 ON LEFT	NORTH DISTRICT	0.00	0.00	0.00		363	AS	1
0982B	4	104395		DICKEY RIDGE MAINTENANCE STORAGE ACCESS ROAD PARKING B	ADJACENT TO ROUTE 0102 (DICKEY RIDGE MAINTENANCE LOOP ROAD) AT MP 0.07 ON LEFT	NORTH DISTRICT	0.00	0.00	0.00		520	AS	1
0982C	4	104396		DICKEY RIDGE MAINTENANCE STORAGE ACCESS ROAD PARKING C	ADJACENT TO ROUTE 0102 (DICKEY RIDGE MAINTENANCE LOOP ROAD) AT MP 0.08 ON LEFT	NORTH DISTRICT	0.00	0.00	0.00		882	AS	1
0982D	4	104397		DICKEY RIDGE MAINTENANCE STORAGE ACCESS ROAD PARKING D	ADJACENT TO ROUTE 0102 (DICKEY RIDGE MAINTENANCE LOOP ROAD) AT MP 0.10 ON LEFT	NORTH DISTRICT	0.00	0.00	0.00		432	AS	1
0982E	4	104398		DICKEY RIDGE MAINTENANCE STORAGE ACCESS ROAD PARKING E	ADJACENT TO ROUTE 0102 (DICKEY RIDGE MAINTENANCE LOOP ROAD) AT MP 0.16 ON RIGHT	NORTH DISTRICT	0.00	0.00	0.00		2,676	AS	1
0983ZZ	4	104399		DICKEY RIDGE PICNIC PARKING AREAS	ADJACENT TO ROUTE 0500 (DICKEY RIDGE PICNIC ROAD) AT MP 0.16 ON RIGHT AND LEFT	NORTH DISTRICT	0.00	0.00	0.00		17,276	AS	1
0984A	4	104405		PINEY RIVER AREA EMPLOYEE PARKING	ADJACENT TO ROUTE 0107 (PINEY RIVER AREA) AT MP 0.08 ON LEFT	NORTH DISTRICT	0.00	0.00	0.00		1,983	AS	2
0984B	4	104407		PINEY RIVER AREA RANGER STATION PARKING	FROM ROUTE 0107 (PINEY RIVER AREA) AT MP 0.10 ON LEFT TO PARKING	NORTH DISTRICT	0.00	0.00	0.00		11,034	AS	2

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SHENANDOAH NATIONAL PARK

Rte. No.	Cycle Collected	FMSS No.	Concess Route	Route Name	From	To	Maint. District	Paved Miles	Un-Paved Miles	Total Route Length	Func. Class	Manual Rated SQ/FT	Surf. Type	Area Maps
0984C	4	104410		PINEY RIVER AREA TRAIL SHACK/MAINTENANCE AREA PARKING	FROM ROUTE 0107 (PINEY RIVER AREA) AT MP 0.09 ON RIGHT	TO PARKING	NORTH DISTRICT	0.00	0.00	0.00		11,443	AS	2
0984D	4	104411		PINEY RIVER AREA GAS STATION PARKING	FROM ROUTE 0107 (PINEY RIVER AREA) AT MP 0.16 ON LEFT	TO ROUTE 0107 (PINEY RIVER AREA)	NORTH DISTRICT	0.00	0.00	0.00		2,782	AS	2
0984E	4	104412		PINEY RIVER AREA NORTH DISTRICT FIRE/RESCUE CACHE PARKING	FROM END OF ROUTE 0107 (PINEY RIVER AREA)	TO PARKING	NORTH DISTRICT	0.00	0.00	0.00		13,108	AS	2
1001	4	49274		SHENANDOAH VALLEY OVERLOOK PARKING	FROM ROUTE 0010A (SKYLINE DRIVE (NORTH)) AT MP 2.86 ON RIGHT	TO ROUTE 0010A (SKYLINE DRIVE (NORTH)) AT MP 2.90	NORTH DISTRICT	0.00	0.00	0.00		14,470	AS	1
1002	5	48578		DICKEY RIDGE VISITOR CENTER PARKING	FROM ROUTE 0010A (SKYLINE DRIVE (NORTH)) AT MP 4.61 ON RIGHT	TO ROUTE 0010A (SKYLINE DRIVE (NORTH)) AT MP 4.78	NORTH DISTRICT	0.00	0.00	0.00		60,106	AS	1
1003	4	49275		SIGNAL KNOB OVERLOOK PARKING	ADJACENT TO ROUTE 0010A (SKYLINE DRIVE (NORTH)) AT MP 5.77 ON RIGHT		NORTH DISTRICT	0.00	0.00	0.00		8,534	AS	1
1004	4	49235		GOONEY RUN OVERLOOK PARKING	FROM ROUTE 0010A (SKYLINE DRIVE (NORTH)) AT MP 6.94 ON RIGHT	TO ROUTE 0010A (SKYLINE DRIVE (NORTH)) AT MP 6.97	NORTH DISTRICT	0.00	0.00	0.00		10,178	AS	1
1005	4	49234		GOONEY MANOR OVERLOOK PARKING	FROM ROUTE 0010A (SKYLINE DRIVE (NORTH)) AT MP 7.42 ON RIGHT	TO ROUTE 0010A (SKYLINE DRIVE (NORTH)) AT MP 7.47 ON RIGHT	NORTH DISTRICT	0.00	0.00	0.00		14,847	AS	1
1006	4	49249		INDIAN RUN OVERLOOK PARKING	ADJACENT TO ROUTE 0010A (SKYLINE DRIVE (NORTH)) AT MP 10.88 ON LEFT		NORTH DISTRICT	0.00	0.00	0.00		3,914	AS	1
1007	4	49251		JENKINS GAP OVERLOOK PARKING	ADJACENT TO ROUTE 0010A (SKYLINE DRIVE (NORTH)) AT MP 12.56 ON LEFT		NORTH DISTRICT	0.00	0.00	0.00		5,807	AS	1
1008	4	49247		HOGWALLOW FLATS OVERLOOK PARKING	FROM ROUTE 0010A (SKYLINE DRIVE (NORTH)) AT MP 13.91 ON LEFT	TO ROUTE 0010A (SKYLINE DRIVE (NORTH)) AT MP 13.96	NORTH DISTRICT	0.00	0.00	0.00		12,206	AS	1

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SHENANDOAH NATIONAL PARK

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1009	4	49222		BROWN TOWN VALLEY OVERLOOK PARKING	FROM ROUTE 0010A (SKYLINE DRIVE (NORTH)) AT MP 15.06 ON RIGHT	TO ROUTE 0010A (SKYLINE DRIVE (NORTH)) AT MP 15.09	NORTH DISTRICT	0.00	0.00	0.00		8,924	AS	1
1010	4	49265		RANGE VIEW OVERLOOK PARKING	FROM ROUTE 0010A (SKYLINE DRIVE (NORTH)) AT MP 17.26 ON LEFT	TO ROUTE 0010A (SKYLINE DRIVE (NORTH)) AT MP 17.30	NORTH DISTRICT	0.00	0.00	0.00		11,091	AS	1
1011	4	49233		GIMLET RIDGE OVERLOOK PARKING	ADJACENT TO ROUTE 0010A (SKYLINE DRIVE (NORTH)) AT MP 18.59 ON RIGHT		NORTH DISTRICT	0.00	0.00	0.00		11,842	AS	1
1012	4	49260		MOUNT MARSHALL OVERLOOK PARKING	ADJACENT TO ROUTE 0010A (SKYLINE DRIVE (NORTH)) AT MP 19.20 ON LEFT		NORTH DISTRICT	0.00	0.00	0.00		4,369	AS	1
1013	4	49255		LITTLE HOGBACK OVERLOOK PARKING	FROM ROUTE 0010A (SKYLINE DRIVE (NORTH)) AT MP 19.89 ON RIGHT	TO ROUTE 0010A (SKYLINE DRIVE (NORTH)) AT MP 19.93	NORTH DISTRICT	0.00	0.00	0.00		12,755	AS	1
1014	4	49254		LITTLE DEVILS STAIRS OVERLOOK PARKING	ADJACENT TO ROUTE 0010A (SKYLINE DRIVE (NORTH)) AT MP 20.27 ON LEFT		NORTH DISTRICT	0.00	0.00	0.00		8,777	AS	1
1015	4	49246		HOGBACK OVERLOOK PARKING	ADJACENT TO ROUTE 0010A (SKYLINE DRIVE (NORTH)) AT MP 21.12 ON RIGHT		NORTH DISTRICT	0.00	0.00	0.00		18,954	AS	2
1016	4	49266		RATTLESNAKE POINT OVERLOOK PARKING	ADJACENT TO ROUTE 0010A (SKYLINE DRIVE (NORTH)) AT MP 22.06 ON LEFT		NORTH DISTRICT	0.00	0.00	0.00		5,411	AS	2
1017	4	49252		JEREMY'S RUN OVERLOOK PARKING	FROM ROUTE 0010A (SKYLINE DRIVE (NORTH)) AT MP 26.57 ON RIGHT	TO ROUTE 0010A (SKYLINE DRIVE (NORTH)) AT MP 26.61	NORTH DISTRICT	0.00	0.00	0.00		9,834	AS	2
1018	4	49284		THORNTON HOLLOW OVERLOOK PARKING	ADJACENT TO ROUTE 0010A (SKYLINE DRIVE (NORTH)) AT MP 27.83 ON LEFT		NORTH DISTRICT	0.00	0.00	0.00		7,466	AS	2
1019	4	49217		BEAHMS GAP OVERLOOK PARKING	FROM ROUTE 0010A (SKYLINE DRIVE (NORTH)) AT MP 28.60 ON RIGHT	TO ROUTE 0010A (SKYLINE DRIVE (NORTH)) AT MP 28.69	NORTH DISTRICT	0.00	0.00	0.00		15,962	AS	2

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SHEN

SHENANDOAH NATIONAL PARK

Rte. No.	Cycle Collected	FMSS No.	Concess Route	Route Name	From	To	Maint. District	Paved Miles	Un-Paved Miles	Total Route Length	Func. Class	Manual Rated SQ/FT	Surf. Type	Area Maps
1020	4	44078		PASS MOUNTAIN OVERLOOK PARKING	FROM ROUTE 0010A (SKYLINE DRIVE (NORTH)) AT MP 30.28 ON RIGHT	TO ROUTE 0010A (SKYLINE DRIVE (NORTH)) AT MP 30.33	NORTH DISTRICT	0.00	0.00	0.00		12,856	AS	3
1021	4	49288		TUNNEL OVERLOOK PARKING	FROM ROUTE 0010B (SKYLINE DRIVE (CENTRAL)) AT MP 32.52 ON LEFT	TO ROUTE 0010B (SKYLINE DRIVE (CENTRAL)) AT MP 32.58	CENTRAL DISTRICT	0.00	0.00	0.00		17,128	AS	3
1022	4	49223		BUCK HOLLOW OVERLOOK PARKING	ADJACENT TO ROUTE 0010B (SKYLINE DRIVE (CENTRAL)) AT MP 33.06 ON LEFT		CENTRAL DISTRICT	0.00	0.00	0.00		6,525	AS	3
1023	4	49236		HAZEL MOUNTAIN OVERLOOK PARKING	FROM ROUTE 0010B (SKYLINE DRIVE (CENTRAL)) AT MP 33.27 ON LEFT	TO ROUTE 0010B (SKYLINE DRIVE (CENTRAL)) AT MP 33.30	CENTRAL DISTRICT	0.00	0.00	0.00		14,857	AS	3
1024	4	49264		PINNACLES OVERLOOK PARKING	FROM ROUTE 0010B (SKYLINE DRIVE (CENTRAL)) AT MP 35.36 ON LEFT	TO ROUTE 0010B (SKYLINE DRIVE (CENTRAL)) AT MP 35.38	CENTRAL DISTRICT	0.00	0.00	0.00		8,286	AS	3
1025	4	49253		JEWELL HOLLOW OVERLOOK PARKING	FROM ROUTE 0010B (SKYLINE DRIVE (CENTRAL)) AT MP 36.68 ON RIGHT	TO ROUTE 0010B (SKYLINE DRIVE (CENTRAL)) AT MP 36.74	CENTRAL DISTRICT	0.00	0.00	0.00		23,076	AS	4
1026	4	49278		STONY MAN HUGHES OVERLOOK PARKING	FROM ROUTE 0010B (SKYLINE DRIVE (CENTRAL)) AT MP 38.81 ON RIGHT	TO ROUTE 0010B (SKYLINE DRIVE (CENTRAL)) AT MP 38.91	CENTRAL DISTRICT	0.00	0.00	0.00		47,186	AS	4
1027	4	49244		HEMLOCK SPRINGS OVERLOOK PARKING	ADJACENT TO ROUTE 0010B (SKYLINE DRIVE (CENTRAL)) AT MP 40.01 ON LEFT		CENTRAL DISTRICT	0.00	0.00	0.00		6,786	AS	4
1028	4	49285		THOROFARE MOUNTAIN OVERLOOK PARKING	FROM ROUTE 0010B (SKYLINE DRIVE (CENTRAL)) AT MP 40.80 ON LEFT	TO ROUTE 0010B (SKYLINE DRIVE (CENTRAL)) AT MP 40.83	CENTRAL DISTRICT	0.00	0.00	0.00		9,669	AS	4
1029	4	56453		STONY MAN TRAIL PARKING	FROM ROUTE 0032 (SKYLAND UPPER LOOP) AT MP 0.06 ON RIGHT	TO PARKING	CENTRAL DISTRICT	0.00	0.00	0.00		17,659	AS	5
1030	4	49286		TIMBER HOLLOW OVERLOOK PARKING	FROM ROUTE 0010B (SKYLINE DRIVE (CENTRAL)) AT MP 43.57 ON RIGHT	TO ROUTE 0010B (SKYLINE DRIVE (CENTRAL)) AT MP 43.61	CENTRAL DISTRICT	0.00	0.00	0.00		12,262	AS	6

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SHEN

SHELANDOAH NATIONAL PARK

Rte. No.	Cycle Collected	FMSS No.	Concess Route	Route Name	From	To	Maint. District	Paved Miles	Un-Paved Miles	Total Route Length	Func. Class	Manual Rated SQ/FT	Surf. Type	Area Maps
1031	4	49226		CRESCENT ROCK OVERLOOK PARKING	FROM ROUTE 0010B (SKYLINE DRIVE (CENTRAL)) AT MP 44.60 ON RIGHT	TO ROUTE 0010B (SKYLINE DRIVE (CENTRAL)) AT MP 44.76	CENTRAL DISTRICT	0.00	0.00	0.00		42,099	AS	6
1032	4	49277		SPITLER KNOLL OVERLOOK PARKING	ADJACENT TO ROUTE 0010B (SKYLINE DRIVE (CENTRAL)) AT MP 48.45 ON RIGHT		CENTRAL DISTRICT	0.00	0.00	0.00		9,026	AS	6
1033	4	49232		FRANKLIN CLIFFS OVERLOOK PARKING	FROM ROUTE 0010B (SKYLINE DRIVE (CENTRAL)) AT MP 49.30 ON RIGHT	TO ROUTE 0010B (SKYLINE DRIVE (CENTRAL)) AT MP 49.37	CENTRAL DISTRICT	0.00	0.00	0.00		19,193	AS	6
1034	4	49231		FISHERS GAP OVERLOOK PARKING	FROM ROUTE 0010B (SKYLINE DRIVE (CENTRAL)) AT MP 49.66 ON RIGHT	TO ROUTE 0010B (SKYLINE DRIVE (CENTRAL)) AT MP 49.79	CENTRAL DISTRICT	0.00	0.00	0.00		26,323	AS	6
1035	4	56454		DARK HOLLOW FALLS PARKING AREA	FROM ROUTE 0010B (SKYLINE DRIVE (CENTRAL)) AT MP 50.86 ON LEFT	TO ROUTE 0010B (SKYLINE DRIVE (CENTRAL)) AT MP 50.92	CENTRAL DISTRICT	0.00	0.00	0.00		14,520	AS	7
1036	4	49280		TANNERS RIDGE OVERLOOK PARKING	ADJACENT TO ROUTE 0010B (SKYLINE DRIVE (CENTRAL)) AT MP 51.62 ON RIGHT		CENTRAL DISTRICT	0.00	0.00	0.00		4,203	AS	7
1037	4	49261		NAKED CREEK OVERLOOK PARKING	FROM ROUTE 0010B (SKYLINE DRIVE (CENTRAL)) AT MP 53.40 ON RIGHT	TO ROUTE 0010B (SKYLINE DRIVE (CENTRAL)) AT MP 53.44	CENTRAL DISTRICT	0.00	0.00	0.00		8,000	AS	6
1038	4	49237		HAZELTOP RIDGE OVERLOOK PARKING	ADJACENT TO ROUTE 0010B (SKYLINE DRIVE (CENTRAL)) AT MP 54.55 ON RIGHT		CENTRAL DISTRICT	0.00	0.00	0.00		8,611	AS	6
1039	4	49283		THE POINT OVERLOOK PARKING	ADJACENT TO ROUTE 0010B (SKYLINE DRIVE (CENTRAL)) AT MP 55.78 ON RIGHT		CENTRAL DISTRICT	0.00	0.00	0.00		6,520	AS	6
1040	4	49281		THE OAKS OVERLOOK PARKING	ADJACENT TO ROUTE 0010B (SKYLINE DRIVE (CENTRAL)) AT MP 59.32 ON RIGHT		CENTRAL DISTRICT	0.00	0.00	0.00		4,959	AS	6

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SHEN

SHENANDOAH NATIONAL PARK

Rte. No.	Cycle Collected	FMSS No.	Concess Route	Route Name	Route Description From	To	Maint. District	Paved Miles	Un-Paved Miles	Total Route Length	Func. Class	Manual Rated SQ/FT	Surf. Type	Area Maps
1041	4	49215		BALDFACE MOUNTAIN OVERLOOK PARKING	FROM ROUTE 0010B (SKYLINE DRIVE (CENTRAL)) AT MP 61.46 ON RIGHT	TO ROUTE 0010B (SKYLINE DRIVE (CENTRAL)) AT MP 61.50	CENTRAL DISTRICT	0.00	0.00	0.00		7,688	AS	8
1042	4	49276		SOUTH RIVER OVERLOOK PARKING	FROM ROUTE 0010B (SKYLINE DRIVE (CENTRAL)) AT MP 62.95 ON LEFT	TO ROUTE 0010B (SKYLINE DRIVE (CENTRAL)) AT MP 62.98	CENTRAL DISTRICT	0.00	0.00	0.00		7,055	AS	8
1043	4	49245		HENSLEY HOLLOW OVERLOOK PARKING	ADJACENT TO ROUTE 0010B (SKYLINE DRIVE (CENTRAL)) AT MP 64.61 ON RIGHT		CENTRAL DISTRICT	0.00	0.00	0.00		6,699	AS	8
1044	4	49279		SWIFT RUN OVERLOOK PARKING	FROM ROUTE 0010C (SKYLINE DRIVE (SOUTH)) AT MP 67.38 ON RIGHT	TO ROUTE 0010C (SKYLINE DRIVE (SOUTH)) AT MP 67.43	SOUTH DISTRICT	0.00	0.00	0.00		16,080	AS	8
1045	4	49271		SANDY BOTTOM OVERLOOK PARKING	FROM ROUTE 0010C (SKYLINE DRIVE (SOUTH)) AT MP 67.99 ON RIGHT	TO ROUTE 0010C (SKYLINE DRIVE (SOUTH)) AT MP 68.02	SOUTH DISTRICT	0.00	0.00	0.00		5,212	AS	8
1046	4	56753		SMITH ROACH GAP PARKING	FROM ROUTE 0010C (SKYLINE DRIVE (SOUTH)) AT MP 68.79 ON LEFT	TO PARKING	SOUTH DISTRICT	0.00	0.00	0.00		4,801	AS	8
1047	4	49213		BACON HOLLOW OVERLOOK PARKING	FROM ROUTE 0010C (SKYLINE DRIVE (SOUTH)) AT MP 69.43 ON LEFT	TO ROUTE 0010C (SKYLINE DRIVE (SOUTH)) AT MP 69.48	SOUTH DISTRICT	0.00	0.00	0.00		10,349	AS	8
1048	4	49230		EATON HOLLOW OVERLOOK PARKING	FROM ROUTE 0010C (SKYLINE DRIVE (SOUTH)) AT MP 70.81 ON RIGHT	TO ROUTE 0010C (SKYLINE DRIVE (SOUTH)) AT MP 70.85	SOUTH DISTRICT	0.00	0.00	0.00		12,491	AS	8
1049	4	49268		ROCKY MOUNT OVERLOOK PARKING	FROM ROUTE 0010C (SKYLINE DRIVE (SOUTH)) AT MP 71.39 ON RIGHT	TO ROUTE 0010C (SKYLINE DRIVE (SOUTH)) AT MP 71.43	SOUTH DISTRICT	0.00	0.00	0.00		8,881	AS	8
1050	4	49218		BELDRE HOLLOW OVERLOOK PARKING	ADJACENT TO ROUTE 0010C (SKYLINE DRIVE (SOUTH)) AT MP 72.39 ON RIGHT		SOUTH DISTRICT	0.00	0.00	0.00		3,136	AS	8
1051	4	49256		LOFT MOUNTAIN OVERLOOK PARKING	FROM ROUTE 0010C (SKYLINE DRIVE (SOUTH)) AT MP 74.59 ON LEFT	TO ROUTE 0010C (SKYLINE DRIVE (SOUTH)) AT MP 74.63	SOUTH DISTRICT	0.00	0.00	0.00		14,433	AS	8
1052	4	49290		TWO MILE RUN OVERLOOK PARKING	ADJACENT TO ROUTE 0010C (SKYLINE DRIVE (SOUTH)) AT MP 76.51 ON RIGHT		SOUTH DISTRICT	0.00	0.00	0.00		4,291	AS	9

Cycle 5 NPS/RIP Route ID Report

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SHEN

SHENANDOAH NATIONAL PARK

Rte. No.	Cycle Collected	FMSS No.	Concess Route	Route Name	From	To	Maint. District	Paved Miles	Un-Paved Miles	Total Route Length	Func. Class	Manual Rated SQ/FT	Surf. Type	Area Maps
1053	4	49221		BROWN MOUNTAIN OVERLOOK PARKING	FROM ROUTE 0010C (SKYLINE DRIVE (SOUTH)) AT MP 77.14 ON RIGHT	TO ROUTE 0010C (SKYLINE DRIVE (SOUTH)) AT MP 77.18	SOUTH DISTRICT	0.00	0.00	0.00		12,355	AS	9
1054	4	49250		IVY CREEK OVERLOOK PARKING	FROM ROUTE 0010C (SKYLINE DRIVE (SOUTH)) AT MP 77.75 ON LEFT	TO ROUTE 0010C (SKYLINE DRIVE (SOUTH)) AT MP 77.81	SOUTH DISTRICT	0.00	0.00	0.00		17,898	AS	9
1055	4	49269		ROCKY TOP OVERLOOK PARKING	FROM ROUTE 0010C (SKYLINE DRIVE (SOUTH)) AT MP 78.31 ON RIGHT	TO ROUTE 0010C (SKYLINE DRIVE (SOUTH)) AT MP 78.35	SOUTH DISTRICT	0.00	0.00	0.00		6,604	AS	9
1056	4	49220		BIG RUN OVERLOOK PARKING	FROM ROUTE 0010C (SKYLINE DRIVE (SOUTH)) AT MP 81.37 ON RIGHT	TO ROUTE 0010C (SKYLINE DRIVE (SOUTH)) AT MP 81.41	SOUTH DISTRICT	0.00	0.00	0.00		6,486	AS	9
1057	4	45250		DOYLES RIVER OVERLOOK PARKING	FROM ROUTE 0010C (SKYLINE DRIVE (SOUTH)) AT MP 82.16 ON LEFT	TO PARKING	SOUTH DISTRICT	0.00	0.00	0.00		23,395	AS	9
1058	4	45268		DUNDO OVERLOOK PARKING	ADJACENT TO ROUTE 0010C (SKYLINE DRIVE (SOUTH)) AT MP 83.93 ON RIGHT		SOUTH DISTRICT	0.00	0.00	0.00		5,184	AS	10
1059	4	49287		TRAYFOOT MOUNTAIN OVERLOOK PARKING	FROM ROUTE 0010C (SKYLINE DRIVE (SOUTH)) AT MP 87.01 ON LEFT	TO ROUTE 0010C (SKYLINE DRIVE (SOUTH)) AT MP 87.04	SOUTH DISTRICT	0.00	0.00	0.00		8,629	AS	10
1060	4	49248		HORSEHEAD OVERLOOK PARKING	FROM ROUTE 0010C (SKYLINE DRIVE (SOUTH)) AT MP 88.89 ON RIGHT	TO ROUTE 0010C (SKYLINE DRIVE (SOUTH)) AT MP 88.91	SOUTH DISTRICT	0.00	0.00	0.00		7,410	AS	10
1061	4	49267		RIPRAP OVERLOOK PARKING	FROM ROUTE 0010C (SKYLINE DRIVE (SOUTH)) AT MP 91.71 ON RIGHT	TO ROUTE 0010C (SKYLINE DRIVE (SOUTH)) AT MP 91.76	SOUTH DISTRICT	0.00	0.00	0.00		12,298	AS	10
1062	4	49259		MOORMANS RIVER OVERLOOK PARKING	FROM ROUTE 0010C (SKYLINE DRIVE (SOUTH)) AT MP 92.25 ON LEFT	TO ROUTE 0010C (SKYLINE DRIVE (SOUTH)) AT MP 92.29	SOUTH DISTRICT	0.00	0.00	0.00		11,301	AS	10
1063	4	43841		CRIMORA LAKE OVERLOOK PARKING	FROM ROUTE 0010C (SKYLINE DRIVE (SOUTH)) AT MP 92.87 ON RIGHT	TO ROUTE 0010C (SKYLINE DRIVE (SOUTH)) AT MP 92.91	SOUTH DISTRICT	0.00	0.00	0.00		4,864	AS	10
1064	5	49289		TURK MOUNTAIN OVERLOOK PARKING	FROM ROUTE 0010C (SKYLINE DRIVE (SOUTH)) AT MP 93.97 ON RIGHT	TO ROUTE 0010C (SKYLINE DRIVE (SOUTH)) AT MP 94.02	SOUTH DISTRICT	0.00	0.00	0.00		13,511	AS	10
1065	4	49273		SAWMILL RUN OVERLOOK PARKING	FROM ROUTE 0010C (SKYLINE DRIVE (SOUTH)) AT MP 95.65 ON RIGHT	TO ROUTE 0010C (SKYLINE DRIVE (SOUTH)) AT MP 95.69	SOUTH DISTRICT	0.00	0.00	0.00		12,470	AS	10

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SHEN

SHENANDOAH NATIONAL PARK

Rte. No.	Cycle Collected	FMSS No.	Concess Route	Route Name	Route Description From	To	Maint. District	Paved Miles	Un-Paved Miles	Total Route Length	Func. Class	Manual Rated SQ/FT	Surf. Type	Area Maps
1066	5	49272		SAWMILL RIDGE OVERLOOK PARKING	FROM ROUTE 0010C (SKYLINE DRIVE (SOUTH)) AT MP 96.19 ON RIGHT	TO ROUTE 0010C (SKYLINE DRIVE (SOUTH)) AT MP 96.22	SOUTH DISTRICT	0.00	0.00	0.00		8,900	AS	10
1067	4	45406		CALF MOUNTAIN OVERLOOK PARKING	FROM ROUTE 0010C (SKYLINE DRIVE (SOUTH)) AT MP 99.23 ON RIGHT	TO ROUTE 0010C (SKYLINE DRIVE (SOUTH)) AT MP 99.27	SOUTH DISTRICT	0.00	0.00	0.00		8,749	AS	10
1068	4	45452		BEAGLE GAP OVERLOOK PARKING	FROM ROUTE 0010C (SKYLINE DRIVE (SOUTH)) AT MP 100.17 ON LEFT	TO ROUTE 0010C (SKYLINE DRIVE (SOUTH)) AT MP 100.21	SOUTH DISTRICT	0.00	0.00	0.00		7,534	AS	10
1069	4	49258		MCCORMICK GAP OVERLOOK PARKING	FROM ROUTE 0010C (SKYLINE DRIVE (SOUTH)) AT MP 102.63	TO ROUTE 0010C (SKYLINE DRIVE (SOUTH)) AT MP 102.72	SOUTH DISTRICT	0.00	0.00	0.00		16,239	AS	10
1070	4	99999		OLD RAG VIEW OVERLOOK PARKING	ADJACENT TO ROUTE 0010B (SKYLINE DRIVE (CENTRAL)) AT MP 46.79 ON LEFT		CENTRAL DISTRICT	0.00	0.00	0.00		2,502	AS	6
1071	4	31962		DICKEY RIDGE TRAIL PARKING	ADJACENT TO ROUTE 0010A (SKYLINE DRIVE (NORTH)) AT MP 0.11		NORTH DISTRICT	0.00	0.00	0.00		3,117	AS	1
1072	NC	114245		OLD RAG LOWER PARKING	FROM STATE ROUTE 600	TO PARKING	CENTRAL DISTRICT	0.00	0.00	0.00		21,120	OT	
1073	NC	49263		PASS MOUNTAIN TRAILHEAD PARKING	FROM STATE ROUTE 211 EAST SIDE	TO PARKING	CENTRAL DISTRICT	0.00	0.00	0.00		12,805	OT	
1074	5	48883		HEADQUARTERS ARCHIVES PARKING	FROM ROUTE 0104 (HEADQUARTERS ACCESS ROAD)	TO PARKING	NORTH DISTRICT	0.00	0.00	0.00		8,565	AS	4
1075	NC	32209		WEAKLY HOLLOW OLD RAG PARKING	FROM END OF STATE ROUTE 600	TO PARKING	CENTRAL DISTRICT	0.00	0.00	0.00		40,000	OT	
1076	4	88252		NO NAME OVERLOOK PARKING	ADJACENT TO ROUTE 0010A (SKYLINE DRIVE (NORTH)) AT MP 5.40		NORTH DISTRICT	0.00	0.00	0.00		3,300	AS	1
1077	4	116782		HENSLEY RIDGE PARKING	ADJACENT TO ROUTE 0010B (SKYLINE DRIVE (CENTRAL)) AT MP 65.12 ON RIGHT		CENTRAL DISTRICT	0.00	0.00	0.00		4,315	AS	8
1078	NC	49216		BEAGLE GAP PARKING	FROM ROUTE 0010C (SKYLINE DRIVE (SOUTH)) AT MP 99.87	TO PARKING	SOUTH DISTRICT	0.00	0.00	0.00			OT	

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SHENANDOAH NATIONAL PARK

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1079	NC	116781		BEAR DEN PARKING	FROM ROUTE 0010C (SKYLINE DRIVE (SOUTH)) AT MP 101.51	TO PARKING	SOUTH DISTRICT	0.00	0.00	0.00			GR	
1080	4	226066		CHIEF RANGERS OFFICE PARKING	ADJACENT TO ROUTE 0105 (HEADQUARTERS RESIDENCE ROAD) ON RIGHT AT MP 0.23		NORTH DISTRICT	0.00	0.00	0.00		3,339	AS	4
1081	4	226108		MATHEWS ARM GROUP CAMPSITE PARKING	FROM ROUTE 0501B (MATHEWS ARM CAMPGROUND LOOP B)	TO PARKING	NORTH DISTRICT	0.00	0.00	0.00		11,403	AS	2
1082	NC	226141		MATHEWS ARM WWTP PARKING	FROM ROUTE 0413ZZ (MATHEWS ARM WWTP ROADS)	TO PARKING	NORTH DISTRICT	0.00	0.00	0.00			GR	
1083	NC	34162		GRAVES MILL PARKING AREA	FROM END OF OLD GRAVES MILL ROAD	TO PARKING	CENTRAL DISTRICT	0.00	0.00	0.00		20,000	GR	
1084	5	233421		SKYLAND AMPHITHEATER HANDICAPPED PARKING	ADJACENT TO ROUTE 0033 (SKYLAND LOWER LOOP)		CENTRAL DISTRICT	0.00	0.00	0.00		538	AS	5
1085ZZ	5			LOFT MOUNTAIN CAMPGROUND PARKING AREAS	ADJACENT TO ROUTE 0525A (LOFT MOUNTAIN CAMPGROUND SECTION A) ON RIGHT		SOUTH DISTRICT	0.00	0.00	0.00		16,179	AS	9
5000	4			COUNTY ROAD 614 (KEYSER RUN ROAD)	FROM STATE ROUTE 622 (GIDBROWN HOLLOW ROAD)	TO PARK BOUNDARY AND UNPAVED PARKING (LITTLE DEVILS TRAIL HEAD)	NORTH DISTRICT	3.16	0.00	3.16			AS	1
5001	4			U.S. HIGHWAY 211	FROM EAST SIDE OF THE BRIDGE OVER U.S. HIGHWAY 340	TO SPERRVILLE PIKE	CENTRAL DISTRICT	15.93	0.00	15.93			AS	3,4
5002	4			SR 600 WEST (WEAKLEY HOLLOW ROAD)	FROM WHITE OAK CANYON FALLS PARK SIGN	TO BERRY HOLLOW TRAILHEAD PARKING AND FIRE ROAD ON RIGHT	CENTRAL DISTRICT	0.92	0.00	0.92			AS	6
5003	4			SR 611 (KITE HOLLOW ROAD)	FROM STATE ROUTE 689 (IDA ROAD)	TO PARK BOUNDARY (REDGATE ROAD)	CENTRAL DISTRICT	2.19	0.00	2.19			AS	6
5004	4			SR 658 (SHENK HOLLOW ROAD)	FROM ROCKY BRANCH ROAD	TO PARK BOUNDARY, FIRE ROAD (AHEAD) AND DRIVEWAY ON LEFT	NORTH DISTRICT	1.31	0.00	1.31			AS	4
5005	4			SR 682 (TANNERS RIDGE ROAD)	FROM STATE ROUTE 624 (PINE GROVE ROAD)	TO ROUTE 0462 (TANNERS-RIDGE ROAD)	CENTRAL DISTRICT	3.75	0.00	3.75			AS	6

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SHEN

SHENANDOAH NATIONAL PARK

Rte. No.	Cycle Collected	FMSS No.	Concess Route	Route Name		Route Description		Maint. District	Paved Miles	Un-Paved Miles	Total Route Length	Func. Class	Manual Rated SQ/FT	Surf. Type	Area Maps
				From	To	From	To								
5006	4			SR 625 (THOROUGHFARE ROAD)	FROM STATE ROUTE 759 (FOX MOUNTAIN ROAD)	TO DRY RUN FALL ROAD ON THE RIGHT	CENTRAL DISTRICT	3.07	0.00	3.07				AS	8
5007	4			SR 600 EAST (WEAKLEY HOLLOW ROAD)	FROM ROUTE 1072 (OLD RAG LOWER PARKING)	TO PARK BOUNDARY AT UNPAVED TRAILHEAD PARKING	CENTRAL DISTRICT	0.88	0.00	0.88				AS	3
5008	4			SR 628 (BELDOR ROAD)	FROM ROUTE 5009 (U.S. HIGHWAY 33)	TO STATE ROUTE 626	SOUTH DISTRICT	0.54	0.00	0.54				AS	8
5009	4			U.S. HIGHWAY 33	FROM EAST SIDE OF THE BRIDGE OVER U.S. HIGHWAY 340	TO MUTTON HOLLOW ROAD	SOUTH DISTRICT	10.28	0.00	10.28				AS	8

Cycle 5 NPS/RIP Route ID Report

Shading Color Key:
Red text denotes approx. mileage

White = Paved Routes, DCV Driven	Yellow = Unpaved Routes, DCV not Driven	Blue = All Paved Parking Areas	Green = All Unpaved Parking Areas
Grey = Paved Routes, DCV not Driven	Black = State, Local or Private non-NPS Routes	■ = Concession Route Flag ON	

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

** DCV - Data Collection Vehicle

*** Only Functional Class 1, 2, & 7 routes, and previously uncollected routes were collected in Cycle 5

CYCLE 5 COLLECTED SUMMARY TOTALS FOR SHENANDOAH NATIONAL PARK

CYCLE 5 COLLECTED ROUTE TOTALS		CYCLE 5 COLLECTED CONCESSION TOTALS	
DCV Driven Route Miles	115.11	Concession Paved Route Miles	0.00
Manually Rated Route Miles	0.00	Concession Paved Parking Area SQFT	0
TOTAL PARK ROUTE MILES COLLECTED IN CYCLE 5	115.11	Concession Manually Rated Routes SQFT	0
Manually Rated Routes (SQFT)	0	CYCLE 5 COLLECTED WEIGHTED AVERAGE PARK VALUES	
* CYCLE 5 COLLECTED PARKING AREA TOTALS		DCV Driven PCR	99
Paved Parking (SQFT)	479,194	**Manually Rated Routes PCR	N/A
		**Parking PCR	88
		***Total Equivalent Lane Miles	230.02

TOTAL PARK SUMMARY FOR SHENANDOAH NATIONAL PARK

ROUTE TOTALS	
TOTAL PAVED PARK ROUTE MILES	125.61
TOTAL PAVED PARKING (SQFT)	2,234,430

* - The Parking Area Totals SQFT value represents all parking areas collected in Cycle 5, both park and concessionaire.

** - Parking and Manually Rated Routes are assigned the following PCR values based on their observed condition: Construction=-1, Excellent=97, Good=90, Fair=73, and Poor=45.

*** - Equivalent Lane Miles are calculated by route using the following equations : DCV and Manually Rated Lines Routes=(PAVE_WIDTHxPAVED_MI)/11 foot lane. Parking Areas=SQ_FEET/5280/11. Manually Rated Polygons=SQ_FEET/5280/11.

Cycle 5 NPS/RIP Route ID Report

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*** Only Functional Class 1, 2, & 7 routes, and previously uncollected routes were collected in Cycle 5

General Park Road Functional Classification Table

- Class 1** Principal Park Road/Rural Parkway (Public Roads) Roads which constitute the main access route, circulatory tour, or thoroughfare for park visitors. Route Numbers 1 - 99. Note: Rural parkways (e.g. Natchez Trace) are numbered 1 - 9. State Routes Inventoried for Park. Route Numbers 5000-5999
- Class 2** Connector Park Road (Public Roads) - Roads which provide access within a park to areas of scenic, scientific, recreational or cultural interest, such as overlooks, campgrounds, etc. Route Numbers 100-199.
- Class 3** Special Purpose Park Road (Public Roads) - Roads which provide circulation within public areas, such as campgrounds, picnic areas, visitor center complexes, concessionaire facilities, etc. These roads generally serve low-speed traffic and are often designed for one-way circulation. Route Numbers 200-299.
- Class 4** Primitive Park Roads (Public Roads) - Roads which provide circulation through remote areas and/or access to primitive campgrounds and undeveloped areas. These roads frequently have no minimum design standards and their use may be limited to specially equipped vehicles. Route Numbers 200-299. Note: Functional Classes 3 and 4 have the same route numbers because, historically, they were numbered similarly.
- Class 5** Administrative Access Road (Administrative Roads) - All public roads intended for access to administrative developments or structures such as park offices, employee quarters, or utility areas. Route Numbers 400-499.
- Class 6** Restricted Road (Administrative Roads) - All roads normally closed to the public, including patrol roads, truck trails, and other similar roads. Route Numbers 400-499. Note: Functional Classes 5 and 6 have the same route numbers because historically they were numbered similarly and often there is little distinction between these routes. For example, because utility areas and employee housing are often closed to the public, this restriction would result in classification of FC 6 rather than FC 5.
- Class 7** Urban Parkway (Urban Parkways and City Streets) - These facilities serve high volumes of park and non-park related traffic and are restricted, limited-access facilities in an urban area. This category of roads primarily encompasses the major parkways which serve as gateways to our nation's capital. Other major park roads or portions thereof, however, may be included in this category. Route Numbers 1-9.
- Class 8** City Streets (Urban Parkways and City Streets) - City streets are usually extensions of the adjoining street system that are owned and maintained by the National Park Service. The construction and/or reconstruction should conform with accepted local engineering practice and local conditions. Route Numbers 600-699.

A park road system contains those roads within or giving access to a park or other unit of the NPS which are administered by the NPS, or by the Service in cooperation with other agencies. The assignment of a functional classification (FC) to a park road is not based on traffic volumes or design speed, but on the intended use or function of that road or route.

The historic route numbering system also included a 300 number series for interpretive roads, and a 500 series for one-way roads. There are approximately 250 roads nationwide which are designated by the 300 and 500 series. The numbers for these roads will be maintained for reporting consistency. However, since these interpretive and one-way routes are not as clearly tied to a specific functional class, the 300 and 500 series will be discontinued for future use.

5000 route numbers are assigned to Non-NPS Routes that are State, County or City owned which border, traverse, or provide access to Park Facilities or Locations. 5000 Routes are driven for GPS and Video Log only.

Surface Type Abbreviations:

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

NPS/RIP Subcomponent Details for SHEN

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SHEN

SHENANDOAH NATIONAL PARK

Rte. No.	FMSS No.	Cycle Collected	Route Name	From	To	Concess Route	Func. Class	Paved Miles	Un-Paved Miles	Total Route Length	Manual Rated SQ/FT
0035ZZ	51335	5	BIG MEADOWS CAMPGROUND ACCESS ROADS	FROM INTERSECTION OF ROUTE 0034 (BIG MEADOWS ENTRANCE ROAD) AND ROUTE 0201 (BIG MEADOWS LODGE ACCESS)	TO INTERSECTION OF ROUTE 0531P (BIG MEADOWS NEW CAMPGROUND LOOP A) ON RIGHT, ROUTE 0961G (BIG MEADOWS SHOWER PARKING) ON LEFT AND ROUTE 0532Y (BIG MEADOWS OLD CAMPGROUND LOOP E)		2	0.30	0.00	0.30	
0201ZZ	103685	5	BIG MEADOWS LODGE ACCESS	FROM INTERSECTION OF ROUTE 0035ZZ (BIG MEADOWS CAMPGROUND ACCESS ROADS) AND ROUTE 0034 (BIG MEADOWS ENTRANCE ROAD)	TO END OF LOOP		2	0.84	0.00	0.84	
0413ZZ	1985	4	MATHEWS ARM WWTP ROADS	FROM ROUTE 0012 (MATHEWS ARM ENTRANCE ROAD) AT MP 0.69 ON LEFT	TO ROUTE 1082 (MATHEWS ARM WWTP PARKING)		6	0.61	0.44	1.05	
0439ZZ	52573	4	SKYLAND STABLES AND WWTP ROADS	FROM ROUTE 0032 (SKYLAND UPPER LOOP) AT MP 0.78 ON RIGHT	TO END OF ROUTE		5	0.22	0.00	0.22	
0525HZZ	103756	4	LOFT MOUNTAIN CAMPGROUND SECTION H ROADS	FROM ROUTE 0525A (LOFT MOUNTAIN CAMPGROUND SECTION A)	TO ROUTE 0076 (LOFT MOUNTAIN CAMPGROUND ACCESS)		3	0.20	0.00	0.20	
0536ZZ	2334	4	SOUTH RIVER PICNIC AREA ROADS	FROM ROUTE 0010B (SKYLINE DRIVE (CENTRAL))	TO END OF LOOP		3	0.54	0.00	0.54	
0926BZZ	104185	5	BIG MEADOWS LODGE PARKING AREAS B	ADJACENT TO ROUTE 0201ZZ (BIG MEADOWS LODGE ACCESS) AT MP 0.28 ON RIGHT AND LEFT				0.00	0.00	0.00	45,394
0969ZZ	230393	5	SKYLAND STABLES AND WWTP PARKING AREAS	ADJACENT TO ROUTE 0439ZZ (SKYLAND STABLES AND WWTP ROADS)				0.00	0.00	0.00	11,112
0983ZZ	104399	4	DICKEY RIDGE PICNIC PARKING AREAS	ADJACENT TO ROUTE 0500 (DICKEY RIDGE PICNIC ROAD) AT MP 0.16 ON RIGHT AND LEFT				0.00	0.00	0.00	17,276
1085ZZ	N/A	5	LOFT MOUNTAIN CAMPGROUND PARKING AREAS	ADJACENT TO ROUTE 0525A (LOFT MOUNTAIN CAMPGROUND SECTION A) ON RIGHT				0.00	0.00	0.00	16,179

NPS/RIP Subcomponent Details for SHEN

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SHEN

SHENANDOAH NATIONAL PARK

SHEN-0035ZZ Subcomponent Breakdown

Rte. No.	FMSS No.	Cycle Collected	Route Description			Concess Route	Func. Class	Paved Miles	Un-Paved Miles	Total Route Length	Manual Rated SQ/FT
			Route Name	From	To						
0035AZ	51335	5	BIG MEADOWS CAMPGROUND ACCESS	FROM INTERSECTION OF ROUTE 0034 (BIG MEADOWS ENTRANCE ROAD) AND ROUTE 0201 (BIG MEADOWS LODGE ACCESS)	TO INTERSECTION OF ROUTE 0531P (BIG MEADOWS NEW CAMPGROUND LOOP A) ON RIGHT, ROUTE 0961G (BIG MEADOWS SHOWER PARKING) ON LEFT AND ROUTE 0532Y (BIG MEADOWS OLD CAMPGROUND LOOP E)		2	0.26	0.00	0.26	
0035BZ	51335	5	BIG MEADOWS CAMPGROUND ACCESS SPUR	FROM INTERSECTION OF ROUTE 0034 (BIG MEADOWS ENTRANCE ROAD)	TO INTERSECTION OF ROUTE 0035AZ (BIG MEADOWS CAMPGROUND ACCESS)		2	0.04	0.00	0.04	

SHEN-0201ZZ Subcomponent Breakdown

Rte. No.	FMSS No.	Cycle Collected	Route Description			Concess Route	Func. Class	Paved Miles	Un-Paved Miles	Total Route Length	Manual Rated SQ/FT
			Route Name	From	To						
0201AZ	103685	5	BIG MEADOWS LODGE A ACCESS	FROM INTERSECTION OF ROUTE 0035AZ (BIG MEADOWS CAMPGROUND ACCESS) AND ROUTE 0034 (BIG MEADOWS ENTRANCE ROAD)	TO END OF LOOP		2	0.71	0.00	0.71	
0201BZ	103685	5	BIG MEADOWS LODGE B ACCESS	FROM ROUTE 0201AZ (BIG MEADOWS LODGE A ACCESS)	TO ROUTE 0201AZ (BIG MEADOWS LODGE A ACCESS)		2	0.13	0.00	0.13	

SHEN-0413ZZ Subcomponent Breakdown

Rte. No.	FMSS No.	Cycle Collected	Route Description			Concess Route	Func. Class	Paved Miles	Un-Paved Miles	Total Route Length	Manual Rated SQ/FT
			Route Name	From	To						
0413AZ	1985	4	MATHEWS ARM WWTP ROAD	FROM ROUTE 0012 (MATHEWS ARM ENTRANCE ROAD) AT MP 0.73 ON LEFT	TO ROUTE 1082 (MATHEWS ARM WWTP PARKING) AT MP 0.99		6	0.55	0.44	0.99	
0413BZ	1985	4	MATHEWS ARM RV DUMP STATION ROAD	FROM ROUTE 0413AZ (MATHEWS ARM WWTP ROAD) AT MP 0.11 ON LEFT	TO ROUTE 0413AZ (MATHEWS ARM WWTP ROAD)		6	0.06	0.00	0.06	3,485

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SHEN

SHENANDOAH NATIONAL PARK

SHEN-0439ZZ Subcomponent Breakdown

Rte. No.	FMSS No.	Cycle Collected	Route Description			Concess Route	Func. Class	Paved Miles	Un-Paved Miles	Total Route Length	Manual Rated SQ/FT
			Route Name	From	To						
0439AZ	52573	4	SKYLAND STABLES AND WWTP A	FROM ROUTE 0032 (SKYLAND UPPER LOOP) AT MP 0.73 ON RIGHT	TO DEAD END (WASTE WATER TREATMENT PLANT)		5	0.18	0.00	0.18	
0439BZ	52573	4	SKYLAND STABLES AND WWTP B	FROM ROUTE 0439AZ (SKYLAND STABLES AND WWTP A) AT MP 0.108 ON LEFT	TO DEAD END (DRIVEWAY)		5	0.04	0.00	0.04	

SHEN-0525HZZ Subcomponent Breakdown

Rte. No.	FMSS No.	Cycle Collected	Route Description			Concess Route	Func. Class	Paved Miles	Un-Paved Miles	Total Route Length	Manual Rated SQ/FT
			Route Name	From	To						
0525HAZ	103756	4	LOFT MOUNTAIN CAMPGROUND SECTION HA	FROM ROUTE 0525HBZ (LOFT MOUNTAIN CAMPGROUND SECTION HB) ON LEFT	TO ROUTE 0076 (LOFT MOUNTAIN CAMPGROUND ACCESS)		3	0.12	0.00	0.12	
0525HBZ	103756	4	LOFT MOUNTAIN CAMPGROUND SECTION HB	FROM END OF ROUTE 0076 (LOFT MOUNTAIN CAMPGROUND ACCESS) AND BEGINNING OF ROUTE 0525A (LOFT MOUNTAIN CAMPGROUND SECTION A)	TO ROUTE 0525A (LOFT MOUNTAIN CAMPGROUND SECTION A)		3	0.08	0.00	0.08	

SHEN-0536ZZ Subcomponent Breakdown

Rte. No.	FMSS No.	Cycle Collected	Route Description			Concess Route	Func. Class	Paved Miles	Un-Paved Miles	Total Route Length	Manual Rated SQ/FT
			Route Name	From	To						
0536AZ	2334	4	SOUTH RIVER PICNIC AREA ROAD A	FROM ROUTE 0010B (SKYLINE DRIVE (CENTRAL)) AT MP 63.01 ON LEFT	TO END OF LOOP		3	0.50	0.00	0.50	
0536BZ	2334	4	SOUTH RIVER PICNIC AREA ROAD B	FROM ROUTE 0536AZ (SOUTH RIVER PICNIC AREA ROAD A) AT MP 0.46	TO ROUTE 0536AZ (SOUTH RIVER PICNIC AREA ROAD A) AT MP 0.08		3	0.04	0.00	0.04	

NPS/RIP Subcomponent Details for SHEN

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SHEN

SHENANDOAH NATIONAL PARK

SHEN-0926BZZ Subcomponent Breakdown

Rte. No.	FMSS No.	Cycle Collected	Route Name	From	To	Concess Route	Func. Class	Paved Miles	Un-Paved Miles	Total Route Length	Manual Rated SQ/FT
0926BAZ	104185	5	BIG MEADOWS LODGE PARKING AREA BA	ADJACENT TO ROUTE 0201AZ (BIG MEADOWS LODGE A ACCESS) AT MP 0.28 ON RIGHT				0.00	0.00	0.00	24,067
0926BBZ	104185	5	BIG MEADOWS LODGE PARKING AREA BB	ADJACENT TO ROUTE 0201AZ (BIG MEADOWS LODGE A ACCESS) AT MP 0.28 ON LEFT				0.00	0.00	0.00	5,167
0926BCZ	104185	5	BIG MEADOWS LODGE PARKING AREA BC	ADJACENT TO ROUTE 0201BZ (BIG MEADOWS LODGE B ACCESS) AT MP 0.28 ON RIGHT (OPPOSITE LANE)				0.00	0.00	0.00	8,102
0926BDZ	104185	5	BIG MEADOWS LODGE PARKING AREA BD	ADJACENT TO ROUTE 0201BZ (BIG MEADOWS LODGE B ACCESS) AT MP 0.28 ON LEFT (OPPOSITE LANE)				0.00	0.00	0.00	8,058

SHEN-0969ZZ Subcomponent Breakdown

Rte. No.	FMSS No.	Cycle Collected	Route Name	From	To	Concess Route	Func. Class	Paved Miles	Un-Paved Miles	Total Route Length	Manual Rated SQ/FT
0969AZ	230393	5	WASTE WATER TREATMENT PLANT PARKING	ADJACENT TO ROUTE 0439AZ (SKYLAND STABLES AND WWTP A) AT MP 0.16 ON RIGHT				0.00	0.00	0.00	1,267
0969BZ	230393	4	SHENANDOAH MAINTENANCE BUILDING PARKING	ADJACENT TO ROUTE 0439AZ (SKYLAND STABLES AND WWTP A) AT MP 0.08 ON RIGHT				0.00	0.00	0.00	3,440
0969CZ	230393	4	SKYLAND MAINTENANCE PARKING	ADJACENT TO ROUTE 0439AZ (SKYLAND STABLES AND WWTP A) AT MP 0.07 ON LEFT				0.00	0.00	0.00	1,857
0969DZ	230393	5	SKYLAND RESIDENCE PARKING A	ADJACENT TO ROUTE 0439BZ (SKYLAND STABLES AND WWTP B) ON RIGHT				0.00	0.00	0.00	1,441
0969EZ	230393	5	SKYLAND RESIDENCE PARKING B	FROM ROUTE 0439BZ (SKYLAND STABLES AND WWTP B) ON LEFT TO PARKING				0.00	0.00	0.00	2,680
0969FZ	230393	5	SKYLAND RESIDENCE PARKING C	ADJACENT TO ROUTE 0439BZ (SKYLAND STABLES AND WWTP B) ON RIGHT				0.00	0.00	0.00	427

NPS/RIP Subcomponent Details for SHEN

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SHEN

SHENANDOAH NATIONAL PARK

SHEN-0983ZZ Subcomponent Breakdown

Rte. No.	FMSS No.	Cycle Collected	Route Name	From	To	Concess Route	Func. Class	Paved Miles	Un-Paved Miles	Total Route Length	Manual Rated SQ/FT
0983AZ	104399	4	DICKEY RIDGE PICNIC PARKING A	ADJACENT TO ROUTE 0500 (DICKEY RIDGE PICNIC ROAD) AT MP 0.08 ON LEFT				0.00	0.00	0.00	2,612
0983BAZ	104399	4	DICKEY RIDGE PICNIC PARKING BA	ADJACENT TO ROUTE 0500 (DICKEY RIDGE PICNIC ROAD) AT MP 0.15 ON RIGHT				0.00	0.00	0.00	4,035
0983BBZ	104399	4	DICKEY RIDGE PICNIC PARKING BB	ADJACENT TO ROUTE 0500 (DICKEY RIDGE PICNIC ROAD) AT MP 0.15 ON LEFT				0.00	0.00	0.00	4,934
0983CZ	104399	4	DICKEY RIDGE PICNIC PARKING C	ADJACENT TO ROUTE 0500 (DICKEY RIDGE PICNIC ROAD) AT MP 0.24 ON LEFT				0.00	0.00	0.00	5,695

NPS/RIP Subcomponent Details for SHEN

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SHEN

SHENANDOAH NATIONAL PARK

SHEN-1085ZZ Subcomponent Breakdown

Rte. No.	FMSS No.	Cycle Collected	Route Name	From	To	Concess Route	Func. Class	Paved Miles	Un-Paved Miles	Total Route Length	Manual Rated SQ/FT
1085AZ	N/A	5	LOFT MOUNTAIN CAMPGROUND PARKING - GROUP A1	ADJACENT TO ROUTE 0525A (LOFT MOUNTAIN CAMPGROUND SECTION A) ON RIGHT				0.00	0.00	0.00	1,082
1085BZ	N/A	5	LOFT MOUNTAIN CAMPGROUND PARKING - GROUP A2	ADJACENT TO ROUTE 0525A (LOFT MOUNTAIN CAMPGROUND SECTION A) ON RIGHT				0.00	0.00	0.00	1,526
1085CZ	N/A	5	LOFT MOUNTAIN CAMPGROUND PARKING - GROUP A8	ADJACENT TO ROUTE 0525A (LOFT MOUNTAIN CAMPGROUND SECTION A) ON RIGHT				0.00	0.00	0.00	1,430
1085DZ	N/A	5	LOFT MOUNTAIN CAMPGROUND PARKING - GROUP A10	ADJACENT TO ROUTE 0525A (LOFT MOUNTAIN CAMPGROUND SECTION A) ON RIGHT				0.00	0.00	0.00	1,706
1085EZ	N/A	5	LOFT MOUNTAIN CAMPGROUND PARKING - GROUP A32	ADJACENT TO ROUTE 0525A (LOFT MOUNTAIN CAMPGROUND SECTION A)				0.00	0.00	0.00	1,908
1085FZ	N/A	5	LOFT MOUNTAIN CAMPGROUND PARKING - GROUP A33	ADJACENT TO ROUTE 0525A (LOFT MOUNTAIN CAMPGROUND SECTION A)				0.00	0.00	0.00	3,597
1085GZ	N/A	5	LOFT MOUNTAIN CAMPGROUND PARKING - GROUP A34	ADJACENT TO ROUTE 0525A (LOFT MOUNTAIN CAMPGROUND SECTION A)				0.00	0.00	0.00	2,319
1085HZ	N/A	5	LOFT MOUNTAIN CAMPGROUND PARKING - GROUPS A37, A38, A39	ADJACENT TO ROUTE 0525A (LOFT MOUNTAIN CAMPGROUND SECTION A)				0.00	0.00	0.00	2,611

ROUTES ADDED FROM PREVIOUS INVENTORY:

Route #	Route Name	Reason for Addition	Comments
0980K	SKYLAND LOWER LOOP CABIN PARKING K	OTHER	PARKING LOT ADDED TO INVENTORY IN CYCLE 5.
1084	SKYLAND AMPHITHEATER HANDICAPPED PARKING	OTHER	PARKING LOT ADDED TO INVENTORY IN CYCLE 5.
1085ZZ	LOFT MOUNTAIN CAMPGROUND PARKING AREAS	OTHER	CAMPGROUND GROUP PARKING LOTS AT LOFT MOUNTAIN WERE ADDED TO THE INVENTORY IN CYCLE 5.

ROUTES MODIFIED FROM PREVIOUS INVENTORY:

Route #	Route Name	Type of Modification	Comments
0922	LIMBERLOST TRAIL PARKING	RECONSTRUCTED	GPS WAS RECOLLECTED BECAUSE THE PARKING LOT WAS RECONFIGURED.

OTHER CHANGES FROM PREVIOUS INVENTORY:

Route #	Route Name	Type of Change	Comments
0035ZZ	BIG MEADOWS CAMPGROUND ACCESS ROADS	OTHER	THE ENTRANCE SPUR INTO BIG MEADOWS CAMPGROUND WAS ADDED TO THE INVENTORY IN CYCLE 5 AND COMBINED WITH CYCLE 4 ROUTE 0035.
0106	HQ UPPER NCR ROAD	ROUTE NAME	ROUTE NAME CHANGED FROM "HEADQUARTERS SUPER'S RESIDENCE/OFFICE" TO "HQ UPPER NCR ROAD".
0200A	DUNDO PICNIC GROUND LOOP A	ROUTE NAME	ROUTE NAME CHANGED FROM "DUNDO AREA CAMPGROUND LOOP A" TO "DUNDO PICNIC GROUND LOOP A".
0200B	DUNDO PICNIC GROUND LOOP B	ROUTE NAME	ROUTE NAME CHANGED FROM "DUNDO AREA CAMPGROUND LOOP B" TO "DUNDO PICNIC GROUND LOOP B".
0201ZZ	BIG MEADOWS LODGE ACCESS	OTHER	A SEGMENT OF THIS ROAD RUNNING THROUGH THE LODGE PARKING AREAS WAS COLLECTED SEPARATELY IN CYCLE 5 BECAUSE IT DEVIATES FROM THE PRIMARY TRAVEL LANE (IN CYCLE 4 THIS SEGMENT WAS INCLUDED IN THE OPPOSITE TRAVEL LANE AND NO GPS WAS COLLECTED).
0913	HEADQUARTERS MAINTENANCE AREA	OTHER	GPS WAS RECOLLECTED TO REFLECT CHANGES FROM THE RECENT REPAVING PROJECT.
0914	LOWER NCR PARKING	ROUTE NAME	ROUTE NAME CHANGED FROM "I & M PARKING" TO "LOWER NCR PARKING".
0920	SKYLAND LODGE LOWER PARKING	SQ FEET CHANGE	GPS UPDATED IN CYCLE 5 TO REFLECT PARKING LOT GEOMETRY ACCURATELY.
0924	ROCK SPRING CABIN PARKING	SQ FEET CHANGE	ADJUSTMENT MADE TO GPS TO REFLECT PARKING LOT GEOMETRY ACCURATELY.
0926BZZ	BIG MEADOWS LODGE PARKING AREAS B	SQ FEET CHANGE	ADJUSTMENT MADE TO GPS TO REFLECT PARKING LOT GEOMETRY ACCURATELY.

OTHER CHANGES FROM PREVIOUS INVENTORY:

Route #	Route Name	Type of Change	Comments
0938	LOFT MOUNTAIN CAMP STORE AND RESIDENCE PARKING	SQ FEET CHANGE	ADJUSTMENT MADE TO GPS TO REFLECT PARKING LOT GEOMETRY ACCURATELY.
0939	LOFT MOUNTAIN AMPHITHEATER PARKING	SQ FEET CHANGE	ADJUSTMENT MADE TO GPS TO REFLECT PARKING LOT GEOMETRY ACCURATELY.
0940	LOFT MOUNTAIN WAYSIDE PARKING AREA	ROUTE NAME	ROUTE NAME CHANGED FROM "LOFT MOUNTAIN INFORMATION CENTER" TO "LOFT MOUNTAIN WAYSIDE PARKING AREA".
0948	TURK GAP PARKING AREA	SQ FEET CHANGE	ADJUSTMENT MADE TO GPS TO REFLECT PARKING LOT GEOMETRY ACCURATELY.
0949	JARMAN GAP PARKING AREA	SQ FEET CHANGE	ADJUSTMENT MADE TO GPS TO REFLECT PARKING LOT GEOMETRY ACCURATELY.
0956	LOFT MOUNTAIN CAMPGROUND RECYCLING PARKING	SQ FEET CHANGE	ADJUSTMENT MADE TO GPS TO REFLECT PARKING LOT GEOMETRY ACCURATELY.
0961H	BIG MEADOWS CAMPGROUND REGISTRATION PARKING	ROUTE NAME	ROUTE NAME CHANGED FROM "BIG MEADOWS NEW CAMPGROUND CHECK POINT PARKING" TO "BIG MEADOWS CAMPGROUND REGISTRATION PARKING"
0965	BIG MEADOWS MAINTENANCE AREA	SQ FEET CHANGE	GPS WAS RECOLLECTED TO REFLECT CHANGES FROM THE RECENT REPAVING PROJECT.
0969ZZ	SKYLAND STABLES AND WWTP PARKING AREAS	SQ FEET CHANGE	GPS WAS UPDATED FOR THIS ROUTE AND PAVED PARKING LOTS AT THE SKYLAND RESIDENCE AREA WERE ADDED TO THE INVENTORY IN CYCLE 5.
0976	FIRE MANAGEMENT OFFICE PARKING	SQ FEET CHANGE	MINOR ADJUSTMENT MADE TO GPS TO REFLECT PARKING LOT GEOMETRY ACCURATELY. ADDED THE WORD "OFFICE" TO ROUTE NAME.
0977	UPPER NCR PARKING	ROUTE NAME	ROUTE NAME CHANGED FROM "SUPERINTENDENT'S OFFICE PARKING" TO "UPPER NCR PARKING"

OTHER CHANGES FROM PREVIOUS INVENTORY:

Route #	Route Name	Type of Change	Comments
0980B	SKYLAND LOWER LOOP CABIN PARKING LOOP	SQ FEET CHANGE	ADJUSTMENT MADE TO GPS TO REFLECT PARKING LOT GEOMETRY ACCURATELY.
0980C	SKYLAND LOWER LOOP AMPHITHEATER	SQ FEET CHANGE	ADJUSTMENT MADE TO GPS TO REFLECT PARKING LOT GEOMETRY ACCURATELY.
0980D	SKYLAND LOWER LOOP CABIN PARKING D	SQ FEET CHANGE	ADJUSTMENT MADE TO GPS TO REFLECT PARKING LOT GEOMETRY ACCURATELY.
0980E	SKYLAND LOWER LOOP CABIN PARKING E	SQ FEET CHANGE	ADJUSTMENT MADE TO GPS TO REFLECT PARKING LOT GEOMETRY ACCURATELY. THE SOUTHERN END OF THE PARKING AREA WAS REMOVED FROM THE SHAPE BECAUSE IT IS A SIDEWALK AND NOT PART OF THE PARKING AREA.
0980F	SKYLAND LOWER LOOP CABIN PARKING F	SQ FEET CHANGE	ADJUSTMENT MADE TO GPS TO REFLECT PARKING LOT GEOMETRY ACCURATELY.
0983ZZ	DICKEY RIDGE PICNIC PARKING AREAS	ROUTES COMBINED	CYCLE 4 ROUTES 0983A AND 0983C WERE COMBINED WITH ROUTE 0983BZZ IN CYCLE 5.
0984B	PINEY RIVER AREA RANGER STATION PARKING	ROUTE NAME	ROUTE NAME CHANGED FROM "PINEY RIVER AREA RESIDENCE PARKING" TO "PINEY RIVER AREA RANGER STATION PARKING".
1002	DICKEY RIDGE VISITOR CENTER PARKING	SQ FEET CHANGE	GPS WAS UPDATED IN CYCLE 5. THERE WAS A SMALL AREA OF THE PARKING LOT AND ISLAND THAT WAS RECONFIGURED.
1064	TURK MOUNTAIN OVERLOOK PARKING	SQ FEET CHANGE	MINOR ADJUSTMENTS MADE TO GPS TO REFLECT PARKING LOT GEOMETRY ACCURATELY.
1066	SAWMILL RIDGE OVERLOOK PARKING	SQ FEET CHANGE	MINOR ADJUSTMENTS MADE TO GPS TO REFLECT PARKING LOT GEOMETRY ACCURATELY.
1074	HEADQUARTERS ARCHIVES PARKING	SQ FEET CHANGE	ADJUSTMENT MADE TO GPS TO REFLECT PARKING LOT GEOMETRY ACCURATELY.

OTHER CHANGES FROM PREVIOUS INVENTORY:

Route #	Route Name	Type of Change	Comments
1081	MATHEWS ARM GROUP CAMPSITE PARKING	ROUTE NAME	ROUTE NAME CHANGED FROM "MATHEWS ARM STORAGE PARKING" TO "MATHEWS ARM GROUP CAMPSITE PARKING".

ROUTES REMOVED FROM PREVIOUS INVENTORY:

Route #	Route Name	Reason for Removal	Comments
0437A	SHENANDOAH NATIONAL PARK	OTHER	REMOVED BECAUSE THIS ROAD WAS A DUPLICATE OF ROUTE 0437.
0926G	BIG MEADOWS LODGE PARKING AREA G	OTHER	REMOVED IN CYCLE 5 BECAUSE THE PARK CONSIDERS IT TO BE A PULLOUT.
0960A	LEWIS MOUNTAIN PICNIC AREA PARKING A	OTHER	REMOVED IN CYCLE 5 BECAUSE THE PARK CONSIDERS IT TO BE A PULLOUT.
0960B	LEWIS MOUNTAIN PICNIC AREA PARKING B	OTHER	REMOVED IN CYCLE 5 BECAUSE THE PARK CONSIDERS IT TO BE A PULLOUT.
0960C	LEWIS MOUNTAIN PICNIC AREA PARKING C	OTHER	REMOVED IN CYCLE 5 BECAUSE THE PARK CONSIDERS IT TO BE A PULLOUT.
0960D	LEWIS MOUNTAIN PICNIC AREA PARKING D	OTHER	REMOVED IN CYCLE 5 BECAUSE THE PARK CONSIDERS IT TO BE A PULLOUT.

Section 3

Park Summary Information



Shenandoah National Park



Federal Lands Highway
Road Inventory Program

SHEN: PAVED ROUTE MILES AND PERCENTAGES BY FUNCTIONAL CLASS AND PCR

F.C.	Pavement Condition Rating (PCR)								TOTAL MILES
	Poor (0-60)		Fair (61-84)		Good (85-94)		Excellent (95-100)		
	MILES	%	MILES	%	MILES	%	MILES	%	
1	0.17	0.15%	1.21	1.05%	7.74	6.72%	103.42	89.84%	112.54
2	0.14	0.12%	0.14	0.12%	0.24	0.21%	2.05	1.78%	2.57
3									
4									
5									
6									
7									
8									
Totals	0.31	0.27%	1.35	1.17%	7.98	6.93%	105.47	91.62%	115.11

Note: The information in this table is derived from the PMS_20 table in the Park database, which only contains processed data from routes collected with the Data Collection Vehicle (DCV). Information for Manually Rated Routes (MRR) and Parking Areas is not reported in this table. Only Functional Class 1, 2, & 7 routes, and any new routes not previously collected by RIP, are collected in Large Parks.

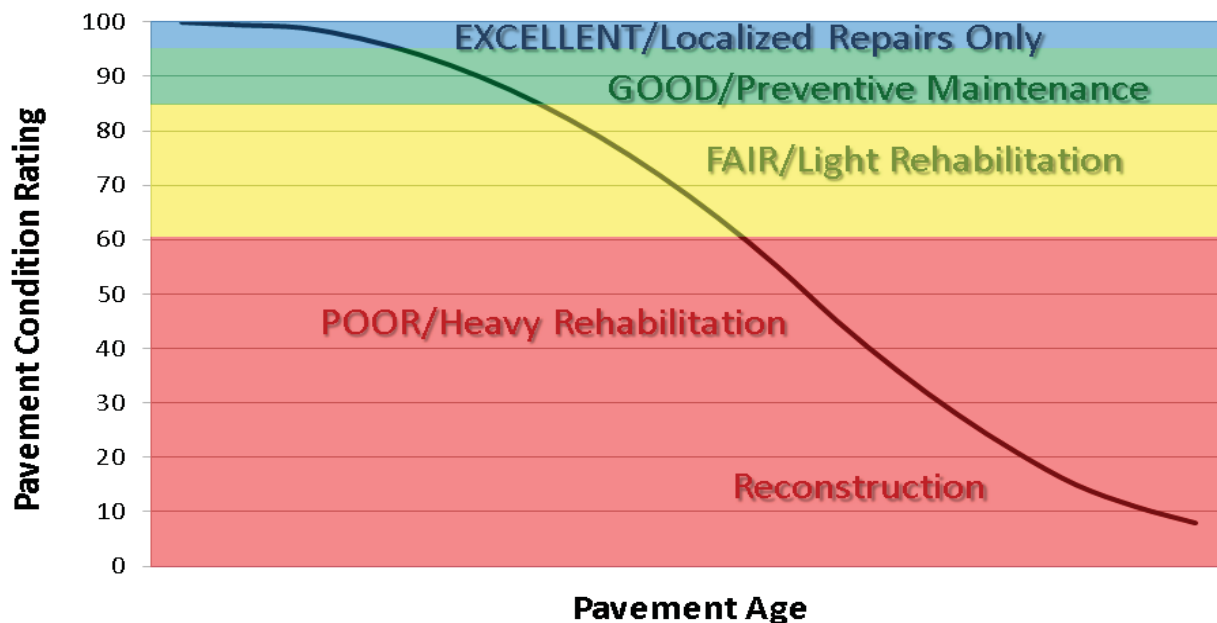
Explanation of the Excellent, Good, Fair and Poor Condition Descriptions

In addition to the RIP Index changes that have been implemented in Cycle 5, we will also aim to provide greater assistance in translating excellent/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 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 the year in which the data was 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.

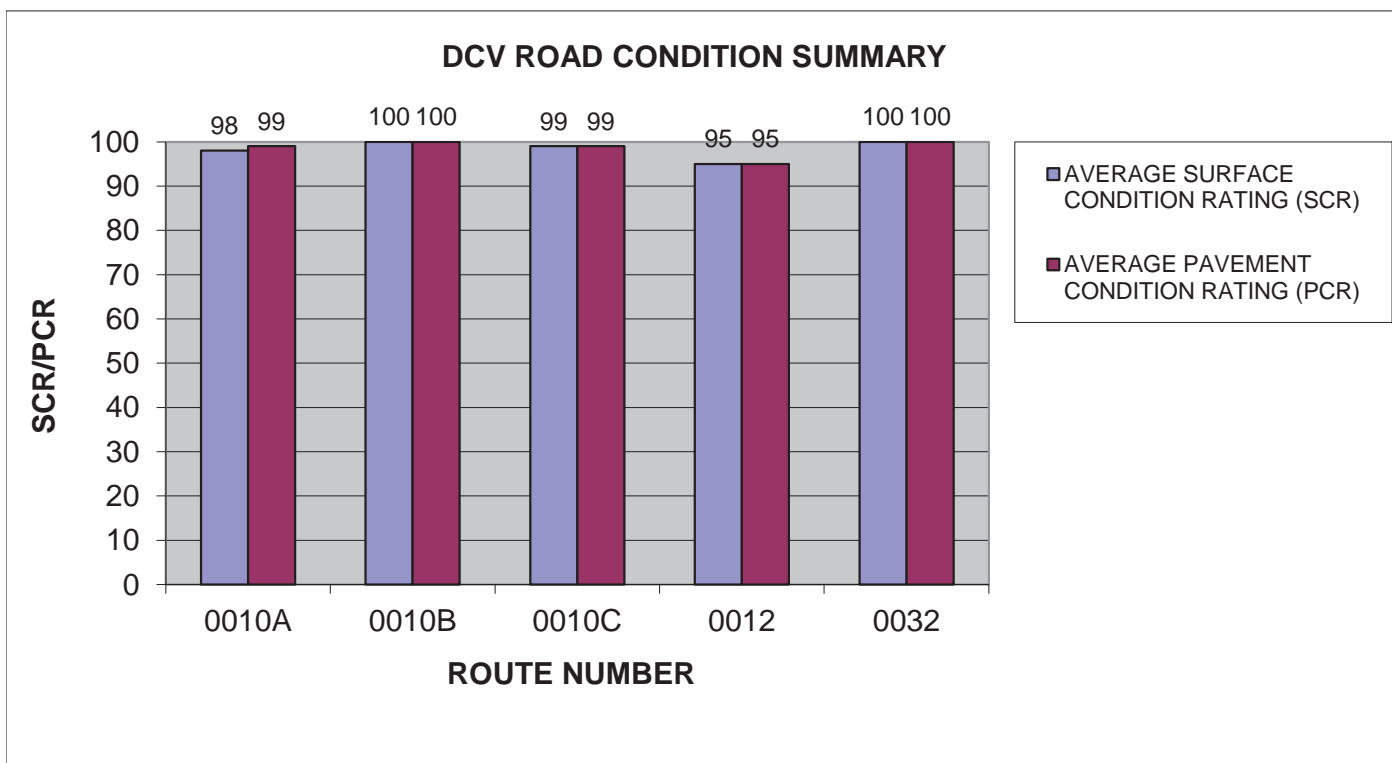
Condition Categories and Treatments



SHEN: DCV ROAD CONDITION SUMMARY

DCV - Data Collection Vehicle

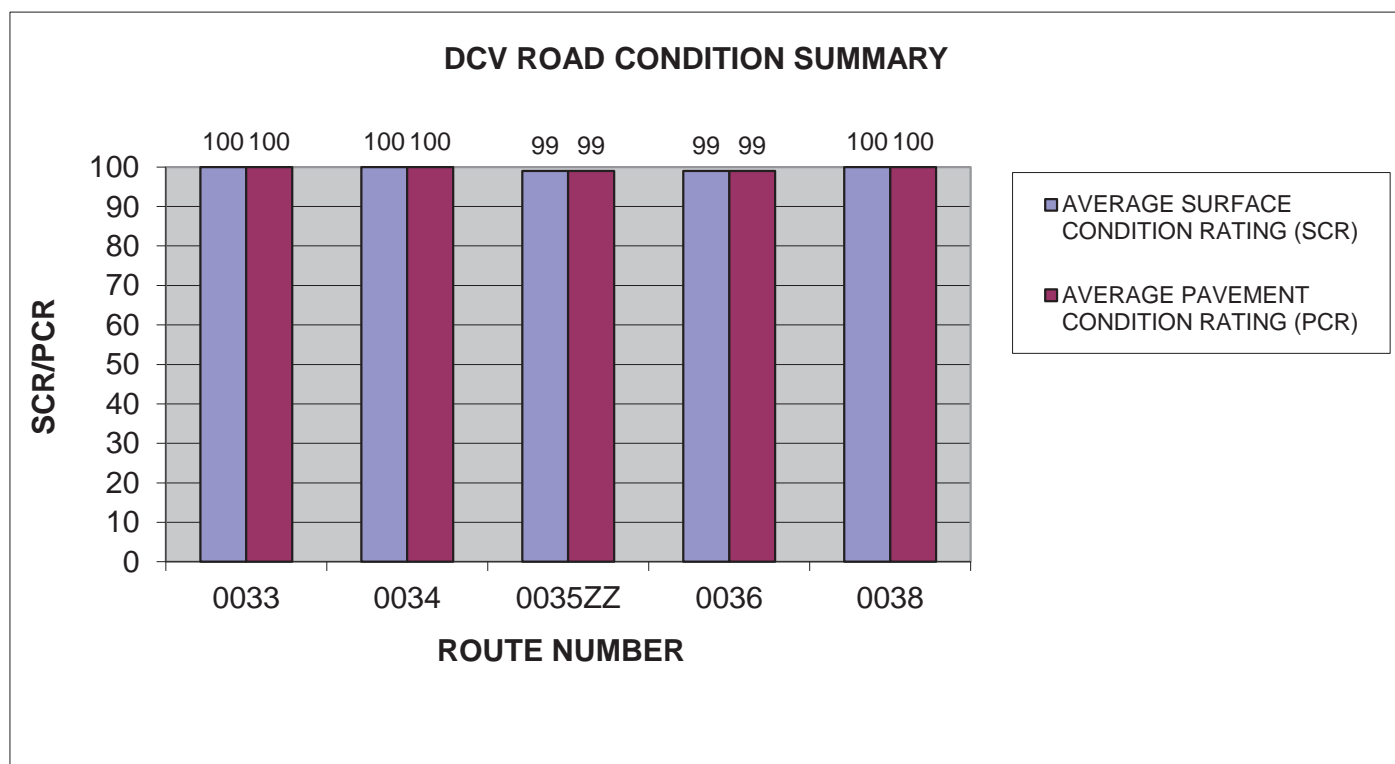
ROUTE NUMBER	ROUTE NAME	FUNCT CLASS	PAVED LENGTH	SURFACE TYPE	AVERAGE SURFACE CONDITION RATING (SCR)	AVERAGE PAVEMENT CONDITION RATING (PCR)
0010A	SKYLINE DRIVE (NORTH)	1	31.63	ASPHALT	98	99
0010B	SKYLINE DRIVE (CENTRAL)	1	34.14	ASPHALT	100	100
0010C	SKYLINE DRIVE (SOUTH)	1	39.89	ASPHALT	99	99
0012	MATHEWS ARM ENTRANCE ROAD	1	0.77	ASPHALT	95	95
0032	SKYLAND UPPER LOOP	1	0.83	ASPHALT	100	100



SHEN: DCV ROAD CONDITION SUMMARY

DCV - Data Collection Vehicle

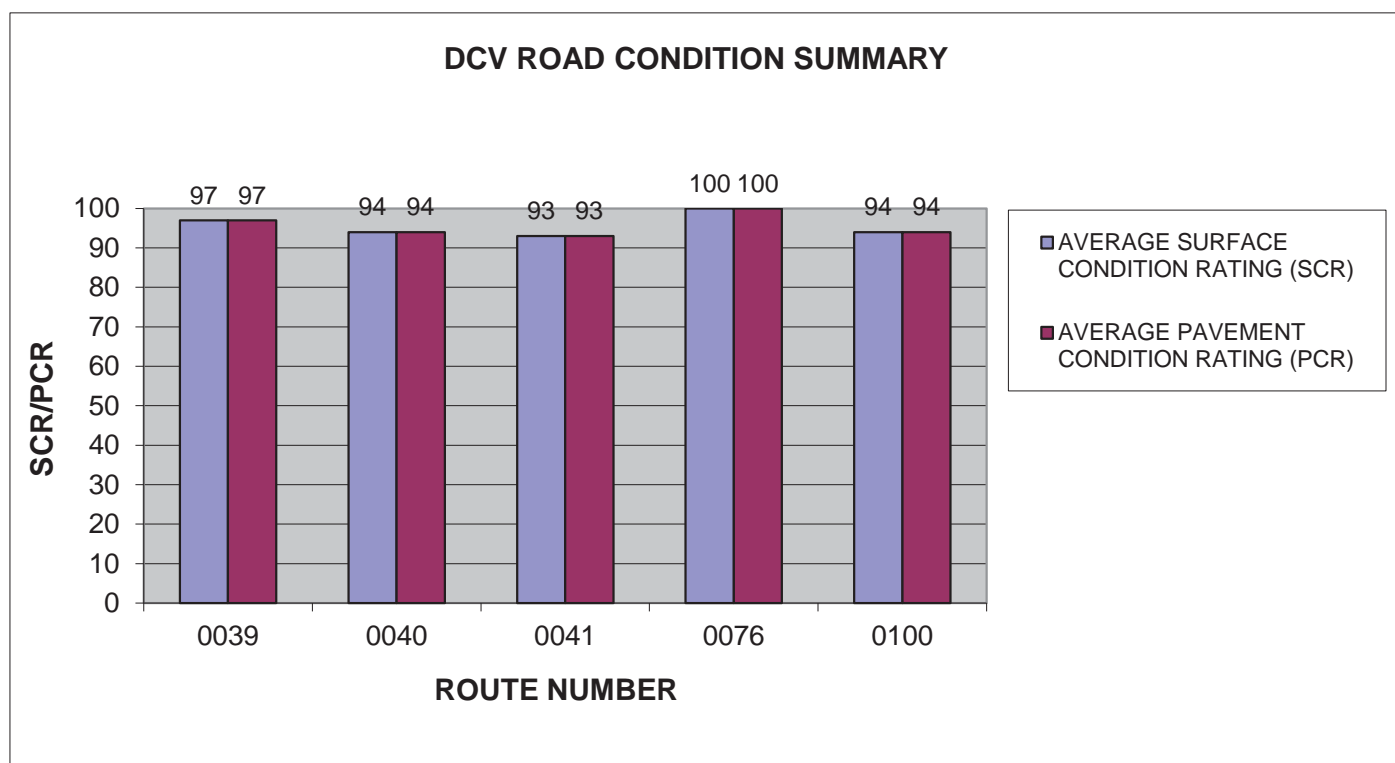
ROUTE NUMBER	ROUTE NAME	FUNCT CLASS	PAVED LENGTH	SURFACE TYPE	AVERAGE SURFACE CONDITION RATING (SCR)	AVERAGE PAVEMENT CONDITION RATING (PCR)
0033	SKYLAND LOWER LOOP	1	0.71	ASPHALT	100	100
0034	BIG MEADOWS ENTRANCE ROAD	1	0.74	ASPHALT	100	100
0035ZZ	BIG MEADOWS CAMPGROUND ACCESS ROADS	2	0.30	ASPHALT	99	99
0036	BIG MEADOWS MAINTENANCE ACCESS AND TRAILER DUMP	2	0.16	ASPHALT	99	99
0038	BIG MEADOWS VISITOR CENTER ACCESS ROAD	1	0.28	ASPHALT	100	100



SHEN: DCV ROAD CONDITION SUMMARY

DCV - Data Collection Vehicle

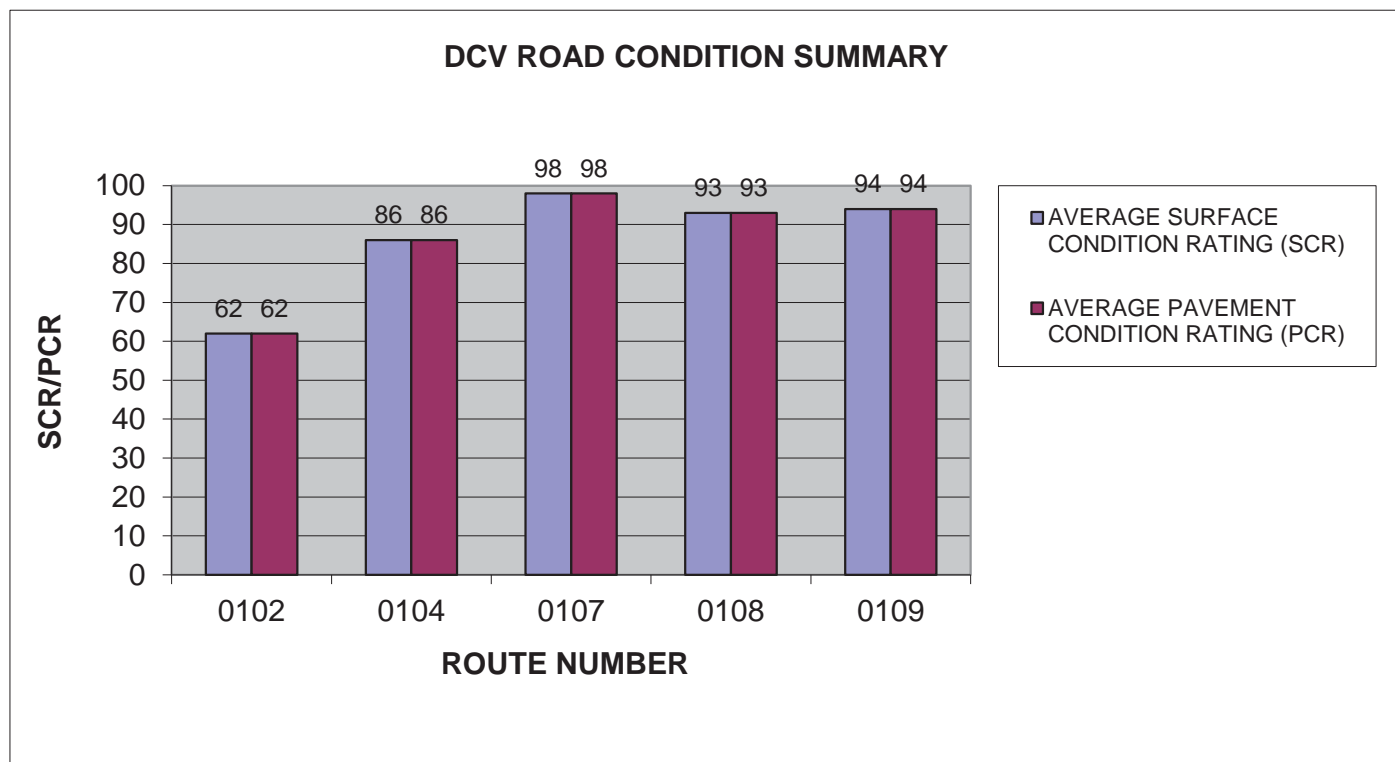
ROUTE NUMBER	ROUTE NAME	FUNCT CLASS	PAVED LENGTH	SURFACE TYPE	AVERAGE SURFACE CONDITION RATING (SCR)	AVERAGE PAVEMENT CONDITION RATING (PCR)
0039	LEWIS MOUNTAIN ENTRANCE ROAD	1	0.26	ASPHALT	97	97
0040	SWIFT RUN EXIT RAMP	1	0.31	ASPHALT	94	94
0041	SWIFT RUN ENTRANCE RAMP	1	0.30	ASPHALT	93	93
0076	LOFT MOUNTAIN CAMPGROUND ACCESS	1	1.46	ASPHALT	100	100
0100	NORTH ENTRANCE RESIDENCE	2	0.12	ASPHALT	94	94



SHEN: DCV ROAD CONDITION SUMMARY

DCV - Data Collection Vehicle

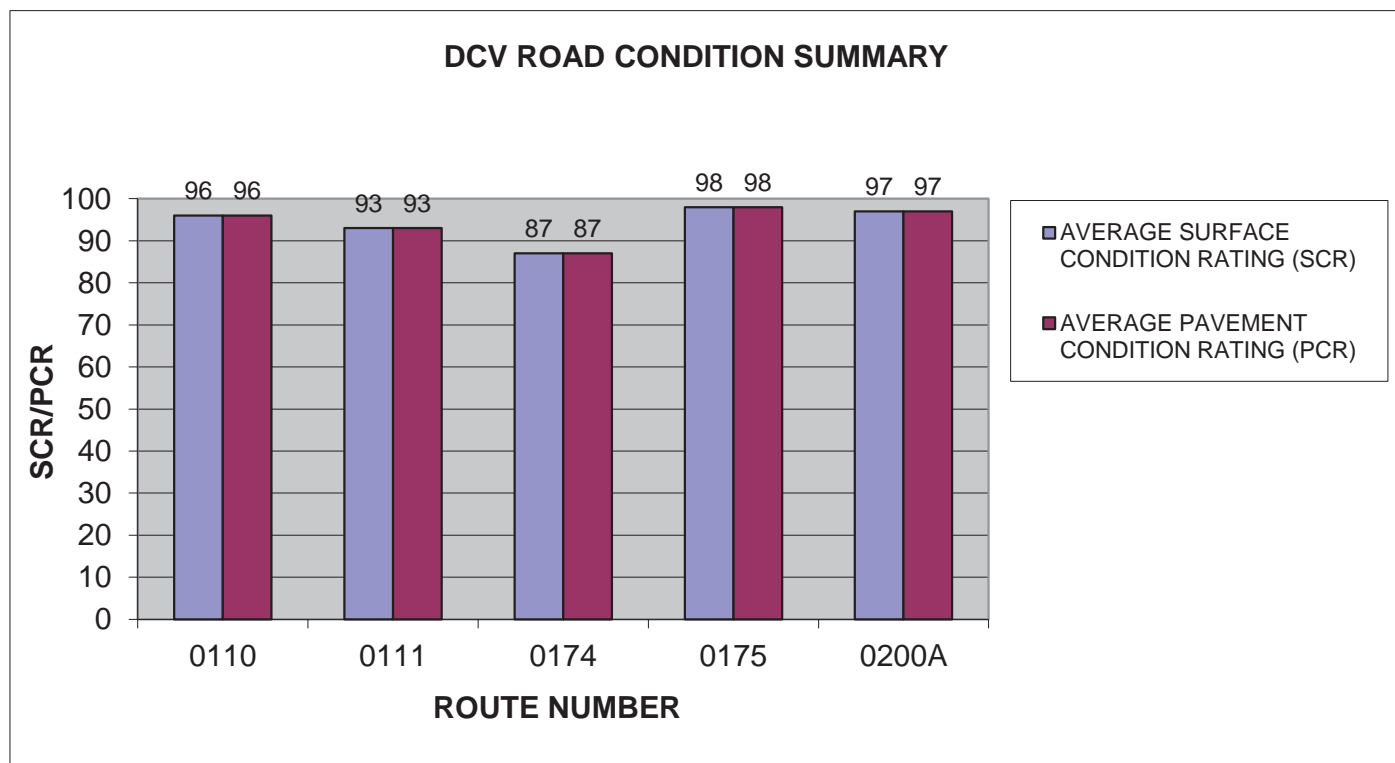
ROUTE NUMBER	ROUTE NAME	FUNCT CLASS	PAVED LENGTH	SURFACE TYPE	AVERAGE SURFACE CONDITION RATING (SCR)	AVERAGE PAVEMENT CONDITION RATING (PCR)
0102	DICKEY RIDGE MAINTENANCE LOOP ROAD	2	0.20	ASPHALT	62	62
0104	HEADQUARTERS ACCESS ROAD	1	0.28	ASPHALT	86	86
0107	PINEY RIVER AREA	2	0.16	ASPHALT	98	98
0108	THORNTON GAP NORTHBOUND EXIT RAMP	1	0.18	ASPHALT	93	93
0109	THORNTON GAP MAIN ENTRANCE RAMP	1	0.39	ASPHALT	94	94



SHEN: DCV ROAD CONDITION SUMMARY

DCV - Data Collection Vehicle

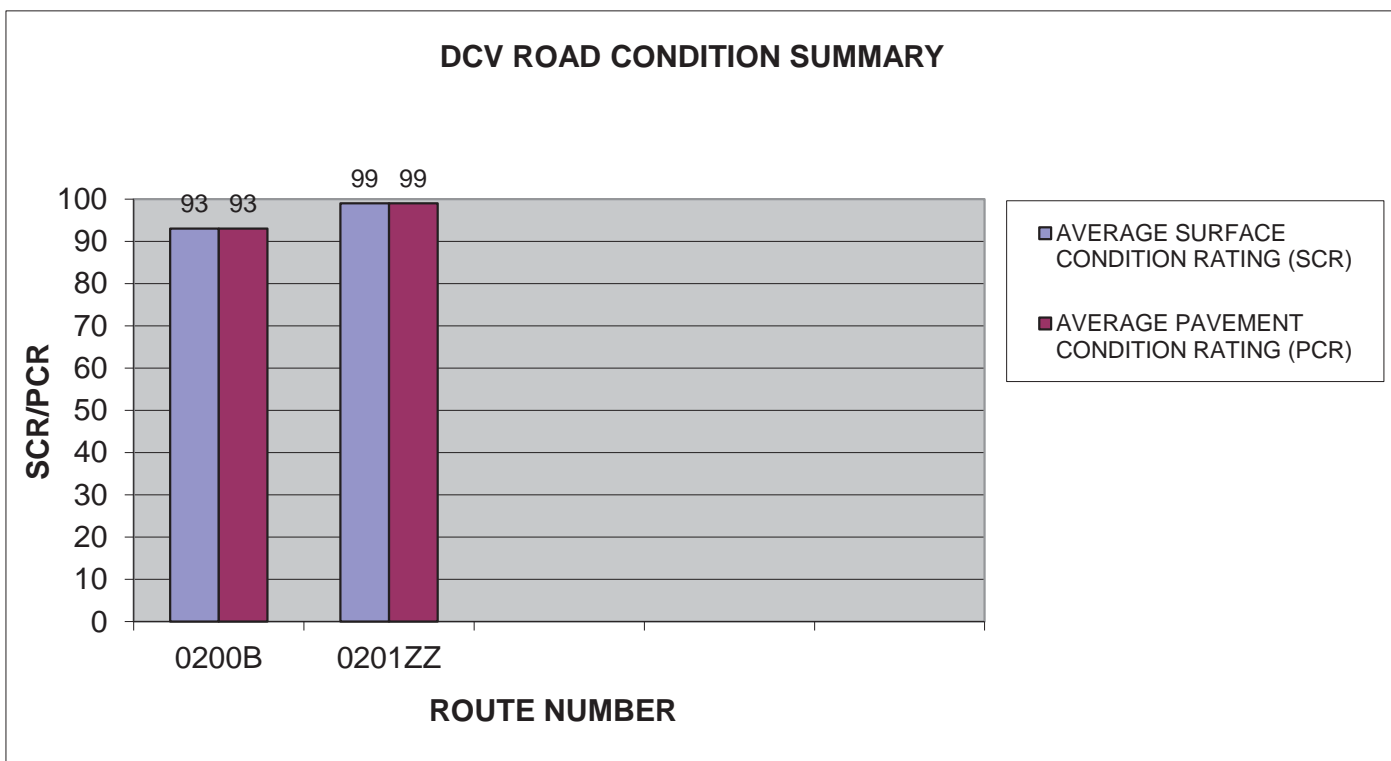
ROUTE NUMBER	ROUTE NAME	FUNCT CLASS	PAVED LENGTH	SURFACE TYPE	AVERAGE SURFACE CONDITION RATING (SCR)	AVERAGE PAVEMENT CONDITION RATING (PCR)
0110	THORNTON GAP ENTRANCE RAMP NORTHBOUND	1	0.12	ASPHALT	96	96
0111	THORNTON GAP EXIT RAMP SOUTHBOUND	1	0.25	ASPHALT	93	93
0174	SIMMONS GAP RANGER STATION / RESIDENCE ROAD	2	0.13	ASPHALT	87	87
0175	SIMMONS GAP AREA RANGER STATION / MAINTENANCE AREA	2	0.19	ASPHALT	98	98
0200A	DUNDO PICNIC GROUND LOOP A	2	0.39	ASPHALT	97	97



SHEN: DCV ROAD CONDITION SUMMARY

DCV - Data Collection Vehicle

ROUTE NUMBER	ROUTE NAME	FUNCT CLASS	PAVED LENGTH	SURFACE TYPE	AVERAGE SURFACE CONDITION RATING (SCR)	AVERAGE PAVEMENT CONDITION RATING (PCR)
0200B	DUNDO PICNIC GROUND LOOP B	2	0.08	ASPHALT	93	93
0201ZZ	BIG MEADOWS LODGE ACCESS	2	0.84	ASPHALT	99	99



Section 4

Park Route Location Maps

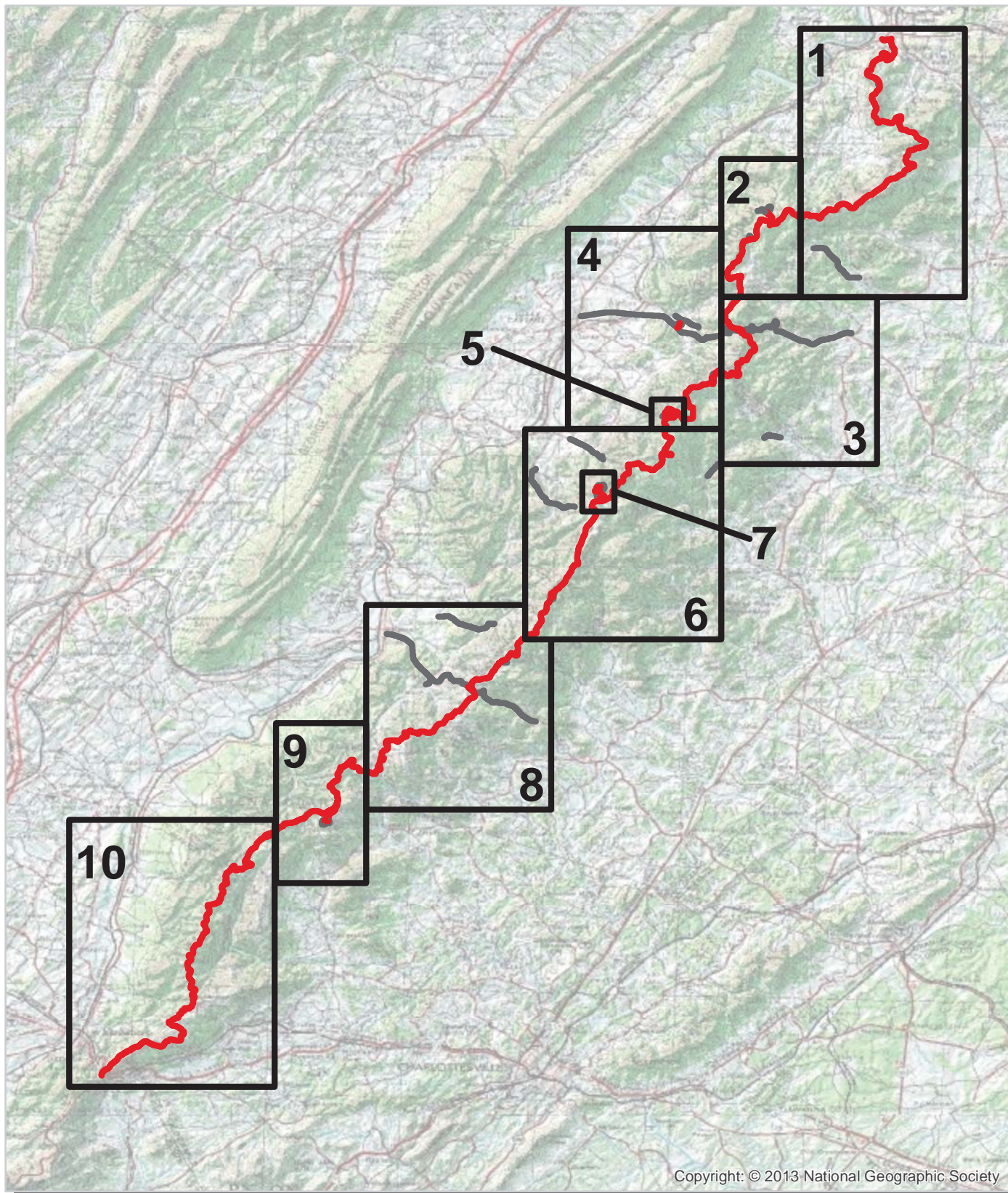


Shenandoah National Park



Federal Lands Highway
Road Inventory Program

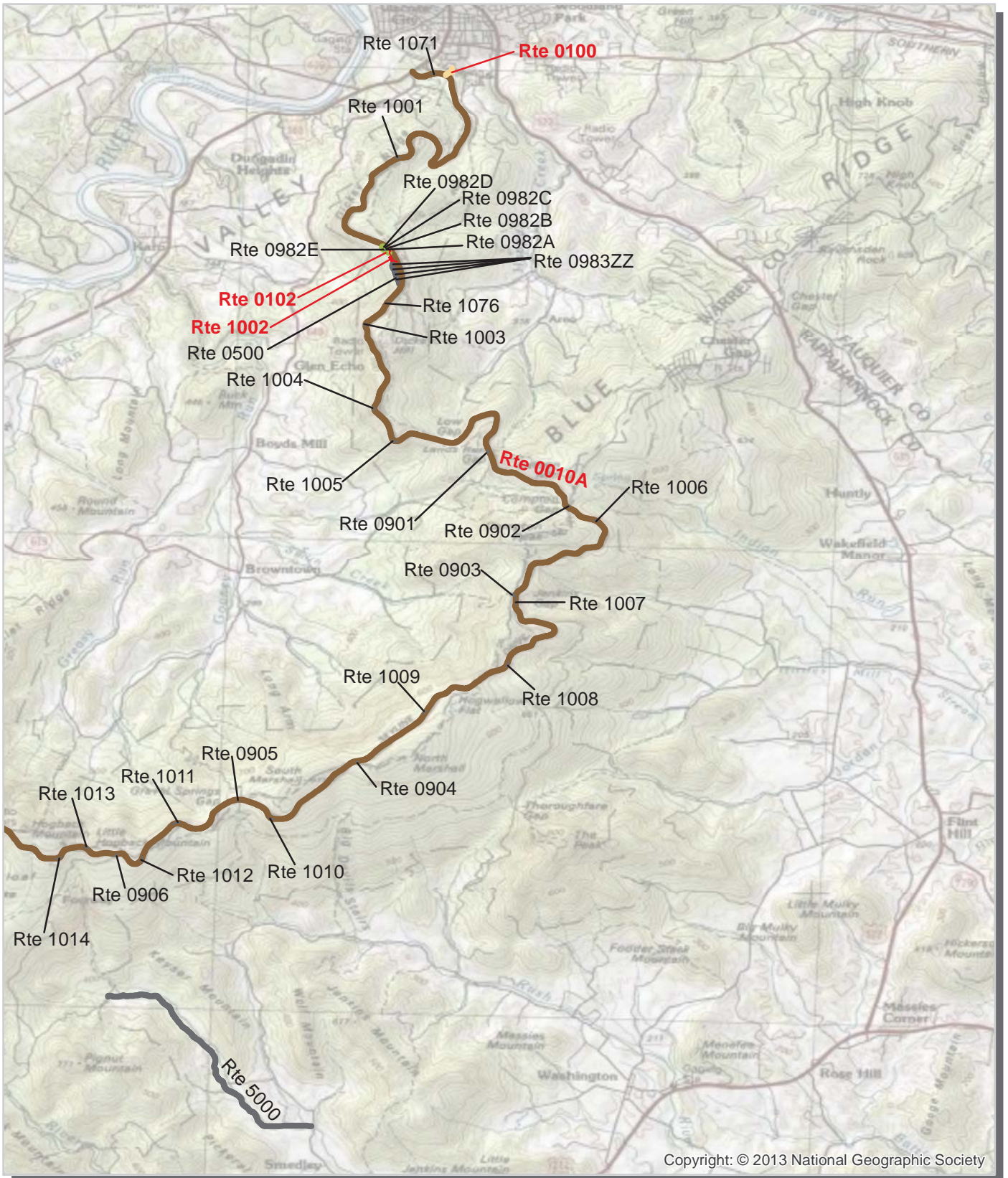
Shenandoah National Park
Route Location Map
Key Map



 Cycle 5 Collected Routes
 Routes Collected in Previous Cycle



Shenandoah National Park Route Location Map Area 1



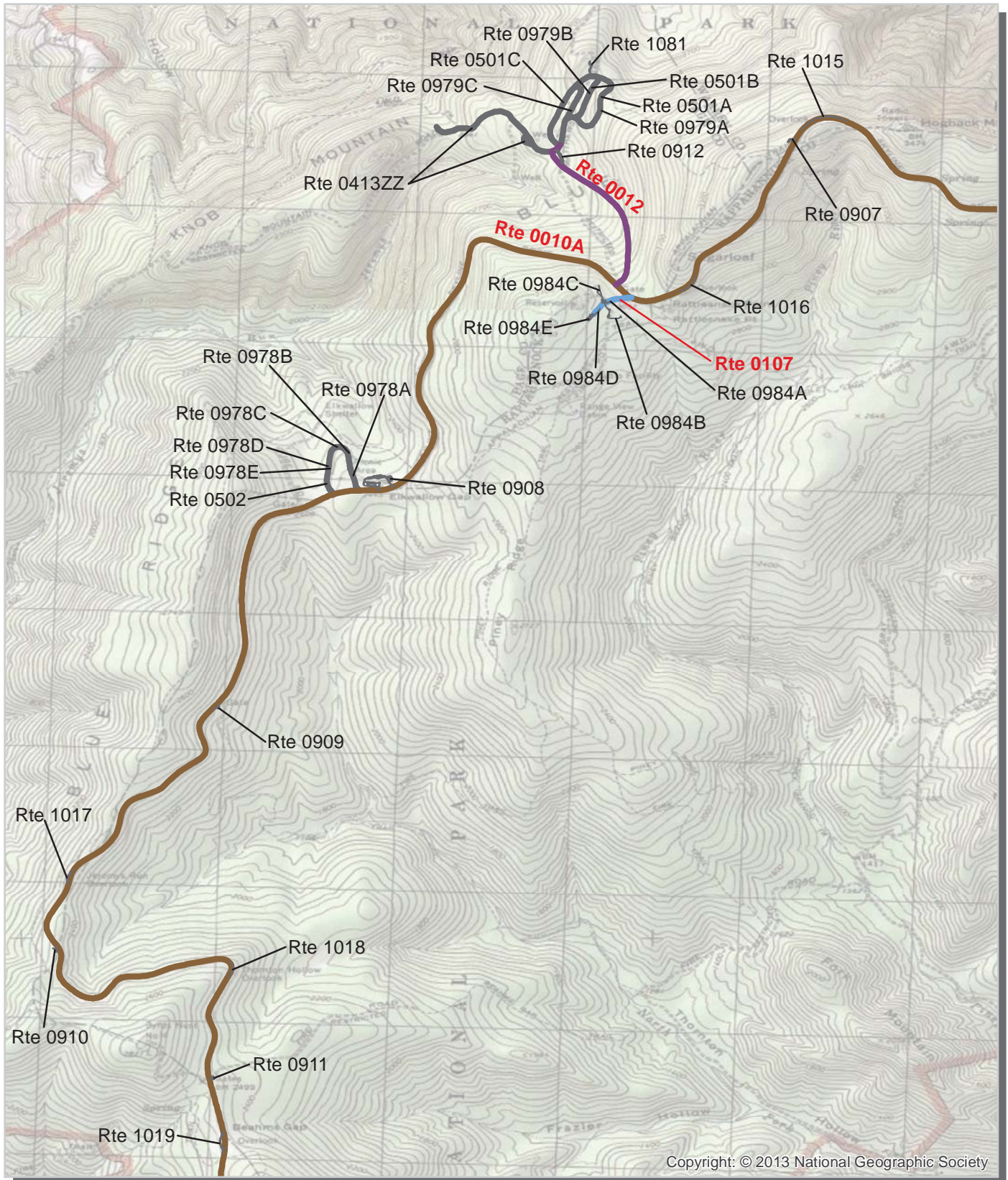
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Unique colors used to differentiate routes

Routes Collected in Previous Cycle



Shenandoah National Park Route Location Map Area 2

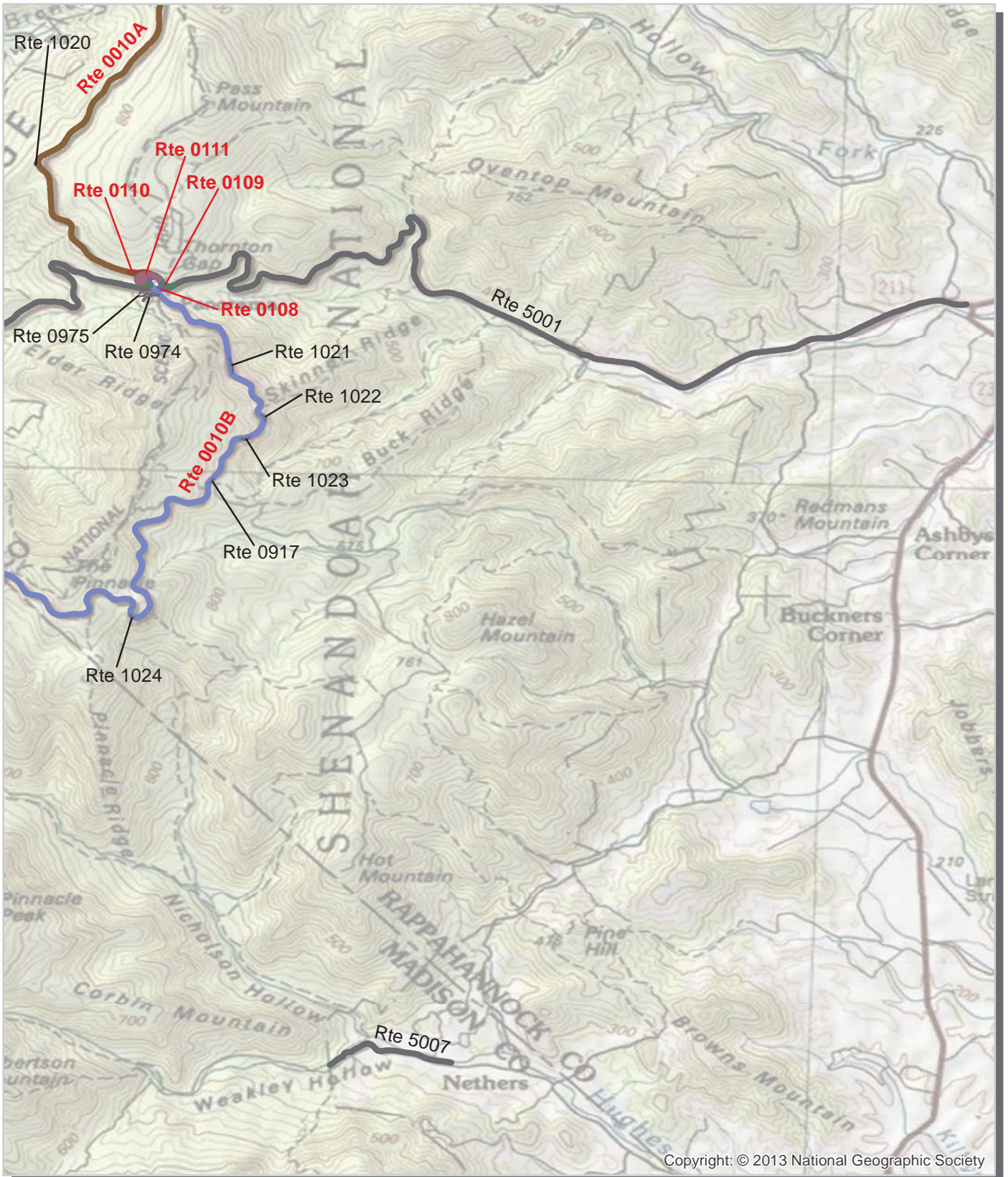


Unique colors used to differentiate routes

Routes Collected in Previous Cycle

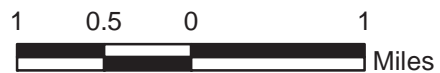


Shenandoah National Park Route Location Map Area 3

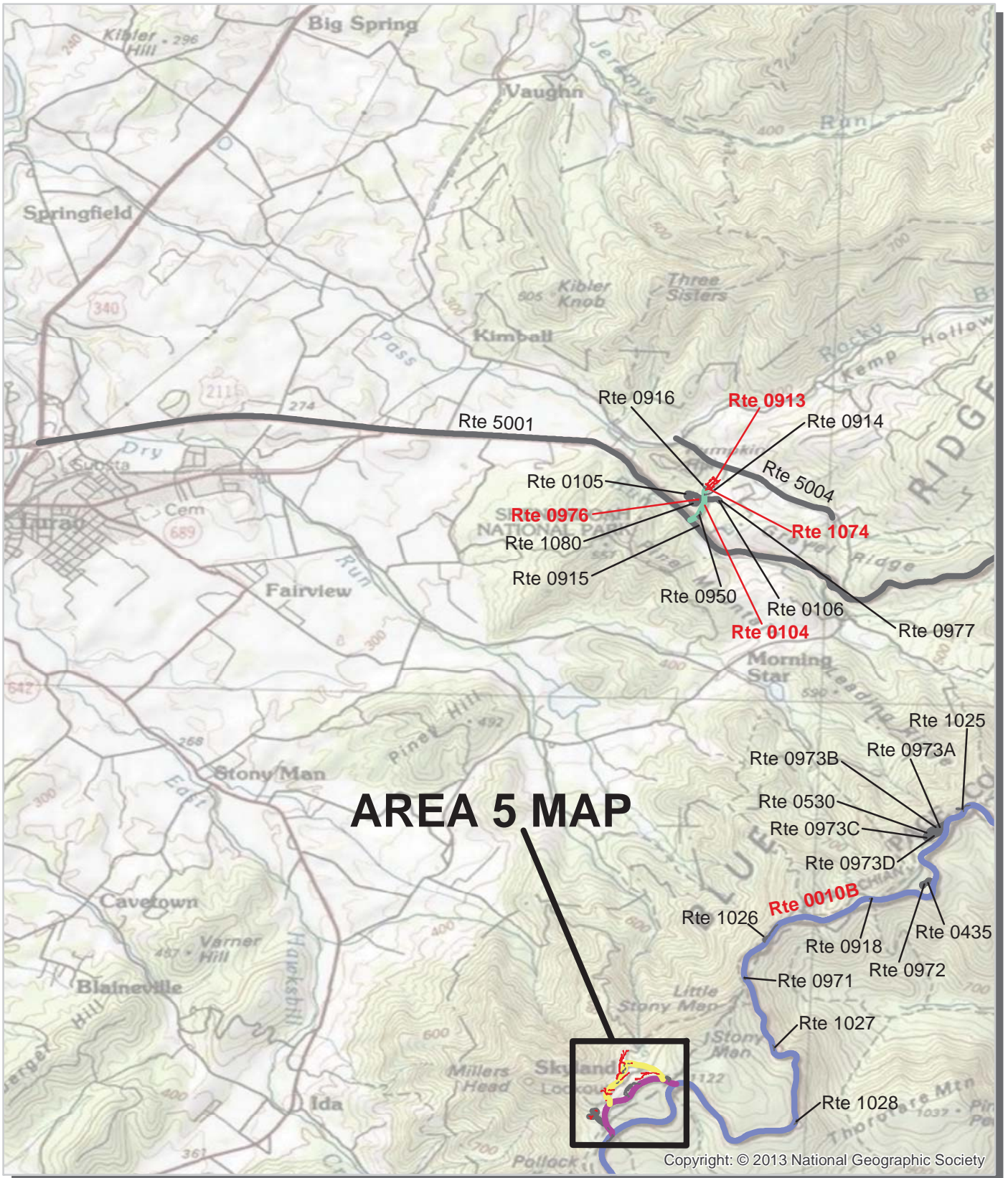


Unique colors used to differentiate routes

— Routes Collected in Previous Cycle



Shenandoah National Park Route Location Map Area 4



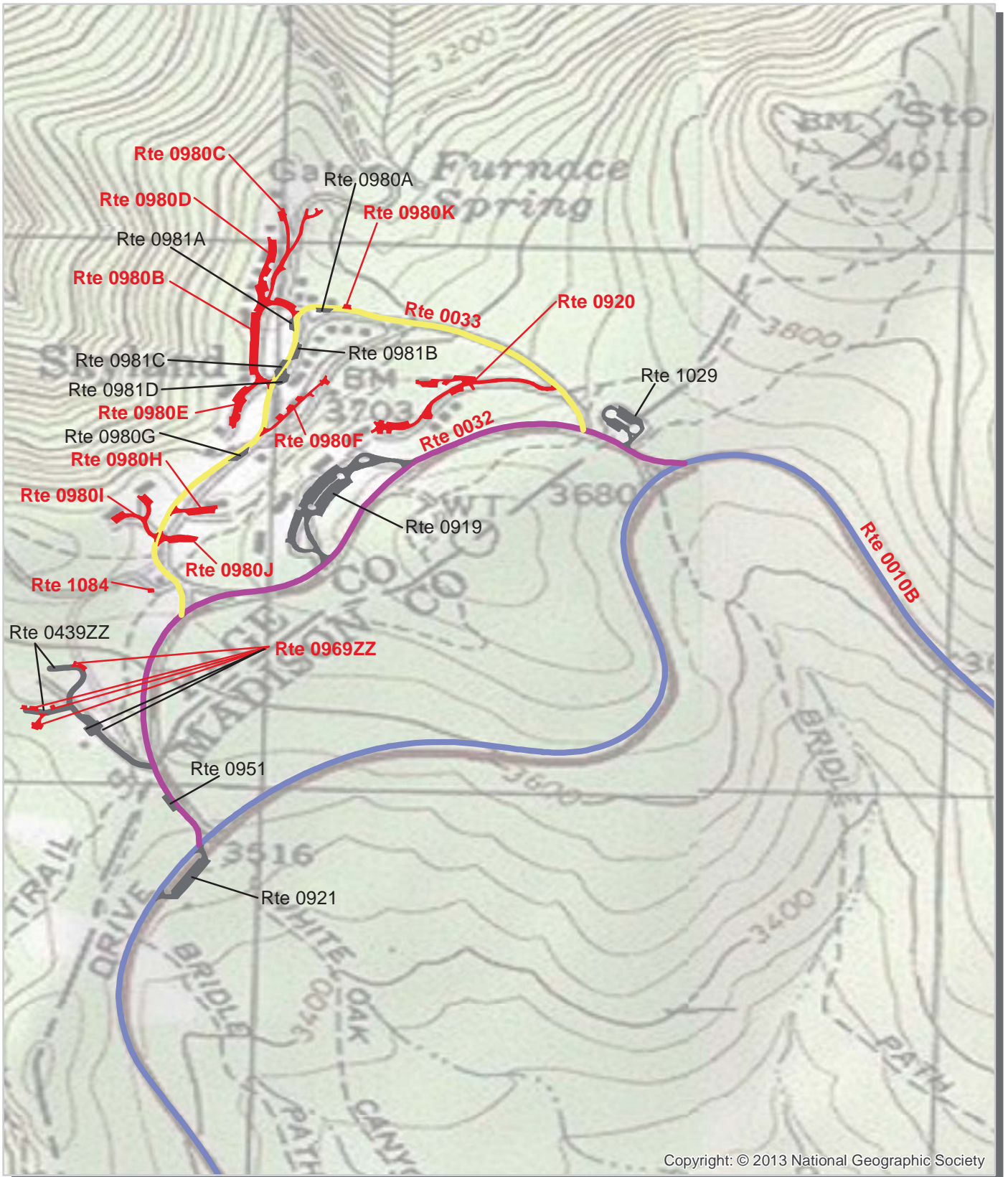
AREA 5 MAP

Unique colors used to differentiate routes

Routes Collected in Previous Cycle

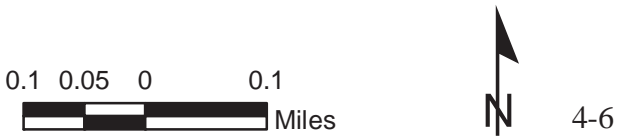


Shenandoah National Park Route Location Map Area 5

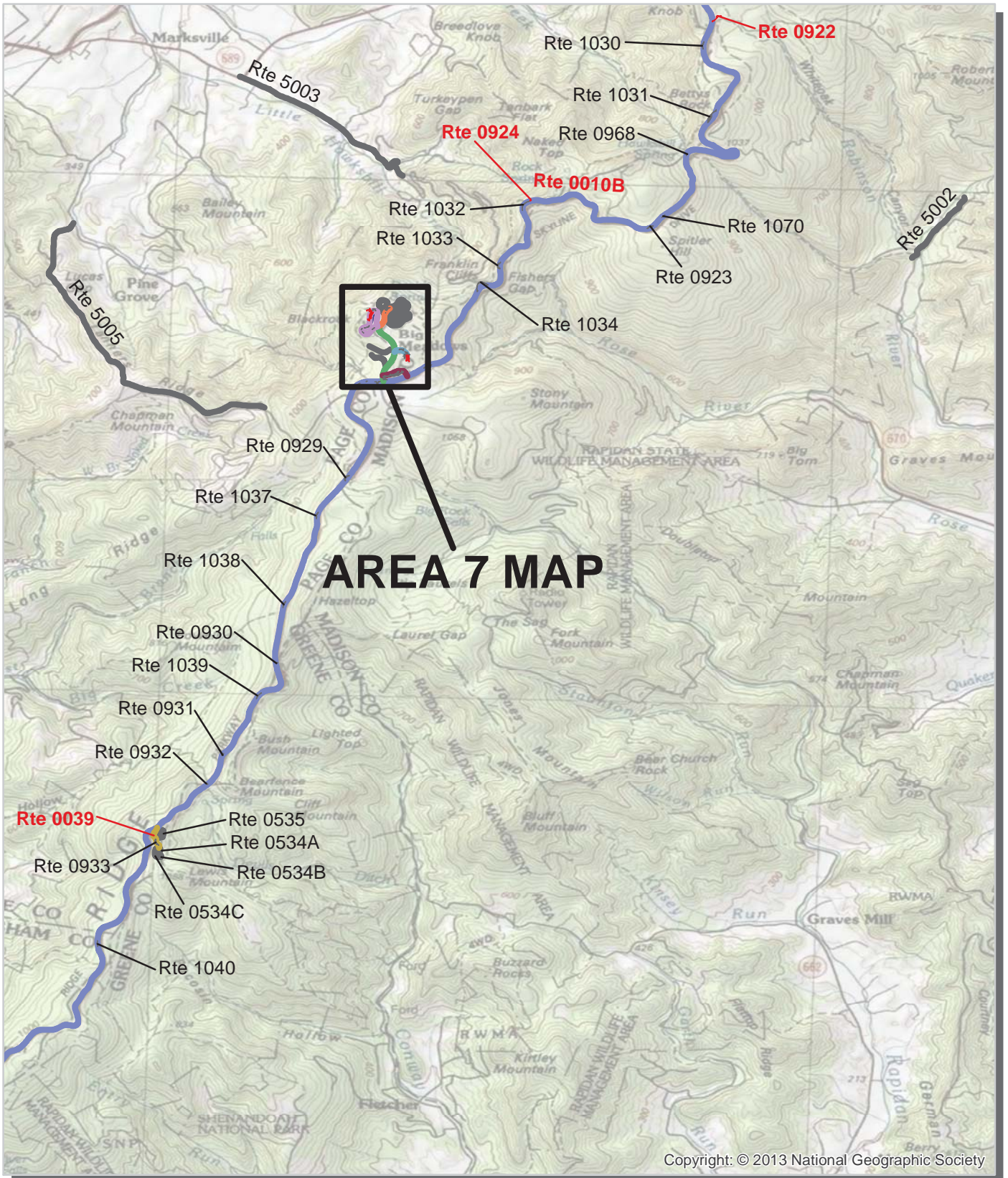


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Unique colors used to differentiate routes
 Routes Collected in Previous Cycle

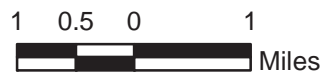


Shenandoah National Park Route Location Map Area 6

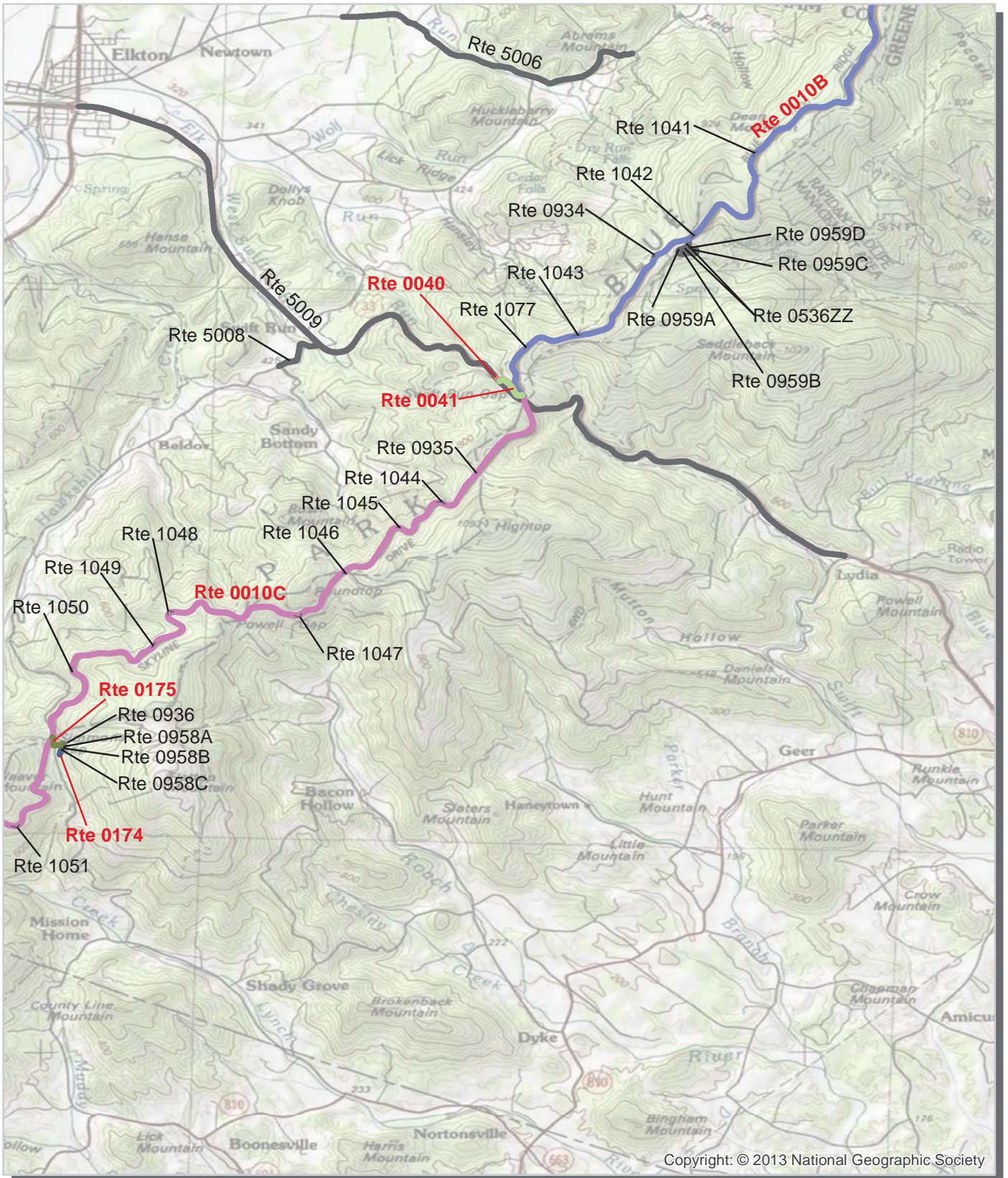


Unique colors used to differentiate routes

— Routes Collected in Previous Cycle

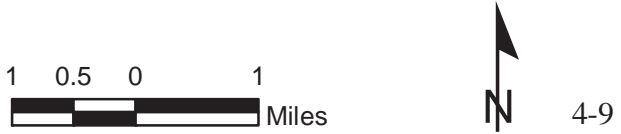


Shenandoah National Park Route Location Map Area 8

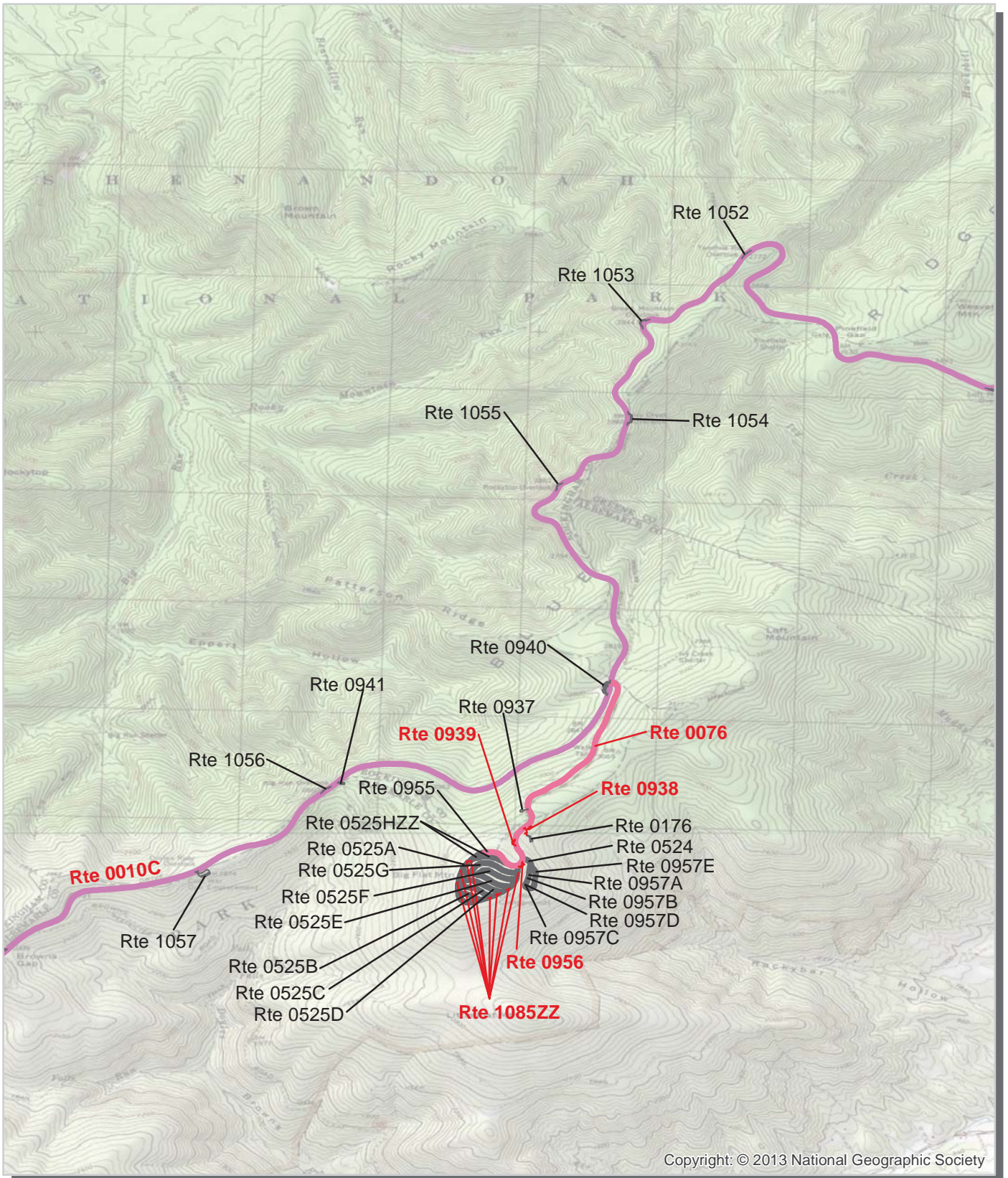


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Unique colors used to differentiate routes
 Routes Collected in Previous Cycle



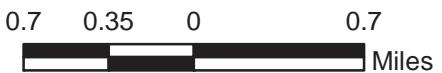
Shenandoah National Park Route Location Map Area 9



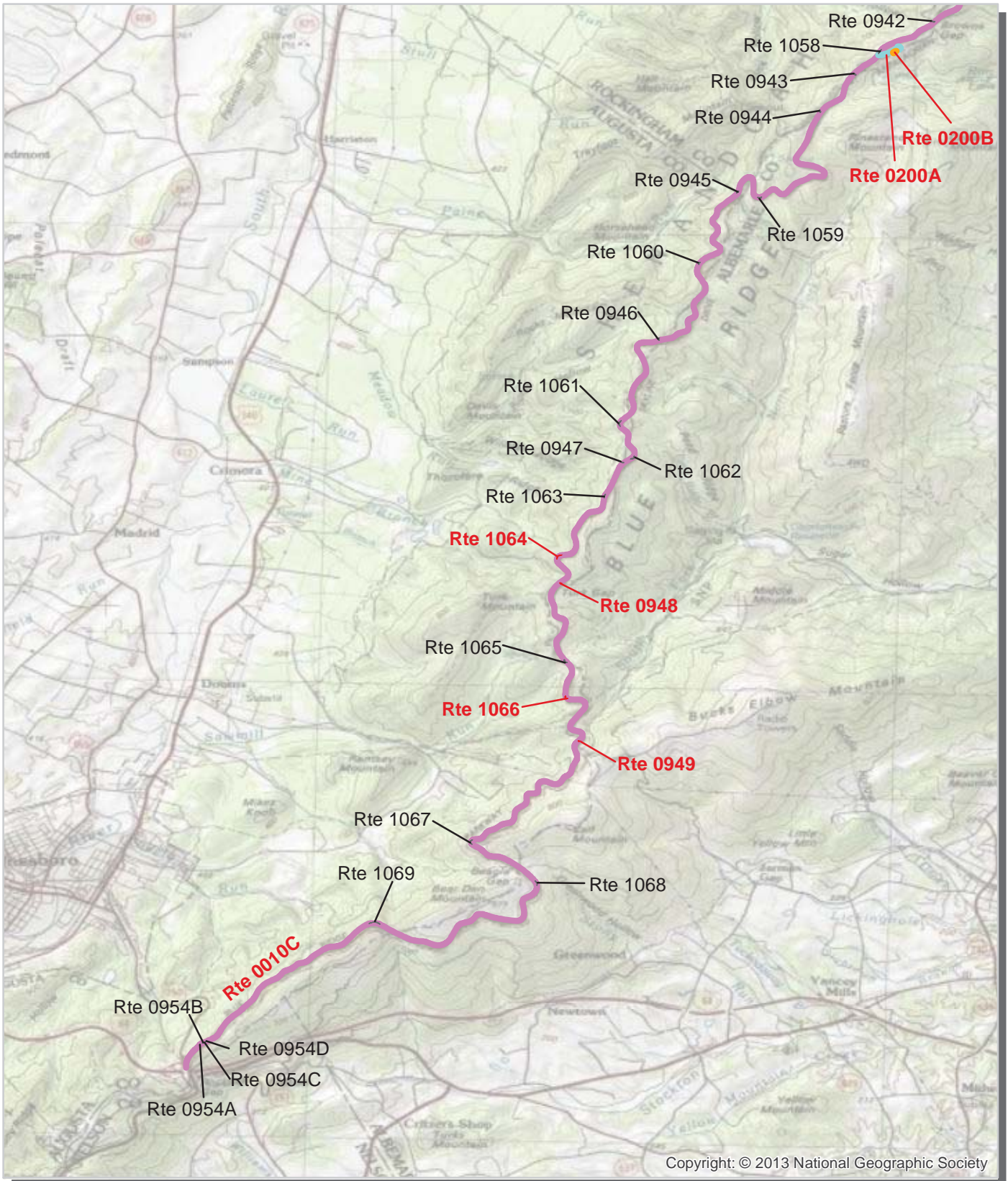
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Unique colors used to differentiate routes

Routes Collected in Previous Cycle



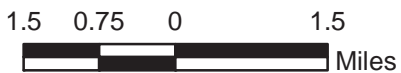
Shenandoah National Park Route Location Map Area 10



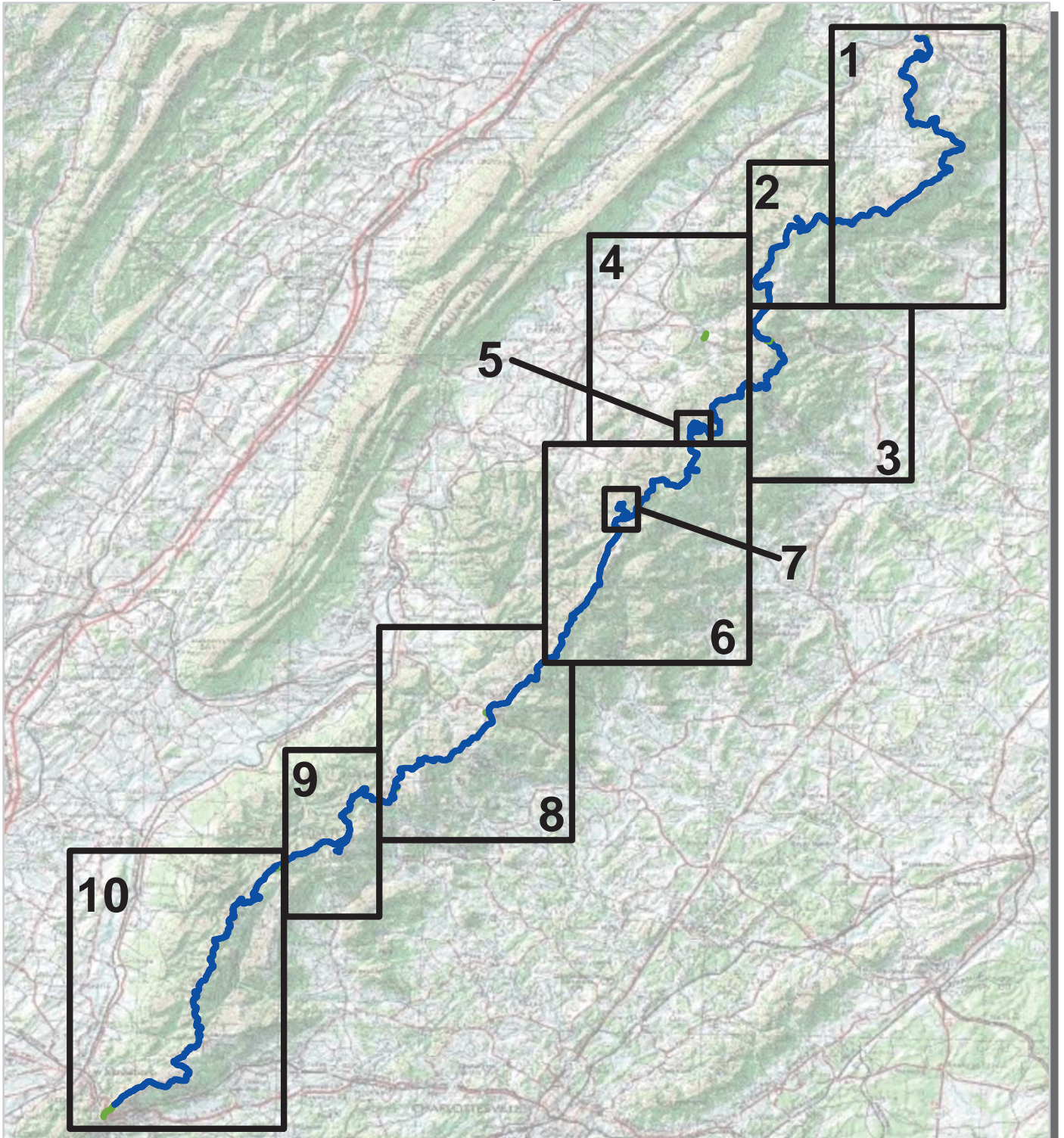
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Unique colors used to differentiate routes

— Routes Collected in Previous Cycle



**Shenandoah National Park
Route Condition Map
PCR - Mile by Mile
Key Map**



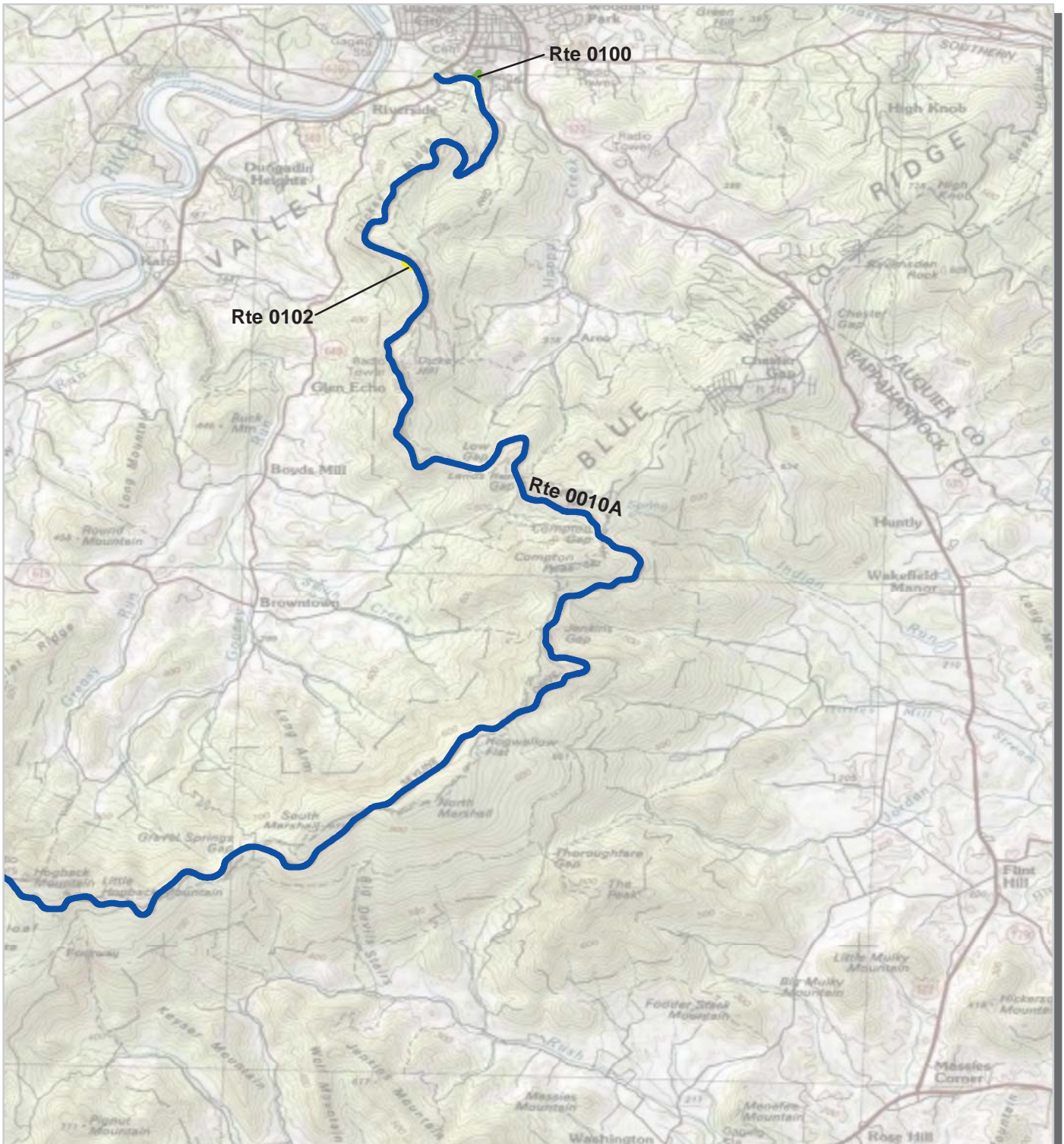
PCR	Poor		Fair		Good		Excellent		No Data	
	(0 - 60)		(61 - 84)	(85 - 94)	(95 - 100)					

* If the PCR rating is not available for a section, the SCR rating will be displayed. See appendix for definitions and formulas.

Note: Only routes collected by the DCV in Cycle-5 are displayed.

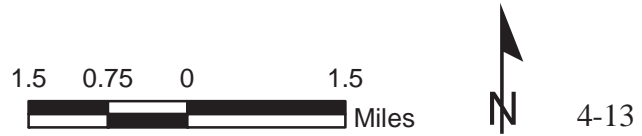


Shenandoah National Park Route Condition Map PCR - Mile by Mile Area 1

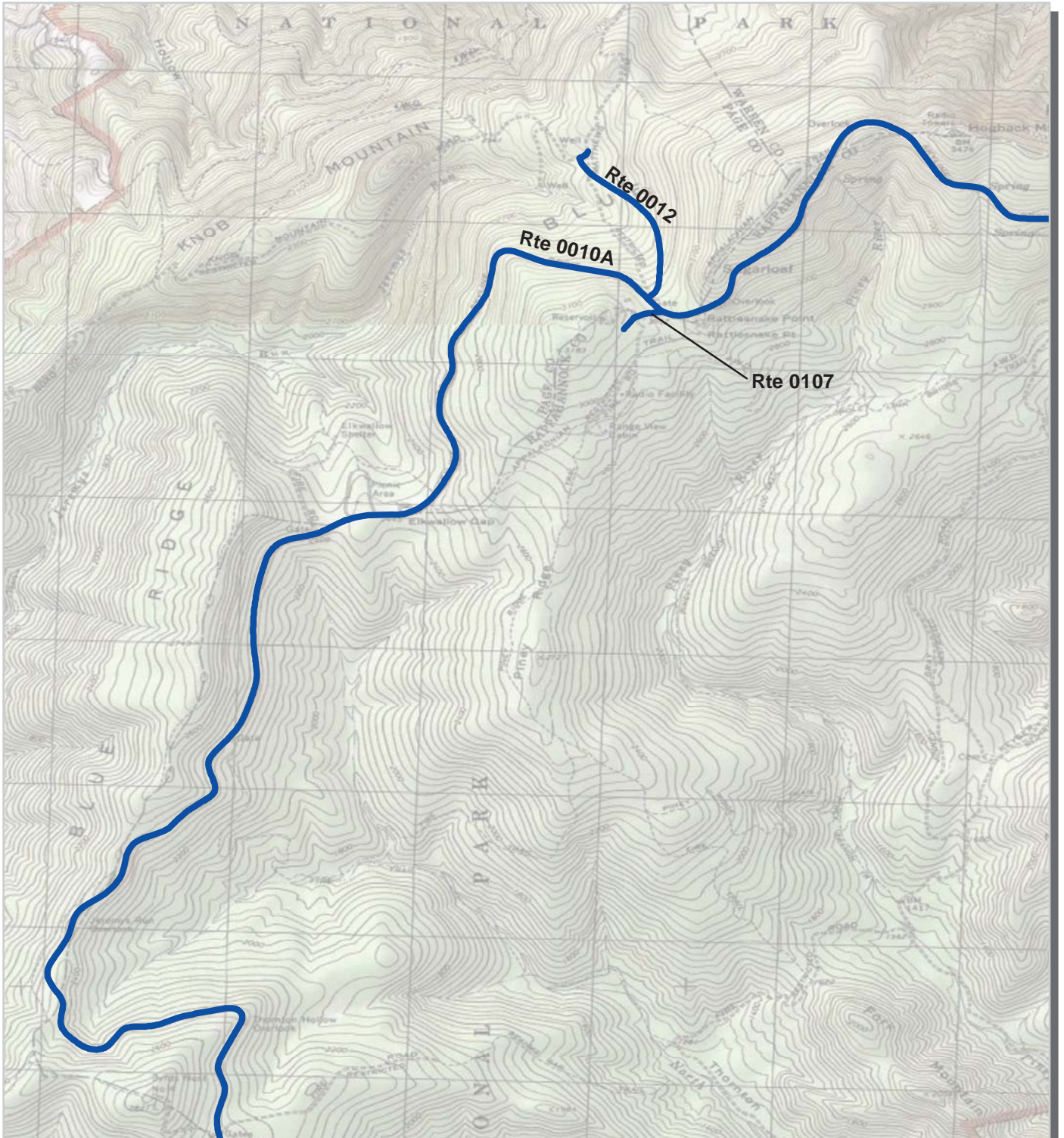


PCR	Poor	Fair	Good	Excellent	No Data
	(0 - 60)	(61 - 84)	(85 - 94)	(95 - 100)	

* If the PCR rating is not available for a section, the SCR rating will be displayed. See appendix for definitions and formulas.

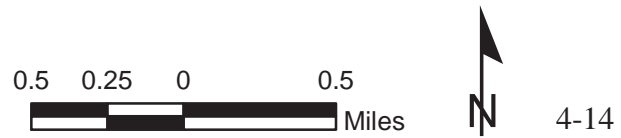


Shenandoah National Park Route Condition Map PCR - Mile by Mile Area 2



PCR	Poor		Fair		Good		Excellent		No Data	
	(0 - 60)		(61 - 84)	(85 - 94)		(95 - 100)				

* If the PCR rating is not available for a section, the SCR rating will be displayed. See appendix for definitions and formulas.

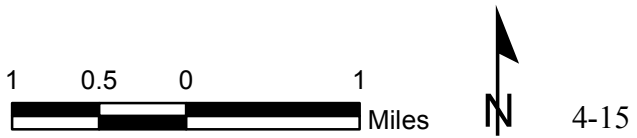


Shenandoah National Park Route Condition Map PCR - Mile by Mile Area 3

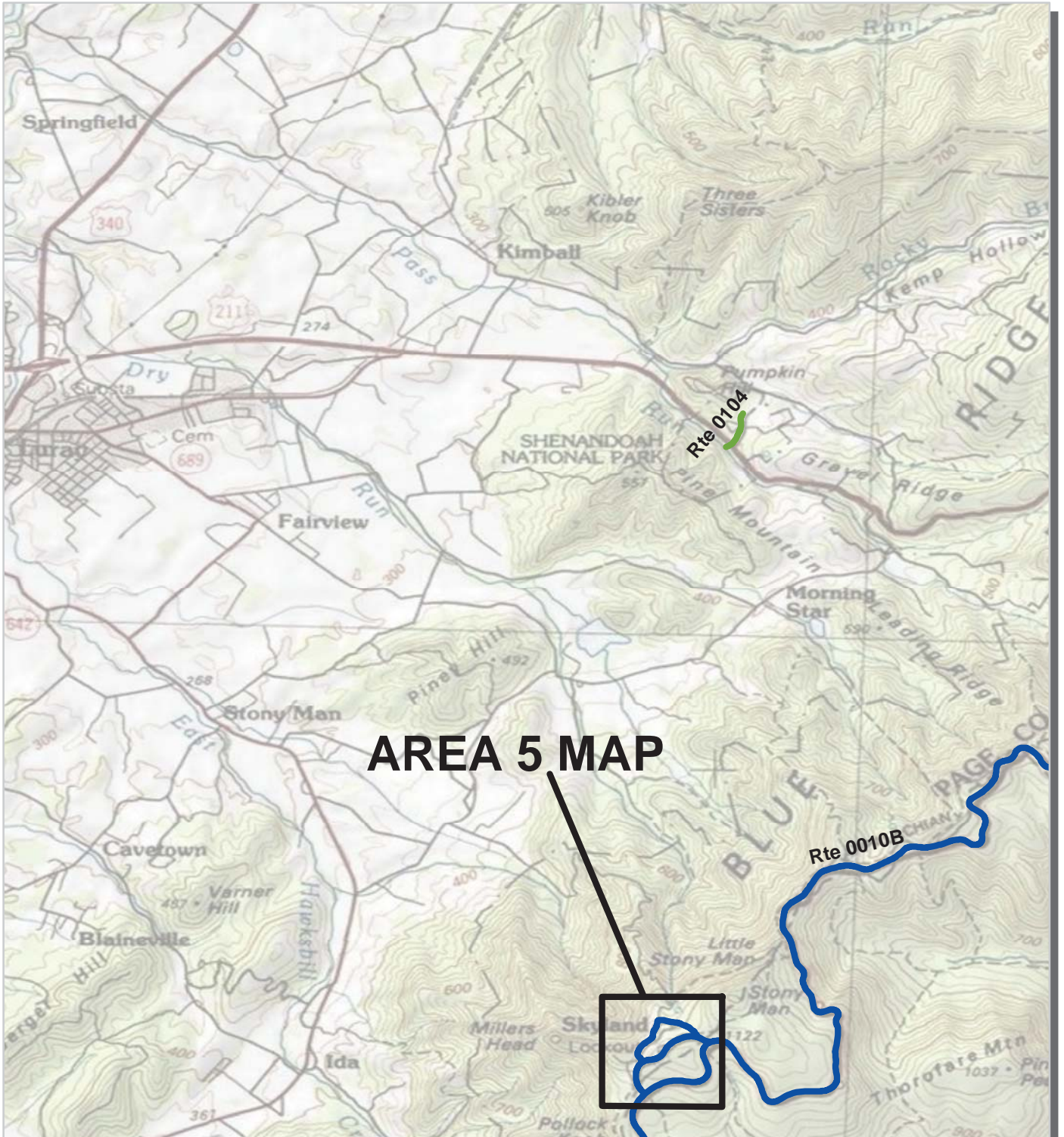


PCR	Poor	Fair	Good	Excellent	No Data
	■	■	■	■	■
	(0 - 60)	(61 - 84)	(85 - 94)	(95 - 100)	

* If the PCR rating is not available for a section, the SCR rating will be displayed. See appendix for definitions and formulas.

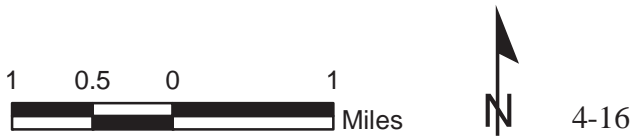


**Shenandoah National Park
Route Condition Map
PCR - Mile by Mile
Area 4**

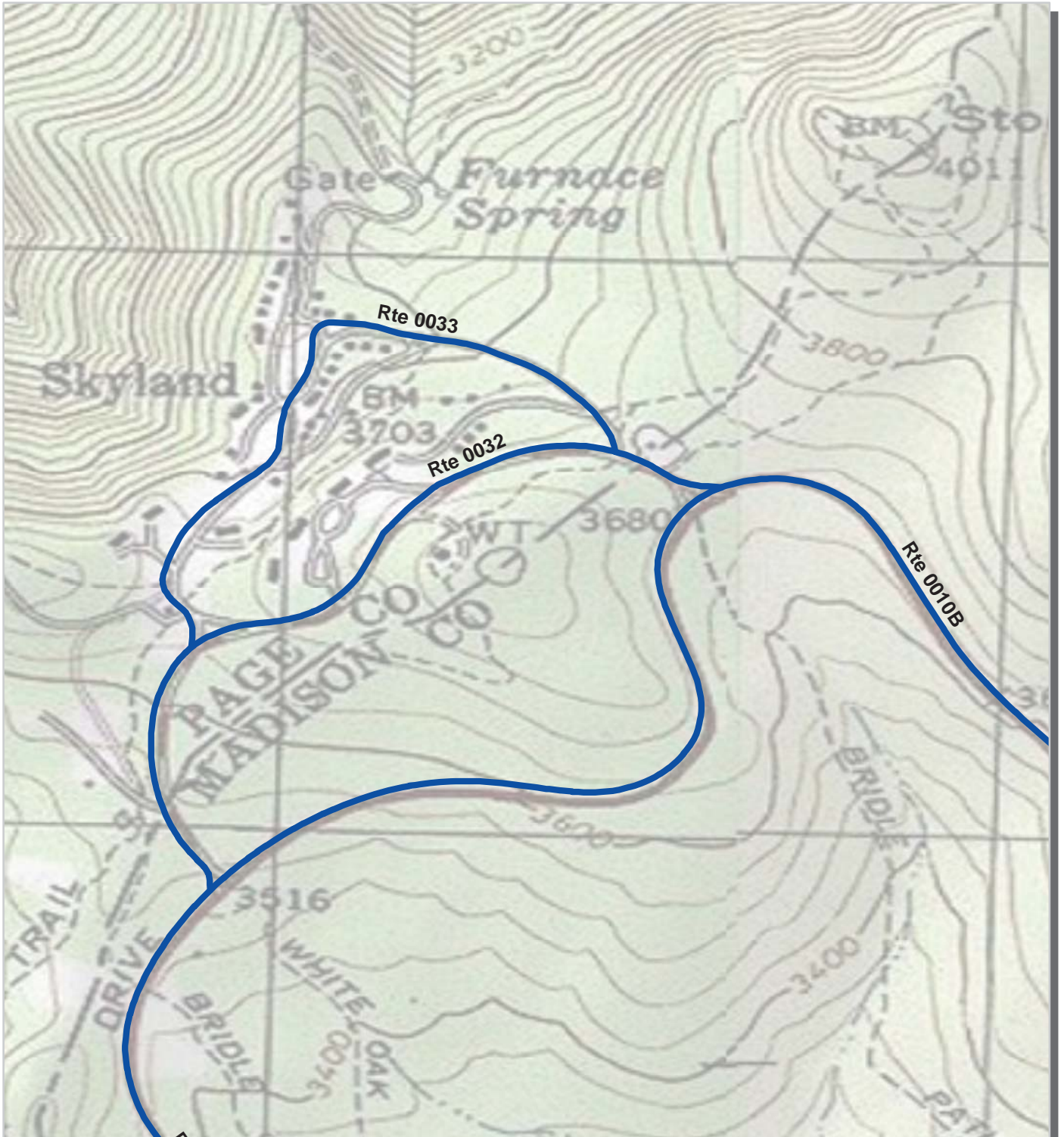


PCR	Poor	Fair	Good	Excellent	No Data
	(0 - 60)	(61 - 84)	(85 - 94)	(95 - 100)	

* If the PCR rating is not available for a section, the SCR rating will be displayed. See appendix for definitions and formulas.

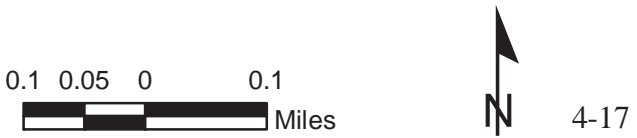


**Shenandoah National Park
Route Condition Map
PCR - Mile by Mile
Area 5**

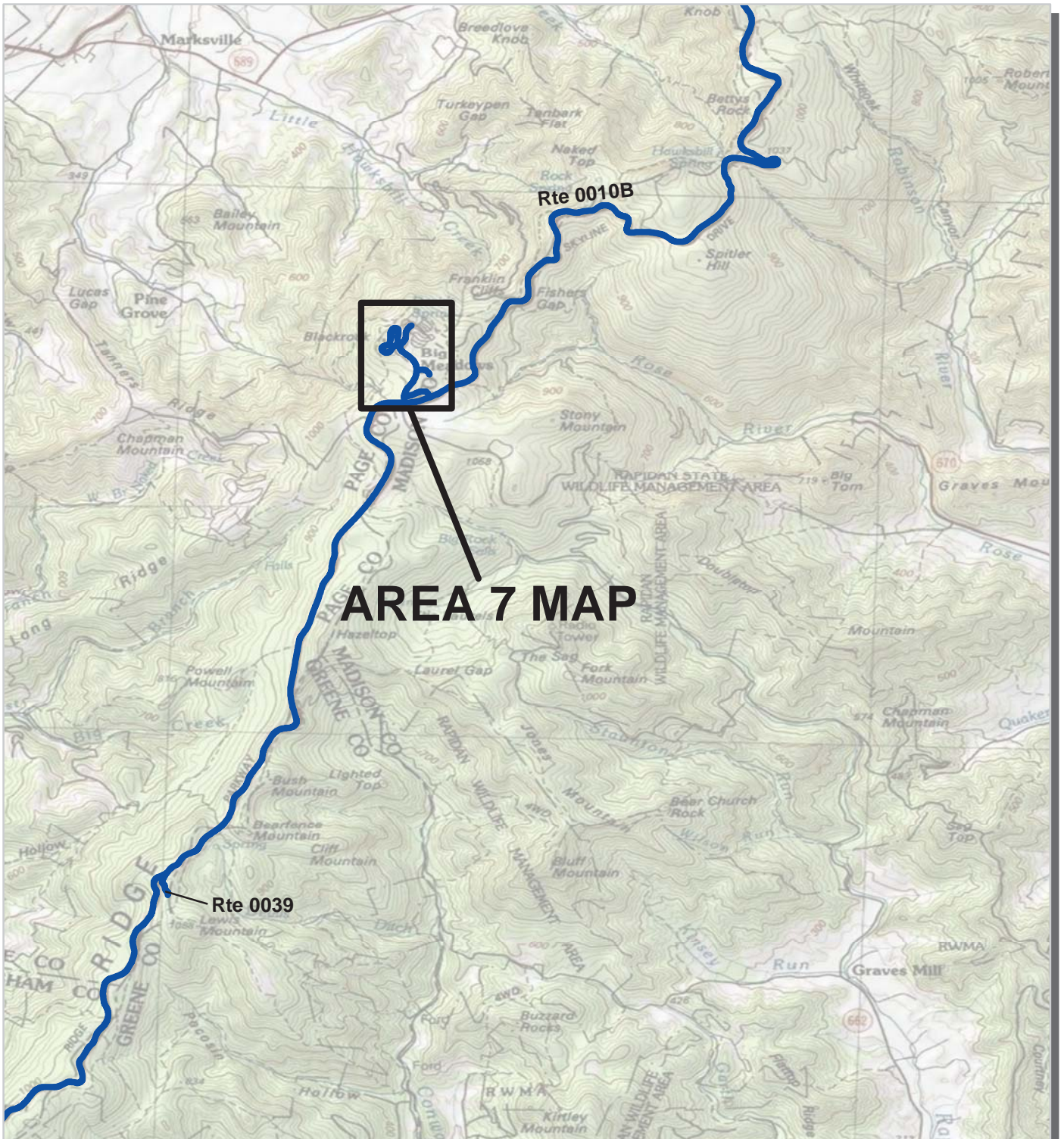


PCR	Poor	Fair	Good	Excellent	No Data
	(0 - 60)	(61 - 84)	(85 - 94)	(95 - 100)	

* If the PCR rating is not available for a section, the SCR rating will be displayed. See appendix for definitions and formulas.



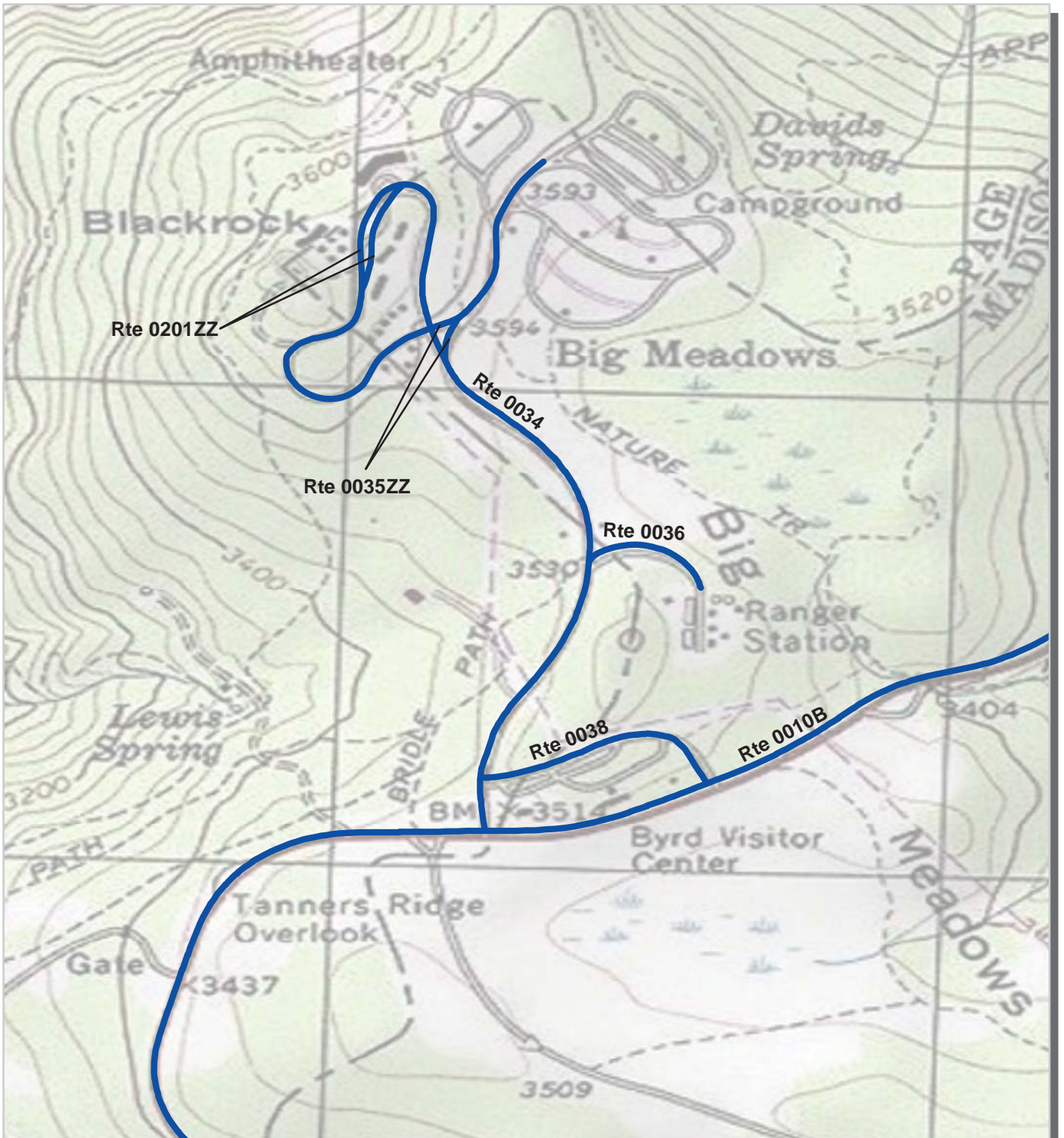
Shenandoah National Park Route Condition Map PCR - Mile by Mile Area 6



PCR	Poor	Fair	Good	Excellent	No Data
					
	(0 - 60)	(61 - 84)	(85 - 94)	(95 - 100)	

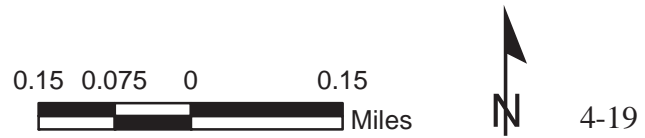
* If the PCR rating is not available for a section, the SCR rating will be displayed. See appendix for definitions and formulas.

Shenandoah National Park Route Condition Map PCR - Mile by Mile Area 7

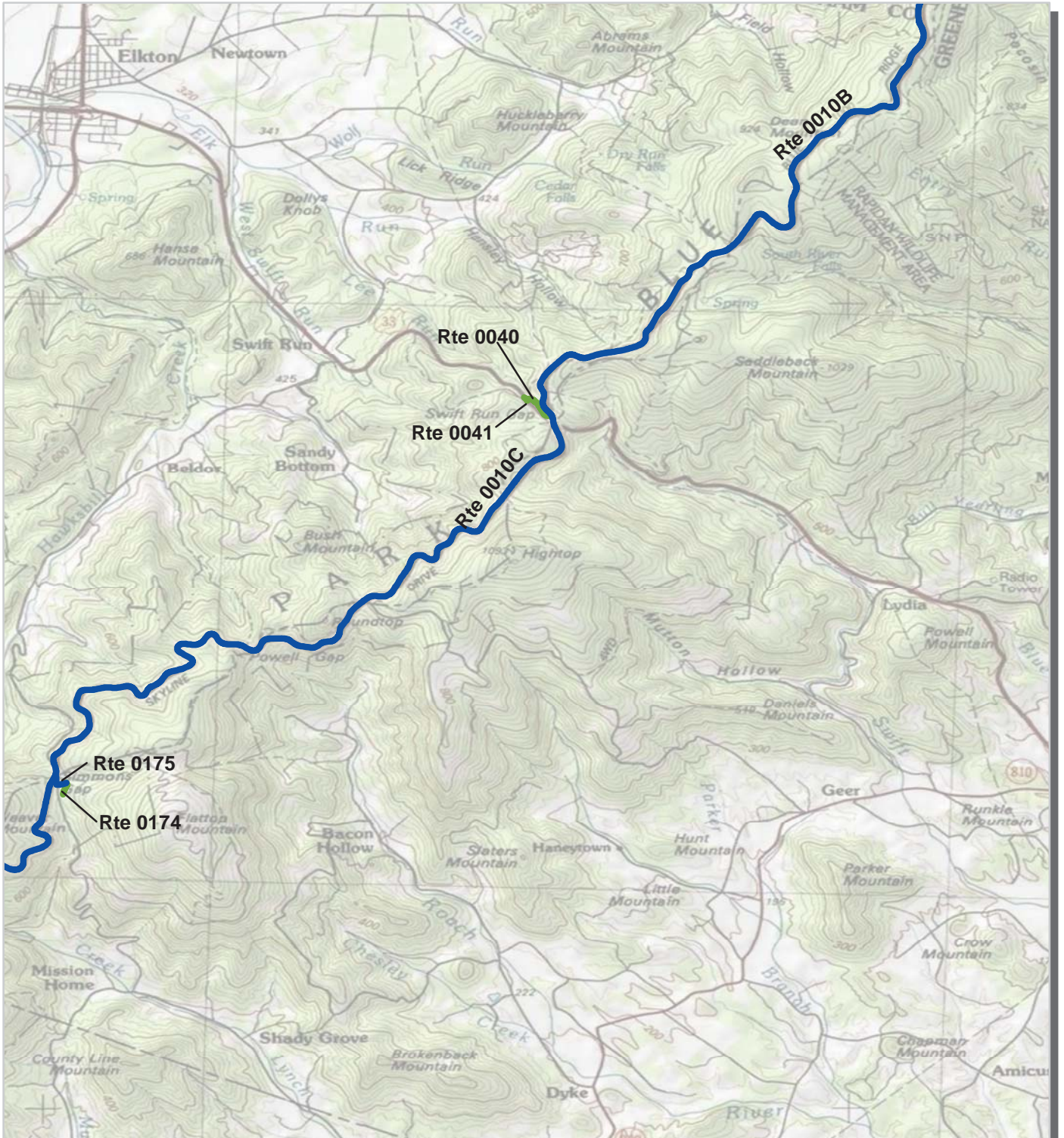


PCR	Poor		Fair		Good		Excellent		No Data	
	(0 - 60)		(61 - 84)	(85 - 94)		(95 - 100)				

* If the PCR rating is not available for a section, the SCR rating will be displayed. See appendix for definitions and formulas.



Shenandoah National Park Route Condition Map PCR - Mile by Mile Area 8

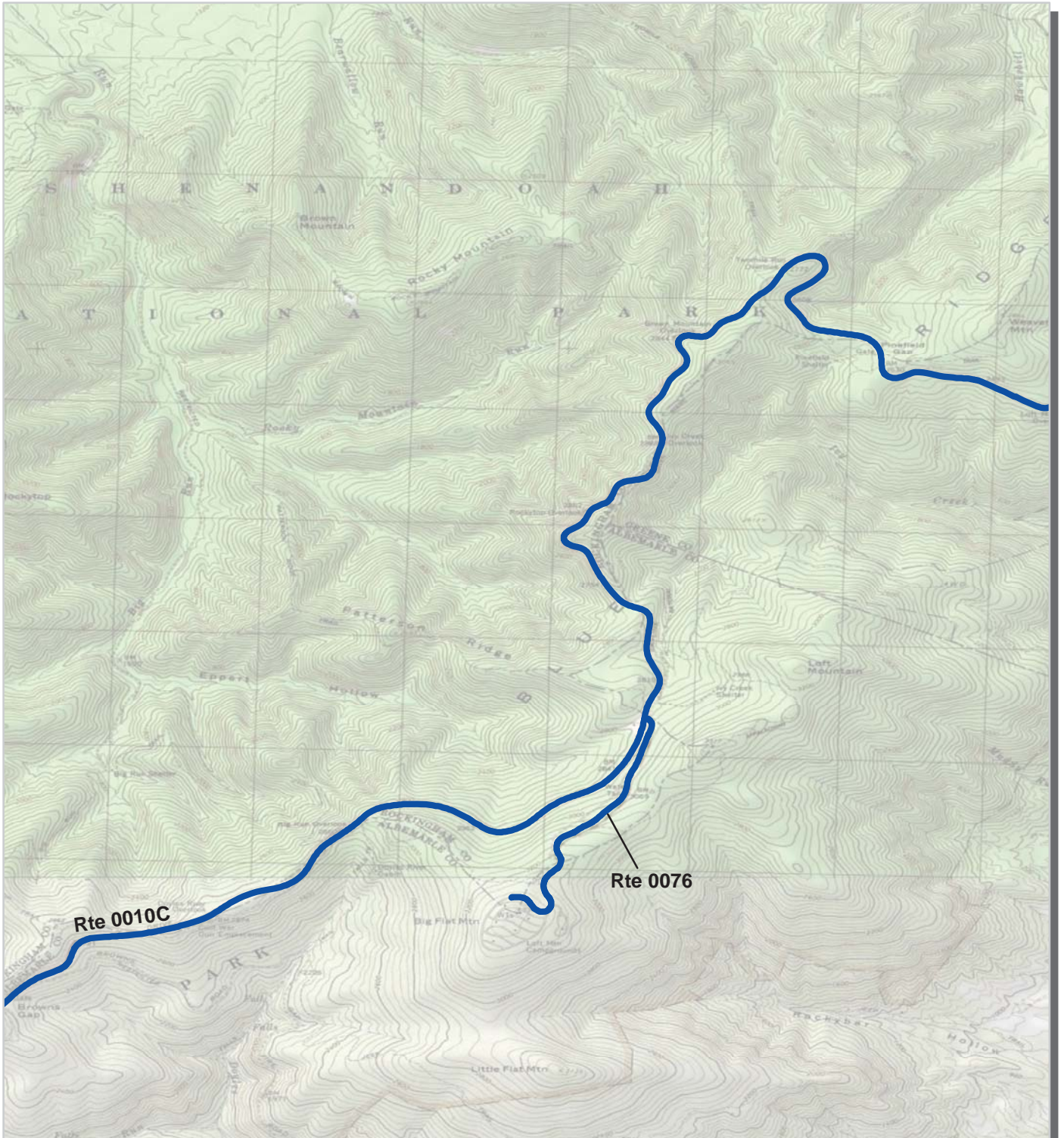


PCR	Poor	Fair	Good	Excellent	No Data
					
	(0 - 60)	(61 - 84)	(85 - 94)	(95 - 100)	

* If the PCR rating is not available for a section, the SCR rating will be displayed. See appendix for definitions and formulas.



Shenandoah National Park Route Condition Map PCR - Mile by Mile Area 9

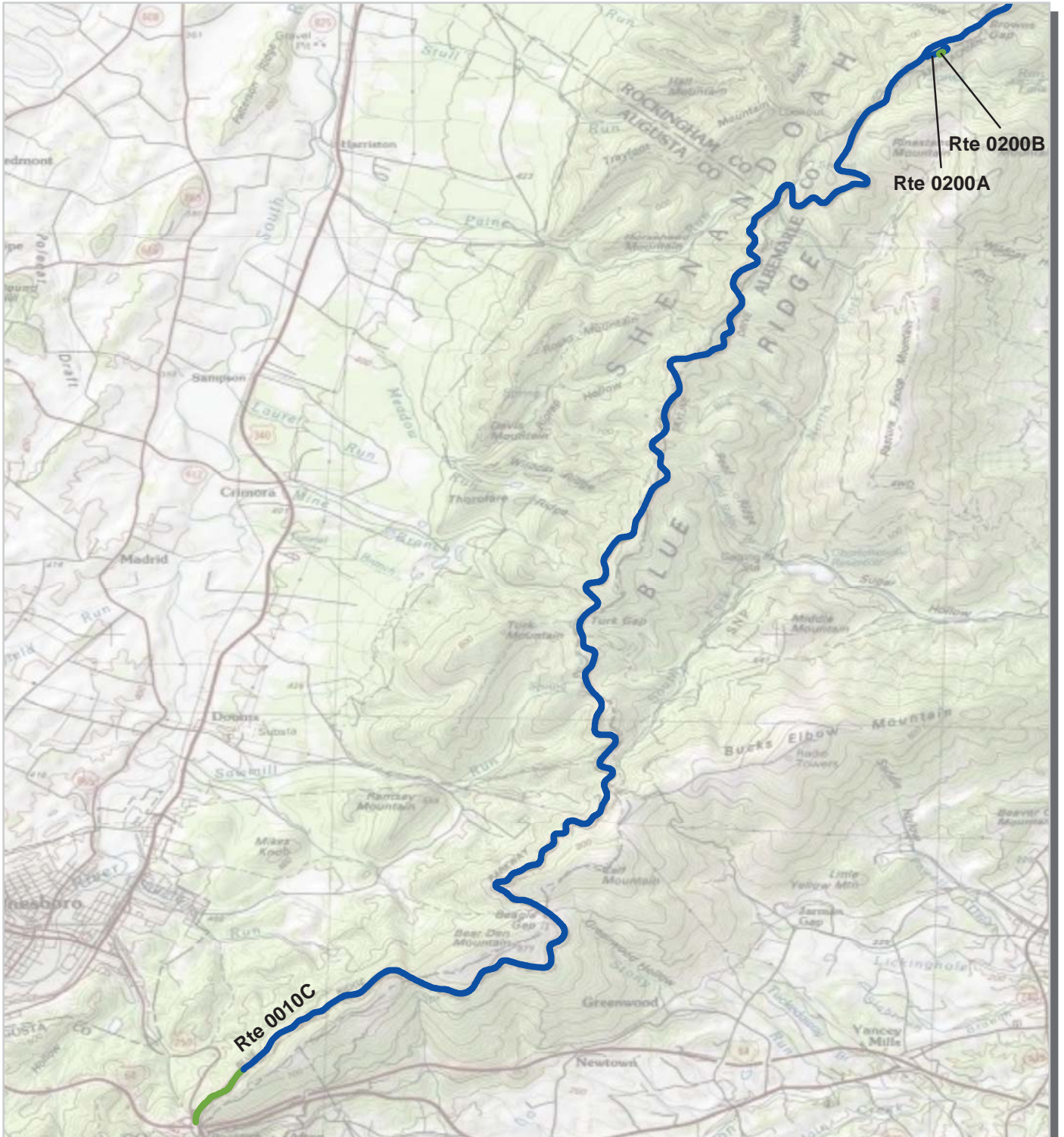


PCR	Poor		Fair		Good		Excellent		No Data	
	(0 - 60)		(61 - 84)	(85 - 94)		(95 - 100)				

* If the PCR rating is not available for a section, the SCR rating will be displayed. See appendix for definitions and formulas.

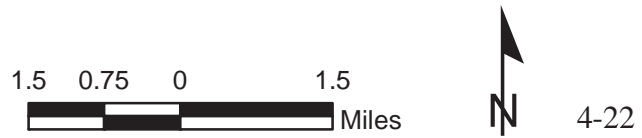


Shenandoah National Park Route Condition Map PCR - Mile by Mile Area 10



PCR	Poor	Fair	Good	Excellent	No Data
	■	■	■	■	■
	(0 - 60)	(61 - 84)	(85 - 94)	(95 - 100)	

* If the PCR rating is not available for a section, the SCR rating will be displayed. See appendix for definitions and formulas.



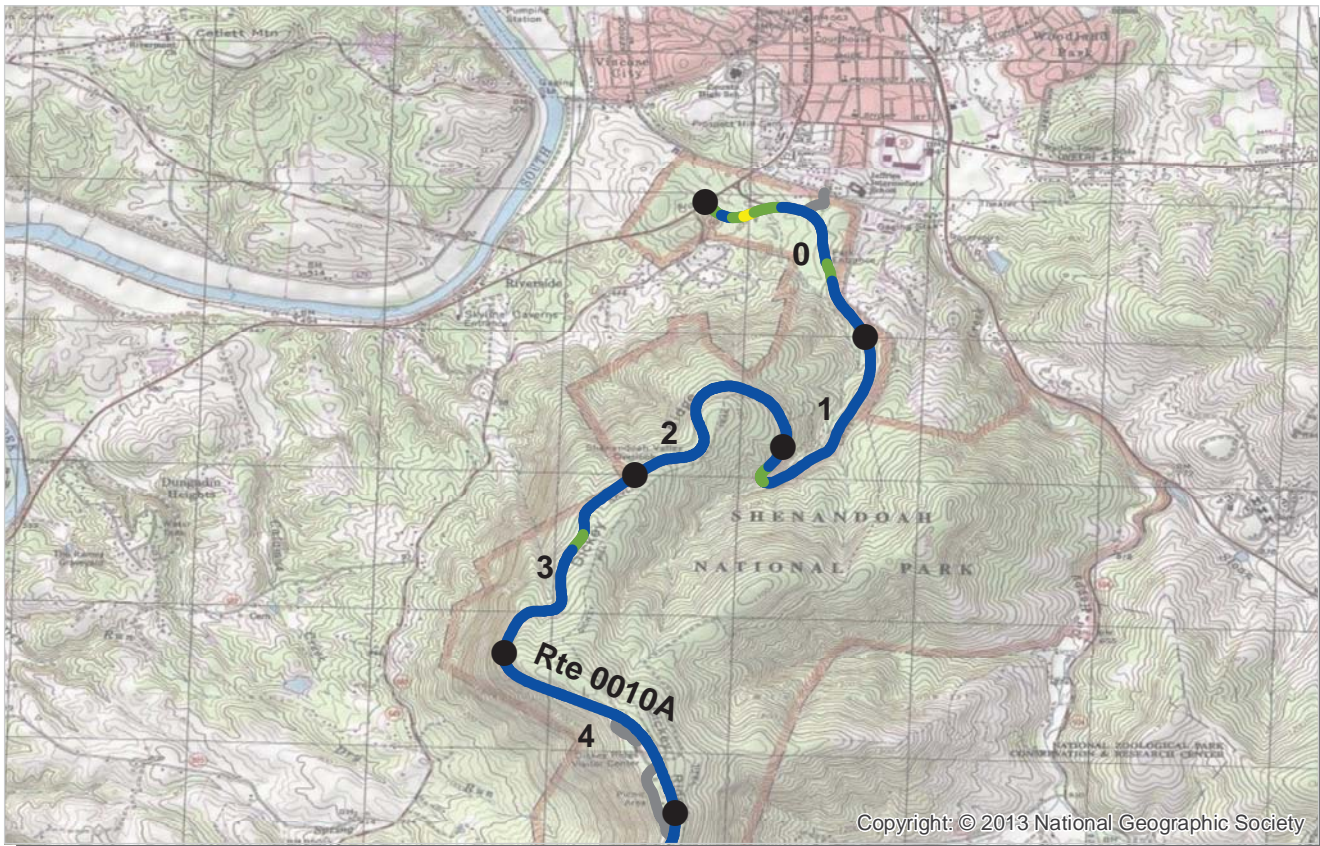
Section 5
Paved Route
Condition Rating Sheets



Shenandoah National Park



Federal Lands Highway
Road Inventory Program



PCR Poor ■ Fair ■ Good ■ Excellent ■ No Data ■
 (0 - 60) (61 - 84) (85 - 94) (95 - 100)

* If the PCR rating is not available for a section, the SCR rating will be displayed. See appendix for definitions and formulas.

ROUTE: 0010A SKYLINE DRIVE (NORTH)
SHEN : SHENANDOAH NATIONAL PARK

COLLECTED: 9/26/2013
TOTAL LENGTH: 31.63 Miles

NORTHEAST REGION

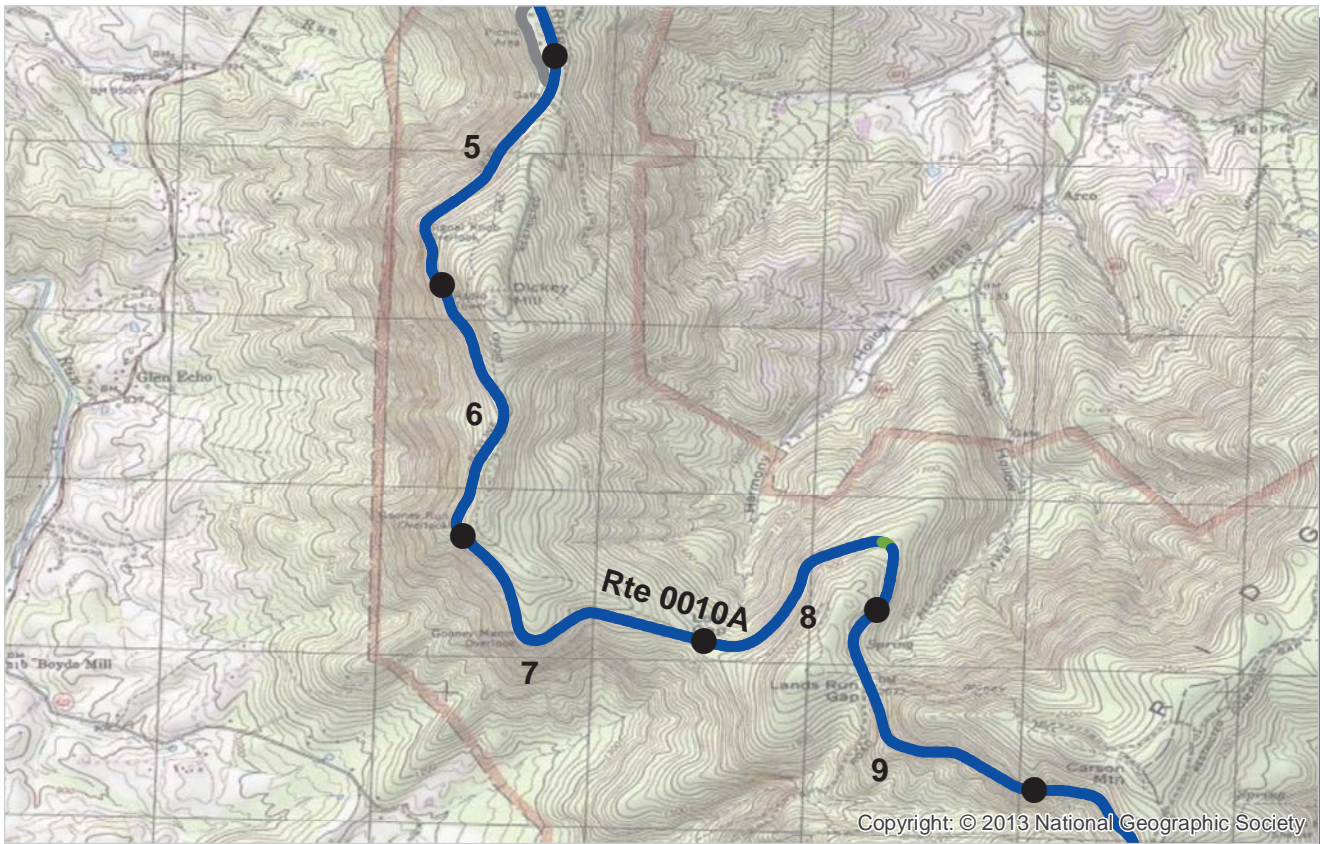
<i>Section Number</i>	0	1	2	3	4
<i>Section Length (mi)</i>	1.00	1.00	1.00	1.00	1.00
<i>Cross Section Information</i>					
Number of Lanes	2	2	2	2	2
Paved Width (ft)	30	22	22	22	21
Lane Width (ft)	12	10	9	9	9
<i>Roadway Condition Information</i>					
SCR (Surface Condition Rating)	98	99	100	100	98
PCR (Pavement Condition Rating)	96	99	100	100	99
<i>Distress Index Values</i>					
Structural Crack Index	100	100	100	100	100
Transverse Cracking Index	100	100	100	100	100
Patching Index	100	100	100	100	100
Rutting Index	98	99	100	100	98
Roughness Condition Index (RCI)	93	100	100	99	100

NOTES:

Structural Crack Index is a combination of the Longitudinal Cracking Index and Alligator Cracking Index.
 See Section 10 for explanation of SCR, PCR, & all Distress Index Values.

NC - Not Collected N/A - Not Applicable

ROUTE: 0010A SKYLINE DRIVE (NORTH)



PCR Poor ■ Fair ■ Good ■ Excellent ■ No Data ■
 (0 - 60) (61 - 84) (85 - 94) (95 - 100)

* If the PCR rating is not available for a section, the SCR rating will be displayed. See appendix for definitions and formulas.

ROUTE: 0010A SKYLINE DRIVE (NORTH)
SHEN : SHENANDOAH NATIONAL PARK

COLLECTED: 9/26/2013
TOTAL LENGTH: 31.63 Miles

NORTHEAST REGION

<i>Section Number</i>	5	6	7	8	9
<i>Section Length (mi)</i>	1.00	1.00	1.00	1.00	1.00
<i>Cross Section Information</i>					
Number of Lanes	2	2	2	2	2
Paved Width (ft)	21	21	21	21	21
Lane Width (ft)	10	10	10	10	10
<i>Roadway Condition Information</i>					
SCR (Surface Condition Rating)	99	99	99	99	100
PCR (Pavement Condition Rating)	99	99	99	99	100
<i>Distress Index Values</i>					
Structural Crack Index	100	100	100	100	100
Transverse Cracking Index	100	100	100	100	100
Patching Index	100	100	100	100	100
Rutting Index	99	99	99	99	100
Roughness Condition Index (RCI)	100	100	100	100	100

NOTES:

Structural Crack Index is a combination of the Longitudinal Cracking Index and Alligator Cracking Index.
 See Section 10 for explanation of SCR, PCR, & all Distress Index Values.

NC - Not Collected N/A - Not Applicable



ROUTE: 0010A SKYLINE DRIVE (NORTH)



PCR Poor ■ Fair ■ Good ■ Excellent ■ No Data ■
 (0 - 60) (61 - 84) (85 - 94) (95 - 100)

* If the PCR rating is not available for a section, the SCR rating will be displayed. See appendix for definitions and formulas.

ROUTE: 0010A SKYLINE DRIVE (NORTH)
SHEN : SHENANDOAH NATIONAL PARK

COLLECTED: 9/26/2013
TOTAL LENGTH: 31.63 Miles

NORTHEAST REGION

<i>Section Number</i>	10	11	12	13	14
<i>Section Length (mi)</i>	1.00	1.00	1.00	1.00	1.00
<i>Cross Section Information</i>					
Number of Lanes	2	2	2	2	2
Paved Width (ft)	21	21	21	21	21
Lane Width (ft)	10	9	9	10	9
<i>Roadway Condition Information</i>					
SCR (Surface Condition Rating)	98	97	97	97	97
PCR (Pavement Condition Rating)	99	98	98	98	98
<i>Distress Index Values</i>					
Structural Crack Index	100	100	100	100	100
Transverse Cracking Index	100	100	100	99	100
Patching Index	100	100	100	100	100
Rutting Index	98	97	97	97	97
Roughness Condition Index (RCI)	100	100	100	100	100

NOTES:

Structural Crack Index is a combination of the Longitudinal Cracking Index and Alligator Cracking Index.
 See Section 10 for explanation of SCR, PCR, & all Distress Index Values.

NC - Not Collected N/A - Not Applicable



ROUTE: 0010A SKYLINE DRIVE (NORTH)



PCR	Poor	Fair	Good	Excellent	No Data
	(0 - 60)	(61 - 84)	(85 - 94)	(95 - 100)	

* If the PCR rating is not available for a section, the SCR rating will be displayed. See appendix for definitions and formulas.

ROUTE: 0010A SKYLINE DRIVE (NORTH)
SHEN : SHENANDOAH NATIONAL PARK

COLLECTED: 9/26/2013
TOTAL LENGTH: 31.63 Miles

NORTHEAST REGION

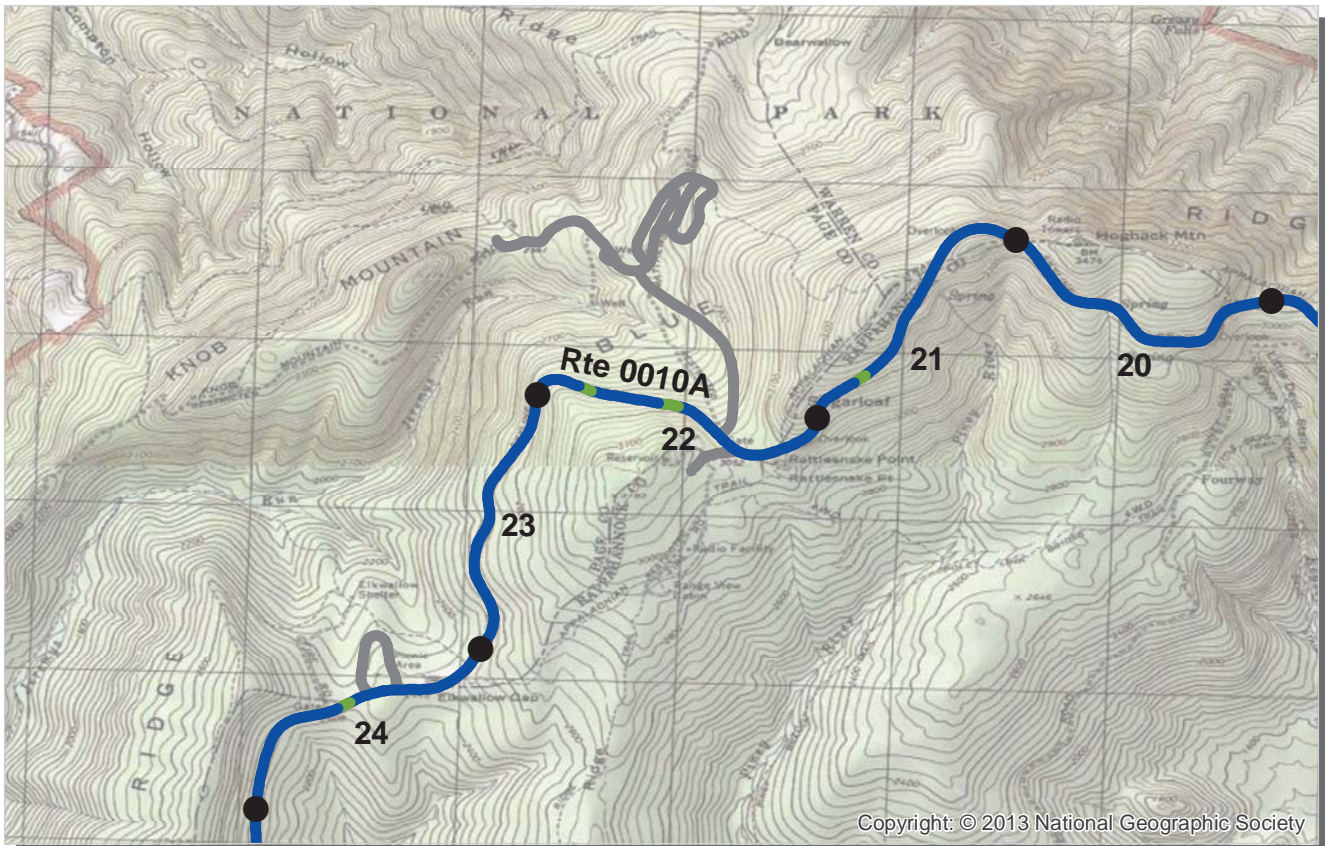
Section Number	15	16	17	18	19
Section Length (mi)	1.00	1.00	1.00	1.00	1.00
Cross Section Information					
Number of Lanes	2	2	2	2	2
Paved Width (ft)	20	21	22	21	22
Lane Width (ft)	9	9	10	9	9
Roadway Condition Information					
SCR (Surface Condition Rating)	100	100	100	100	99
PCR (Pavement Condition Rating)	100	100	100	100	99
Distress Index Values					
Structural Crack Index	100	100	100	100	100
Transverse Cracking Index	100	100	100	100	100
Patching Index	100	100	100	100	100
Rutting Index	100	100	100	100	99
Roughness Condition Index (RCI)	100	100	100	100	100

NOTES:

Structural Crack Index is a combination of the Longitudinal Cracking Index and Alligator Cracking Index.
 See Section 10 for explanation of SCR, PCR, & all Distress Index Values.

NC - Not Collected N/A - Not Applicable

ROUTE: 0010A SKYLINE DRIVE (NORTH)



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PCR	Poor	Fair	Good	Excellent	No Data
	(0 - 60)	(61 - 84)	(85 - 94)	(95 - 100)	

* If the PCR rating is not available for a section, the SCR rating will be displayed. See appendix for definitions and formulas.

ROUTE: 0010A SKYLINE DRIVE (NORTH)
SHEN : SHENANDOAH NATIONAL PARK

COLLECTED: 9/26/2013
TOTAL LENGTH: 31.63 Miles

NORTHEAST REGION

Section Number	20	21	22	23	24
Section Length (mi)	1.00	1.00	1.00	1.00	1.00
Cross Section Information					
Number of Lanes	2	2	2	2	2
Paved Width (ft)	22	21	23	22	22
Lane Width (ft)	9	9	10	9	9
Roadway Condition Information					
SCR (Surface Condition Rating)	97	99	97	99	98
PCR (Pavement Condition Rating)	98	99	98	99	99
Distress Index Values					
Structural Crack Index	100	100	100	100	100
Transverse Cracking Index	100	100	100	100	100
Patching Index	100	100	100	100	100
Rutting Index	97	99	97	99	98
Roughness Condition Index (RCI)	100	100	100	100	100

NOTES:

Structural Crack Index is a combination of the Longitudinal Cracking Index and Alligator Cracking Index.
 See Section 10 for explanation of SCR, PCR, & all Distress Index Values.

NC - Not Collected N/A - Not Applicable

ROUTE: 0010A SKYLINE DRIVE (NORTH)



PCR Poor ■ Fair ■ Good ■ Excellent ■ No Data ■
 (0 - 60) (61 - 84) (85 - 94) (95 - 100)

* If the PCR rating is not available for a section, the SCR rating will be displayed. See appendix for definitions and formulas.

ROUTE: 0010A SKYLINE DRIVE (NORTH)
SHEN : SHENANDOAH NATIONAL PARK

COLLECTED: 9/26/2013
TOTAL LENGTH: 31.63 Miles

NORTHEAST REGION

<i>Section Number</i>	25	26	27	28	29
<i>Section Length (mi)</i>	1.00	1.00	1.00	1.00	1.00
<i>Cross Section Information</i>					
Number of Lanes	2	2	2	2	2
Paved Width (ft)	21	21	21	21	21
Lane Width (ft)	9	9	9	9	9
<i>Roadway Condition Information</i>					
SCR (Surface Condition Rating)	96	96	95	93	95
PCR (Pavement Condition Rating)	98	98	97	96	97
<i>Distress Index Values</i>					
Structural Crack Index	100	100	100	100	100
Transverse Cracking Index	100	100	100	100	100
Patching Index	100	100	100	100	100
Rutting Index	96	96	95	93	95
Roughness Condition Index (RCI)	100	100	100	100	100

NOTES:

Structural Crack Index is a combination of the Longitudinal Cracking Index and Alligator Cracking Index.
 See Section 10 for explanation of SCR, PCR, & all Distress Index Values.

NC - Not Collected N/A - Not Applicable



ROUTE: 0010A SKYLINE DRIVE (NORTH)



PCR	Poor	Fair	Good	Excellent	No Data
	(0 - 60)	(61 - 84)	(85 - 94)	(95 - 100)	

* If the PCR rating is not available for a section, the SCR rating will be displayed. See appendix for definitions and formulas.

ROUTE: 0010A SKYLINE DRIVE (NORTH)
SHEN : SHENANDOAH NATIONAL PARK

COLLECTED: 9/26/2013
TOTAL LENGTH: 31.63 Miles

NORTHEAST REGION

Section Number	30	31			
Section Length (mi)	1.00	0.63			
Cross Section Information					
Number of Lanes	2	2			
Paved Width (ft)	21	26			
Lane Width (ft)	9	10			
Roadway Condition Information					
SCR (Surface Condition Rating)	95	94			
PCR (Pavement Condition Rating)	97	96			
Distress Index Values					
Structural Crack Index	100	100			
Transverse Cracking Index	100	100			
Patching Index	100	100			
Rutting Index	95	94			
Roughness Condition Index (RCI)	100	99			

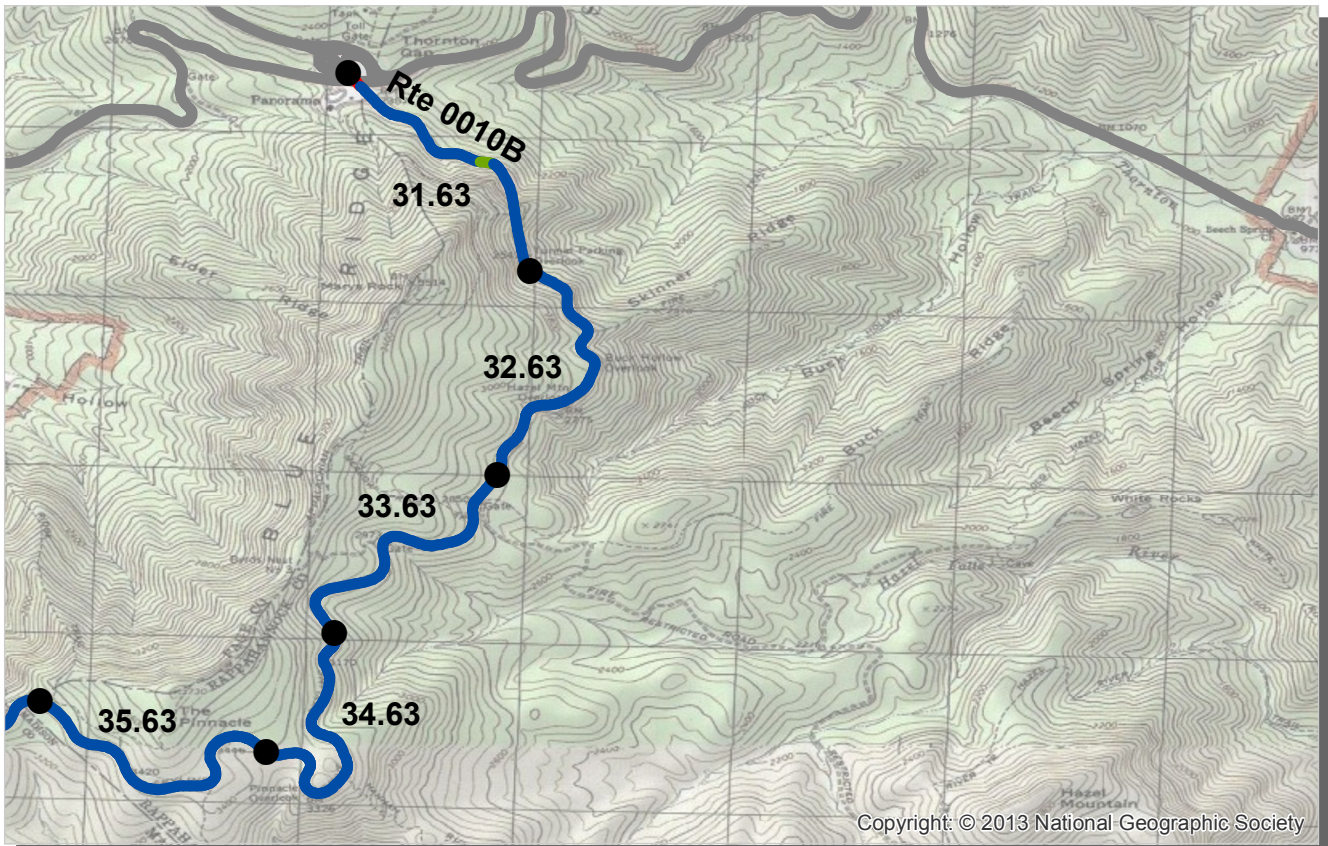
NOTES:

Structural Crack Index is a combination of the Longitudinal Cracking Index and Alligator Cracking Index.
 See Section 10 for explanation of SCR, PCR, & all Distress Index Values.

NC - Not Collected N/A - Not Applicable



ROUTE: 0010A SKYLINE DRIVE (NORTH)



PCR Poor ■ Fair ■ Good ■ Excellent ■ No Data ■
 (0 - 60) (61 - 84) (85 - 94) (95 - 100)

* If the PCR rating is not available for a section, the SCR rating will be displayed. See appendix for definitions and formulas.

ROUTE: 0010B SKYLINE DRIVE (CENTRAL)
SHEN : SHENANDOAH NATIONAL PARK

COLLECTED: 9/26/2013
TOTAL LENGTH: 34.14 Miles

NORTHEAST REGION

<i>Section Number</i>	31.63	32.63	33.63	34.63	35.63
<i>Section Length (mi)</i>	1.00	1.00	1.00	1.00	1.00
<i>Cross Section Information</i>					
Number of Lanes	2	2	2	2	2
Paved Width (ft)	28	21	22	21	23
Lane Width (ft)	11	10	10	10	10
<i>Roadway Condition Information</i>					
SCR (Surface Condition Rating)	100	100	100	100	99
PCR (Pavement Condition Rating)	100	100	100	100	99
<i>Distress Index Values</i>					
Structural Crack Index	100	100	100	100	100
Transverse Cracking Index	100	100	100	100	100
Patching Index	100	100	100	100	100
Rutting Index	100	100	100	100	99
Roughness Condition Index (RCI)	99	100	100	100	100

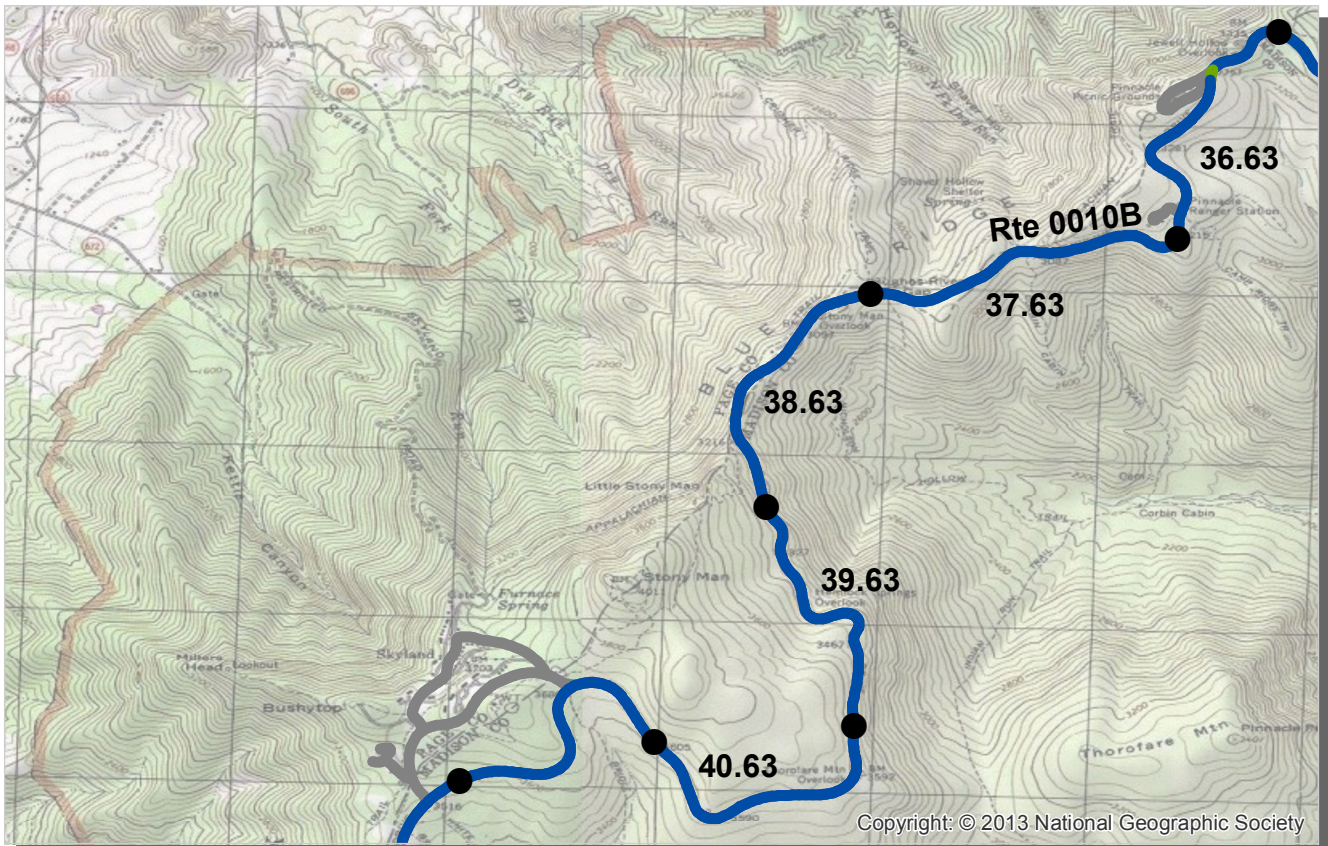
NOTES:

Structural Crack Index is a combination of the Longitudinal Cracking Index and Alligator Cracking Index.
 See Section 10 for explanation of SCR, PCR, & all Distress Index Values.

NC - Not Collected N/A - Not Applicable



ROUTE: 0010B SKYLINE DRIVE (CENTRAL)



PCR Poor ■ Fair ■ Good ■ Excellent ■ No Data ■
 (0 - 60) (61 - 84) (85 - 94) (95 - 100)

* If the PCR rating is not available for a section, the SCR rating will be displayed. See appendix for definitions and formulas.

ROUTE: 0010B SKYLINE DRIVE (CENTRAL)
SHEN : SHENANDOAH NATIONAL PARK

COLLECTED: 9/26/2013
TOTAL LENGTH: 34.14 Miles

NORTHEAST REGION

<i>Section Number</i>	36.63	37.63	38.63	39.63	40.63
<i>Section Length (mi)</i>	1.00	1.00	1.00	1.00	1.00
<i>Cross Section Information</i>					
Number of Lanes	2	2	2	2	2
Paved Width (ft)	22	22	21	22	21
Lane Width (ft)	10	10	9	9	9
<i>Roadway Condition Information</i>					
SCR (Surface Condition Rating)	100	100	100	100	100
PCR (Pavement Condition Rating)	100	100	100	100	100
<i>Distress Index Values</i>					
Structural Crack Index	100	100	100	100	100
Transverse Cracking Index	100	100	100	100	100
Patching Index	100	100	100	100	100
Rutting Index	100	100	100	100	100
Roughness Condition Index (RCI)	100	100	100	100	100

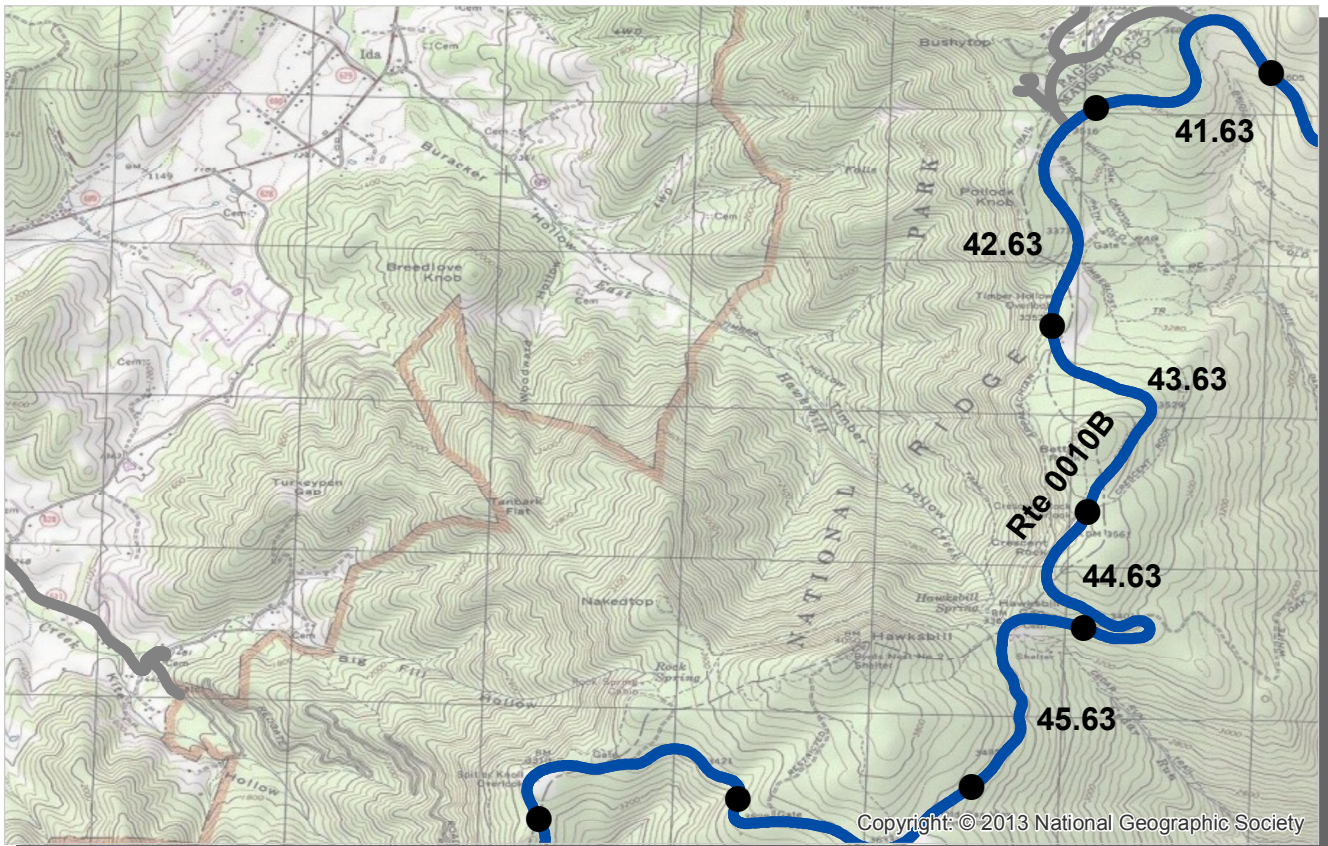
NOTES:

Structural Crack Index is a combination of the Longitudinal Cracking Index and Alligator Cracking Index.

See Section 10 for explanation of SCR, PCR, & all Distress Index Values.

NC - Not Collected N/A - Not Applicable

ROUTE: 0010B SKYLINE DRIVE (CENTRAL)



PCR	Poor	Fair	Good	Excellent	No Data
	(0 - 60)	(61 - 84)	(85 - 94)	(95 - 100)	

* If the PCR rating is not available for a section, the SCR rating will be displayed. See appendix for definitions and formulas.

ROUTE: 0010B SKYLINE DRIVE (CENTRAL)
SHEN : SHENANDOAH NATIONAL PARK

COLLECTED: 9/26/2013

NORTHEAST REGION

TOTAL LENGTH: 34.14 Miles

Section Number	41.63	42.63	43.63	44.63	45.63
Section Length (mi)	1.00	1.00	1.00	1.00	1.00
Cross Section Information					
Number of Lanes	2	2	2	2	2
Paved Width (ft)	21	21	21	21	21
Lane Width (ft)	9	9	9	10	10
Roadway Condition Information					
SCR (Surface Condition Rating)	100	100	100	100	100
PCR (Pavement Condition Rating)	100	100	100	100	100
Distress Index Values					
Structural Crack Index	100	100	100	100	100
Transverse Cracking Index	100	100	100	100	100
Patching Index	100	100	100	100	100
Rutting Index	100	100	100	100	100
Roughness Condition Index (RCI)	100	100	100	100	100

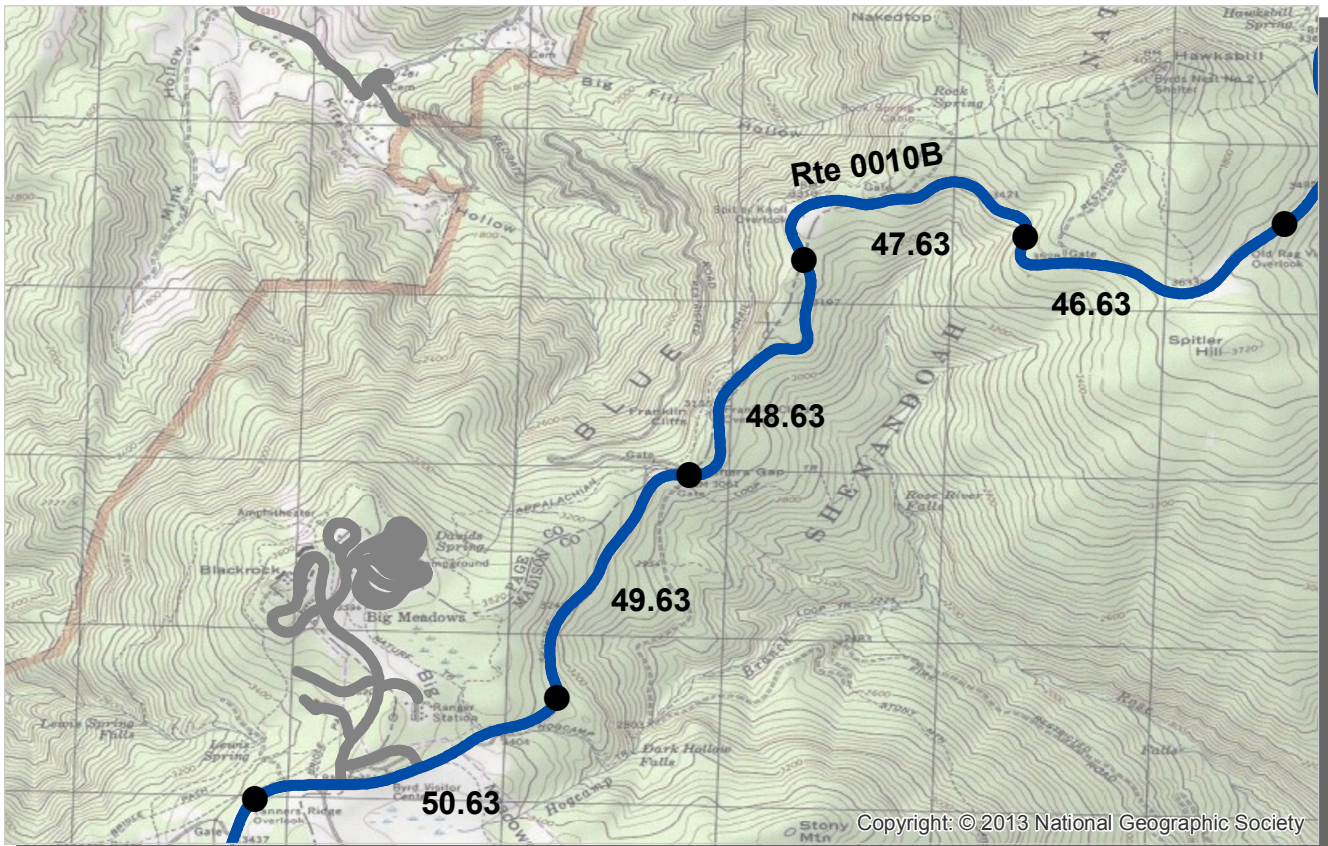
NOTES:

Structural Crack Index is a combination of the Longitudinal Cracking Index and Alligator Cracking Index.
 See Section 10 for explanation of SCR, PCR, & all Distress Index Values.

NC - Not Collected N/A - Not Applicable



ROUTE: 0010B SKYLINE DRIVE (CENTRAL)



PCR Poor ■ Fair ■ Good ■ Excellent ■ No Data ■
 (0 - 60) (61 - 84) (85 - 94) (95 - 100)

* If the PCR rating is not available for a section, the SCR rating will be displayed. See appendix for definitions and formulas.

ROUTE: 0010B SKYLINE DRIVE (CENTRAL)
SHEN : SHENANDOAH NATIONAL PARK

COLLECTED: 9/26/2013

TOTAL LENGTH: 34.14 Miles

NORTHEAST REGION

<i>Section Number</i>	46.63	47.63	48.63	49.63	50.63
<i>Section Length (mi)</i>	1.00	1.00	1.00	1.00	1.00
<i>Cross Section Information</i>					
Number of Lanes	2	2	2	2	2
Paved Width (ft)	21	21	21	21	22
Lane Width (ft)	10	10	9	9	9
<i>Roadway Condition Information</i>					
SCR (Surface Condition Rating)	100	100	100	100	100
PCR (Pavement Condition Rating)	100	100	100	100	100
<i>Distress Index Values</i>					
Structural Crack Index	100	100	100	100	100
Transverse Cracking Index	100	100	100	100	100
Patching Index	100	100	100	100	100
Rutting Index	100	100	100	100	100
Roughness Condition Index (RCI)	100	100	100	100	100

NOTES:

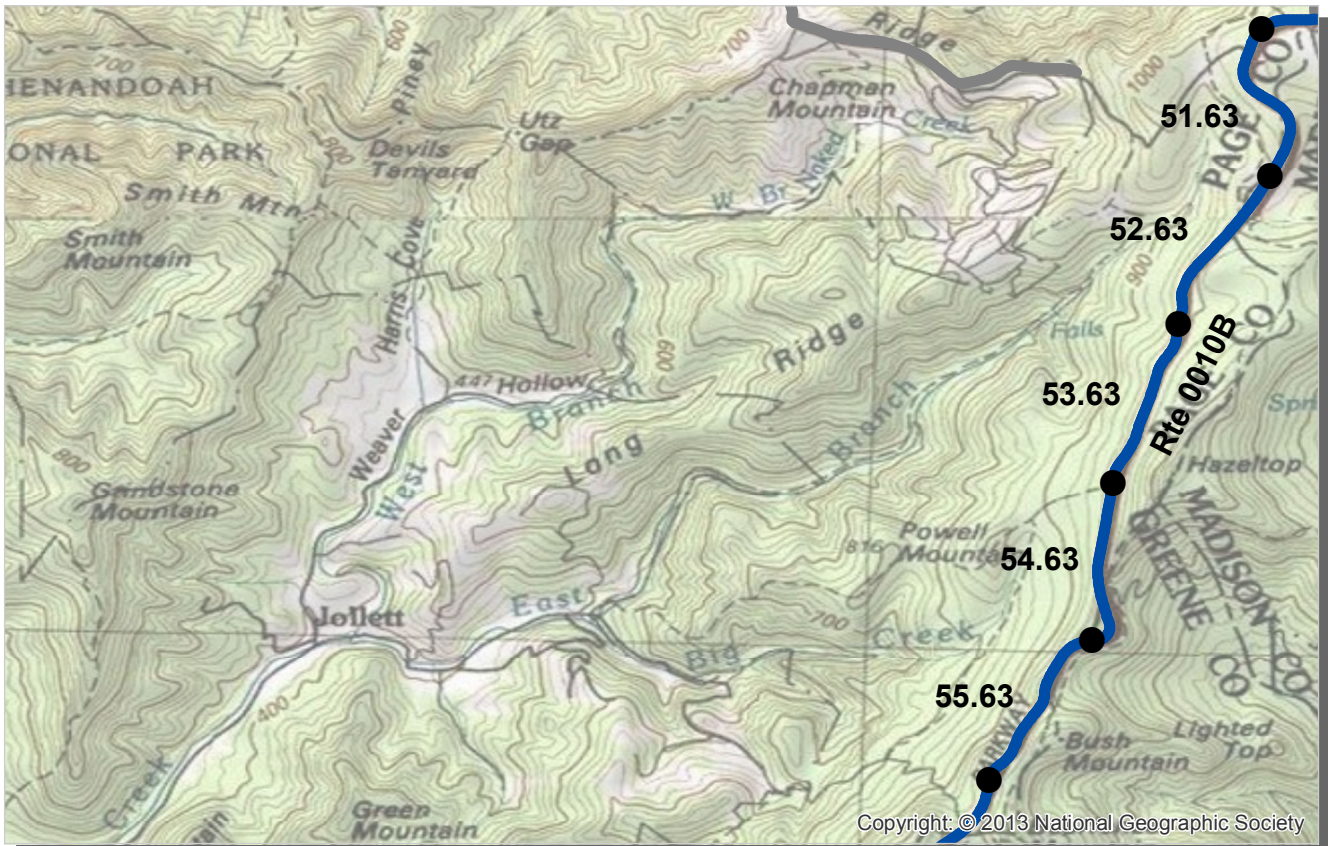
Structural Crack Index is a combination of the Longitudinal Cracking Index and Alligator Cracking Index.

See Section 10 for explanation of SCR, PCR, & all Distress Index Values.

NC - Not Collected N/A - Not Applicable



ROUTE: 0010B SKYLINE DRIVE (CENTRAL)



PCR Poor ■ Fair ■ Good ■ Excellent ■ No Data ■
 (0 - 60) (61 - 84) (85 - 94) (95 - 100)

* If the PCR rating is not available for a section, the SCR rating will be displayed. See appendix for definitions and formulas.

ROUTE: 0010B SKYLINE DRIVE (CENTRAL)
SHEN : SHENANDOAH NATIONAL PARK

COLLECTED: 9/26/2013
TOTAL LENGTH: 34.14 Miles

NORTHEAST REGION

<i>Section Number</i>	51.63	52.63	53.63	54.63	55.63
<i>Section Length (mi)</i>	1.00	1.00	1.00	1.00	1.00
<i>Cross Section Information</i>					
Number of Lanes	2	2	2	2	2
Paved Width (ft)	22	21	21	21	21
Lane Width (ft)	10	9	10	9	9
<i>Roadway Condition Information</i>					
SCR (Surface Condition Rating)	100	100	100	100	100
PCR (Pavement Condition Rating)	100	100	100	100	100
<i>Distress Index Values</i>					
Structural Crack Index	100	100	100	100	100
Transverse Cracking Index	100	100	100	100	100
Patching Index	100	100	100	100	100
Rutting Index	100	100	100	100	100
Roughness Condition Index (RCI)	100	100	100	100	100

NOTES:

Structural Crack Index is a combination of the Longitudinal Cracking Index and Alligator Cracking Index.

See Section 10 for explanation of SCR, PCR, & all Distress Index Values.

NC - Not Collected N/A - Not Applicable

ROUTE: 0010B SKYLINE DRIVE (CENTRAL)



PCR Poor ■ Fair ■ Good ■ Excellent ■ No Data ■
 (0 - 60) (61 - 84) (85 - 94) (95 - 100)

* If the PCR rating is not available for a section, the SCR rating will be displayed. See appendix for definitions and formulas.

ROUTE: 0010B SKYLINE DRIVE (CENTRAL)
SHEN : SHENANDOAH NATIONAL PARK

COLLECTED: 9/26/2013

NORTHEAST REGION

TOTAL LENGTH: 34.14 Miles

<i>Section Number</i>	56.63	57.63	58.63	59.63	60.63
<i>Section Length (mi)</i>	1.00	1.00	1.00	1.00	1.00
<i>Cross Section Information</i>					
Number of Lanes	2	2	2	2	2
Paved Width (ft)	21	21	21	21	21
Lane Width (ft)	10	10	9	9	9
<i>Roadway Condition Information</i>					
SCR (Surface Condition Rating)	100	100	100	100	100
PCR (Pavement Condition Rating)	100	100	100	100	100
<i>Distress Index Values</i>					
Structural Crack Index	100	100	100	100	100
Transverse Cracking Index	100	100	100	100	100
Patching Index	100	100	100	100	100
Rutting Index	100	100	100	100	100
Roughness Condition Index (RCI)	100	100	100	100	100

NOTES:

Structural Crack Index is a combination of the Longitudinal Cracking Index and Alligator Cracking Index.
 See Section 10 for explanation of SCR, PCR, & all Distress Index Values.

NC - Not Collected N/A - Not Applicable

ROUTE: 0010B SKYLINE DRIVE (CENTRAL)



PCR Poor ■ Fair ■ Good ■ Excellent ■ No Data ■
 (0 - 60) (61 - 84) (85 - 94) (95 - 100)

* If the PCR rating is not available for a section, the SCR rating will be displayed. See appendix for definitions and formulas.

ROUTE: 0010B SKYLINE DRIVE (CENTRAL)
SHEN : SHENANDOAH NATIONAL PARK

COLLECTED: 9/26/2013

NORTHEAST REGION

TOTAL LENGTH: 34.14 Miles

<i>Section Number</i>	61.63	62.63	63.63	64.63	65.63
<i>Section Length (mi)</i>	1.00	1.00	1.00	1.00	0.14
<i>Cross Section Information</i>					
Number of Lanes	2	2	2	2	4
Paved Width (ft)	21	21	21	21	45
Lane Width (ft)	9	9	10	9	11
<i>Roadway Condition Information</i>					
SCR (Surface Condition Rating)	100	100	100	100	100
PCR (Pavement Condition Rating)	100	100	100	100	100
<i>Distress Index Values</i>					
Structural Crack Index	100	100	100	100	100
Transverse Cracking Index	100	100	100	100	100
Patching Index	100	100	100	100	100
Rutting Index	100	100	100	100	100
Roughness Condition Index (RCI)	100	100	100	100	100

NOTES:

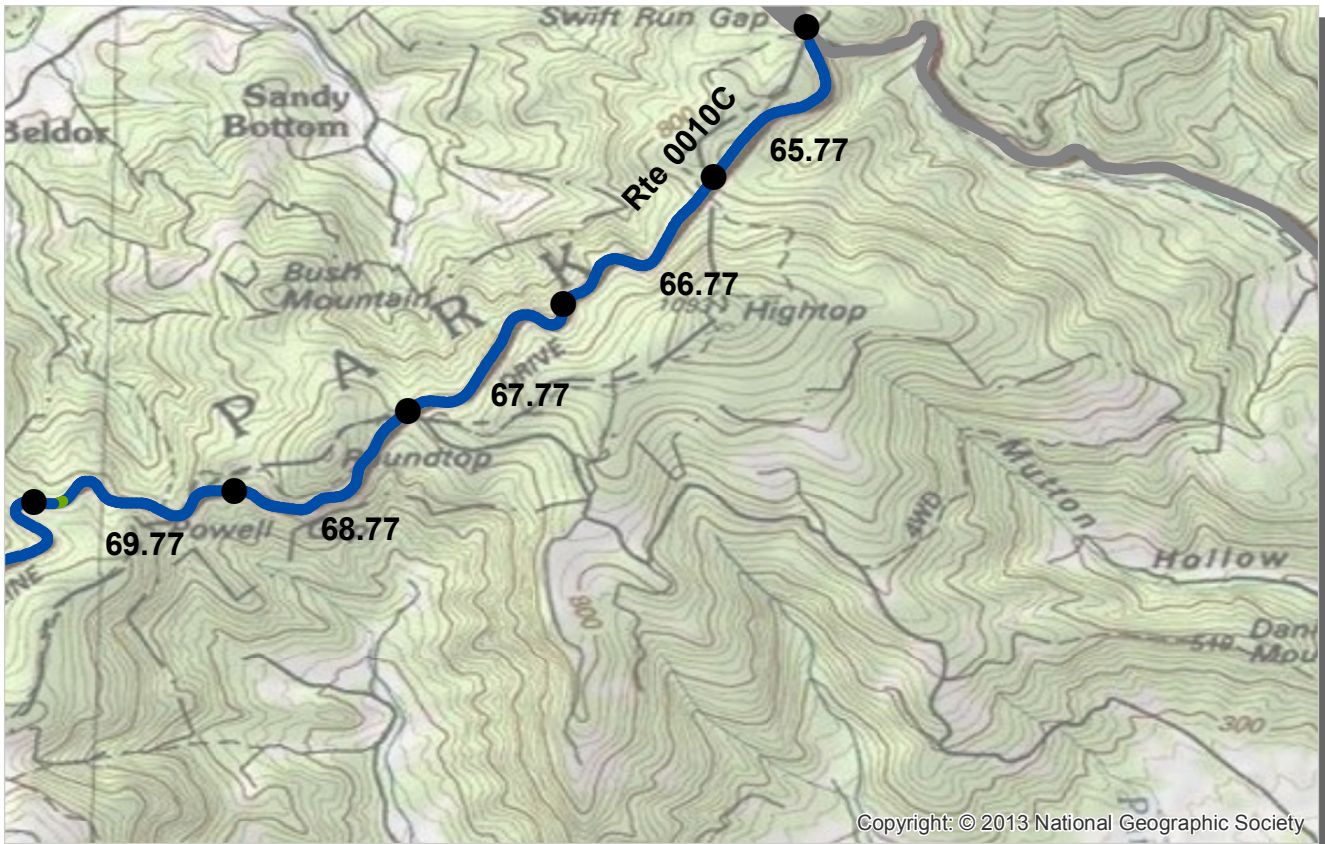
Structural Crack Index is a combination of the Longitudinal Cracking Index and Alligator Cracking Index.

See Section 10 for explanation of SCR, PCR, & all Distress Index Values.

NC - Not Collected N/A - Not Applicable



ROUTE: 0010B SKYLINE DRIVE (CENTRAL)



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PCR	Poor	Fair	Good	Excellent	No Data
	(0 - 60)	(61 - 84)	(85 - 94)	(95 - 100)	

* If the PCR rating is not available for a section, the SCR rating will be displayed. See appendix for definitions and formulas.

ROUTE: 0010C SKYLINE DRIVE (SOUTH)
SHEN : SHENANDOAH NATIONAL PARK

COLLECTED: 9/26/2013

NORTHEAST REGION

TOTAL LENGTH: 39.89 Miles

Section Number	65.77	66.77	67.77	68.77	69.77
Section Length (mi)	1.00	1.00	1.00	1.00	1.00
Cross Section Information					
Number of Lanes	2	2	2	2	2
Paved Width (ft)	29	21	21	21	21
Lane Width (ft)	10	9	9	9	8
Roadway Condition Information					
SCR (Surface Condition Rating)	100	100	100	100	99
PCR (Pavement Condition Rating)	100	100	100	100	99
Distress Index Values					
Structural Crack Index	100	100	100	100	99
Transverse Cracking Index	100	100	100	100	100
Patching Index	100	100	100	100	100
Rutting Index	100	100	100	100	100
Roughness Condition Index (RCI)	100	100	100	100	100

NOTES:

Structural Crack Index is a combination of the Longitudinal Cracking Index and Alligator Cracking Index.

See Section 10 for explanation of SCR, PCR, & all Distress Index Values.

NC - Not Collected N/A - Not Applicable

ROUTE: 0010C SKYLINE DRIVE (SOUTH)



PCR	Poor	Fair	Good	Excellent	No Data
	(0 - 60)	(61 - 84)	(85 - 94)	(95 - 100)	

* If the PCR rating is not available for a section, the SCR rating will be displayed. See appendix for definitions and formulas.

ROUTE: 0010C SKYLINE DRIVE (SOUTH)
SHEN : SHENANDOAH NATIONAL PARK

COLLECTED: 9/26/2013
TOTAL LENGTH: 39.89 Miles

NORTHEAST REGION

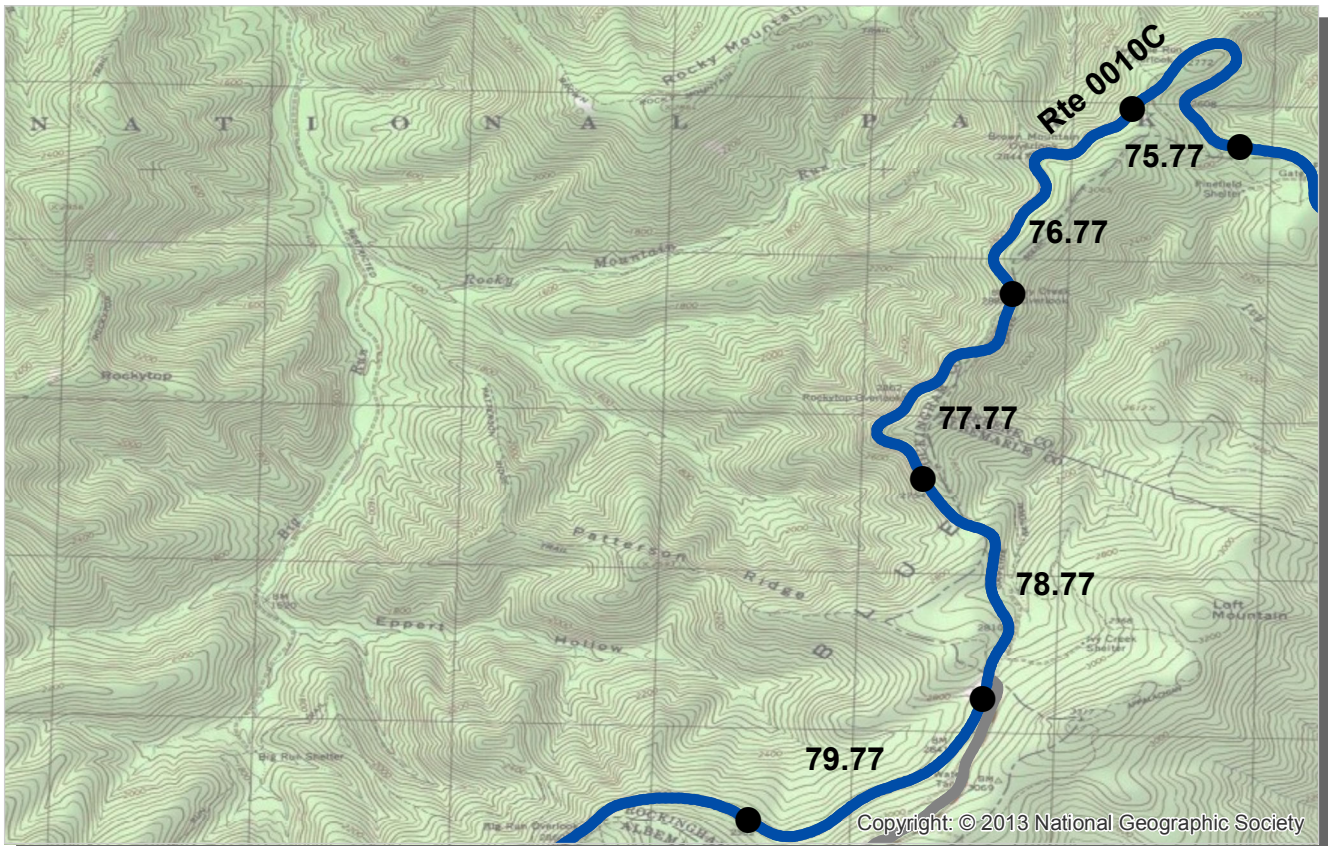
<i>Section Number</i>	70.77	71.77	72.77	73.77	74.77
<i>Section Length (mi)</i>	1.00	1.00	1.00	1.00	1.00
<i>Cross Section Information</i>					
Number of Lanes	2	2	2	2	2
Paved Width (ft)	21	21	21	21	21
Lane Width (ft)	9	9	9	9	9
<i>Roadway Condition Information</i>					
SCR (Surface Condition Rating)	100	100	100	100	100
PCR (Pavement Condition Rating)	100	100	100	100	100
<i>Distress Index Values</i>					
Structural Crack Index	100	100	100	100	100
Transverse Cracking Index	100	100	100	100	100
Patching Index	100	100	100	100	100
Rutting Index	100	100	100	100	100
Roughness Condition Index (RCI)	100	100	100	100	100

NOTES:

Structural Crack Index is a combination of the Longitudinal Cracking Index and Alligator Cracking Index.
 See Section 10 for explanation of SCR, PCR, & all Distress Index Values.

NC - Not Collected N/A - Not Applicable

ROUTE: 0010C SKYLINE DRIVE (SOUTH)



PCR Poor ■ Fair ■ Good ■ Excellent ■ No Data ■
 (0 - 60) (61 - 84) (85 - 94) (95 - 100)

* If the PCR rating is not available for a section, the SCR rating will be displayed. See appendix for definitions and formulas.

ROUTE: 0010C SKYLINE DRIVE (SOUTH)
SHEN : SHENANDOAH NATIONAL PARK

COLLECTED: 9/26/2013
TOTAL LENGTH: 39.89 Miles

NORTHEAST REGION

<i>Section Number</i>	75.77	76.77	77.77	78.77	79.77
<i>Section Length (mi)</i>	1.00	1.00	1.00	1.00	1.00
<i>Cross Section Information</i>					
Number of Lanes	2	2	2	2	2
Paved Width (ft)	21	22	21	22	21
Lane Width (ft)	9	9	9	9	9
<i>Roadway Condition Information</i>					
SCR (Surface Condition Rating)	100	100	100	100	100
PCR (Pavement Condition Rating)	100	100	100	100	100
<i>Distress Index Values</i>					
Structural Crack Index	100	100	100	100	100
Transverse Cracking Index	100	100	100	100	100
Patching Index	100	100	100	100	100
Rutting Index	100	100	100	100	100
Roughness Condition Index (RCI)	100	100	100	100	100

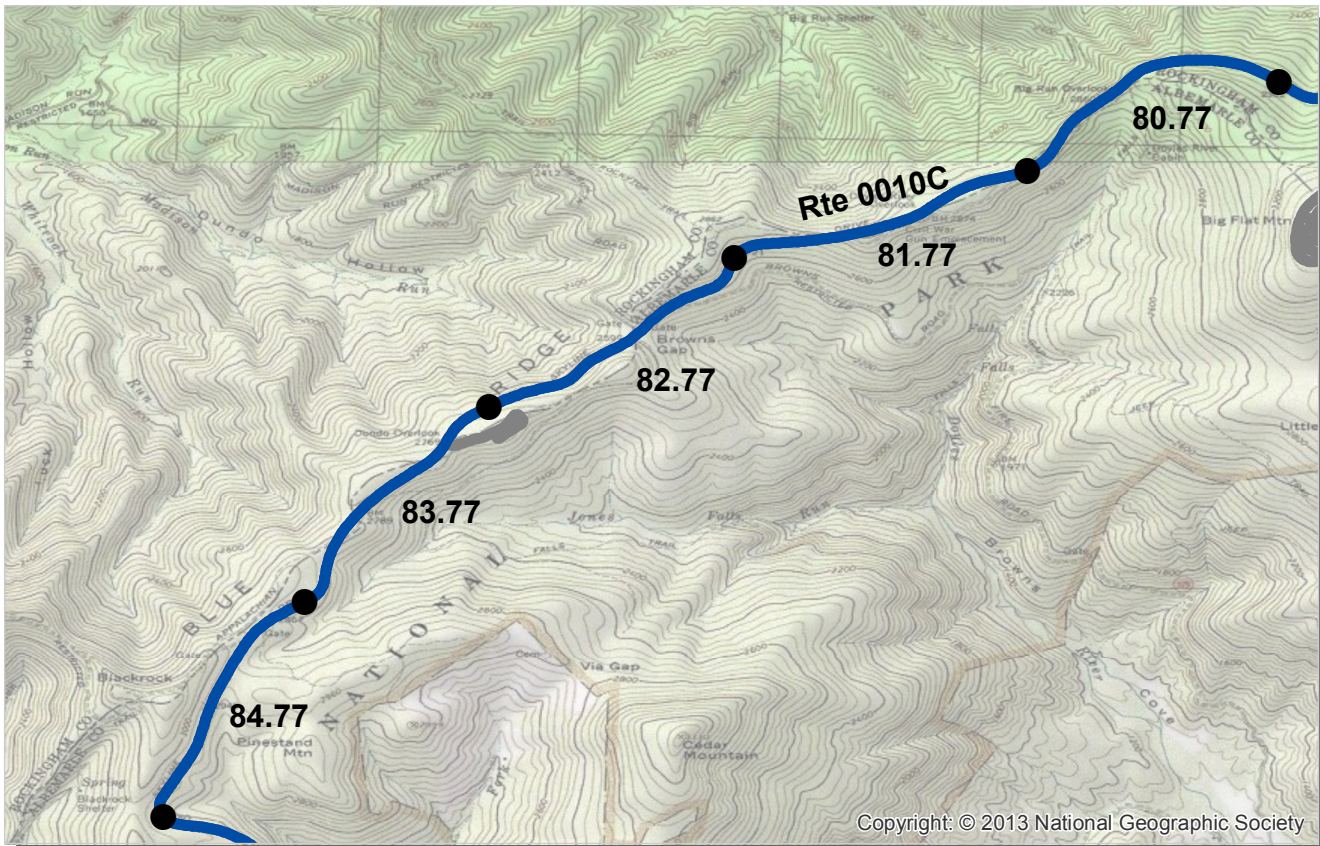
NOTES:

Structural Crack Index is a combination of the Longitudinal Cracking Index and Alligator Cracking Index.

See Section 10 for explanation of SCR, PCR, & all Distress Index Values.

NC - Not Collected N/A - Not Applicable

ROUTE: 0010C SKYLINE DRIVE (SOUTH)



PCR Poor ■ Fair ■ Good ■ Excellent ■ No Data ■
 (0 - 60) (61 - 84) (85 - 94) (95 - 100)

* If the PCR rating is not available for a section, the SCR rating will be displayed. See appendix for definitions and formulas.

ROUTE: 0010C SKYLINE DRIVE (SOUTH)
SHEN : SHENANDOAH NATIONAL PARK

COLLECTED: 9/26/2013
TOTAL LENGTH: 39.89 Miles

NORTHEAST REGION

<i>Section Number</i>	80.77	81.77	82.77	83.77	84.77
<i>Section Length (mi)</i>	1.00	1.00	1.00	1.00	1.00
<i>Cross Section Information</i>					
Number of Lanes	2	2	2	2	2
Paved Width (ft)	21	21	21	21	20
Lane Width (ft)	9	9	9	9	9
<i>Roadway Condition Information</i>					
SCR (Surface Condition Rating)	100	100	100	100	100
PCR (Pavement Condition Rating)	100	100	100	100	100
<i>Distress Index Values</i>					
Structural Crack Index	100	100	100	100	100
Transverse Cracking Index	100	100	100	100	100
Patching Index	100	100	100	100	100
Rutting Index	100	100	100	100	100
Roughness Condition Index (RCI)	100	100	100	100	100

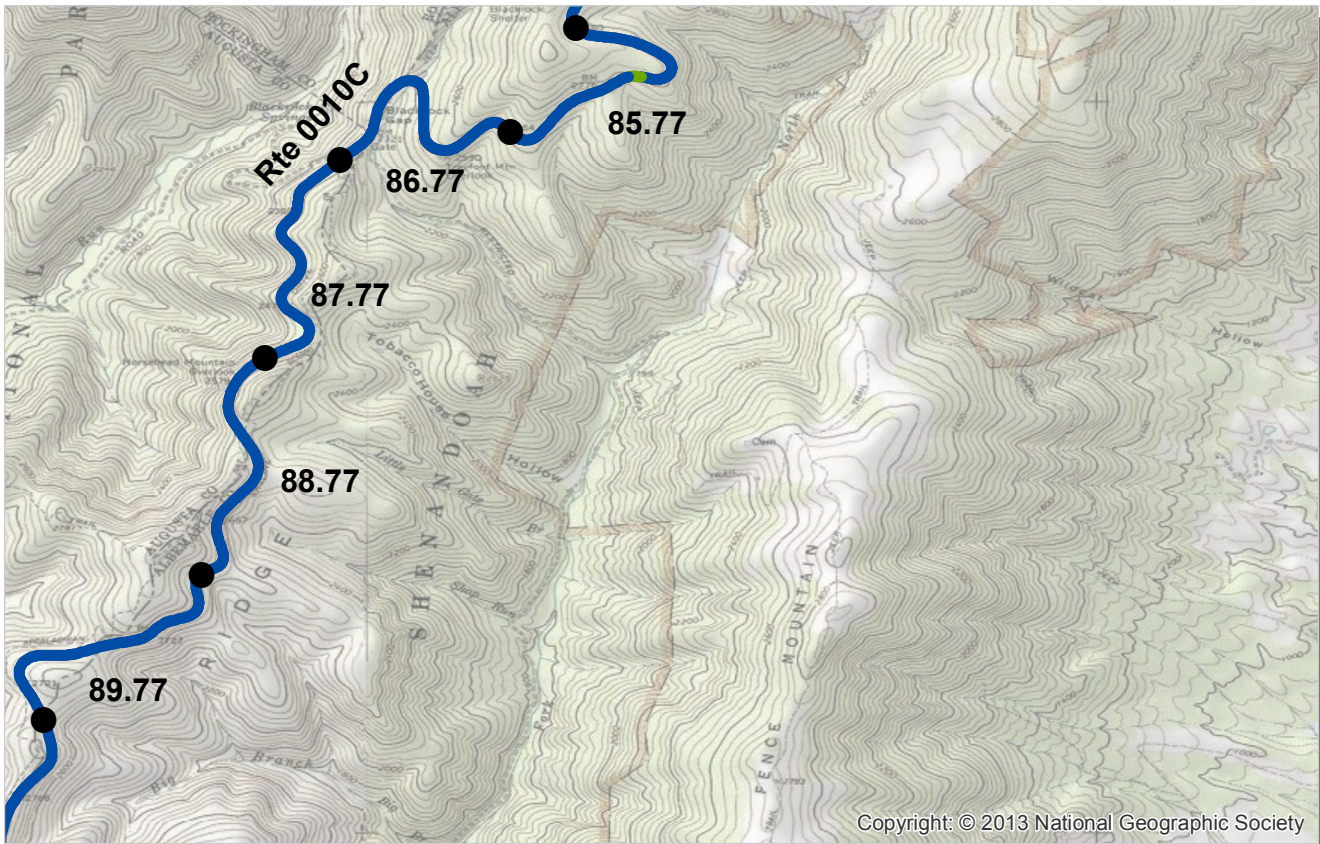
NOTES:

Structural Crack Index is a combination of the Longitudinal Cracking Index and Alligator Cracking Index.
 See Section 10 for explanation of SCR, PCR, & all Distress Index Values.

NC - Not Collected N/A - Not Applicable



ROUTE: 0010C SKYLINE DRIVE (SOUTH)



PCR Poor ■ Fair ■ Good ■ Excellent ■ No Data ■
 (0 - 60) (61 - 84) (85 - 94) (95 - 100)

* If the PCR rating is not available for a section, the SCR rating will be displayed. See appendix for definitions and formulas.

ROUTE: 0010C SKYLINE DRIVE (SOUTH)
SHEN : SHENANDOAH NATIONAL PARK

COLLECTED: 9/26/2013
TOTAL LENGTH: 39.89 Miles

NORTHEAST REGION

<i>Section Number</i>	85.77	86.77	87.77	88.77	89.77
<i>Section Length (mi)</i>	1.00	1.00	1.00	1.00	1.00
<i>Cross Section Information</i>					
Number of Lanes	2	2	2	2	2
Paved Width (ft)	20	21	21	20	20
Lane Width (ft)	9	9	9	9	9
<i>Roadway Condition Information</i>					
SCR (Surface Condition Rating)	99	100	100	100	100
PCR (Pavement Condition Rating)	99	100	100	100	100
<i>Distress Index Values</i>					
Structural Crack Index	99	100	100	100	100
Transverse Cracking Index	100	100	100	100	100
Patching Index	100	100	100	100	100
Rutting Index	100	100	100	100	100
Roughness Condition Index (RCI)	100	100	100	100	100

NOTES:
 Structural Crack Index is a combination of the Longitudinal Cracking Index and Alligator Cracking Index.
 See Section 10 for explanation of SCR, PCR, & all Distress Index Values.
 NC - Not Collected N/A - Not Applicable



ROUTE: 0010C SKYLINE DRIVE (SOUTH)



PCR Poor ■ Fair ■ Good ■ Excellent ■ No Data ■
 (0 - 60) (61 - 84) (85 - 94) (95 - 100)

* If the PCR rating is not available for a section, the SCR rating will be displayed. See appendix for definitions and formulas.

ROUTE: 0010C SKYLINE DRIVE (SOUTH)
SHEN : SHENANDOAH NATIONAL PARK

COLLECTED: 9/26/2013
TOTAL LENGTH: 39.89 Miles

NORTHEAST REGION

<i>Section Number</i>	90.77	91.77	92.77	93.77	94.77
<i>Section Length (mi)</i>	1.00	1.00	1.00	1.00	1.00
<i>Cross Section Information</i>					
Number of Lanes	2	2	2	2	2
Paved Width (ft)	21	20	20	21	21
Lane Width (ft)	9	9	9	9	9
<i>Roadway Condition Information</i>					
SCR (Surface Condition Rating)	100	100	100	98	94
PCR (Pavement Condition Rating)	100	100	100	99	96
<i>Distress Index Values</i>					
Structural Crack Index	100	100	100	98	94
Transverse Cracking Index	100	100	100	100	98
Patching Index	100	100	100	100	100
Rutting Index	100	100	100	99	98
Roughness Condition Index (RCI)	100	100	100	100	100

NOTES:

Structural Crack Index is a combination of the Longitudinal Cracking Index and Alligator Cracking Index.
 See Section 10 for explanation of SCR, PCR, & all Distress Index Values.

NC - Not Collected N/A - Not Applicable



ROUTE: 0010C SKYLINE DRIVE (SOUTH)



PCR Poor ■ Fair ■ Good ■ Excellent ■ No Data ■
 (0 - 60) (61 - 84) (85 - 94) (95 - 100)

* If the PCR rating is not available for a section, the SCR rating will be displayed. See appendix for definitions and formulas.

ROUTE: 0010C SKYLINE DRIVE (SOUTH)
SHEN : SHENANDOAH NATIONAL PARK

COLLECTED: 9/26/2013
TOTAL LENGTH: 39.89 Miles

NORTHEAST REGION

<i>Section Number</i>	95.77	96.77	97.77	98.77	99.77
<i>Section Length (mi)</i>	1.00	1.00	1.00	1.00	1.00
<i>Cross Section Information</i>					
Number of Lanes	2	2	2	2	2
Paved Width (ft)	21	21	21	21	21
Lane Width (ft)	9	9	9	9	9
<i>Roadway Condition Information</i>					
SCR (Surface Condition Rating)	94	99	100	99	99
PCR (Pavement Condition Rating)	96	99	100	99	99
<i>Distress Index Values</i>					
Structural Crack Index	94	99	100	100	99
Transverse Cracking Index	99	100	100	100	100
Patching Index	100	100	100	100	100
Rutting Index	99	99	100	99	99
Roughness Condition Index (RCI)	100	100	100	98	98

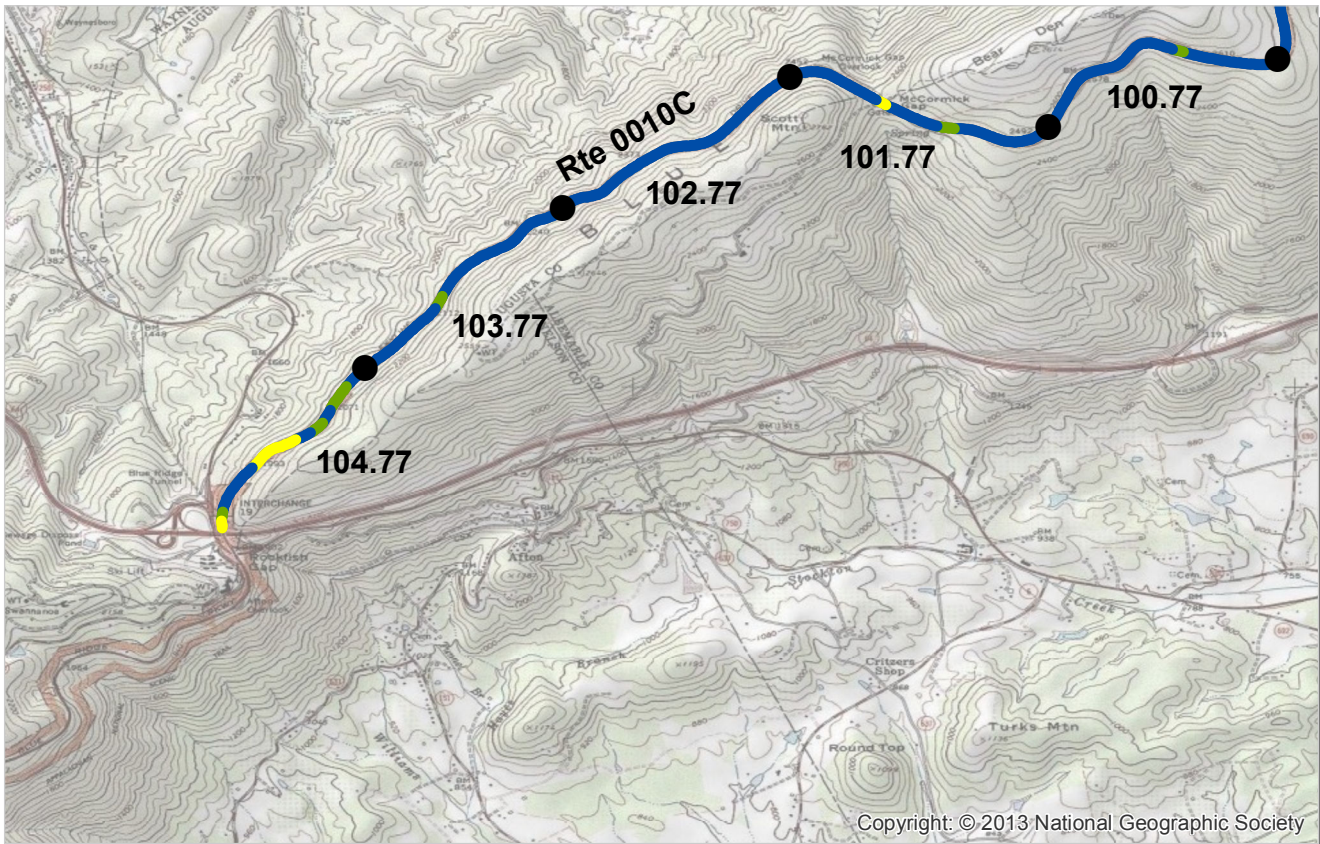
NOTES:

Structural Crack Index is a combination of the Longitudinal Cracking Index and Alligator Cracking Index.
 See Section 10 for explanation of SCR, PCR, & all Distress Index Values.

NC - Not Collected N/A - Not Applicable



ROUTE: 0010C SKYLINE DRIVE (SOUTH)



PCR Poor ■ (0 - 60) Fair ■ (61 - 84) Good ■ (85 - 94) Excellent ■ (95 - 100) No Data ■

* If the PCR rating is not available for a section, the SCR rating will be displayed. See appendix for definitions and formulas.

ROUTE: 0010C SKYLINE DRIVE (SOUTH)
SHEN : SHENANDOAH NATIONAL PARK

COLLECTED: 9/26/2013

TOTAL LENGTH: 39.89 Miles

NORTHEAST REGION

<i>Section Number</i>	100.77	101.77	102.77	103.77	104.77
<i>Section Length (mi)</i>	1.00	1.00	1.00	1.00	0.89
<i>Cross Section Information</i>					
Number of Lanes	2	2	2	2	2
Paved Width (ft)	20	20	21	20	23
Lane Width (ft)	9	9	9	9	9
<i>Roadway Condition Information</i>					
SCR (Surface Condition Rating)	99	99	99	100	99
PCR (Pavement Condition Rating)	99	97	98	98	92
<i>Distress Index Values</i>					
Structural Crack Index	100	99	99	100	100
Transverse Cracking Index	100	99	100	100	100
Patching Index	100	100	100	100	100
Rutting Index	99	100	100	100	99
Roughness Condition Index (RCI)	100	95	97	96	81

NOTES:

Structural Crack Index is a combination of the Longitudinal Cracking Index and Alligator Cracking Index.

See Section 10 for explanation of SCR, PCR, & all Distress Index Values.

NC - Not Collected N/A - Not Applicable

ROUTE: 0010C SKYLINE DRIVE (SOUTH)



PCR Poor ■ Fair ■ Good ■ Excellent ■ No Data ■
 (0 - 60) (61 - 84) (85 - 94) (95 - 100)

* If the PCR rating is not available for a section, the SCR rating will be displayed. See appendix for definitions and formulas.

ROUTE: 0012 MATHEWS ARM ENTRANCE ROAD
SHEN : SHENANDOAH NATIONAL PARK

COLLECTED: 9/25/2013
TOTAL LENGTH: 0.77 Miles

NORTHEAST REGION

Section Number	0				
Section Length (mi)	0.77				
Cross Section Information					
Number of Lanes	2				
Paved Width (ft)	28				
Lane Width (ft)	12				
Roadway Condition Information					
SCR (Surface Condition Rating)	95				
PCR (Pavement Condition Rating)	95				
Distress Index Values					
Structural Crack Index	99				
Transverse Cracking Index	100				
Patching Index	100				
Rutting Index	95				
Roughness Condition Index (RCI)	NC				

NOTES:

Structural Crack Index is a combination of the Longitudinal Cracking Index and Alligator Cracking Index.
 See Section 10 for explanation of SCR, PCR, & all Distress Index Values.
 NC - Not Collected N/A - Not Applicable



ROUTE: 0012 MATHEWS ARM ENTRANCE ROAD



PCR	Poor	Fair	Good	Excellent	No Data
	(0 - 60)	(61 - 84)	(85 - 94)	(95 - 100)	

* If the PCR rating is not available for a section, the SCR rating will be displayed. See appendix for definitions and formulas.

ROUTE: 0032 SKYLAND UPPER LOOP
SHEN : SHENANDOAH NATIONAL PARK

COLLECTED: 9/25/2013
TOTAL LENGTH: 0.83 Miles

NORTHEAST REGION

Section Number	0				
Section Length (mi)	0.83				
Cross Section Information					
Number of Lanes	2				
Paved Width (ft)	20				
Lane Width (ft)	9				
Roadway Condition Information					
SCR (Surface Condition Rating)	100				
PCR (Pavement Condition Rating)	100				
Distress Index Values					
Structural Crack Index	100				
Transverse Cracking Index	100				
Patching Index	100				
Rutting Index	100				
Roughness Condition Index (RCI)	NC				

NOTES:

Structural Crack Index is a combination of the Longitudinal Cracking Index and Alligator Cracking Index.
 See Section 10 for explanation of SCR, PCR, & all Distress Index Values.

NC - Not Collected N/A - Not Applicable

ROUTE: 0032 SKYLAND UPPER LOOP



PCR Poor ■ Fair ■ Good ■ Excellent ■ No Data ■
 (0 - 60) (61 - 84) (85 - 94) (95 - 100)

* If the PCR rating is not available for a section, the SCR rating will be displayed. See appendix for definitions and formulas.

ROUTE: 0033 SKYLAND LOWER LOOP
SHEN : SHENANDOAH NATIONAL PARK

COLLECTED: 9/25/2013
TOTAL LENGTH: 0.71 Miles

NORTHEAST REGION

Section Number	0				
Section Length (mi)	0.71				
Cross Section Information					
Number of Lanes	2				
Paved Width (ft)	18				
Lane Width (ft)	9				
Roadway Condition Information					
SCR (Surface Condition Rating)	100				
PCR (Pavement Condition Rating)	100				
Distress Index Values					
Structural Crack Index	100				
Transverse Cracking Index	100				
Patching Index	100				
Rutting Index	100				
Roughness Condition Index (RCI)	NC				

NOTES:

Structural Crack Index is a combination of the Longitudinal Cracking Index and Alligator Cracking Index.

See Section 10 for explanation of SCR, PCR, & all Distress Index Values.

NC - Not Collected N/A - Not Applicable



ROUTE: 0033 SKYLAND LOWER LOOP



PCR Poor ■ Fair ■ Good ■ Excellent ■ No Data ■
 (0 - 60) (61 - 84) (85 - 94) (95 - 100)

* If the PCR rating is not available for a section, the SCR rating will be displayed. See appendix for definitions and formulas.

ROUTE: 0034 BIG MEADOWS ENTRANCE ROAD
SHEN : SHENANDOAH NATIONAL PARK

COLLECTED: 9/25/2013
TOTAL LENGTH: 0.74 Miles

NORTHEAST REGION

Section Number	0				
Section Length (mi)	0.74				
Cross Section Information					
Number of Lanes	2				
Paved Width (ft)	22				
Lane Width (ft)	10				
Roadway Condition Information					
SCR (Surface Condition Rating)	100				
PCR (Pavement Condition Rating)	100				
Distress Index Values					
Structural Crack Index	100				
Transverse Cracking Index	100				
Patching Index	100				
Rutting Index	100				
Roughness Condition Index (RCI)	100				

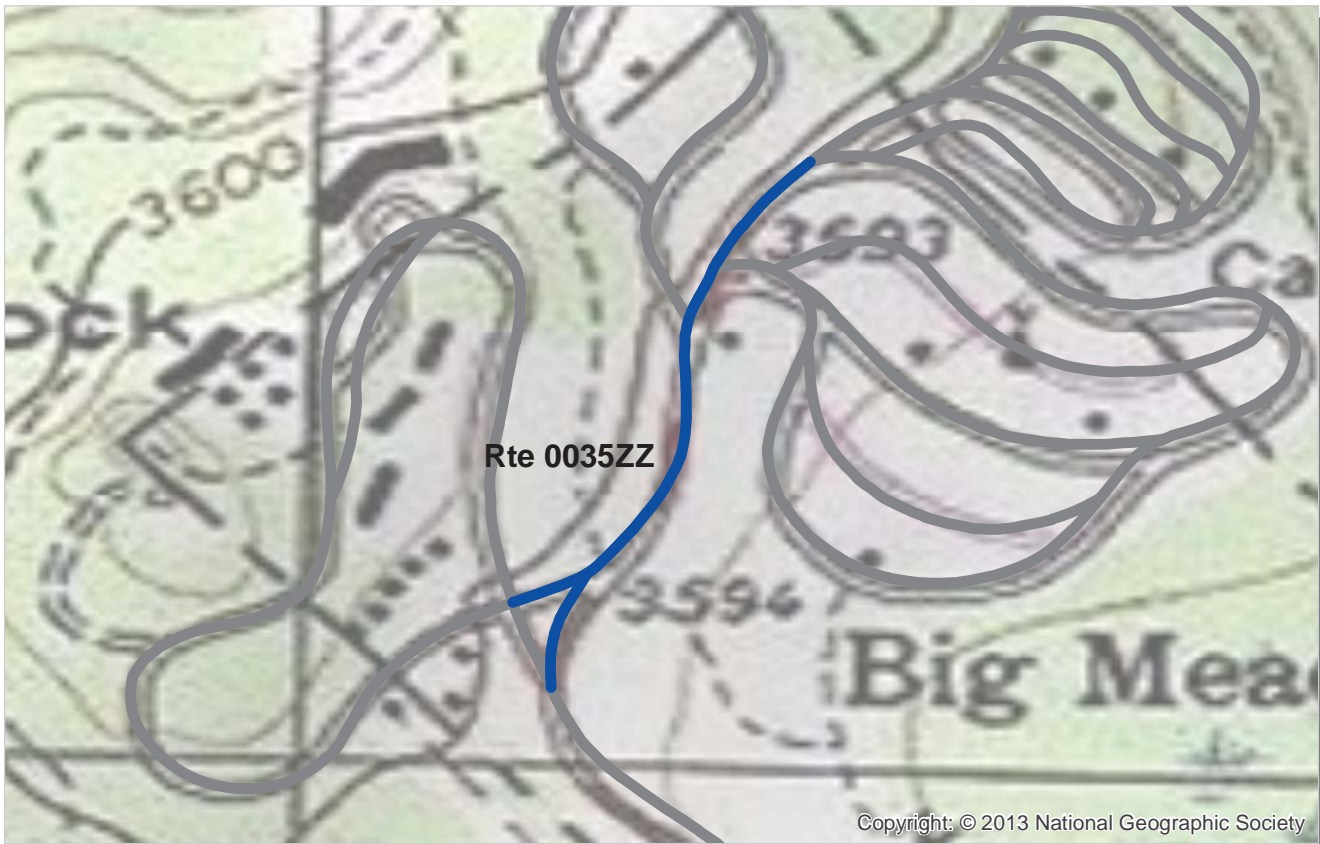
NOTES:

Structural Crack Index is a combination of the Longitudinal Cracking Index and Alligator Cracking Index.
 See Section 10 for explanation of SCR, PCR, & all Distress Index Values.

NC - Not Collected N/A - Not Applicable



ROUTE: 0034 BIG MEADOWS ENTRANCE ROAD



PCR Poor ■ Fair ■ Good ■ Excellent ■ No Data ■
 (0 - 60) (61 - 84) (85 - 94) (95 - 100)

* If the PCR rating is not available for a section, the SCR rating will be displayed. See appendix for definitions and formulas.

ROUTE: 0035ZZ BIG MEADOWS CAMPGROUND ACCESS ROADS
SHEN : SHENANDOAH NATIONAL PARK

Summary Record

COLLECTED: 9/25/2013

NORTHEAST REGION

TOTAL LENGTH: 0.30 Miles

Section Number					
Section Length (mi)					
Cross Section Information					
Number of Lanes	N/A				
Paved Width (ft)	N/A				
Lane Width (ft)	N/A				
Roadway Condition Information					
SCR (Surface Condition Rating)	99				
PCR (Pavement Condition Rating)	99				
Distress Index Values					
Structural Crack Index	N/A				
Transverse Cracking Index	N/A				
Patching Index	N/A				
Rutting Index	N/A				
Roughness Condition Index (RCI)	N/A				

NOTES:

Structural Crack Index is a combination of the Longitudinal Cracking Index and Alligator Cracking Index.

See Section 10 for explanation of SCR, PCR, & all Distress Index Values.

NC - Not Collected N/A - Not Applicable

ROUTE: 0035ZZ BIG MEADOWS CAMPGROUND ACCESS ROADS



PCR Poor ■ Fair ■ Good ■ Excellent ■ No Data ■
 (0 - 60) (61 - 84) (85 - 94) (95 - 100)

* If the PCR rating is not available for a section, the SCR rating will be displayed. See appendix for definitions and formulas.

ROUTE: 0035AZ BIG MEADOWS CAMPGROUND ACCESS
SHEN : SHENANDOAH NATIONAL PARK

Subcomponent Record

COLLECTED: 9/25/2013

NORTHEAST REGION

TOTAL LENGTH: 0.26 Miles

Section Number	0				
Section Length (mi)	0.26				
Cross Section Information					
Number of Lanes	2				
Paved Width (ft)	27				
Lane Width (ft)	10				
Roadway Condition Information					
SCR (Surface Condition Rating)	99				
PCR (Pavement Condition Rating)	99				
Distress Index Values					
Structural Crack Index	100				
Transverse Cracking Index	99				
Patching Index	100				
Rutting Index	99				
Roughness Condition Index (RCI)	NC				

NOTES:

Structural Crack Index is a combination of the Longitudinal Cracking Index and Alligator Cracking Index.

See Section 10 for explanation of SCR, PCR, & all Distress Index Values.

NC - Not Collected N/A - Not Applicable

ROUTE: 0035AZ BIG MEADOWS CAMPGROUND ACCESS



PCR	Poor		Fair		Good		Excellent		No Data	
		(0 - 60)		(61 - 84)		(85 - 94)		(95 - 100)		

* If the PCR rating is not available for a section, the SCR rating will be displayed. See appendix for definitions and formulas.

ROUTE: 0035BZ BIG MEADOWS CAMPGROUND ACCESS SPUR
SHEN : SHENANDOAH NATIONAL PARK

Subcomponent Record

COLLECTED: 9/25/2013

NORTHEAST REGION

TOTAL LENGTH: 0.04 Miles

Section Number	0				
Section Length (mi)	0.04				
Cross Section Information					
Number of Lanes	2				
Paved Width (ft)	20				
Lane Width (ft)	9				
Roadway Condition Information					
SCR (Surface Condition Rating)	99				
PCR (Pavement Condition Rating)	99				
Distress Index Values					
Structural Crack Index	100				
Transverse Cracking Index	100				
Patching Index	100				
Rutting Index	99				
Roughness Condition Index (RCI)	NC				

NOTES:

Structural Crack Index is a combination of the Longitudinal Cracking Index and Alligator Cracking Index.

See Section 10 for explanation of SCR, PCR, & all Distress Index Values.

NC - Not Collected N/A - Not Applicable

ROUTE: 0035BZ BIG MEADOWS CAMPGROUND ACCESS SPUR



PCR	Poor	Fair	Good	Excellent	No Data
	(0 - 60)	(61 - 84)	(85 - 94)	(95 - 100)	

* If the PCR rating is not available for a section, the SCR rating will be displayed. See appendix for definitions and formulas.

ROUTE: 0036 BIG MEADOWS MAINTENANCE ACCESS AND TRAILER DUMP
SHEN : SHENANDOAH NATIONAL PARK

COLLECTED: 9/25/2013
TOTAL LENGTH: 0.16 Miles

NORTHEAST REGION

Section Number	0				
Section Length (mi)	0.16				
Cross Section Information					
Number of Lanes	2				
Paved Width (ft)	22				
Lane Width (ft)	10				
Roadway Condition Information					
SCR (Surface Condition Rating)	99				
PCR (Pavement Condition Rating)	99				
Distress Index Values					
Structural Crack Index	100				
Transverse Cracking Index	100				
Patching Index	100				
Rutting Index	99				
Roughness Condition Index (RCI)	NC				

NOTES:

Structural Crack Index is a combination of the Longitudinal Cracking Index and Alligator Cracking Index.

See Section 10 for explanation of SCR, PCR, & all Distress Index Values.

NC - Not Collected N/A - Not Applicable

ROUTE: 0036 BIG MEADOWS MAINTENANCE ACCESS AND TRAILER DUMP



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PCR	Poor	Fair	Good	Excellent	No Data
	(0 - 60)	(61 - 84)	(85 - 94)	(95 - 100)	

* If the PCR rating is not available for a section, the SCR rating will be displayed. See appendix for definitions and formulas.

ROUTE: 0038 BIG MEADOWS VISITOR CENTER ACCESS ROAD
SHEN : SHENANDOAH NATIONAL PARK

COLLECTED: 9/25/2013
TOTAL LENGTH: 0.28 Miles

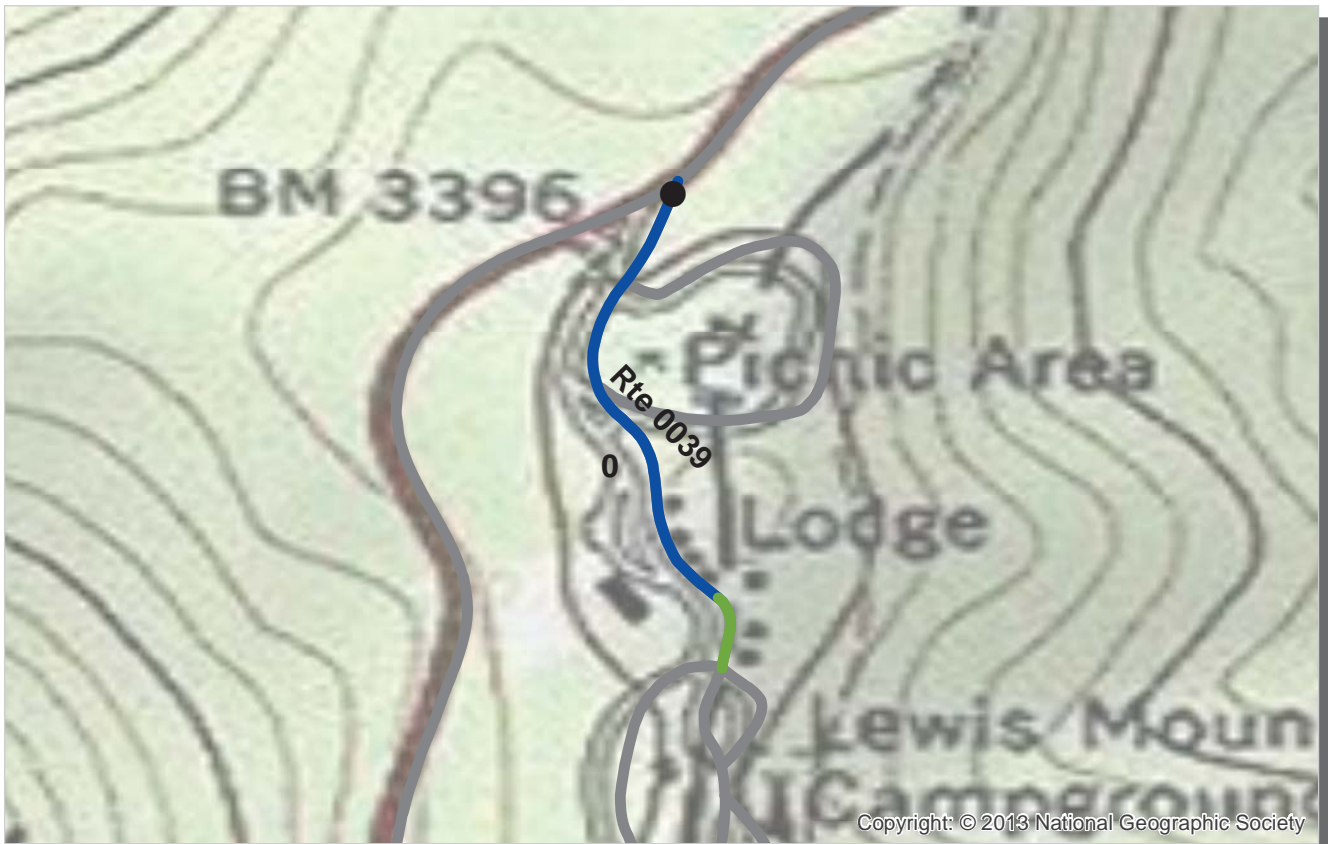
NORTHEAST REGION

Section Number	0				
Section Length (mi)	0.28				
Cross Section Information					
Number of Lanes	2				
Paved Width (ft)	21				
Lane Width (ft)	10				
Roadway Condition Information					
SCR (Surface Condition Rating)	100				
PCR (Pavement Condition Rating)	100				
Distress Index Values					
Structural Crack Index	100				
Transverse Cracking Index	100				
Patching Index	100				
Rutting Index	100				
Roughness Condition Index (RCI)	NC				

NOTES:

Structural Crack Index is a combination of the Longitudinal Cracking Index and Alligator Cracking Index.
 See Section 10 for explanation of SCR, PCR, & all Distress Index Values.
 NC - Not Collected N/A - Not Applicable

ROUTE: 0038 BIG MEADOWS VISITOR CENTER ACCESS ROAD



PCR	Poor	Fair	Good	Excellent	No Data
	(0 - 60)	(61 - 84)	(85 - 94)	(95 - 100)	

* If the PCR rating is not available for a section, the SCR rating will be displayed. See appendix for definitions and formulas.

ROUTE: 0039 LEWIS MOUNTAIN ENTRANCE ROAD
SHEN : SHENANDOAH NATIONAL PARK

COLLECTED: 9/25/2013
TOTAL LENGTH: 0.26 Miles

NORTHEAST REGION

Section Number	0				
Section Length (mi)	0.26				
Cross Section Information					
Number of Lanes	2				
Paved Width (ft)	18				
Lane Width (ft)	8				
Roadway Condition Information					
SCR (Surface Condition Rating)	97				
PCR (Pavement Condition Rating)	97				
Distress Index Values					
Structural Crack Index	100				
Transverse Cracking Index	99				
Patching Index	100				
Rutting Index	97				
Roughness Condition Index (RCI)	NC				

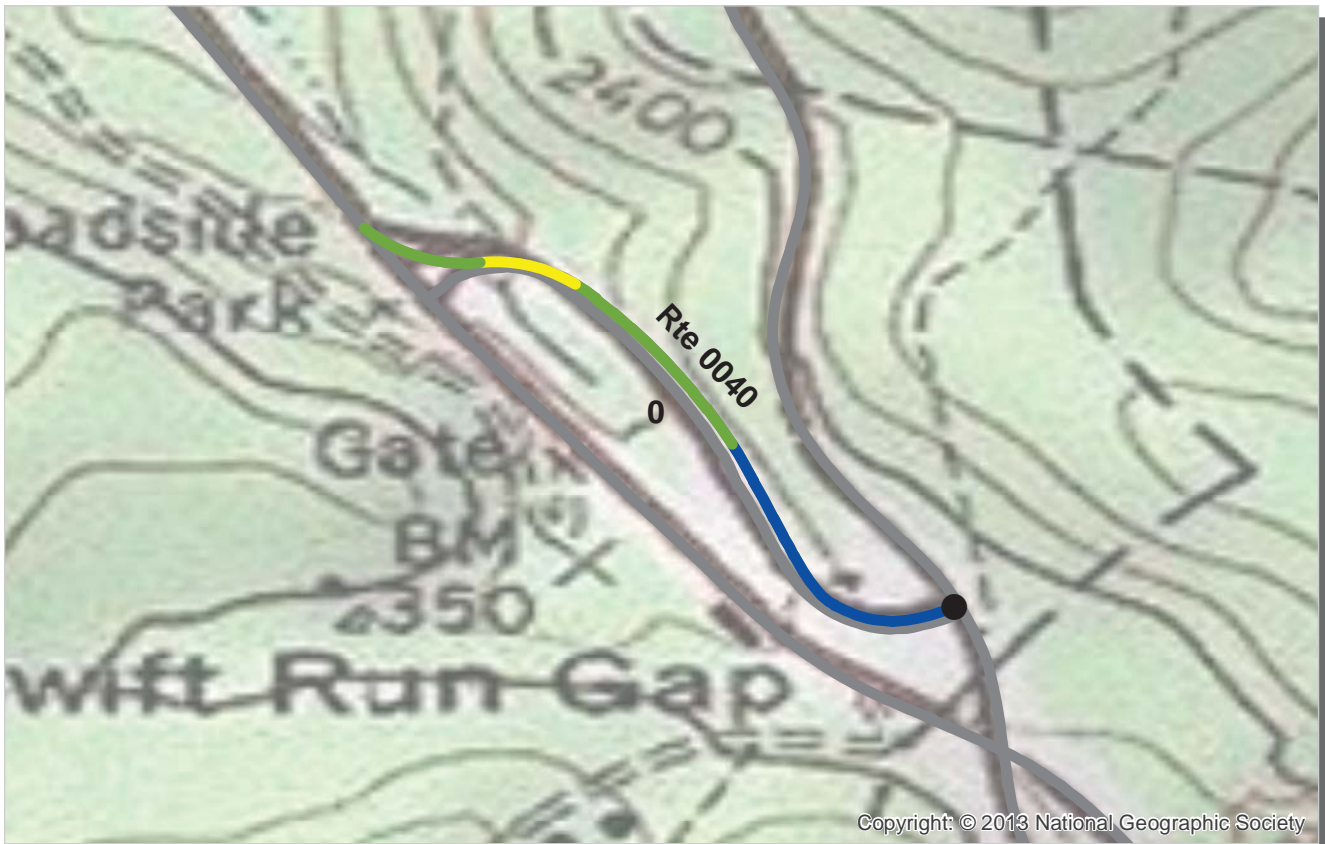
NOTES:

Structural Crack Index is a combination of the Longitudinal Cracking Index and Alligator Cracking Index.

See Section 10 for explanation of SCR, PCR, & all Distress Index Values.

NC - Not Collected N/A - Not Applicable

ROUTE: 0039 LEWIS MOUNTAIN ENTRANCE ROAD



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PCR Poor ■ Fair ■ Good ■ Excellent ■ No Data ■
 (0 - 60) (61 - 84) (85 - 94) (95 - 100)

* If the PCR rating is not available for a section, the SCR rating will be displayed. See appendix for definitions and formulas.

ROUTE: 0040 SWIFT RUN EXIT RAMP
SHEN : SHENANDOAH NATIONAL PARK

COLLECTED: 9/25/2013
TOTAL LENGTH: 0.31 Miles

NORTHEAST REGION

Section Number	0				
Section Length (mi)	0.31				
Cross Section Information					
Number of Lanes	1				
Paved Width (ft)	16				
Lane Width (ft)	13				
Roadway Condition Information					
SCR (Surface Condition Rating)	94				
PCR (Pavement Condition Rating)	94				
Distress Index Values					
Structural Crack Index	94				
Transverse Cracking Index	94				
Patching Index	100				
Rutting Index	97				
Roughness Condition Index (RCI)	NC				

NOTES:

Structural Crack Index is a combination of the Longitudinal Cracking Index and Alligator Cracking Index.

See Section 10 for explanation of SCR, PCR, & all Distress Index Values.

NC - Not Collected N/A - Not Applicable



ROUTE: 0040 SWIFT RUN EXIT RAMP



PCR Poor ■ Fair ■ Good ■ Excellent ■ No Data ■
 (0 - 60) (61 - 84) (85 - 94) (95 - 100)

* If the PCR rating is not available for a section, the SCR rating will be displayed. See appendix for definitions and formulas.

ROUTE: 0041 SWIFT RUN ENTRANCE RAMP
SHEN : SHENANDOAH NATIONAL PARK

COLLECTED: 9/25/2013
TOTAL LENGTH: 0.30 Miles

NORTHEAST REGION

Section Number	0				
Section Length (mi)	0.30				
Cross Section Information					
Number of Lanes	1				
Paved Width (ft)	27				
Lane Width (ft)	13				
Roadway Condition Information					
SCR (Surface Condition Rating)	93				
PCR (Pavement Condition Rating)	93				
Distress Index Values					
Structural Crack Index	98				
Transverse Cracking Index	93				
Patching Index	100				
Rutting Index	98				
Roughness Condition Index (RCI)	NC				

NOTES:

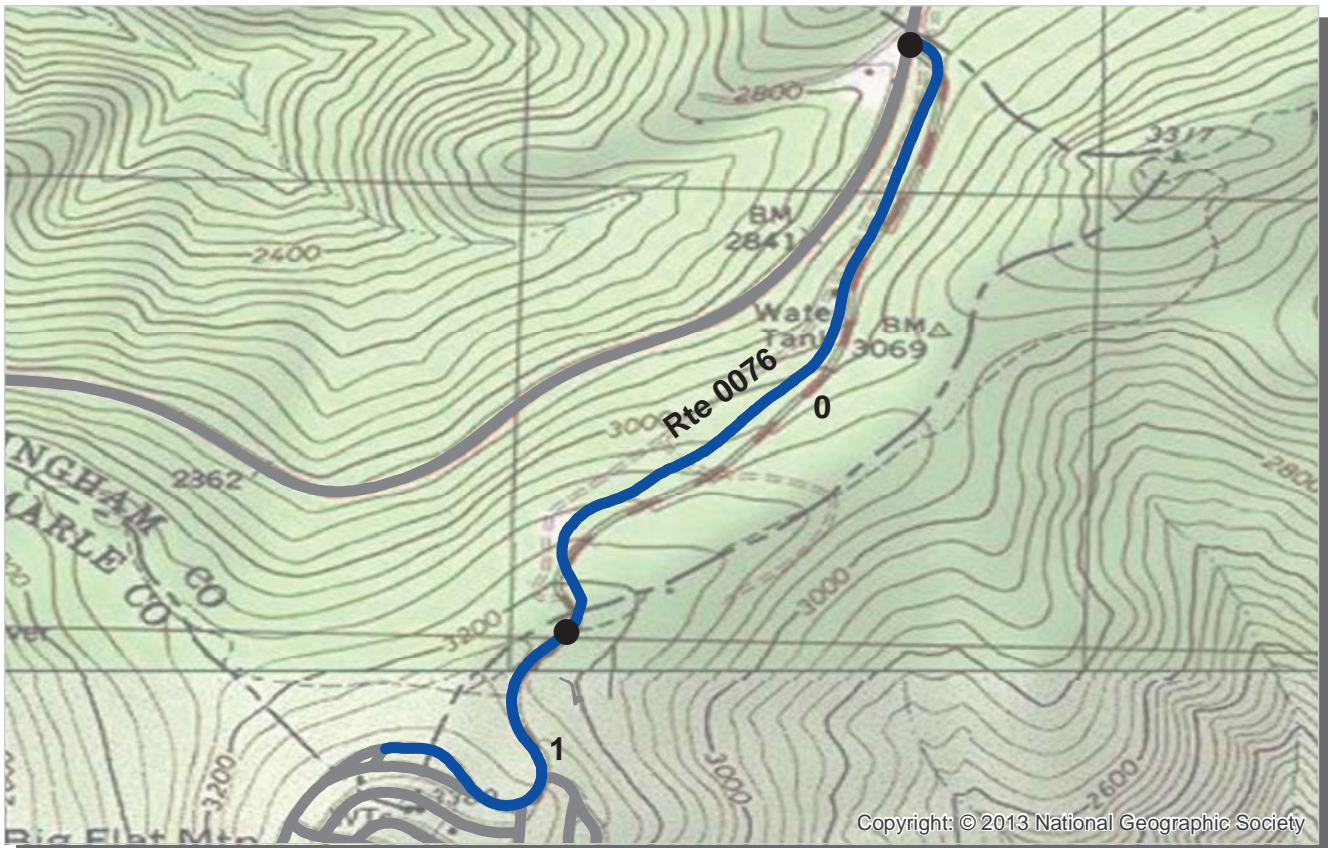
Structural Crack Index is a combination of the Longitudinal Cracking Index and Alligator Cracking Index.

See Section 10 for explanation of SCR, PCR, & all Distress Index Values.

NC - Not Collected N/A - Not Applicable



ROUTE: 0041 SWIFT RUN ENTRANCE RAMP



PCR Poor ■ Fair ■ Good ■ Excellent ■ No Data ■
 (0 - 60) (61 - 84) (85 - 94) (95 - 100)

* If the PCR rating is not available for a section, the SCR rating will be displayed. See appendix for definitions and formulas.

ROUTE: 0076 LOFT MOUNTAIN CAMPGROUND ACCESS
SHEN : SHENANDOAH NATIONAL PARK

COLLECTED: 9/25/2013
TOTAL LENGTH: 1.46 Miles

NORTHEAST REGION

<i>Section Number</i>	0	1			
<i>Section Length (mi)</i>	1.00	0.46			
<i>Cross Section Information</i>					
Number of Lanes	2	2			
Paved Width (ft)	20	20			
Lane Width (ft)	9	10			
<i>Roadway Condition Information</i>					
SCR (Surface Condition Rating)	100	99			
PCR (Pavement Condition Rating)	100	99			
<i>Distress Index Values</i>					
Structural Crack Index	100	100			
Transverse Cracking Index	100	99			
Patching Index	100	100			
Rutting Index	100	99			
Roughness Condition Index (RCI)	NC	NC			

NOTES:

Structural Crack Index is a combination of the Longitudinal Cracking Index and Alligator Cracking Index.
 See Section 10 for explanation of SCR, PCR, & all Distress Index Values.
 NC - Not Collected N/A - Not Applicable



ROUTE: 0076 LOFT MOUNTAIN CAMPGROUND ACCESS



PCR	Poor	(0 - 60)	Fair	(61 - 84)	Good	(85 - 94)	Excellent	(95 - 100)	No Data
-----	------	----------	------	-----------	------	-----------	-----------	------------	---------

* If the PCR rating is not available for a section, the SCR rating will be displayed. See appendix for definitions and formulas.

ROUTE: 0100 NORTH ENTRANCE RESIDENCE
SHEN : SHENANDOAH NATIONAL PARK

COLLECTED: 9/26/2013
TOTAL LENGTH: 0.12 Miles

NORTHEAST REGION

Section Number	0				
Section Length (mi)	0.12				
Cross Section Information					
Number of Lanes	2				
Paved Width (ft)	17				
Lane Width (ft)	9				
Roadway Condition Information					
SCR (Surface Condition Rating)	94				
PCR (Pavement Condition Rating)	94				
Distress Index Values					
Structural Crack Index	99				
Transverse Cracking Index	100				
Patching Index	100				
Rutting Index	94				
Roughness Condition Index (RCI)	NC				

NOTES:

Structural Crack Index is a combination of the Longitudinal Cracking Index and Alligator Cracking Index.
 See Section 10 for explanation of SCR, PCR, & all Distress Index Values.
 NC - Not Collected N/A - Not Applicable



ROUTE: 0100 NORTH ENTRANCE RESIDENCE



PCR	Poor	Fair	Good	Excellent	No Data
	(0 - 60)	(61 - 84)	(85 - 94)	(95 - 100)	

* If the PCR rating is not available for a section, the SCR rating will be displayed. See appendix for definitions and formulas.

ROUTE: 0102 DICKEY RIDGE MAINTENANCE LOOP ROAD
SHEN : SHENANDOAH NATIONAL PARK

COLLECTED: 9/26/2013
TOTAL LENGTH: 0.20 Miles

NORTHEAST REGION

Section Number	0				
Section Length (mi)	0.20				
Cross Section Information					
Number of Lanes	1				
Paved Width (ft)	10				
Lane Width (ft)	9				
Roadway Condition Information					
SCR (Surface Condition Rating)	62				
PCR (Pavement Condition Rating)	62				
Distress Index Values					
Structural Crack Index	62				
Transverse Cracking Index	65				
Patching Index	100				
Rutting Index	82				
Roughness Condition Index (RCI)	NC				

NOTES:

Structural Crack Index is a combination of the Longitudinal Cracking Index and Alligator Cracking Index.

See Section 10 for explanation of SCR, PCR, & all Distress Index Values.

NC - Not Collected N/A - Not Applicable



ROUTE: 0102 DICKEY RIDGE MAINTENANCE LOOP ROAD



PCR Poor ■ Fair ■ Good ■ Excellent ■ No Data ■
 (0 - 60) (61 - 84) (85 - 94) (95 - 100)

* If the PCR rating is not available for a section, the SCR rating will be displayed. See appendix for definitions and formulas.

ROUTE: 0104 HEADQUARTERS ACCESS ROAD
SHEN : SHENANDOAH NATIONAL PARK

COLLECTED: 9/25/2013
TOTAL LENGTH: 0.28 Miles

NORTHEAST REGION

Section Number	0				
Section Length (mi)	0.28				
Cross Section Information					
Number of Lanes	2				
Paved Width (ft)	19				
Lane Width (ft)	9				
Roadway Condition Information					
SCR (Surface Condition Rating)	86				
PCR (Pavement Condition Rating)	86				
Distress Index Values					
Structural Crack Index	86				
Transverse Cracking Index	99				
Patching Index	100				
Rutting Index	98				
Roughness Condition Index (RCI)	NC				

NOTES:

Structural Crack Index is a combination of the Longitudinal Cracking Index and Alligator Cracking Index.
 See Section 10 for explanation of SCR, PCR, & all Distress Index Values.
 NC - Not Collected N/A - Not Applicable



ROUTE: 0104 HEADQUARTERS ACCESS ROAD



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PCR	Poor	Fair	Good	Excellent	No Data
	(0 - 60)	(61 - 84)	(85 - 94)	(95 - 100)	

* If the PCR rating is not available for a section, the SCR rating will be displayed. See appendix for definitions and formulas.

ROUTE: 0107 PINEY RIVER AREA
SHEN : SHENANDOAH NATIONAL PARK

COLLECTED: 9/25/2013
TOTAL LENGTH: 0.16 Miles

NORTHEAST REGION

Section Number	0				
Section Length (mi)	0.16				
Cross Section Information					
Number of Lanes	2				
Paved Width (ft)	17				
Lane Width (ft)	8				
Roadway Condition Information					
SCR (Surface Condition Rating)	98				
PCR (Pavement Condition Rating)	98				
Distress Index Values					
Structural Crack Index	98				
Transverse Cracking Index	99				
Patching Index	100				
Rutting Index	99				
Roughness Condition Index (RCI)	NC				

NOTES:

Structural Crack Index is a combination of the Longitudinal Cracking Index and Alligator Cracking Index.
 See Section 10 for explanation of SCR, PCR, & all Distress Index Values.

NC - Not Collected N/A - Not Applicable



ROUTE: 0107 PINEY RIVER AREA



PCR	Poor	Fair	Good	Excellent	No Data
	(0 - 60)	(61 - 84)	(85 - 94)	(95 - 100)	

* If the PCR rating is not available for a section, the SCR rating will be displayed. See appendix for definitions and formulas.

ROUTE: 0108 THORNTON GAP NORTHBOUND EXIT RAMP
SHEN : SHENANDOAH NATIONAL PARK

COLLECTED: 9/25/2013
TOTAL LENGTH: 0.18 Miles

NORTHEAST REGION

Section Number	0				
Section Length (mi)	0.18				
Cross Section Information					
Number of Lanes	1				
Paved Width (ft)	22				
Lane Width (ft)	13				
Roadway Condition Information					
SCR (Surface Condition Rating)	93				
PCR (Pavement Condition Rating)	93				
Distress Index Values					
Structural Crack Index	95				
Transverse Cracking Index	93				
Patching Index	100				
Rutting Index	94				
Roughness Condition Index (RCI)	NC				

NOTES:

Structural Crack Index is a combination of the Longitudinal Cracking Index and Alligator Cracking Index.
 See Section 10 for explanation of SCR, PCR, & all Distress Index Values.
 NC - Not Collected N/A - Not Applicable

ROUTE: 0108 THORNTON GAP NORTHBOUND EXIT RAMP



PCR Poor ■ Fair ■ Good ■ Excellent ■ No Data ■
 (0 - 60) (61 - 84) (85 - 94) (95 - 100)

* If the PCR rating is not available for a section, the SCR rating will be displayed. See appendix for definitions and formulas.

ROUTE: 0109 THORNTON GAP MAIN ENTRANCE RAMP
SHEN : SHENANDOAH NATIONAL PARK

COLLECTED: 9/25/2013
TOTAL LENGTH: 0.39 Miles

NORTHEAST REGION

Section Number	0				
Section Length (mi)	0.39				
Cross Section Information					
Number of Lanes	1				
Paved Width (ft)	22				
Lane Width (ft)	13				
Roadway Condition Information					
SCR (Surface Condition Rating)	94				
PCR (Pavement Condition Rating)	94				
Distress Index Values					
Structural Crack Index	96				
Transverse Cracking Index	98				
Patching Index	100				
Rutting Index	94				
Roughness Condition Index (RCI)	NC				

NOTES:

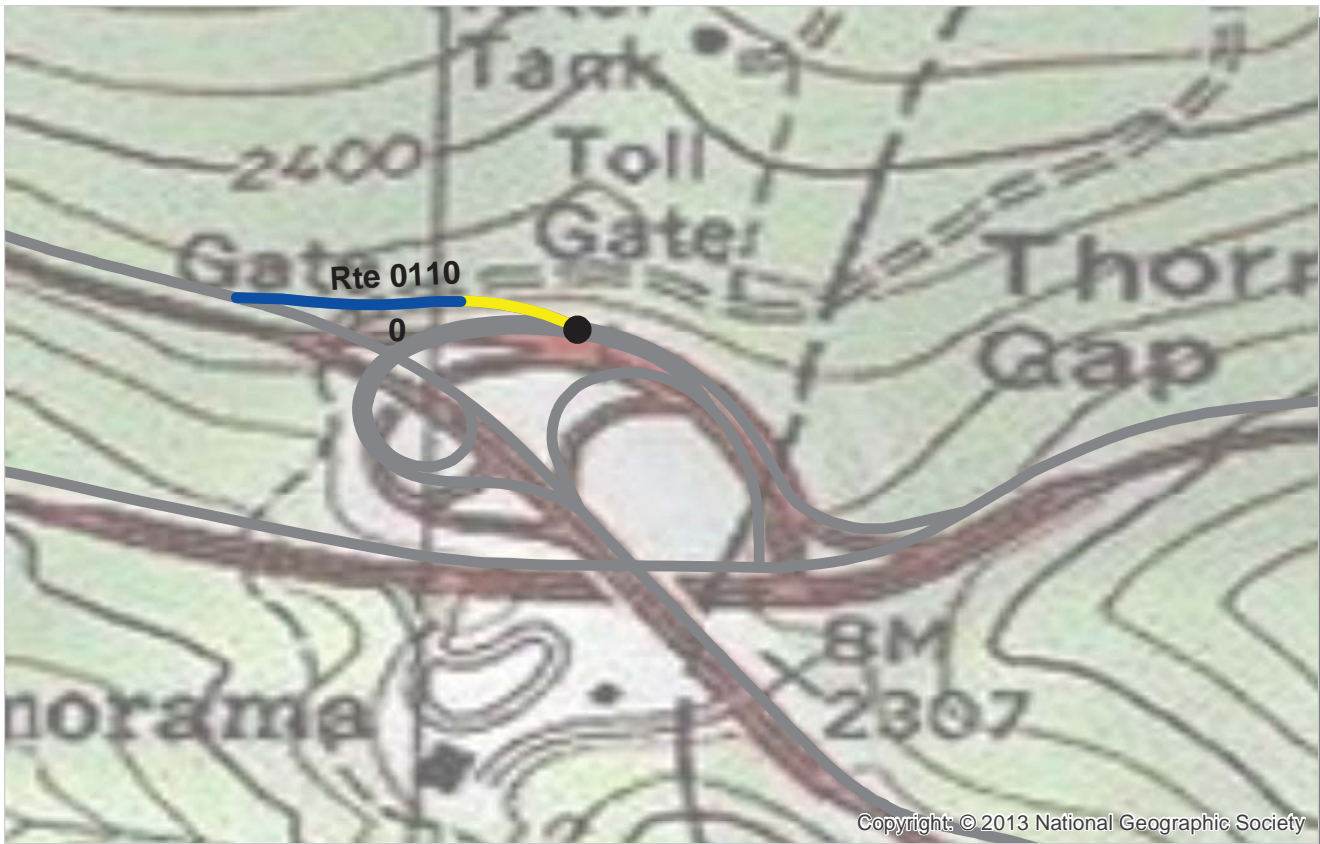
Structural Crack Index is a combination of the Longitudinal Cracking Index and Alligator Cracking Index.

See Section 10 for explanation of SCR, PCR, & all Distress Index Values.

NC - Not Collected N/A - Not Applicable



ROUTE: 0109 THORNTON GAP MAIN ENTRANCE RAMP



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PCR Poor ■ Fair ■ Good ■ Excellent ■ No Data ■
 (0 - 60) (61 - 84) (85 - 94) (95 - 100)

* If the PCR rating is not available for a section, the SCR rating will be displayed. See appendix for definitions and formulas.

ROUTE: 0110 THORNTON GAP ENTRANCE RAMP NORTHBOUND
SHEN : SHENANDOAH NATIONAL PARK

COLLECTED: 9/25/2013
TOTAL LENGTH: 0.12 Miles

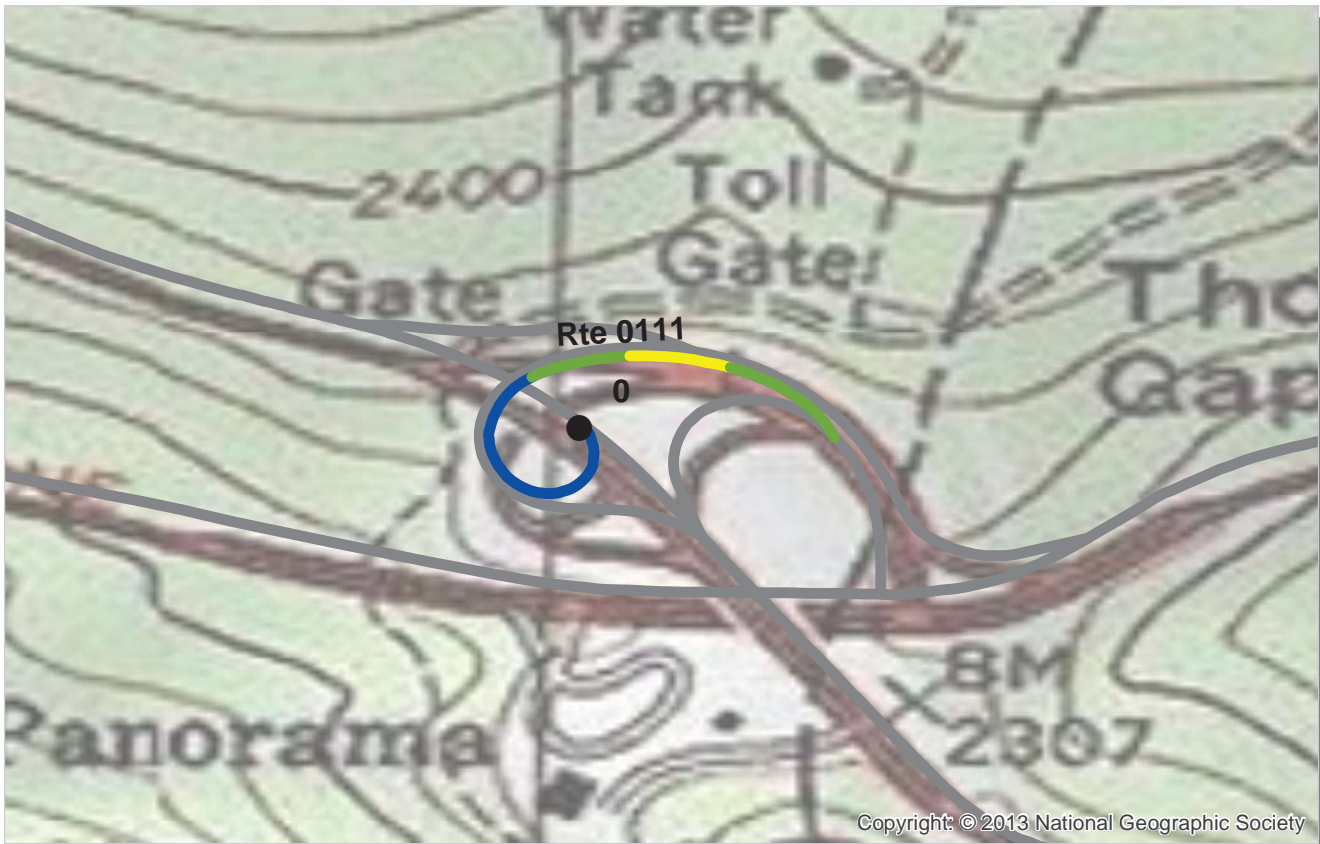
NORTHEAST REGION

Section Number	0				
Section Length (mi)	0.12				
Cross Section Information					
Number of Lanes	1				
Paved Width (ft)	17				
Lane Width (ft)	15				
Roadway Condition Information					
SCR (Surface Condition Rating)	96				
PCR (Pavement Condition Rating)	96				
Distress Index Values					
Structural Crack Index	97				
Transverse Cracking Index	96				
Patching Index	100				
Rutting Index	97				
Roughness Condition Index (RCI)	NC				

NOTES:

Structural Crack Index is a combination of the Longitudinal Cracking Index and Alligator Cracking Index.
 See Section 10 for explanation of SCR, PCR, & all Distress Index Values.
 NC - Not Collected N/A - Not Applicable

ROUTE: 0110 THORNTON GAP ENTRANCE RAMP NORTHBOUND



PCR	Poor	Fair	Good	Excellent	No Data
	(0 - 60)	(61 - 84)	(85 - 94)	(95 - 100)	

* If the PCR rating is not available for a section, the SCR rating will be displayed. See appendix for definitions and formulas.

ROUTE: 0111 THORNTON GAP EXIT RAMP SOUTHBOUND
SHEN : SHENANDOAH NATIONAL PARK

COLLECTED: 9/25/2013
TOTAL LENGTH: 0.25 Miles

NORTHEAST REGION

Section Number	0				
Section Length (mi)	0.25				
Cross Section Information					
Number of Lanes	1				
Paved Width (ft)	17				
Lane Width (ft)	14				
Roadway Condition Information					
SCR (Surface Condition Rating)	93				
PCR (Pavement Condition Rating)	93				
Distress Index Values					
Structural Crack Index	99				
Transverse Cracking Index	93				
Patching Index	100				
Rutting Index	95				
Roughness Condition Index (RCI)	NC				

NOTES:

Structural Crack Index is a combination of the Longitudinal Cracking Index and Alligator Cracking Index.

See Section 10 for explanation of SCR, PCR, & all Distress Index Values.

NC - Not Collected N/A - Not Applicable



ROUTE: 0111 THORNTON GAP EXIT RAMP SOUTHBOUND



PCR Poor ■ Fair ■ Good ■ Excellent ■ No Data ■
 (0 - 60) (61 - 84) (85 - 94) (95 - 100)

* If the PCR rating is not available for a section, the SCR rating will be displayed. See appendix for definitions and formulas.

ROUTE: 0174 SIMMONS GAP RANGER STATION / RESIDENCE ROAD
SHEN : SHENANDOAH NATIONAL PARK

COLLECTED: 9/25/2013
TOTAL LENGTH: 0.13 Miles

NORTHEAST REGION

Section Number	0				
Section Length (mi)	0.13				
Cross Section Information					
Number of Lanes	1				
Paved Width (ft)	11				
Lane Width (ft)	11				
Roadway Condition Information					
SCR (Surface Condition Rating)	87				
PCR (Pavement Condition Rating)	87				
Distress Index Values					
Structural Crack Index	100				
Transverse Cracking Index	100				
Patching Index	100				
Rutting Index	87				
Roughness Condition Index (RCI)	NC				

NOTES:

Structural Crack Index is a combination of the Longitudinal Cracking Index and Alligator Cracking Index.

See Section 10 for explanation of SCR, PCR, & all Distress Index Values.

NC - Not Collected N/A - Not Applicable

ROUTE: 0174 SIMMONS GAP RANGER STATION / RESIDENCE ROAD



PCR Poor ■ Fair ■ Good ■ Excellent ■ No Data ■
 (0 - 60) (61 - 84) (85 - 94) (95 - 100)

* If the PCR rating is not available for a section, the SCR rating will be displayed. See appendix for definitions and formulas.

ROUTE: 0175 SIMMONS GAP AREA RANGER STATION / MAINTENANCE AREA
SHEN : SHENANDOAH NATIONAL PARK

COLLECTED: 9/25/2013
TOTAL LENGTH: 0.19 Miles

NORTHEAST REGION

Section Number	0				
Section Length (mi)	0.19				
Cross Section Information					
Number of Lanes	1				
Paved Width (ft)	13				
Lane Width (ft)	13				
Roadway Condition Information					
SCR (Surface Condition Rating)	98				
PCR (Pavement Condition Rating)	98				
Distress Index Values					
Structural Crack Index	100				
Transverse Cracking Index	100				
Patching Index	100				
Rutting Index	98				
Roughness Condition Index (RCI)	NC				

NOTES:

Structural Crack Index is a combination of the Longitudinal Cracking Index and Alligator Cracking Index.

See Section 10 for explanation of SCR, PCR, & all Distress Index Values.

NC - Not Collected N/A - Not Applicable

ROUTE: 0175 SIMMONS GAP AREA RANGER STATION / MAINTENANCE AREA



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PCR	Poor	Fair	Good	Excellent	No Data
	(0 - 60)	(61 - 84)	(85 - 94)	(95 - 100)	

* If the PCR rating is not available for a section, the SCR rating will be displayed. See appendix for definitions and formulas.

ROUTE: 0200A DUNDO PICNIC GROUND LOOP A
SHEN : SHENANDOAH NATIONAL PARK

COLLECTED: 9/25/2013
TOTAL LENGTH: 0.39 Miles

NORTHEAST REGION

Section Number	0				
Section Length (mi)	0.39				
Cross Section Information					
Number of Lanes	2				
Paved Width (ft)	15				
Lane Width (ft)	10				
Roadway Condition Information					
SCR (Surface Condition Rating)	97				
PCR (Pavement Condition Rating)	97				
Distress Index Values					
Structural Crack Index	100				
Transverse Cracking Index	100				
Patching Index	100				
Rutting Index	97				
Roughness Condition Index (RCI)	NC				

NOTES:
 Structural Crack Index is a combination of the Longitudinal Cracking Index and Alligator Cracking Index.
 See Section 10 for explanation of SCR, PCR, & all Distress Index Values.
 NC - Not Collected N/A - Not Applicable



ROUTE: 0200A DUNDO PICNIC GROUND LOOP A



PCR	Poor	Fair	Good	Excellent	No Data
	(0 - 60)	(61 - 84)	(85 - 94)	(95 - 100)	

* If the PCR rating is not available for a section, the SCR rating will be displayed. See appendix for definitions and formulas.

ROUTE: 0200B DUNDO PICNIC GROUND LOOP B
SHEN : SHENANDOAH NATIONAL PARK

COLLECTED: 9/25/2013
TOTAL LENGTH: 0.08 Miles

NORTHEAST REGION

Section Number	0				
Section Length (mi)	0.08				
Cross Section Information					
Number of Lanes	1				
Paved Width (ft)	12				
Lane Width (ft)	12				
Roadway Condition Information					
SCR (Surface Condition Rating)	93				
PCR (Pavement Condition Rating)	93				
Distress Index Values					
Structural Crack Index	100				
Transverse Cracking Index	100				
Patching Index	100				
Rutting Index	93				
Roughness Condition Index (RCI)	NC				

NOTES:

Structural Crack Index is a combination of the Longitudinal Cracking Index and Alligator Cracking Index.

See Section 10 for explanation of SCR, PCR, & all Distress Index Values.

NC - Not Collected N/A - Not Applicable



ROUTE: 0200B DUNDO PICNIC GROUND LOOP B



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PCR Poor ■ Fair ■ Good ■ Excellent ■ No Data ■
 (0 - 60) (61 - 84) (85 - 94) (95 - 100)

* If the PCR rating is not available for a section, the SCR rating will be displayed. See appendix for definitions and formulas.

ROUTE: 0201ZZ BIG MEADOWS LODGE ACCESS
SHEN : SHENANDOAH NATIONAL PARK

Summary Record

COLLECTED: 9/25/2013

NORTHEAST REGION

TOTAL LENGTH: 0.84 Miles

Section Number					
Section Length (mi)					
Cross Section Information					
Number of Lanes	N/A				
Paved Width (ft)	N/A				
Lane Width (ft)	N/A				
Roadway Condition Information					
SCR (Surface Condition Rating)	99				
PCR (Pavement Condition Rating)	99				
Distress Index Values					
Structural Crack Index	N/A				
Transverse Cracking Index	N/A				
Patching Index	N/A				
Rutting Index	N/A				
Roughness Condition Index (RCI)	N/A				

NOTES:

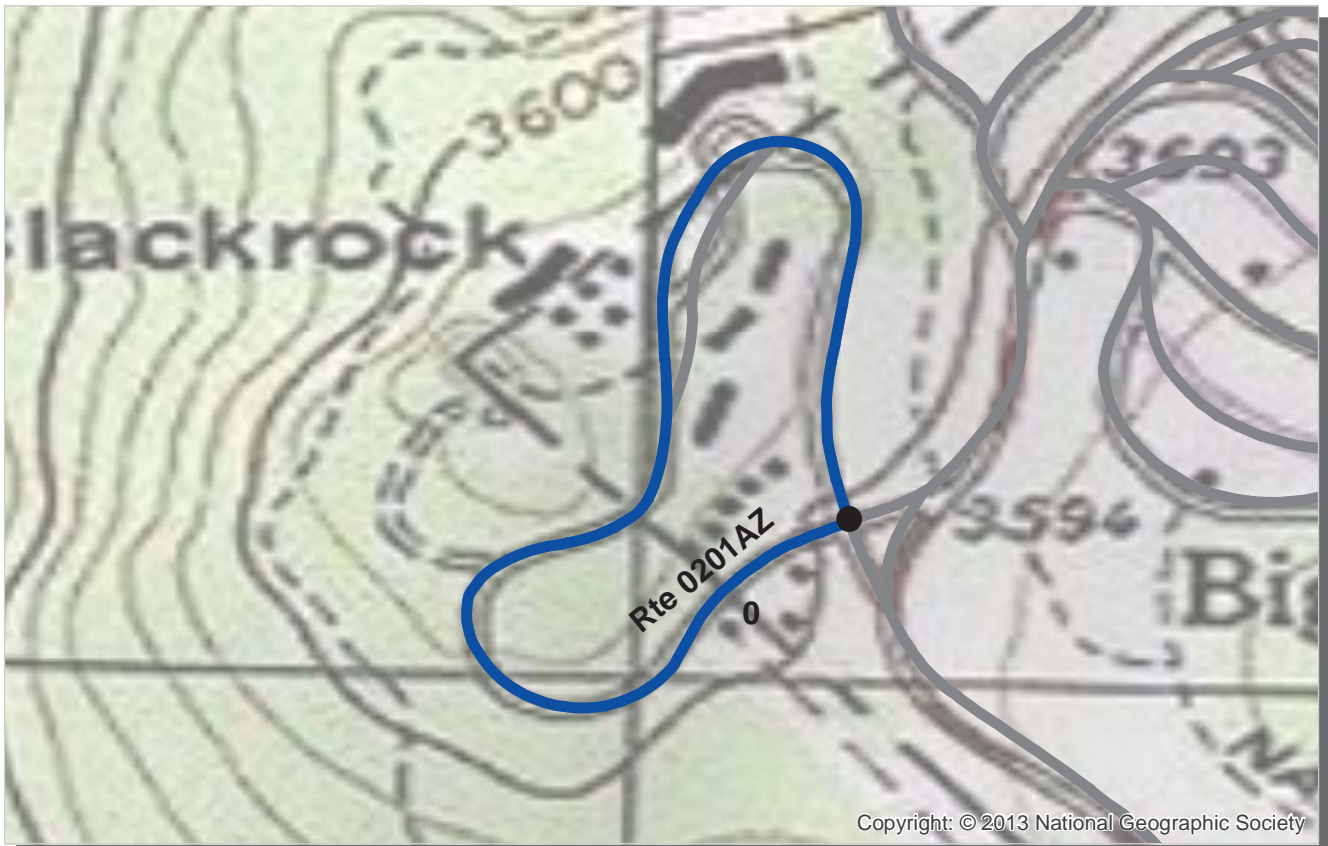
Structural Crack Index is a combination of the Longitudinal Cracking Index and Alligator Cracking Index.

See Section 10 for explanation of SCR, PCR, & all Distress Index Values.

NC - Not Collected N/A - Not Applicable



ROUTE: 0201ZZ BIG MEADOWS LODGE ACCESS



PCR Poor ■ Fair ■ Good ■ Excellent ■ No Data ■
 (0 - 60) (61 - 84) (85 - 94) (95 - 100)

* If the PCR rating is not available for a section, the SCR rating will be displayed. See appendix for definitions and formulas.

ROUTE: 0201AZ BIG MEADOWS LODGE A ACCESS
SHEN : SHENANDOAH NATIONAL PARK

Subcomponent Record

COLLECTED: 9/25/2013

NORTHEAST REGION

TOTAL LENGTH: 0.71 Miles

Section Number	0				
Section Length (mi)	0.71				
Cross Section Information					
Number of Lanes	2				
Paved Width (ft)	21				
Lane Width (ft)	10				
Roadway Condition Information					
SCR (Surface Condition Rating)	99				
PCR (Pavement Condition Rating)	99				
Distress Index Values					
Structural Crack Index	100				
Transverse Cracking Index	100				
Patching Index	100				
Rutting Index	99				
Roughness Condition Index (RCI)	NC				

NOTES:

Structural Crack Index is a combination of the Longitudinal Cracking Index and Alligator Cracking Index.

See Section 10 for explanation of SCR, PCR, & all Distress Index Values.

NC - Not Collected N/A - Not Applicable



ROUTE: 0201AZ BIG MEADOWS LODGE A ACCESS



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PCR Poor ■ Fair ■ Good ■ Excellent ■ No Data ■
 (0 - 60) (61 - 84) (85 - 94) (95 - 100)

* If the PCR rating is not available for a section, the SCR rating will be displayed. See appendix for definitions and formulas.

ROUTE: 0201BZ BIG MEADOWS LODGE B ACCESS
SHEN : SHENANDOAH NATIONAL PARK

Subcomponent Record

COLLECTED: 9/25/2013

NORTHEAST REGION

TOTAL LENGTH: 0.13 Miles

Section Number	0				
Section Length (mi)	0.13				
Cross Section Information					
Number of Lanes	1				
Paved Width (ft)	14				
Lane Width (ft)	13				
Roadway Condition Information					
SCR (Surface Condition Rating)	98				
PCR (Pavement Condition Rating)	98				
Distress Index Values					
Structural Crack Index	100				
Transverse Cracking Index	100				
Patching Index	98				
Rutting Index	100				
Roughness Condition Index (RCI)	NC				

NOTES:

Structural Crack Index is a combination of the Longitudinal Cracking Index and Alligator Cracking Index.

See Section 10 for explanation of SCR, PCR, & all Distress Index Values.

NC - Not Collected N/A - Not Applicable



ROUTE: 0201BZ BIG MEADOWS LODGE B ACCESS

Section 6
Manually Rated Paved Route
Condition Rating Sheets



Shenandoah National Park



Federal Lands Highway
Road Inventory Program

MANUALLY RATED ROUTE CONDITION RATING SHEETS

This park is classified as a Large Park. Therefore, in Cycle 5, no manually rated routes were collected unless the route was modified or previously uncollected by RIP.

Section 7
Parking Area
Condition Rating Sheets



Shenandoah National Park



**Federal Lands Highway
Road Inventory Program**

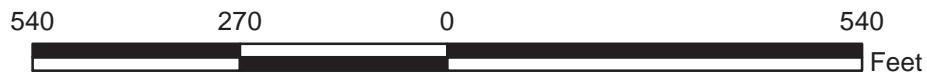
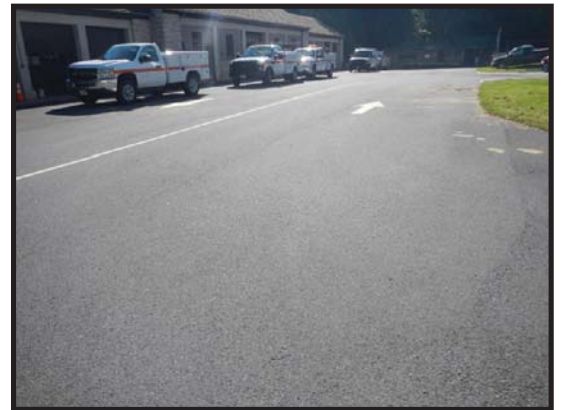
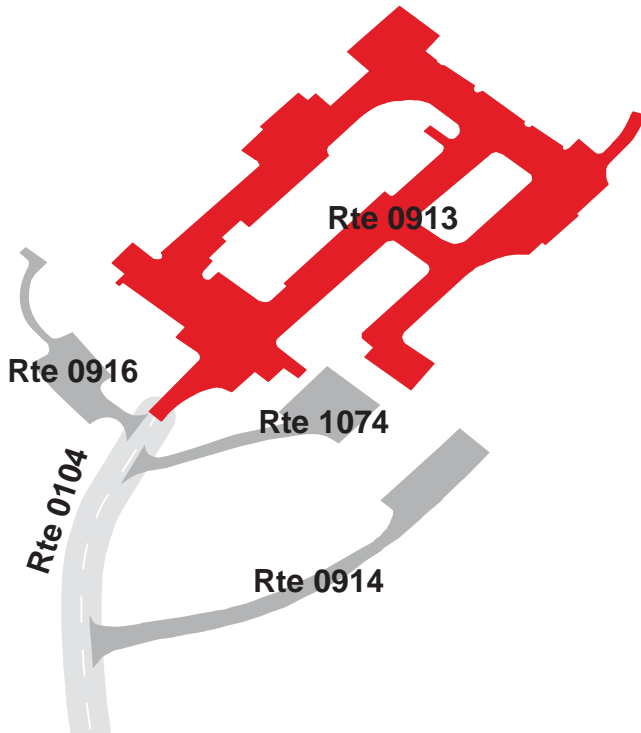
SHENANDOAH NATIONAL PARK

Route 0913

HEADQUARTERS MAINTENANCE AREA
 FROM END OF ROUTE 0104 (HEADQUARTERS ACCESS ROAD)
 TO PARKING

Route Number	Public / NonPublic	Date Visited	Area (sq ft)	Lane Miles *	Surface Type
0913	NONPUBLIC	9/4/2013	80,004	1.38	AS
Culverts	Drop Inlets	Gates	Curb & Gutter	Curb	PCR
1	0	5	NO CURB AND GUTTER	CONCRETE CURB	GOOD/90

* Lane miles are based on 11' lane widths



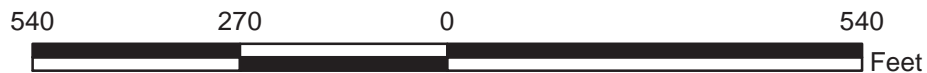
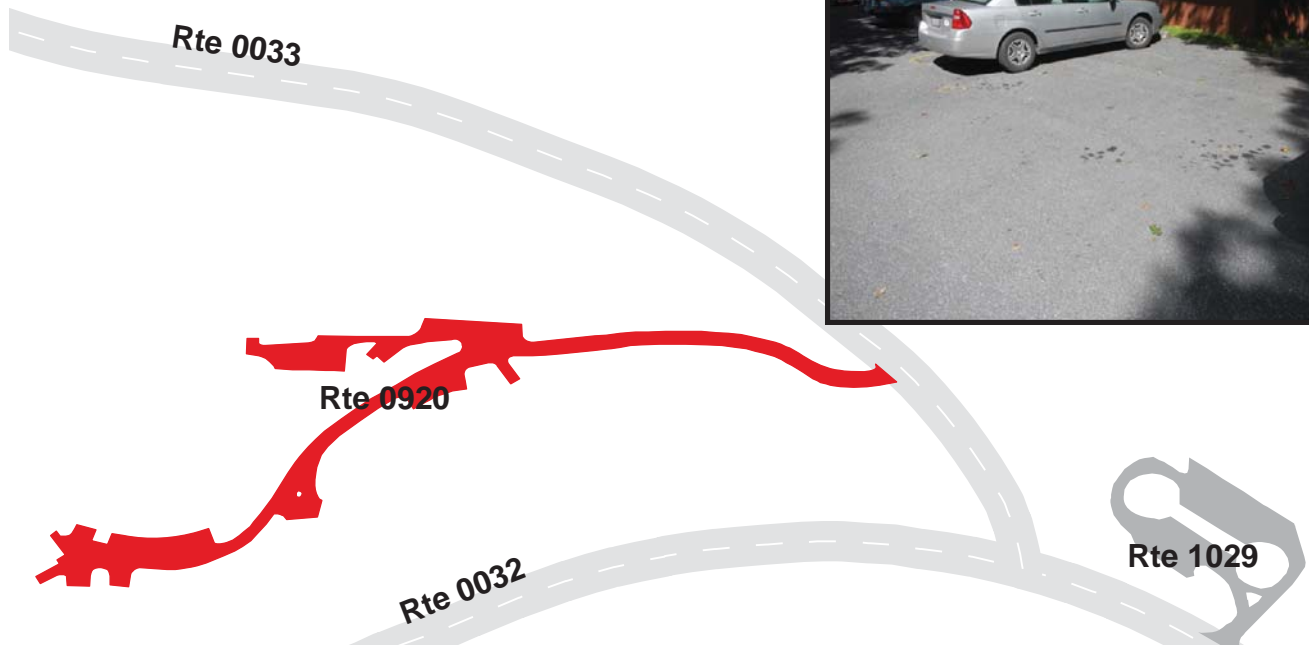
SHENANDOAH NATIONAL PARK

Route 0920

SKYLAND LODGE LOWER PARKING
 FROM ROUTE 0033 (SKYLAND LOWER LOOP) AT MP 0.05 ON LEFT
 TO PARKING

Route Number	Public / NonPublic	Date Visited	Area (sq ft)	Lane Miles *	Surface Type
0920	PUBLIC	9/4/2013	32,978	0.57	AS
Culverts	Drop Inlets	Gates	Curb & Gutter	Curb	PCR
3	0	0	NO CURB AND GUTTER	NO CURB	GOOD/90

* Lane miles are based on 11' lane widths



SHENANDOAH NATIONAL PARK

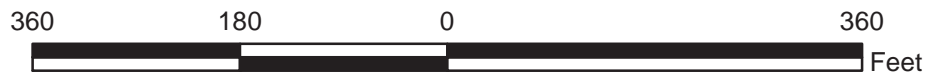
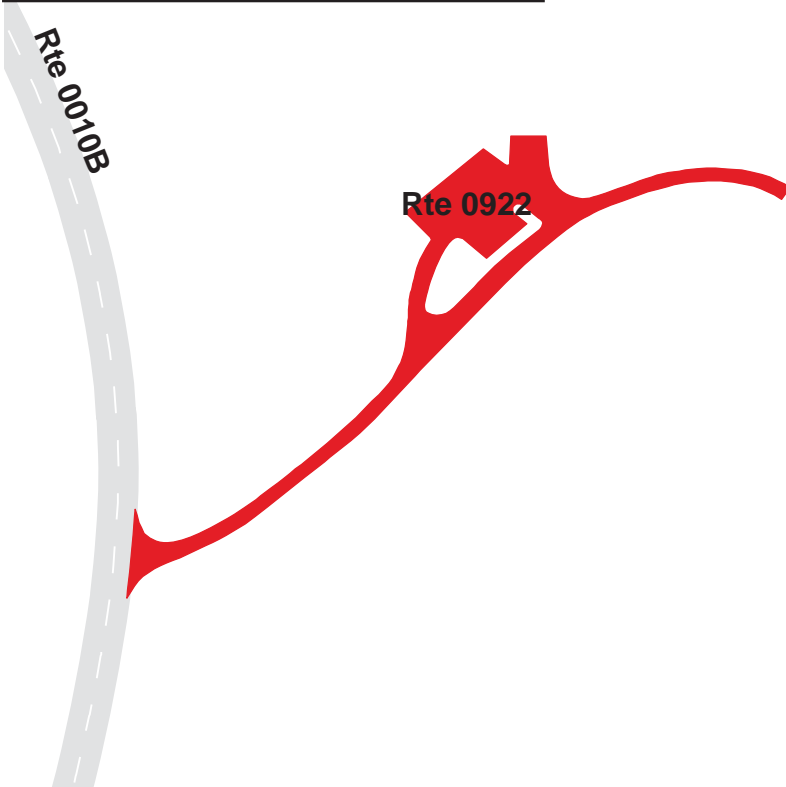
Route 0922

LIMBERLOST TRAIL PARKING

FROM ROUTE 0010B (SKYLINE DRIVE (CENTRAL)) AT MP 43.28 ON LEFT
TO PARKING

Route Number	Public / NonPublic	Date Visited	Area (sq ft)	Lane Miles *	Surface Type
0922	PUBLIC	9/4/2013	15,167	0.26	AS
Culverts	Drop Inlets	Gates	Curb & Gutter	Curb	PCR
3	0	1	NO CURB AND GUTTER	NO CURB	GOOD/90

* Lane miles are based on 11' lane widths



SHENANDOAH NATIONAL PARK

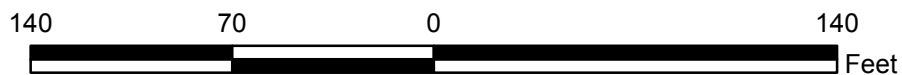
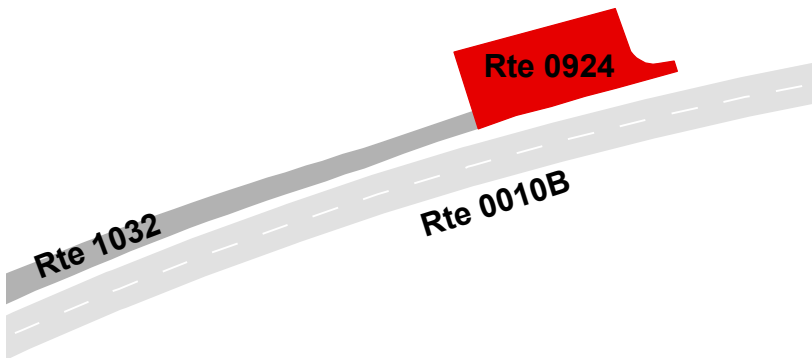
Route 0924

ROCK SPRING CABIN PARKING

ADJACENT TO ROUTE 0010B (SKYLINE DRIVE (CENTRAL)) AT MP 48.37 ON RIGHT

Route Number	Public / NonPublic	Date Visited	Area (sq ft)	Lane Miles *	Surface Type
0924	PUBLIC	9/4/2013	1,284	0.02	AS
Culverts	Drop Inlets	Gates	Curb & Gutter	Curb	PCR
0	0	0	NO CURB AND GUTTER	NO CURB	GOOD/90

* Lane miles are based on 11' lane widths



SHENANDOAH NATIONAL PARK

Route 0926BZZ

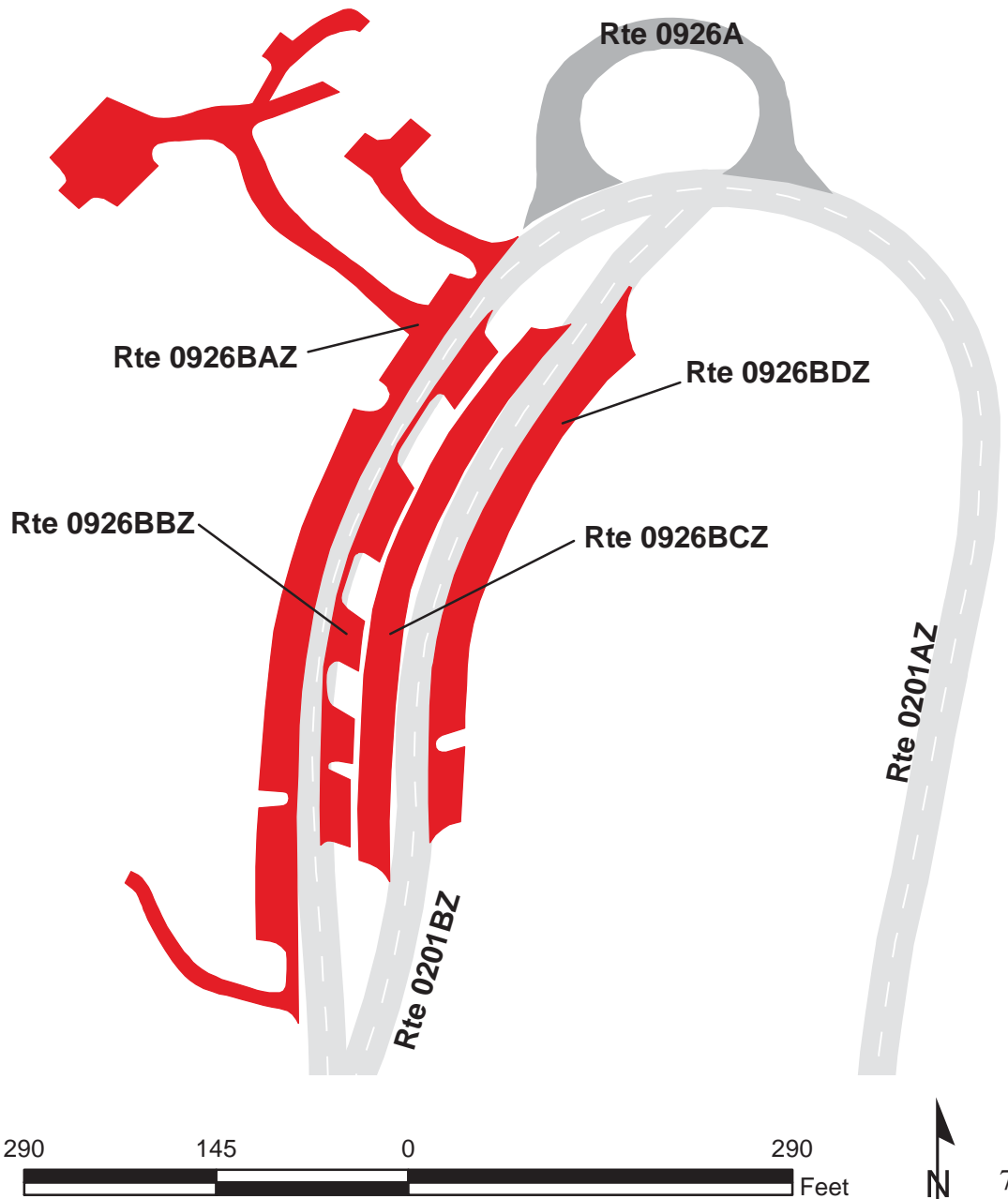
BIG MEADOWS LODGE PARKING AREAS B

ADJACENT TO ROUTE 0201ZZ (BIG MEADOWS LODGE ACCESS) AT MP 0.28 ON RIGHT AND LEFT

Summary Record

Route Number	Public / NonPublic	Date Visited	Area (sq ft)	Lane Miles *	Surface Type
0926BZZ	PUBLIC	9/4/2013	45,394	0.78	AS
Culverts	Drop Inlets	Gates	Curb & Gutter	Curb	PCR
1	0	0	NO CURB AND GUTTER	ASPHALT & CONCRETE	SUMMARY/81

* Lane miles are based on 11' lane widths



SHENANDOAH NATIONAL PARK

Route 0926BAZ

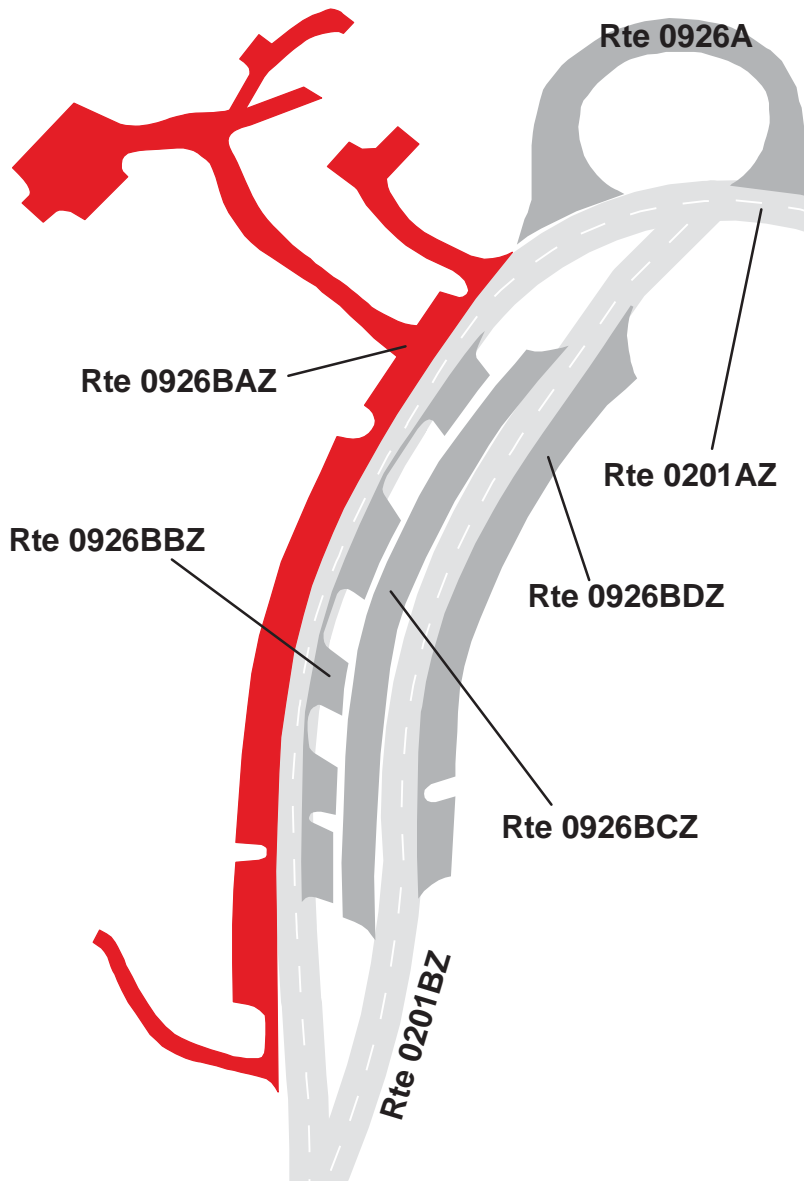
BIG MEADOWS LODGE PARKING AREA BA

ADJACENT TO ROUTE 0201AZ (BIG MEADOWS LODGE A ACCESS) AT MP 0.28 ON RIGHT

Subcomponent Record

Route Number	Public / NonPublic	Date Visited	Area (sq ft)	Lane Miles *	Surface Type
0926BAZ	PUBLIC	9/4/2013	24,067	0.41	AS
Culverts	Drop Inlets	Gates	Curb & Gutter	Curb	PCR
1	0	0	NO CURB AND GUTTER	ASPHALT & CONCRETE	FAIR/73

* Lane miles are based on 11' lane widths



SHENANDOAH NATIONAL PARK

Route 0926BBZ

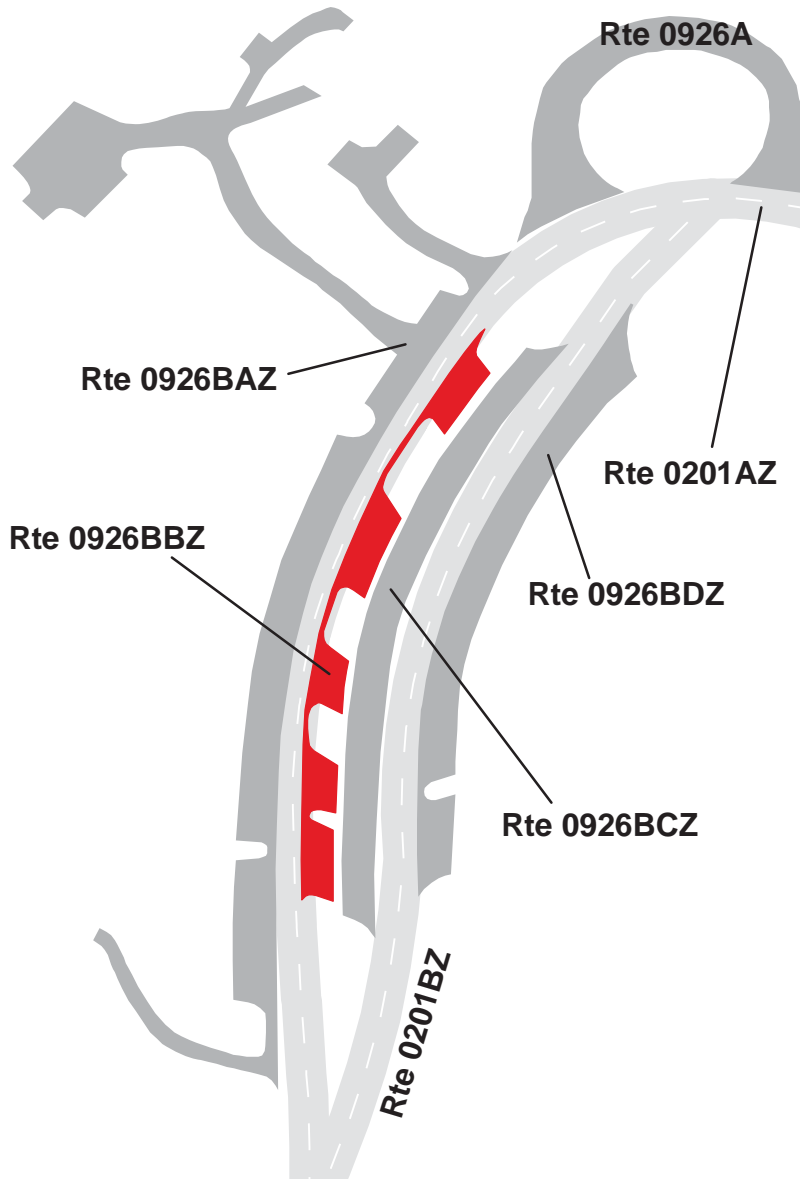
BIG MEADOWS LODGE PARKING AREA BB

ADJACENT TO ROUTE 0201AZ (BIG MEADOWS LODGE A ACCESS) AT MP 0.28 ON LEFT

Subcomponent Record

Route Number	Public / NonPublic	Date Visited	Area (sq ft)	Lane Miles *	Surface Type
0926BBZ	PUBLIC	9/4/2013	5,167	0.09	AS
Culverts	Drop Inlets	Gates	Curb & Gutter	Curb	PCR
0	0	0	NO CURB AND GUTTER	NO CURB	GOOD/90

* Lane miles are based on 11' lane widths



SHENANDOAH NATIONAL PARK

Route 0926BCZ

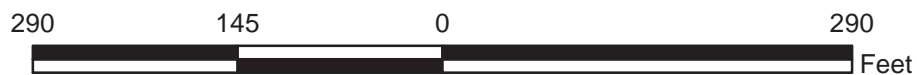
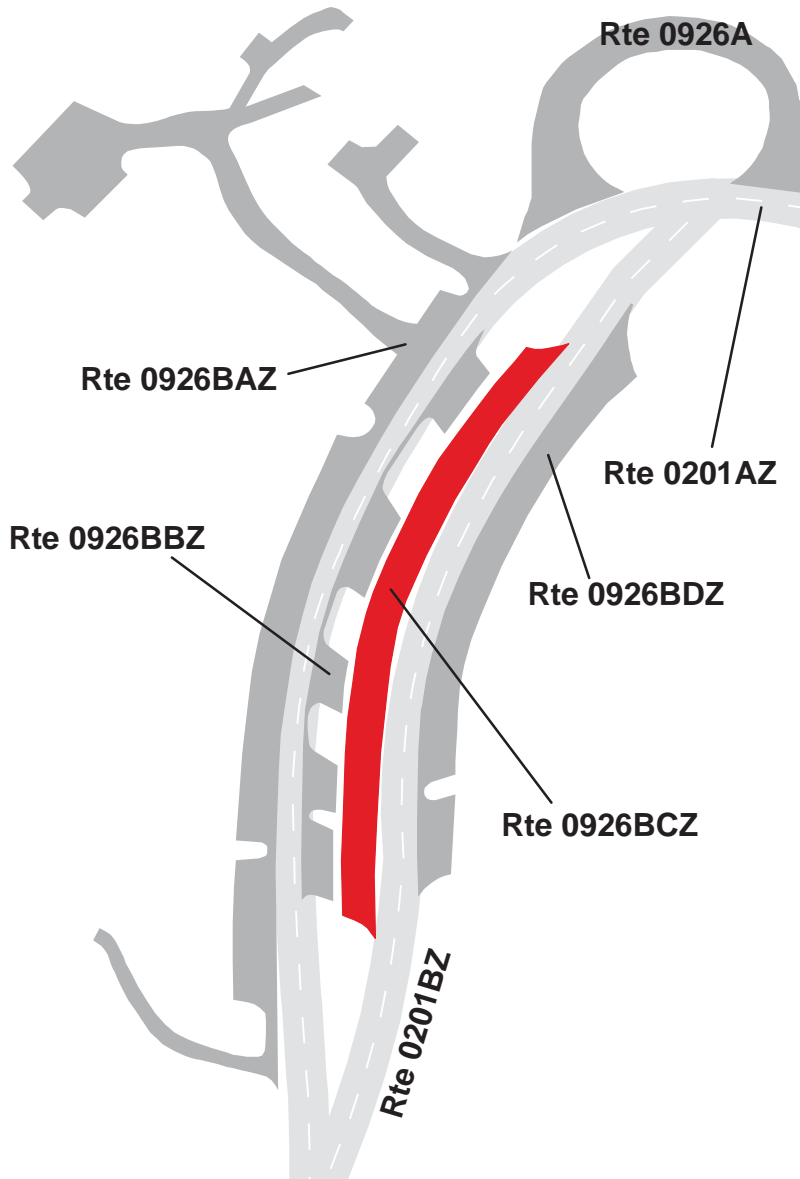
BIG MEADOWS LODGE PARKING AREA BC

ADJACENT TO ROUTE 0201BZ (BIG MEADOWS LODGE B ACCESS) AT MP 0.28 ON RIGHT (OPPOSITE LANE)

Subcomponent Record

Route Number	Public / NonPublic	Date Visited	Area (sq ft)	Lane Miles *	Surface Type
0926BCZ	PUBLIC	9/4/2013	8,102	0.14	AS
Culverts	Drop Inlets	Gates	Curb & Gutter	Curb	PCR
0	0	0	NO CURB AND GUTTER	NO CURB	GOOD/90

* Lane miles are based on 11' lane widths



SHENANDOAH NATIONAL PARK

Route 0926BDZ

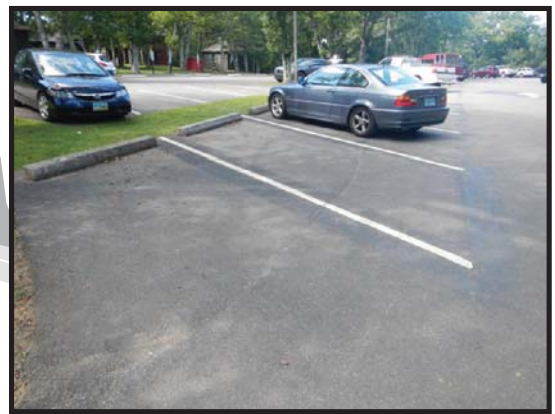
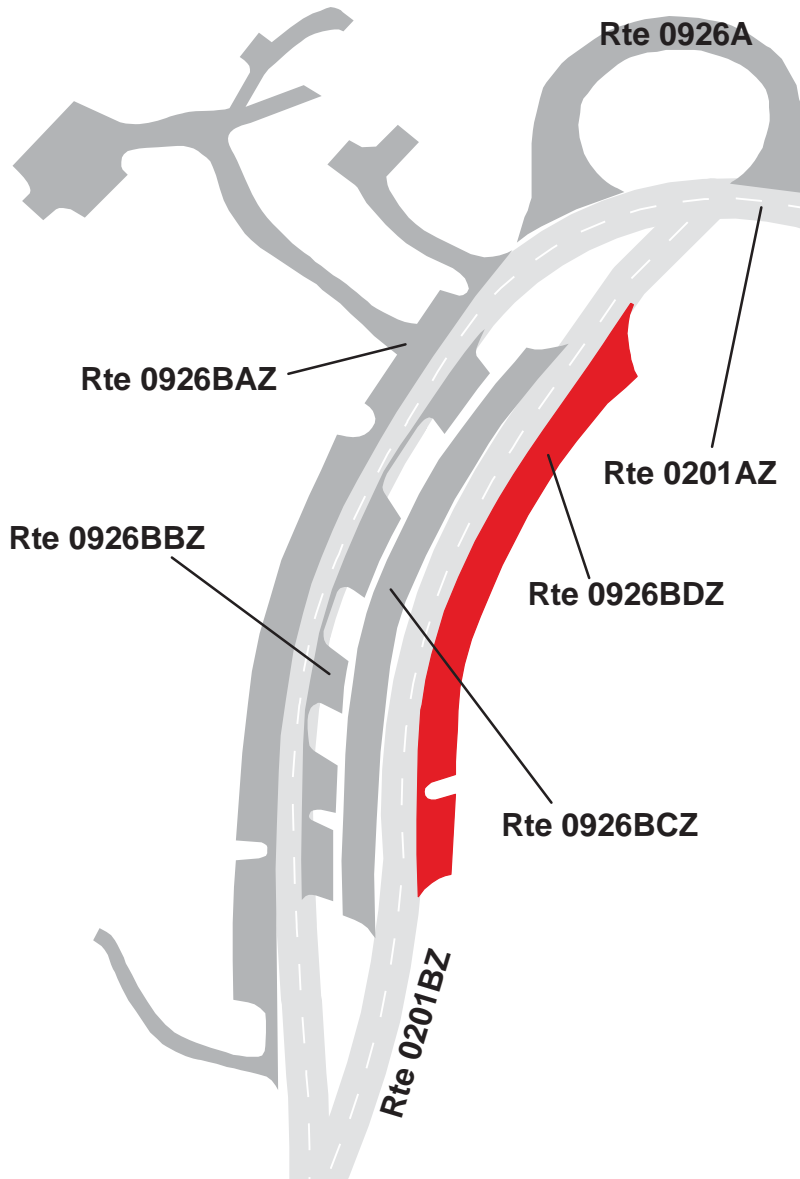
BIG MEADOWS LODGE PARKING AREA BD

ADJACENT TO ROUTE 0201BZ (BIG MEADOWS LODGE B ACCESS) AT MP 0.28 ON LEFT (OPPOSITE LANE)

Subcomponent Record

Route Number	Public / NonPublic	Date Visited	Area (sq ft)	Lane Miles *	Surface Type
0926BDZ	PUBLIC	9/4/2013	8,058	0.14	AS
Culverts	Drop Inlets	Gates	Curb & Gutter	Curb	PCR
0	0	0	NO CURB AND GUTTER	NO CURB	GOOD/90

* Lane miles are based on 11' lane widths



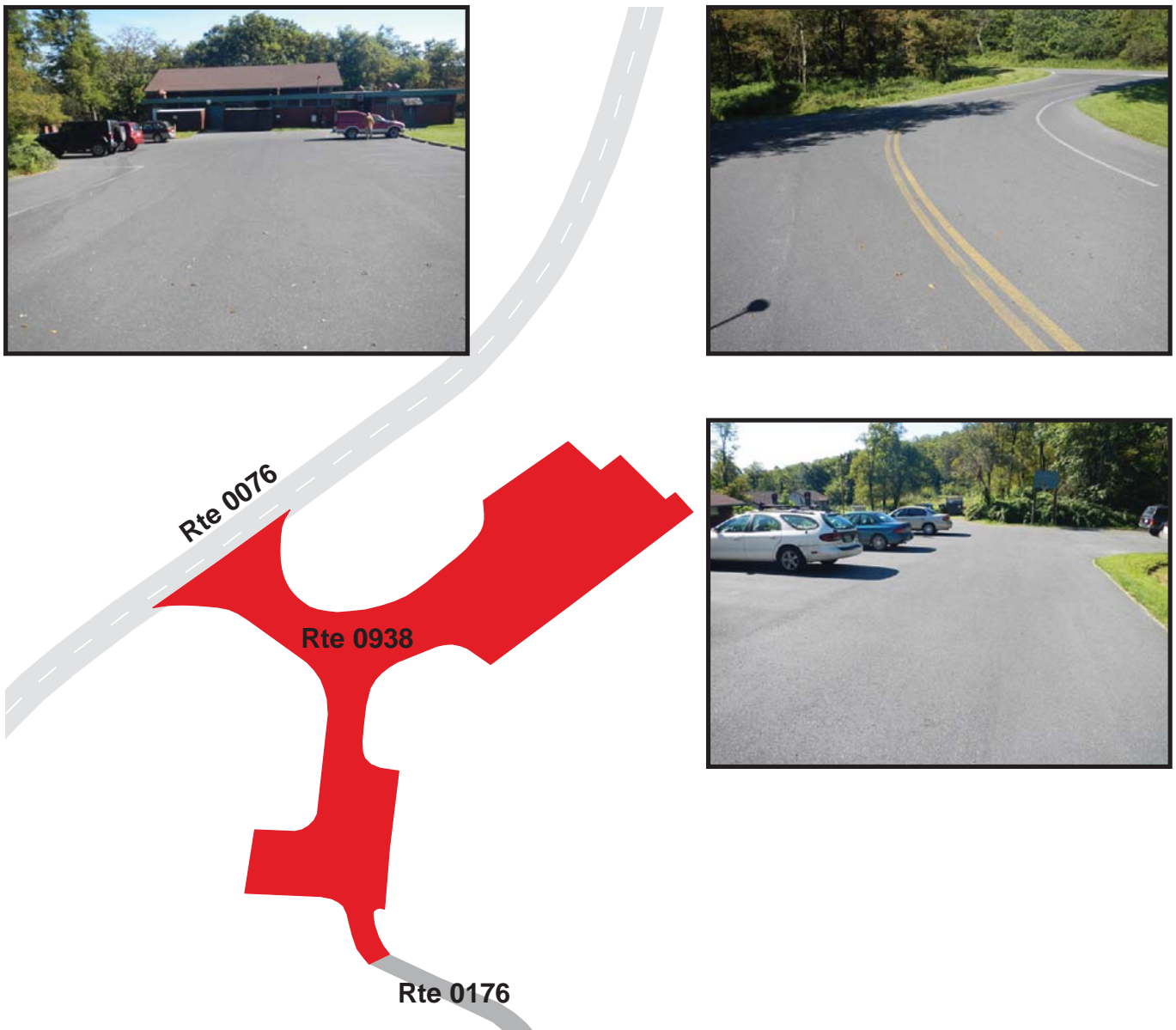
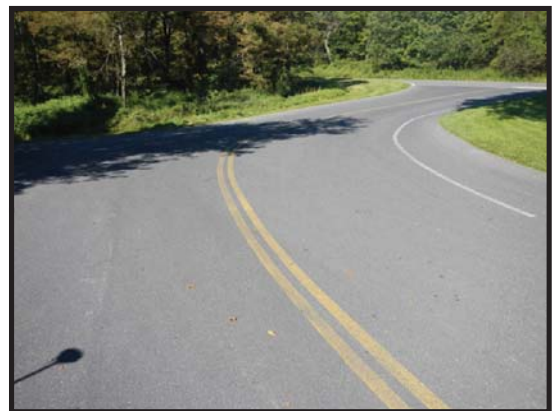
SHENANDOAH NATIONAL PARK

Route 0938

LOFT MOUNTAIN CAMP STORE AND RESIDENCE PARKING
 FROM ROUTE 0076 (LOFT MOUNTAIN CAMPGROUND ACCESS) AT MP 1.03 ON LEFT
 TO ROUTE 0176 (LOFT MOUNTAIN RESIDENCE ROAD)

Route Number	Public / NonPublic	Date Visited	Area (sq ft)	Lane Miles *	Surface Type
0938	PUBLIC	9/5/2013	15,812	0.27	AS
Culverts	Drop Inlets	Gates	Curb & Gutter	Curb	PCR
1	0	0	NO CURB AND GUTTER	ASPHALT CURB	GOOD/90

* Lane miles are based on 11' lane widths



SHENANDOAH NATIONAL PARK

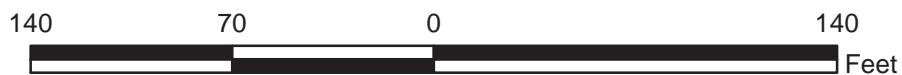
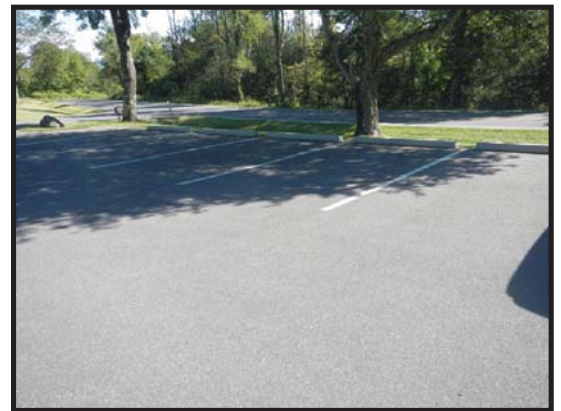
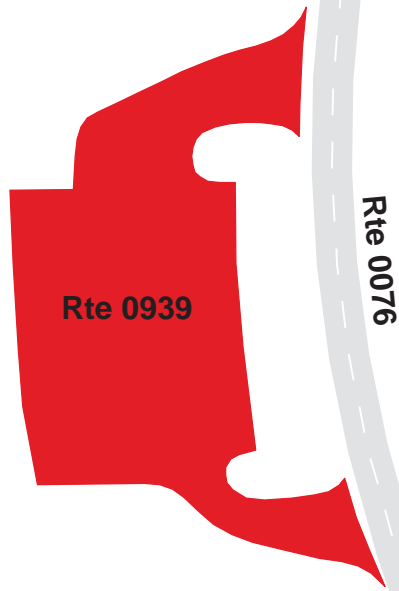
Route 0939

LOFT MOUNTAIN AMPHITHEATER PARKING

FROM ROUTE 0076 (LOFT MOUNTAIN CAMPGROUND ACCESS) AT MP 1.12 ON RIGHT
TO ROUTE 0076 (LOFT MOUNTAIN CAMPGROUND ACCESS) AT MP 1.15

Route Number	Public / NonPublic	Date Visited	Area (sq ft)	Lane Miles *	Surface Type
0939	PUBLIC	9/5/2013	8,972	0.15	AS
Culverts	Drop Inlets	Gates	Curb & Gutter	Curb	PCR
2	0	0	NO CURB AND GUTTER	NO CURB	GOOD/90

* Lane miles are based on 11' lane widths



SHENANDOAH NATIONAL PARK

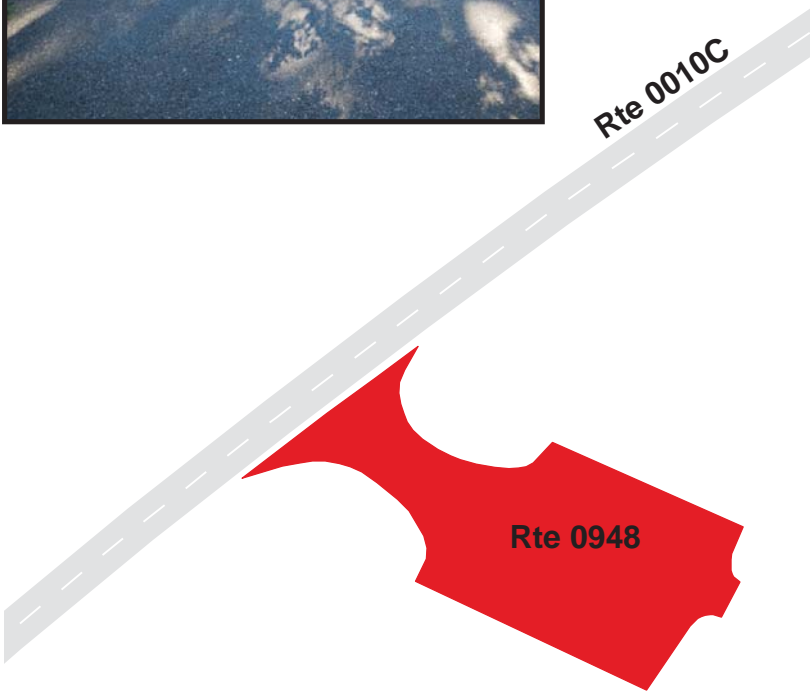
Route 0948

TURK GAP PARKING AREA

FROM ROUTE 0010C (SKYLINE DRIVE (SOUTH)) AT MP 94.44 ON LEFT
TO PARKING

Route Number	Public / NonPublic	Date Visited	Area (sq ft)	Lane Miles *	Surface Type
0948	PUBLIC	9/5/2013	5,855	0.10	AS
Culverts	Drop Inlets	Gates	Curb & Gutter	Curb	PCR
0	0	0	NO CURB AND GUTTER	NO CURB	FAIR/73

* Lane miles are based on 11' lane widths



SHENANDOAH NATIONAL PARK

Route 0949

JARMAN GAP PARKING AREA

FROM ROUTE 0010C (SKYLINE DRIVE (SOUTH)) AT MP 97.10 ON LEFT
TO PARKING

Route Number	Public / NonPublic	Date Visited	Area (sq ft)	Lane Miles *	Surface Type
0949	PUBLIC	9/5/2013	5,675	0.10	AS
Culverts	Drop Inlets	Gates	Curb & Gutter	Curb	PCR
0	0	0	NO CURB AND GUTTER	NO CURB	GOOD/90

* Lane miles are based on 11' lane widths



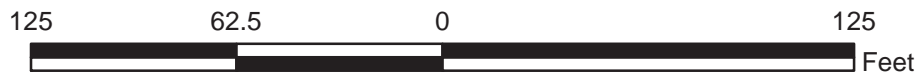
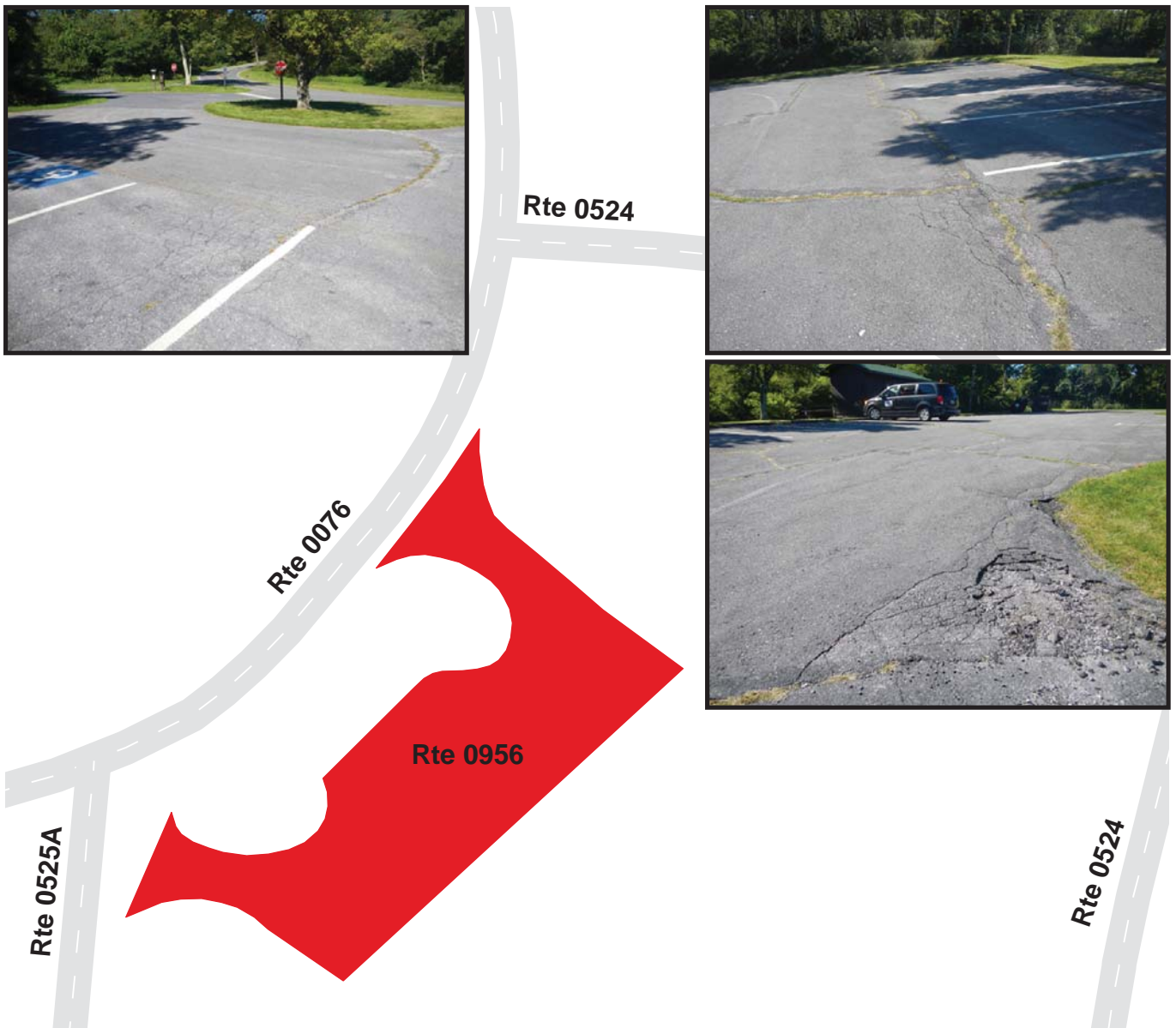
SHENANDOAH NATIONAL PARK

Route 0956

LOFT MOUNTAIN CAMPGROUND RECYCLING PARKING
 FROM ROUTE 0076 (LOFT MOUNTAIN CAMPGROUND ACCESS) AT MP 1.25 ON LEFT
 TO ROUTE 0525A (LOFT MOUNTAIN CAMPGROUND SECTION A) AT MP 0.70

Route Number	Public / NonPublic	Date Visited	Area (sq ft)	Lane Miles *	Surface Type
0956	PUBLIC	9/5/2013	8,533	0.15	AS
Culverts	Drop Inlets	Gates	Curb & Gutter	Curb	PCR
1	1	0	NO CURB AND GUTTER	NO CURB	POOR/45

* Lane miles are based on 11' lane widths



SHENANDOAH NATIONAL PARK

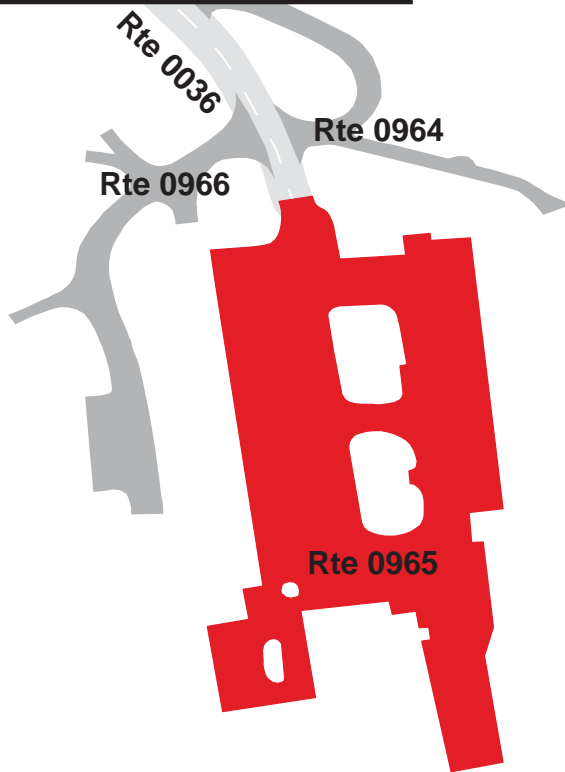
Route 0965

BIG MEADOWS MAINTENANCE AREA

FROM END OF ROUTE 0036 (BIG MEADOWS MAINTENANCE ACCESS AND TRAILER DUMP)
TO PARKING

Route Number	Public / NonPublic	Date Visited	Area (sq ft)	Lane Miles *	Surface Type
0965	NONPUBLIC	9/4/2013	46,100	0.79	AS
Culverts	Drop Inlets	Gates	Curb & Gutter	Curb	PCR
0	0	0	NO CURB AND GUTTER	NO CURB	GOOD/90

* Lane miles are based on 11' lane widths



SHENANDOAH NATIONAL PARK

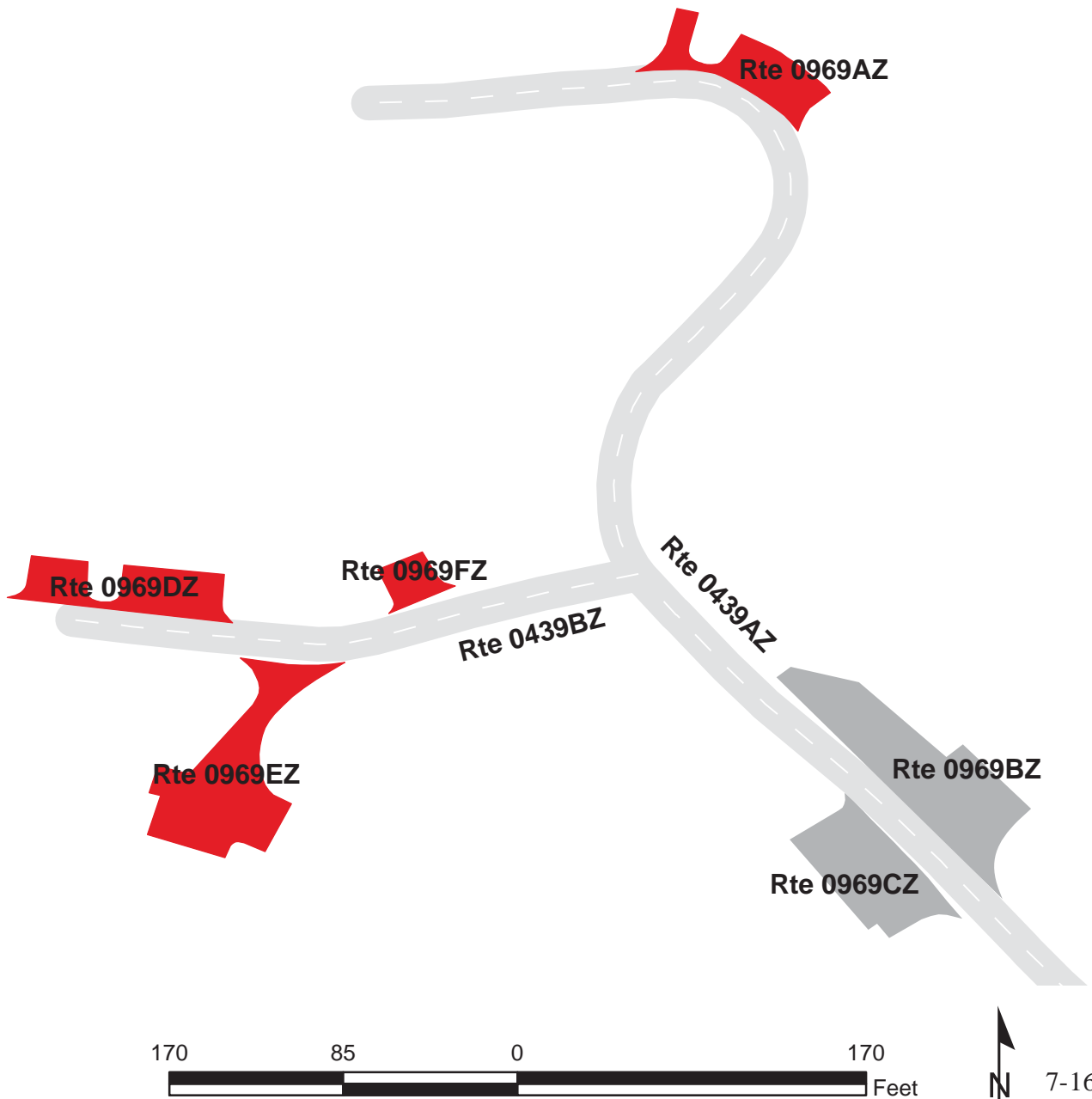
Route 0969ZZ

SKYLAND STABLES AND WWTP PARKING AREAS
ADJACENT TO ROUTE 0439ZZ (SKYLAND STABLES AND WWTP ROADS)

Summary Record

Route Number	Public / NonPublic	Date Visited	Area (sq ft)	Lane Miles *	Surface Type
0969ZZ	PUBLIC	9/4/2013	11,112	0.19	AS
Culverts	Drop Inlets	Gates	Curb & Gutter	Curb	PCR
0	0	0	NO CURB AND GUTTER	CONCRETE CURB	SUMMARY/90

* Lane miles are based on 11' lane widths



SHENANDOAH NATIONAL PARK

Route 0969AZ

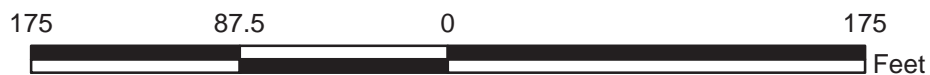
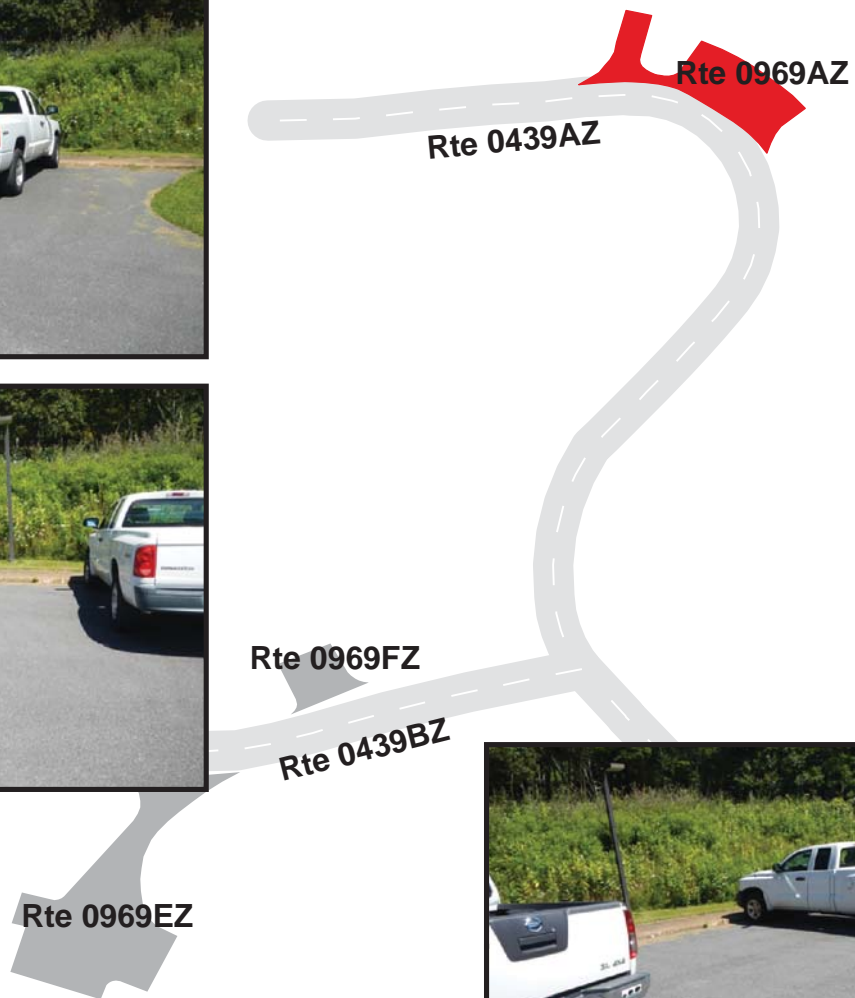
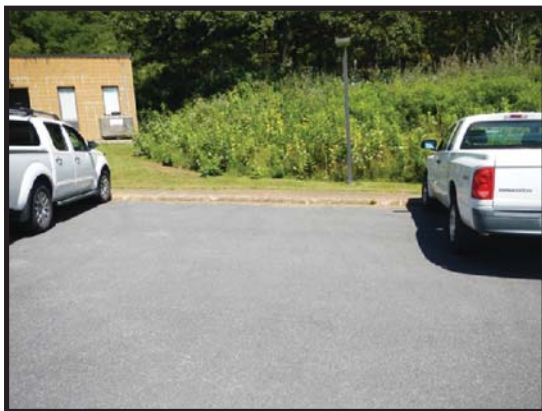
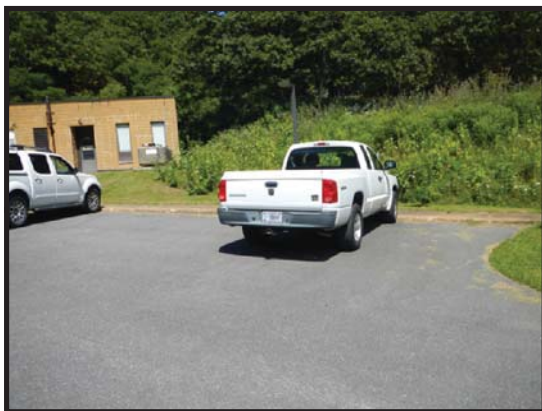
WASTE WATER TREATMENT PLANT PARKING

ADJACENT TO ROUTE 0439AZ (SKYLAND STABLES AND WWTP A) AT MP 0.16 ON RIGHT

Subcomponent Record

Route Number	Public / NonPublic	Date Visited	Area (sq ft)	Lane Miles *	Surface Type
0969AZ	PUBLIC	9/4/2013	1,267	0.02	AS
Culverts	Drop Inlets	Gates	Curb & Gutter	Curb	PCR
0	0	0	NO CURB AND GUTTER	CONCRETE CURB	GOOD/90

* Lane miles are based on 11' lane widths



SHENANDOAH NATIONAL PARK

Route 0969DZ

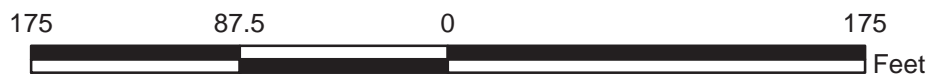
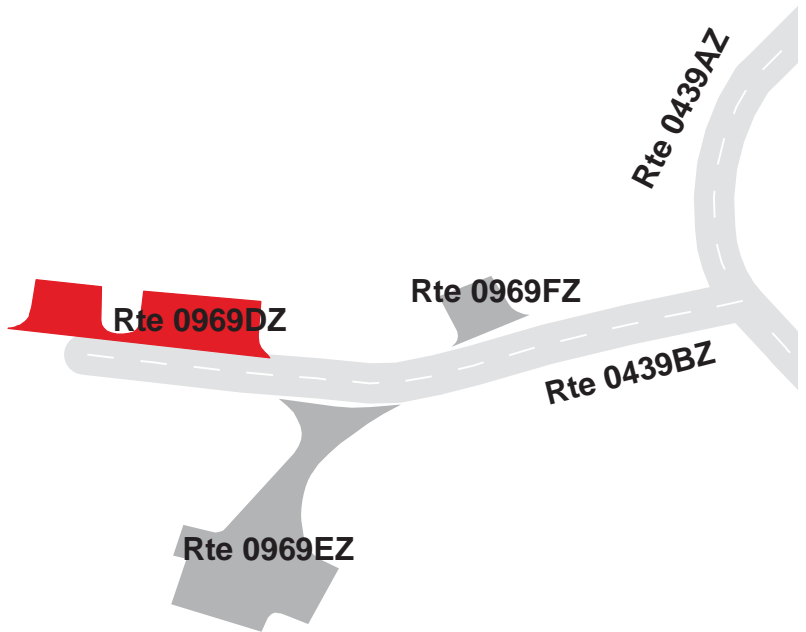
SKYLAND RESIDENCE PARKING A

ADJACENT TO ROUTE 0439BZ (SKYLAND STABLES AND WWTP B) ON RIGHT

Subcomponent Record

Route Number	Public / NonPublic	Date Visited	Area (sq ft)	Lane Miles *	Surface Type
0969DZ	PUBLIC	9/4/2013	1,441	0.03	AS
Culverts	Drop Inlets	Gates	Curb & Gutter	Curb	PCR
0	0	0	NO CURB AND GUTTER	NO CURB	GOOD/90

* Lane miles are based on 11' lane widths



SHENANDOAH NATIONAL PARK

Route 0969EZ

SKYLAND RESIDENCE PARKING B

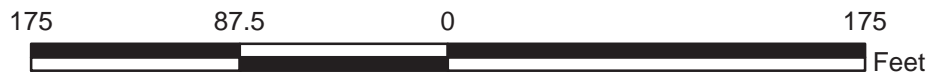
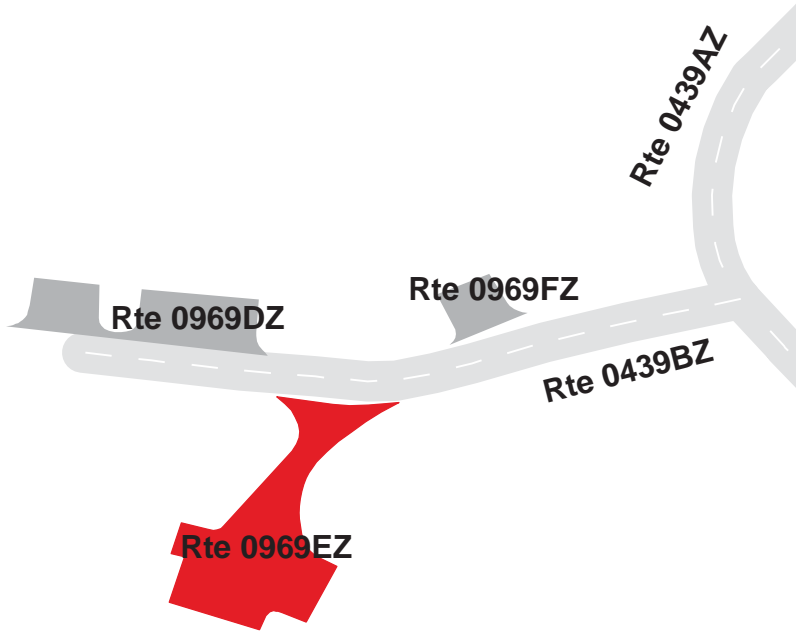
FROM ROUTE 0439BZ (SKYLAND STABLES AND WWTP B) ON LEFT

TO PARKING

Subcomponent Record

Route Number	Public / NonPublic	Date Visited	Area (sq ft)	Lane Miles *	Surface Type
0969EZ	PUBLIC	9/4/2013	2,680	0.05	AS
Culverts	Drop Inlets	Gates	Curb & Gutter	Curb	PCR
0	0	0	NO CURB AND GUTTER	NO CURB	GOOD/90

* Lane miles are based on 11' lane widths



SHENANDOAH NATIONAL PARK

Route 0969FZ

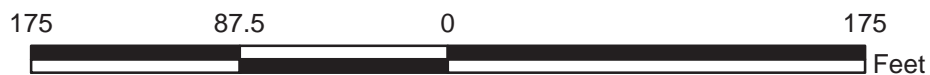
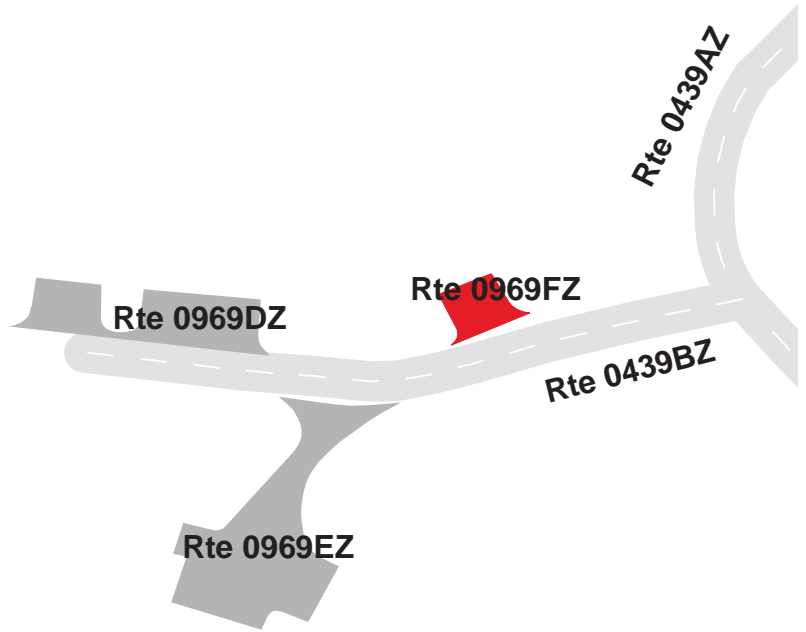
SKYLAND RESIDENCE PARKING C

ADJACENT TO ROUTE 0439BZ (SKYLAND STABLES AND WWTP B) ON RIGHT

Subcomponent Record

Route Number	Public / NonPublic	Date Visited	Area (sq ft)	Lane Miles *	Surface Type
0969FZ	PUBLIC	9/4/2013	427	0.01	AS
Culverts	Drop Inlets	Gates	Curb & Gutter	Curb	PCR
0	0	0	NO CURB AND GUTTER	NO CURB	GOOD/90

* Lane miles are based on 11' lane widths



SHENANDOAH NATIONAL PARK

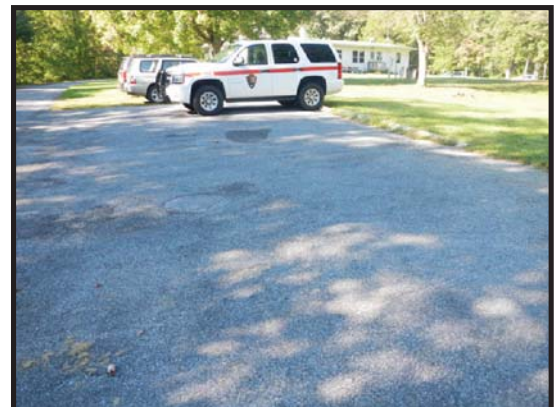
Route 0976

FIRE MANAGEMENT OFFICE PARKING

ADJACENT TO ROUTE 0105 (HEADQUARTERS RESIDENCE ROAD) AT MP 0.29 ON LEFT

Route Number	Public / NonPublic	Date Visited	Area (sq ft)	Lane Miles *	Surface Type
0976	PUBLIC	9/4/2013	1,688	0.03	AS
Culverts	Drop Inlets	Gates	Curb & Gutter	Curb	PCR
0	0	0	NO CURB AND GUTTER	NO CURB	POOR/45

* Lane miles are based on 11' lane widths



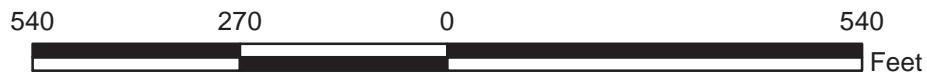
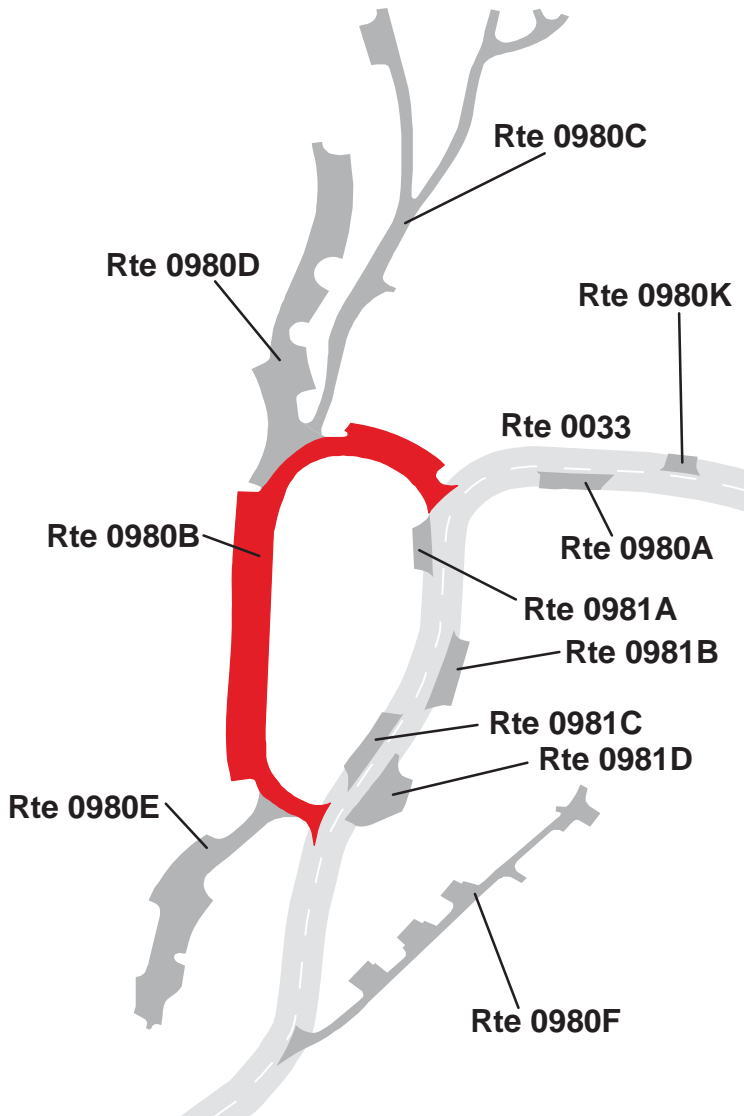
SHENANDOAH NATIONAL PARK

Route 0980B

SKYLAND LOWER LOOP CABIN PARKING LOOP
 FROM ROUTE 0033 (SKYLAND LOWER LOOP) AT MP 0.32 ON RIGHT
 TO ROUTE 0033 (SKYLAND LOWER LOOP) AT MP 0.40

Route Number	Public / NonPublic	Date Visited	Area (sq ft)	Lane Miles *	Surface Type
0980B	PUBLIC	9/4/2013	23,600	0.41	AS
Culverts	Drop Inlets	Gates	Curb & Gutter	Curb	PCR
0	6	0	NO CURB AND GUTTER	ASPHALT & CONCRETE	EXCELLENT/97

* Lane miles are based on 11' lane widths



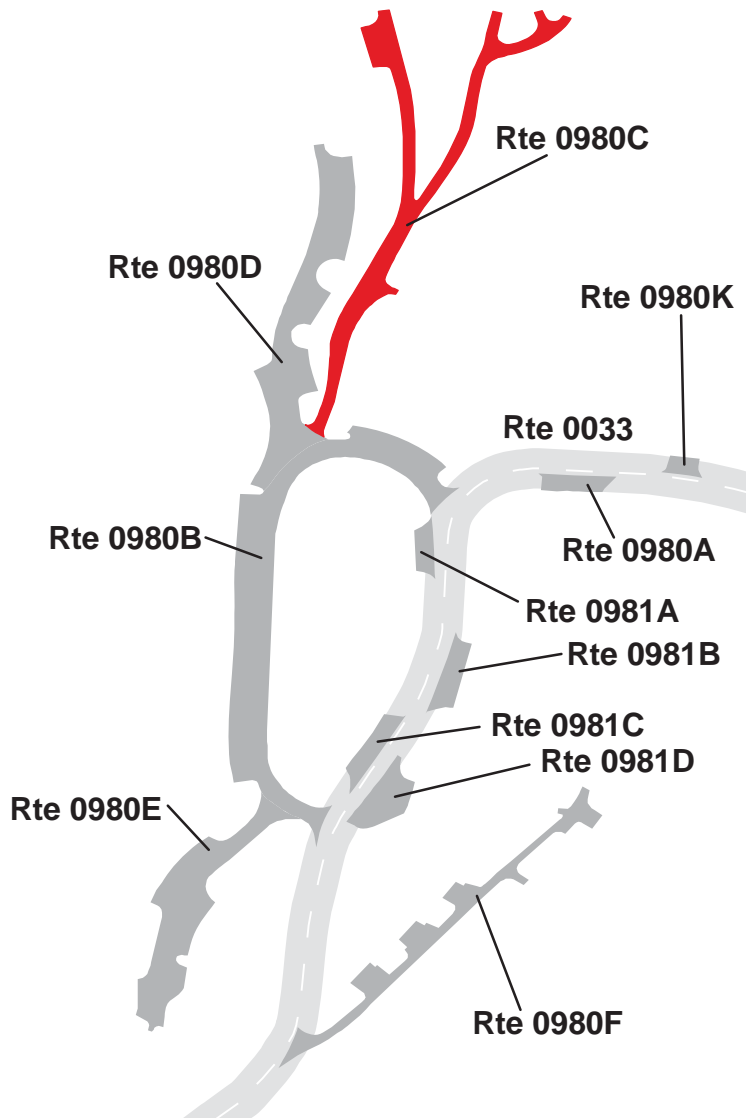
SHENANDOAH NATIONAL PARK

Route 0980C

SKYLAND LOWER LOOP AMPHITHEATER
FROM ROUTE 0980B (SKYLAND LOWER LOOP CABIN PARKING LOOP)
TO PARKING

Route Number	Public / NonPublic	Date Visited	Area (sq ft)	Lane Miles *	Surface Type
0980C	PUBLIC	9/4/2013	14,270	0.25	AS
Culverts	Drop Inlets	Gates	Curb & Gutter	Curb	PCR
1	1	0	NO CURB AND GUTTER	ASPHALT CURB	EXCELLENT/97

* Lane miles are based on 11' lane widths



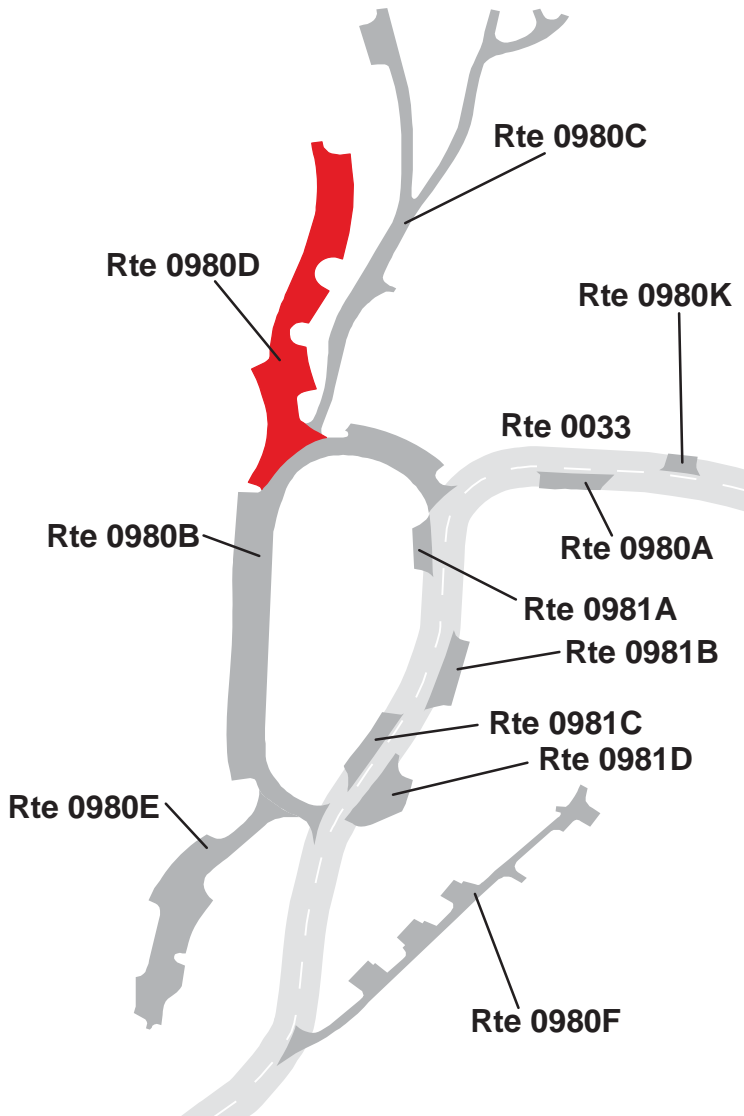
SHENANDOAH NATIONAL PARK

Route 0980D

SKYLAND LOWER LOOP CABIN PARKING D
FROM ROUTE 0980B (SKYLAND LOWER LOOP CABIN PARKING LOOP)
TO PARKING

Route Number	Public / NonPublic	Date Visited	Area (sq ft)	Lane Miles *	Surface Type
0980D	PUBLIC	9/4/2013	15,447	0.27	AS
Culverts	Drop Inlets	Gates	Curb & Gutter	Curb	PCR
1	3	0	NO CURB AND GUTTER	ASPHALT & CONCRETE	EXCELLENT/97

* Lane miles are based on 11' lane widths



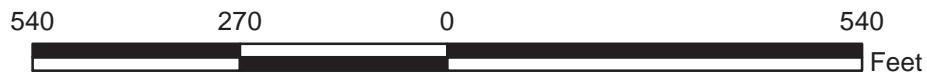
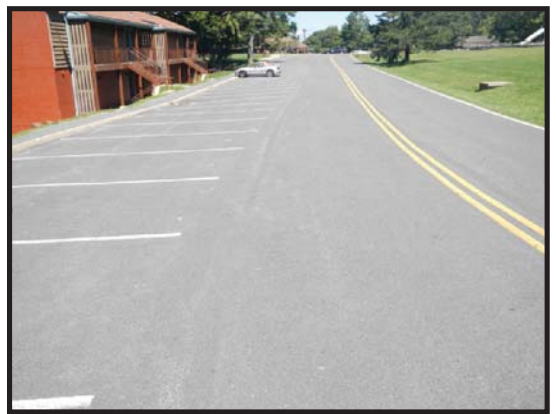
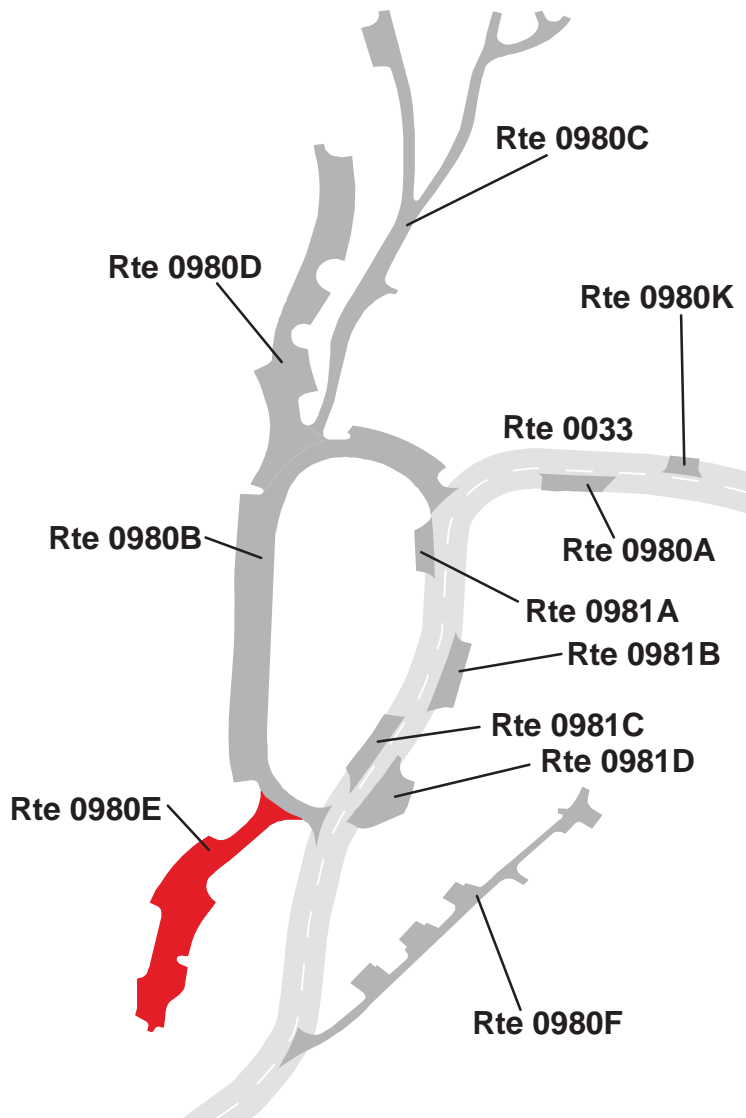
SHENANDOAH NATIONAL PARK

Route 0980E

SKYLAND LOWER LOOP CABIN PARKING E
 FROM ROUTE 0980B (SKYLAND LOWER LOOP CABIN PARKING LOOP)
 TO PARKING

Route Number	Public / NonPublic	Date Visited	Area (sq ft)	Lane Miles *	Surface Type
0980E	PUBLIC	9/4/2013	11,481	0.20	AS
Culverts	Drop Inlets	Gates	Curb & Gutter	Curb	PCR
1	2	0	NO CURB AND GUTTER	ASPHALT CURB	EXCELLENT/97

* Lane miles are based on 11' lane widths



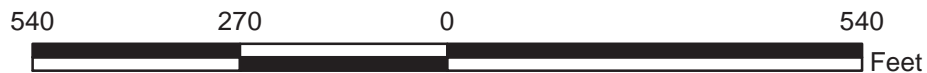
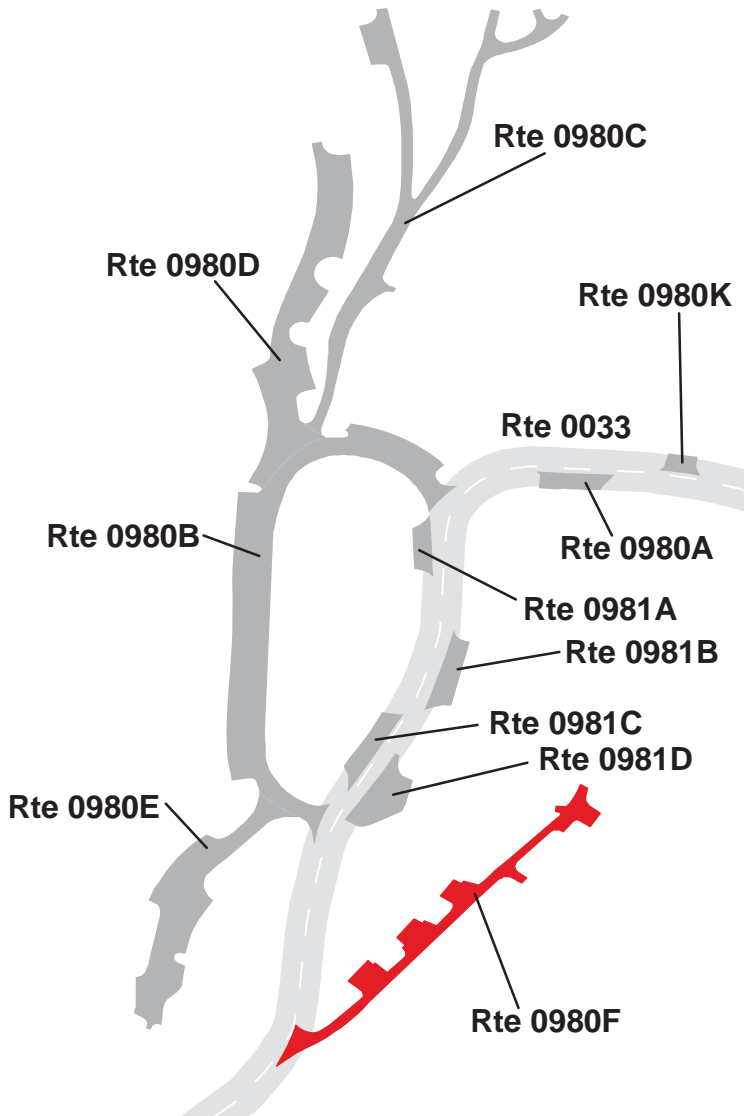
SHENANDOAH NATIONAL PARK

Route 0980F

SKYLAND LOWER LOOP CABIN PARKING F
 FROM ROUTE 0033 (SKYLAND LOWER LOOP) AT MP 0.46 ON LEFT
 TO PARKING

Route Number	Public / NonPublic	Date Visited	Area (sq ft)	Lane Miles *	Surface Type
0980F	PUBLIC	9/4/2013	8,216	0.14	AS
Culverts	Drop Inlets	Gates	Curb & Gutter	Curb	PCR
0	0	0	NO CURB AND GUTTER	NO CURB	GOOD/90

* Lane miles are based on 11' lane widths



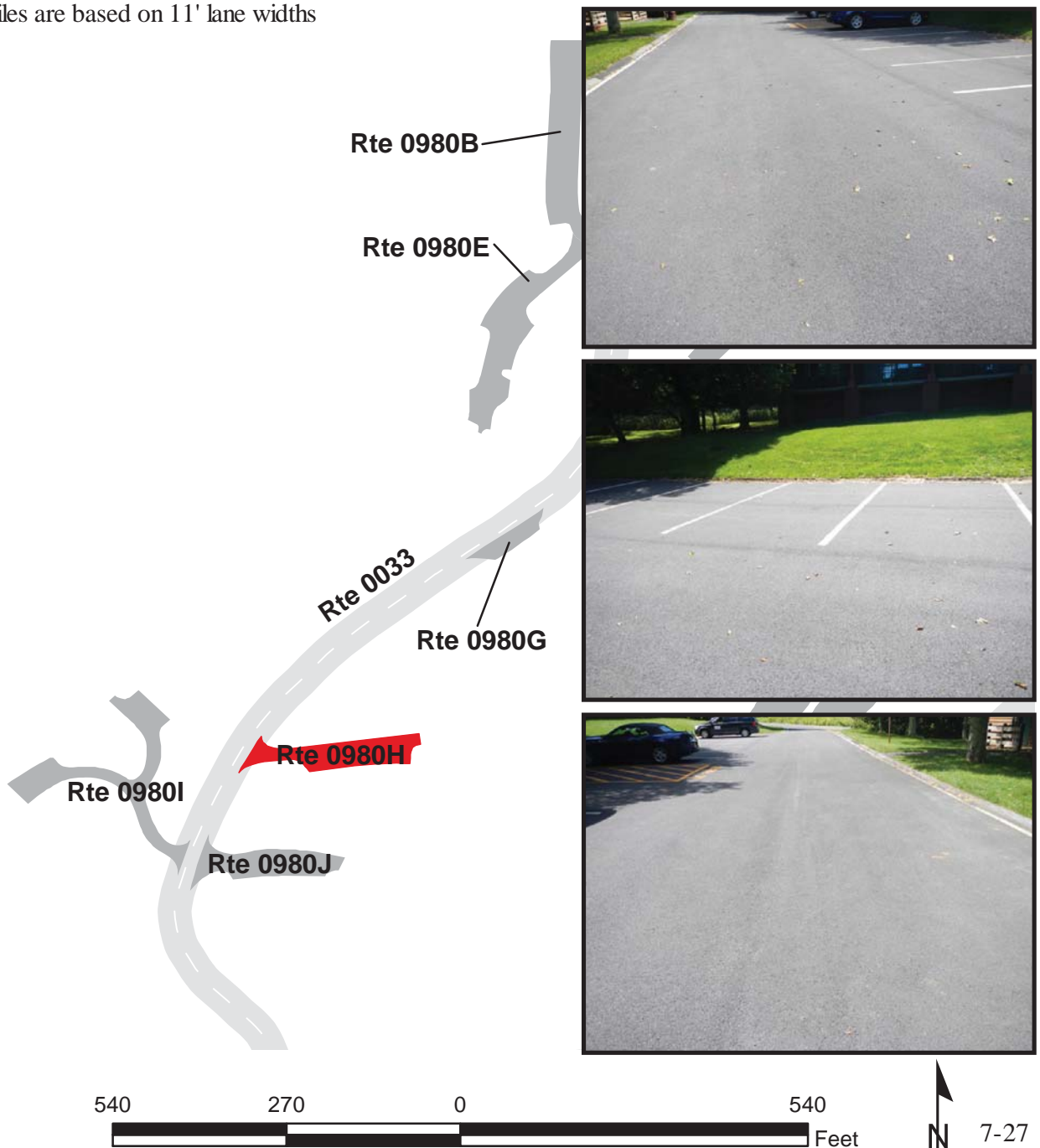
SHENANDOAH NATIONAL PARK

Route 0980H

SKYLAND LOWER LOOP CABIN PARKING H
 FROM ROUTE 0033 (SKYLAND LOWER LOOP) AT MP 0.58 ON LEFT
 TO PARKING

Route Number	Public / NonPublic	Date Visited	Area (sq ft)	Lane Miles *	Surface Type
0980H	PUBLIC	9/4/2013	6,919	0.12	AS
Culverts	Drop Inlets	Gates	Curb & Gutter	Curb	PCR
0	0	0	NO CURB AND GUTTER	ASPHALT CURB	EXCELLENT/97

* Lane miles are based on 11' lane widths



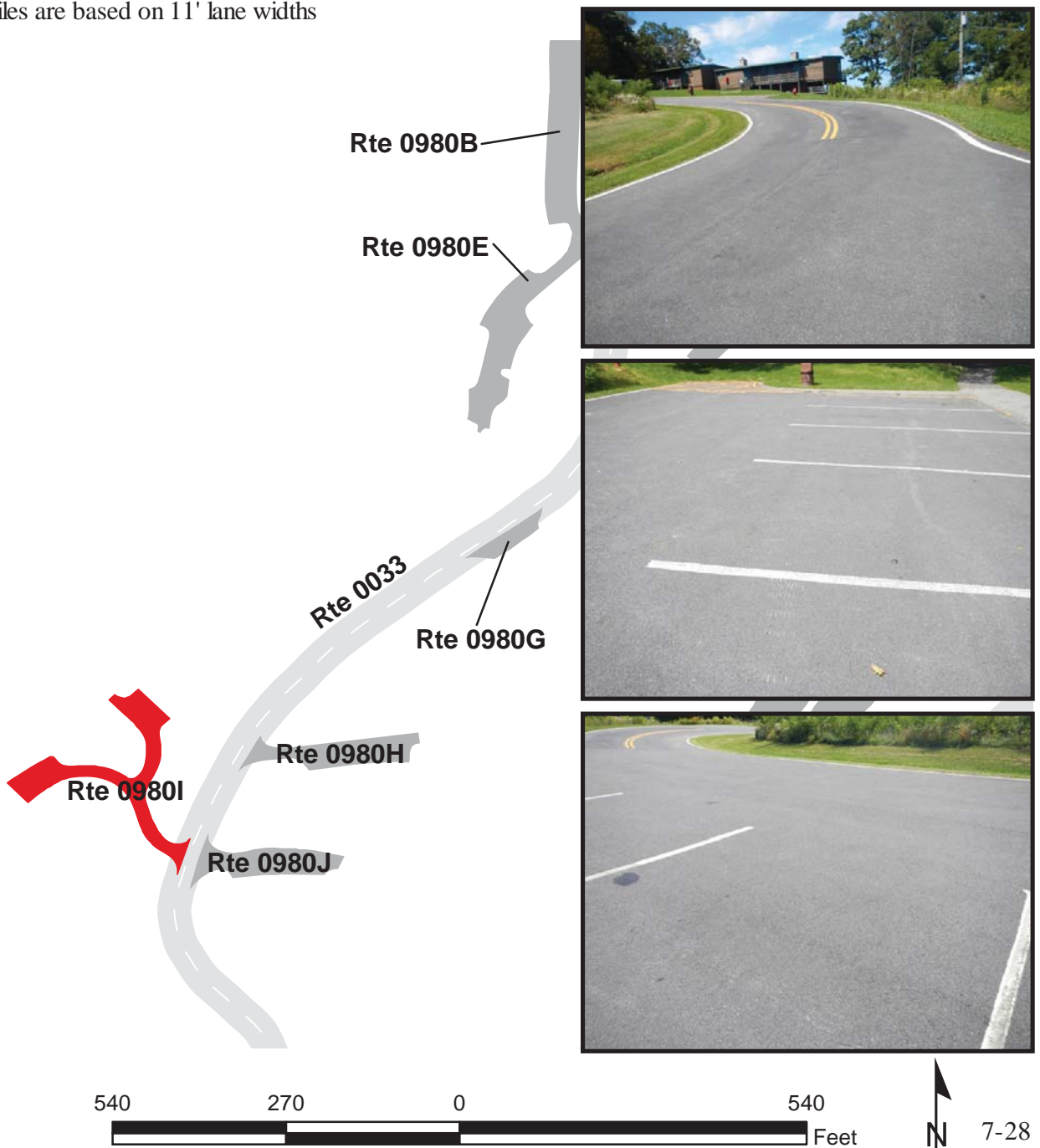
SHENANDOAH NATIONAL PARK

Route 0980I

SKYLAND LOWER LOOP CABIN PARKING I
FROM ROUTE 0033 (SKYLAND LOWER LOOP) AT MP 0.61 ON RIGHT
TO PARKING

Route Number	Public / NonPublic	Date Visited	Area (sq ft)	Lane Miles *	Surface Type
0980I	PUBLIC	9/4/2013	10,655	0.18	AS
Culverts	Drop Inlets	Gates	Curb & Gutter	Curb	PCR
1	1	0	NO CURB AND GUTTER	ASPHALT CURB	GOOD/90

* Lane miles are based on 11' lane widths



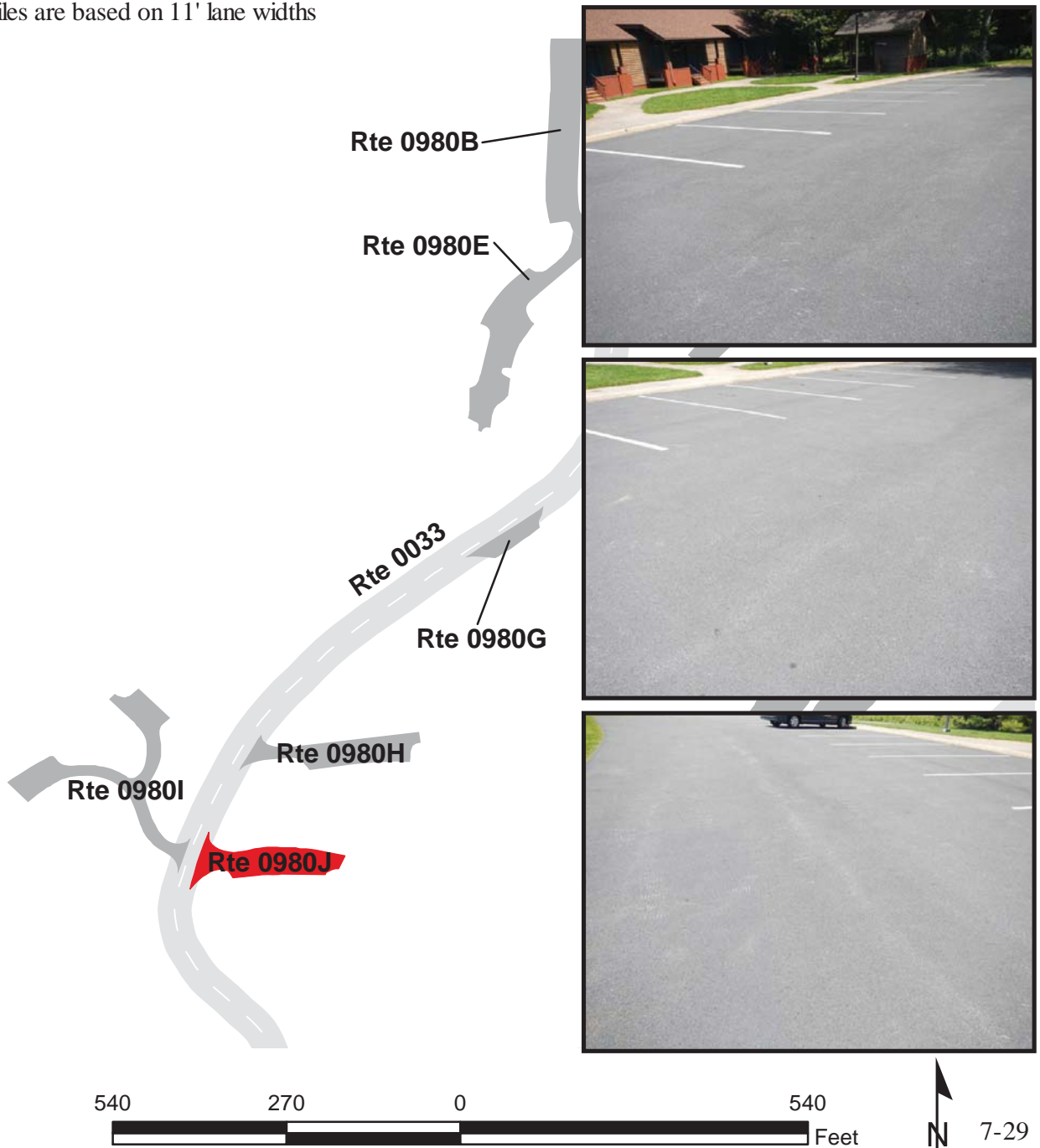
SHENANDOAH NATIONAL PARK

Route 0980J

SKYLAND LOWER LOOP CABIN PARKING J
 FROM ROUTE 0033 (SKYLAND LOWER LOOP) AT MP 0.61 ON LEFT
 TO PARKING

Route Number	Public / NonPublic	Date Visited	Area (sq ft)	Lane Miles *	Surface Type
0980J	PUBLIC	9/4/2013	6,777	0.12	AS
Culverts	Drop Inlets	Gates	Curb & Gutter	Curb	PCR
0	0	0	NO CURB AND GUTTER	CONCRETE CURB	EXCELLENT/97

* Lane miles are based on 11' lane widths



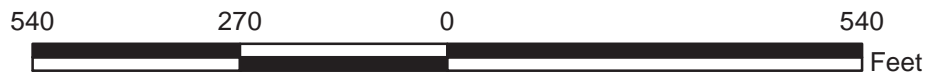
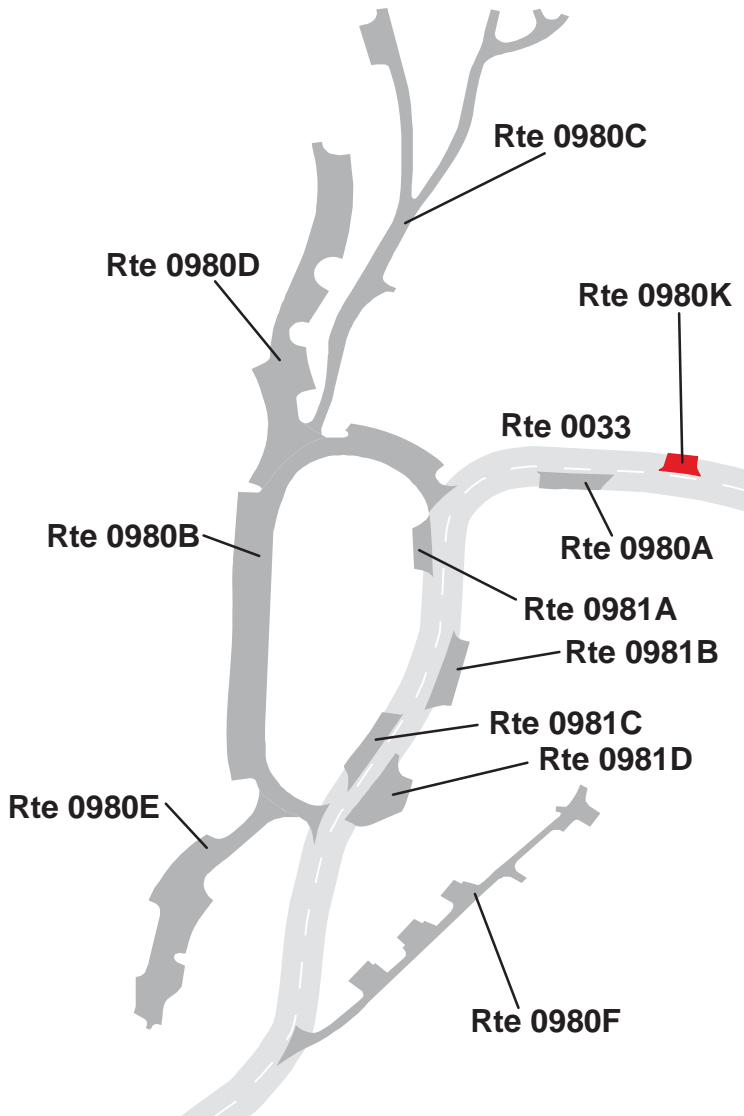
SHENANDOAH NATIONAL PARK

Route 0980K

SKYLAND LOWER LOOP CABIN PARKING K
ADJACENT TO ROUTE 0033 (SKYLAND LOWER LOOP)

Route Number	Public / NonPublic	Date Visited	Area (sq ft)	Lane Miles *	Surface Type
0980K	PUBLIC	9/4/2013	753	0.01	AS
Culverts	Drop Inlets	Gates	Curb & Gutter	Curb	PCR
0	0	0	NO CURB AND GUTTER	NO CURB	GOOD/90

* Lane miles are based on 11' lane widths



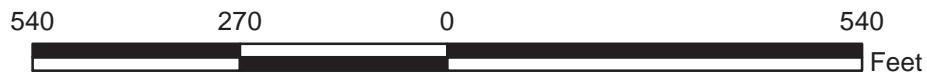
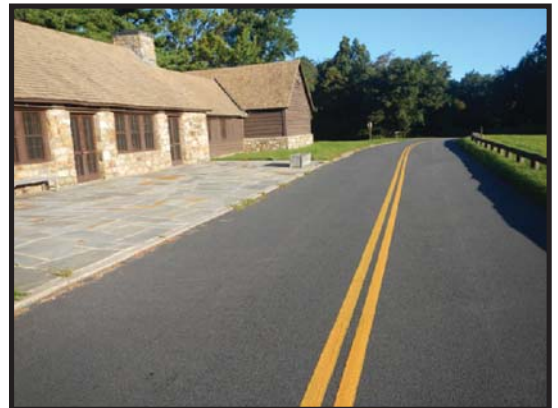
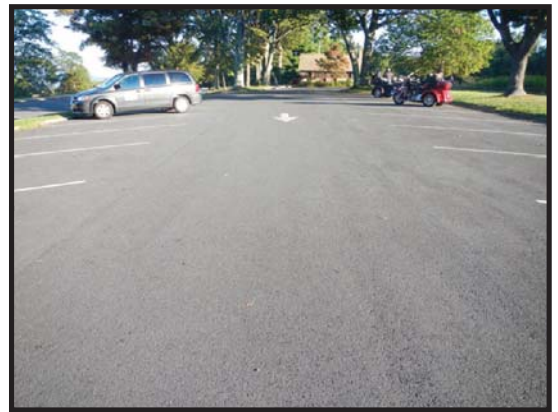
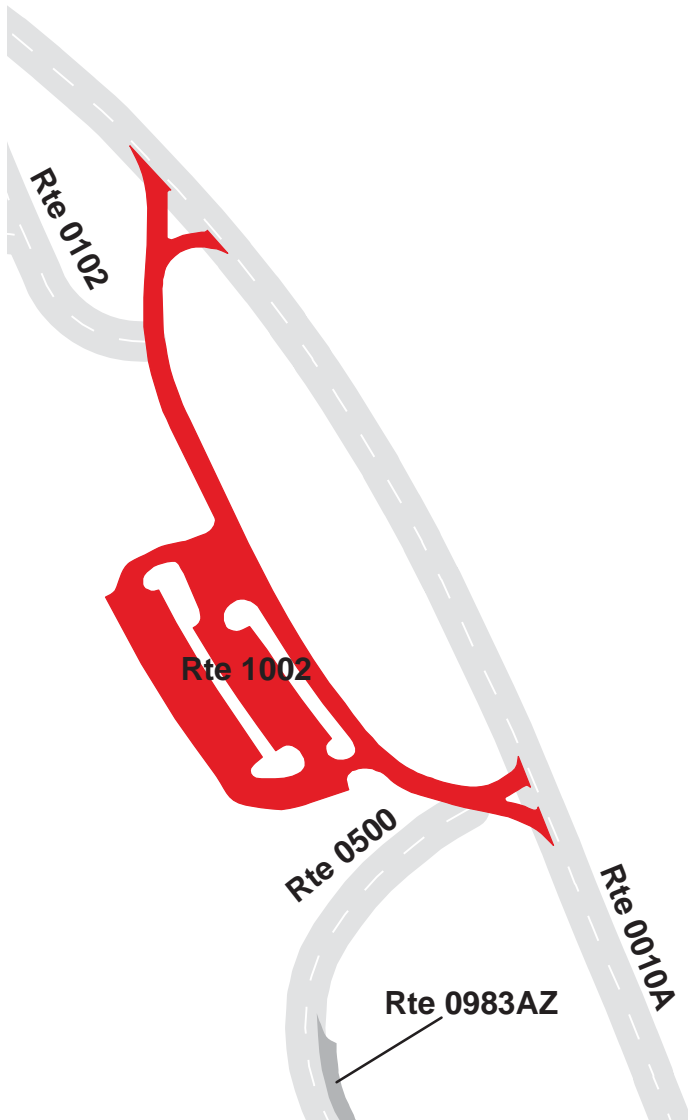
SHENANDOAH NATIONAL PARK

Route 1002

DICKEY RIDGE VISITOR CENTER PARKING
 FROM ROUTE 0010A (SKYLINE DRIVE (NORTH)) AT MP 4.61 ON RIGHT
 TO ROUTE 0010A (SKYLINE DRIVE (NORTH)) AT MP 4.78

Route Number	Public / NonPublic	Date Visited	Area (sq ft)	Lane Miles *	Surface Type
1002	PUBLIC	9/4/2013	60,106	1.04	AS
Culverts	Drop Inlets	Gates	Curb & Gutter	Curb	PCR
0	0	0	NO CURB AND GUTTER	CONCRETE CURB	GOOD/90

* Lane miles are based on 11' lane widths



SHENANDOAH NATIONAL PARK

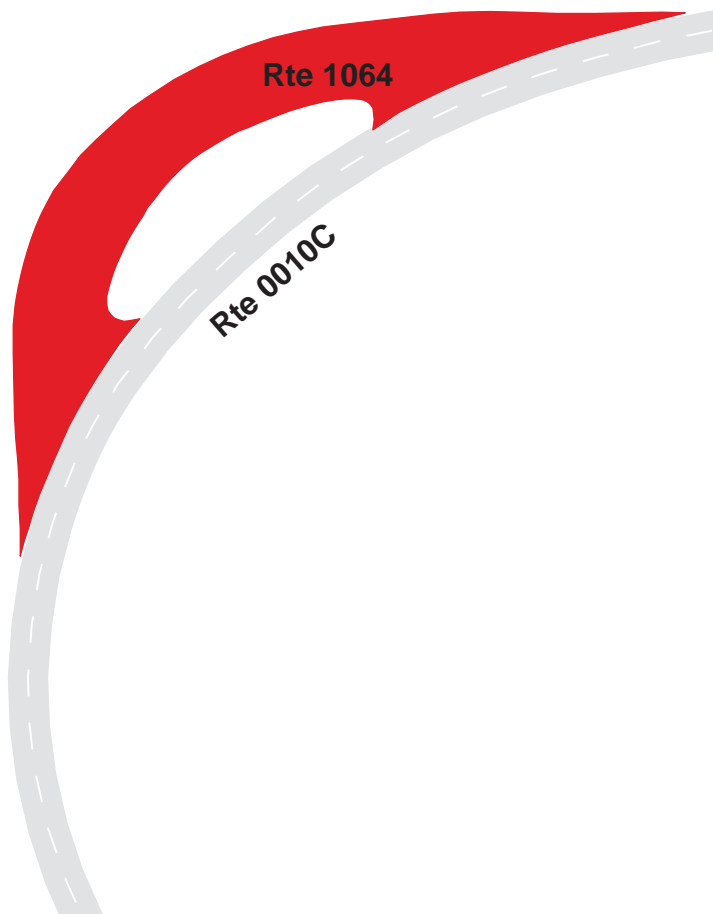
Route 1064

TURK MOUNTAIN OVERLOOK PARKING

FROM ROUTE 0010C (SKYLINE DRIVE (SOUTH)) AT MP 93.97 ON RIGHT
TO ROUTE 0010C (SKYLINE DRIVE (SOUTH)) AT MP 94.02

Route Number	Public / NonPublic	Date Visited	Area (sq ft)	Lane Miles *	Surface Type
1064	PUBLIC	9/5/2013	13,511	0.23	AS
Culverts	Drop Inlets	Gates	Curb & Gutter	Curb	PCR
0	0	0	NO CURB AND GUTTER	NO CURB	GOOD/90

* Lane miles are based on 11' lane widths



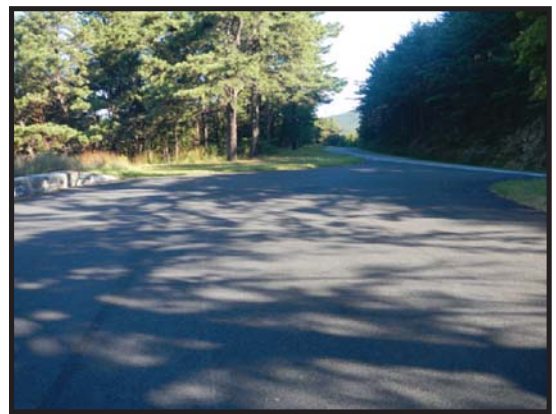
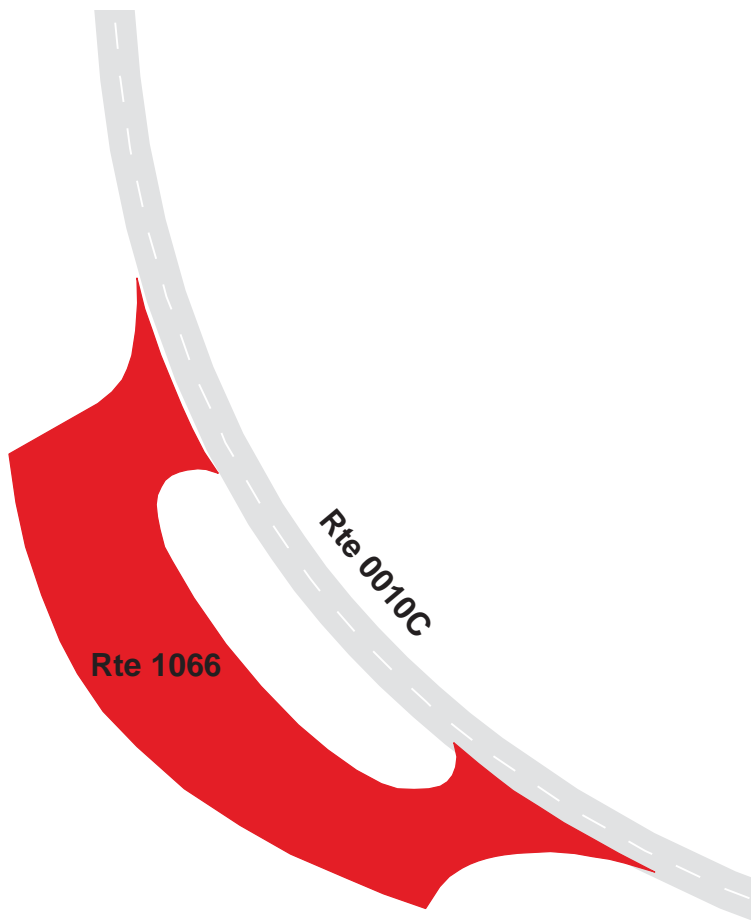
SHENANDOAH NATIONAL PARK

Route 1066

SAWMILL RIDGE OVERLOOK PARKING
 FROM ROUTE 0010C (SKYLINE DRIVE (SOUTH)) AT MP 96.19 ON RIGHT
 TO ROUTE 0010C (SKYLINE DRIVE (SOUTH)) AT MP 96.22

Route Number	Public / NonPublic	Date Visited	Area (sq ft)	Lane Miles *	Surface Type
1066	PUBLIC	9/5/2013	8,900	0.15	AS
Culverts	Drop Inlets	Gates	Curb & Gutter	Curb	PCR
0	0	0	NO CURB AND GUTTER	NO CURB	EXCELLENT/97

* Lane miles are based on 11' lane widths



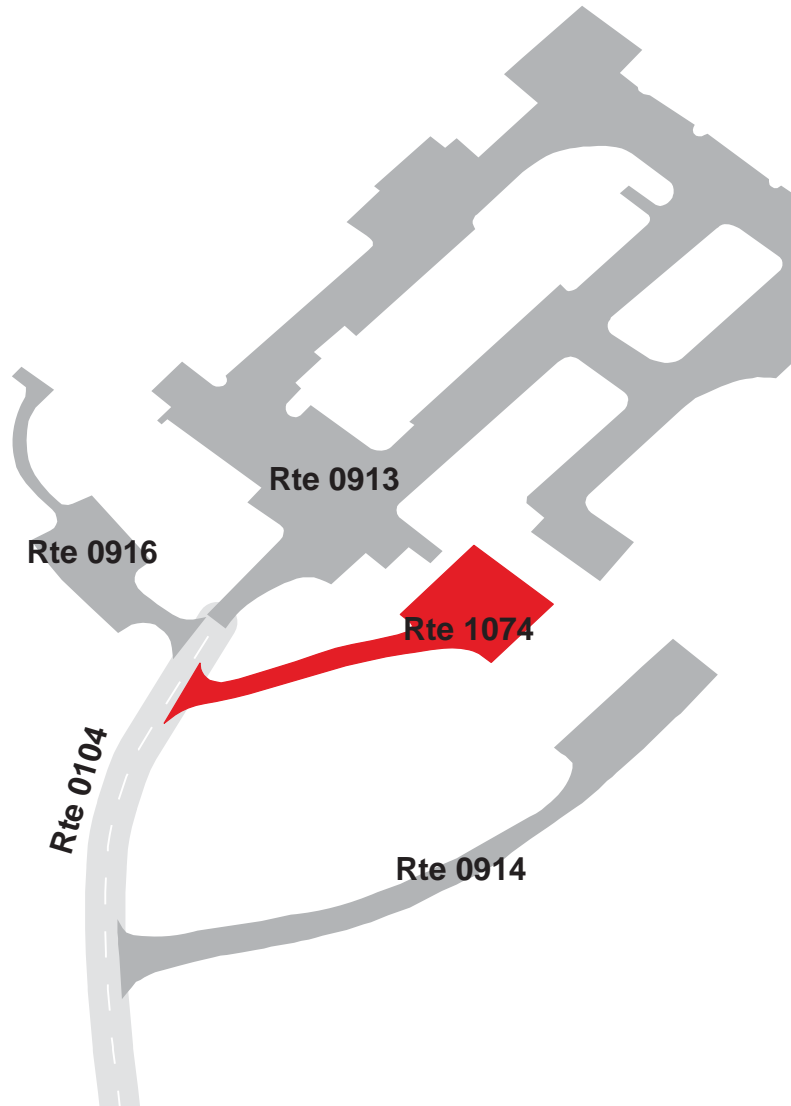
SHENANDOAH NATIONAL PARK

Route 1074

HEADQUARTERS ARCHIVES PARKING
FROM ROUTE 0104 (HEADQUARTERS ACCESS ROAD)
TO PARKING

Route Number	Public / NonPublic	Date Visited	Area (sq ft)	Lane Miles *	Surface Type
1074	NONPUBLIC	9/4/2013	8,565	0.15	AS
Culverts	Drop Inlets	Gates	Curb & Gutter	Curb	PCR
1	1	0	NO CURB AND GUTTER	NO CURB	POOR/45

* Lane miles are based on 11' lane widths



SHENANDOAH NATIONAL PARK

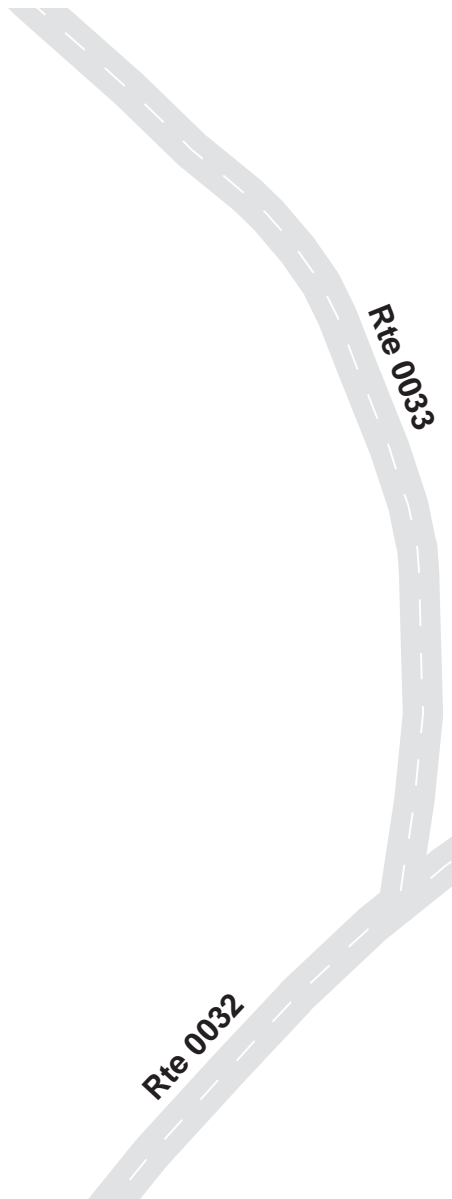
Route 1084

SKYLAND AMPHITHEATER HANDICAPPED PARKING ADJACENT TO ROUTE 0033 (SKYLAND LOWER LOOP)

Route Number	Public / NonPublic	Date Visited	Area (sq ft)	Lane Miles *	Surface Type
1084	PUBLIC	9/4/2013	538	0.01	AS
Culverts	Drop Inlets	Gates	Curb & Gutter	Curb	PCR
0	0	0	NO CURB AND GUTTER	NO CURB	GOOD/90

* Lane miles are based on 11' lane widths

Rte 1084



SHENANDOAH NATIONAL PARK

Route 1085ZZ

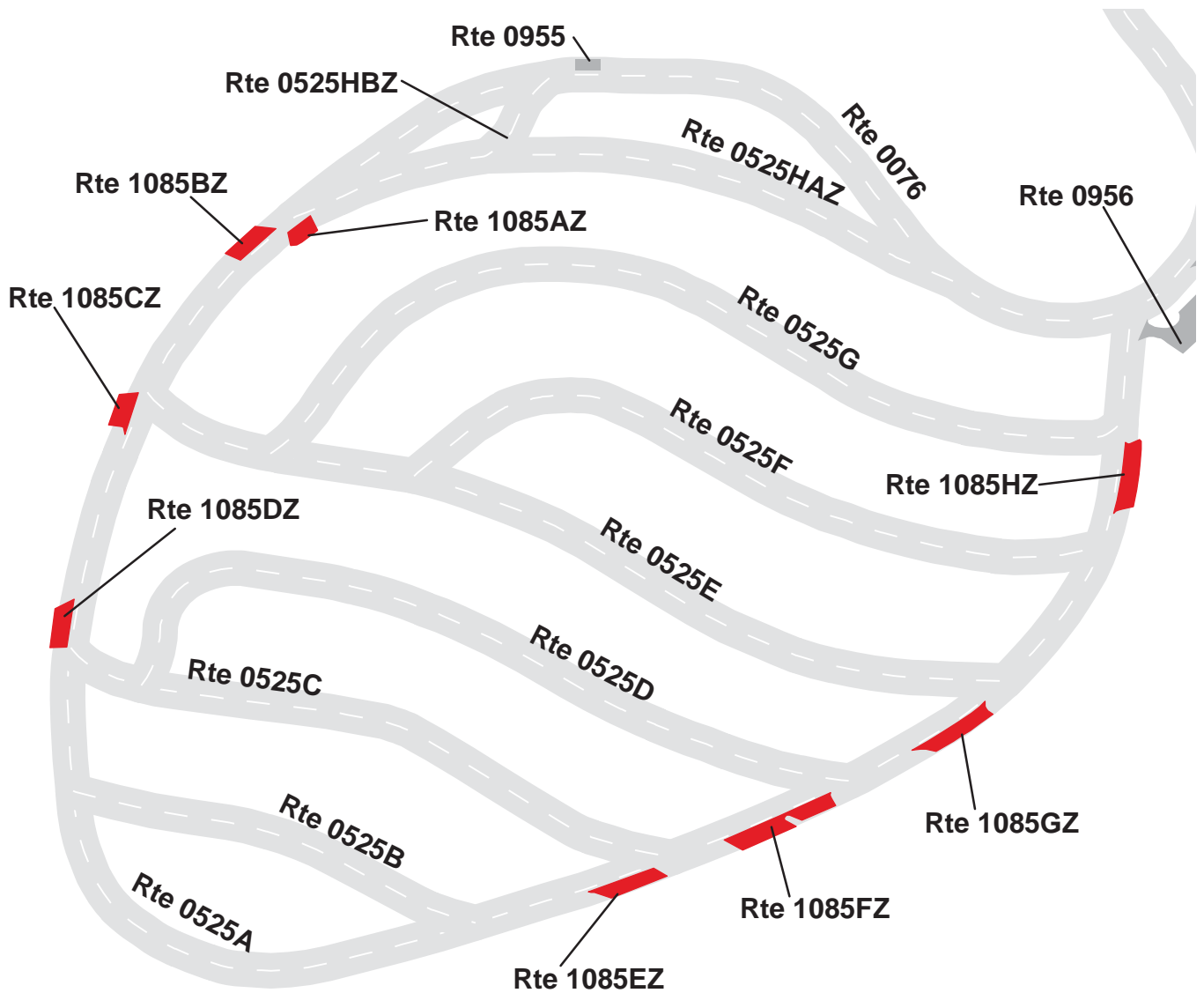
LOFT MOUNTAIN CAMPGROUND PARKING AREAS

ADJACENT TO ROUTE 0525A (LOFT MOUNTAIN CAMPGROUND SECTION A) ON RIGHT

Summary Record

Route Number	Public / NonPublic	Date Visited	Area (sq ft)	Lane Miles *	Surface Type
1085ZZ	PUBLIC	9/5/2013	16,179	0.28	AS
Culverts	Drop Inlets	Gates	Curb & Gutter	Curb	PCR
0	0	0	NO CURB AND GUTTER	NO CURB	SUMMARY/86

* Lane miles are based on 11' lane widths



SHENANDOAH NATIONAL PARK

Route 1085AZ

LOFT MOUNTAIN CAMPGROUND PARKING - GROUP A1
 ADJACENT TO ROUTE 0525A (LOFT MOUNTAIN CAMPGROUND SECTION A) ON RIGHT

Subcomponent Record

Route Number	Public / NonPublic	Date Visited	Area (sq ft)	Lane Miles *	Surface Type
1085AZ	PUBLIC	9/5/2013	1,082	0.02	AS
Culverts	Drop Inlets	Gates	Curb & Gutter	Curb	PCR
0	0	0	NO CURB AND GUTTER	NO CURB	GOOD/90

* Lane miles are based on 11' lane widths



SHENANDOAH NATIONAL PARK

Route 1085BZ

LOFT MOUNTAIN CAMPGROUND PARKING - GROUP A2
 ADJACENT TO ROUTE 0525A (LOFT MOUNTAIN CAMPGROUND SECTION A) ON RIGHT

Subcomponent Record

Route Number	Public / NonPublic	Date Visited	Area (sq ft)	Lane Miles *	Surface Type
1085BZ	PUBLIC	9/5/2013	1,526	0.03	AS
Culverts	Drop Inlets	Gates	Curb & Gutter	Curb	PCR
0	0	0	NO CURB AND GUTTER	NO CURB	GOOD/90

* Lane miles are based on 11' lane widths



SHENANDOAH NATIONAL PARK

Route 1085CZ

LOFT MOUNTAIN CAMPGROUND PARKING - GROUP A8
 ADJACENT TO ROUTE 0525A (LOFT MOUNTAIN CAMPGROUND SECTION A) ON RIGHT

Subcomponent Record

Route Number	Public / NonPublic	Date Visited	Area (sq ft)	Lane Miles *	Surface Type
1085CZ	PUBLIC	9/5/2013	1,430	0.03	AS
Culverts	Drop Inlets	Gates	Curb & Gutter	Curb	PCR
0	0	0	NO CURB AND GUTTER	NO CURB	GOOD/90

* Lane miles are based on 11' lane widths



SHENANDOAH NATIONAL PARK

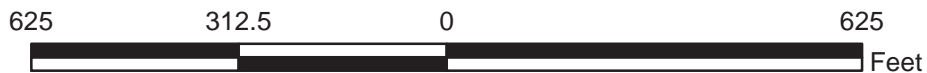
Route 1085DZ

LOFT MOUNTAIN CAMPGROUND PARKING - GROUP A10
 ADJACENT TO ROUTE 0525A (LOFT MOUNTAIN CAMPGROUND SECTION A) ON RIGHT

Subcomponent Record

Route Number	Public / NonPublic	Date Visited	Area (sq ft)	Lane Miles *	Surface Type
1085DZ	PUBLIC	9/5/2013	1,706	0.03	AS
Culverts	Drop Inlets	Gates	Curb & Gutter	Curb	PCR
0	0	0	NO CURB AND GUTTER	NO CURB	GOOD/90

* Lane miles are based on 11' lane widths



SHENANDOAH NATIONAL PARK

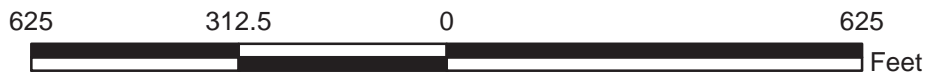
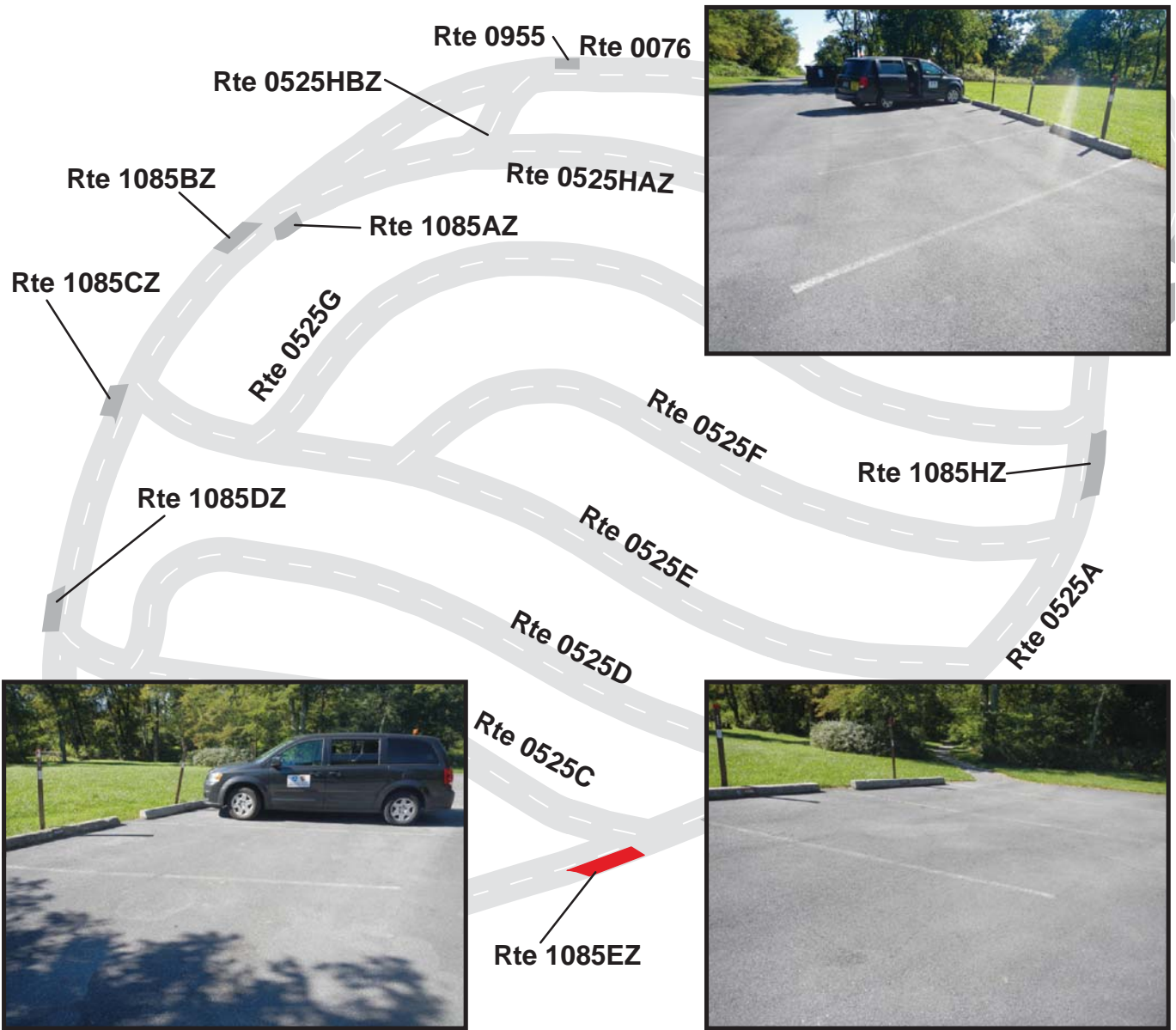
Route 1085EZ

LOFT MOUNTAIN CAMPGROUND PARKING - GROUP A32
 ADJACENT TO ROUTE 0525A (LOFT MOUNTAIN CAMPGROUND SECTION A)

Subcomponent Record

Route Number	Public / NonPublic	Date Visited	Area (sq ft)	Lane Miles *	Surface Type
1085EZ	PUBLIC	9/5/2013	1,908	0.03	AS
Culverts	Drop Inlets	Gates	Curb & Gutter	Curb	PCR
0	0	0	NO CURB AND GUTTER	NO CURB	GOOD/90

* Lane miles are based on 11' lane widths



SHENANDOAH NATIONAL PARK

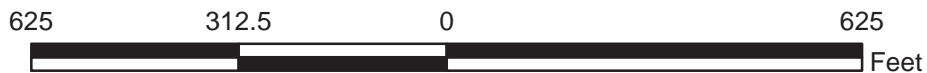
Route 1085FZ

LOFT MOUNTAIN CAMPGROUND PARKING - GROUP A33
 ADJACENT TO ROUTE 0525A (LOFT MOUNTAIN CAMPGROUND SECTION A)

Subcomponent Record

Route Number	Public / NonPublic	Date Visited	Area (sq ft)	Lane Miles *	Surface Type
1085FZ	PUBLIC	9/5/2013	3,597	0.06	AS
Culverts	Drop Inlets	Gates	Curb & Gutter	Curb	PCR
0	0	0	NO CURB AND GUTTER	NO CURB	FAIR/73

* Lane miles are based on 11' lane widths



SHENANDOAH NATIONAL PARK

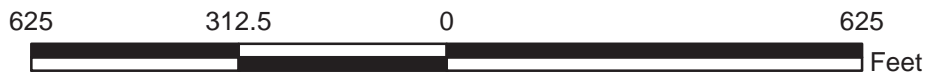
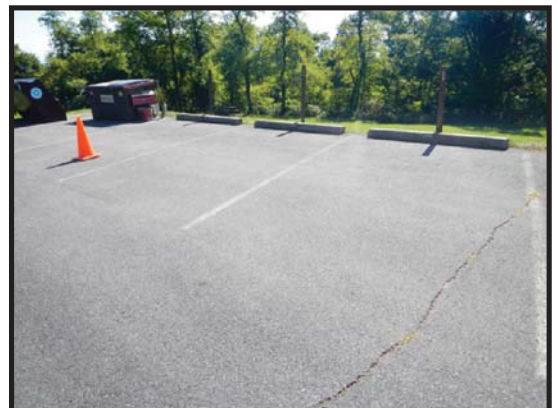
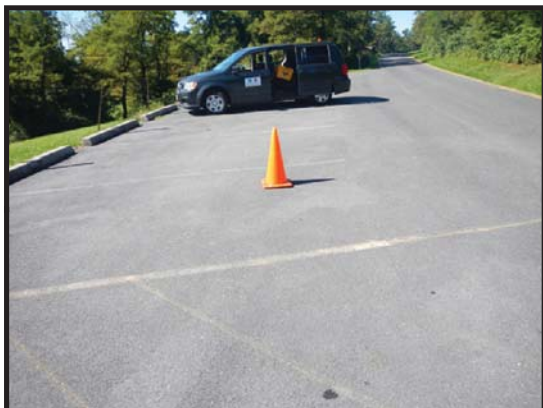
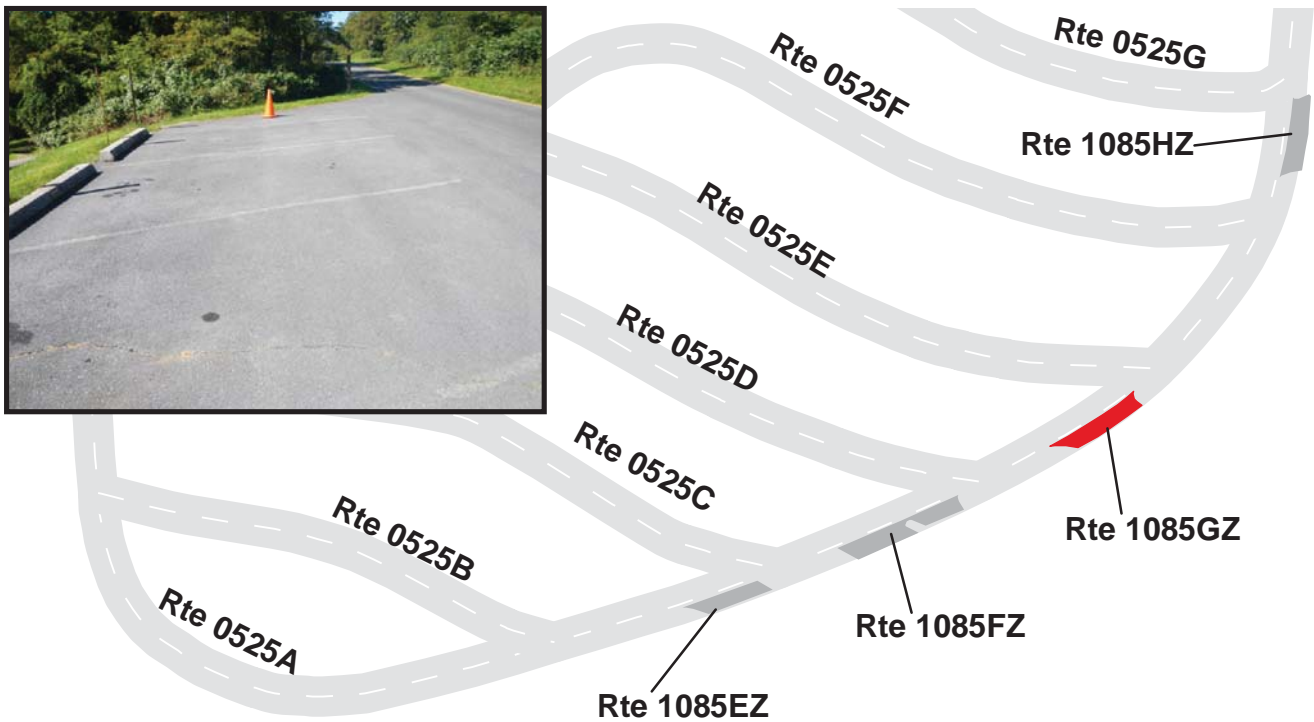
Route 1085GZ

LOFT MOUNTAIN CAMPGROUND PARKING - GROUP A34
 ADJACENT TO ROUTE 0525A (LOFT MOUNTAIN CAMPGROUND SECTION A)

Subcomponent Record

Route Number	Public / NonPublic	Date Visited	Area (sq ft)	Lane Miles *	Surface Type
1085GZ	PUBLIC	9/5/2013	2,319	0.04	AS
Culverts	Drop Inlets	Gates	Curb & Gutter	Curb	PCR
0	0	0	NO CURB AND GUTTER	NO CURB	GOOD/90

* Lane miles are based on 11' lane widths



SHENANDOAH NATIONAL PARK

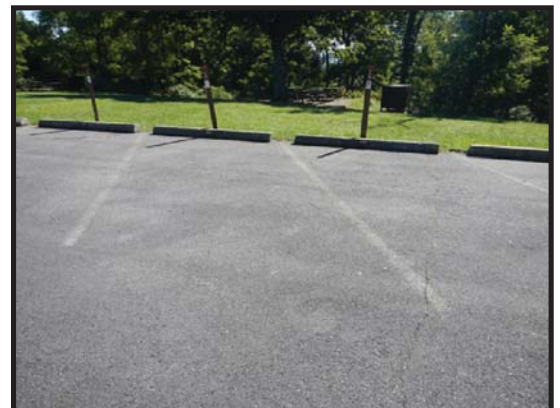
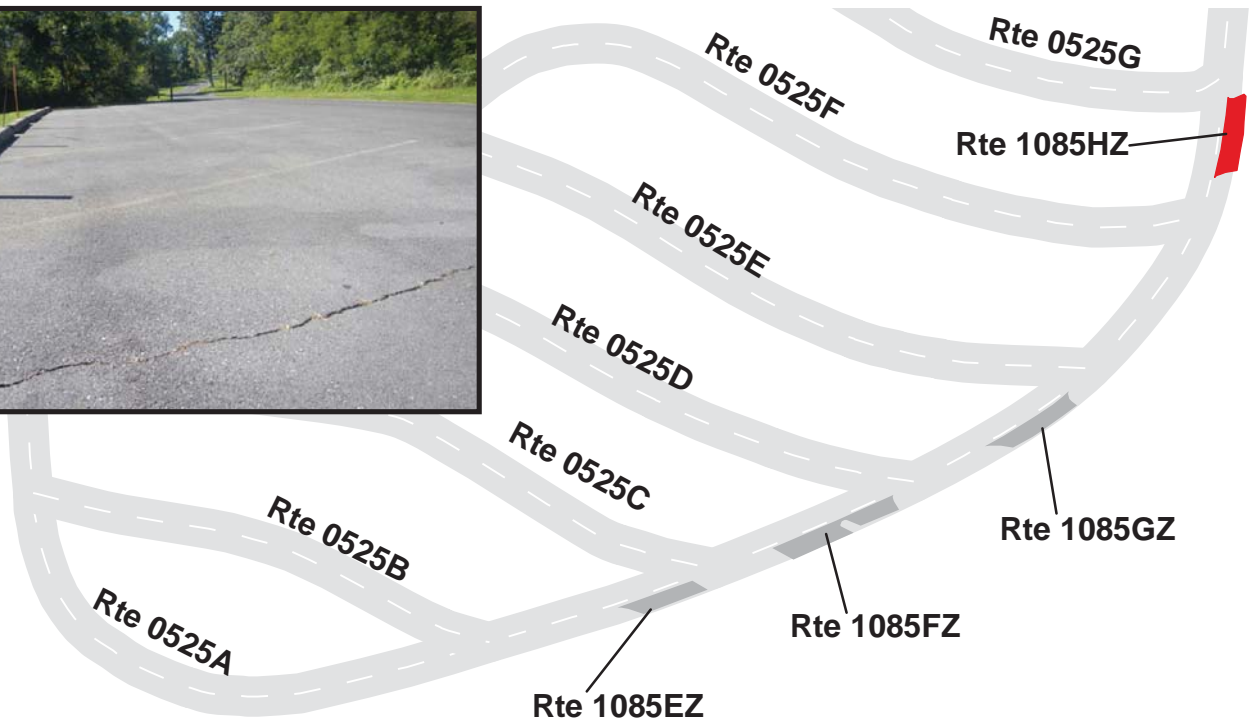
Route 1085HZ

LOFT MOUNTAIN CAMPGROUND PARKING - GROUPS A37, A38, A39
 ADJACENT TO ROUTE 0525A (LOFT MOUNTAIN CAMPGROUND SECTION A)

Subcomponent Record

Route Number	Public / NonPublic	Date Visited	Area (sq ft)	Lane Miles *	Surface Type
1085HZ	PUBLIC	9/5/2013	2,611	0.05	AS
Culverts	Drop Inlets	Gates	Curb & Gutter	Curb	PCR
0	0	0	NO CURB AND GUTTER	NO CURB	GOOD/90

* Lane miles are based on 11' lane widths



Section 8
Route Maintenance
Features Summaries



Shenandoah National Park



Federal Lands Highway
Road Inventory Program

DCV ROUTE MAINTENANCE FEATURES SUMMARY

This park is classified as a Large Park. Therefore, in Cycle 5, no features asset inventory was conducted unless the route was modified or previously uncollected by RIP.

STRUCTURE LIST

This park is classified as a large park. Therefore, in Cycle 5, BIP-Structures were inventoried only if they were located along routes that were modified or previously uncollected by RIP, so this report does not provide an all-inclusive listing of all BIP-Structures in the park.

Section 9
Route Maintenance Features
Road Logs



Shenandoah National Park



Federal Lands Highway
Road Inventory Program

SHEN: ROUTE MAINTENANCE FEATURES ROAD LOG

ROUTE 0035BZ: BIG MEADOWS CAMPGROUND ACCESS SPUR

Notice: Culverts and drop inlets were marked by NPS and inventoried by RIP in Cycle 5 on all new or re-aligned DCV driven routes.

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.000	0.000	ROUTE BEGIN	N/A	FROM INTERSECTION OF ROUTE 0034 (BIG MEADOWS ENTRANCE ROAD)
0.000	0.000	INTERSECTION	RIGHT	ROUTE 0034 (BIG MEADOWS ENTRANCE ROAD)
0.000	0.000	INTERSECTION	LEFT	ROUTE 0034 (BIG MEADOWS ENTRANCE ROAD)
0.011	0.011	SIGN	LEFT	REGULATORY, STOP
0.037	0.037	INTERSECTION	LEFT	ROUTE 0035AZ (BIG MEADOWS CAMPGROUND ACCESS)
0.037	0.037	INTERSECTION	N/A	ROUTE 0035AZ (BIG MEADOWS CAMPGROUND ACCESS)
0.037	0.037	SIGN	LEFT	GUIDE, LODGE CAMPSTORE SKYLINE DRIVE
0.037	0.037	ROUTE END	N/A	TO INTERSECTION OF ROUTE 0035AZ (BIG MEADOWS CAMPGROUND ACCESS)

SHEN: ROUTE MAINTENANCE FEATURES ROAD LOG

ROUTE 0201BZ: BIG MEADOWS LODGE B ACCESS

Notice: Culverts and drop inlets were marked by NPS and inventoried by RIP in Cycle 5 on all new or re-aligned DCV driven routes.

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.000	0.000	ROUTE BEGIN	N/A	FROM ROUTE 0201AZ (BIG MEADOWS LODGE A ACCESS)
0.000	0.000	INTERSECTION	LEFT	ROUTE 0201AZ (BIG MEADOWS LODGE A ACCESS)
0.000	0.000	INTERSECTION	N/A	ROUTE 0201AZ (BIG MEADOWS LODGE A ACCESS)
0.000	0.132	ONE-WAY	N/A	N/A
0.000	0.000	SIGN	LEFT	REGULATORY, SPEED LIMIT 20
0.006	0.006	SIGN	LEFT	REGULATORY, DO NOT ENTER
0.006	0.006	SIGN	N/A	REGULATORY, ONE WAY
0.014	0.014	CULVERT	N/A	N/A
0.031	0.031	SIGN	RIGHT	GUIDE, HAWKSBILL 60-69
0.080	0.080	INTERSECTION	LEFT	ROUTE 0926BCZ (BIG MEADOWS LODGE PARKING AREA BC)
0.080	0.080	INTERSECTION	RIGHT	ROUTE 0926BDZ (BIG MEADOWS LODGE PARKING AREA BD)
0.118	0.118	SIGN	N/A	REGULATORY, KEEP RIGHT
0.129	0.129	SIGN	RIGHT	REGULATORY, NO PARKING ANY TIME
0.132	0.132	INTERSECTION	LEFT	ROUTE 0201AZ (BIG MEADOWS LODGE A ACCESS)
0.132	0.132	INTERSECTION	N/A	ROUTE 0201AZ (BIG MEADOWS LODGE A ACCESS)
0.132	0.132	ROUTE END	N/A	TO ROUTE 0201AZ (BIG MEADOWS LODGE A ACCESS)

Section 10 Appendix



Shenandoah National Park



**Federal Lands Highway
Road Inventory Program**

Explanation of Changes to the RIP Index Equations and Determination of PCR

In 2005, the FHWA began implementing the use of a Pavement Management System to assist the National Park Service in prioritizing Pavement Maintenance and Rehabilitation activities. The PMS used by FHWA is the Highway Pavement Management Application (HPMA) and this software 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, 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 in relation to the distresses and indexes that comprise the Pavement Condition Rating (PCR), an extensive study was completed throughout 2010 that resulted in changes to the Road Inventory Program 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.

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 to ensure that an improvement was achieved between the relationship of PCR and the actual Maintenance and Rehabilitation needs that were represented. These 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.

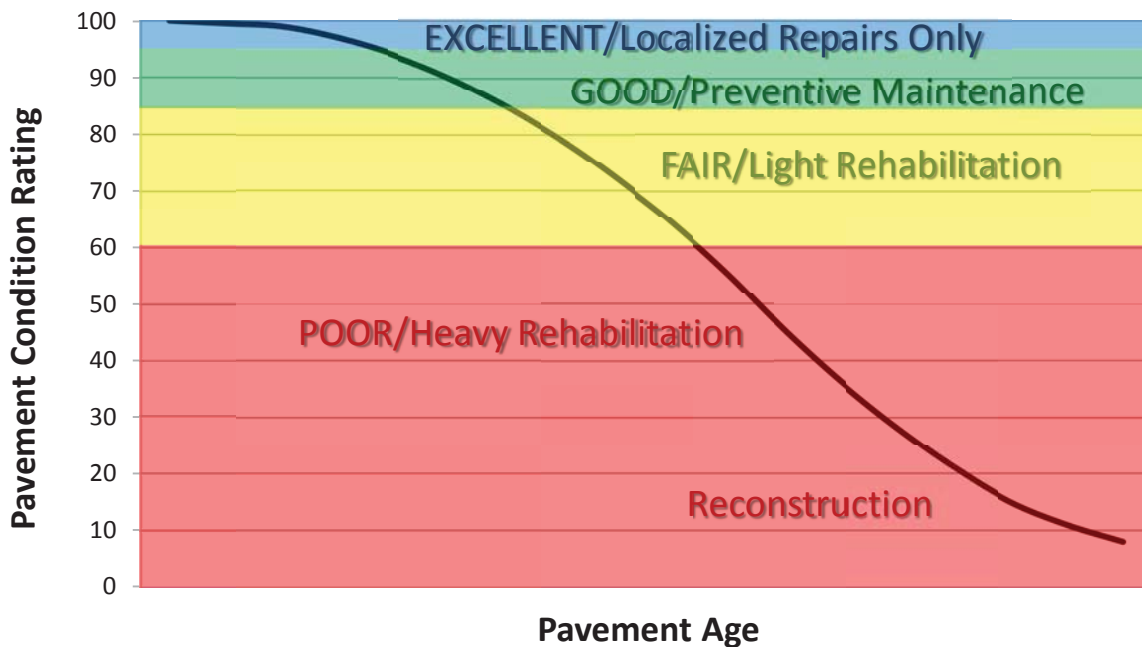
Explanation of the Excellent, Good, Fair and Poor Condition Descriptions

In addition to the RIP Index changes that were implemented in Cycle 5, we will 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.

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 Pavement Management System's data from our Highway Pavement Management Application (HPMA) please contact the Eastern Federal Lands pavement team.

Condition Categories and Treatments



DESCRIPTION OF RATING SYSTEM

The Federal Highway Administration (FHWA), National Park Service Road Inventory Program (NPS-RIP), collects condition data on paved roads, parkways, and parking areas in park units nationwide. Road surface condition data is collected using an automated Data Collection Vehicle (DCV). Roads having brick, cobblestone, or wood surfaces are not normally surveyed with the DCV, but are manually rated for the purpose of assigning a condition rating. Unpaved roads, parkways, and parking areas are not currently being evaluated for condition. Paved campground pads and driveways are also not currently being evaluated for condition.

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 high quality digital photography and automated crack detection software, FHWA RIP is tasked with executing a pavement condition assessment on about 5000 miles of National Park Service roads and parkways. 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. The FHWA RIP distress types are similar to those described in the LTPP manual with some modifications. The document, “*Distress Identification Manual for the NPS Road Inventory Program, Cycle 5, 2010-2013*” 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 NPS-RIP.

In 2010, FHWA RIP began the fifth cycle of data collection in national parks. For Cycle 5, data will be collected in approximately 81 large parks (10 or more paved route miles) on Functional Class 1, 2, and 7 routes plus any new routes or parking areas previously not collected, totaling an estimated 4,459 paved route miles. Additionally, 231 small parks will be collected comprising approximately 529 paved route miles and associated paved parking areas. The data is used to support the National Park Service road maintenance program and Pavement Management System (PMS) developed and maintained by FHWA.

This “*Distress Identification Manual for the NPS Road Inventory Program, Cycle 5, 2010-2013*” 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 5.

SURFACE DISTRESSES

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 determined from digital images

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

Surface distress measured by DCV (Data Collection Vehicle) LRMS (Laser Rut Measuring System)

- 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 SCR (Surface Condition Rating).

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:

$$\text{Asphalt PCR} = (0.60 * \text{SCR}) + (0.40 * \text{RCI})$$

$$\text{Concrete PCR} = \text{RCI}$$

A detailed description of each distress index formula, roughness index formula, SCR and PCR is provided in this document beginning on page 8.

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 interval before it reaches MAE and fails.

The index formulas are based on a scale of 0-100. 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 (<=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 < 0 defaults to 0. Index values > 100 default 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.

TABLE 1: Distress Summary

ASPHALT-SURFACED PAVEMENT DISTRESS TYPES with RUTTING and ROUGHNESS				
DISTRESS TYPE	UNIT OF MEASURE...	...CONVERTED TO	DEFINED SEVERITY LEVELS?	MEASURED BY
Alligator Cracking	Square Feet	Percent of Lane Per 0.02 Mile	Yes	Digital Image Crack Detection Software
Transverse Cracking	Linear Feet	Number of Cracks Per 0.02 Mile	Yes	Digital Image Crack Detection Software
Longitudinal Cracking	Linear feet	Percent of Lane Length Per 0.02 Mile	Yes	Digital Image Crack Detection Software
Patching/Potholes	Square Feet	Percent of Lane Per 0.02 Mile	No	Digital Image Crack Detection Software
Rutting	Inches	Rut Depth Per 0.02 Mile	Yes	DCV – Laser Rut Measuring System (LRMS)
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**

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 of cracks with no or very few interconnecting cracks and the cracks are not spalled. Cracks are ≤ 0.25 in (6mm) in mean width. 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 >0.25 in. (6 mm) and ≤ 0.75 in. (19 mm) or any crack with a mean width ≤ 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 >0.75 in (19mm) or any crack with a mean width ≤ 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. Table 2 illustrates this.

TABLE 2: Alligator Crack Severity Levels

ALLIGATOR CRACKING SEVERITY LEVELS		Crack Pattern		
		LOW	MED	HIGH
Crack Width	LOW	L	M	H
	MED	M	M	H
	HI	H	H	H

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 of < 0.25 in. (6 mm). Sealed cracks with sealant in good condition and a width that cannot be determined.

MED

Cracks with a mean width > 0.25 in. (6 mm) and ≤ 0.75 in. (19 mm). Also, any crack with a mean width < 0.75 in. (19 mm) and adjacent random low severity cracking.

HIGH

Cracks with a mean width > 0.75 in. (19 mm). Also, any crack with a mean width < 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 < 0.25 in. (6 mm). Sealed cracks with sealant in good condition and a width that cannot be determined.

MED

Cracks with a mean width > 0.25 in. (6 mm) and ≤ 0.75 in. (19 mm). Also, any crack with a mean width < 0.75 in. (19 mm) and adjacent random low severity cracking.

HIGH

Cracks with a mean width > 0.75 in. (19 mm). Also, any crack with a mean width < 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 a patch may not exceed 0.30 mi. (0.48 km). Any full-lane width patch exceeding 0.30 mi. in length is considered a pavement change, not a patch for the purposes of distress analysis. Patching must have a quantifiable area.

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

Severity Levels

There are no stratified severities for Patching/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 $\geq 0.20''$ and $\leq 0.49''$

MED

Ruts with a measured depth $\geq 0.50''$ and $\leq 0.99''$

HIGH

Ruts with a measured depth $\geq 1.00''$

Ruts $< 0.20''$ are not included in the distress calculations.

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.

TABLE 3: IRI

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

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:

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

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 ≥ 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:

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

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 alligator 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 ≥ 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

$$\text{PATCH_INDEX} = 100 - 40 * (\% \text{PATCHING} / 80)$$

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:

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

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

$$\text{RUT_INDEX} = 100 - 40 * [(\% \text{LOW} / 535) + (\% \text{MED} / 205) + (\% \text{HI} / 40)]$$

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* are a *total percentage* of left wheelpath percentage and right wheelpath percentage added together for the respective 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 wheelpath based on 20 ruts.

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

$$\frac{\text{total number of ruts within each severity in both wheelpaths}}{20} * 100$$

In *RUT_INDEX*, the denominators 535, 205, and 40 are the Maximum Allowable Extents for each severity. In other words, the formula allows up to 535% low severity

ruts for a 0.02 interval before. However, since 200 is the highest measurable percentage allowed, 535% is unattainable and therefore, no amount of LOW severity rutting will cause the RUT_INDEX to fail a road. Similarly, since the MAE for MED severity rutting is 205, no amount of MED severity rutting will cause the RUT_INDEX to reach 60 and fail the road. As you can see, LOW severity rutting reaches MAE the resulting index value is 60, or failure. This formula was intentionally designed to minimize the impact of LOW and MED severity rutting on RUT_INDEX.

Roughness Condition Index (Asphalt)

$$RCI = 32 * [5 * (2.718282 ^ {(-0.0041 * AVG IRI)})]$$

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:

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

There is no applicable threshold for failure for this index.

Roughness Condition Index (Concrete)

$$RCI = -0.0012(IRI^2) + 0.0499(IRI) + 99.542$$

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 in Cycle 5 is collected by FHWA using a Pathway Services Inc. Data Collection Vehicle (DCV), called 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 .jpg digital imagery at a frequency of 26.4 feet.

Two forward-facing cameras are mounted above the vehicle cab, one pointed straight ahead and the other to the right shoulder providing seamless 120 degree viewing.

CAMERA SPECIFICATIONS	
Two Forward/ One Rear Facing	
Camera lens/type	FUJINON CCTV LENS H16x10B-Y41
Focal length	10 mm – 160 mm
Image size	8.8 mm x 6.6mm
Image format	*.jpg
Image resolution	HD 2000 X 1200
Image pixel size	depends on distance
Zoom ratio	16x
Max Relative Aperture	1:2.5
Iris range	F25-T800 (Equivalent to F800)

Pavement images are created using a Laser Scan Imaging System. This system is composed of a single high resolution line-scan camera and two lasers configured to image an approximate 11-foot wide lane with 1 mm resolution.

CAMERA SPECIFICATIONS	
Pavement Line Scan	
Image size	4280 pixels/line
Image width	4 meters (3950 mm nominal)
Laser class	3B
Power	250W
Vehicle speed limitations	62 mph
Environment	Dry pavement, day or night
Sensor size (approx)	300 mm(H) x 375 mm(L) x 200 mm(D)
Image frame length	26.4 feet

DMI (Distance Measuring Instrument)

The DMI (Distance Measuring Instrument) obtains road length measurements that are accurate to 0.1% 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)

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.

IRI SPECIFICATIONS	
Reported IRI units	Inches/mile
Vehicle speed limitations	12-62 mph
IRI equipment certification	Texas Transportation Institute (TTI)
Wavelengths accommodated	6 in. – 300 feet
IRI computed & reported	World Bank Technical Paper Number 46
Environment	Dry pavement, day or night, above 32 degrees F
Adherence to specifications	ASTM E950-98 (2004), ASTM E 1926-08, AASHTO MP 11-08, AASHTO PP 49-08

RUTTING

Rutting depths are measured using an INO Laser Rut Measurement System (LRMS). This system is a transverse profiling device that detects and characterizes pavement rutting. The LRMS can acquire full 4 meter width profiles of a pavement lane at normal traffic speeds and uses two laser profilers that digitize transverse sections of the pavement.

RUTTING SPECIFICATIONS	
Reported rut depth units	Inches
Vehicle speed limitations	Up to 62 mph
Sampling rate	30-150 profiles/second
Transverse resolution	1280 points/profile
Transverse field-of-view	4 m
Depth accuracy (nominal)	+/- 1 mm
Environment	Dry pavement, day or night, above 32 degrees F
Adherence to specifications	ASTM E1703M-95 (reapproved 2005)

GPS & INERTIAL SYSTEMS

GPS is collected by an onboard system employing OmniSTAR real-time correction and a gyroscope (spin-type) to provide accurate positioning data (pitch/roll/heading) in instances of satellite obstruction. All GPS coordinates are tied to 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	+ - 0.5 degrees
Grade	+ - 0.5 degrees

GPS on Manually Rated Roads (MRR)

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 backpack units. Paved campground pads and driveways are not typically included in the inventory or GPS.

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 tabular and geographic data. It will allow RIP to facilitate easier updates and enhancements in the future.

A geodatabase can be thought of as simply a database containing spatial data. Many different tables are contained with the park's geodatabase. 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. The metadata portion of the geodatabase also includes data dictionary report functionality that formats the metadata into an easy to read report.

GLOSSARY OF TERMS AND ABBREVIATIONS

<u>TERM OR ABBREVIATION</u>	<u>DESCRIPTION OR DEFINITION</u>
AC	Alligator Cracking
CRS	Condition Rating Sheets (Section 5)
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
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