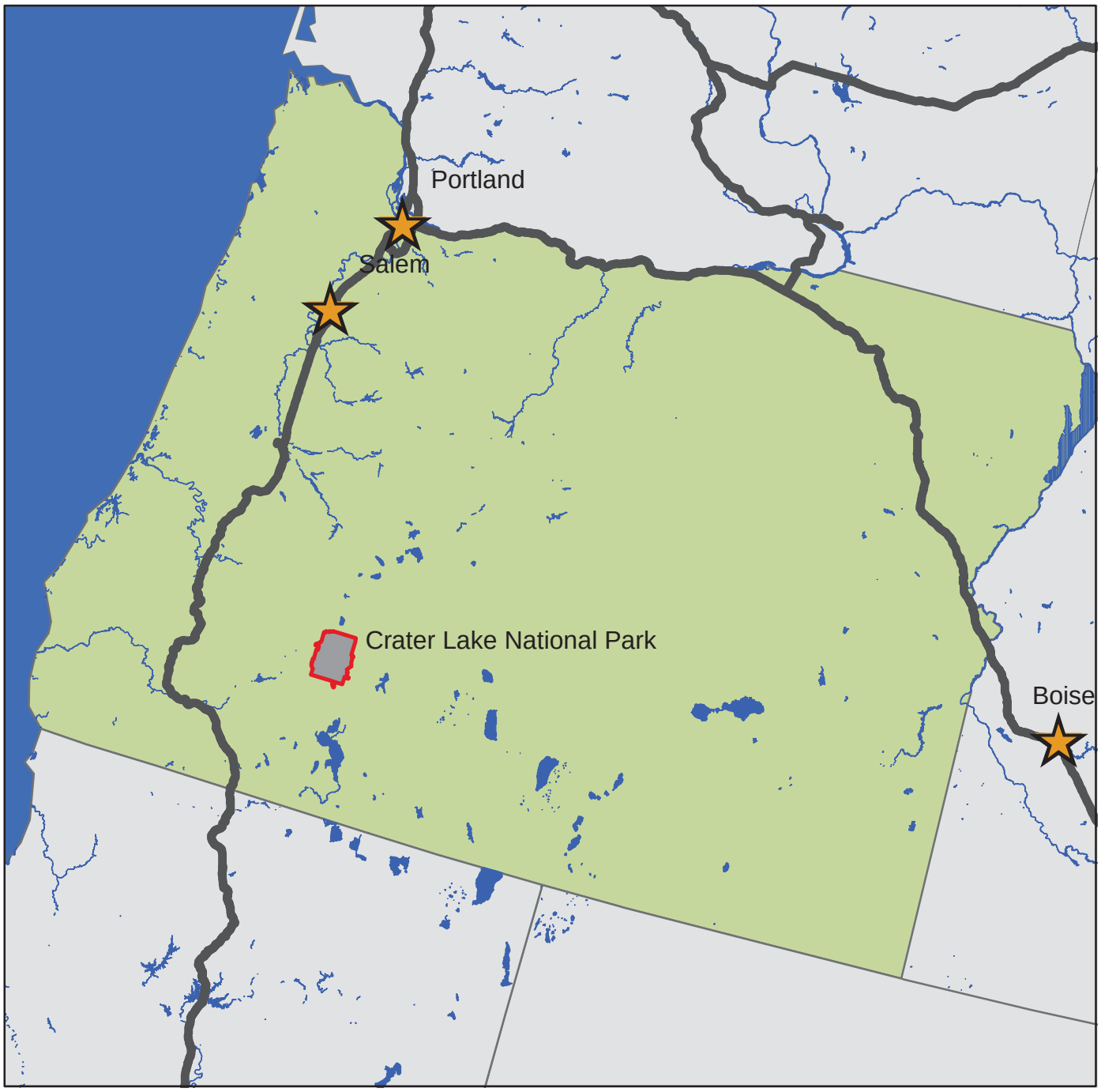
The Road Inventory
of
Crater Lake National Park
CRLA - 9320

national park service

Road Inventory Program

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

Crater Lake National Park
in
Oregon



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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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Cra er ake Na onal Park u ar e

O erall Park leage u ary

P R TOT U R IT	TOT	D T
Paved ARAN Driven Route Miles	71.15	8/23/2003
Unpaved Estimated Route Miles	6.89	8/23/2003
Paved ARAN and Unpaved Route Miles	78.04	
Paved ARAN Driven Lane Miles	142.18	8/23/2003
Paved MRR Lane Miles	9.08	8/23/2003
Parking Lot Lane Miles	16.40	8/23/2003
Total Paved Lane Miles	167.66	

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)

Crater Lake 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	16.40	$492,000
Good	15.31	$1,684,100
Fair	25.58	$14,324,800
Poor	13.86	$21,344,400
Totals	**71.15**	**$37,845,300**

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).

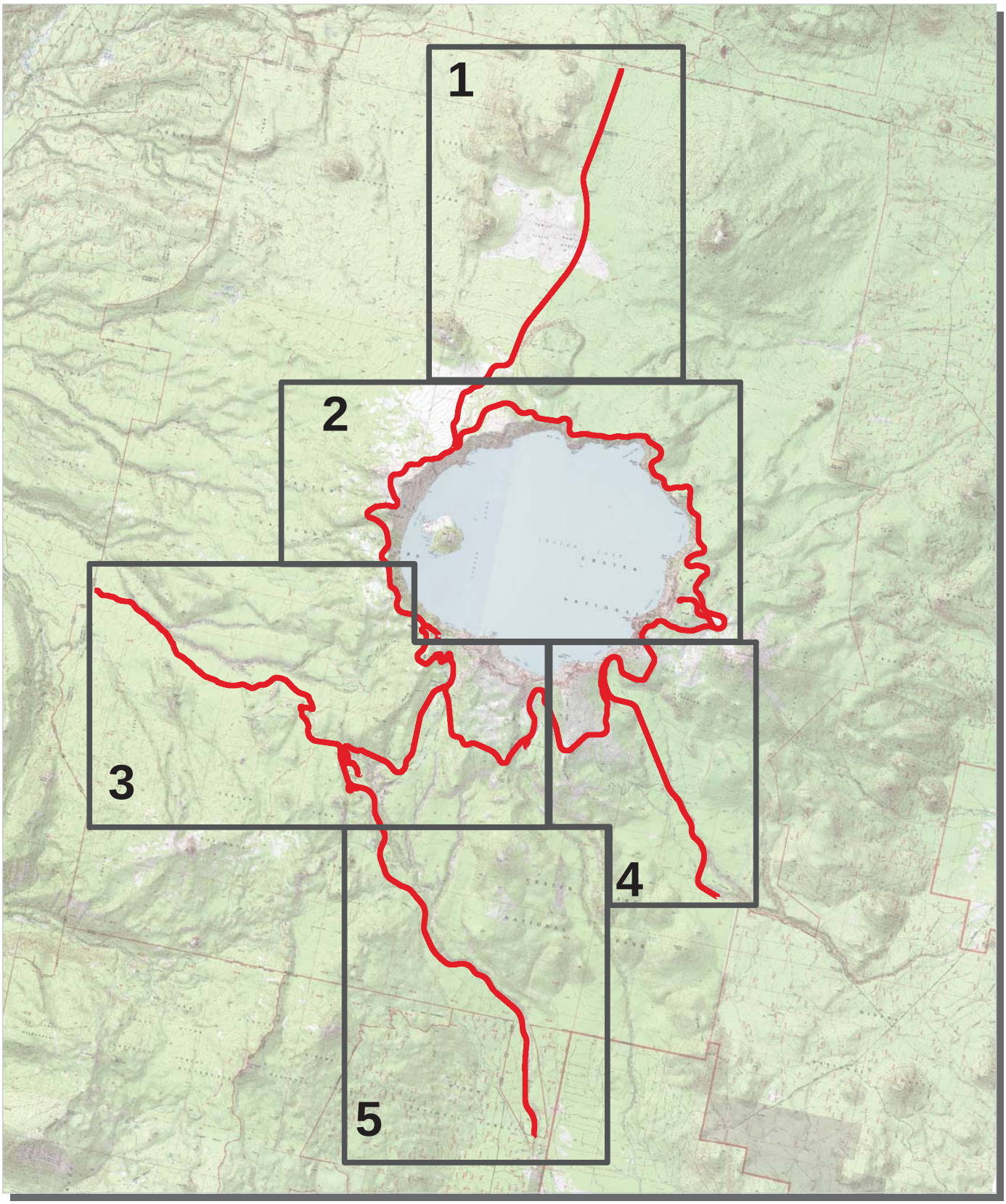
These numbers are for preliminary planning purposes only and should not be used for project level proposals. For park planning level analysis, apply your park multiplier for more accurate regional costs.

Cra er ake Na onal Park u ar e

Pa ed Rou e le and Percen age y unc onal Cla and PCR or R N Dr en Pa ed Road

C	Pa e en Cond on Ra ng								TOT
	Poor		a r		ood		cellen		
	l		l		l		l		l
1	10.30	14.48%	21.60	30.36%	14.47	20.34%	16.26	22.85%	62.63
2	2.90	4.08%	3.49	4.91%	0.60	0.84%	0.08	0.11%	7.07
3	0.52	0.73%	0.21	0.30%	0.12	0.17%	0.06	0.08%	0.91
4									
5	0.10	0.14%	0.02	0.03%					0.12
6	0.04	0.06%	0.26	0.37%	0.12	0.17%			0.42
7									
8									
To al	3			3	3			3	

Crater Lake National Park
Route Location
Key Map

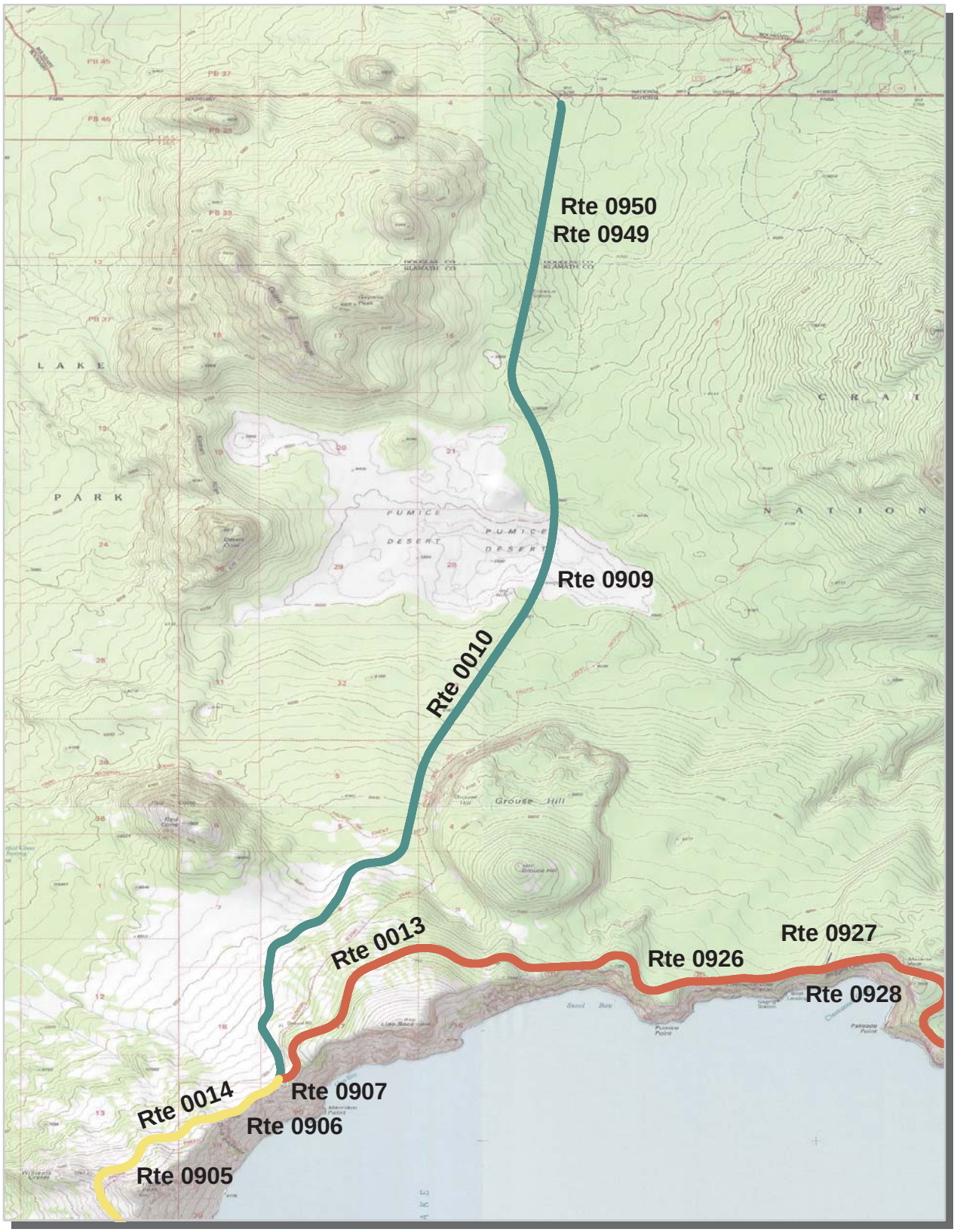


Park Owned Routes

4 2 0 4 Miles

N

Crater Lake National Park
Route Location Map
Area Map 1

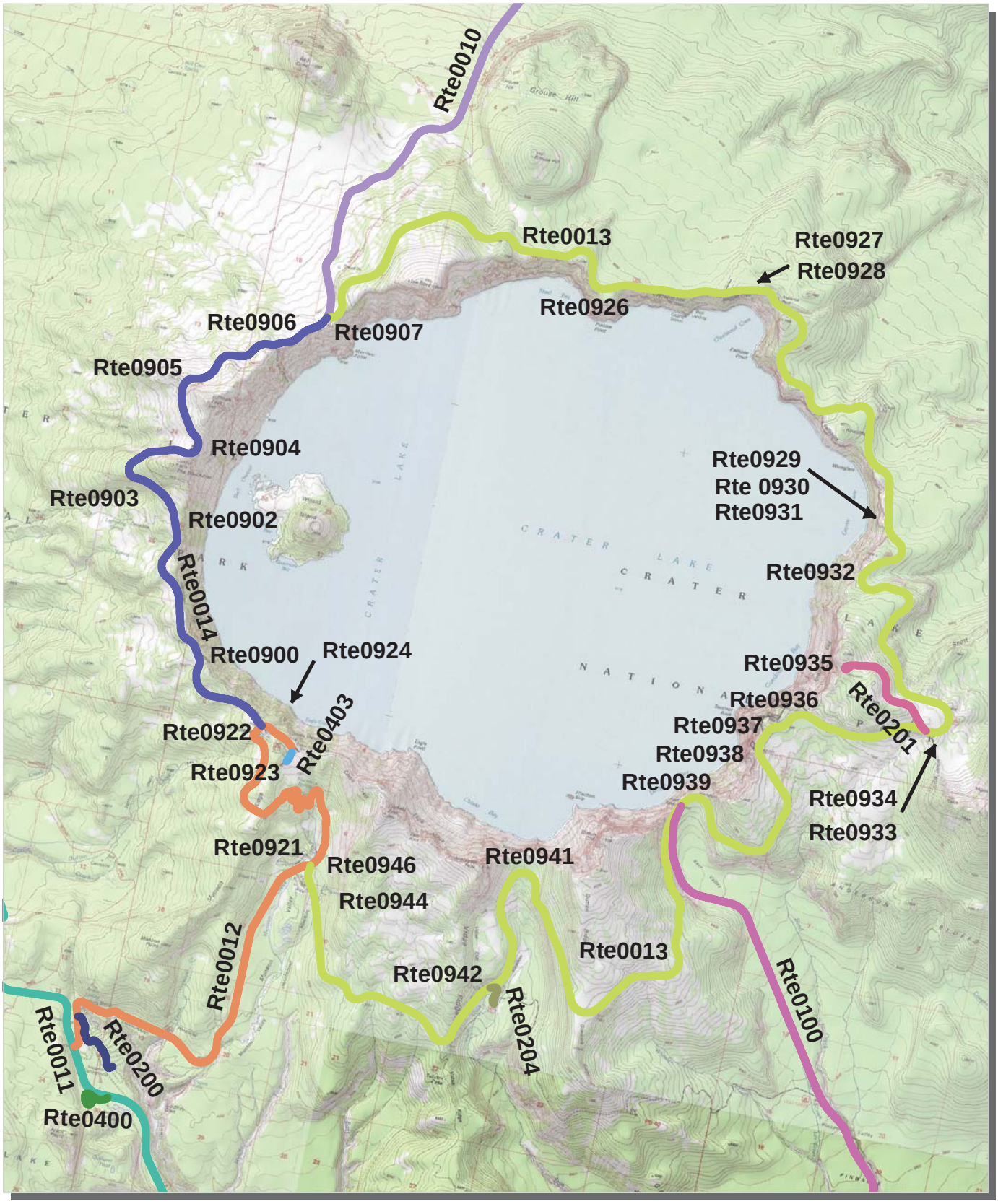


Unique colors used to differentiate routes

2 1 0 2 Miles

N

Crater Lake National Park
Route Location Map
Area Map 2

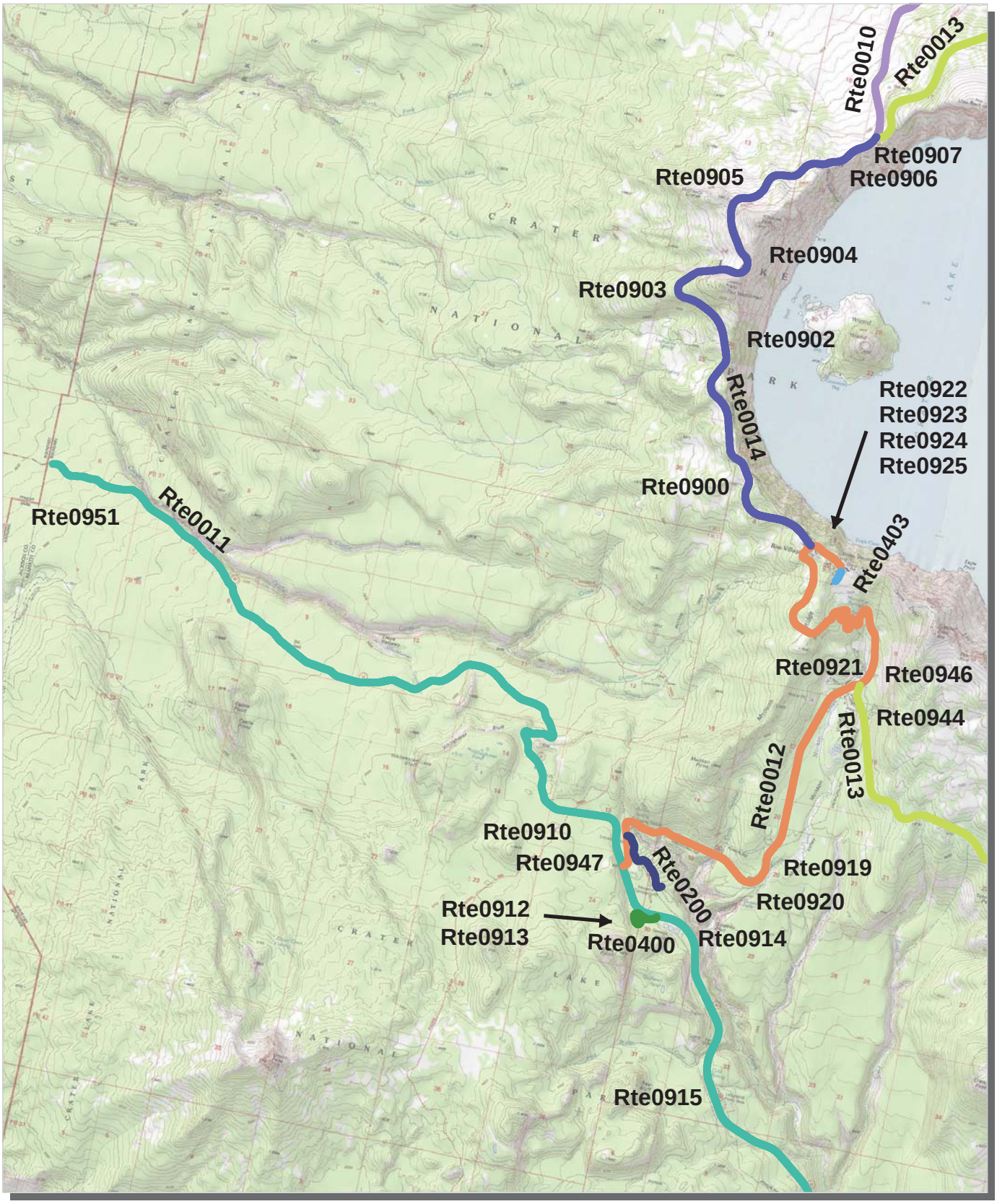


Unique colors used to differentiate routes

1 0 1 2 Miles

N

Crater Lake National Park
Route Location Map
Area Map 3

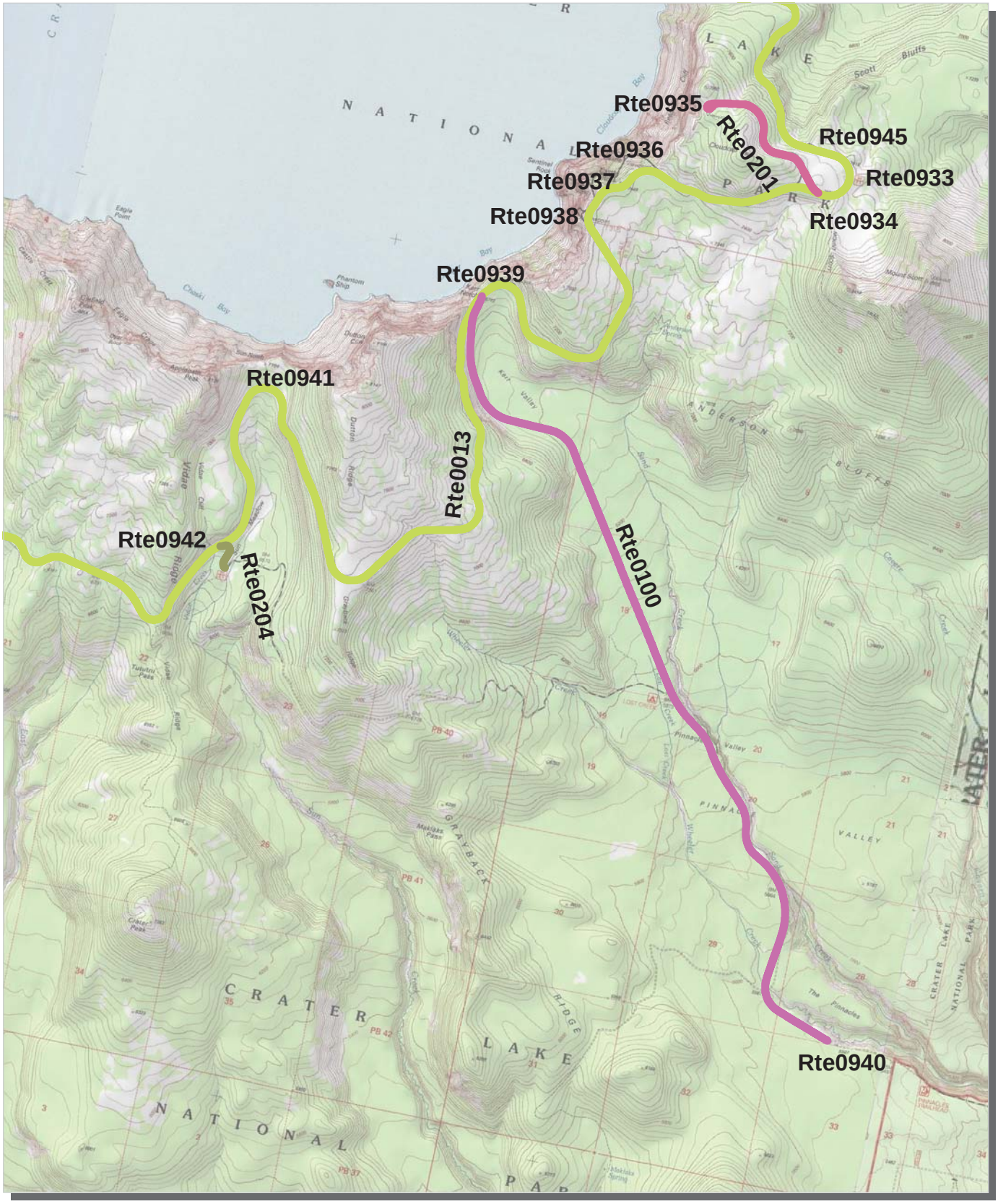


Unique colors used to differentiate routes

1 0.5 0 1 Miles

N

Crater Lake National Park
Route Location Map
Area Map 4

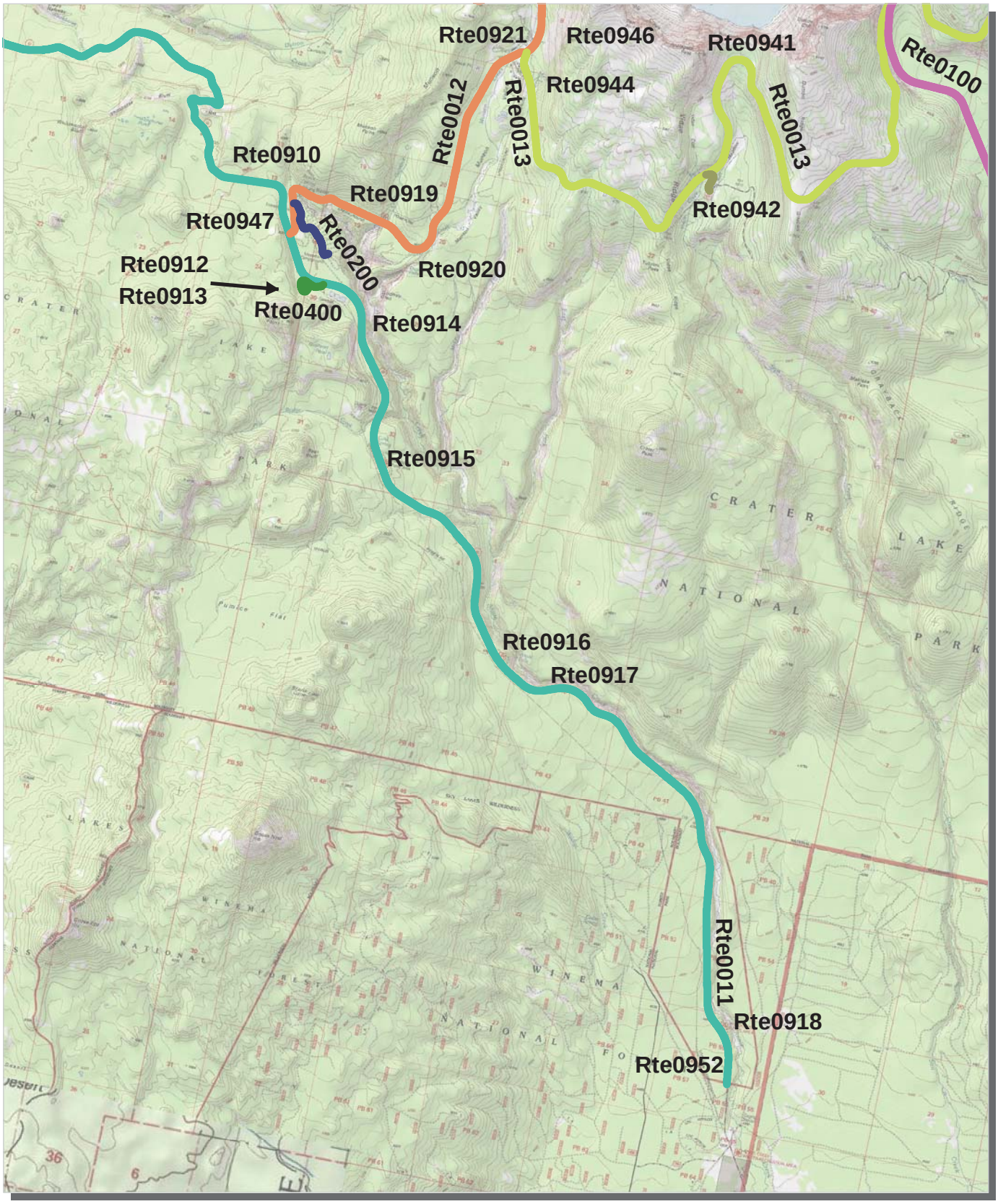


Unique colors used to differentiate routes

1 0.5 0 1 Miles

N

Crater Lake National Park
Route Location Map
Area Map 5

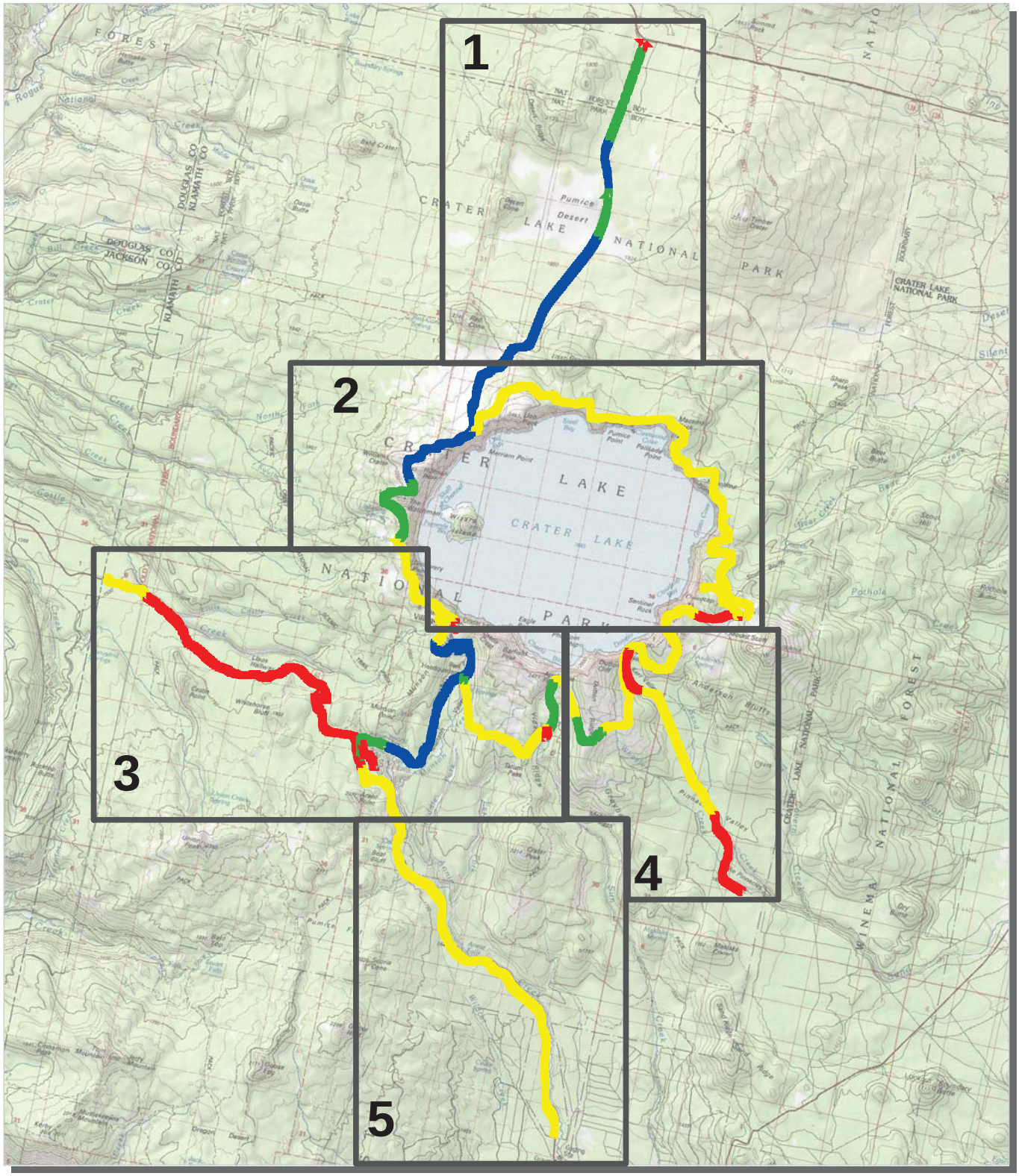


Unique colors used to differentiate routes

1 0.5 0 1 Miles

N

Crater Lake National Park
Route Condition Key Map
PCR - Mile by Mile



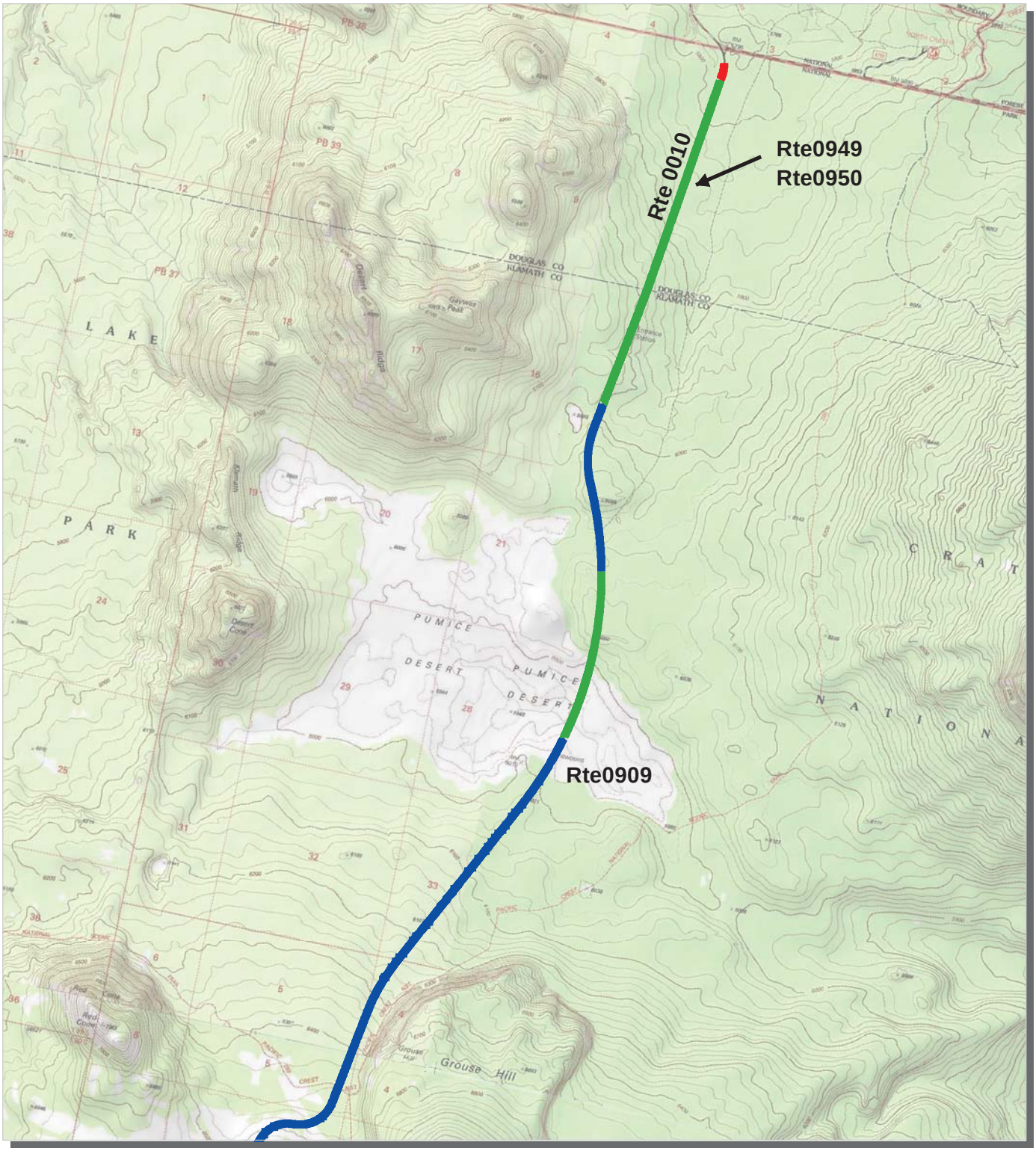
PCR | Poor (<=60) | Fair (61 - 84) | Good (85 - 94) | Excellent (95 - 100)

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

2 0 2 4 Miles

N

Crater Lake National Park
Route Condition Area Map 1
PCR - Mile by Mile



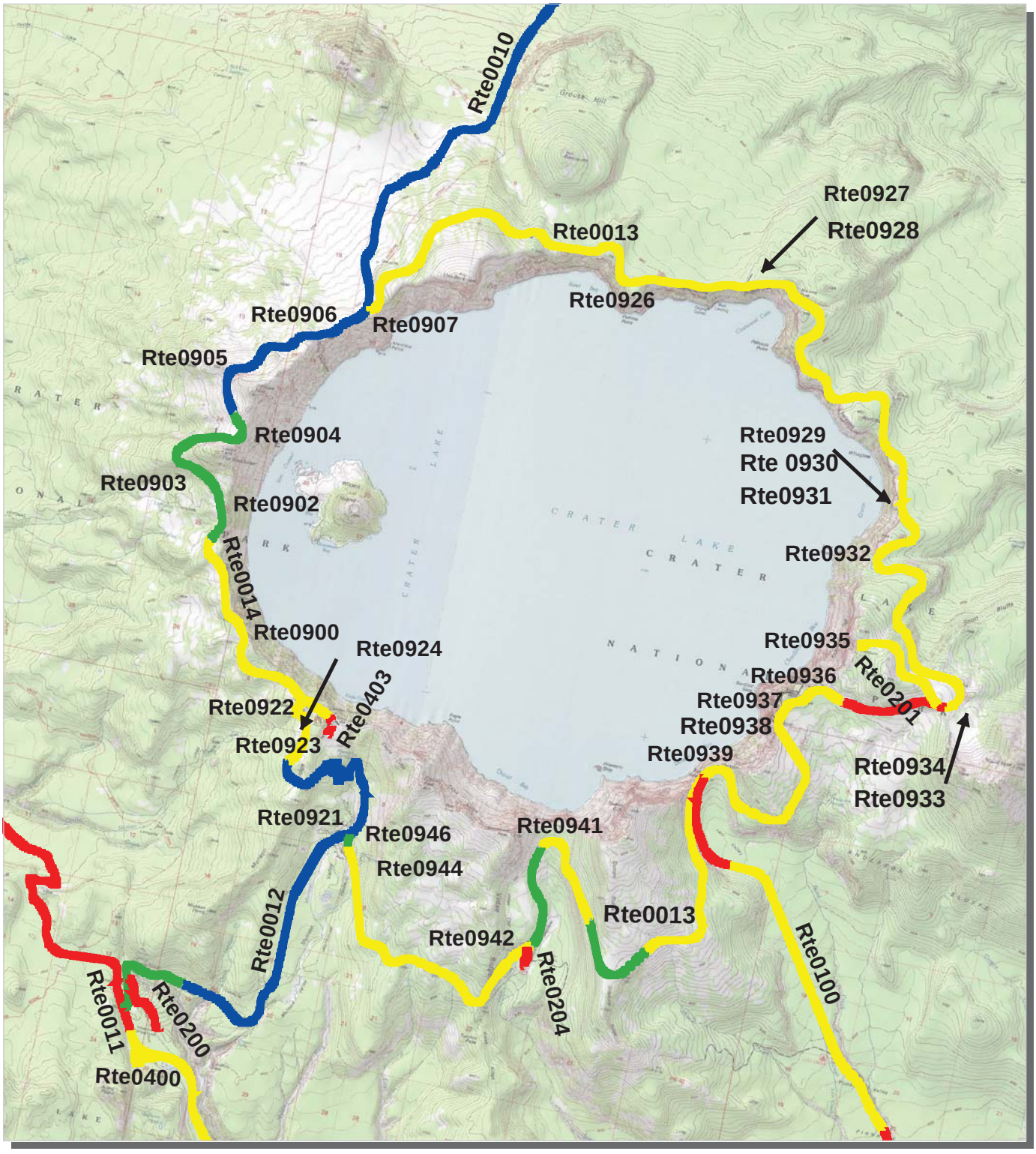
PCR	Poor	Fair	Good	Excellent
	(<=60)	(61 - 84)	(85 - 94)	(95 - 100)

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

1 0.5 0 1 Miles

N

Crater Lake National Park
Route Condition Area Map 2
PCR - Mile by Mile



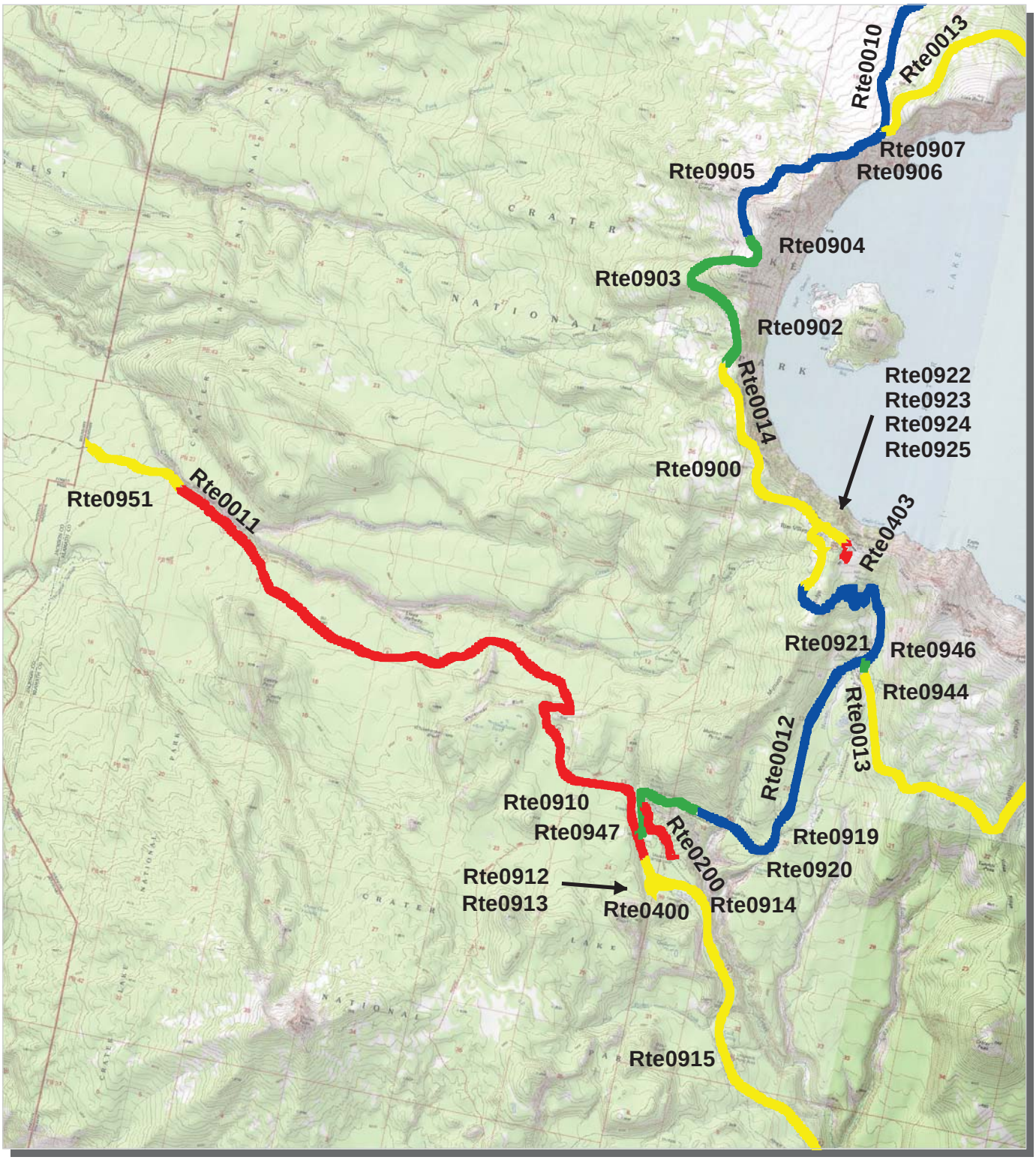
PCR	Poor	Fair	Good	Excellent
	(<=60)	(61 - 84)	(85 - 94)	(95 - 100)

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

1 0 1 2 Miles

N

Crater Lake National Park
Route Condition Area Map 3
PCR - Mile by Mile



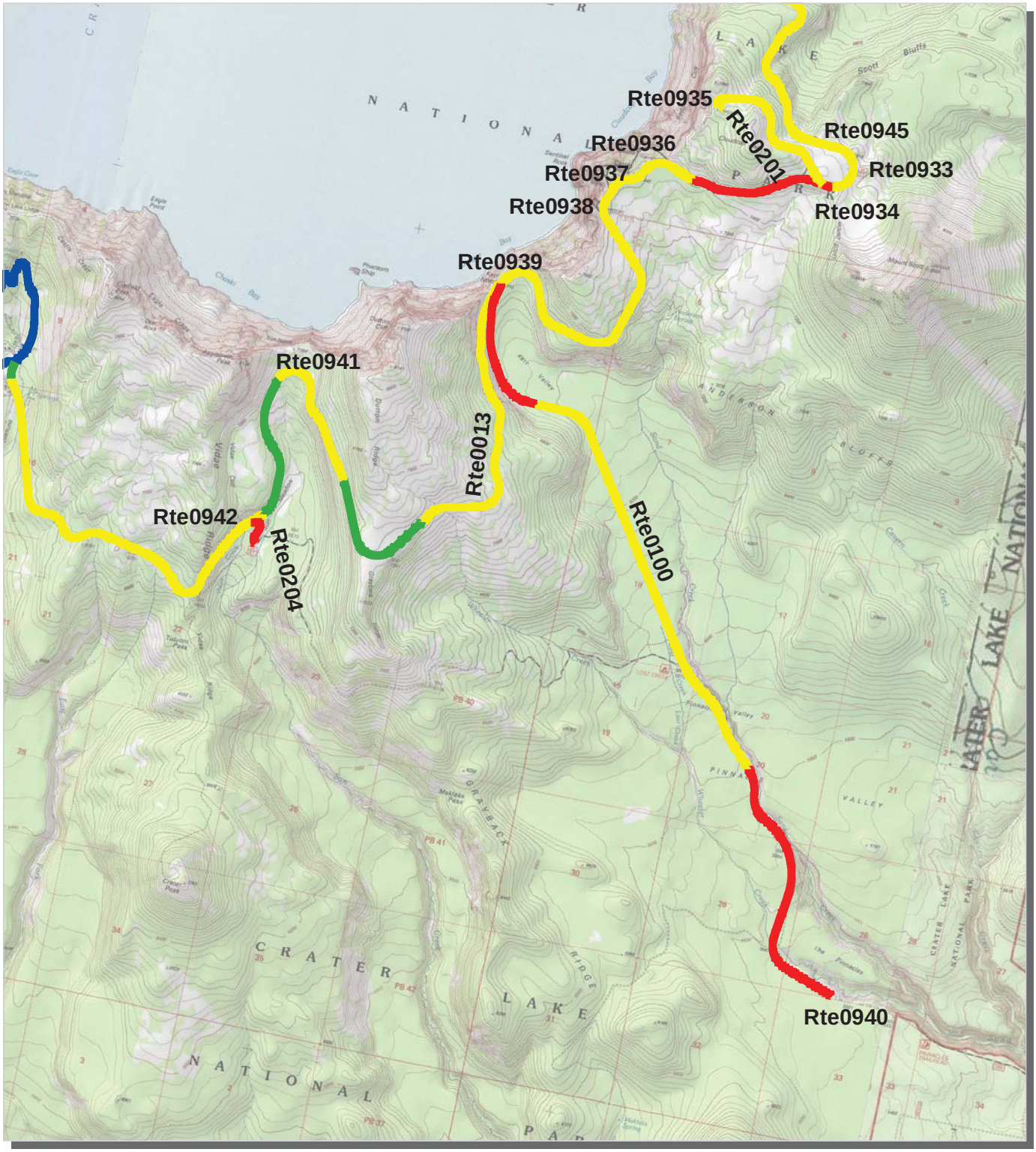
PCR	Poor	Fair	Good	Excellent
	(<=60)	(61 - 84)	(85 - 94)	(95 - 100)

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

1 0.5 0 1 Miles

N

Crater Lake National Park
Route Condition Area Map 4
PCR - Mile by Mile



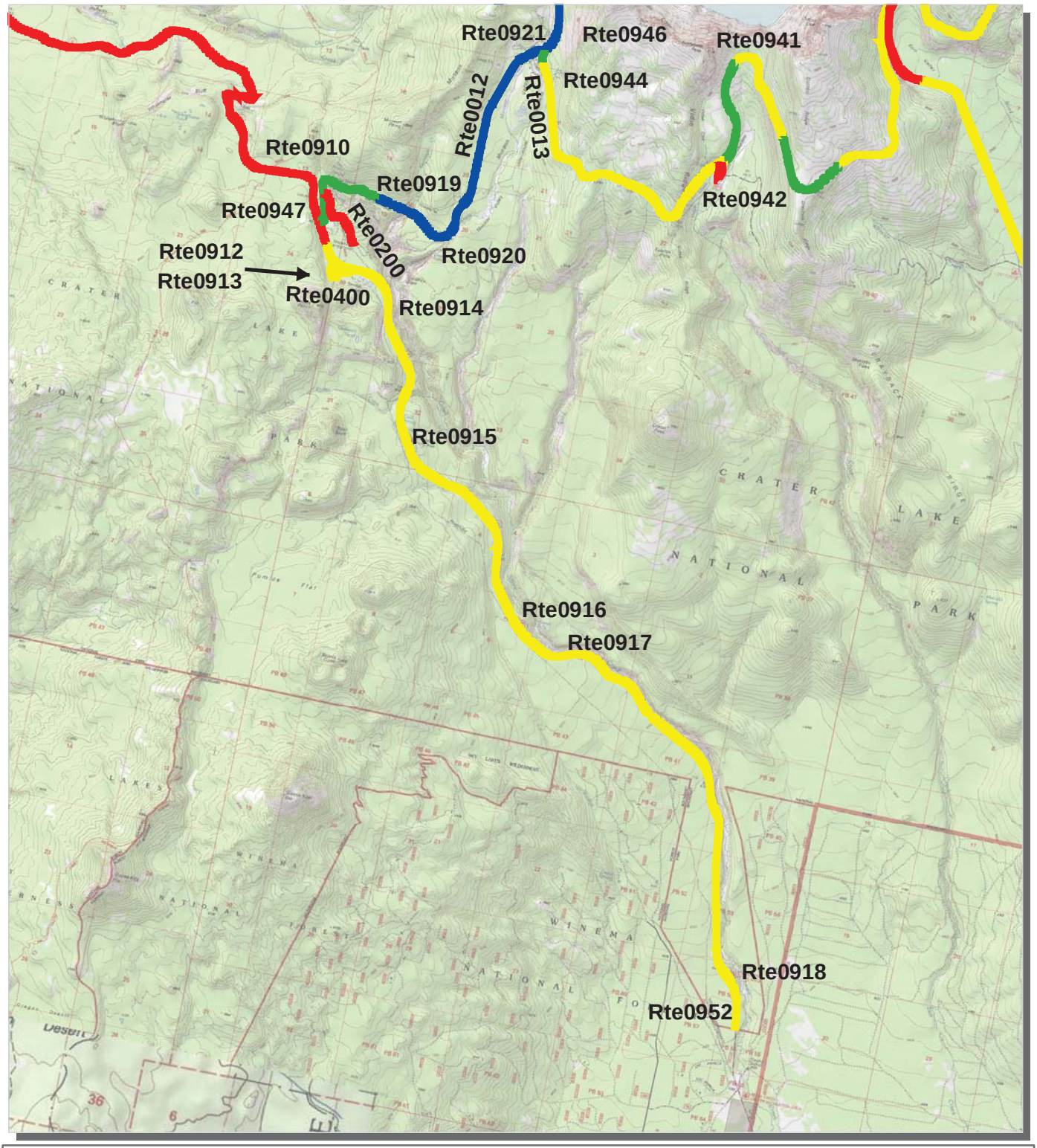
PCR	Poor	Fair	Good	Excellent
	(<=60)	(61 - 84)	(85 - 94)	(95 - 100)

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

1 0.5 0 1 Miles

N

Crater Lake National Park
Route Condition Area Map 5
PCR - Mile by Mile



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.

1 0.5 0 1 Miles

N

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

CRLA

Crater Lake National Park

Rte. #	FMSS Asset #	Route Name	Route Description From	Route Description To	Paved Miles	Un-Paved Miles	Rte. Lgth	Func. Class	Rte. Lanes	Manual Rated SQ/FT	Surf. Type
0010	74784	North Entrance Road	From the Intersection of Routes 0014 and 0013	To North Park Boundary	9.12	0.00	9.12	1	2	0	AS
0011	74786	Crater Lake Highway	From West Park Boundary	To South Park Boundary	17.41	0.00	17.41	1	2	0	AS
0012	74787	Munson Valley Road	From Route 0011 at MP 7.78 on Left	To Route 0924	7.06	0.00	7.06	1	2	0	AS
0013	74788	East Rim Drive	From the Intersection of Routes 0010 and 0014	To Route 0012 at MP 3. 88	23.13	0.00	23.13	1	2	0	AS
0014	74789	West Rim Drive	From Route 0012 at MP 6.7	To Intersection of Routes 0010 and 0013	5.91	0.00	5.91	1	2	0	AS
0100	74790	Pinnacles Road	From Route 0013 at MP 14.87 on Left	To Route 0940	5.90	0.00	5.90	2	2	0	AS
0200	75124	Mazama Campground Access Road	From Route 0012 at MP 0.3 on Right	To Route 0203F and Route 0203G	0.68	0.00	0.68	3	2	0	AS
0201	75125	Cloudcap Viewpoint Road	From Route 0013 at MP 11.06 on Right	End of Loop	1.17	0.00	1.17	2	2	0	AS
0202	75126	Mazuma Motor Lodge	From Route 0200	To End of Loops	0.47	0.00	0.47	3	2	54,871	AS
0203A		Mazama Campground Loop A	From Route 0200	To End of Loop	0.17	0.00	0.17	3	1	15,583	AS
0203B		Mazama Campground Loop B	From Route 0200 at MP 0.34 on Left	To Route 0200	0.18	0.00	0.18	3	1	17,251	AS
0203C		Mazama Campground Loop C	From Route 0200 at MP 0.37 on Left	To Route 0200	0.26	0.00	0.26	3	1	24,140	AS
0203D		Mazama Campground Loop D	From Route 0200 at MP 0.44 on Left	To Route 0200	0.36	0.00	0.36	3	1	34,011	AS
0203E		Mazama Campground Loop E	From Route 0200 at MP 0.50	To Route 0200	0.41	0.00	0.41	3	1	23,687	AS
0203F		Mazama Campground Loop F	From Route 0200 at MP 0.63	To Route 0200	0.34	0.00	0.34	3	1	20,320	AS
0203G		Mazama Campground Loop G	From Route 0200 at MP 0.63 on Right	To Route 0203F	0.38	0.00	0.38	3	1	21,424	AS
0204	75128	Vidae Falls Picnic Area	From Route 0013 at MP 20.1 on Left	To Picnic Area	0.23	0.00	0.23	3	2	0	AS
0205	75130	Lost Creek Campground	From Route 0100 at MP 2.7 on Right	To Campground	0.00	0.02	0.02	3	2	0	GR
0206	75132	Grayback Drive	From Route 0100 at MP 3.1 on Right	To Route 0204	0.00	4.77	4.77	4	2	0	GR
0207		Picnic Hill	From Route 0012 at MP 7.01 on Right	Through Picnic Area	0.52	0.00	0.52	3	1,2	55,384	AS
0400	75137	Mazama Dormitories	From Route 0011 at MP 8.36 on Right	To End of Loop	0.42	0.00	0.42	6	2	0	AS
0401	75139	Headquarters Residence Area	On Route 0012 MP 3.72 on Right	Through Resedence Area	0.70	0.00	0.70	6	2	81,770	AS
0402	75141	Headquarters Maintenance and Parking Area	On Route 0012 MP 3.72 on Left	Through Headquarters and Maintenance Area to Route 0921	1.14	0.00	1.14	5	2	132,553	AS
0403	75143	Crater Lake Lodge Residence Road	From Route 0924	To Route 0925	0.12	0.00	0.12	5	1	0	AS
0404	75144	Headquarters Residence Road	From Route 0921	Through residence area	0.79	0.00	0.79	5	1	46,202	AS
0405	76824	South Maintenance Yard Access Road	From Route 0011 at MP 17.4 on Right	To Route 0952	0.16	0.00	0.16	5	2	0	AS
0406	76823	Pull Creek Access Road	From Route 0011 at MP 9.84 on Right	To End	0.00	0.40	0.40	5	2	0	GR
0700	76822	Lost Creek Water Treatment Access Rd.	From	To	0.00	0.40	0.40	ZZ	1	0	GR

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 =	

CRLA

Crater Lake National Park

Rte. #	FMSS Asset #	Route Name	Route Description From	Route Description To	Paved Miles	Un-Paved Miles	Rte. Lgth	Func. Class	Rte. Lanes	Manual Rated SQ/FT	Surf. Type
0702	76828	Anderson Pit Access Road	From	To	0.00	0.50	0.50	ZZ	1	0	GR
0703	76830	Mazama Lagoon Access	From	To	0.00	0.20	0.20	ZZ	1	0	GR
0704	76831	Munson Lagoon Access	From	To	0.00	0.60	0.60	ZZ	1	0	GR
0900	75343	Discovery Point	Adjacent to Route 0014 at MP 1.1 on Right		0.00	0.00	0.00	9		32,527	AS
0901	75351	Lighting Springs Trailhead Parking	Adjacent to Route 0014 at MP 2.2 on Left		0.00	0.00	0.00	9		0	GR
0902	75353	Discovery Point Picnic Area	Adjacent to Route 0014 at MP 2.38 on Right		0.00	0.00	0.00	9		5,179	AS
0903	75354	Union Peak Overlook	Adjacent to Route 0014 at MP 3.0 on Left		0.00	0.00	0.00	9		5,307	AS
0904	75355	The Corrals	From Route 0014 at MP 3.74 on Right	To Route 0014 at MP 3.81	0.00	0.00	0.00	9		13,572	AS
0905	75359	Diamond Lake Overlook	Adjacent to Route 0014 at MP 4.44 on Left		0.00	0.00	0.00	9		12,552	AS
0906	75361	Glacial Valleys	Adjacent to Route 0014 at MP 5.7 on Right		0.00	0.00	0.00	9		20,582	AS
0907	75363	North Junction Parking	From Route 0014 at MP 5.83 on Right	To Route 0013	0.00	0.00	0.00	9		23,934	AS
0908	75365	Pacific Crest Trail Parking	Adjacent to Route 0010 at MP 2.51 on Left		0.00	0.00	0.00	9		0	GR
0909	75367	Pumice Desert	From Route 0010 at MP 4.86 on Left	To Route 0010 at MP 4.91	0.00	0.00	0.00	9		11,966	AS
0910	75369	Pacific Crest Trail Pullout	Adjacent to Route 0011 at MP 6.9 on Left		0.00	0.00	0.00	9		2,339	AS
0911	75371	Pacific Crest Trail Parking	Adjacent to Route 0011 at MP 6.93 on Right		0.00	0.00	0.00	9		0	GR
0912	78343	Dormitories Parking	Adjacent to Route 0400 at MP 0.15 on Left		0.00	0.00	0.00	9		11,042	AS
0913	78347	Dormitories Parking	From Route 0400 at MP 0.37 on Right	To Route 0400 at MP 0.39	0.00	0.00	0.00	9		40,373	AS
0914	75373	Fossil Fumaroles	Adjacent to Route 0011 at MP 8.8 on Left		0.00	0.00	0.00	9		15,680	AS
0915	75376	Lodge Pole Picnic Area	From Route 0011 at MP 10.18 on Left	To Route 0011 at MP 10.40	0.00	0.00	0.00	9		42,062	AS
0916	75378	Annie Falls Picnic Area	From Route 0011 at MP 12.4 on Left	To Route 0011 at MP 12.6	0.00	0.00	0.00	9		37,029	AS
0917	78383	Picnic Area	From Route 0011 at MP 13.22 on Left	To Route 0011 at MP 13.27	0.00	0.00	0.00	9		9,743	AS
0918	75380	Ponderosa Picnic Area	From Route 0011 at MP 16.8 on Left	To Route 0011 at MP 17	0.00	0.00	0.00	9		88,632	AS
0919	75383	Goodbye Picnic Area	Adjacent to Route 0012 at MP 1.3 on Left		0.00	0.00	0.00	9		9,182	AS
0920	75386	Godfrey Glen Trail Parking	From Route 0012 at MP 1.66 on Right	To Route 0012 at MP 1.76	0.00	0.00	0.00	9		22,207	AS
0921	75388	Headquarters Visitor Center Parking	Adjacent to Route 0012 at MP 3.97 on Left		0.00	0.00	0.00	9		34,845	AS
0922	75389	Cafeteria and Gift Shop Parking	Adjacent to Route 0012 at MP 6.8 on Right		0.00	0.00	0.00	9		94,998	AS
0923		Visitor Center and Sinnott Overlook Parking	Adjacent to Route 0012 at MP 6.9 on left and right		0.00	0.00	0.00	9		38,596	AS
0924	75391	Crater Lake Lodge Parking	At End of Route 0012		0.00	0.00	0.00	9		31,336	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
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Green = All Unpaved Parking Areas
Black = Paved State, Local or Private non-NPS Routes, ARAN Driven
Purple =

CRLA

Crater Lake National Park

Rte. #	FMSS Asset #	Route Name	Route Description From	Route Description To	Paved Miles	Un-Paved Miles	Rte. Lgth	Func. Class	Rte. Lanes	Manual Rated SQ/FT	Surf. Type
0925	75392	Crator Lake Lodge Residence Parking	At End of Route 0403		0.00	0.00	0.00	9		8,356	AS
0926	75493	Pumice Point Picnic Area	From Route 0013 at MP 3.61 on Left	To Route 0013 at MP 3.66	0.00	0.00	0.00	9		6,178	AS
0927	75496	Cleetwood Trail Parking	From Route 0013 at MP 4.5 on Left	To End of Loop	0.00	0.00	0.00	9		40,781	AS
0928	75497	The Cleetwood Flow Parking	Adjacent to Route 0013 at MP 4.7 on Right		0.00	0.00	0.00	9		4,210	AS
0929	75498	Lower Skell Overlook	From Route 0013 at MP 7.81 on Right	To Route 0013 at MP 7.83	0.00	0.00	0.00	9		14,228	AS
0930	75499	Overlook Parking	From Route 0013 at MP 7.92 on Right	To Route 0013 at MP 7.97	0.00	0.00	0.00	9		5,856	AS
0931	75500	Skell Head Picnic Area	Adjacent to Route 0013 at MP 8.42 on Right		0.00	0.00	0.00	9		3,481	AS
0932	75501	Skell Head Overlook	From Route 0013 at MP 8.58 on Right	To Route 0013 at MP 8.66	0.00	0.00	0.00	9		28,812	AS
0933	75502	Whitebark Picnic Area	Adjacent to Route 0013 at MP 10.80 on Left		0.00	0.00	0.00	9		5,858	AS
0934	75503	Mount Scott Trail Parking	Adjacent to Route 0013 at MP 10.92 on Left		0.00	0.00	0.00	9		10,357	AS
0935	75504	Cloudcap Overlook	Adjacent to Route 0201 at end loop		0.00	0.00	0.00	9		4,531	AS
0936	75506	Pumice Castle	Adjacent to Route 0013 at MP 12.34 on Right		0.00	0.00	0.00	9		15,842	AS
0937	75507	Castle Rock Overlook	From Route 0013 at MP 12.55 on Right	To Route 0013 at MP 12.62	0.00	0.00	0.00	9		11,572	NC
0938	75508	Sentinnel Point Overlook	From Route 0013 at MP 12.77 on Right	To Route 0013 at MP 12.83	0.00	0.00	0.00	9		9,517	NC
0939	75509	Phantom Ship Overlook	From Route 0013 at MP 14.7 on Right	To Route 0013 at MP 14.8	0.00	0.00	0.00	9		35,975	NC
0940	75510	The Pinnacles Overlook	At End of Route 0100		0.00	0.00	0.00	9		13,669	AS
0941	75511	Sun Notch Parking	Adjacent to Route 0013 at MP 18.8 on Right		0.00	0.00	0.00	9		11,125	AS
0942	75512	Vidae Falls Parking	Adjacent to Route 0013 at MP 20.15 on Right		0.00	0.00	0.00	9		3,096	AS
0943	75513	Crater Peak Trail Parking	Adjacent to Route 0013 at MP 20.7 on Left		0.00	0.00	0.00	9		0	GR
0944	75514	Castle Crest Parking	Adjacent to Route 0013 at MP 22.8 on Right		0.00	0.00	0.00	9		1,338	AS
0945	75515	Mount Scott Overlook	Adjacent to Route 0201 at MP 0.26 on Right		0.00	0.00	0.00	9		7,360	AS
0946	75516	Administration Parking	Adjacent to Route 0404		0.00	0.00	0.00	9		10,800	AS
0947		Mazama Store Parking Area	Adjacent to Route 0200		0.00	0.00	0.00	9		41,998	AS
0948		Equipment Parking	Adjacent to Route 0012 at MP 3.61 on Left		0.00	0.00	0.00	9		0	GR
0949		North Entrance Restroom Parking	Adjacent to Route 0010 at MP 8.28 on Left		0.00	0.00	0.00	9		4,723	AS
0950		North Entrance Turnaround	From Route 0010 at MP 8.25 on Right	To Route 0010 at MP 8.27	0.00	0.00	0.00	9		3,375	AS
0951		West Entrance Parking Area	Adjacent to Route 0011 at MP 0.96 on Right		0.00	0.00	0.00	9		5,069	AS
0952		South Maintenance Yard	At End of Route 0405		0.00	0.00	0.00	9		40,877	AS
				Totals:	77.03	6.89	**83.92**			1,479,864	

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 =	

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 Invetoried 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.

****

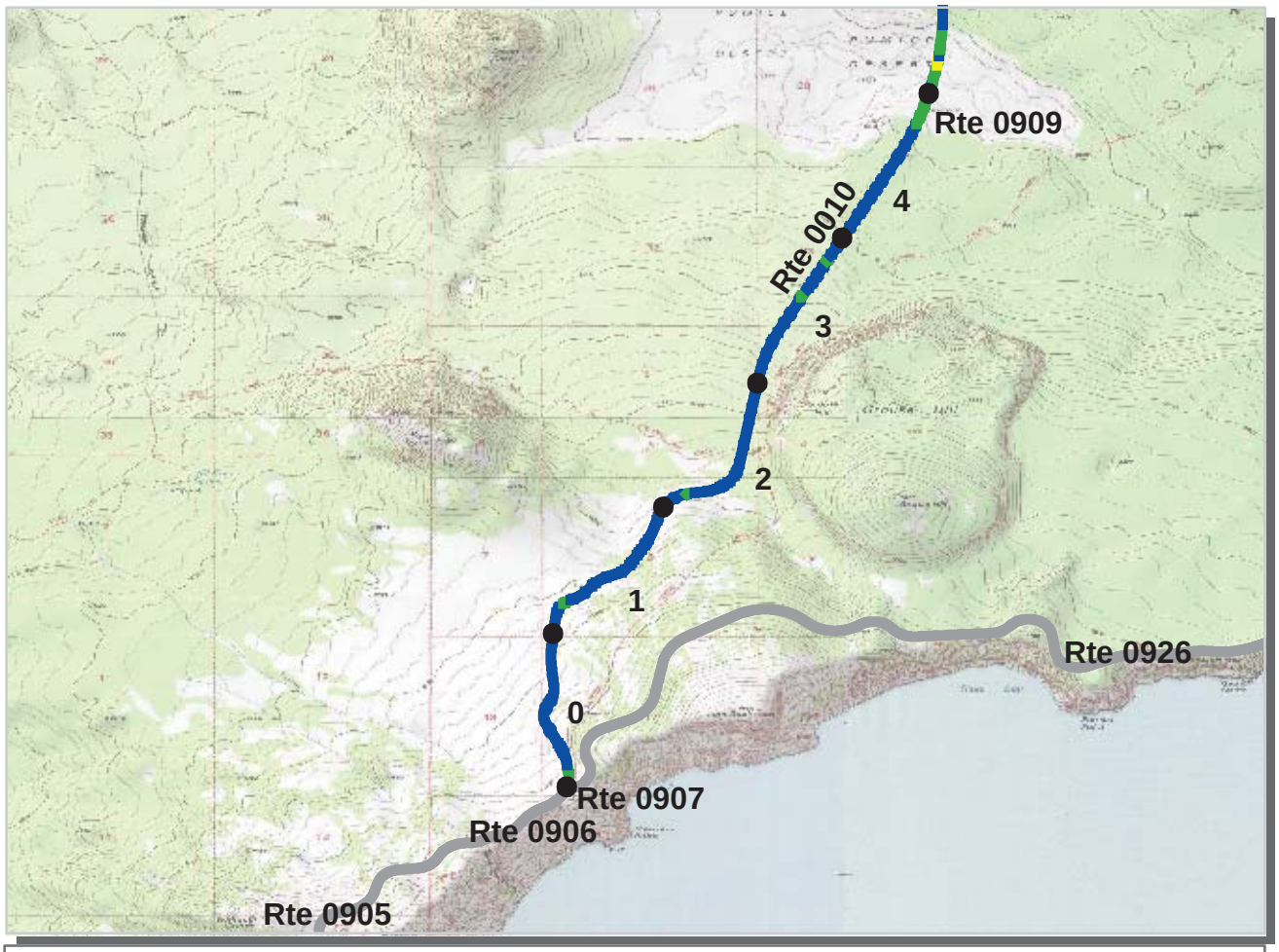
A park road system contains those roads within or giving access to a park or other unit of the NPS which are administered by the NPS, or by the Service in cooperation with other agencies. The assignment of a functional classification (FC) to a park road is not based on traffic volumes or design speed,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

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



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.

Pacific West Region

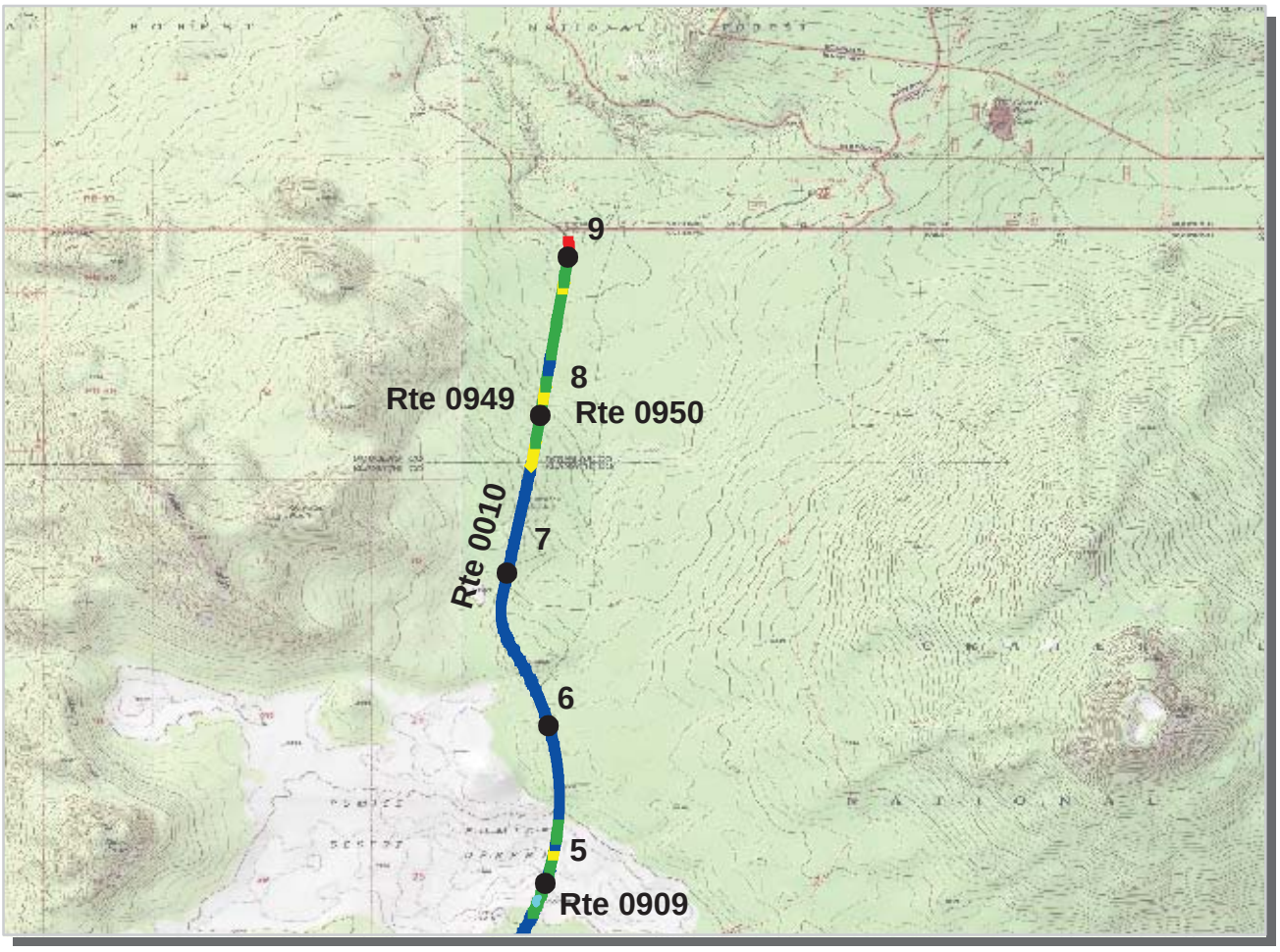
CRLA : Crater Lake National Park

ROUTE: 0010 North Entrance Road **TOTAL LENGTH: 9.12 Miles**

Section Number	0	1	2	3	4
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)	22	22	22	22	22
Lane Width (ft)	11	11	11	11	10
Shoulder Width (ft)	5	4	5	4	5
Roadway Condition Information					
PCR (Pavement Condition Rating)	97	98	97	96	96
RCI (Roughness Condition Index)	98	99	99	99	100
SCR (Surface Condition Rating)	96	98	96	94	94
Alligator Cracking Index	100	100	100	100	100
Rutting Index	96	98	96	94	94
Patching Index	99	100	100	99	100
Tranverse Cracking Index	99	100	100	99	100
Longitudinal Cracking Index	99	100	99	99	99
Shoulder Condition Rating	GOOD	GOOD	GOOD	GOOD	GOOD
Drainage Condition Rating	GOOD	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



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Pacific West Region
CRLA : Crater Lake National Park

ROUTE: 0010 North Entrance Road **TOTAL LENGTH: 9.12 Miles**

Section Number	5	6	7	8	9
Section Length (mi)	1.00	1.00	1.00	1.00	0.12
AADT	**				
SADT	**				
ADT Date	**				
Cross Section Information					
Number of Lanes	2	2	2	2	2
Paved Width (ft)	21	23	23	22	23
Lane Width (ft)	10	11	12	10	12
Shoulder Width (ft)	6	4	3	4	4
Roadway Condition Information					
PCR (Pavement Condition Rating)	93	98	93	87	47
RCI (Roughness Condition Index)	99	99	97	100	83
SCR (Surface Condition Rating)	89	97	90	79	24
Alligator Cracking Index	99	100	100	100	100
Rutting Index	90	97	91	79	84
Patching Index	100	100	99	99	100
Tranverse Cracking Index	99	100	100	99	34
Longitudinal Cracking Index	100	99	99	99	95
Shoulder Condition Rating	GOOD	GOOD	GOOD	GOOD	GOOD
Drainage Condition Rating	GOOD	GOOD	GOOD	GOOD	GOOD

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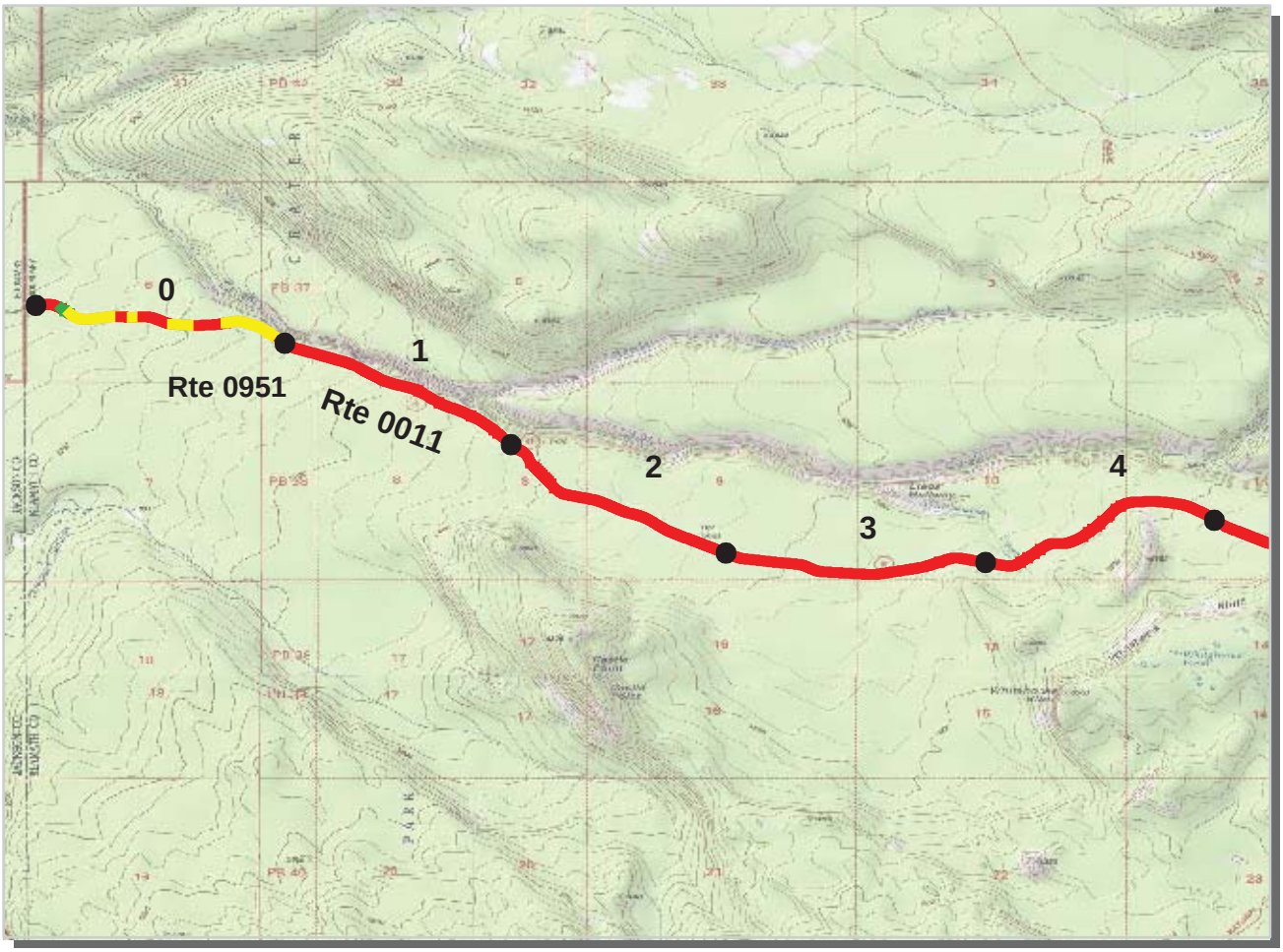

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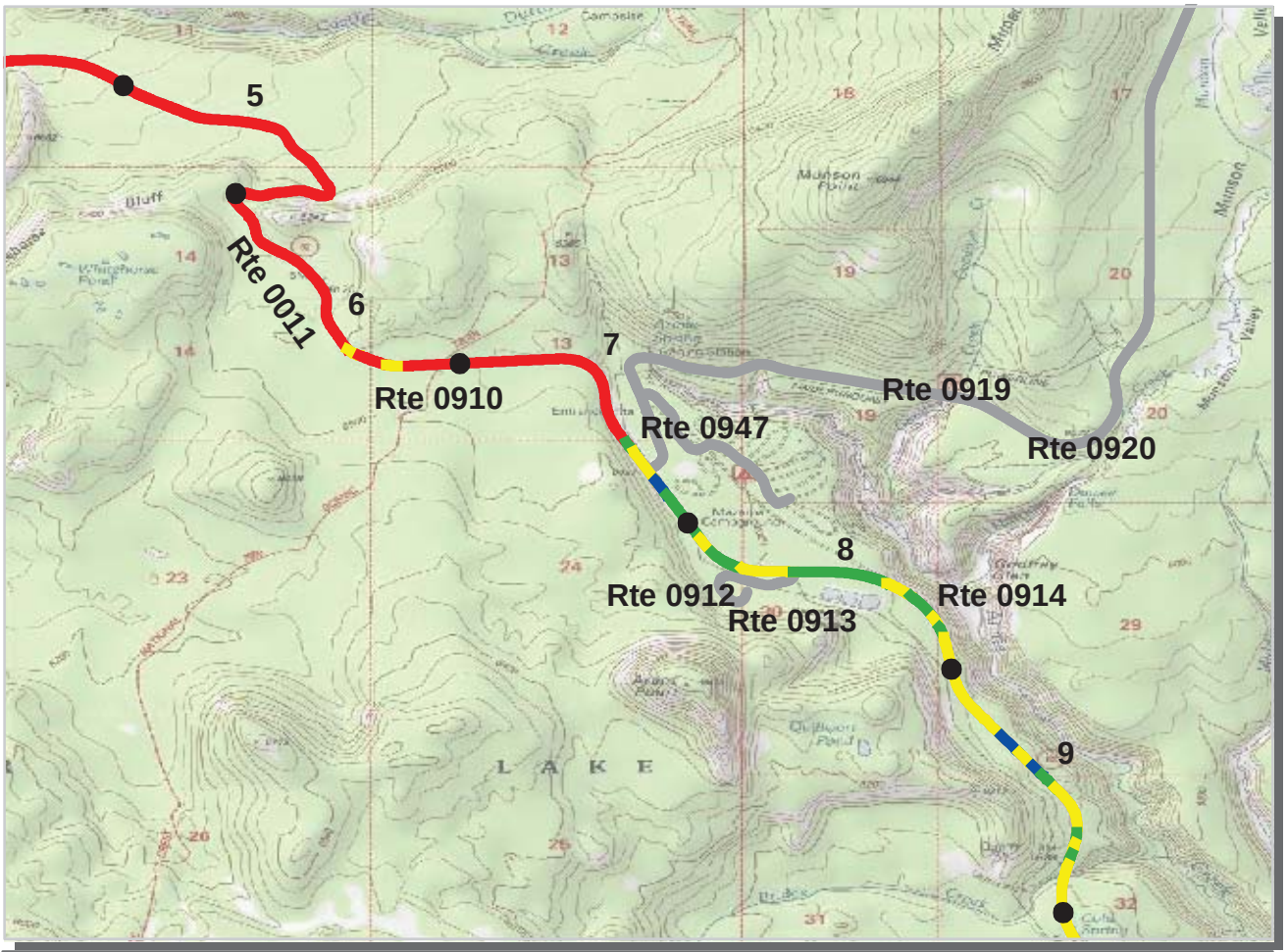
Pacific West Region
CRLA : Crater Lake National Park

ROUTE: 0011 Crater Lake Highway **TOTAL LENGTH: 17.41 Miles**

Section Number	0	1	2	3	4
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)	21	21	22	22	21
Lane Width (ft)	10	10	11	11	10
Shoulder Width (ft)	2	2	4	3	4
Roadway Condition Information					
PCR (Pavement Condition Rating)	65	27	23	25	23
RCI (Roughness Condition Index)	64	58	59	63	57
SCR (Surface Condition Rating)	66	6	0	0	0
Alligator Cracking Index	100	26	0	3	12
Rutting Index	66	49	49	48	53
Patching Index	99	94	99	99	99
Tranverse Cracking Index	99	99	99	96	96
Longitudinal Cracking Index	99	97	98	95	94
Shoulder Condition Rating	GOOD	GOOD	GOOD	GOOD	GOOD
Drainage Condition Rating	GOOD	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



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

Pacific West Region

CRLA : Crater Lake National Park

ROUTE: 0011 Crater Lake Highway **TOTAL LENGTH: 17.41 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)	22	21	22	22	23
Lane Width (ft)	11	11	11	11	12
Shoulder Width (ft)	3	0	4	3	3
Roadway Condition Information					
PCR (Pavement Condition Rating)	22	30	43	83	80
RCI (Roughness Condition Index)	54	55	65	87	89
SCR (Surface Condition Rating)	1	14	28	81	74
Alligator Cracking Index	16	40	38	100	100
Rutting Index	54	48	61	81	74
Patching Index	99	96	99	100	100
Tranverse Cracking Index	91	96	96	100	100
Longitudinal Cracking Index	92	96	97	100	99
Shoulder Condition Rating	GOOD	N/A	GOOD	GOOD	GOOD
Drainage Condition Rating	GOOD	GOOD	GOOD	GOOD	GOOD

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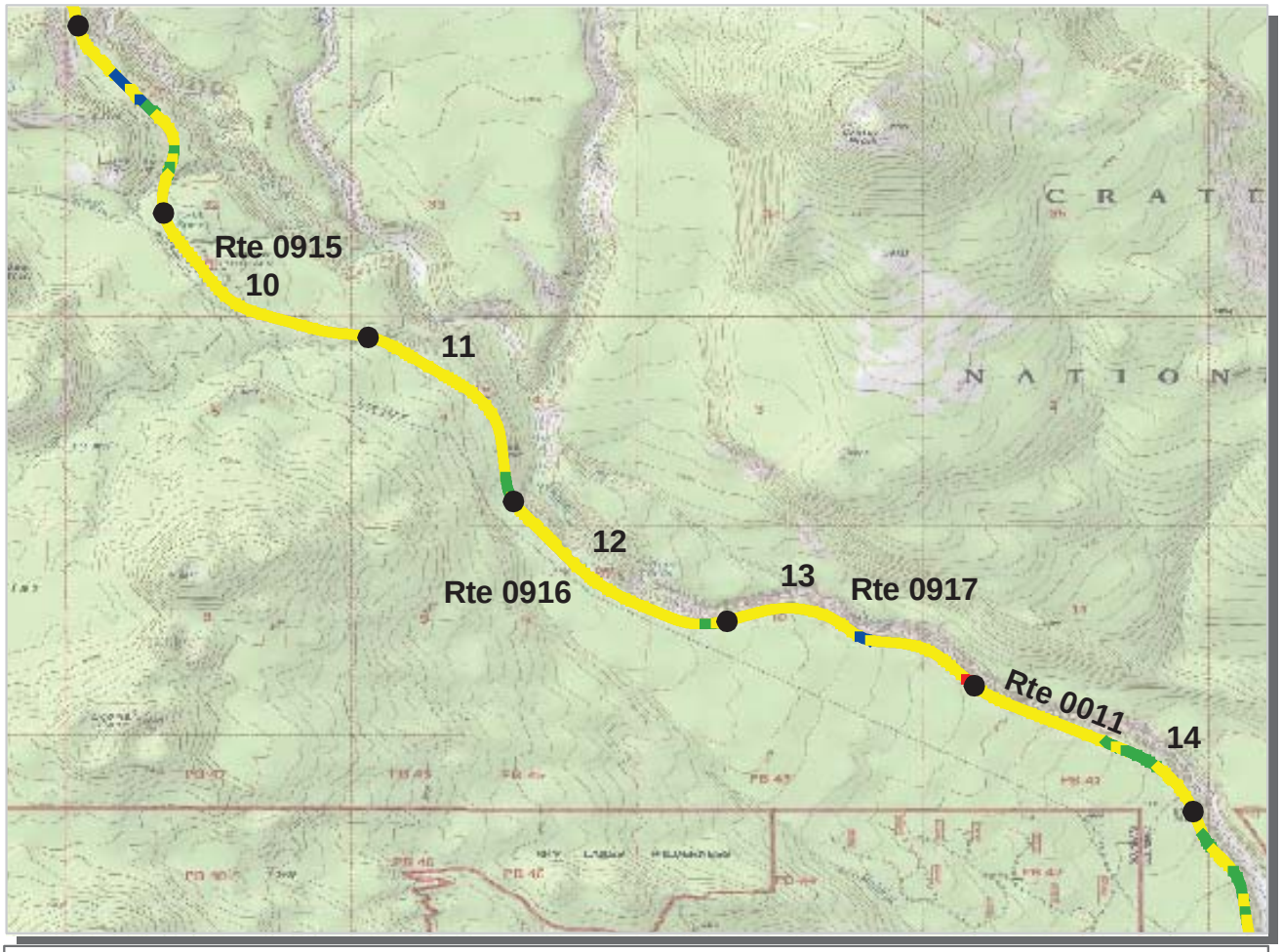

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Pacific West Region

CRLA : Crater Lake National Park

ROUTE: 0011 Crater Lake Highway **TOTAL LENGTH: 17.41 Miles**

Section Number	10	11	12	13	14
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)	21	21	21	22	21
Lane Width (ft)	11	11	11	11	11
Shoulder Width (ft)	4	5	4	3	3
Roadway Condition Information					
PCR (Pavement Condition Rating)	70	74	76	76	81
RCI (Roughness Condition Index)	85	85	91	91	96
SCR (Surface Condition Rating)	60	67	67	66	71
Alligator Cracking Index	100	100	100	100	100
Rutting Index	61	68	67	67	71
Patching Index	100	100	100	100	100
Tranverse Cracking Index	99	99	99	99	100
Longitudinal Cracking Index	99	99	99	100	100
Shoulder Condition Rating	GOOD	GOOD	GOOD	GOOD	GOOD
Drainage Condition Rating	GOOD	GOOD	GOOD	GOOD	GOOD

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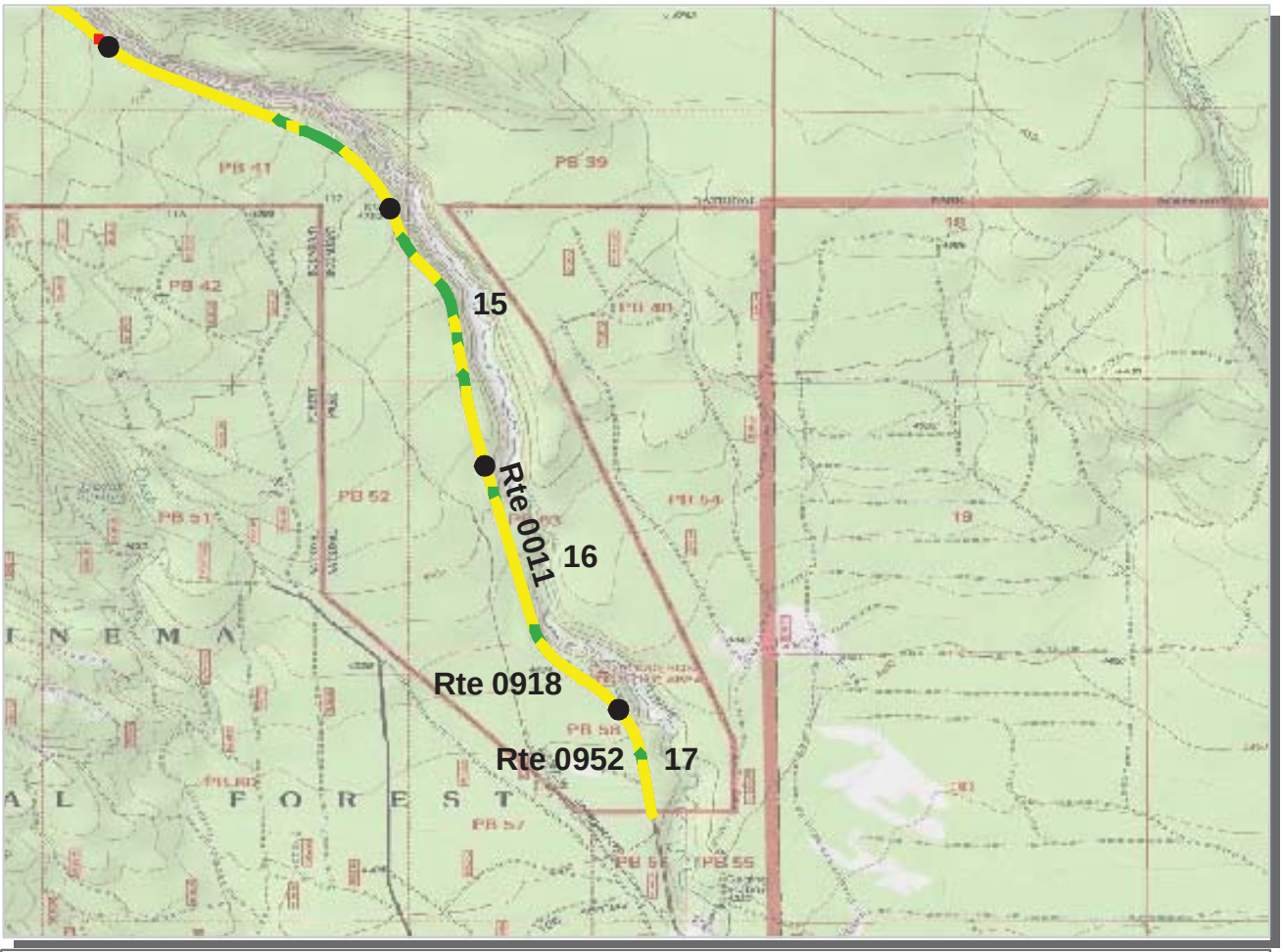

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Pacific West Region

CRLA : Crater Lake National Park

ROUTE: 0011 Crater Lake Highway **TOTAL LENGTH: 17.41 Miles**

Section Number	15	16	17		
Section Length (mi)	1.00	1.00	0.41		
AADT	**				
SADT	**				
ADT Date	**				
Cross Section Information					
Number of Lanes	2	2	2		
Paved Width (ft)	20	22	21		
Lane Width (ft)	10	11	11		
Shoulder Width (ft)	3	4	3		
Roadway Condition Information					
PCR (Pavement Condition Rating)	82	76	77		
RCI (Roughness Condition Index)	97	94	92		
SCR (Surface Condition Rating)	73	65	67		
Alligator Cracking Index	100	100	100		
Rutting Index	73	65	67		
Patching Index	100	100	100		
Tranverse Cracking Index	100	100	100		
Longitudinal Cracking Index	100	100	100		
Shoulder Condition Rating	GOOD	GOOD	GOOD		
Drainage Condition Rating	GOOD	GOOD	GOOD		

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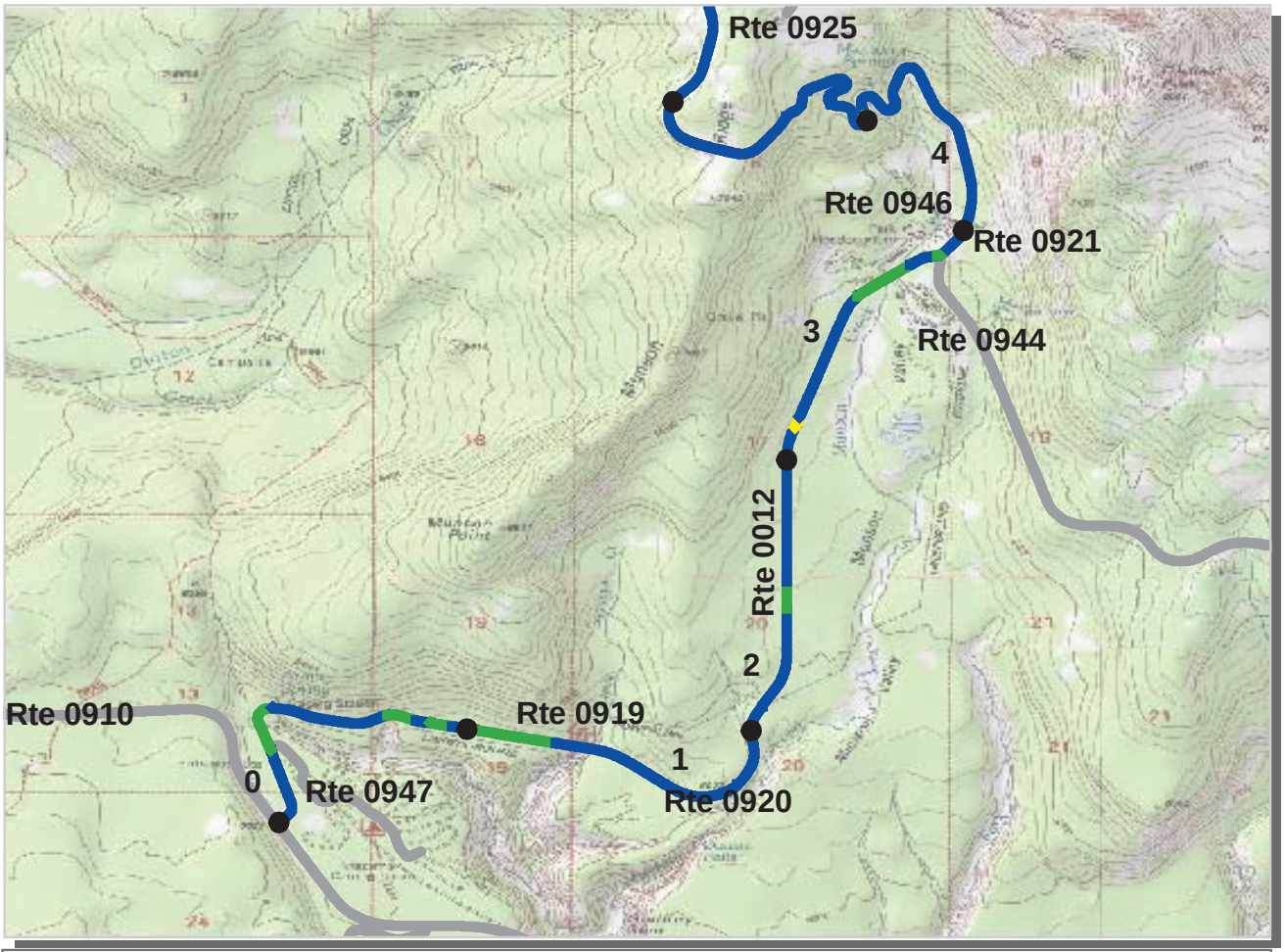

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Pacific West Region
CRLA : Crater Lake National Park

ROUTE: 0012 Munson Valley Road **TOTAL LENGTH: 7.06 Miles**

Section Number	0	1	2	3	4
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)	25	22	22	22	21
Lane Width (ft)	15	12	11	11	10
Shoulder Width (ft)	3	5	4	5	3
Roadway Condition Information					
PCR (Pavement Condition Rating)	94	95	97	95	98
RCI (Roughness Condition Index)	92	98	98	96	97
SCR (Surface Condition Rating)	94	94	97	94	99
Alligator Cracking Index	100	100	100	100	100
Rutting Index	94	94	97	94	99
Patching Index	100	100	100	99	100
Tranverse Cracking Index	99	99	100	99	100
Longitudinal Cracking Index	99	100	100	100	99
Shoulder Condition Rating	GOOD	GOOD	GOOD	GOOD	GOOD
Drainage Condition Rating	GOOD	GOOD	GOOD	GOOD	GOOD

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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.

Pacific West Region
CRLA : Crater Lake National Park

ROUTE: 0012 Munson Valley Road **TOTAL LENGTH: 7.06 Miles**

Section Number	5	6	7		
Section Length (mi)	1.00	1.00	0.06		
AADT	**				
SADT	**				
ADT Date	**				
Cross Section Information					
Number of Lanes	2	2	2		
Paved Width (ft)	22	20	28		
Lane Width (ft)	11	10	14		
Shoulder Width (ft)	4	6	0		
Roadway Condition Information					
PCR (Pavement Condition Rating)	97	84	15		
RCI (Roughness Condition Index)	97	96	0		
SCR (Surface Condition Rating)	97	83	15		
Alligator Cracking Index	100	97	29		
Rutting Index	97	89	87		
Patching Index	100	97	99		
Tranverse Cracking Index	100	99	93		
Longitudinal Cracking Index	100	99	79		
Shoulder Condition Rating	GOOD	GOOD	N/A		
Drainage Condition Rating	GOOD	GOOD	GOOD		

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

ROUTE: 0012 Munson Valley Road

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.

Pacific West Region
CRLA : Crater Lake National Park

ROUTE: 0013 East Rim Drive **TOTAL LENGTH: 23.13 Miles**

Section Number	0	1	2	3	4
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)	21	20	19	19	19
Lane Width (ft)	11	10	10	9	10
Shoulder Width (ft)	4	0	0	0	0
Roadway Condition Information					
PCR (Pavement Condition Rating)	83	79	77	82	78
RCI (Roughness Condition Index)	84	85	82	85	88
SCR (Surface Condition Rating)	82	76	74	79	71
Alligator Cracking Index	99	99	99	99	99
Rutting Index	83	76	74	79	75
Patching Index	99	99	99	99	98
Tranverse Cracking Index	99	100	99	99	98
Longitudinal Cracking Index	99	99	99	99	99
Shoulder Condition Rating	GOOD	N/A	N/A	N/A	N/A
Drainage Condition Rating	GOOD	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 (<=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.

Pacific West Region

CRLA : Crater Lake National Park

ROUTE: 0013 East Rim Drive **TOTAL LENGTH: 23.13 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)	18	19	20	19	20
Lane Width (ft)	9	10	10	10	9
Shoulder Width (ft)	6	0	3	3	0
Roadway Condition Information					
PCR (Pavement Condition Rating)	74	73	77	74	79
RCI (Roughness Condition Index)	85	81	85	80	88
SCR (Surface Condition Rating)	67	67	73	70	73
Alligator Cracking Index	100	99	100	99	99
Rutting Index	69	70	77	73	74
Patching Index	98	99	99	99	99
Tranverse Cracking Index	98	98	97	98	100
Longitudinal Cracking Index	99	99	98	99	99
Shoulder Condition Rating	GOOD	N/A	GOOD	GOOD	N/A
Drainage Condition Rating	GOOD	GOOD	GOOD	GOOD	GOOD

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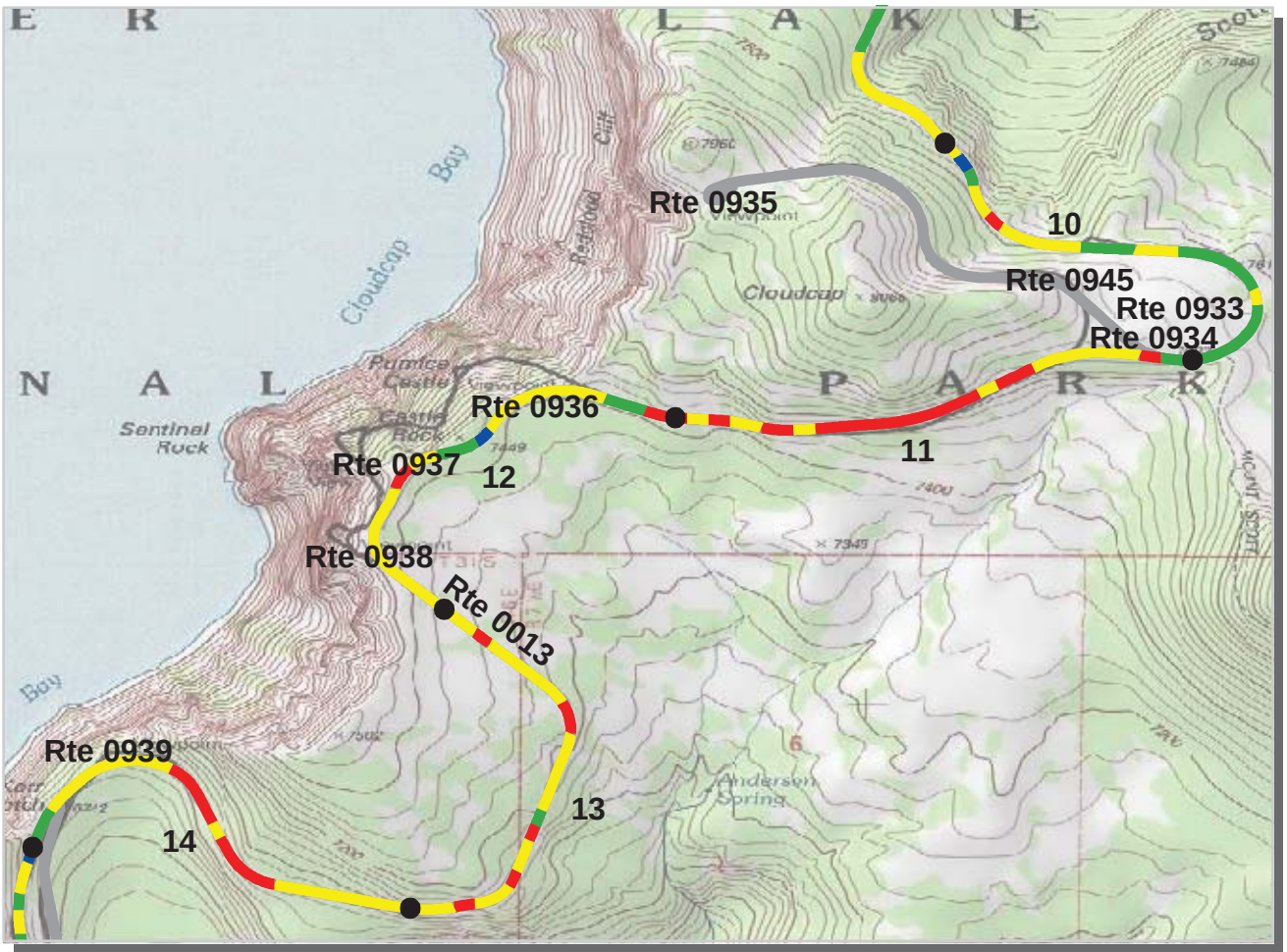

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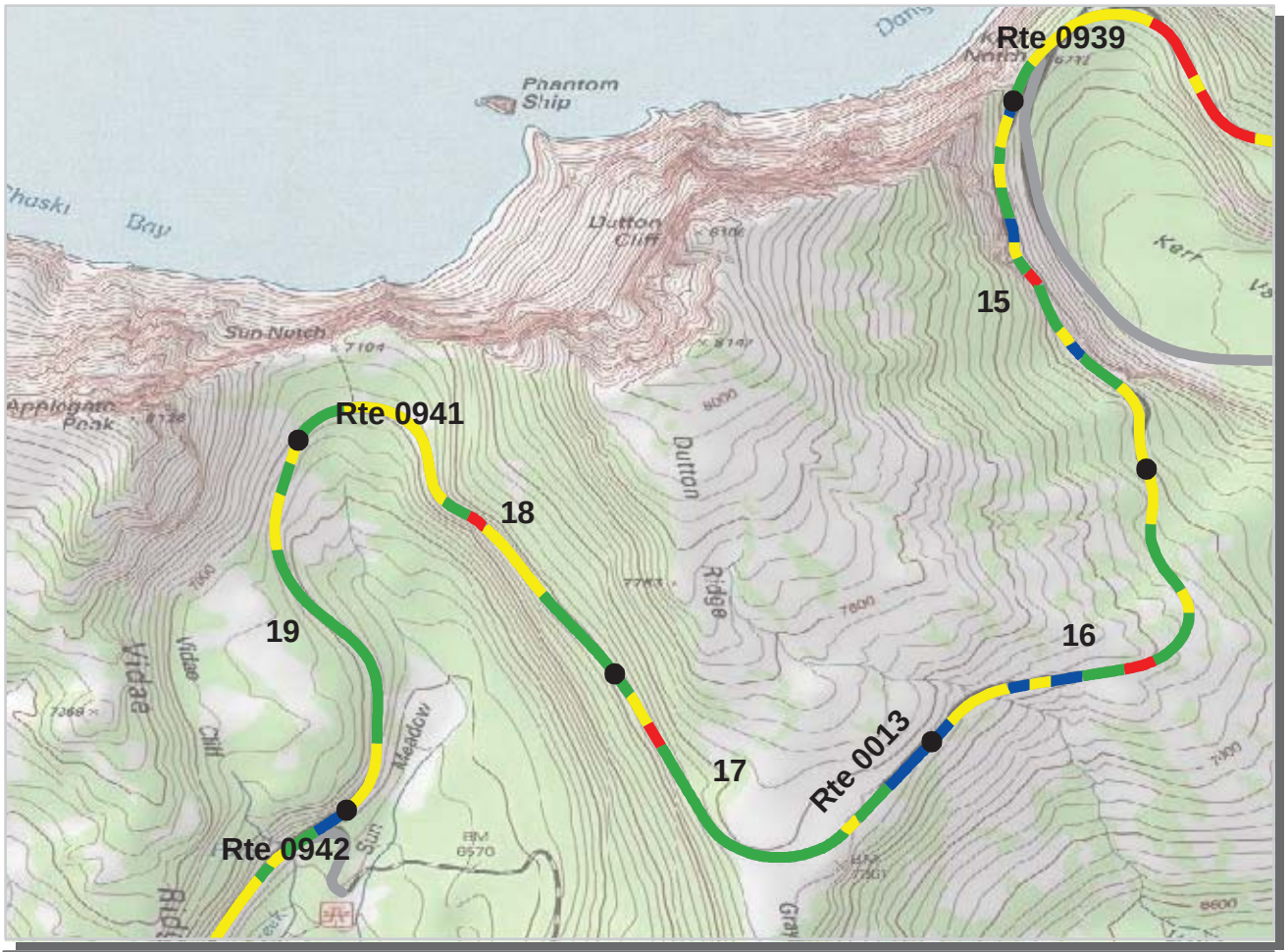
Pacific West Region
CRLA : Crater Lake National Park

ROUTE: 0013 East Rim Drive **TOTAL LENGTH: 23.13 Miles**

Section Number	10	11	12	13	14
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)	18	18	18	20	17
Lane Width (ft)	10	10	8	10	9
Shoulder Width (ft)	3	0	0	0	0
Roadway Condition Information					
PCR (Pavement Condition Rating)	83	51	72	68	64
RCI (Roughness Condition Index)	93	68	82	76	60
SCR (Surface Condition Rating)	77	40	66	62	67
Alligator Cracking Index	100	62	96	94	97
Rutting Index	77	66	73	66	73
Patching Index	99	99	99	99	98
Tranverse Cracking Index	99	97	98	99	99
Longitudinal Cracking Index	99	97	98	99	98
Shoulder Condition Rating	GOOD	N/A	N/A	N/A	N/A
Drainage Condition Rating	GOOD	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



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

Pacific West Region

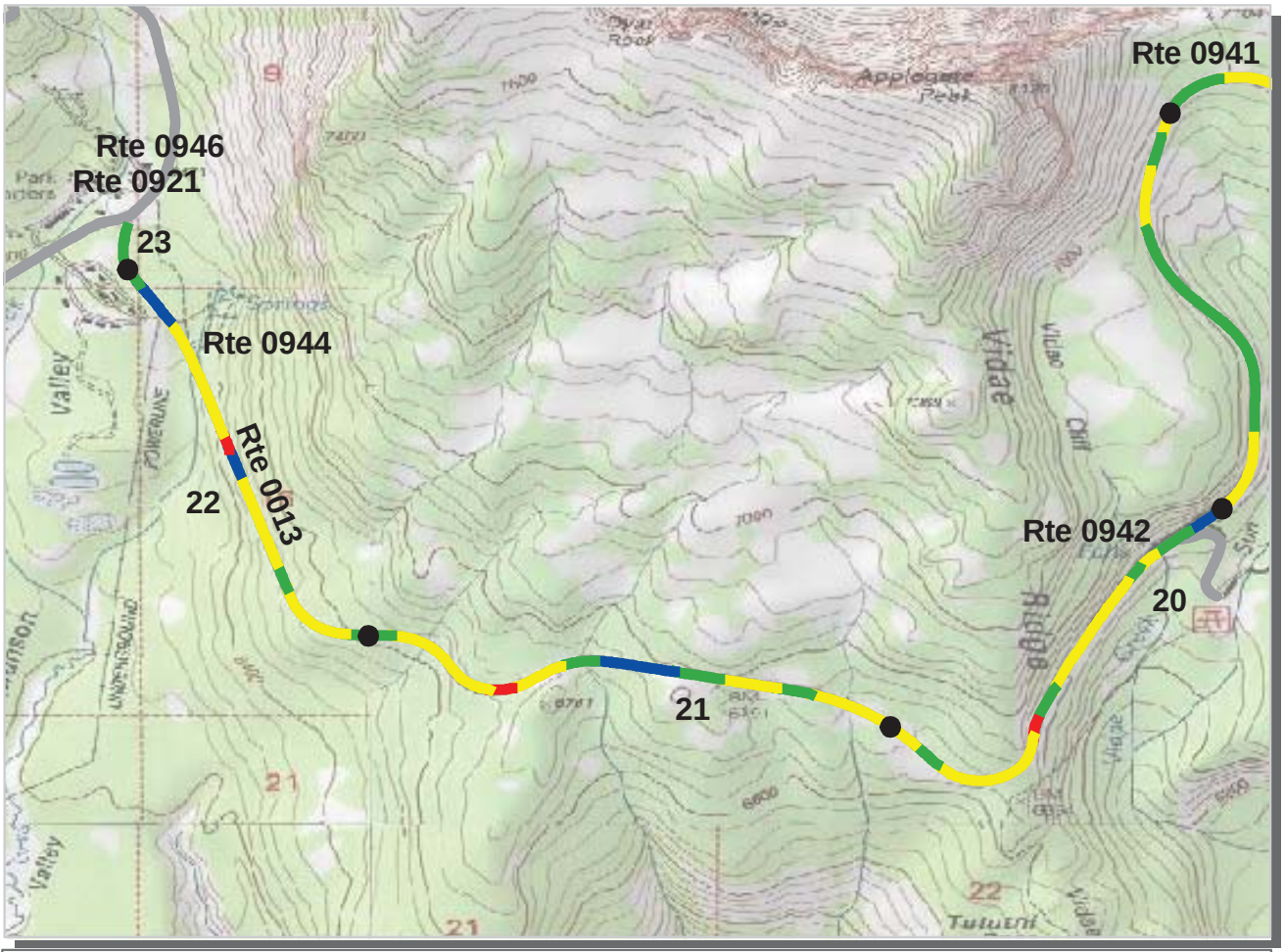
CRLA : Crater Lake National Park

ROUTE: 0013 East Rim Drive **TOTAL LENGTH: 23.13 Miles**

Section Number	15	16	17	18	19
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	18	19	21	19
Lane Width (ft)	10	9	9	10	10
Shoulder Width (ft)	0	0	0	0	0
Roadway Condition Information					
PCR (Pavement Condition Rating)	81	82	87	78	85
RCI (Roughness Condition Index)	76	87	88	82	87
SCR (Surface Condition Rating)	84	79	86	76	84
Alligator Cracking Index	99	99	100	100	99
Rutting Index	86	79	88	78	85
Patching Index	98	99	99	98	99
Tranverse Cracking Index	99	99	99	99	99
Longitudinal Cracking Index	99	99	99	99	99
Shoulder Condition Rating	N/A	N/A	N/A	N/A	N/A
Drainage Condition Rating	GOOD	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 (<=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.

Pacific West Region

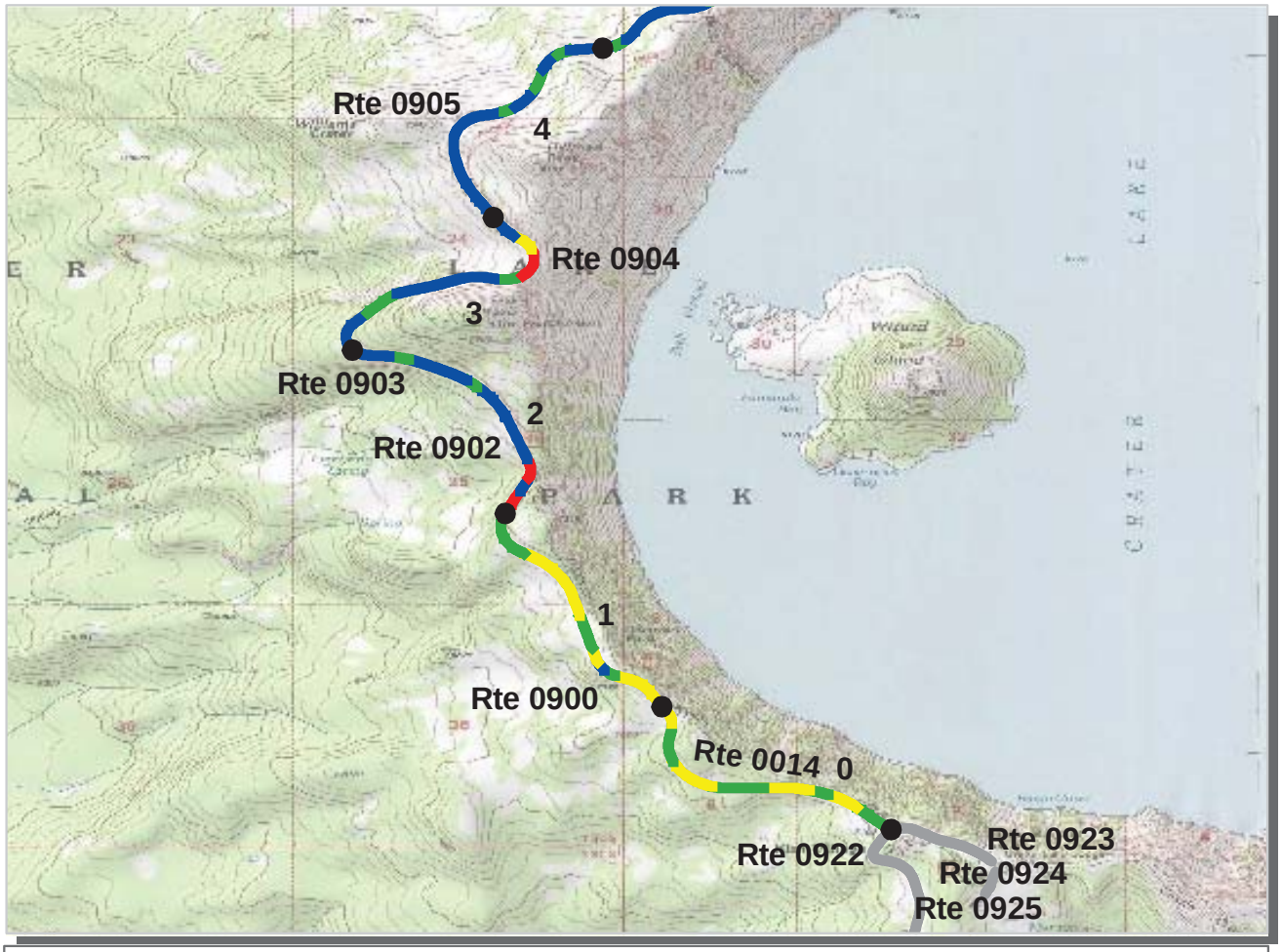
CRLA : Crater Lake National Park

ROUTE: 0013 East Rim Drive **TOTAL LENGTH: 23.13 Miles**

Section Number	20	21	22	23	
Section Length (mi)	1.00	1.00	1.00	0.13	
AADT	**				
SADT	**				
ADT Date	**				
Cross Section Information					
Number of Lanes	2	2	2	2	
Paved Width (ft)	17	19	18	19	
Lane Width (ft)	8	8	9	8	
Shoulder Width (ft)	0	3	3	2	
Roadway Condition Information					
PCR (Pavement Condition Rating)	78	79	79	87	
RCI (Roughness Condition Index)	86	86	76	96	
SCR (Surface Condition Rating)	73	74	81	84	
Alligator Cracking Index	98	99	99	99	
Rutting Index	78	76	82	89	
Patching Index	99	99	99	99	
Tranverse Cracking Index	98	99	99	97	
Longitudinal Cracking Index	97	98	99	98	
Shoulder Condition Rating	N/A	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 (<=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.

Pacific West Region

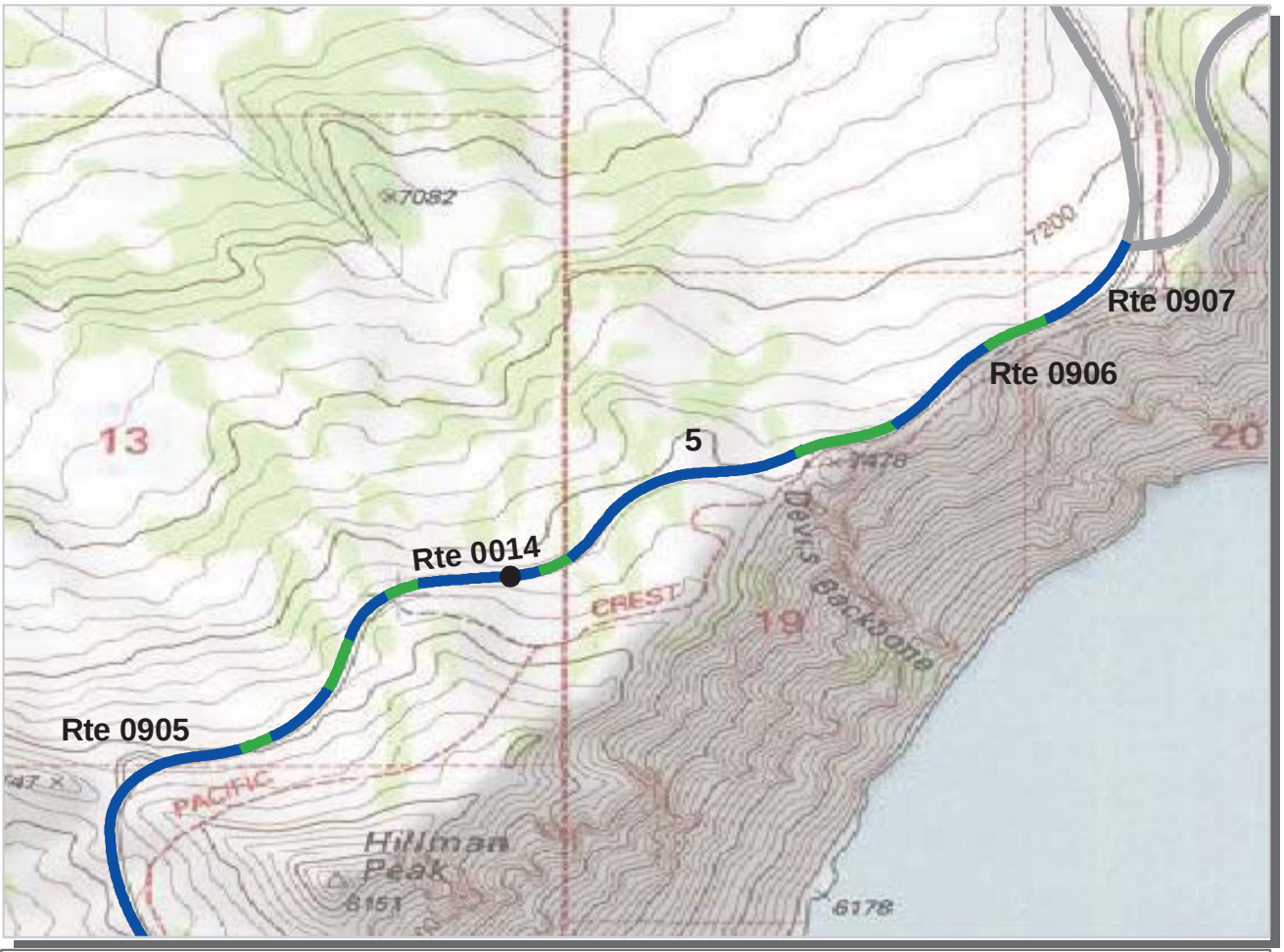
CRLA : Crater Lake National Park

ROUTE: 0014 West Rim Drive **TOTAL LENGTH: 5.91 Miles**

Section Number	0	1	2	3	4
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)	23	21	20	20	22
Lane Width (ft)	12	10	10	10	11
Shoulder Width (ft)	4	3	3	2	0
Roadway Condition Information					
PCR (Pavement Condition Rating)	84	83	85	87	96
RCI (Roughness Condition Index)	88	81	89	87	96
SCR (Surface Condition Rating)	82	85	82	87	96
Alligator Cracking Index	100	99	99	99	99
Rutting Index	82	88	91	94	97
Patching Index	100	99	90	96	99
Tranverse Cracking Index	99	98	99	99	100
Longitudinal Cracking Index	99	99	99	98	99
Shoulder Condition Rating	GOOD	GOOD	GOOD	GOOD	N/A
Drainage Condition Rating	GOOD	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 (<=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.

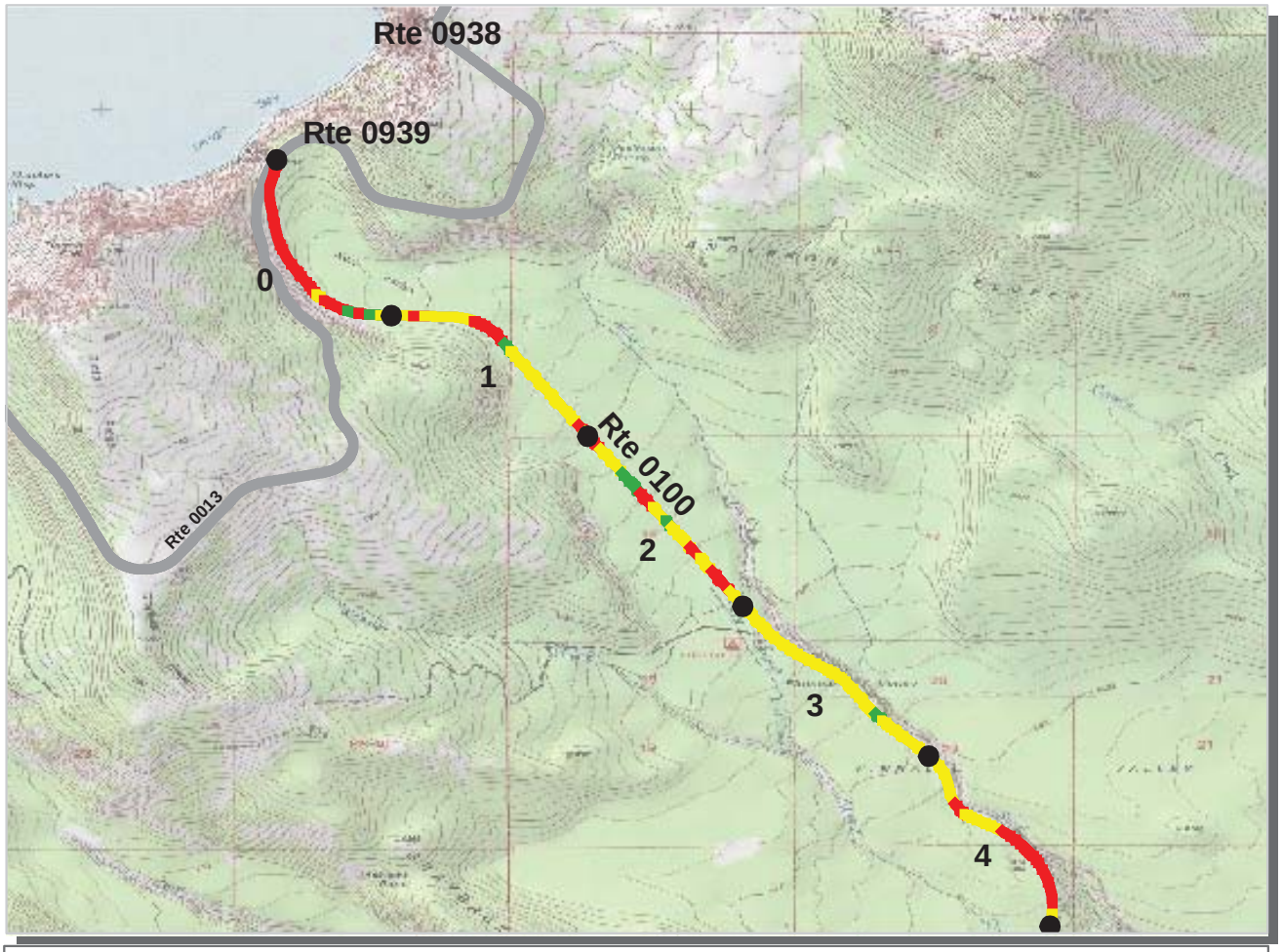
Pacific West Region
CRLA : Crater Lake National Park

ROUTE: 0014 West Rim Drive **TOTAL LENGTH: 5.91 Miles**

Section Number	5				
Section Length (mi)	0.91				
AADT	**				
SADT	**				
ADT Date	**				
Cross Section Information					
Number of Lanes	2				
Paved Width (ft)	21				
Lane Width (ft)	10				
Shoulder Width (ft)	2				
Roadway Condition Information					
PCR (Pavement Condition Rating)	95				
RCI (Roughness Condition Index)	93				
SCR (Surface Condition Rating)	97				
Alligator Cracking Index	99				
Rutting Index	97				
Patching Index	99				
Tranverse Cracking Index	99				
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



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.

Pacific West Region

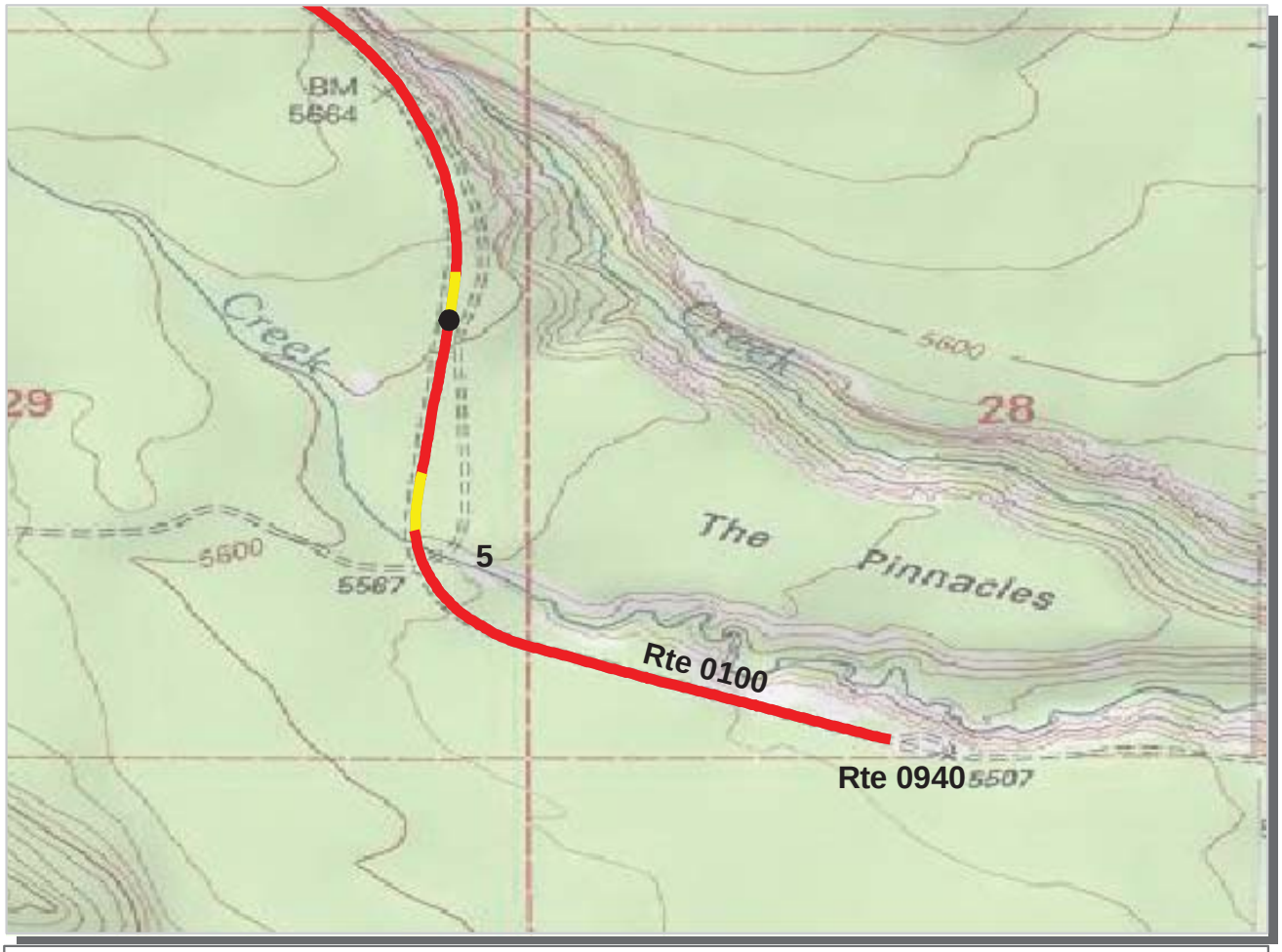
CRLA : Crater Lake National Park

ROUTE: 0100 Pinnacles Road **TOTAL LENGTH: 5.90 Miles**

Section Number	0	1	2	3	4
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)	18	17	17	17	17
Lane Width (ft)	9	9	9	9	8
Shoulder Width (ft)	0	0	0	0	0
Roadway Condition Information					
PCR (Pavement Condition Rating)	41	68	69	72	55
RCI (Roughness Condition Index)	56	78	80	84	67
SCR (Surface Condition Rating)	36	63	62	65	47
Alligator Cracking Index	74	94	90	96	86
Rutting Index	69	74	78	77	63
Patching Index	98	99	99	99	99
Tranverse Cracking Index	94	96	95	92	94
Longitudinal Cracking Index	94	98	97	98	98
Shoulder Condition Rating	N/A	N/A	N/A	N/A	N/A
Drainage Condition Rating	GOOD	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 (<=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.

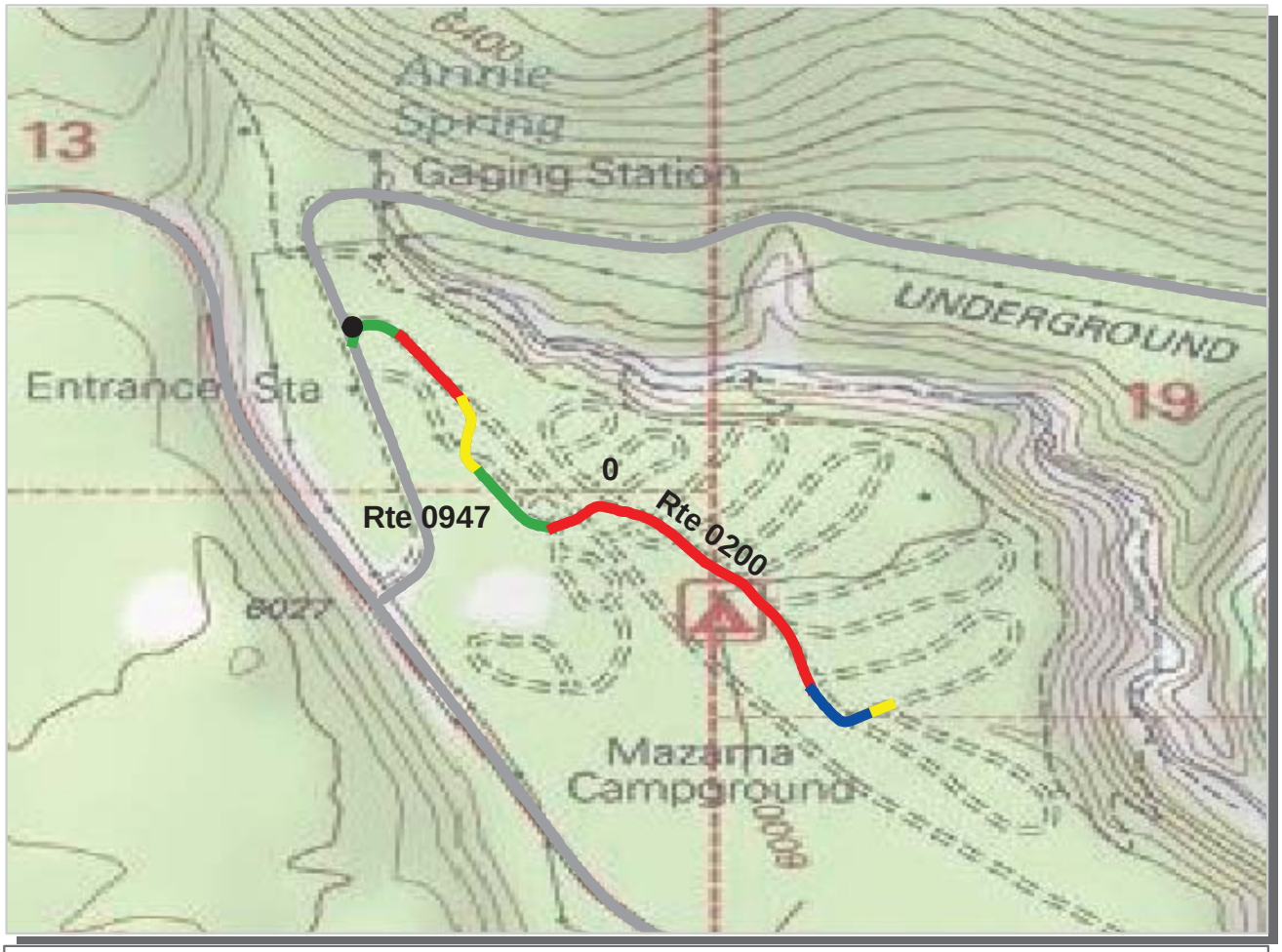
Pacific West Region
CRLA : Crater Lake National Park

ROUTE: 0100 Pinnacles Road **TOTAL LENGTH: 5.90 Miles**

Section Number	5				
Section Length (mi)	0.90				
AADT	**				
SADT	**				
ADT Date	**				
Cross Section Information					
Number of Lanes	2				
Paved Width (ft)	17				
Lane Width (ft)	8				
Shoulder Width (ft)	0				
Roadway Condition Information					
PCR (Pavement Condition Rating)	47				
RCI (Roughness Condition Index)	62				
SCR (Surface Condition Rating)	36				
Alligator Cracking Index	79				
Rutting Index	55				
Patching Index	98				
Tranverse Cracking Index	99				
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



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.

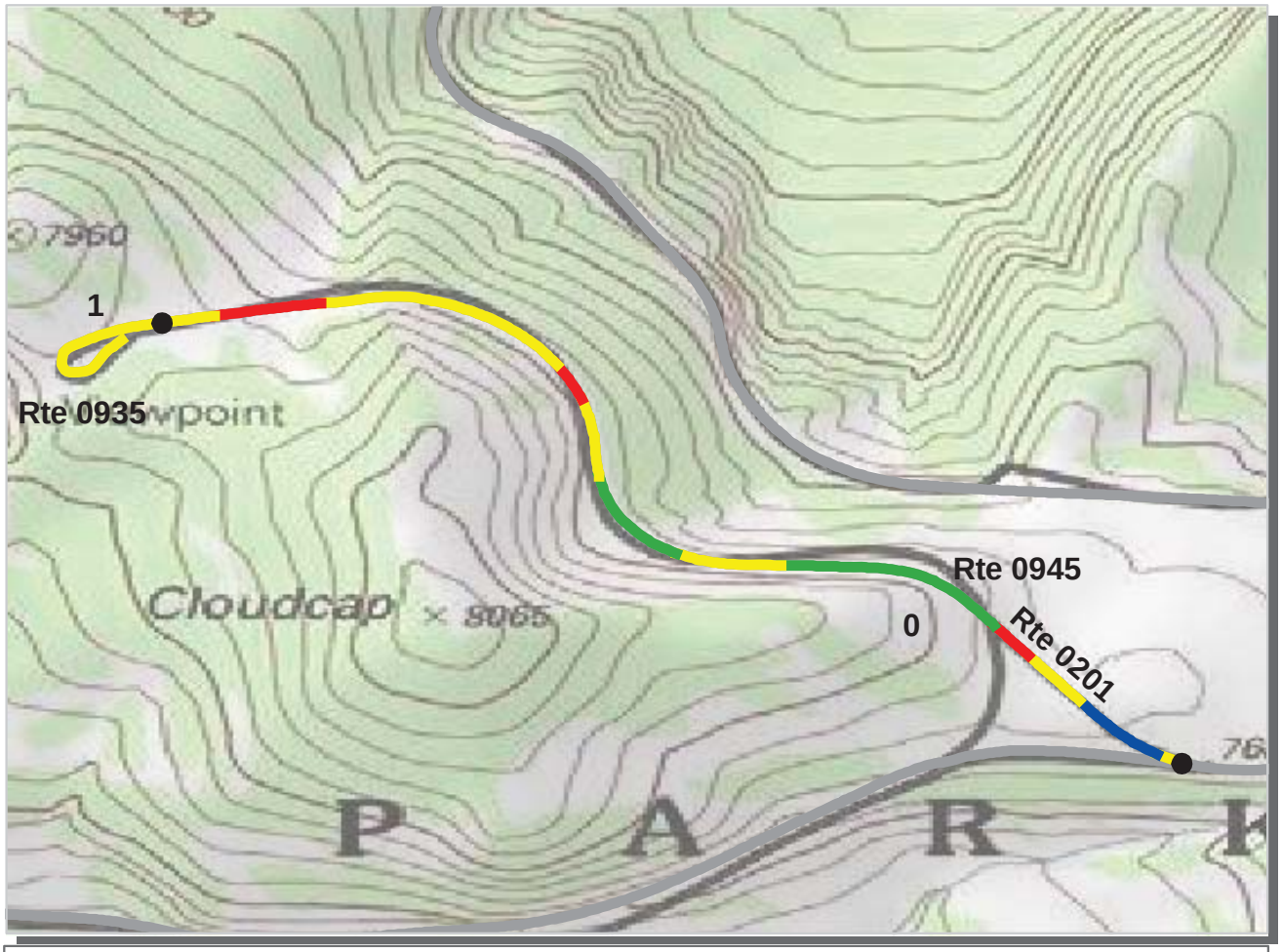
Pacific West Region
CRLA : Crater Lake National Park

ROUTE: 0200 Mazama Campground Access Road **TOTAL LENGTH: 0.68 Miles**

Section Number	0				
Section Length (mi)	0.68				
AADT	**				
SADT	**				
ADT Date	**				
Cross Section Information					
Number of Lanes	2				
Paved Width (ft)	33				
Lane Width (ft)	11				
Shoulder Width (ft)	4				
Roadway Condition Information					
PCR (Pavement Condition Rating)	57				
RCI (Roughness Condition Index)	65				
SCR (Surface Condition Rating)	55				
Alligator Cracking Index	74				
Rutting Index	78				
Patching Index	97				
Tranverse Cracking Index	97				
Longitudinal Cracking Index	97				
Shoulder Condition Rating	N/C				
Drainage Condition Rating	N/C				

* 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 (<=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.

Pacific West Region
CRLA : Crater Lake National Park

ROUTE: 0201 Cloudcap Viewpoint Road **TOTAL LENGTH: 1.17 Miles**

Section Number	0	1			
Section Length (mi)	1.00	0.17			
AADT	**				
SADT	**				
ADT Date	**				
Cross Section Information					
Number of Lanes	2	2			
Paved Width (ft)	18	20			
Lane Width (ft)	9	10			
Shoulder Width (ft)	4	4			
Roadway Condition Information					
PCR (Pavement Condition Rating)	76	69			
RCI (Roughness Condition Index)	88	82			
SCR (Surface Condition Rating)	67	66			
Alligator Cracking Index	98	100			
Rutting Index	72	70			
Patching Index	100	100			
Tranverse Cracking Index	98	97			
Longitudinal Cracking Index	98	99			
Shoulder Condition Rating	N/C	N/C			
Drainage Condition Rating	N/C	N/C			

* 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 (<=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.

Pacific West Region
CRLA : Crater Lake National Park

ROUTE: 0204 Vidae Falls Picnic Area **TOTAL LENGTH: 0.23 Miles**

Section Number	0				
Section Length (mi)	0.23				
AADT	**				
SADT	**				
ADT Date	**				
Cross Section Information					
Number of Lanes	2				
Paved Width (ft)	19				
Lane Width (ft)	11				
Shoulder Width (ft)	0				
Roadway Condition Information					
PCR (Pavement Condition Rating)	49				
RCI (Roughness Condition Index)	53				
SCR (Surface Condition Rating)	47				
Alligator Cracking Index	99				
Rutting Index	50				
Patching Index	99				
Tranverse Cracking Index	99				
Longitudinal Cracking Index	99				
Shoulder Condition Rating	N/A				
Drainage Condition Rating	N/C				

* 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 (<=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.

Pacific West Region
CRLA : Crater Lake National Park

ROUTE: 0400 Mazama Dormitories **TOTAL LENGTH: 0.42 Miles**

Section Number	0				
Section Length (mi)	0.42				
AADT	**				
SADT	**				
ADT Date	**				
Cross Section Information					
Number of Lanes	2				
Paved Width (ft)	19				
Lane Width (ft)	9				
Shoulder Width (ft)	0				
Roadway Condition Information					
PCR (Pavement Condition Rating)	76				
RCI (Roughness Condition Index)	76				
SCR (Surface Condition Rating)	76				
Alligator Cracking Index	100				
Rutting Index	77				
Patching Index	100				
Tranverse 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

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.

Pacific West Region

CRLA : Crater Lake National Park

ROUTE: 0403 Crater Lake Lodge Residence Road **TOTAL LENGTH: 0.12 Miles**

Section Number	0				
Section Length (mi)	0.12				
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)	45				
RCI (Roughness Condition Index)	79				
SCR (Surface Condition Rating)	34				
Alligator Cracking Index	84				
Rutting Index	83				
Patching Index	100				
Tranverse Cracking Index	82				
Longitudinal Cracking Index	84				
Shoulder Condition Rating	N/A				
Drainage Condition Rating	GOOD				

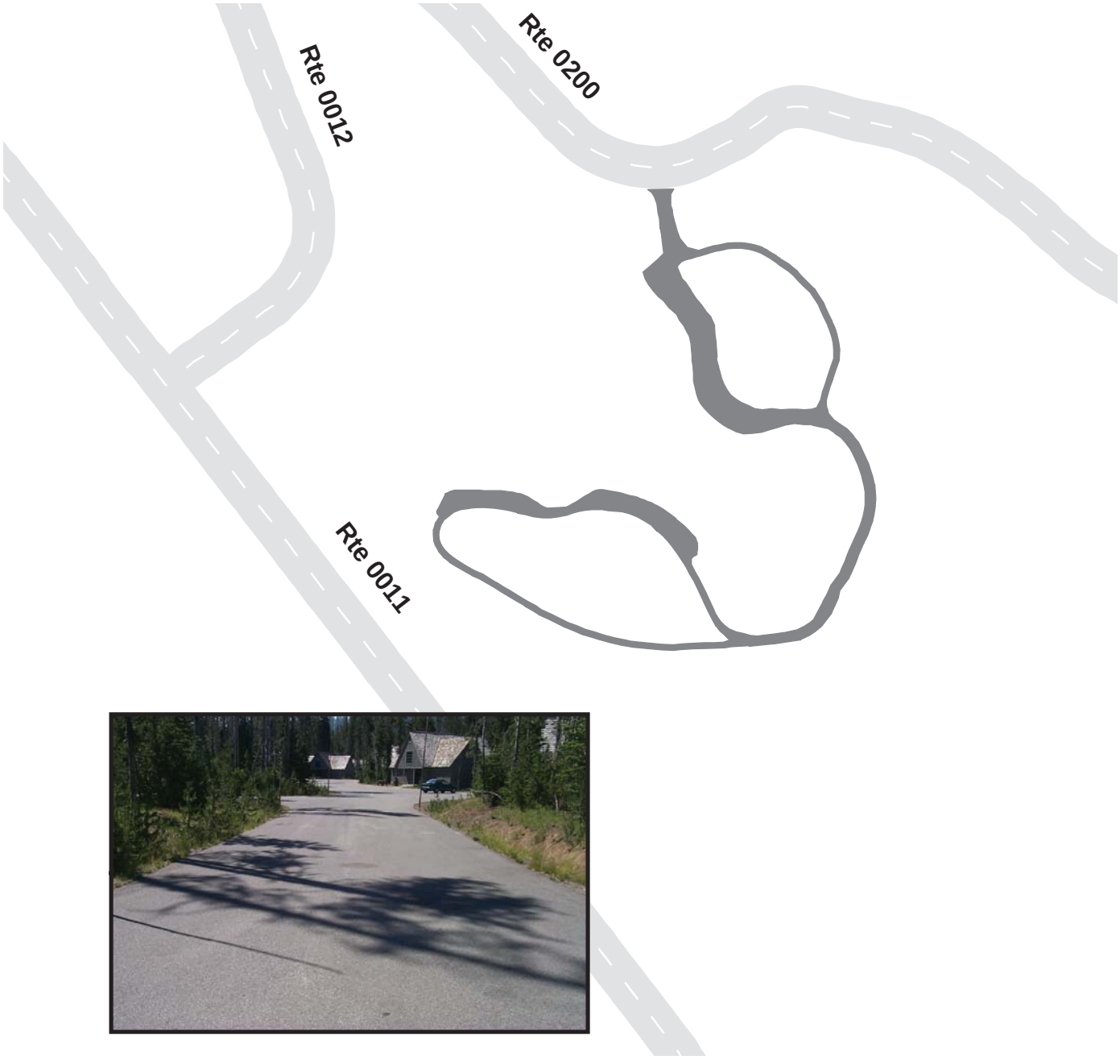
* NC designates data not collected NA designates not applicable

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

Crater Lake National Park
Route 0202
Mazuma Motor Lodge
From Route 0200

Route	Length (mi)	Width (ft)	Area (sq ft)	Lane Miles *	Condition / PCR	Surface Type
0202	0.47	0.00	54871	0.94	GOOD / 90	AS

* Lane miles are based on 11' lane widths



100 50 0 100
Feet

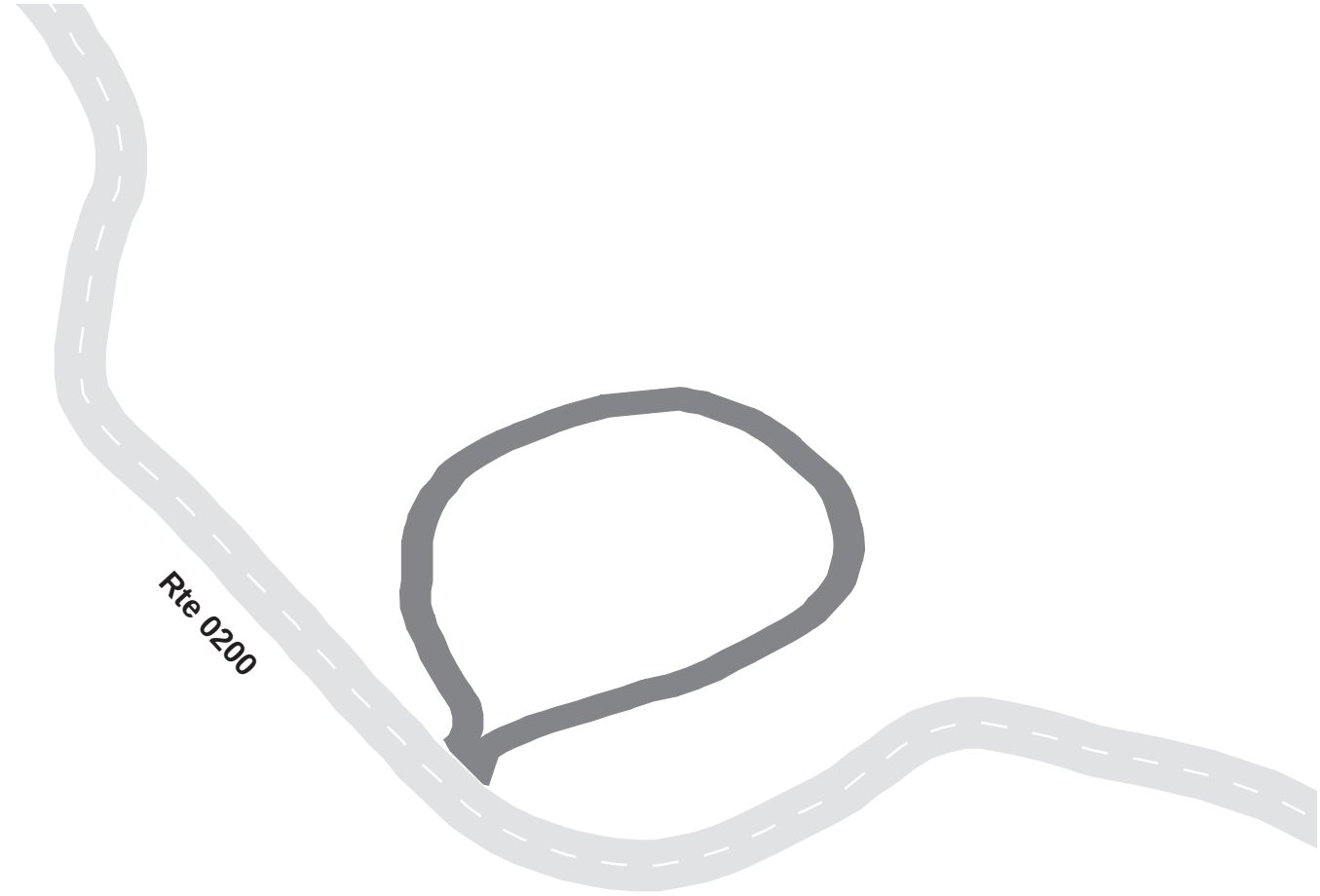
N

Crater Lake National Park
Route 0203A

Mazama Campground Loop A
From Route 0200

Route	Length (mi)	Width (ft)	Area (sq ft)	Lane Miles *	Condition / PCR	Surface Type
0203A	0.17	0.00	15583	0.27	GOOD / 90	AS

* Lane miles are based on 11' lane widths



100 50 0 100
Feet

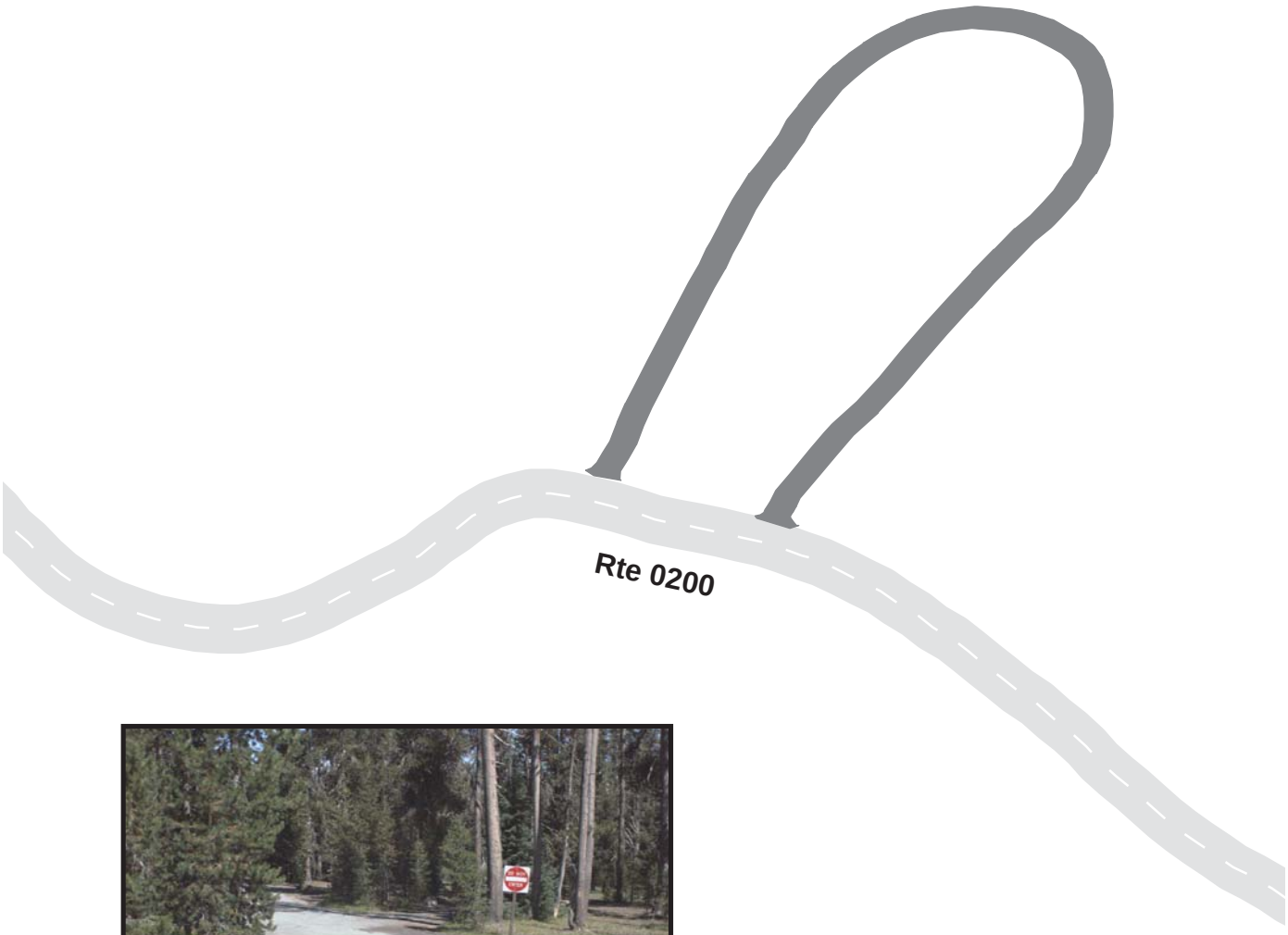
N

Crater Lake National Park
Route 0203B

Mazama Campground Loop B
From Route 0200 at MP 0.34 on Left

Route	Length (mi)	Width (ft)	Area (sq ft)	Lane Miles *	Condition / PCR	Surface Type
0203B	0.18	0.00	17251	0.30	GOOD / 90	AS

* Lane miles are based on 11' lane widths



200 100 0 200
Feet

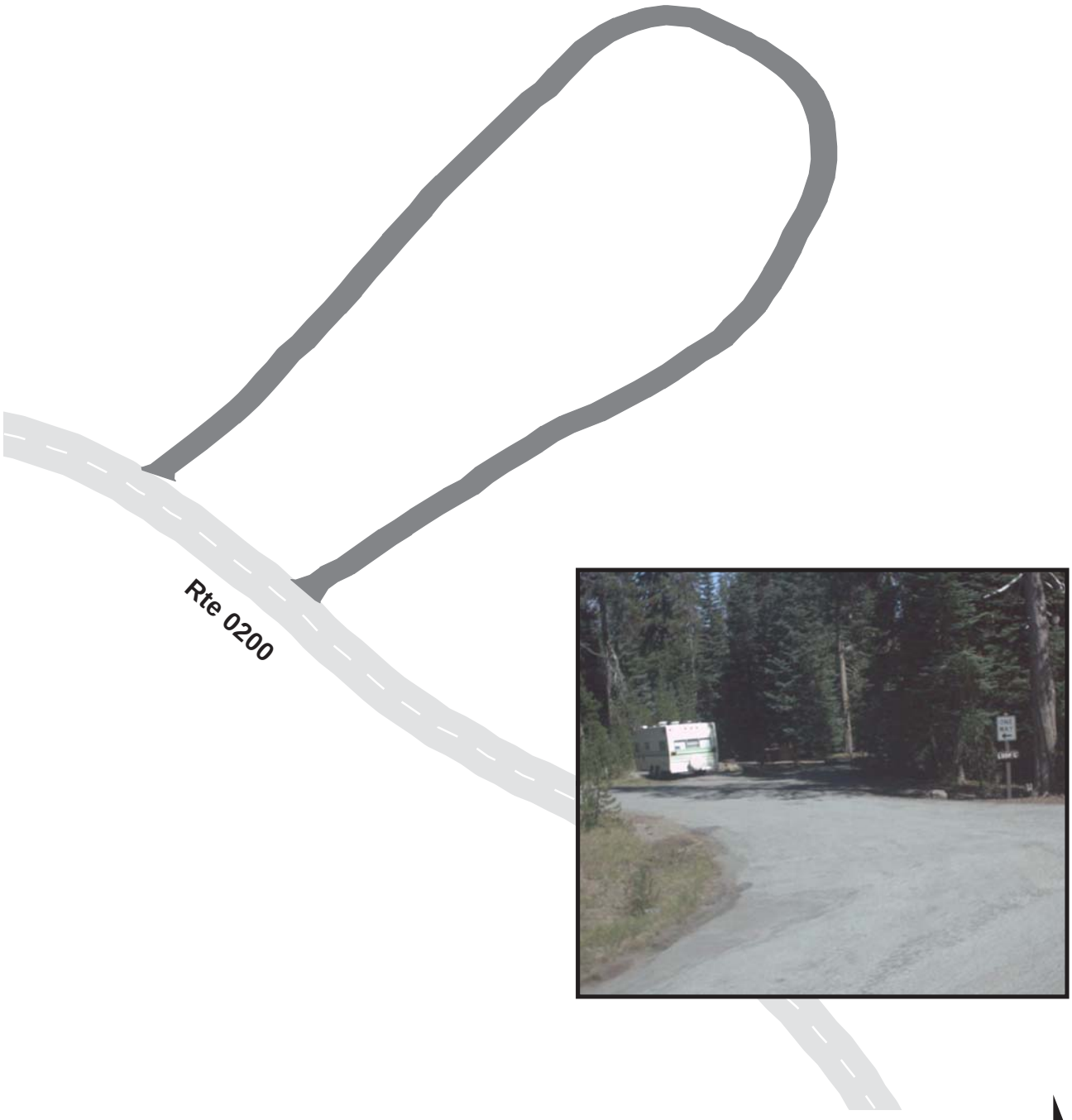
N

Crater Lake National Park
Route 0203C

Mazama Campground Loop C
From Route 0200 at MP 0.37 on Left

Route	Length (mi)	Width (ft)	Area (sq ft)	Lane Miles *	Condition / PCR	Surface Type
0203C	0.26	0.00	24140	0.42	GOOD / 90	AS

* Lane miles are based on 11' lane widths

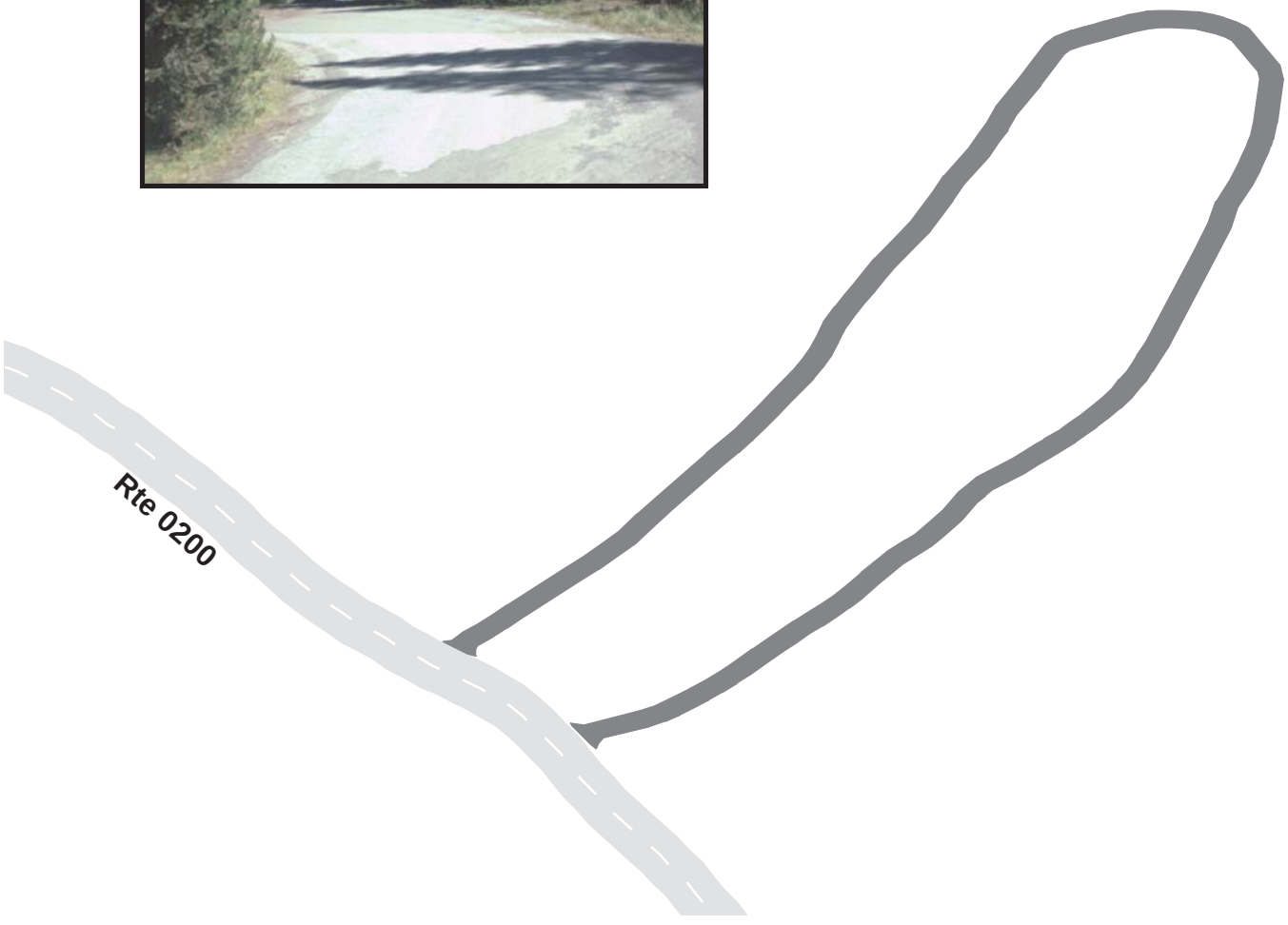


Crater Lake National Park
Route 0203D

Mazama Campground Loop D
From Route 0200 at MP 0.44 on Left

Route	Length (mi)	Width (ft)	Area (sq ft)	Lane Miles *	Condition / PCR	Surface Type
0203D	0.36	0.00	34011	0.59	GOOD / 90	AS

* Lane miles are based on 11' lane widths



300 150 0 300
Feet

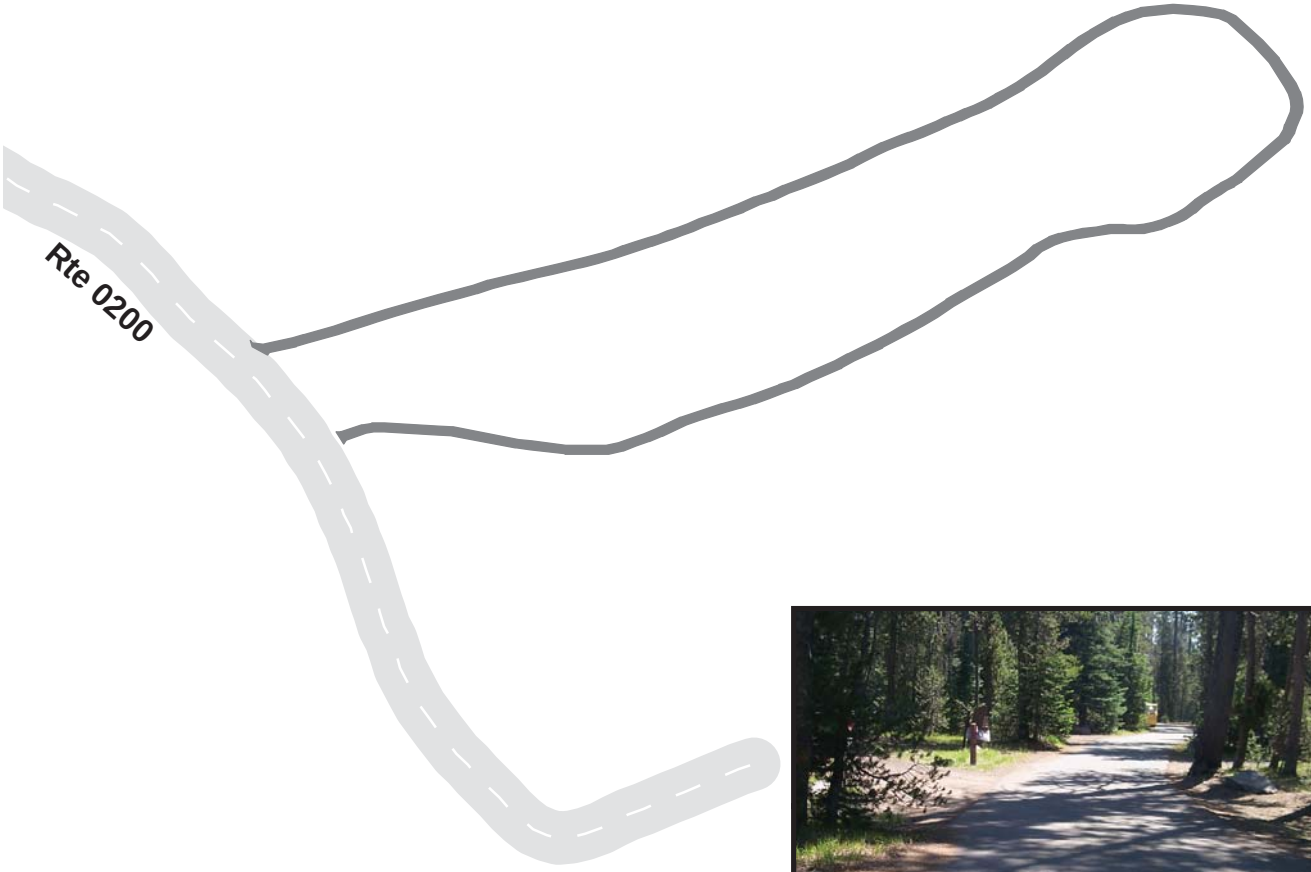
N

Crater Lake National Park
Route 0203E

Mazama Campground Loop E
From Route 0200 at MP 0.50

Route	Length (mi)	Width (ft)	Area (sq ft)	Lane Miles *	Condition / PCR	Surface Type
0203E	0.41	0.00	23687	0.41	GOOD / 90	AS

* Lane miles are based on 11' lane widths



100 50 0 100
Feet

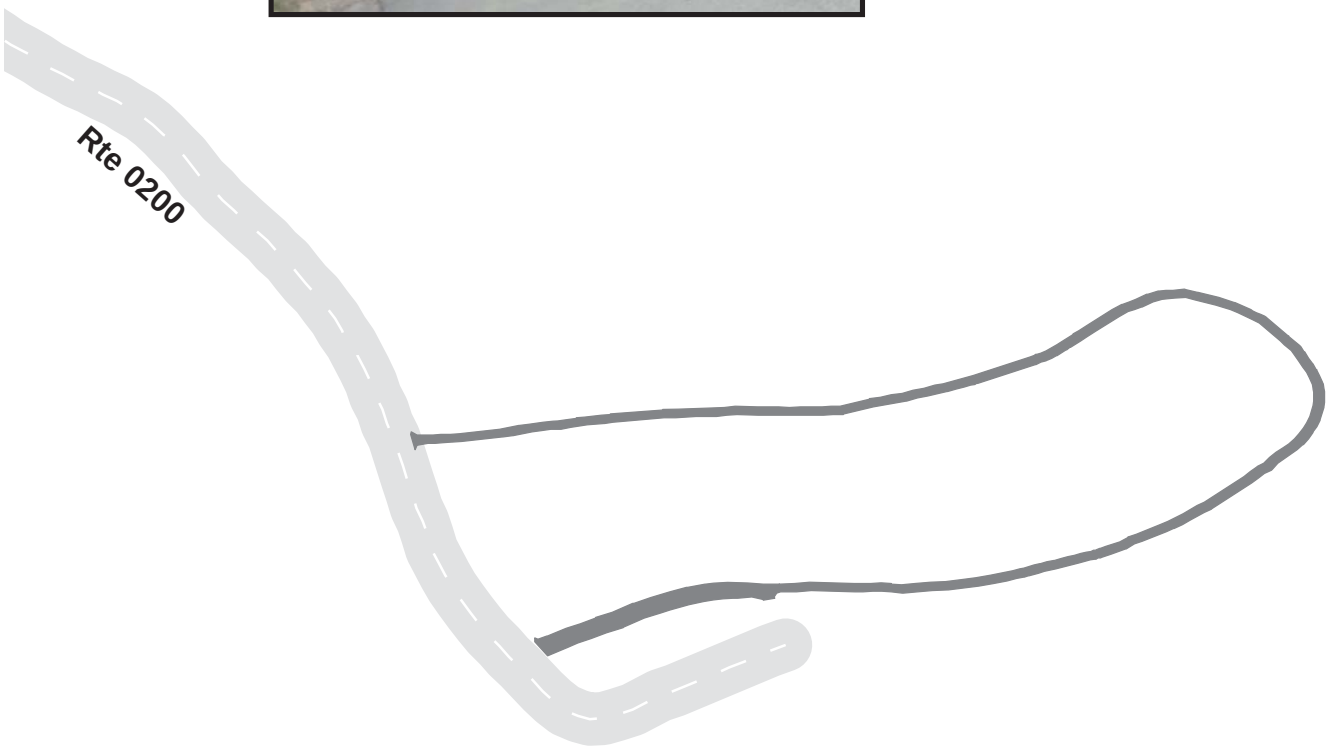
N

Crater Lake National Park
Route 0203F

Mazama Campground Loop F
From Route 0200 at MP 0.63

Route	Length (mi)	Width (ft)	Area (sq ft)	Lane Miles *	Condition / PCR	Surface Type
0203F	0.34	0.00	20320	0.35	GOOD / 90	AS

* Lane miles are based on 11' lane widths



200 100 0 200
Feet

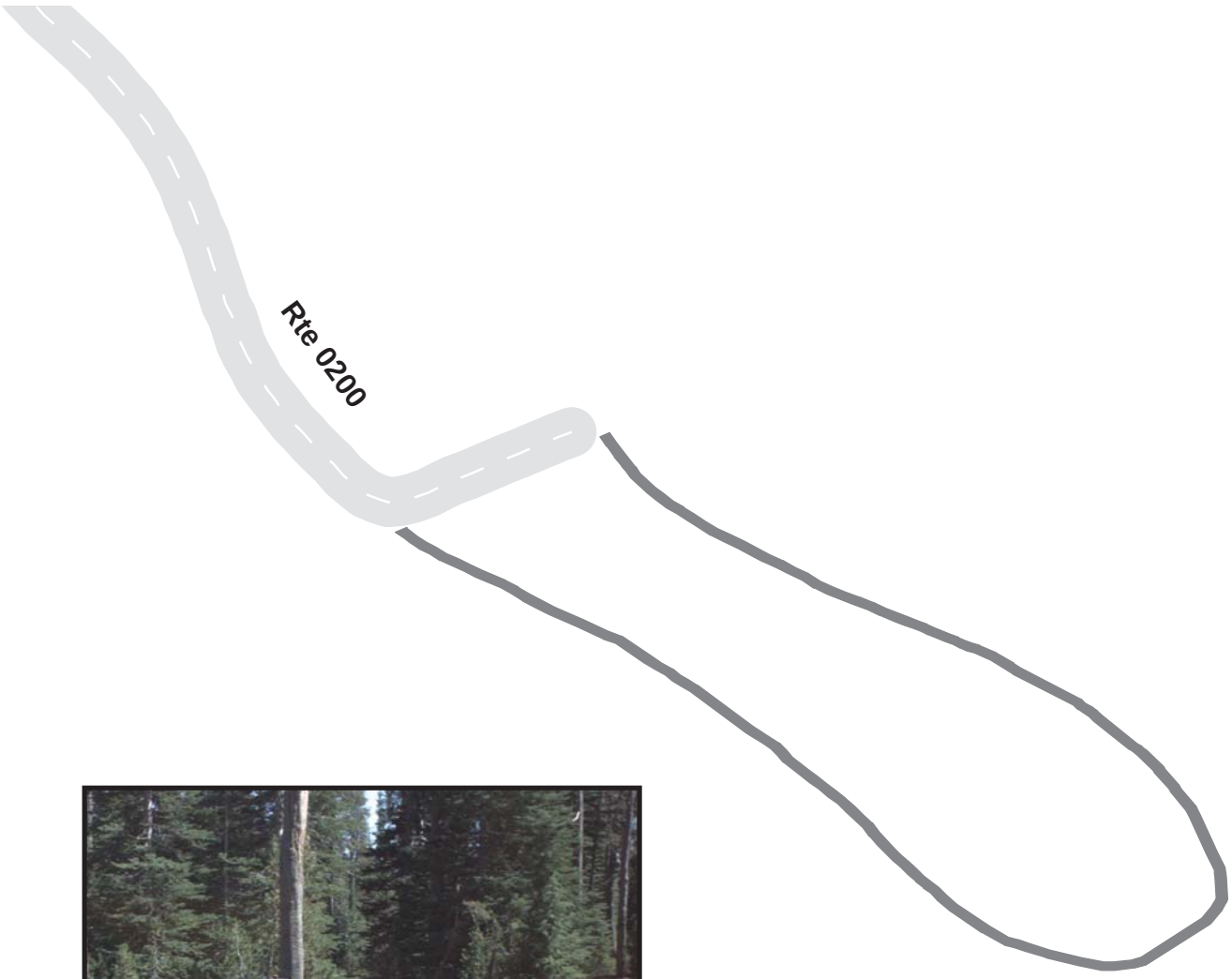
N

Crater Lake National Park
Route 0203G

Mazama Campground Loop G
From Route 0200 at MP 0.63 on Right

Route	Length (mi)	Width (ft)	Area (sq ft)	Lane Miles *	Condition / PCR	Surface Type
0203G	0.38	0.00	21424	0.37	GOOD / 90	AS

* Lane miles are based on 11' lane widths



300 150 0 300
Feet

N

Crater Lake National Park
Route 0207

Picnic Hill

From Route 0012 at MP 7.01 on Right

Route	Length (mi)	Width (ft)	Area (sq ft)	Lane Miles *	Condition / PCR	Surface Type
0207	0.52	0.00	55384	0.95	FAIR / 73	AS

* Lane miles are based on 11' lane widths

100 50 0 100
Feet

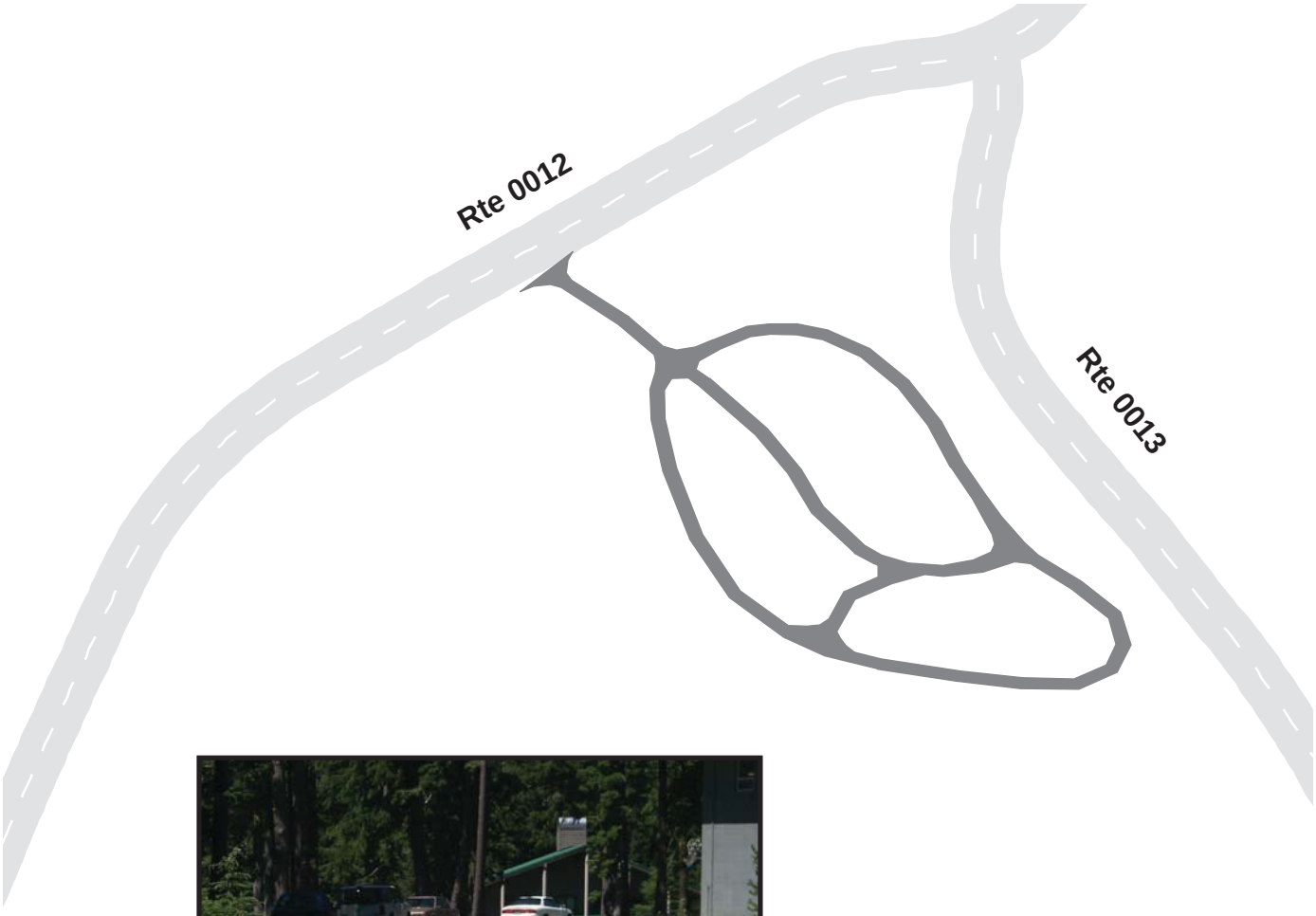
N

Crater Lake National Park
Route 0401

Headquarters Residence Area
On Route 0012 MP 3.72 on Right

Route	Length (mi)	Width (ft)	Area (sq ft)	Lane Miles *	Condition / PCR	Surface Type
0401	0.70	0.00	81770	1.41	FAIR / 73	AS

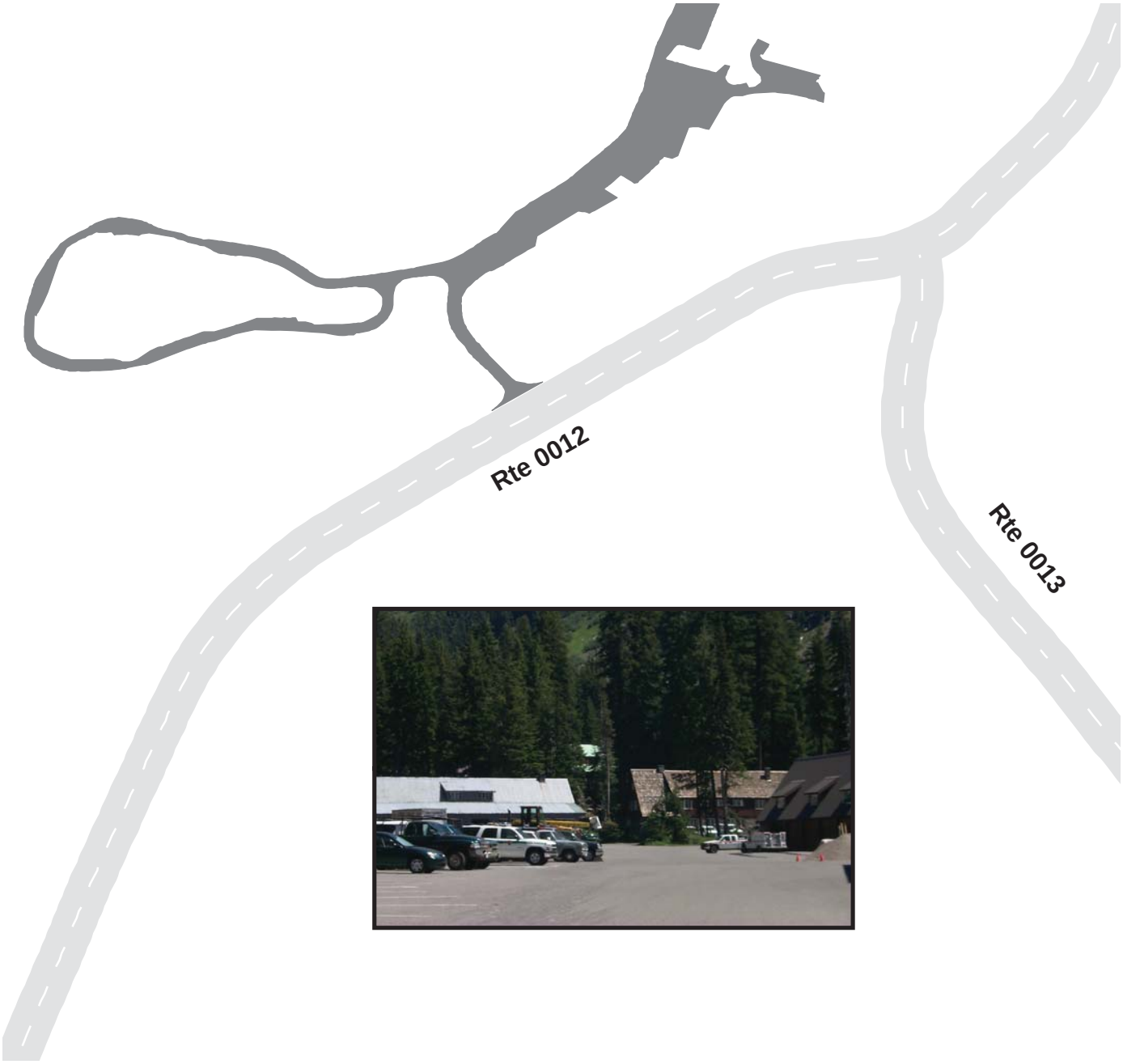
* Lane miles are based on 11' lane widths



Crater Lake National Park
Route 0402
Headquarters Maintenance And Parking Area
On Route 0012 MP 3.72 on Left

Route	Length (mi)	Width (ft)	Area (sq ft)	Lane Miles *	Condition / PCR	Surface Type
0402	1.14	0.00	132553	2.28	GOOD / 90	AS

* Lane miles are based on 11' lane widths



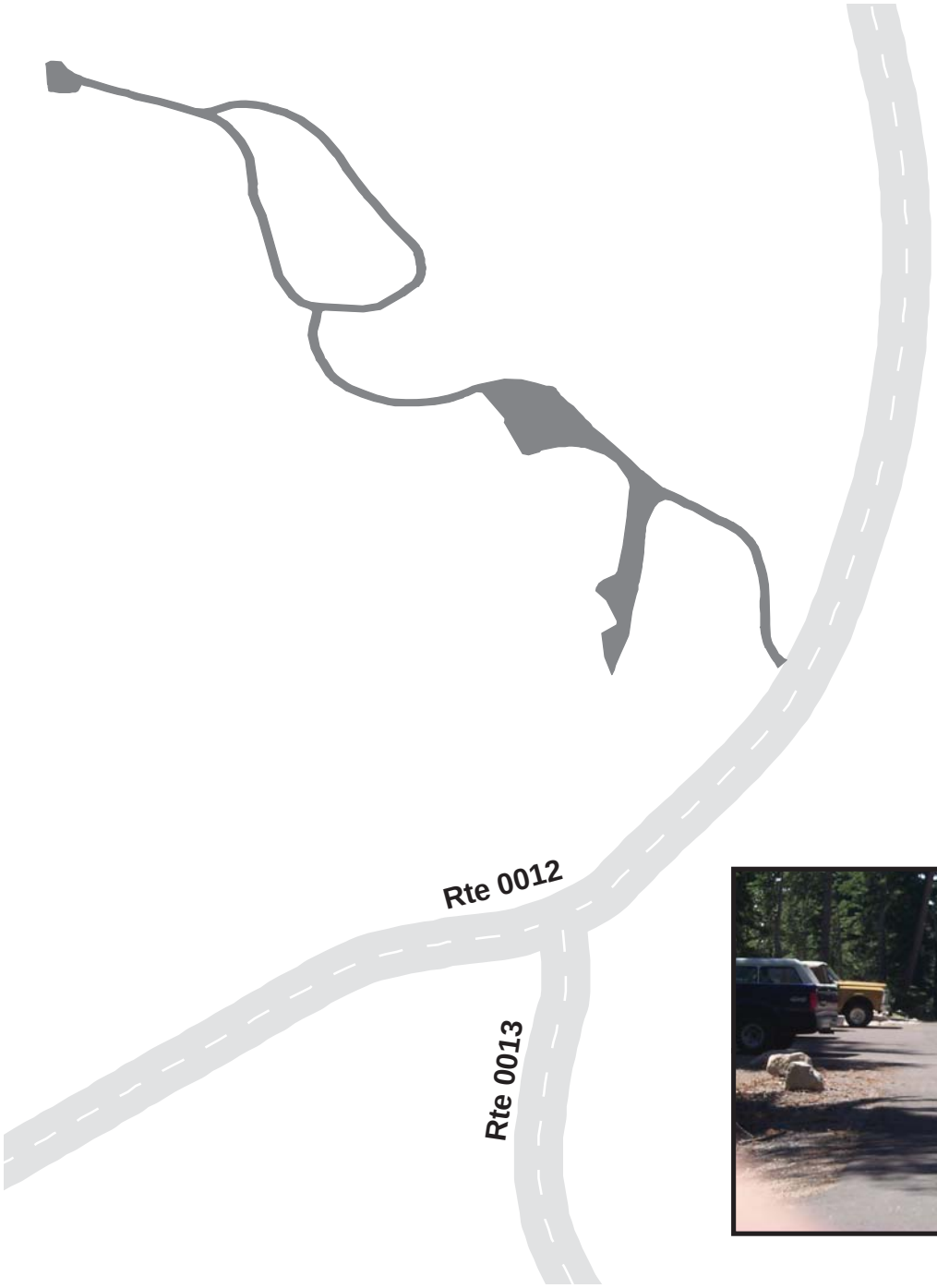
500 250 0 500
Feet

N

Crater Lake National Park
Route 0404
Headquarters Residence Road
From Route 0921

Route	Length (mi)	Width (ft)	Area (sq ft)	Lane Miles *	Condition / PCR	Surface Type
0404	0.79	0.00	46202	0.80	GOOD / 90	AS

* Lane miles are based on 11' lane widths



300 150 0 300
Feet

N

Crater Lake National Park
Route 0405
South Maintenance Yard Access Road
From Route 0011 at MP 17.4 on Right

Route	Length (mi)	Width (ft)	Area (sq ft)	Lane Miles *	Condition / PCR	Surface Type
0405	0.16	0.00	0	0.00	POOR / 45	AS

* Lane miles are based on 11' lane widths

300 150 0 300
Feet

N

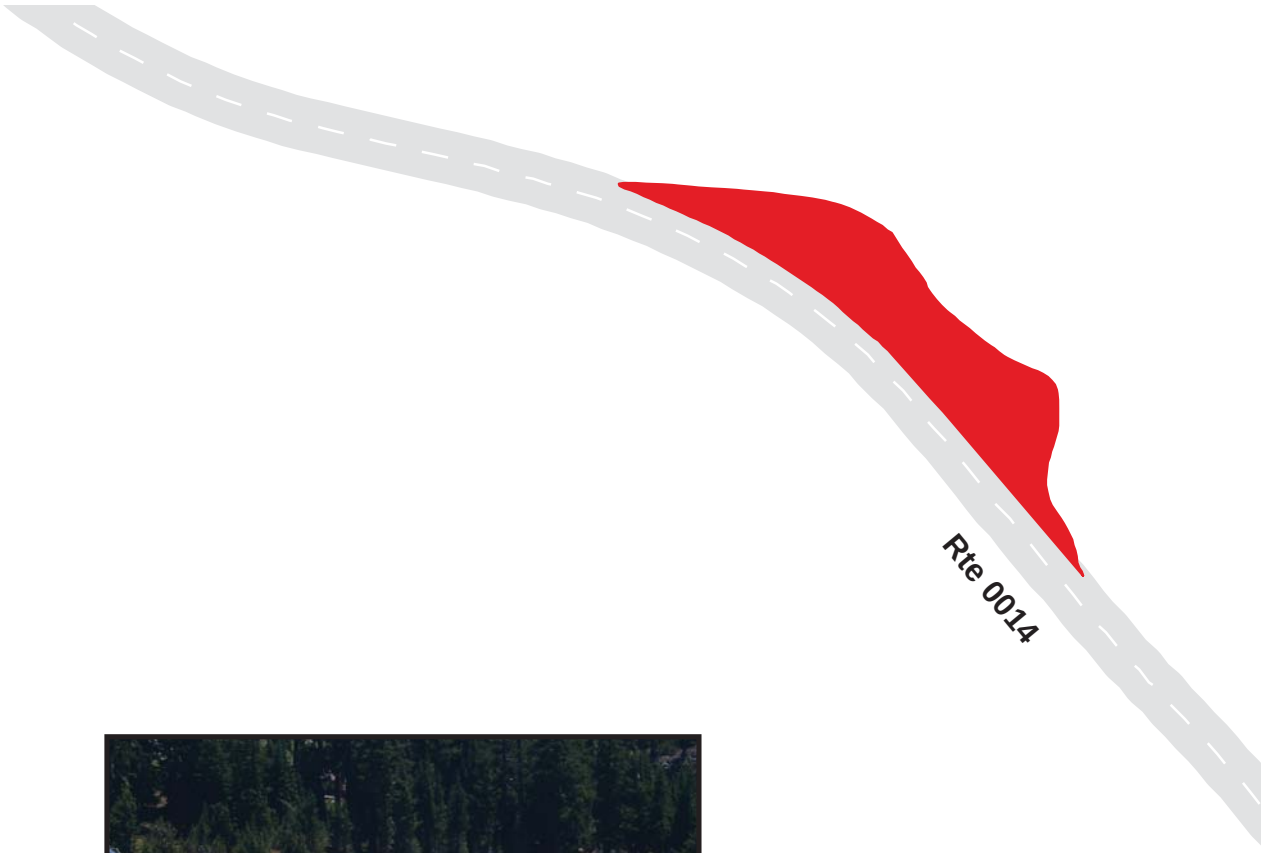
Crater Lake National Park
Route 0900

Discovery Point

Adjacent to Route 0014 at MP 1.1 on Right

Route	Public / NonPublic	Date Visited	Area (sq ft)	Lane Miles *	Surface Type	Condition / PCR
0900	Public	7/23/2002	32527	0.56	AS	FAIR / 73

* Lane miles are based on 11' lane widths



300 150 0 300

Feet

N

Crater Lake National Park
Route 0902

Discovery Point Picnic Area
Adjacent to Route 0014 at MP 2.38 on Right

Route	Public / NonPublic	Date Visited	Area (sq ft)	Lane Miles *	Surface Type	Condition / PCR
0902	Public	7/23/2002	5179	0.09	AS	POOR / 45

* Lane miles are based on 11' lane widths

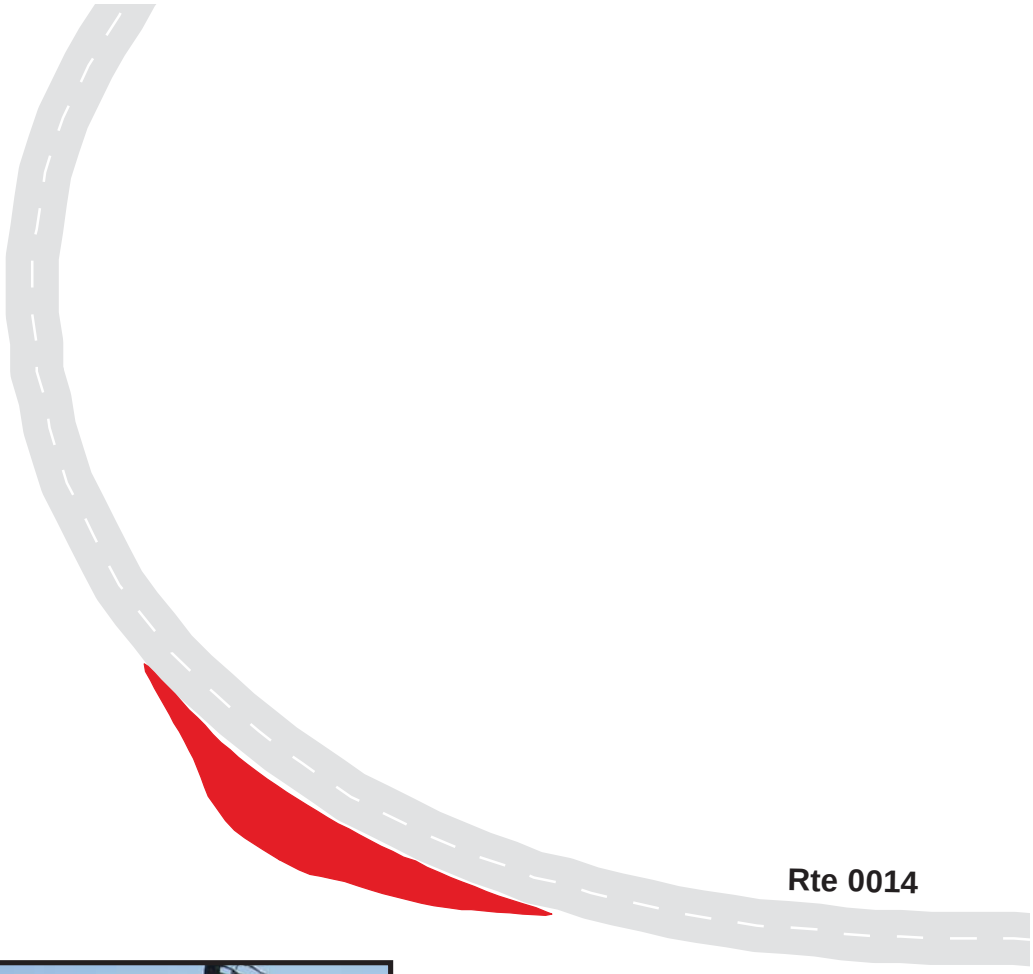
Crater Lake National Park
Route 0903

Union Peak Overlook

Adjacent to Route 0014 at MP 3.0 on Left

Route	Public / NonPublic	Date Visited	Area (sq ft)	Lane Miles *	Surface Type	Condition / PCR
0903	Public	7/23/2002	5307	0.09	AS	GOOD / 90

* Lane miles are based on 11' lane widths



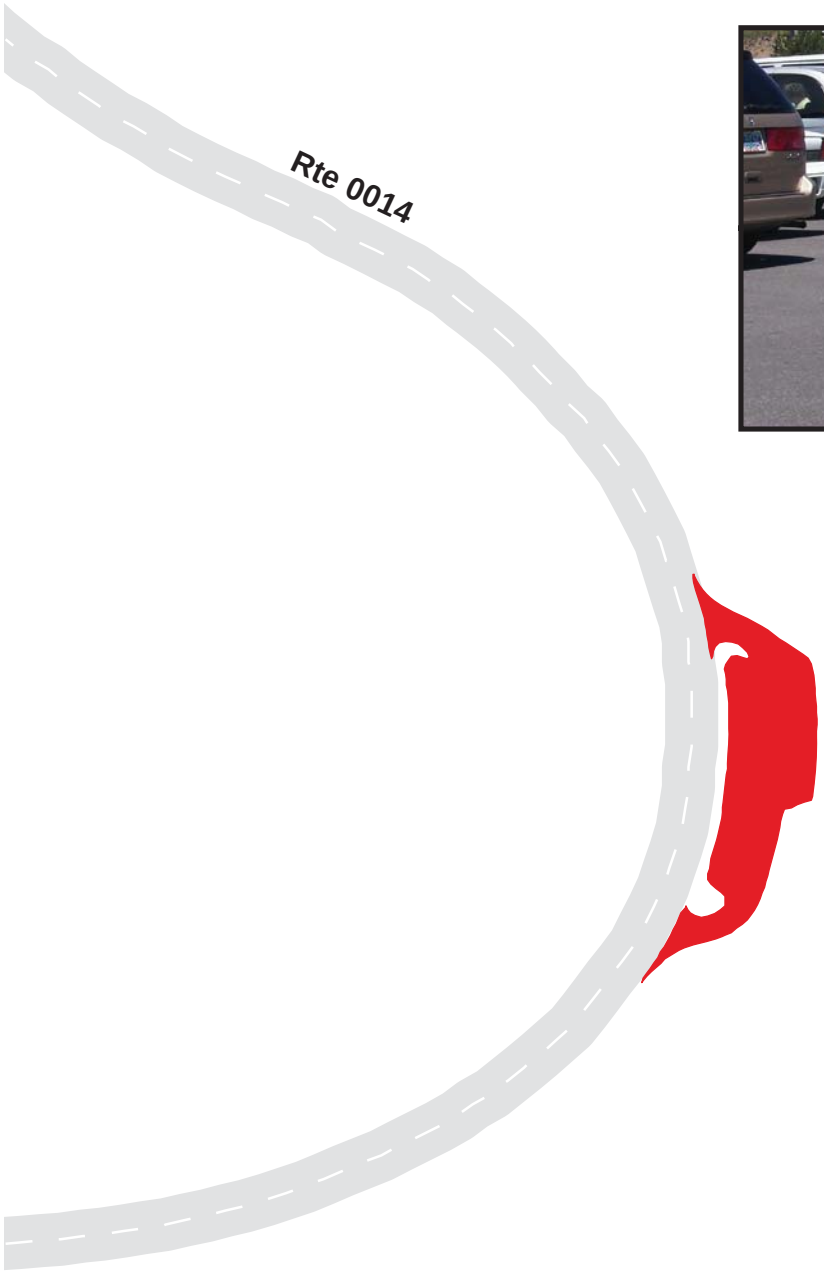
Crater Lake National Park
Route 0904

The Corrals

From Route 0014 at MP 3.74 on Right

Route	Public / NonPublic	Date Visited	Area (sq ft)	Lane Miles *	Surface Type	Condition / PCR
0904	Public	7/23/2002	13572	0.23	AS	FAIR / 73

* Lane miles are based on 11' lane widths



100 50 0 100
Feet

N

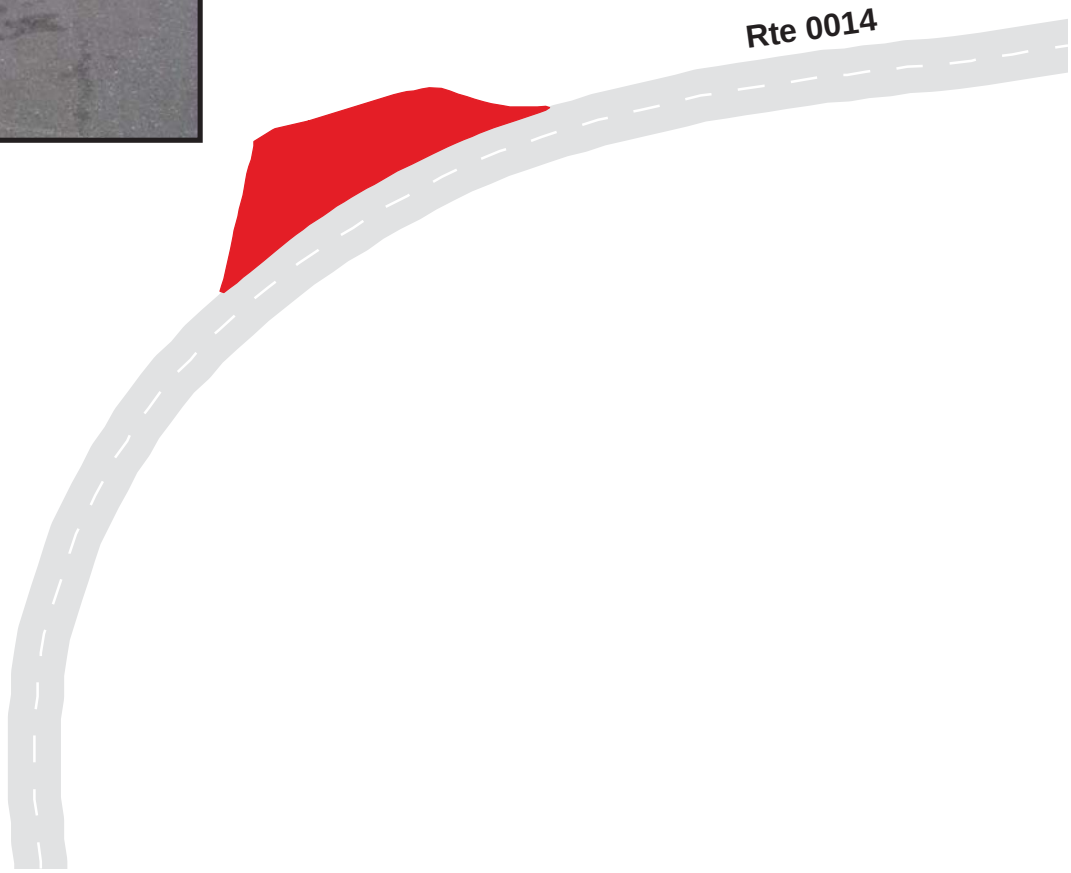
Crater Lake National Park
Route 0905

Diamond Lake Overlook

Adjacent to Route 0014 at MP 4.44 on Left

Route	Public / NonPublic	Date Visited	Area (sq ft)	Lane Miles *	Surface Type	Condition / PCR
0905	Public	7/23/2002	12552	0.22	AS	GOOD / 90

* Lane miles are based on 11' lane widths



Crater Lake National Park
Route 0906

Glacial Valleys

Adjacent to Route 0014 at MP 5.7 on Right

Route	Public / NonPublic	Date Visited	Area (sq ft)	Lane Miles *	Surface Type	Condition / PCR
0906	Public	7/23/2002	20582	0.35	AS	GOOD / 90

* Lane miles are based on 11' lane widths

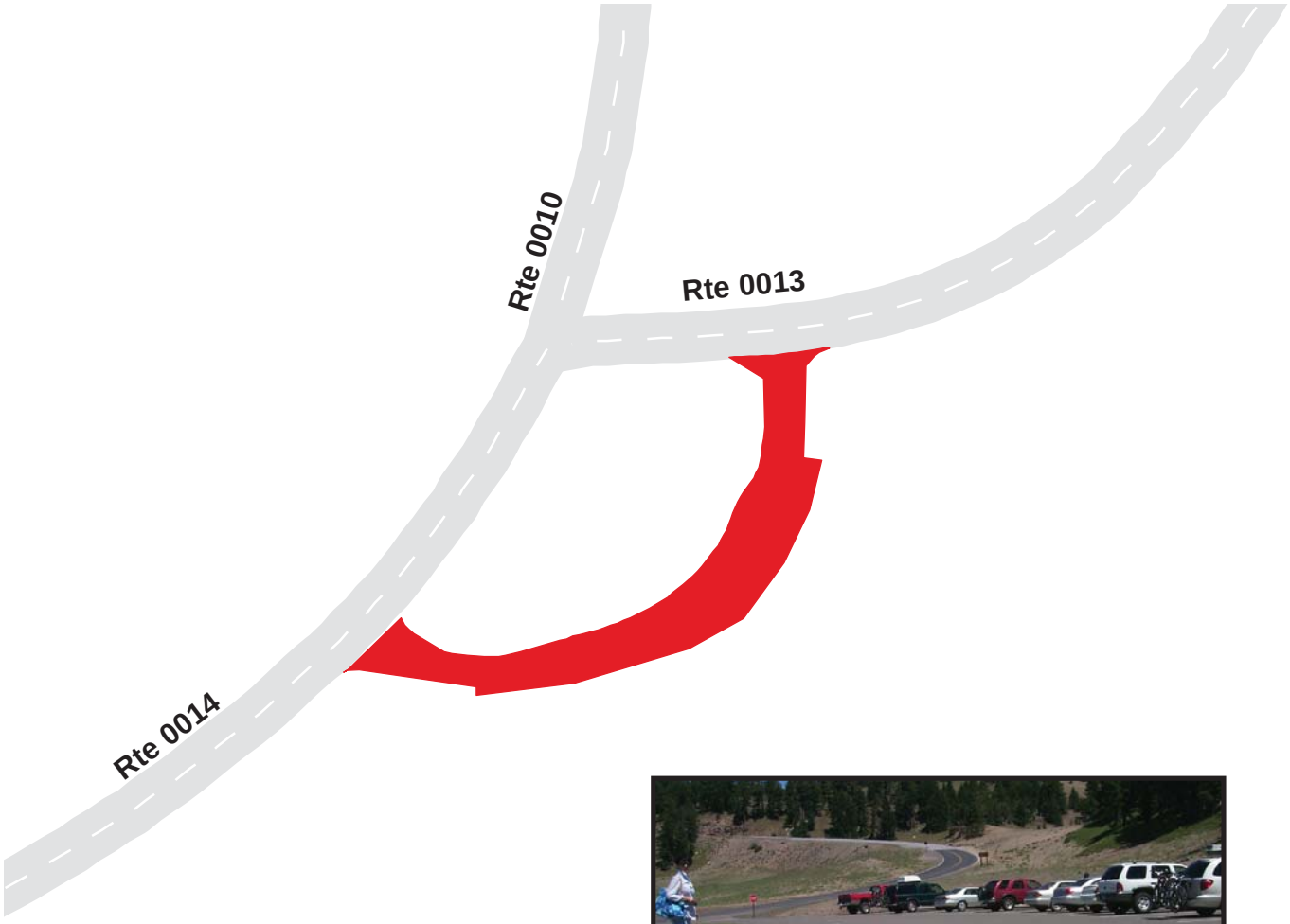
200 100 0 200
Feet

N

Crater Lake National Park
Route 0907
North Junction Parking
From Route 0014 at MP 5.83 on Right

Route	Public / NonPublic	Date Visited	Area (sq ft)	Lane Miles *	Surface Type	Condition / PCR
0907	Public	7/23/2002	23934	0.41	AS	GOOD / 90

* Lane miles are based on 11' lane widths



200 100 0 200
Feet

N

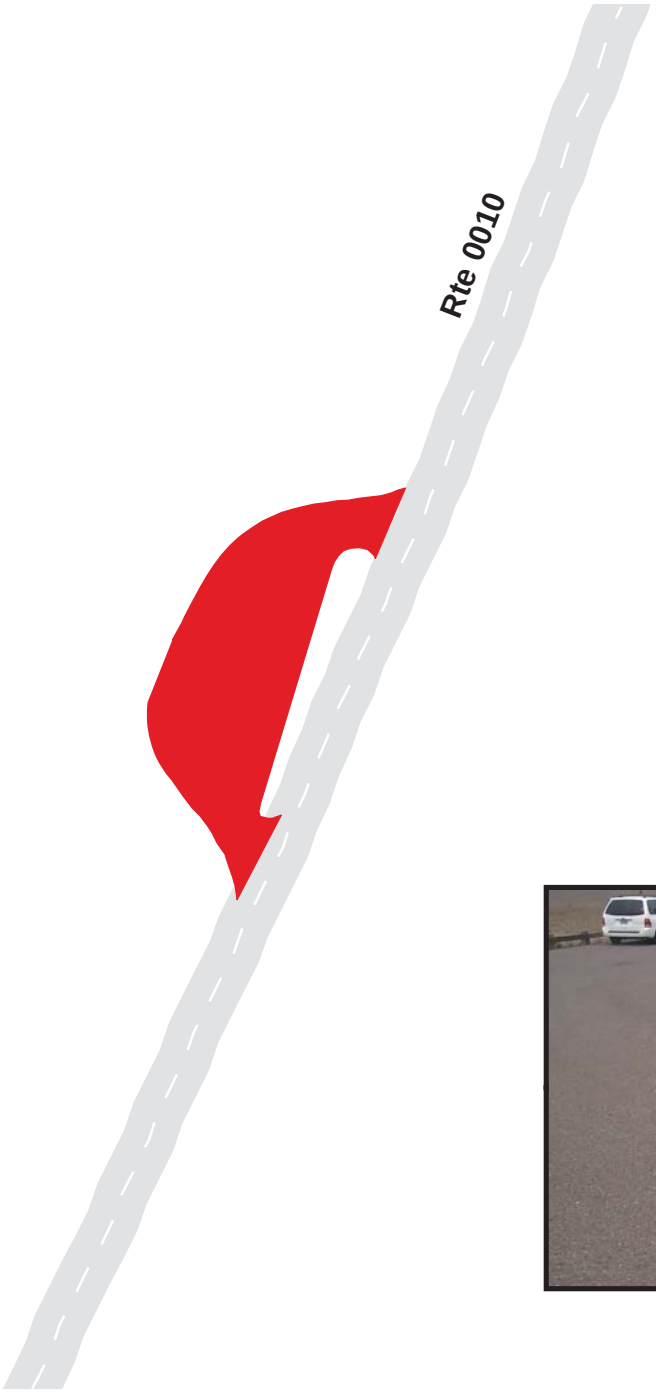
Crater Lake National Park
Route 0909

Pumice Desert

From Route 0010 at MP 4.86 on Left

Route	Public / NonPublic	Date Visited	Area (sq ft)	Lane Miles *	Surface Type	Condition / PCR
0909	Public	7/23/2002	11966	0.21	AS	GOOD / 90

* Lane miles are based on 11' lane widths



100 50 0 100 Feet

N

Crater Lake National Park
Route 0910

Pacific Crest Trail Pullout

Adjacent to Route 0011 at MP 6.9 on Left

Route	Public / NonPublic	Date Visited	Area (sq ft)	Lane Miles *	Surface Type	Condition / PCR
0910	Public	7/23/2002	2339	0.04	AS	FAIR / 73

* Lane miles are based on 11' lane widths

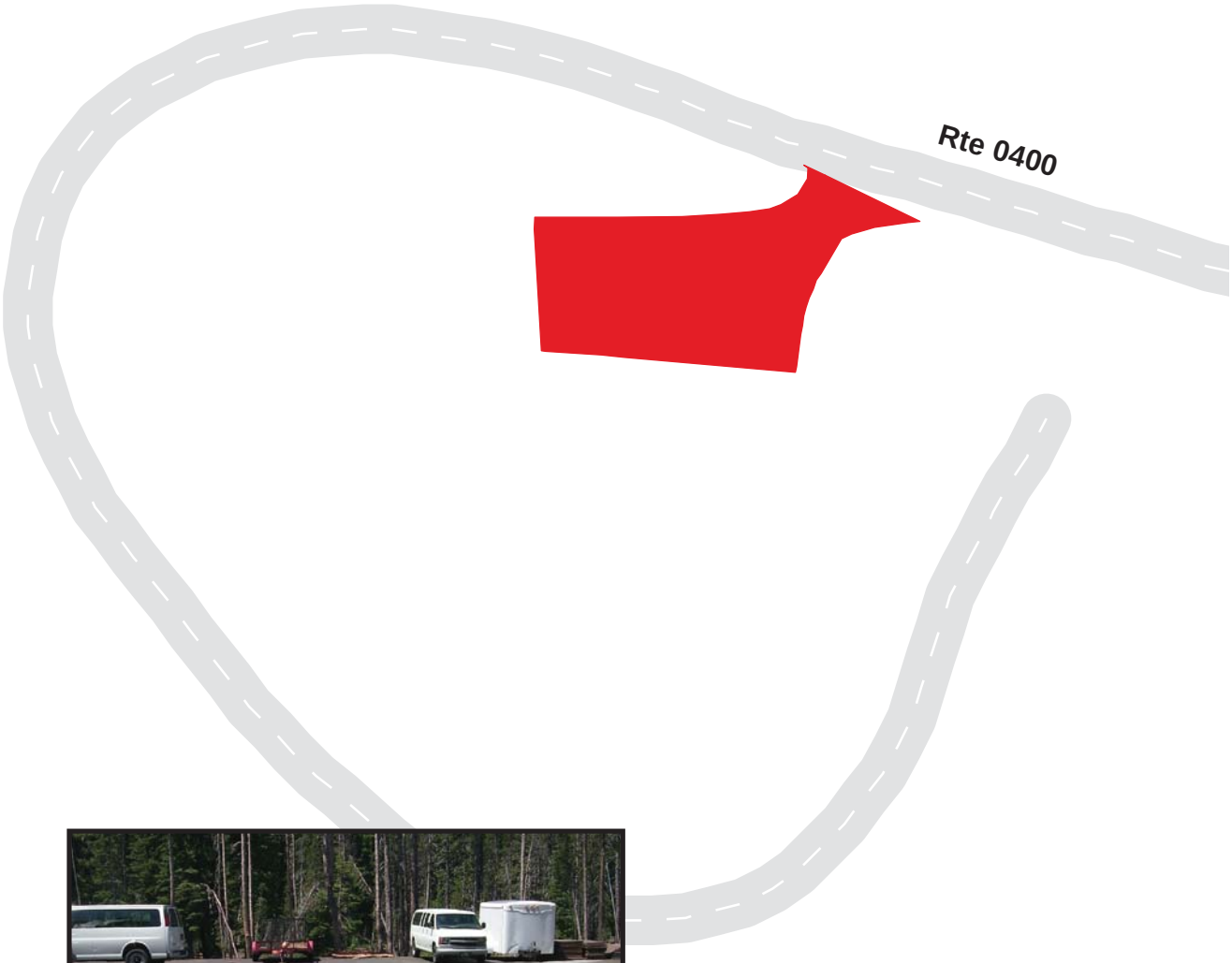
100 50 0 100 Feet

N

Crater Lake National Park
Route 0912
Dormitories Parking
Adjacent to Route 0400 at MP 0.15 on Left

Route	Public / NonPublic	Date Visited	Area (sq ft)	Lane Miles *	Surface Type	Condition / PCR
0912	NonPublic	7/23/2002	11042	0.19	AS	GOOD / 90

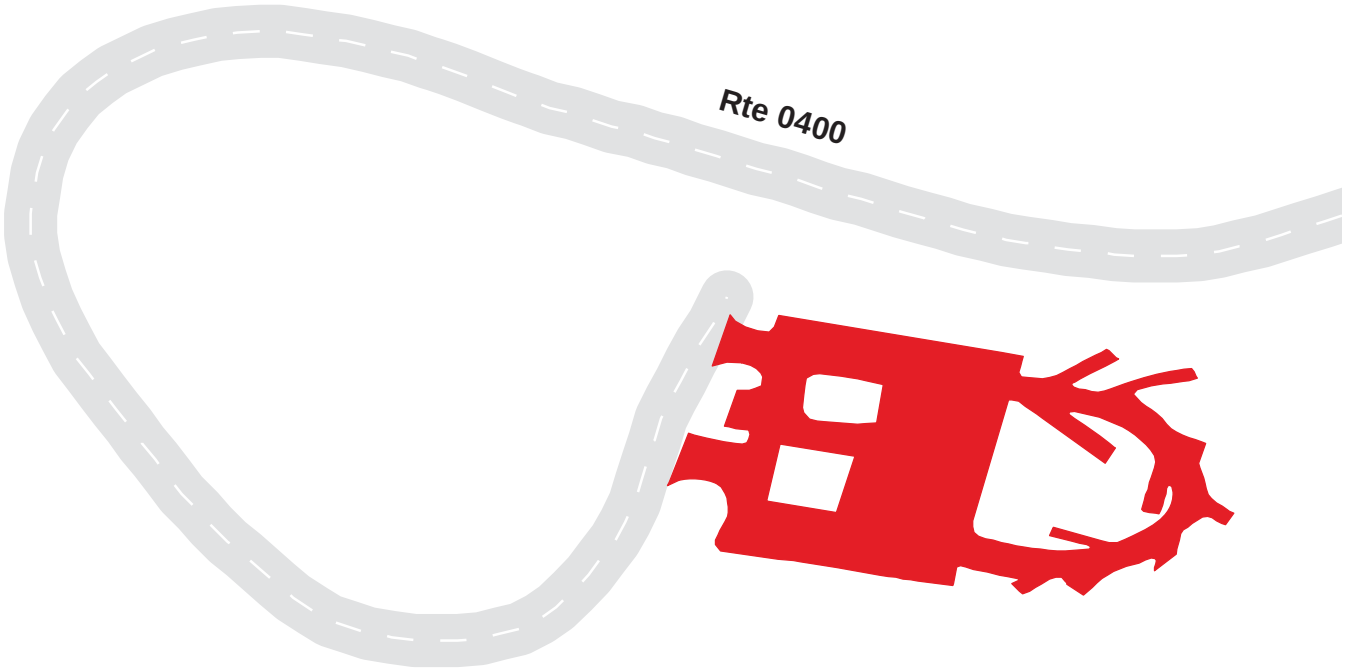
* Lane miles are based on 11' lane widths



Crater Lake National Park
Route 0913
Dormitories Parking
From Route 0400 at MP 0.37 on Right

Route	Public / NonPublic	Date Visited	Area (sq ft)	Lane Miles *	Surface Type	Condition / PCR
0913	NonPublic	7/23/2002	40373	0.70	AS	GOOD / 90

* Lane miles are based on 11' lane widths



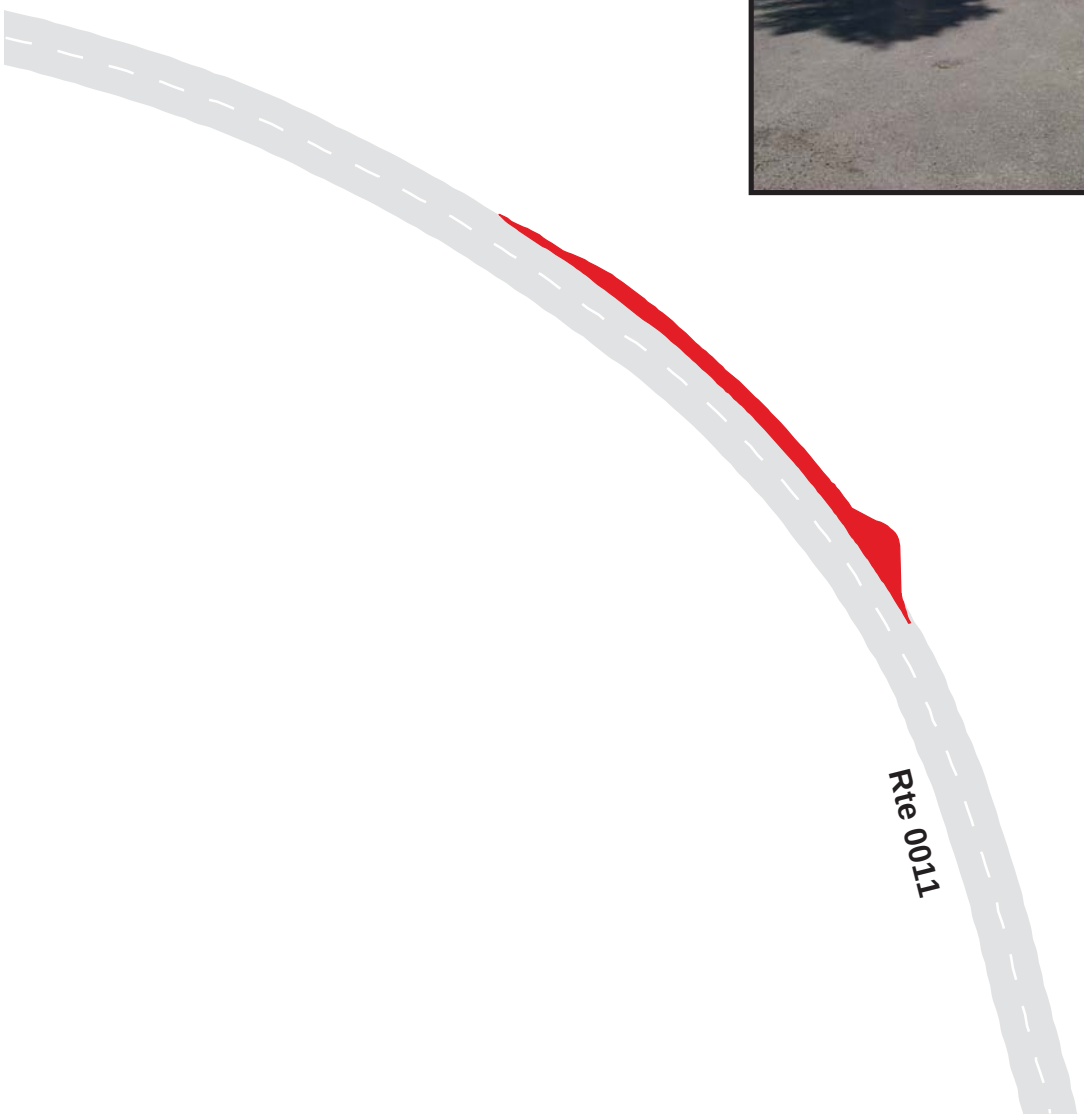
200 100 0 200
Feet

N

Crater Lake National Park
Route 0914
Fossil Fumaroles
Adjacent to Route 0011 at MP 8.8 on Left

Route	Public / NonPublic	Date Visited	Area (sq ft)	Lane Miles *	Surface Type	Condition / PCR
0914	Public	7/23/2002	15680	0.27	AS	GOOD / 90

* Lane miles are based on 11' lane widths



400 200 0 400
Feet

N

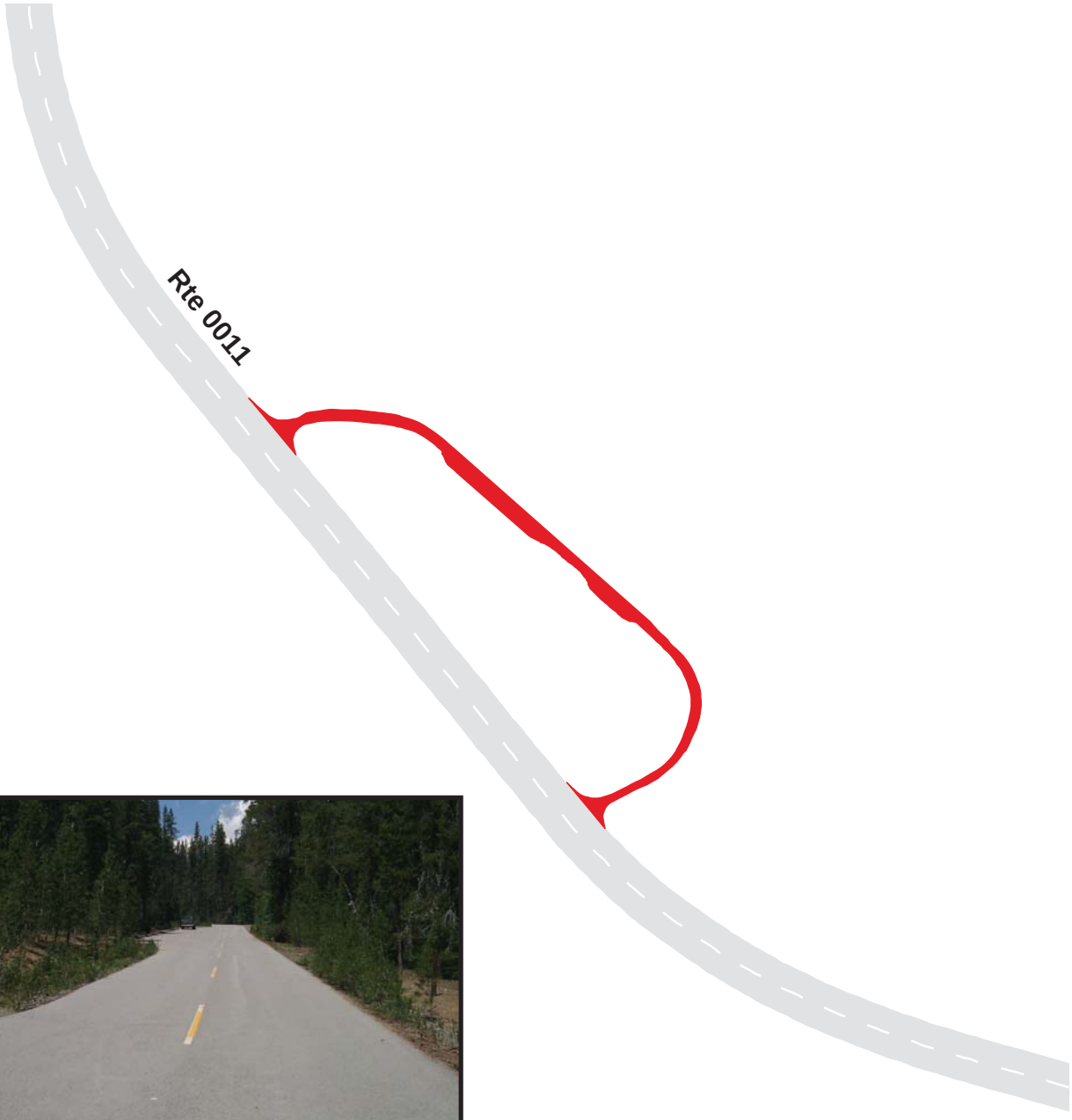
Crater Lake National Park
Route 0915

Lodge Pole Picnic Area

From Route 0011 at MP 10.18 on Left

Route	Public / NonPublic	Date Visited	Area (sq ft)	Lane Miles *	Surface Type	Condition / PCR
0915	Public	7/23/2002	42062	0.72	AS	FAIR / 73

* Lane miles are based on 11' lane widths



600 300 0 600 Feet

N

Crater Lake National Park
Route 0916

Annie Falls Picnic Area

From Route 0011 at MP 12.4 on Left

Route	Public / NonPublic	Date Visited	Area (sq ft)	Lane Miles *	Surface Type	Condition / PCR
0916	Public	7/23/2002	37029	0.64	AS	FAIR / 73

* Lane miles are based on 11' lane widths

600 300 0 600 Feet

N

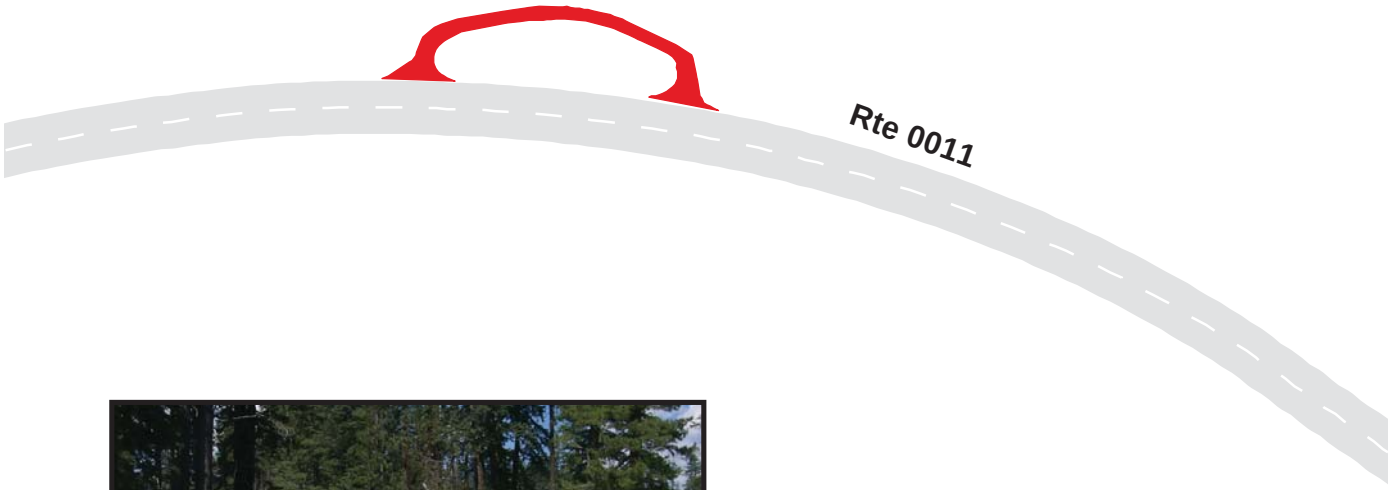
Crater Lake National Park
Route 0917

Picnic Area

From Route 0011 at MP 13.22 on Left

Route	Public / NonPublic	Date Visited	Area (sq ft)	Lane Miles *	Surface Type	Condition / PCR
0917	Public	7/23/2002	9743	0.17	AS	GOOD / 90

* Lane miles are based on 11' lane widths



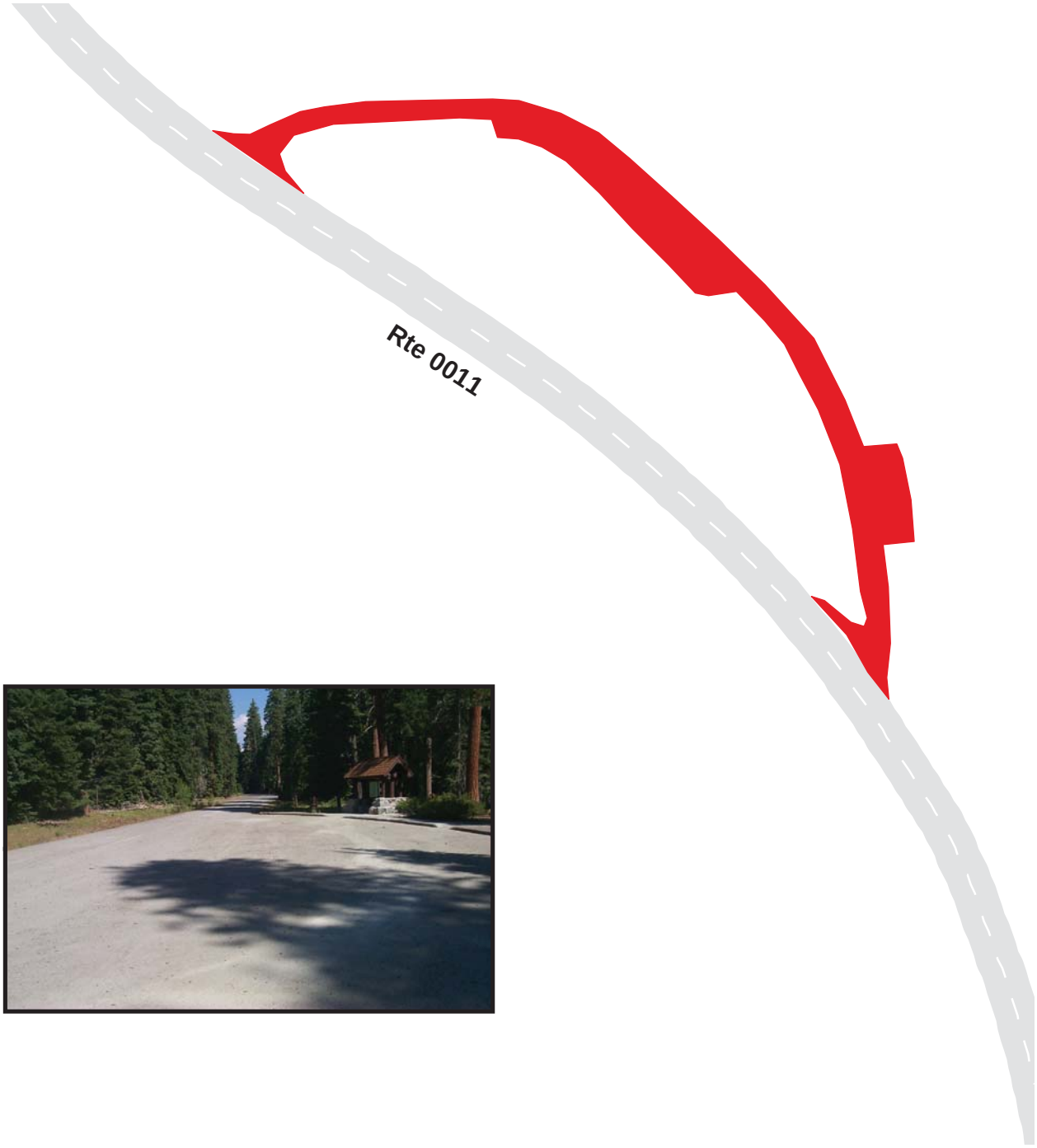
300 150 0 300
Feet

N

Crater Lake National Park
Route 0918
Ponderosa Picnic Area
From Route 0011 at MP 16.8 on Left

Route	Public / NonPublic	Date Visited	Area (sq ft)	Lane Miles *	Surface Type	Condition / PCR
0918	Public	7/23/2002	88632	1.53	AS	FAIR / 73

* Lane miles are based on 11' lane widths



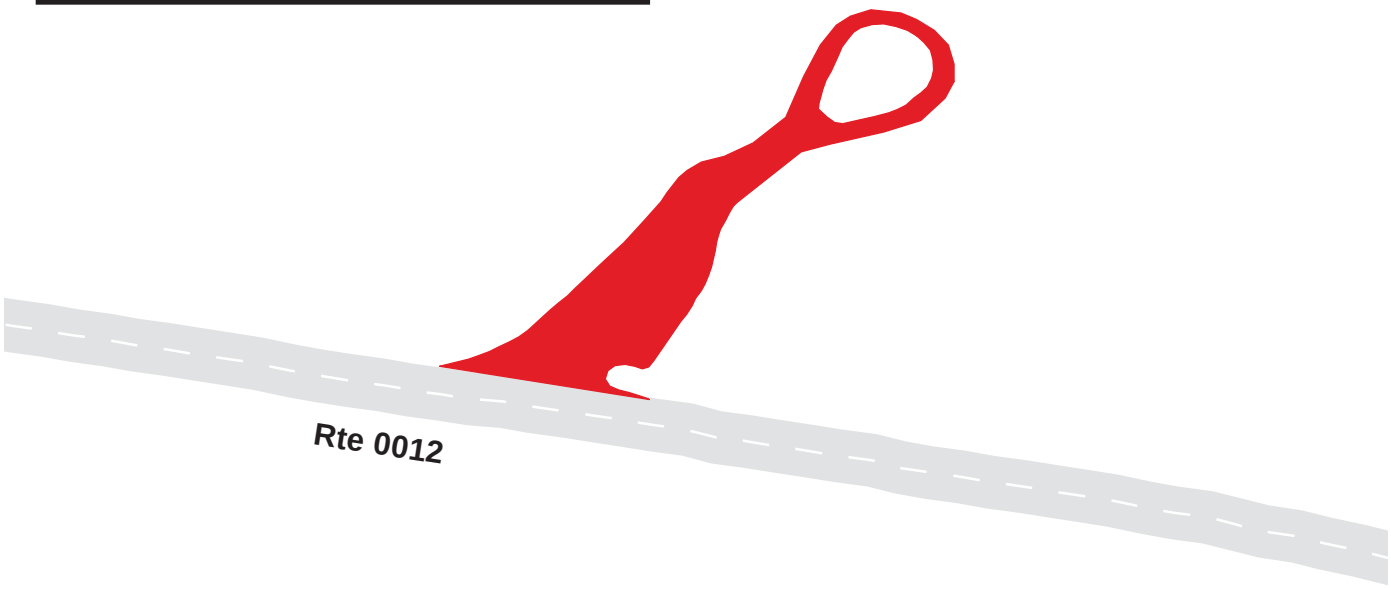
Crater Lake National Park
Route 0919

Goodbye Picnic Area

Adjacent to Route 0012 at MP 1.3 on Left

Route	Public / NonPublic	Date Visited	Area (sq ft)	Lane Miles *	Surface Type	Condition / PCR
0919	Public	7/23/2002	9182	0.16	AS	FAIR / 73

* Lane miles are based on 11' lane widths



100 50 0 100 Feet

N

Crater Lake National Park
Route 0920
Godfrey Glen Trail Parking
From Route 0012 at MP 1.66 on Right

Route	Public / NonPublic	Date Visited	Area (sq ft)	Lane Miles *	Surface Type	Condition / PCR
0920	Public	7/23/2002	22207	0.38	AS	FAIR / 73

* Lane miles are based on 11' lane widths

200 100 0 200
Feet

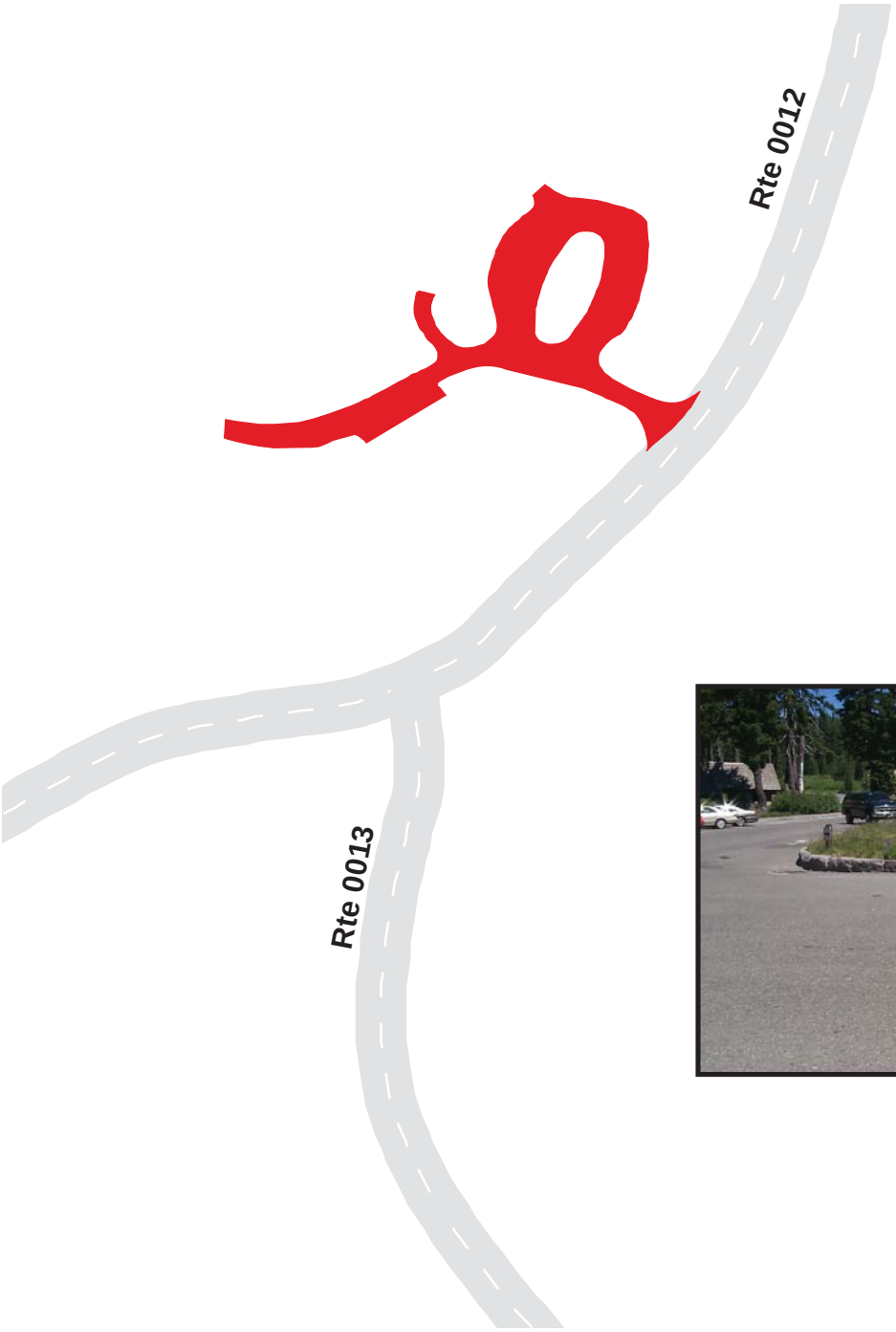
N

Crater Lake National Park
Route 0921

Headquarters Visitor Center Parking
Adjacent to Route 0012 at MP 3.97 on Left

Route	Public / NonPublic	Date Visited	Area (sq ft)	Lane Miles *	Surface Type	Condition / PCR
0921	Public	7/23/2002	34845	0.60	AS	GOOD / 90

* Lane miles are based on 11' lane widths



300 150 0 300
Feet

N

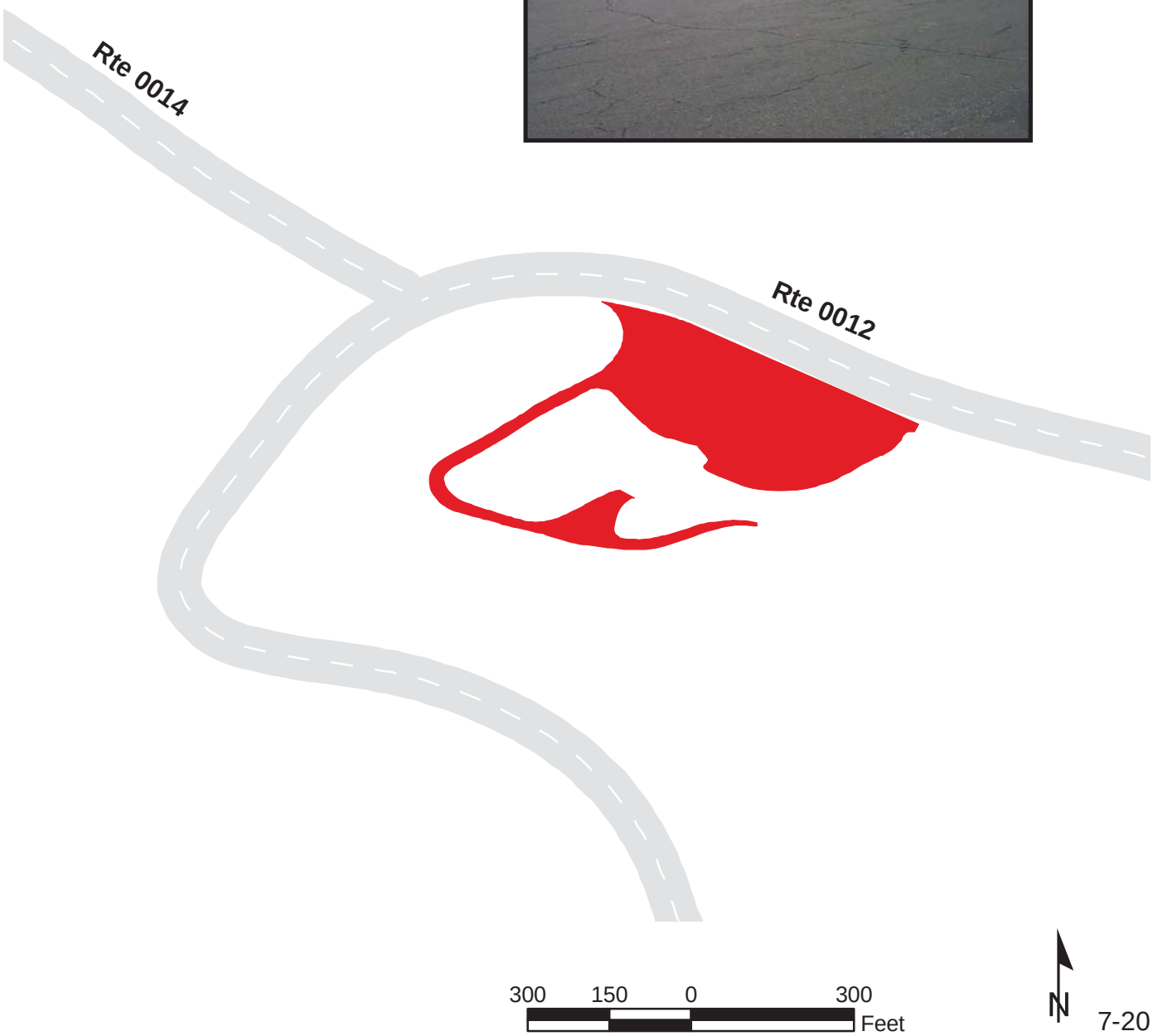
Crater Lake National Park
Route 0922

Cafeteria And Gift Shop Parking

Adjacent to Route 0012 at MP 6.8 on Right

Route	Public / NonPublic	Date Visited	Area (sq ft)	Lane Miles *	Surface Type	Condition / PCR
0922	Public	7/23/2002	94998	1.64	AS	FAIR / 73

* Lane miles are based on 11' lane widths

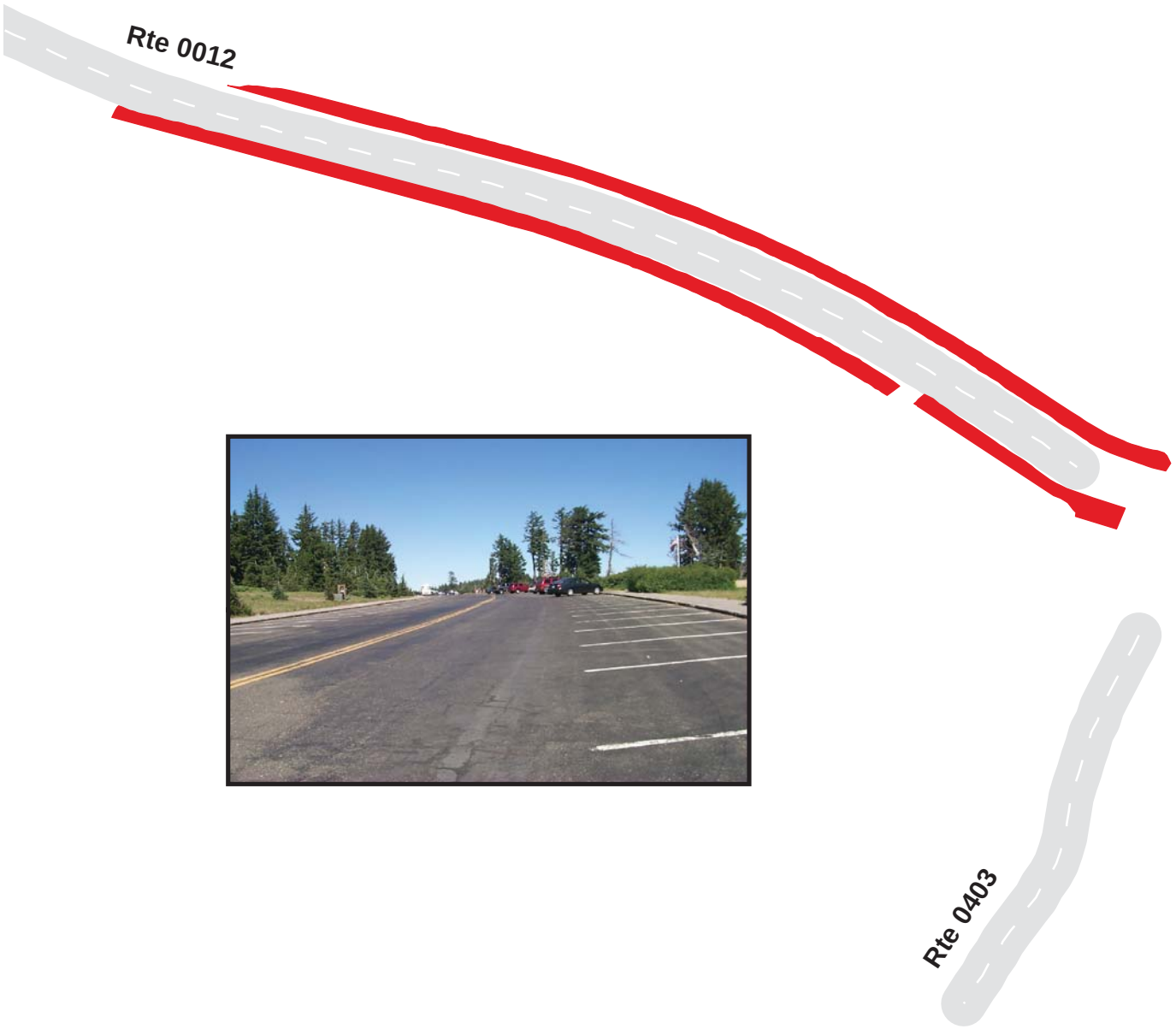


Crater Lake National Park
Route 0923

Visitor Center And Sinnott Overlook Parking
Adjacent to Route 0012 at MP 6.9 on left and right

Route	Public / NonPublic	Date Visited	Area (sq ft)	Lane Miles *	Surface Type	Condition / PCR
0923	Public	7/23/2002	38596	0.66	AS	GOOD / 90

* Lane miles are based on 11' lane widths

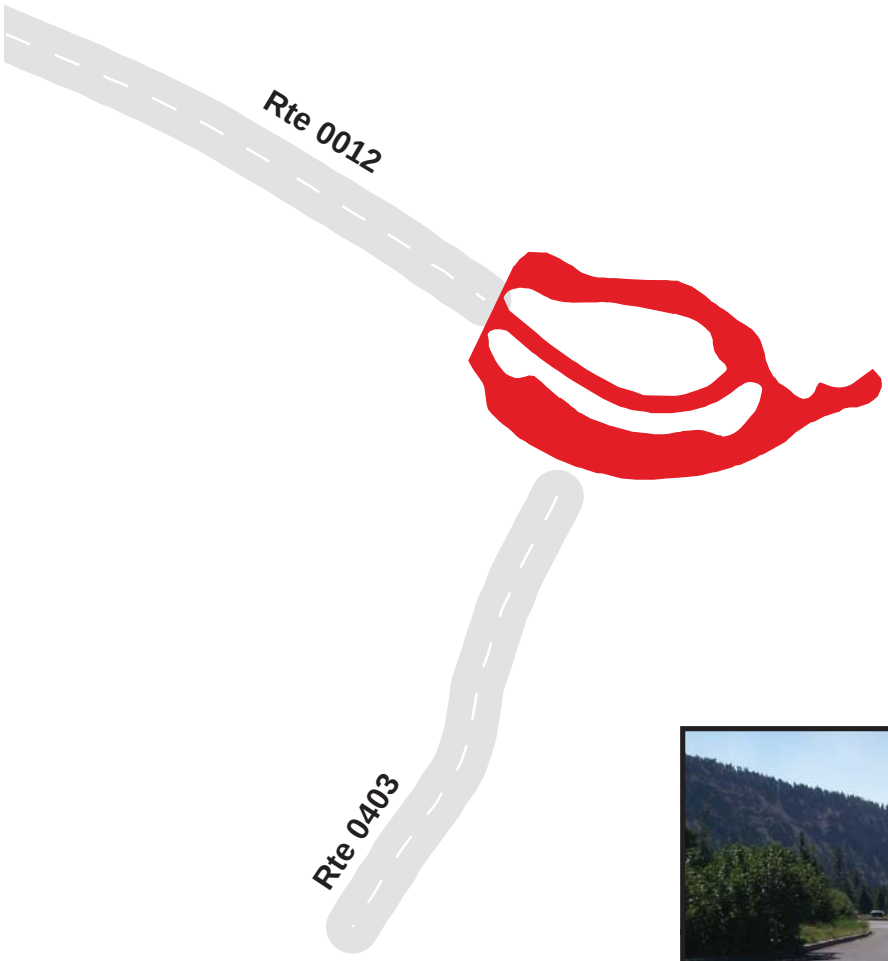


Crater Lake National Park
Route 0924

Crater Lake Lodge Parking
At End of Route 0012

Route	Public / NonPublic	Date Visited	Area (sq ft)	Lane Miles *	Surface Type	Condition / PCR
0924	Public	7/23/2002	31336	0.54	AS	GOOD / 90

* Lane miles are based on 11' lane widths



200 100 0 200
Feet

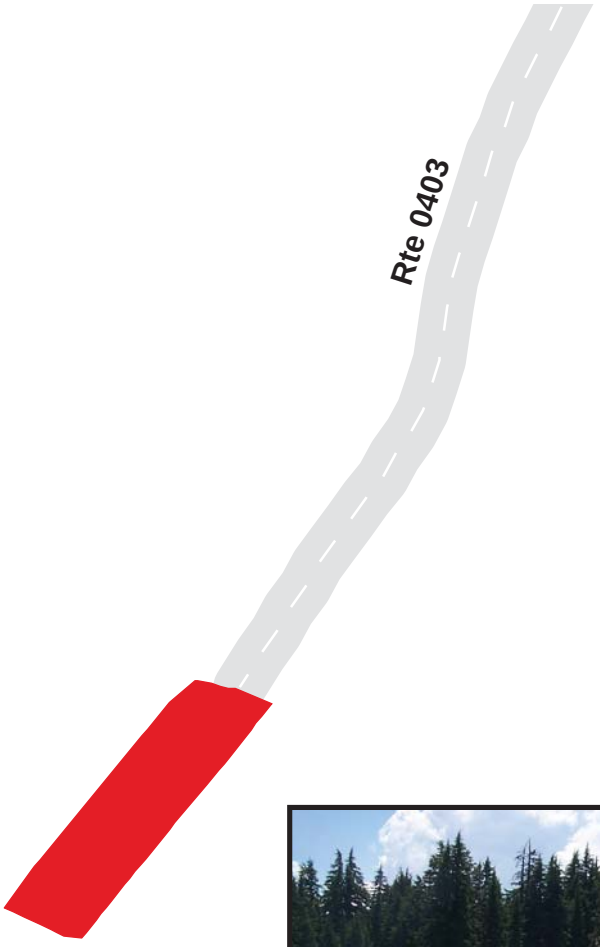
N

Crater Lake National Park
Route 0925

Crator Lake Lodge Residence Parking
At End of Route 0403

Route	Public / NonPublic	Date Visited	Area (sq ft)	Lane Miles *	Surface Type	Condition / PCR
0925	NonPublic	7/23/2002	8356	0.14	AS	FAIR / 73

* Lane miles are based on 11' lane widths



100 50 0 100
Feet

N

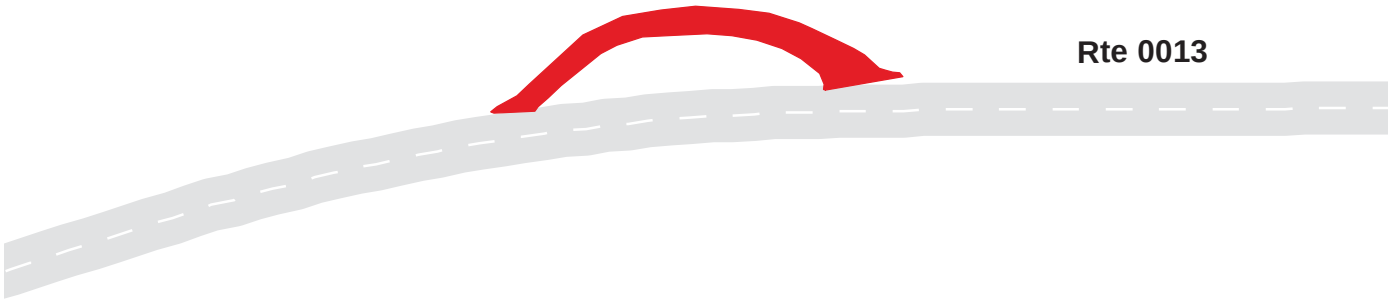
Crater Lake National Park
Route 0926

Pumice Point Picnic Area

From Route 0013 at MP 3.61 on Left

Route	Public / NonPublic	Date Visited	Area (sq ft)	Lane Miles *	Surface Type	Condition / PCR
0926	Public	7/22/2002	6178	0.11	AS	POOR / 45

* Lane miles are based on 11' lane widths



Crater Lake National Park
Route 0927
Cleetwood Trail Parking
From Route 0013 at MP 4.5 on Left

Route	Public / NonPublic	Date Visited	Area (sq ft)	Lane Miles *	Surface Type	Condition / PCR
0927	Public	7/23/2002	40781	0.70	AS	POOR / 45

* Lane miles are based on 11' lane widths

300 150 0 300
Feet

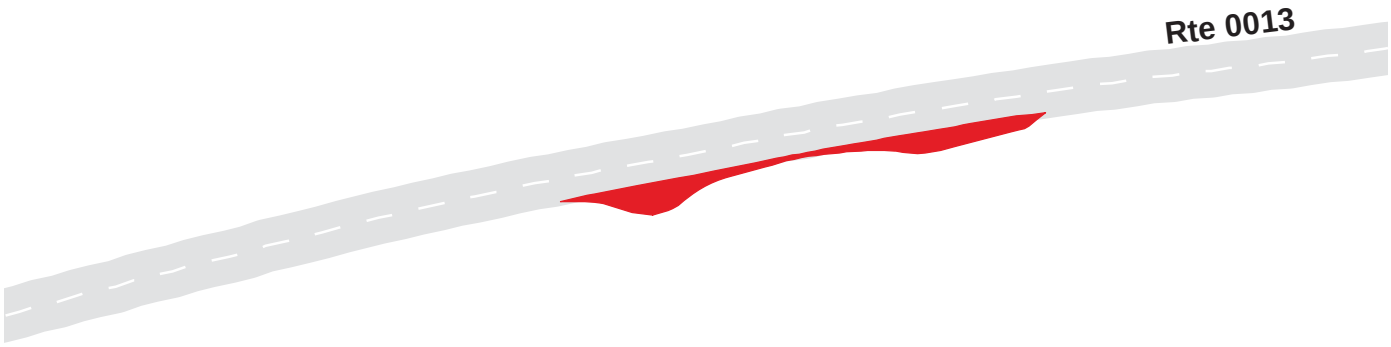
N

Crater Lake National Park
Route 0928

The Cleetwood Flow Parking
Adjacent to Route 0013 at MP 4.7 on Right

Route	Public / NonPublic	Date Visited	Area (sq ft)	Lane Miles *	Surface Type	Condition / PCR
0928	Public	7/23/2002	4210	0.07	AS	FAIR / 73

* Lane miles are based on 11' lane widths



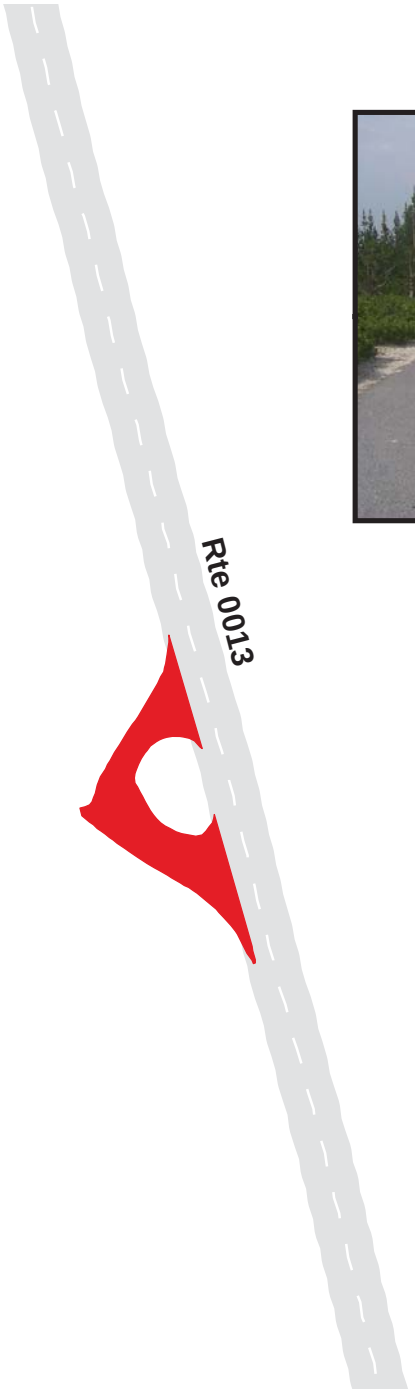
Crater Lake National Park
Route 0929

Lower Skell Overlook

From Route 0013 at MP 7.81 on Right

Route	Public / NonPublic	Date Visited	Area (sq ft)	Lane Miles *	Surface Type	Condition / PCR
0929	Public	7/23/2002	14228	0.24	AS	FAIR / 73

* Lane miles are based on 11' lane widths



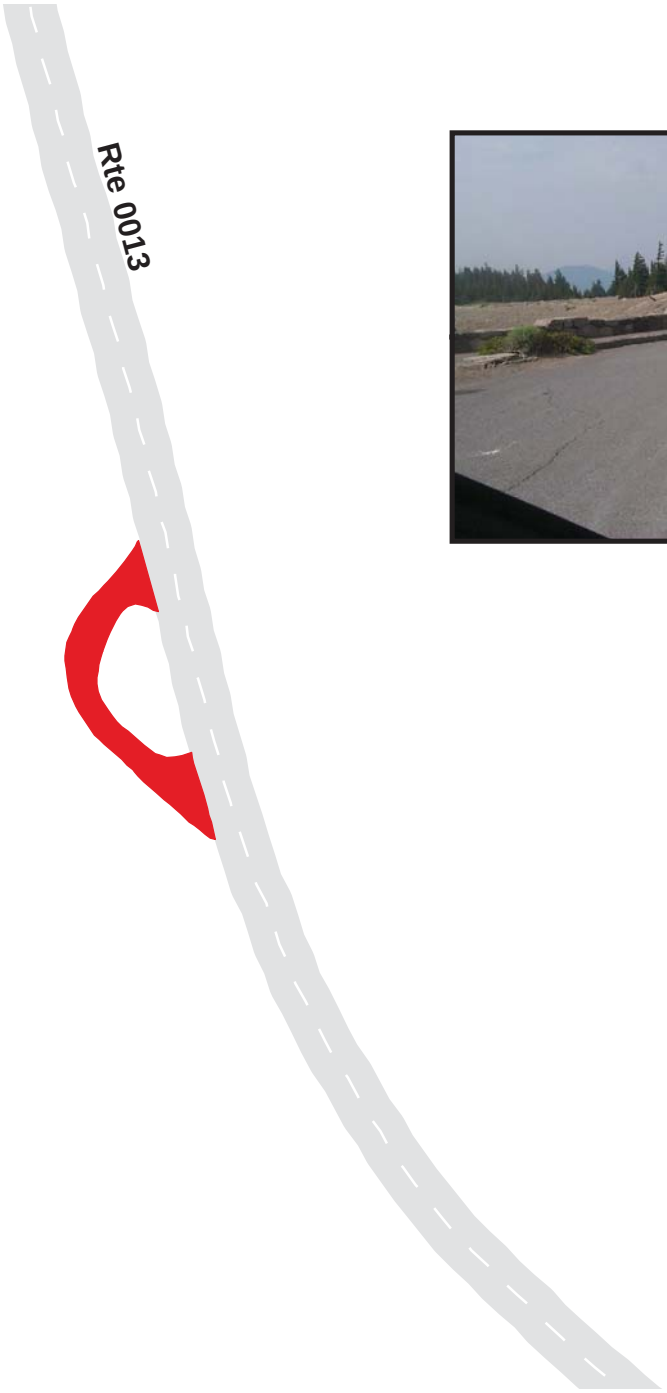
200 100 0 200 Feet

N

Crater Lake National Park
Route 0930
Overlook Parking
From Route 0013 at MP 7.92 on Right

Route	Public / NonPublic	Date Visited	Area (sq ft)	Lane Miles *	Surface Type	Condition / PCR
0930	Public	7/23/2002	5856	0.10	AS	FAIR / 73

* Lane miles are based on 11' lane widths



200 100 0 200
Feet

N

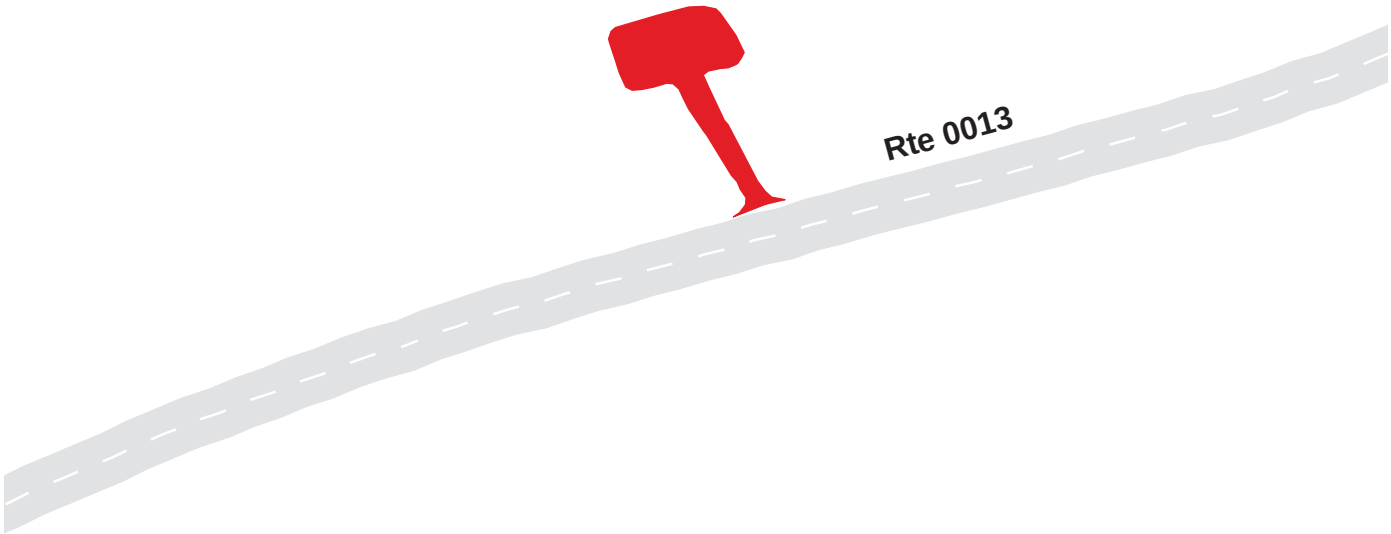
Crater Lake National Park
Route 0931

Skell Head Picnic Area

Adjacent to Route 0013 at MP 8.42 on Right

Route	Public / NonPublic	Date Visited	Area (sq ft)	Lane Miles *	Surface Type	Condition / PCR
0931	Public	7/23/2002	3481	0.06	AS	POOR / 45

* Lane miles are based on 11' lane widths



100 50 0 100 Feet

N

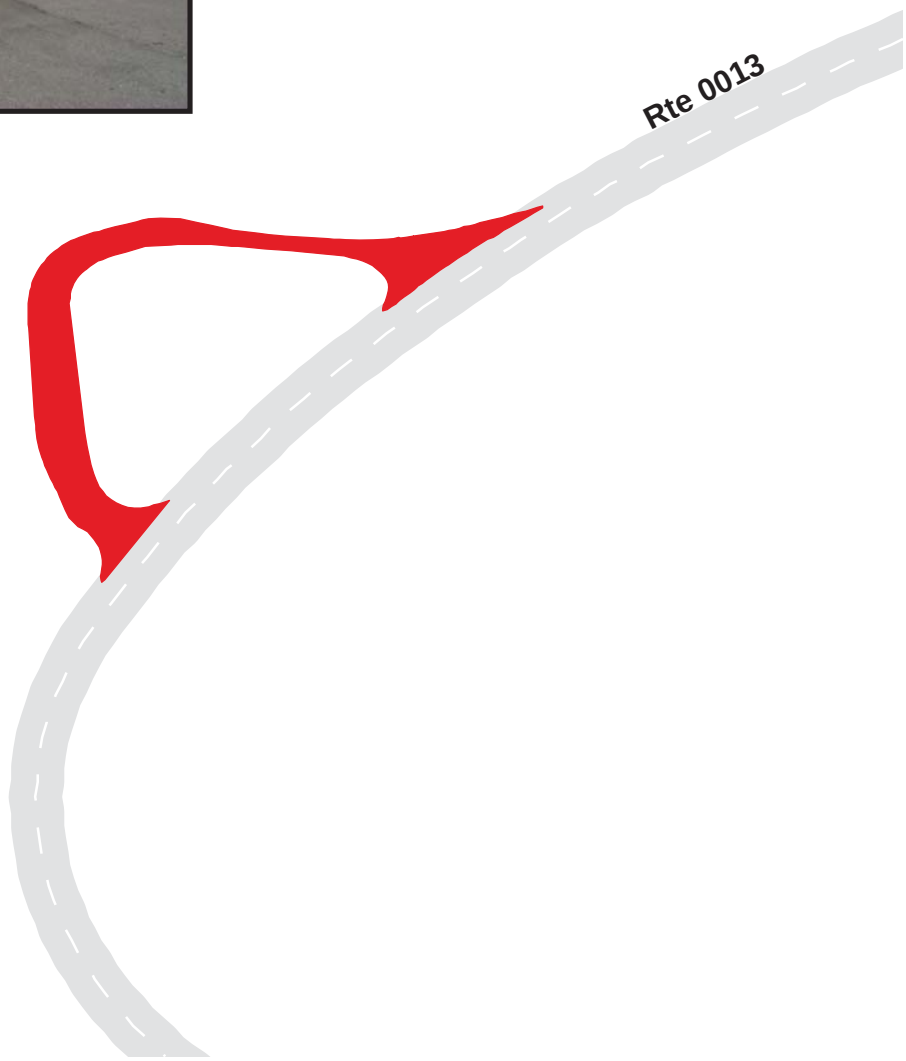
Crater Lake National Park
Route 0932

Skell Head Overlook

From Route 0013 at MP 8.58 on Right

Route	Public / NonPublic	Date Visited	Area (sq ft)	Lane Miles *	Surface Type	Condition / PCR
0932	Public	7/23/2002	28812	0.50	AS	FAIR / 73

* Lane miles are based on 11' lane widths



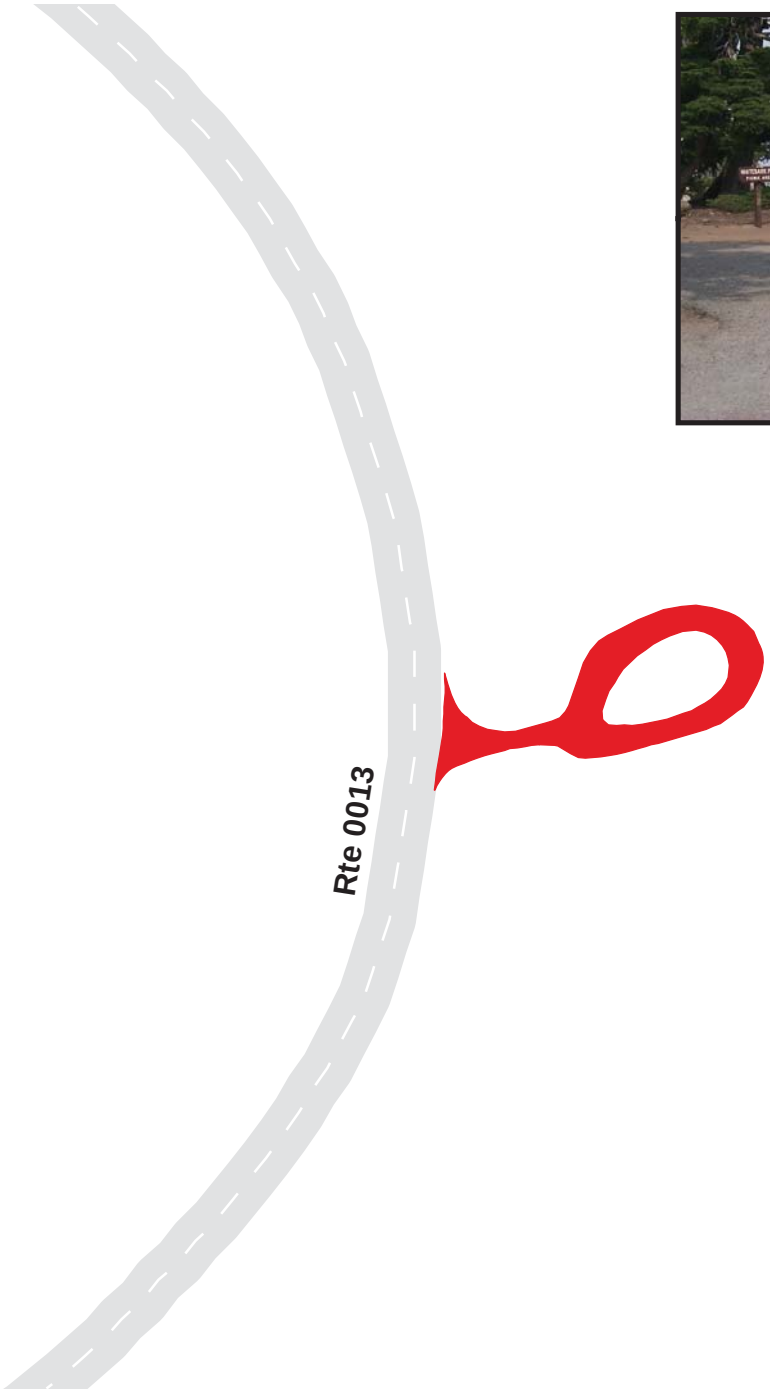
Crater Lake National Park
Route 0933

Whitebark Picnic Area

Adjacent to Route 0013 at MP 10.80 on Left

Route	Public / NonPublic	Date Visited	Area (sq ft)	Lane Miles *	Surface Type	Condition / PCR
0933	Public	7/23/2002	5858	0.10	AS	POOR / 45

* Lane miles are based on 11' lane widths



100 50 0 100 Feet

N

Crater Lake National Park
Route 0934

Mount Scott Trail Parking
Adjacent to Route 0013 at MP 10.92 on Left

Route	Public / NonPublic	Date Visited	Area (sq ft)	Lane Miles *	Surface Type	Condition / PCR
0934	Public	7/23/2002	10357	0.18	AS	FAIR / 73

* Lane miles are based on 11' lane widths

100 50 0 100 200
Feet

N

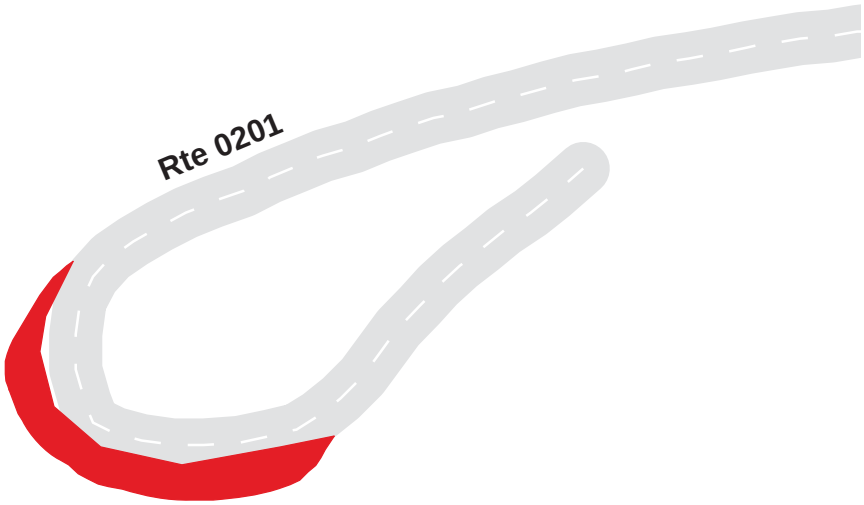
Crater Lake National Park
Route 0935

Cloudcap Overlook

Adjacent to Route 0201 at end loop

Route	Public / NonPublic	Date Visited	Area (sq ft)	Lane Miles *	Surface Type	Condition / PCR
0935	Public	7/23/2002	4531	0.08	AS	FAIR / 73

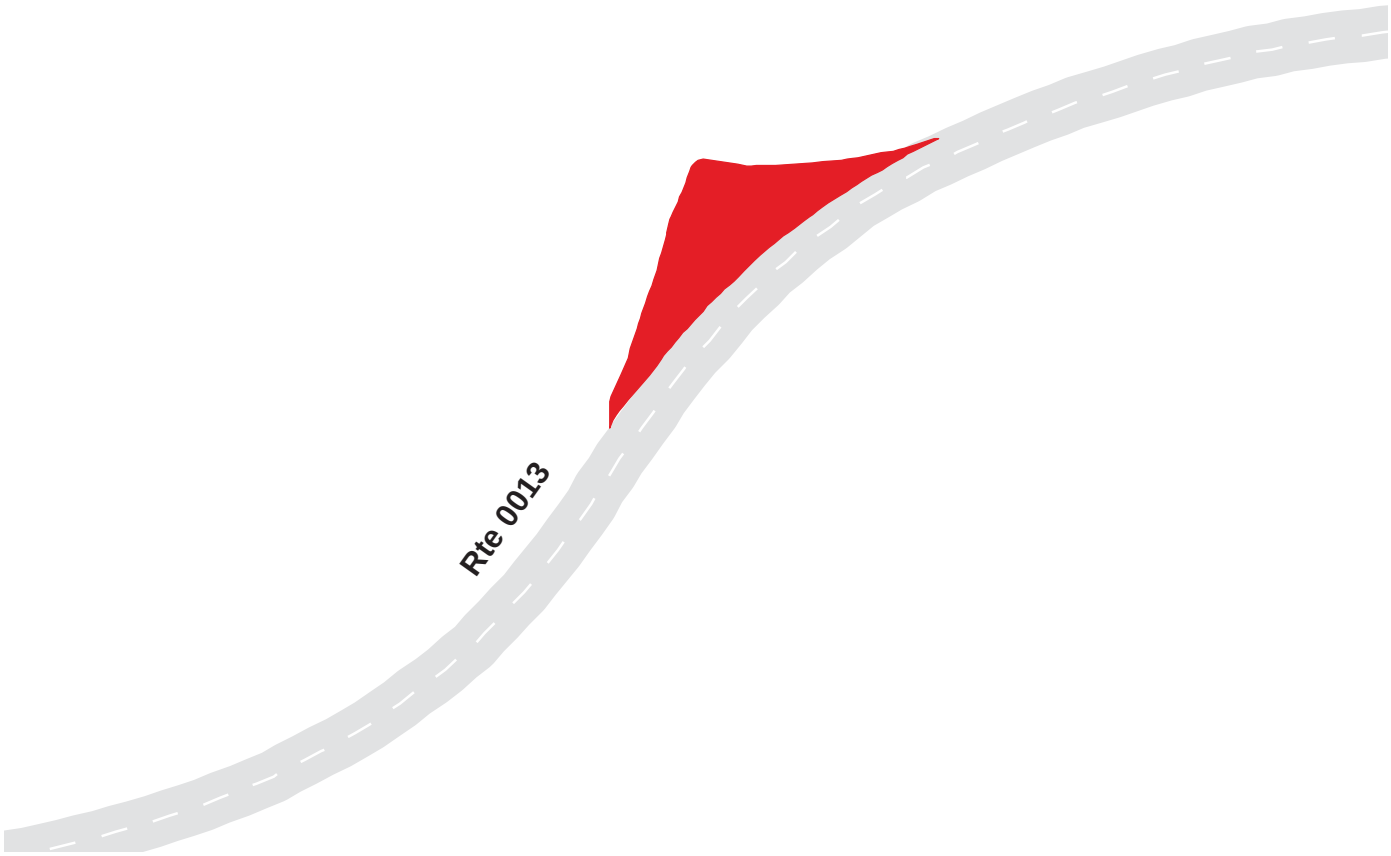
* Lane miles are based on 11' lane widths



Crater Lake National Park
Route 0936
Pumice Castle
Adjacent to Route 0013 at MP 12.34 on Right

Route	Public / NonPublic	Date Visited	Area (sq ft)	Lane Miles *	Surface Type	Condition / PCR
0936	Public	7/23/2002	15842	0.27	AS	GOOD / 90

* Lane miles are based on 11' lane widths



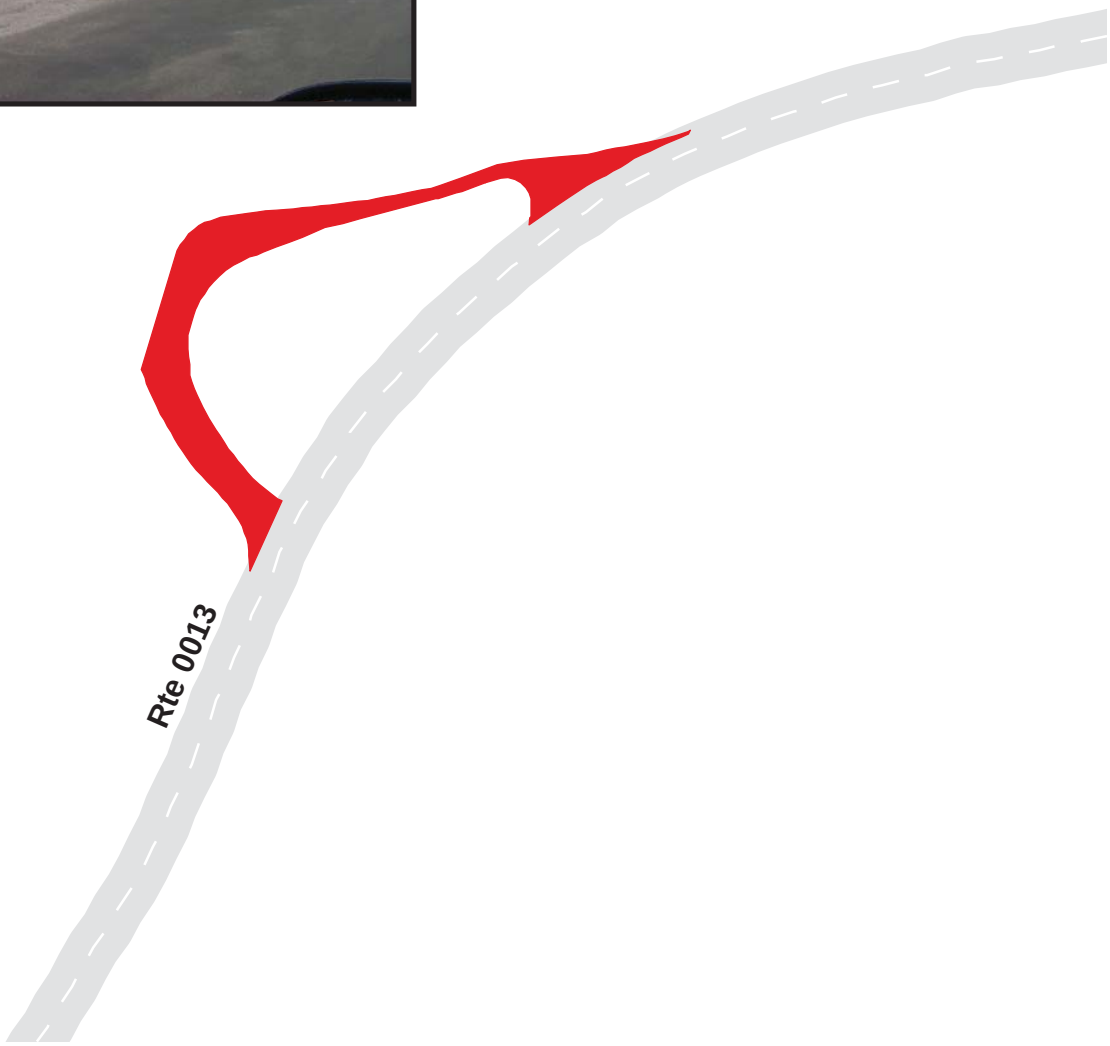
Crater Lake National Park
Route 0937

Castle Rock Overlook

From Route 0013 at MP 12.55 on Right

Route	Public / NonPublic	Date Visited	Area (sq ft)	Lane Miles *	Surface Type	Condition / PCR
0937	Public	7/23/2002	11572	0.20	NC	FAIR / 73

* Lane miles are based on 11' lane widths



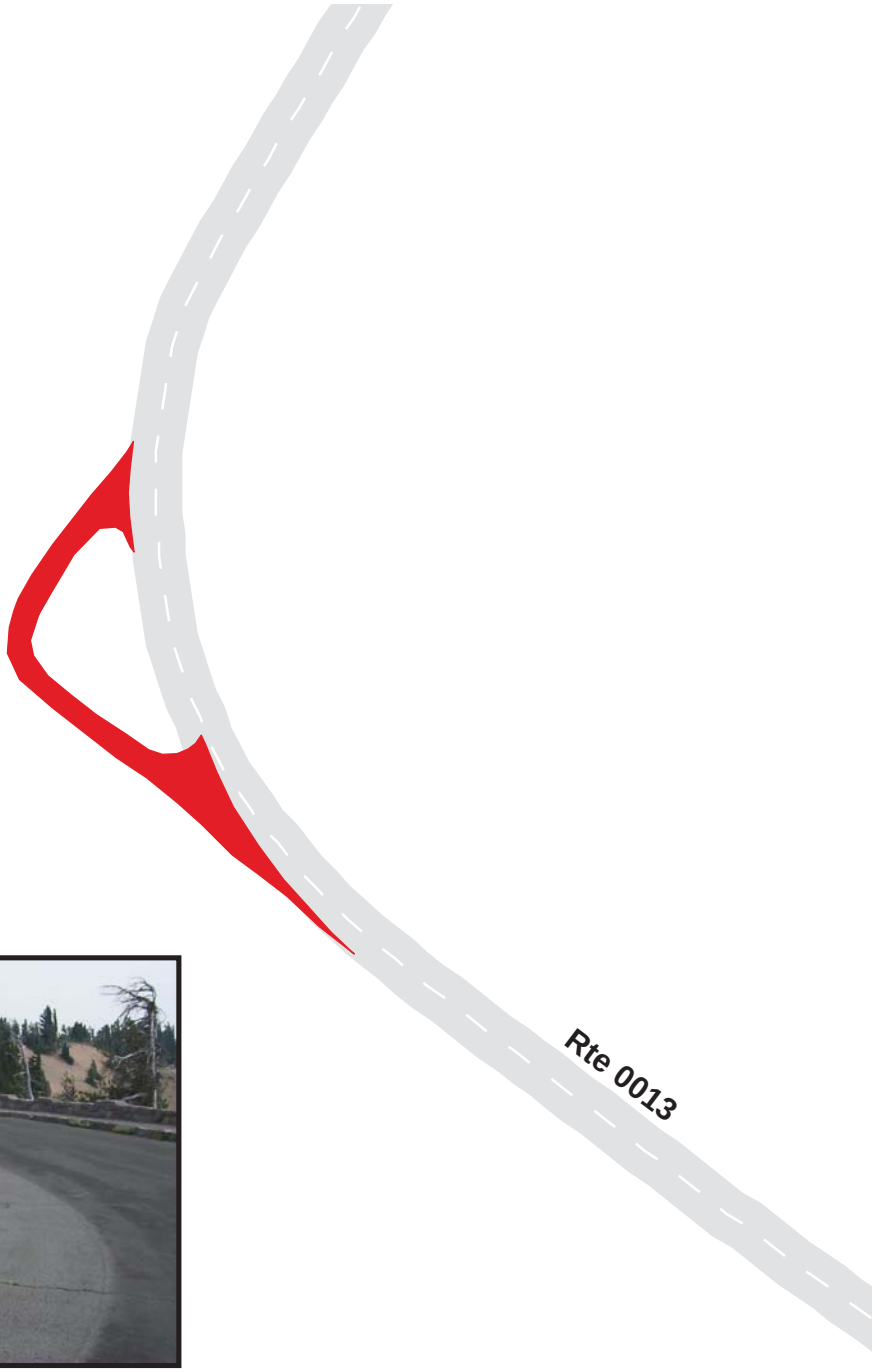
200 100 0 200 Feet

N

Crater Lake National Park
Route 0938
Sentinnel Point Overlook
From Route 0013 at MP 12.77 on Right

Route	Public / NonPublic	Date Visited	Area (sq ft)	Lane Miles *	Surface Type	Condition / PCR
0938	Public	7/23/2002	9517	0.16	NC	POOR / 45

* Lane miles are based on 11' lane widths



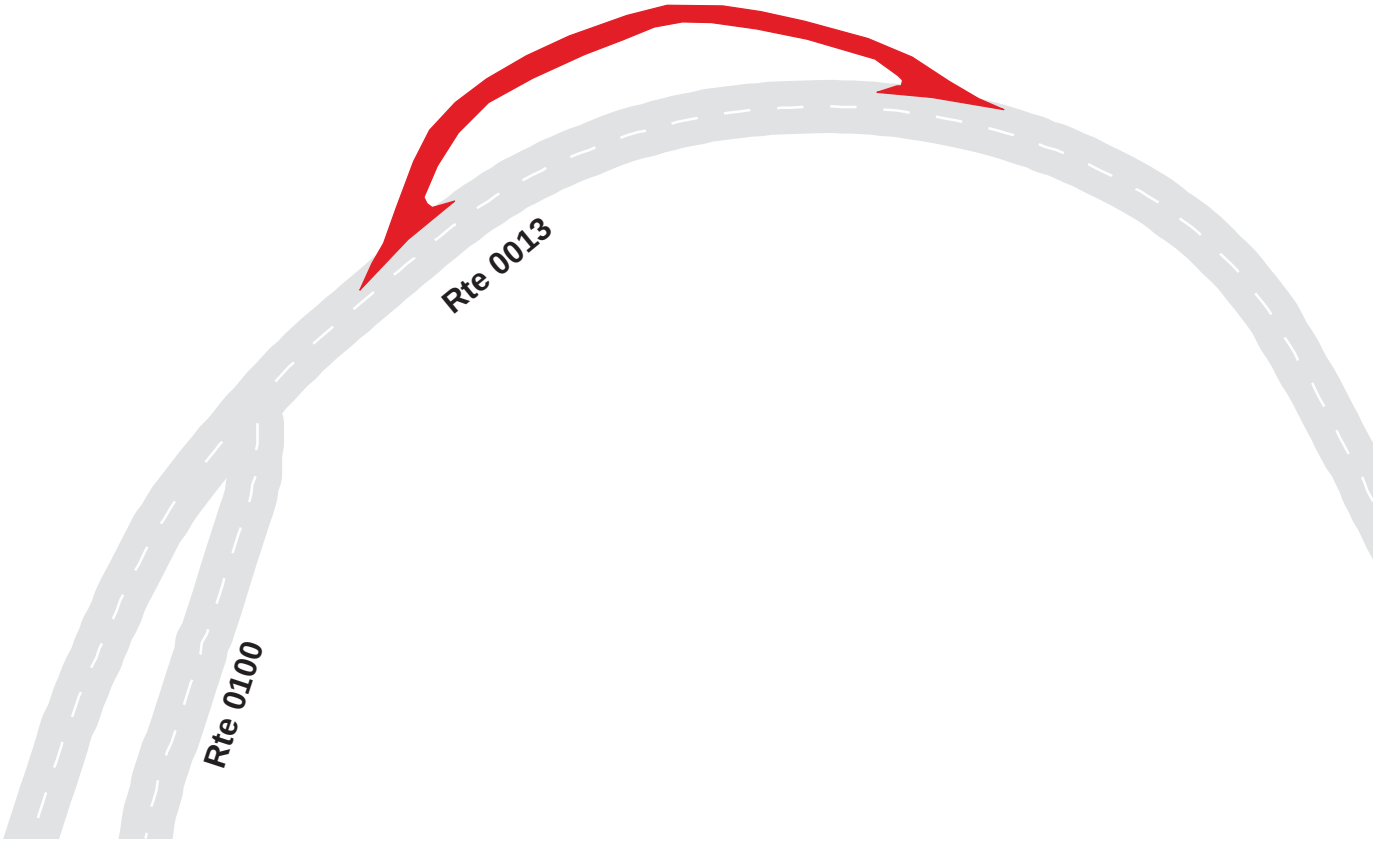
200 100 0 200
Feet

N

Crater Lake National Park
Route 0939
Phantom Ship Overlook
From Route 0013 at MP 14.7 on Right

Route	Public / NonPublic	Date Visited	Area (sq ft)	Lane Miles *	Surface Type	Condition / PCR
0939	Public	7/23/2002	35975	0.62	NC	GOOD / 90

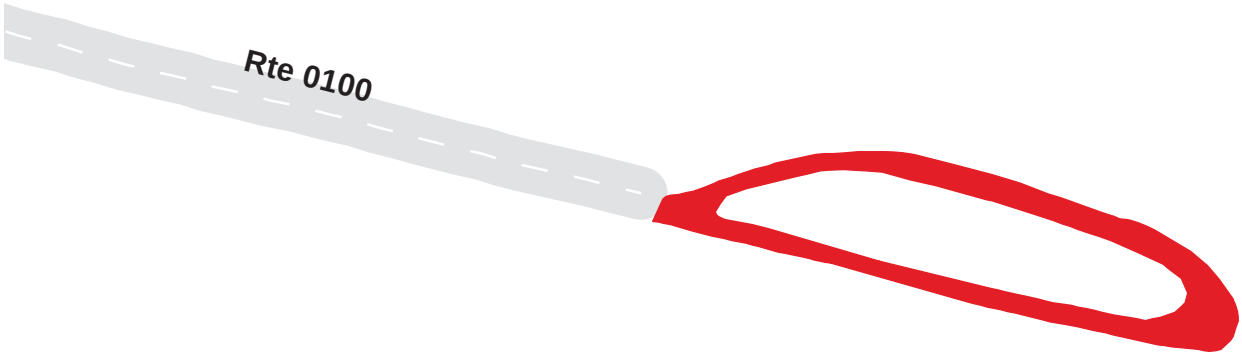
* Lane miles are based on 11' lane widths



Crater Lake National Park
Route 0940
The Pinnacles Overlook
At End of Route 0100

Route	Public / NonPublic	Date Visited	Area (sq ft)	Lane Miles *	Surface Type	Condition / PCR
0940	Public	7/23/2002	13669	0.24	AS	POOR / 45

* Lane miles are based on 11' lane widths



200 100 0 200
Feet

N

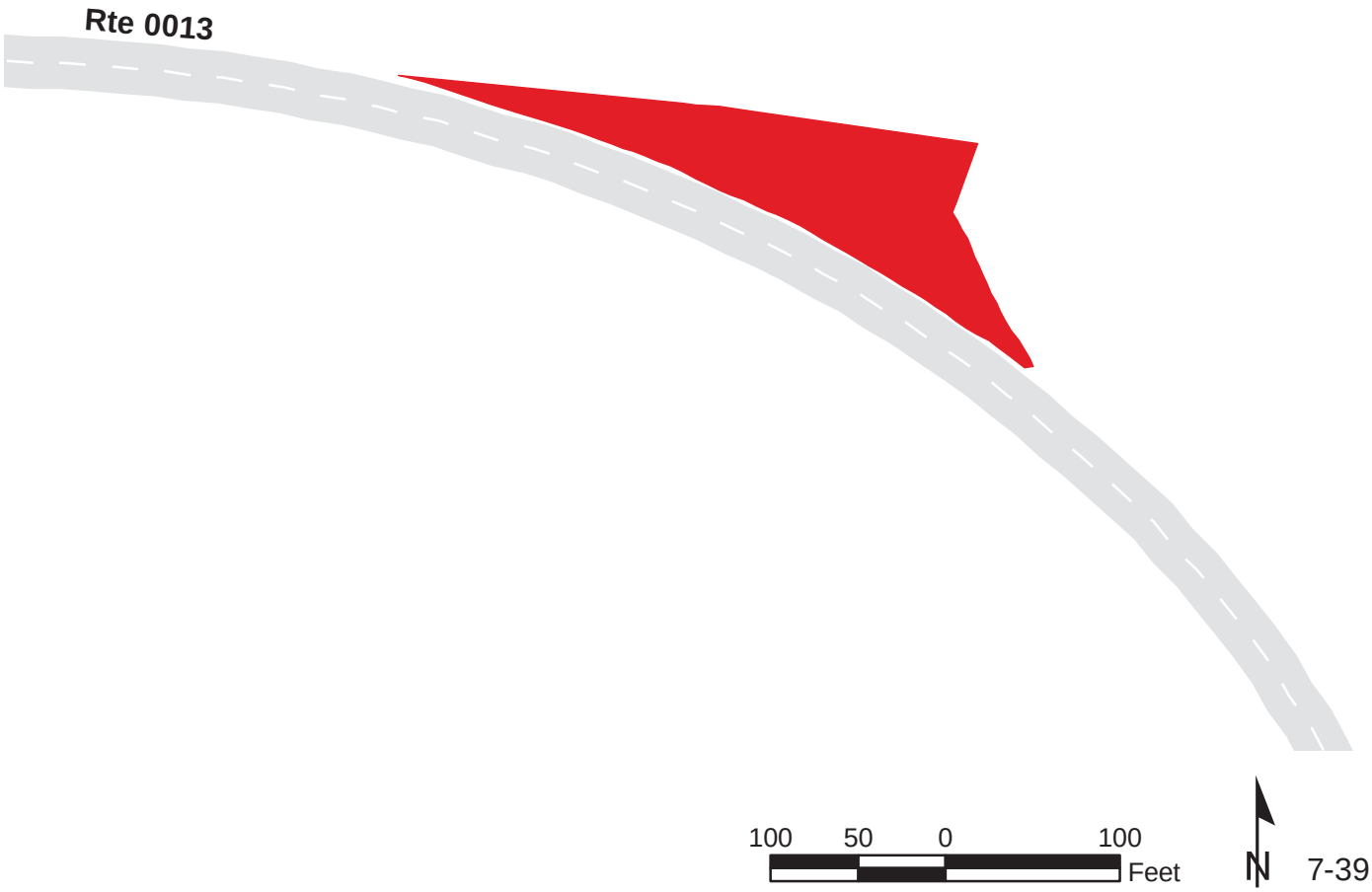
Crater Lake National Park
Route 0941

Sun Notch Parking

Adjacent to Route 0013 at MP 18.8 on Right

Route	Public / NonPublic	Date Visited	Area (sq ft)	Lane Miles *	Surface Type	Condition / PCR
0941	Public	7/23/2002	11125	0.19	AS	FAIR / 73

* Lane miles are based on 11' lane widths



Crater Lake National Park
Route 0942

Vidae Falls Parking

Adjacent to Route 0013 at MP 20.15 on Right

Route	Public / NonPublic	Date Visited	Area (sq ft)	Lane Miles *	Surface Type	Condition / PCR
0942	Public	7/23/2002	3096	0.05	AS	FAIR / 73

* Lane miles are based on 11' lane widths

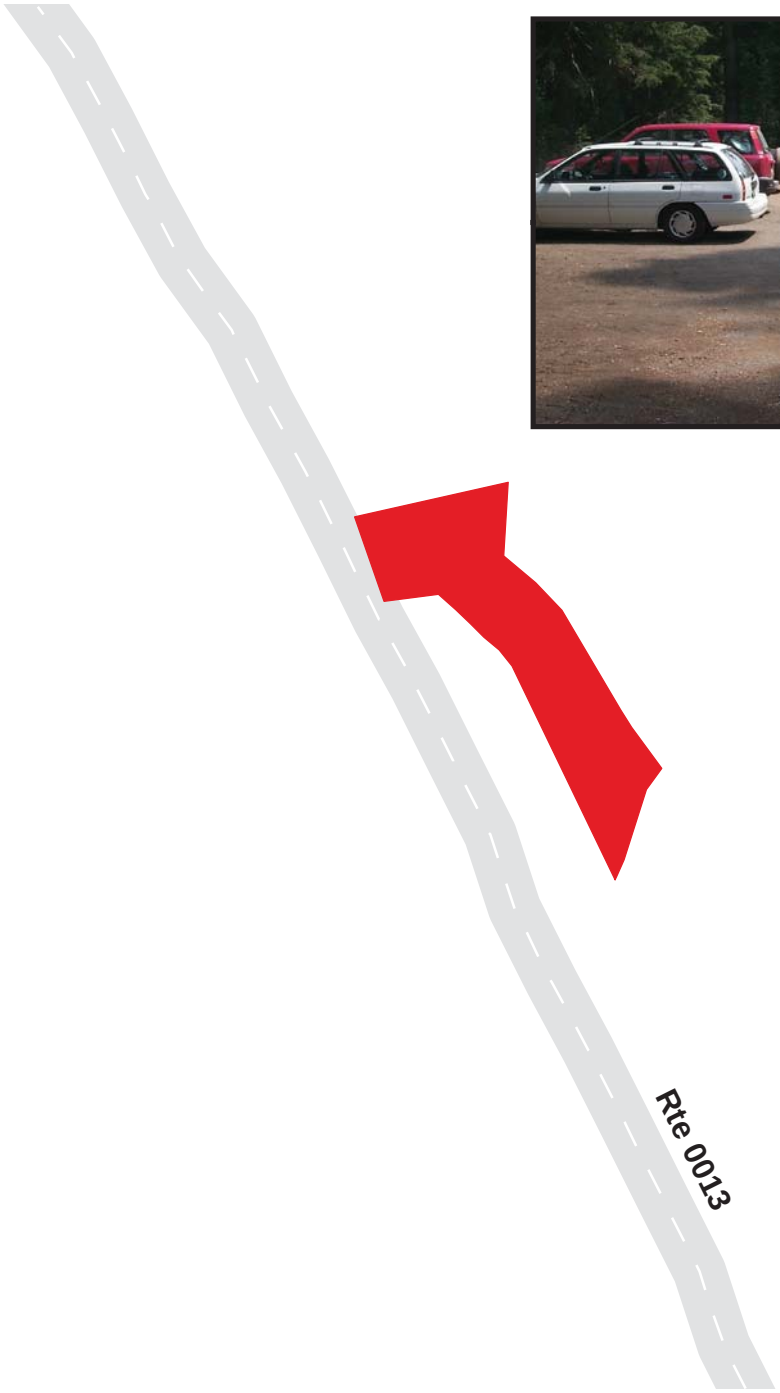
Crater Lake National Park
Route 0944

Castle Crest Parking

Adjacent to Route 0013 at MP 22.8 on Right

Route	Public / NonPublic	Date Visited	Area (sq ft)	Lane Miles *	Surface Type	Condition / PCR
0944	Public	7/22/2002	1338	0.02	AS	POOR / 45

* Lane miles are based on 11' lane widths



50 25 0 50 Feet

N

Crater Lake National Park
Route 0945

Mount Scott Overlook

Adjacent to Route 0201 at MP 0.26 on Right

Route	Public / NonPublic	Date Visited	Area (sq ft)	Lane Miles *	Surface Type	Condition / PCR
0945	Public	7/23/2002	7360	0.13	AS	GOOD / 90

* Lane miles are based on 11' lane widths

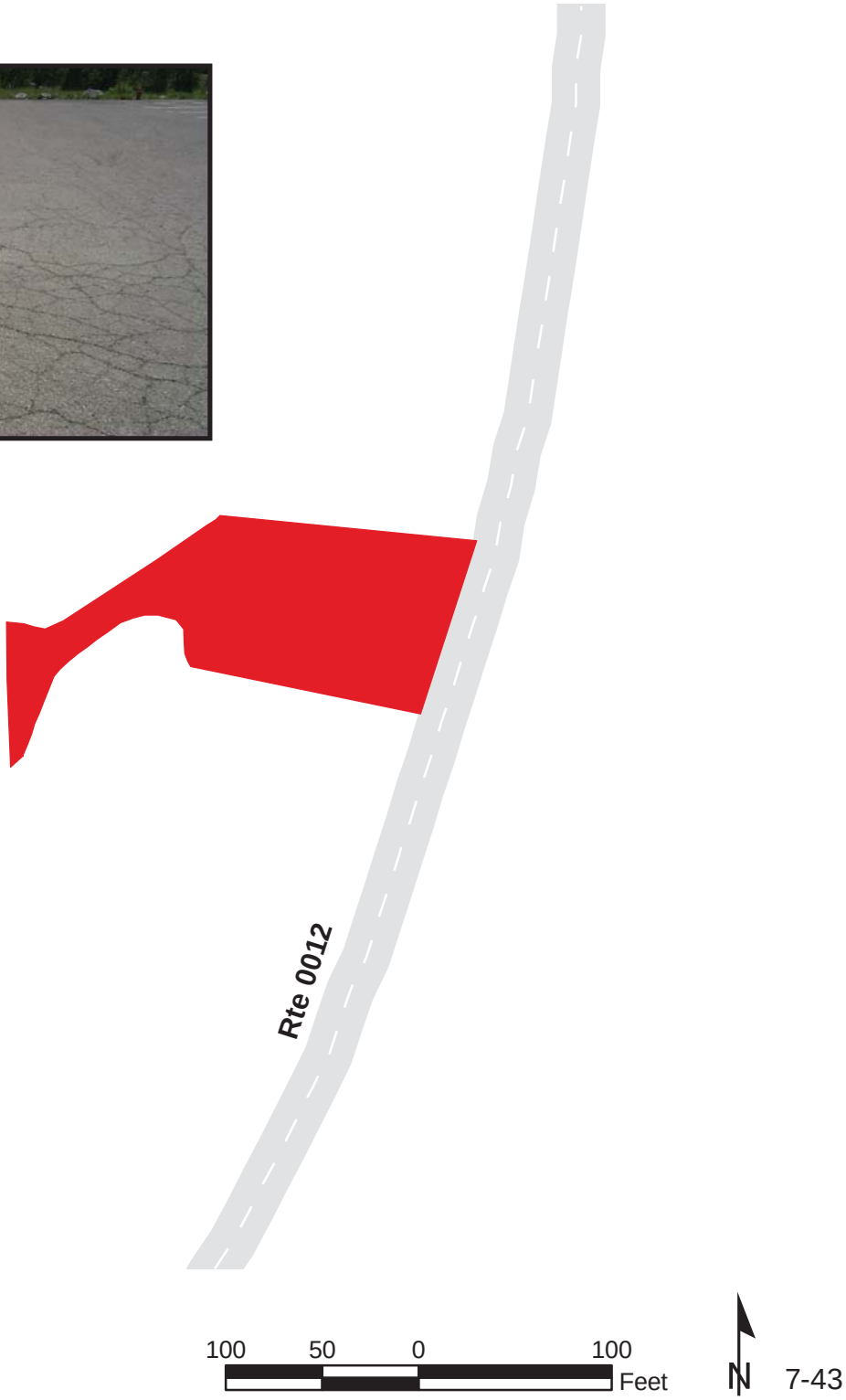
100 50 0 100 Feet

N

Crater Lake National Park
Route 0946
Administration Parking
Adjacent to Route 0404

Route	Public / NonPublic	Date Visited	Area (sq ft)	Lane Miles *	Surface Type	Condition / PCR
0946	NonPublic	7/23/2002	10800	0.19	AS	FAIR / 73

* Lane miles are based on 11' lane widths



Crater Lake National Park
Route 0947
Mazama Store Parking Area
Adjacent to Route 0200

Route	Public / NonPublic	Date Visited	Area (sq ft)	Lane Miles *	Surface Type	Condition / PCR
0947	Public	7/23/2002	41998	0.72	AS	GOOD / 90

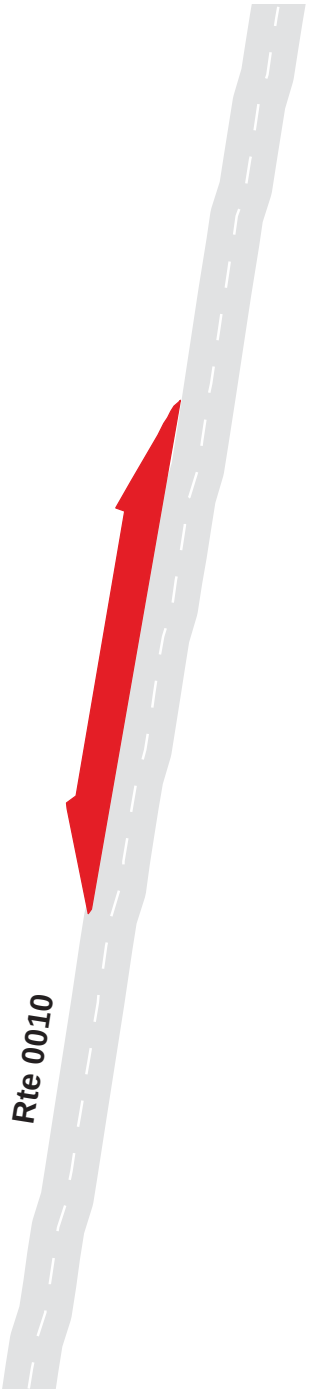
* Lane miles are based on 11' lane widths

Crater Lake National Park
Route 0949

North Entrance Restroom Parking
Adjacent to Route 0010 at MP 8.28 on Left

Route	Public / NonPublic	Date Visited	Area (sq ft)	Lane Miles *	Surface Type	Condition / PCR
0949	Public	7/22/2002	4723	0.08	AS	EXCELLENT / 97

* Lane miles are based on 11' lane widths



100 50 0 100
Feet

N

Crater Lake National Park
Route 0950

North Entrance Turnaround
From Route 0010 at MP 8.25 on Right

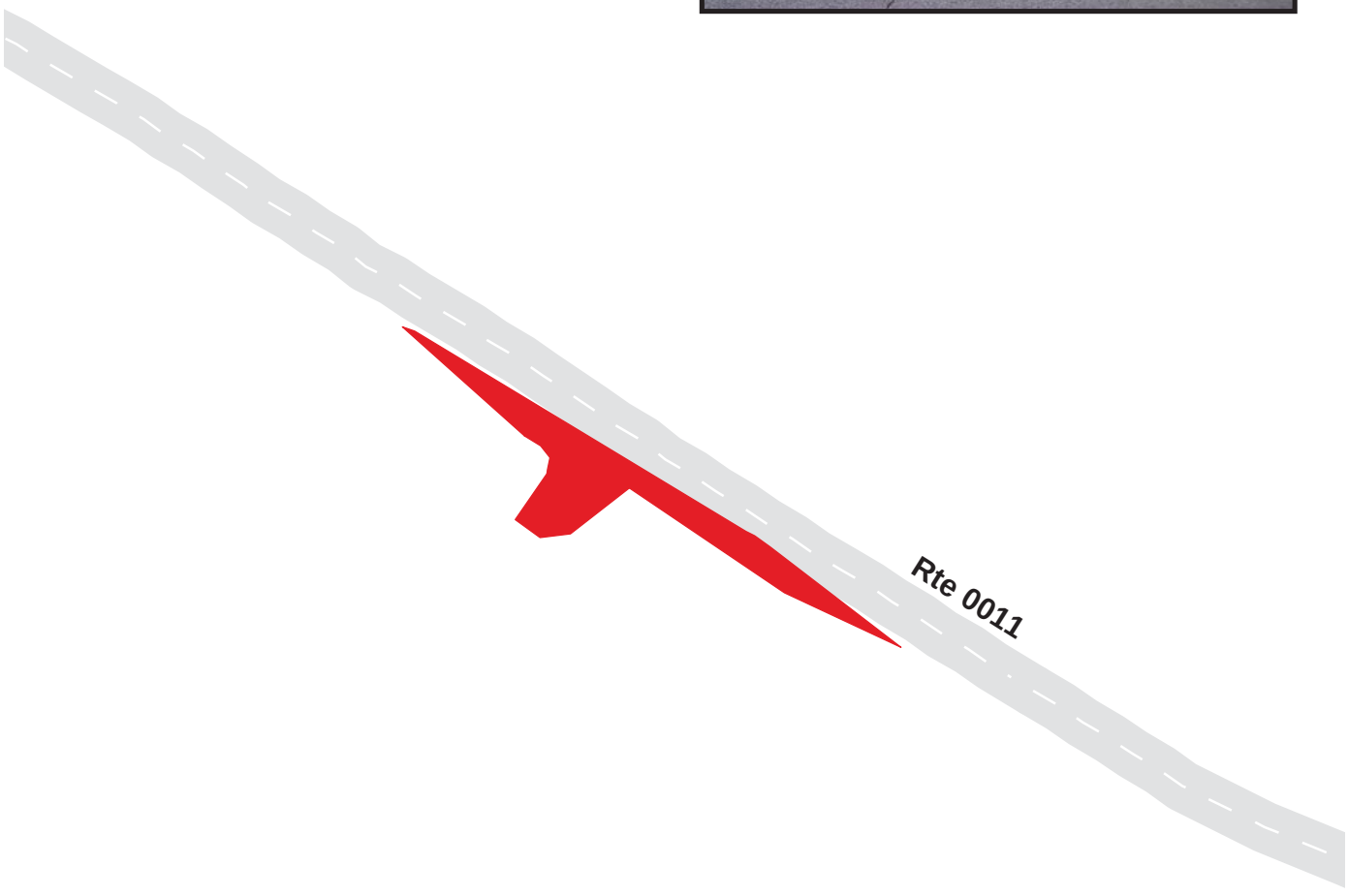
Route	Public / NonPublic	Date Visited	Area (sq ft)	Lane Miles *	Surface Type	Condition / PCR
0950	Public	7/22/2002	3375	0.06	AS	GOOD / 90

* Lane miles are based on 11' lane widths

Crater Lake National Park
Route 0951
West Entrance Parking Area
Adjacent to Route 0011 at MP 0.96 on Right

Route	Public / NonPublic	Date Visited	Area (sq ft)	Lane Miles *	Surface Type	Condition / PCR
0951	Public	7/23/2002	5069	0.09	AS	POOR / 45

* Lane miles are based on 11' lane widths



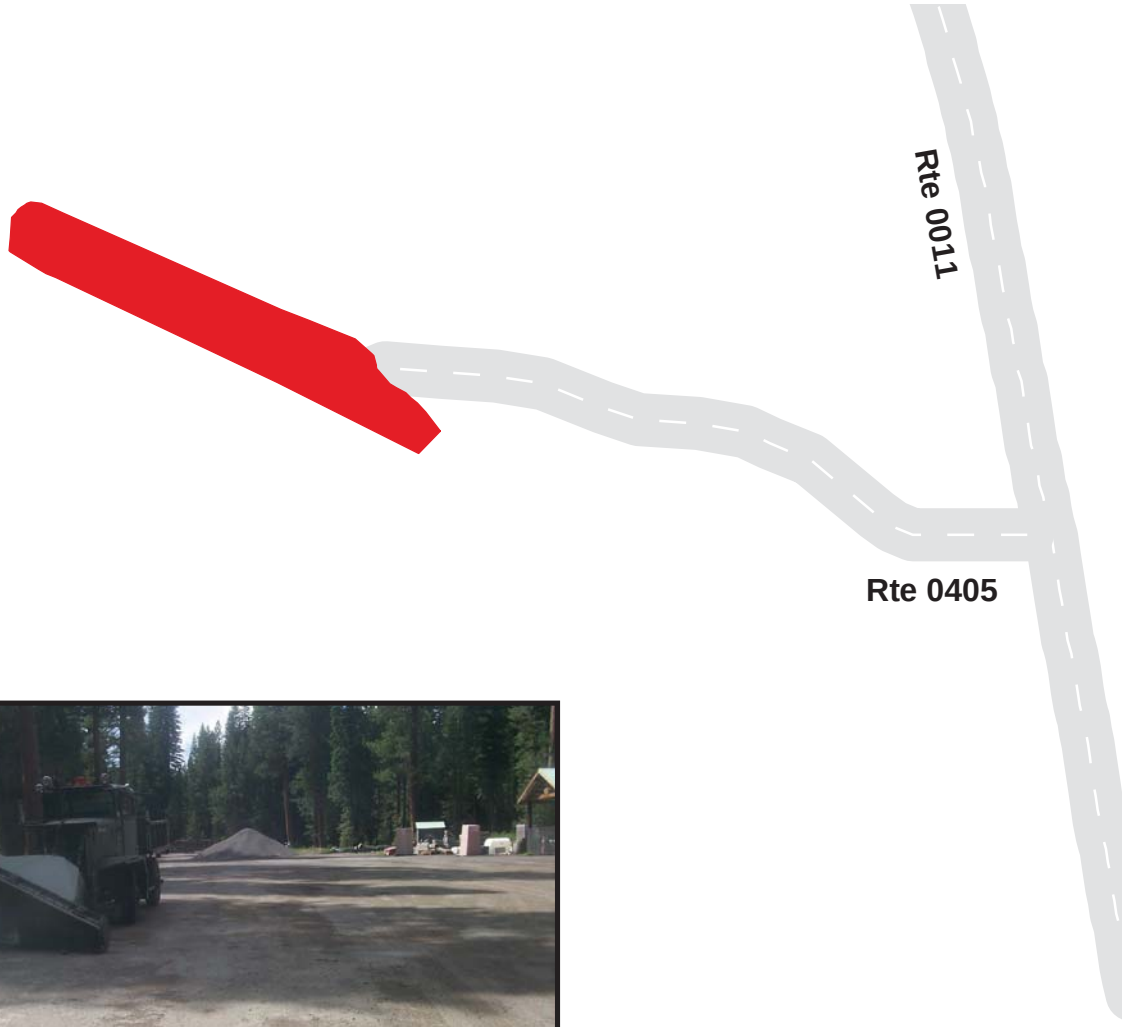
100 50 0 100
Feet

N

Crater Lake National Park
Route 0952
South Maintenance Yard
At End of Route 0405

Route	Public / NonPublic	Date Visited	Area (sq ft)	Lane Miles *	Surface Type	Condition / PCR
0952	NonPublic	7/23/2002	40877	0.70	AS	POOR / 45

* Lane miles are based on 11' lane widths



200 100 0 200
Feet

N

CRLA: PARKWIDE MAINTENANCE FEATURES SUMMARY

FEATURE	PARK TOTAL	UNIT
BRIDGE	2	EACH
CATTLE GUARD	0	EACH
CULVERT	245	EACH
CURB	12,387	LINEAR FEET
DROP INLET	7	EACH
GUARD WALL	5,792	LINEAR FEET
GUARDRAIL	3,712	LINEAR FEET
INTERSECTION	163	EACH
LOW WATER CROSSING	1	EACH
OVERHEAD SIGN	0	EACH
PARK BOUNDARY	0	EACH
PAVED DITCH	2,867	LINEAR FEET
PULLOUT	65	EACH
RAILROAD CROSSING	0	EACH
RETAINING WALL	0	EACH
STATE BOUNDARY	0	EACH
TRAFFIC LIGHT	0	EACH
TUNNEL	0	EACH
TURNOUT	0	LINEAR FEET

CRLA: ROUTE MAINTENANCE FEATURES SUMMARY

FEATURE	ROUTE 0010 NORTH ENTRANCE ROAD	ROUTE 0011 CRATER LAKE HIGHWAY	ROUTE 0012 MUNSON VALLEY ROAD	ROUTE 0013 EAST RIM DRIVE	ROUTE 0014 WEST RIM DRIVE	ROUTE 0100 PINNACLES ROAD	UNIT
BRIDGE	0	0	2	0	0	0	EACH
CATTLE GUARD	0	0	0	0	0	0	EACH
CULVERT	30	24	61	86	30	8	EACH
CURB	185	3,316	7,746	0	982	0	LINEAR FEET
DROP INLET	0	0	6	1	0	0	EACH
GUARD WALL	0	0	0	4,557	1,236	0	LINEAR FEET
GUARDRAIL	0	2,666	834	211	0	0	LINEAR FEET
INTERSECTION	9	15	24	43	14	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	2,867	0	0	LINEAR FEET
PULLOUT	6	11	22	17	6	1	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

CRLA: ROUTE MAINTENANCE FEATURES SUMMARY

FEATURE	ROUTE 0200 MAZAMA CAMPGROUND ACCESS ROAD	ROUTE 0201 CLOUDCAP VIEWPOINT ROAD	ROUTE 0204 VIDAE FALLS PICNIC AREA	ROUTE 0208 MAZAMA CAMPGROUND STORE ROAD	ROUTE 0400 MAZAMA DORMITORIES	ROUTE 0403 CRATER LAKE LODGE RESIDENCE ROAD	UNIT
BRIDGE	0	0	0	0	0	0	EACH
CATTLE GUARD	0	0	0	0	0	0	EACH
CULVERT	0	4	1	0	1	0	EACH
CURB	0	158	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	25	7	4	0	9	4	EACH
LOW WATER CROSSING	0	0	0	0	1	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	2	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

CRLA: ROUTE MAINTENANCE FEATURES SUMMARY

FEATURE	*ROUTE 0404 HEADQUATERS RESIDENCE ROAD*	*UNIT*
BRIDGE	0	EACH
CATTLE GUARD	0	EACH
CULVERT	0	EACH
CURB	0	LINEAR FEET
DROP INLET	0	EACH
GUARD WALL	0	LINEAR FEET
GUARDRAIL	0	LINEAR FEET
INTERSECTION	0	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

CRLA: ROUTE MAINTENANCE FEATURES ROAD LOG

ROUTE 0010 : NORTH ENTRANCE ROAD

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.000	0.000			ROUTE BEGINS AT RTE 013
0.008	0.008	INTERSECTION	LEFT	INTERSECTIONS OF RTES 013 AND 014
0.009	0.009	INTERSECTION	RIGHT	INTERSECTIONS OF RTES 013 AND 014
0.194	0.194	CULVERT	N/A	
0.421	0.491	PULLOUT	LEFT	
0.571	0.571	CULVERT	N/A	
0.653	0.653	CULVERT	N/A	
0.718	0.718	CULVERT	N/A	
0.824	0.910	PULLOUT	LEFT	
0.875	0.875	CULVERT	N/A	
0.989	0.989	CULVERT	N/A	
1.104	1.104	CULVERT	N/A	
1.234	1.234	CULVERT	N/A	
1.318	1.318	CULVERT	N/A	
1.389	1.389	CULVERT	N/A	
1.518	1.518	CULVERT	N/A	
1.556	1.651	PULLOUT	LEFT	
1.693	1.693	CULVERT	N/A	
1.731	1.731	CULVERT	N/A	
1.786	1.786	CULVERT	N/A	
1.818	1.818	CULVERT	N/A	
1.846	1.846	CULVERT	N/A	
1.864	1.919	PULLOUT	LEFT	
2.011	2.011	CULVERT	N/A	
2.080	2.080	CULVERT	N/A	
2.169	2.169	CULVERT	N/A	

CRLA: ROUTE MAINTENANCE FEATURES ROAD LOG

ROUTE 0010 : NORTH ENTRANCE ROAD

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
2.292	2.292	CULVERT	N/A	
2.526	2.526	INTERSECTION	LEFT	RTE 908, PACIFIC CREST TRAIL PARKING
2.564	2.564	CULVERT	N/A	
2.849	2.849	CULVERT	N/A	
3.244	3.244	CULVERT	N/A	
4.146	4.146	CULVERT	N/A	
4.872	4.872	INTERSECTION	LEFT	RTE 909, PUMICE DESERT
4.909	4.909	INTERSECTION	LEFT	RTE 909, PUMICE DESERT
5.136	5.136	CULVERT	N/A	
5.916	5.916	CULVERT	N/A	
6.085	6.085	CULVERT	N/A	
7.326	7.326	CULVERT	N/A	
7.814	7.814	CULVERT	N/A	
8.259	8.259	INTERSECTION	RIGHT	RTE 950, NORTH ENTRANCE PARKING AREA
8.269	8.298	CURB	LEFT	
8.279	8.279	INTERSECTION	LEFT	RTE 949, NORTH ENTRANCE RESTROOM PARKING
8.281	8.281	INTERSECTION	RIGHT	RTE 950, NORTH ENTRANCE PARKING AREA
8.324	8.324	CULVERT	N/A	
8.365	8.445	PULLOUT	LEFT	
8.388	8.418	PULLOUT	RIGHT	
8.399	8.405	CURB	LEFT	
9.120	9.120			ROUTE ENDS AT NORTH BOUNDARY
9.199	9.199	INTERSECTION	RIGHT	STATE ROUTE 138

CRLA: ROUTE MAINTENANCE FEATURES ROAD LOG

ROUTE 0011 : CRATER LAKE HIGHWAY

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.000	0.000			ROUTE BEGINS AT WEST BOUNDARY
0.275	0.275	CULVERT	N/A	
0.726	0.726	CULVERT	N/A	
0.969	0.969	INTERSECTION	RIGHT	RTE 951
1.009	1.009	CULVERT	N/A	
1.057	1.057	CULVERT	N/A	
1.549	1.639	PULLOUT	RIGHT	
1.554	1.630	CURB	RIGHT	
1.622	1.710	PULLOUT	LEFT	
1.622	1.711	CURB	LEFT	
2.948	2.948	CULVERT	N/A	
3.228	3.228	CULVERT	N/A	
3.722	3.738	PULLOUT	RIGHT	
4.141	4.141	CULVERT	N/A	
4.324	4.324	CULVERT	N/A	
4.517	4.517	CULVERT	N/A	
4.614	4.614	CULVERT	N/A	
4.778	4.778	CULVERT	N/A	
4.843	4.843	CULVERT	N/A	
4.956	4.956	CULVERT	N/A	
5.248	5.248	CULVERT	N/A	
5.367	5.367	CULVERT	N/A	
5.602	5.602	CULVERT	N/A	
5.642	5.716	PULLOUT	RIGHT	
5.912	6.045	GUARDRAIL	RIGHT	
6.098	6.169	CURB	LEFT	
6.098	6.177	PULLOUT	LEFT	

CRLA: ROUTE MAINTENANCE FEATURES ROAD LOG

ROUTE 0011 : CRATER LAKE HIGHWAY

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
6.700	6.787	PULLOUT	RIGHT	
6.704	6.782	CURB	RIGHT	
6.908	6.945	PULLOUT	LEFT	
6.960	6.960	INTERSECTION	RIGHT	RTE 910, PACIFIC CREST TRAIL PARKING
7.405	7.610	GUARDRAIL	LEFT	
7.767	7.767	INTERSECTION	LEFT	RTE 012, MUNSON VALLEY ROAD
8.370	8.370	INTERSECTION	RIGHT	RTE 400, MAZAMA DORMITORIES
8.789	8.789	CULVERT	N/A	
8.802	8.802	INTERSECTION	LEFT	RTE 914, FOSSIL FUMAROLES
8.865	8.865	CULVERT	N/A	
9.847	9.847	INTERSECTION	RIGHT	UNPAVED
10.186	10.186	INTERSECTION	LEFT	RTE 915, LODGE POLE PICNIC AREA
10.408	10.408	INTERSECTION	LEFT	RTE 915, LODGE POLE PICNIC AREA
11.358	11.358	CULVERT	N/A	
11.487	11.615	PULLOUT	LEFT	
11.487	11.616	CURB	LEFT	
12.034	12.078	GUARDRAIL	LEFT	
12.038	12.038	CULVERT	N/A	
12.395	12.395	INTERSECTION	LEFT	RTE 916, ANNIE FALLS PICNIC AREA
12.562	12.562	INTERSECTION	LEFT	RTE 916, ANNIE FALLS PICNIC AREA
13.227	13.227	INTERSECTION	LEFT	RTE 917, PICNIC AREA
13.283	13.283	INTERSECTION	LEFT	RTE 917, PICNIC AREA
13.335	13.432	PULLOUT	LEFT	
13.338	13.432	CURB	LEFT	

CRLA: ROUTE MAINTENANCE FEATURES ROAD LOG

ROUTE 0011 : CRATER LAKE HIGHWAY

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
13.677	13.713	GUARDRAIL	LEFT	
13.699	13.783	PULLOUT	LEFT	
13.701	13.792	CURB	LEFT	
13.793	13.837	GUARDRAIL	LEFT	
13.815	13.815	CULVERT	N/A	
15.007	15.048	PULLOUT	LEFT	
15.107	15.107	CULVERT	N/A	
15.380	15.423	GUARDRAIL	LEFT	
16.771	16.771	INTERSECTION	LEFT	RTE 918, PONDEROSA PICNIC AREA
16.846	16.846	CULVERT	N/A	
17.000	17.000	INTERSECTION	LEFT	RTE 918, PONDEROSA PICNIC AREA
17.005	17.005	CULVERT	N/A	
17.318	17.318	INTERSECTION	RIGHT	UNPAVED
17.410	17.410			ROUTE ENDS AT SOUTH BOUNDARY

CRLA: ROUTE MAINTENANCE FEATURES ROAD LOG

ROUTE 0012 : MUNSON VALLEY ROAD

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.000	0.000			ROUTE BEGINS AT RTE 011 @ MP 78 LEFT
0.013	0.013	INTERSECTION	RIGHT	RTE 011
0.014	0.014	CULVERT	N/A	
0.014	0.014	INTERSECTION	LEFT	RTE 011
0.223	0.244	CURB	LEFT	
0.241	0.266	PULLOUT	RIGHT	
0.252	0.259	CURB	LEFT	
0.312	0.312	INTERSECTION	RIGHT	RTE 200, MAZAMA ENTRANCE ROAD
0.375	0.375	INTERSECTION	RIGHT	
0.385	0.385	INTERSECTION	LEFT	
0.470	0.474	CURB	RIGHT	
0.472	0.498	BRIDGE	N/A	
0.474	0.502	GUARDRAIL	LEFT	
0.475	0.475	DROP INLET	LEFT	
0.476	0.504	GUARDRAIL	RIGHT	
0.513	0.549	CURB	RIGHT	
0.513	0.568	PULLOUT	RIGHT	
0.846	0.927	PULLOUT	RIGHT	
0.850	0.919	CURB	RIGHT	
1.022	1.022	CULVERT	N/A	
1.301	1.301	INTERSECTION	LEFT	RTE 919, GOODBYE PICNIC AREA
1.307	1.357	BRIDGE	N/A	
1.309	1.362	GUARDRAIL	RIGHT	
1.312	1.361	GUARDRAIL	LEFT	
1.352	1.352	DROP INLET	RIGHT	
1.361	1.396	PULLOUT	LEFT	

CRLA: ROUTE MAINTENANCE FEATURES ROAD LOG

ROUTE 0012 : MUNSON VALLEY ROAD

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
1.362	1.397	CURB	LEFT	
1.670	1.670	INTERSECTION	RIGHT	RTE 920, GODFREY GLEN TRAIL PARKING
1.722	1.913	CURB	LEFT	
1.780	1.780	INTERSECTION	RIGHT	RTE 920, GODFREY GLEN TRAIL PARKING
1.861	1.901	PULLOUT	RIGHT	
1.862	1.893	CURB	RIGHT	
2.178	2.268	PULLOUT	RIGHT	
2.182	2.261	CURB	RIGHT	
2.330	2.330	CULVERT	N/A	
2.449	2.513	PULLOUT	RIGHT	
2.454	2.512	CURB	RIGHT	
2.514	2.514	CULVERT	N/A	
2.531	2.531	CULVERT	N/A	
2.578	2.578	CULVERT	N/A	
2.580	2.580	DROP INLET	RIGHT	
2.707	2.707	CULVERT	N/A	
2.708	2.708	INTERSECTION	RIGHT	UNPAVED
2.934	2.934	CULVERT	N/A	
2.953	3.027	PULLOUT	LEFT	
2.954	3.026	CURB	LEFT	
3.057	3.057	CULVERT	N/A	
3.112	3.186	PULLOUT	RIGHT	
3.116	3.184	CURB	RIGHT	
3.132	3.132	CULVERT	N/A	
3.274	3.274	CULVERT	N/A	
3.299	3.299	CULVERT	N/A	

CRLA: ROUTE MAINTENANCE FEATURES ROAD LOG

ROUTE 0012 : MUNSON VALLEY ROAD

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
3.301	3.386	CURB	LEFT	
3.301	3.387	PULLOUT	LEFT	
3.391	3.391	CULVERT	N/A	
3.524	3.524	CULVERT	N/A	
3.611	3.611	INTERSECTION	LEFT	RTE 948, EQUIPMENT PARKING
3.728	3.728	INTERSECTION	RIGHT	RTE 401, HEADQUARTERS RESIDENCE ROAD
3.739	3.739	INTERSECTION	LEFT	RTE 402, HEADQUARTERS MAINTENANCE AREA
3.901	3.901	INTERSECTION	RIGHT	RTE 013, EAST RIM DRIVE
3.981	3.981	INTERSECTION	LEFT	RTE 921, HEADQUARTERS VISITOR CENTER PARKING
4.164	4.164	CULVERT	N/A	
4.205	4.205	CULVERT	N/A	
4.287	4.287	CULVERT	N/A	
4.298	4.298	CULVERT	N/A	
4.355	4.355	CULVERT	N/A	
4.369	4.369	CULVERT	N/A	
4.385	4.385	CULVERT	N/A	
4.415	4.415	CULVERT	N/A	
4.474	4.474	CULVERT	N/A	
4.485	4.485	CULVERT	N/A	
4.502	4.502	CULVERT	N/A	
4.549	4.549	CULVERT	N/A	
4.573	4.573	CULVERT	N/A	
4.599	4.599	CULVERT	N/A	
4.624	4.624	CULVERT	N/A	
4.659	4.659	CULVERT	N/A	

CRLA: ROUTE MAINTENANCE FEATURES ROAD LOG

ROUTE 0012 : MUNSON VALLEY ROAD

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
4.677	4.677	CULVERT	N/A	
4.731	4.731	CULVERT	N/A	
4.757	4.757	CULVERT	N/A	
4.784	4.784	CULVERT	N/A	
4.796	4.796	CULVERT	N/A	
4.805	4.827	PULLOUT	LEFT	
4.806	4.828	CURB	LEFT	
4.839	4.839	CULVERT	N/A	
4.880	4.880	CULVERT	N/A	
4.895	4.895	CULVERT	N/A	
4.904	4.904	CULVERT	N/A	
4.911	4.911	CULVERT	N/A	
4.927	4.927	CULVERT	N/A	
4.944	4.944	CULVERT	N/A	
4.977	4.977	CULVERT	N/A	
5.010	5.010	CULVERT	N/A	
5.022	5.040	CURB	LEFT	
5.025	5.039	PULLOUT	LEFT	
5.041	5.041	CULVERT	N/A	
5.055	5.055	CULVERT	N/A	
5.072	5.072	CULVERT	N/A	
5.091	5.091	CULVERT	N/A	
5.142	5.142	CULVERT	N/A	
5.238	5.238	CULVERT	N/A	
5.272	5.272	CULVERT	N/A	
5.332	5.391	PULLOUT	LEFT	
5.334	5.386	CURB	LEFT	

CRLA: ROUTE MAINTENANCE FEATURES ROAD LOG

ROUTE 0012 : MUNSON VALLEY ROAD

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
5.386	5.386	CULVERT	N/A	
5.433	5.479	PULLOUT	LEFT	
5.434	5.482	CURB	LEFT	
5.484	5.484	CULVERT	N/A	
5.648	5.710	CURB	LEFT	
5.648	5.711	PULLOUT	LEFT	
5.761	5.825	PULLOUT	RIGHT	
5.773	5.822	CURB	RIGHT	
5.852	5.852	CULVERT	N/A	
5.910	5.910	CULVERT	N/A	
5.922	5.971	PULLOUT	LEFT	
5.923	5.970	CURB	LEFT	
6.058	6.118	CURB	RIGHT	
6.060	6.118	PULLOUT	RIGHT	
6.232	6.232	CULVERT	N/A	
6.270	6.330	PULLOUT	RIGHT	
6.272	6.330	CURB	RIGHT	
6.336	6.389	CURB	LEFT	
6.336	6.393	PULLOUT	LEFT	
6.442	6.442	CULVERT	N/A	
6.526	6.526	CULVERT	N/A	
6.542	6.593	PULLOUT	LEFT	
6.545	6.591	CURB	LEFT	
6.631	6.663	PULLOUT	LEFT	
6.632	6.665	CURB	LEFT	
6.684	6.684	CULVERT	N/A	
6.699	6.699	INTERSECTION	LEFT	RTE 014, WEST RIM DRIVE

CRLA: ROUTE MAINTENANCE FEATURES ROAD LOG

ROUTE 0012 : MUNSON VALLEY ROAD

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
6.702	6.753	CURB	RIGHT	
6.734	6.830	CURB	LEFT	
6.751	6.751	DROP INLET	RIGHT	
6.758	6.758	INTERSECTION	RIGHT	RTE 922, CAFETERIA AND GIFT SHOP PARKING
6.775	6.775	CULVERT	N/A	
6.799	6.799	DROP INLET	RIGHT	
6.834	6.834	INTERSECTION	LEFT	RTE 923, VISITOR CENTER AND SINNOTT OVERLOOK PARKING
6.836	6.852	CURB	LEFT	
6.840	6.840	INTERSECTION	RIGHT	RTE 923, VISITOR CENTER AND SINNOTT OVERLOOK PARKING
6.845	6.845	DROP INLET	RIGHT	
6.849	6.849	CULVERT	N/A	
6.882	6.882	INTERSECTION	RIGHT	
6.919	6.919	INTERSECTION	LEFT	
7.013	7.013	INTERSECTION	RIGHT	RTE 014, LODGE ROAD
7.015	7.015	INTERSECTION	RIGHT	RTE 207, PICNIC HILL
7.053	7.053	INTERSECTION	LEFT	RTE 924, CRATER LAKE LODGE PARKING
7.060	7.060			ROUTE ENDS AT RTE 924
7.060	7.060	INTERSECTION	RIGHT	RTE 924, CRATER LAKE LODGE PARKING

CRLA: ROUTE MAINTENANCE FEATURES ROAD LOG

ROUTE 0013 : EAST RIM DRIVE

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.000	0.000			ROUTE BEGINS AT RTE 010
0.007	0.007	INTERSECTION	LEFT	INTERSECTION OF RTES 010 AND 014
0.007	0.007	INTERSECTION	RIGHT	INTERSECTION OF RTES 010 AND 014
0.035	0.035	INTERSECTION	RIGHT	RTE 907, NORTH JUNCTION PARKING
0.179	0.179	CULVERT	N/A	
0.289	0.426	PULLOUT	LEFT	
0.442	0.442	CULVERT	N/A	
0.628	0.628	CULVERT	N/A	
0.669	0.669	CULVERT	N/A	
0.768	0.768	INTERSECTION	LEFT	
0.989	0.989	CULVERT	N/A	
1.095	1.095	CULVERT	N/A	
1.262	1.262	CULVERT	N/A	
1.318	1.318	CULVERT	N/A	
1.337	1.337	CULVERT	N/A	
1.386	1.386	CULVERT	N/A	
1.515	1.515	CULVERT	N/A	
1.578	1.578	CULVERT	N/A	
1.604	1.604	CULVERT	N/A	
1.642	1.642	CULVERT	N/A	
2.059	2.059	CULVERT	N/A	
2.074	2.074	CULVERT	N/A	
2.279	2.279	CULVERT	N/A	
2.506	2.506	INTERSECTION	RIGHT	
2.535	2.535	INTERSECTION	RIGHT	
2.539	2.539	CULVERT	N/A	

CRLA: ROUTE MAINTENANCE FEATURES ROAD LOG

ROUTE 0013 : EAST RIM DRIVE

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
2.663	2.663	INTERSECTION	RIGHT	
2.787	2.787	INTERSECTION	RIGHT	
2.804	2.921	PAVED DITCH	LEFT	
2.923	2.923	DROP INLET	LEFT	
3.107	3.107	CULVERT	N/A	
3.284	3.359	GUARD WALL	RIGHT	
3.290	3.388	PULLOUT	RIGHT	
3.430	3.430	CULVERT	N/A	
3.624	3.624	INTERSECTION	LEFT	RTE 926, CLEETWOOD PICNIC AREA
3.665	3.665	INTERSECTION	LEFT	RTE 926, CLEETWOOD PICNIC AREA
3.691	3.691	INTERSECTION	RIGHT	
3.771	3.816	PULLOUT	RIGHT	
3.861	3.886	PULLOUT	RIGHT	
3.933	3.933	INTERSECTION	RIGHT	
4.218	4.218	INTERSECTION	RIGHT	
4.359	4.404	PULLOUT	RIGHT	
4.534	4.534	INTERSECTION	LEFT	RTE 927, CLEETWOOD TRAIL PARKING
4.559	4.599	GUARDRAIL	RIGHT	
4.683	4.749	PULLOUT	RIGHT	
4.705	4.705	INTERSECTION	RIGHT	RTE 928, THE CLEETWOOD FLOW
4.718	4.733	GUARD WALL	RIGHT	
4.796	4.805	GUARD WALL	RIGHT	
5.040	5.040	CULVERT	N/A	
5.258	5.343	PULLOUT	LEFT	
5.499	5.499	CULVERT	N/A	

CRLA: ROUTE MAINTENANCE FEATURES ROAD LOG

ROUTE 0013 : EAST RIM DRIVE

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
5.664	5.776	PAVED DITCH	LEFT	
5.904	5.944	GUARD WALL	RIGHT	
5.930	5.979	PULLOUT	RIGHT	
6.313	6.313	INTERSECTION	RIGHT	
6.318	6.391	GUARD WALL	RIGHT	
6.701	6.751	PAVED DITCH	LEFT	
6.721	6.721	CULVERT	N/A	
6.792	6.792	CULVERT	N/A	
7.009	7.009	CULVERT	N/A	
7.806	7.806	INTERSECTION	RIGHT	RTE 929, LOWER SKELL OVERLOOK
7.847	7.847	INTERSECTION	RIGHT	RTE 929, LOWER SKELL OVERLOOK
7.941	7.941	INTERSECTION	RIGHT	RTE 930, OVERLOOK PARKING
7.976	7.976	INTERSECTION	RIGHT	RTE 930, OVERLOOK PARKING
8.436	8.436	INTERSECTION	RIGHT	RTE 931, SKELL HEAD PICNIC AREA
8.595	8.595	INTERSECTION	RIGHT	RTE 932, SKELL HEAD OVERLOOK
8.637	8.878	PAVED DITCH	LEFT	
8.678	8.678	INTERSECTION	RIGHT	RTE 932, SKELL HEAD OVERLOOK
8.964	8.964	CULVERT	N/A	
9.483	9.483	CULVERT	N/A	
9.665	9.665	CULVERT	N/A	
9.679	9.702	PAVED DITCH	LEFT	
9.979	9.979	CULVERT	N/A	
10.054	10.083	PULLOUT	LEFT	
10.086	10.160	GUARD WALL	LEFT	
10.107	10.141	PULLOUT	LEFT	

CRLA: ROUTE MAINTENANCE FEATURES ROAD LOG

ROUTE 0013 : EAST RIM DRIVE

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
10.257	10.257	CULVERT	N/A	
10.377	10.377	CULVERT	N/A	
10.550	10.550	CULVERT	N/A	
10.617	10.617	CULVERT	N/A	
10.704	10.704	CULVERT	N/A	
10.816	10.816	INTERSECTION	LEFT	RTE 933, WHITEBARK PICNIC AREA
10.936	10.936	INTERSECTION	LEFT	RTE 934, MOUNT SCOTT TRAIL PARKING
11.078	11.078	INTERSECTION	RIGHT	RTE 201, CLOUDCAP VIEWPOINT ROAD
11.258	11.258	INTERSECTION	RIGHT	RTE 201, CLOUDCAP VIEWPOINT ROAD
11.729	11.729	CULVERT	N/A	
11.808	11.848	PULLOUT	LEFT	
11.976	11.976	CULVERT	N/A	
12.142	12.142	CULVERT	N/A	
12.320	12.320	INTERSECTION	RIGHT	RTE 936, PUMICE CASTLE
12.377	12.377	INTERSECTION	RIGHT	RTE 936, PUMICE CASTLE
12.570	12.570	INTERSECTION	RIGHT	RTE 937, CASTLE ROCK OVERLOOK
12.632	12.632	INTERSECTION	RIGHT	RTE 937, CASTLE ROCK OVERLOOK
12.773	12.773	INTERSECTION	RIGHT	RTE 938, SENTINNEL POINT OVERLOOK
12.842	12.842	INTERSECTION	RIGHT	RTE 938, SENTINNEL POINT OVERLOOK
13.074	13.074	CULVERT	N/A	
13.275	13.275	CULVERT	N/A	
13.432	13.432	CULVERT	N/A	
13.750	13.750	CULVERT	N/A	

CRLA: ROUTE MAINTENANCE FEATURES ROAD LOG

ROUTE 0013 : EAST RIM DRIVE

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
13.908	13.930	GUARD WALL	LEFT	
14.283	14.283	CULVERT	N/A	
14.346	14.346	CULVERT	N/A	
14.536	14.536	CULVERT	N/A	
14.728	14.728	CULVERT	N/A	
14.730	14.730	INTERSECTION	RIGHT	RTE 939, PHANTOM SHIP OVERLOOK
14.818	14.818	INTERSECTION	RIGHT	RTE 939, PHANTOM SHIP OVERLOOK
14.879	14.879	INTERSECTION	LEFT	RTE 100, PINNACLES ROAD
14.918	14.918	CULVERT	N/A	
15.032	15.032	CULVERT	N/A	
15.722	15.775	PULLOUT	LEFT	
15.910	15.910	CULVERT	N/A	
15.954	15.954	CULVERT	N/A	
15.983	15.983	CULVERT	N/A	
16.124	16.124	CULVERT	N/A	
16.187	16.187	CULVERT	N/A	
16.239	16.239	CULVERT	N/A	
16.370	16.370	CULVERT	N/A	
16.502	16.502	CULVERT	N/A	
16.625	16.625	CULVERT	N/A	
16.731	16.731	CULVERT	N/A	
16.739	16.780	PULLOUT	LEFT	
16.850	16.850	CULVERT	N/A	
16.913	16.913	CULVERT	N/A	
17.042	17.042	CULVERT	N/A	
17.174	17.174	CULVERT	N/A	

CRLA: ROUTE MAINTENANCE FEATURES ROAD LOG

ROUTE 0013 : EAST RIM DRIVE

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
17.248	17.248	CULVERT	N/A	
17.423	17.459	PULLOUT	LEFT	
17.702	17.702	CULVERT	N/A	
17.722	17.769	PULLOUT	LEFT	
17.759	17.910	GUARD WALL	LEFT	
18.021	18.021	CULVERT	N/A	
18.208	18.261	PULLOUT	LEFT	
18.227	18.631	GUARD WALL	LEFT	
18.557	18.593	PULLOUT	LEFT	
18.683	18.683	CULVERT	N/A	
18.785	18.785	INTERSECTION	RIGHT	RTE 941, SUN NOTCH PARKING
18.797	18.797	CULVERT	N/A	
18.911	18.911	CULVERT	N/A	
19.012	19.012	CULVERT	N/A	
19.337	19.337	CULVERT	N/A	
19.453	19.453	CULVERT	N/A	
19.543	19.543	CULVERT	N/A	
19.700	19.700	CULVERT	N/A	
20.000	20.000	CULVERT	N/A	
20.109	20.109	INTERSECTION	LEFT	RTE 204, VIDAE FALLS PICNIC AREA
20.162	20.162	INTERSECTION	RIGHT	RTE 942, VIDAE FALLS PARKING
20.776	20.776	INTERSECTION	LEFT	RTE 943, CRATER PEAK TRAIL PARKING
20.850	20.850	CULVERT	N/A	
21.100	21.100	CULVERT	N/A	
21.493	21.493	CULVERT	N/A	
21.578	21.578	CULVERT	N/A	

CRLA: ROUTE MAINTENANCE FEATURES ROAD LOG

ROUTE 0013 : EAST RIM DRIVE

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
21.741	21.741	CULVERT	N/A	
21.856	21.856	CULVERT	N/A	
21.891	21.891	CULVERT	N/A	
22.068	22.068	CULVERT	N/A	
22.132	22.132	CULVERT	N/A	
22.285	22.285	CULVERT	N/A	
22.666	22.666	CULVERT	N/A	
22.735	22.735	CULVERT	N/A	
22.788	22.788	INTERSECTION	RIGHT	RTE 944, CASTLE CREST PARKING
22.906	22.906	CULVERT	N/A	
23.125	23.125	INTERSECTION	LEFT	RTE 012
23.130	23.130			ROUTE ENDS AT RTE 012
23.130	23.130	INTERSECTION	RIGHT	RTE 012

CRLA: ROUTE MAINTENANCE FEATURES ROAD LOG

ROUTE 0014 : WEST RIM DRIVE

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.000	0.000			ROUTE BEGINS AT RTE 012
0.006	0.006	INTERSECTION	RIGHT	RTE 012
0.007	0.007	INTERSECTION	LEFT	RTE 012
0.129	0.129	CULVERT	N/A	
0.144	0.181	PULLOUT	RIGHT	
0.172	0.187	GUARD WALL	RIGHT	
0.204	0.217	GUARD WALL	RIGHT	
0.531	0.531	CULVERT	N/A	
0.603	0.603	CULVERT	N/A	
0.904	0.904	CULVERT	N/A	
1.015	1.015	CULVERT	N/A	
1.074	1.074	INTERSECTION	RIGHT	RTE 900, DISCOVERY POINT
1.521	1.521	CULVERT	N/A	
1.568	1.634	PULLOUT	RIGHT	
1.636	1.636	CULVERT	N/A	
1.743	1.743	CULVERT	N/A	
1.781	1.781	CULVERT	N/A	
2.160	2.228	PULLOUT	RIGHT	
2.254	2.254	INTERSECTION	LEFT	RTE 901, LIGHTNING SPRINGS TRAILHEAD PARKING
2.291	2.291	CULVERT	N/A	
2.388	2.388	INTERSECTION	RIGHT	RTE 902, DISCOVERY POINT PICNIC AREA
2.422	2.422	CULVERT	N/A	
2.684	2.684	CULVERT	N/A	
2.852	2.873	GUARD WALL	LEFT	
2.890	2.991	GUARD WALL	LEFT	
2.993	2.993	INTERSECTION	LEFT	RTE 903, UNION PEAK OVERLOOK

CRLA: ROUTE MAINTENANCE FEATURES ROAD LOG

ROUTE 0014 : WEST RIM DRIVE

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
3.054	3.054	CULVERT	N/A	
3.154	3.154	CULVERT	N/A	
3.221	3.221	CULVERT	N/A	
3.233	3.233	CULVERT	N/A	
3.325	3.409	GUARD WALL	LEFT	
3.355	3.380	PULLOUT	LEFT	
3.395	3.419	PULLOUT	LEFT	
3.681	3.748	CURB	RIGHT	
3.753	3.753	INTERSECTION	RIGHT	RTE 904, THE CORRALS
3.758	3.802	CURB	RIGHT	
3.806	3.806	INTERSECTION	RIGHT	RTE 904, THE CORRALS
3.813	3.888	CURB	RIGHT	
3.813	3.888	PULLOUT	RIGHT	
4.023	4.023	CULVERT	N/A	
4.142	4.142	CULVERT	N/A	
4.251	4.251	CULVERT	N/A	
4.448	4.448	INTERSECTION	LEFT	RTE 905, DIAMOND LAKE OVERLOOK
4.534	4.534	CULVERT	N/A	
4.621	4.621	CULVERT	N/A	
4.694	4.694	CULVERT	N/A	
4.755	4.755	CULVERT	N/A	
4.877	4.877	CULVERT	N/A	
4.968	4.968	INTERSECTION	RIGHT	
5.025	5.025	CULVERT	N/A	
5.051	5.051	CULVERT	N/A	
5.114	5.114	CULVERT	N/A	
5.208	5.208	CULVERT	N/A	

CRLA: ROUTE MAINTENANCE FEATURES ROAD LOG

ROUTE 0014 : WEST RIM DRIVE

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
5.365	5.365	CULVERT	N/A	
5.394	5.394	CULVERT	N/A	
5.489	5.489	INTERSECTION	RIGHT	
5.672	5.672	INTERSECTION	RIGHT	RTE 906, GLACIAL VALLEYS
5.848	5.848	INTERSECTION	RIGHT	RTE 907, NORTH JUNCTION PARKING
5.908	5.908	INTERSECTION	RIGHT	INTERSECTION OF RTES 010 AND 013
5.910	5.910			ROUTE ENDS AT RTE 010

CRLA: ROUTE MAINTENANCE FEATURES ROAD LOG

ROUTE 0100 : PINNACLES ROAD

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.000	0.000			ROUTE BEGINS AT RTE 013 @ MP 149 LEFT
0.006	0.006	INTERSECTION	RIGHT	RTE 013
0.010	0.010	INTERSECTION	LEFT	RTE 013
0.049	0.049	CULVERT	N/A	
0.118	0.118	CULVERT	N/A	
0.309	0.309	CULVERT	N/A	
0.699	0.699	CULVERT	N/A	
0.823	0.823	CULVERT	N/A	
1.279	1.279	INTERSECTION	LEFT	
1.536	1.536	CULVERT	N/A	
2.202	2.202	CULVERT	N/A	
2.689	2.689	INTERSECTION	RIGHT	RTE 205, LOST CREEK CAMPGROUND
3.116	3.116	INTERSECTION	RIGHT	RTE 206, GRAYBACK DRIVE
3.777	3.800	PULLOUT	LEFT	
4.637	4.637	INTERSECTION	LEFT	
4.681	4.681	INTERSECTION	LEFT	
4.703	4.703	INTERSECTION	LEFT	
5.031	5.031	CULVERT	N/A	
5.899	5.899	INTERSECTION	LEFT	RTE 940, THE PINNACLES OVERLOOK
5.900	5.900			ROUTE ENDS AT RTE 940

CRLA: ROUTE MAINTENANCE FEATURES ROAD LOG

ROUTE 0200 : MAZAMA CAMPGROUND ACCESS ROAD

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.000	0.000			ROUTE BEGINS AT RTE 012 @ MP 03 RIGHT
0.006	0.006	INTERSECTION	LEFT	RTE 012
0.006	0.006	INTERSECTION	RIGHT	RTE 012
0.126	0.126	INTERSECTION	LEFT	RTE 208, MAZAMA CAMPGROUND STORE ROAD
0.156	0.156	INTERSECTION	LEFT	
0.166	0.166	INTERSECTION	LEFT	RTE 947, MAZAMA STORE PARKING
0.205	0.205	INTERSECTION	LEFT	RTE 203A, MAZAMA CAMPGROUND LOOP
0.255	0.255	INTERSECTION	LEFT	RTE 203B, MAZAMA CAMPGROUND LOOP
0.276	0.276	INTERSECTION	RIGHT	
0.286	0.286	INTERSECTION	RIGHT	RTE 208, MAZAMA CAMPGROUND STORE ROAD
0.310	0.310	INTERSECTION	LEFT	RTE 203B, MAZAMA CAMPGROUND LOOP
0.335	0.335	INTERSECTION	LEFT	RTE 203B, MAZAMA CAMPGROUND LOOP
0.339	0.339	INTERSECTION	LEFT	RTE 203C, MAZAMA CAMPGROUND LOOP
0.374	0.374	INTERSECTION	LEFT	RTE 203C, MAZAMA CAMPGROUND LOOP
0.376	0.376	INTERSECTION	RIGHT	
0.403	0.403	INTERSECTION	RIGHT	
0.405	0.405	INTERSECTION	LEFT	RTE 203D, MAZAMA CAMPGROUND LOOP
0.436	0.436	INTERSECTION	LEFT	RTE 203D, MAZAMA CAMPGROUND LOOP
0.464	0.464	INTERSECTION	LEFT	RTE 203E, MAZAMA CAMPGROUND LOOP
0.501	0.501	INTERSECTION	LEFT	RTE 203E, MAZAMA CAMPGROUND LOOP

CRLA: ROUTE MAINTENANCE FEATURES ROAD LOG

ROUTE 0200 : MAZAMA CAMPGROUND ACCESS ROAD

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.522	0.522	INTERSECTION	LEFT	RTE 203F, MAZAMA CAMPGROUND LOOP
0.575	0.575	INTERSECTION	LEFT	
0.632	0.632	INTERSECTION	RIGHT	
0.651	0.651	INTERSECTION	LEFT	
0.666	0.666	INTERSECTION	LEFT	
0.671	0.671	INTERSECTION	RIGHT	RTE 200
0.680	0.680			ROUTE ENDS AT RTE 203F/203G

CRLA: ROUTE MAINTENANCE FEATURES ROAD LOG

ROUTE 0201 : CLOUDCAP VIEWPOINT ROAD

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.000	0.000			ROUTE BEGINS AT RTE 013 @ MP 110 RIGHT
0.008	0.008	INTERSECTION	RIGHT	RTE 013
0.017	0.017	INTERSECTION	LEFT	RTE 013
0.201	0.201	INTERSECTION	LEFT	UNKNOWN ROAD
0.268	0.268	INTERSECTION	RIGHT	RTE 945, MOUNT SCOTT OVERLOOK
0.550	0.550	CULVERT	N/A	
0.715	0.715	CULVERT	N/A	
0.767	0.767	CULVERT	N/A	
0.882	0.882	CULVERT	N/A	
1.033	1.033	INTERSECTION	LEFT	RTE 201, END OF LOOP
1.099	1.129	CURB	RIGHT	
1.110	1.110	INTERSECTION	RIGHT	RTE 935
1.170	1.170			ROUTE ENDS AT RTE 935
1.170	1.170	INTERSECTION	LEFT	RTE 201, END OF LOOP

CRLA: ROUTE MAINTENANCE FEATURES ROAD LOG

ROUTE 0204 : VIDAE FALLS PICNIC AREA

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.000	0.000			ROUTE BEGINS AT RTE 013 @ MP 201 LEFT
0.007	0.007	INTERSECTION	LEFT	RTE 213
0.008	0.008	INTERSECTION	RIGHT	RTE 213
0.065	0.065	CULVERT	N/A	
0.230	0.230			ROUTE ENDS AT PICNIC AREA
0.233	0.233	INTERSECTION	LEFT	PICNIC AREA
0.234	0.234	INTERSECTION	RIGHT	PICNIC AREA

CRLA: ROUTE MAINTENANCE FEATURES ROAD LOG

ROUTE 0208 : MAZAMA CAMPGROUND STORE ROAD

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
		NO MAINTENANCE FEATURES IN ROUTE.		
0.000	0.000			ROUTE BEGINS AT RTE 200 @ MP 013 RIGHT AROUND RTE 947
0.000	0.000			ROUTE ENDS AT RTE 200

CRLA: ROUTE MAINTENANCE FEATURES ROAD LOG

ROUTE 0400 : MAZAMA DORMITORIES

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.000	0.000			ROUTE BEGINS AT RTE 011 @ MP 84 RIGHT
0.001	0.001	CULVERT	N/A	
0.008	0.008	INTERSECTION	LEFT	RTE 011
0.009	0.009	INTERSECTION	RIGHT	RTE 011
0.077	0.077	INTERSECTION	LEFT	
0.116	0.116	INTERSECTION	LEFT	RTE 400, END OF LOOP
0.153	0.153	INTERSECTION	LEFT	RTE 912
0.183	0.183	LOW WATER CROSSING	RIGHT	
0.229	0.229	INTERSECTION	RIGHT	
0.288	0.305	PULLOUT	LEFT	
0.375	0.403	PULLOUT	LEFT	
0.380	0.380	INTERSECTION	RIGHT	RTE 913
0.396	0.396	INTERSECTION	RIGHT	RTE 913
0.420	0.420			ROUTE ENDS AT END OF LOOP
0.423	0.423	INTERSECTION	LEFT	END OF LOOP

CRLA: ROUTE MAINTENANCE FEATURES ROAD LOG

ROUTE 0403 : CRATER LAKE LODGE RESIDENCE ROAD

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.000	0.000			ROUTE BEGINS AT RTE 924
0.007	0.007	INTERSECTION	RIGHT	RTE 924
0.008	0.008	INTERSECTION	LEFT	RTE 924
0.120	0.120			ROUTE ENDS AT RTE 925
0.124	0.124	INTERSECTION	LEFT	RTE 925
0.127	0.127	INTERSECTION	RIGHT	RTE 925

CRLA: ROUTE MAINTENANCE FEATURES ROAD LOG

ROUTE 0404 : HEADQUATERS RESIDENCE ROAD

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
		NO MAINTENANCE FEATURES IN ROUTE.		
0.000	0.000			ROUTE BEGINS AT RTE 921
0.000	0.000			ROUTE ENDS AT END OF LOOP

APPENDIX A: GLOSSARY OF TERMS AND ABBREVIATIONS

TERM OR ABBREVIATION	DESCRIPTION OR DEFINITION
9320	Numeric Code for Crater Lake National Park
AADT	Annually Adjusted Daily Traffic. Average daily traffic adjusted for the term period comprising 80% of annual visitation
CRLA	Alpha Code for Crater Lake 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 ocurr 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 Disitress 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 the 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_CLASS	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	XXXXXXXX	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	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
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	XXXXXXXXXX	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	XXXXXXXX	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%
VISI_FROM	999999 (millimiles)	Raw MP of first video frame showing feature	Contractor Post-processing	Database Processing	Untested
VISI_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	999.999999	Latitude coordinate	ARAN Data Collection	Automatic Output	See GPS Metadata sheet distributed with data
GPS_LON	-999.999999	Longitude coordinate	ARAN Data Collection	Automatic Output	See GPS Metadata sheet distributed with data
GPS_ELEV	99999.9	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	<*Park*>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_FLAG	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	XXXXXXXX	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%
VISI_FROM	999999 (millimiles)	Raw MP of first video frame in section	Contractor Post-processing	Database Processing	Untested
VISI_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 a e le e ada a

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 ection 10 of the PD report provided on your park D.

All shapefiles have the following spatial characteristics:

Geographic_Coordinate_Units: Decimal degrees
Spheroid: 1984

crla_pkg_03

Metadata also available as

Metadata:

Identification_Information:
Citation:
Citation_Information:
Originator: Eastern Federal Lands Highway Division
Publication_Date: Unknown
Title: crla_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: 8/11/99
Currentness_Reference: ground condition
Status:
Progress: Complete
Maintenance_and_Update_Frequency: As per RIP cycle
Spatial_Domain:
Bounding_Coordinates:
West_Bounding_Coordinate: -122.265934
East_Bounding_Coordinate: -122.007031
North_Bounding_Coordinate: 43.076505
South_Bounding_Coordinate: 42.770509
Keywords:
Theme:
Theme_Keyword_Thesaurus: CRLA
Theme_Keyword: CRLA
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 5.1 (Build 2600) Service Pack 2; 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: 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: crla_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: 20050512
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 May 12 17:35:46 2005

crla_pkg_03_map

Metadata also available as

Metadata:

Identification_Information:
Citation:
Citation_Information:
Originator: Eastern Federal Lands Highway Division
Publication_Date: Unknown
Title: crla_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: 8/11/99
Currentness_Reference: ground condition
Status:
Progress: Complete
Maintenance_and_Update_Frequency: As per RIP cycle
Spatial_Domain:
Bounding_Coordinates:
West_Bounding_Coordinate: -122.265961
East_Bounding_Coordinate: -122.007172
North_Bounding_Coordinate: 43.076483
South_Bounding_Coordinate: 42.770509
Keywords:
Theme:
Theme_Keyword_Thesaurus: CRLA
Theme_Keyword: CRLA
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 5.1 (Build 2600) Service Pack 2; 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: 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: crla_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: 20050512
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 May 12 17:36:02 2005

crla_nonnps

Metadata also available as

Metadata:

Identification_Information:
Citation:
Citation_Information:
Originator: The TSR Group
Publication_Date: 2005
Title: crla_nonnps
Geospatial_Data_Presentation_Form: vector digital data
Online_Linkage: Not Available
Description:
Abstract: non-NPS roads
Purpose: Road Inventory Program
Supplemental_Information:
Data created by The TSR Group from heads-up digitizing of roads representing non-NPS roads for graphic purposes
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: -122.064907
East_Bounding_Coordinate: -122.062400
North_Bounding_Coordinate: 42.770833
South_Bounding_Coordinate: 42.770203
Keywords:
Theme:
Theme_Keyword_Thesaurus: CRLA
Theme_Keyword: CRLA
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 5.1 (Build 2600) Service Pack 2; ESRI ArcCatalog 8.3.0.800

Data_Quality_Information:
Attribute_Accuracy:
Attribute_Accuracy_Report: Good
Completeness_Report: Complete for non-NPS roads
Lineage:
Source_Information:
Type_of_Source_Media: Heads-up digitized

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: 1

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: crla_nonnps
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: ID
Attribute_Definition: Name of road if available
Attribute:
Attribute_Label: NAME

Distribution_Information:
Resource_Description: Downloadable Data
Standard_Order_Process:
Digital_Form:
Digital_Transfer_Information:
Transfer_Size: 0.008

Metadata_Reference_Information:
Metadata_Date: 20050512
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 May 12 17:38:09 2005

crla_mrp_03

Metadata also available as

Metadata:

Identification_Information:
Citation:
Citation_Information:
Originator: Eastern Federal Lands Highway Division
Publication_Date: Unknown
Title: crla_mrp_03
Geospatial_Data_Presentation_Form: vector digital data
Online_Linkage: Not Available
Description:
Abstract: Manually Rated Roads - Polygons
Purpose: Road Inventory Program
Time_Period_of_Content:
Time_Period_Information:
Single_Date/Time:
Calendar_Date: 8/11/1999
Currentness_Reference: ground condition
Status:
Progress: Complete
Maintenance_and_Update_Frequency: As per RIP cycle
Spatial_Domain:
Bounding_Coordinates:
West_Bounding_Coordinate: -122.167663
East_Bounding_Coordinate: -122.133659
North_Bounding_Coordinate: 42.910677
South_Bounding_Coordinate: 42.862260
Keywords:
Theme:
Theme_Keyword_Thesaurus: CRLA
Theme_Keyword: CRLA
Access_Constraints: None
Use_Constraints: None
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 5.1 (Build 2600) Service Pack 2; ESRI ArcCatalog 8.3.0.800

Data_Quality_Information:
Attribute_Accuracy:
Attribute_Accuracy_Report: Good
Completeness_Report: Complete for manually rated roads.
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: 12

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: crla_mrp_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: SECTION_
Attribute_Definition: Route section ID
Attribute:
Attribute_Label: SURF_TYPE
Attribute_Definition: Surface type of route
Attribute:
Attribute_Label: CONDITION
Attribute_Definition: Condition rating
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: Area of manually rated road in squre feet

Distribution_Information:
Resource_Description: Downloadable Data
Standard_Order_Process:
Digital_Form:
Digital_Transfer_Information:
Transfer_Size: 0.187

Metadata_Reference_Information:
Metadata_Date: 20050512
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 May 12 17:35:11 2005

crla_mrp_03_map

Metadata also available as

Metadata:

Identification_Information:
Citation:
Citation_Information:
Originator: Eastern Federal Lands Highway Division
Publication_Date: Unknown
Title: crla_mrp_03_map
Geospatial_Data_Presentation_Form: vector digital data
Online_Linkage: Not Available
Description:
Abstract: Manually Rated Roads - Polygons
Purpose: Road Inventory Program
Time_Period_of_Content:
Time_Period_Information:
Single_Date/Time:
Calendar_Date: 8/11/99
Currentness_Reference: ground condition
Status:
Progress: Complete
Maintenance_and_Update_Frequency: As per RIP cycle
Spatial_Domain:
Bounding_Coordinates:
West_Bounding_Coordinate: -122.167663
East_Bounding_Coordinate: -122.133347
North_Bounding_Coordinate: 42.910622
South_Bounding_Coordinate: 42.862260
Keywords:
Theme:
Theme_Keyword_Thesaurus: CRLA
Theme_Keyword: CRLA
Access_Constraints: None
Use_Constraints: None
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 5.1 (Build 2600) Service Pack 2; ESRI ArcCatalog 8.3.0.800

Data_Quality_Information:
Attribute_Accuracy:
Attribute_Accuracy_Report: Good
Completeness_Report: Complete for manually rated roads.
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: 12

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: crla_mrp_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: SECTION_
Attribute_Definition: Route section ID
Attribute:
Attribute_Label: SURF_TYPE
Attribute_Definition: Surface type of route
Attribute:
Attribute_Label: CONDITION
Attribute_Definition: Condition rating
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: Area of manually rated road in squre feet

Distribution_Information:
Resource_Description: Downloadable Data
Standard_Order_Process:
Digital_Form:
Digital_Transfer_Information:
Transfer_Size: 0.187

Metadata_Reference_Information:
Metadata_Date: 20050512
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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crla_mrl_03

Metadata also available as

Metadata:

Identification_Information:
Citation:
Citation_Information:
Originator: Eastern Federal Lands Highway Division
Publication_Date: Published Materials
Title: crla_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: 7/26/02
Currentness_Reference: ground condition
Status:
Progress: Complete
Maintenance_and_Update_Frequency: As per RIP cycle
Spatial_Domain:
Bounding_Coordinates:
West_Bounding_Coordinate: -122.064641
East_Bounding_Coordinate: -122.062243
North_Bounding_Coordinate: 42.770621
South_Bounding_Coordinate: 42.769567
Keywords:
Theme:
Theme_Keyword_Thesaurus: CRLA
Theme_Keyword: CRLA
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 5.1 (Build 2600) Service Pack 2; 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: String
Point_and_Vector_Object_Count: 1

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: crla_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: PAVE_WIDTH
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: 20050512
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 May 12 17:34:41 2005

crla_mrl_03_map

Metadata also available as

Metadata:

Identification_Information:
Citation:
Citation_Information:
Originator: Eastern Federal Lands Highway Division
Publication_Date: Published Materials
Title: crla_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: 7/23/02
Currentness_Reference: ground condition
Status:
Progress: Complete
Maintenance_and_Update_Frequency: As per RIP cycle
Spatial_Domain:
Bounding_Coordinates:
West_Bounding_Coordinate: -122.064641
East_Bounding_Coordinate: -122.062243
North_Bounding_Coordinate: 42.770621
South_Bounding_Coordinate: 42.769567
Keywords:
Theme:
Theme_Keyword_Thesaurus: CRLA
Theme_Keyword: CRLA
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 5.1 (Build 2600) Service Pack 2; 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: String
Point_and_Vector_Object_Count: 1

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: crla_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: PAVE_WIDTH
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: 20050512
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 May 12 17:34:59 2005

crla_mi_pt

Metadata also available as

Metadata:

Identification_Information:
Citation:
Citation_Information:
Originator: The TSR Group
Publication_Date: 2005
Title: crla_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: -122.283096
East_Bounding_Coordinate: -122.017250
North_Bounding_Coordinate: 43.086384
South_Bounding_Coordinate: 42.774052
Keywords:
Theme:
Theme_Keyword_Thesaurus: CRLA
Theme_Keyword: CRLA
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 5.1 (Build 2600) Service Pack 2; 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: 78

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: crla_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 shouler 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: Rigth 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_FLA
Attribute_Definition: Flag indicating presence of bridge in interval
Attribute_Definition_Source: ARAN Data Collection
Attribute:
Attribute_Label: CONSTR_FLA
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: 20050512
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 May 12 17:37:54 2005

crla_mi

Metadata also available as

Metadata:

Identification_Information:
Citation:
Citation_Information:
Originator: The TSR Group
Publication_Date: 2005
Title: crla_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: -122.283096
East_Bounding_Coordinate: -122.008545
North_Bounding_Coordinate: 43.087818
South_Bounding_Coordinate: 42.768459
Keywords:
Theme:
Theme_Keyword_Thesaurus: CRLA
Theme_Keyword: CRLA

Access_Constraints: None
Use_Constraints: Redistribution meeds 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 5.1 (Build 2600) Service Pack 2; 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: 68

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: crla_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: 20050512
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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crla_seg

Metadata also available as

Metadata:

Identification_Information:
Citation:
Citation_Information:
Originator: The TSR Group
Publication_Date: 2005
Title: crla_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: -122.283096
East_Bounding_Coordinate: -122.008545
North_Bounding_Coordinate: 43.087818
South_Bounding_Coordinate: 42.768459
Keywords:
Theme:
Theme_Keyword_Thesaurus: CRLA
Theme_Keyword: CRLA

Access_Constraints: None
Use_Constraints: Redistribution meeds 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
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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 5.1 (Build 2600) Service Pack 2; 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: 403

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: crla_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: 20050512
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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