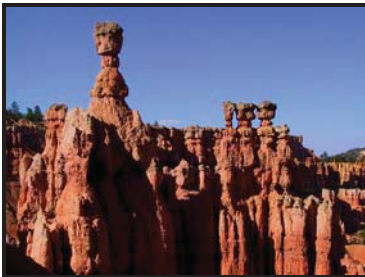




The Road Inventory of Bryce Canyon National Park BRCA - 1330



national park service



Road Inventory Program

Prepared By:
Federal Highway Administration
Eastern Federal Lands Highway Division
Cycle 3



Bryce Canyon National Park in Utah





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INTRODUCTION

Background: In July 1976, the National Park Service (NPS) and the Federal Highway Administration (FHWA) entered into a Memorandum of Agreement (MOA), establishing the Road Inventory Program (RIP). In 1980, the NPS and the FHWA terminated the 1976 MOA and entered into a new MOA that provided for the completion of the initial phase of the RIP. The purpose of the RIP, per the 1980 MOA, was to maintain and update RIP data in order to develop long-range and short-range costs and programs to bring National Park Service (NPS) roads up to, or to maintain, designated standards, and to establish a maintenance management program.

The FHWA's Federal Lands Highway (FLH) was assigned the task of identifying condition deficiencies and corrective priorities along with associated corrective costs, inventorying maintenance features (e.g., culverts, signs, guardrail, etc.), summarizing the data and findings in a report, and providing a photographic record of the road system.

The FLH completed the initial phase of the RIP in the early 1980's. As a result of this effort, each park received a RIP book, also known as the "Brown Book," that included the information collected during this initial RIP phase.

In an effort to maintain and update the RIP data, a cyclical data collection and reporting process was re-established in the 1990's. The FLH completed two cycles of RIP data collection between 1994 and 2001. Cycle 1 data was collected in 44 large parks from 1994 to 1995. This data was found to be unusable for comparison to future cycles. Cycle 2 data was collected from March 1997 to January 2001 in 79 large parks and 5 small parks containing 4,874 route miles. Each park received a copy of a Cycle 2 RIP Report, also known as the "Blue Book."

Since 1984, the RIP Program has been funded through the Federal Lands Highway Program's Park Roads and Parkways (PRP) Program. Currently, the NPS Washington Headquarters' Park Facility Management Division is responsible for coordinating the RIP program with the FLH. 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) which requires the Federal Highway Administration and the National Park Service, to develop, by rule, a Pavement Management System (PMS) for the park roads and parkways serving the National Park System. As a result of the requirements in TEA-21, the NPS and the FHWA are in the process of developing a PMS. The PMS will assist the decision-makers in effectively spending limited PRP Program funds. The PMS will provide information for planning and programming road maintenance, rehabilitation, and reconstruction activities. RIP data will provide the basic information for this system.

Key information included in the RIP is the mileage inventory and condition assessments accomplished by the RIP Program. The mileage and condition data are used in the current allocation formula of PRP Program funds.

RIP Cycle 3: A third RIP cycle was initiated in 2001. Data was collected from March 2001 to July 2004, and is included in the Cycle 3 Reports. Cycle 3 includes 254 large and small parks with a combined total of 5,455 route miles.

In the Cycle 3 Reports, a general condition rating of excellent, good, fair and poor is ascribed to each one-mile section of paved roadway, and to each paved parking area. This condition rating system provides a realistic means of assessing the general funding needs for road improvements. Along with these descriptive condition ratings, a numerical rating between 0 and 100 is ascribed to each mile of road and to each parking area.. This numerical rating is called a Pavement Condition Rating (PCR). The PCR rating system is described in Section 10 of this report.

All of the fieldwork required for obtaining inventory, condition, and maintenance feature information is coordinated with each park and the regional offices to ensure that the information in the RIP reports is accurate.

The FLH is responsible for all of the data presented in this report. Anyone having questions or comments regarding the contents of this report is encouraged to contact the FHWA RIP Coordinator. It is our aim to provide exceptional customer satisfaction in our delivery of the RIP program.

FHWA RIP Coordinator:

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Bryce Canyon National Park Summaries

Overall Park Mileage Summary

PARK TOTAL SUMMARY ITEMS	TOTAL	DATE
Paved ARAN Driven Route Miles	28.05	4/12/2003
Unpaved Estimated Route Miles	8.77	4/12/2003
Paved ARAN and Unpaved Route Miles	36.82	
Paved ARAN Driven Lane Miles	53.95	4/12/2003
Paved MRR Lane Miles	1.41	4/12/2003
Parking Lot Lane Miles	9.91	4/12/2003
Total Paved Lane Miles	65.27	

Notes: Total Paved Lane Miles includes the sum of Paved ARAN Driven Lane Miles, Paved MRR Lane Miles, and Parking Lot Lane Miles

Unpaved Route Miles are estimates, they have not been inventoried by the Roadway Inventory Program (RIP)

Bryce Canyon National Park Summaries

Cost to Improve to "Excellent" Condition

SOURCE	WORK PERFORMED	COST PER MILE	INITIAL CONDITION
FHWA Awarded Projects	Surface Maintenance	\$30,000	Excellent
FHWA Awarded Projects	3-R (Resurfacing)	\$110,000	Good
FHWA Awarded Projects	3-R (Resurfacing, Restoration, and Rehabilitation) Projects	\$560,000	Fair
FHWA Awarded Projects	4-R (Resurfacing, Restoration, Rehabilitation, and Reconstruction) Projects	\$1,540,000	Poor

Based on the above table, the cost to improve ARAN driven paved road condition miles to "Excellent" PCR are:

Existing Condition	Existing Miles	Estimated Cost to Improve
Excellent	0.58	\$17,400
Good	2.51	\$276,100
Fair	13.60	\$7,616,000
Poor	11.36	\$17,494,400
Totals	28.05	\$25,403,900

The above numbers include the 35% PE, CE and contingency costs and are national averages. The cost estimates were used in the calculations for the 2004 Reauthorization Bill to determine the level of funding required to bring all the NPS roads into a Pavement Condition Rating (PCR) of Good (85).

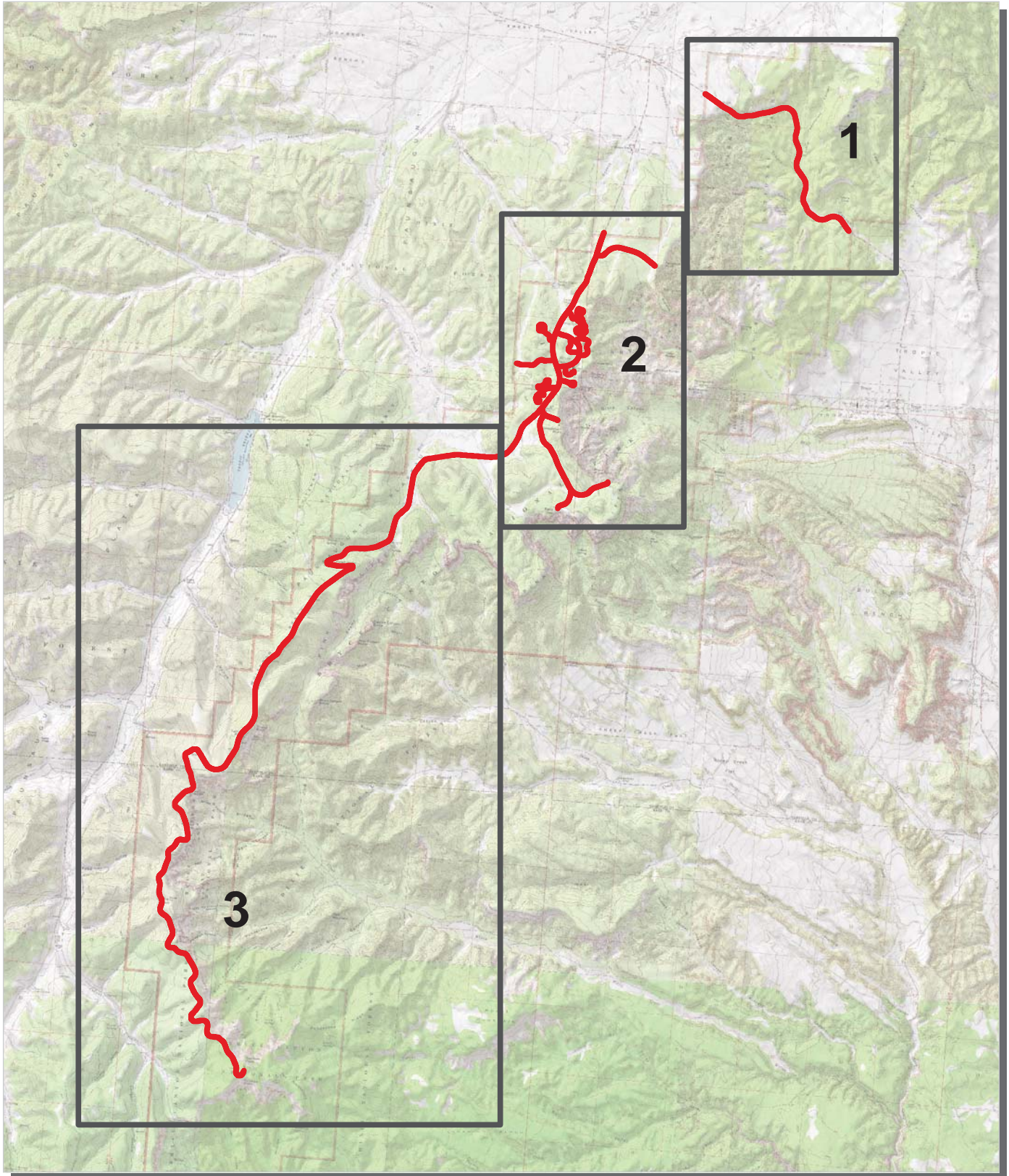
These numbers are for preliminary planning purposes only and should not be used for project level proposals. For park planning level analysis, apply your park multiplier for more accurate regional costs.

Bryce Canyon National Park Summaries

Paved Route Miles and Percentages by Functional Class and PCR for ARAN Driven Paved Roads

F.C.	Pavement Condition Rating								TOTAL MILES
	Poor (<=60)		Fair (61-84)		Good (85-94)		Excellent (95-100)		
	MILES	%	MILES	%	MILES	%	MILES	%	
1	6.80	24.24%	12.18	43.42%	1.62	5.78%	0.30	1.07%	20.90
2	0.75	2.67%	1.03	3.67%	0.63	2.25%	0.04	0.14%	2.45
3	3.11	11.09%	0.13	0.46%					3.24
4									
5	0.70	2.50%	0.26	0.93%	0.26	0.93%	0.24	0.86%	1.46
6									
7									
8									
Totals	11.36	40.50%	13.60	48.48%	2.51	8.95%	0.58	2.07%	28.05

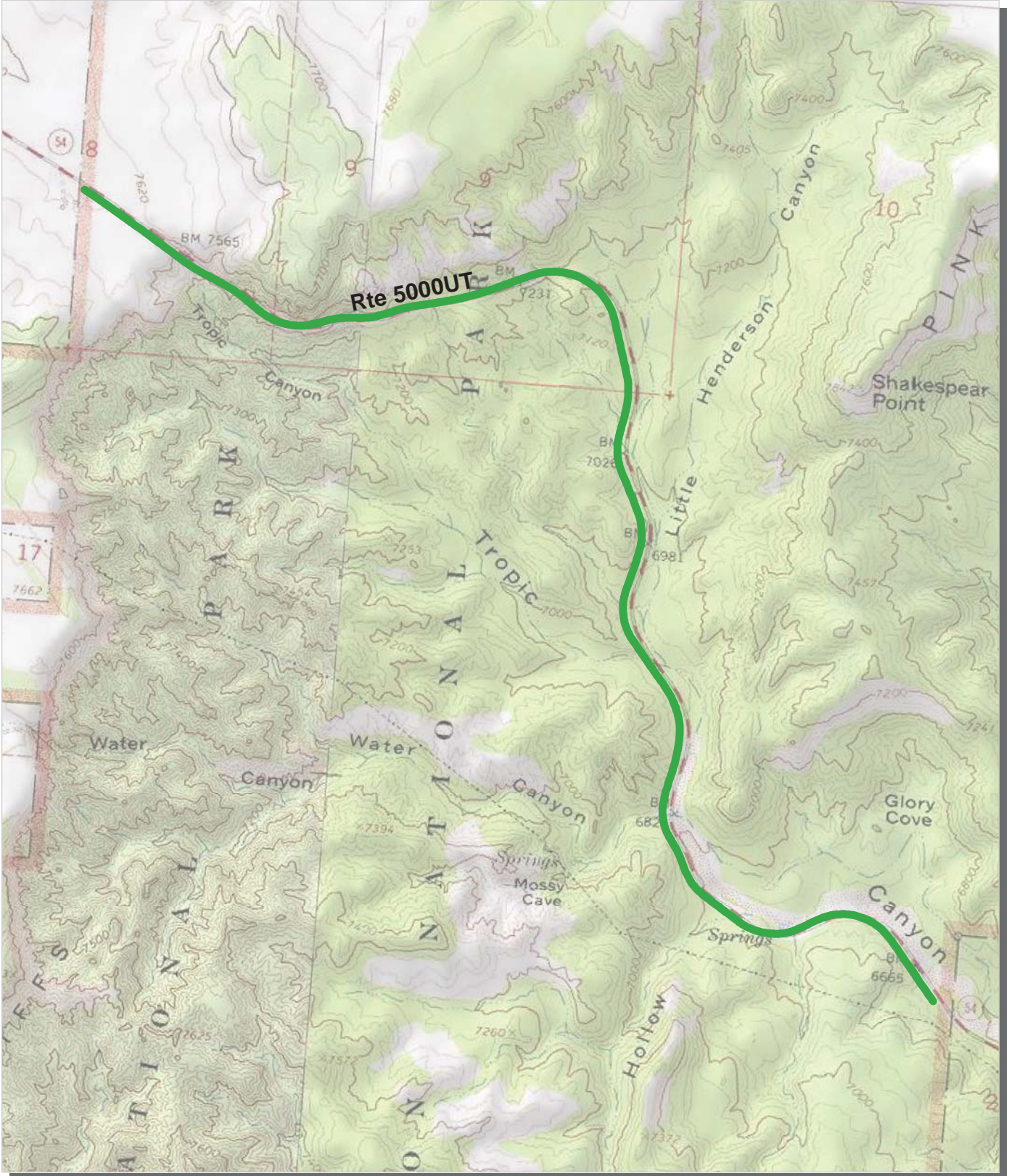
Bryce Canyon National Park Route Location Key Map



 Park Owned Routes



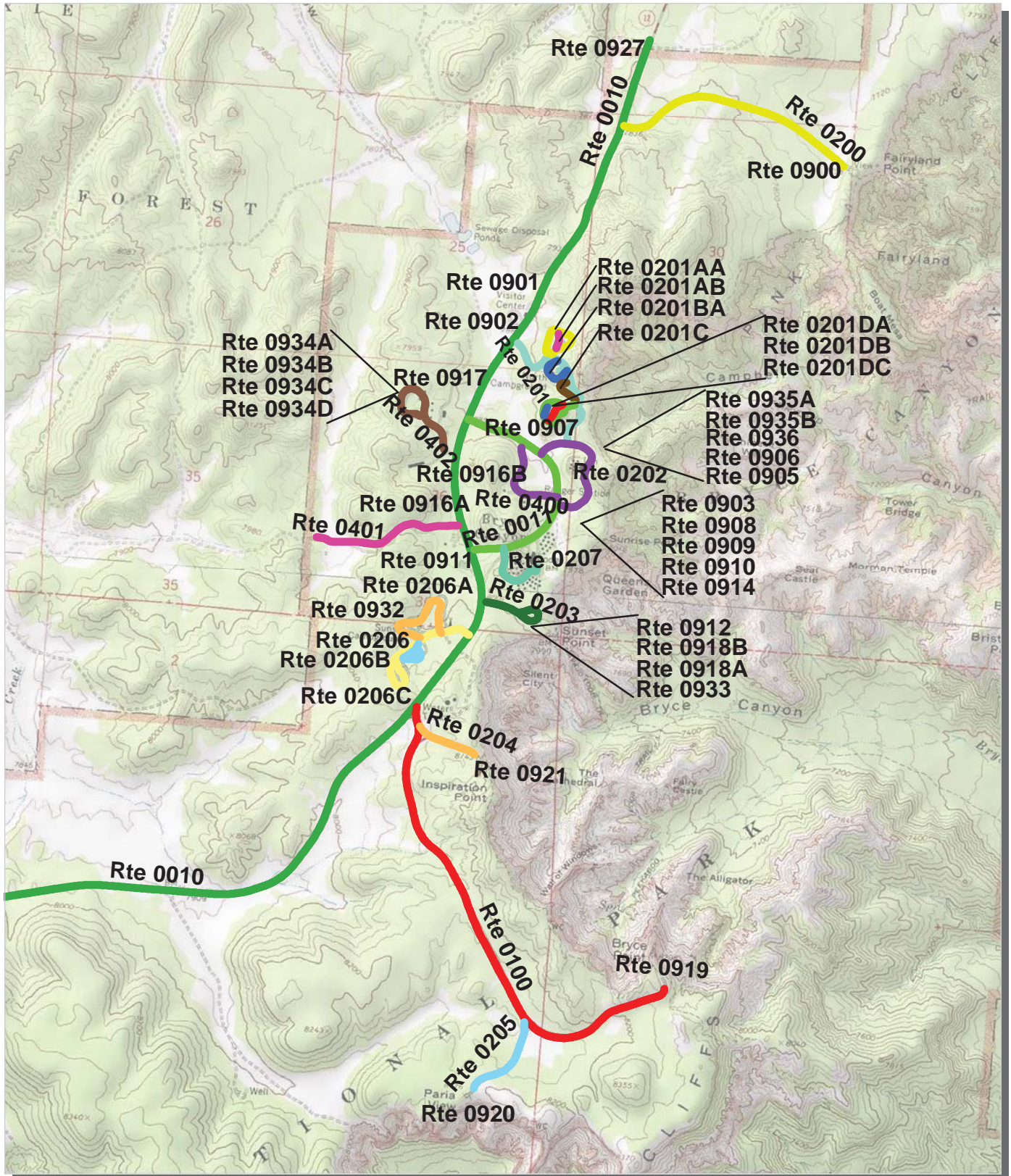
Bryce Canyon National Park Route Location Map Area 1



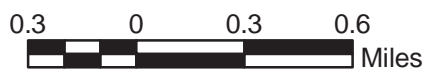
Unique colors used to differentiate routes



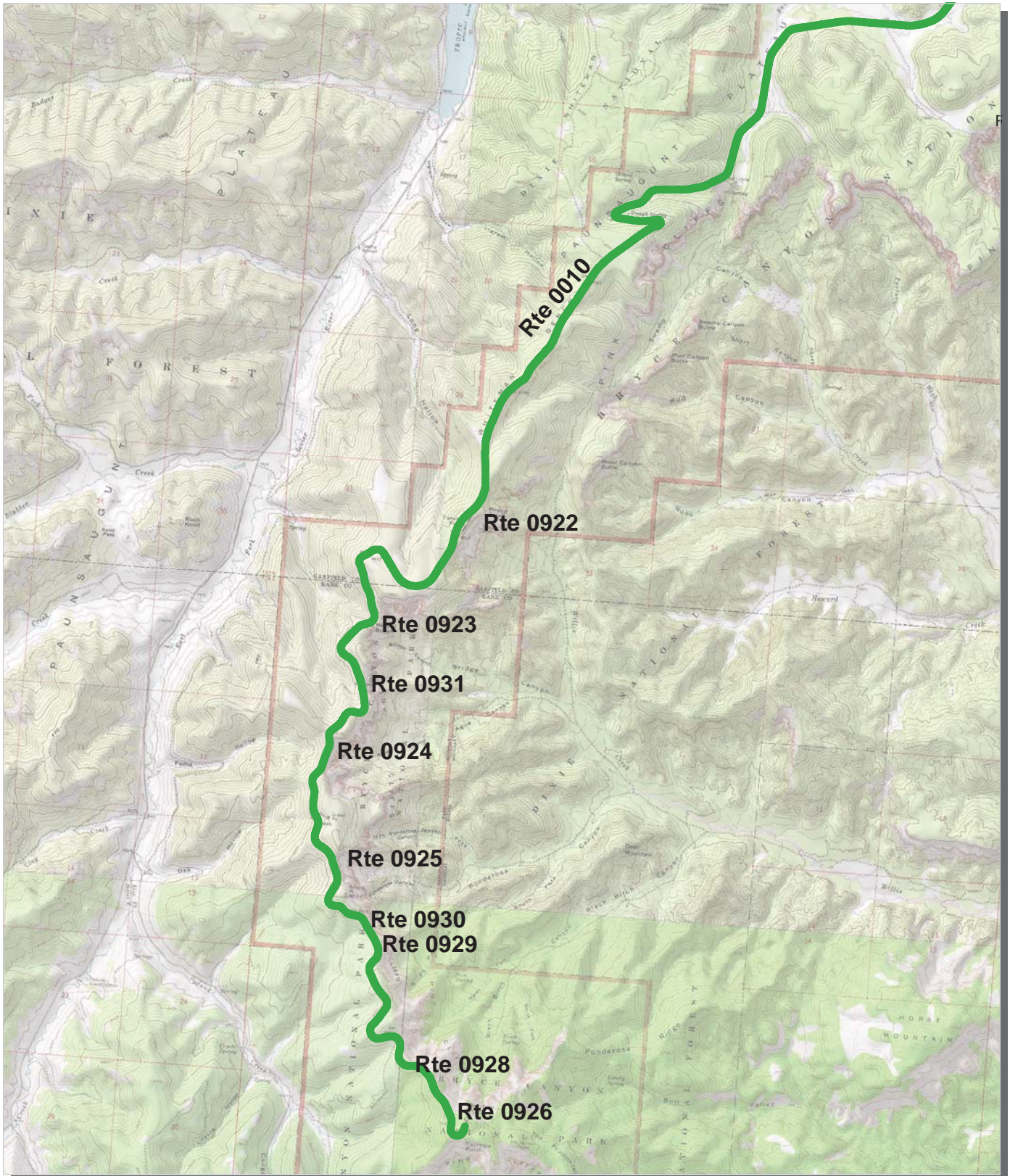
Bryce Canyon National Park Route Location Map Area 2



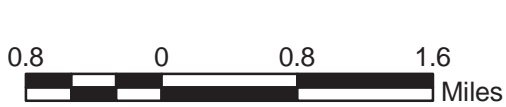
Unique colors used to differentiate routes



Bryce Canyon National Park Route Location Map Area 3



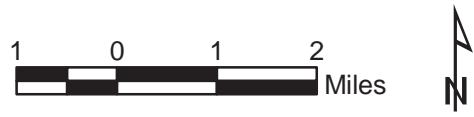
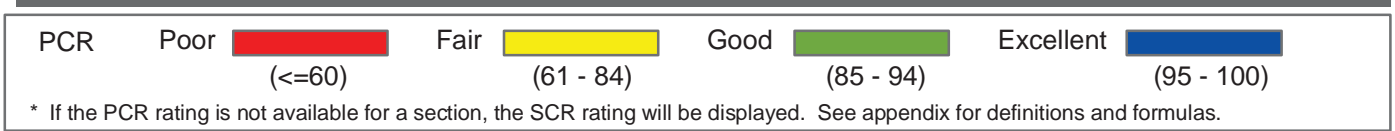
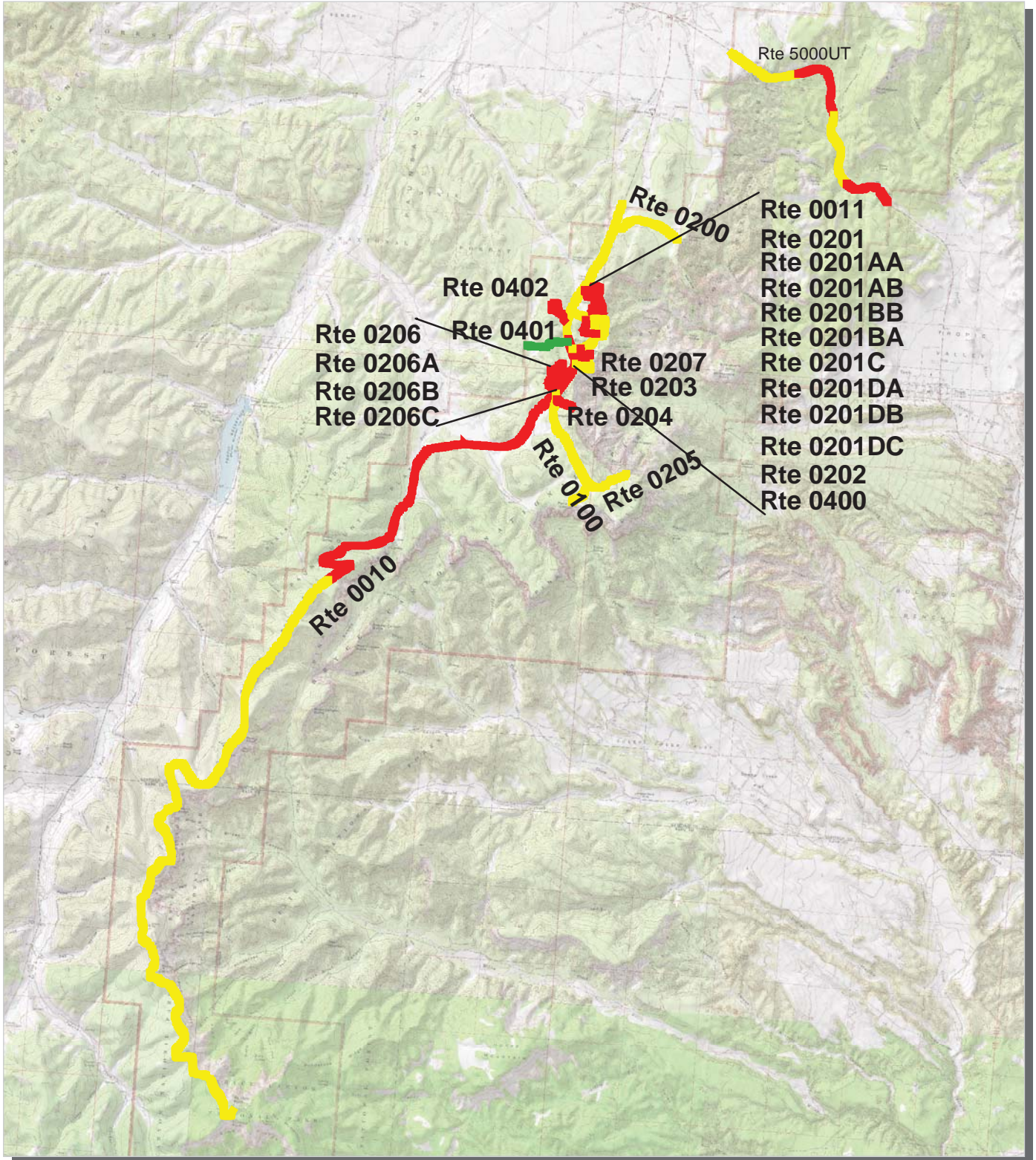
Unique colors used to differentiate routes



Bryce Canyon National Monument

Route Condition Key Map

PCR - Mile by Mile



NPS/RIP Route ID Report

(Numerical By Route #)

Shading Color Key:

Red text denotes
approx. mileage

White = Paved Routes, ARAN Driven

Yellow = Unpaved Routes, ARAN not Driven

Blue = All Paved Parking Areas

Grey = Paved Routes, ARAN not Driven

Red =

Green = All Unpaved Parking Areas

Black = Paved State, Local or Private non-NPS Routes, ARAN Driven

Purple =

BRCA

Bryce Canyon National Park

Rte. #	FMSS Asset #	Route Name	Route Description		Paved Miles	Un-Paved Miles	Rte. Lgth	Func. Class	Rte. Lanes	Manual Rated SQ/FT	Surf. Type
			From	To							
0010	45896	Rainbow Point Rim Road	From North Park Boundary	To Rainbow Point Parking Route 0926	18.02	0.00	18.02	1	2	0	AS
0011	46198	Lodge Road	From North Intersection 010	To South Intersection Route 010	0.93	0.00	0.93	1	2	0	AS
0100	46465	Bryce Point Road	From Route 0010 AT MP. 2.8	To Route 0919 BRYCE POINT Parking	1.95	0.00	1.95	1	2	0	AS
0200	45904	Fairyland Spur Road	From Route 0010 AT MP. 0.3	To Route 0900	0.97	0.00	0.97	2	2	0	AS
0201	45954	North Campground Road	From Route 0010 AT MP. 1.24 KEEPING RIGHT	To Route 0202	0.61	0.00	0.61	3	2	0	AS
0201AA		North Campground Loop Road A, Outerloop	From Route 0201	To End of Loop at Route 0201	0.29	0.00	0.29	3	1	0	AS
0201AB		North Campground Loop Road A, Connector	From Route 0201AA South End	To Route 0201AA NORTH End	0.07	0.00	0.07	3	1	0	AS
0201BA		North Campground Loop Road B, Outerloop	From Route 0201	To End of Loop at Route 0201	0.17	0.00	0.17	3	1	0	OC
0201BB		North Campground Loop Road B	From Route 0201BA East End	To Route 0201BA West End	0.04	0.00	0.04	3	1	0	OC
0201C		North Campground Loop Road C	From Route 0201	To End of Loop at Route 0201	0.14	0.00	0.14	3	1	0	OC
0201DA		North Campground Loop Road D, Outerloop	From Route 0201	To End of Loop	0.30	0.00	0.30	3	1	0	OC
0201DB		North Campground Loop Road D, Connector	From Route 0201DA South End	To Route 0201DA NORTH End	0.09	0.00	0.09	3	1	0	OC
0201DC		North Campground Loop Road D, Connector	From Route 0201DA South End	To Route 0201DA NORTH End	0.05	0.00	0.05	3	1	0	OC
0202	46281	Sunrise Point Road	From South INTERSECTION WITH Route 0011	To North INTERSECTION WITH Route 0011	0.51	0.00	0.51	2	1,2	0	AS
0203	46458	Sunset Point Road	From Route 0010 AT MP. 2.3	To End of Loop	0.34	0.00	0.34	2	1,2	0	AS
0204	46462	Inspiration Point Road	From Route 0100	To INSPIRATION POINT Parking Route 0921	0.26	0.00	0.26	2	2	0	AS
0205	46474	Paria View Road	From Route 0100	To PARIA VIEWPOINT Parking Route 0920	0.37	0.00	0.37	2	2	0	AS
0206	46216	Sunset Campground Road	From Route 0010 AT MP. 2.4	To Route 206C LOOP	0.32	0.00	0.32	3	1	0	AS
0206A		Sunset Campground Road Loop A	From Route 0206	To Route 0206	0.43	0.00	0.43	3	1	0	OC
0206B		Sunset Campground Road Loop B	From Route 0206	To End of Loop B	0.20	0.00	0.20	3	1	0	OC
0206C		Sunset Campground Road Loop C	From Route 0206	To End of Loop C	0.25	0.00	0.25	3	1	0	OC
0207	46251	Sunset Unit Road	From Route 0011	To End of Loop	0.28	0.00	0.28	3	2	0	AS
0400	45979	Historical Residential Road	From South INTERSECTION Route 011	To North INTERSECTION Route 0011	0.34	0.00	0.34	5	2	0	AS
0401	46378	Mixing Circle Road	From Route 0010 AT MP. 2.0	To End of Pavement	0.64	1.61	2.25	5	2	0	AS
0402	46337	New Residential Road	From Route 0411	Through Residence Area To End of Loop	0.48	0.00	0.48	5	2	0	AS

NPS/RIP Route ID Report

(Numerical By Route #)

Shading Color Key:
Red text denotes approx. mileage

White = Paved Routes, ARAN Driven	Yellow = Unpaved Routes, ARAN not Driven	Blue = All Paved Parking Areas
Grey = Paved Routes, ARAN not Driven	Red =	Green = All Unpaved Parking Areas
Black = Paved State, Local or Private non-NPS Routes, ARAN Driven	Purple =	

BRCA

Bryce Canyon National Park

Rte. #	FMSS Asset #	Route Name	Route Description From To	Paved Miles	Un-Paved Miles	Rte. Lgth	Func. Class	Rte. Lanes	Manual Rated SQ/FT	Surf. Type
0403	45889	Yovimpa Pass Patrol Road	From Route 0010 AT MP. 16.9	0.00	2.75	2.75	5	1	0	GR
0405		White Man Cave Patrol Park Road	From Route 0010 AT MP. 11.7	0.00	0.12	0.12	5	1	0	GR
0406		White Man Hall Road	From Route 0010 AT MP. 8.1	0.00	0.36	0.36	5	1	0	GR
0408	46024	Water Tank Spur Road	From Route 0010 AT MP. 2.5	0.00	0.48	0.48	4	1	0	GR
0409		Sewer Lagoon Road	From Route 0010 AT MP. 1.58	0.00	0.70	0.70	6	1	0	GR
0411	46445	Bryce Maintenance Yard	From Route 0010 AT MP 1.7 To End AT MAINTENANCE YARD	1.01	0.00	1.01	6	1	65,723	AS
0412	54000	Bone Yard	From Route 0401	0.27	0.00	0.27	6	1	16,002	AS
0700	46395	East Creek Road	From To	0.00	2.75	2.75	ZZ		0	GR
0900	45905	Fairyland Spur Parking	From End of Route 0200	0.00	0.00	0.00	9	1	19,303	AS
0901	45916	Administration Parking	Adjacent To Route 0010 at Fee Station	0.00	0.00	0.00	9	1	31,727	AS
0902	45918	Visitor Center Parking	Adjacent To Route 0010 at Fee Station	0.00	0.00	0.00	9	1	43,020	AS
0903	46283	Sunrise Point Parking	Adjacent To Route 0202	0.00	0.00	0.00	9	1	5,317	OC
0904	46285	Ranger Station Parking	From Route 0202 and Route 0905	0.00	0.00	0.00	9	1	2,111	OC
0905	46287	Bryce Canyon General Store Parking	From Route 0202 and Route 0904	0.00	0.00	0.00	9	1	29,666	OC
0906	45958	Picnic Parking	Adjacent To Route 0202	0.00	0.00	0.00	9	1	2,381	NC
0907	45959	North Campground Dump Station	From Route 0202	0.00	0.00	0.00	9	1	6,608	NC
0908	45974	Gas Station Parking	From Route 0011	0.00	0.00	0.00	9	1	3,739	NC
0909	46202	Sunrise Unit Parking	From Route 0011	0.00	0.00	0.00	9	1	16,249	NC
0910	46199	Lodge Parking	From Route 0011	0.00	0.00	0.00	9	1	43,804	NC
0911	46254	Additional Lodge Parking #1	From Route 0207	0.00	0.00	0.00	9	1	19,053	NC
0912	46255	Additional Lodge Parking #2	From Route 0207	0.00	0.00	0.00	9	1	4,780	NC
0913	46258	Additional Lodge Parking #3	Adjacent To Route 0207	0.00	0.00	0.00	9	1	3,043	NC
0914	46260	Lodge Service Parking	From Route 0207	0.00	0.00	0.00	9	1	8,079	AS
0916A		Historical Residence Parking A	From Route 0400 at MP 0.11	0.00	0.00	0.00	9	1	22,207	AS
0916B		Historical Residence Parking B	From Route 0400 at MP 0.14	0.00	0.00	0.00	9	1	19,682	AS
0917	46342	Mission 66 Parking	From Route 0402	0.00	0.00	0.00	9	1	14,528	OC
0918A		Sunset Point Parking	Adjacent to Route 0203 on Right	0.00	0.00	0.00	9	1	17,054	AS
0918B		Sunset Point Parking	Adjacent to Route 0203 on Left	0.00	0.00	0.00	9	1	11,465	AS
0919	46470	Bryce Point Parking	From End of Route 0100	0.00	0.00	0.00	9	1	26,599	AS
0920	46478	Paria View Parking	From End of Route 0205	0.00	0.00	0.00	9	1	11,845	AS
0921	46466	Inspiration Point Parking	From End of Route 0204	0.00	0.00	0.00	9	1	33,318	AS
0922	46460	Fairview Point Parking	Adjacent To Route 0010 at MP. 10.7	0.00	0.00	0.00	9	1	45,894	AS

NPS/RIP Route ID Report

(Numerical By Route #)

Page 3 of 4

Shading Color Key:

Red text denotes
approx. mileage

White = Paved Routes, ARAN Driven

Yellow = Unpaved Routes, ARAN not Driven

Blue = All Paved Parking Areas

Grey = Paved Routes, ARAN not Driven

Red =

Green = All Unpaved Parking Areas

Black = Paved State, Local or Private non-NPS Routes, ARAN Driven

Purple =

BRCA

Bryce Canyon National Park

Rte. #	FMSS Asset #	Route Name	Route Description		Paved Miles	Un-Paved Miles	Rte. Lgth	Func. Class	Rte. Lanes	Manual Rated SQ/FT	Surf. Type
			From	To							
0923	46454	Natural Bridge Parking	Adjacent To Route 0010 at MP. 12.5		0.00	0.00	0.00	9	1	23,304	AS
0924	46453	Agua Canyon Parking	Adjacent To Route 0010 at MP. 13.9		0.00	0.00	0.00	9	1	10,348	AS
0925	46452	Ponderosa Point Parking	Adjacent To Route 0010 at MP. 14.9		0.00	0.00	0.00	9	1	12,417	AS
0926	46436	Rainbow Point Parking	From End of Route 0010		0.00	0.00	0.00	9	1	42,754	AS
0927		North Entrance Sign Parking	Adjacent To Route 0010 at North Entrance Sign		0.00	0.00	0.00	9		15,902	AS
0928		Route 010 Pullout at MP 17.2	Adjacent To Route 0010 at MP. 17.2		0.00	0.00	0.00	9		1,816	AS
0929		Route 010 Pullout at MP 15.8	Adjacent To Route 0010 at MP 15.8		0.00	0.00	0.00	9		2,017	AS
0930		Route 010 Pullout at MP 15.6	Adjacent To Route 0010 at MP 15.6		0.00	0.00	0.00	9		1,694	AS
0931		Route 010 Pullout at MP 13.2	Adjacent To Route 0010 AT MP. 13.2		0.00	0.00	0.00	9		2,756	AS
0932		Sunset Campground Campfire Circle Parking	Adjacent To Route 0206 A		0.00	0.00	0.00	9		3,825	AS
0933		Sunset Campground Group Site Parking	Adjacent To Route 0206		0.00	0.00	0.00	9	1	5,311	AS
0934A		New Residential Parking A	Adjacent To Route 0402		0.00	0.00	0.00	9	1	826	OC
0934B		New Residential Parking B	Adjacent To Route 0402		0.00	0.00	0.00	9	1	1,006	OC
0934C		New Residential Parking C	Adjacent To Route 0402		0.00	0.00	0.00	9	1	1,106	OC
0934D		New Residential Parking D	Adjacent To Route 0402		0.00	0.00	0.00	9	1	1,206	OC
0935A		North Campground Picnic Area Parking A	Adjacent to Route 0201		0.00	0.00	0.00	9		2,847	NC
0935B		North Campground Picnic Area Parking B	Adjacent to Route 0201		0.00	0.00	0.00	9		2,015	NC
0936		North Campground Campfire Circle Parking	Adjacent To Route 0201		0.00	0.00	0.00	9		3,112	NC
5000		Utah State Route 12	From Park West Entry	To Park East Entry	3.70	0.00	3.70	1	2	0	AS
			Totals		33.03	8.77	41.80			657,458	

NPS/RIP Route ID Report

(Numerical By Route #)

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White = Paved Routes, ARAN Driven	Yellow = Unpaved Routes, ARAN not Driven	Blue = All Paved Parking Areas
Grey = Paved Routes, ARAN not Driven	Red =	Green = All Unpaved Parking Areas
Black = Paved State, Local or Private non-NPS Routes, ARAN Driven	Purple =	

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.
- Class 9 Boat Ramp - (Public and Administrative) Route Numbers 800-899.
Parking Area - (Public and Administrative) Route Numbers 900-1999.

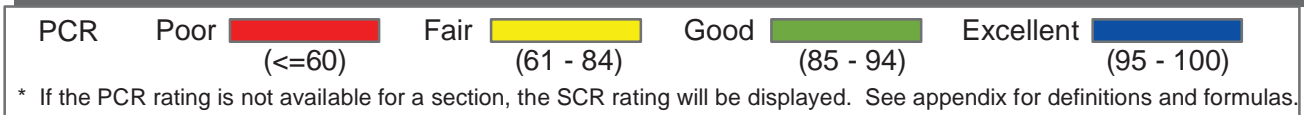
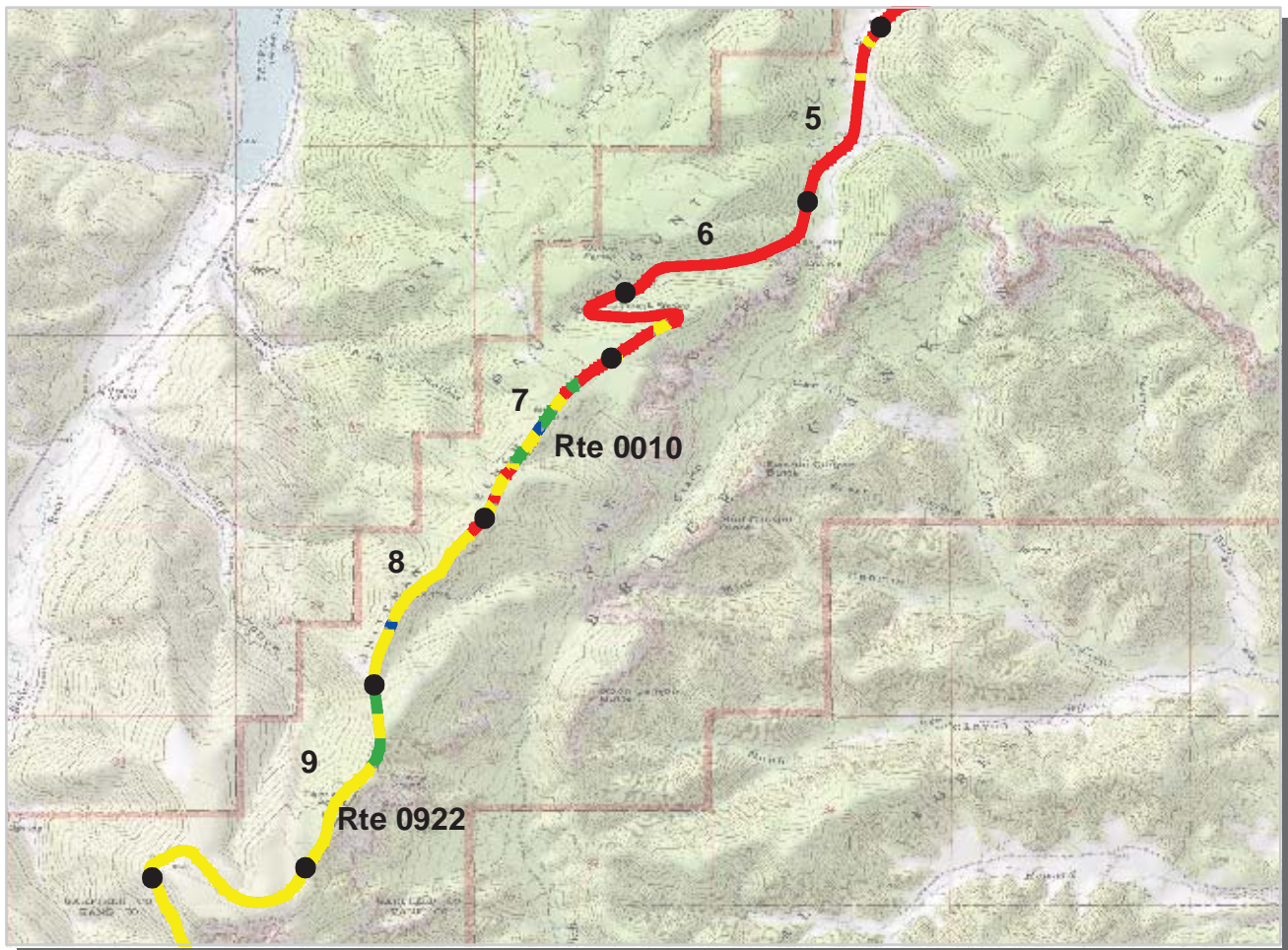
Surface Type Abbreviations:

- AS - Asphaltic Concrete Pavement
- CO - Portland Cement Concrete Pavement
- NC - New Chip Seal Pavement (Under 5 Years)
- OC - Old Chip Seal Pavement (5 Years and Greater)
- SS - Slurry Seal Pavement
- GR - Gravel Road Bed
- BR - Brick or Pavers Road Bed
- CB - Cobble Stone Road Bed
- SA - Sand Road Bed
- DT - Dirt or Native Material Road Bed
- OT - Other Materials Road Bed

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

The historic route numbering system also included a 300 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.

ZZ Functional Class Routes were added from FMSS Database. Final Route Number and Functional Class will be established during Park visit for Cycle 4 data collection.



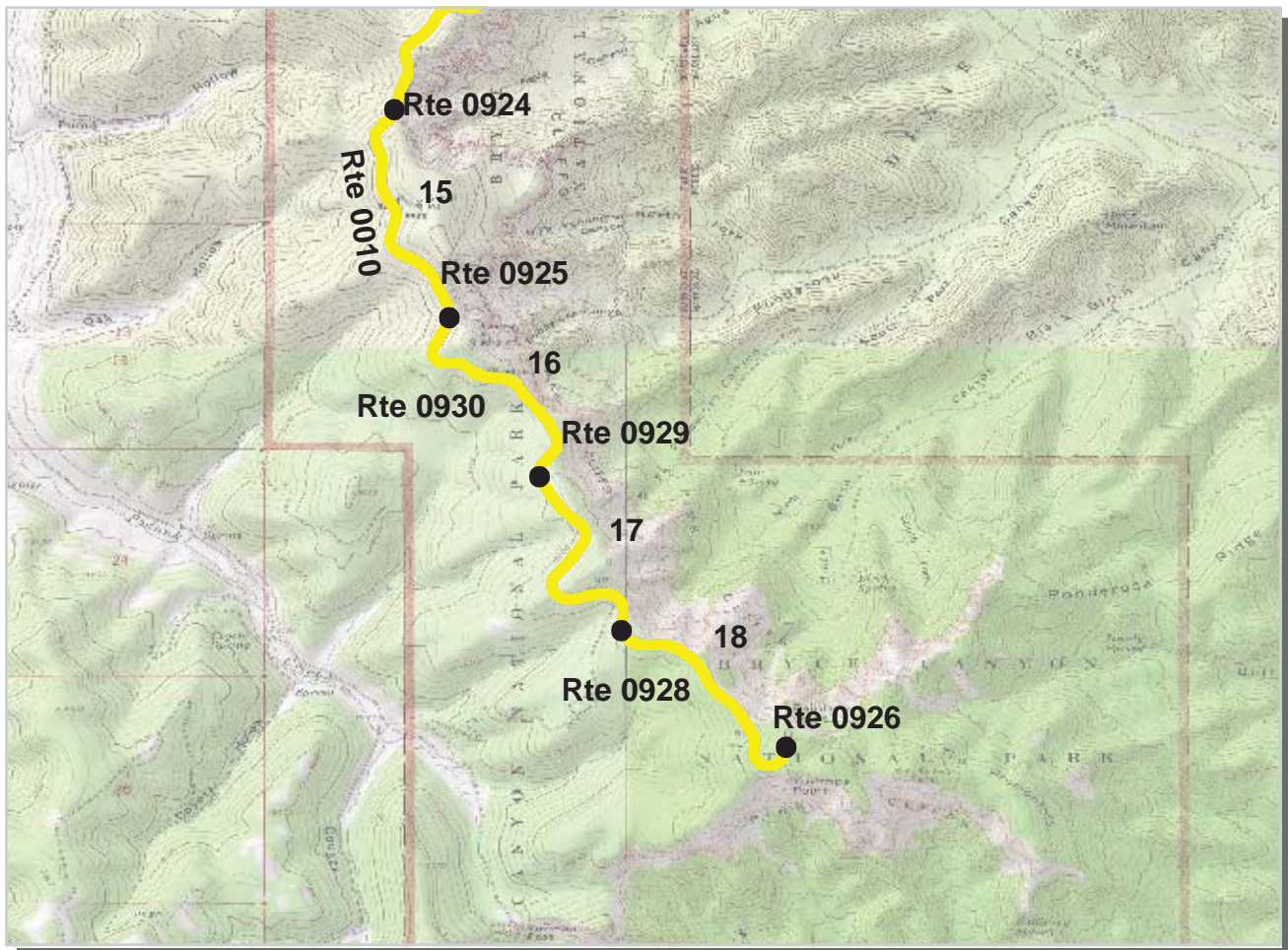
Intermountain Region
BRCA : Bryce Canyon National Park

ROUTE: 0010 Rainbow Point Rim Road **TOTAL LENGTH: 18.02 Miles**

Section Number	5	6	7	8	9
Section Length (mi)	1.00	1.00	1.00	1.00	1.00
AADT	**				
SADT	**				
ADT Date	**				
Cross Section Information					
Number of Lanes	2	2	2	2	2
Paved Width (ft)	20	19	21	20	21
Lane Width (ft)	10	10	10	10	11
Shoulder Width (ft)	6	6	0	5	5
Roadway Condition Information					
PCR (Pavement Condition Rating)	49	48	46	66	72
RCI (Roughness Condition Index)	67	75	68	84	82
SCR (Surface Condition Rating)	37	30	31	54	65
Alligator Cracking Index	99	97	94	81	94
Rutting Index	57	59	61	84	80
Patching Index	99	100	100	98	100
Transverse Cracking Index	85	83	82	93	98
Longitudinal Cracking Index	94	89	91	91	92
Shoulder Condition Rating	GOOD	GOOD	N/A	GOOD	GOOD
Drainage Condition Rating	GOOD	GOOD	GOOD	GOOD	GOOD

ROUTE: 0010 Rainbow Point Rim Road

* NC designates data not collected NA designates not applicable
 ** See website for traffic data: <http://www.efl.fhwa.dot.gov/nps/index.htm>



ROUTE: 0010 Rainbow Point Rim Road

PCR Poor ■ Fair ■ Good ■ Excellent ■
 (≤60) (61 - 84) (85 - 94) (95 - 100)

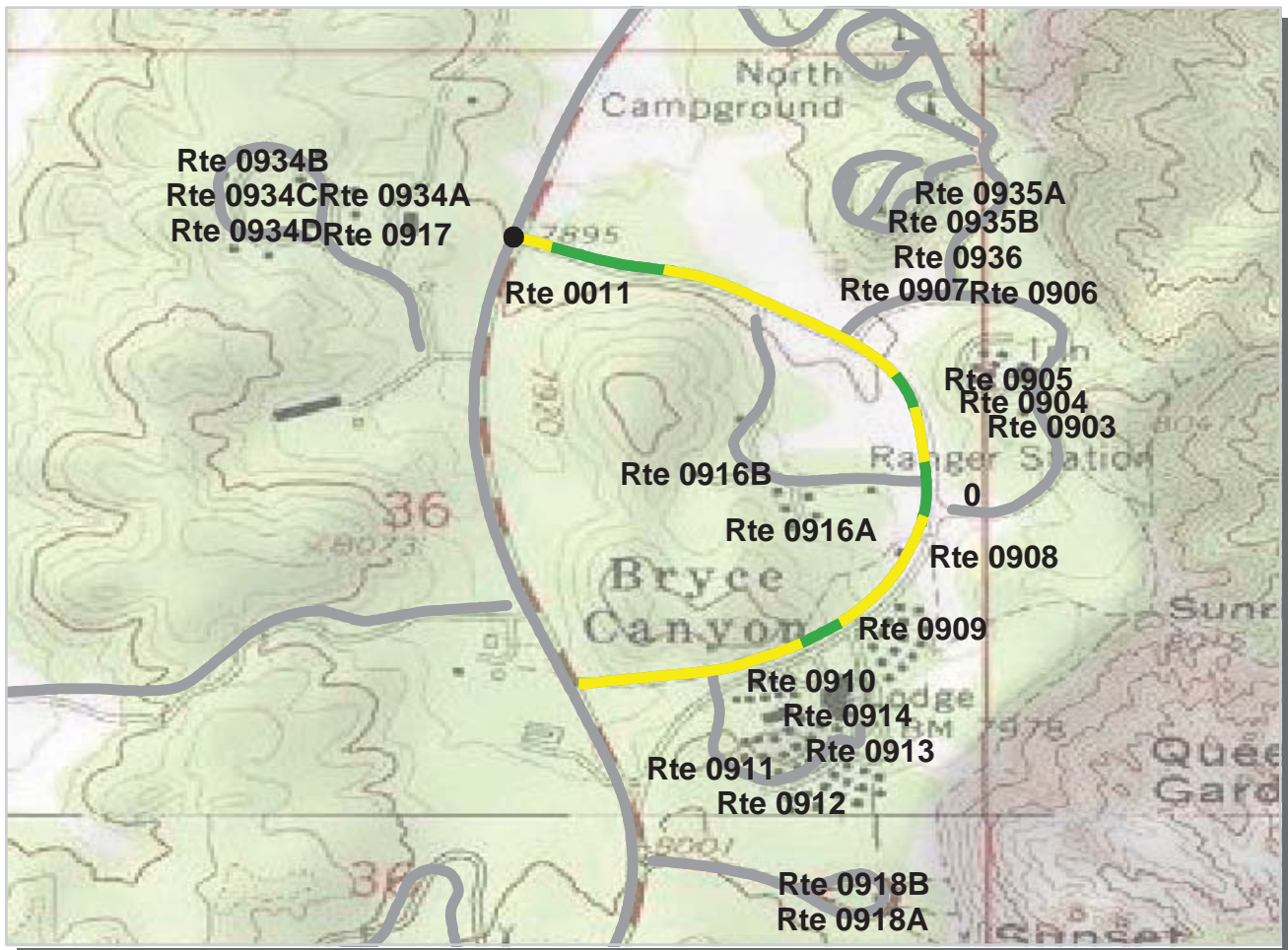
* If the PCR rating is not available for a section, the SCR rating will be displayed. See appendix for definitions and formulas.

Intermountain Region
BRCA : Bryce Canyon National Park

ROUTE: 0010 Rainbow Point Rim Road **TOTAL LENGTH: 18.02 Miles**

Section Number	15	16	17	18	
Section Length (mi)	1.00	1.00	1.00	0.02	
AADT	**				
SADT	**				
ADT Date	**				
Cross Section Information					
Number of Lanes	2	2	2	2	
Paved Width (ft)	24	22	23	26	
Lane Width (ft)	12	11	12	11	
Shoulder Width (ft)	6	7	7	5	
Roadway Condition Information					
PCR (Pavement Condition Rating)	71	73	76	89	
RCI (Roughness Condition Index)	98	97	99	100	
SCR (Surface Condition Rating)	53	57	60	82	
Alligator Cracking Index	100	100	100	100	
Rutting Index	53	57	60	83	
Patching Index	100	100	100	100	
Transverse Cracking Index	100	100	100	99	
Longitudinal Cracking Index	99	99	99	100	
Shoulder Condition Rating	GOOD	GOOD	GOOD	GOOD	
Drainage Condition Rating	GOOD	GOOD	GOOD	GOOD	

* NC designates data not collected NA designates not applicable
 ** See website for traffic data: <http://www.efl.fhwa.dot.gov/nps/index.htm>



PCR	Poor	Fair	Good	Excellent
	(≤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.

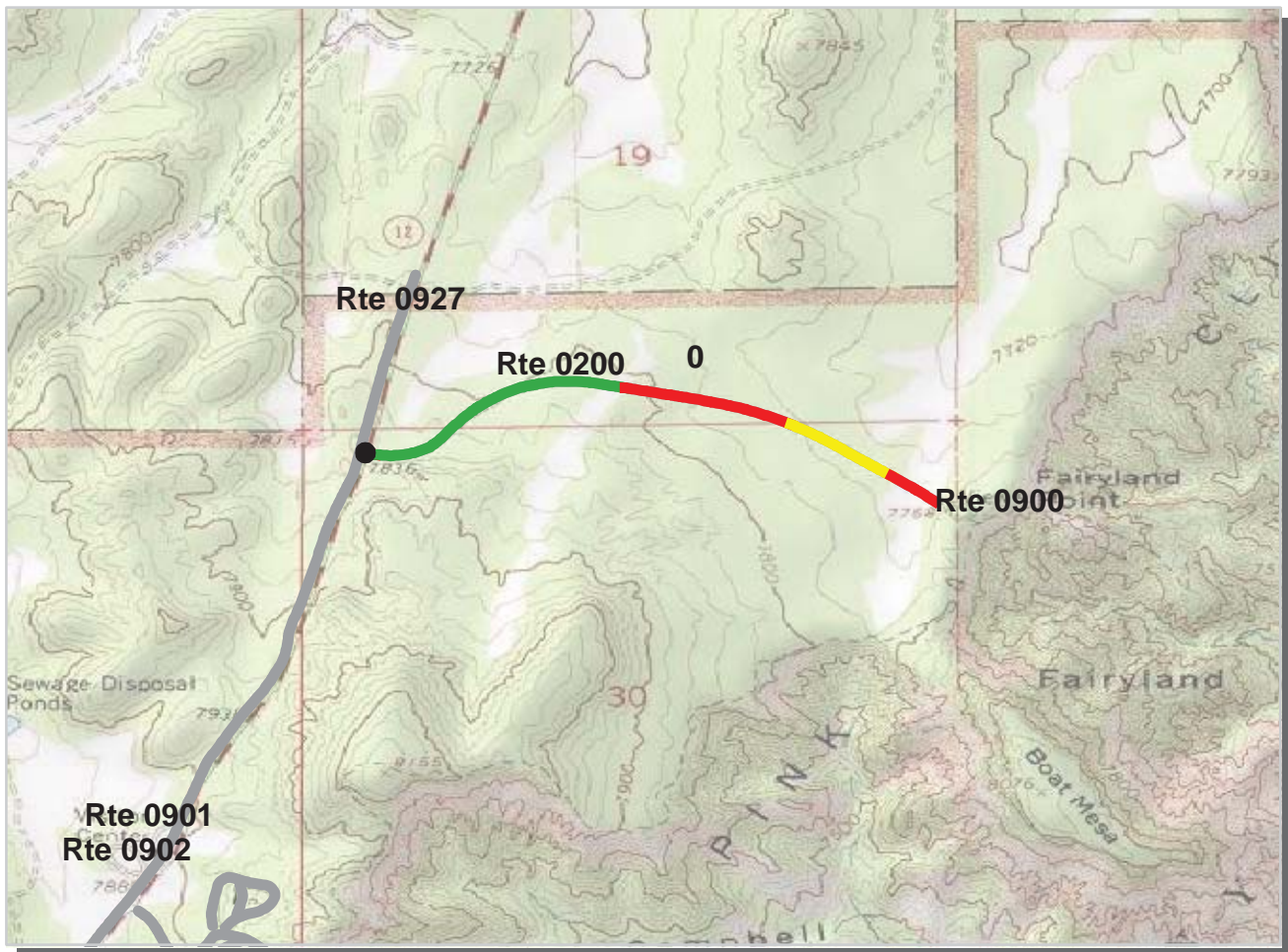
Intermountain Region
BRCA : Bryce Canyon National Park

ROUTE: 0011 Lodge Road **TOTAL LENGTH: 0.93 Miles**

Section Number	0				
Section Length (mi)	0.93				
AADT	**				
SADT	**				
ADT Date	**				
Cross Section Information					
Number of Lanes	2				
Paved Width (ft)	21				
Lane Width (ft)	11				
Shoulder Width (ft)	4				
Roadway Condition Information					
PCR (Pavement Condition Rating)	79				
RCI (Roughness Condition Index)	95				
SCR (Surface Condition Rating)	70				
Alligator Cracking Index	100				
Rutting Index	72				
Patching Index	99				
Transverse Cracking Index	98				
Longitudinal Cracking Index	99				
Shoulder Condition Rating	GOOD				
Drainage Condition Rating	GOOD				

* NC designates data not collected NA designates not applicable
 ** See website for traffic data: <http://www.efl.fhwa.dot.gov/nps/index.htm>

ROUTE: 0011 Lodge Road



PCR Poor ■ Fair ■ Good ■ Excellent ■
 (<=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.

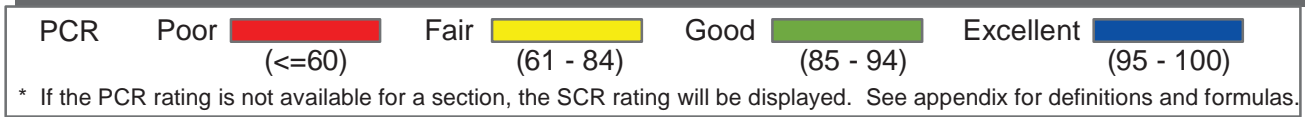
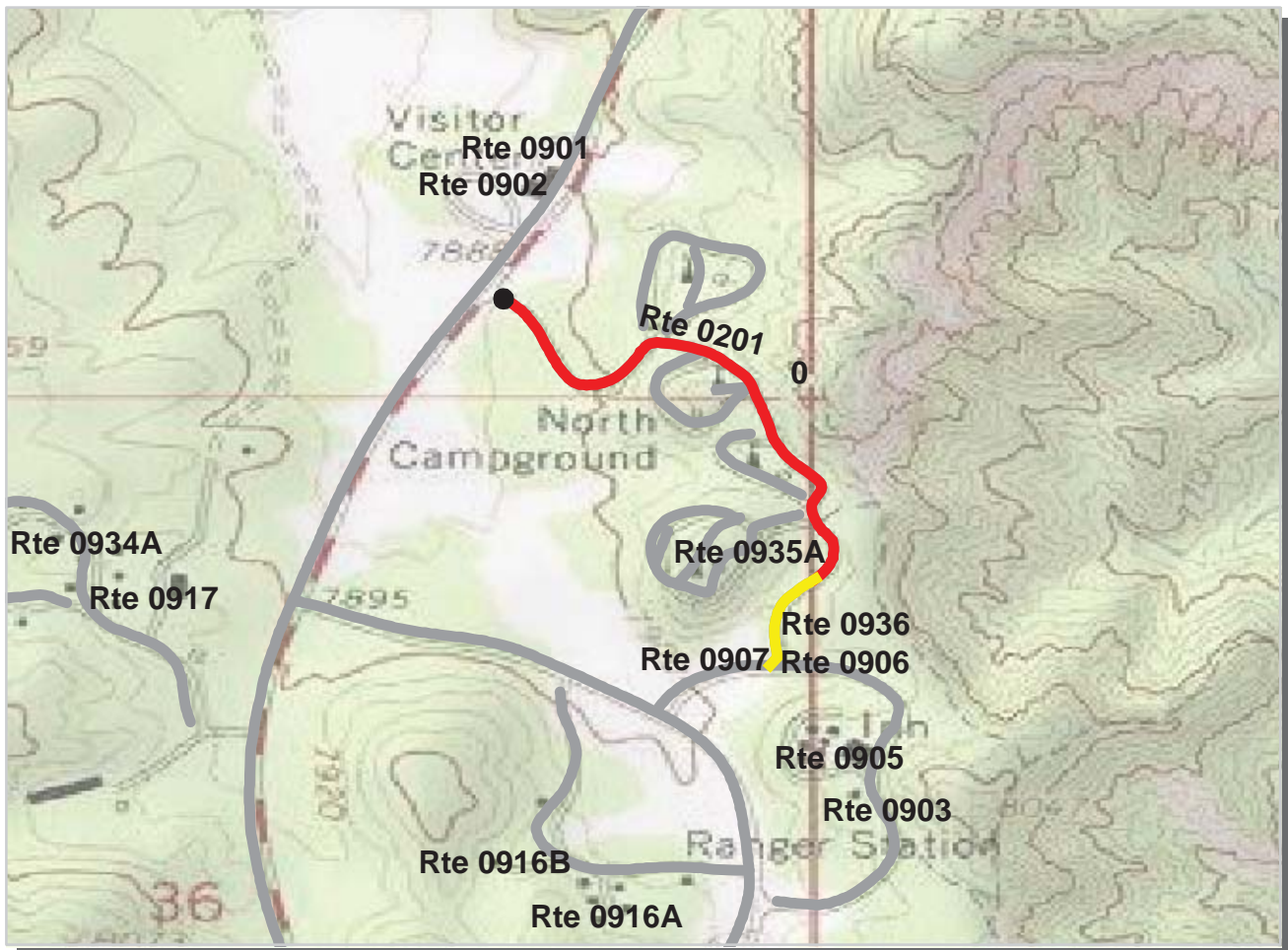
Intermountain Region
BRCA : Bryce Canyon National Park

ROUTE: 0200 Fairyland Spur Road **TOTAL LENGTH: 0.97 Miles**

Section Number	0				
Section Length (mi)	0.97				
AADT	**				
SADT	**				
ADT Date	**				
Cross Section Information					
Number of Lanes	2				
Paved Width (ft)	22				
Lane Width (ft)	11				
Shoulder Width (ft)	0				
Roadway Condition Information					
PCR (Pavement Condition Rating)	69				
RCI (Roughness Condition Index)	71				
SCR (Surface Condition Rating)	68				
Alligator Cracking Index	100				
Rutting Index	74				
Patching Index	100				
Transverse Cracking Index	95				
Longitudinal Cracking Index	98				
Shoulder Condition Rating	N/A				
Drainage Condition Rating	GOOD				

* NC designates data not collected NA designates not applicable
 ** See website for traffic data: <http://www.efl.fhwa.dot.gov/nps/index.htm>

ROUTE: 0200 Fairyland Spur Road



Intermountain Region

BRCA : Bryce Canyon National Park

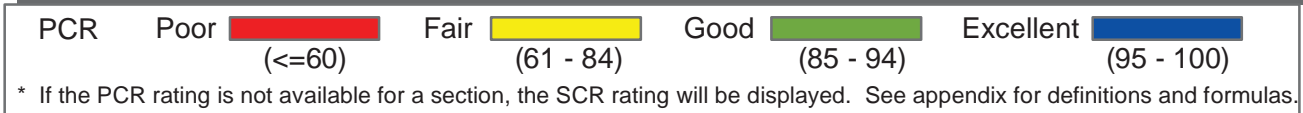
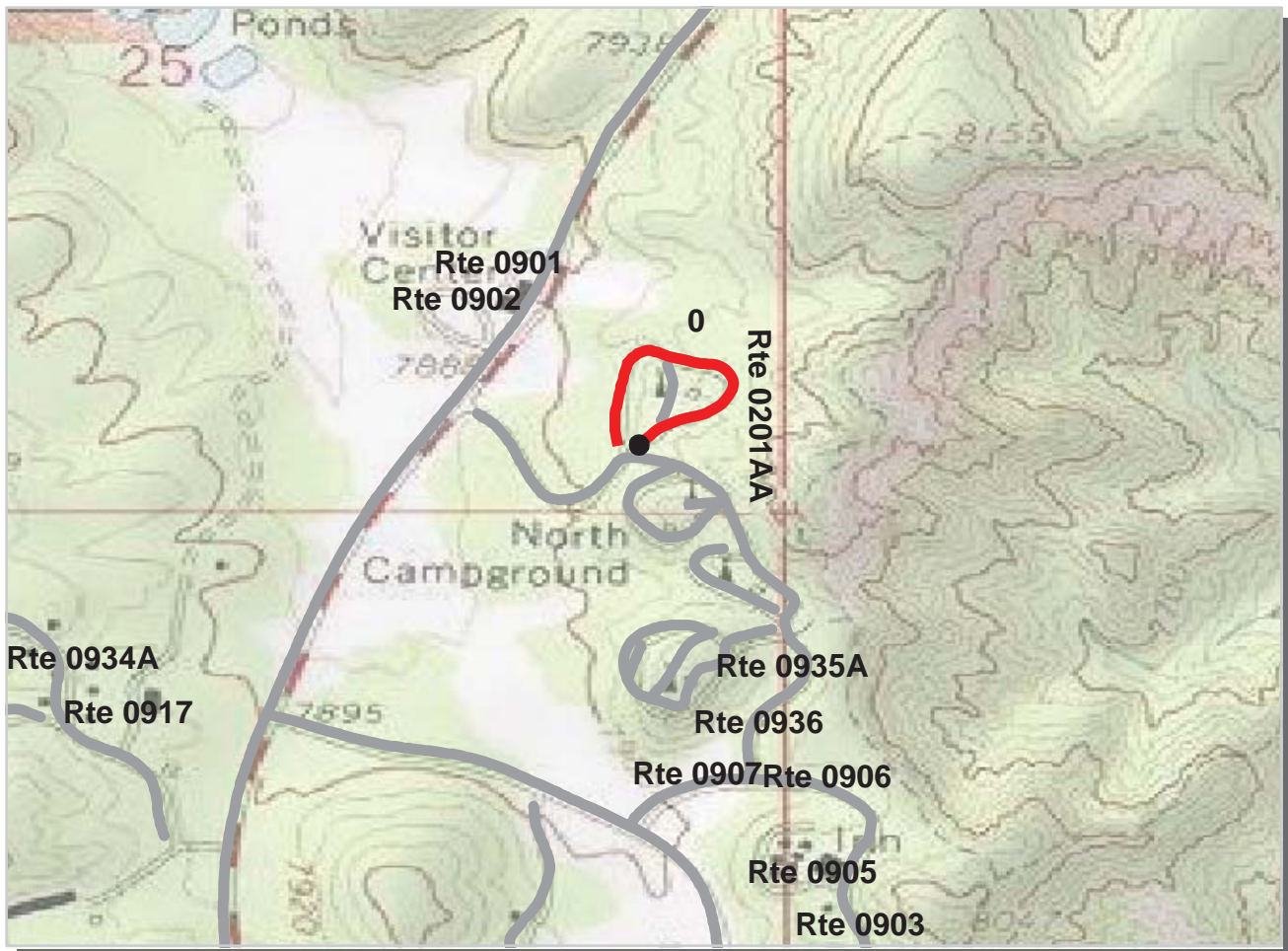
ROUTE: 0201 North Campground Road

TOTAL LENGTH: 0.61 Miles

Section Number	0				
Section Length (mi)	0.61				
AADT	**				
SADT	**				
ADT Date	**				
Cross Section Information					
Number of Lanes	2				
Paved Width (ft)	19				
Lane Width (ft)	9				
Shoulder Width (ft)	5				
Roadway Condition Information					
PCR (Pavement Condition Rating)	16				
RCI (Roughness Condition Index)	46				
SCR (Surface Condition Rating)	14				
Alligator Cracking Index	30				
Rutting Index	53				
Patching Index	96				
Transverse Cracking Index	90				
Longitudinal Cracking Index	95				
Shoulder Condition Rating	GOOD				
Drainage Condition Rating	GOOD				

ROUTE: 0201 North Campground Road

* NC designates data not collected NA designates not applicable
 ** See website for traffic data: <http://www.efl.fhwa.dot.gov/nps/index.htm>



Intermountain Region

BRCA : Bryce Canyon National Park

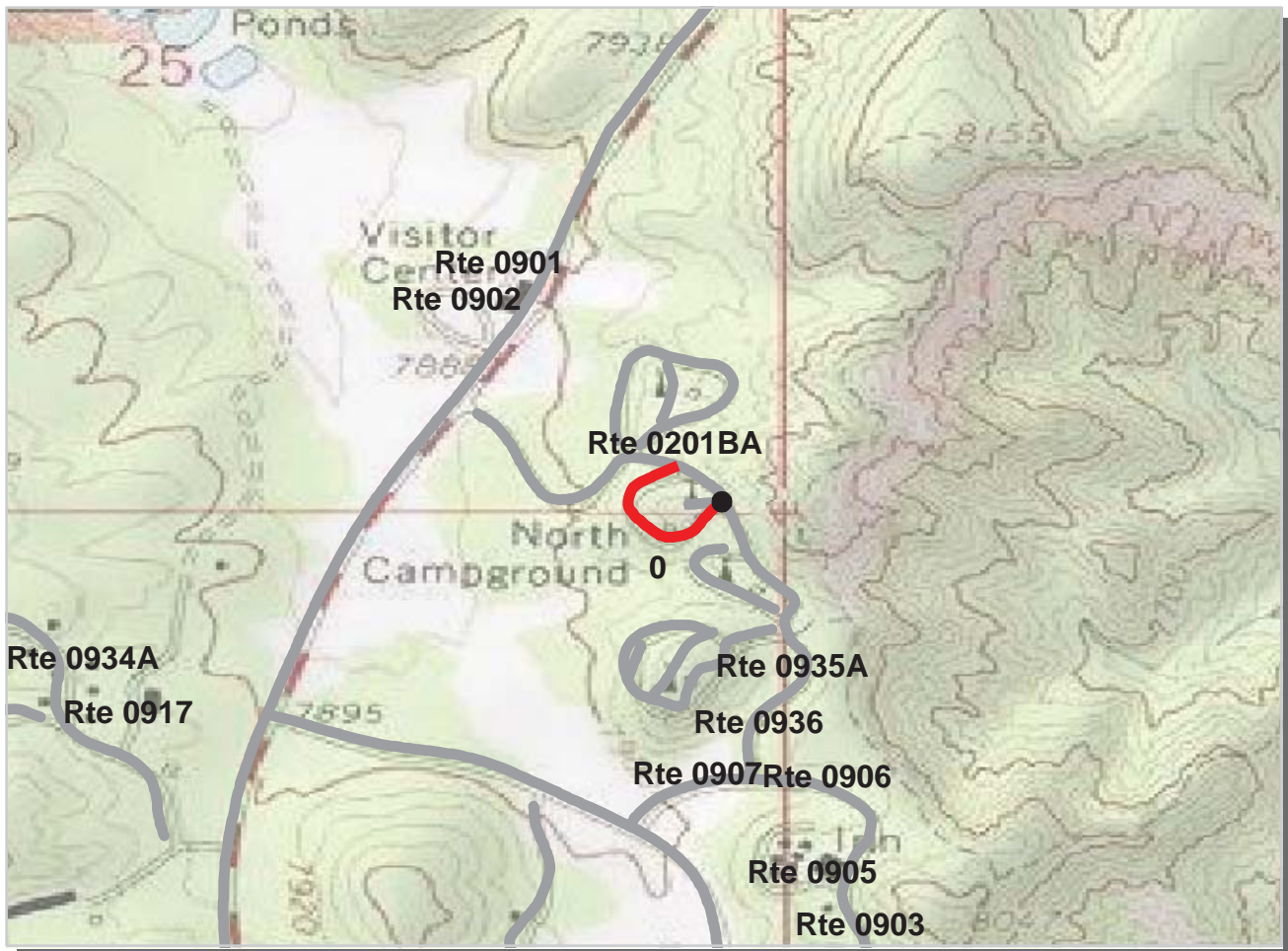
ROUTE: 0201AA North Campground Loop Road A, Outerloop TOTAL LENGTH: 0.29 Miles

Section Number	0				
Section Length (mi)	0.29				
AADT	**				
SADT	**				
ADT Date	**				
Cross Section Information					
Number of Lanes	2				
Paved Width (ft)	19				
Lane Width (ft)	10				
Shoulder Width (ft)	3				
Roadway Condition Information					
PCR (Pavement Condition Rating)	1				
RCI (Roughness Condition Index)	NC				
SCR (Surface Condition Rating)	1				
Alligator Cracking Index	7				
Rutting Index	42				
Patching Index	99				
Transverse Cracking Index	97				
Longitudinal Cracking Index	98				
Shoulder Condition Rating	GOOD				
Drainage Condition Rating	GOOD				

* NC designates data not collected NA designates not applicable

** See website for traffic data: <http://www.efl.fhwa.dot.gov/nps/index.htm>

ROUTE: 0201AA North Campground Loop Road A, Outerloop



PCR Poor ■ Fair ■ Good ■ Excellent ■
 (<=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.

Intermountain Region
BRCA : Bryce Canyon National Park

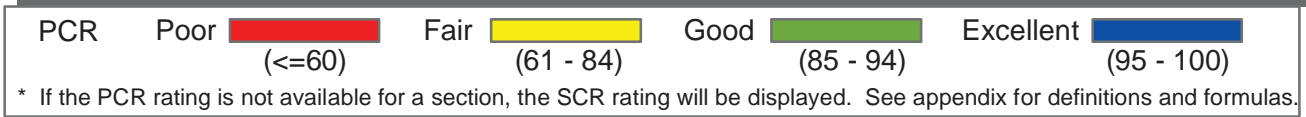
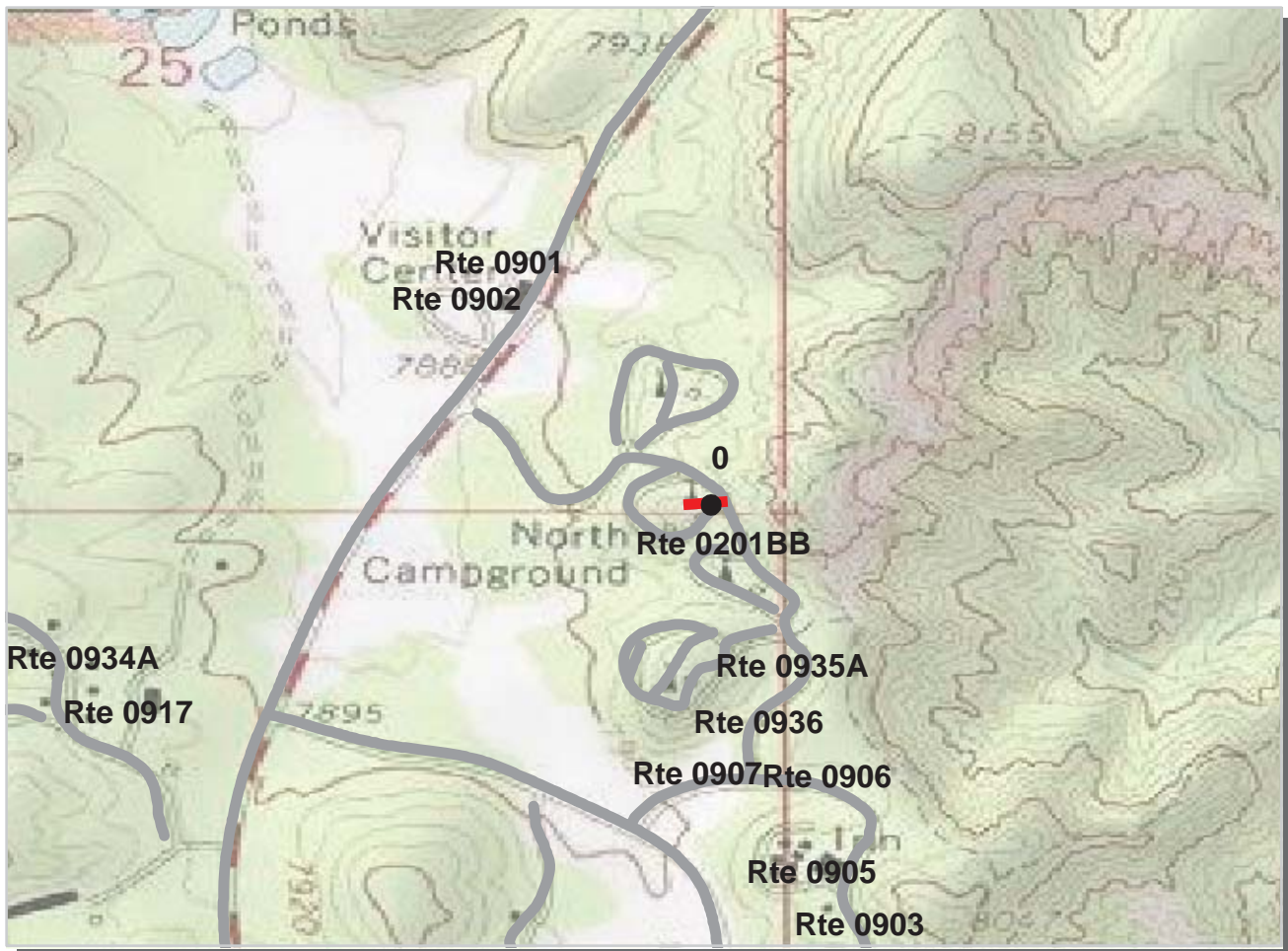
ROUTE: 0201BA North Campground Loop Road B, Outerloop TOTAL LENGTH: 0.17 Miles

Section Number	0				
Section Length (mi)	0.17				
AADT	**				
SADT	**				
ADT Date	**				
Cross Section Information					
Number of Lanes	1				
Paved Width (ft)	9				
Lane Width (ft)	9				
Shoulder Width (ft)	0				
Roadway Condition Information					
PCR (Pavement Condition Rating)	0				
RCI (Roughness Condition Index)	NC				
SCR (Surface Condition Rating)	0				
Alligator Cracking Index	2				
Rutting Index	35				
Patching Index	99				
Transverse Cracking Index	90				
Longitudinal Cracking Index	93				
Shoulder Condition Rating	N/A				
Drainage Condition Rating	GOOD				

* NC designates data not collected NA designates not applicable
 ** See website for traffic data: <http://www.efl.fhwa.dot.gov/nps/index.htm>



ROUTE: 0201BA North Campground Loop Road B, Outerloop



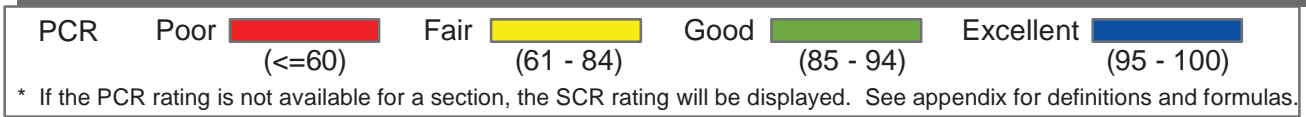
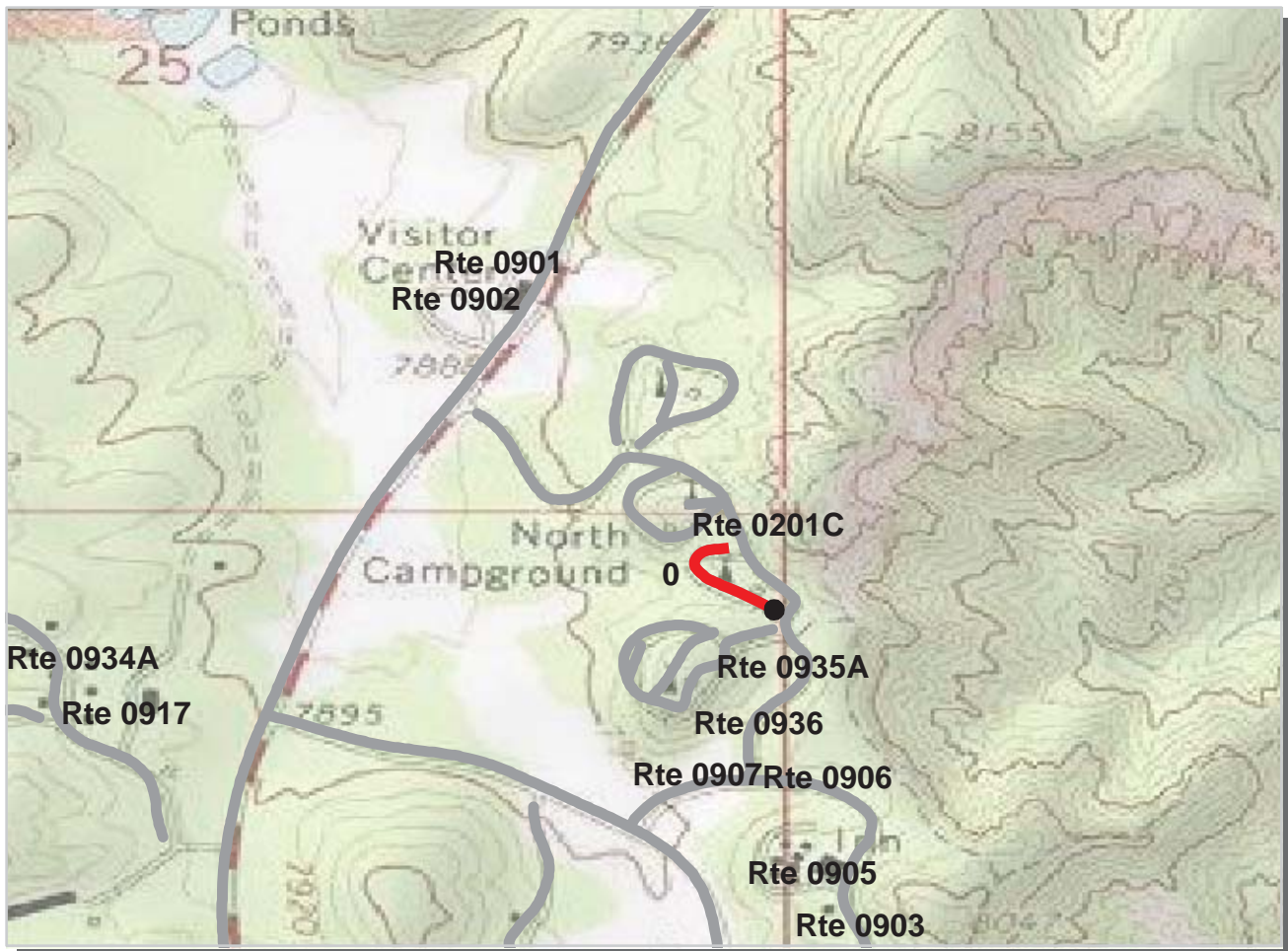
Intermountain Region
BRCA : Bryce Canyon National Park

ROUTE: 0201BB North Campground Loop Road B **TOTAL LENGTH: 0.04 Miles**

Section Number	0			
Section Length (mi)	0.04			
AADT	**			
SADT	**			
ADT Date	**			
Cross Section Information				
Number of Lanes	1			
Paved Width (ft)	12			
Lane Width (ft)	12			
Shoulder Width (ft)	0			
Roadway Condition Information				
PCR (Pavement Condition Rating)	0			
RCI (Roughness Condition Index)	NC			
SCR (Surface Condition Rating)	0			
Alligator Cracking Index	35			
Rutting Index	25			
Patching Index	99			
Transverse Cracking Index	83			
Longitudinal Cracking Index	92			
Shoulder Condition Rating	N/A			
Drainage Condition Rating	GOOD			

ROUTE: 0201BB North Campground Loop Road B

* NC designates data not collected NA designates not applicable
 ** See website for traffic data: <http://www.efl.fhwa.dot.gov/nps/index.htm>



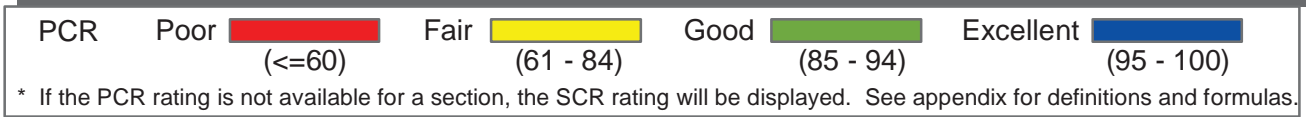
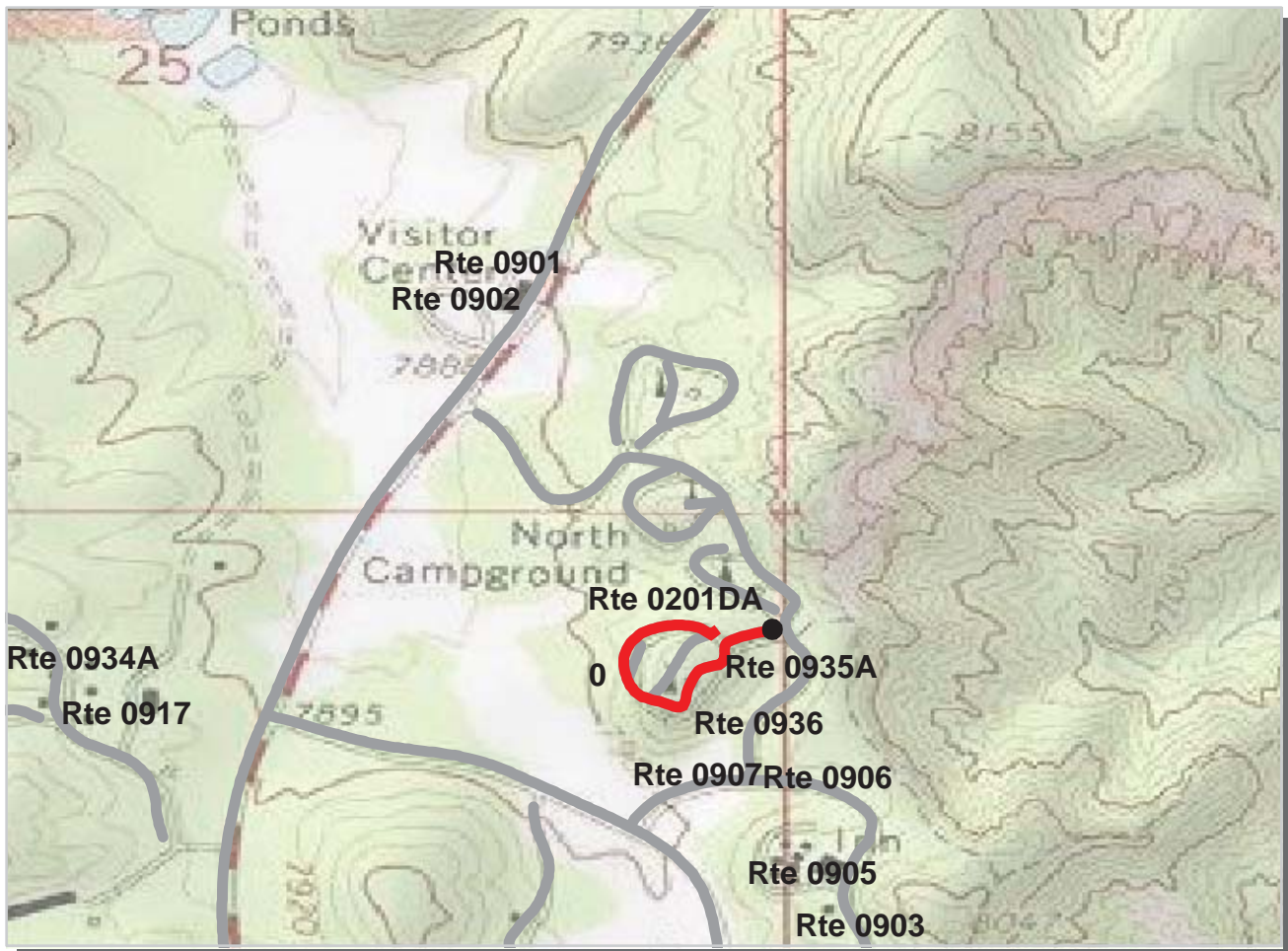
Intermountain Region
BRCA : Bryce Canyon National Park

ROUTE: 0201C North Campground Loop Road C **TOTAL LENGTH: 0.14 Miles**

Section Number	0				
Section Length (mi)	0.14				
AADT	**				
SADT	**				
ADT Date	**				
Cross Section Information					
Number of Lanes	1				
Paved Width (ft)	11				
Lane Width (ft)	11				
Shoulder Width (ft)	0				
Roadway Condition Information					
PCR (Pavement Condition Rating)	0				
RCI (Roughness Condition Index)	NC				
SCR (Surface Condition Rating)	0				
Alligator Cracking Index	19				
Rutting Index	33				
Patching Index	95				
Transverse Cracking Index	97				
Longitudinal Cracking Index	97				
Shoulder Condition Rating	N/A				
Drainage Condition Rating	GOOD				

* NC designates data not collected NA designates not applicable
 ** See website for traffic data: <http://www.efl.fhwa.dot.gov/nps/index.htm>

ROUTE: 0201C North Campground Loop Road C



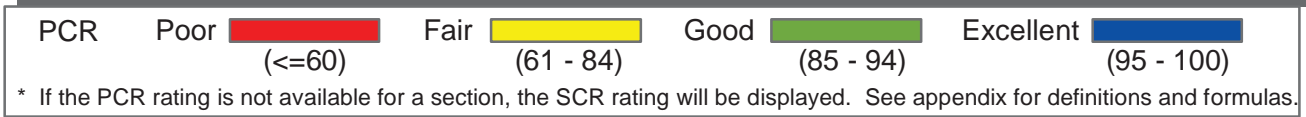
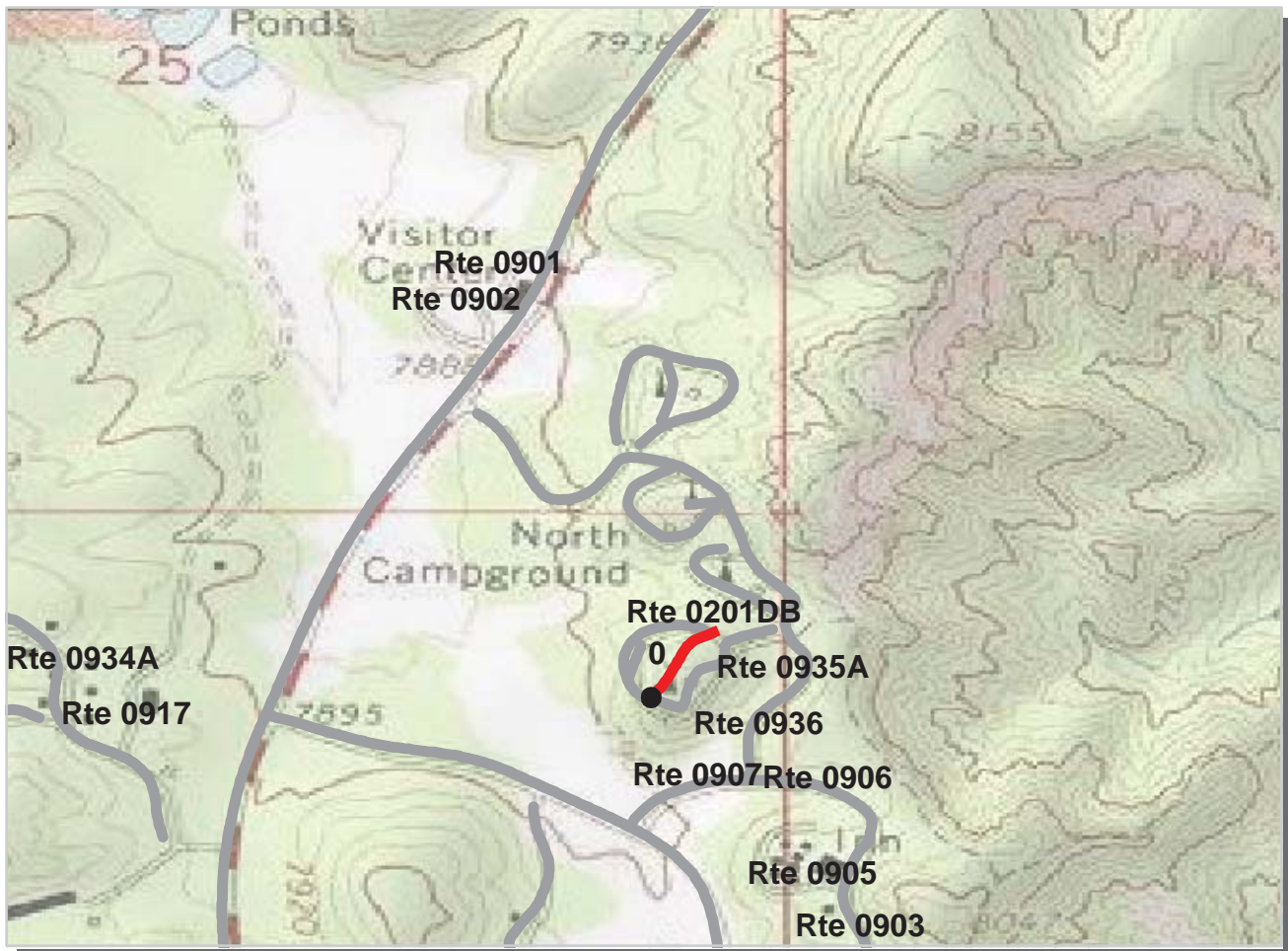
**Intermountain Region
BRCA : Bryce Canyon National Park**

ROUTE: 0201DA North Campground Loop Road D, Outerloop TOTAL LENGTH: 0.30 Miles

Section Number	0				
Section Length (mi)	0.30				
AADT	**				
SADT	**				
ADT Date	**				
Cross Section Information					
Number of Lanes	2				
Paved Width (ft)	16				
Lane Width (ft)	8				
Shoulder Width (ft)	0				
Roadway Condition Information					
PCR (Pavement Condition Rating)	0				
RCI (Roughness Condition Index)	NC				
SCR (Surface Condition Rating)	0				
Alligator Cracking Index	6				
Rutting Index	28				
Patching Index	95				
Transverse Cracking Index	93				
Longitudinal Cracking Index	94				
Shoulder Condition Rating	N/A				
Drainage Condition Rating	GOOD				

* NC designates data not collected NA designates not applicable
** See website for traffic data: <http://www.efl.fhwa.dot.gov/nps/index.htm>

ROUTE: 0201DA North Campground Loop Road D, O



**Intermountain Region
BRCA : Bryce Canyon National Park**

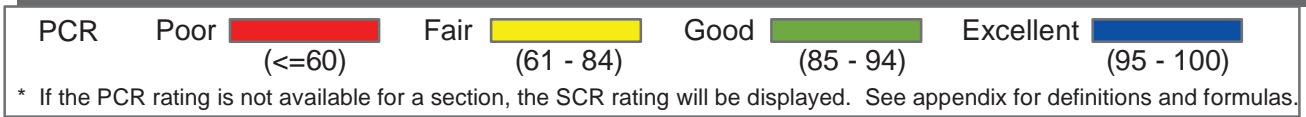
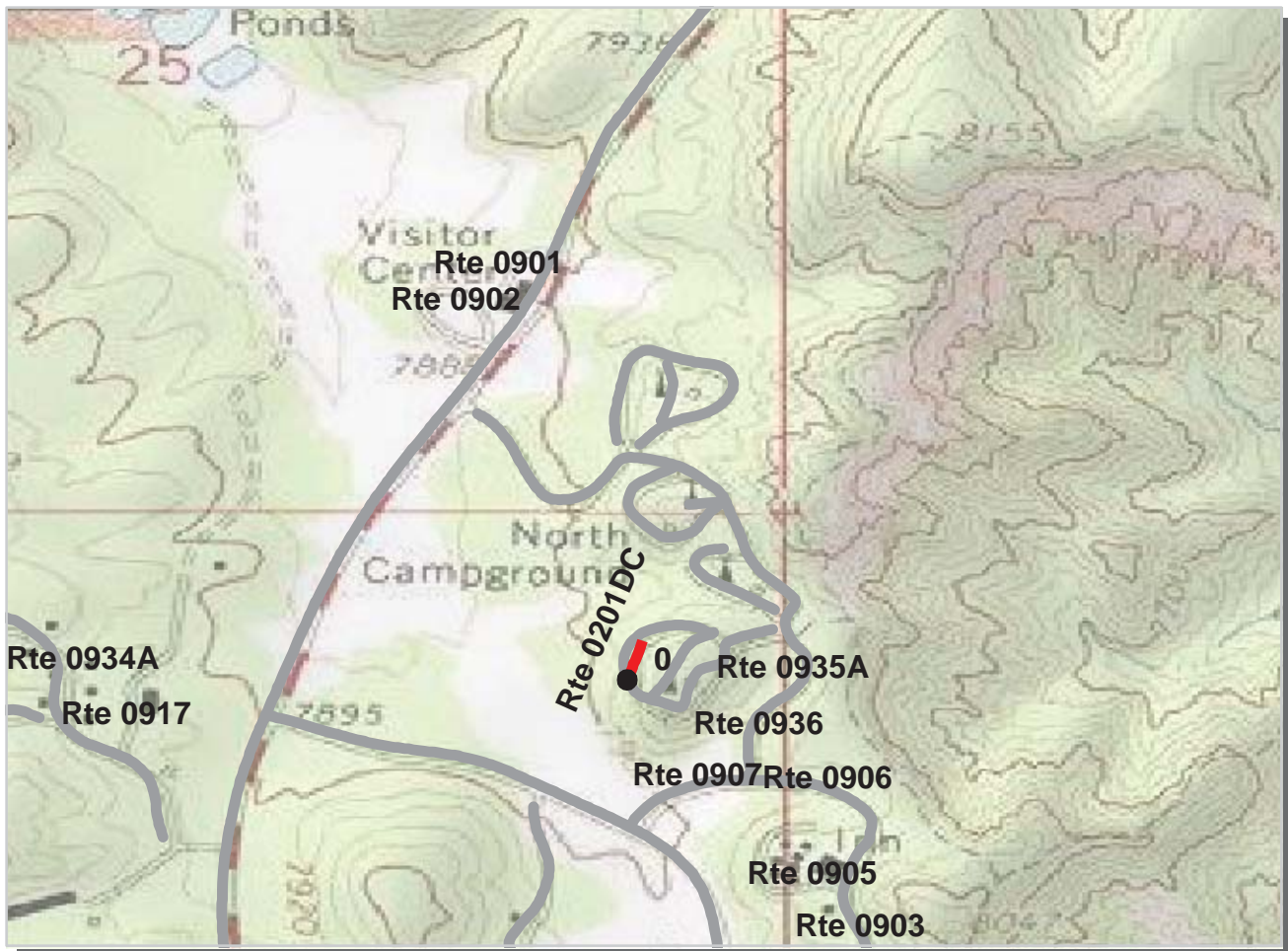
ROUTE: 0201DB North Campground Loop Road D, Connector TOTAL LENGTH: 0.09 Miles

Section Number	0				
Section Length (mi)	0.09				
AADT	**				
SADT	**				
ADT Date	**				
Cross Section Information					
Number of Lanes	1				
Paved Width (ft)	14				
Lane Width (ft)	14				
Shoulder Width (ft)	0				
Roadway Condition Information					
PCR (Pavement Condition Rating)	1				
RCI (Roughness Condition Index)	NC				
SCR (Surface Condition Rating)	1				
Alligator Cracking Index	21				
Rutting Index	39				
Patching Index	84				
Transverse Cracking Index	100				
Longitudinal Cracking Index	100				
Shoulder Condition Rating	N/A				
Drainage Condition Rating	GOOD				

* NC designates data not collected NA designates not applicable

** See website for traffic data: <http://www.efl.fhwa.dot.gov/nps/index.htm>

ROUTE: 0201DB North Campground Loop Road D, C



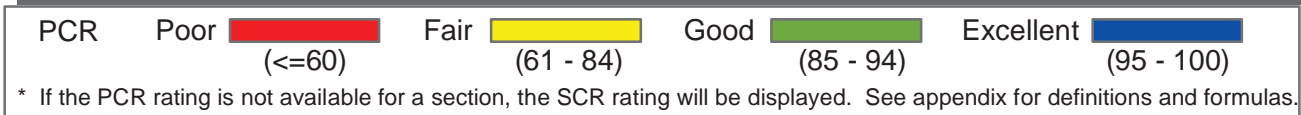
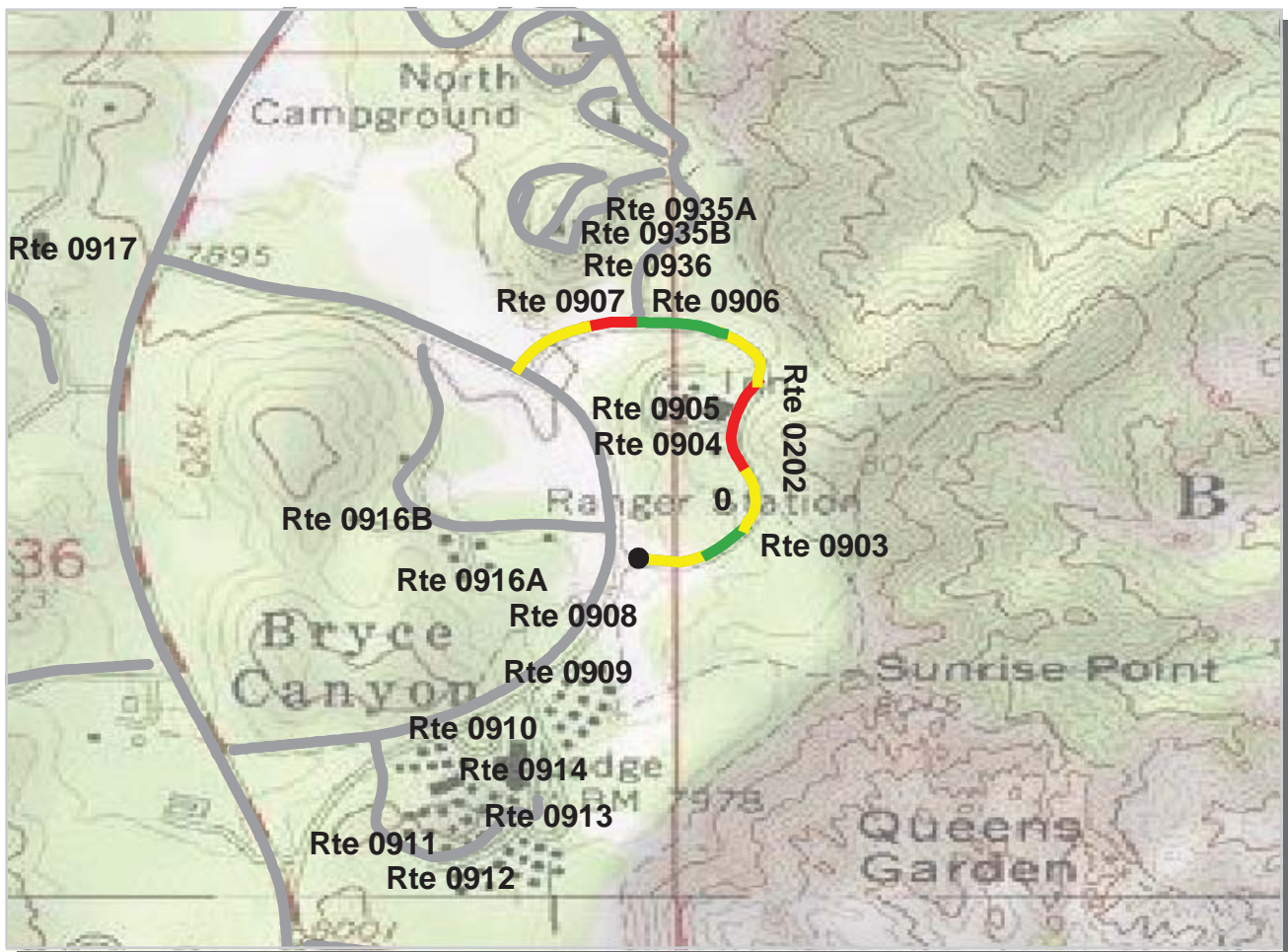
Intermountain Region
BRCA : Bryce Canyon National Park

ROUTE: 0201DC North Campground Loop Road D, Connector TOTAL LENGTH: 0.05 Miles

Section Number	0			
Section Length (mi)	0.05			
AADT	**			
SADT	**			
ADT Date	**			
Cross Section Information				
Number of Lanes	1			
Paved Width (ft)	11			
Lane Width (ft)	11			
Shoulder Width (ft)	0			
Roadway Condition Information				
PCR (Pavement Condition Rating)	0			
RCI (Roughness Condition Index)	NC			
SCR (Surface Condition Rating)	0			
Alligator Cracking Index	20			
Rutting Index	32			
Patching Index	100			
Transverse Cracking Index	100			
Longitudinal Cracking Index	100			
Shoulder Condition Rating	N/A			
Drainage Condition Rating	GOOD			

* NC designates data not collected NA designates not applicable
 ** See website for traffic data: <http://www.efl.fhwa.dot.gov/nps/index.htm>

ROUTE: 0201DC North Campground Loop Road D, C



Intermountain Region
BRCA : Bryce Canyon National Park

ROUTE: 0202 Sunrise Point Road **TOTAL LENGTH: 0.51 Miles**

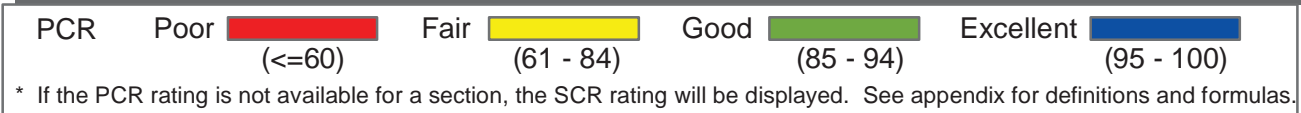
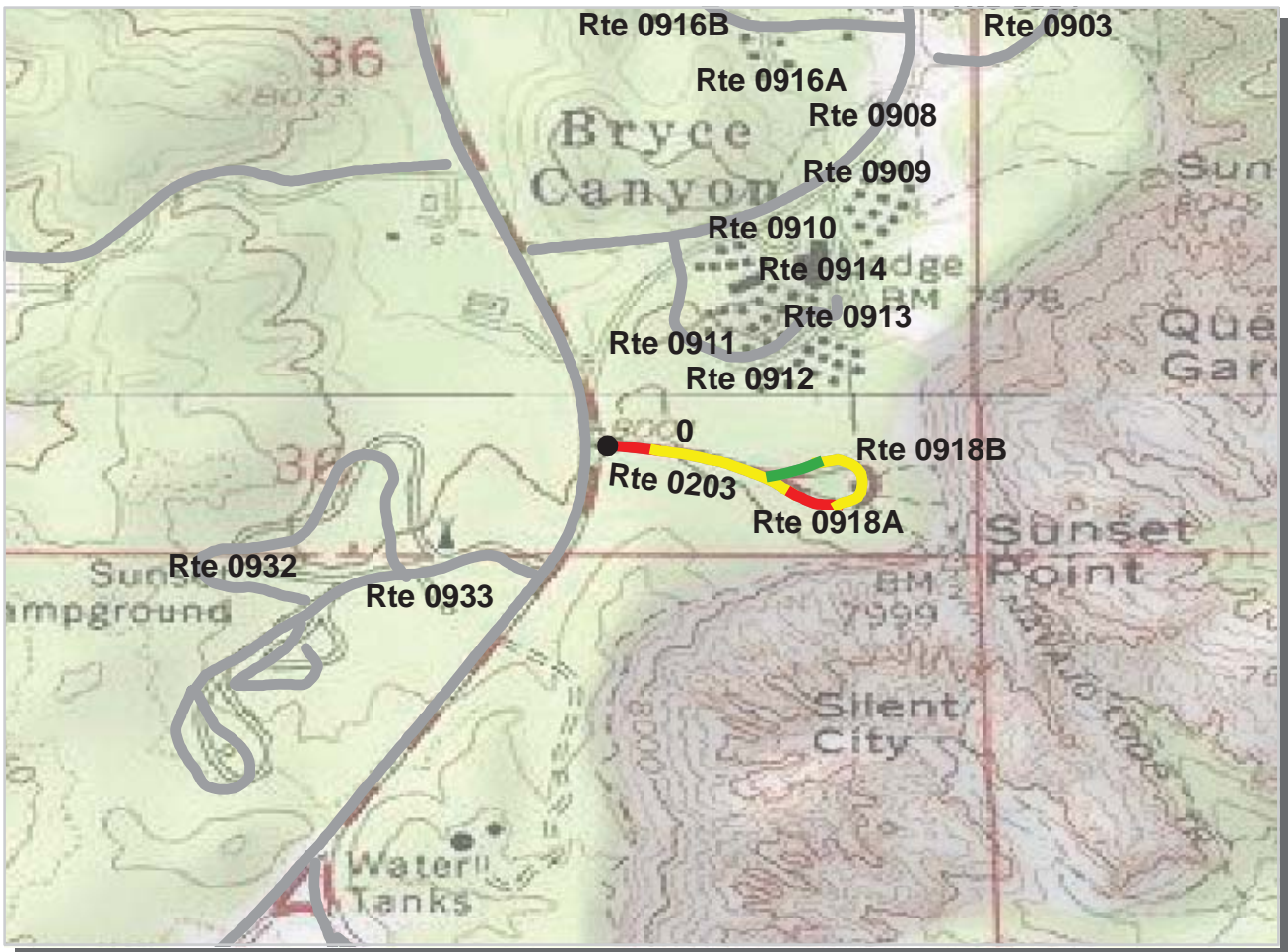
Section Number	0			
Section Length (mi)	0.51			
AADT	**			
SADT	**			
ADT Date	**			
Cross Section Information				
Number of Lanes	1			
Paved Width (ft)	13			
Lane Width (ft)	13			
Shoulder Width (ft)	0			
Roadway Condition Information				
PCR (Pavement Condition Rating)	76			
RCI (Roughness Condition Index)	73			
SCR (Surface Condition Rating)	77			
Alligator Cracking Index	100			
Rutting Index	78			
Patching Index	100			
Transverse Cracking Index	99			
Longitudinal Cracking Index	99			
Shoulder Condition Rating	N/A			
Drainage Condition Rating	GOOD			

* NC designates data not collected NA designates not applicable

** See website for traffic data: <http://www.efl.fhwa.dot.gov/nps/index.htm>

ROUTE: 0202 Sunrise Point Road





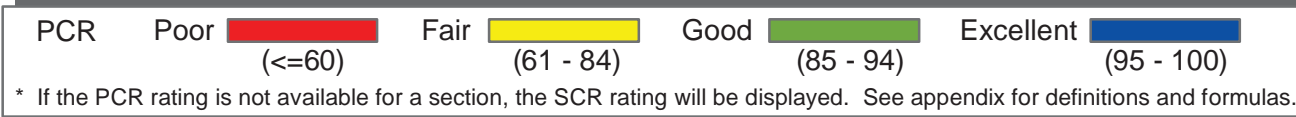
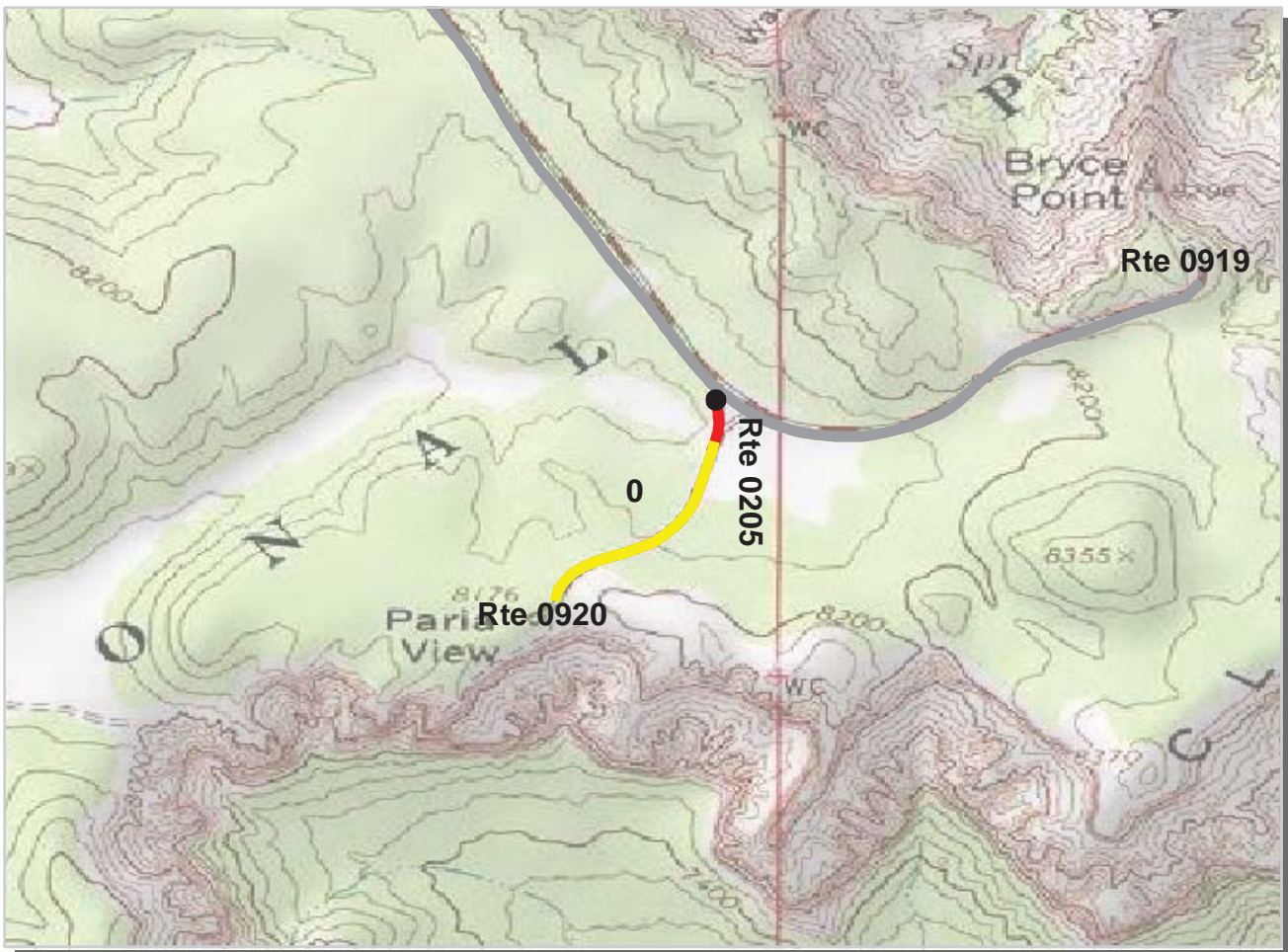
Intermountain Region
BRCA : Bryce Canyon National Park

ROUTE: 0203 Sunset Point Road **TOTAL LENGTH: 0.34 Miles**

Section Number	0				
Section Length (mi)	0.34				
AADT	**				
SADT	**				
ADT Date	**				
Cross Section Information					
Number of Lanes	2				
Paved Width (ft)	23				
Lane Width (ft)	13				
Shoulder Width (ft)	4				
Roadway Condition Information					
PCR (Pavement Condition Rating)	69				
RCI (Roughness Condition Index)	97				
SCR (Surface Condition Rating)	65				
Alligator Cracking Index	100				
Rutting Index	66				
Patching Index	100				
Transverse Cracking Index	99				
Longitudinal Cracking Index	99				
Shoulder Condition Rating	GOOD				
Drainage Condition Rating	GOOD				

ROUTE: 0203 Sunset Point Road

* NC designates data not collected NA designates not applicable
 ** See website for traffic data: <http://www.efl.fhwa.dot.gov/nps/index.htm>



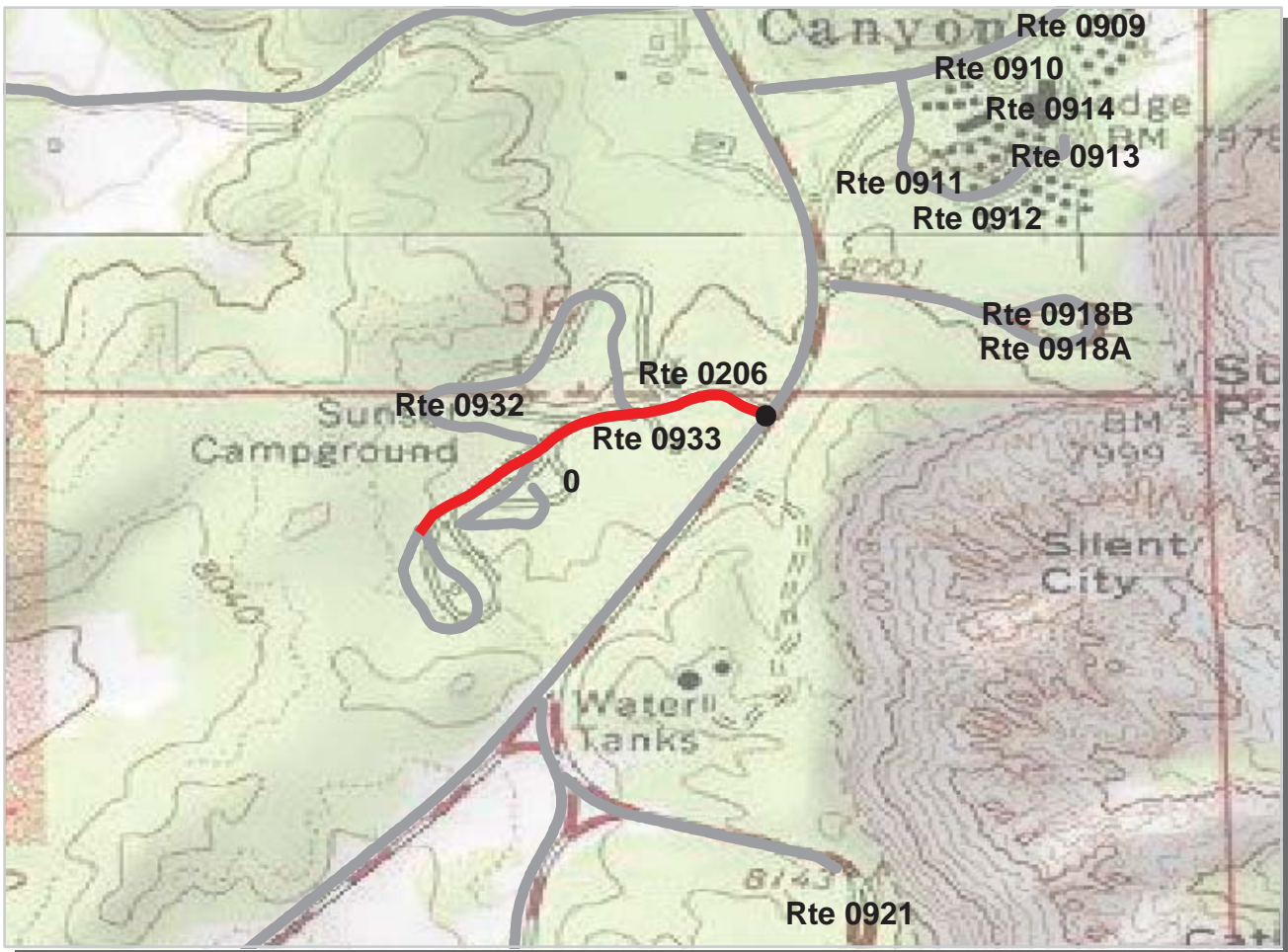
Intermountain Region
BRCA : Bryce Canyon National Park

ROUTE: 0205 Paria View Road **TOTAL LENGTH: 0.37 Miles**

Section Number	0				
Section Length (mi)	0.37				
AADT	**				
SADT	**				
ADT Date	**				
Cross Section Information					
Number of Lanes	2				
Paved Width (ft)	24				
Lane Width (ft)	11				
Shoulder Width (ft)	0				
Roadway Condition Information					
PCR (Pavement Condition Rating)	71				
RCI (Roughness Condition Index)	92				
SCR (Surface Condition Rating)	62				
Alligator Cracking Index	100				
Rutting Index	63				
Patching Index	100				
Transverse Cracking Index	99				
Longitudinal Cracking Index	99				
Shoulder Condition Rating	N/A				
Drainage Condition Rating	GOOD				

ROUTE: 0205 Paria View Road

* NC designates data not collected NA designates not applicable
 ** See website for traffic data: <http://www.efl.fhwa.dot.gov/nps/index.htm>



PCR Poor █ Fair █ Good █ Excellent █
 (<=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.

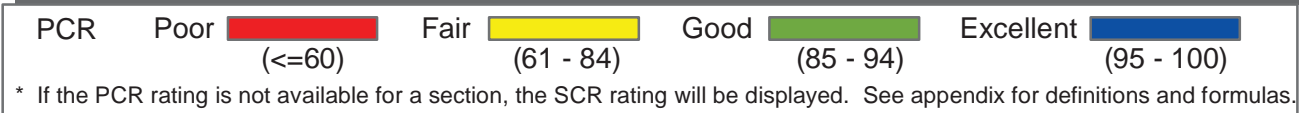
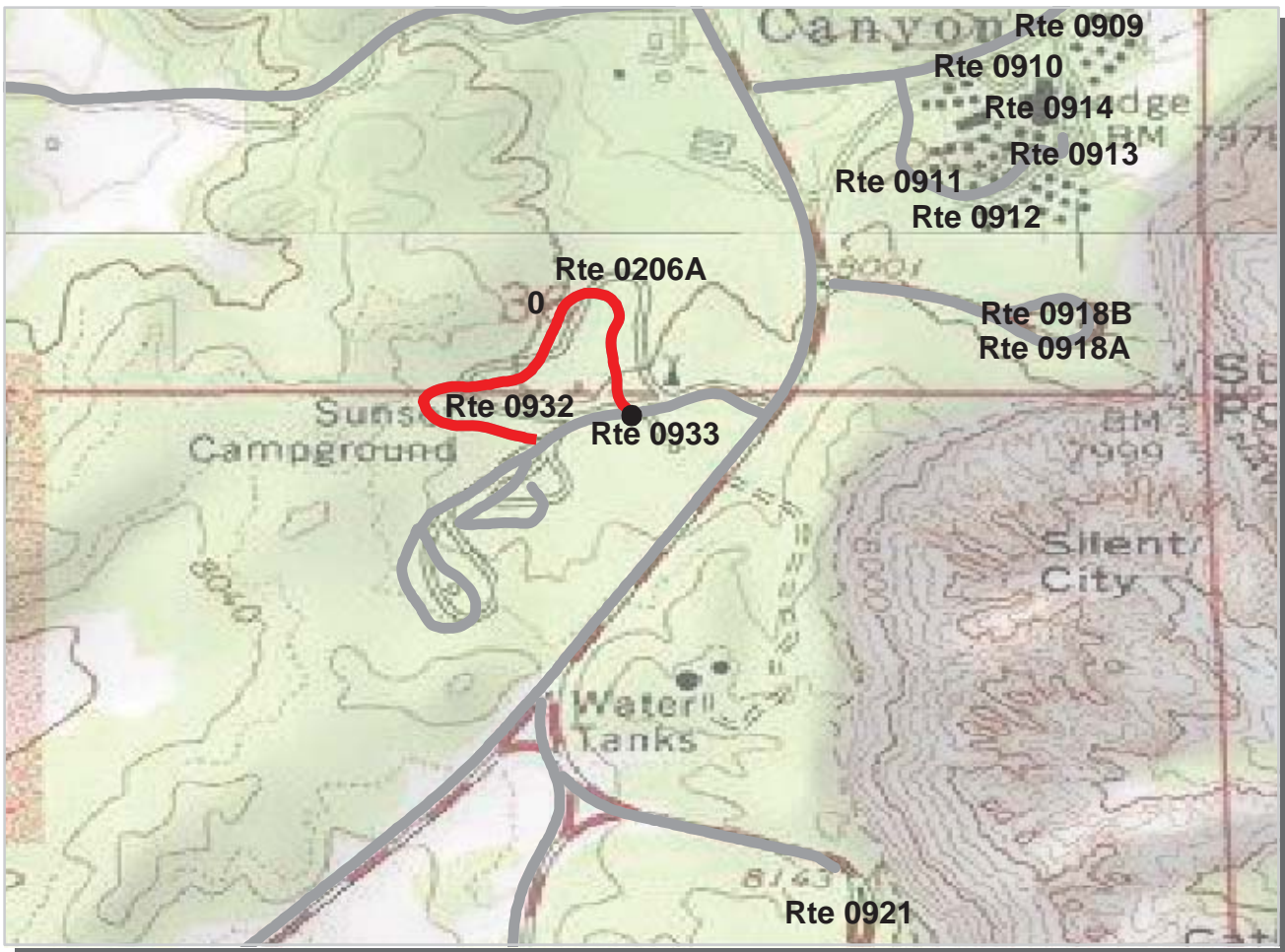
Intermountain Region
BRCA : Bryce Canyon National Park

ROUTE: 0206 Sunset Campground Road **TOTAL LENGTH: 0.32 Miles**

Section Number	0				
Section Length (mi)	0.32				
AADT	**				
SADT	**				
ADT Date	**				
Cross Section Information					
Number of Lanes	2				
Paved Width (ft)	17				
Lane Width (ft)	9				
Shoulder Width (ft)	0				
Roadway Condition Information					
PCR (Pavement Condition Rating)	10				
RCI (Roughness Condition Index)	34				
SCR (Surface Condition Rating)	5				
Alligator Cracking Index	14				
Rutting Index	65				
Patching Index	98				
Transverse Cracking Index	98				
Longitudinal Cracking Index	99				
Shoulder Condition Rating	N/A				
Drainage Condition Rating	GOOD				

ROUTE: 0206 Sunset Campground Road

* NC designates data not collected NA designates not applicable
 ** See website for traffic data: <http://www.efl.fhwa.dot.gov/nps/index.htm>



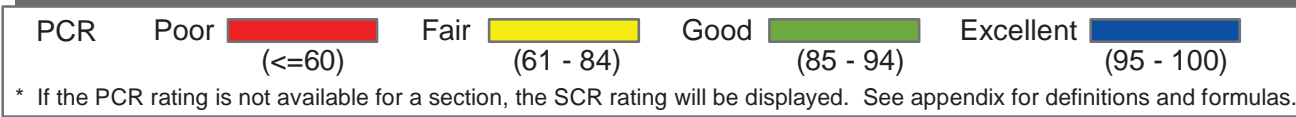
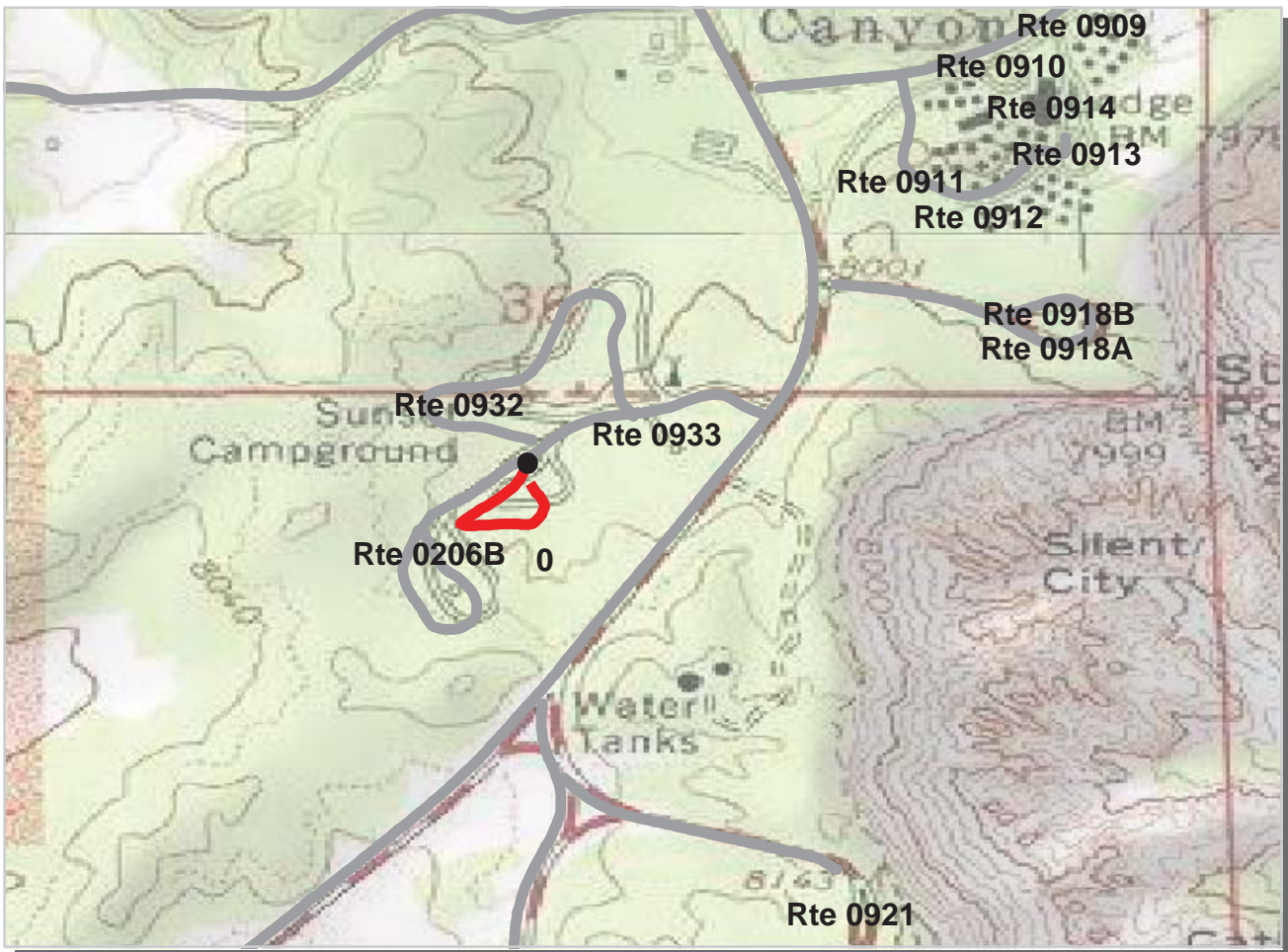
Intermountain Region
BRCA : Bryce Canyon National Park

ROUTE: 0206A Sunset Campground Road Loop A **TOTAL LENGTH: 0.43 Miles**

Section Number	0				
Section Length (mi)	0.43				
AADT	**				
SADT	**				
ADT Date	**				
Cross Section Information					
Number of Lanes	1				
Paved Width (ft)	9				
Lane Width (ft)	9				
Shoulder Width (ft)	0				
Roadway Condition Information					
PCR (Pavement Condition Rating)	7				
RCI (Roughness Condition Index)	NC				
SCR (Surface Condition Rating)	7				
Alligator Cracking Index	15				
Rutting Index	60				
Patching Index	98				
Transverse Cracking Index	94				
Longitudinal Cracking Index	95				
Shoulder Condition Rating	N/A				
Drainage Condition Rating	GOOD				

* NC designates data not collected NA designates not applicable
 ** See website for traffic data: <http://www.efl.fhwa.dot.gov/nps/index.htm>

ROUTE: 0206A Sunset Campground Road Loop A



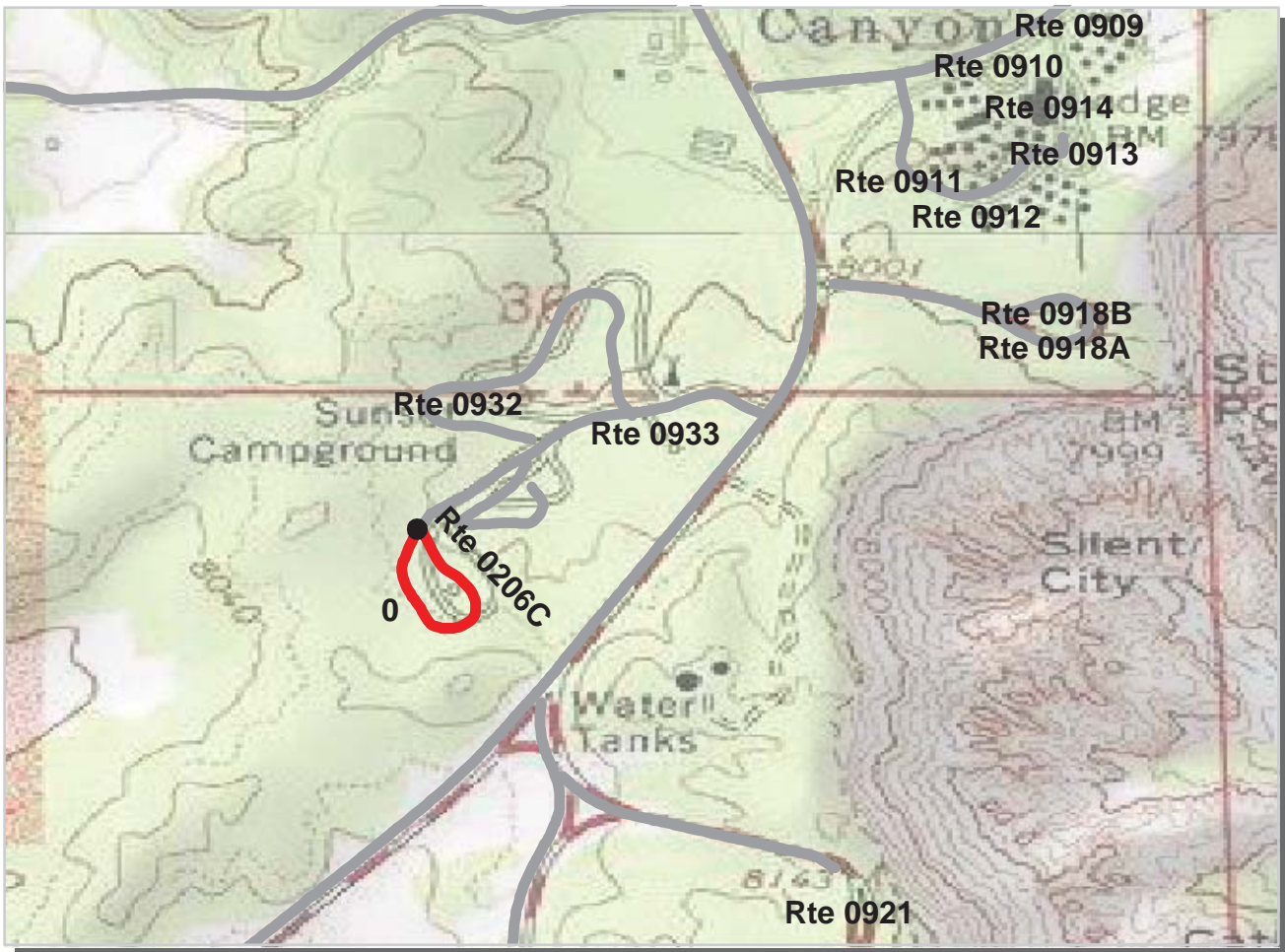
Intermountain Region
BRCA : Bryce Canyon National Park

ROUTE: 0206B Sunset Campground Road Loop B **TOTAL LENGTH: 0.20 Miles**

Section Number	0				
Section Length (mi)	0.20				
AADT	**				
SADT	**				
ADT Date	**				
Cross Section Information					
Number of Lanes	1				
Paved Width (ft)	10				
Lane Width (ft)	10				
Shoulder Width (ft)	0				
Roadway Condition Information					
PCR (Pavement Condition Rating)	0				
RCI (Roughness Condition Index)	NC				
SCR (Surface Condition Rating)	0				
Alligator Cracking Index	21				
Rutting Index	59				
Patching Index	100				
Transverse Cracking Index	77				
Longitudinal Cracking Index	86				
Shoulder Condition Rating	N/A				
Drainage Condition Rating	GOOD				

* NC designates data not collected NA designates not applicable
 ** See website for traffic data: <http://www.efl.fhwa.dot.gov/nps/index.htm>

ROUTE: 0206B Sunset Campground Road Loop B



PCR Poor ■ Fair ■ Good ■ Excellent ■
 (<=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.

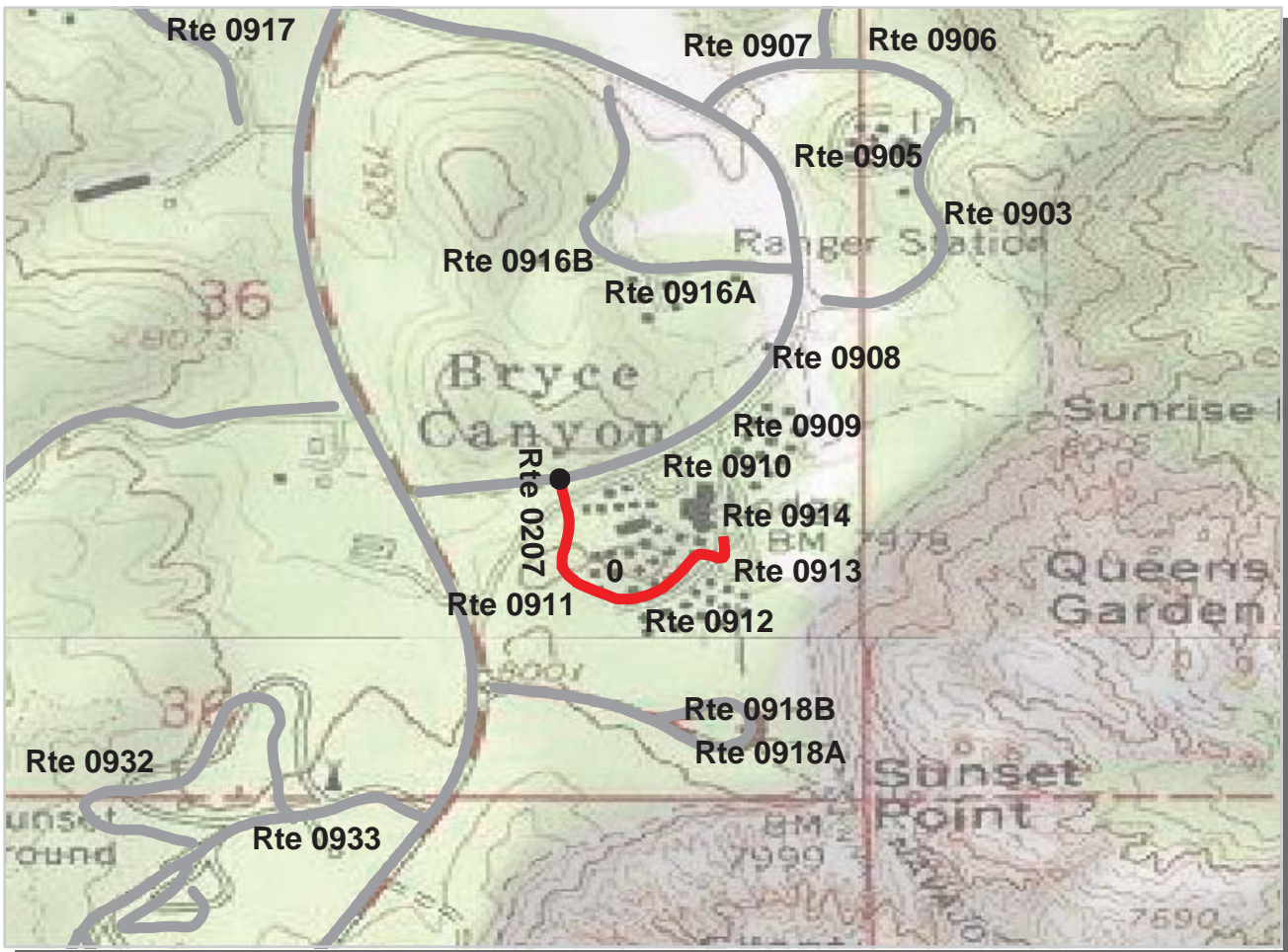
Intermountain Region
BRCA : Bryce Canyon National Park

ROUTE: 0206C Sunset Campground Road Loop C TOTAL LENGTH: 0.25 Miles

Section Number	0				
Section Length (mi)	0.25				
AADT	**				
SADT	**				
ADT Date	**				
Cross Section Information					
Number of Lanes	1				
Paved Width (ft)	9				
Lane Width (ft)	9				
Shoulder Width (ft)	0				
Roadway Condition Information					
PCR (Pavement Condition Rating)	5				
RCI (Roughness Condition Index)	30				
SCR (Surface Condition Rating)	4				
Alligator Cracking Index	29				
Rutting Index	66				
Patching Index	100				
Transverse Cracking Index	81				
Longitudinal Cracking Index	88				
Shoulder Condition Rating	N/A				
Drainage Condition Rating	GOOD				

* NC designates data not collected NA designates not applicable
 ** See website for traffic data: <http://www.efl.fhwa.dot.gov/nps/index.htm>

ROUTE: 0206C Sunset Campground Road Loop C



PCR Poor (≤60) Fair (61 - 84) Good (85 - 94) Excellent (95 - 100)

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

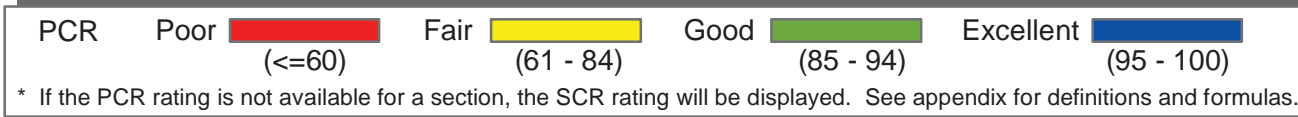
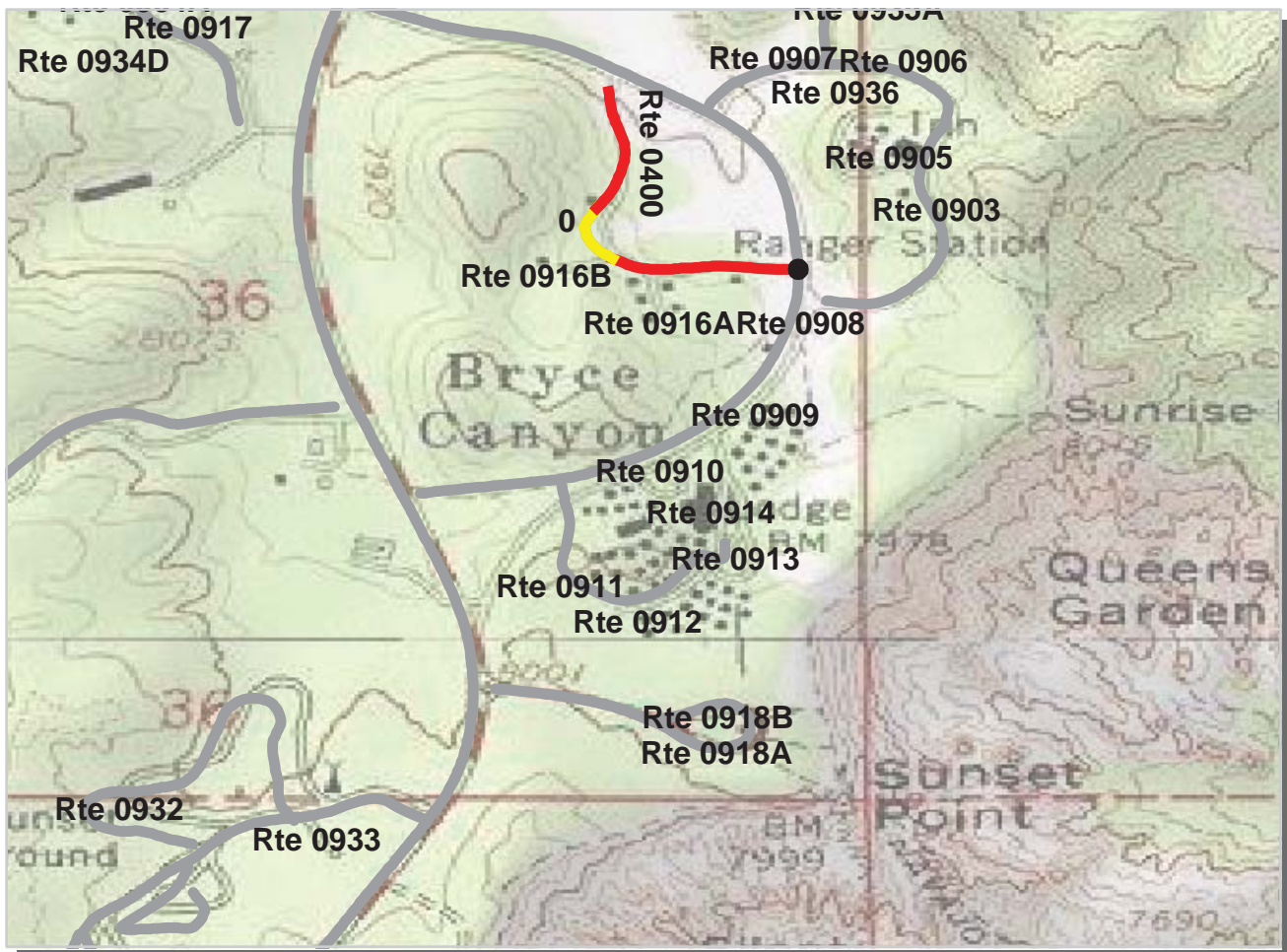
Intermountain Region
BRCA : Bryce Canyon National Park

ROUTE: 0207 Sunset Unit Road **TOTAL LENGTH: 0.28 Miles**

Section Number	0				
Section Length (mi)	0.28				
AADT	**				
SADT	**				
ADT Date	**				
Cross Section Information					
Number of Lanes	2				
Paved Width (ft)	21				
Lane Width (ft)	10				
Shoulder Width (ft)	0				
Roadway Condition Information					
PCR (Pavement Condition Rating)	43				
RCI (Roughness Condition Index)	NC				
SCR (Surface Condition Rating)	43				
Alligator Cracking Index	100				
Rutting Index	46				
Patching Index	100				
Transverse Cracking Index	98				
Longitudinal Cracking Index	98				
Shoulder Condition Rating	N/A				
Drainage Condition Rating	GOOD				

ROUTE: 0207 Sunset Unit Road

* NC designates data not collected NA designates not applicable
 ** See website for traffic data: <http://www.efl.fhwa.dot.gov/nps/index.htm>



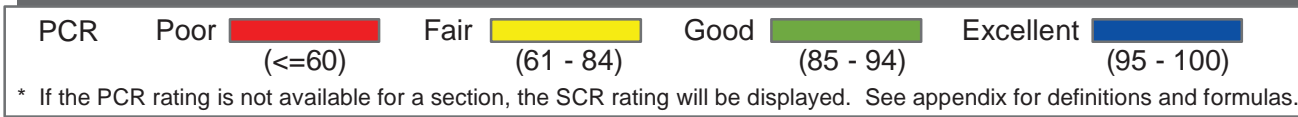
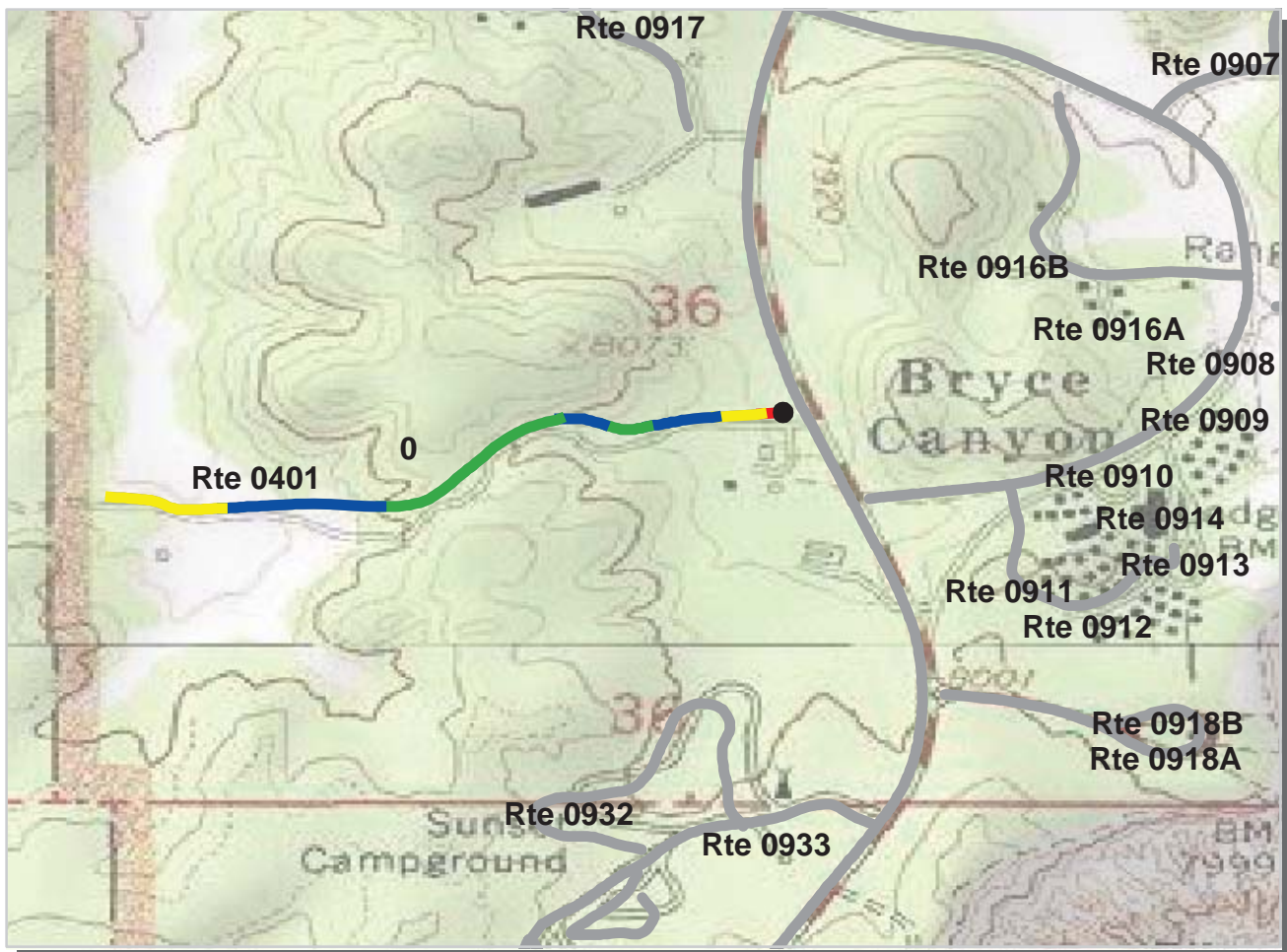
Intermountain Region
BRCA : Bryce Canyon National Park

ROUTE: 0400 Historical Residential Road **TOTAL LENGTH: 0.34 Miles**

Section Number	0				
Section Length (mi)	0.34				
AADT	**				
SADT	**				
ADT Date	**				
Cross Section Information					
Number of Lanes	2				
Paved Width (ft)	18				
Lane Width (ft)	9				
Shoulder Width (ft)	0				
Roadway Condition Information					
PCR (Pavement Condition Rating)	53				
RCI (Roughness Condition Index)	64				
SCR (Surface Condition Rating)	51				
Alligator Cracking Index	99				
Rutting Index	56				
Patching Index	99				
Transverse Cracking Index	97				
Longitudinal Cracking Index	98				
Shoulder Condition Rating	N/A				
Drainage Condition Rating	GOOD				

ROUTE: 0400 Historical Residential Road

* NC designates data not collected NA designates not applicable
 ** See website for traffic data: <http://www.efl.fhwa.dot.gov/nps/index.htm>



Intermountain Region

BRCA : Bryce Canyon National Park

ROUTE: 0401 Mixing Circle Road

TOTAL LENGTH: 0.64 Miles

Section Number	0				
Section Length (mi)	0.64				
AADT	**				
SADT	**				
ADT Date	**				
Cross Section Information					
Number of Lanes	2				
Paved Width (ft)	20				
Lane Width (ft)	10				
Shoulder Width (ft)	0				
Roadway Condition Information					
PCR (Pavement Condition Rating)	89				
RCI (Roughness Condition Index)	88				
SCR (Surface Condition Rating)	90				
Alligator Cracking Index	99				
Rutting Index	95				
Patching Index	99				
Transverse Cracking Index	99				
Longitudinal Cracking Index	97				
Shoulder Condition Rating	N/A				
Drainage Condition Rating	GOOD				

ROUTE: 0401 Mixing Circle Road

* NC designates data not collected NA designates not applicable
 ** See website for traffic data: <http://www.efl.fhwa.dot.gov/nps/index.htm>

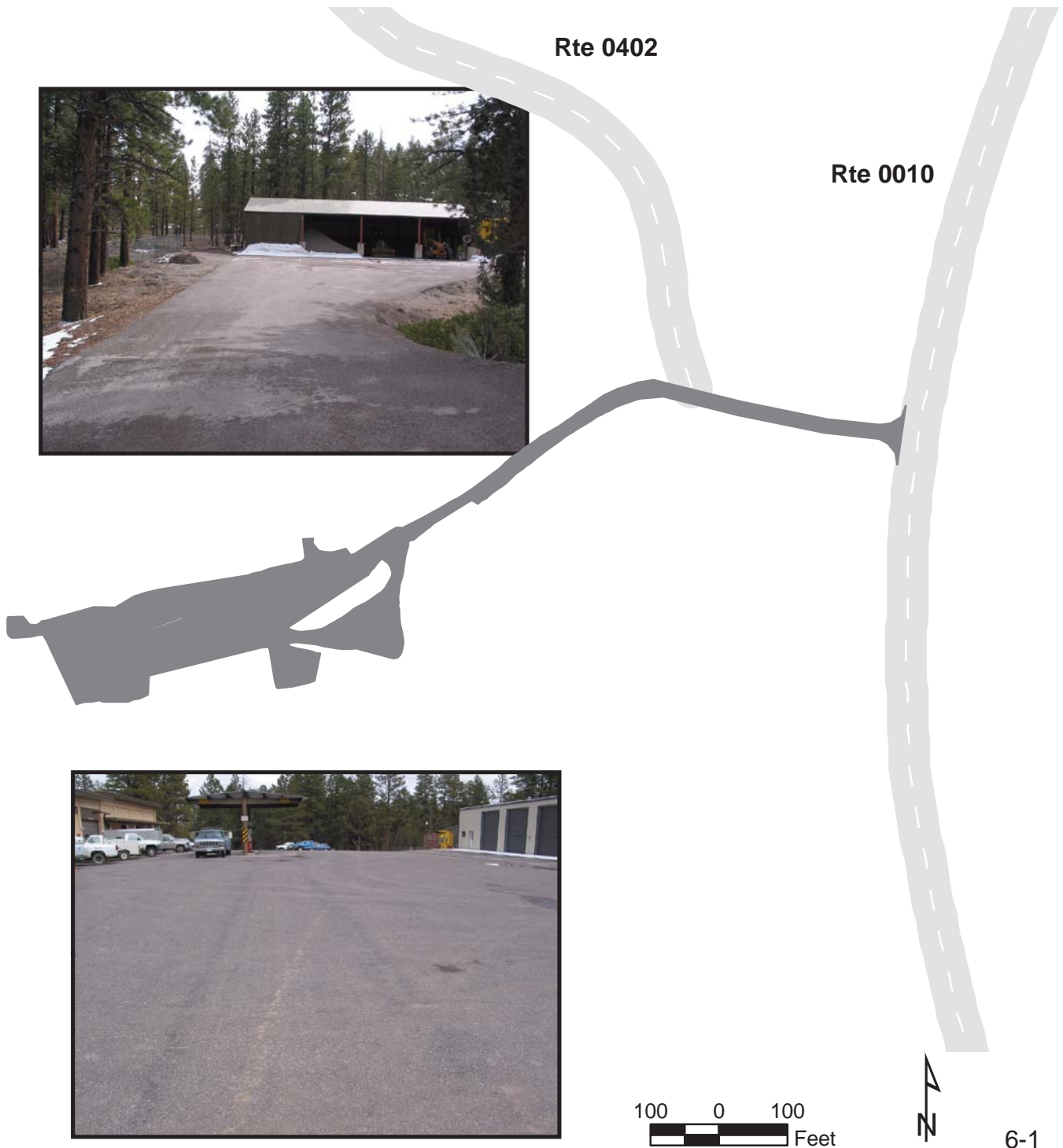
Bryce Canyon National Park

Route 0411

Bryce Maintenance Yard
From Route 0010 AT MP 1.7

Route	Length (mi)	Width (ft)	Area (sq ft)	Lane Miles *	Condition / PCR	Surface Type
0411	1.01	0.00	65723	1.13	GOOD / 90	AS

* Lane miles are based on 11' lane widths



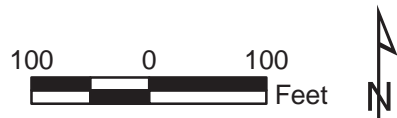
Bryce Canyon National Park

Route 0412

Bone Yard
From Route 0401

Route	Length (mi)	Width (ft)	Area (sq ft)	Lane Miles *	Condition / PCR	Surface Type
0412	0.27	0.00	16002	0.28	GOOD / 90	AS

* Lane miles are based on 11' lane widths



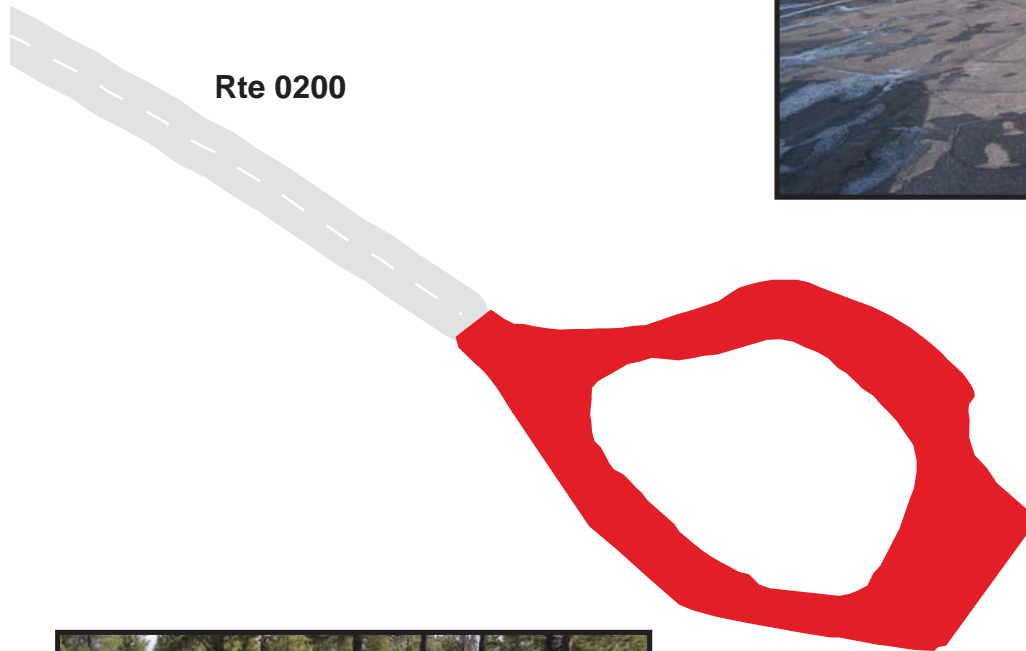
Bryce Canyon National Park

Route 0900

Fairyland Spur Parking
From End of Route 0200

Route	Public / NonPublic	Date Visited	Area (sq ft)	Lane Miles *	Surface Type	Condition / PCR
0900	Public	4/3/2003	19303	0.33	AS	FAIR / 73

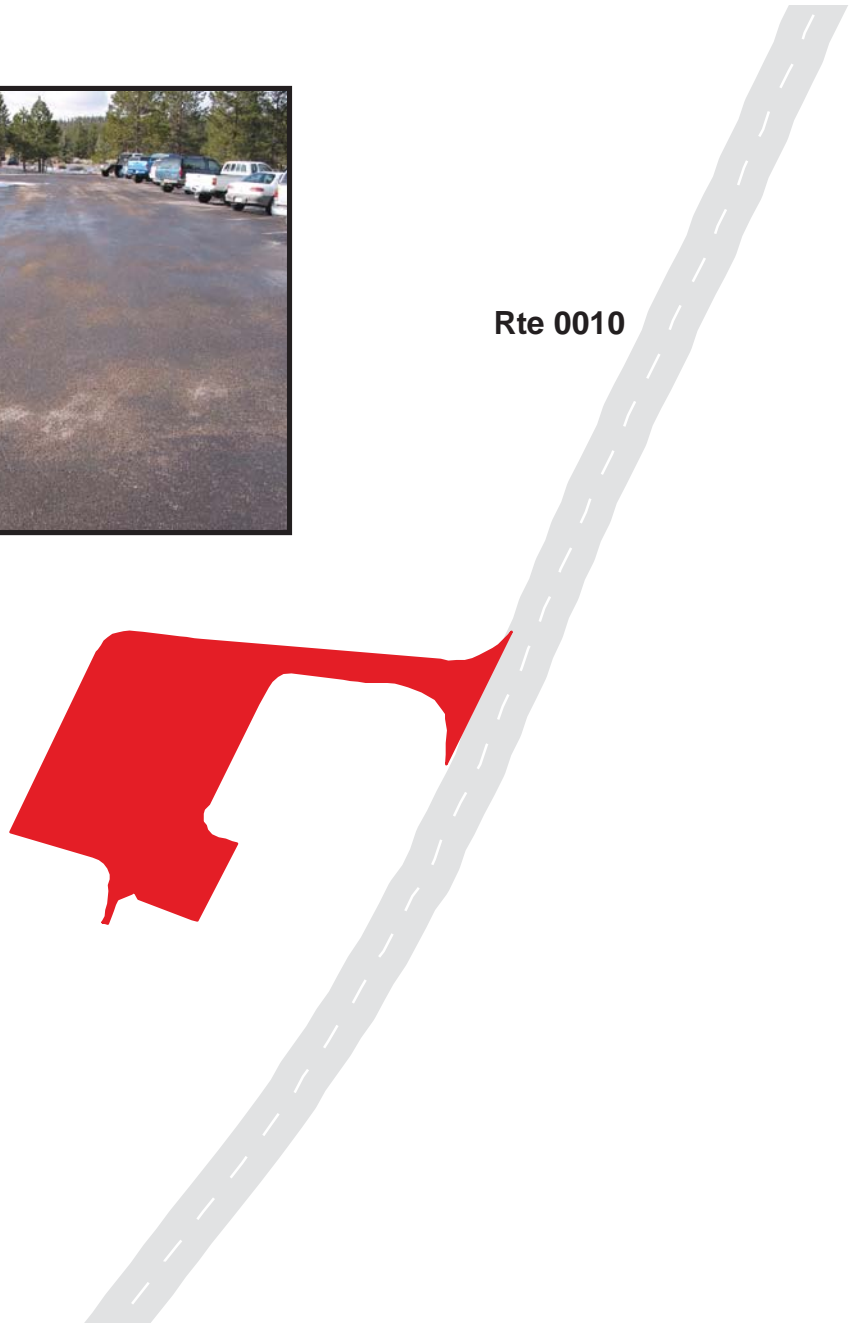
* Lane miles are based on 11' lane widths



Bryce Canyon National Park
Route 0901
Administration Parking
Adjacent To Route 0010 at Fee Station

Route	Public / NonPublic	Date Visited	Area (sq ft)	Lane Miles *	Surface Type	Condition / PCR
0901	NonPublic	4/3/2003	31727	0.55	AS	GOOD / 90

* Lane miles are based on 11' lane widths



Bryce Canyon National Park
Route 0902
 Visitor Center Parking
 Adjacent To Route 0010 at Fee Station

Route	Public / NonPublic	Date Visited	Area (sq ft)	Lane Miles *	Surface Type	Condition / PCR
0902	Public	4/3/2003	43020	0.74	AS	GOOD / 90

* Lane miles are based on 11' lane widths



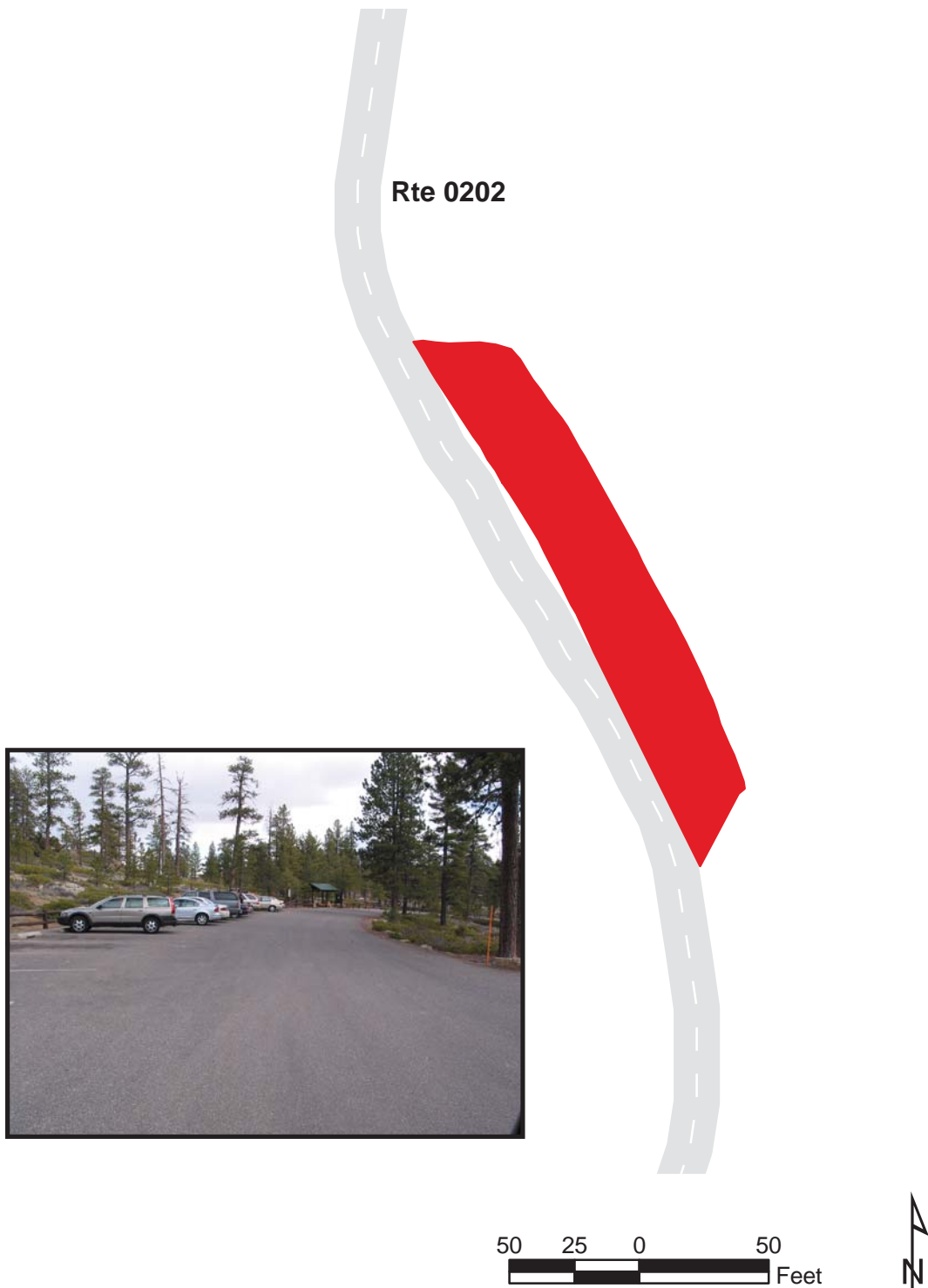
Bryce Canyon National Park

Route 0903

Sunrise Point Parking
Adjacent To Route 0202

Route	Public / NonPublic	Date Visited	Area (sq ft)	Lane Miles *	Surface Type	Condition / PCR
0903	Public	4/3/2003	5317	0.09	OC	GOOD / 90

* Lane miles are based on 11' lane widths



Bryce Canyon National Park

Route 0904

Ranger Station Parking

From Route 0202 and Route 0905

Route	Public / NonPublic	Date Visited	Area (sq ft)	Lane Miles *	Surface Type	Condition / PCR
0904	Public	4/3/2003	2111	0.04	OC	GOOD / 90

* Lane miles are based on 11' lane widths



50 25 0 50
Feet



Bryce Canyon National Park

Route 0905

Bryce Canyon General Store Parking

From Route 0202 and Route 0904

Route	Public / NonPublic	Date Visited	Area (sq ft)	Lane Miles *	Surface Type	Condition / PCR
0905	Public	4/3/2003	29666	0.51	OC	GOOD / 90

* Lane miles are based on 11' lane widths



Bryce Canyon National Park

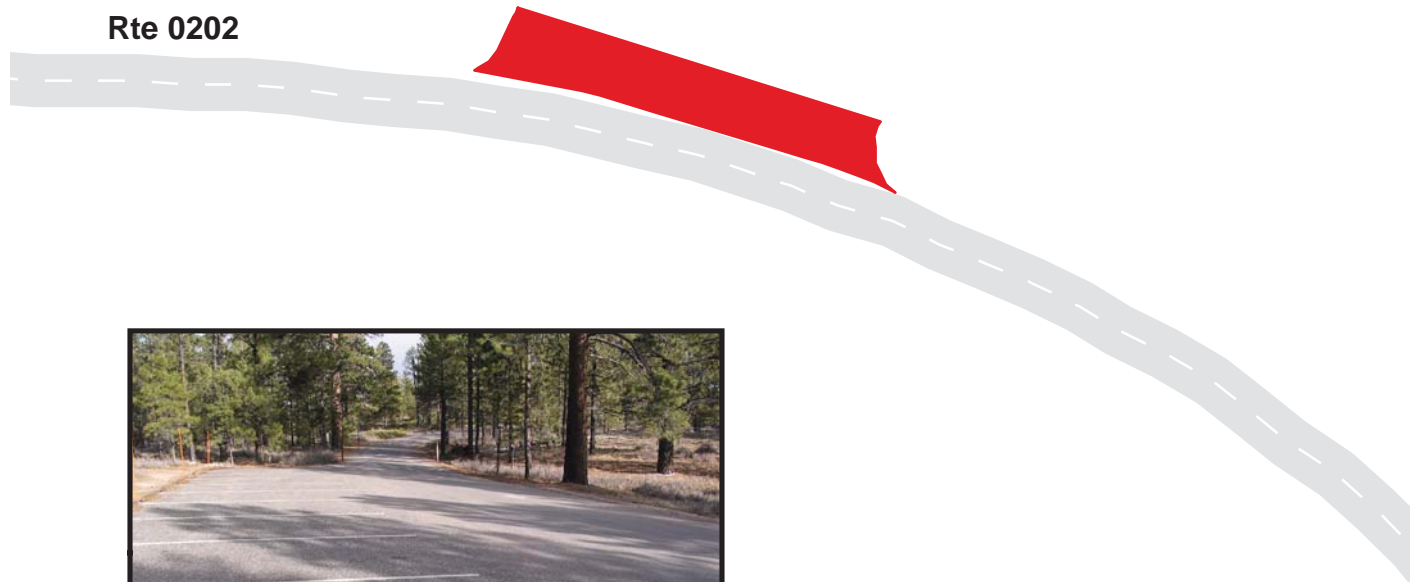
Route 0906

Picnic Parking

Adjacent To Route 0202

Route	Public / NonPublic	Date Visited	Area (sq ft)	Lane Miles *	Surface Type	Condition / PCR
0906	Public	4/3/2003	2381	0.04	NC	GOOD / 90

* Lane miles are based on 11' lane widths



Bryce Canyon National Park

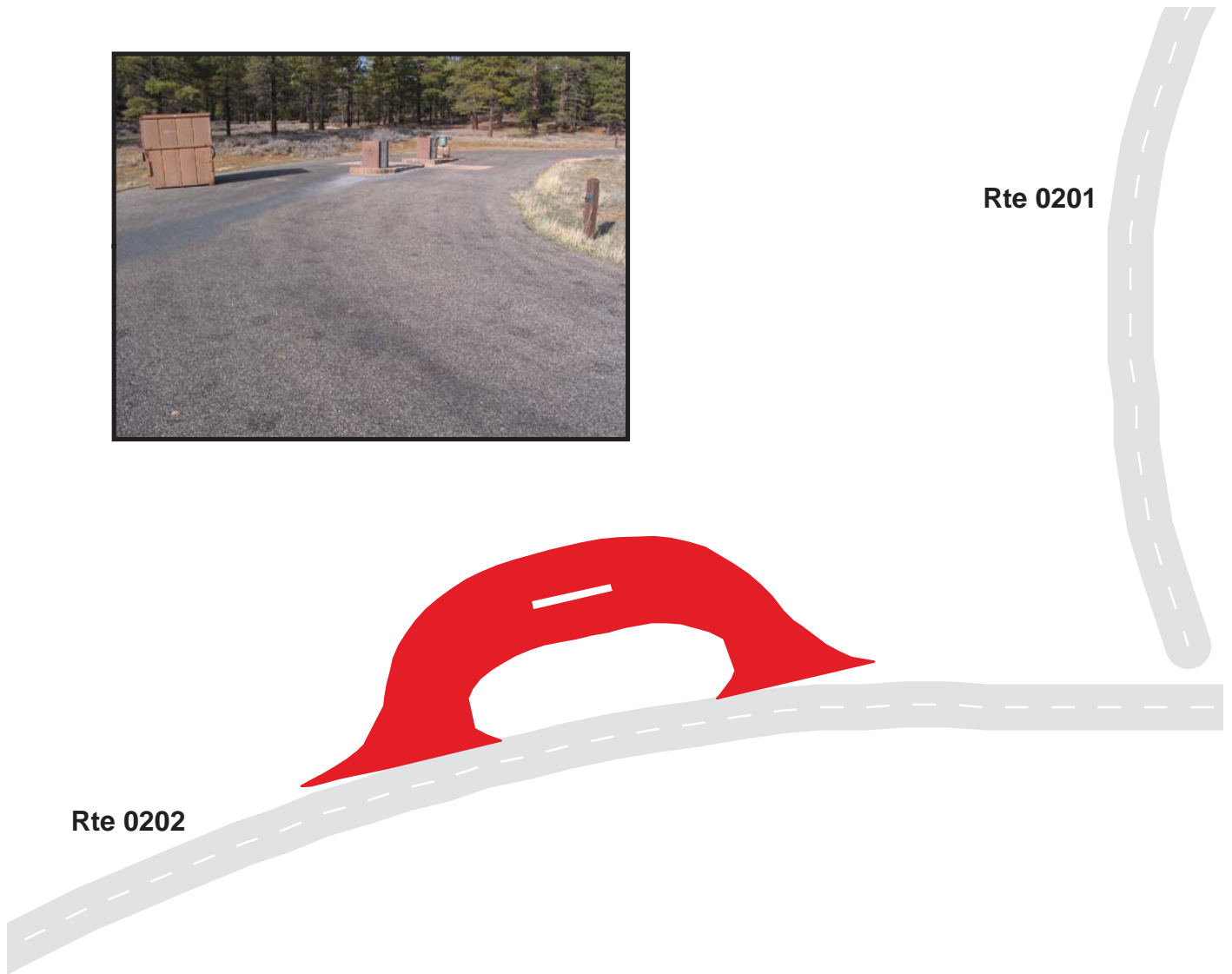
Route 0907

North Campground Dump Station

From Route 0202

Route	Public / NonPublic	Date Visited	Area (sq ft)	Lane Miles *	Surface Type	Condition / PCR
0907	Public	4/3/2003	6608	0.11	NC	GOOD / 90

* Lane miles are based on 11' lane widths



Bryce Canyon National Park

Route 0908

Gas Station Parking

From Route 0011

Route	Public / NonPublic	Date Visited	Area (sq ft)	Lane Miles *	Surface Type	Condition / PCR
0908	Public	4/3/2003	3739	0.06	NC	GOOD / 90

* Lane miles are based on 11' lane widths



Bryce Canyon National Park

Route 0909

Sunrise Unit Parking

From Route 0011

Route	Public / NonPublic	Date Visited	Area (sq ft)	Lane Miles *	Surface Type	Condition / PCR
0909	Public	4/3/2003	16249	0.28	NC	GOOD / 90

* Lane miles are based on 11' lane widths



50 25 0 50 100
Feet



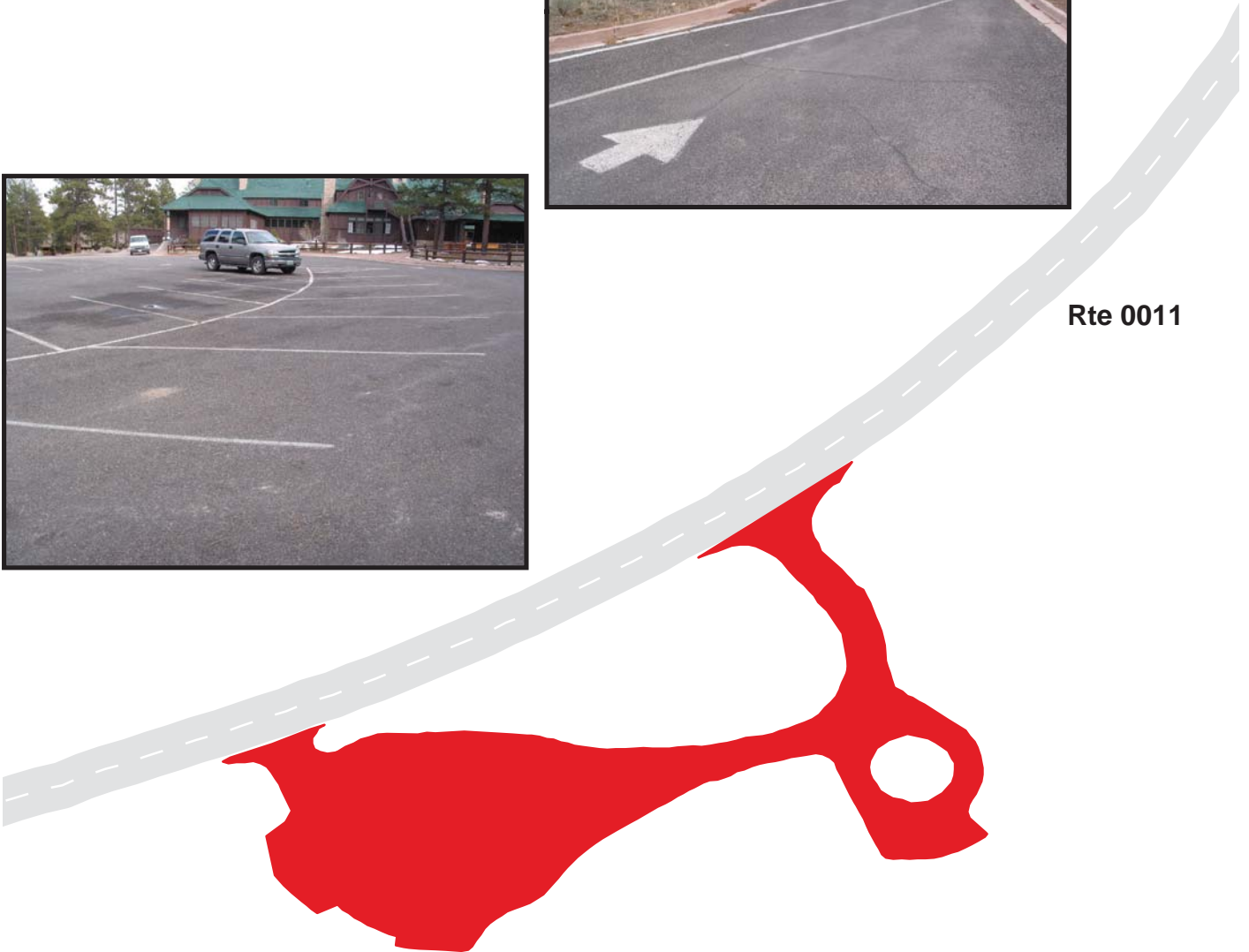
Bryce Canyon National Park

Route 0910

Lodge Parking
From Route 0011

Route	Public / NonPublic	Date Visited	Area (sq ft)	Lane Miles *	Surface Type	Condition / PCR
0910	Public	4/3/2003	43804	0.75	NC	GOOD / 90

* Lane miles are based on 11' lane widths



Bryce Canyon National Park

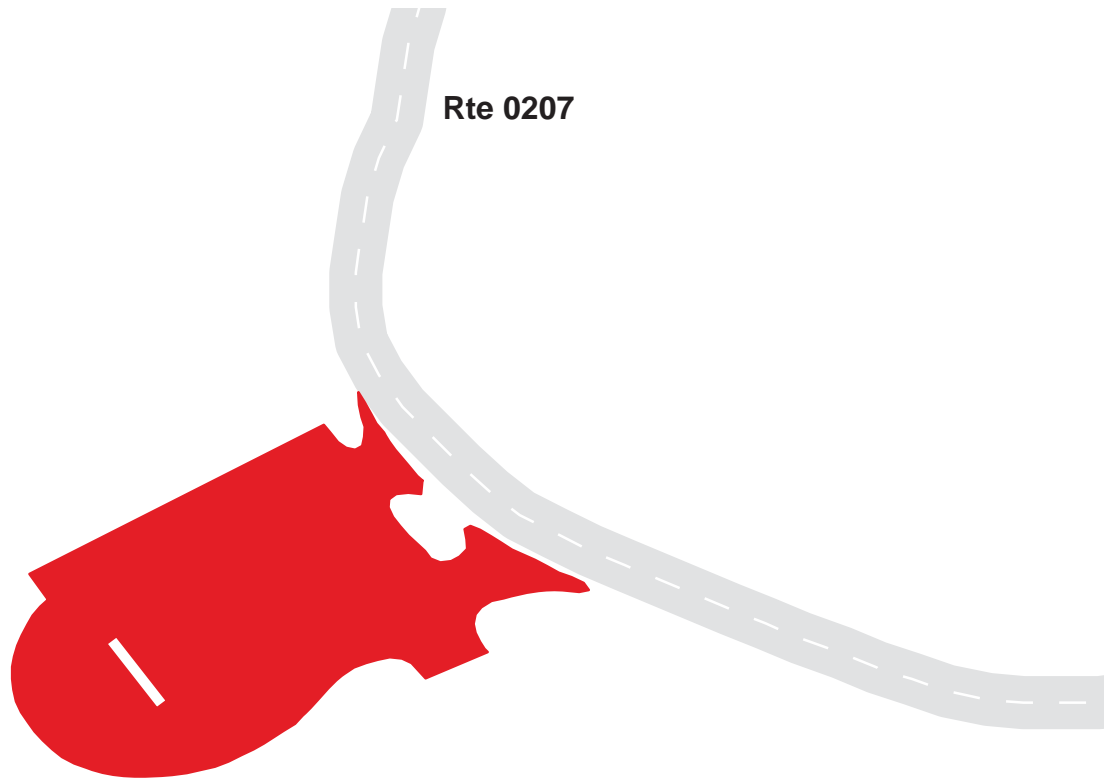
Route 0911

Additional Lodge Parking #1

From Route 0207

Route	Public / NonPublic	Date Visited	Area (sq ft)	Lane Miles *	Surface Type	Condition / PCR
0911	Public	4/3/2003	19053	0.33	NC	GOOD / 90

* Lane miles are based on 11' lane widths



Bryce Canyon National Park

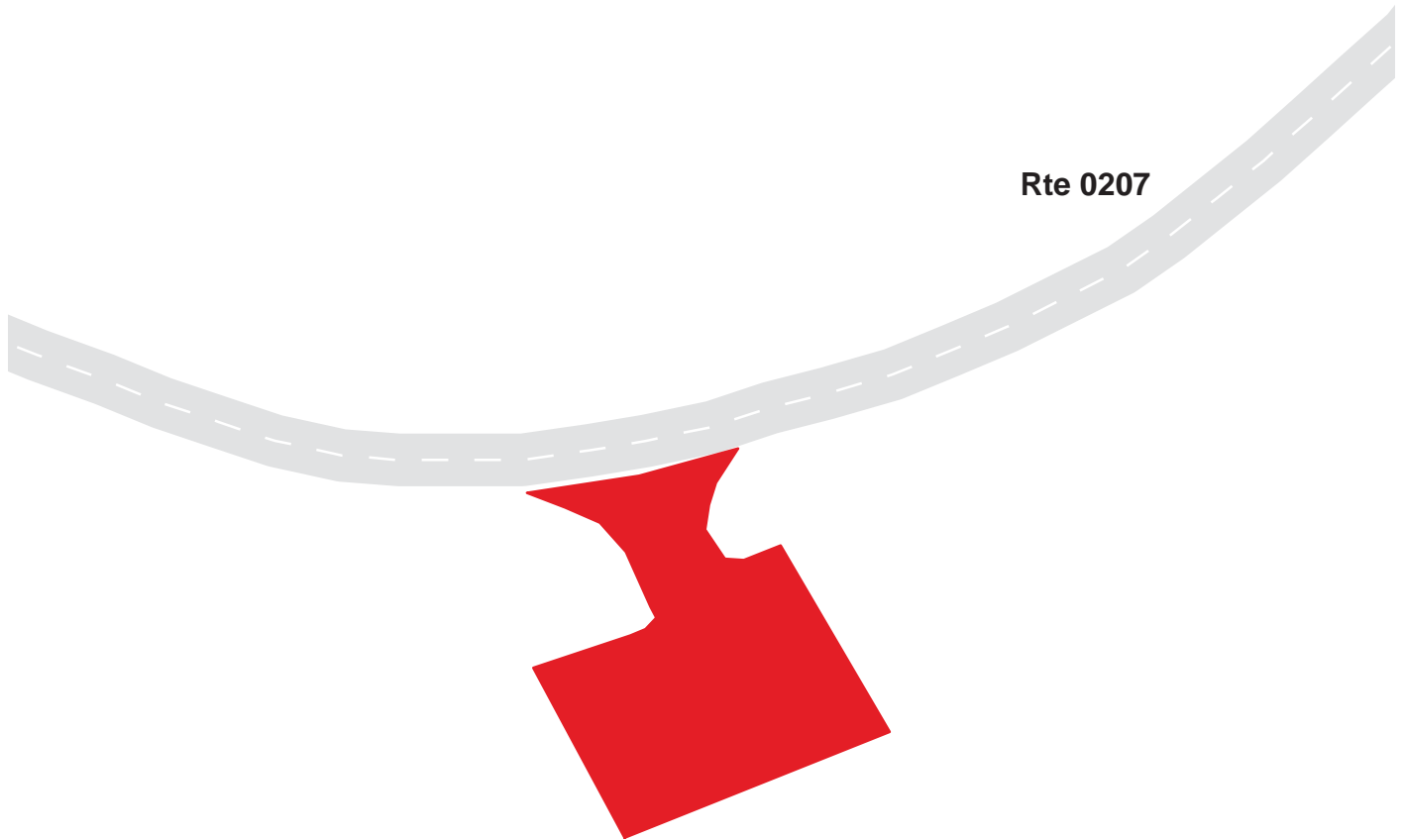
Route 0912

Additional Lodge Parking #2

From Route 0207

Route	Public / NonPublic	Date Visited	Area (sq ft)	Lane Miles *	Surface Type	Condition / PCR
0912	Public	4/3/2003	4780	0.08	NC	GOOD / 90

* Lane miles are based on 11' lane widths



Bryce Canyon National Park

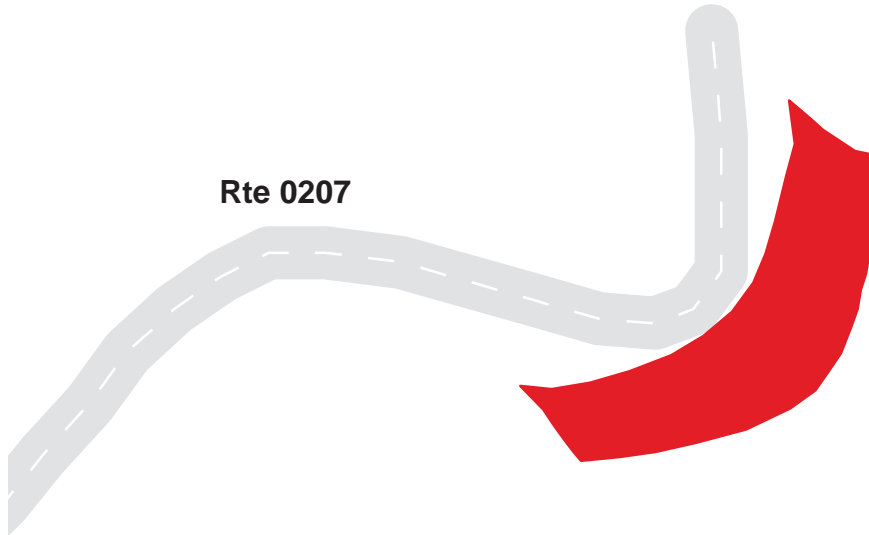
Route 0913

Additional Lodge Parking #3

Adjacent To Route 0207

Route	Public / NonPublic	Date Visited	Area (sq ft)	Lane Miles *	Surface Type	Condition / PCR
0913	Public	4/3/2003	3043	0.05	NC	GOOD / 90

* Lane miles are based on 11' lane widths



Bryce Canyon National Park

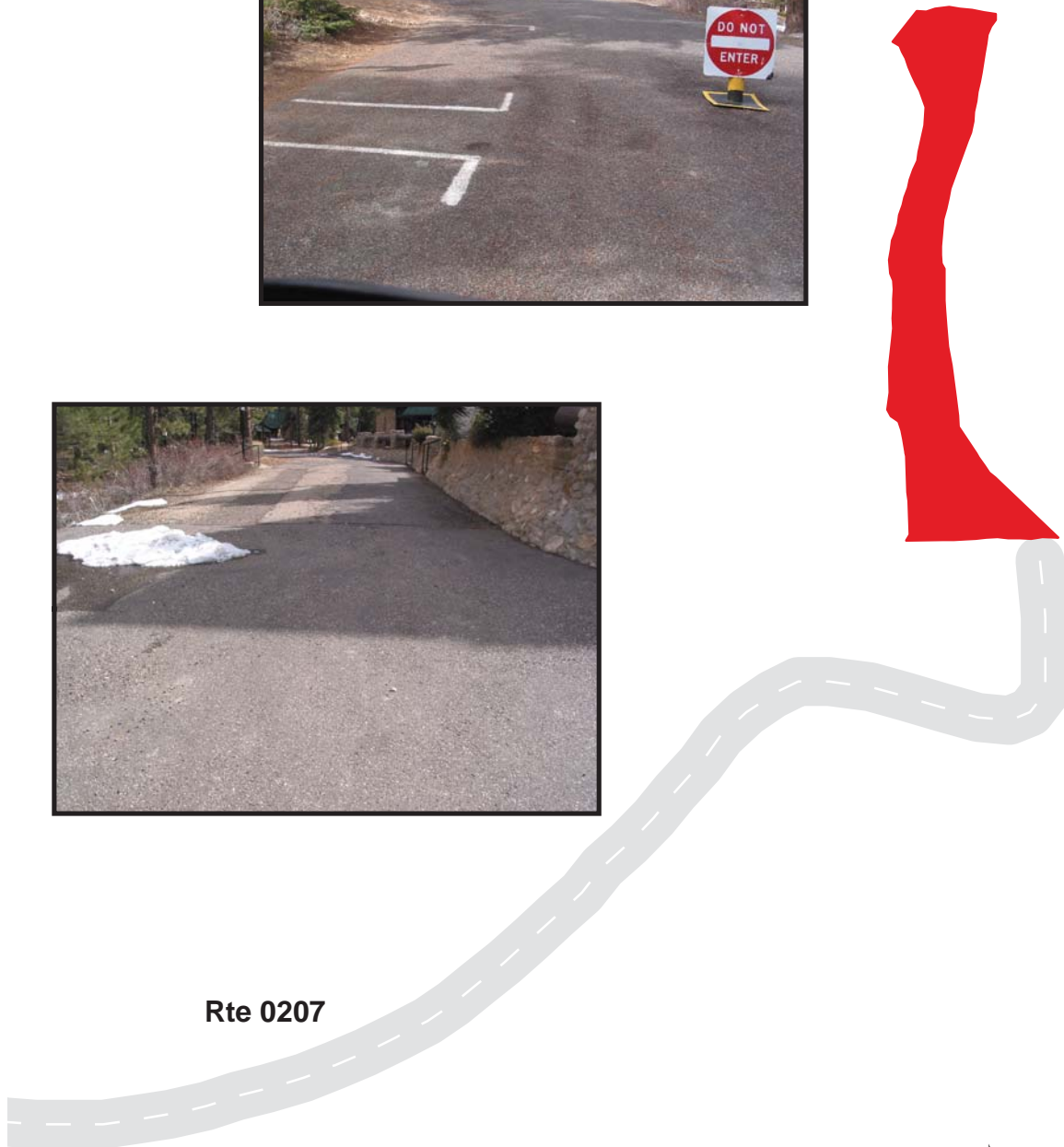
Route 0914

Lodge Service Parking

From Route 0207

Route	Public / NonPublic	Date Visited	Area (sq ft)	Lane Miles *	Surface Type	Condition / PCR
0914	Public	4/3/2003	8079	0.14	AS	POOR / 45

* Lane miles are based on 11' lane widths



Bryce Canyon National Park

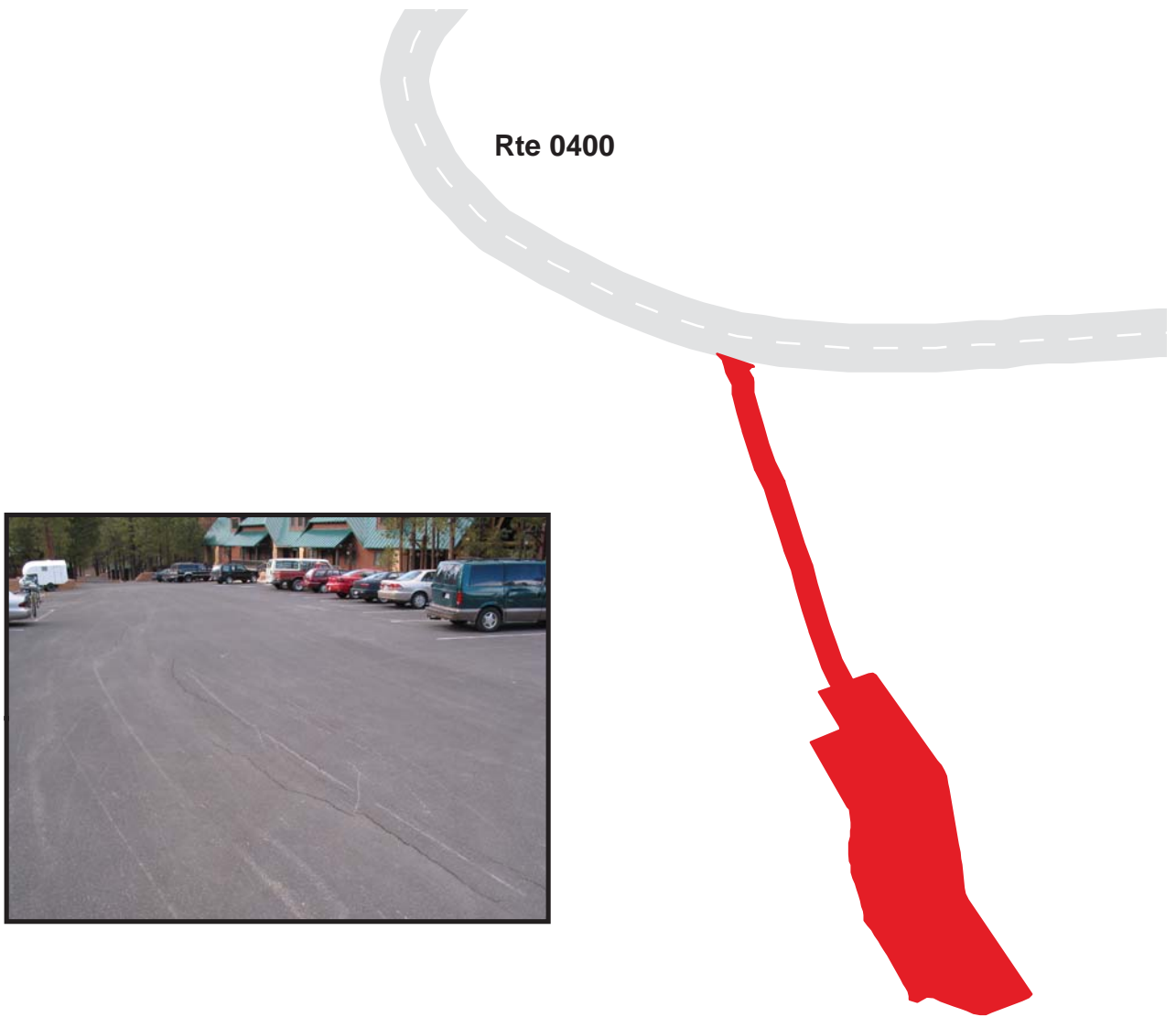
Route 0916A

Historical Residence Parking A

From Route 0400 at MP 0.11

Route	Public / NonPublic	Date Visited	Area (sq ft)	Lane Miles *	Surface Type	Condition / PCR
0916A	NonPublic	4/3/2003	22207	0.38	AS	GOOD / 90

* Lane miles are based on 11' lane widths



100 50 0 100
Feet



Bryce Canyon National Park

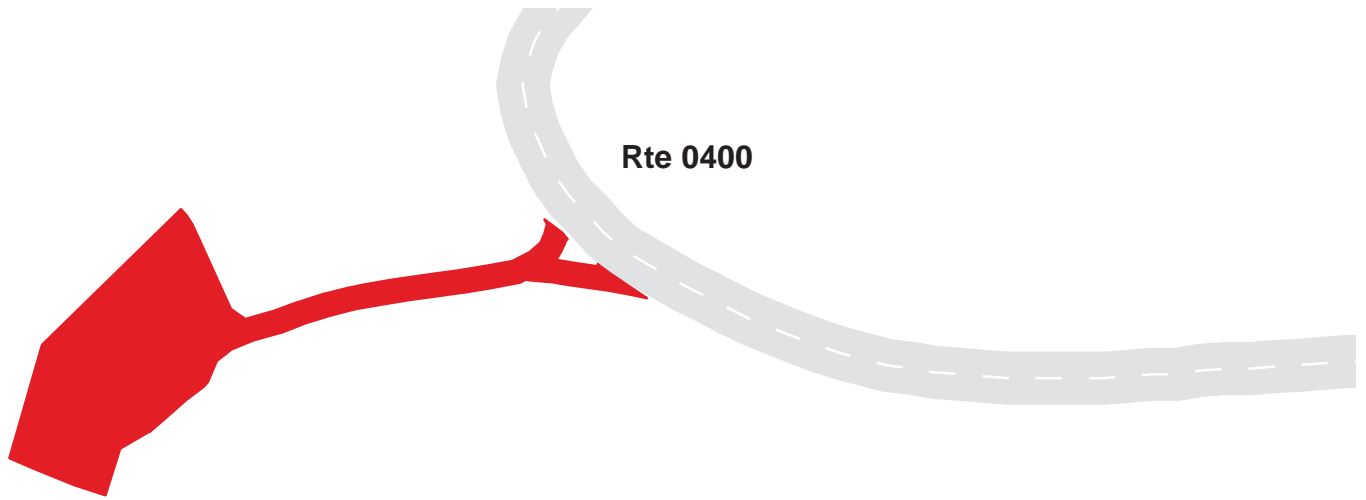
Route 0916B

Historical Residence Parking B

From Route 0400 at MP 0.14

Route	Public / NonPublic	Date Visited	Area (sq ft)	Lane Miles *	Surface Type	Condition / PCR
0916B	NonPublic	4/3/2003	19682	0.34	AS	FAIR / 73

* Lane miles are based on 11' lane widths



Bryce Canyon National Park

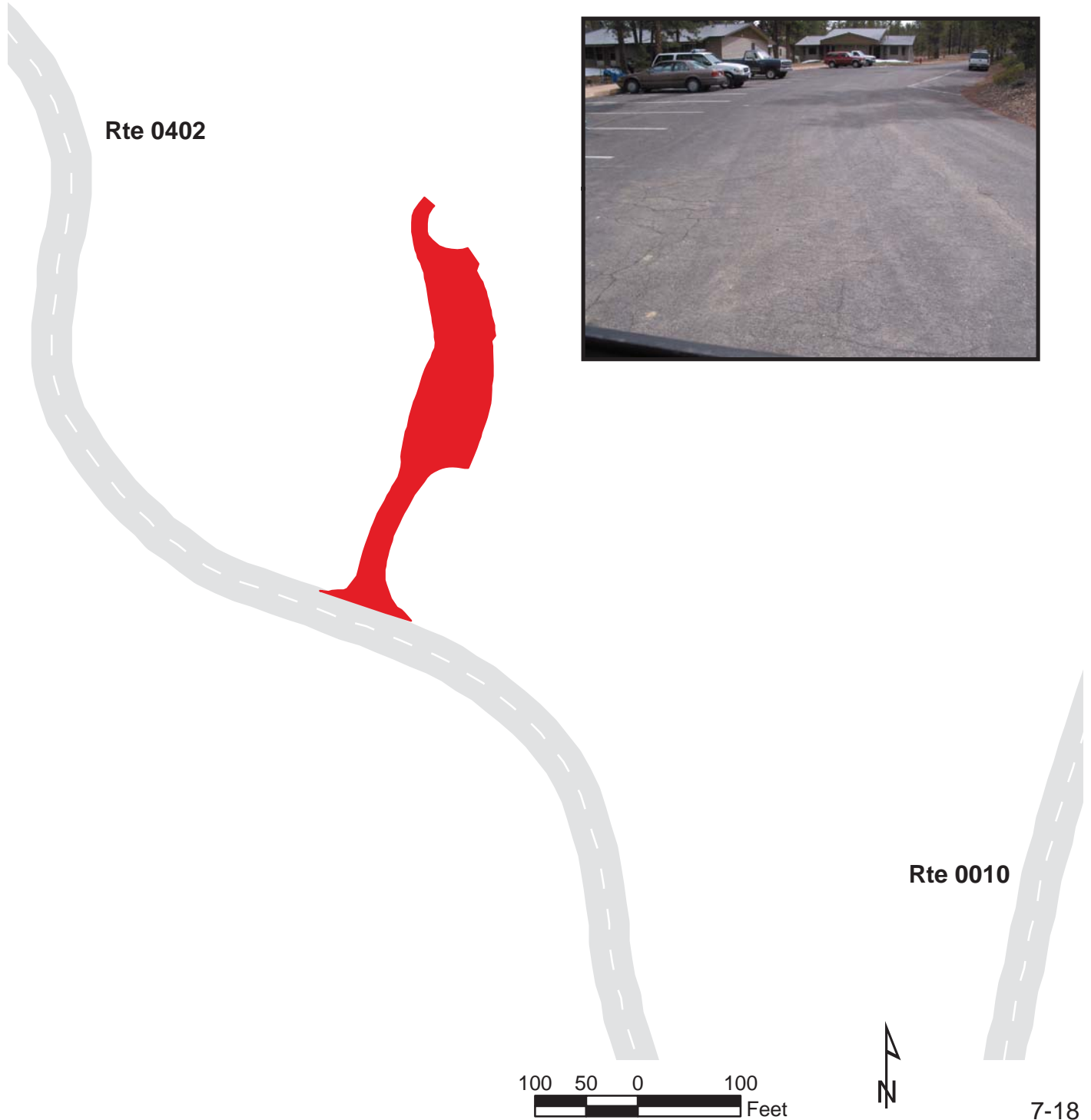
Route 0917

Mission 66 Parking

From Route 0402

Route	Public / NonPublic	Date Visited	Area (sq ft)	Lane Miles *	Surface Type	Condition / PCR
0917	NonPublic	4/3/2003	14528	0.25	OC	POOR / 45

* Lane miles are based on 11' lane widths



Bryce Canyon National Park

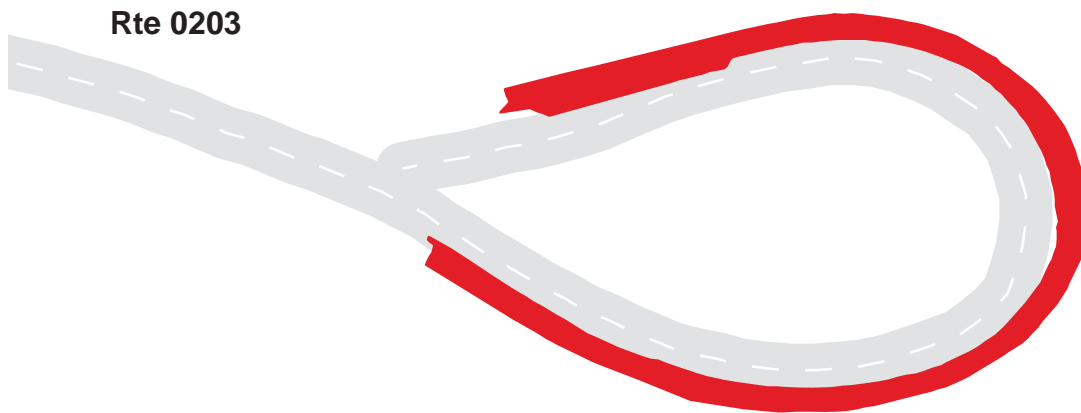
Route 0918A

Sunset Point Parking

Adjacent to Route 0203 on Right

Route	Public / NonPublic	Date Visited	Area (sq ft)	Lane Miles *	Surface Type	Condition / PCR
0918A	Public	4/3/2003	17054	0.29	AS	GOOD / 90

* Lane miles are based on 11' lane widths



Bryce Canyon National Park

Route 0918B

Sunset Point Parking

Adjacent to Route 0203 on Left

Route	Public / NonPublic	Date Visited	Area (sq ft)	Lane Miles *	Surface Type	Condition / PCR
0918B	Public	4/3/2003	11465	0.20	AS	GOOD / 90

* Lane miles are based on 11' lane widths



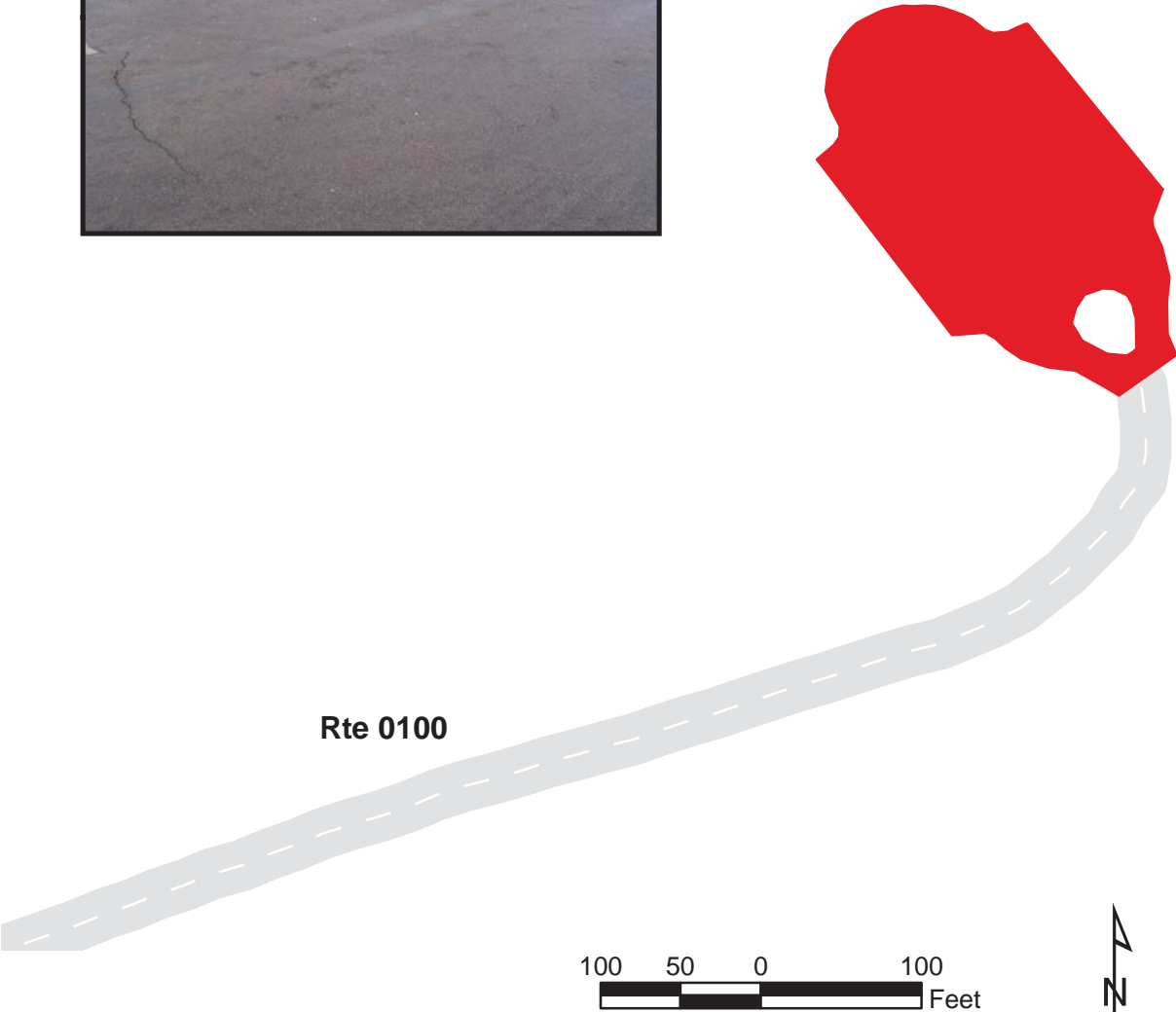
Bryce Canyon National Park

Route 0919

Bryce Point Parking
From End of Route 0100

Route	Public / NonPublic	Date Visited	Area (sq ft)	Lane Miles *	Surface Type	Condition / PCR
0919	Public	4/3/2003	26599	0.46	AS	GOOD / 90

* Lane miles are based on 11' lane widths



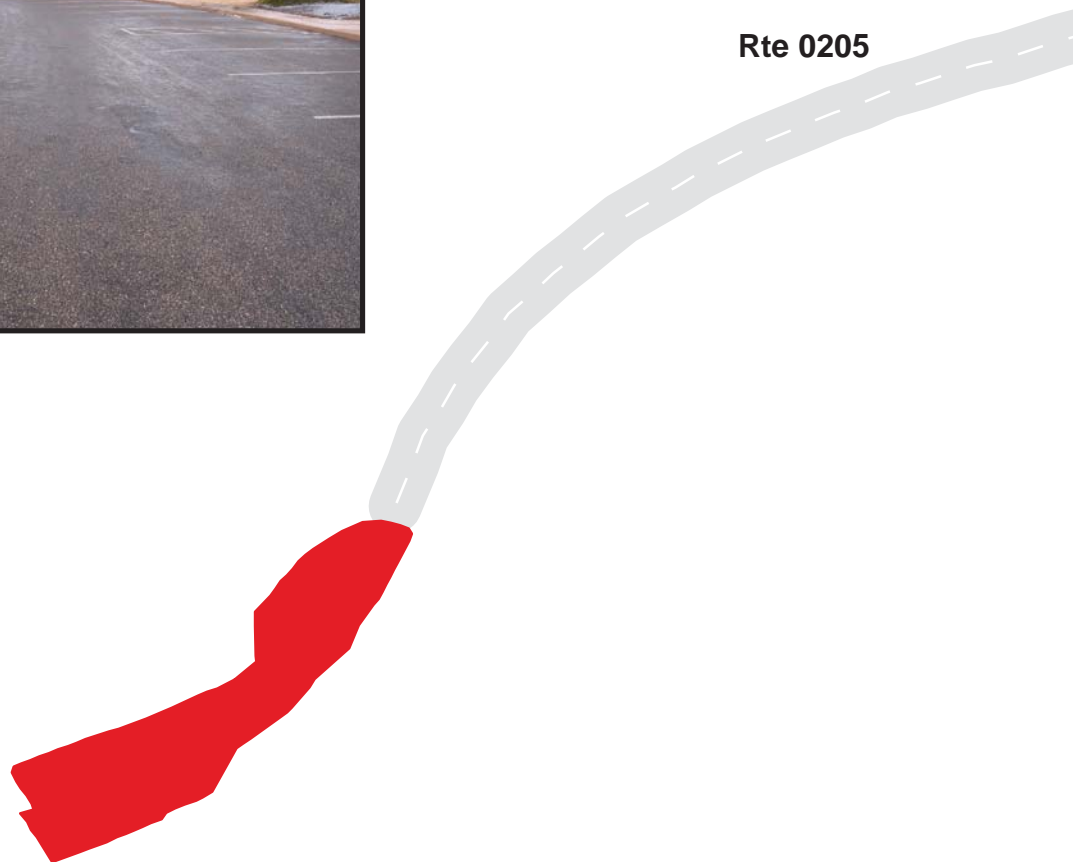
Bryce Canyon National Park

Route 0920

Paria View Parking
From End of Route 0205

Route	Public / NonPublic	Date Visited	Area (sq ft)	Lane Miles *	Surface Type	Condition / PCR
0920	Public	4/3/2003	11845	0.20	AS	GOOD / 90

* Lane miles are based on 11' lane widths



Bryce Canyon National Park

Route 0921

Inspiration Point Parking
From End of Route 0204

Route	Public / NonPublic	Date Visited	Area (sq ft)	Lane Miles *	Surface Type	Condition / PCR
0921	Public	4/3/2003	33318	0.57	AS	GOOD / 90

* Lane miles are based on 11' lane widths



Bryce Canyon National Park

Route 0922

Fairview Point Parking

Adjacent To Route 0010 at MP. 10.7

Route	Public / NonPublic	Date Visited	Area (sq ft)	Lane Miles *	Surface Type	Condition / PCR
0922	Public	4/3/2003	45894	0.79	AS	GOOD / 90

* Lane miles are based on 11' lane widths



Rte 0010



Bryce Canyon National Park

Route 0923

Natural Bridge Parking

Adjacent To Route 0010 at MP. 12.5

Route	Public / NonPublic	Date Visited	Area (sq ft)	Lane Miles *	Surface Type	Condition / PCR
0923	Public	4/3/2003	23304	0.40	AS	GOOD / 90

* Lane miles are based on 11' lane widths



Bryce Canyon National Park

Route 0924

Agua Canyon Parking

Adjacent To Route 0010 at MP. 13.9

Route	Public / NonPublic	Date Visited	Area (sq ft)	Lane Miles *	Surface Type	Condition / PCR
0924	Public	4/3/2003	10348	0.18	AS	GOOD / 90

* Lane miles are based on 11' lane widths



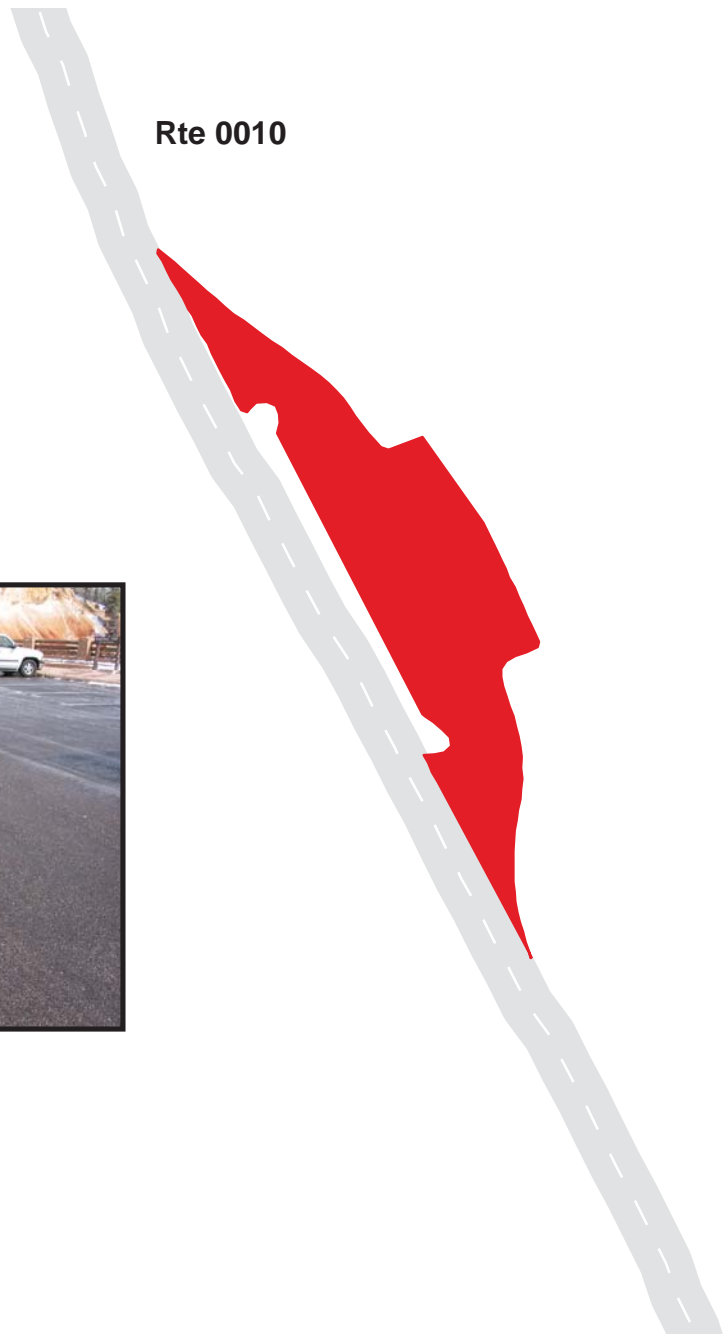
Bryce Canyon National Park

Route 0925

Ponderosa Point Parking
Adjacent To Route 0010 at MP. 14.9

Route	Public / NonPublic	Date Visited	Area (sq ft)	Lane Miles *	Surface Type	Condition / PCR
0925	Public	4/3/2003	12417	0.21	AS	GOOD / 90

* Lane miles are based on 11' lane widths



Bryce Canyon National Park

Route 0926

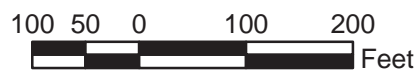
Rainbow Point Parking
From End of Route 0010

Route	Public / NonPublic	Date Visited	Area (sq ft)	Lane Miles *	Surface Type	Condition / PCR
0926	Public	4/3/2003	42754	0.74	AS	GOOD / 90

* Lane miles are based on 11' lane widths



Rte 0010



Bryce Canyon National Park

Route 0927

North Entrance Sign Parking
Adjacent To Route 0010 at North Entrance Sign

Route	Public / NonPublic	Date Visited	Area (sq ft)	Lane Miles *	Surface Type	Condition / PCR
0927	Public	4/3/2003	15902	0.27	AS	EXCELLENT / 97

* Lane miles are based on 11' lane widths



Bryce Canyon National Park

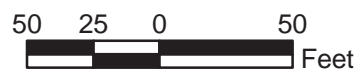
Route 0928

Route 010 Pullout At Mp 17.2

Adjacent To Route 0010 at MP. 17.2

Route	Public / NonPublic	Date Visited	Area (sq ft)	Lane Miles *	Surface Type	Condition / PCR
0928	Public	4/3/2003	1816	0.03	AS	GOOD / 90

* Lane miles are based on 11' lane widths



Bryce Canyon National Park

Route 0929

Route 010 Pullout At Mp 15.8
Adjacent To Route 0010 at MP 15.8

Route	Public / NonPublic	Date Visited	Area (sq ft)	Lane Miles *	Surface Type	Condition / PCR
0929	Public	4/3/2003	2017	0.03	AS	GOOD / 90

* Lane miles are based on 11' lane widths



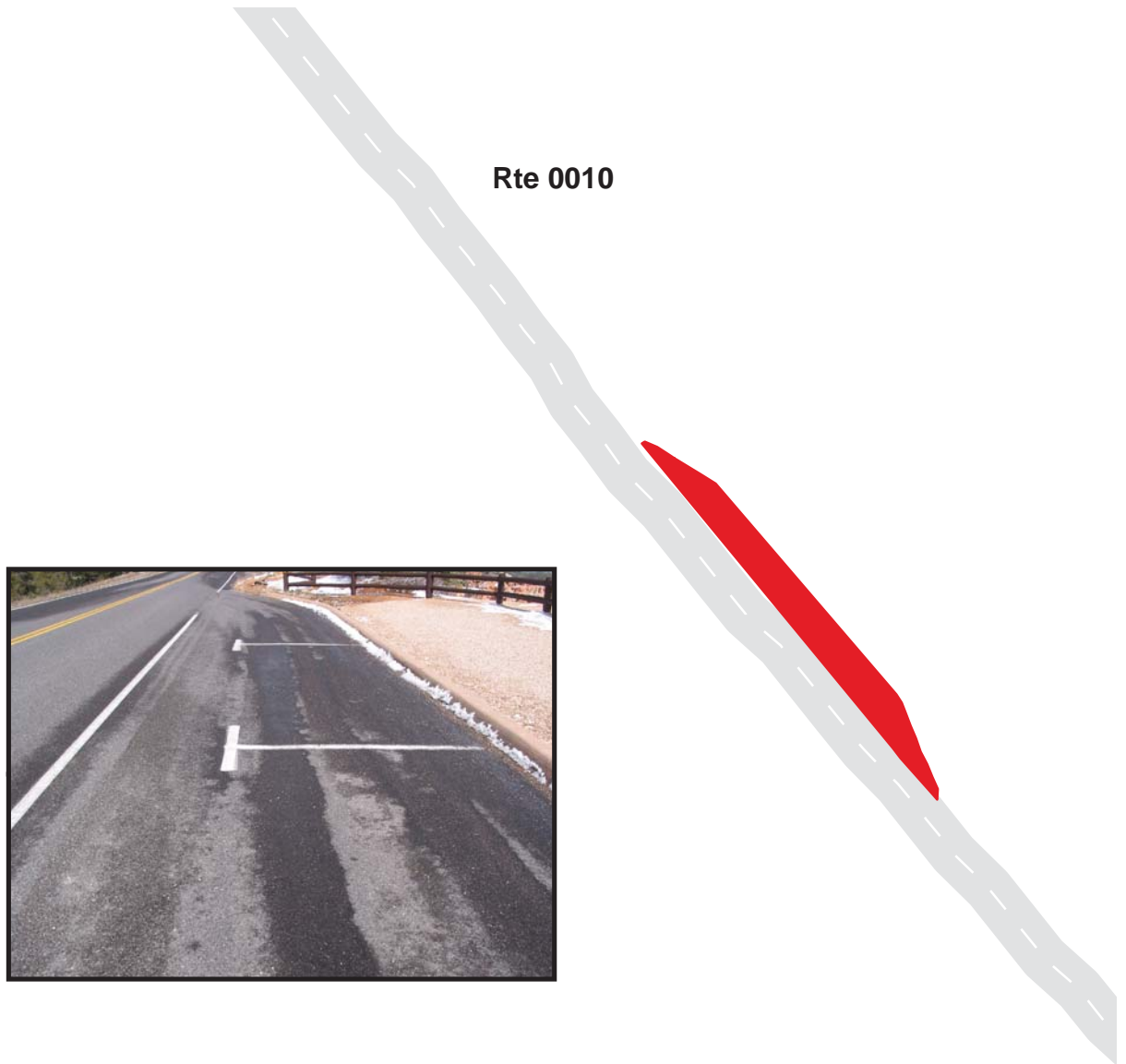
Bryce Canyon National Park

Route 0930

Route 010 Pullout At Mp 15.6
Adjacent To Route 0010 at MP 15.6

Route	Public / NonPublic	Date Visited	Area (sq ft)	Lane Miles *	Surface Type	Condition / PCR
0930	Public	4/3/2003	1694	0.03	AS	GOOD / 90

* Lane miles are based on 11' lane widths



Bryce Canyon National Park

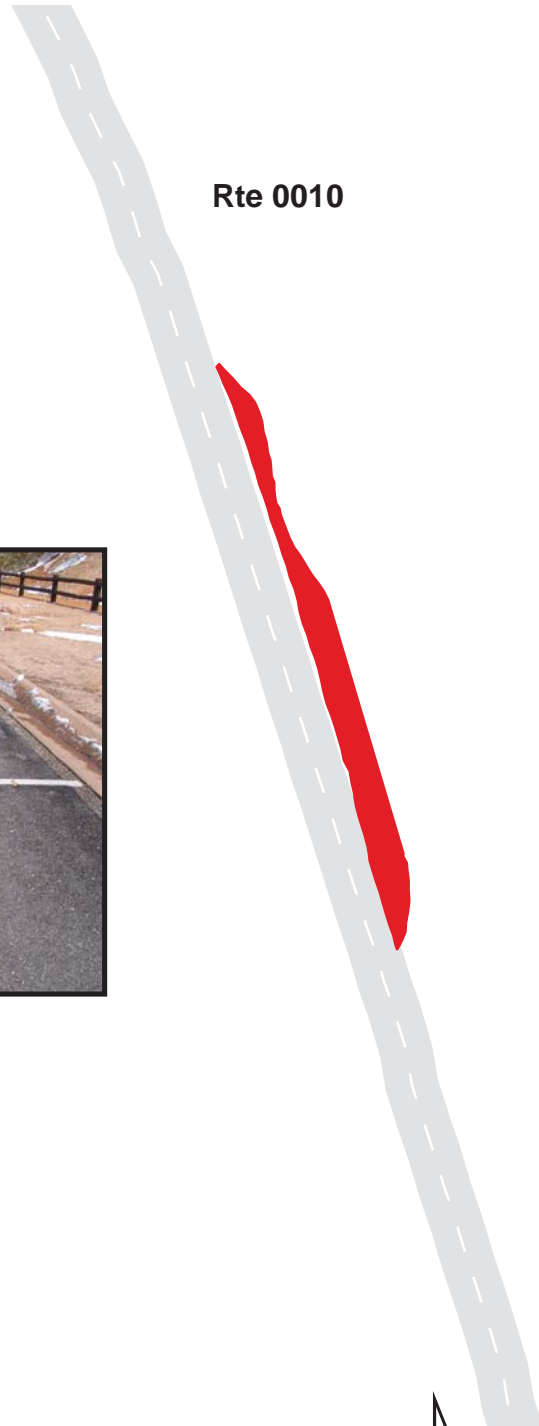
Route 0931

Route 010 Pullout At Mp 13.2

Adjacent To Route 0010 AT MP. 13.2

Route	Public / NonPublic	Date Visited	Area (sq ft)	Lane Miles *	Surface Type	Condition / PCR
0931	Public	4/3/2003	2756	0.05	AS	GOOD / 90

* Lane miles are based on 11' lane widths



Bryce Canyon National Park

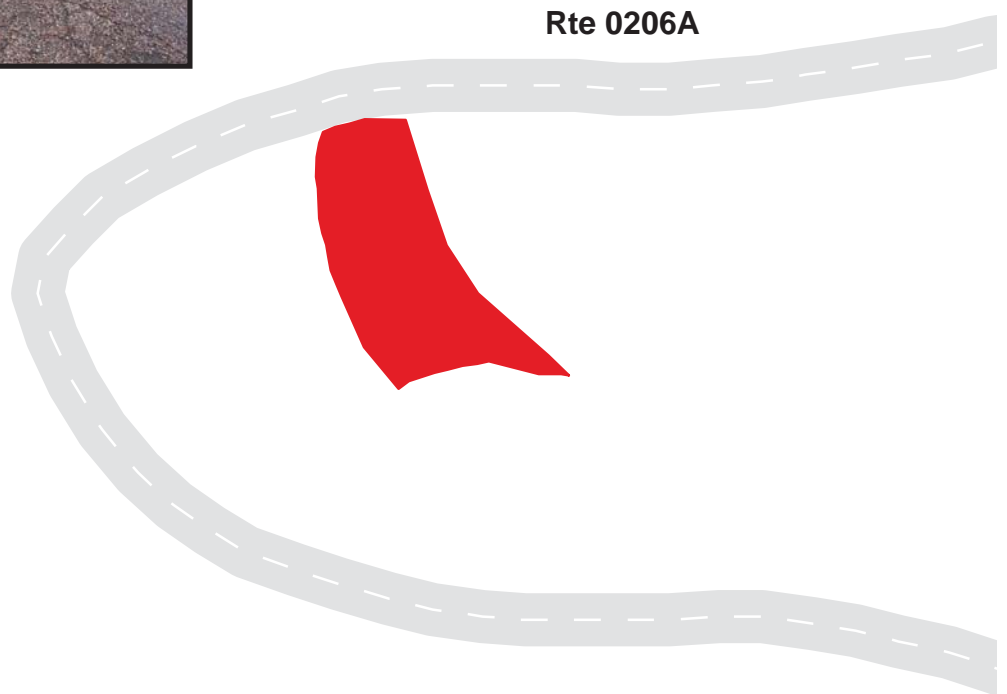
Route 0932

Sunset Campground Campfire Circle Parking

Adjacent To Route 0206A

Route	Public / NonPublic	Date Visited	Area (sq ft)	Lane Miles *	Surface Type	Condition / PCR
0932	Public	4/3/2003	3825	0.07	AS	POOR / 45

* Lane miles are based on 11' lane widths



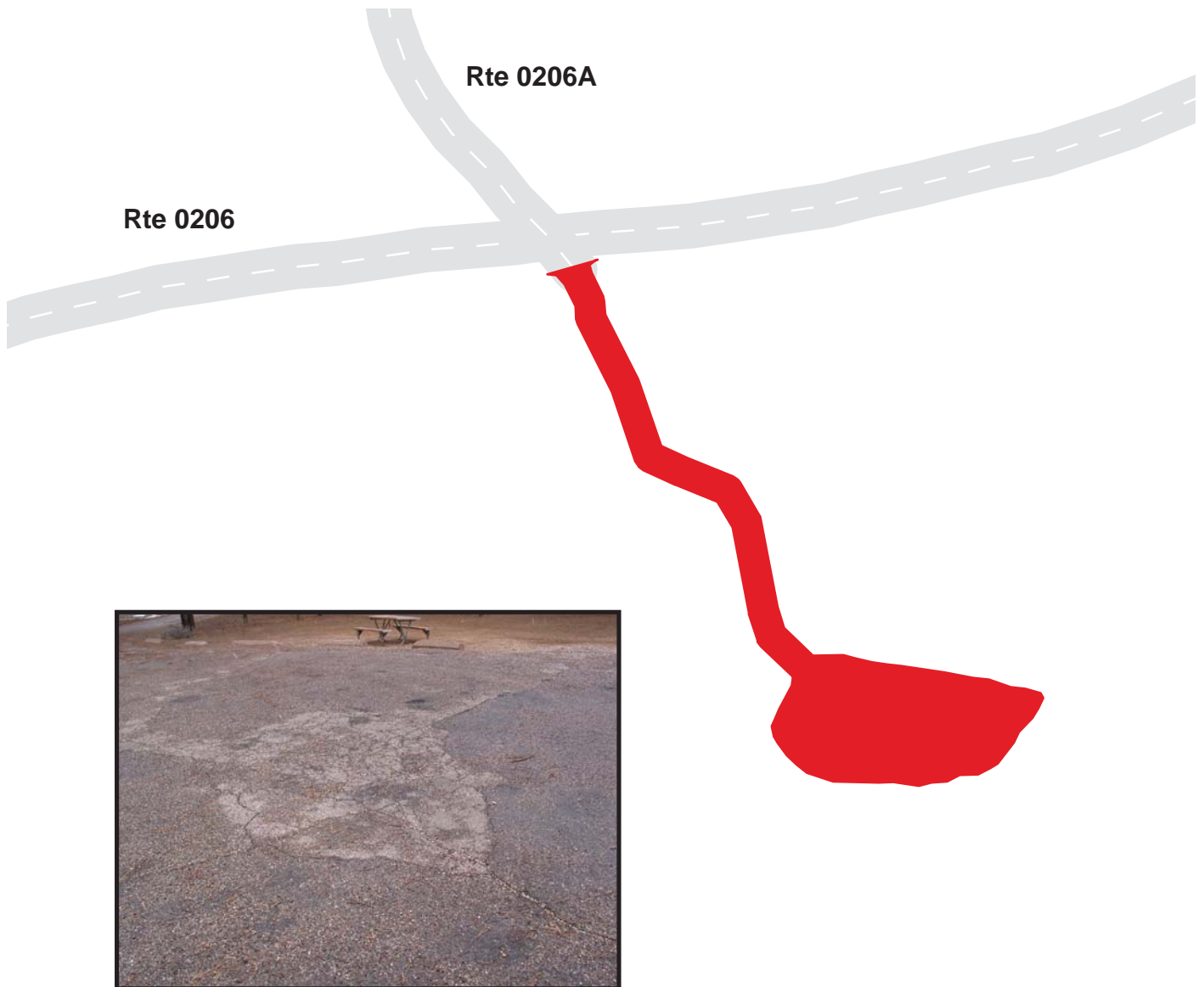
Bryce Canyon National Park

Route 0933

Sunset Campground Group Site Parking
Adjacent To Route 0206

Route	Public / NonPublic	Date Visited	Area (sq ft)	Lane Miles *	Surface Type	Condition / PCR
0933	Public	4/3/2003	5311	0.09	AS	POOR / 45

* Lane miles are based on 11' lane widths



Bryce Canyon National Park

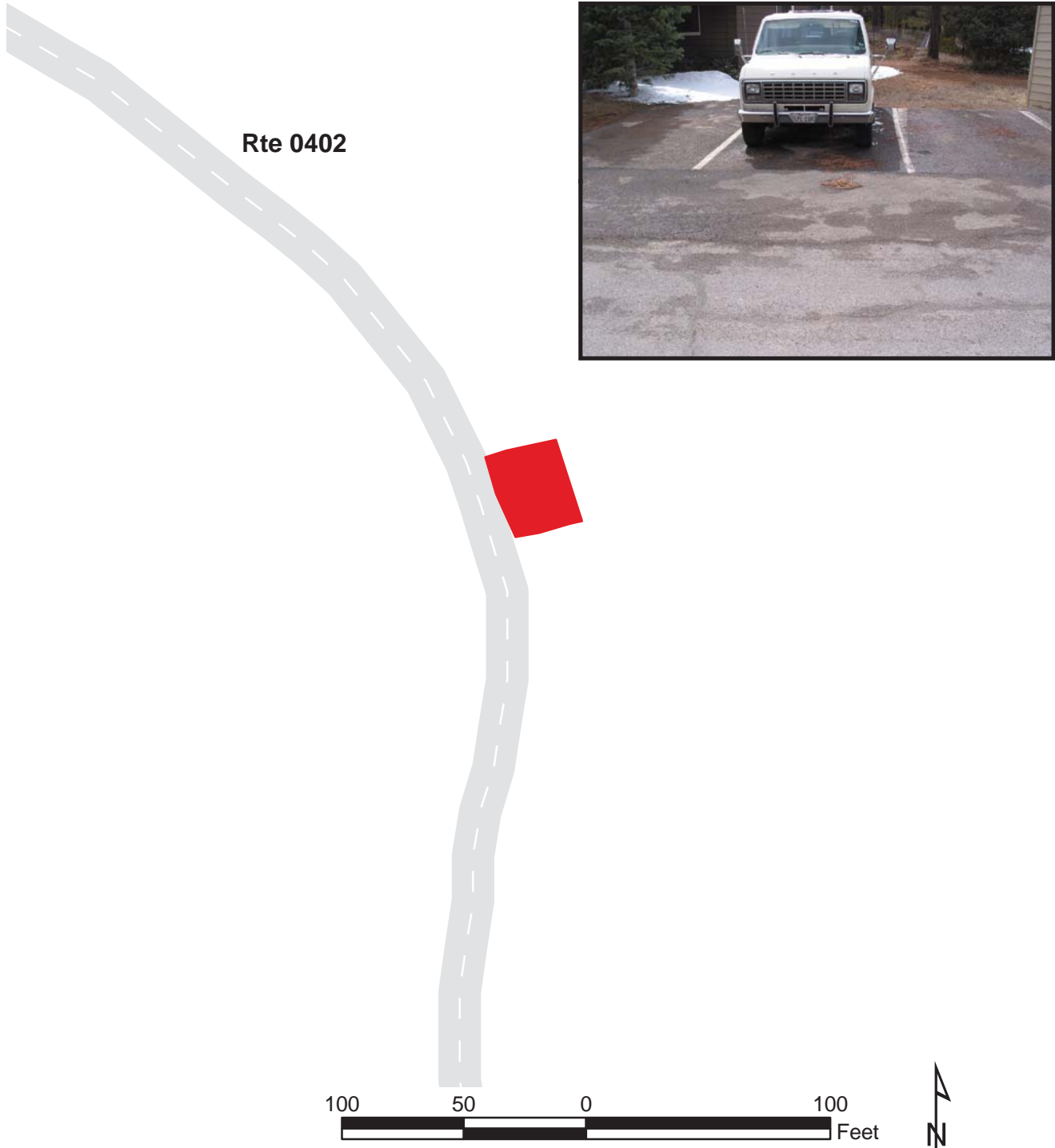
Route 0934A

New Residential Parking A

Adjacent To Route 0402

Route	Public / NonPublic	Date Visited	Area (sq ft)	Lane Miles *	Surface Type	Condition / PCR
0934A	NonPublic	4/3/2003	826	0.01	OC	GOOD / 90

* Lane miles are based on 11' lane widths



Bryce Canyon National Park

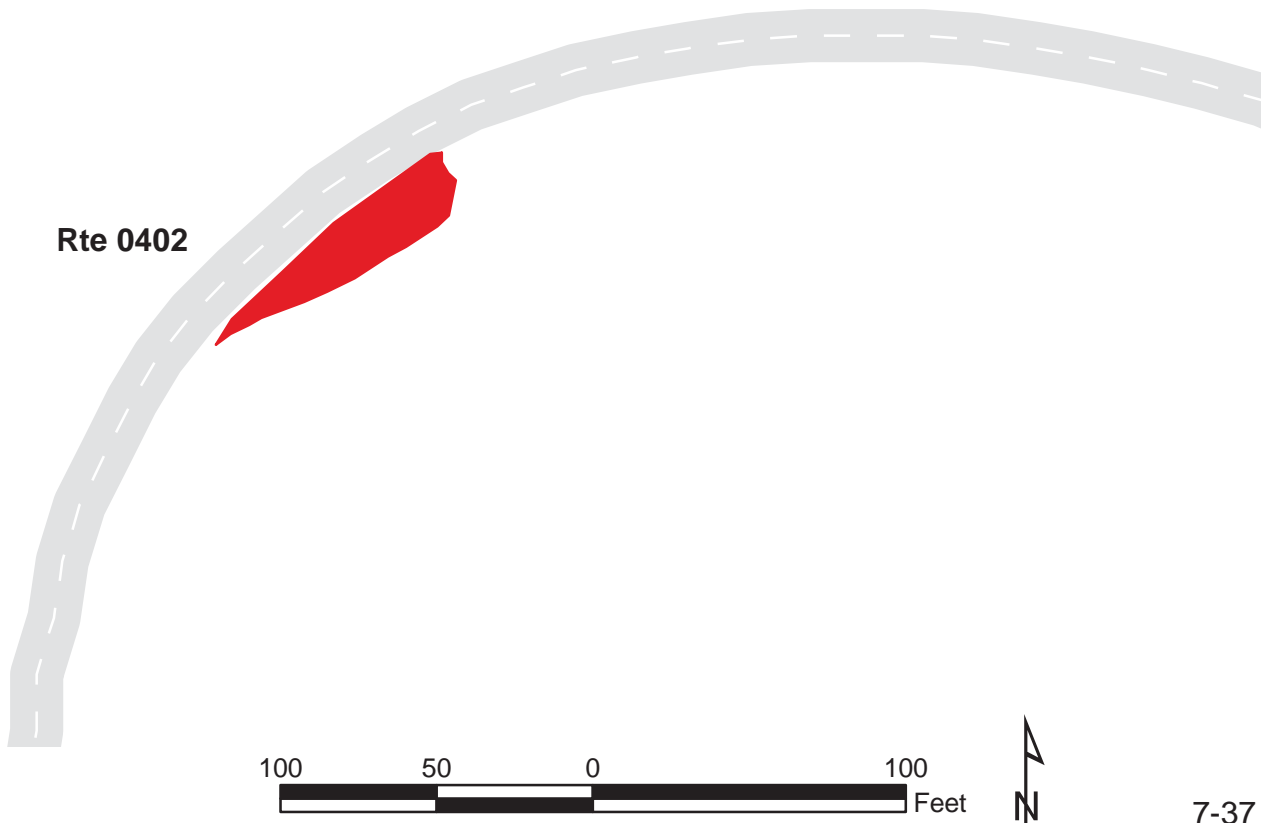
Route 0934B

New Residential Parking B

Adjacent To Route 0402

Route	Public / NonPublic	Date Visited	Area (sq ft)	Lane Miles *	Surface Type	Condition / PCR
0934B	NonPublic	4/3/2003	1006	0.02	OC	GOOD / 90

* Lane miles are based on 11' lane widths



Bryce Canyon National Park

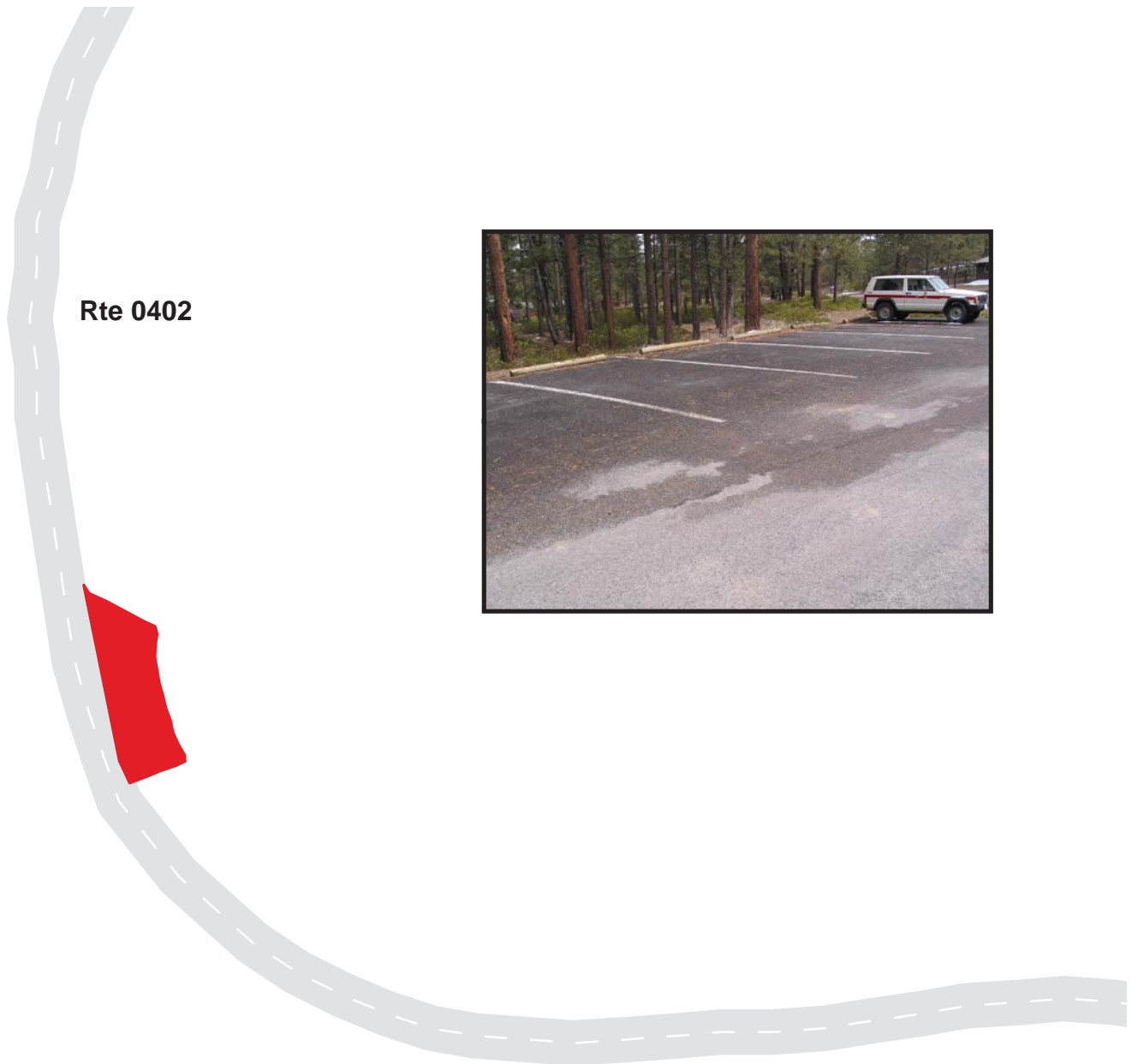
Route 0934C

New Residential Parking C

Adjacent To Route 0402

Route	Public / NonPublic	Date Visited	Area (sq ft)	Lane Miles *	Surface Type	Condition / PCR
0934C	NonPublic	4/3/2003	1106	0.02	OC	GOOD / 90

* Lane miles are based on 11' lane widths



Bryce Canyon National Park

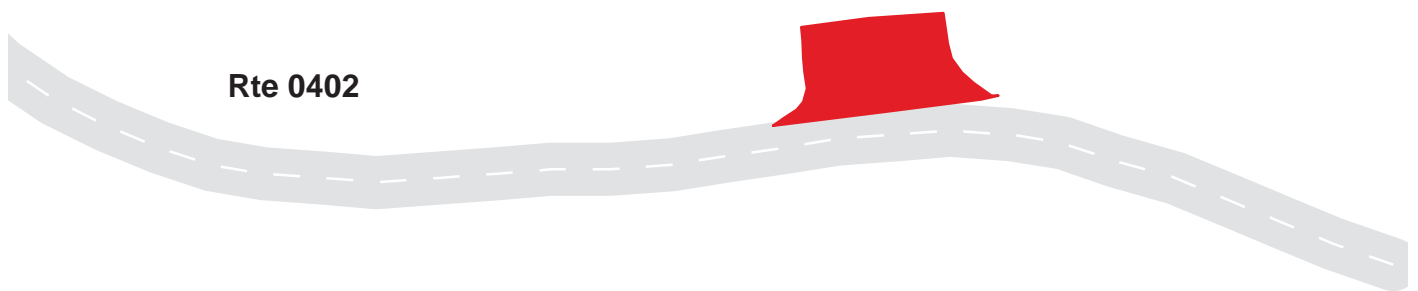
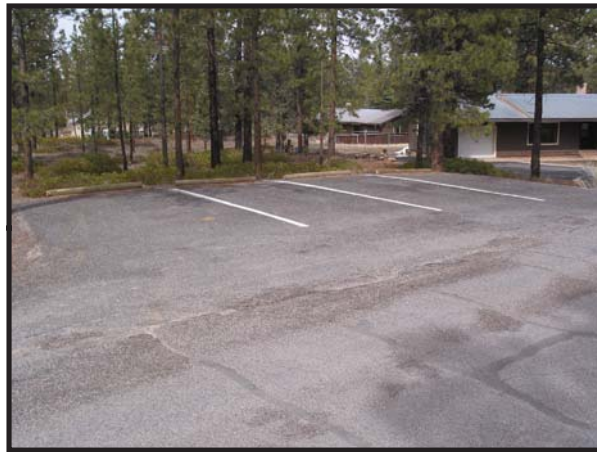
Route 0934D

New Residential Parking D

Adjacent To Route 0402

Route	Public / NonPublic	Date Visited	Area (sq ft)	Lane Miles *	Surface Type	Condition / PCR
0934D	NonPublic	4/3/2003	1206	0.02	OC	GOOD / 90

* Lane miles are based on 11' lane widths



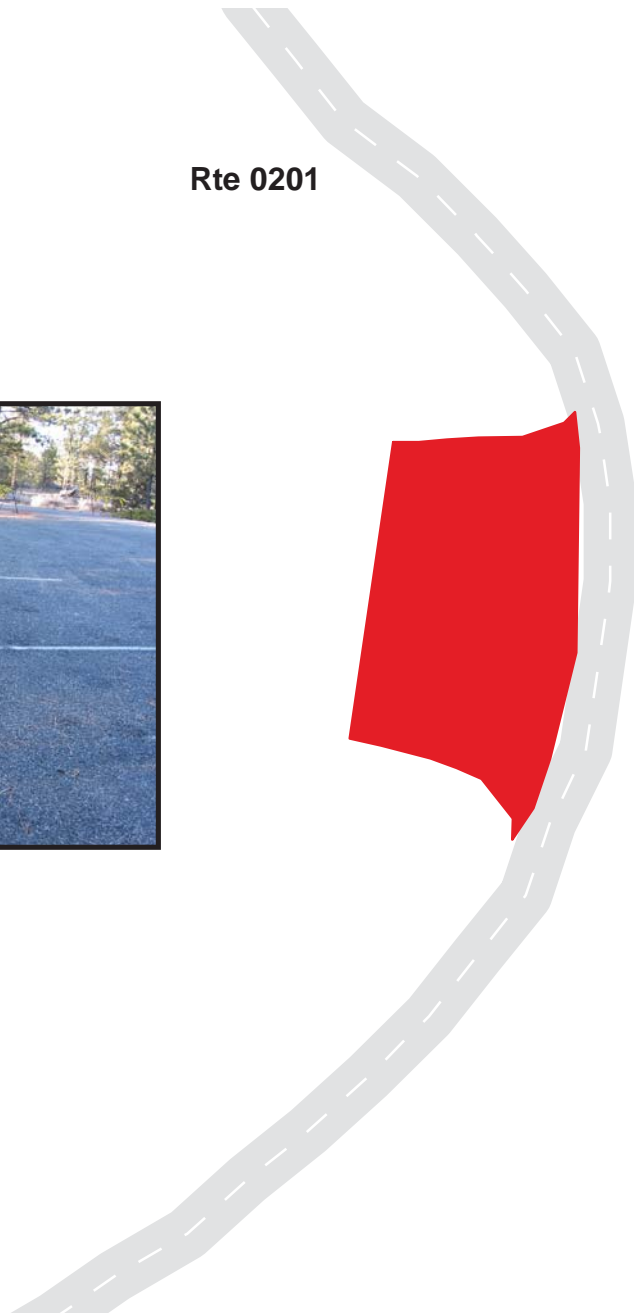
Bryce Canyon National Park

Route 0935A

North Campground Picnic Area Parking A
Adjacent to Route 0201

Route	Public / NonPublic	Date Visited	Area (sq ft)	Lane Miles *	Surface Type	Condition / PCR
0935A	Public	4/3/2003	2847	0.05	NC	GOOD / 90

* Lane miles are based on 11' lane widths



Bryce Canyon National Park

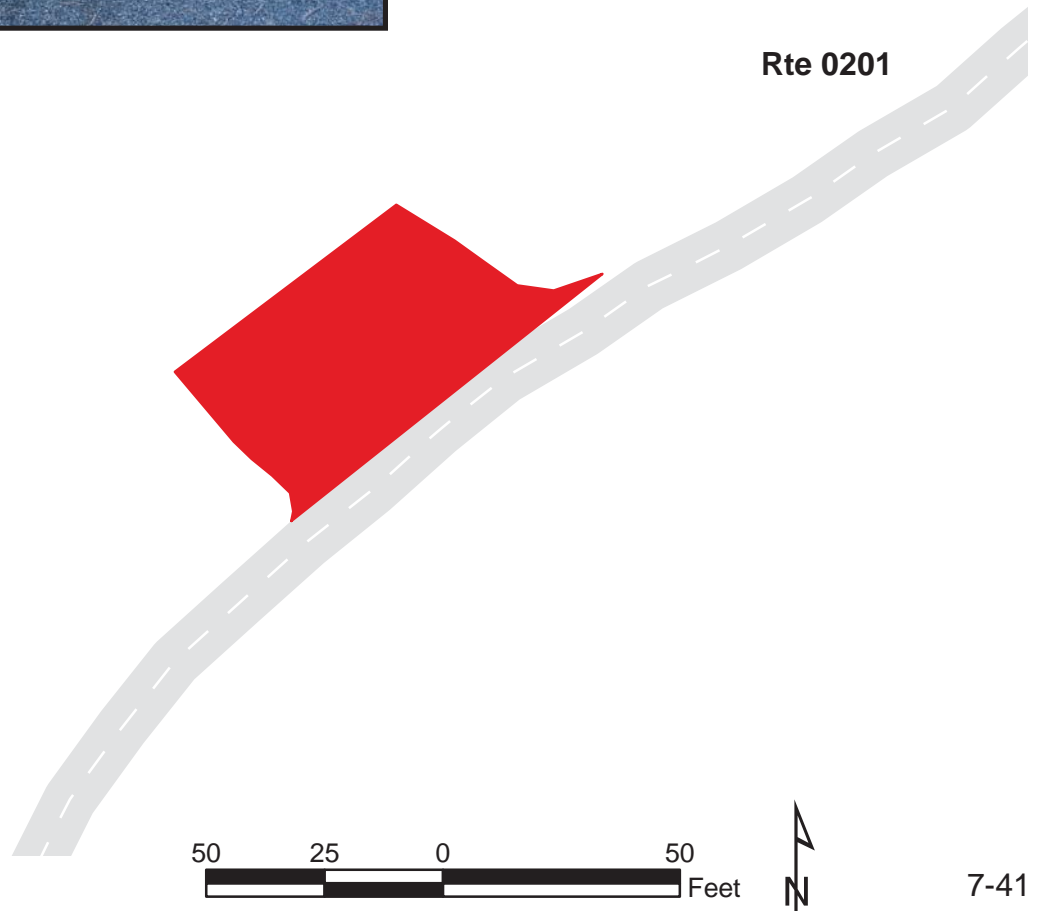
Route 0935B

North Campground Picnic Area Parking B

Adjacent to Route 0201

Route	Public / NonPublic	Date Visited	Area (sq ft)	Lane Miles *	Surface Type	Condition / PCR
0935B	Public	4/3/2003	2015	0.03	NC	GOOD / 90

* Lane miles are based on 11' lane widths



Bryce Canyon National Park

Route 0936

North Campground Campfire Circle Parking
Adjacent To Route 0201

Route	Public / NonPublic	Date Visited	Area (sq ft)	Lane Miles *	Surface Type	Condition / PCR
0936	Public	4/3/2003	3112	0.05	NC	GOOD / 90

* Lane miles are based on 11' lane widths



BRCA: PARKWIDE MAINTENANCE FEATURES SUMMARY

<i>FEATURE</i>	<i>PARK TOTAL</i>	<i>UNIT</i>
BRIDGE	0	EACH
CATTLE GUARD	0	EACH
CULVERT	160	EACH
CURB	22,113	LINEAR FEET
DROP INLET	23	EACH
GUARD WALL	0	LINEAR FEET
GUARDRAIL	4,245	LINEAR FEET
INTERSECTION	208	EACH
LOW WATER CROSSING	0	EACH
OVERHEAD SIGN	0	EACH
PARK BOUNDARY	0	EACH
PAVED DITCH	0	LINEAR FEET
PULLOUT	11	EACH
RAILROAD CROSSING	0	EACH
RETAINING WALL	4	EACH
STATE BOUNDARY	0	EACH
TRAFFIC LIGHT	0	EACH
TUNNEL	0	EACH
TURNOUT	0	LINEAR FEET

BRCA: ROUTE MAINTENANCE FEATURES SUMMARY

<i>FEATURE</i>	<i>ROUTE 0010 RAINBOW POINT RIM ROAD</i>	<i>ROUTE 0011 LODGE ROAD</i>	<i>ROUTE 0100 BRYCE POINT ROAD</i>	<i>ROUTE 0200 FAIRYLAND SPUR ROAD</i>	<i>ROUTE 0201 NORTH CAMPGROUND ROAD</i>	<i>ROUTE 0201AA NORTH CAMPGROUND LOOP ROAD A, OUTER LOOP</i>	<i>UNIT</i>
BRIDGE	0	0	0	0	0	0	EACH
CATTLE GUARD	0	0	0	0	0	0	EACH
CULVERT	95	2	14	6	5	1	EACH
CURB	20,793	0	0	0	0	0	LINEAR FEET
DROP INLET	23	0	0	0	0	0	EACH
GUARD WALL	0	0	0	0	0	0	LINEAR FEET
GUARDRAIL	4,245	0	0	0	0	0	LINEAR FEET
INTERSECTION	41	14	7	2	19	5	EACH
LOW WATER CROSSING	0	0	0	0	0	0	EACH
OVERHEAD SIGN	0	0	0	0	0	0	EACH
PARK BOUNDARY	0	0	0	0	0	0	EACH
PAVED DITCH	0	0	0	0	0	0	LINEAR FEET
PULLOUT	5	1	0	0	2	3	EACH
RAILROAD CROSSING	0	0	0	0	0	0	EACH
RETAINING WALL	4	0	0	0	0	0	EACH
STATE BOUNDARY	0	0	0	0	0	0	EACH
TRAFFIC LIGHT	0	0	0	0	0	0	EACH
TUNNEL	0	0	0	0	0	0	EACH
TURNOUT	0	0	0	0	0	0	LINEAR FEET

BRCA: ROUTE MAINTENANCE FEATURES SUMMARY

<i>FEATURE</i>	<i>ROUTE 0201AB NORTH CAMPGROUND LOOP ROAD A, CONNECTOR</i>	<i>ROUTE 0201BA NORTH CAMPGROUND LOOP ROAD B, OUTERLOOP</i>	<i>ROUTE 0201BB NORTH CAMPGROUND LOOP ROAD B</i>	<i>ROUTE 0201C NORTH CAMPGROUND LOOP ROAD C</i>	<i>ROUTE 0201DA NORTH CAMPGROUND LOOP ROAD D, OUTERLOOP</i>	<i>ROUTE 0201DB NORTH CAMPGROUND LOOP ROAD D, CONNECTOR</i>	<i>UNIT</i>
BRIDGE	0	0	0	0	0	0	EACH
CATTLE GUARD	0	0	0	0	0	0	EACH
CULVERT	2	1	0	0	1	1	EACH
CURB	0	0	0	0	0	0	LINEAR FEET
DROP INLET	0	0	0	0	0	0	EACH
GUARD WALL	0	0	0	0	0	0	LINEAR FEET
GUARDRAIL	0	0	0	0	0	0	LINEAR FEET
INTERSECTION	4	4	4	4	10	4	EACH
LOW WATER CROSSING	0	0	0	0	0	0	EACH
OVERHEAD SIGN	0	0	0	0	0	0	EACH
PARK BOUNDARY	0	0	0	0	0	0	EACH
PAVED DITCH	0	0	0	0	0	0	LINEAR FEET
PULLOUT	0	0	0	0	0	0	EACH
RAILROAD CROSSING	0	0	0	0	0	0	EACH
RETAINING WALL	0	0	0	0	0	0	EACH
STATE BOUNDARY	0	0	0	0	0	0	EACH
TRAFFIC LIGHT	0	0	0	0	0	0	EACH
TUNNEL	0	0	0	0	0	0	EACH
TURNOUT	0	0	0	0	0	0	LINEAR FEET

BRCA: ROUTE MAINTENANCE FEATURES SUMMARY

<i>FEATURE</i>	<i>ROUTE 0201DC NORTH CAMPGROUND LOOP ROAD D, CONNECTOR</i>	<i>ROUTE 0202 SUNRISE POINT ROAD</i>	<i>ROUTE 0203 SUNSET POINT ROAD</i>	<i>ROUTE 0204 INSPIRATION POINT ROAD</i>	<i>ROUTE 0205 PARIA VIEW ROAD</i>	<i>ROUTE 0206 SUNSET CAMPGROUND ROAD</i>	<i>UNIT</i>
BRIDGE	0	0	0	0	0	0	EACH
CATTLE GUARD	0	0	0	0	0	0	EACH
CULVERT	3	1	1	2	1	3	EACH
CURB	0	42	1,019	111	0	0	LINEAR FEET
DROP INLET	0	0	0	0	0	0	EACH
GUARD WALL	0	0	0	0	0	0	LINEAR FEET
GUARDRAIL	0	0	0	0	0	0	LINEAR FEET
INTERSECTION	4	12	10	3	3	9	EACH
LOW WATER CROSSING	0	0	0	0	0	0	EACH
OVERHEAD SIGN	0	0	0	0	0	0	EACH
PARK BOUNDARY	0	0	0	0	0	0	EACH
PAVED DITCH	0	0	0	0	0	0	LINEAR FEET
PULLOUT	0	0	0	0	0	0	EACH
RAILROAD CROSSING	0	0	0	0	0	0	EACH
RETAINING WALL	0	0	0	0	0	0	EACH
STATE BOUNDARY	0	0	0	0	0	0	EACH
TRAFFIC LIGHT	0	0	0	0	0	0	EACH
TUNNEL	0	0	0	0	0	0	EACH
TURNOUT	0	0	0	0	0	0	LINEAR FEET

BRCA: ROUTE MAINTENANCE FEATURES SUMMARY

<i>FEATURE</i>	<i>ROUTE 0206A SUNSET CAMPGROUND ROAD LOOP A</i>	<i>ROUTE 0206B SUNSET CAMPGROUND ROAD LOOP B</i>	<i>ROUTE 0206C SUNSET CAMPGROUND ROAD LOOP C</i>	<i>ROUTE 0207 SUNSET UNIT ROAD</i>	<i>ROUTE 0400 HISTORICAL RESIDENTIAL ROAD</i>	<i>ROUTE 0401 MIXING CIRCLE ROAD</i>	<i>UNIT</i>
BRIDGE	0	0	0	0	0	0	EACH
CATTLE GUARD	0	0	0	0	0	0	EACH
CULVERT	4	3	2	2	4	3	EACH
CURB	0	0	0	148	0	0	LINEAR FEET
DROP INLET	0	0	0	0	0	0	EACH
GUARD WALL	0	0	0	0	0	0	LINEAR FEET
GUARDRAIL	0	0	0	0	0	0	LINEAR FEET
INTERSECTION	5	7	4	11	7	9	EACH
LOW WATER CROSSING	0	0	0	0	0	0	EACH
OVERHEAD SIGN	0	0	0	0	0	0	EACH
PARK BOUNDARY	0	0	0	0	0	0	EACH
PAVED DITCH	0	0	0	0	0	0	LINEAR FEET
PULLOUT	0	0	0	0	0	0	EACH
RAILROAD CROSSING	0	0	0	0	0	0	EACH
RETAINING WALL	0	0	0	0	0	0	EACH
STATE BOUNDARY	0	0	0	0	0	0	EACH
TRAFFIC LIGHT	0	0	0	0	0	0	EACH
TUNNEL	0	0	0	0	0	0	EACH
TURNOUT	0	0	0	0	0	0	LINEAR FEET

BRCA: ROUTE MAINTENANCE FEATURES SUMMARY

<i>FEATURE</i>	<i>ROUTE 0402 NEW RESIDENTIAL ROAD</i>	<i>UNIT</i>
BRIDGE	0	EACH
CATTLE GUARD	0	EACH
CULVERT	3	EACH
CURB	0	LINEAR FEET
DROP INLET	0	EACH
GUARD WALL	0	LINEAR FEET
GUARDRAIL	0	LINEAR FEET
INTERSECTION	6	EACH
LOW WATER CROSSING	0	EACH
OVERHEAD SIGN	0	EACH
PARK BOUNDARY	0	EACH
PAVED DITCH	0	LINEAR FEET
PULLOUT	0	EACH
RAILROAD CROSSING	0	EACH
RETAINING WALL	0	EACH
STATE BOUNDARY	0	EACH
TRAFFIC LIGHT	0	EACH
TUNNEL	0	EACH
TURNOUT	0	LINEAR FEET

BRCA: ROUTE MAINTENANCE FEATURES ROAD LOG

ROUTE 0010 : RAINBOW POINT RIM ROAD

<i>FROM MILEPOST</i>	<i>TO MILEPOST</i>	<i>FEATURE</i>	<i>SIDE</i>	<i>COMMENT</i>
0.000	0.000			ROUTE BEGINS AT NORTH PARK BOUNDARY
0.037	0.037	INTERSECTION	RIGHT	UNPAVED ROAD
0.054	0.054	INTERSECTION	RIGHT	RTE 927
0.099	0.099	INTERSECTION	RIGHT	RTE 927
0.115	0.115	CULVERT	N/A	
0.354	0.354	INTERSECTION	LEFT	RTE 200
0.396	0.396	CULVERT	N/A	
0.518	0.518	CULVERT	N/A	
0.745	0.745	CULVERT	N/A	
0.827	0.827	CULVERT	N/A	
1.096	1.096	INTERSECTION	LEFT	
1.099	1.099	INTERSECTION	RIGHT	RTE 901
1.103	1.103	CULVERT	N/A	
1.134	1.151	CURB	RIGHT	
1.134	1.158	CURB	LEFT	
1.156	1.159	CURB	RIGHT	
1.168	1.168	INTERSECTION	LEFT	CONNECTOR RD WITH RTE 010
1.224	1.224	INTERSECTION	RIGHT	RTE 902
1.275	1.275	INTERSECTION	LEFT	RTE 201
1.277	1.277	CULVERT	N/A	
1.329	1.374	PULLOUT	RIGHT	
1.387	1.387	CULVERT	N/A	
1.463	1.494	PULLOUT	LEFT	
1.627	1.627	INTERSECTION	LEFT	RTE 011
1.690	1.690	CULVERT	N/A	
1.753	1.753	CULVERT	N/A	
1.762	1.762	INTERSECTION	RIGHT	RTE 411

BRCA: ROUTE MAINTENANCE FEATURES ROAD LOG

ROUTE 0010 : RAINBOW POINT RIM ROAD

<i>FROM MILEPOST</i>	<i>TO MILEPOST</i>	<i>FEATURE</i>	<i>SIDE</i>	<i>COMMENT</i>
1.775	1.775	CULVERT	N/A	
1.986	1.986	CULVERT	N/A	
2.046	2.046	INTERSECTION	RIGHT	RTE 401
2.148	2.148	INTERSECTION	LEFT	RTE 011
2.254	2.254	CULVERT	N/A	
2.340	2.340	INTERSECTION	LEFT	RTE 203
2.479	2.479	INTERSECTION	RIGHT	RTE 206
2.535	2.535	INTERSECTION	LEFT	RTE 408
2.556	2.556	INTERSECTION	LEFT	RTE 408
2.808	2.808	INTERSECTION	LEFT	RTE 100
2.881	2.881	INTERSECTION	LEFT	RTE 100
2.922	2.922	CULVERT	N/A	
3.212	3.212	CULVERT	N/A	
3.213	3.250	PULLOUT	LEFT	
3.457	3.457	CULVERT	N/A	
3.584	3.584	CULVERT	N/A	
3.700	3.700	CULVERT	N/A	
3.976	3.976	CULVERT	N/A	
4.063	4.063	CULVERT	N/A	
4.071	4.071	CULVERT	N/A	
4.340	4.340	CULVERT	N/A	
4.573	4.573	CULVERT	N/A	
4.607	4.607	INTERSECTION	RIGHT	UNPAVED PICNIC AREA PARKING
4.684	4.684	CULVERT	N/A	
4.842	4.842	CULVERT	N/A	
4.877	4.877	CULVERT	N/A	
4.932	4.932	CULVERT	N/A	

BRCA: ROUTE MAINTENANCE FEATURES ROAD LOG

ROUTE 0010 : RAINBOW POINT RIM ROAD

<i>FROM MILEPOST</i>	<i>TO MILEPOST</i>	<i>FEATURE</i>	<i>SIDE</i>	<i>COMMENT</i>
5.027	5.027	CULVERT	N/A	
5.097	5.097	CULVERT	N/A	
5.223	5.223	CULVERT	N/A	
5.275	5.275	CULVERT	N/A	
5.312	5.312	CULVERT	N/A	
5.633	5.633	CULVERT	N/A	
5.823	5.823	CULVERT	N/A	
5.889	5.889	CULVERT	N/A	
5.965	5.965	CULVERT	N/A	
6.011	6.011	CULVERT	N/A	
6.071	6.071	CULVERT	N/A	
6.205	6.205	INTERSECTION	LEFT	
6.270	6.270	CULVERT	N/A	
6.390	6.390	CULVERT	N/A	
6.436	6.436	CULVERT	N/A	
6.469	6.469	CULVERT	N/A	
6.520	6.520	CULVERT	N/A	
6.615	6.615	CULVERT	N/A	
6.673	6.673	CULVERT	N/A	
6.814	6.814	CULVERT	N/A	
7.057	7.057	CULVERT	N/A	
7.200	7.200	CULVERT	N/A	
7.720	7.720	CULVERT	N/A	
7.981	7.981	CULVERT	N/A	
8.179	8.179	INTERSECTION	RIGHT	RTE 406
8.364	8.364	CULVERT	N/A	
9.068	9.108	PULLOUT	LEFT	

BRCA: ROUTE MAINTENANCE FEATURES ROAD LOG

ROUTE 0010 : RAINBOW POINT RIM ROAD

<i>FROM MILEPOST</i>	<i>TO MILEPOST</i>	<i>FEATURE</i>	<i>SIDE</i>	<i>COMMENT</i>
9.074	9.115	GUARDRAIL	LEFT	
9.489	9.489	CULVERT	N/A	
9.618	9.618	INTERSECTION	RIGHT	UNPAVED PARKING/PULLOUT
9.662	9.662	INTERSECTION	RIGHT	UNPAVED PARKING/PULLOUT
10.485	10.485	CULVERT	N/A	
10.588	10.588	CULVERT	N/A	
10.667	10.667	INTERSECTION	LEFT	RTE 922
10.682	10.682	INTERSECTION	LEFT	RTE 922
10.706	10.706	INTERSECTION	LEFT	
10.750	10.750	CULVERT	N/A	
11.003	11.003	CULVERT	N/A	
11.359	11.359	CULVERT	N/A	
11.461	11.461	CULVERT	N/A	
11.631	11.631	CULVERT	N/A	
11.718	11.718	INTERSECTION	RIGHT	UNPAVED ROUTE
11.775	11.775	CULVERT	N/A	
11.836	11.907	CURB	LEFT	
11.860	11.860	CULVERT	N/A	
11.947	11.947	CULVERT	N/A	
12.059	12.059	CULVERT	N/A	
12.060	12.410	CURB	LEFT	
12.186	12.186	DROP INLET	LEFT	
12.194	12.284	CURB	RIGHT	
12.276	12.276	DROP INLET	RIGHT	
12.280	12.280	DROP INLET	LEFT	
12.284	12.284	CULVERT	N/A	
12.385	12.486	RETAINING WALL	RIGHT	

BRCA: ROUTE MAINTENANCE FEATURES ROAD LOG

ROUTE 0010 : RAINBOW POINT RIM ROAD

<i>FROM MILEPOST</i>	<i>TO MILEPOST</i>	<i>FEATURE</i>	<i>SIDE</i>	<i>COMMENT</i>
12.410	12.519	GUARDRAIL	RIGHT	
12.413	12.512	CURB	RIGHT	
12.432	12.432	INTERSECTION	LEFT	RTE 923
12.437	12.541	CURB	LEFT	
12.440	12.505	CURB	LEFT	
12.482	12.482	DROP INLET	RIGHT	
12.515	12.515	INTERSECTION	LEFT	RTE 923
12.615	12.615	CULVERT	N/A	
12.728	12.728	CULVERT	N/A	
12.769	12.858	GUARDRAIL	RIGHT	
12.802	12.802	CULVERT	N/A	
12.900	12.900	CULVERT	N/A	
12.900	13.012	CURB	LEFT	
12.963	12.963	DROP INLET	LEFT	
13.020	13.020	CULVERT	N/A	
13.150	13.150	CULVERT	N/A	
13.163	13.286	CURB	LEFT	
13.184	13.225	GUARDRAIL	LEFT	
13.191	13.191	INTERSECTION	LEFT	RTE 931
13.213	13.213	DROP INLET	LEFT	
13.319	13.319	CULVERT	N/A	
13.398	13.398	CULVERT	N/A	
13.475	13.475	CULVERT	N/A	
13.527	13.616	CURB	LEFT	
13.544	13.544	DROP INLET	LEFT	
13.657	13.657	CULVERT	N/A	
13.768	13.831	CURB	LEFT	

BRCA: ROUTE MAINTENANCE FEATURES ROAD LOG

ROUTE 0010 : RAINBOW POINT RIM ROAD

<i>FROM MILEPOST</i>	<i>TO MILEPOST</i>	<i>FEATURE</i>	<i>SIDE</i>	<i>COMMENT</i>
13.804	13.804	DROP INLET	LEFT	
13.820	14.087	GUARDRAIL	RIGHT	
13.825	14.020	CURB	RIGHT	
13.846	13.981	RETAINING WALL	RIGHT	
13.883	13.883	INTERSECTION	LEFT	RTE 924
13.909	13.909	DROP INLET	RIGHT	
13.920	13.920	DROP INLET	RIGHT	
13.932	13.932	DROP INLET	RIGHT	
13.933	13.933	INTERSECTION	LEFT	RTE 924
14.002	14.031	CURB	LEFT	
14.017	14.062	RETAINING WALL	RIGHT	
14.029	14.085	CURB	RIGHT	
14.094	14.466	CURB	LEFT	
14.113	14.113	DROP INLET	LEFT	
14.179	14.179	DROP INLET	LEFT	
14.203	14.203	DROP INLET	LEFT	
14.223	14.309	CURB	RIGHT	
14.286	14.286	DROP INLET	LEFT	
14.288	14.288	CULVERT	N/A	
14.383	14.383	DROP INLET	LEFT	
14.491	14.491	CULVERT	N/A	
14.501	14.700	CURB	LEFT	
14.596	14.596	DROP INLET	LEFT	
14.732	14.732	CULVERT	N/A	
14.881	14.881	INTERSECTION	LEFT	RTE 925
14.883	14.883	CULVERT	N/A	
14.941	14.941	INTERSECTION	LEFT	RTE 925

BRCA: ROUTE MAINTENANCE FEATURES ROAD LOG

ROUTE 0010 : RAINBOW POINT RIM ROAD

<i>FROM MILEPOST</i>	<i>TO MILEPOST</i>	<i>FEATURE</i>	<i>SIDE</i>	<i>COMMENT</i>
14.987	15.058	CURB	RIGHT	
15.042	15.042	CULVERT	N/A	
15.047	15.175	CURB	LEFT	
15.308	15.352	CURB	RIGHT	
15.324	15.324	CULVERT	N/A	
15.329	15.440	CURB	LEFT	
15.487	15.487	CULVERT	N/A	
15.489	15.572	CURB	RIGHT	
15.510	15.597	CURB	LEFT	
15.595	15.595	DROP INLET	LEFT	
15.608	15.637	CURB	LEFT	
15.615	15.645	GUARDRAIL	LEFT	
15.620	15.620	INTERSECTION	LEFT	RTE 930
15.717	15.717	CULVERT	N/A	
15.773	15.817	CURB	LEFT	
15.777	15.777	CULVERT	N/A	
15.782	15.817	GUARDRAIL	LEFT	
15.787	15.787	INTERSECTION	LEFT	RTE 929
15.844	15.844	CULVERT	N/A	
15.975	15.975	CULVERT	N/A	
16.100	16.100	CULVERT	N/A	
16.241	16.241	CULVERT	N/A	
16.340	16.369	CURB	LEFT	
16.511	16.771	CURB	LEFT	
16.657	16.719	GUARDRAIL	RIGHT	
16.773	16.773	DROP INLET	LEFT	
16.835	16.835	CULVERT	N/A	

BRCA: ROUTE MAINTENANCE FEATURES ROAD LOG

ROUTE 0010 : RAINBOW POINT RIM ROAD

<i>FROM MILEPOST</i>	<i>TO MILEPOST</i>	<i>FEATURE</i>	<i>SIDE</i>	<i>COMMENT</i>
16.864	16.864	INTERSECTION	RIGHT	RTE 403
16.888	16.958	CURB	RIGHT	
16.890	16.890	CULVERT	N/A	
16.920	16.920	CULVERT	N/A	
16.942	17.146	CURB	LEFT	
16.984	16.984	DROP INLET	LEFT	
16.997	16.997	CULVERT	N/A	
17.165	17.222	CURB	RIGHT	
17.231	17.262	CURB	LEFT	
17.238	17.273	GUARDRAIL	LEFT	
17.238	17.274	PULLOUT	LEFT	
17.268	17.311	RETAINING WALL	RIGHT	
17.270	17.359	CURB	RIGHT	
17.271	17.366	GUARDRAIL	RIGHT	
17.293	17.293	CULVERT	N/A	
17.338	17.682	CURB	LEFT	
17.420	17.420	DROP INLET	LEFT	
17.532	17.532	DROP INLET	LEFT	
17.628	17.628	DROP INLET	LEFT	
17.631	17.631	CULVERT	N/A	
17.678	17.774	CURB	RIGHT	
17.727	17.727	CULVERT	N/A	
17.840	17.840	CULVERT	N/A	
17.992	18.006	CURB	RIGHT	
18.008	18.008	INTERSECTION	LEFT	
18.019	18.019	INTERSECTION	RIGHT	RAINBOW POINT PARKING ROUTE 0926

BRCA: ROUTE MAINTENANCE FEATURES ROAD LOG

ROUTE 0010 : RAINBOW POINT RIM ROAD

<i>FROM MILEPOST</i>	<i>TO MILEPOST</i>	<i>FEATURE</i>	<i>SIDE</i>	<i>COMMENT</i>
18.020	18.020			ROUTE ENDS AT RAINBOW POINT PARKING ROUTE 0926
18.025	18.025	INTERSECTION	LEFT	

BRCA: ROUTE MAINTENANCE FEATURES ROAD LOG

ROUTE 0011 : LODGE ROAD

<i>FROM MILEPOST</i>	<i>TO MILEPOST</i>	<i>FEATURE</i>	<i>SIDE</i>	<i>COMMENT</i>
0.000	0.000			ROUTE BEGINS AT NORTH INTERSECTION 010
0.010	0.010	INTERSECTION	LEFT	NORTH INTERSECTION 010
0.017	0.017	CULVERT	N/A	
0.228	0.228	INTERSECTION	RIGHT	RTE 400
0.283	0.283	CULVERT	N/A	
0.314	0.314	INTERSECTION	LEFT	RTE 202
0.332	0.373	PULLOUT	RIGHT	
0.486	0.486	INTERSECTION	RIGHT	RTE 400
0.516	0.516	INTERSECTION	LEFT	RTE 202
0.565	0.565	INTERSECTION	RIGHT	RTE 908
0.592	0.592	INTERSECTION	RIGHT	RTE 908
0.611	0.611	INTERSECTION	LEFT	RTE 909
0.638	0.638	INTERSECTION	LEFT	RTE 909
0.679	0.679	INTERSECTION	LEFT	RTE 910
0.750	0.750	INTERSECTION	LEFT	RTE 910
0.794	0.794	INTERSECTION	LEFT	RTE 207
0.929	0.929	INTERSECTION	LEFT	
0.930	0.930			ROUTE ENDS AT SOUTH INTERSECTION ROUTE 010
0.935	0.935	INTERSECTION	RIGHT	SOUTH INTERSECTION ROUTE 010

BRCA: ROUTE MAINTENANCE FEATURES ROAD LOG

ROUTE 0100 : BRYCE POINT ROAD

<i>FROM MILEPOST</i>	<i>TO MILEPOST</i>	<i>FEATURE</i>	<i>SIDE</i>	<i>COMMENT</i>
0.000	0.000			ROUTE BEGINS AT ROUTE 010 AT MP 28
0.006	0.006	INTERSECTION	RIGHT	ROUTE 010
0.061	0.061	CULVERT	N/A	
0.072	0.072	INTERSECTION	RIGHT	SPUR TO RTE 010
0.094	0.094	INTERSECTION	LEFT	RTE 204
0.139	0.139	INTERSECTION	LEFT	RTE 204
0.215	0.215	CULVERT	N/A	
0.428	0.428	CULVERT	N/A	
0.463	0.463	CULVERT	N/A	
0.579	0.579	CULVERT	N/A	
0.644	0.644	CULVERT	N/A	
0.706	0.706	CULVERT	N/A	
0.750	0.750	CULVERT	N/A	
0.968	0.968	CULVERT	N/A	
1.182	1.182	CULVERT	N/A	
1.254	1.254	CULVERT	N/A	
1.328	1.328	INTERSECTION	RIGHT	RTE 205
1.394	1.394	INTERSECTION	RIGHT	RTE 205
1.425	1.425	CULVERT	N/A	
1.702	1.702	CULVERT	N/A	
1.863	1.863	CULVERT	N/A	
1.950	1.950			ROUTE ENDS AT ROUTE 919 BRYCE POINT PARKING
1.957	1.957	INTERSECTION	LEFT	ROUTE 919 BRYCE POINT PARKING

BRCA: ROUTE MAINTENANCE FEATURES ROAD LOG

ROUTE 0200 : FAIRYLAND SPUR ROAD

<i>FROM MILEPOST</i>	<i>TO MILEPOST</i>	<i>FEATURE</i>	<i>SIDE</i>	<i>COMMENT</i>
0.000	0.000			ROUTE BEGINS AT ROUTE 010 AT MP 03
0.009	0.009	INTERSECTION	LEFT	ROUTE 010
0.014	0.014	CULVERT	N/A	
0.240	0.240	CULVERT	N/A	
0.426	0.426	CULVERT	N/A	
0.601	0.601	CULVERT	N/A	
0.817	0.817	CULVERT	N/A	
0.915	0.915	CULVERT	N/A	
0.959	0.959	INTERSECTION	LEFT	ROUTE 900
0.970	0.970			ROUTE ENDS AT ROUTE 900

BRCA: ROUTE MAINTENANCE FEATURES ROAD LOG

ROUTE 0201 : NORTH CAMPGROUND ROAD

<i>FROM MILEPOST</i>	<i>TO MILEPOST</i>	<i>FEATURE</i>	<i>SIDE</i>	<i>COMMENT</i>
0.000	0.000			ROUTE BEGINS AT ROUTE 010 AT MP 124 KEEPING RIGHT
0.001	0.001	INTERSECTION	RIGHT	ROUTE 010
0.081	0.101	PULLOUT	RIGHT	
0.118	0.118	CULVERT	N/A	
0.198	0.198	CULVERT	N/A	
0.210	0.210	INTERSECTION	LEFT	
0.220	0.220	INTERSECTION	LEFT	RTE 201AA (END A LOOP)
0.222	0.222	INTERSECTION	LEFT	
0.238	0.238	INTERSECTION	LEFT	
0.252	0.252	INTERSECTION	RIGHT	RTE 201BA (END OF B LOOP - DO NOT ENTER SIGN)
0.298	0.298	INTERSECTION	LEFT	
0.303	0.303	INTERSECTION	RIGHT	RTE 201BA (BEGIN OF B LOOP)
0.317	0.333	PULLOUT	RIGHT	
0.337	0.337	CULVERT	N/A	
0.363	0.363	INTERSECTION	RIGHT	RTE 201C (END OF C LOOP - DO NOT ENTER SIGN)
0.384	0.384	INTERSECTION	RIGHT	
0.425	0.425	CULVERT	N/A	
0.433	0.433	CULVERT	N/A	
0.439	0.439	INTERSECTION	RIGHT	RTE 201C (BEGIN OF C LOOP)
0.444	0.444	INTERSECTION	RIGHT	RTE 201DA
0.455	0.455	INTERSECTION	RIGHT	RTE 201DA SPUR
0.486	0.486	INTERSECTION	RIGHT	RTE 935A
0.535	0.535	INTERSECTION	RIGHT	RTE 935B
0.562	0.562	INTERSECTION	LEFT	RTE 936
0.601	0.601	INTERSECTION	LEFT	
0.608	0.608	INTERSECTION	LEFT	ROUTE 202

BRCA: ROUTE MAINTENANCE FEATURES ROAD LOG

ROUTE 0201 : NORTH CAMPGROUND ROAD

<i>FROM MILEPOST</i>	<i>TO MILEPOST</i>	<i>FEATURE</i>	<i>SIDE</i>	<i>COMMENT</i>
0.610	0.610			ROUTE ENDS AT ROUTE 202
0.610	0.610	INTERSECTION	RIGHT	

BRCA: ROUTE MAINTENANCE FEATURES ROAD LOG

ROUTE 0201AA : NORTH CAMPGROUND LOOP ROAD A, OUTERLOOP

<i>FROM MILEPOST</i>	<i>TO MILEPOST</i>	<i>FEATURE</i>	<i>SIDE</i>	<i>COMMENT</i>
0.000	0.000			ROUTE BEGINS AT ROUTE 201
0.005	0.005	INTERSECTION	RIGHT	RTE 201
0.029	0.029	INTERSECTION	LEFT	RTE 201AB
0.041	0.054	PULLOUT	RIGHT	
0.044	0.059	PULLOUT	LEFT	
0.079	0.079	CULVERT	N/A	
0.091	0.104	PULLOUT	RIGHT	
0.165	0.165	INTERSECTION	LEFT	RTE 201AB
0.290	0.290			ROUTE ENDS AT END OF LOOP AT 201
0.293	0.293	INTERSECTION	LEFT	END OF LOOP
0.296	0.296	INTERSECTION	RIGHT	

BRCA: ROUTE MAINTENANCE FEATURES ROAD LOG

ROUTE 0201AB : NORTH CAMPGROUND LOOP ROAD A, CONNECTOR

<i>FROM MILEPOST</i>	<i>TO MILEPOST</i>	<i>FEATURE</i>	<i>SIDE</i>	<i>COMMENT</i>
0.000	0.000			ROUTE BEGINS AT ROUTE 201AA SOUTH END
0.005	0.005	INTERSECTION	LEFT	ROUTE 201AA SOUTH END
0.006	0.006	INTERSECTION	RIGHT	ROUTE 201AA SOUTH END
0.012	0.012	CULVERT	N/A	
0.062	0.062	CULVERT	N/A	
0.070	0.070			ROUTE ENDS AT ROUTE 201AA NORTH END
0.071	0.071	INTERSECTION	LEFT	RTE 201AA
0.071	0.071	INTERSECTION	RIGHT	RTE 201AA

BRCA: ROUTE MAINTENANCE FEATURES ROAD LOG

ROUTE 0201BA : NORTH CAMPGROUND LOOP ROAD B, OUTERLOOP

<i>FROM MILEPOST</i>	<i>TO MILEPOST</i>	<i>FEATURE</i>	<i>SIDE</i>	<i>COMMENT</i>
0.000	0.000			ROUTE BEGINS AT ROUTE 201
0.002	0.002	INTERSECTION	RIGHT	ROUTE 201
0.015	0.015	INTERSECTION	RIGHT	RTE 201BB
0.039	0.039	INTERSECTION	RIGHT	RTE 201BB
0.157	0.157	CULVERT	N/A	
0.165	0.165	INTERSECTION	LEFT	END OF LOOP
0.170	0.170			ROUTE ENDS AT END OF LOOP AT 201

BRCA: ROUTE MAINTENANCE FEATURES ROAD LOG

ROUTE 0201BB : NORTH CAMPGROUND LOOP ROAD B

<i>FROM MILEPOST</i>	<i>TO MILEPOST</i>	<i>FEATURE</i>	<i>SIDE</i>	<i>COMMENT</i>
0.000	0.000			ROUTE BEGINS AT ROUTE 201BA EAST END
0.002	0.002	INTERSECTION	LEFT	ROUTE 201BA EAST
0.007	0.007	INTERSECTION	RIGHT	ROUTE 201BA EAST
0.040	0.040			ROUTE ENDS AT ROUTE 201BA WEST END
0.042	0.042	INTERSECTION	LEFT	ROUTE 201BA WEST
0.042	0.042	INTERSECTION	RIGHT	ROUTE 201BA WEST

BRCA: ROUTE MAINTENANCE FEATURES ROAD LOG

ROUTE 0201C : NORTH CAMPGROUND LOOP ROAD C

<i>FROM MILEPOST</i>	<i>TO MILEPOST</i>	<i>FEATURE</i>	<i>SIDE</i>	<i>COMMENT</i>
0.000	0.000			ROUTE BEGINS AT ROUTE 201
0.011	0.011	INTERSECTION	RIGHT	RTE 201
0.012	0.012	INTERSECTION	LEFT	RTE 201
0.137	0.137	INTERSECTION	LEFT	RTE 201
0.140	0.140			ROUTE ENDS AT END OF LOOP AT 201
0.141	0.141	INTERSECTION	RIGHT	RTE 201

BRCA: ROUTE MAINTENANCE FEATURES ROAD LOG

ROUTE 0201DA : NORTH CAMPGROUND LOOP ROAD D, OUTERLOOP

<i>FROM MILEPOST</i>	<i>TO MILEPOST</i>	<i>FEATURE</i>	<i>SIDE</i>	<i>COMMENT</i>
0.000	0.000			ROUTE BEGINS AT ROUTE 201
0.009	0.009	INTERSECTION	LEFT	ROUTE 201
0.010	0.010	INTERSECTION	RIGHT	ROUTE 201
0.040	0.040	INTERSECTION	LEFT	
0.042	0.042	INTERSECTION	RIGHT	RTE 201DA, END OF LOOP
0.147	0.147	INTERSECTION	RIGHT	RTE 201DB
0.163	0.163	INTERSECTION	RIGHT	RTE 201DC
0.188	0.188	CULVERT	N/A	
0.224	0.224	INTERSECTION	RIGHT	RTE 201DC
0.292	0.292	INTERSECTION	RIGHT	RTE 201DB
0.299	0.299	INTERSECTION	RIGHT	RTE 201DA (END OF LOOP)
0.300	0.300			ROUTE ENDS AT END OF LOOP
0.304	0.304	INTERSECTION	LEFT	RTE 201DA (END OF LOOP)

BRCA: ROUTE MAINTENANCE FEATURES ROAD LOG

ROUTE 0201DB : NORTH CAMPGROUND LOOP ROAD D, CONNECTOR

<i>FROM MILEPOST</i>	<i>TO MILEPOST</i>	<i>FEATURE</i>	<i>SIDE</i>	<i>COMMENT</i>
0.000	0.000			ROUTE BEGINS AT ROUTE 0201DA SOUTH END
0.003	0.003	INTERSECTION	LEFT	ROUTE 201DA
0.006	0.006	CULVERT	N/A	
0.007	0.007	INTERSECTION	RIGHT	ROUTE 201DA
0.084	0.084	INTERSECTION	RIGHT	ROUTE 201DA
0.085	0.085	INTERSECTION	LEFT	ROUTE 201DA
0.090	0.090			ROUTE ENDS AT ROUTE 0201DA NORTH END

BRCA: ROUTE MAINTENANCE FEATURES ROAD LOG

ROUTE 0201DC : NORTH CAMPGROUND LOOP ROAD D, CONNECTOR

<i>FROM MILEPOST</i>	<i>TO MILEPOST</i>	<i>FEATURE</i>	<i>SIDE</i>	<i>COMMENT</i>
0.000	0.000			ROUTE BEGINS AT ROUTE 0201DA SOUTH END
0.000	0.000	CULVERT	N/A	
0.004	0.004	INTERSECTION	LEFT	RTE 201DA
0.009	0.009	INTERSECTION	RIGHT	RTE 201DA
0.022	0.022	CULVERT	N/A	
0.049	0.049	CULVERT	N/A	
0.049	0.049	INTERSECTION	LEFT	RTE 201DA
0.050	0.050			ROUTE ENDS AT ROUTE 0201DA NORTH END
0.055	0.055	INTERSECTION	RIGHT	RTE 201DA

BRCA: ROUTE MAINTENANCE FEATURES ROAD LOG

ROUTE 0202 : SUNRISE POINT ROAD

<i>FROM MILEPOST</i>	<i>TO MILEPOST</i>	<i>FEATURE</i>	<i>SIDE</i>	<i>COMMENT</i>
0.000	0.000			ROUTE BEGINS AT SOUTH INTERSECTION WITH ROUTE 011
0.001	0.001	INTERSECTION	RIGHT	SOUTH INTERSECTION WITH ROUTE 011
0.162	0.162	INTERSECTION	RIGHT	RTE 903
0.192	0.192	INTERSECTION	LEFT	RTE 904
0.211	0.211	INTERSECTION	LEFT	RTE 905
0.218	0.226	CURB	LEFT	
0.290	0.290	INTERSECTION	LEFT	RTE 905
0.324	0.324	CULVERT	N/A	
0.337	0.337	INTERSECTION	RIGHT	RTE 906
0.393	0.393	INTERSECTION	RIGHT	
0.403	0.403	INTERSECTION	RIGHT	RTE 201
0.415	0.415	INTERSECTION	RIGHT	RTE 907
0.440	0.440	INTERSECTION	RIGHT	RTE 907
0.503	0.503	INTERSECTION	LEFT	END @ RTE 011 NORTH INTERSECTION
0.505	0.505	INTERSECTION	RIGHT	END @ RTE 011 NORTH INTERSECTION
0.510	0.510			ROUTE ENDS AT NORTH INTERSECTION WITH ROUTE 011

BRCA: ROUTE MAINTENANCE FEATURES ROAD LOG

ROUTE 0203 : SUNSET POINT ROAD

<i>FROM MILEPOST</i>	<i>TO MILEPOST</i>	<i>FEATURE</i>	<i>SIDE</i>	<i>COMMENT</i>
0.000	0.000			ROUTE BEGINS AT ROUTE 010 AT MP 23
0.004	0.004	INTERSECTION	RIGHT	ROUTE 010
0.007	0.007	CULVERT	N/A	
0.009	0.009	INTERSECTION	LEFT	ROUTE 010
0.147	0.147	INTERSECTION	LEFT	RTE 203 END OF LOOP
0.157	0.225	CURB	RIGHT	
0.159	0.179	CURB	LEFT	
0.189	0.189	INTERSECTION	RIGHT	RTE 918B
0.191	0.191	INTERSECTION	LEFT	RTE 918A
0.225	0.225	INTERSECTION	RIGHT	
0.227	0.236	CURB	RIGHT	
0.236	0.332	CURB	RIGHT	
0.251	0.251	INTERSECTION	RIGHT	
0.306	0.306	INTERSECTION	LEFT	
0.333	0.333	INTERSECTION	LEFT	RTE 203 END OF LOOP
0.338	0.338	INTERSECTION	RIGHT	RTE 203 END OF LOOP
0.340	0.340			ROUTE ENDS AT END OF LOOP

BRCA: ROUTE MAINTENANCE FEATURES ROAD LOG

ROUTE 0204 : INSPIRATION POINT ROAD

<i>FROM MILEPOST</i>	<i>TO MILEPOST</i>	<i>FEATURE</i>	<i>SIDE</i>	<i>COMMENT</i>
0.000	0.000			ROUTE BEGINS AT ROUTE 0100
0.011	0.011	INTERSECTION	RIGHT	ROUTE 0100
0.057	0.057	INTERSECTION	RIGHT	RTE 204 SPUR FROM RTE 100
0.109	0.109	CULVERT	N/A	
0.243	0.243	INTERSECTION	LEFT	INSPIRATION POINT PARKING ROUTE 0921
0.243	0.243	CULVERT	N/A	
0.246	0.267	CURB	RIGHT	
0.260	0.260			ROUTE ENDS AT INSPIRATION POINT PARKING ROUTE 0921

BRCA: ROUTE MAINTENANCE FEATURES ROAD LOG

ROUTE 0205 : PARIA VIEW ROAD

<i>FROM MILEPOST</i>	<i>TO MILEPOST</i>	<i>FEATURE</i>	<i>SIDE</i>	<i>COMMENT</i>
0.000	0.000			ROUTE BEGINS AT ROUTE 0100
0.002	0.002	INTERSECTION	RIGHT	ROUTE 0100
0.052	0.052	INTERSECTION	LEFT	SPUR FROM RTE 100
0.085	0.085	CULVERT	N/A	
0.370	0.370			ROUTE ENDS AT PARIA VIEWPOINT PARKING ROUTE 920
0.372	0.372	INTERSECTION	RIGHT	PARIA VIEWPOINT PARKING ROUTE 920

BRCA: ROUTE MAINTENANCE FEATURES ROAD LOG

ROUTE 0206 : SUNSET CAMPGROUND ROAD

<i>FROM MILEPOST</i>	<i>TO MILEPOST</i>	<i>FEATURE</i>	<i>SIDE</i>	<i>COMMENT</i>
0.000	0.000			ROUTE BEGINS AT ROUTE 010 AT MP 24
0.007	0.007	INTERSECTION	RIGHT	ROUTE 010
0.013	0.013	CULVERT	N/A	
0.062	0.062	INTERSECTION	RIGHT	UNPAVED SERVICE ROAD
0.110	0.110	INTERSECTION	RIGHT	RTE 206A
0.122	0.122	INTERSECTION	LEFT	RTE 933
0.131	0.131	INTERSECTION	RIGHT	UNPAVED PICNIC PARKING
0.151	0.151	INTERSECTION	RIGHT	UNPAVED PICNIC PARKING
0.171	0.171	CULVERT	N/A	
0.187	0.187	INTERSECTION	RIGHT	RTE 206A
0.209	0.209	INTERSECTION	LEFT	RTE 206B
0.220	0.220	CULVERT	N/A	
0.320	0.320			ROUTE ENDS AT ROUTE 206C LOOP
0.327	0.327	INTERSECTION	LEFT	END @ RTE 206C (ONE WAY SPLIT)

BRCA: ROUTE MAINTENANCE FEATURES ROAD LOG

ROUTE 0206A : SUNSET CAMPGROUND ROAD LOOP A

<i>FROM MILEPOST</i>	<i>TO MILEPOST</i>	<i>FEATURE</i>	<i>SIDE</i>	<i>COMMENT</i>
0.000	0.000			ROUTE BEGINS AT ROUTE 206
0.006	0.006	INTERSECTION	RIGHT	RTE 206
0.007	0.007	CULVERT	N/A	
0.007	0.007	INTERSECTION	LEFT	RTE 206
0.088	0.088	CULVERT	N/A	
0.135	0.135	CULVERT	N/A	
0.334	0.334	CULVERT	N/A	
0.355	0.355	INTERSECTION	RIGHT	RTE 932
0.430	0.430			ROUTE ENDS AT END OF LOOP A
0.431	0.431	INTERSECTION	RIGHT	RTE 206
0.432	0.432	INTERSECTION	LEFT	RTE 206

BRCA: ROUTE MAINTENANCE FEATURES ROAD LOG

ROUTE 0206B : SUNSET CAMPGROUND ROAD LOOP B

<i>FROM MILEPOST</i>	<i>TO MILEPOST</i>	<i>FEATURE</i>	<i>SIDE</i>	<i>COMMENT</i>
0.000	0.000			ROUTE BEGINS AT ROUTE 206
0.006	0.006	INTERSECTION	RIGHT	RTE 206
0.007	0.007	INTERSECTION	LEFT	RTE 206
0.014	0.014	INTERSECTION	RIGHT	
0.016	0.016	INTERSECTION	LEFT	RTE 206 END OF LOOP
0.034	0.034	CULVERT	N/A	
0.092	0.092	CULVERT	N/A	
0.145	0.145	CULVERT	N/A	
0.198	0.198	INTERSECTION	LEFT	
0.200	0.200			ROUTE ENDS AT END OF LOOP B
0.210	0.210	INTERSECTION	LEFT	RTE 206
0.212	0.212	INTERSECTION	RIGHT	RTE 206

BRCA: ROUTE MAINTENANCE FEATURES ROAD LOG

ROUTE 0206C : SUNSET CAMPGROUND ROAD LOOP C

<i>FROM MILEPOST</i>	<i>TO MILEPOST</i>	<i>FEATURE</i>	<i>SIDE</i>	<i>COMMENT</i>
0.000	0.000			ROUTE BEGINS AT ROUTE 206
0.004	0.004	INTERSECTION	RIGHT	ROUTE 206
0.006	0.006	INTERSECTION	LEFT	ROUTE 206
0.104	0.104	CULVERT	N/A	
0.213	0.213	CULVERT	N/A	
0.248	0.248	INTERSECTION	LEFT	ROUTE 206 END OF LOOP
0.248	0.248	INTERSECTION	RIGHT	ROUTE 206 END OF LOOP
0.250	0.250			ROUTE ENDS AT END OF LOOP C

BRCA: ROUTE MAINTENANCE FEATURES ROAD LOG

ROUTE 0207 : SUNSET UNIT ROAD

<i>FROM MILEPOST</i>	<i>TO MILEPOST</i>	<i>FEATURE</i>	<i>SIDE</i>	<i>COMMENT</i>
0.000	0.000			ROUTE BEGINS AT ROUTE 011
0.006	0.006	INTERSECTION	LEFT	ROUTE 011
0.008	0.008	INTERSECTION	RIGHT	ROUTE 011
0.013	0.013	CULVERT	N/A	
0.068	0.068	INTERSECTION	LEFT	UNPAVED EMPLOYEE PARKING
0.086	0.086	CULVERT	N/A	
0.092	0.115	CURB	RIGHT	
0.094	0.094	INTERSECTION	RIGHT	RTE 911
0.099	0.104	CURB	RIGHT	
0.106	0.106	INTERSECTION	RIGHT	RTE 911
0.150	0.150	INTERSECTION	RIGHT	RTE 912
0.170	0.170	INTERSECTION	RIGHT	RTE 913
0.237	0.237	INTERSECTION	LEFT	RTE 207 END OF LOOP
0.248	0.248	INTERSECTION	RIGHT	RTE 914
0.272	0.272	INTERSECTION	LEFT	RTE 207 END LOOP
0.274	0.274	INTERSECTION	RIGHT	RTE 207 END LOOP
0.280	0.280			ROUTE ENDS AT END OF LOOP

BRCA: ROUTE MAINTENANCE FEATURES ROAD LOG

ROUTE 0400 : HISTORICAL RESIDENTIAL ROAD

<i>FROM MILEPOST</i>	<i>TO MILEPOST</i>	<i>FEATURE</i>	<i>SIDE</i>	<i>COMMENT</i>
0.000	0.000			ROUTE BEGINS AT SOUTH INTERSECTION ROUTE 011
0.001	0.001	INTERSECTION	LEFT	SOUTH INTERSECTION ROUTE 011
0.016	0.016	CULVERT	N/A	
0.071	0.071	CULVERT	N/A	
0.095	0.095	INTERSECTION	RIGHT	
0.124	0.124	INTERSECTION	LEFT	RTE 916A
0.132	0.132	CULVERT	N/A	
0.149	0.149	INTERSECTION	LEFT	RTE 916B
0.154	0.154	INTERSECTION	LEFT	RTE 916B
0.178	0.178	CULVERT	N/A	
0.338	0.338	INTERSECTION	LEFT	
0.340	0.340			ROUTE ENDS AT NORTH INTERSECTION ROUTE 011
0.340	0.340	INTERSECTION	RIGHT	NORTH INTERSECTION ROUTE 011

BRCA: ROUTE MAINTENANCE FEATURES ROAD LOG

ROUTE 0401 : MIXING CIRCLE ROAD

<i>FROM MILEPOST</i>	<i>TO MILEPOST</i>	<i>FEATURE</i>	<i>SIDE</i>	<i>COMMENT</i>
0.000	0.000			ROUTE BEGINS AT ROUTE 010 AT MP 20
0.009	0.009	INTERSECTION	LEFT	ROUTE 010
0.011	0.011	CULVERT	N/A	
0.149	0.149	INTERSECTION	LEFT	
0.151	0.151	CULVERT	N/A	
0.411	0.411	INTERSECTION	LEFT	UNPAVED PARKING (SMALL STORAGE BLDGS)
0.472	0.472	INTERSECTION	RIGHT	UNPAVED ROUTE TO HORSE CORRAL
0.491	0.491	INTERSECTION	LEFT	UNPAVED PARKING
0.529	0.529	INTERSECTION	LEFT	RTE 412
0.538	0.538	INTERSECTION	LEFT	UNPAVED ROUTE
0.570	0.570	CULVERT	N/A	
0.590	0.590	INTERSECTION	RIGHT	PRIVATE DRIVE
0.640	0.640			ROUTE ENDS AT END OF PAVEMENT
0.640	0.640	INTERSECTION	RIGHT	INTERSECTION RIGHT

BRCA: ROUTE MAINTENANCE FEATURES ROAD LOG

ROUTE 0402 : NEW RESIDENTIAL ROAD

<i>FROM MILEPOST</i>	<i>TO MILEPOST</i>	<i>FEATURE</i>	<i>SIDE</i>	<i>COMMENT</i>
0.000	0.000			ROUTE BEGINS AT ROUTE 411
0.007	0.007	INTERSECTION	LEFT	ROUTE 411
0.010	0.010	INTERSECTION	LEFT	UNPAVED ROAD LEFT
0.106	0.106	INTERSECTION	RIGHT	RTE 917
0.145	0.145	CULVERT	N/A	
0.153	0.153	INTERSECTION	LEFT	RTE 934A
0.207	0.207	CULVERT	N/A	
0.238	0.238	CULVERT	N/A	
0.426	0.426	INTERSECTION	LEFT	RTE 934C
0.467	0.467	INTERSECTION	LEFT	RTE 934D
0.480	0.480			ROUTE ENDS AT ROUGH RESIDENCE AREA TO END OF LOOP

APPENDIX A: GLOSSARY OF TERMS AND ABBREVIATIONS

TERM OR ABBREVIATION	DESCRIPTION OR DEFINITION
1330	Numeric Code for Bryce Canyon National Park
AADT	Annually Adjusted Daily Traffic. Average daily traffic adjusted for the term period comprising 80% of annual visitation
BRCA	Alpha Code for Bryce Canyon National Park
CRS	Condition Rating Sheets. (Section 5)
Drainage Condition Rating	A visual rating (Good, Poor) of the drainage condition. (see Section 10)
Excellent	Excellent rating with an index value of 95 or greater
Fair	Fair rating with an index value between 61 and 84
Func. Class	Functional Classification (see Route ID, Section 4)
Good	Good rating with an index value between 85 and 94
IRI	International Roughness Index
Lane Width	Distance from road centerline to fogline, or from centerline to edge-of-pavement when no fogline exists
MRR	Manually Rated Route
NA	Not Applicable
NC	Not Collected
Paved Width	Distance from edge-of-pavement to edge-of-pavement
PCR	Pavement Condition Rating (see Section 10)

Poor	Poor Rating with an index value of 60 or less
RCI	Roughness Condition Index
SADT	Seasonal Annual Daily Traffic. Average daily traffic for the total defined "season"
SCR	Surface Condition Rating (see Section 10)
Shoulder Condition Rating	Visual rating (Good, Poor) of the condition of shoulder. (see Section 10)
Shoulder Width	Distance from fogline to hinge point, or if no fogline, from edge-of-pavement to hinge point

APPENDIX B: DESCRIPTION OF RATING SYSTEM

A numerical roadway rating system is used to describe the overall condition of the paved roadways and paved parking areas. In this system, a numerical rating between 1 and 100 is ascribed to each 0.02 miles of road. This numerical rating is called a Pavement Condition Rating (PCR). A “perfect” road, newly constructed with no surface distresses and a smooth surface, would be assigned a PCR rating of 100. Based on the type, severity, and extent of surface distresses points are deducted from 100 to arrive at the final PCR.

Data is collected on the following distresses and conditions:

- **Alligator Cracking** - a series of interconnecting cracks resembling alligator skin or chicken wire, which can occur anywhere in the lane.
- **Longitudinal Cracking** - cracks which are parallel to the pavement centerline or asphalt lay-down direction.
- **Transverse Cracking** - cracks perpendicular to the pavement centerline.
- **Pothole (patch)** - a bowl-shaped hole in the pavement surface. May be patched or not.
- **Rutting** - surface depressions in the wheel paths.

Roughness is collected as International Roughness Index (IRI) and is used in the PCR formula. Roughness is measured in inches of vertical displacement of the vehicle per mile traveled.

A Distress Rating Index value is calculated for each of the individual distresses at the 0.02 mile, or every 105.6 feet.

Rating Index Formulas

Alligator Cracking Index = $100 - [40 * (\%low/70 + \%medium/30 + \%high/10)]$

Longitudinal Cracking Index = $100 - [40 * (\%low/350 + \%medium/200 + \%high/75)]$

Transverse Cracking Index = $100 - [(20 * (low/15.1 + medium/7.5)) + (40 * (high/1.9))]$

Patching Index = $100 - [40 * (\%patching / 80)]$

Rutting Index: $100 - [40 * ((low/160) + (med/80) + (high/40))]$

Roughness Condition Index: (RCI) = $32 * [5 * e^{(-0.0041 * \text{average IRI})}]$

These 0.02 Distress Rating Index values are then averaged over one mile sections for the mile-by-mile Distress Rating Indexes, Surface Condition Rating (SCR) and Pavement Condition Rating (PCR).

Surface Condition Rating (SCR) = $100 - [(100 - AC_INDEX) + (100 - LC_INDEX) + (100 - TC_INDEX) + (100 - PATCH_INDEX) + (100 - RUT_INDEX)]$

Pavement Condition Rating (PCR) = $(SCR * 0.60) + (RCI * 0.40)$

NOTE: Collection of roughness data is dependant on the data collection vehicle traveling at a minimum speed of 12 mph. In the event that a route cannot be safely traveled at this minimum speed, and results in no roughness data, the SCR only will be calculated.

Parking Lot and Manually Rated Road Condition Rating

Surface Condition Distresses- Chip Seal:

Raveling – loss of surface rock chips revealing previous surface

Bleeding – asphalt or tar is bleeding through to the surface where surface looks slick with asphalt

Rutting

Potholes/Patching

Ratings - Chip Seal:

Excellent – None of the surface affected by the above (recently constructed)

Good – Less than 10% of surface affected by the above

Fair – Between 10% and 40% of surface affected by the above

Poor – More than 40% of surface affected by the above

Surface Condition - Asphalt:

Cracking of any type

Rutting

Potholes/Patching

Ratings - Asphalt:

Excellent – None of the surface affected by the above (recently constructed)

Good – Less than 10% of surface affected by the above

Fair – Between 10% and 40% of surface affected by the above

Poor – More than 40% of surface affected by the above

Index Values of Visual Ratings on Parking Lots and Manually Rated Roads

Excellent	97
Good	90
Fair	73
Poor	45

Drainage Condition Rating Definitions

- Good:** Minimal overall drainage problems. If funding were available for pavement maintenance, 25% or less is estimated to correct drainage deficiencies.
- Poor:** Problems exist that jeopardizes the integrity of the road in this section. If funding were available for pavement maintenance, 50% to 100% is estimated to correct drainage deficiencies.

Drainage Condition Rating Criteria

The following are examples of basic criteria to help the rater to identify the different drainage ratings. While in the field, many other flaws will be discovered, but these criteria should give a feel for where the flaws would apply in the ratings.

Good Drainage

Most water clears the road prism adequately with little concern of base saturation.

- X Pavement has minor deficiencies that interrupt water flow.
- X Shoulders are mostly adequate as they relate to surrounding terrain. Shoulder design generally coincides with the drainage design.
- X Curbs have deficiencies, but still function without erosion.
- X Down drains are placed properly, but show signs of some deterioration.
- X Culverts are adequate in numbers and size however, minor deficiencies are evident.
- X Ditches are not paved, but solid and have enough area to maintain and carry required volume of water.

Poor Drainage

This section has areas of inadequate drainage ability that is causing base saturation that could cause a road failure.

- X Pavement grade is irregular and holds dangerous amounts of water (hydroplaning is a concern), or shows massive alligator cracking.
- X Shoulder design induces ponding that encroaches on the pavement (drivers try to avoid ponds).
- X Portions of curbs are missing, allowing water to escape causing erosion.
- X Drop inlets, due to various reasons, are only able to drain 50% or less efficiently.
- X Down drains show signs of water exiting in areas by the down drain causing erosion.
- X Culverts are functionally deficient including size, installation, location, or grade giving water opportunity to saturate the road base.
- X Ditches allow water opportunity to saturate the road base through various reasons such as low places in ditch where design has not allowed for water to drain, little or no room in the road prism for a needed ditch, or water is disappearing within the ditch.

Shoulder Condition Rating Definitions

- Good:** The shoulder is generally in good functional condition.. If curbs are present, they are functional.
- Poor:** There is no shoulder because erosion has removed it. If curbs are present, they need to be replaced.

Shoulder Rating Criteria

The following are examples of basic criteria to help the rater to identify the different shoulder ratings. While in the field, many other flaws will be discovered, but these criteria should give a feel for where the flaws would apply in the ratings.

Good Shoulders

- X If shoulder is unpaved drop-offs are less than 1", but grading is required.
- X If shoulder is paved rut depth is less than 1/2", sealed cracks are present, and grading is required.
- X If curbs are present they are functional.

Poor Shoulder

- X If shoulder is unpaved drop-offs are greater than 4" and erosion has removed the shoulder.
- X If shoulder is paved rut depth is greater than 1". Open cracks are greater than 1/4" deep, and erosion has removed the shoulder.
- X If curbs are present they need replacement.
- X If curbs are present they need repairs, and there is erosion behind the curb.

APPENDIX C: DIGITAL IMAGE INFORMATION

All images collected in Cycle 3 are digital images. These images provide the best resolution for identifying sign inventories and pavement evaluations. The images can be viewed with an interactive software program called **Visi-Data**. Each park will have a copy of the Visi-Data program installed in the park for park personnel to access and use.

Only Cycle 3 data can be queried and reviewed using the Visi-Data software program. This program is a multimedia data presentation and analysis tool that can be accessed either at the individual park, park region or at NPS headquarters. The data is organized in a hierarchical manner and presented in tabular and graphical formats. The user is able to perform queries and drill down through the data to find the particular information they are trying to query. Associated digital right-of-way images from either the LAN, USB port, individual DVD, or from the Visi-web application, can be presented along with the GPS locations.

APPENDIX D: METADATA

ARAN ROUTE GPS DATA

Background information of route spatial data.

GPS Records: GPS data for NPS routes is stored in the MS Access database for the park. The coordinates of the road traces are stored in the 'PMS_20' table in the 'GPS_LAT' and 'GPS_LON' fields.

Data Collection Device:

Vehicle Information: Ford Van
Type of GPS Unit: NovAtel MiLLennium, 12 channel, dual frequency L1/L2, DGPS ready receiver w/MiLLennium 502 GPS antenna and OmniSTAR System 3000 LR
Inertial System: Applanix POS LV

Accuracy: Expected ground accuracy is 1 meter *

*The above accuracy assumes good GPS mission planning resulting in maximum GPS satellite observation and ideal environmental conditions. Due to less than ideal satellite and environmental conditions, some routes may lack the expected ground accuracy.

Geographic Datum: WGS 1984

Post Collection GPS Correction: Due to unanticipated GPS collection inaccuracies, some route locations have been digitized using DOQQ's and other data sources.

FHWA – NPS Road Inventory Program Cycle 3 Metadata for the Park Database

The purpose of these sheets is to provide users of the Road Inventory Program's data with data accuracies and tolerances to help users define ways in which the RIP data can and cannot be used. For further information on specifics of data collection equipment, data collection procedures, equipment calibrations, or quality control/quality assurance procedures, please contact Jim Kennedy, Project Manager, Data Quality Assurance, at 720-963-3560 or jim.kennedy@fhwa.dot.gov.

All Road Inventory Program data undergoes quality control and quality assurance testing. This document represents the known data accuracies and tolerances for the data collection equipment, data collection procedures, and data processing procedures currently in use. Many additional tests conducted on the park databases during the quality assurance phase to ensure data integrity are not listed as a part of this document. Before it is delivered, a park database undergoes a large set of table design consistency, field data format consistency, data completeness, uniqueness of key fields, data reasonableness, acceptable data range, within-field data consistency, between-field data consistency, and between-table data consistency tests. Additional data sampling checks are conducted to ensure proper data upload from raw files into the park database and to quality check the pavement crack analysis. Further information is detailed in the FHWA – NPS RIP Quality Assurance Manual, available upon request.

This description of metadata includes only the known accuracies with which a data field matches its expected value. The tables that follow this page show each database field's:

- Field – field name
- Format – data type and number of characters of field
- Expected Value – meaning of value assigned to field
- Source – when in process field value obtained
- Validation – how field value obtained
- Expected Accuracy – accuracy with which contents of field match Expected Value

Verifying and continually improving the accuracy of Road Inventory Program data is an ongoing goal of the Federal Highway Administration and the National Park Service. Field testing and post-collection analysis of ARAN (Automatic Road Analyzer) -collected data will continue in Cycle 4. Data quality is expected to improve as the FHWA – NPS Road Inventory Program continues to operate, due to the fact that future data collection cycles will consist in large part of data updates. Also, technological improvements are expected to render the data increasingly consistent with actual roadway conditions as data collection cycles progress.

Specific Caveats

- Three canned reports are titled “Features in Good Condition”, “Features in Fair Condition,” and “Features in Poor Condition.” These titles could be misleading. In Cycle 3, condition assessments have been conducted on **signs only**. Condition assessments have not been conducted on non-sign features, such as culverts, guardrails, pullouts, etc. Although the database and canned reports might report a default value of “good” for un-assessed features, these condition values are not valid for import into FMSS.
- Database records that show a concrete surface type sometimes include index values that seem to show a perfect roadway (e.g., a Pavement Condition Rating (PCR) of 100). The Road Inventory Program does not actually conduct condition assessments of concrete surfaces. The perfect values are just default values assigned to unassessed sections of pavement and do not represent an assessment of the roadway surface's quality.
- On the USB drive, in the Database folder, parks are provided with intersection lists and exceptions lists. These documents should be treated as raw files and are **not accurate**. Refer to the final database for accurately post-processed intersection data.
- Most roadway data is collected in the primary direction lane of a roadway. To save data storage

space and to reduce data analysis efforts, the assumption was made that the paved surface condition of a route's primary lane adequately represents the surface condition of the full roadway. Therefore, in the database, opposite-direction records in the PMS_Visidata table do not include assessed values for roadway surface distresses. Values such as 0, N/A, -1, or a repeat of the primary-direction assessed value indicate that no assessment was performed. The PMS_20 and PMS_Mile tables simply exclude all opposite routes.

- Most roadway features are collected relative to the primary direction lane of a roadway, using the primary-direction video. Signs are the only features collected using the opposite-direction video.

Key to Notes in Tables

(1): Note that only one value fits in field, so even if this value varies throughout the route, only one value is recorded here.

(2): Note that some MP values listed here are estimates recorded during the Route ID process for use by the data collection crew (e.g. "FROM ROUTE 0010 AT MILEPOST 30.3"). They are estimates only and are not expected to match the more accurate milepost values included elsewhere in the database in the BEG_MP, END_MP, and MP fields.

(3): Mileage is measured by the ARAN (Automatic Road ANalyzer) data collection vehicle out to the 0.001 decimal place. The DMI (distance measuring instrument) is very accurate, with extremely slight variations in measurement due to air temperature, tire inflation, curves, hills, and equipment calibration.

(4): Features are measured differently depending on whether they are visible in the forward-facing video of the roadway, but every feature milepost measurement depends on the baseline measurement of the data collection vehicle's mileage. The ARAN (Automatic Road ANalyzer) data collection vehicle's mileage is measured by the DMI (distance measuring instrument) out to the 0.001 decimal place. The DMI is very accurate, with extremely slight variations in measurement due to air temperature, tire inflation, curves, hills, and equipment calibration. If a feature will not be visible in the forward-facing video, its milepost is determined by the data collectors' key press tagging the milepost when the ARAN passes the feature. Key presses are entered into the ARAN software when the vehicle travels typically between 15 and 45 miles/hour, so a delay of a single second as the vehicle passes a feature would result in an inaccuracy of 0.004 miles (22 feet) to 0.012 miles (66 feet). If a feature is visible in the video, its milepost is determined during post-processing using a video measurement software called Surveyor. Features along the side of a roadway that are measured using the Surveyor software might not be located very accurately. Surveyor is known to be most accurate when measuring quantities near the center of the video frame, as opposed to in the edges of the video image.

(5): Only signs are evaluated for condition. No other features' conditions are assessed, so "N/A" was originally intended to be the default value for unassessed features. However, some non-sign features do have condition ratings in the database. These are not accurate, because no assessment was ever done on non-sign features.

(6): Condition assessments are not conducted on concrete (CO) surface types. Perfect values for concrete road sections are default values and do not represent a condition assessment of the concrete surfaces.

(7): Roadway cracking presence, type, severity, and extent are determined by filming the roadway in the primary lane continuously with two overlapping analog cameras of 640 x 480 resolution. The images from both cameras are stitched together in real time to create a continuous strip image of the roadway pavement in the primary lane. Cracks 3 mm or greater in width are visible in this video. A semi-automatic process running the WiseCrax software with additional input by human operators provides the cracking quantities recorded in these database fields. Quality checks have determined that a consistent 80% or better of the visible cracks are recorded.

Access Database Metadata

Master Table Metadata:

FIELD	FORMAT	EXPECTED VALUE	SOURCE	VALIDATION	EXPECTED ACCURACY
RIP_CYCLE	X	3, for data collection cycle 3	Route ID Meeting	FHWA Determination	100%
STATE	XX	State where route is located	Route ID Meeting	Park Input/FHWA Determination	Untested. (1)
PARK_ALPHA	XXXX	Park alpha code	Route ID Meeting	NPS References	Untested
PARK_NO	XXXX	Park numeric code	Route ID Meeting	NPS References	Untested
RTE_NO	XXXXXX	Route number	Route ID Meeting	Park Input/FHWA Classification	Untested
RTE_NAME	(Text)	Route name	Route ID Meeting	Park Input	Untested. 50 characters fit in field
FUNCT_CLAS	X	Route functional classification	Route ID Meeting	Park Input/FHWA Classification	Untested
DIRECTION	XXX	Survey lane: PRI (primary) or OPP (opposite)	Route ID Meeting	Park Input/FHWA Determination	Untested
BEG_MP_EST	999.999 (miles)	Estimated starting MP	Route ID Meeting	Park Input/FHWA Determination	Estimated before data collected
END_MP_EST	999.999 (miles)	Estimated ending MP	Route ID Meeting	Park Input/FHWA Determination	Estimated before data collected
RTE_LENGTH	999.999 (miles)	Collected route length	ARAN Data Collection	Automatic Output	100%
FROM_DESC	(Text)	Beginning terminus of route	Route ID Meeting	Park Input/FHWA Determination	Estimated before data collected. (2)
TO_DESC	(Text)	Ending terminus of route	Route ID Meeting	Park Input/FHWA Determination	Estimated before data collected. (2)
NO_LANES	X	Number of lanes in route	ARAN Data Collection	Survey Crew Input	Untested. (1)
SURF_TYPE	XX	Surface type of route	ARAN Data Collection	Survey Crew Input	Untested. (1)
COMP_DIR	XX	Compass direction of route's primary lane (nearest cardinal direction)	Route ID Meeting	Park Input/FHWA Determination	Untested
COMMENTS	(Text)	Special information, if any	Contractor Post-processing	Contractor Input	Untested
FILENAME	XXXXXXXXXX	Filename of raw data files	ARAN Data Collection	Automatic Output	100%
SECTION	XXXXXX	Route section ID	Route ID Meeting/ARAN Data Collection	Survey Crew Input/Automatic Output	100%
FKEY	9999999	Unique record ID	Contractor Post-processing	Database Processing	100%
DATE	DD/MM/YY	Data collection date	ARAN Data Collection	Automatic Output	100%
BEG_MP	999.999 (miles)	Beginning MP collected	ARAN Data Collection	Automatic Output	100% (3)
END_MP	999.999 (miles)	Ending MP collected	ARAN Data Collection	Automatic Output	100% (3)

PMS_Feature Table Metadata:

FIELD	FORMAT	EXPECTED VALUE	SOURCE	VALIDATION	EXPECTED ACCURACY
RIP_CYCLE	X	3, for data collection cycle 3	Route ID Meeting	FHWA Determination	100%
STATE	XX	State where route is located	Route ID Meeting	Park Input/FHWA Determination	Untested. (1)
PARK_ALPHA	XXXX	Park alpha code	Route ID Meeting	NPS References	Untested
PARK_NO	XXXX	Park numeric code	Route ID Meeting	NPS References	Untested
RTE_NO	XXXXXXXX	Route number	Route ID Meeting	Park Input/FHWA Classification	Untested
FUNCT_CLAS	X	Route functional class	Route ID Meeting	Park Input/FHWA Classification	Untested
DIRECTION	XXX	Survey lane: PRI (primary) or OPP (opposite)	Route ID Meeting	Park Input/FHWA Determination	Untested
MP	999.999 (miles)	Feature location along route	ARAN Data Collection/Contractor Post-processing	Survey Crew Input/Video Processing	Untested (4)
EVENT	XXXX	Event category of feature	Contractor Post-processing	Video Processing	Untested
EVENT_CODE	XXXX	Event sub-category of feature	Contractor Post-processing	Video Processing	Untested
EVENT_DESC	(Text)	Description of feature/contents of sign	Contractor Post-processing	Video Processing	Untested
MUTCD	"N/A"	N/A. Intended to be sign MUTCD code	Contractor Post-processing	Database Processing	Values inaccurate, defaulted to N/A
CONDITION	XXX	Sign condition (G-D, F-R, P-R, N/A)	Contractor Post-processing	Video Processing	Untested (5)
COMMENT	(Text)	Sign label, intersecting route, etc.	Contractor Post-processing	Database Processing	Untested
OFFSET	"N/A"	N/A. Intended to be offset from pavement edge	Contractor Post-processing	Database Processing	Values inaccurate, defaulted to N/A
SIDE	XXX	Side of route; "N/A" if not on one side	Contractor Post-processing	Video Processing	Untested
STR_NUMBER	XXXXXXXXXXXX	FHWA bridge structure number	FHWA Post-processing	Database Processing	Untested
GPS_LAT	"N/A"	N/A. Intended to be latitude coordinate	Contractor Post-processing	Database Processing	Values inaccurate, defaulted to N/A
GPS_LON	"N/A"	N/A. Intended to be longitude coordinate	Contractor Post-processing	Database Processing	Values inaccurate, defaulted to N/A
GPS_ELEV	"N/A"	N/A. Intended to be elevation	Contractor Post-processing	Database Processing	Values inaccurate, defaulted to N/A
GPS_MODE	"N/A"	N/A. Intended to be GPS mode	Contractor Post-processing	Database Processing	Values inaccurate, defaulted to N/A
VIDEO	<Park-C03VID-#>	Removable USB video hard drive number	Contractor Post-processing	Database Processing	Untested
IMAGE	(Text)	Filename of .jpg image showing feature	Contractor Post-processing	Automatic Output	Untested
DATE	DD/MM/YY	Data collection date	ARAN Data Collection	Automatic Output	100%
FILENAME	XXXXXXXXXX	Filename of raw data files	ARAN Data Collection	Automatic Output	100%
SECTION	XXXXXX	Route section ID	Route ID Meeting/ARAN Data Collection	Survey Crew Input/Automatic Output	100%
FKEY	9999999	Unique record ID	Contractor Post-processing	Database Processing	100%
VISL_FROM	999999 (millimiles)	Raw MP of first video frame showing feature	Contractor Post-processing	Database Processing	Untested
VISL_TO	999999 (millimiles)	Raw MP of last video frame showing feature	Contractor Post-processing	Database Processing	Untested

FIELD	FORMAT	EXPECTED VALUE	SOURCE	VALIDATION	EXPECTED ACCURACY
IDKEY	(Text)	Unique record ID used by VisiData	Contractor Post-processing	Database Processing	Untested
MP_REF	(Text)	Range of mileage to play in VisiData	Contractor Post-processing	Database Processing	Untested

PMS 20, PMS Mile & PMS Visidata Tables Metadata:

FIELD	FORMAT	EXPECTED VALUE	SOURCE	VALIDATION	EXPECTED ACCURACY
RIP_CYCLE	X	3, for data collection cycle 3	Route ID Meeting	FHWA Determination	100%
STATE	XX	State where route is located	Route ID Meeting	Park Input/FHWA Determination	Untested. (1)
PARK_ALPHA	XXXX	Park alpha code	Route ID Meeting	NPS References	Untested
PARK_NO	XXXX	Park numeric code	Route ID Meeting	NPS References	Untested
RTE_NO	XXXXXX	Route number	Route ID Meeting	Park Input/FHWA Classification	Untested
FUNCT_CLASS	X	Route functional class	Route ID Meeting	Park Input/FHWA Classification	Untested
DIRECTION	XXX	Survey lane: PRI (primary) or OPP (opposite)	Route ID Meeting	Park Input/FHWA Determination	Untested
BEG_MP	999.999 (miles)	MP at start of road interval described by database record	Contractor Post-processing	Database Processing	100% (3)
END_MP	999.999 (miles)	MP at end of road interval described by database record	Contractor Post-processing	Database Processing	100% (3)
INT_LENGTH	999.9 (ft)	Length of road interval as aggregated for data table	Contractor Post-processing	Database Processing	100%
RTE_LENGTH	999.999 (miles)	Collected route length	ARAN Data Collection	Automatic Output	100%
NO_LANES	X	Number of lanes in route	ARAN Data Collection	Survey Crew Input	Untested. (1)
LANE_NO	X	Data collection lane	Contractor Post-processing	Database Processing	Untested
WX_LANE_WIDTH	99.999 (ft)	WiseCrax (crack detection software) analysis width	Contractor Post-processing	Automatic Output	Untested
LANE_WIDTH	99.999 (ft)	Width of lane	Contractor Post-processing	Video Processing	Untested
PAVE_WIDTH	99.999 (ft)	Full pavement width	Contractor Post-processing	Video Processing	Untested
SHLD_WIDTH_L	99.999 (ft)	Left shoulder width	Contractor Post-processing	Video Processing	Untested
SHLD_WIDTH_R	99.999 (ft)	Right shoulder width	Contractor Post-processing	Video Processing	Untested
SHLD_COND_L	XXXX	Left shoulder condition	ARAN Data Collection	Survey Crew Input	Untested
SHLD_COND_R	XXXX	Right shoulder condition	ARAN Data Collection	Survey Crew Input	Untested
DRAIN_COND_L	XXXX	Left drainage condition	ARAN Data Collection	Survey Crew Input	Untested
DRAIN_COND_R	XXXX	Right drainage condition	ARAN Data Collection	Survey Crew Input	Untested
SURF_TYPE	XX	Surface type of route	ARAN Data Collection	Survey Crew Input	Untested. (1)
PCR	999	Pavement Condition Rating	Contractor Post-processing	Database Processing	100% for calculation (6)
RCI	999	Roughness Condition Index; -1 if invalid IRI	Contractor Post-processing	Database Processing	100% for calculation

FIELD	FORMAT	EXPECTED VALUE	SOURCE	VALIDATION	EXPECTED ACCURACY
SCR	999	Surface Condition Rating	Contractor Post-processing	Database Processing	100% for calculation (6)
IRI_AVG	999.9 (inches/mile)	Average IRI	Contractor Post-processing	Database Processing	Untested
IRI_SD	999.9 (inches/mile)	IRI standard deviation	Contractor Post-processing	Database Processing	Untested
IRI_L	999.9 (inches/mile)	Left wheel path IRI	ARAN Data Collection	Automatic Output	Untested
IRI_R	999.9 (inches/mile)	Right wheel path IRI	ARAN Data Collection	Automatic Output	Untested
IRI_FLAG	0 or -1	-1 if invalid IRI data	Contractor Post-processing	Database Processing	Untested
RUT_INDEX	999	Rut index	Contractor Post-processing	Database Processing	100% for calculation (6)
RUT_AVG	99.99 (inches)	Average rut depth of both wheelpaths	Contractor Post-processing	Database Processing	Untested (6)
RUT_MAX	99.99 (inches)	Maximum rut depth of both wheelpaths	Contractor Post-processing	Database Processing	Untested (6)
RUT_SD	9.9	Rut depth standard deviation	Contractor Post-processing	Database Processing	Untested (6)
RUT_LOW	999 (%)	Percent of low severity ruts (on a 0-200% scale) in both wheelpaths	Contractor Post-processing	Database Processing	Untested (6)
RUT_MED	999 (%)	Percent of medium severity ruts (on a 0-200% scale) in both wheelpaths	Contractor Post-processing	Database Processing	Untested (6)
RUT_HI	999 (%)	Percent of high severity ruts (on a 0-200% scale) in both wheelpaths	Contractor Post-processing	Database Processing	Untested (6)
XFALL	999.9 (% slope)	Cross fall at start of road interval	ARAN Data Collection	Automatic Output	Precise but inaccurate. Not reported in Cycle 4
GRADE	999.9 (% slope)	Grade at start of road interval	ARAN Data Collection	Automatic Output	Precise but inaccurate. Not reported in Cycle 4
AC_INDEX	999	Alligator cracking index	Contractor Post-processing	Database Processing	100% for calculation (6)
AC_LOW	999.9999 (%)	Percent of WiseCrax measured lane area with low-severity alligator cracking	Contractor Post-processing	Automatic Output	(6) (7)
AC_MED	999.9999 (%)	Percent of WiseCrax measured lane area with medium-severity alligator cracking	Contractor Post-processing	Automatic Output	(6) (7)
AC_HI	999.9999 (%)	Percent of WiseCrax measured lane area with high-severity alligator cracking	Contractor Post-processing	Automatic Output	(6) (7)
LC_INDEX	999	Longitudinal cracking index	Contractor Post-processing	Database Processing	100% for calculation (6)
LC_LOW	999.99 (%)	Low-severity longitudinal cracking in lane as a percentage of road interval length	Contractor Post-processing	Automatic Output	(6) (7)
LC_MED	999.99 (%)	Medium-severity longitudinal cracking in lane as a percentage of road interval length	Contractor Post-processing	Automatic Output	(6) (7)
LC_HI	999.99 (%)	High-severity longitudinal cracking in lane as a percentage of road interval length	Contractor Post-processing	Automatic Output	(6) (7)
TC_INDEX	999	Transverse cracking index	Contractor Post-processing	Database Processing	100% for calculation (6)
TC_LOW	999.99 (cracks)	Count of low-severity transverse cracks, where one crack unit equals the WiseCrax measured lane width	Contractor Post-processing	Automatic Output	(6) (7)
TC_MED	999.99 (cracks)	Count of medium-severity transverse cracks, where one crack unit equals the WiseCrax measured lane width	Contractor Post-processing	Automatic Output	(6) (7)
TC_HI	999.99 (cracks)	Count of high-severity transverse cracks, where one crack unit equals the WiseCrax measured lane width	Contractor Post-processing	Automatic Output	(6) (7)
PATCH_INDEX	999	Patching index	Contractor Post-processing	Database Processing	100% for calculation (6)

FIELD	FORMAT	EXPECTED VALUE	SOURCE	VALIDATION	EXPECTED ACCURACY
PATCHING	999.9999 (%)	Percent of WiseCrax measured lane area affected by patching	Contractor Post-processing	Manual Pavement Video Processing	Untested (6)
GPS_LAT	999.9999999	Latitude coordinate	ARAN Data Collection	Automatic Output	See GPS Metadata sheet distributed with data
GPS_LON	-999.9999999	Longitude coordinate	ARAN Data Collection	Automatic Output	See GPS Metadata sheet distributed with data
GPS_ELEV	999999.9	Elevation	ARAN Data Collection	Automatic Output	See GPS Metadata sheet distributed with data
GPS_MODE	XXX	GPS mode during collection	ARAN Data Collection	Automatic Output	See GPS Metadata sheet distributed with data
VIDEO	<Par/>C03VID<#>	Removable USB video hard drive number	Contractor Post-processing	Database Processing	Untested
IMAGE	(Text)	Filename of .jpg image showing road interval	Contractor Post-processing	Automatic Output	Untested
SPEED	999 (miles/hour)	Average ARAN speed during data collection	ARAN Data Collection	Automatic Output	Untested
BRIDGE_FLAG	0 or 1	Flag indicating presence of bridge in interval	ARAN Data Collection	Survey Crew Input	Untested
CONSTR_FLAG	0 or 1	Flag indicating construction in interval	ARAN Data Collection	Survey Crew Input	Untested
LANEDEV_FLG	0 or 1	Flag indicating lane deviation in interval	ARAN Data Collection	Survey Crew Input	Untested
DATE	DD/MM/YY	Data collection date	ARAN Data Collection	Automatic Output	100%
NODISTRESS	0 OR 1	Flag indicating absence of pavement distress	Contractor Post-processing	Database Processing	100%
FILENAME	XXXXXXXXXX	Filename of raw data files	ARAN Data Collection	Automatic Output	100%
SECTION	XXXXXX	Route section ID	Route ID Meeting/ARAN Data Collection	Survey Crew Input/Automatic Output	100%
FKEY	9999999	Unique record ID	Contractor Post-processing	Database Processing	100%
VISL_FROM	999999 (millimiles)	Raw MP of first video frame in section	Contractor Post-processing	Database Processing	Untested
VISL_TO	999999 (millimiles)	Raw MP of last video frame in section	Contractor Post-processing	Database Processing	Untested
IDKEY	(Text)	Unique record ID used by VisiData	Contractor Post-processing	Database Processing	Untested
MP_REF	(Text)	Range of mileage to play in VisiData	Contractor Post-processing	Database Processing	Untested

Cycle 3 Shapefile Metadata

Metadata is provided for all shapefiles used for the creation of RIP report documents. The metadata for each shapefile associated with the park can be found in Section 10 of the PDF report provided on your park CD.

All shapefiles have the following spatial characteristics:

Geographic_Coordinate_Units: Decimal degrees
Spheroid: WGS 1984

brca_mi_pt

Metadata also available as

Metadata:

- [Identification Information](#)
 - [Data Quality Information](#)
 - [Spatial Data Organization Information](#)
 - [Spatial Reference Information](#)
 - [Entity and Attribute Information](#)
 - [Distribution Information](#)
 - [Metadata Reference Information](#)
-

Identification_Information:

Citation:

Citation_Information:

Originator: The TSR Group

Publication_Date: 2005

Title: brca_mi_pt

Geospatial_Data_Presentation_Form: vector digital data

Online_Linkage: Not Available

Description:

Abstract: Mile Points

Purpose: Road Inventory Program

Supplemental_Information:

Data created by The TSR Group from GPS coordinates provided in the PMS_20 table. All attributes found in the PMS_20 table are found on the miles points.

Time_Period_of_Content:

Time_Period_Information:

Single_Date/Time:

Calendar_Date: 2005

Currentness_Reference: ground condition

Status:

Progress: Complete

Maintenance_and_Update_Frequency: Not Available

Spatial_Domain:

Bounding_Coordinates:

West_Bounding_Coordinate: -112.265535

East_Bounding_Coordinate: -112.108154

North_Bounding_Coordinate: 37.686722

South_Bounding_Coordinate: 37.474263

Keywords:

Theme:

Theme_Keyword_Thesaurus: BRCA

Theme_Keyword: BRCA

Access_Constraints: None

Use_Constraints: Redistribution needs permission from EFLHD/NPS

Point_of_Contact:

Contact_Information:

Contact_Person_Primary:

Contact_Person: Dan VanGilder

Contact_Organization: EFLHD Sterling

Contact_Position: GIS Coordinator

Contact_Address:

Address_Type: mailing and physical address

Address: 21400 Ridgetop Circle

City: Sterling

State_or_Province: Virginia

Postal_Code: 20166

Country: United States

Contact_Voice_Telephone: 703-404-6361

Contact_Electronic_Mail_Address: dvangilder@fhwa.dot.gov

Native_Data_Set_Environment:

Microsoft Windows 2000 Version 5.0 (Build 2195) Service Pack 4; ESRI ArcCatalog 8.3.0.800

Data_Quality_Information:

Attribute_Accuracy:

Attribute_Accuracy_Report: Good

Completeness_Report: Complete for mile points

Lineage:

Source_Information:

Type_of_Source_Media: GPS

Spatial_Data_Organization_Information:

Direct_Spatial_Reference_Method: Vector

Point_and_Vector_Object_Information:

SDTS_Terms_Description:

SDTS_Point_and_Vector_Object_Type: Entity point

Point_and_Vector_Object_Count: 48

Spatial_Reference_Information:

Horizontal_Coordinate_System_Definition:

Geographic:

Latitude_Resolution: 0.000000

Longitude_Resolution: 0.000000

Geographic_Coordinate_Units: Decimal degrees

Geodetic_Model:

Horizontal_Datum_Name: North American Datum of 1927

Ellipsoid_Name: Clarke 1866

Semi-major_Axis: 6378206.400000

Denominator_of_Flattening_Ratio: 294.978698

Entity_and_Attribute_Information:

Detailed_Description:

Entity_Type:

Entity_Type_Label: brca_mi_pt

Attribute:

Attribute_Label: FID

Attribute_Definition: Internal feature number.

Attribute_Definition_Source: ESRI

Attribute_Domain_Values:

Unrepresentable_Domain:

Sequential unique whole numbers that are automatically generated.

Attribute:

Attribute_Label: Shape

Attribute_Definition: Feature geometry.

Attribute_Definition_Source: ESRI

Attribute_Domain_Values:

Unrepresentable_Domain: Coordinates defining the features.

Attribute:

Attribute_Label: RIP_CYCLE

Attribute_Definition: 3, for data collection cycle 3

Attribute_Definition_Source: Route ID Meeting

Attribute:

Attribute_Label: STATE

Attribute_Definition: State where route is located

Attribute_Definition_Source: Route ID Meeting

Attribute:

Attribute_Label: PARK_ALPHA

Attribute_Definition: Park alpha code

Attribute_Definition_Source: Route ID Meeting

Attribute:

Attribute_Label: PARK_NO

Attribute_Definition: Park numeric code

Attribute_Definition_Source: Route ID Meeting

Attribute:

Attribute_Label: RTE_NO

Attribute_Definition: Route number

Attribute_Definition_Source: Route ID Meeting

Attribute:

Attribute_Label: FUNCT_CLAS

Attribute_Definition: Route functional class

Attribute_Definition_Source: Route ID Meeting

Attribute:

Attribute_Label: DIRECTION

Attribute_Definition: Survey lane: PRI (primary) or OPP (opposite)

Attribute_Definition_Source: Route ID Meeting

Attribute:

Attribute_Label: BEG_MP

Attribute_Definition: MP at end of road interval described by database record

Attribute_Definition_Source: Contractor Post-processing

Attribute:

Attribute_Label: END_MP

Attribute_Definition: MP at end of road interval described by database record

Attribute_Definition_Source: Contractor Post-processing

Attribute:

Attribute_Label: INT_LENGTH

Attribute_Definition: Length of road interval as aggregated from data table

Attribute_Definition_Source: Contractor Post-processing

Attribute:

Attribute_Label: RTE_LENGTH

Attribute_Definition: Collected route length

Attribute_Definition_Source: ARAN Data Collection

Attribute:

Attribute_Label: NO_LANES

Attribute_Definition: Number of lanes in route

Attribute_Definition_Source: ARAN Data Collection

Attribute:

Attribute_Label: LANE_NO

Attribute_Definition: Data collection lane

Attribute_Definition_Source: Contractor Post-processing

Attribute:

Attribute_Label: WX_LANE_WI

Attribute_Definition: WiseCrax (crack detection software) analysis width

Attribute_Definition_Source: Contractor Post-processing

Attribute:

Attribute_Label: LANE_WIDTH

Attribute_Definition: Width of lane

Attribute_Definition_Source: Contractor Post-processing

Attribute:

Attribute_Label: PAVE_WIDTH

Attribute_Definition: Full pavement width

Attribute_Definition_Source: Contractor Post-processing

Attribute:

Attribute_Label: SHLD_WIDTH

Attribute_Definition: Left shoulder width

Attribute_Definition_Source: Contractor Post-processing

Attribute:

Attribute_Label: SHLD_WID_1

Attribute_Definition: Right shoulder width

Attribute_Definition_Source: Contractor Post-processing

Attribute:

Attribute_Label: SHLD_COND_

Attribute_Definition: Left shoulder condition

Attribute_Definition_Source: ARAN Data Collection

Attribute:

Attribute_Label: SHLD_COND1

Attribute_Definition: Right shoulder condition

Attribute_Definition_Source: ARAN Data Collection

Attribute:

Attribute_Label: DRAIN_COND
Attribute_Definition: Left drainage condition
Attribute_Definition_Source: ARAN Data Collection

Attribute:

Attribute_Label: DRAIN_CO_1
Attribute_Definition: Right drainage condition
Attribute_Definition_Source: ARAN Data Collection

Attribute:

Attribute_Label: SURF_TYPE
Attribute_Definition: Surface type of route
Attribute_Definition_Source: ARAN Data Collection

Attribute:

Attribute_Label: PCR
Attribute_Definition: Pavement Condition Rating
Attribute_Definition_Source: Contractor Post-processing

Attribute:

Attribute_Label: RCI
Attribute_Definition: Roughness Condition Index; -1 if invalid IRI
Attribute_Definition_Source: Contractor Post-processing

Attribute:

Attribute_Label: SCR
Attribute_Definition: Surface Condition Rating
Attribute_Definition_Source: Contractor Post-processing

Attribute:

Attribute_Label: IRI_AVG
Attribute_Definition: Average IRI
Attribute_Definition_Source: Contractor Post-processing

Attribute:

Attribute_Label: IRI_SD
Attribute_Definition: IRI Standard Deviation
Attribute_Definition_Source: Contractor Post-processing

Attribute:

Attribute_Label: IRI_L
Attribute_Definition: Left wheel path IRI
Attribute_Definition_Source: ARAN Data Collection

Attribute:

Attribute_Label: IRI_R
Attribute_Definition: Right wheel path IRI
Attribute_Definition_Source: ARAN Data Collection

Attribute:

Attribute_Label: IRI_FLAG
Attribute_Definition: -1 if invalid IRI data
Attribute_Definition_Source: Contractor Post-processing

Attribute:

Attribute_Label: RUT_INDEX
Attribute_Definition: Rut index
Attribute_Definition_Source: Contractor Post-processing

Attribute:

Attribute_Label: RUT_AVG
Attribute_Definition: Average rut depth of both wheelpaths
Attribute_Definition_Source: Contractor Post-processing

*Attribute:**Attribute_Label:* RUT_MAX*Attribute_Definition:* Maximum rut depth of both wheelpaths*Attribute_Definition_Source:* Contractor Post-processing*Attribute:**Attribute_Label:* RUT_SD*Attribute_Definition:* Rut depth standard deviation*Attribute_Definition_Source:* Contractor Post-processing*Attribute:**Attribute_Label:* RUT_LOW*Attribute_Definition:*

Percent of low severity ruts (on a 0-200% scale) in both wheelpaths

Attribute_Definition_Source: Contractor Post-processing*Attribute:**Attribute_Label:* RUT_MED*Attribute_Definition:*

Percent of medium severity ruts (on a 0-200% scale) in both wheelpaths

Attribute_Definition_Source: Contractor Post-processing*Attribute:**Attribute_Label:* RUT_HI*Attribute_Definition:*

Percent of high severity ruts (on a 0-200% scale) in both wheelpaths

Attribute_Definition_Source: Contractor Post-processing*Attribute:**Attribute_Label:* XFALL*Attribute_Definition:* Cross fall at start of road interval*Attribute_Definition_Source:* ARAN Data Collection*Attribute:**Attribute_Label:* GRADE*Attribute_Definition:* Grade at start of road interval*Attribute_Definition_Source:* ARAN Data Collection*Attribute:**Attribute_Label:* AC_INDEX*Attribute_Definition:* Alligator cracking index*Attribute_Definition_Source:* Contractor Post-processing*Attribute:**Attribute_Label:* AC_LOW*Attribute_Definition:*

Percent of WiseCrax measured lane area with low-severity alligator cracking

Attribute_Definition_Source: Contractor Post-processing*Attribute:**Attribute_Label:* AC_MED*Attribute_Definition:*

Percent of WiseCrax measured lane area with medium-severity alligator cracking

Attribute_Definition_Source: Contractor Post-processing*Attribute:**Attribute_Label:* AC_HI*Attribute_Definition:*

Percent of WiseCrax measured lane area with high-severity alligator cracking

Attribute_Definition_Source: Contractor Post-processing

*Attribute:**Attribute_Label:* LC_INDEX*Attribute_Definition:* Longitudinal cracking index*Attribute_Definition_Source:* Contractor Post-processing*Attribute:**Attribute_Label:* LC_LOW*Attribute_Definition:*

Low-severity longitudinal cracking in lane as a percentage of road interval length

Attribute_Definition_Source: Contractor Post-processing*Attribute:**Attribute_Label:* LC_MED*Attribute_Definition:*

Medium-severity longitudinal cracking in lane as a percentage of road interval length

Attribute_Definition_Source: Contractor Post-processing*Attribute:**Attribute_Label:* LC_HI*Attribute_Definition:*

High-severity longitudinal cracking in lane as a percentage of road interval length

Attribute_Definition_Source: Contractor Post-processing*Attribute:**Attribute_Label:* TC_INDEX*Attribute_Definition:* Transverse cracking index*Attribute_Definition_Source:* Contractor Post-processing*Attribute:**Attribute_Label:* TC_LOW*Attribute_Definition:*

Count of low-severity transverse cracks, where one crack unit equals the WiseCrax measured land width

Attribute_Definition_Source: Contractor Post-processing*Attribute:**Attribute_Label:* TC_MED*Attribute_Definition:*

Count of medium-severity transverse cracks, where one crack unit equals the WiseCrax measured land width

Attribute_Definition_Source: Contractor Post-processing*Attribute:**Attribute_Label:* TC_HI*Attribute_Definition:*

Count of high-severity transverse cracks, where one crack unit equals the WiseCrax measured land width

Attribute_Definition_Source: Contractor Post-processing*Attribute:**Attribute_Label:* PATCH_INDE*Attribute_Definition:* Patching index*Attribute_Definition_Source:* Contractor Post-processing*Attribute:**Attribute_Label:* PATCHING*Attribute_Definition:* Percent of WiseCrax measured lane area affected by patching

Attribute_Definition_Source: Contractor Post-processing
Attribute:
Attribute_Label: GPS_LAT
Attribute_Definition: Latitude coordinate
Attribute_Definition_Source: ARAN Data Collection
Attribute:
Attribute_Label: GPS_LON
Attribute_Definition: Longitude coordinate
Attribute_Definition_Source: ARAN Data Collection
Attribute:
Attribute_Label: GPS_ELEV
Attribute_Definition: Elevation
Attribute_Definition_Source: ARAN Data Collection
Attribute:
Attribute_Label: GPS_MODE
Attribute_Definition: GPS mode during collection
Attribute_Definition_Source: ARAN Data Collection
Attribute:
Attribute_Label: VIDEO
Attribute_Definition: Removable USB video hard drive number
Attribute_Definition_Source: Contractor Post-processing
Attribute:
Attribute_Label: IMAGE
Attribute_Definition: Filename of .jpg image showing road interval
Attribute_Definition_Source: Contractor Post-processing
Attribute:
Attribute_Label: SPEED
Attribute_Definition: Average ARAN speed during data collection
Attribute_Definition_Source: ARAN Data Collection
Attribute:
Attribute_Label: BRIDGE_FL
Attribute_Definition: Flag indicating presence of bridge in interval
Attribute_Definition_Source: ARAN Data Collection
Attribute:
Attribute_Label: CONSTR_FL
Attribute_Definition: Flag indicating construction in interval
Attribute_Definition_Source: ARAN Data Collection
Attribute:
Attribute_Label: LANEDEV_FL
Attribute_Definition: Flag indicating lane deviation in interval
Attribute_Definition_Source: ARAN Data Collection
Attribute:
Attribute_Label: DATE
Attribute_Definition: Data collection date
Attribute_Definition_Source: ARAN Data Collection
Attribute:
Attribute_Label: NODISTRESS
Attribute_Definition: Flag indicating absence of pavement distress
Attribute_Definition_Source: Contractor Post-processing
Attribute:
Attribute_Label: FILENAME

Attribute_Definition: Filename of raw data files
Attribute_Definition_Source: ARAN Data Collection

Attribute:

Attribute_Label: SECTION
Attribute_Definition: route section ID
Attribute_Definition_Source: Route ID Meeting / ARAN Data Collection

Attribute:

Attribute_Label: FKEY
Attribute_Definition: Unique record ID
Attribute_Definition_Source: Contractor Post-processing

Attribute:

Attribute_Label: VISI_FROM
Attribute_Definition: Raw MP of first video frame in section
Attribute_Definition_Source: Contractor Post-processing

Attribute:

Attribute_Label: VISI_TO
Attribute_Definition: Raw MP of last video frame in section
Attribute_Definition_Source: Contractor Post-processing

Attribute:

Attribute_Label: IDKEY
Attribute_Definition: Unique record ID used by VisiData
Attribute_Definition_Source: Contractor Post-processing

Attribute:

Attribute_Label: MP_REF
Attribute_Definition: Range of mileage to play in VisiData
Attribute_Definition_Source: Contractor Post-processing

Distribution_Information:

Resource_Description: Downloadable Data

Standard_Order_Process:

Digital_Form:

Digital_Transfer_Information:

Transfer_Size: 0.030

Metadata_Reference_Information:

Metadata_Date: 20050407

Metadata_Contact:

Contact_Information:

Contact_Organization_Primary:

Contact_Organization: EFLHD Sterling

Contact_Person: Dan VanGilder

Contact_Position: GIS Coordinator

Contact_Address:

Address_Type: mailing and physical address

Address: 21400 Ridgetop Circle

City: Sterling

State_or_Province: Virginia

Postal_Code: 20166

Country: United States

Contact_Voice_Telephone: 703-404-6361

Contact_Electronic_Mail_Address: dvangilder@fhwa.dot.gov

Metadata_Standard_Name: FGDC Content Standards for Digital Geospatial Metadata

Metadata_Standard_Version: FGDC-STD-001-1998

Metadata_Time_Convention: local time

Metadata_Extensions:

Online_Linkage: <<http://www.esri.com/metadata/esriprof80.html>>

Profile_Name: ESRI Metadata Profile

Generated by [mp](#) version 2.7.33 on Thu Apr 07 15:07:48 2005

brca_mi

Metadata also available as

Metadata:

- [Identification Information](#)
 - [Data Quality Information](#)
 - [Spatial Data Organization Information](#)
 - [Spatial Reference Information](#)
 - [Entity and Attribute Information](#)
 - [Distribution Information](#)
 - [Metadata Reference Information](#)
-

Identification_Information:

Citation:

Citation_Information:

Originator: The TSR Group

Publication_Date: 2005

Title: brca_mi

Geospatial_Data_Presentation_Form: vector digital data

Online_Linkage: Not Available

Description:

Abstract: Routes

Purpose: Road Inventory Program

Supplemental_Information:

Data created by The TSR Group from GPS coordinates provided in the PMS_20 table. The shapefile is processed to aggregate adjacent segments with the same PCR rating provided in the PMS_mile table.

Time_Period_of_Content:

Time_Period_Information:

Single_Date/Time:

Calendar_Date: 2005

Currentness_Reference: ground condition

Status:

Progress: Complete

Maintenance_and_Update_Frequency: As per RIP cycle

Spatial_Domain:

Bounding_Coordinates:

West_Bounding_Coordinate: -112.266808

East_Bounding_Coordinate: -112.097816

North_Bounding_Coordinate: 37.686722

South_Bounding_Coordinate: 37.473099

Keywords:

Theme:

Theme_Keyword_Thesaurus: BRCA

Theme_Keyword: BRCA

Access_Constraints: None

Use_Constraints: Redistribution needs permission from EFLHD/NPS

Point_of_Contact:

Contact_Information:

Contact_Person_Primary:

Contact_Person: Dan VanGilder

Contact_Organization: EFLHD

Contact_Position: GIS Coordinator

Contact_Address:

Address_Type: mailing and physical address

Address: 21400 Ridgetop Circle

City: Sterling

State_or_Province: Virginia

Postal_Code: 20166

Country: United States

Contact_Voice_Telephone: 703-404-6361

Contact_Electronic_Mail_Address: dvangilder@fhwa.dot.gov

Native_Data_Set_Environment:

Microsoft Windows 2000 Version 5.0 (Build 2195) Service Pack 4; ESRI ArcCatalog
8.3.0.800

Data_Quality_Information:

Attribute_Accuracy:

Attribute_Accuracy_Report: Good

Completeness_Report: Complete for routes

Lineage:

Source_Information:

Type_of_Source_Media: GPS

Spatial_Data_Organization_Information:

Direct_Spatial_Reference_Method: Vector

Point_and_Vector_Object_Information:

SDTS_Terms_Description:

SDTS_Point_and_Vector_Object_Type: String

Point_and_Vector_Object_Count: 43

Spatial_Reference_Information:

Horizontal_Coordinate_System_Definition:

Geographic:

Latitude_Resolution: 0.000000

Longitude_Resolution: 0.000000

Geographic_Coordinate_Units: Decimal degrees

Geodetic_Model:

Horizontal_Datum_Name: North American Datum of 1927

Ellipsoid_Name: Clarke 1866

Semi-major_Axis: 6378206.400000
Denominator_of_Flattening_Ratio: 294.978698

Entity_and_Attribute_Information:

Detailed_Description:

Entity_Type:

Entity_Type_Label: brca_mi

Attribute:

Attribute_Label: FID

Attribute_Definition: Internal feature number.

Attribute_Definition_Source: ESRI

Attribute_Domain_Values:

Unrepresentable_Domain:

Sequential unique whole numbers that are automatically generated.

Attribute:

Attribute_Label: Shape

Attribute_Definition: Feature geometry.

Attribute_Definition_Source: ESRI

Attribute_Domain_Values:

Unrepresentable_Domain: Coordinates defining the features.

Attribute:

Attribute_Label: LENGTH

Attribute_Definition: Length of feature

Attribute_Definition_Source: ESRI

Attribute:

Attribute_Label: ID

Attribute:

Attribute_Label: RTE_NO

Attribute_Definition: Route number

Attribute_Definition_Source: Route ID Meeting

Attribute:

Attribute_Label: RT_LENGTH

Attribute_Definition: Collected route length

Attribute_Definition_Source: ARAN Data Collection

Attribute:

Attribute_Label: PCRMI

Attribute_Definition: Numeric PCR definition

Attribute_Domain_Values:

Range_Domain:

Range_Domain_Minimum: 0

Range_Domain_Maximum: 100

Attribute:

Attribute_Label: PCR_RATEMI

Attribute_Definition: Verbal PCR definition

Attribute_Domain_Values:

Enumerated_Domain:

Enumerated_Domain_Value: POOR

Enumerated_Domain_Value_Definition: PCR value <= 60

Enumerated_Domain:

Enumerated_Domain_Value: FAIR

Enumerated_Domain_Value_Definition: PCR value 61-84

Enumerated_Domain:

Enumerated_Domain_Value: GOOD

Enumerated_Domain_Value_Definition: PCR value 85-94

Enumerated_Domain:

Enumerated_Domain_Value: EXCELLENT

Enumerated_Domain_Value_Definition: PCR value 95-100

Attribute:

Attribute_Label: TSR_EDIT

Attribute_Definition: Indicates whether feature has been edited for graphic purposes.

Attribute_Domain_Values:

Enumerated_Domain:

Enumerated_Domain_Value: 1

Enumerated_Domain_Value_Definition: Edit has been made to feature for graphic purposes

Enumerated_Domain:

Enumerated_Domain_Value: 0

Enumerated_Domain_Value_Definition: No edit made to feature.

Distribution_Information:

Resource_Description: Downloadable Data

Standard_Order_Process:

Digital_Form:

Digital_Transfer_Information:

Transfer_Size: 0.016

Metadata_Reference_Information:

Metadata_Date: 20050407

Metadata_Contact:

Contact_Information:

Contact_Organization_Primary:

Contact_Organization: EFLHD Sterling

Contact_Person: Dan VanGilder

Contact_Position: GIS Coordinator

Contact_Address:

Address_Type: mailing and physical address

City: Sterling

State_or_Province: Virginia

Postal_Code: 20166

Country: United States

Contact_Voice_Telephone: 703-404-6361

Contact_Electronic_Mail_Address: dvangilder@fhwa.dot.gov

Metadata_Standard_Name: FGDC Content Standards for Digital Geospatial Metadata

Metadata_Standard_Version: FGDC-STD-001-1998

Metadata_Time_Convention: local time

Metadata_Extensions:

Online_Linkage: <<http://www.esri.com/metadata/esriprof80.html>>
Profile_Name: ESRI Metadata Profile

Generated by [mp](#) version 2.7.33 on Thu Apr 07 15:08:05 2005

brca_mrl_03_map

Metadata also available as

Metadata:

- [Identification Information](#)
 - [Data Quality Information](#)
 - [Spatial Data Organization Information](#)
 - [Spatial Reference Information](#)
 - [Entity and Attribute Information](#)
 - [Distribution Information](#)
 - [Metadata Reference Information](#)
-

Identification_Information:

Citation:

Citation_Information:

Originator: Eastern Federal Lands Highway Division

Publication_Date: Published Materials

Title: brca_mrl_03_map

Geospatial_Data_Presentation_Form: vector digital data

Online_Linkage: Not Available

Description:

Abstract: Copy of Manually Rated Roads - Lines

Purpose: Road Inventory Program

Supplemental_Information:

This shapefile is a copy of the source manually rated lines shapefile. The features are edited as needed for graphic purposes.

Time_Period_of_Content:

Time_Period_Information:

Single_Date/Time:

Calendar_Date: 04/12/2003

Currentness_Reference: ground condition

Status:

Progress: Complete

Maintenance_and_Update_Frequency: As per RIP cycle

Spatial_Domain:

Bounding_Coordinates:

West_Bounding_Coordinate: -112.182251

East_Bounding_Coordinate: -112.173736

North_Bounding_Coordinate: 37.632519

South_Bounding_Coordinate: 37.625544

Keywords:

Theme:

Theme_Keyword_Thesaurus: BRCA

Theme_Keyword: BRCA

Access_Constraints: None

Use_Constraints: Redistribution needs permission from EFLHD/NPS

Point_of_Contact:

Contact_Information:

Contact_Person_Primary:

Contact_Person: Dan VanGilder

Contact_Organization: EFLHD

Contact_Position: GIS Coordinator

Contact_Address:

Address_Type: mailing and physical address

Address: 21400 Ridgetop Circle

City: Sterling

State_or_Province: Virginia

Postal_Code: 20166

Country: United States

Contact_Voice_Telephone: 703-404-6361

Contact_Electronic_Mail_Address: dvangilder@fhwa.dot.gov

Native_Data_Set_Environment:

Microsoft Windows 2000 Version 5.0 (Build 2195) Service Pack 4; ESRI ArcCatalog 8.3.0.800

Data_Quality_Information:

Attribute_Accuracy:

Attribute_Accuracy_Report: Good

Completeness_Report: Complete for parking areas

Lineage:

Source_Information:

Type_of_Source_Media: GPS

Spatial_Data_Organization_Information:

Direct_Spatial_Reference_Method: Vector

Point_and_Vector_Object_Information:

SDTS_Terms_Description:

SDTS_Point_and_Vector_Object_Type: G-polygon

Point_and_Vector_Object_Count: 2

Spatial_Reference_Information:

Horizontal_Coordinate_System_Definition:

Geographic:

Latitude_Resolution: 0.000000

Longitude_Resolution: 0.000000

Geographic_Coordinate_Units: Decimal degrees

Geodetic_Model:

Horizontal_Datum_Name: North American Datum of 1927

Ellipsoid_Name: Clarke 1866

Semi-major_Axis: 6378206.400000

Denominator_of_Flattening_Ratio: 294.978698

Entity_and_Attribute_Information:

Detailed_Description:

Entity_Type:

Entity_Type_Label: brca_mrl_03_map

Entity_Type_Definition_Source: GPS

Attribute:

Attribute_Label: FID

Attribute_Definition: Internal feature number.

Attribute_Definition_Source: ESRI

Attribute_Domain_Values:

Enumerated_Domain:

Unrepresentable_Domain:

Sequential unique whole numbers that are automatically generated.

Attribute:

Attribute_Label: Shape

Attribute_Definition: Feature geometry.

Attribute_Definition_Source: ESRI

Attribute_Domain_Values:

Unrepresentable_Domain: Coordinates defining the features.

Attribute:

Attribute_Label: PARK_ALPHA

Attribute_Definition: Park alpha code

Attribute_Definition_Source: Route ID Meeting

Attribute:

Attribute_Label: RTE_NO

Attribute_Definition: Route Number

Attribute_Definition_Source: Route ID Meeting

Attribute:

Attribute_Label: RTE_NAME

Attribute_Definition: Route Name

Attribute_Definition_Source: Route ID Meeting

Attribute:

Attribute_Label: SECTION_

Attribute_Definition: Route Section ID

Attribute_Definition_Source: Route ID Meeting / ARAN Data Collection

Attribute:

Attribute_Label: SURF_TYPE

Attribute_Definition: Surface type of route

Attribute_Definition_Source: ARAN Data Collection

Attribute:

Attribute_Label: CONDITION

Attribute_Definition: Condition rating

Attribute_Domain_Values:

Attribute:

Attribute_Label: COMMENT

Attribute_Definition: Field comment

Attribute:

Attribute_Label: GPS_DATE
Attribute_Definition: Date of GPS Collection

Attribute:

Attribute_Label: DATAFILE

Attribute:

Attribute_Label: SQ_FT

Attribute_Definition: Width of the paved area

Attribute:

Attribute_Label: PAVED_MI

Attribute_Definition: Calculated paved miles

Distribution_Information:

Resource_Description: Downloadable Data

Standard_Order_Process:

Digital_Form:

Digital_Transfer_Information:

Transfer_Size: 0.037

Metadata_Reference_Information:

Metadata_Date: 20050407

Metadata_Contact:

Contact_Information:

Contact_Organization_Primary:

Contact_Organization: EFLHD Sterling

Contact_Person: Dan VanGilder

Contact_Position: GIS Coordinator

Contact_Address:

Address_Type: mailing and physical address

Address: 21400 Ridgetop Circle

City: Sterling

State_or_Province: Virginia

Postal_Code: 20166

Country: United States

Contact_Voice_Telephone: 703-404-6361

Contact_Electronic_Mail_Address: dvangilder@fhwa.dot.gov

Metadata_Standard_Name: FGDC Content Standards for Digital Geospatial Metadata

Metadata_Standard_Version: FGDC-STD-001-1998

Metadata_Time_Convention: local time

Metadata_Extensions:

Online_Linkage: <<http://www.esri.com/metadata/esriprof80.html>>

Profile_Name: ESRI Metadata Profile

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brca_mrl_03

Metadata also available as

Metadata:

- [Identification Information](#)
 - [Data Quality Information](#)
 - [Spatial Data Organization Information](#)
 - [Spatial Reference Information](#)
 - [Entity and Attribute Information](#)
 - [Distribution Information](#)
 - [Metadata Reference Information](#)
-

Identification_Information:

Citation:

Citation_Information:

Originator: Eastern Federal Lands Highway Division

Publication_Date: Published Materials

Title: brca_mrl_03

Geospatial_Data_Presentation_Form: vector digital data

Online_Linkage: Not Available

Description:

Abstract: Manually Rated Roads - Lines

Purpose: Road Inventory Program

Time_Period_of_Content:

Time_Period_Information:

Single_Date/Time:

Calendar_Date: 04/12/2003

Currentness_Reference: ground condition

Status:

Progress: Complete

Maintenance_and_Update_Frequency: As per RIP cycle

Spatial_Domain:

Bounding_Coordinates:

West_Bounding_Coordinate: -112.182251

East_Bounding_Coordinate: -112.173736

North_Bounding_Coordinate: 37.632519

South_Bounding_Coordinate: 37.625544

Keywords:

Theme:

Theme_Keyword_Thesaurus: BRCA

Theme_Keyword: BRCA

Access_Constraints: None

Use_Constraints: Redistribution needs permission from EFLHD/NPS

Point_of_Contact:

Contact_Information:

*Contact_Person_Primary:**Contact_Person:* Dan VanGilder*Contact_Organization:* EFLHD*Contact_Position:* GIS Coordinator*Contact_Address:**Address_Type:* mailing and physical address*Address:* 21400 Ridgetop Circle*City:* Sterling*State_or_Province:* Virginia*Postal_Code:* 20166*Country:* United States*Contact_Voice_Telephone:* 703-404-6361*Contact_Electronic_Mail_Address:* dvangilder@fhwa.dot.gov*Native_Data_Set_Environment:*

Microsoft Windows 2000 Version 5.0 (Build 2195) Service Pack 4; ESRI ArcCatalog
8.3.0.800

*Data_Quality_Information:**Attribute_Accuracy:**Attribute_Accuracy_Report:* Good*Completeness_Report:* Complete for parking areas*Lineage:**Source_Information:**Type_of_Source_Media:* GPS*Spatial_Data_Organization_Information:**Direct_Spatial_Reference_Method:* Vector*Point_and_Vector_Object_Information:**SDTS_Terms_Description:**SDTS_Point_and_Vector_Object_Type:* G-polygon*Point_and_Vector_Object_Count:* 2*Spatial_Reference_Information:**Horizontal_Coordinate_System_Definition:**Geographic:**Latitude_Resolution:* 0.000000*Longitude_Resolution:* 0.000000*Geographic_Coordinate_Units:* Decimal degrees*Geodetic_Model:**Horizontal_Datum_Name:* North American Datum of 1927*Ellipsoid_Name:* Clarke 1866*Semi-major_Axis:* 6378206.400000*Denominator_of_Flattening_Ratio:* 294.978698

*Entity_and_Attribute_Information:**Detailed_Description:**Entity_Type:**Entity_Type_Label:* brca_mrl_03*Entity_Type_Definition_Source:* GPS*Attribute:**Attribute_Label:* FID*Attribute_Definition:* Internal feature number.*Attribute_Definition_Source:* ESRI*Attribute_Domain_Values:**Enumerated_Domain:**Unrepresentable_Domain:*

Sequential unique whole numbers that are automatically generated.

*Attribute:**Attribute_Label:* Shape*Attribute_Definition:* Feature geometry.*Attribute_Definition_Source:* ESRI*Attribute_Domain_Values:**Unrepresentable_Domain:* Coordinates defining the features.*Attribute:**Attribute_Label:* PARK_ALPHA*Attribute_Definition:* Park alpha code*Attribute_Definition_Source:* Route ID Meeting*Attribute:**Attribute_Label:* RTE_NO*Attribute_Definition:* Route Number*Attribute_Definition_Source:* Route ID Meeting*Attribute:**Attribute_Label:* RTE_NAME*Attribute_Definition:* Route Name*Attribute_Definition_Source:* Route ID Meeting*Attribute:**Attribute_Label:* SECTION_*Attribute_Definition:* Route Section ID*Attribute_Definition_Source:* Route ID Meeting / ARAN Data Collection*Attribute:**Attribute_Label:* SURF_TYPE*Attribute_Definition:* Surface type of route*Attribute_Definition_Source:* ARAN Data Collection*Attribute:**Attribute_Label:* CONDITION*Attribute_Definition:* Condition rating*Attribute_Domain_Values:**Attribute:**Attribute_Label:* COMMENT*Attribute_Definition:* Field comment*Attribute:**Attribute_Label:* GPS_DATE*Attribute_Definition:* Date of GPS Collection*Attribute:**Attribute_Label:* DATAFILE

*Attribute:**Attribute_Label:* SQ_FT*Attribute_Definition:* Width of the paved area*Attribute:**Attribute_Label:* PAVED_MI*Attribute_Definition:* Calculated paved miles

*Distribution_Information:**Resource_Description:* Downloadable Data*Standard_Order_Process:**Digital_Form:**Digital_Transfer_Information:**Transfer_Size:* 0.037

*Metadata_Reference_Information:**Metadata_Date:* 20050407*Metadata_Contact:**Contact_Information:**Contact_Organization_Primary:**Contact_Organization:* EFLHD Sterling*Contact_Person:* Dan VanGilder*Contact_Position:* GIS Coordinator*Contact_Address:**Address_Type:* mailing and physical address*Address:* 21400 Ridgetop Circle*City:* Sterling*State_or_Province:* Virginia*Postal_Code:* 20166*Country:* United States*Contact_Voice_Telephone:* 703-404-6361*Contact_Electronic_Mail_Address:* dvangilder@fhwa.dot.gov*Metadata_Standard_Name:* FGDC Content Standards for Digital Geospatial Metadata*Metadata_Standard_Version:* FGDC-STD-001-1998*Metadata_Time_Convention:* local time*Metadata_Extensions:**Online_Linkage:* <<http://www.esri.com/metadata/esriprof80.html>>*Profile_Name:* ESRI Metadata Profile

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brca_pkg_03_map

Metadata also available as

Metadata:

- [Identification Information](#)
 - [Data Quality Information](#)
 - [Spatial Data Organization Information](#)
 - [Spatial Reference Information](#)
 - [Entity and Attribute Information](#)
 - [Distribution Information](#)
 - [Metadata Reference Information](#)
-

Identification_Information:

Citation:

Citation_Information:

Originator: Eastern Federal Lands Highway Division

Publication_Date: Unknown

Title: brca_pkg_03_map

Geospatial_Data_Presentation_Form: vector digital data

Online_Linkage: Not Available

Description:

Abstract: Copy of Parking Areas

Purpose: Road Inventory Program

Supplemental_Information:

This shapefile is a copy of the source parking shapefile. The features are edited as needed for graphic purposes.

Time_Period_of_Content:

Time_Period_Information:

Single_Date/Time:

Calendar_Date: 04/12/2003

Currentness_Reference: ground condition

Status:

Progress: Complete

Maintenance_and_Update_Frequency: As per RIP cycle

Spatial_Domain:

Bounding_Coordinates:

West_Bounding_Coordinate: -112.265243

East_Bounding_Coordinate: -112.147450

North_Bounding_Coordinate: 37.655806

South_Bounding_Coordinate: 37.474278

Keywords:

Theme:

Theme_Keyword_Thesaurus: BRCA

Theme_Keyword: BRCA

Access_Constraints: None

Use_Constraints: Redistribution needs permission from EFLHD/NPS

Point_of_Contact:

Contact_Information:

Contact_Person_Primary:

Contact_Person: Dan VanGilder

Contact_Organization: EFLHD

Contact_Position: GIS Coordinator

Contact_Address:

Address_Type: mailing and physical address

Address: 21400 Ridgetop Circle

City: Sterling

State_or_Province: Virginia

Postal_Code: 20166

Country: United States

Contact_Voice_Telephone: 703-404-6361

Contact_Electronic_Mail_Address: dvangilder@fhwa.dot.gov

Native_Data_Set_Environment:

Microsoft Windows 2000 Version 5.0 (Build 2195) Service Pack 4; ESRI ArcCatalog 8.3.0.800

Data_Quality_Information:

Attribute_Accuracy:

Attribute_Accuracy_Report: Good

Completeness_Report: Complete for parking areas

Lineage:

Source_Information:

Type_of_Source_Media: GPS

Spatial_Data_Organization_Information:

Direct_Spatial_Reference_Method: Vector

Point_and_Vector_Object_Information:

SDTS_Terms_Description:

SDTS_Point_and_Vector_Object_Type: G-polygon

Point_and_Vector_Object_Count: 44

Spatial_Reference_Information:

Horizontal_Coordinate_System_Definition:

Geographic:

Latitude_Resolution: 0.000000

Longitude_Resolution: 0.000000

Geographic_Coordinate_Units: Decimal degrees

Geodetic_Model:

Horizontal_Datum_Name: North American Datum of 1927

Ellipsoid_Name: Clarke 1866

Semi-major_Axis: 6378206.400000

Denominator_of_Flattening_Ratio: 294.978698

Entity_and_Attribute_Information:

Detailed_Description:

Entity_Type:

Entity_Type_Label: brca_pkg_03_map

Attribute:

Attribute_Label: FID

Attribute_Definition: Internal feature number.

Attribute_Definition_Source: ESRI

Attribute_Domain_Values:

Unrepresentable_Domain:

Sequential unique whole numbers that are automatically generated.

Attribute:

Attribute_Label: Shape

Attribute_Definition: Feature geometry.

Attribute_Definition_Source: ESRI

Attribute_Domain_Values:

Unrepresentable_Domain: Coordinates defining the features.

Attribute:

Attribute_Label: PARK_ALPHA

Attribute_Definition: Park alpha code

Attribute_Definition_Source: Route ID Meeting

Attribute:

Attribute_Label: RTE_NO

Attribute_Definition: Route number

Attribute_Definition_Source: Route ID Meeting

Attribute:

Attribute_Label: RTE_NAME

Attribute_Definition: Route name

Attribute_Definition_Source: Route ID Meeting

Attribute:

Attribute_Label: FEATURE

Attribute:

Attribute_Label: SURF_TYPE

Attribute_Definition: Surface type of route

Attribute_Domain_Values:

Attribute:

Attribute_Label: CONDITION

Attribute_Definition: Condition rating for route

Attribute:

Attribute_Label: PHOTOS

Attribute_Definition: Photo filename associated with feature

Attribute:

Attribute_Label: COMMENT

Attribute_Definition: Field comment

Attribute:

Attribute_Label: GPS_DATE

Attribute_Definition: Date of GPS collection

*Attribute:**Attribute_Label:* DATAFILE*Attribute:**Attribute_Label:* SQ_FT*Attribute_Definition:* Feature area in square feet

*Distribution_Information:**Resource_Description:* Downloadable Data*Standard_Order_Process:**Digital_Form:**Digital_Transfer_Information:**Transfer_Size:* 0.018

*Metadata_Reference_Information:**Metadata_Date:* 20050407*Metadata_Contact:**Contact_Information:**Contact_Organization_Primary:**Contact_Organization:* EFLHD Sterling*Contact_Person:* Dan VanGilder*Contact_Position:* GIS Coordinator*Contact_Address:**Address_Type:* mailing and physical address*Address:* 21400 Ridgetop Circle*City:* Sterling*State_or_Province:* Virginia*Postal_Code:* 20166*Country:* United States*Contact_Voice_Telephone:* 703-404-6361*Contact_Electronic_Mail_Address:* dvangilder@fhwa.dot.gov*Metadata_Standard_Name:* FGDC Content Standards for Digital Geospatial Metadata*Metadata_Standard_Version:* FGDC-STD-001-1998*Metadata_Time_Convention:* local time*Metadata_Extensions:**Online_Linkage:* <<http://www.esri.com/metadata/esriprof80.html>>*Profile_Name:* ESRI Metadata Profile

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brca_pkg_03

Metadata also available as

Metadata:

- [Identification Information](#)
 - [Data Quality Information](#)
 - [Spatial Data Organization Information](#)
 - [Spatial Reference Information](#)
 - [Entity and Attribute Information](#)
 - [Distribution Information](#)
 - [Metadata Reference Information](#)
-

Identification_Information:

Citation:

Citation_Information:

Originator: Eastern Federal Lands Highway Division

Publication_Date: Unknown

Title: brca_pkg_03

Geospatial_Data_Presentation_Form: vector digital data

Online_Linkage: Not Available

Description:

Abstract: Parking Areas

Purpose: Road Inventory Program

Time_Period_of_Content:

Time_Period_Information:

Single_Date/Time:

Calendar_Date: 04/12/2003

Currentness_Reference: ground condition

Status:

Progress: Complete

Maintenance_and_Update_Frequency: As per RIP cycle

Spatial_Domain:

Bounding_Coordinates:

West_Bounding_Coordinate: -112.265233

East_Bounding_Coordinate: -112.147395

North_Bounding_Coordinate: 37.655798

South_Bounding_Coordinate: 37.474255

Keywords:

Theme:

Theme_Keyword_Thesaurus: BRCA

Theme_Keyword: BRCA

Access_Constraints: None

Use_Constraints: Redistribution needs permission from EFLHD/NPS

Point_of_Contact:

Contact_Information:

*Contact_Person_Primary:**Contact_Person:* Dan VanGilder*Contact_Organization:* EFLHD*Contact_Position:* GIS Coordinator*Contact_Address:**Address_Type:* mailing and physical address*Address:* 21400 Ridgetop Circle*City:* Sterling*State_or_Province:* Virginia*Postal_Code:* 20166*Country:* United States*Contact_Voice_Telephone:* 703-404-6361*Contact_Electronic_Mail_Address:* dvangilder@fhwa.dot.gov*Native_Data_Set_Environment:*Microsoft Windows 2000 Version 5.0 (Build 2195) Service Pack 4; ESRI ArcCatalog
8.3.0.800

*Data_Quality_Information:**Attribute_Accuracy:**Attribute_Accuracy_Report:* Good*Completeness_Report:* Complete for parking areas*Lineage:**Source_Information:**Type_of_Source_Media:* GPS

*Spatial_Data_Organization_Information:**Direct_Spatial_Reference_Method:* Vector*Point_and_Vector_Object_Information:**SDTS_Terms_Description:**SDTS_Point_and_Vector_Object_Type:* G-polygon*Point_and_Vector_Object_Count:* 44

*Spatial_Reference_Information:**Horizontal_Coordinate_System_Definition:**Geographic:**Latitude_Resolution:* 0.000000*Longitude_Resolution:* 0.000000*Geographic_Coordinate_Units:* Decimal degrees*Geodetic_Model:**Horizontal_Datum_Name:* North American Datum of 1927*Ellipsoid_Name:* Clarke 1866*Semi-major_Axis:* 6378206.400000*Denominator_of_Flattening_Ratio:* 294.978698

*Entity_and_Attribute_Information:**Detailed_Description:**Entity_Type:**Entity_Type_Label:* brca_pkg_03*Attribute:**Attribute_Label:* FID*Attribute_Definition:* Internal feature number.*Attribute_Definition_Source:* ESRI*Attribute_Domain_Values:**Unrepresentable_Domain:*

Sequential unique whole numbers that are automatically generated.

*Attribute:**Attribute_Label:* Shape*Attribute_Definition:* Feature geometry.*Attribute_Definition_Source:* ESRI*Attribute_Domain_Values:**Unrepresentable_Domain:* Coordinates defining the features.*Attribute:**Attribute_Label:* PARK_ALPHA*Attribute_Definition:* Park alpha code*Attribute_Definition_Source:* Route ID Meeting*Attribute:**Attribute_Label:* RTE_NO*Attribute_Definition:* Route number*Attribute_Definition_Source:* Route ID Meeting*Attribute:**Attribute_Label:* RTE_NAME*Attribute_Definition:* Route name*Attribute_Definition_Source:* Route ID Meeting*Attribute:**Attribute_Label:* FEATURE*Attribute:**Attribute_Label:* SURF_TYPE*Attribute_Definition:* Surface type of route*Attribute_Domain_Values:**Attribute:**Attribute_Label:* CONDITION*Attribute_Definition:* Condition rating for route*Attribute:**Attribute_Label:* PHOTOS*Attribute_Definition:* Photo filename associated with feature*Attribute:**Attribute_Label:* COMMENT*Attribute_Definition:* Field comment*Attribute:**Attribute_Label:* GPS_DATE*Attribute_Definition:* Date of GPS collection*Attribute:**Attribute_Label:* DATAFILE*Attribute:**Attribute_Label:* SQ_FT

Attribute_Definition: Feature area in square feet

Distribution_Information:

Resource_Description: Downloadable Data

Standard_Order_Process:

Digital_Form:

Digital_Transfer_Information:

Transfer_Size: 0.018

Metadata_Reference_Information:

Metadata_Date: 20050407

Metadata_Contact:

Contact_Information:

Contact_Organization_Primary:

Contact_Organization: EFLHD Sterling

Contact_Person: Dan VanGilder

Contact_Position: GIS Coordinator

Contact_Address:

Address_Type: mailing and physical address

Address: 21400 Ridgetop Circle

City: Sterling

State_or_Province: Virginia

Postal_Code: 20166

Country: United States

Contact_Voice_Telephone: 703-404-6361

Contact_Electronic_Mail_Address: dvangilder@fhwa.dot.gov

Metadata_Standard_Name: FGDC Content Standards for Digital Geospatial Metadata

Metadata_Standard_Version: FGDC-STD-001-1998

Metadata_Time_Convention: local time

Metadata_Extensions:

Online_Linkage: <<http://www.esri.com/metadata/esriprof80.html>>

Profile_Name: ESRI Metadata Profile

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brca_seg

Metadata also available as

Metadata:

- [Identification Information](#)
 - [Data Quality Information](#)
 - [Spatial Data Organization Information](#)
 - [Spatial Reference Information](#)
 - [Entity and Attribute Information](#)
 - [Distribution Information](#)
 - [Metadata Reference Information](#)
-

Identification_Information:

Citation:

Citation_Information:

Originator: The TSR Group

Publication_Date: 2005

Title: brca_seg

Geospatial_Data_Presentation_Form: vector digital data

Online_Linkage: Not Available

Description:

Abstract: Routes

Purpose: Road Inventory Program

Supplemental_Information:

Data created by The TSR Group from GPS coordinates provided in the PMS_20 table. The shapefile is processed to aggregate adjacent segments with the same PCR rating.

Time_Period_of_Content:

Time_Period_Information:

Single_Date/Time:

Calendar_Date: 2005

Currentness_Reference: ground condition

Status:

Progress: Complete

Maintenance_and_Update_Frequency: As per RIP cycle

Spatial_Domain:

Bounding_Coordinates:

West_Bounding_Coordinate: -112.266808

East_Bounding_Coordinate: -112.097816

North_Bounding_Coordinate: 37.686722

South_Bounding_Coordinate: 37.473099

Keywords:

Theme:

Theme_Keyword_Thesaurus:

BRCA formally registered thesaurus or a similar authoritative source of theme

keywords.

Theme_Keyword: BRCA

Access_Constraints: None

Use_Constraints: Redistribution needs permission from EFLHD/NPS

Point_of_Contact:

Contact_Information:

Contact_Person_Primary:

Contact_Person: Dan VanGilder

Contact_Organization: EFLHD

Contact_Position: GIS Coordinator

Contact_Address:

Address_Type: mailing and physical address

Address: 21400 Ridgetop Circle

City: Sterling

State_or_Province: Virginia

Postal_Code: 20166

Country: United States

Contact_Voice_Telephone: 703-404-6361

Contact_Electronic_Mail_Address: dvangilder@fhwa.dot.gov

Native_Data_Set_Environment:

Microsoft Windows 2000 Version 5.0 (Build 2195) Service Pack 4; ESRI ArcCatalog
8.3.0.800

Data_Quality_Information:

Attribute_Accuracy:

Attribute_Accuracy_Report: Good

Completeness_Report: Complete for routes

Lineage:

Source_Information:

Type_of_Source_Media: GPS

Spatial_Data_Organization_Information:

Direct_Spatial_Reference_Method: Vector

Point_and_Vector_Object_Information:

SDTS_Terms_Description:

SDTS_Point_and_Vector_Object_Type: String

Point_and_Vector_Object_Count: 149

Spatial_Reference_Information:

Horizontal_Coordinate_System_Definition:

Geographic:

Latitude_Resolution: 0.000000

Longitude_Resolution: 0.000000

Geographic_Coordinate_Units: Decimal degrees

Geodetic_Model:

Horizontal_Datum_Name: North American Datum of 1927
Ellipsoid_Name: Clarke 1866
Semi-major_Axis: 6378206.400000
Denominator_of_Flattening_Ratio: 294.978698

Entity_and_Attribute_Information:

Detailed_Description:

Entity_Type:

Entity_Type_Label: brca_seg

Attribute:

Attribute_Label: FID

Attribute_Definition: Internal feature number.

Attribute_Definition_Source: ESRI

Attribute_Domain_Values:

Unrepresentable_Domain:

Sequential unique whole numbers that are automatically generated.

Attribute:

Attribute_Label: Shape

Attribute_Definition: Feature geometry.

Attribute_Definition_Source: ESRI

Attribute_Domain_Values:

Unrepresentable_Domain: Coordinates defining the features.

Attribute:

Attribute_Label: LENGTH

Attribute_Definition: Length of feature

Attribute_Definition_Source: ESRI

Attribute:

Attribute_Label: ID

Attribute:

Attribute_Label: RTE_NO

Attribute_Definition: Route number

Attribute_Definition_Source: Route ID Meeting

Attribute:

Attribute_Label: RT_LENGTH

Attribute_Definition: Collected route length

Attribute_Definition_Source: ARAN Data Collection

Attribute:

Attribute_Label: PCR_RATEAV

Attribute_Definition:

Numeric PCR definition. Average PCR value based on programatic averaging of adjacent segments.

Attribute_Domain_Values:

Range_Domain:

Range_Domain_Minimum: 0

Range_Domain_Maximum: 100

Attribute:

Attribute_Label: PCRAV

Attribute_Definition: Verbal PCR definition based on value in PCRAV field

Attribute_Domain_Values:

*Enumerated_Domain:**Enumerated_Domain_Value:* POOR*Enumerated_Domain_Value_Definition:* PCR value <= 60*Enumerated_Domain:**Enumerated_Domain_Value:* FAIR*Enumerated_Domain_Value_Definition:* PCR value 61-84*Enumerated_Domain:**Enumerated_Domain_Value:* GOOD*Enumerated_Domain_Value_Definition:* PCR value 85-94*Enumerated_Domain:**Enumerated_Domain_Value:* EXCELLENT*Enumerated_Domain_Value_Definition:* PCR value 95-100*Attribute:**Attribute_Label:* TSR_EDIT*Attribute_Definition:* Indicates whether feature has been edited for graphic purposes.*Attribute_Domain_Values:**Enumerated_Domain:**Enumerated_Domain_Value:* 1*Enumerated_Domain_Value_Definition:* Edit has been made to feature for graphic purposes*Enumerated_Domain:**Enumerated_Domain_Value:* 0*Enumerated_Domain_Value_Definition:* No edit made to feature.*Distribution_Information:**Resource_Description:* Downloadable Data*Standard_Order_Process:**Digital_Form:**Digital_Transfer_Information:**Transfer_Size:* 0.016*Metadata_Reference_Information:**Metadata_Date:* 20050407*Metadata_Contact:**Contact_Information:**Contact_Organization_Primary:**Contact_Organization:* EFLHD Sterling*Contact_Person:* Dan VanGilder*Contact_Position:* GIS Coordinator*Contact_Address:**Address_Type:* mailing and physical address*City:* Sterling*State_or_Province:* Virginia*Postal_Code:* 20166*Country:* United States*Contact_Voice_Telephone:* 703-404-6361*Contact_Electronic_Mail_Address:* dvangilder@fhwa.dot.gov

Metadata_Standard_Name: FGDC Content Standards for Digital Geospatial Metadata

Metadata_Standard_Version: FGDC-STD-001-1998

Metadata_Time_Convention: local time

Metadata_Extensions:

Online_Linkage: <<http://www.esri.com/metadata/esriprof80.html>>

Profile_Name: ESRI Metadata Profile

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