national park service

The Road Inventory
of
Crater Lake National Park
CRLA – 9320
Cycle 4

Prepared By:
Federal Highway Administration
Road Inventory Program
Cycle 4

Crater Lake National Park
in
Oregon

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Crater Lake National Park

Section 1
Introduction

INTRODUCTION

Background: In 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 costs and programs to bring National Park Service (NPS) roads up to, or to maintain, designated standards, and 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 reestablished in the 1990's. The FLH completed two cycles of RIP data collection between 1994 and 2001. Cycle 1 was collected in 44 large parks from 1994 to 1996. 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". Cycle 3 was completed from 2001 through 2004, and included data collection in all parks that contain pavement.

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 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 4: Cycle 4 data collection was initiated in spring 2006, where 86 large parks, consisting of 5,553 route miles and 6,232 paved parking areas, were selected as a representative sample of the entire NPS paved road network. Cycle 4 is scheduled for completion in spring 2009 and will serve the PMS in further development of its pavement preservation techniques.

In the Cycle 4 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 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.

The FHWA RIP Team

FHWA/EFLHD
21400 Ridgetop Circle
Sterling, VA 20166
(703) 404-6371

FHWA/CFLHD
12300 West Dakota Ave.
Lakewood, CO 80228
(720) 963-3560

Crater Lake National Park

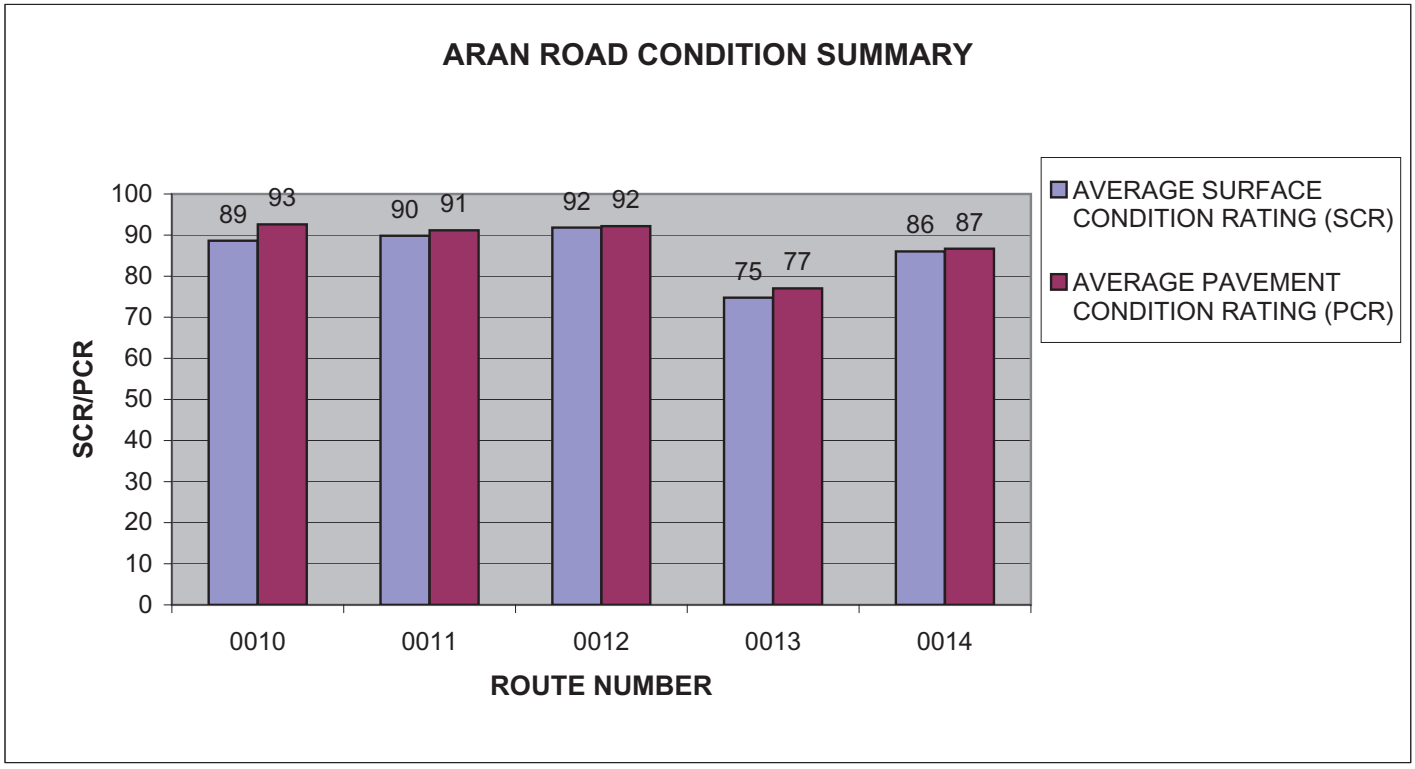
Section 2
Park Summary Information

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

F.C.	Pavement Condition Rating (PCR)								TOTAL MILES
	Poor (<=60)		Fair (61-84)		Good (85-94)		Excellent (95-100)		
	MILES	%	MILES	%	MILES	%	MILES	%	
1	3.91	5.25%	17.04	22.89%	21.28	28.59%	20.67	27.77%	**62.90**
2	3.26	4.38%	2.57	3.45%	1.08	1.45%	0.34	0.46%	**7.25**
3	1.97	2.65%	0.72	0.97%	0.28	0.38%	0.10	0.13%	**3.07**
4									
5	0.16	0.21%							**0.16**
6	0.47	0.63%	0.47	0.63%	0.11	0.15%			**1.05**
7									
8									
Totals	**9.77**	**13.12%**	**20.80**	**27.94%**	**22.75**	**30.56%**	**21.11**	**28.36%**	**74.43**

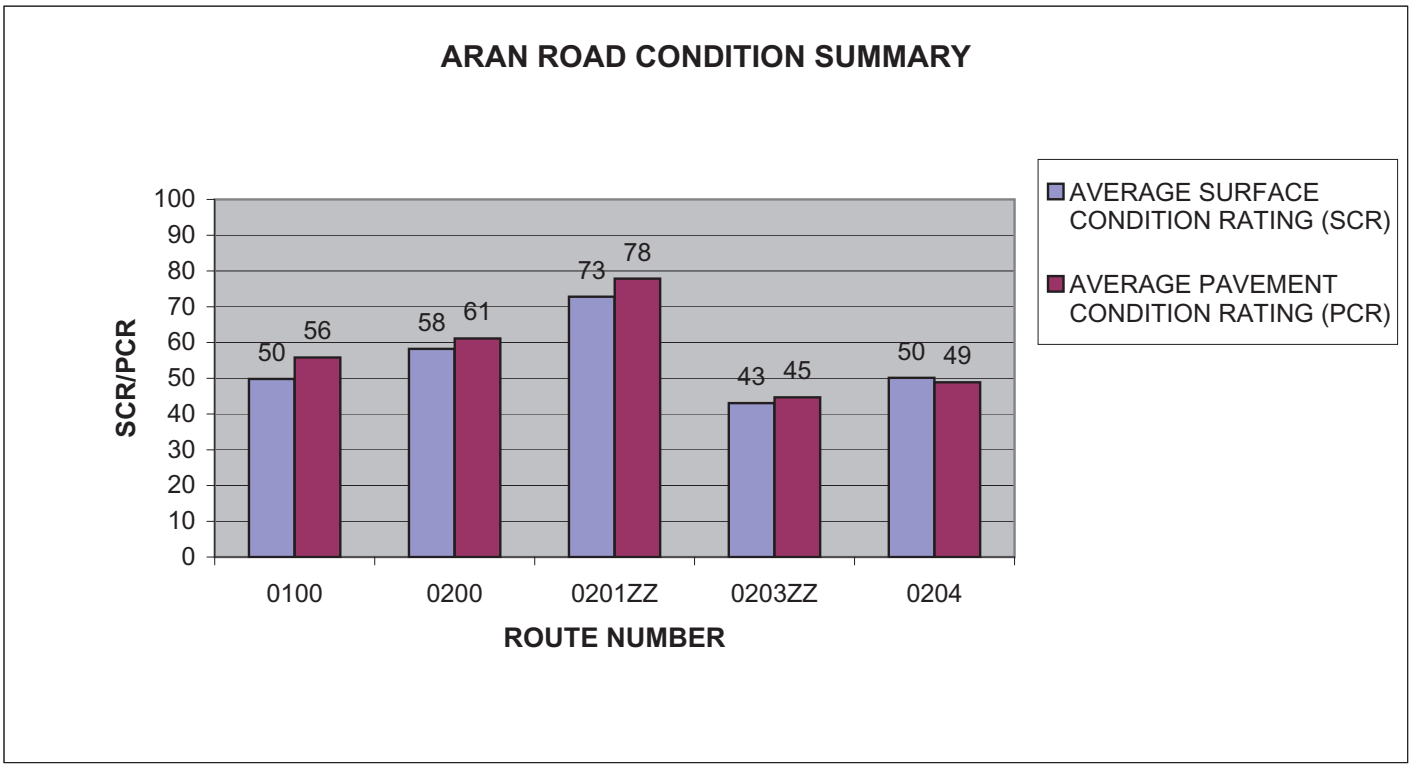
CRLA: ARAN ROAD CONDITION SUMMARY

ROUTE NUMBER	ROUTE NAME	FUNCT CLASS	ROUTE LENGTH	SURFACE TYPE	AVERAGE SURFACE CONDITION RATING (SCR)	AVERAGE PAVEMENT CONDITION RATING (PCR)
0010	NORTH ENTRANCE ROAD	1	9.15	ASPHALT	89	93
0011	CRATER LAKE HIGHWAY	1	17.43	ASPHALT	90	91
0012	MUNSON VALLEY ROAD	1	7.21	ASPHALT	92	92
0013	EAST RIM DRIVE	1	23.19	ASPHALT	75	77
0014	WEST RIM DRIVE	1	5.92	ASPHALT	86	87



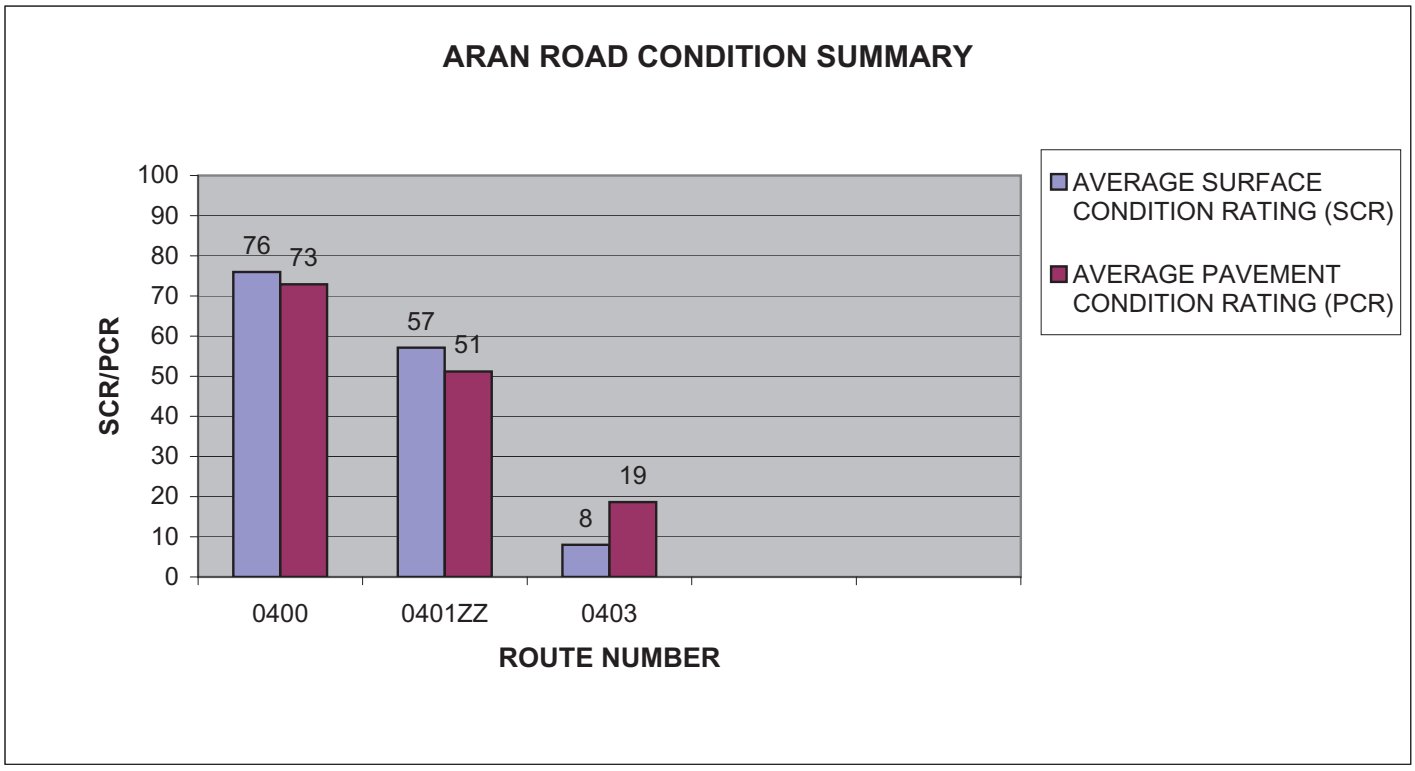
CRLA: ARAN ROAD CONDITION SUMMARY

ROUTE NUMBER	ROUTE NAME	FUNCT CLASS	ROUTE LENGTH	SURFACE TYPE	AVERAGE SURFACE CONDITION RATING (SCR)	AVERAGE PAVEMENT CONDITION RATING (PCR)
0100	PINNACLES ROAD	2	5.92	ASPHALT	50	56
0200	MAZAMA CAMPGROUND ACCESS ROAD	3	0.46	ASPHALT	58	61
0201ZZ	CLOUDCAP VIEWPOINT ROADS	2	1.33	ASPHALT	73	78
0203ZZ	MAZAMA CAMPGROUND ROADS	3	2.38	ASPHALT	43	45
0204	VIDAE FALLS PICNIC AREA	3	0.23	ASPHALT	50	49



CRLA: ARAN ROAD CONDITION SUMMARY

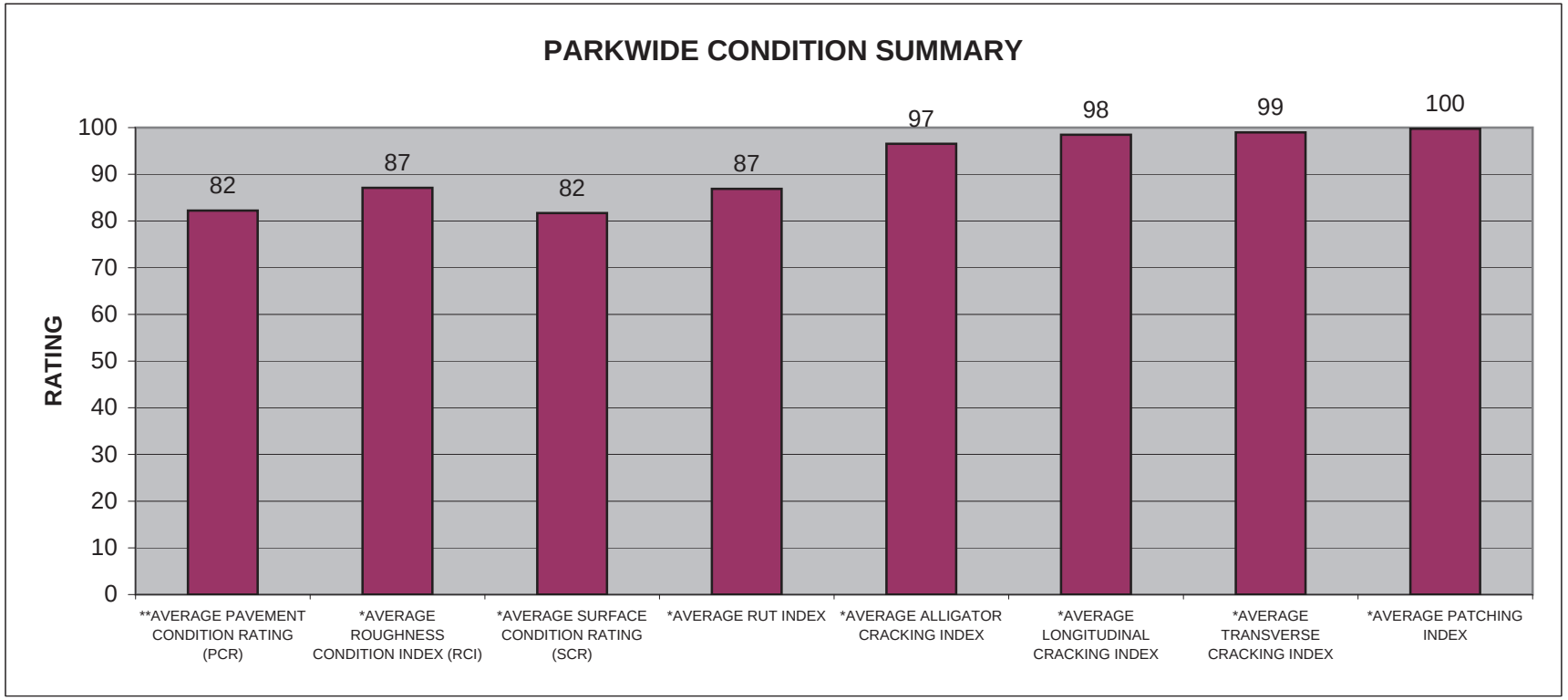
ROUTE NUMBER	ROUTE NAME	FUNCT CLASS	ROUTE LENGTH	SURFACE TYPE	AVERAGE SURFACE CONDITION RATING (SCR)	AVERAGE PAVEMENT CONDITION RATING (PCR)
0400	MAZAMA DORMITORIES	6	0.43	ASPHALT	76	73
0401ZZ	HEADQUARTERS RESIDENCE AREA ROADS	6	0.66	ASPHALT	57	51
0403	CRATER LAKE LODGE RESIDENCE ROAD	5	0.12	ASPHALT	8	19



CRLA: PARKWIDE CONDITION SUMMARY

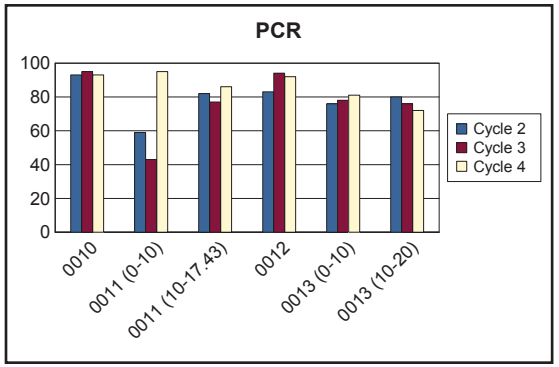
**AVERAGE PAVEMENT CONDITION RATING (PCR)	*AVERAGE ROUGHNESS CONDITION INDEX (RCI)	*AVERAGE SURFACE CONDITION RATING (SCR)	*AVERAGE RUT INDEX	*AVERAGE ALLIGATOR CRACKING INDEX	*AVERAGE LONGITUDINAL CRACKING INDEX	*AVERAGE TRANSVERSE CRACKING INDEX	*AVERAGE PATCHING INDEX
82	87	82	87	97	98	99	100

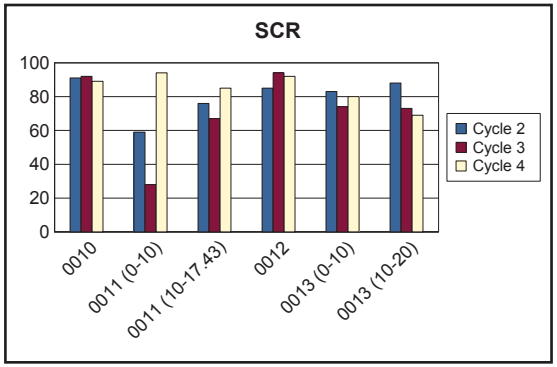
*** PCR Index is based on all ARAN-driven roads, parking areas, and manually rated routes.*
** Index values are based on ARAN-driven roads only.*

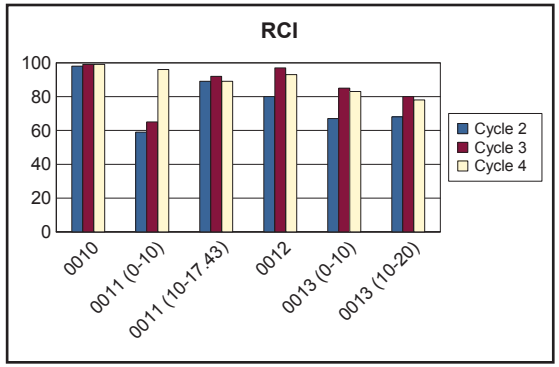


CRLA CYCLE 2 vs CYCLE 3 vs CYCLE 4 CONDITION COMPARISONS

ROUTE NUMBER	PAVED MILES	FROM MILEPOST	TO MILEPOST	PAVEMENT CONDITION RATING (PCR)				SURFACE CONDITION RATING (SCR)				ROUGHNESS CONDITION INDEX (RCI)				COMMENT
				CYCLE 2	CYCLE 3	CYCLE 4	PERCENT CHANGE	CYCLE 2	CYCLE 3	CYCLE 4	PERCENT CHANGE	CYCLE 2	CYCLE 3	CYCLE 4	PERCENT CHANGE	
0010	9.15	0.00	9.15	93	95	93	-2%	91	92	89	-3%	98	99	99	0%	
0011	10.00	0.00	10.00	59	43	95	+121%	59	28	94	+236%	59	65	96	+48%	
0011	7.43	10.00	17.43	82	77	86	+12%	76	67	85	+27%	89	92	89	-3%	
0012	7.21	0.00	7.21	83	94	92	-2%	85	94	92	-2%	80	97	93	-4%	
0013	10.00	0.00	10.00	76	78	81	+4%	83	74	80	+8%	67	85	83	-2%	
0013	10.00	10.00	20.00	80	76	72	-5%	88	73	69	-5%	68	80	78	-2%	



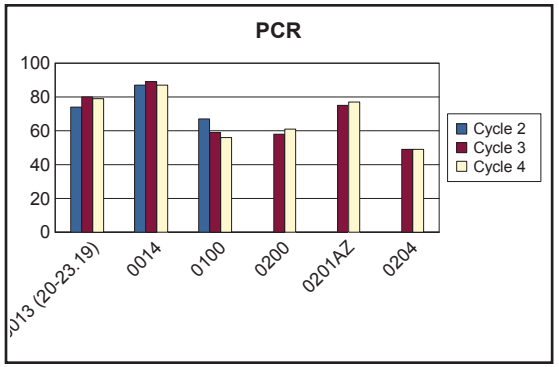


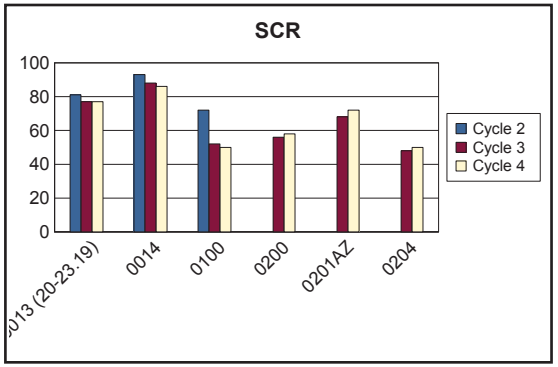


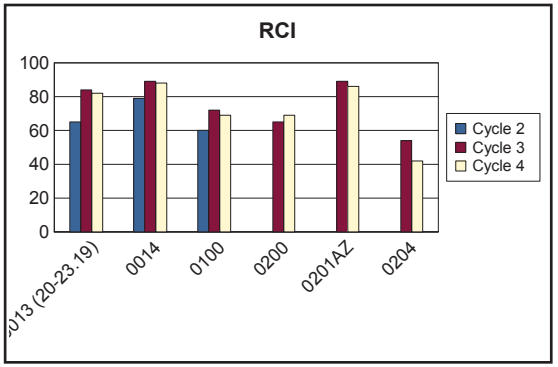
Cycle 4 Date Collected (9/9/08 - 9/10/08)

CRLA CYCLE 2 vs CYCLE 3 vs CYCLE 4 CONDITION COMPARISONS

				PAVEMENT CONDITION RATING (PCR)				SURFACE CONDITION RATING (SCR)				ROUGHNESS CONDITION INDEX (RCI)				
ROUTE NUMBER	PAVED MILES	FROM MILEPOST	TO MILEPOST	CYCLE 2	CYCLE 3	CYCLE 4	PERCENT CHANGE	CYCLE 2	CYCLE 3	CYCLE 4	PERCENT CHANGE	CYCLE 2	CYCLE 3	CYCLE 4	PERCENT CHANGE	COMMENT
0013	3.19	20.00	23.19	74	80	79	-1%	81	77	77	0%	65	84	82	-2%	
0014	5.92	0.00	5.92	87	89	87	-2%	93	88	86	-2%	79	89	88	-1%	
0100	5.92	0.00	5.92	67	59	56	-5%	72	52	50	-4%	60	72	69	-4%	
0200	0.68	0.00	0.68	N/A	58	61	+5%	N/A	56	58	+4%	N/A	65	69	+6%	
0201AZ	1.17	0.00	1.17	N/A	75	77	+3%	N/A	68	72	+6%	N/A	89	86	-3%	Route 0201AZ was Route 0201 in Cycle 3.
0204	0.23	0.00	0.23	N/A	49	49	0%	N/A	48	50	+4%	N/A	54	42	-22%	



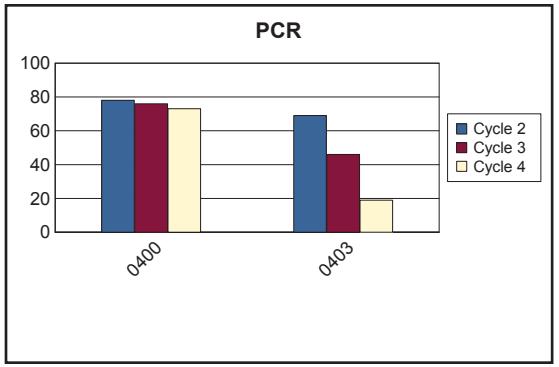


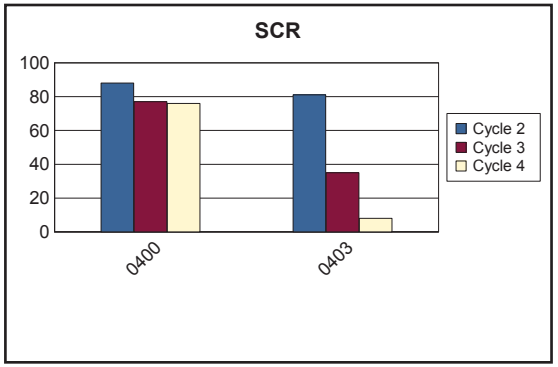


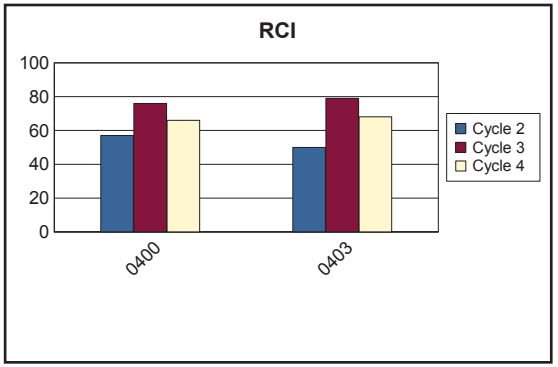
Cycle 4 Date Collected (9/9/08 - 9/10/08)

CRLA CYCLE 2 vs CYCLE 3 vs CYCLE 4 CONDITION COMPARISONS

ROUTE NUMBER	PAVED MILES	FROM MILEPOST	TO MILEPOST	PAVEMENT CONDITION RATING (PCR)				SURFACE CONDITION RATING (SCR)				ROUGHNESS CONDITION INDEX (RCI)				COMMENT
				CYCLE 2	CYCLE 3	CYCLE 4	PERCENT CHANGE	CYCLE 2	CYCLE 3	CYCLE 4	PERCENT CHANGE	CYCLE 2	CYCLE 3	CYCLE 4	PERCENT CHANGE	
0400	0.43	0.00	0.43	78	76	73	-4%	88	77	76	-1%	57	76	66	-13%	
0403	0.12	0.00	0.12	69	46	19	-59%	81	35	8	-77%	50	79	68	-14%	





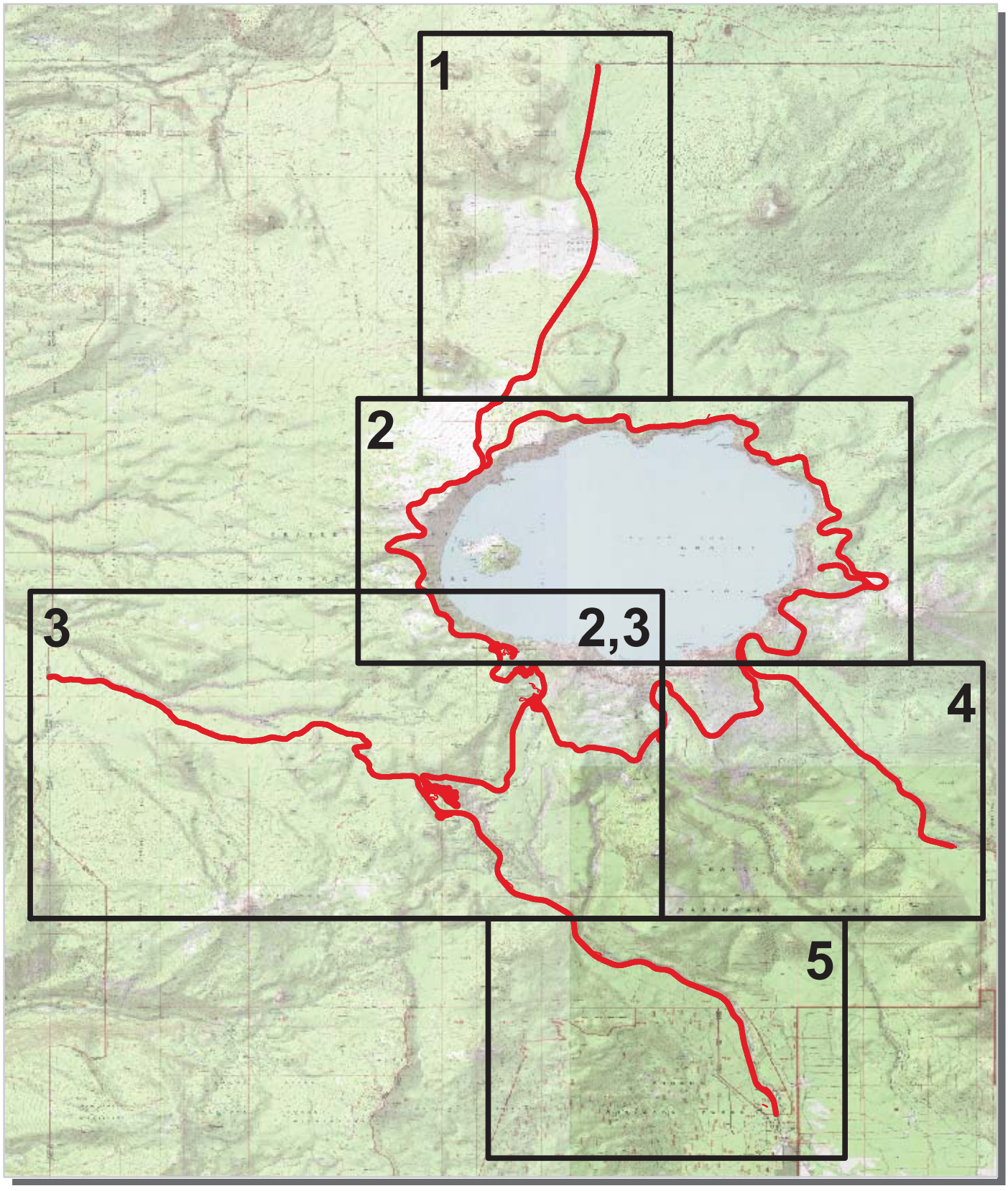


Cycle 4 Date Collected (9/9/08 - 9/10/08)

Crater Lake National Park

Section 3
Park Route Location / Condition Maps

Crater Lake National Park
Route Location Map
Key Map

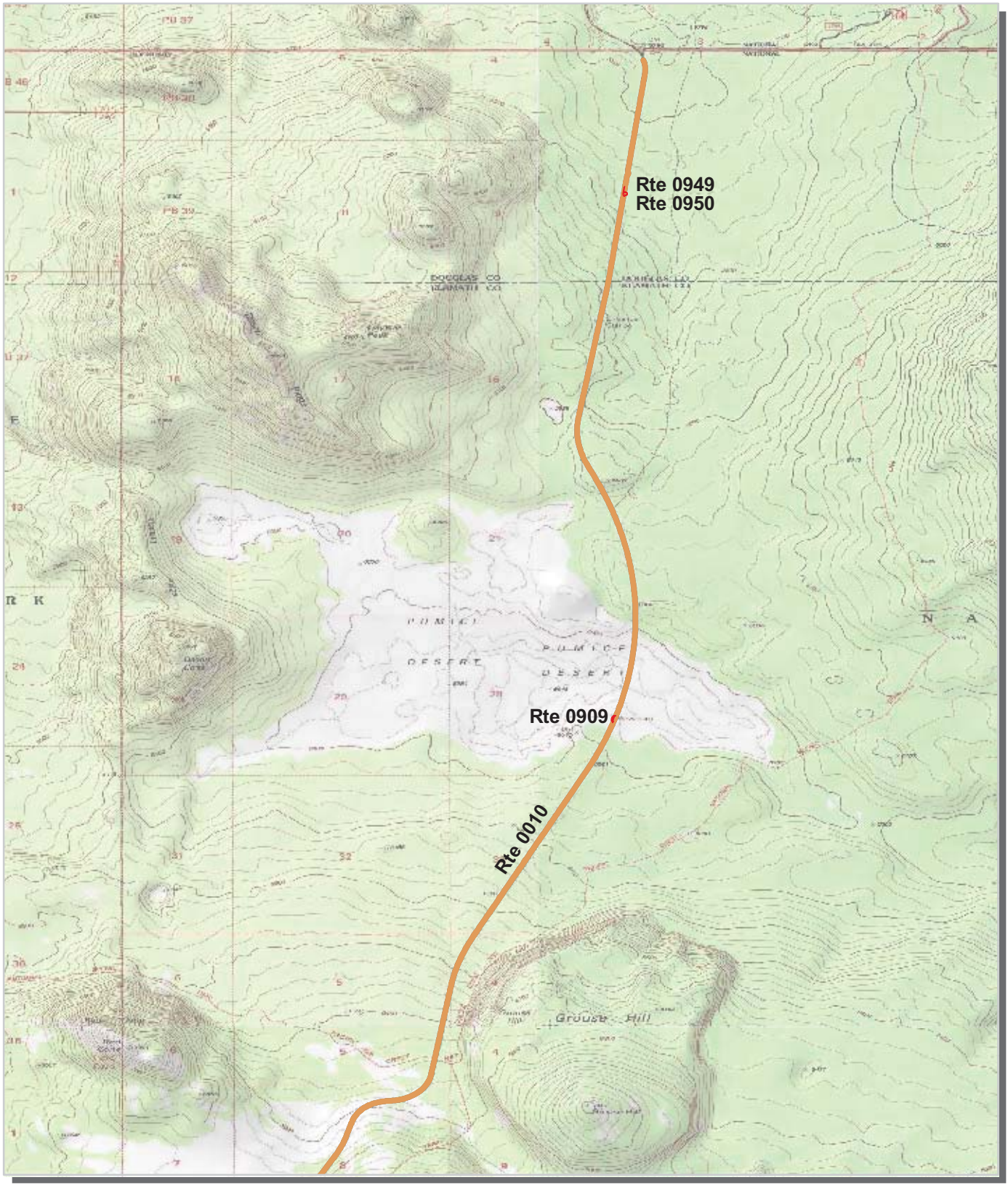


Park Owned Routes

3 1.5 0 3
Miles

N

Crater Lake National Park
Route Location Map
Area 1



Unique colors used to differentiate routes

1 0.5 0 1 Miles

N

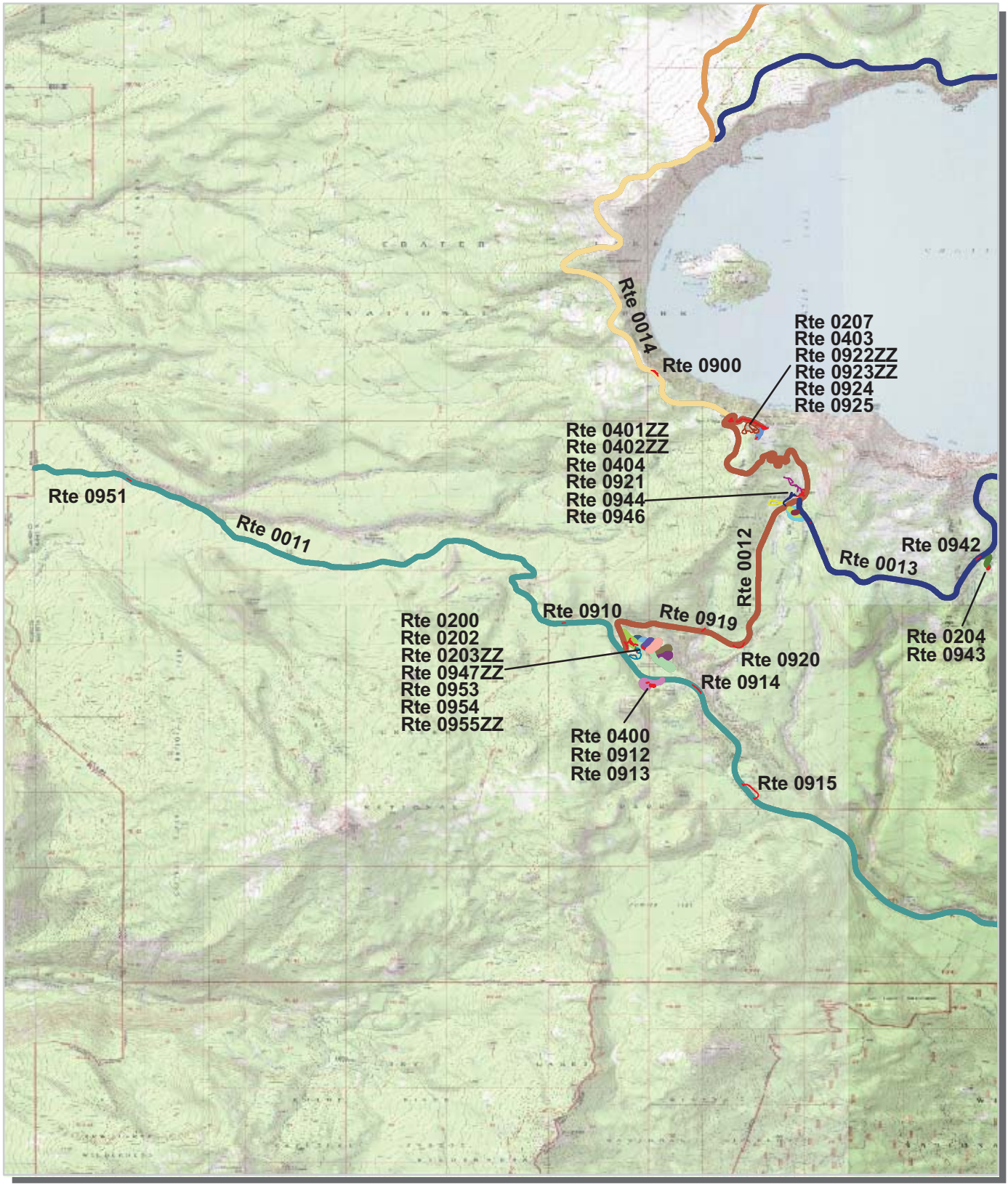
Crater Lake National Park
Route Location Map
Area 2

Unique colors used to differentiate routes

2 1 0 2 Miles

N

Crater Lake National Park
Route Location Map
Area 3

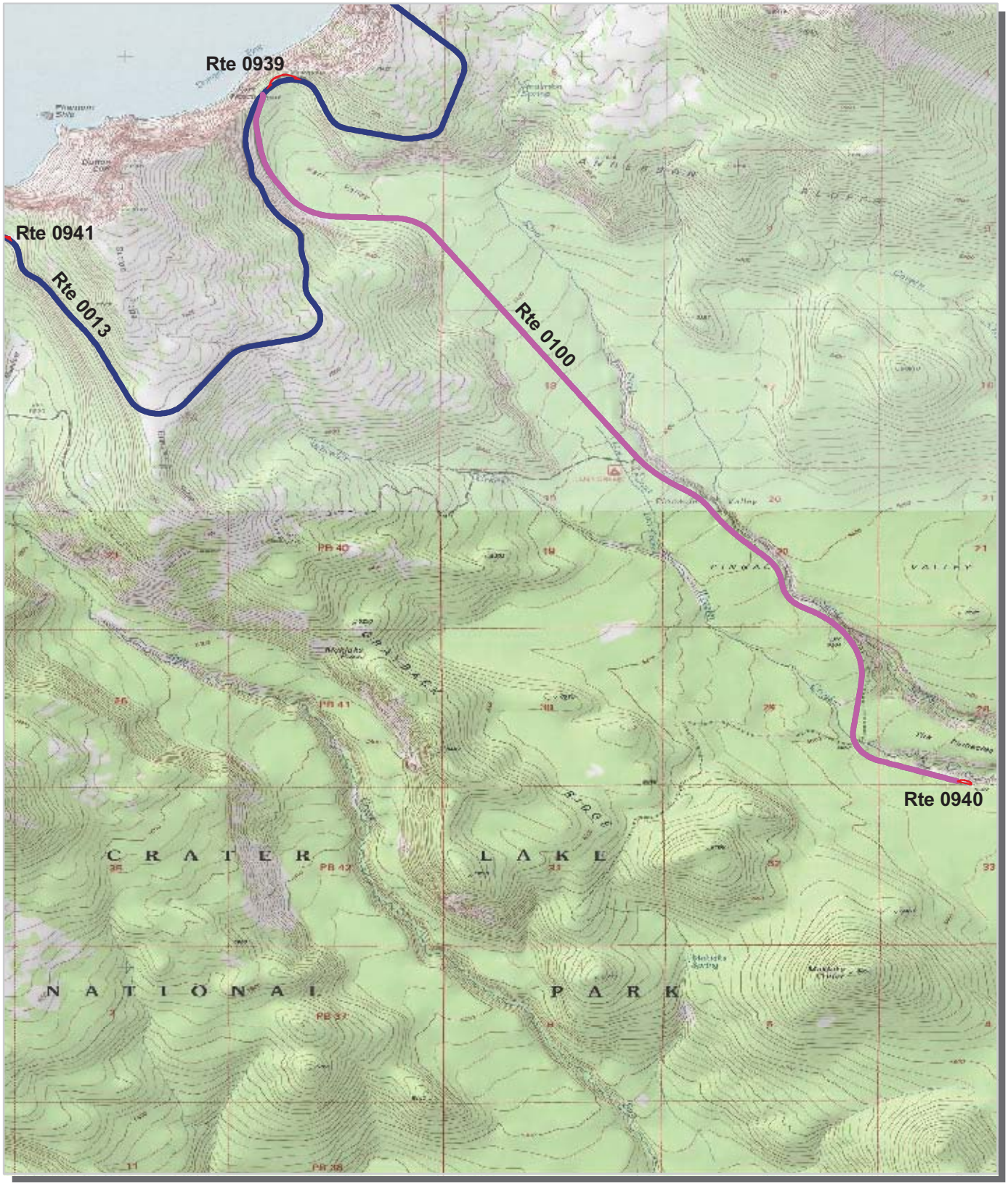


Unique colors used to differentiate routes

2 1 0 2 Miles

N

Crater Lake National Park
Route Location Map
Area 4

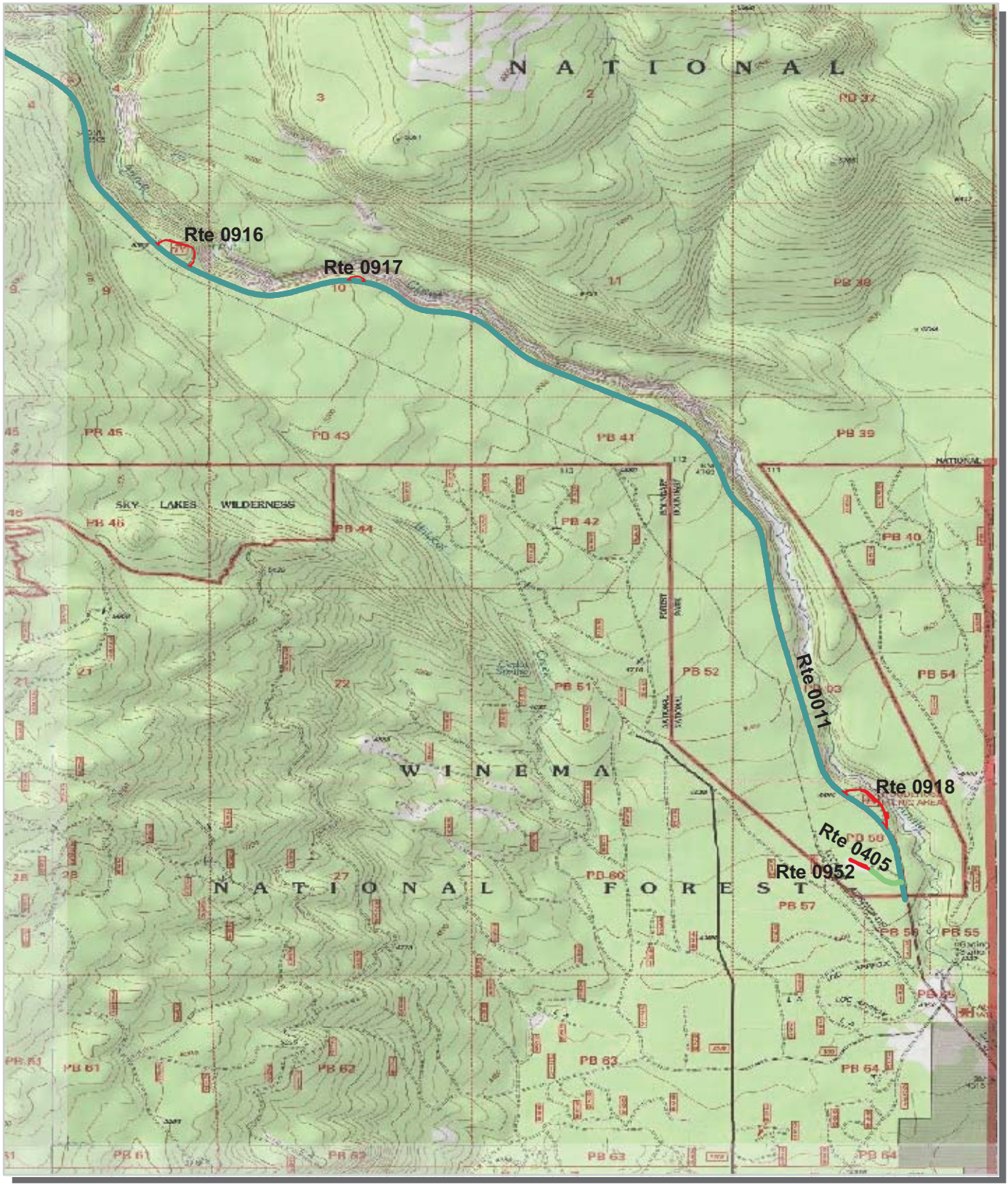


Unique colors used to differentiate routes

1 0.5 0 1 Miles

N

Crater Lake National Park
Route Location Map
Area 5

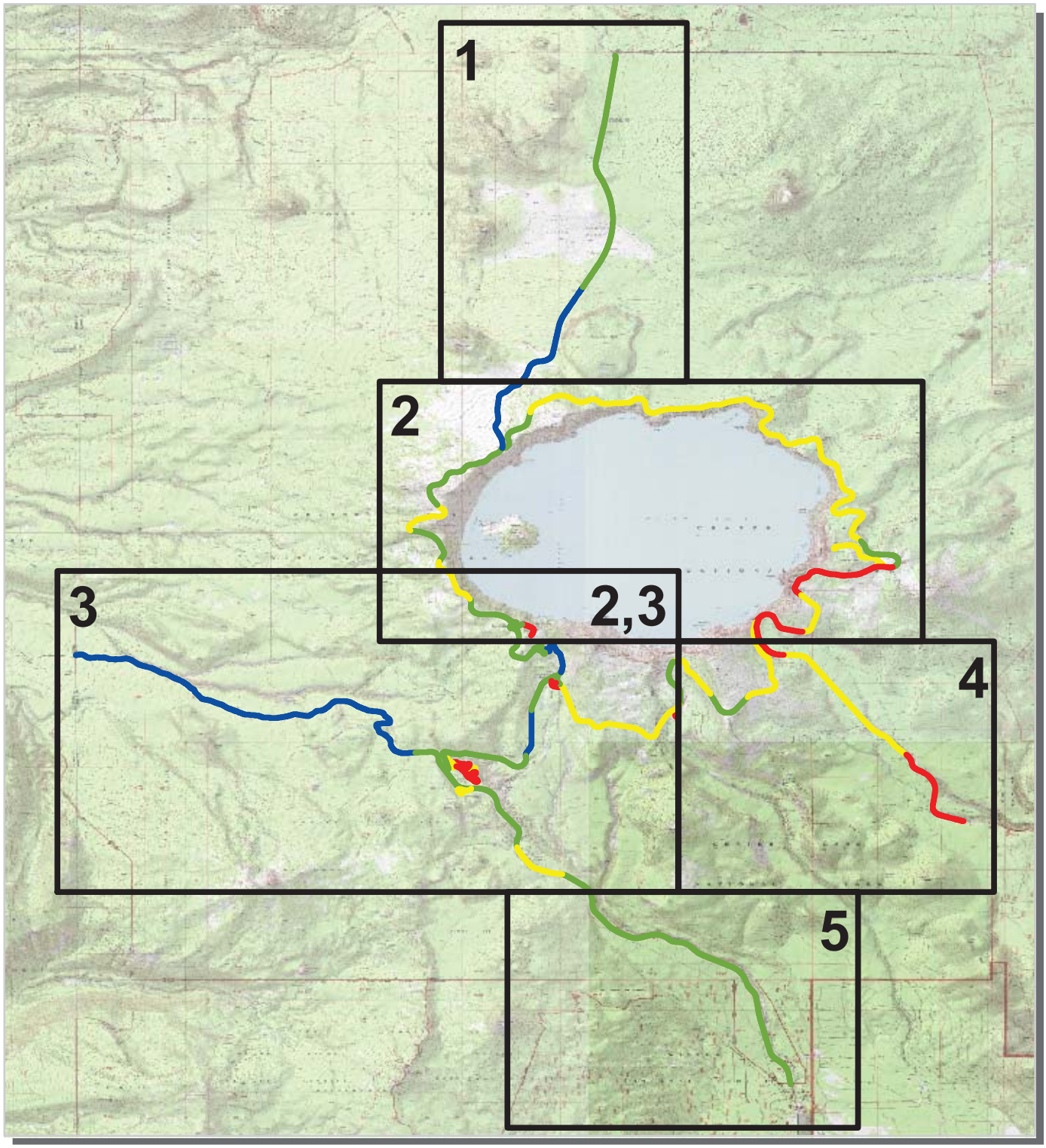


Unique colors used to differentiate routes

1 0.5 0 1 Miles

N

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



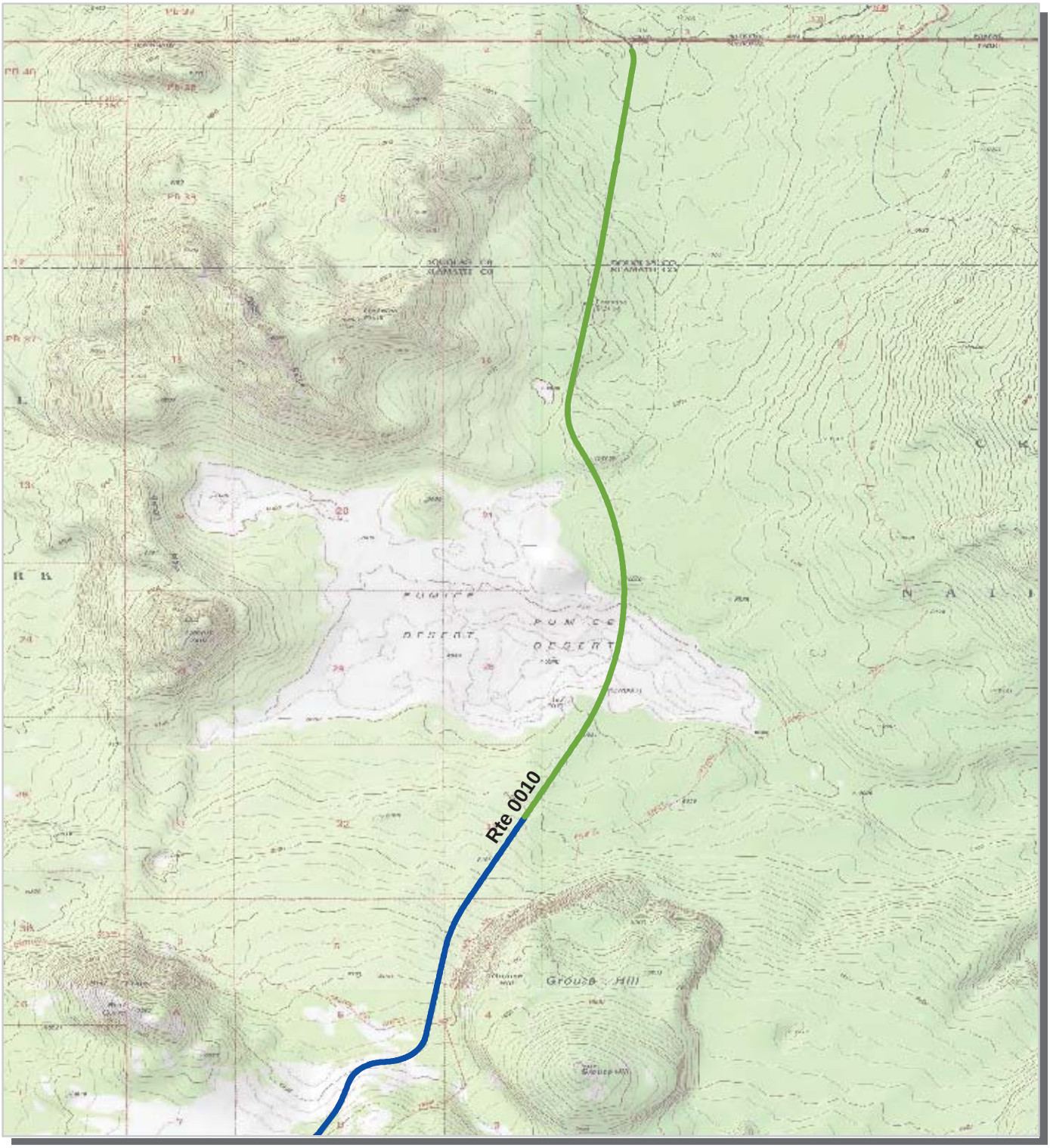
PCR Poor (<=60) Fair (61 - 84) Good (85 - 94) Excellent (95 - 100) No Data

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

3 1.5 0 3 Miles

N

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



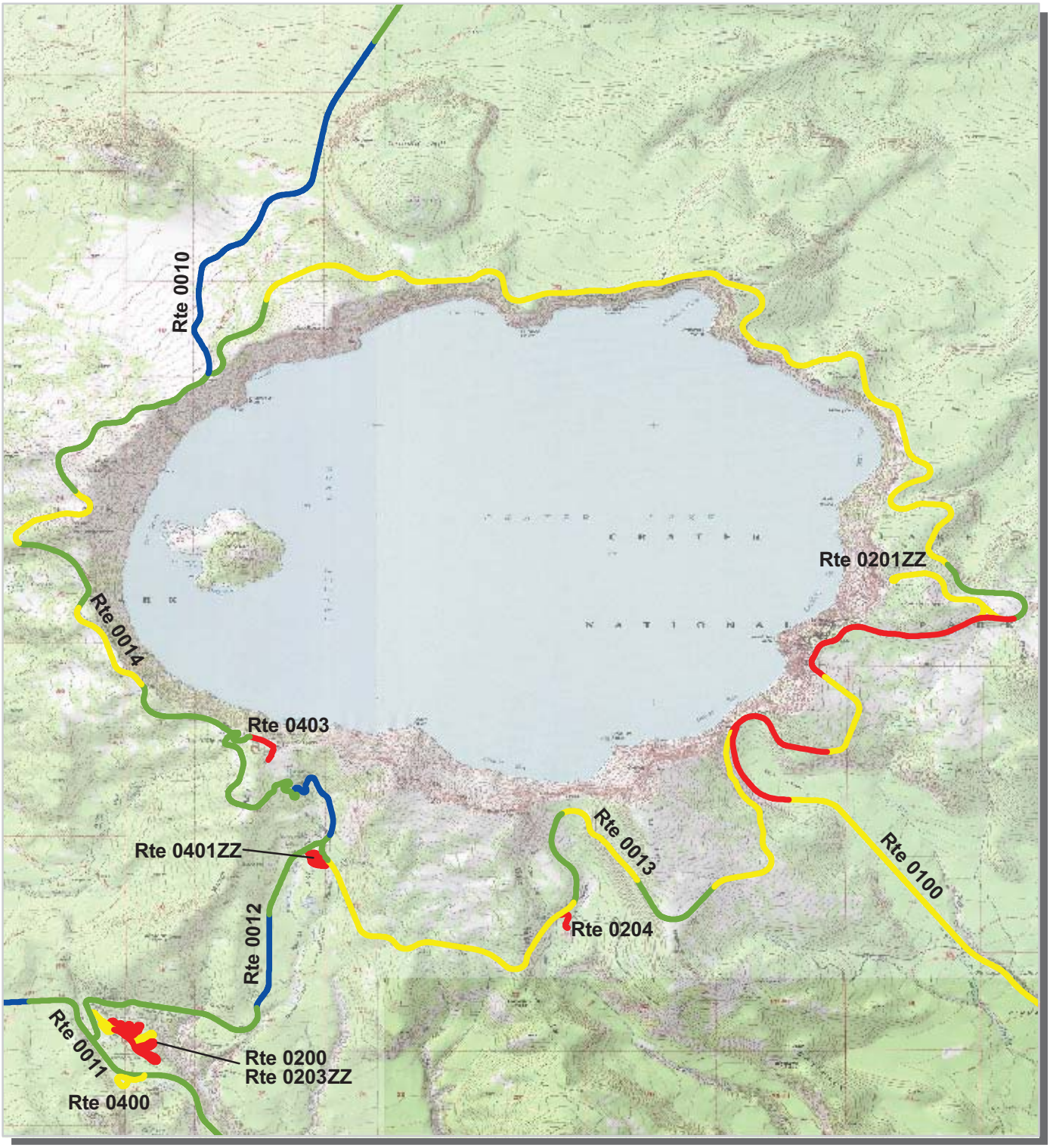
PCR	Poor	Fair	Good	Excellent	No Data
	(<=60)	(61 - 84)	(85 - 94)	(95 - 100)	

* 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 Map
PCR - Mile by Mile
Area 2



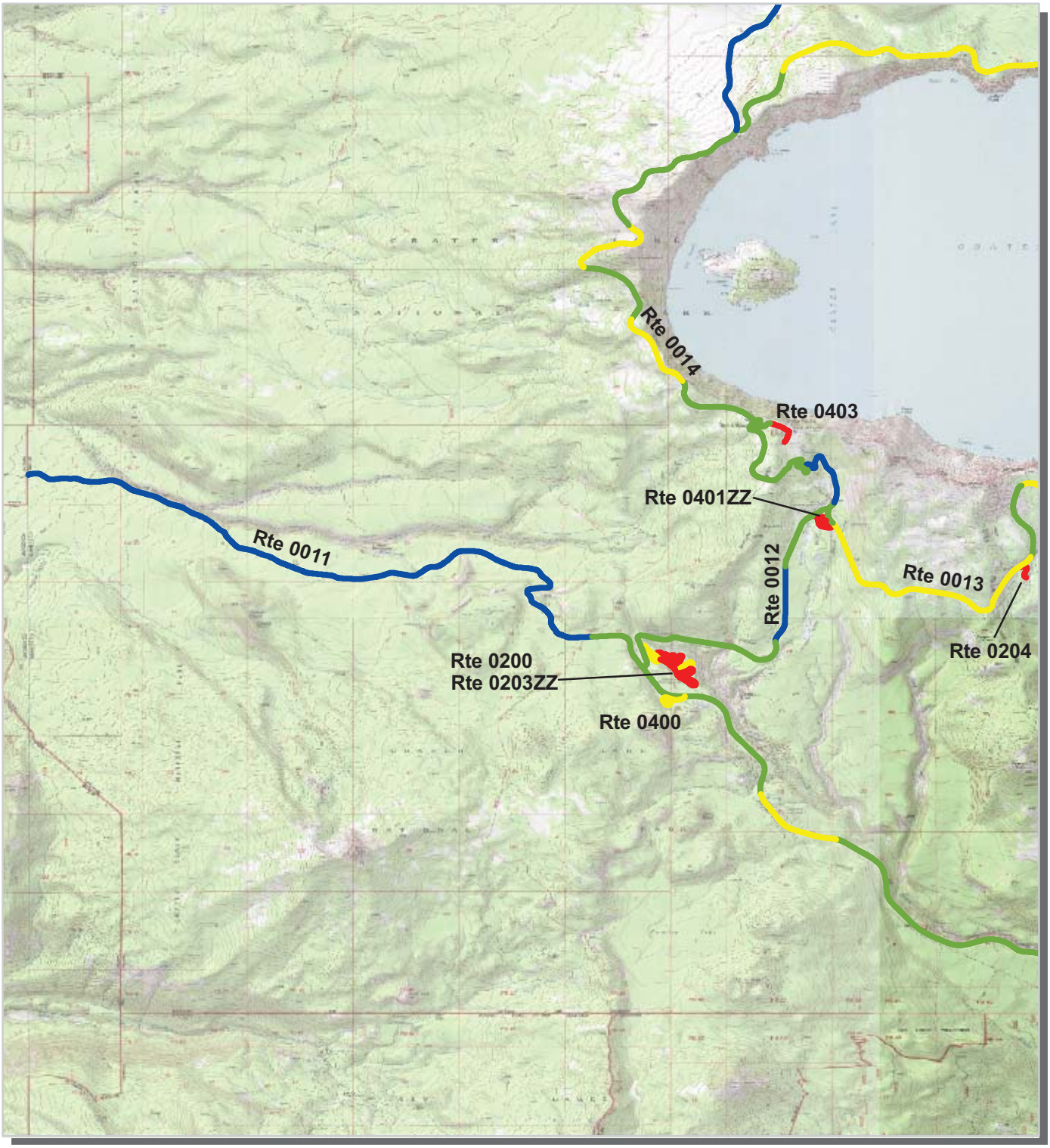
PCR	Poor	Fair	Good	Excellent	No Data
	(<=60)	(61 - 84)	(85 - 94)	(95 - 100)	

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

2 1 0 2 Miles

N

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



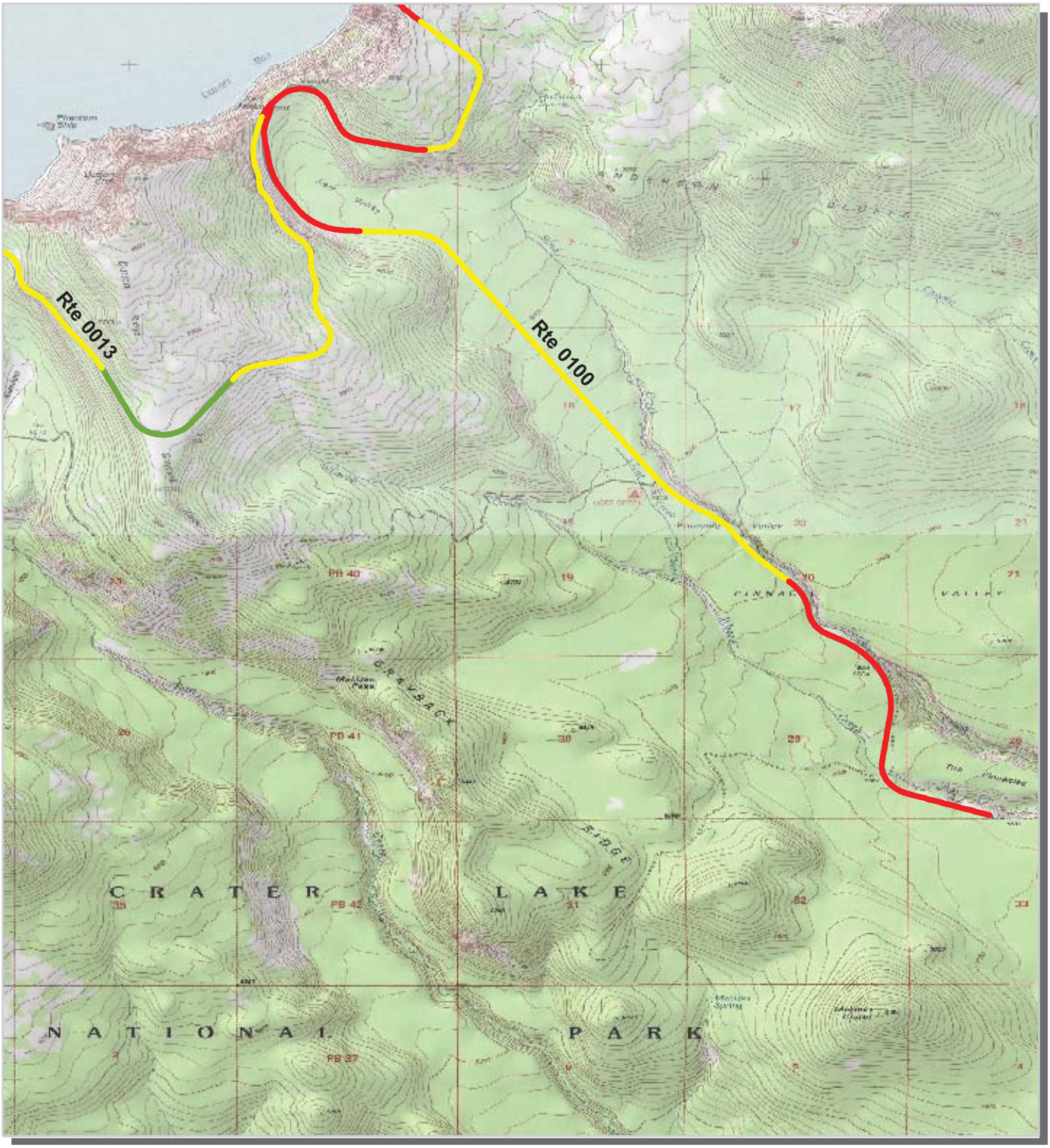
PCR	Poor	Fair	Good	Excellent	No Data
	(<=60)	(61 - 84)	(85 - 94)	(95 - 100)	

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

2 1 0 2 Miles

N

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



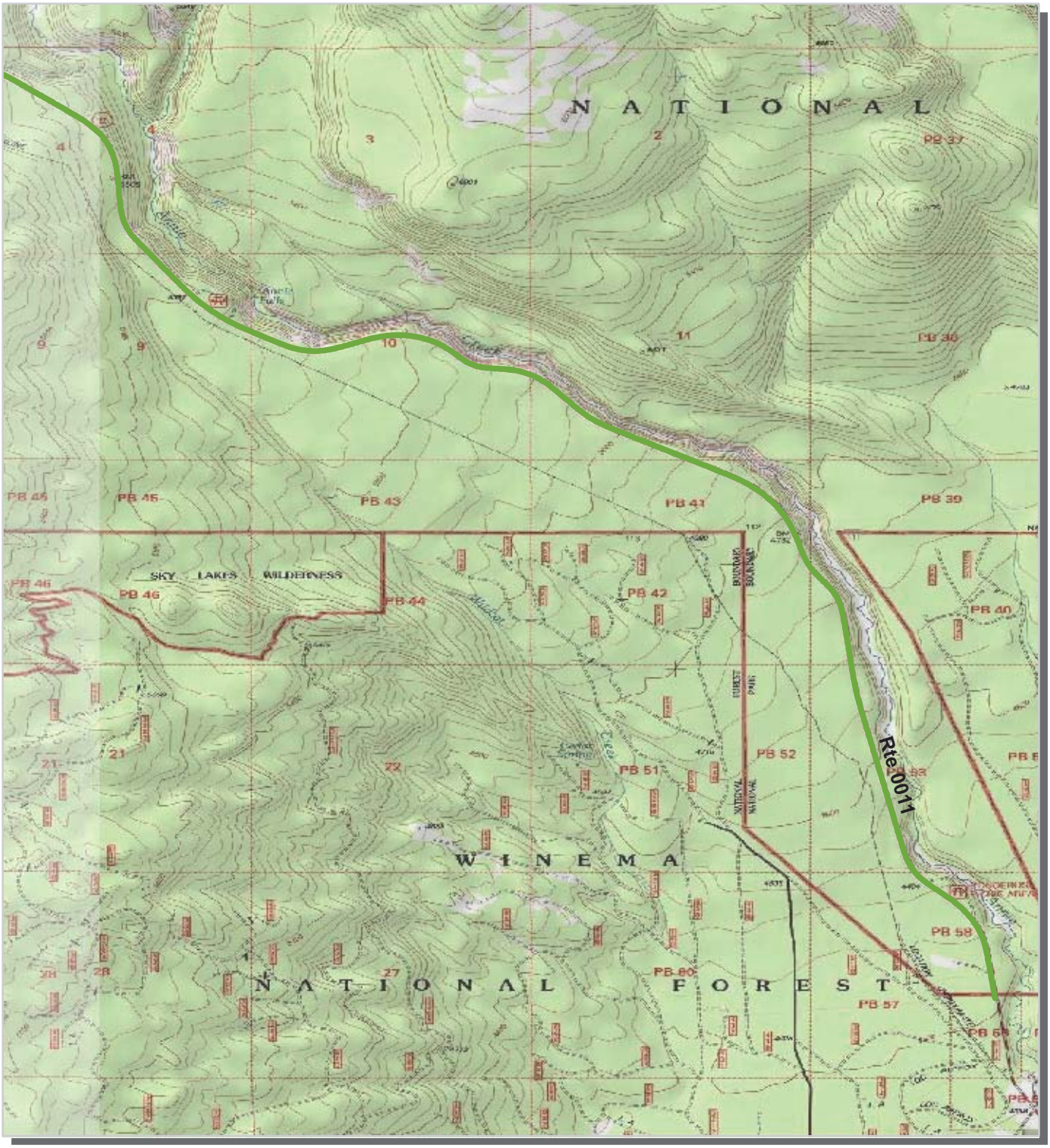
PCR	Poor	Fair	Good	Excellent	No Data
	(<=60)	(61 - 84)	(85 - 94)	(95 - 100)	

* 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 Map
PCR - Mile by Mile
Area 5



PCR	Poor	Fair	Good	Excellent	No Data
	(<=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

Section 4
Park Route Inventory

NPS/RIP Route ID Report

Shading Color Key:
Red text denotes approx. mileage

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

** Unpaved Routes displayed on report were obtained from FMSS database and not inventoried by Road Inventory Program (RIP)

CRLA

CRATER LAKE NATIONAL PARK

Rte. No.	FMSS No.	Concess Route	Route Name	Route Description From	Route Description To	Maint. District	Paved Miles	Un-Paved Miles	Total Route Length	Func. Class	Rte. Lanes	Manual Rated SQ/FT	Surf. Type	Area Maps
0010	74784		NORTH ENTRANCE ROAD	FROM THE INTERSECTION OF ROUTES 0013 AND 0014	TO NORTH PARK BOUNDARY AT PAVEMENT CHANGE	N/A	9.150	0.000	9.150	1		0	AS	1
0011	74786		CRATER LAKE HIGHWAY	FROM WEST PARK BOUNDARY	TO SOUTH PARK BOUNDARY	N/A	17.430	0.000	17.430	1		0	AS	3,5
0012	74787		MUNSON VALLEY ROAD	FROM ROUTE 0011 (CRATER LAKE HIGHWAY) AT MP 7.75 (ON LEFT)	TO ROUTE 0924 (CRATER LAKE LODGE PARKING)	N/A	7.210	0.000	7.210	1		0	AS	2,3
0013	74788		EAST RIM DRIVE	FROM THE INTERSECTION OF ROUTES 0010 AND 0014	TO ROUTE 0012 (MUNSON VALLEY ROAD) AT MP 3.90 (ON RIGHT)	N/A	23.190	0.000	23.190	1		0	AS	2,3,4
0014	74789		WEST RIM DRIVE	FROM ROUTE 0012 (MUNSON VALLEY ROAD) AT MP 6.72 (ON LEFT)	TO INTERSECTION OF ROUTES 0010 AND 0013	N/A	5.920	0.000	5.920	1		0	AS	2,3,4
0100	74790		PINNACLES ROAD	FROM ROUTE 0013 (EAST RIM DRIVE) AT MP 14.92 (ON LEFT)	TO ROUTE 0940 (THE PINNACLES OVERLOOK)	N/A	5.920	0.000	5.920	2		0	AS	4
0200	75124		MAZAMA CAMPGROUND ACCESS ROAD	FROM ROUTE 0012 (MUNSON VALLEY ROAD) AT MP 0.30 (ON RIGHT)	TO END OF LOOP	N/A	0.460	0.000	0.460	3		0	AS	2,3
0201ZZ	75125		CLOUDCAP VIEWPOINT ROADS	FROM ROUTE 0013 (EAST RIM DRIVE) AT MP 11.10 (ON RIGHT)	TO END OF LOOP	N/A	1.330	0.000	1.330	2		0	AS	2
0202	75126		MAZAMA MOTOR LODGE	FROM ROUTE 0200 (MAZAMA CAMPGROUND ACCESS ROAD) AT MP 0.28 (ON RIGHT)	TO END OF LOOPS	N/A	0.470	0.000	0.470	3		37,110	AS	2,3
0203ZZ	N/A		MAZAMA CAMPGROUND ROADS	FROM ROUTE 0200 (MAZAMA CAMPGROUND ACCESS ROAD) AT MP 0.38 (ON RIGHT)	TO END OF LOOPS	N/A	2.380	0.000	2.380	3		0	AS	2,3
0204	75128		VIDAE FALLS PICNIC AREA	FROM ROUTE 0013 AT MP 20.16 ON LEFT	TO ROUTE 0943 (CRATER PEAK TRAIL PARKING)	N/A	0.230	0.000	0.230	3		0	AS	2,3
0205	75130		LOST CREEK CAMPGROUND	FROM ROUTE 0206 (GREYBACK DRIVE)	TO CAMPGROUND	N/A	0.000	0.020	0.020	3		0	GR	
0206	75132		GREYBACK DRIVE	FROM ROUTE 0205 AT MP 3.1 ON RIGHT	TO ROUTE 0204	N/A	0.000	4.770	4.770	4		0	GR	
0207	75134		PICNIC HILL	FROM ROUTE 0012 AT MP 7.16 ON RIGHT	THROUGH PICNIC AREA	N/A	0.520	0.000	0.520	3		55,228	AS	2,3
0400	75137		MAZAMA DORMITORIES	FROM ROUTE 0011 AT MP 8.35 ON RIGHT	TO END OF LOOP	N/A	0.430	0.000	0.430	6		0	AS	2,3

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CRLA

CRATER LAKE NATIONAL PARK

Rte. No.	FMSS No.	Concess Route	Route Name	Route Description From	Route Description To	Maint. District	Paved Miles	Un-Paved Miles	Total Route Length	Func. Class	Rte. Lanes	Manual Rated SQ/FT	Surf. Type	Area Maps
0401ZZ	75139		HEADQUARTERS RESIDENCE AREA ROADS	FROM ROUTE 0012 (MUNSON VALLEY ROAD) AT MP 3.74 (ON RIGHT)	THROUGH HEADQUARTERS RESIDENCE AREA	N/A	0.660	0.000	0.660	6		0	AS	2,3
0402ZZ	75141		HEADQUARTERS MAINTENANCE AND RESIDENCE AREA ROADS	FROM ROUTE 0012 (MUNSON VALLEY ROAD) AT MP 3.74 (ON LEFT)	THROUGH HEADQUARTERS & MAINTENANCE AREA TO ROUTE 0921 (HEADQUARTERS VISITOR CENTER PARKING)	N/A	0.000	0.000	0.000	5		132,087	AS	2,3
0403	75143		CRATER LAKE LODGE RESIDENCE ROAD	FROM ROUTE 0924 (CRATER LAKE LODGE PARKING)	TO ROUTE 0925 (CRATER LAKE LODGE RESIDENCE PARKING)	N/A	0.120	0.000	0.120	5		0	AS	2,3
0404	75144		HEADQUARTERS RESIDENCE ROAD	FROM ROUTE 0921 (HEADQUARTERS VISITOR CENTER PARKING)	THROUGH RESIDENCE AREA	N/A	0.790	0.000	0.790	5		46,178	AS	2,3
0405	76824		SOUTH MAINTENANCE YARD ACCESS ROAD	FROM ROUTE 0011 AT MP 17.34 ON RIGHT	TO ROUTE 0952 (SOUTH MAINTENANCE YARD)	N/A	0.150	0.000	0.150	5		7,920	AS	5
0406	76823		POLE CREEK ACCESS ROAD	FROM ROUTE 0011 AT MP 9.8 ON RIGHT	TO END	N/A	0.000	0.400	0.400	5		0	GR	
0700	76822		LOST CREEK WATER TREATMENT ACCESS ROAD	FROM	TO	N/A	0.000	0.400	0.400			0	GR	
0702	76828		ANDERSON PIT ACCESS ROAD	FROM	TO	N/A	0.000	0.500	0.500			0	GR	
0703	76830		MAZAMA LAGOON ACCESS	FROM	TO	N/A	0.000	0.200	0.200			0	GR	
0704	76831		MUNSON LAGOON ACCESS	FROM	TO	N/A	0.000	0.600	0.600			0	GR	
0900	75343		DISCOVERY POINT	ADJACENT TO ROUTE 0014 (WEST RIM DRIVE) AT MP 1.10 (ON RIGHT)		N/A	0.000	0.000	0.000			32,511	AS	2,3
0901	75351		LIGHTNING SPRINGS TRAILHEAD PARKING	ADJACENT TO ROUTE 0014 (WEST RIM DRIVE) AT MP 2.20 (ON LEFT)		N/A	0.000	0.000	0.000			0	GR	
0902	75353		DISCOVERY POINT PICNIC AREA	FROM ROUTE 0014 (WEST RIM DRIVE) AT MP 2.39 (ON RIGHT)	TO PARKING	N/A	0.000	0.000	0.000			5,176	AS	2,3
0903	75354		UNION PEAK OVERLOOK	ADJACENT TO ROUTE 0014 (WEST RIM DRIVE) AT MP 3.00 (ON LEFT)		N/A	0.000	0.000	0.000			5,304	AS	2,3
0904	75355		THE CORRALS	FROM ROUTE 0014 (WEST RIM DRIVE) AT MP 3.76 (ON RIGHT)	TO ROUTE 0014 (WEST RIM DRIVE) AT MP 3.81 (ON RIGHT)	N/A	0.000	0.000	0.000			13,566	AS	2,3

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CRLA

CRATER LAKE NATIONAL PARK

Rte. No.	FMSS No.	Concess Route	Route Name	Route Description From	Route Description To	Maint. District	Paved Miles	Un-Paved Miles	Total Route Length	Func. Class	Rte. Lanes	Manual Rated SQ/FT	Surf. Type	Area Maps
0905	75359		DIAMOND LAKE OVERLOOK	ADJACENT TO ROUTE 0014 (WEST RIM DRIVE) AT MP 4.46 (ON LEFT)		N/A	0.000	0.000	0.000			12,545	AS	2,3
0906	75361		GLACIAL VALLEYS	ADJACENT TO ROUTE 0014 (WEST RIM DRIVE) AT MP 5.70 (ON RIGHT)		N/A	0.000	0.000	0.000			20,571	AS	2,3
0907	75363		NORTH JUNCTION PARKING	FROM ROUTE 0014 (WEST RIM DRIVE) AT MP 5.86 (ON RIGHT)	TO ROUTE 0013 (EAST RIM DRIVE) AT MP 0.03 (ON RIGHT)	N/A	0.000	0.000	0.000			23,921	AS	2,3
0908	75365		PACIFIC CREST TRAIL PARKING A	ADJACENT TO ROUTE 0010 (NORTH ENTRANCE ROAD) AT MP 2.53 (ON LEFT)		N/A	0.000	0.000	0.000			0	GR	
0909	75367		PUMICE DESERT	FROM ROUTE 0010 (NORTH ENTRANCE ROAD) AT MP 4.89 (ON LEFT)	TO ROUTE 0010 (NORTH ENTRANCE ROAD) AT MP 4.92 (ON LEFT)	N/A	0.000	0.000	0.000			11,960	AS	1
0910	75369		PACIFIC CREST TRAIL PARKING B	ADJACENT TO ROUTE 0011 (CRATER LAKE HIGHWAY) AT MP 6.90 (ON LEFT)		N/A	0.000	0.000	0.000			2,338	AS	3
0911	75371		PACIFIC CREST TRAIL PARKING C	ADJACENT TO ROUTE 0011 (CRATER LAKE HIGHWAY) AT MP 6.92 (ON RIGHT)		N/A	0.000	0.000	0.000			0	GR	
0912	78343		DORMITORIES PARKING A	ADJACENT TO ROUTE 0400 (MAZAMA DORMITORIES) AT MP 0.16 (ON LEFT)		N/A	0.000	0.000	0.000			11,036	AS	2,3
0913	78347		DORMITORIES PARKING B	FROM ROUTE 0400 (MAZAMA DORMITORIES) AT MP 0.38 (ON RIGHT)	TO ROUTE 0400 (MAZAMA DORMITORIES) AT MP 0.40 (ON RIGHT)	N/A	0.000	0.000	0.000			40,353	AS	2,3
0914	75373		FOSSIL FUMAROLES	ADJACENT TO ROUTE 0011 (CRATER LAKE HIGHWAY) AT MP 8.77 (ON LEFT)		N/A	0.000	0.000	0.000			15,672	AS	2,3
0915	75376		LODGE POLE PICNIC AREA	FROM ROUTE 0011 (CRATER LAKE HIGHWAY) AT MP 10.18 (ON LEFT)	TO ROUTE 0011 (CRATER LAKE HIGHWAY) AT MP 10.40 (ON LEFT)	N/A	0.000	0.000	0.000			42,041	AS	3
0916	75378		ANNIE FALLS PICNIC AREA	FROM ROUTE 0011 (CRATER LAKE HIGHWAY) AT MP 12.40 (ON LEFT)	TO ROUTE 0011 (CRATER LAKE HIGHWAY) AT MP 12.57 (ON LEFT)	N/A	0.000	0.000	0.000			37,011	AS	5
0917	78383		NO NAME PICNIC AREA	FROM ROUTE 0011 (CRATER LAKE HIGHWAY) AT MP 13.23 (ON LEFT)	TO ROUTE 0011 (CRATER LAKE HIGHWAY) AT MP 13.29 (ON LEFT)	N/A	0.000	0.000	0.000			9,738	AS	5
0918	75380		PONDEROSA PICNIC AREA	FROM ROUTE 0011 (CRATER LAKE HIGHWAY) AT MP 16.79 (ON LEFT)	TO ROUTE 0011 (CRATER LAKE HIGHWAY) AT MP 17.02 (ON LEFT)	N/A	0.000	0.000	0.000			88,587	AS	5

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CRLA

CRATER LAKE NATIONAL PARK

Rte. No.	FMSS No.	Concess Route	Route Name	Route Description From	Route Description To	Maint. District	Paved Miles	Un-Paved Miles	Total Route Length	Func. Class	Rte. Lanes	Manual Rated SQ/FT	Surf. Type	Area Maps
0919	75383		GOODBYE PICNIC AREA	ADJACENT TO ROUTE 0012 (MUNSON VALLEY ROAD) AT MP 1.30 (ON LEFT)		N/A	0.000	0.000	0.000			9,178	AS	2,3
0920	75386		GODFREY GLEN TRAIL PARKING	FROM ROUTE 0012 (MUNSON VALLEY ROAD) AT MP 1.67 (ON RIGHT)	TO ROUTE 0012 (MUNSON VALLEY ROAD) AT MP 1.78 (ON RIGHT)	N/A	0.000	0.000	0.000			22,196	AS	2,3
0921	75388		HEADQUARTERS VISITOR CENTER PARKING	FROM ROUTE 0012 (MUNSON VALLEY ROAD) AT MP 3.98 (ON LEFT)	TO ROUTE 0404 (HEADQUARTERS RESIDENCE ROAD) NEAR ROUTE 0946	N/A	0.000	0.000	0.000			34,297	AS	2,3
0922ZZ	75389		CAFETERIA AND GIFT SHOP PARKING AREAS	ADJACENT TO ROUTE 0012 (MUNSON VALLEY ROAD) AT MP 6.85 (ON RIGHT & LEFT)		N/A	0.000	0.000	0.000			33,363	AS	2,3
0923ZZ	75390		VISITOR CENTER AND SINNOTT OVERLOOK PARKING AREAS	FROM ROUTE 0012 (MUNSON VALLEY ROAD) AT MP 6.95 (ON RIGHT)	TO ROUTE 0012 (MUNSON VALLEY ROAD) AT MP 7.18 (ON RIGHT)	N/A	0.000	0.000	0.000			52,970	AS	2,3
0924	75391		CRATER LAKE LODGE PARKING	FROM ROUTE 0012 (MUNSON VALLEY ROAD) AT END	TO ROUTE 0403 (CRATER LAKE LODGE RESIDENCE ROAD) AT START	N/A	0.000	0.000	0.000			31,320	AS	2,3
0925	75392		CRATER LAKE LODGE RESIDENCE PARKING	FROM ROUTE 0403 (CRATER LAKE LODGE RESIDENCE ROAD) AT END	TO PARKING	N/A	0.000	0.000	0.000			8,352	AS	2,3
0926	75493		PUMICE POINT PICNIC AREA	FROM ROUTE 0013 (EAST RIM DRIVE) AT MP 3.63 (ON LEFT)	TO ROUTE 0013 (EAST RIM DRIVE) AT MP 3.67 (ON LEFT)	N/A	0.000	0.000	0.000			6,112	AS	2,3
0927	75496		CLEETWOOD TRAIL PARKING	FROM ROUTE 0013 (EAST RIM DRIVE) AT MP 4.53 (ON LEFT)	TO END AT LOOP	N/A	0.000	0.000	0.000			40,760	AS	2
0928	75497		THE CLEETWOOD OVER FLOW PARKING	ADJACENT TO ROUTE 0013 (EAST RIM DRIVE) AT MP 4.71 (ON RIGHT)		N/A	0.000	0.000	0.000			4,208	AS	2
0929	75498		LOWER SKELL OVERLOOK	FROM ROUTE 0013 (EAST RIM DRIVE) AT MP 7.83 (ON RIGHT)	TO ROUTE 0013 (EAST RIM DRIVE) AT MP 7.86 (ON RIGHT)	N/A	0.000	0.000	0.000			14,221	AS	2
0930	75499		OVERLOOK PARKING	FROM ROUTE 0013 (EAST RIM DRIVE) AT MP 7.96 (ON RIGHT)	TO ROUTE 0013 (EAST RIM DRIVE) AT MP 7.99 (ON RIGHT)	N/A	0.000	0.000	0.000			5,853	AS	2
0931	75500		SKELL HEAD PICNIC AREA	ADJACENT TO ROUTE 0013 (EAST RIM DRIVE) AT MP 8.46 (ON RIGHT)		N/A	0.000	0.000	0.000			3,479	AS	2

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CRLA

CRATER LAKE NATIONAL PARK

Rte. No.	FMSS No.	Concess Route	Route Name	Route Description From	Route Description To	Maint. District	Paved Miles	Un-Paved Miles	Total Route Length	Func. Class	Rte. Lanes	Manual Rated SQ/FT	Surf. Type	Area Maps
0932	75501		SKELL HEAD OVERLOOK	FROM ROUTE 0013 (EAST RIM DRIVE) AT MP 8.62 (ON RIGHT)	TO ROUTE 0013 (EAST RIM DRIVE) AT MP 8.70 (ON RIGHT)	N/A	0.000	0.000	0.000			28,600	AS	2
0933	75502		WHITEBARK PICNIC AREA	ADJACENT TO ROUTE 0013 (EAST RIM DRIVE) AT MP 10.85 (ON LEFT)		N/A	0.000	0.000	0.000			5,857	AS	2
0934	75503		MOUNT SCOTT TRAIL PARKING	ADJACENT TO ROUTE 0013 (EAST RIM DRIVE) AT MP 10.97 (ON LEFT)		N/A	0.000	0.000	0.000			10,352	AS	4
0935	75504		CLOUDCAP OVERLOOK	ADJACENT TO ROUTE 0201AZ (CLOUDCAP VIEWPOINT ROAD) AT MP 1.11 (ON RIGHT)		N/A	0.000	0.000	0.000			4,031	AS	2
0936	75506		PUMICE CASTLE	ADJACENT TO ROUTE 0013 (EAST RIM DRIVE) AT MP 12.37 (ON RIGHT)		N/A	0.000	0.000	0.000			15,834	AS	2
0937	75507		CASTLE ROCK OVERLOOK	FROM ROUTE 0013 (EAST RIM DRIVE) AT MP 12.60 (ON RIGHT)	TO ROUTE 0013 (EAST RIM DRIVE) AT MP 12.67 (ON RIGHT)	N/A	0.000	0.000	0.000			11,850	AS	4
0938	75508		SENTINEL POINT OVERLOOK	FROM ROUTE 0013 (EAST RIM DRIVE) AT MP 12.81 (ON RIGHT)	TO ROUTE 0013 (EAST RIM DRIVE) AT MP 12.87 (ON RIGHT)	N/A	0.000	0.000	0.000			12,520	AS	2
0939	75509		PHANTOM SHIP OVERLOOK	FROM ROUTE 0013 (EAST RIM DRIVE) AT MP 14.77 (ON RIGHT)	TO ROUTE 0013 (EAST RIM DRIVE) AT MP 14.86 (ON RIGHT)	N/A	0.000	0.000	0.000			36,772	AS	2,4
0940	75510		THE PINNACLES OVERLOOK	FROM ROUTE 0100 (PINNACLES ROAD) AT END	TO PARKING	N/A	0.000	0.000	0.000			13,662	AS	4
0941	75511		SUN NOTCH PARKING	ADJACENT TO ROUTE 0013 (EAST RIM DRIVE) AT MP 18.84 (ON RIGHT)		N/A	0.000	0.000	0.000			10,942	AS	2,4
0942	75512		VIDAE FALLS PARKING	ADJACENT TO ROUTE 0013 (EAST RIM DRIVE) AT MP 20.21 (ON RIGHT)		N/A	0.000	0.000	0.000			3,387	AS	2,3
0943	75513		CRATER PEAK TRAIL PARKING	FROM ROUTE 0204 (VIDAE FALLS PICNIC AREA) AT END	TO PARKING	N/A	0.000	0.000	0.000			10,852	AS	2,3
0944	75514		CASTLE CREST PARKING	ADJACENT TO ROUTE 0013 (EAST RIM DRIVE) AT MP 22.85 (ON RIGHT)		N/A	0.000	0.000	0.000			1,095	AS	2,3
0945	75515		MOUNT SCOTT OVERLOOK	ADJACENT TO ROUTE 0201AZ (CLOUDCAP VIEWPOINT ROAD) AT MP 0.26 (ON RIGHT)		N/A	0.000	0.000	0.000			7,356	AS	2

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CRATER LAKE NATIONAL PARK

Rte. No.	FMSS No.	Concess Route	Route Name	Route Description From	Route Description To	Maint. District	Paved Miles	Un-Paved Miles	Total Route Length	Func. Class	Rte. Lanes	Manual Rated SQ/FT	Surf. Type	Area Maps
0946	75516		ADMINISTRATION PARKING	FROM ROUTE 0404 (HEADQUARTERS RESIDENCE ROAD) NEAR ROUTE 0921	TO PARKING	N/A	0.000	0.000	0.000			10,795	AS	2,3
0947ZZ	99597		MAZAMA STORE PARKING AREAS	FROM ROUTE 0200 (MAZAMA CAMPGROUND ACCESS ROAD) AT MP 0.15 (ON LEFT)	TO ROUTE 0200 (MAZAMA CAMPGROUND ACCESS ROAD) AT MP 0.45 (ON LEFT)	N/A	0.000	0.000	0.000			50,495	AS	2,3
0948	102895		EQUIPMENT PARKING	FROM ROUTE 0012 (MUNSON VALLEY ROAD) AT MP 3.62 (ON LEFT)	TO PARKING	N/A	0.000	0.000	0.000			0	GR	
0949	99598		NORTH ENTRANCE RESTROOM PARKING	ADJACENT TO ROUTE 0010 (NORTH ENTRANCE ROAD) AT MP 8.31 (ON LEFT)		N/A	0.000	0.000	0.000			4,721	AS	1
0950	99599		NORTH ENTRANCE TURNAROUND	FROM ROUTE 0010 (NORTH ENTRANCE ROAD) AT MP 8.29 (ON RIGHT)	TO ROUTE 0010 (NORTH ENTRANCE ROAD) AT MP 8.31 (ON RIGHT)	N/A	0.000	0.000	0.000			3,373	AS	1
0951	99603		WEST ENTRANCE PARKING AREA	ADJACENT TO ROUTE 0011 (CRATER LAKE HIGHWAY) AT MP 1.00 (ON RIGHT)		N/A	0.000	0.000	0.000			3,621	AS	3
0952	99604		SOUTH MAINTENANCE YARD	FROM ROUTE 0405 (SOUTH MAINTENANCE YARD ACCESS ROAD) AT END	TO PARKING	N/A	0.000	0.000	0.000			39,216	AS	5
0953	N/A		ANNIE CREEK RESTAURANT PARKING	FROM ROUTE 0012 (MUNSON VALLEY ROAD) AT MP 0.07 (ON RIGHT)	TO ROUTE 0012 (MUNSON VALLEY ROAD) AT MP 0.15 (ON RIGHT)	N/A	0.000	0.000	0.000			17,648	AS	2,3
0954	N/A		MAZAMA DUMP STATION	FROM ROUTE 0203GZ (MAZAMA CAMPGROUND LOOP G) AT MP 0.04 (ON RIGHT)	TO ROUTE 0203GZ (MAZAMA CAMPGROUND LOOP G) AT MP 0.07 (ON RIGHT)	N/A	0.000	0.000	0.000			11,938	AS	2,3
0955ZZ	N/A		MOTOR LODGE PARKING AREAS	FROM ROUTE 0202 (MAZAMA MOTOR LODGE) NEAR START	TO ROUTE 0202 (MAZAMA MOTOR LODGE) NEAR LOOP END	N/A	0.000	0.000	0.000			17,733	AS	2,3

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SUMMARY TOTALS FOR CRATER LAKE NATIONAL PARK

ROUTE TOTALS

ARAN Driven Route Miles	74.430
All Paved Route Miles	80.730
All Unpaved Route Miles	6.890
TOTAL PARK ROUTE MILES	87.620
All Manually Rated Roads (SQFT)	278,522

PARKING AREA TOTALS

All Paved Parking (SQFT)	971,288
All Unpaved Parking (SQFT)	0
TOTAL ALL PARKING (SQFT)	971,288

LANE MILE TOTALS

ARAN Driven Lane Miles	160.130
Paved Parking Lane Miles	16.723
Paved MRR Lane Miles	4.795
TOTAL PAVED LANE MILES	181.648

CONCESSION TOTALS

Concession Paved Route Miles	0.000
Concession Unpaved Route Miles	0.000
Concession Paved Parking Area SQFT	0
Concession Unpaved Parking Area SQFT	0
Concession Paved MRR SQFT	0

WEIGHTED AVERAGE PARK VALUES

PCR (Rating)	SCR (Rating)	RCI (Rating)	RUT (Index)	AC (Index)	LC (Index)	TC (Index)	PATCH (Index)	PCR (Concession)
82.23	81.70	87.10	86.87	96.52	98.46	98.98	99.75	N/A

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General Park Road Functional Classification Table

Class 1 Principal Park Road/Rural Parkway (Public Roads) Roads which constitute the main access route, circulatory tour, or thoroughfare for park visitors. Route Numbers 1 - 99. Note: Rural parkways (e.g. Natchez Trace) are numbered 1 - 9. State Routes Inventoried for Park. Route Numbers 5000-5999

Class 2 Connector Park Road (Public Roads) - Roads which provide access within a park to areas of scenic, scientific, recreational or cultural interest, such as overlooks, campgrounds, etc. Route Numbers 100-199.

Class 3 Special Purpose Park Road (Public Roads) - Roads which provide circulation within public areas, such as campgrounds, picnic areas, visitor center complexes, concessionaire facilities, etc. These roads generally serve low-speed traffic and are often designed for one-way circulation. Route Numbers 200-299.

Class 4 Primitive Park Roads (Public Roads) - Roads which provide circulation through remote areas and/or access to primitive campgrounds and undeveloped areas. These roads frequently have no minimum design standards and their use may be limited to specially equipped vehicles. Route Numbers 200-299.
Note: Functional Classes 3 and 4 have the same route numbers because, historically, they were numbered similarly.

Class 5 Administrative Access Road (Administrative Roads) - All public roads intended for access to administrative developments or structures such as park offices, employee quarters, or utility areas. Route Numbers 400-499.

Class 6 Restricted Road (Administrative Roads) - All roads normally closed to the public, including patrol roads, truck trails, and other similar roads. Route Numbers 400-499.
Note: Functional Classes 5 and 6 have the same route numbers because historically they were numbered similarly and often there is little distinction between these routes. For example, because utility areas and employee housing are often closed to the public, this restriction would result in classification of FC 6 rather than FC 5.

Class 7 Urban Parkway (Urban Parkways and City Streets) - These facilities serve high volumes of park and non-park related traffic and are restricted, limited-access facilities in an urban area. This category of roads primarily encompasses the major parkways which serve as gateways to our nation's capital. Other major park roads or portions thereof, however, may be included in this category. Route Numbers 1-9.

Class 8 City Streets (Urban Parkways and City Streets) - City streets are usually extensions of the adjoining street system that are owned and maintained by the National Park Service. The construction and/or reconstruction should conform with accepted local engineering practice and local conditions. Route Numbers 600-699.

****

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

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

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

Surface Type Abbreviations:

AS - Asphaltic Concrete Pavement

CO - Portland Cement Concrete Pavement

BR - Brick or Pavers Road Bed

CB - Cobble Stone Road Bed

GR - Gravel Road Bed

SA - Sand Road Bed

NV - Native or Dirt Material Road Bed

OT - Other Materials Road Bed

NPS/RIP Subcomponent Details for CRLA

Shading Color Key:
Red text denotes approx. mileage

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

** Unpaved Routes displayed on report were obtained from FMSS database and not inventoried by Road Inventory Program (RIP)

CRLA

CRATER LAKE NATIONAL PARK

Asset Entered in FMSS System

Rte. No.	FMSS No.	Sub Comp	Route Name	Route Description From	Route Description To	Concess Route	Func. Class	Paved Miles	Un-Paved Miles	Total Route Length	Manual Rated SQ/FT
0201ZZ	75125		CLOUDCAP VIEWPOINT ROADS	FROM ROUTE 0013 (EAST RIM DRIVE) AT MP 11.10 (ON RIGHT)	TO END OF LOOP		2	1.33	0.00	1.33	0
0203ZZ	N/A		MAZAMA CAMPGROUND ROADS	FROM ROUTE 0200 (MAZAMA CAMPGROUND ACCESS ROAD) AT MP 0.38 (ON RIGHT)	TO END OF LOOPS		3	2.38	0.00	2.38	0
0401ZZ	75139		HEADQUARTERS RESIDENCE AREA ROADS	FROM ROUTE 0012 (MUNSON VALLEY ROAD) AT MP 3.74 (ON RIGHT)	THROUGH HEADQUARTERS RESIDENCE AREA		6	0.66	0.00	0.66	0
0402ZZ	75141		HEADQUARTERS MAINTENANCE AND RESIDENCE AREA ROADS	FROM ROUTE 0012 (MUNSON VALLEY ROAD) AT MP 3.74 (ON LEFT)	THROUGH HEADQUARTERS & MAINTENANCE AREA TO ROUTE 0921 (HEADQUARTERS VISITOR CENTER PARKING)		5	0.00	0.00	0.00	132,087
0922ZZ	75389		CAFETERIA AND GIFT SHOP PARKING AREAS	ADJACENT TO ROUTE 0012 (MUNSON VALLEY ROAD) AT MP 6.85 (ON RIGHT & LEFT)				0.00	0.00	0.00	33,363
0923ZZ	75390		VISITOR CENTER AND SINNOTT OVERLOOK PARKING AREAS	FROM ROUTE 0012 (MUNSON VALLEY ROAD) AT MP 6.95 (ON RIGHT)	TO ROUTE 0012 (MUNSON VALLEY ROAD) AT MP 7.18 (ON RIGHT)			0.00	0.00	0.00	52,970
0947ZZ	99597		MAZAMA STORE PARKING AREAS	FROM ROUTE 0200 (MAZAMA CAMPGROUND ACCESS ROAD) AT MP 0.15 (ON LEFT)	TO ROUTE 0200 (MAZAMA CAMPGROUND ACCESS ROAD) AT MP 0.45 (ON LEFT)			0.00	0.00	0.00	50,495
0955ZZ	N/A		MOTOR LODGE PARKING AREAS	FROM ROUTE 0202 (MAZAMA MOTOR LODGE) NEAR START	TO ROUTE 0202 (MAZAMA MOTOR LODGE) NEAR LOOP END			0.00	0.00	0.00	17,733

Asset CRLA-0201ZZ Subcomponent Breakdown

Rte. No.	FMSS No.	Sub Comp	Route Name	Route Description From	Route Description To	Concess Route	Func. Class	Paved Miles	Un-Paved Miles	Total Route Length	Manual Rated SQ/FT
0201AZ	75125	■	CLOUDCAP VIEWPOINT ROAD	FROM ROUTE 0013 (EAST RIM DRIVE) AT MP 11.10 (ON RIGHT)	TO END OF LOOP		2	1.17	0.00	1.17	0
0201BZ	75125	■	CLOUDCAP VIEWPOINT ROAD SPUR	FROM ROUTE 0013 (EAST RIM DRIVE) AT MP 11.29 (ON RIGHT)	TO ROUTE 0201AZ (CLOUDCAP VIEWPOINT ROAD) AT MP 0.21 (ON LEFT)		2	0.16	0.00	0.16	0

NPS/RIP Subcomponent Details for CRLA

Shading Color Key:
Red text denotes approx. mileage

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

** Unpaved Routes displayed on report were obtained from FMSS database and not inventoried by Road Inventory Program (RIP)

CRLA

CRATER LAKE NATIONAL PARK

Asset CRLA-0203ZZ Subcomponent Breakdown

Rte. No.	FMSS No.	Sub Comp	Route Name	Route Description From	Route Description To	Concess Route	Func. Class	Paved Miles	Un-Paved Miles	Total Route Length	Manual Rated SQ/FT
0203AZ	75127		MAZAMA CAMPGROUND LOOP A	FROM ROUTE 0200 (MAZAMA CAMPGROUND ACCESS ROAD) AT MP 0.38 (ON RIGHT)	TO END OF LOOP		3	0.16	0.00	0.16	0
0203BZ	102869		MAZAMA CAMPGROUND LOOP B	FROM ROUTE 0200 (MAZAMA CAMPGROUND ACCESS ROAD) AT MP 0.34 (ON RIGHT)	TO ROUTE 0203GZ (MAZAMA CAMPGROUND LOOP G) AT MP 0.01 (ON LEFT)		3	0.18	0.00	0.18	0
0203CZ	102871		MAZAMA CAMPGROUND LOOP C	FROM ROUTE 0203GZ (MAZAMA CAMPGROUND LOOP G) AT MP 0.04 (ON LEFT)	TO ROUTE 0203GZ (MAZAMA CAMPGROUND LOOP G) AT MP 0.07 (ON LEFT)		3	0.26	0.00	0.26	0
0203DZ	102872		MAZAMA CAMPGROUND LOOP D	FROM ROUTE 0203GZ (MAZAMA CAMPGROUND LOOP G) AT MP 0.11 (ON LEFT)	TO ROUTE 0203GZ (MAZAMA CAMPGROUND LOOP G) AT MP 0.14 (ON LEFT)		3	0.36	0.00	0.36	0
0203EZ	102874		MAZAMA CAMPGROUND LOOP E	FROM ROUTE 0203GZ (MAZAMA CAMPGROUND LOOP G) AT MP 0.17 (ON LEFT)	TO ROUTE 0203GZ (MAZAMA CAMPGROUND LOOP G) AT MP 0.19 (ON LEFT)		3	0.41	0.00	0.41	0
0203FZ	102875		MAZAMA CAMPGROUND LOOP F	FROM ROUTE 0203GZ (MAZAMA CAMPGROUND LOOP G) AT MP 0.25 (ON LEFT)	TO ROUTE 0203GZ (MAZAMA CAMPGROUND LOOP G) AT MP 0.30 (ON LEFT)		3	0.34	0.00	0.34	0
0203GZ	102876		MAZAMA CAMPGROUND LOOP G	FROM ROUTE 0200 (MAZAMA CAMPGROUND ACCESS ROAD) AT MP 0.33 (ON RIGHT)	TO ROUTE 0203FZ (MAZAMA CAMPGROUND LOOP F) AT MP 0.04 (ON RIGHT)		3	0.67	0.00	0.67	0

Asset CRLA-0401ZZ Subcomponent Breakdown

Rte. No.	FMSS No.	Sub Comp	Route Name	Route Description From	Route Description To	Concess Route	Func. Class	Paved Miles	Un-Paved Miles	Total Route Length	Manual Rated SQ/FT
0401AZ	N/A		HEADQUARTERS RESIDENCE AREA OUTER LOOP ROAD	FROM ROUTE 0012 (MUNSON VALLEY ROAD) AT MP 3.74 (ON RIGHT)	TO END OF LOOP		6	0.48	0.00	0.48	0
0401BZ	N/A		HEADQUARTERS RESIDENCE AREA INNER LOOP ROAD	FROM ROUTE 0401AZ (HEADQUARTERS RESIDENCE AREA OUTER LOOP ROAD) AT MP 0.05 (ON LEFT)	TO ROUTE 0401AZ (HEADQUARTERS RESIDENCE AREA OUTER LOOP ROAD) AT MP 0.33 (ON LEFT)		6	0.14	0.00	0.14	0
0401CZ	N/A		HEADQUARTERS RESIDENCE AREA CUT THROUGH ROAD	FROM ROUTE 0401AZ (HEADQUARTERS RESIDENCE AREA OUTER LOOP ROAD) AT MP 0.37 (ON LEFT)	TO ROUTE 0401BZ (HEADQUARTERS RESIDENCE AREA INNER LOOP ROAD) AT MP 0.06 (ON LEFT)		5	0.04	0.00	0.04	0

NPS/RIP Subcomponent Details for CRLA

Shading Color Key:
Red text denotes approx. mileage

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

** Unpaved Routes displayed on report were obtained from FMSS database and not inventoried by Road Inventory Program (RIP)

CRLA

CRATER LAKE NATIONAL PARK

Asset CRLA-0402ZZ Subcomponent Breakdown

Rte. No.	FMSS No.	Sub Comp	Route Name	Route Description From	Route Description To	Concess Route	Func. Class	Paved Miles	Un-Paved Miles	Total Route Length	Manual Rated SQ/FT
0402AZ	N/A		HEADQUARTERS MAINTENANCE AREA	FROM ROUTE 0012 (MUNSON VALLEY ROAD) AT MP 3.74 (ON LEFT)	TO ROUTE 0402BZ (HEADQUARTERS RESIDENCE AREA)		5	0.00	0.00	0.00	90,585
0402BZ	N/A		HEADQUARTERS RESIDENCE AREA	FROM ROUTE 0402AZ (HEADQUARTERS MAINTENANCE AREA)	TO END OF LOOP		5	0.00	0.00	0.00	41,502

Asset CRLA-0922ZZ Subcomponent Breakdown

Rte. No.	FMSS No.	Sub Comp	Route Name	Route Description From	Route Description To	Concess Route	Func. Class	Paved Miles	Un-Paved Miles	Total Route Length	Manual Rated SQ/FT
0922AZ	N/A		CAFETERIA AND GIFT SHOP PARKING A	FROM ROUTE 0012 (MUNSON VALLEY ROAD) AT MP 6.85 (ON RIGHT)	TO PARKING			0.00	0.00	0.00	18,481
0922BZ	N/A		CAFETERIA AND GIFT SHOP PARKING B	FROM ROUTE 0012 (MUNSON VALLEY ROAD) AT MP 6.85 (ON LEFT)	TO PARKING			0.00	0.00	0.00	14,883

NPS/RIP Subcomponent Details for CRLA

Shading Color Key:
Red text denotes approx. mileage

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

** Unpaved Routes displayed on report were obtained from FMSS database and not inventoried by Road Inventory Program (RIP)

CRLA

CRATER LAKE NATIONAL PARK

Asset CRLA-0923ZZ Subcomponent Breakdown

Rte. No.	FMSS No.	Sub Comp	Route Name	Route Description From	Route Description To	Concess Route	Func. Class	Paved Miles	Un-Paved Miles	Total Route Length	Manual Rated SQ/FT
0923AZ	N/A		VISITOR CENTER AND SINNOTT OVERLOOK PARKING A	ADJACENT TO ROUTE 0012 (MUNSON VALLEY ROAD) AT MP 7.18 (ON RIGHT)				0.00	0.00	0.00	4,661
0923BZ	N/A		VISITOR CENTER AND SINNOTT OVERLOOK PARKING B	ADJACENT TO ROUTE 0012 (MUNSON VALLEY ROAD) AT MP 7.08 (ON RIGHT)				0.00	0.00	0.00	15,374
0923CZ	N/A		VISITOR CENTER AND SINNOTT OVERLOOK PARKING C	ADJACENT TO ROUTE 0012 (MUNSON VALLEY ROAD) AT MP 7.14 (ON LEFT)				0.00	0.00	0.00	18,825
0923DZ	N/A		VISITOR CENTER AND SINNOTT OVERLOOK PARKING D	ADJACENT TO ROUTE 0012 (MUNSON VALLEY ROAD) AT MP 6.96 (ON LEFT)				0.00	0.00	0.00	8,582
0923EZ	N/A		VISITOR CENTER AND SINNOTT OVERLOOK PARKING E	ADJACENT TO ROUTE 0012 (MUNSON VALLEY ROAD) AT MP 6.95 (ON RIGHT)				0.00	0.00	0.00	5,528

Asset CRLA-0947ZZ Subcomponent Breakdown

Rte. No.	FMSS No.	Sub Comp	Route Name	Route Description From	Route Description To	Concess Route	Func. Class	Paved Miles	Un-Paved Miles	Total Route Length	Manual Rated SQ/FT
0947AZ	N/A		MAZAMA VILLAGE STORE PARKING A	FROM ROUTE 0200 (MAZAMA CAMPGROUND ACCESS ROAD) AT MP 0.15 (ON LEFT)	TO ROUTE 0200 (MAZAMA CAMPGROUND ACCESS ROAD) AT MP 0.45 (ON LEFT)			0.00	0.00	0.00	41,703
0947BZ	N/A		MAZAMA VILLAGE STORE PARKING B	FROM ROUTE 0200 (MAZAMA CAMPGROUND ACCESS ROAD) AT MP 0.22 (ON RIGHT)	TO PARKING			0.00	0.00	0.00	5,040
0947CZ	N/A		MAZAMA VILLAGE STORE PARKING C	FROM ROUTE 0200 (MAZAMA CAMPGROUND ACCESS ROAD) AT MP 0.18 (ON RIGHT)	TO PARKING			0.00	0.00	0.00	3,752

NPS/RIP Subcomponent Details for CRLA

Shading Color Key:
Red text denotes approx. mileage

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

** Unpaved Routes displayed on report were obtained from FMSS database and not inventoried by Road Inventory Program (RIP)

CRLA

CRATER LAKE NATIONAL PARK

Asset CRLA-0955ZZ Subcomponent Breakdown

Rte. No.	FMSS No.	Sub Comp	Route Name	Route Description From	Route Description To	Concess Route	Func. Class	Paved Miles	Un-Paved Miles	Total Route Length	Manual Rated SQ/FT
0955AZ	N/A	☐	MOTOR LODGE PARKING A	ADJACENT TO ROUTE 0202 (MAZAMA MOTOR LODGE) NEAR START				0.00	0.00	0.00	9,924
0955BZ	N/A	☐	MOTOR LODGE PARKING B	ADJACENT TO ROUTE 0202 (MAZAMA MOTOR LODGE) NEAR LOOP END				0.00	0.00	0.00	7,809

Crater Lake National Park

Section 5
Paved Route Condition Rating Sheets (CRS)

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

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

ROUTE: 0010 NORTH ENTRANCE ROAD
CRLA : CRATER LAKE NATIONAL PARK

COLLECTED: 9/9/2008
PACIFIC WEST REGION **TOTAL LENGTH: 9.15 Miles**

Section Number	0	1	2	3	4
Section Length (mi)	1.00	1.00	1.00	1.00	1.00
Traffic	Traffic data may be found at www.efl.fhwa.dot.gov Click on PROGRAMS / NPS Traffic Data (Note: Not all parks have traffic data)				
AADT					
SADT					
ADT Date					
Cross Section Information					
Number of Lanes	3	2	2	2	2
Paved Width (ft)	26	25	25	25	25
Lane Width (ft)	11	11	11	11	11
Shoulder Width Right (ft)	NC	NC	NC	NC	NC
Shoulder Width Left (ft)	NC	NC	NC	NC	NC
Roadway Condition Information					
SCR (Surface Condition Rating)	93	94	92	91	91
PCR (Pavement Condition Rating)	95	96	95	95	94
Distress Index Values					
Alligator Cracking Index	100	100	100	100	100
Longitudinal Cracking Index	99	99	97	98	100
Tranverse Cracking Index	100	100	100	100	100
Patching Index	100	100	100	100	100
Rutting Index	94	95	95	93	91
Roughness Condition Index (RCI)	98	98	99	99	100

NC - Not Collected

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

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

ROUTE: 0010 NORTH ENTRANCE ROAD
CRLA : CRATER LAKE NATIONAL PARK

COLLECTED: 9/9/2008
PACIFIC WEST REGION **TOTAL LENGTH: 9.15 Miles**

Section Number	5	6	7	8	9
Section Length (mi)	1.00	1.00	1.00	1.00	0.15
Traffic					
AADT	Traffic data may be found at www.efl.fhwa.dot.gov				
SADT	Click on PROGRAMS / NPS Traffic Data				
ADT Date	(Note: Not all parks have traffic data)				
Cross Section Information					
Number of Lanes	2	2	2	2	2
Paved Width (ft)	25	25	27	35	32
Lane Width (ft)	11	10	10	12	11
Shoulder Width Right (ft)	NC	NC	NC	NC	NC
Shoulder Width Left (ft)	NC	NC	NC	NC	NC
Roadway Condition Information					
SCR (Surface Condition Rating)	85	85	83	83	89
PCR (Pavement Condition Rating)	91	91	89	89	88
Distress Index Values					
Alligator Cracking Index	100	100	100	100	100
Longitudinal Cracking Index	100	100	100	100	100
Tranverse Cracking Index	100	100	100	100	97
Patching Index	100	100	100	100	100
Rutting Index	86	85	83	83	92
Roughness Condition Index (RCI)	100	99	97	99	85

NC - Not Collected

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

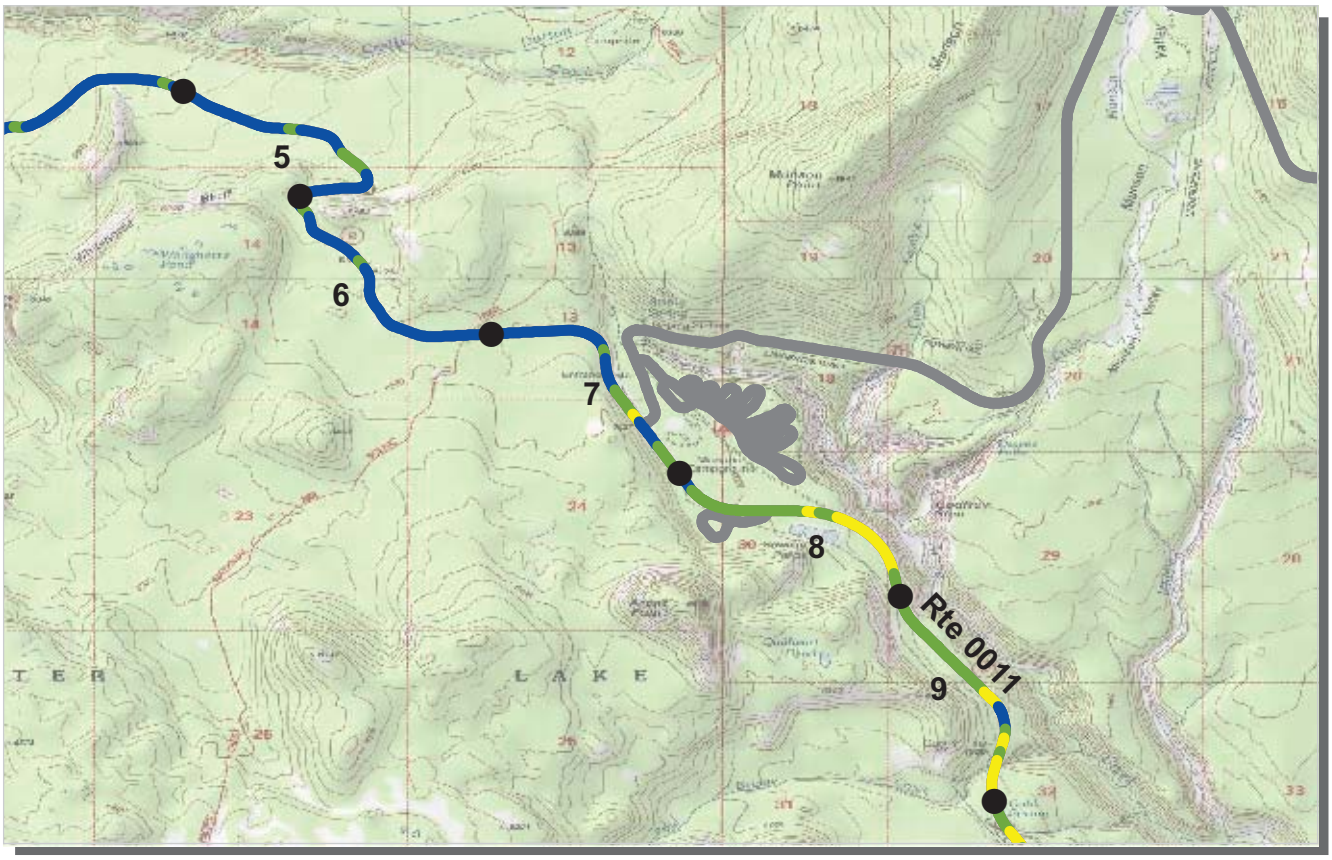
* If the PCR rating is not available for a section, the SCR rating will be displayed. See appendix for definitions and formulas.

ROUTE: 0011 CRATER LAKE HIGHWAY
CRLA : CRATER LAKE NATIONAL PARK

COLLECTED: 9/10/2008
PACIFIC WEST REGION **TOTAL LENGTH: 17.43 Miles**

Section Number	0	1	2	3	4
Section Length (mi)	1.00	1.00	1.00	1.00	1.00
Traffic					
AADT	Traffic data may be found at www.efl.fhwa.dot.gov Click on PROGRAMS / NPS Traffic Data (Note: Not all parks have traffic data)				
SADT					
ADT Date					
Cross Section Information					
Number of Lanes	2	2	2	2	2
Paved Width (ft)	24	27	27	27	28
Lane Width (ft)	10	10	10	10	10
Shoulder Width Right (ft)	NC	NC	NC	NC	NC
Shoulder Width Left (ft)	NC	NC	NC	NC	NC
Roadway Condition Information					
SCR (Surface Condition Rating)	97	94	96	94	94
PCR (Pavement Condition Rating)	98	97	98	96	96
Distress Index Values					
Alligator Cracking Index	100	100	100	100	100
Longitudinal Cracking Index	100	100	100	100	100
Tranverse Cracking Index	100	100	100	100	100
Patching Index	100	100	100	100	100
Rutting Index	97	94	96	94	94
Roughness Condition Index (RCI)	99	100	100	100	100

NC - Not Collected



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

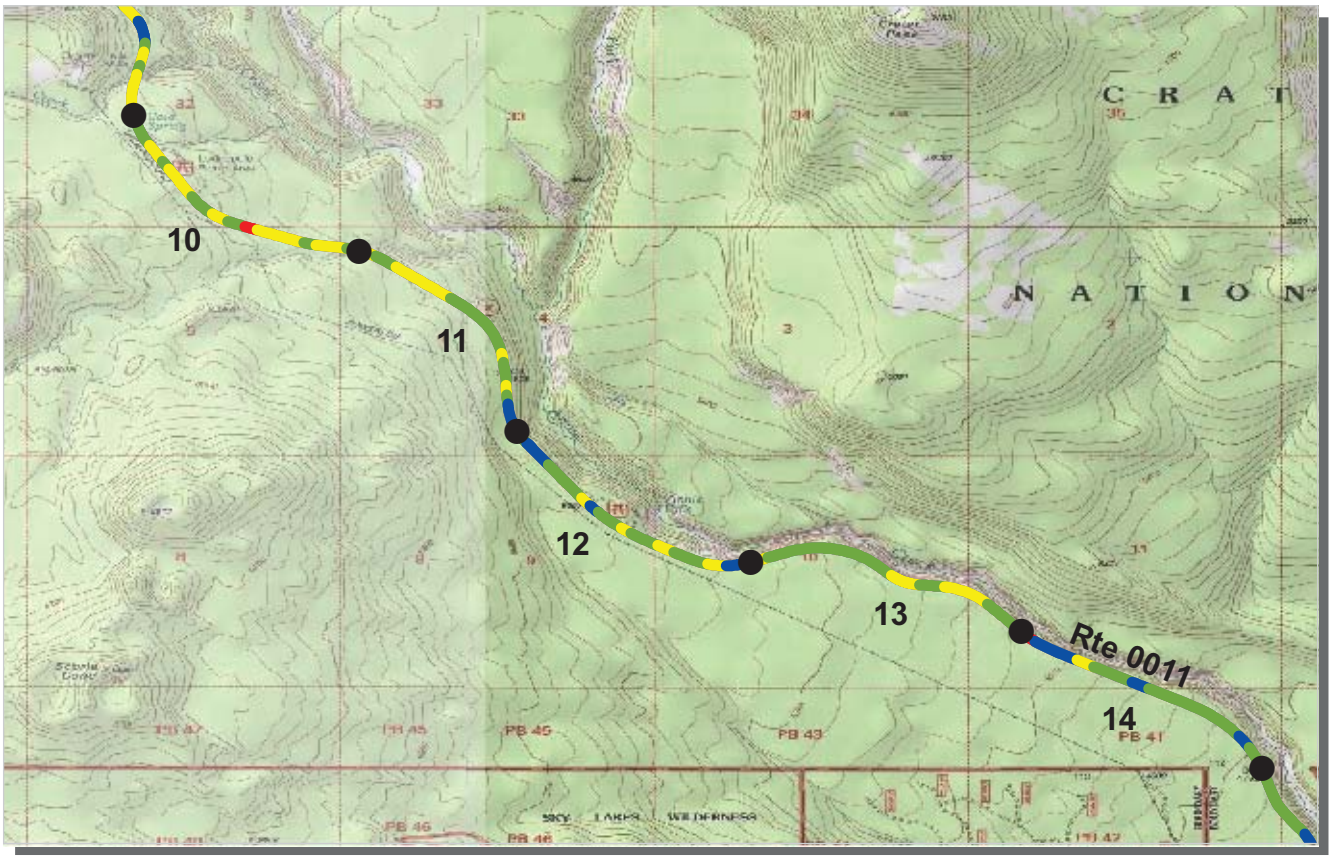
* If the PCR rating is not available for a section, the SCR rating will be displayed. See appendix for definitions and formulas.

ROUTE: 0011 CRATER LAKE HIGHWAY
CRLA : CRATER LAKE NATIONAL PARK

COLLECTED: 9/10/2008
PACIFIC WEST REGION **TOTAL LENGTH: 17.43 Miles**

Section Number	5	6	7	8	9
Section Length (mi)	1.00	1.00	1.00	1.00	1.00
Traffic					
AADT	Traffic data may be found at www.efl.fhwa.dot.gov Click on PROGRAMS / NPS Traffic Data (Note: Not all parks have traffic data)				
SADT					
ADT Date					
Cross Section Information					
Number of Lanes	2	2	2	2	2
Paved Width (ft)	27	27	32	28	27
Lane Width (ft)	10	10	11	11	11
Shoulder Width Right (ft)	NC	NC	NC	NC	NC
Shoulder Width Left (ft)	NC	NC	NC	NC	NC
Roadway Condition Information					
SCR (Surface Condition Rating)	95	96	93	90	87
PCR (Pavement Condition Rating)	97	98	93	88	87
Distress Index Values					
Alligator Cracking Index	100	100	100	100	100
Longitudinal Cracking Index	100	100	100	99	99
Tranverse Cracking Index	100	100	100	100	100
Patching Index	100	100	100	100	100
Rutting Index	95	96	94	91	88
Roughness Condition Index (RCI)	100	100	93	84	87

NC - Not Collected



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

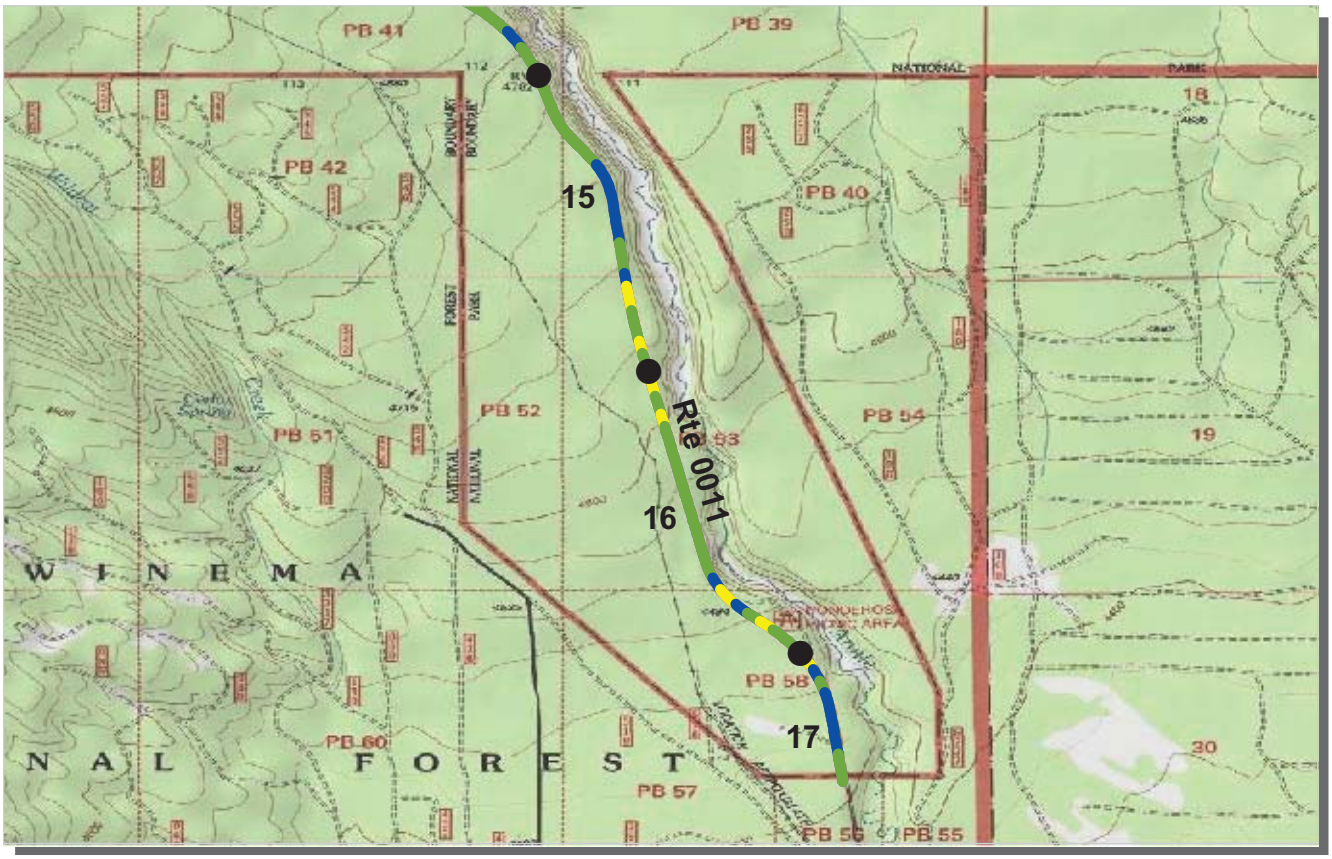
* If the PCR rating is not available for a section, the SCR rating will be displayed. See appendix for definitions and formulas.

ROUTE: 0011 CRATER LAKE HIGHWAY
CRLA : CRATER LAKE NATIONAL PARK

COLLECTED: 9/10/2008
PACIFIC WEST REGION **TOTAL LENGTH: 17.43 Miles**

Section Number	10	11	12	13	14
Section Length (mi)	1.00	1.00	1.00	1.00	1.00
Traffic					
AADT	Traffic data may be found at www.efl.fhwa.dot.gov Click on PROGRAMS / NPS Traffic Data (Note: Not all parks have traffic data)				
SADT					
ADT Date					
Cross Section Information					
Number of Lanes	2	2	2	2	2
Paved Width (ft)	27	27	27	27	26
Lane Width (ft)	10	11	11	11	11
Shoulder Width Right (ft)	NC	NC	NC	NC	NC
Shoulder Width Left (ft)	NC	NC	NC	NC	NC
Roadway Condition Information					
SCR (Surface Condition Rating)	78	87	85	86	84
PCR (Pavement Condition Rating)	78	85	86	87	88
Distress Index Values					
Alligator Cracking Index	100	100	100	100	100
Longitudinal Cracking Index	99	99	98	99	100
Tranverse Cracking Index	99	99	100	100	100
Patching Index	100	100	100	100	100
Rutting Index	79	89	88	88	84
Roughness Condition Index (RCI)	80	81	87	88	95

NC - Not Collected



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

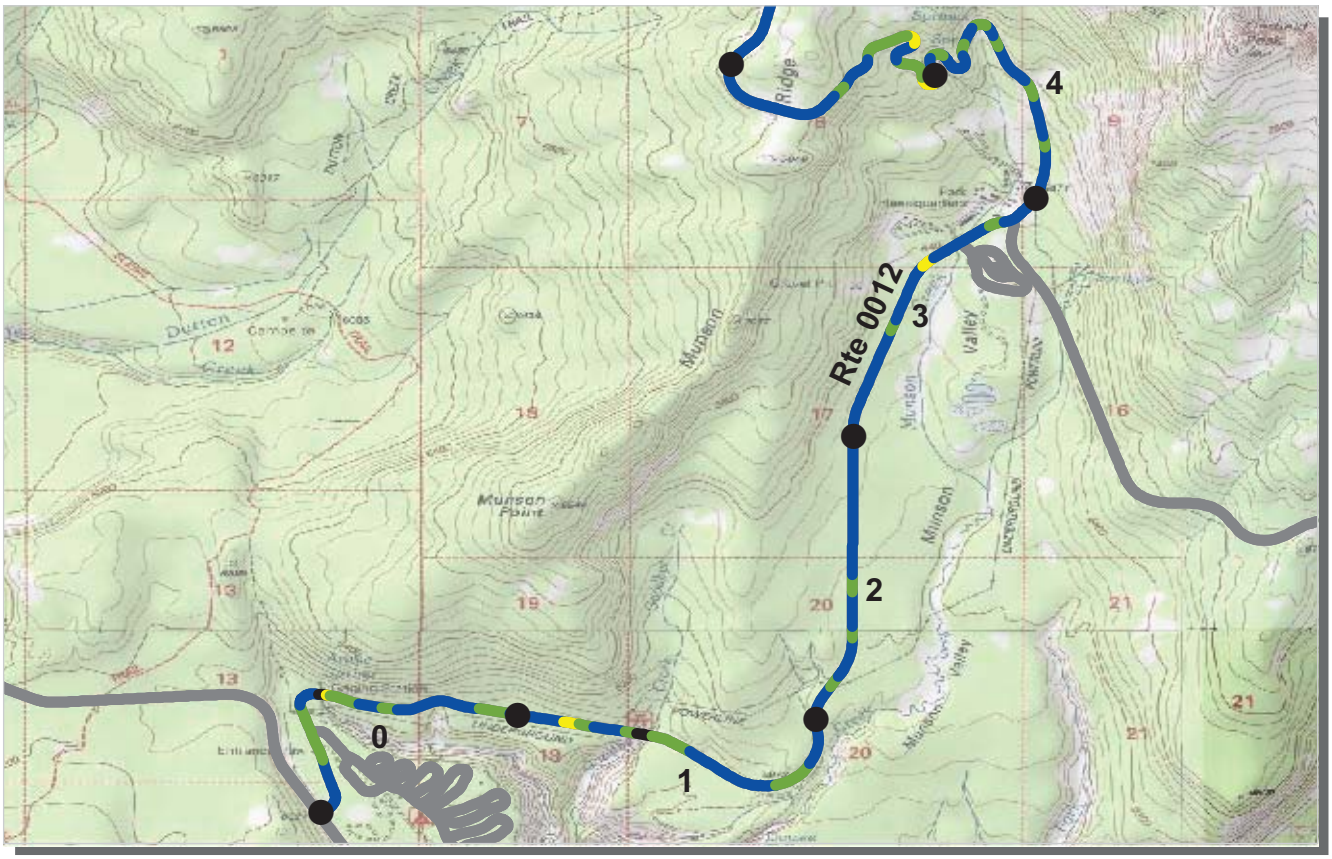
* If the PCR rating is not available for a section, the SCR rating will be displayed. See appendix for definitions and formulas.

ROUTE: 0011 CRATER LAKE HIGHWAY
CRLA : CRATER LAKE NATIONAL PARK

COLLECTED: 9/10/2008
PACIFIC WEST REGION **TOTAL LENGTH: 17.43 Miles**

Section Number	15	16	17		
Section Length (mi)	1.00	1.00	0.43		
Traffic	Traffic data may be found at www.efl.fhwa.dot.gov Click on PROGRAMS / NPS Traffic Data (Note: Not all parks have traffic data)				
AADT					
SADT					
ADT Date					
Cross Section Information					
Number of Lanes	2	2	2		
Paved Width (ft)	27	27	27		
Lane Width (ft)	11	11	10		
Shoulder Width Right (ft)	NC	NC	NC		
Shoulder Width Left (ft)	NC	NC	NC		
Roadway Condition Information					
SCR (Surface Condition Rating)	89	83	90		
PCR (Pavement Condition Rating)	92	88	90		
Distress Index Values					
Alligator Cracking Index	100	100	100		
Longitudinal Cracking Index	99	100	100		
Tranverse Cracking Index	100	100	100		
Patching Index	100	100	100		
Rutting Index	89	83	90		
Roughness Condition Index (RCI)	96	94	90		

NC - Not Collected



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

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

ROUTE: 0012 MUNSON VALLEY ROAD
CRLA : CRATER LAKE NATIONAL PARK

COLLECTED: 9/9/2008
PACIFIC WEST REGION **TOTAL LENGTH: 7.21 Miles**

Section Number	0	1	2	3	4
Section Length (mi)	1.00	1.00	1.00	1.00	1.00
Traffic					
AADT	Traffic data may be found at www.efl.fhwa.dot.gov Click on PROGRAMS / NPS Traffic Data (Note: Not all parks have traffic data)				
SADT					
ADT Date					
Cross Section Information					
Number of Lanes	3	2	2	2	2
Paved Width (ft)	32	28	26	27	27
Lane Width (ft)	13	11	10	10	10
Shoulder Width Right (ft)	NC	NC	NC	NC	NC
Shoulder Width Left (ft)	NC	NC	NC	NC	NC
Roadway Condition Information					
SCR (Surface Condition Rating)	93	92	94	94	95
PCR (Pavement Condition Rating)	92	94	96	94	95
Distress Index Values					
Alligator Cracking Index	100	100	100	100	100
Longitudinal Cracking Index	100	100	100	100	99
Tranverse Cracking Index	100	100	100	100	100
Patching Index	100	100	100	100	100
Rutting Index	93	93	94	94	96
Roughness Condition Index (RCI)	90	97	98	95	96

NC - Not Collected

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

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

ROUTE: 0012 MUNSON VALLEY ROAD
CRLA : CRATER LAKE NATIONAL PARK

COLLECTED: 9/9/2008
PACIFIC WEST REGION **TOTAL LENGTH: 7.21 Miles**

Section Number	5	6	7		
Section Length (mi)	1.00	1.00	0.21		
Traffic					
AADT	Traffic data may be found at www.efl.fhwa.dot.gov Click on PROGRAMS / NPS Traffic Data (Note: Not all parks have traffic data)				
SADT					
ADT Date					
Cross Section Information					
Number of Lanes	2	2	2		
Paved Width (ft)	27	28	28		
Lane Width (ft)	10	11	11		
Shoulder Width Right (ft)	NC	NC	NC		
Shoulder Width Left (ft)	NC	NC	NC		
Roadway Condition Information					
SCR (Surface Condition Rating)	91	95	38		
PCR (Pavement Condition Rating)	93	92	41		
Distress Index Values					
Alligator Cracking Index	100	100	83		
Longitudinal Cracking Index	99	100	87		
Tranverse Cracking Index	100	100	90		
Patching Index	100	100	100		
Rutting Index	93	96	71		
Roughness Condition Index (RCI)	96	86	46		

NC - Not Collected

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

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

ROUTE: 0013 EAST RIM DRIVE
CRLA : CRATER LAKE NATIONAL PARK

COLLECTED: 9/9/2008

PACIFIC WEST REGION **TOTAL LENGTH: 23.19 Miles**

Section Number	0	1	2	3	4
Section Length (mi)	1.00	1.00	1.00	1.00	1.00
Traffic					
AADT	Traffic data may be found at www.efl.fhwa.dot.gov Click on PROGRAMS / NPS Traffic Data (Note: Not all parks have traffic data)				
SADT					
ADT Date					
Cross Section Information					
Number of Lanes	2	2	2	2	2
Paved Width (ft)	22	21	21	21	21
Lane Width (ft)	10	10	10	9	9
Shoulder Width Right (ft)	NC	NC	NC	NC	NC
Shoulder Width Left (ft)	NC	NC	NC	NC	NC
Roadway Condition Information					
SCR (Surface Condition Rating)	86	82	77	78	77
PCR (Pavement Condition Rating)	85	83	78	81	81
Distress Index Values					
Alligator Cracking Index	99	100	100	100	99
Longitudinal Cracking Index	99	100	100	100	99
Tranverse Cracking Index	99	100	100	100	99
Patching Index	99	100	97	100	98
Rutting Index	89	83	80	79	82
Roughness Condition Index (RCI)	83	84	80	84	87

NC - Not Collected

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

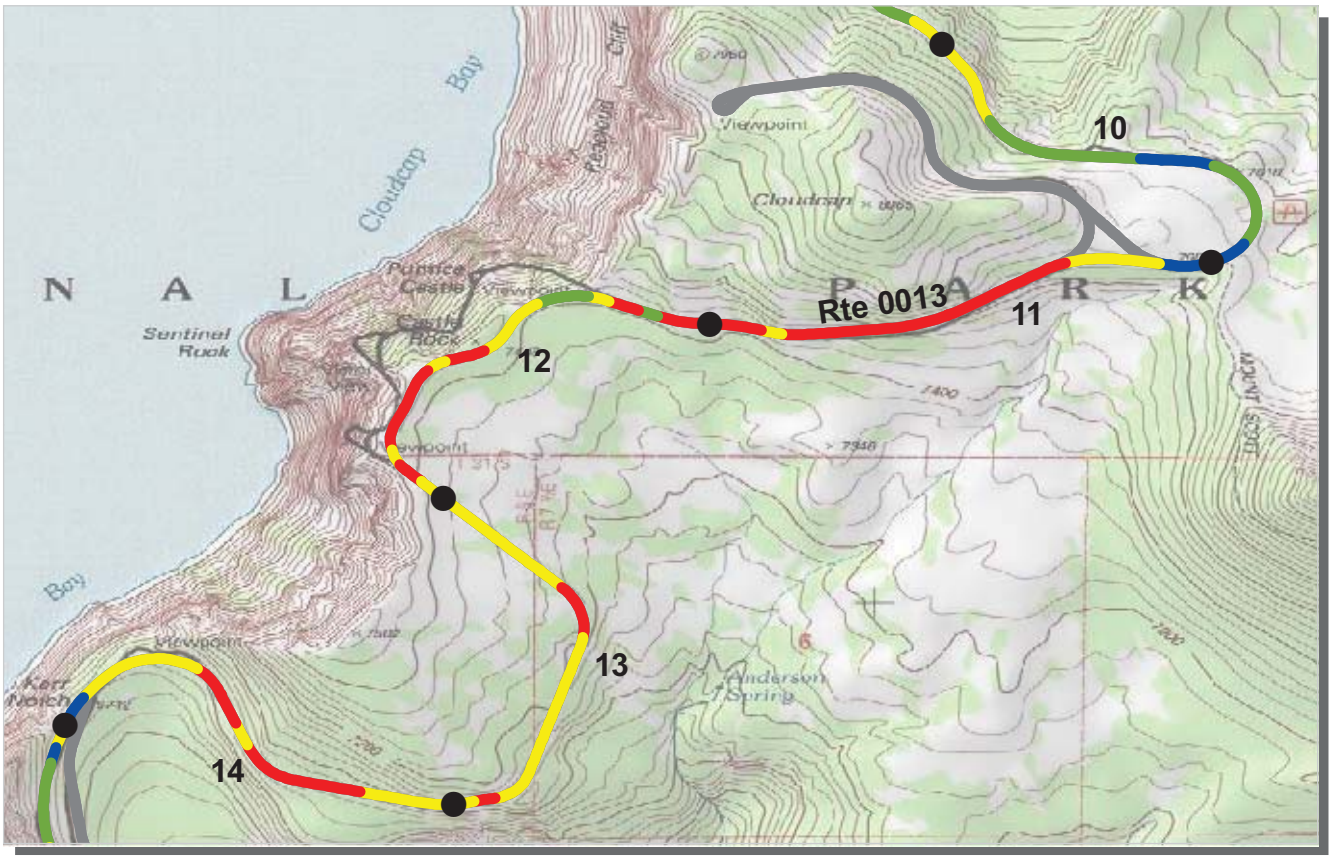
* If the PCR rating is not available for a section, the SCR rating will be displayed. See appendix for definitions and formulas.

ROUTE: 0013 EAST RIM DRIVE
CRLA : CRATER LAKE NATIONAL PARK

COLLECTED: 9/9/2008
PACIFIC WEST REGION **TOTAL LENGTH: 23.19 Miles**

Section Number	5	6	7	8	9
Section Length (mi)	1.00	1.00	1.00	1.00	1.00
Traffic					
AADT	Traffic data may be found at www.efl.fhwa.dot.gov				
SADT	Click on PROGRAMS / NPS Traffic Data				
ADT Date	(Note: Not all parks have traffic data)				
Cross Section Information					
Number of Lanes	2	2	2	2	2
Paved Width (ft)	21	21	21	21	20
Lane Width (ft)	9	10	9	9	9
Shoulder Width Right (ft)	NC	NC	NC	NC	NC
Shoulder Width Left (ft)	NC	NC	NC	NC	NC
Roadway Condition Information					
SCR (Surface Condition Rating)	79	78	84	82	78
PCR (Pavement Condition Rating)	81	79	83	81	82
Distress Index Values					
Alligator Cracking Index	100	100	99	99	96
Longitudinal Cracking Index	100	99	99	99	99
Tranverse Cracking Index	99	99	98	98	100
Patching Index	99	99	100	100	100
Rutting Index	81	81	88	86	84
Roughness Condition Index (RCI)	84	81	82	79	89

NC - Not Collected



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

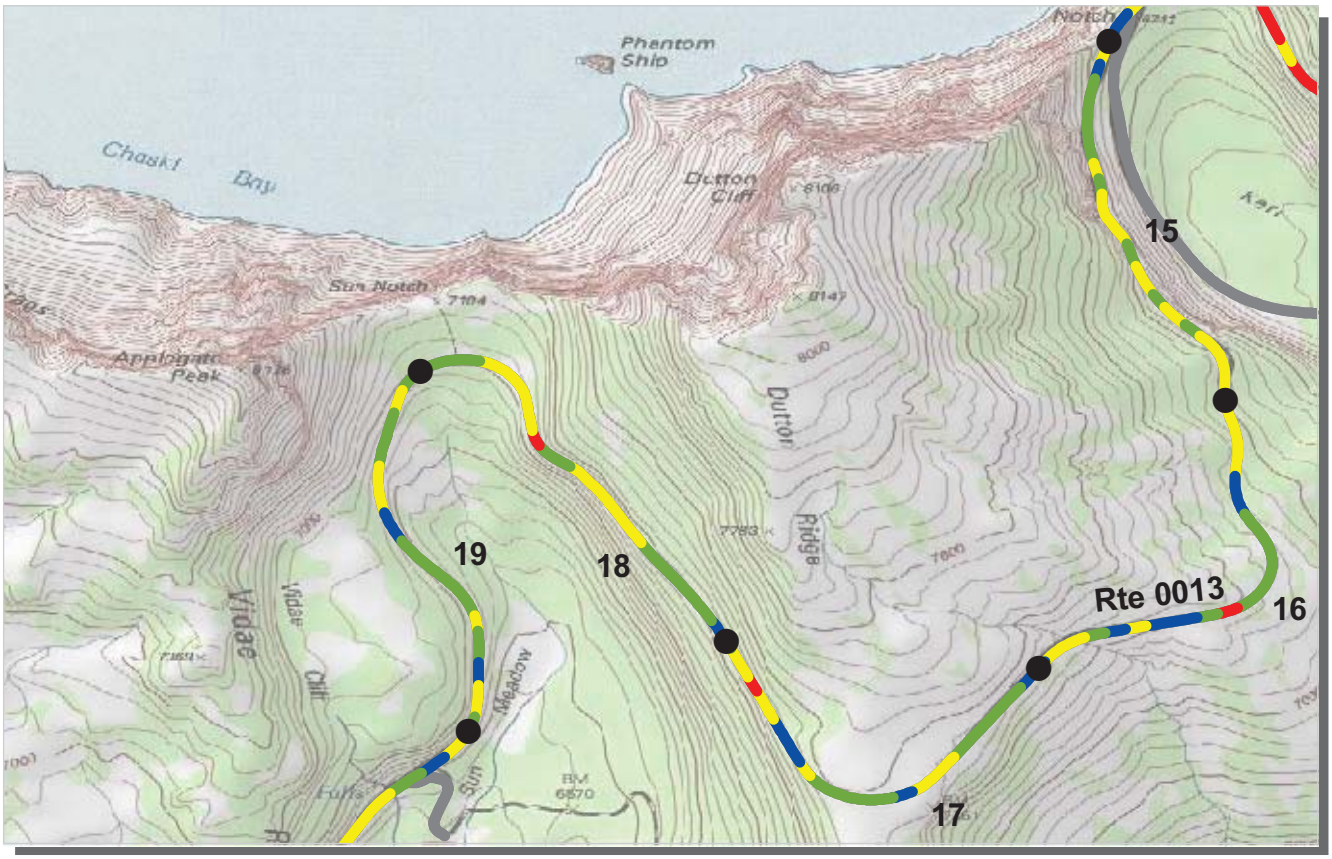
* If the PCR rating is not available for a section, the SCR rating will be displayed. See appendix for definitions and formulas.

ROUTE: 0013 EAST RIM DRIVE
CRLA : CRATER LAKE NATIONAL PARK

COLLECTED: 9/9/2008
PACIFIC WEST REGION **TOTAL LENGTH: 23.19 Miles**

Section Number	10	11	12	13	14
Section Length (mi)	1.00	1.00	1.00	1.00	1.00
Traffic					
AADT	Traffic data may be found at www.efl.fhwa.dot.gov				
SADT	Click on PROGRAMS / NPS Traffic Data				
ADT Date	(Note: Not all parks have traffic data)				
Cross Section Information					
Number of Lanes	2	2	2	2	2
Paved Width (ft)	21	21	22	20	20
Lane Width (ft)	9	8	9	8	8
Shoulder Width Right (ft)	NC	NC	NC	NC	NC
Shoulder Width Left (ft)	NC	NC	NC	NC	NC
Roadway Condition Information					
SCR (Surface Condition Rating)	84	25	46	55	54
PCR (Pavement Condition Rating)	87	43	59	61	55
Distress Index Values					
Alligator Cracking Index	98	44	67	81	79
Longitudinal Cracking Index	100	95	95	95	93
Tranverse Cracking Index	100	93	95	98	97
Patching Index	100	100	100	100	100
Rutting Index	86	69	80	76	79
Roughness Condition Index (RCI)	91	71	78	73	56

NC - Not Collected



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

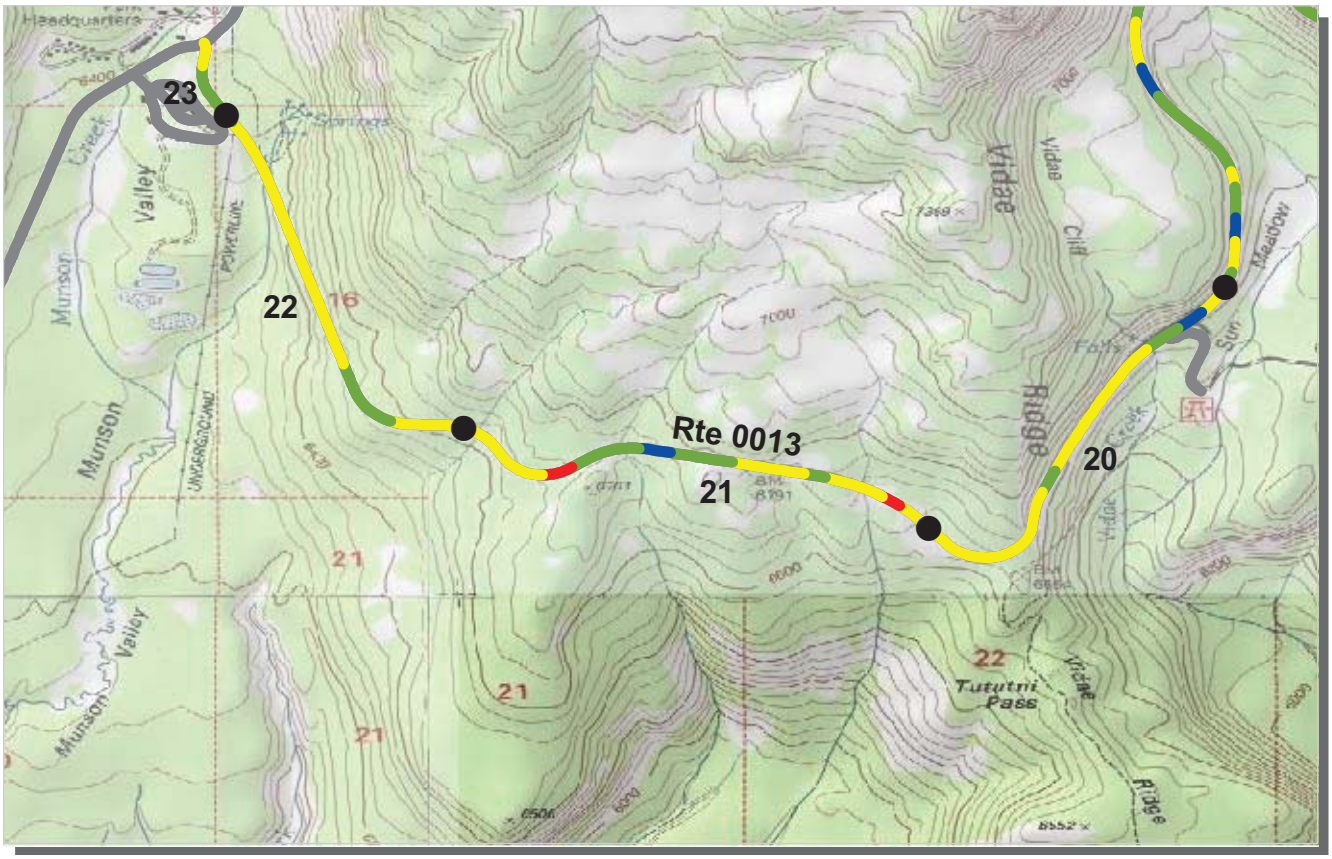
* If the PCR rating is not available for a section, the SCR rating will be displayed. See appendix for definitions and formulas.

ROUTE: 0013 EAST RIM DRIVE
CRLA : CRATER LAKE NATIONAL PARK

COLLECTED: 9/9/2008
PACIFIC WEST REGION **TOTAL LENGTH: 23.19 Miles**

Section Number	15	16	17	18	19
Section Length (mi)	1.00	1.00	1.00	1.00	1.00
Traffic					
AADT	Traffic data may be found at www.efl.fhwa.dot.gov				
SADT	Click on PROGRAMS / NPS Traffic Data				
ADT Date	(Note: Not all parks have traffic data)				
Cross Section Information					
Number of Lanes	2	2	2	2	2
Paved Width (ft)	21	21	21	22	22
Lane Width (ft)	8	9	9	9	9
Shoulder Width Right (ft)	NC	NC	NC	NC	NC
Shoulder Width Left (ft)	NC	NC	NC	NC	NC
Roadway Condition Information					
SCR (Surface Condition Rating)	86	82	84	83	86
PCR (Pavement Condition Rating)	81	83	85	81	86
Distress Index Values					
Alligator Cracking Index	100	96	100	100	100
Longitudinal Cracking Index	99	99	97	99	98
Tranverse Cracking Index	99	99	98	100	100
Patching Index	100	100	100	100	100
Rutting Index	88	87	89	85	89
Roughness Condition Index (RCI)	73	83	87	79	86

NC - Not Collected



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

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

ROUTE: 0013 EAST RIM DRIVE
CRLA : CRATER LAKE NATIONAL PARK

COLLECTED: 9/9/2008
PACIFIC WEST REGION **TOTAL LENGTH: 23.19 Miles**

Section Number	20	21	22	23	
Section Length (mi)	1.00	1.00	1.00	0.19	
Traffic					
AADT	Traffic data may be found at www.efl.fhwa.dot.gov Click on PROGRAMS / NPS Traffic Data (Note: Not all parks have traffic data)				
SADT					
ADT Date					
Cross Section Information					
Number of Lanes	2	2	2	2	
Paved Width (ft)	22	22	22	25	
Lane Width (ft)	8	9	9	9	
Shoulder Width Right (ft)	NC	NC	NC	NC	
Shoulder Width Left (ft)	NC	NC	NC	NC	
Roadway Condition Information					
SCR (Surface Condition Rating)	74	73	81	85	
PCR (Pavement Condition Rating)	78	78	78	87	
Distress Index Values					
Alligator Cracking Index	100	100	99	100	
Longitudinal Cracking Index	95	95	98	97	
Tranverse Cracking Index	98	98	99	97	
Patching Index	100	100	98	100	
Rutting Index	82	81	87	91	
Roughness Condition Index (RCI)	85	86	72	95	

NC - Not Collected

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

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

ROUTE: 0014 WEST RIM DRIVE
CRLA : CRATER LAKE NATIONAL PARK

COLLECTED: 9/9/2008
PACIFIC WEST REGION **TOTAL LENGTH: 5.92 Miles**

Section Number	0	1	2	3	4
Section Length (mi)	1.00	1.00	1.00	1.00	1.00
Traffic					
AADT	Traffic data may be found at www.efl.fhwa.dot.gov				
SADT	Click on PROGRAMS / NPS Traffic Data				
ADT Date	(Note: Not all parks have traffic data)				
Cross Section Information					
Number of Lanes	2	2	2	2	2
Paved Width (ft)	26	25	25	24	25
Lane Width (ft)	10	10	10	10	10
Shoulder Width Right (ft)	NC	NC	NC	NC	NC
Shoulder Width Left (ft)	NC	NC	NC	NC	NC
Roadway Condition Information					
SCR (Surface Condition Rating)	86	79	87	83	90
PCR (Pavement Condition Rating)	86	79	87	84	92
Distress Index Values					
Alligator Cracking Index	100	98	100	99	100
Longitudinal Cracking Index	99	97	97	96	96
Tranverse Cracking Index	99	95	99	98	100
Patching Index	100	100	100	100	100
Rutting Index	88	90	91	90	94
Roughness Condition Index (RCI)	87	79	88	85	96

NC - Not Collected

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

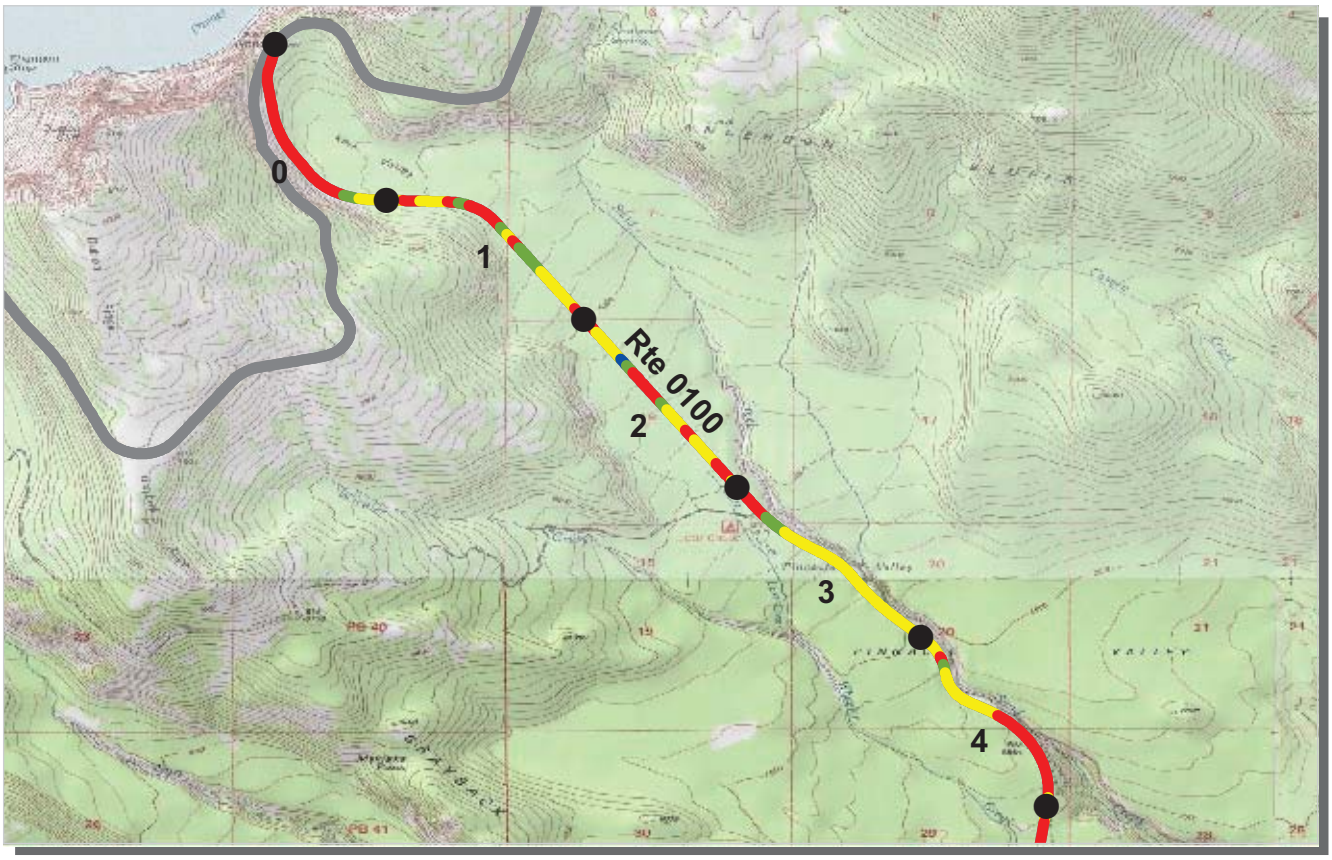
* If the PCR rating is not available for a section, the SCR rating will be displayed. See appendix for definitions and formulas.

ROUTE: 0014 WEST RIM DRIVE
CRLA : CRATER LAKE NATIONAL PARK

COLLECTED: 9/9/2008
PACIFIC WEST REGION **TOTAL LENGTH: 5.92 Miles**

Section Number	5				
Section Length (mi)	0.92				
Traffic					
AADT	Traffic data may be found at www.efl.fhwa.dot.gov Click on PROGRAMS / NPS Traffic Data (Note: Not all parks have traffic data)				
SADT					
ADT Date					
Cross Section Information					
Number of Lanes	2				
Paved Width (ft)	27				
Lane Width (ft)	11				
Shoulder Width Right (ft)	NC				
Shoulder Width Left (ft)	NC				
Roadway Condition Information					
SCR (Surface Condition Rating)	92				
PCR (Pavement Condition Rating)	92				
Distress Index Values					
Alligator Cracking Index	100				
Longitudinal Cracking Index	99				
Tranverse Cracking Index	100				
Patching Index	100				
Rutting Index	93				
Roughness Condition Index (RCI)	92				

NC - Not Collected



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

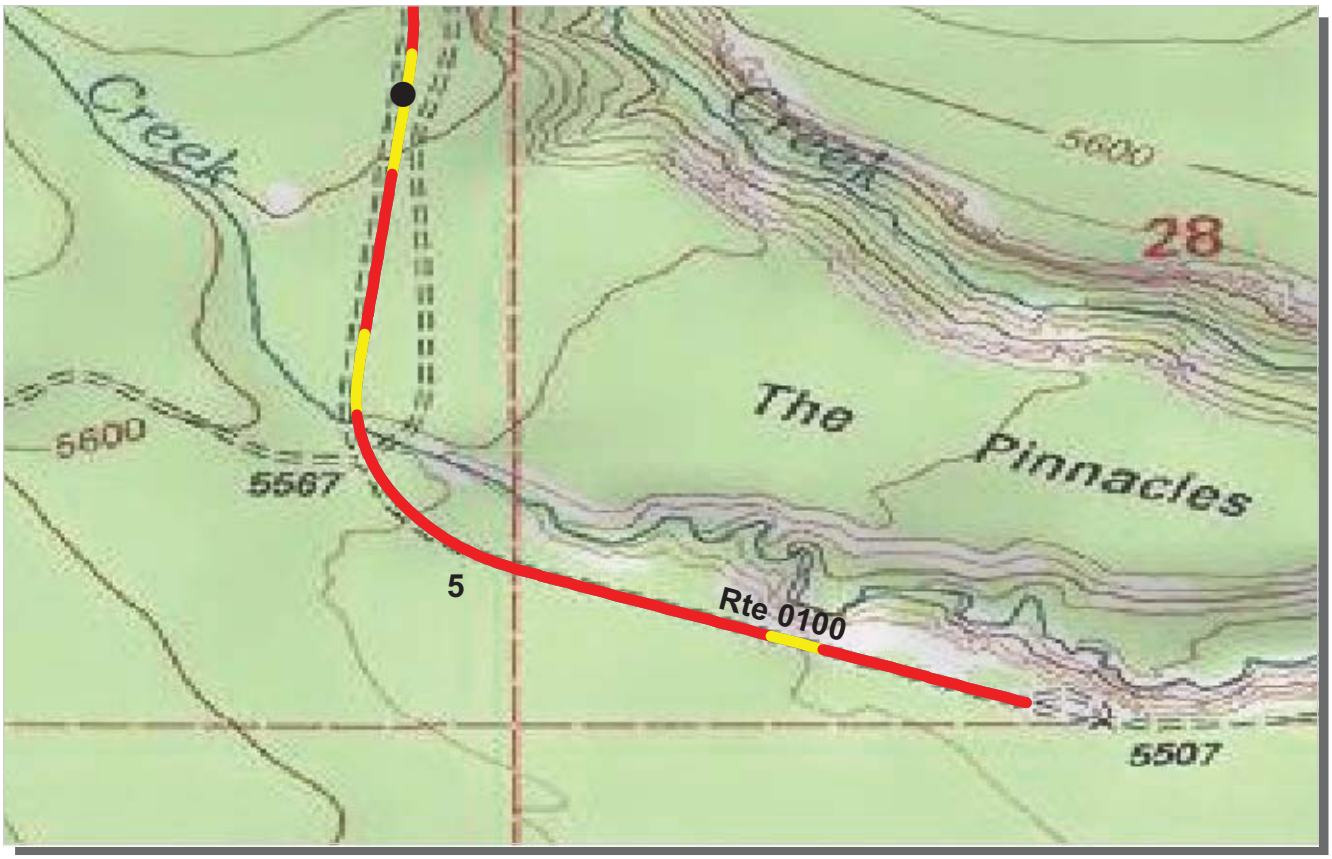
* If the PCR rating is not available for a section, the SCR rating will be displayed. See appendix for definitions and formulas.

ROUTE: 0100 PINNACLES ROAD
CRLA : CRATER LAKE NATIONAL PARK

COLLECTED: 9/10/2008
PACIFIC WEST REGION **TOTAL LENGTH: 5.92 Miles**

Section Number	0	1	2	3	4
Section Length (mi)	1.00	1.00	1.00	1.00	1.00
Traffic					
AADT	Traffic data may be found at www.efl.fhwa.dot.gov Click on PROGRAMS / NPS Traffic Data (Note: Not all parks have traffic data)				
SADT					
ADT Date					
Cross Section Information					
Number of Lanes	2	2	2	2	2
Paved Width (ft)	18	19	19	18	18
Lane Width (ft)	8	8	9	8	7
Shoulder Width Right (ft)	NC	NC	NC	NC	NC
Shoulder Width Left (ft)	NC	NC	NC	NC	NC
Roadway Condition Information					
SCR (Surface Condition Rating)	26	59	56	70	50
PCR (Pavement Condition Rating)	34	65	64	75	52
Distress Index Values					
Alligator Cracking Index	51	82	82	95	83
Longitudinal Cracking Index	91	95	95	98	96
Tranverse Cracking Index	92	94	94	90	93
Patching Index	98	100	100	100	100
Rutting Index	80	84	83	86	71
Roughness Condition Index (RCI)	56	74	76	82	60

NC - Not Collected



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

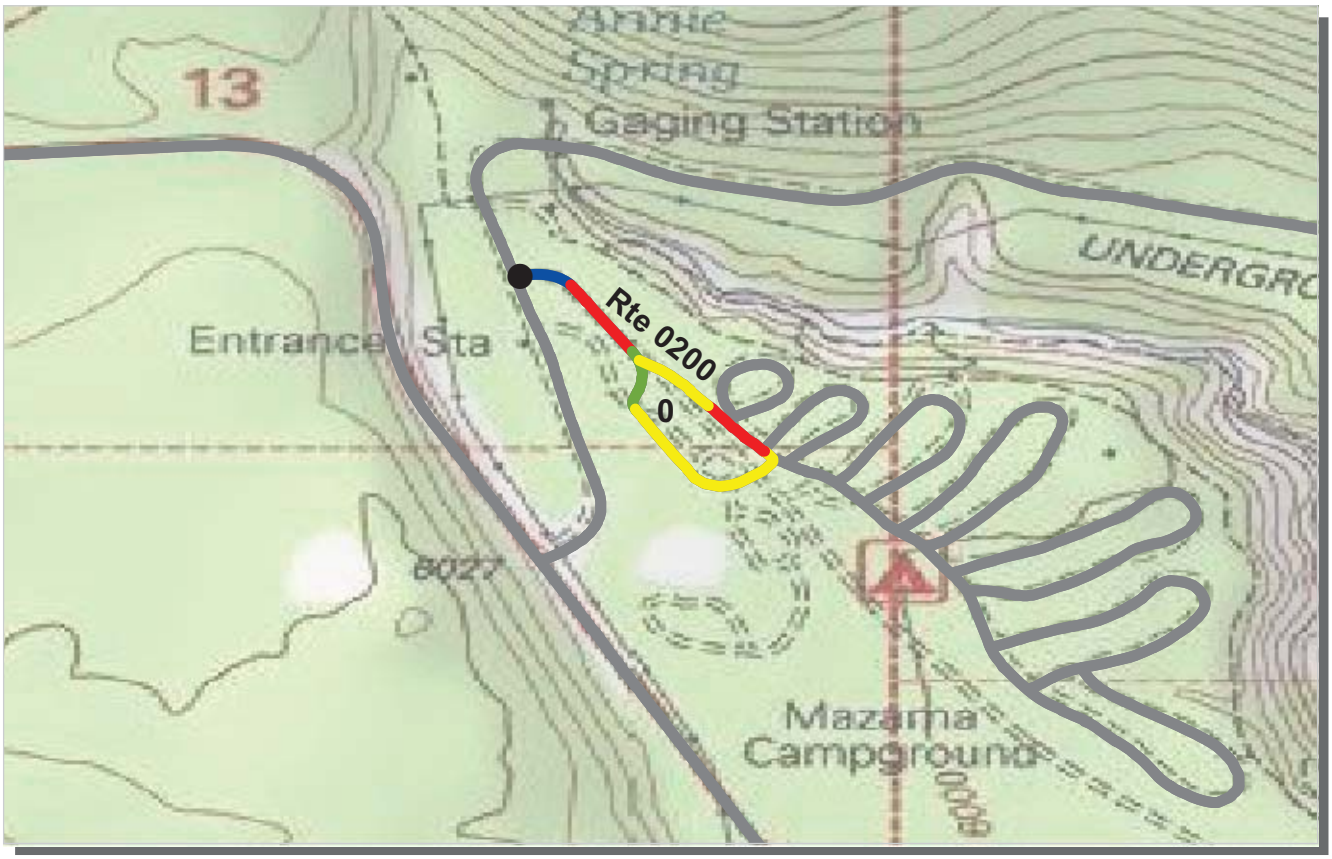
* If the PCR rating is not available for a section, the SCR rating will be displayed. See appendix for definitions and formulas.

ROUTE: 0100 PINNACLES ROAD
CRLA : CRATER LAKE NATIONAL PARK

COLLECTED: 9/10/2008
PACIFIC WEST REGION **TOTAL LENGTH: 5.92 Miles**

Section Number	5				
Section Length (mi)	0.92				
Traffic					
AADT	Traffic data may be found at www.efl.fhwa.dot.gov Click on PROGRAMS / NPS Traffic Data (Note: Not all parks have traffic data)				
SADT					
ADT Date					
Cross Section Information					
Number of Lanes	2				
Paved Width (ft)	18				
Lane Width (ft)	8				
Shoulder Width Right (ft)	NC				
Shoulder Width Left (ft)	NC				
Roadway Condition Information					
SCR (Surface Condition Rating)	38				
PCR (Pavement Condition Rating)	45				
Distress Index Values					
Alligator Cracking Index	74				
Longitudinal Cracking Index	96				
Tranverse Cracking Index	99				
Patching Index	100				
Rutting Index	62				
Roughness Condition Index (RCI)	59				

NC - Not Collected



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

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

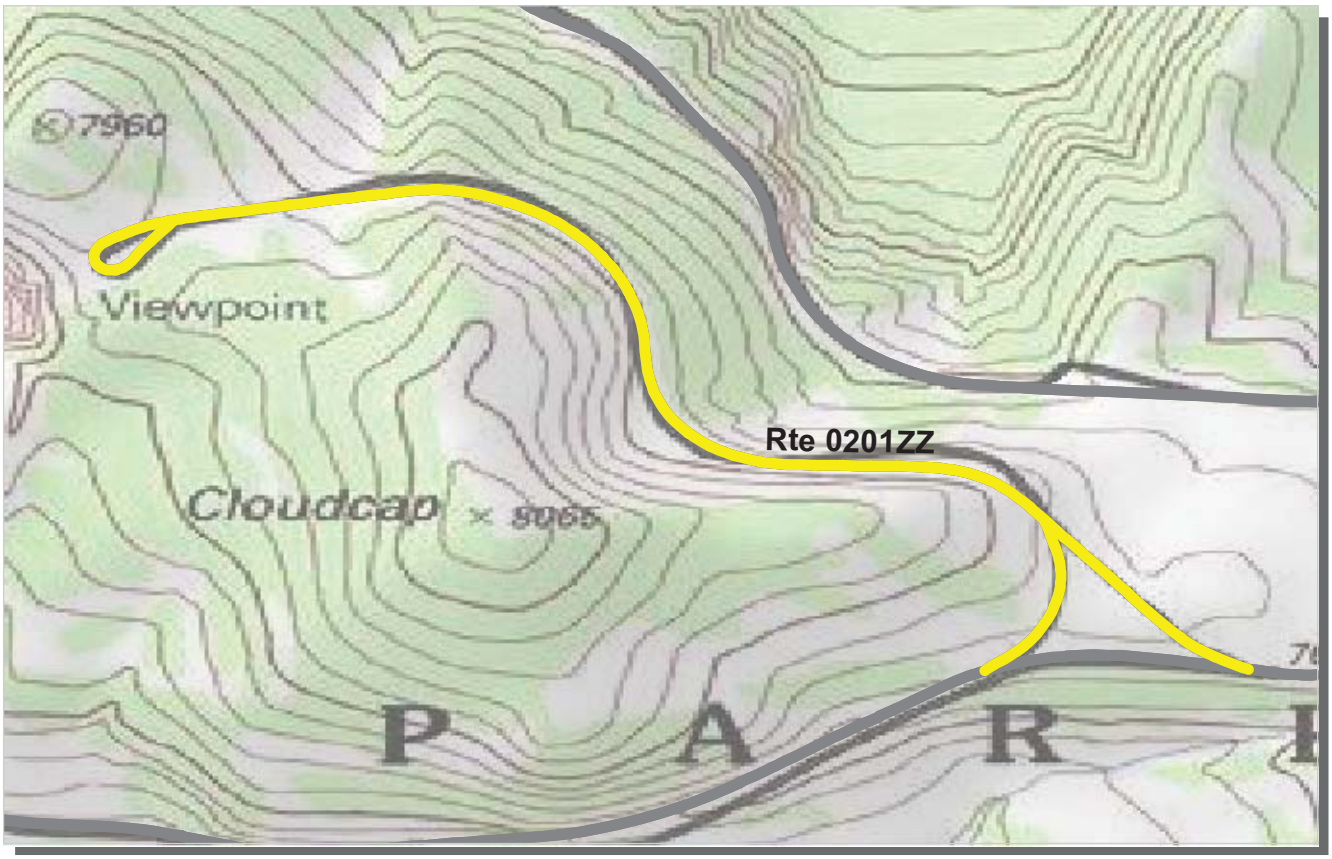
ROUTE: 0200 MAZAMA CAMPGROUND ACCESS ROAD
CRLA : CRATER LAKE NATIONAL PARK

COLLECTED: **9/9/2008**
PACIFIC WEST REGION **TOTAL LENGTH:** **0.46 Miles**

Section Number	0				
Section Length (mi)	0.46				
Traffic	Traffic data may be found at www.efl.fhwa.dot.gov Click on PROGRAMS / NPS Traffic Data (Note: Not all parks have traffic data)				
AADT					
SADT					
ADT Date					
Cross Section Information					
Number of Lanes	2				
Paved Width (ft)	22				
Lane Width (ft)	17				
Shoulder Width Right (ft)	NC				
Shoulder Width Left (ft)	NC				
Roadway Condition Information					
SCR (Surface Condition Rating)	58				
PCR (Pavement Condition Rating)	61				
Distress Index Values					
Alligator Cracking Index	86				
Longitudinal Cracking Index	96				
Tranverse Cracking Index	96				
Patching Index	92				
Rutting Index	85				
Roughness Condition Index (RCI)	69				

NC - Not Collected

ROUTE: 0200 MAZAMA CAMPGROUND ACCESS ROAD



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

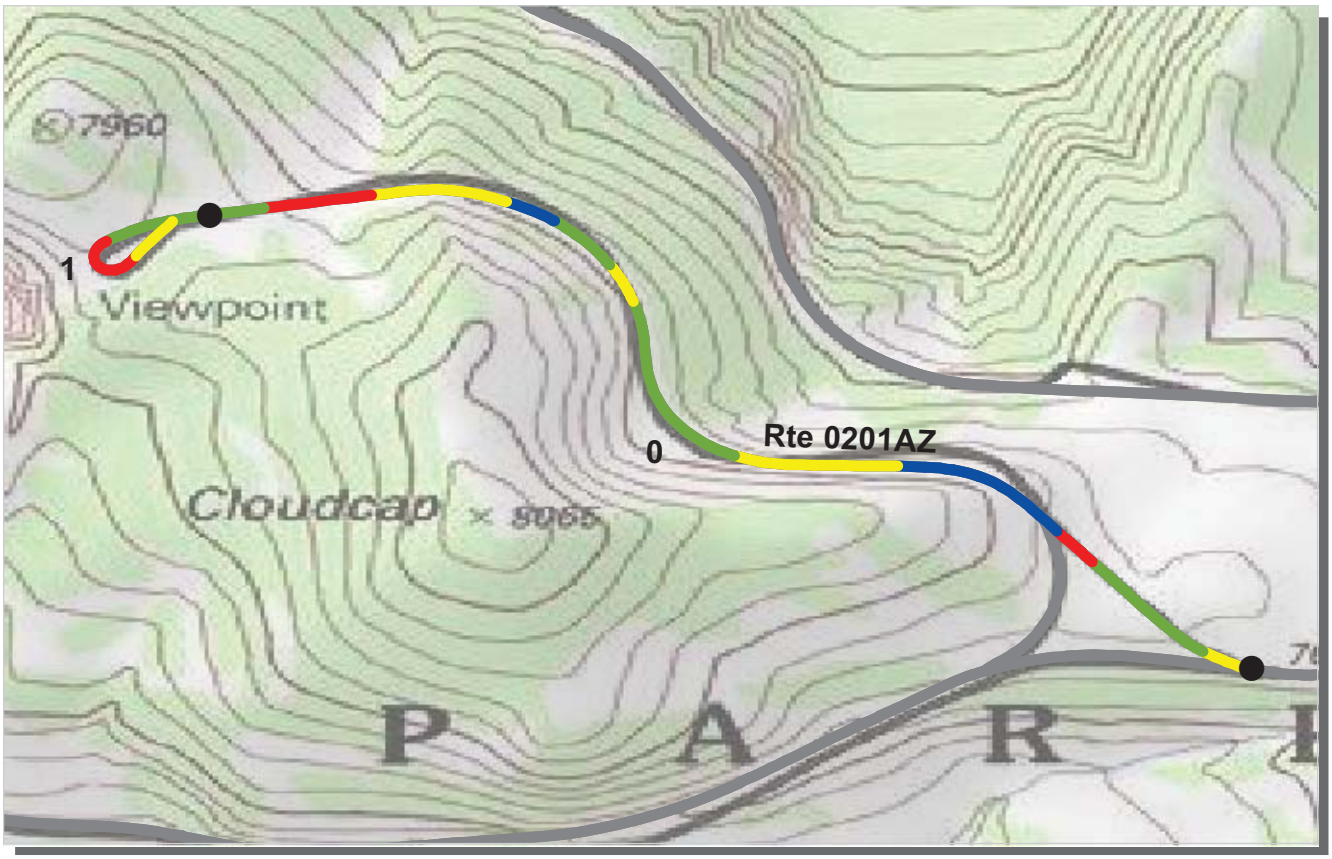
* If the PCR rating is not available for a section, the SCR rating will be displayed. See appendix for definitions and formulas.

ROUTE: 0201ZZ CLOUDCAP VIEWPOINT ROADS
CRLA : CRATER LAKE NATIONAL PARK

Summary Record **COLLECTED: 9/10/2008**
PACIFIC WEST REGION **TOTAL LENGTH: 1.33 Miles**

Section Number					
Section Length (mi)					
Traffic					
AADT	Traffic data may be found at www.efl.fhwa.dot.gov Click on PROGRAMS / NPS Traffic Data (Note: Not all parks have traffic data)				
SADT					
ADT Date					
Cross Section Information					
Number of Lanes	N/A				
Paved Width (ft)	N/A				
Lane Width (ft)	N/A				
Shoulder Width Right (ft)	NC				
Shoulder Width Left (ft)	NC				
Roadway Condition Information					
SCR (Surface Condition Rating)	73				
PCR (Pavement Condition Rating)	78				
Distress Index Values					
Alligator Cracking Index	N/A				
Longitudinal Cracking Index	N/A				
Tranverse Cracking Index	N/A				
Patching Index	N/A				
Rutting Index	N/A				
Roughness Condition Index (RCI)	N/A				

NC - Not Collected



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

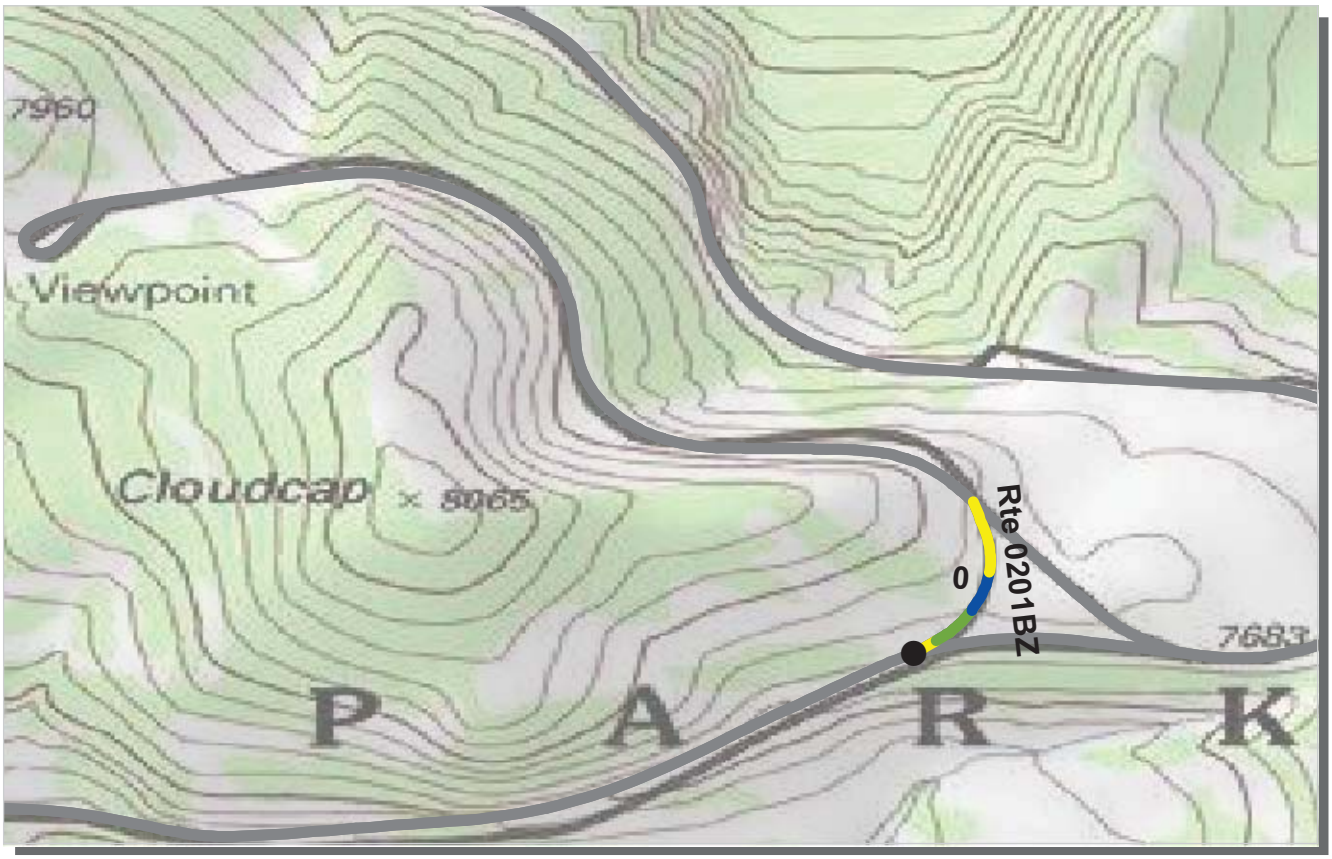
* If the PCR rating is not available for a section, the SCR rating will be displayed. See appendix for definitions and formulas.

ROUTE: 0201AZ CLOUDCAP VIEWPOINT ROAD
CRLA : CRATER LAKE NATIONAL PARK

Subcomponent Record **COLLECTED: 9/10/2008**
PACIFIC WEST REGION **TOTAL LENGTH: 1.17 Miles**

Section Number	0	1			
Section Length (mi)	1.00	0.17			
Traffic					
AADT	Traffic data may be found at www.efl.fhwa.dot.gov Click on PROGRAMS / NPS Traffic Data (Note: Not all parks have traffic data)				
SADT					
ADT Date					
Cross Section Information					
Number of Lanes	2	2			
Paved Width (ft)	21	23			
Lane Width (ft)	10	11			
Shoulder Width Right (ft)	NC	NC			
Shoulder Width Left (ft)	NC	NC			
Roadway Condition Information					
SCR (Surface Condition Rating)	71	77			
PCR (Pavement Condition Rating)	77	75			
Distress Index Values					
Alligator Cracking Index	92	100			
Longitudinal Cracking Index	96	99			
Tranverse Cracking Index	98	98			
Patching Index	100	100			
Rutting Index	85	81			
Roughness Condition Index (RCI)	88	72			

NC - Not Collected



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

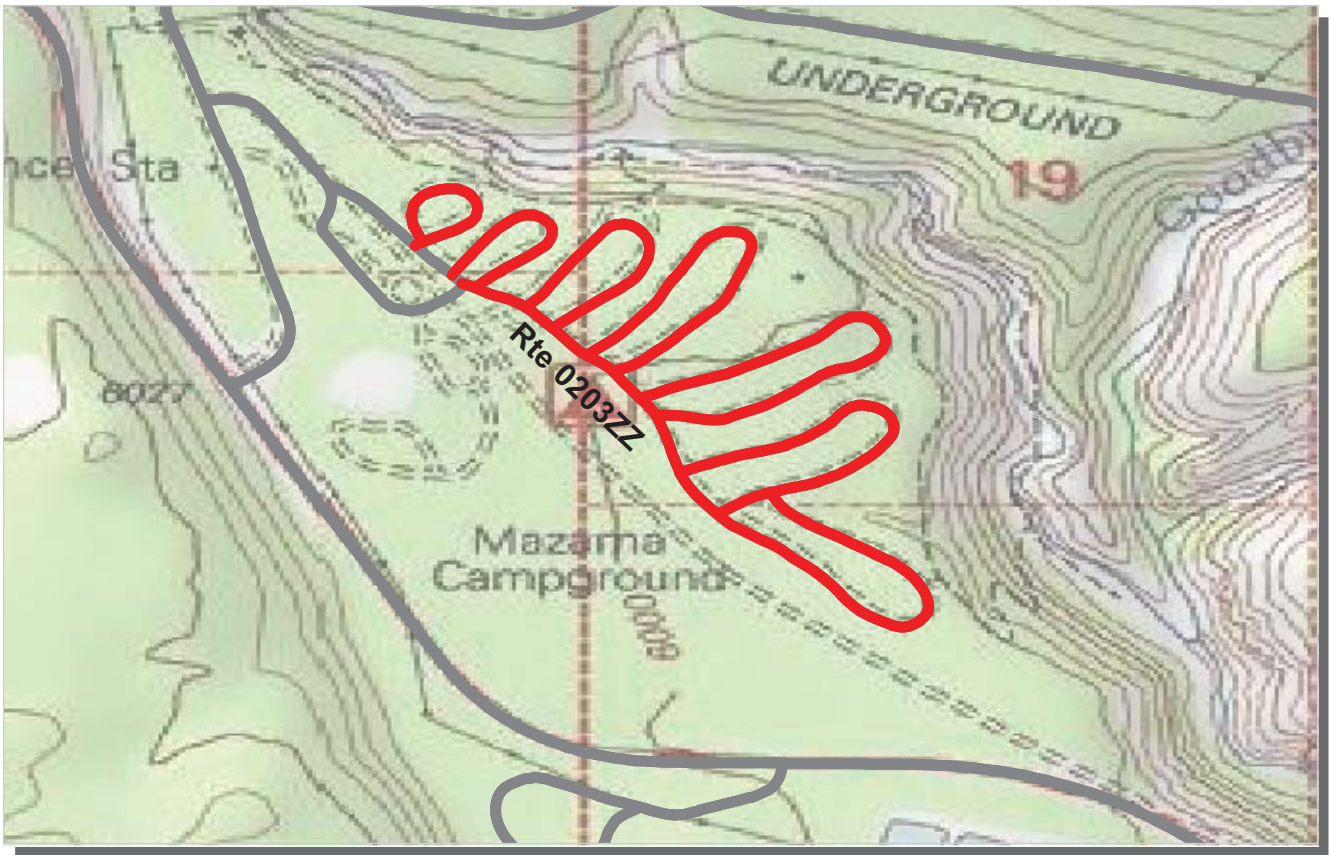
* If the PCR rating is not available for a section, the SCR rating will be displayed. See appendix for definitions and formulas.

ROUTE: 0201BZ CLOUDCAP VIEWPOINT ROAD SPUR
CRLA : CRATER LAKE NATIONAL PARK

Subcomponent Record **COLLECTED: 9/10/2008**
PACIFIC WEST REGION **TOTAL LENGTH: 0.16 Miles**

Section Number	0				
Section Length (mi)	0.16				
Traffic					
AADT	Traffic data may be found at www.efl.fhwa.dot.gov Click on PROGRAMS / NPS Traffic Data (Note: Not all parks have traffic data)				
SADT					
ADT Date					
Cross Section Information					
Number of Lanes	2				
Paved Width (ft)	21				
Lane Width (ft)	6				
Shoulder Width Right (ft)	NC				
Shoulder Width Left (ft)	NC				
Roadway Condition Information					
SCR (Surface Condition Rating)	80				
PCR (Pavement Condition Rating)	84				
Distress Index Values					
Alligator Cracking Index	99				
Longitudinal Cracking Index	100				
Tranverse Cracking Index	94				
Patching Index	100				
Rutting Index	88				
Roughness Condition Index (RCI)	89				

NC - Not Collected



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

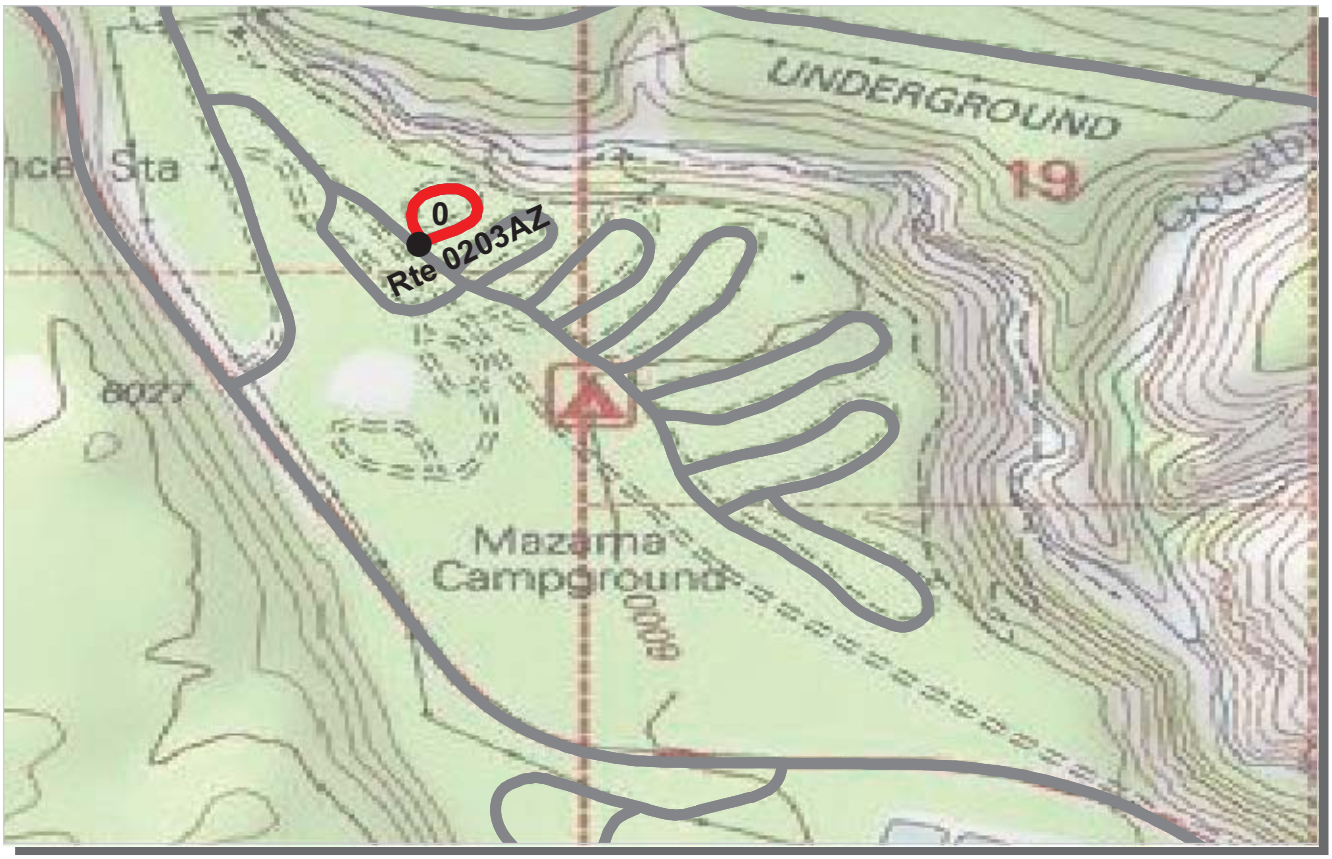
* If the PCR rating is not available for a section, the SCR rating will be displayed. See appendix for definitions and formulas.

ROUTE: 0203ZZ MAZAMA CAMPGROUND ROADS
CRLA : CRATER LAKE NATIONAL PARK

Summary Record **COLLECTED: 9/10/2008**
PACIFIC WEST REGION **TOTAL LENGTH: 2.38 Miles**

Section Number					
Section Length (mi)					
Traffic					
AADT	Traffic data may be found at www.efl.fhwa.dot.gov Click on PROGRAMS / NPS Traffic Data (Note: Not all parks have traffic data)				
SADT					
ADT Date					
Cross Section Information					
Number of Lanes	N/A				
Paved Width (ft)	N/A				
Lane Width (ft)	N/A				
Shoulder Width Right (ft)	NC				
Shoulder Width Left (ft)	NC				
Roadway Condition Information					
SCR (Surface Condition Rating)	43				
PCR (Pavement Condition Rating)	45				
Distress Index Values					
Alligator Cracking Index	N/A				
Longitudinal Cracking Index	N/A				
Tranverse Cracking Index	N/A				
Patching Index	N/A				
Rutting Index	N/A				
Roughness Condition Index (RCI)	N/A				

NC - Not Collected



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

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

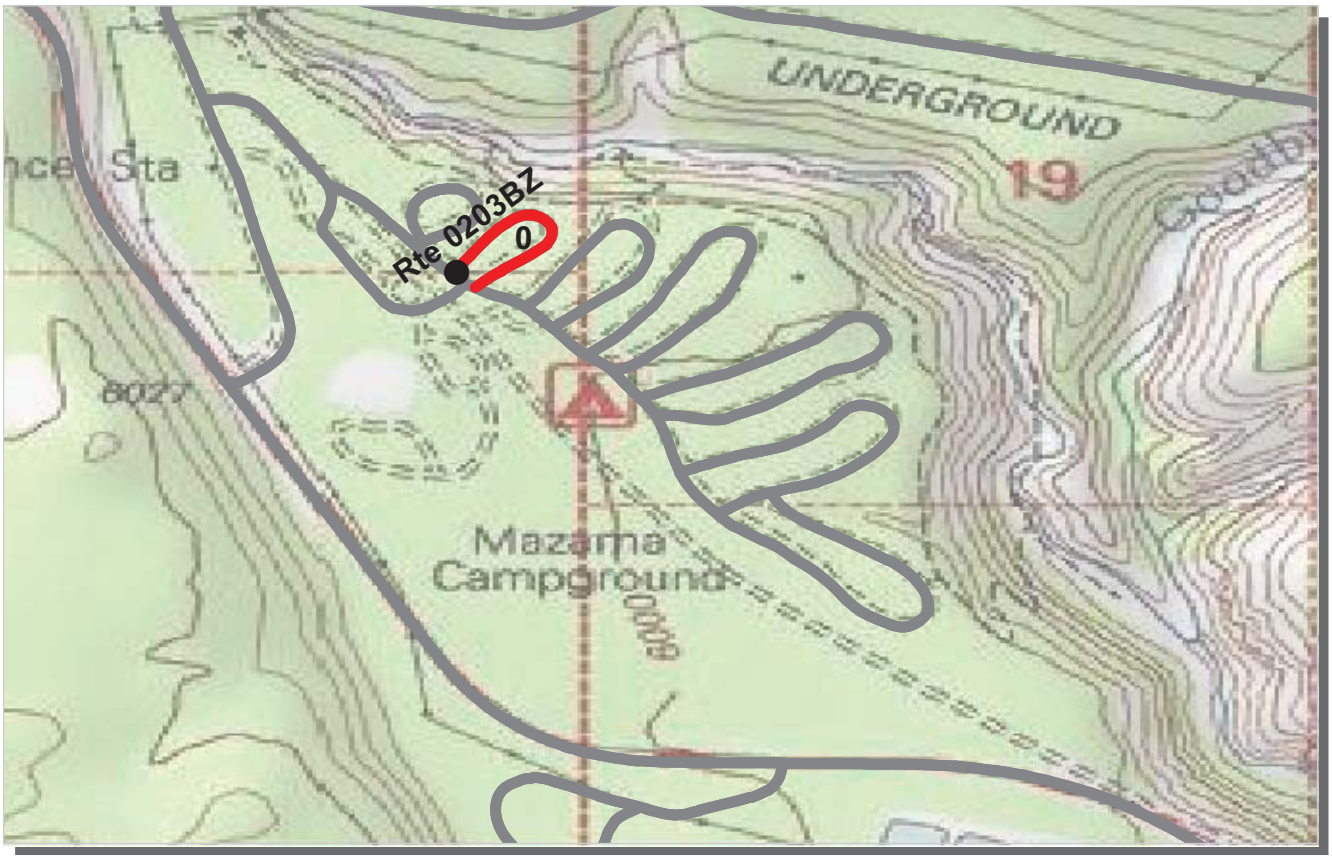
ROUTE: 0203AZ MAZAMA CAMPGROUND LOOP A
CRLA : CRATER LAKE NATIONAL PARK

Subcomponent Record **COLLECTED: 9/9/2008**
PACIFIC WEST REGION **TOTAL LENGTH: 0.16 Miles**

Section Number	0				
Section Length (mi)	0.16				
Traffic					
AADT	Traffic data may be found at www.efl.fhwa.dot.gov Click on PROGRAMS / NPS Traffic Data (Note: Not all parks have traffic data)				
SADT					
ADT Date					
Cross Section Information					
Number of Lanes	1				
Paved Width (ft)	15				
Lane Width (ft)	15				
Shoulder Width Right (ft)	NC				
Shoulder Width Left (ft)	NC				
Roadway Condition Information					
SCR (Surface Condition Rating)	29				
PCR (Pavement Condition Rating)	32				
Distress Index Values					
Alligator Cracking Index	76				
Longitudinal Cracking Index	95				
Tranverse Cracking Index	97				
Patching Index	99				
Rutting Index	58				
Roughness Condition Index (RCI)	61				

NC - Not Collected

ROUTE: 0203AZ MAZAMA CAMPGROUND LOOP A



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

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

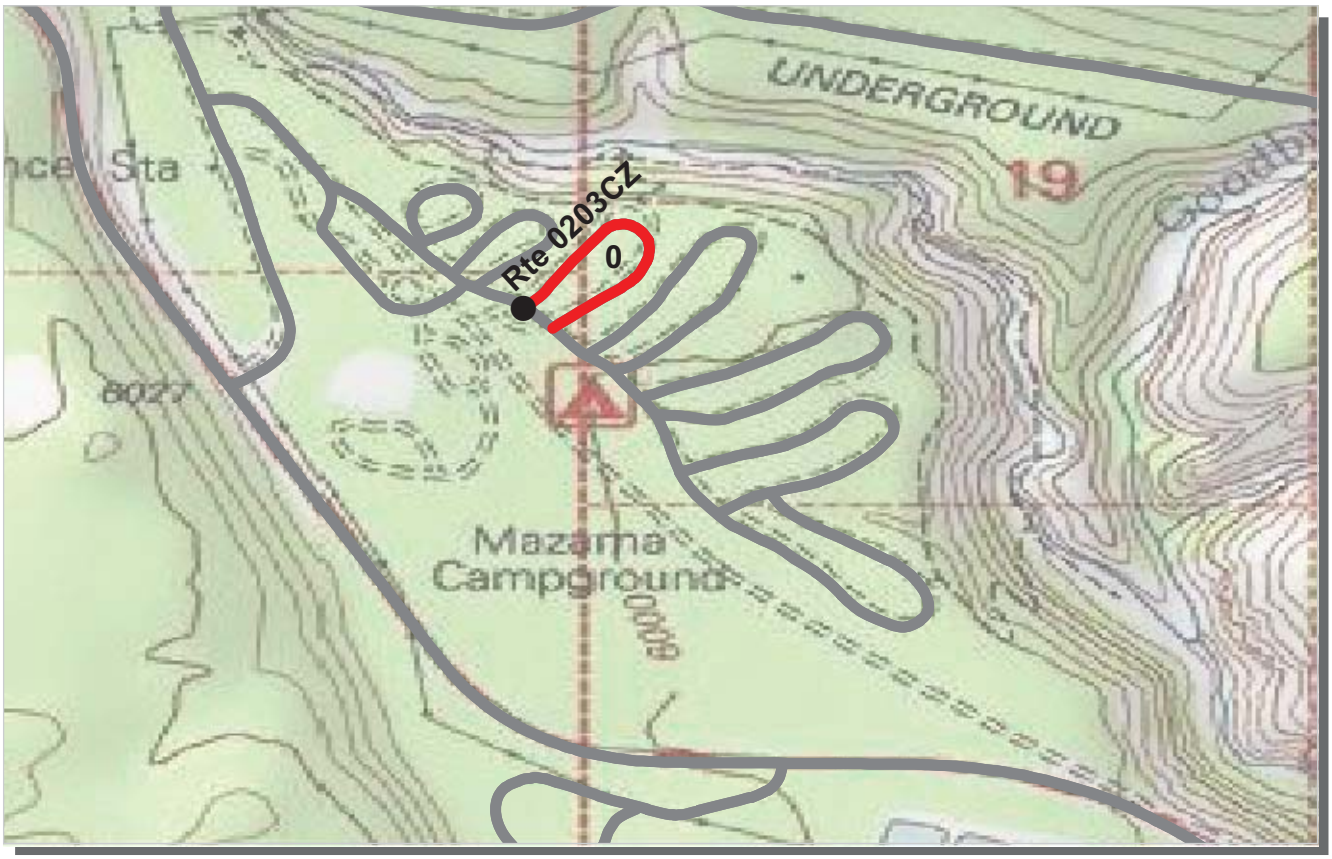
ROUTE: 0203BZ MAZAMA CAMPGROUND LOOP B
CRLA : CRATER LAKE NATIONAL PARK

Subcomponent Record **COLLECTED: 9/9/2008**
PACIFIC WEST REGION **TOTAL LENGTH: 0.18 Miles**

Section Number	0				
Section Length (mi)	0.18				
Traffic					
AADT	Traffic data may be found at www.efl.fhwa.dot.gov Click on PROGRAMS / NPS Traffic Data (Note: Not all parks have traffic data)				
SADT					
ADT Date					
Cross Section Information					
Number of Lanes	1				
Paved Width (ft)	18				
Lane Width (ft)	18				
Shoulder Width Right (ft)	NC				
Shoulder Width Left (ft)	NC				
Roadway Condition Information					
SCR (Surface Condition Rating)	31				
PCR (Pavement Condition Rating)	31				
Distress Index Values					
Alligator Cracking Index	82				
Longitudinal Cracking Index	93				
Tranverse Cracking Index	97				
Patching Index	96				
Rutting Index	60				
Roughness Condition Index (RCI)	49				

NC - Not Collected

ROUTE: 0203BZ MAZAMA CAMPGROUND LOOP B



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

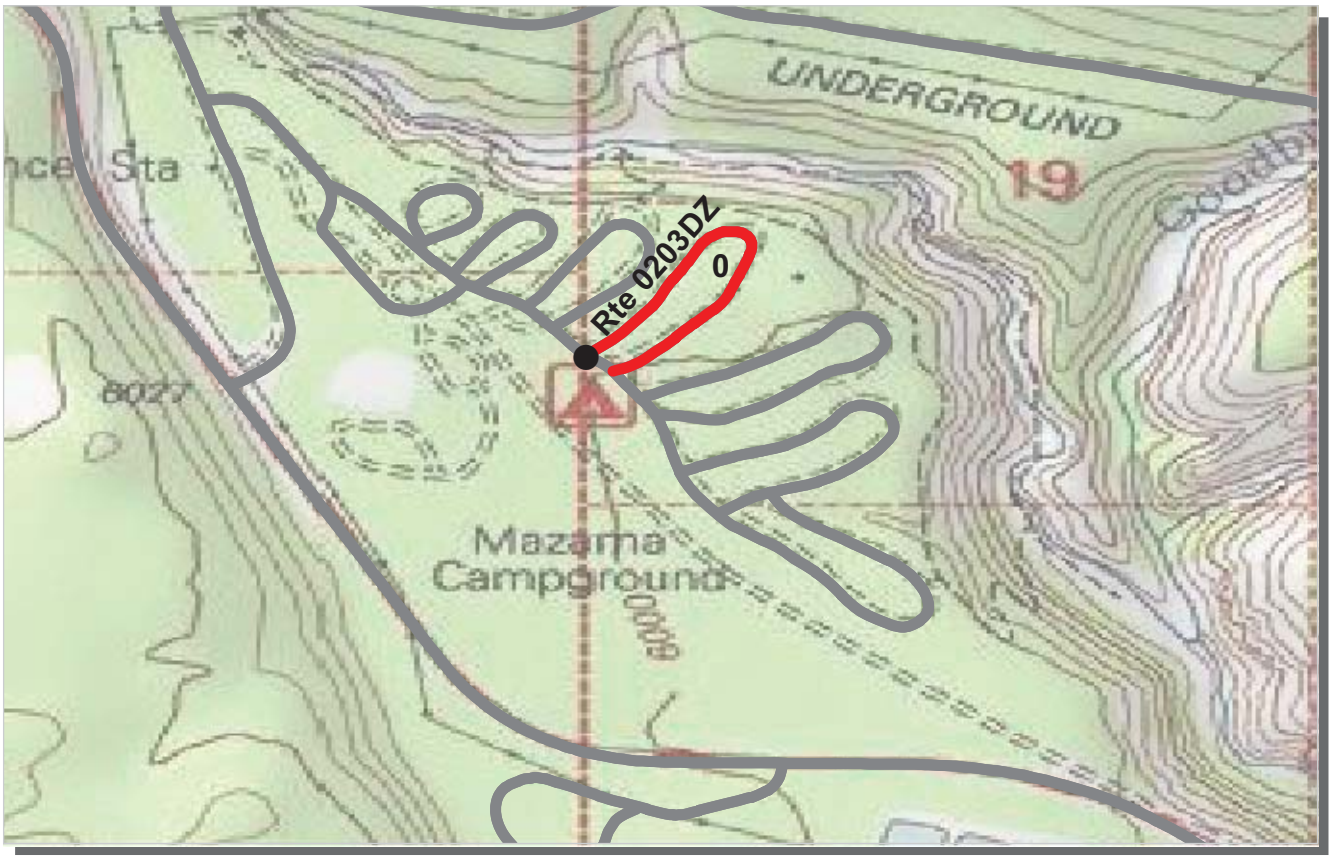
* If the PCR rating is not available for a section, the SCR rating will be displayed. See appendix for definitions and formulas.

ROUTE: 0203CZ MAZAMA CAMPGROUND LOOP C
CRLA : CRATER LAKE NATIONAL PARK

Subcomponent Record **COLLECTED: 9/9/2008**
PACIFIC WEST REGION **TOTAL LENGTH: 0.26 Miles**

Section Number	0				
Section Length (mi)	0.26				
Traffic					
AADT	Traffic data may be found at www.efl.fhwa.dot.gov Click on PROGRAMS / NPS Traffic Data (Note: Not all parks have traffic data)				
SADT					
ADT Date					
Cross Section Information					
Number of Lanes	1				
Paved Width (ft)	17				
Lane Width (ft)	17				
Shoulder Width Right (ft)	NC				
Shoulder Width Left (ft)	NC				
Roadway Condition Information					
SCR (Surface Condition Rating)	28				
PCR (Pavement Condition Rating)	31				
Distress Index Values					
Alligator Cracking Index	81				
Longitudinal Cracking Index	95				
Tranverse Cracking Index	96				
Patching Index	98				
Rutting Index	56				
Roughness Condition Index (RCI)	50				

NC - Not Collected



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

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

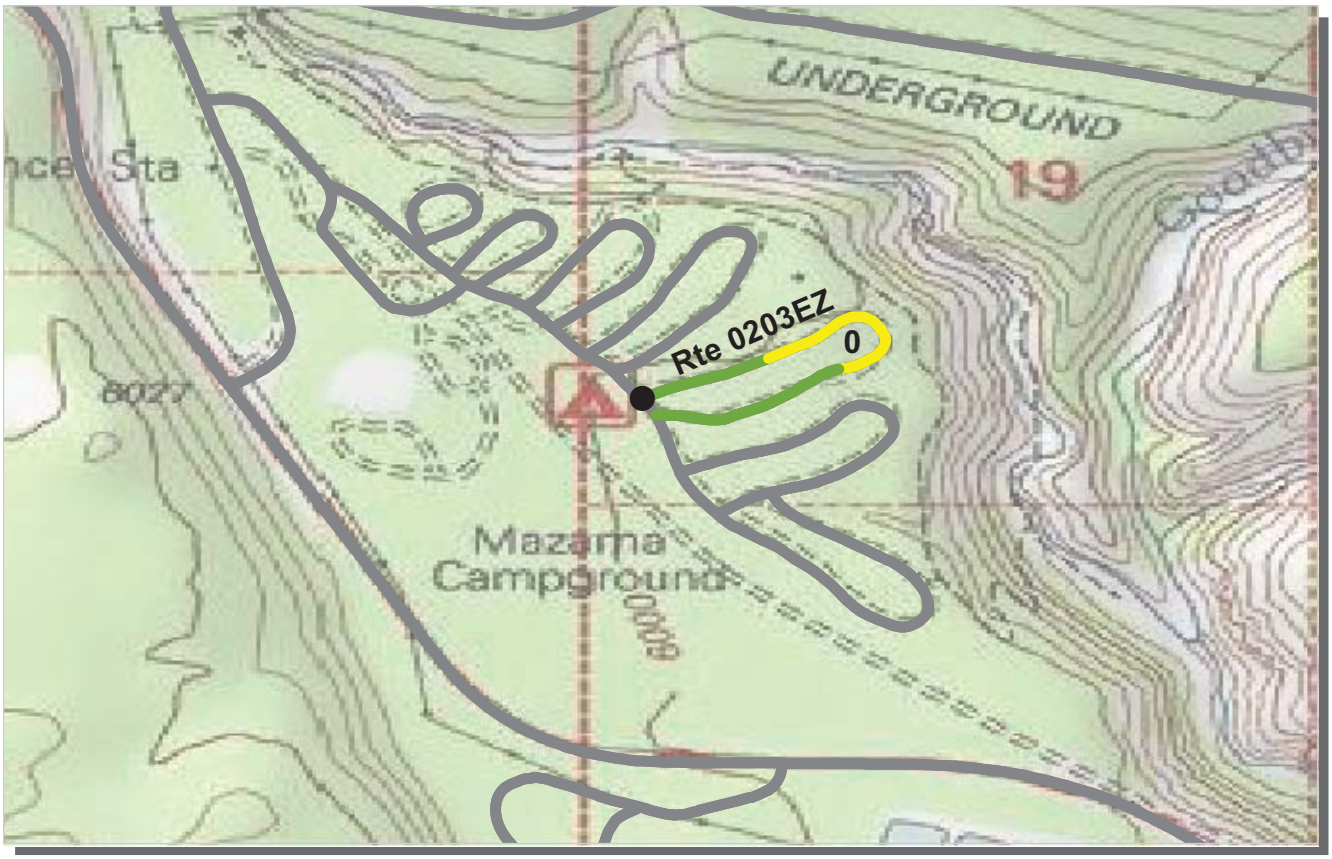
ROUTE: 0203DZ MAZAMA CAMPGROUND LOOP D
CRLA : CRATER LAKE NATIONAL PARK

Subcomponent Record **COLLECTED: 9/9/2008**
PACIFIC WEST REGION **TOTAL LENGTH: 0.36 Miles**

Section Number	0				
Section Length (mi)	0.36				
Traffic	Traffic data may be found at www.efl.fhwa.dot.gov Click on PROGRAMS / NPS Traffic Data (Note: Not all parks have traffic data)				
AADT					
SADT					
ADT Date					
Cross Section Information					
Number of Lanes	1				
Paved Width (ft)	17				
Lane Width (ft)	17				
Shoulder Width Right (ft)	NC				
Shoulder Width Left (ft)	NC				
Roadway Condition Information					
SCR (Surface Condition Rating)	32				
PCR (Pavement Condition Rating)	36				
Distress Index Values					
Alligator Cracking Index	80				
Longitudinal Cracking Index	97				
Tranverse Cracking Index	97				
Patching Index	99				
Rutting Index	54				
Roughness Condition Index (RCI)	49				

NC - Not Collected

ROUTE: 0203DZ MAZAMA CAMPGROUND LOOP D



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

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

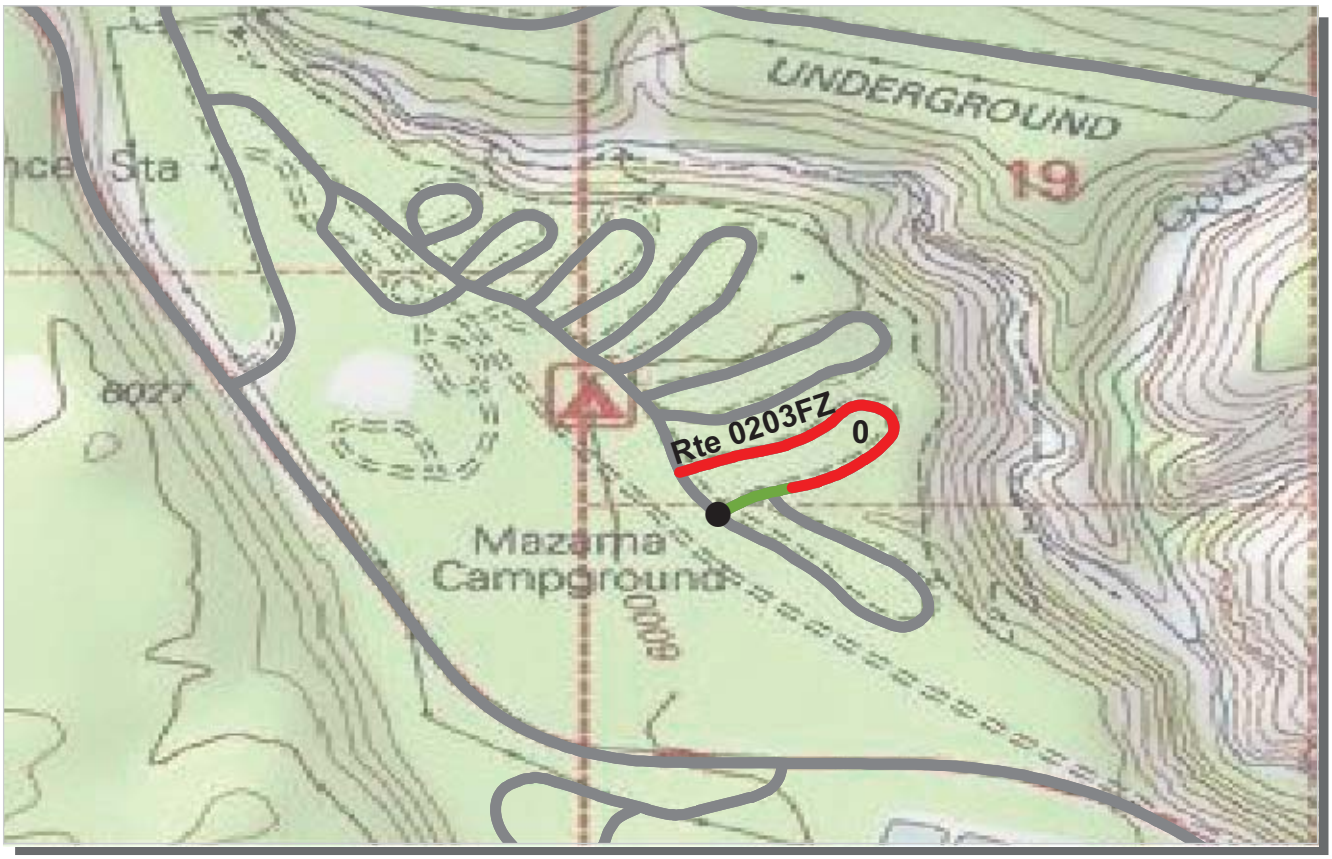
ROUTE: 0203EZ MAZAMA CAMPGROUND LOOP E
CRLA : CRATER LAKE NATIONAL PARK

Subcomponent Record **COLLECTED: 9/9/2008**
PACIFIC WEST REGION **TOTAL LENGTH: 0.41 Miles**

Section Number	0				
Section Length (mi)	0.41				
Traffic					
AADT	Traffic data may be found at www.efl.fhwa.dot.gov Click on PROGRAMS / NPS Traffic Data (Note: Not all parks have traffic data)				
SADT					
ADT Date					
Cross Section Information					
Number of Lanes	1				
Paved Width (ft)	11				
Lane Width (ft)	11				
Shoulder Width Right (ft)	NC				
Shoulder Width Left (ft)	NC				
Roadway Condition Information					
SCR (Surface Condition Rating)	84				
PCR (Pavement Condition Rating)	82				
Distress Index Values					
Alligator Cracking Index	96				
Longitudinal Cracking Index	98				
Tranverse Cracking Index	97				
Patching Index	100				
Rutting Index	93				
Roughness Condition Index (RCI)	77				

NC - Not Collected

ROUTE: 0203EZ MAZAMA CAMPGROUND LOOP E



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

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

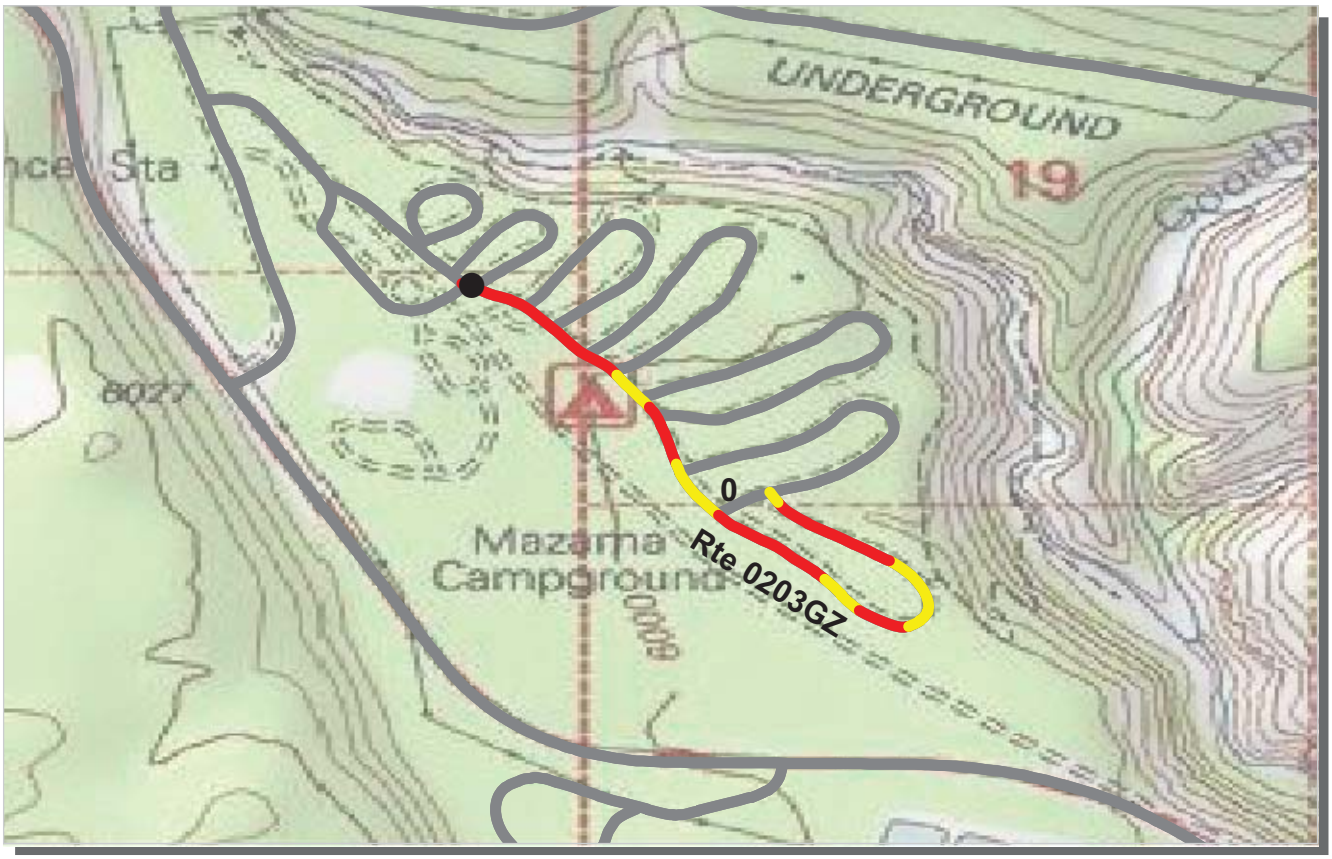
ROUTE: 0203FZ MAZAMA CAMPGROUND LOOP F
CRLA : CRATER LAKE NATIONAL PARK

Subcomponent Record **COLLECTED: 9/9/2008**
PACIFIC WEST REGION **TOTAL LENGTH: 0.34 Miles**

Section Number	0				
Section Length (mi)	0.34				
Traffic					
AADT	Traffic data may be found at www.efl.fhwa.dot.gov Click on PROGRAMS / NPS Traffic Data (Note: Not all parks have traffic data)				
SADT					
ADT Date					
Cross Section Information					
Number of Lanes	1				
Paved Width (ft)	13				
Lane Width (ft)	13				
Shoulder Width Right (ft)	NC				
Shoulder Width Left (ft)	NC				
Roadway Condition Information					
SCR (Surface Condition Rating)	37				
PCR (Pavement Condition Rating)	38				
Distress Index Values					
Alligator Cracking Index	53				
Longitudinal Cracking Index	93				
Tranverse Cracking Index	97				
Patching Index	100				
Rutting Index	91				
Roughness Condition Index (RCI)	38				

NC - Not Collected

ROUTE: 0203FZ MAZAMA CAMPGROUND LOOP F



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

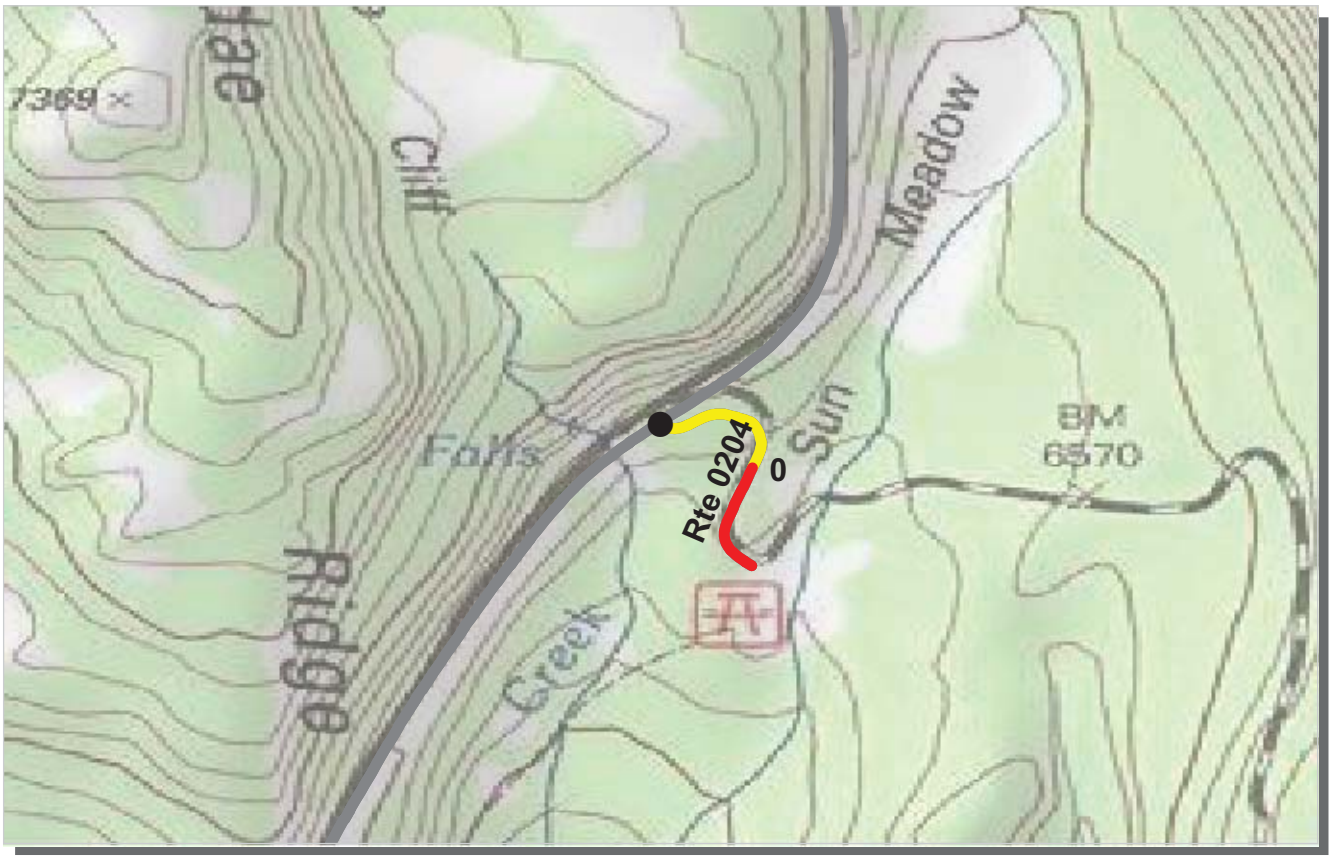
* If the PCR rating is not available for a section, the SCR rating will be displayed. See appendix for definitions and formulas.

ROUTE: 0203GZ MAZAMA CAMPGROUND LOOP G
CRLA : CRATER LAKE NATIONAL PARK

Subcomponent Record **COLLECTED: 9/10/2008**
PACIFIC WEST REGION **TOTAL LENGTH: 0.67 Miles**

Section Number	0				
Section Length (mi)	0.67				
Traffic					
AADT	Traffic data may be found at www.efl.fhwa.dot.gov Click on PROGRAMS / NPS Traffic Data (Note: Not all parks have traffic data)				
SADT					
ADT Date					
Cross Section Information					
Number of Lanes	2				
Paved Width (ft)	14				
Lane Width (ft)	10				
Shoulder Width Right (ft)	NC				
Shoulder Width Left (ft)	NC				
Roadway Condition Information					
SCR (Surface Condition Rating)	49				
PCR (Pavement Condition Rating)	51				
Distress Index Values					
Alligator Cracking Index	65				
Longitudinal Cracking Index	95				
Tranverse Cracking Index	96				
Patching Index	99				
Rutting Index	88				
Roughness Condition Index (RCI)	60				

NC - Not Collected



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

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

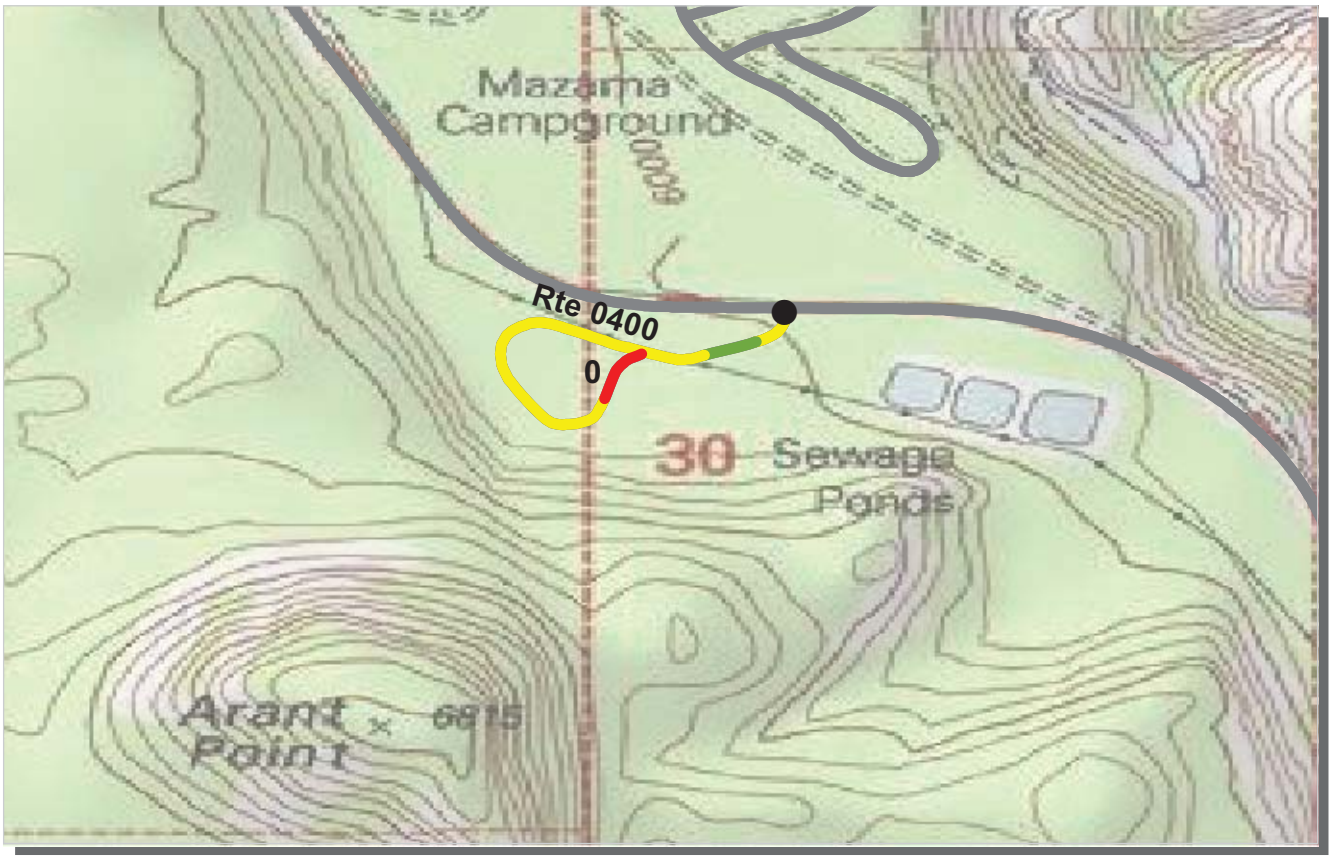
ROUTE: 0204 VIDAE FALLS PICNIC AREA
CRLA : CRATER LAKE NATIONAL PARK

COLLECTED: 9/10/2008
PACIFIC WEST REGION **TOTAL LENGTH: 0.23 Miles**

Section Number	0				
Section Length (mi)	0.23				
Traffic					
AADT	Traffic data may be found at www.efl.fhwa.dot.gov Click on PROGRAMS / NPS Traffic Data (Note: Not all parks have traffic data)				
SADT					
ADT Date					
Cross Section Information					
Number of Lanes	2				
Paved Width (ft)	19				
Lane Width (ft)	9				
Shoulder Width Right (ft)	NC				
Shoulder Width Left (ft)	NC				
Roadway Condition Information					
SCR (Surface Condition Rating)	52				
PCR (Pavement Condition Rating)	49				
Distress Index Values					
Alligator Cracking Index	100				
Longitudinal Cracking Index	98				
Tranverse Cracking Index	100				
Patching Index	100				
Rutting Index	54				
Roughness Condition Index (RCI)	40				

NC - Not Collected

ROUTE: 0204 VIDAE FALLS PICNIC AREA



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

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

ROUTE: 0400 MAZAMA DORMITORIES
CRLA : CRATER LAKE NATIONAL PARK

COLLECTED: 9/9/2008
PACIFIC WEST REGION **TOTAL LENGTH: 0.43 Miles**

Section Number	0				
Section Length (mi)	0.43				
Traffic					
AADT	Traffic data may be found at www.efl.fhwa.dot.gov Click on PROGRAMS / NPS Traffic Data (Note: Not all parks have traffic data)				
SADT					
ADT Date					
Cross Section Information					
Number of Lanes	2				
Paved Width (ft)	19				
Lane Width (ft)	10				
Shoulder Width Right (ft)	NC				
Shoulder Width Left (ft)	NC				
Roadway Condition Information					
SCR (Surface Condition Rating)	77				
PCR (Pavement Condition Rating)	73				
Distress Index Values					
Alligator Cracking Index	98				
Longitudinal Cracking Index	99				
Tranverse Cracking Index	100				
Patching Index	100				
Rutting Index	80				
Roughness Condition Index (RCI)	65				

NC - Not Collected

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

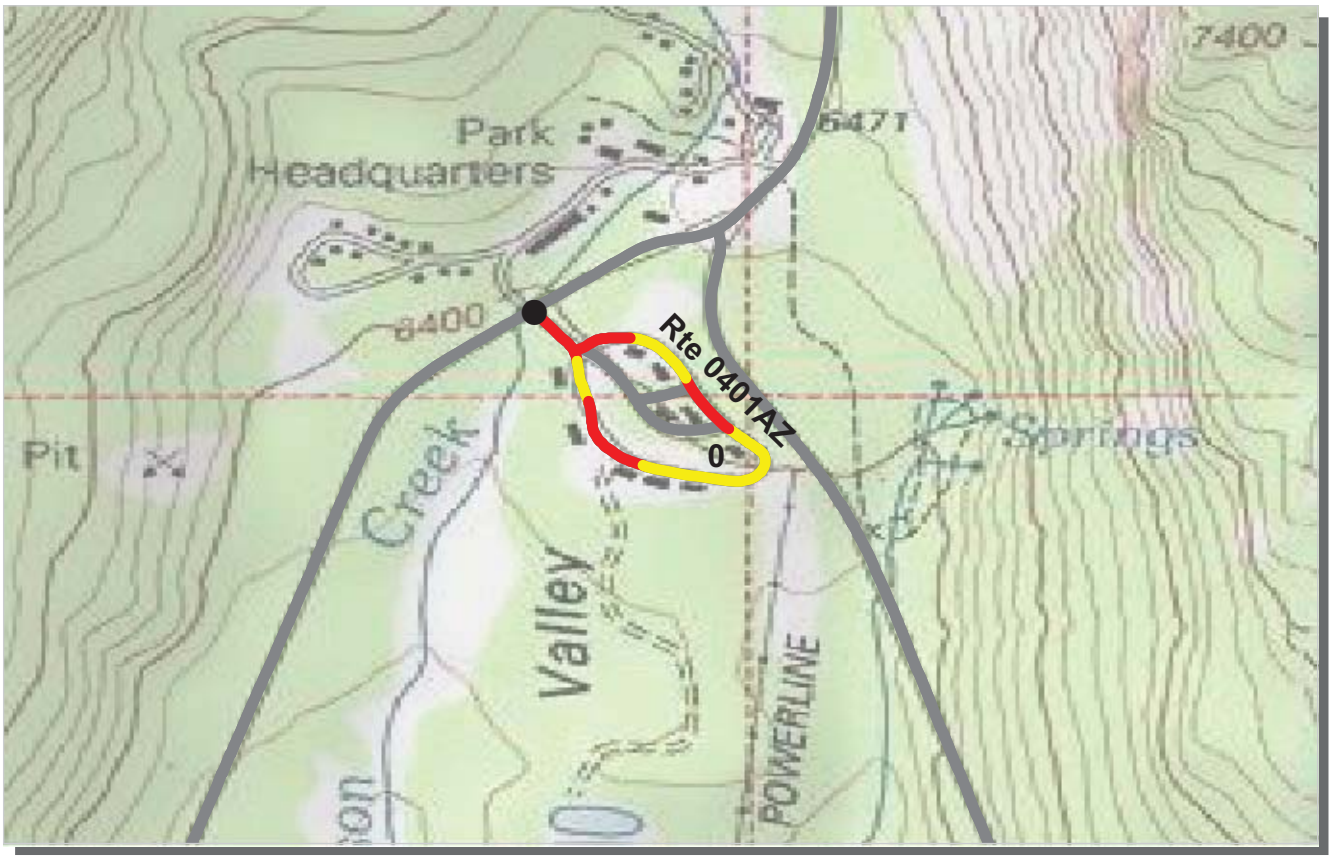
* If the PCR rating is not available for a section, the SCR rating will be displayed. See appendix for definitions and formulas.

ROUTE: 0401ZZ HEADQUARTERS RESIDENCE AREA ROADS
CRLA : CRATER LAKE NATIONAL PARK

Summary Record **COLLECTED: 9/10/2008**
PACIFIC WEST REGION **TOTAL LENGTH: 0.66 Miles**

Section Number					
Section Length (mi)					
Traffic					
AADT	Traffic data may be found at www.efl.fhwa.dot.gov Click on PROGRAMS / NPS Traffic Data (Note: Not all parks have traffic data)				
SADT					
ADT Date					
Cross Section Information					
Number of Lanes	N/A				
Paved Width (ft)	N/A				
Lane Width (ft)	N/A				
Shoulder Width Right (ft)	NC				
Shoulder Width Left (ft)	NC				
Roadway Condition Information					
SCR (Surface Condition Rating)	57				
PCR (Pavement Condition Rating)	51				
Distress Index Values					
Alligator Cracking Index	N/A				
Longitudinal Cracking Index	N/A				
Tranverse Cracking Index	N/A				
Patching Index	N/A				
Rutting Index	N/A				
Roughness Condition Index (RCI)	N/A				

NC - Not Collected



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

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

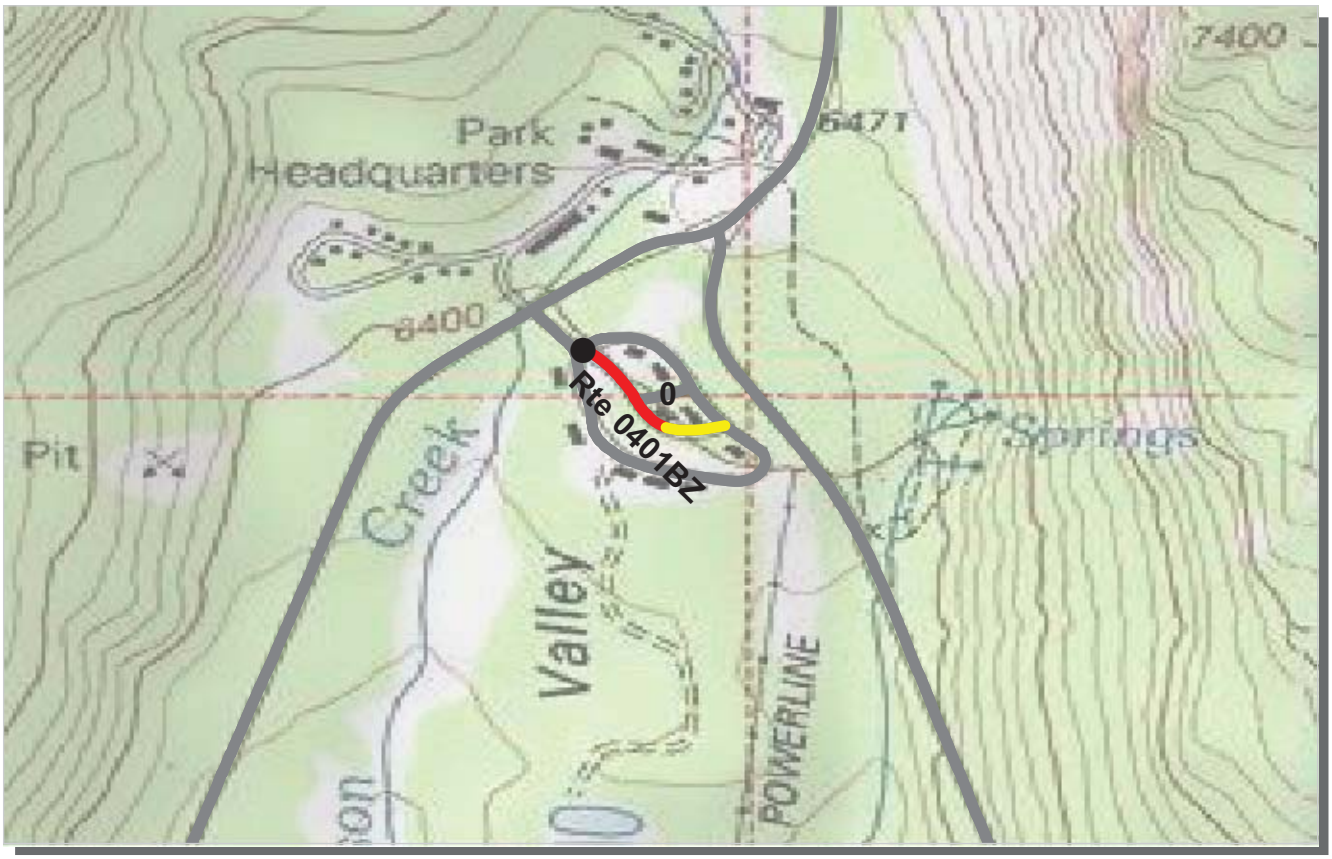
ROUTE: 0401AZ HEADQUARTERS RESIDENCE AREA OUTER LOOP ROAD
CRLA : CRATER LAKE NATIONAL PARK

Subcomponent Record **COLLECTED: 9/10/2008**
PACIFIC WEST REGION **TOTAL LENGTH: 0.48 Miles**

Section Number	0				
Section Length (mi)	0.48				
Traffic					
AADT	Traffic data may be found at www.efl.fhwa.dot.gov Click on PROGRAMS / NPS Traffic Data (Note: Not all parks have traffic data)				
SADT					
ADT Date					
Cross Section Information					
Number of Lanes	2				
Paved Width (ft)	22				
Lane Width (ft)	11				
Shoulder Width Right (ft)	NC				
Shoulder Width Left (ft)	NC				
Roadway Condition Information					
SCR (Surface Condition Rating)	62				
PCR (Pavement Condition Rating)	55				
Distress Index Values					
Alligator Cracking Index	92				
Longitudinal Cracking Index	89				
Tranverse Cracking Index	93				
Patching Index	100				
Rutting Index	86				
Roughness Condition Index (RCI)	44				

NC - Not Collected

ROUTE: 0401AZ HEADQUARTERS RESIDENCE AREA OUTER LOOP ROAD



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

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

ROUTE: 0401BZ HEADQUARTERS RESIDENCE AREA INNER LOOP ROAD
CRLA : CRATER LAKE NATIONAL PARK

Subcomponent Record **COLLECTED: 9/10/2008**
PACIFIC WEST REGION **TOTAL LENGTH: 0.14 Miles**

Section Number	0				
Section Length (mi)	0.14				
Traffic					
AADT	Traffic data may be found at www.efl.fhwa.dot.gov Click on PROGRAMS / NPS Traffic Data (Note: Not all parks have traffic data)				
SADT					
ADT Date					
Cross Section Information					
Number of Lanes	2				
Paved Width (ft)	17				
Lane Width (ft)	8				
Shoulder Width Right (ft)	NC				
Shoulder Width Left (ft)	NC				
Roadway Condition Information					
SCR (Surface Condition Rating)	44				
PCR (Pavement Condition Rating)	40				
Distress Index Values					
Alligator Cracking Index	88				
Longitudinal Cracking Index	81				
Tranverse Cracking Index	95				
Patching Index	100				
Rutting Index	80				
Roughness Condition Index (RCI)	29				

NC - Not Collected

ROUTE: 0401BZ HEADQUARTERS RESIDENCE AREA INNER LOOP ROAD

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

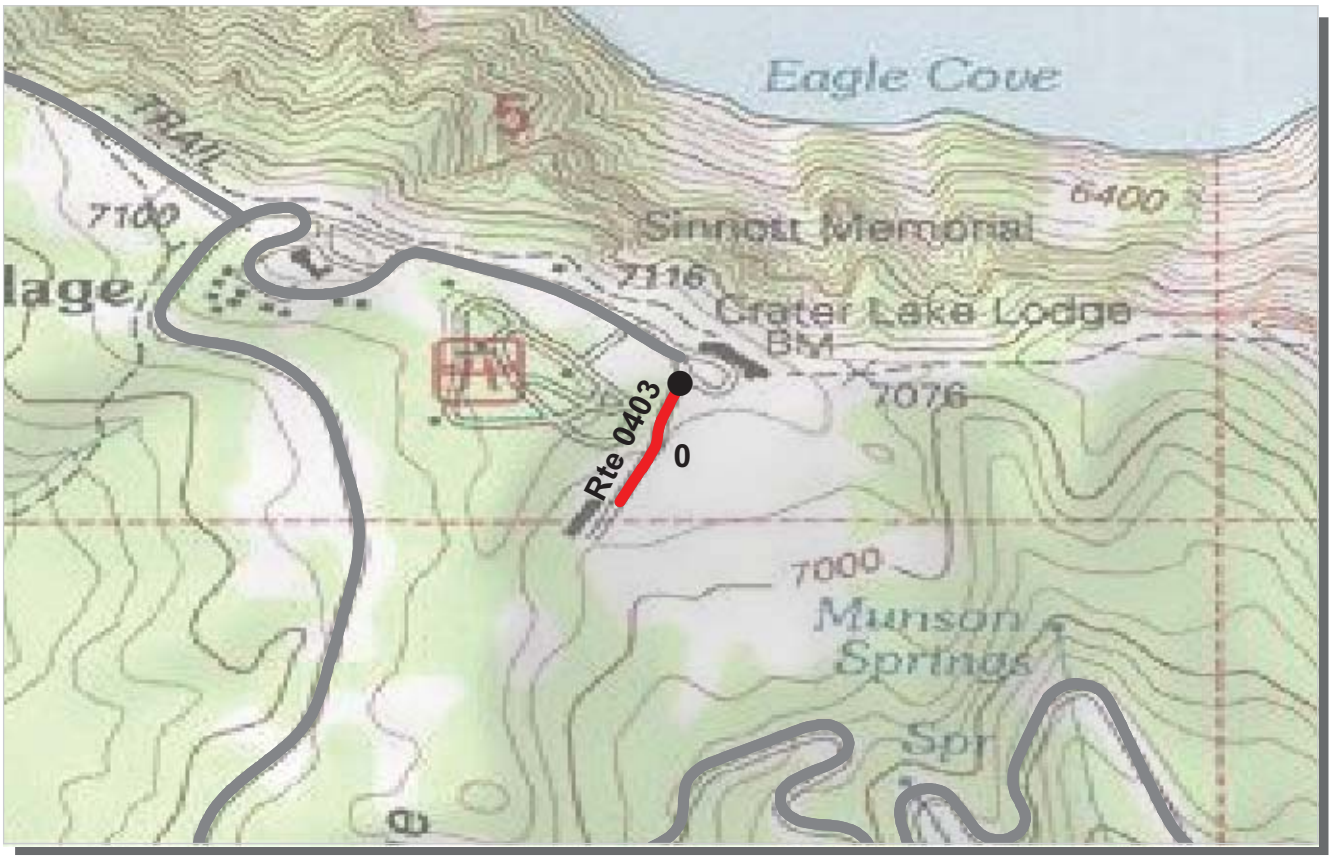
* If the PCR rating is not available for a section, the SCR rating will be displayed. See appendix for definitions and formulas.

ROUTE: 0401CZ HEADQUARTERS RESIDENCE AREA CUT THROUGH ROAD
CRLA : CRATER LAKE NATIONAL PARK

Subcomponent Record **COLLECTED: 9/10/2008**
PACIFIC WEST REGION **TOTAL LENGTH: 0.04 Miles**

Section Number	0				
Section Length (mi)	0.04				
Traffic					
AADT	Traffic data may be found at www.efl.fhwa.dot.gov Click on PROGRAMS / NPS Traffic Data (Note: Not all parks have traffic data)				
SADT					
ADT Date					
Cross Section Information					
Number of Lanes	2				
Paved Width (ft)	17				
Lane Width (ft)	9				
Shoulder Width Right (ft)	NC				
Shoulder Width Left (ft)	NC				
Roadway Condition Information					
SCR (Surface Condition Rating)	28				
PCR (Pavement Condition Rating)	28				
Distress Index Values					
Alligator Cracking Index	100				
Longitudinal Cracking Index	90				
Tranverse Cracking Index	82				
Patching Index	100				
Rutting Index	57				
Roughness Condition Index (RCI)	NC				

NC - Not Collected



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

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

ROUTE: 0403 CRATER LAKE LODGE RESIDENCE ROAD
CRLA : CRATER LAKE NATIONAL PARK

COLLECTED: 9/9/2008

PACIFIC WEST REGION **TOTAL LENGTH: 0.12 Miles**

Section Number	0				
Section Length (mi)	0.12				
Traffic	Traffic data may be found at www.efl.fhwa.dot.gov Click on PROGRAMS / NPS Traffic Data (Note: Not all parks have traffic data)				
AADT					
SADT					
ADT Date					
Cross Section Information					
Number of Lanes	2				
Paved Width (ft)	15				
Lane Width (ft)	7				
Shoulder Width Right (ft)	NC				
Shoulder Width Left (ft)	NC				
Roadway Condition Information					
SCR (Surface Condition Rating)	8				
PCR (Pavement Condition Rating)	19				
Distress Index Values					
Alligator Cracking Index	22				
Longitudinal Cracking Index	83				
Tranverse Cracking Index	90				
Patching Index	100				
Rutting Index	85				
Roughness Condition Index (RCI)	68				

NC - Not Collected

ROUTE: 0403 CRATER LAKE LODGE RESIDENCE ROAD

Crater Lake National Park

Section 6
Manually Rated Paved Route Condition Rating Sheets (MRR)

CRATER LAKE NATIONAL PARK
Route 0202
MAZAMA MOTOR LODGE

FROM ROUTE 0200 (MAZAMA CAMPGROUND ACCESS ROAD) AT MP 0.28 (ON RIGHT)
TO END OF LOOPS

Route Number	Public / NonPublic	Date Visited		Area (sq ft)	Lane Miles *	Surface Type
0202	PUBLIC	8/21/2007		37,110	0.64	AS
Culverts	**Drop Inlets**	**Gates**	**Fire Hydrants**	**Curb & Gutter**	**Curb**	**PCR**
0	0	0	0	NO CURB AND GUTTER	NO CURB	GOOD/90

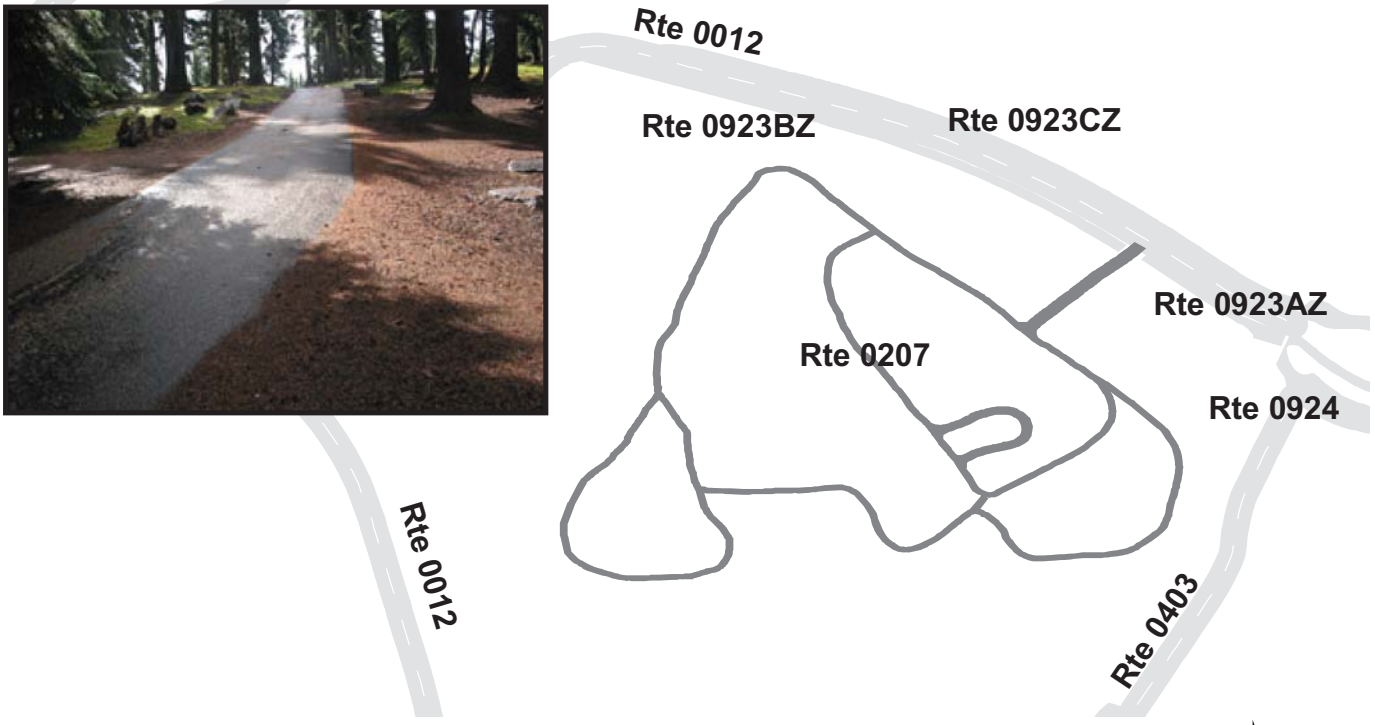
* Lane miles are based on 11' lane widths

CRATER LAKE NATIONAL PARK
Route 0207
PICNIC HILL

FROM ROUTE 0012 AT MP 7.16 ON RIGHT
THROUGH PICNIC AREA

Route Number	Public / NonPublic	Date Visited		Area (sq ft)	Lane Miles *	Surface Type
0207	PUBLIC	8/21/2007		55,228	0.95	AS
Culverts	**Drop Inlets**	**Gates**	**Fire Hydrants**	**Curb & Gutter**	**Curb**	**PCR**
0	0	0	0	NO CURB AND GUTTER	ASPHALT CURB	POOR/45

* Lane miles are based on 11' lane widths



CRATER LAKE NATIONAL PARK
Route 0402ZZ

HEADQUARTERS MAINTENANCE AND RESIDENCE AREA ROADS

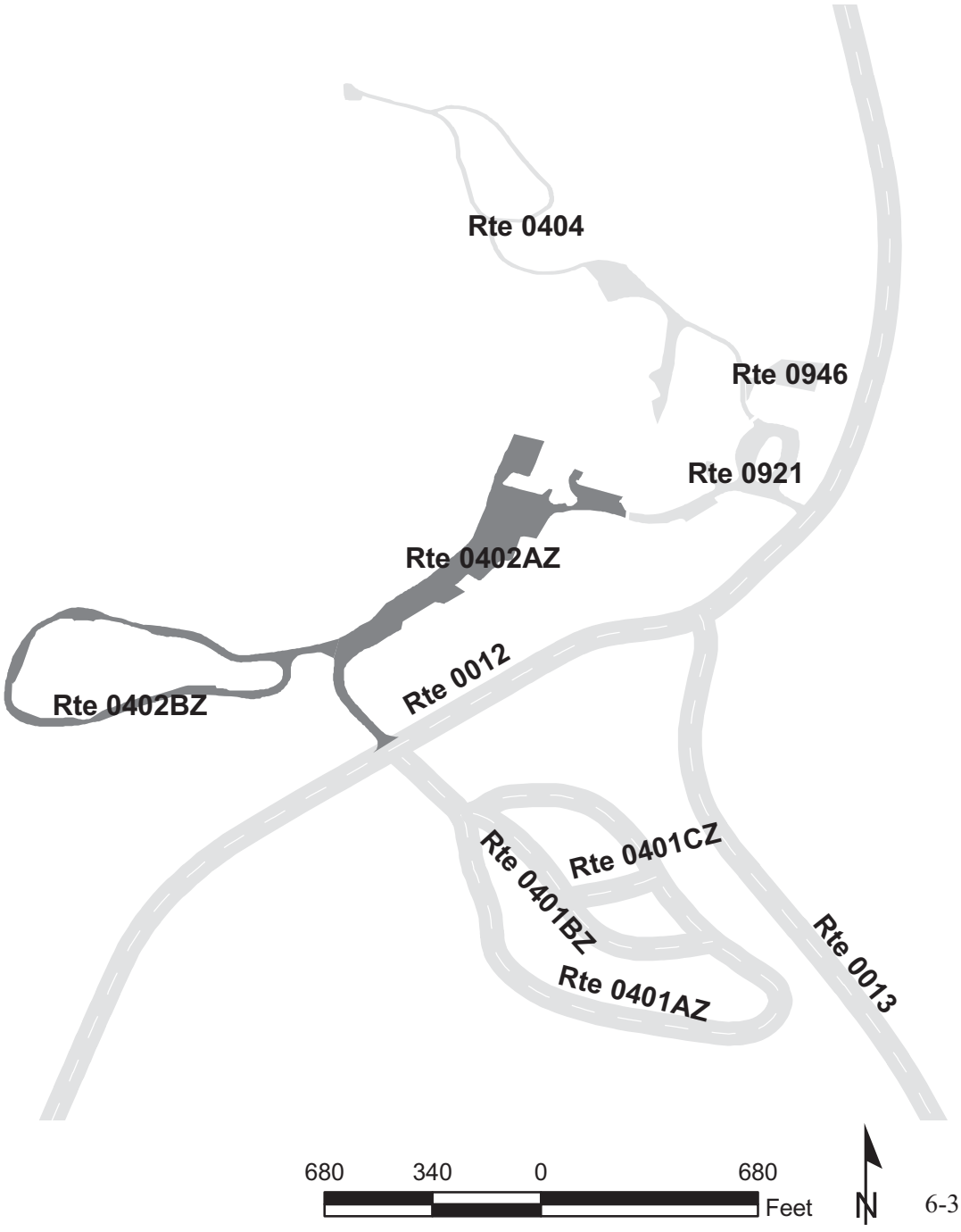
FROM ROUTE 0012 (MUNSON VALLEY ROAD) AT MP 3.74 (ON LEFT)

THROUGH HEADQUARTERS & MAINTENANCE AREA TO ROUTE 0921 (HEADQUARTERS VISITOR CENTER PARKING)

Summary Record

Route Number	Public / NonPublic	Date Visited		Area (sq ft)	Lane Miles *	Surface Type
0402ZZ	NONPUBLIC	8/21/2007		132,087	2.28	AS
Culverts	**Drop Inlets**	**Gates**	**Fire Hydrants**	**Curb & Gutter**	**Curb**	**PCR**
0	5	1	6	NO CURB AND GUTTER	NO CURB	SUMMARY/90

* Lane miles are based on 11' lane widths



CRATER LAKE NATIONAL PARK
Route 0402AZ

HEADQUARTERS MAINTENANCE AREA

FROM ROUTE 0012 (MUNSON VALLEY ROAD) AT MP 3.74 (ON LEFT)

TO ROUTE 0402BZ (HEADQUARTERS RESIDENCE AREA)

Subcomponent Record

Route Number	Public / NonPublic	Date Visited		Area (sq ft)	Lane Miles *	Surface Type
0402AZ	PUBLIC	8/21/2007		90,585	1.56	AS
Culverts	**Drop Inlets**	**Gates**	**Fire Hydrants**	**Curb & Gutter**	**Curb**	**PCR**
0	5	1	3	NO CURB AND GUTTER	NO CURB	GOOD/90

* Lane miles are based on 11' lane widths

CRATER LAKE NATIONAL PARK
Route 0402BZ

HEADQUARTERS RESIDENCE AREA

FROM ROUTE 0402AZ (HEADQUARTERS MAINTENANCE AREA)

TO END OF LOOP

Subcomponent Record

Route Number	Public / NonPublic	Date Visited		Area (sq ft)	Lane Miles *	Surface Type
0402BZ	PUBLIC	8/21/2007		41,502	0.72	AS
Culverts	**Drop Inlets**	**Gates**	**Fire Hydrants**	**Curb & Gutter**	**Curb**	**PCR**
0	0	0	3	NO CURB AND GUTTER	NO CURB	GOOD/90

* Lane miles are based on 11' lane widths

CRATER LAKE NATIONAL PARK
Route 0404
HEADQUARTERS RESIDENCE ROAD
FROM ROUTE 0921 (HEADQUARTERS VISITOR CENTER PARKING)
THROUGH RESIDENCE AREA

NOTE: Not Collected in Cycle 4

Route Number	Public / NonPublic	Date Visited		Area (sq ft)	Lane Miles *	Surface Type
0404	NONPUBLIC	NC		46,178	0.80	AS
Culverts	**Drop Inlets**	**Gates**	**Fire Hydrants**	**Curb & Gutter**	**Curb**	**PCR**
0	0	0	0	NO CURB AND GUTTER	NO CURB	NC/-1

* Lane miles are based on 11' lane widths

CRATER LAKE NATIONAL PARK
Route 0405
SOUTH MAINTENANCE YARD ACCESS ROAD

FROM ROUTE 0011 AT MP 17.34 ON RIGHT

TO ROUTE 0952 (SOUTH MAINTENANCE YARD)

Route Number	Public / NonPublic	Date Visited		Area (sq ft)	Lane Miles *	Surface Type
0405	NONPUBLIC	8/21/2007		7,920	0.14	AS
Culverts	**Drop Inlets**	**Gates**	**Fire Hydrants**	**Curb & Gutter**	**Curb**	**PCR**
0	0	1	0	NO CURB AND GUTTER	NO CURB	POOR/45

* Lane miles are based on 11' lane widths

560 280 0 560 Feet

Crater Lake National Park

Section 7
Parking Area Condition Rating Sheets

CRATER LAKE NATIONAL PARK
Route 0900
DISCOVERY POINT
ADJACENT TO ROUTE 0014 (WEST RIM DRIVE) AT MP 1.10 (ON RIGHT)

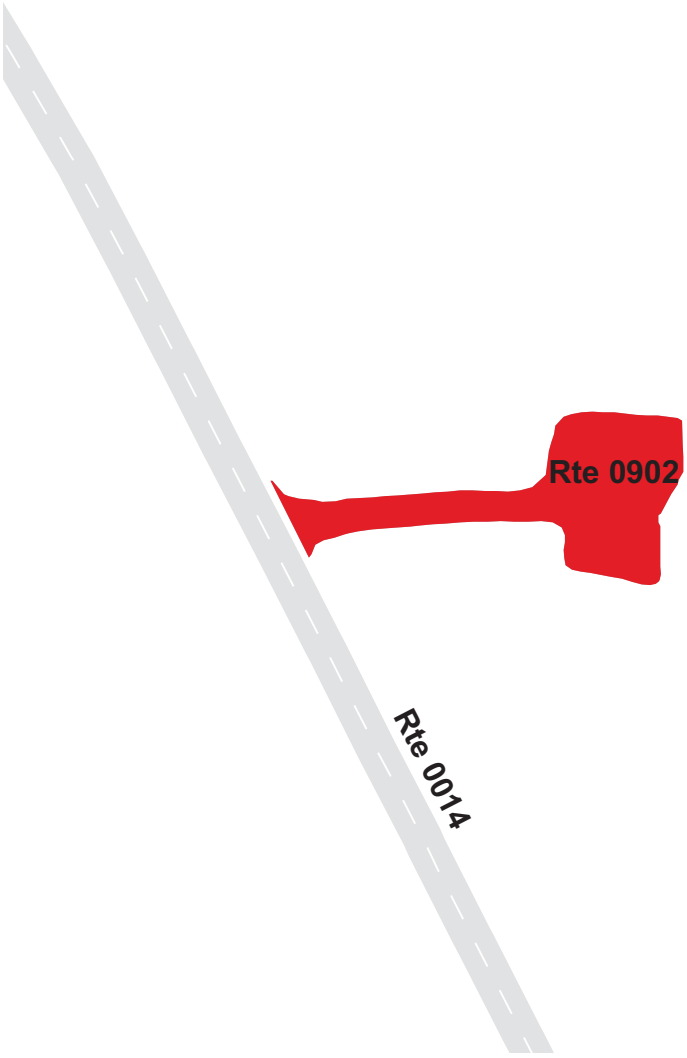
Route Number	Public / NonPublic	Date Visited		Area (sq ft)	Lane Miles *	Surface Type
0900	PUBLIC	8/21/2007		32,511	0.56	AS
Culverts	**Drop Inlets**	**Gates**	**Fire Hydrants**	**Curb & Gutter**	**Curb**	**PCR**
0	0	0	0	NO CURB AND GUTTER	NO CURB	FAIR/73

* Lane miles are based on 11' lane widths

CRATER LAKE NATIONAL PARK
Route 0902
DISCOVERY POINT PICNIC AREA
FROM ROUTE 0014 (WEST RIM DRIVE) AT MP 2.39 (ON RIGHT)
TO PARKING

Route Number	Public / NonPublic	Date Visited		Area (sq ft)	Lane Miles *	Surface Type
0902	PUBLIC	8/21/2007		5,176	0.09	AS
Culverts	**Drop Inlets**	**Gates**	**Fire Hydrants**	**Curb & Gutter**	**Curb**	**PCR**
0	0	0	0	NO CURB AND GUTTER	NO CURB	POOR/45

* Lane miles are based on 11' lane widths

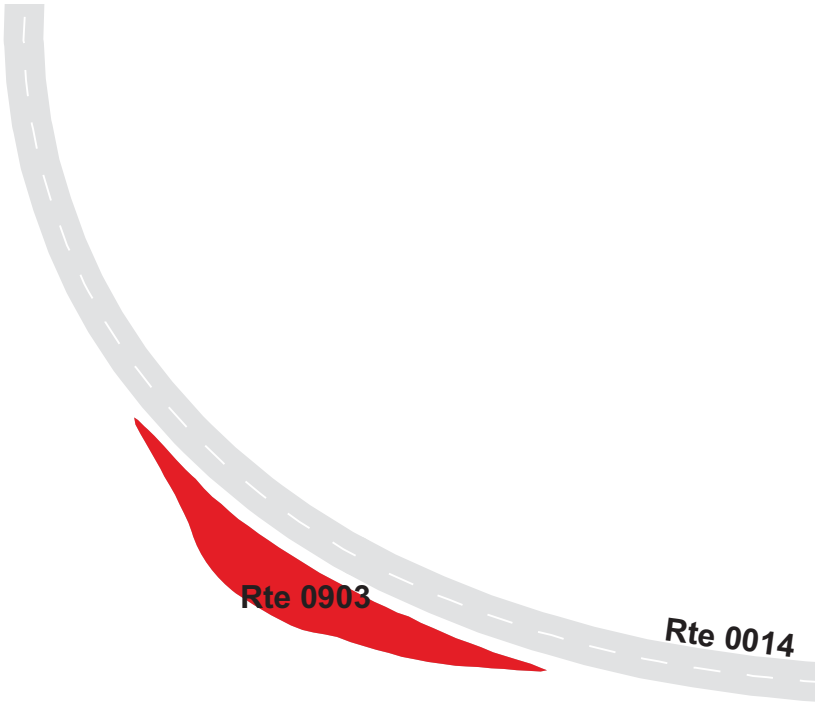


120 60 0 120
Feet

CRATER LAKE NATIONAL PARK
Route 0903
UNION PEAK OVERLOOK
ADJACENT TO ROUTE 0014 (WEST RIM DRIVE) AT MP 3.00 (ON LEFT)

Route Number	Public / NonPublic	Date Visited		Area (sq ft)	Lane Miles *	Surface Type
0903	PUBLIC	8/21/2007		5,304	0.09	AS
Culverts	**Drop Inlets**	**Gates**	**Fire Hydrants**	**Curb & Gutter**	**Curb**	**PCR**
0	0	0	0	NO CURB AND GUTTER	NO CURB	GOOD/90

* Lane miles are based on 11' lane widths



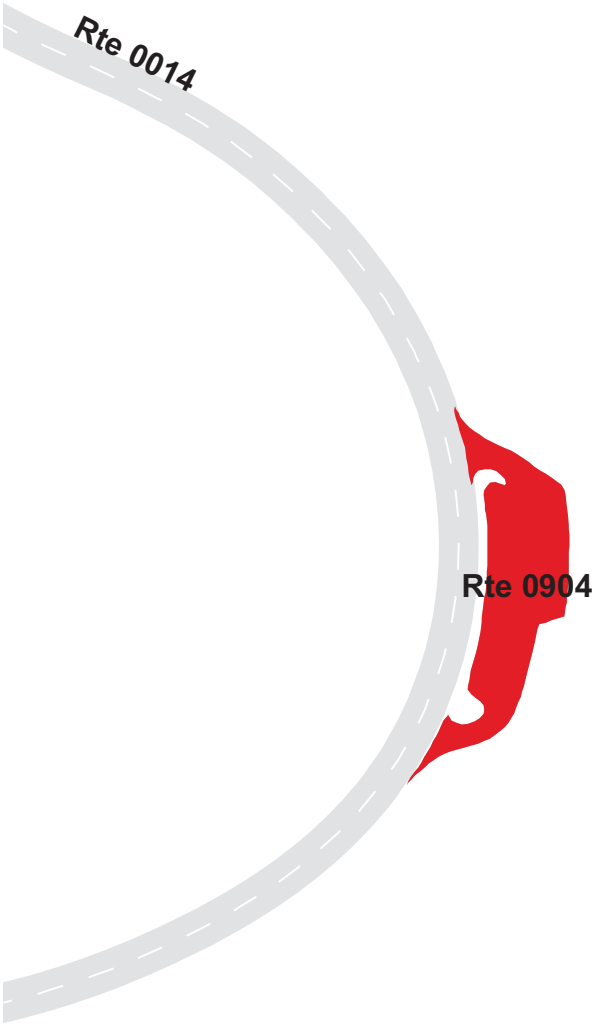
150 75 0 150
Feet

CRATER LAKE NATIONAL PARK
Route 0904
THE CORRALS

FROM ROUTE 0014 (WEST RIM DRIVE) AT MP 3.76 (ON RIGHT)
TO ROUTE 0014 (WEST RIM DRIVE) AT MP 3.81 (ON RIGHT)

Route Number	Public / NonPublic	Date Visited		Area (sq ft)	Lane Miles *	Surface Type
0904	PUBLIC	8/21/2007		13,566	0.23	AS
Culverts	**Drop Inlets**	**Gates**	**Fire Hydrants**	**Curb & Gutter**	**Curb**	**PCR**
0	1	0	0	CONCRETE CURB AND GUTTER	CONCRETE CURB	FAIR/73

* Lane miles are based on 11' lane widths

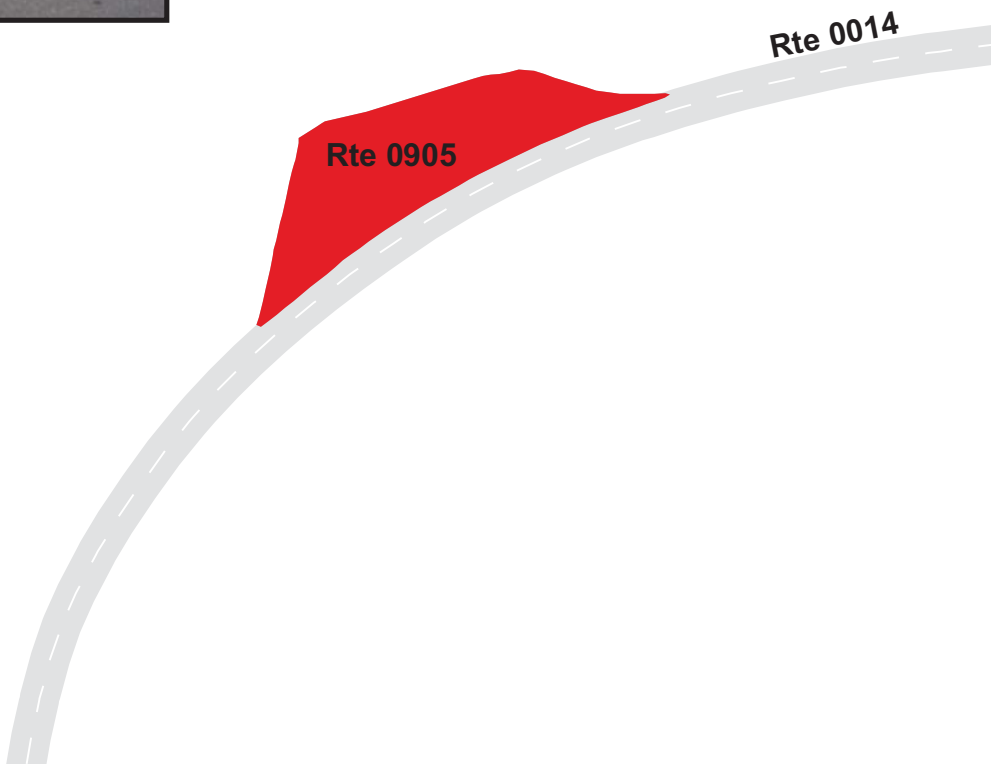


240 120 0 240
Feet

CRATER LAKE NATIONAL PARK
Route 0905
DIAMOND LAKE OVERLOOK
ADJACENT TO ROUTE 0014 (WEST RIM DRIVE) AT MP 4.46 (ON LEFT)

Route Number	Public / NonPublic	Date Visited		Area (sq ft)	Lane Miles *	Surface Type
0905	PUBLIC	8/21/2007		12,545	0.22	AS
Culverts	**Drop Inlets**	**Gates**	**Fire Hydrants**	**Curb & Gutter**	**Curb**	**PCR**
0	0	0	0	NO CURB AND GUTTER	NO CURB	GOOD/90

* Lane miles are based on 11' lane widths



CRATER LAKE NATIONAL PARK
Route 0906
GLACIAL VALLEYS

ADJACENT TO ROUTE 0014 (WEST RIM DRIVE) AT MP 5.70 (ON RIGHT)

Route Number	Public / NonPublic	Date Visited		Area (sq ft)	Lane Miles *	Surface Type
0906	PUBLIC	8/21/2007		20,571	0.35	AS
Culverts	**Drop Inlets**	**Gates**	**Fire Hydrants**	**Curb & Gutter**	**Curb**	**PCR**
0	0	0	0	NO CURB AND GUTTER	STONE CURB	GOOD/90

* Lane miles are based on 11' lane widths

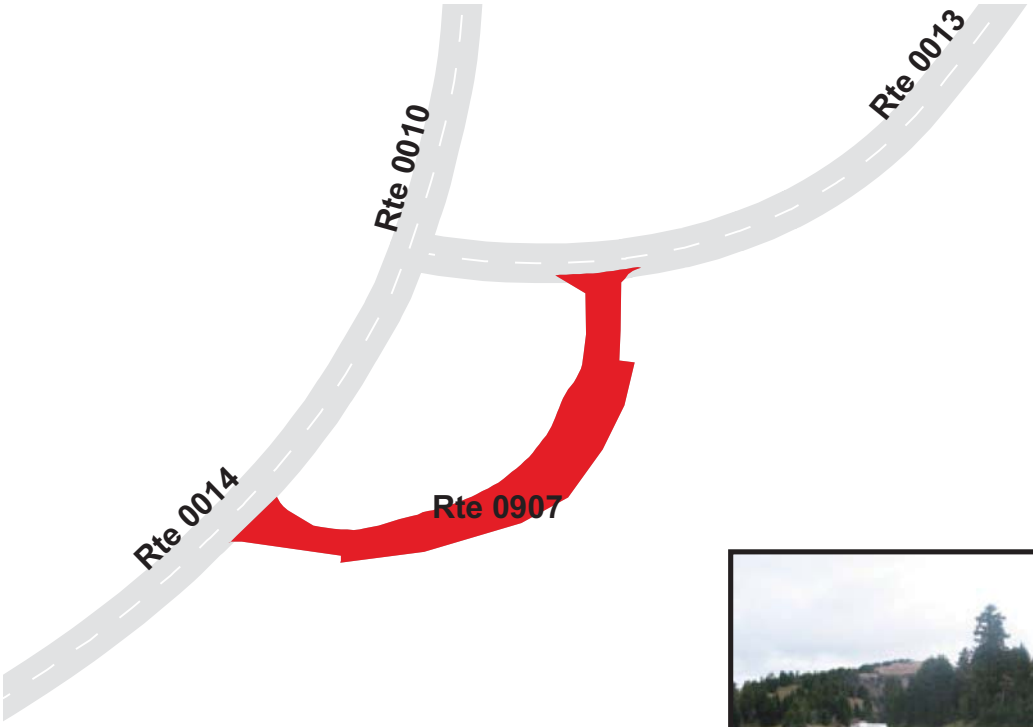
440 220 0 440
Feet

CRATER LAKE NATIONAL PARK
Route 0907
NORTH JUNCTION PARKING

FROM ROUTE 0014 (WEST RIM DRIVE) AT MP 5.86 (ON RIGHT)
TO ROUTE 0013 (EAST RIM DRIVE) AT MP 0.03 (ON RIGHT)

Route Number	Public / NonPublic	Date Visited		Area (sq ft)	Lane Miles *	Surface Type
0907	PUBLIC	8/21/2007		23,921	0.41	AS
Culverts	**Drop Inlets**	**Gates**	**Fire Hydrants**	**Curb & Gutter**	**Curb**	**PCR**
1	0	0	0	NO CURB AND GUTTER	CONCRETE CURB	GOOD/90

* Lane miles are based on 11' lane widths



270 135 0 270
Feet

CRATER LAKE NATIONAL PARK
Route 0909
PUMICE DESERT

FROM ROUTE 0010 (NORTH ENTRANCE ROAD) AT MP 4.89 (ON LEFT)
TO ROUTE 0010 (NORTH ENTRANCE ROAD) AT MP 4.92 (ON LEFT)

Route Number	Public / NonPublic	Date Visited		Area (sq ft)	Lane Miles *	Surface Type
0909	PUBLIC	8/21/2007		11,960	0.21	AS
Culverts	**Drop Inlets**	**Gates**	**Fire Hydrants**	**Curb & Gutter**	**Curb**	**PCR**
2	0	0	0	NO CURB AND GUTTER	NO CURB	GOOD/90

* Lane miles are based on 11' lane widths

CRATER LAKE NATIONAL PARK
Route 0910
PACIFIC CREST TRAIL PARKING B
ADJACENT TO ROUTE 0011 (CRATER LAKE HIGHWAY) AT MP 6.90 (ON LEFT)

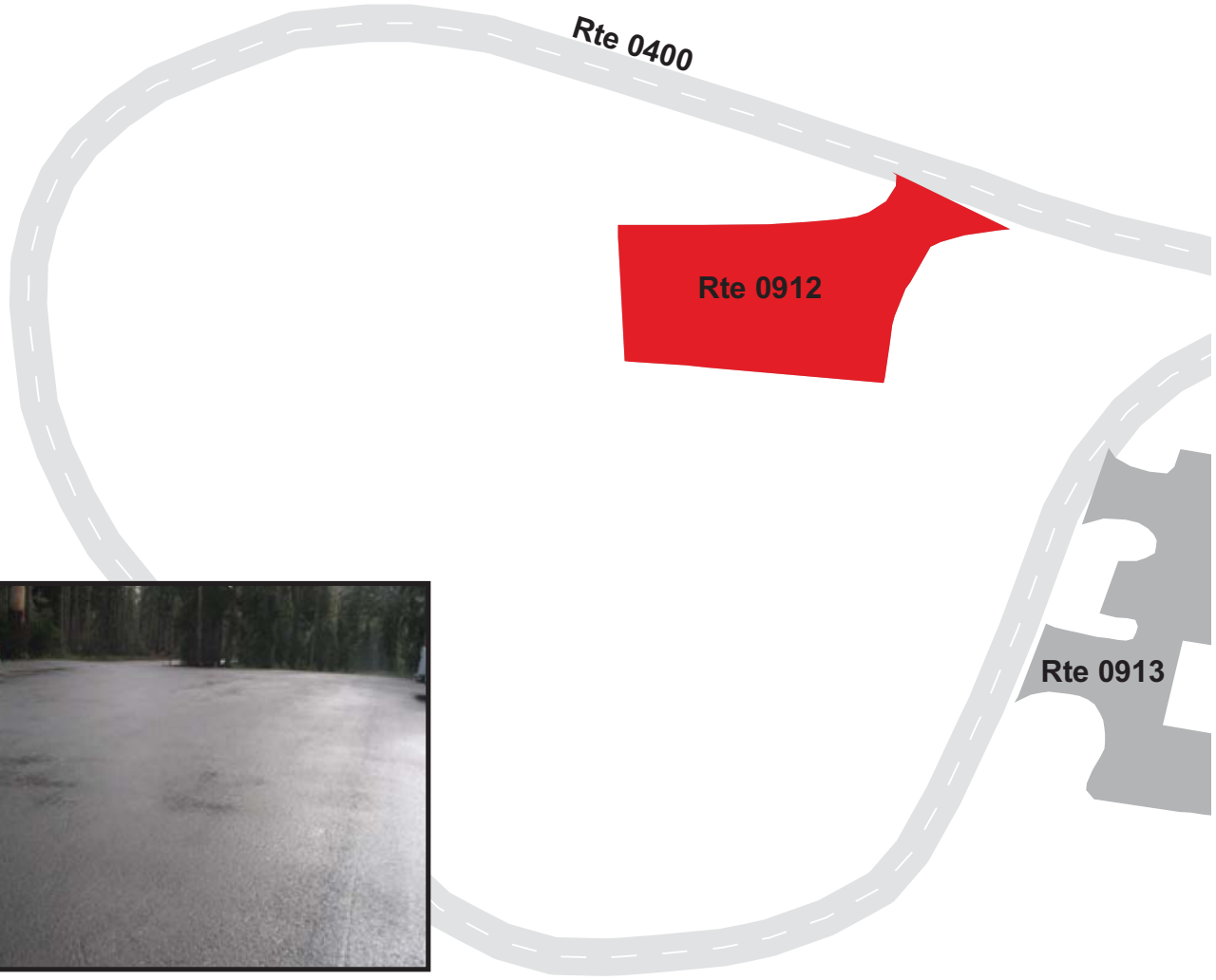
Route Number	Public / NonPublic	Date Visited		Area (sq ft)	Lane Miles *	Surface Type
0910	PUBLIC	8/21/2007		2,338	0.04	AS
Culverts	**Drop Inlets**	**Gates**	**Fire Hydrants**	**Curb & Gutter**	**Curb**	**PCR**
0	0	0	0	NO CURB AND GUTTER	NO CURB	GOOD/90

* Lane miles are based on 11' lane widths

CRATER LAKE NATIONAL PARK
Route 0912
DORMITORIES PARKING A
ADJACENT TO ROUTE 0400 (MAZAMA DORMITORIES) AT MP 0.16 (ON LEFT)

Route Number	Public / NonPublic	Date Visited		Area (sq ft)	Lane Miles *	Surface Type
0912	NONPUBLIC	8/21/2007		11,036	0.19	AS
Culverts	**Drop Inlets**	**Gates**	**Fire Hydrants**	**Curb & Gutter**	**Curb**	**PCR**
0	1	0	0	NO CURB AND GUTTER	NO CURB	GOOD/90

* Lane miles are based on 11' lane widths



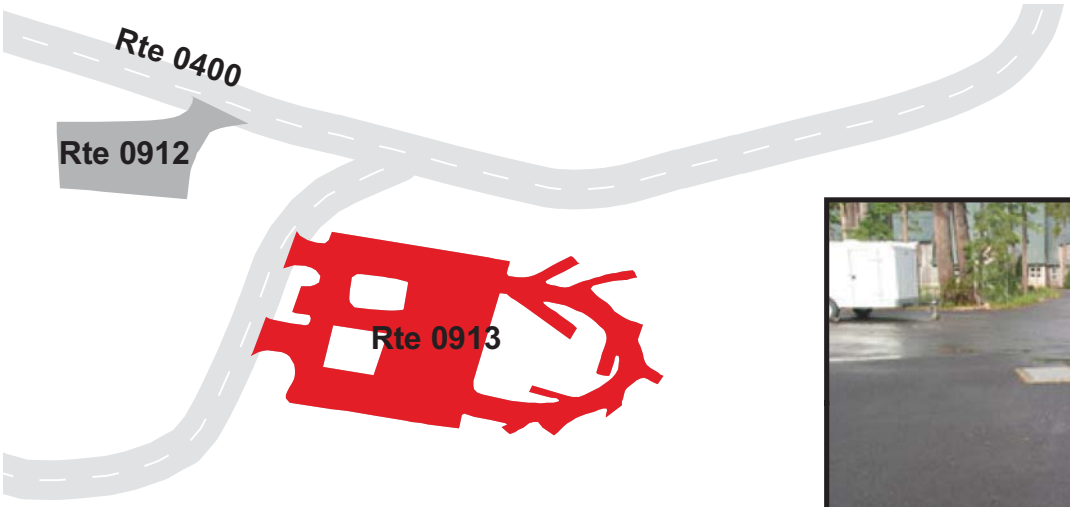
140 70 0 140
Feet

CRATER LAKE NATIONAL PARK
Route 0913
DORMITORIES PARKING B

FROM ROUTE 0400 (MAZAMA DORMITORIES) AT MP 0.38 (ON RIGHT)
TO ROUTE 0400 (MAZAMA DORMITORIES) AT MP 0.40 (ON RIGHT)

Route Number	Public / NonPublic	Date Visited		Area (sq ft)	Lane Miles *	Surface Type
0913	NONPUBLIC	8/21/2007		40,353	0.70	AS
Culverts	**Drop Inlets**	**Gates**	**Fire Hydrants**	**Curb & Gutter**	**Curb**	**PCR**
0	0	0	0	NO CURB AND GUTTER	NO CURB	GOOD/90

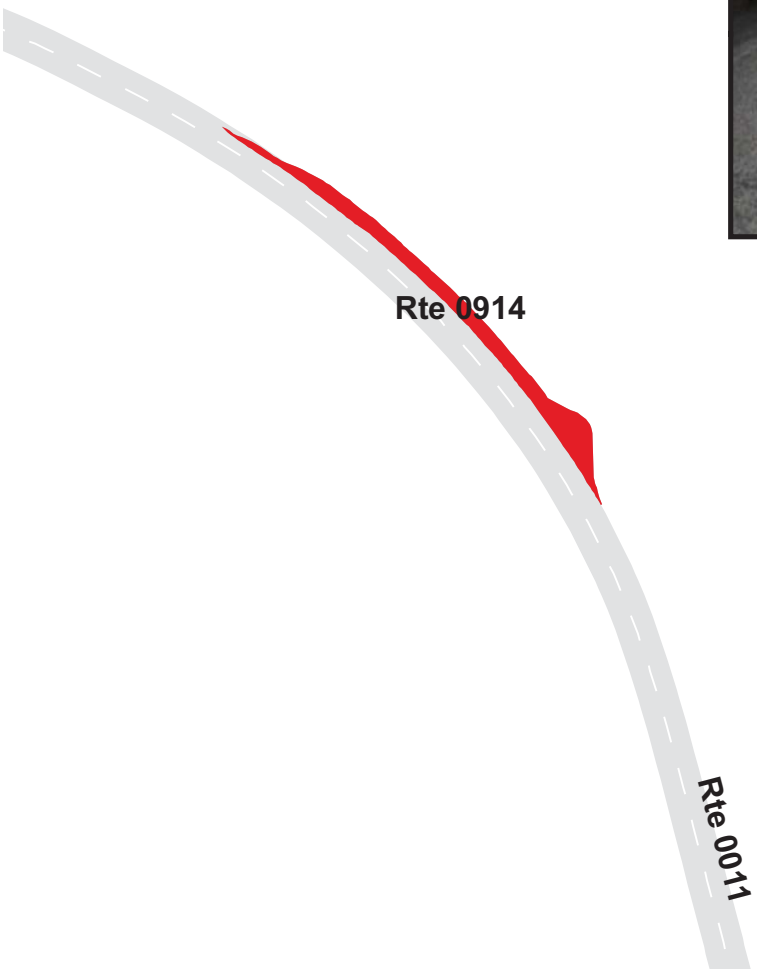
* Lane miles are based on 11' lane widths



CRATER LAKE NATIONAL PARK
Route 0914
FOSSIL FUMAROLES
ADJACENT TO ROUTE 0011 (CRATER LAKE HIGHWAY) AT MP 8.77 (ON LEFT)

Route Number	Public / NonPublic	Date Visited		Area (sq ft)	Lane Miles *	Surface Type
0914	PUBLIC	8/21/2007		15,672	0.27	AS
Culverts	**Drop Inlets**	**Gates**	**Fire Hydrants**	**Curb & Gutter**	**Curb**	**PCR**
0	0	0	0	NO CURB AND GUTTER	NO CURB	GOOD/90

* Lane miles are based on 11' lane widths



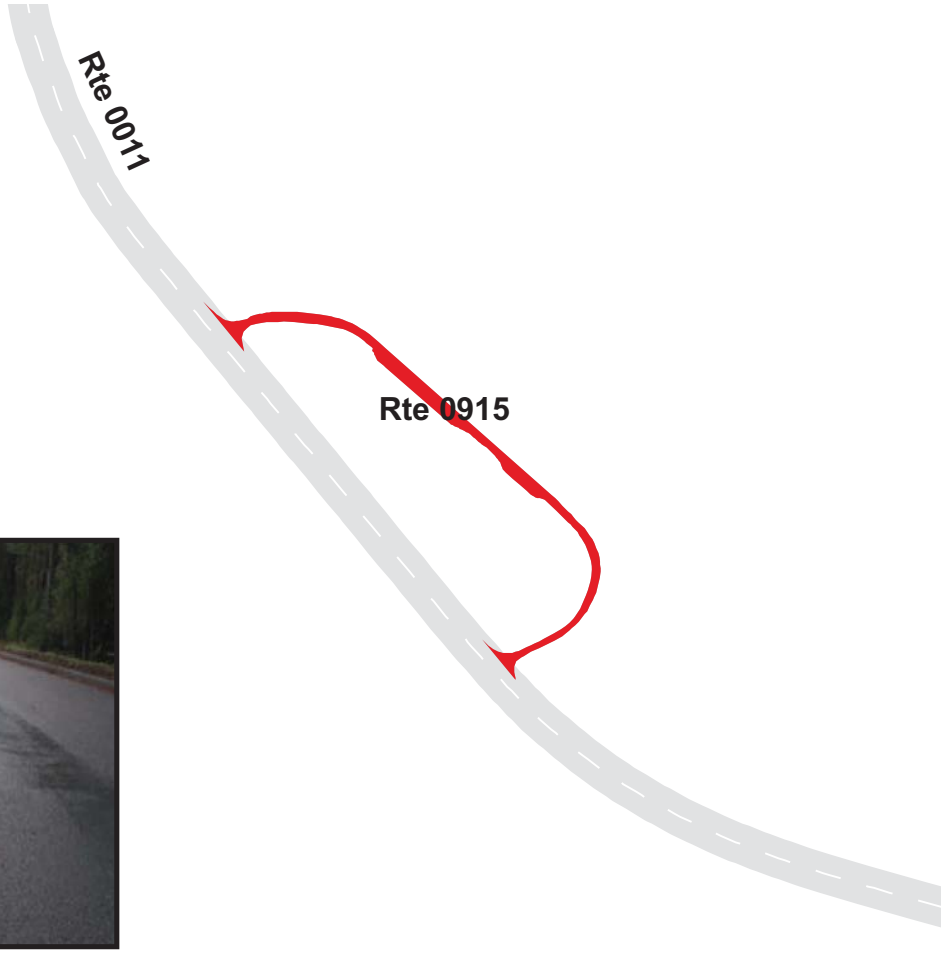
390 195 0 390
Feet

CRATER LAKE NATIONAL PARK
Route 0915
LODGE POLE PICNIC AREA

FROM ROUTE 0011 (CRATER LAKE HIGHWAY) AT MP 10.18 (ON LEFT)
TO ROUTE 0011 (CRATER LAKE HIGHWAY) AT MP 10.40 (ON LEFT)

Route Number	Public / NonPublic	Date Visited		Area (sq ft)	Lane Miles *	Surface Type
0915	PUBLIC	8/21/2007		42,041	0.72	AS
Culverts	**Drop Inlets**	**Gates**	**Fire Hydrants**	**Curb & Gutter**	**Curb**	**PCR**
1	0	0	0	NO CURB AND GUTTER	ASPHALT CURB	FAIR/73

* Lane miles are based on 11' lane widths



790 395 0 790
Feet

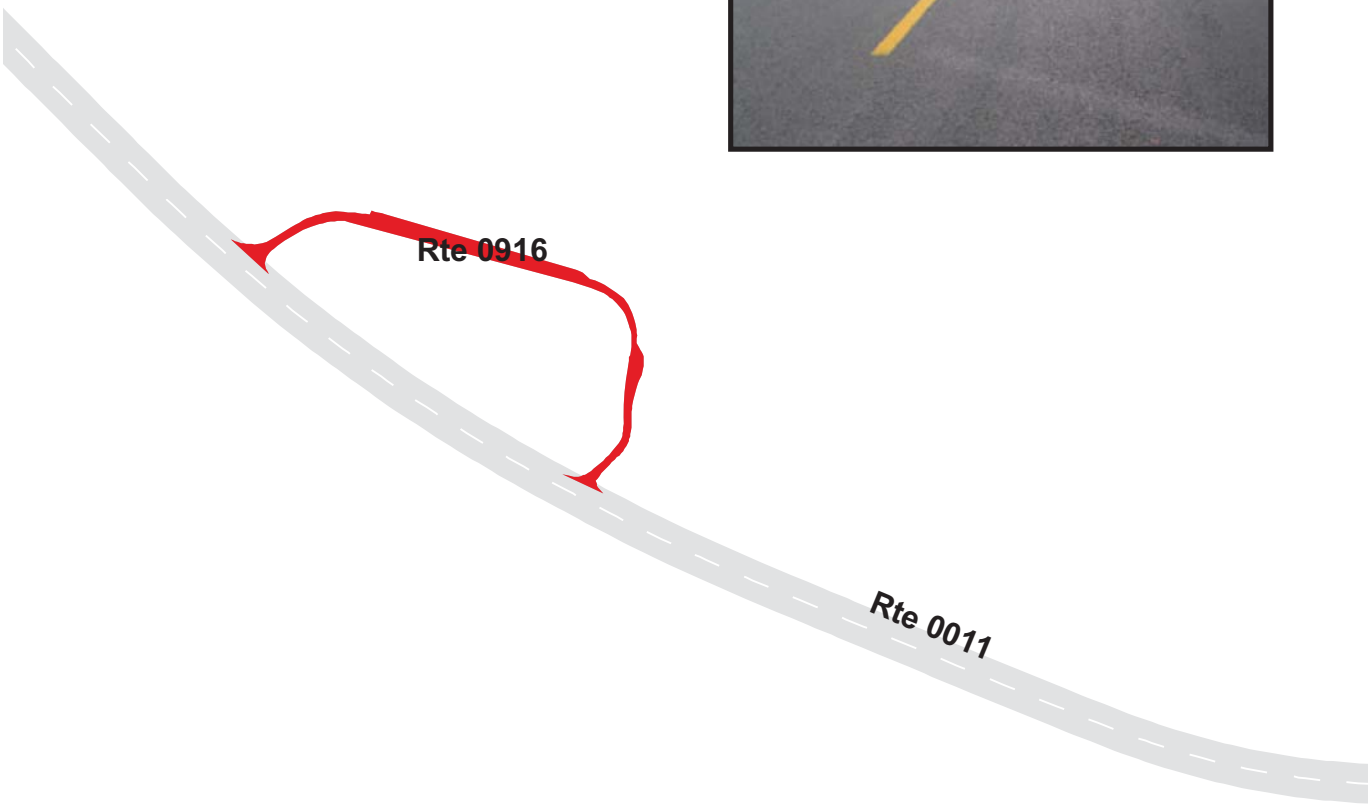
N

CRATER LAKE NATIONAL PARK
Route 0916
ANNIE FALLS PICNIC AREA

FROM ROUTE 0011 (CRATER LAKE HIGHWAY) AT MP 12.40 (ON LEFT)
TO ROUTE 0011 (CRATER LAKE HIGHWAY) AT MP 12.57 (ON LEFT)

Route Number	Public / NonPublic	Date Visited		Area (sq ft)	Lane Miles *	Surface Type
0916	PUBLIC	8/21/2007		37,011	0.64	AS
Culverts	**Drop Inlets**	**Gates**	**Fire Hydrants**	**Curb & Gutter**	**Curb**	**PCR**
1	0	0	0	NO CURB AND GUTTER	ASPHALT CURB	FAIR/73

* Lane miles are based on 11' lane widths



660 330 0 660
Feet

CRATER LAKE NATIONAL PARK
Route 0917

NO NAME PICNIC AREA

FROM ROUTE 0011 (CRATER LAKE HIGHWAY) AT MP 13.23 (ON LEFT)
TO ROUTE 0011 (CRATER LAKE HIGHWAY) AT MP 13.29 (ON LEFT)

Route Number	Public / NonPublic	Date Visited		Area (sq ft)	Lane Miles *	Surface Type
0917	PUBLIC	8/21/2007		9,738	0.17	AS
Culverts	**Drop Inlets**	**Gates**	**Fire Hydrants**	**Curb & Gutter**	**Curb**	**PCR**
1	0	0	0	NO CURB AND GUTTER	NO CURB	GOOD/90

* Lane miles are based on 11' lane widths

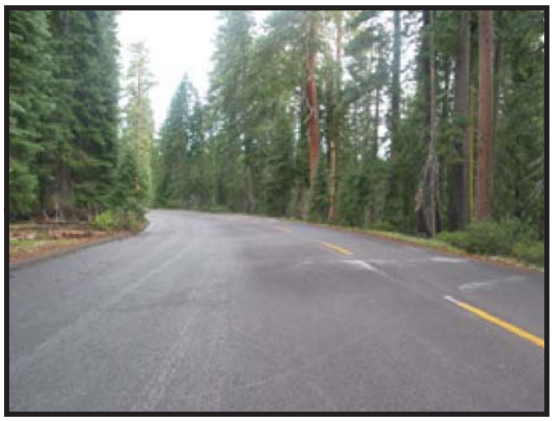
290 145 0 290 Feet

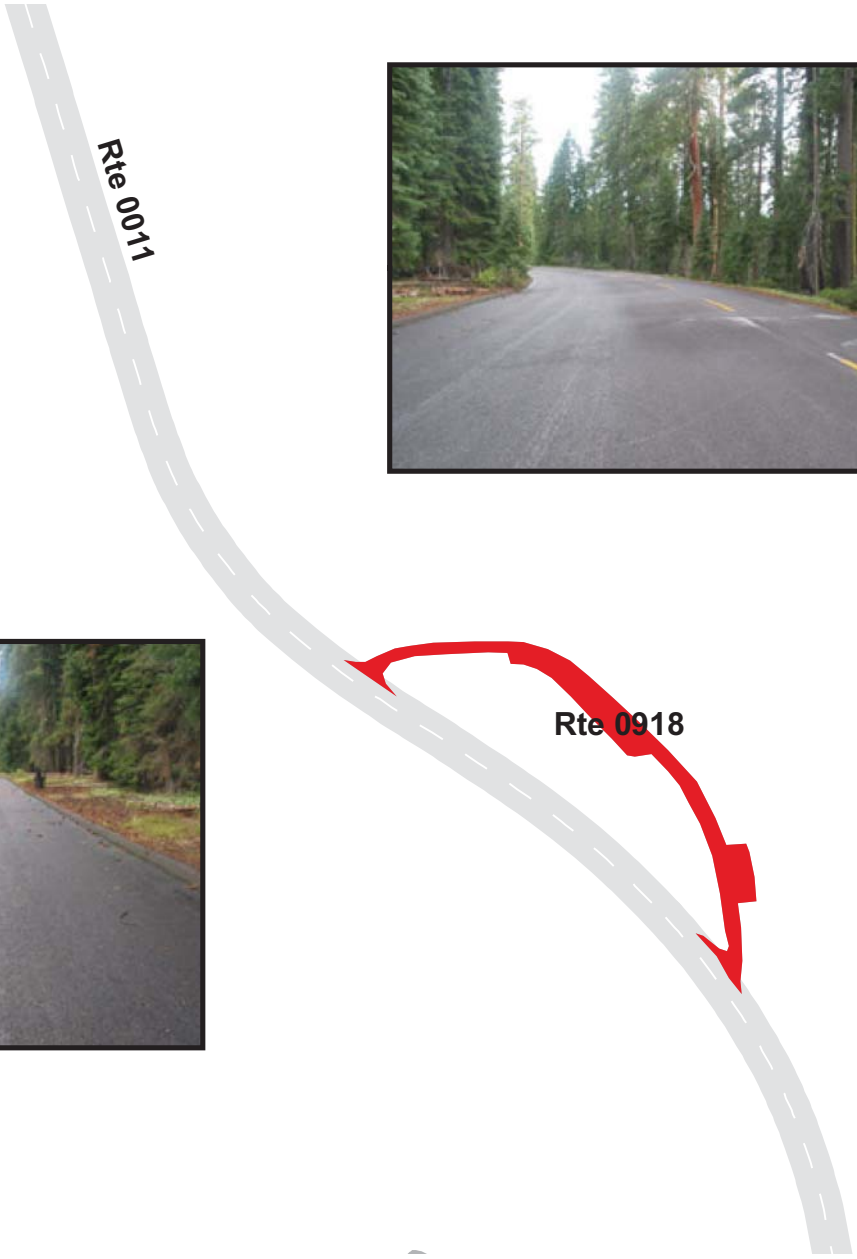
CRATER LAKE NATIONAL PARK
Route 0918
PONDEROSA PICNIC AREA

FROM ROUTE 0011 (CRATER LAKE HIGHWAY) AT MP 16.79 (ON LEFT)
TO ROUTE 0011 (CRATER LAKE HIGHWAY) AT MP 17.02 (ON LEFT)

Route Number	Public / NonPublic	Date Visited		Area (sq ft)	Lane Miles *	Surface Type
0918	PUBLIC	8/21/2007		88,587	1.53	AS
Culverts	**Drop Inlets**	**Gates**	**Fire Hydrants**	**Curb & Gutter**	**Curb**	**PCR**
0	0	0	0	NO CURB AND GUTTER	ASPHALT CURB	FAIR/73

* Lane miles are based on 11' lane widths

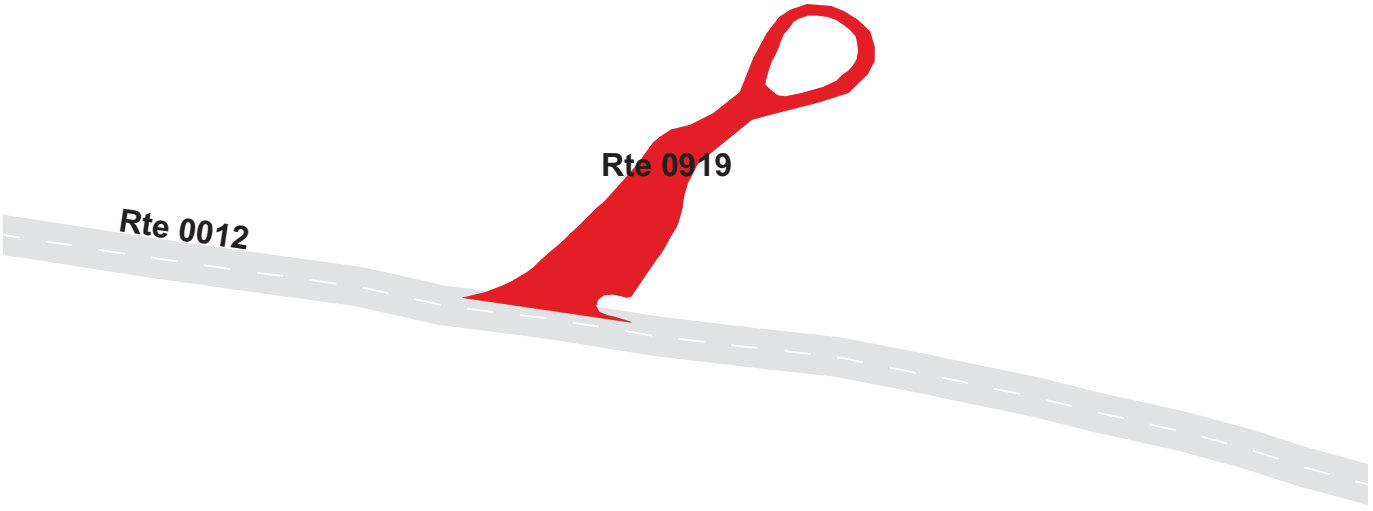




CRATER LAKE NATIONAL PARK
Route 0919
GOODBYE PICNIC AREA
ADJACENT TO ROUTE 0012 (MUNSON VALLEY ROAD) AT MP 1.30 (ON LEFT)

Route Number	Public / NonPublic	Date Visited		Area (sq ft)	Lane Miles *	Surface Type
0919	PUBLIC	8/21/2007		9,178	0.16	AS
Culverts	**Drop Inlets**	**Gates**	**Fire Hydrants**	**Curb & Gutter**	**Curb**	**PCR**
0	0	0	0	NO CURB AND GUTTER	ASPHALT CURB	FAIR/73

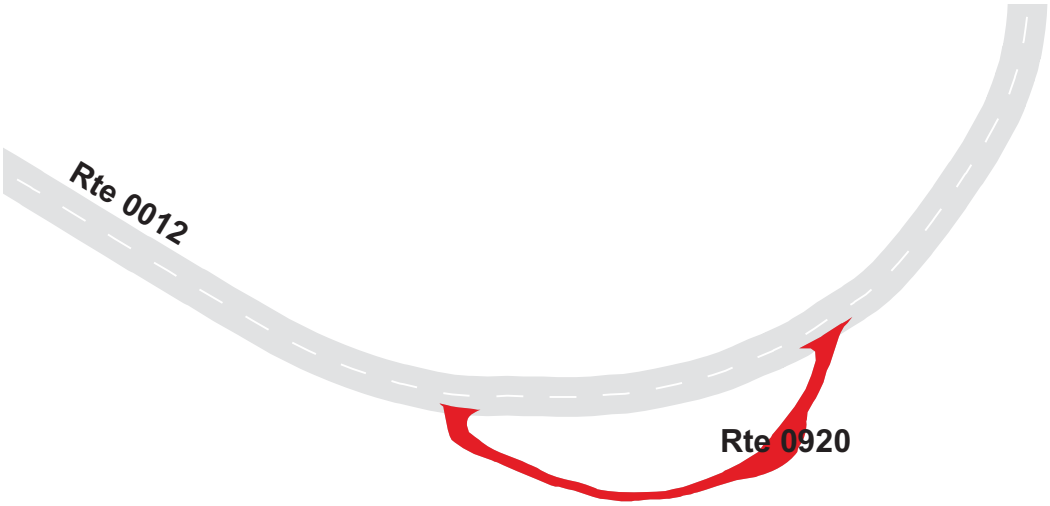
* Lane miles are based on 11' lane widths



CRATER LAKE NATIONAL PARK
Route 0920
GODFREY GLEN TRAIL PARKING
FROM ROUTE 0012 (MUNSON VALLEY ROAD) AT MP 1.67 (ON RIGHT)
TO ROUTE 0012 (MUNSON VALLEY ROAD) AT MP 1.78 (ON RIGHT)

Route Number	Public / NonPublic	Date Visited		Area (sq ft)	Lane Miles *	Surface Type
0920	PUBLIC	8/21/2007		22,196	0.38	AS
Culverts	**Drop Inlets**	**Gates**	**Fire Hydrants**	**Curb & Gutter**	**Curb**	**PCR**
1	0	0	0	NO CURB AND GUTTER	ASPHALT CURB	FAIR/73

* Lane miles are based on 11' lane widths



CRATER LAKE NATIONAL PARK
Route 0921
HEADQUARTERS VISITOR CENTER PARKING
FROM ROUTE 0012 (MUNSON VALLEY ROAD) AT MP 3.98 (ON LEFT)
TO ROUTE 0404 (HEADQUARTERS RESIDENCE ROAD) NEAR ROUTE 0946

Route Number	Public / NonPublic	Date Visited		Area (sq ft)	Lane Miles *	Surface Type
0921	PUBLIC	8/21/2007		34,297	0.59	AS
Culverts	**Drop Inlets**	**Gates**	**Fire Hydrants**	**Curb & Gutter**	**Curb**	**PCR**
1	2	0	1	NO CURB AND GUTTER	STONE CURB	FAIR/73

* Lane miles are based on 11' lane widths

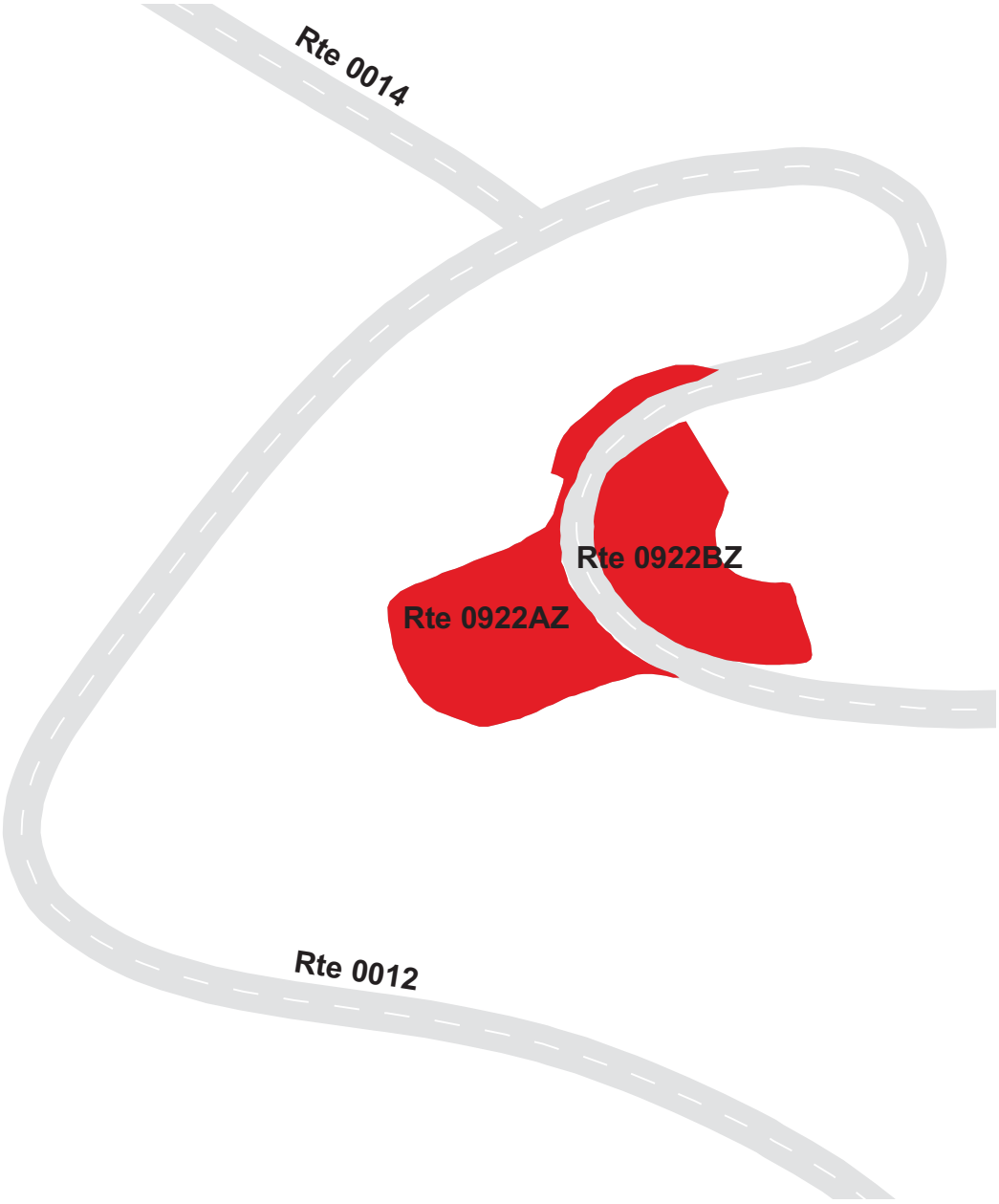
360 180 0 360
Feet

CRATER LAKE NATIONAL PARK
Route 0922ZZ
CAFETERIA AND GIFT SHOP PARKING AREAS
ADJACENT TO ROUTE 0012 (MUNSON VALLEY ROAD) AT MP 6.85 (ON RIGHT & LEFT)

Summary Record

Route Number	Public / NonPublic	Date Visited		Area (sq ft)	Lane Miles *	Surface Type
0922ZZ	PUBLIC	8/21/2007		33,363	0.57	AS
Culverts	**Drop Inlets**	**Gates**	**Fire Hydrants**	**Curb & Gutter**	**Curb**	**PCR**
0	0	0	0	NO CURB AND GUTTER	STONE CURB	SUMMARY/97

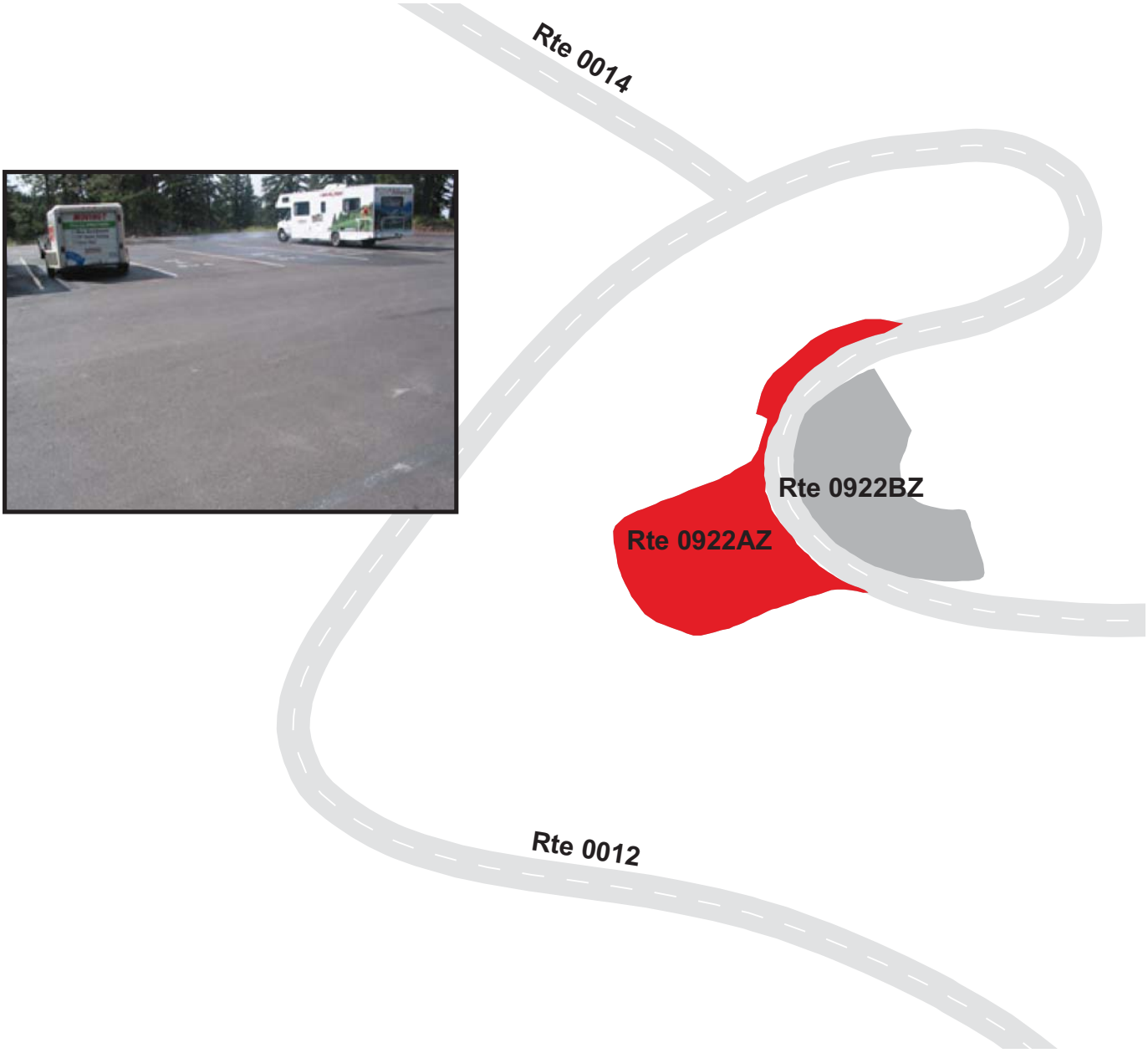
* Lane miles are based on 11' lane widths



CRATER LAKE NATIONAL PARK
Route 0922AZ
CAFETERIA AND GIFT SHOP PARKING A
FROM ROUTE 0012 (MUNSON VALLEY ROAD) AT MP 6.85 (ON RIGHT)
TO PARKING
Subcomponent Record

Route Number	Public / NonPublic	Date Visited		Area (sq ft)	Lane Miles *	Surface Type
0922AZ	PUBLIC	8/21/2007		18,481	0.32	AS
Culverts	**Drop Inlets**	**Gates**	**Fire Hydrants**	**Curb & Gutter**	**Curb**	**PCR**
0	0	0	0	NO CURB AND GUTTER	STONE CURB	EXCELLENT/97

* Lane miles are based on 11' lane widths



CRATER LAKE NATIONAL PARK
Route 0922BZ
CAFETERIA AND GIFT SHOP PARKING B
FROM ROUTE 0012 (MUNSON VALLEY ROAD) AT MP 6.85 (ON LEFT)
TO PARKING
Subcomponent Record

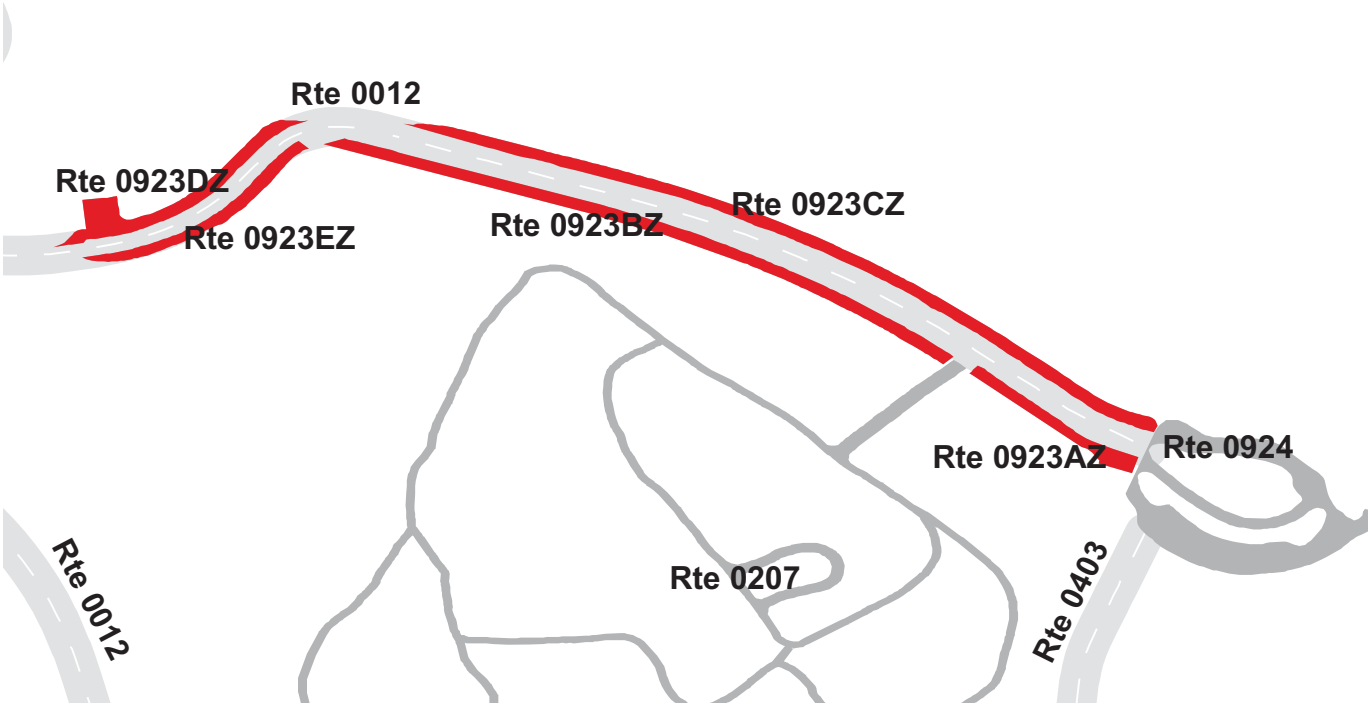
Route Number	Public / NonPublic	Date Visited		Area (sq ft)	Lane Miles *	Surface Type
0922BZ	PUBLIC	8/21/2007		14,883	0.26	AS
Culverts	**Drop Inlets**	**Gates**	**Fire Hydrants**	**Curb & Gutter**	**Curb**	**PCR**
0	0	0	0	NO CURB AND GUTTER	STONE CURB	EXCELLENT/97

* Lane miles are based on 11' lane widths

CRATER LAKE NATIONAL PARK
Route 0923ZZ
VISITOR CENTER AND SINNOTT OVERLOOK PARKING AREAS
FROM ROUTE 0012 (MUNSON VALLEY ROAD) AT MP 6.95 (ON RIGHT)
TO ROUTE 0012 (MUNSON VALLEY ROAD) AT MP 7.18 (ON RIGHT)
Summary Record

Route Number	Public / NonPublic	Date Visited		Area (sq ft)	Lane Miles *	Surface Type
0923ZZ	PUBLIC	8/21/2007		52,970	0.91	AS
Culverts	**Drop Inlets**	**Gates**	**Fire Hydrants**	**Curb & Gutter**	**Curb**	**PCR**
0	1	0	1	NO CURB AND GUTTER	CONCRETE & STONE CURB	SUMMARY/77.53

* Lane miles are based on 11' lane widths

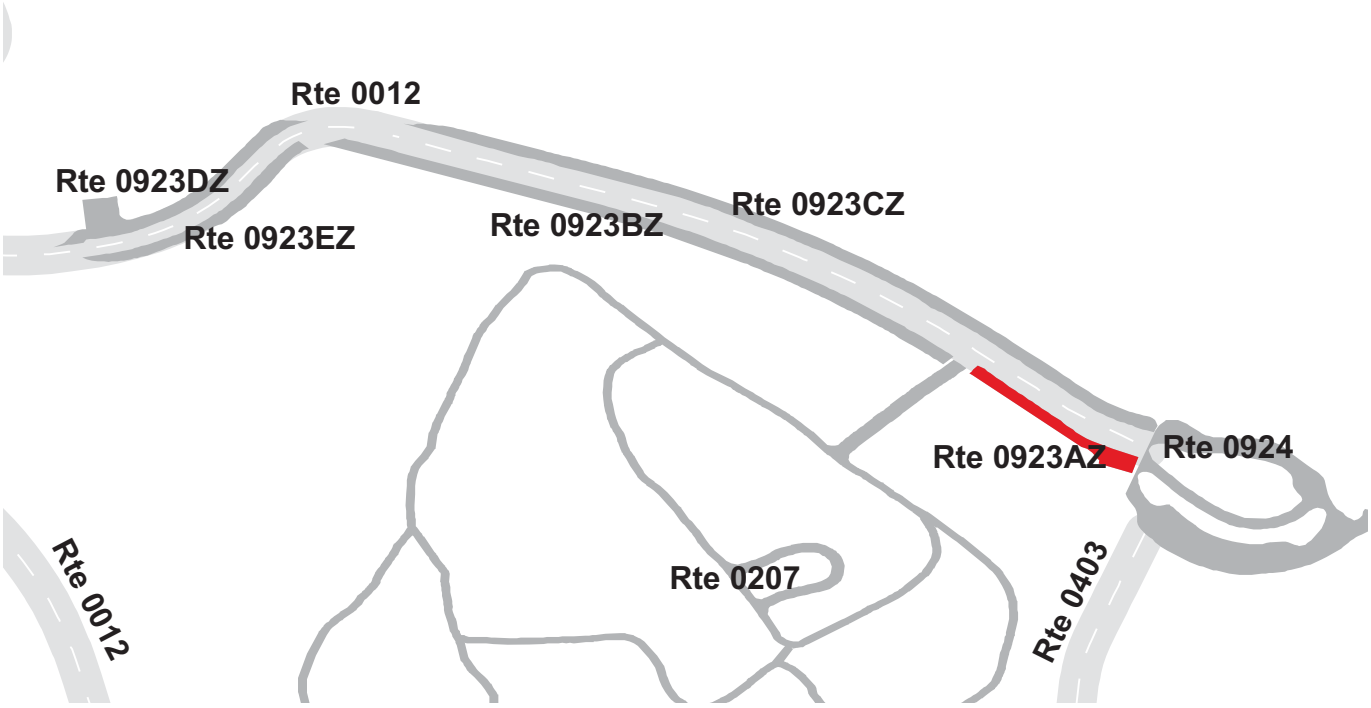


CRATER LAKE NATIONAL PARK
Route 0923AZ
VISITOR CENTER AND SINNOTT OVERLOOK PARKING A
ADJACENT TO ROUTE 0012 (MUNSON VALLEY ROAD) AT MP 7.18 (ON RIGHT)

Subcomponent Record

Route Number	Public / NonPublic	Date Visited		Area (sq ft)	Lane Miles *	Surface Type
0923AZ	PUBLIC	8/21/2007		4,661	0.08	AS
Culverts	**Drop Inlets**	**Gates**	**Fire Hydrants**	**Curb & Gutter**	**Curb**	**PCR**
0	1	0	0	NO CURB AND GUTTER	STONE CURB	FAIR/73

* Lane miles are based on 11' lane widths

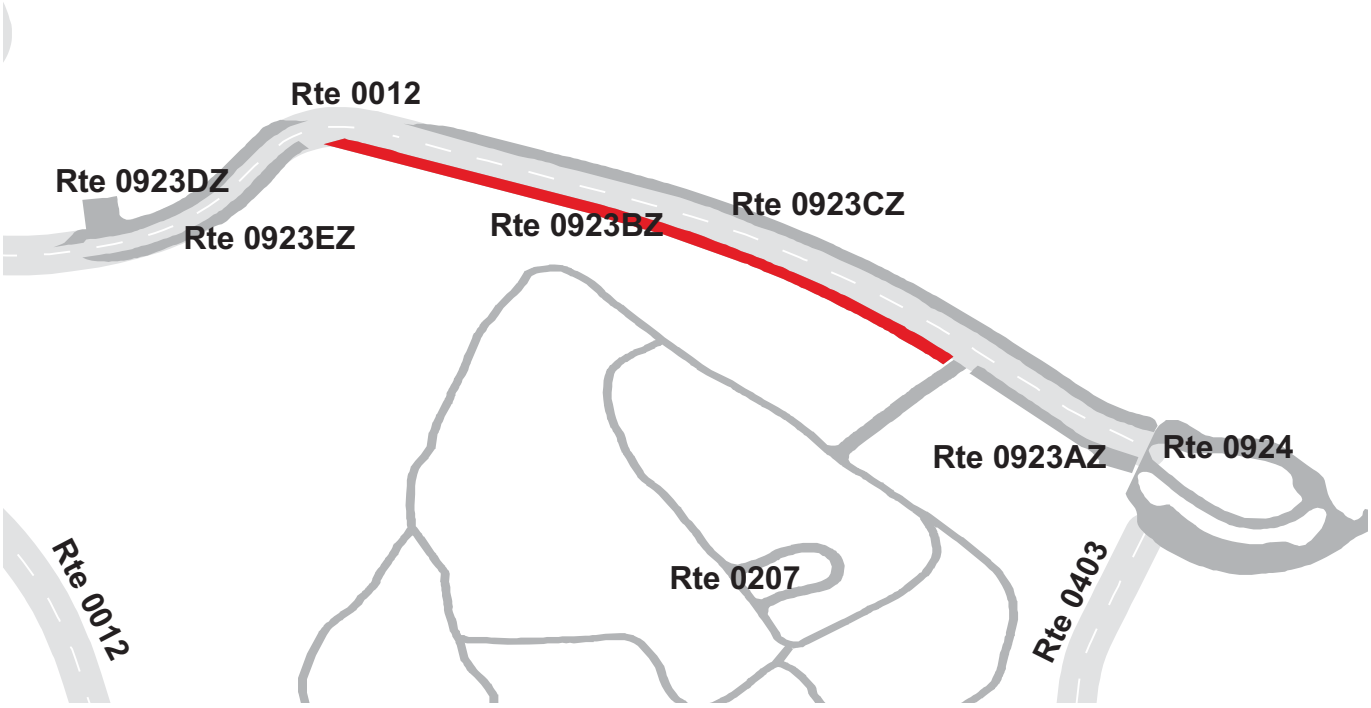


CRATER LAKE NATIONAL PARK
Route 0923BZ
VISITOR CENTER AND SINNOTT OVERLOOK PARKING B
ADJACENT TO ROUTE 0012 (MUNSON VALLEY ROAD) AT MP 7.08 (ON RIGHT)

Subcomponent Record

Route Number	Public / NonPublic	Date Visited		Area (sq ft)	Lane Miles *	Surface Type
0923BZ	PUBLIC	8/21/2007		15,374	0.27	AS
Culverts	**Drop Inlets**	**Gates**	**Fire Hydrants**	**Curb & Gutter**	**Curb**	**PCR**
0	0	0	0	NO CURB AND GUTTER	STONE CURB	FAIR/73

* Lane miles are based on 11' lane widths

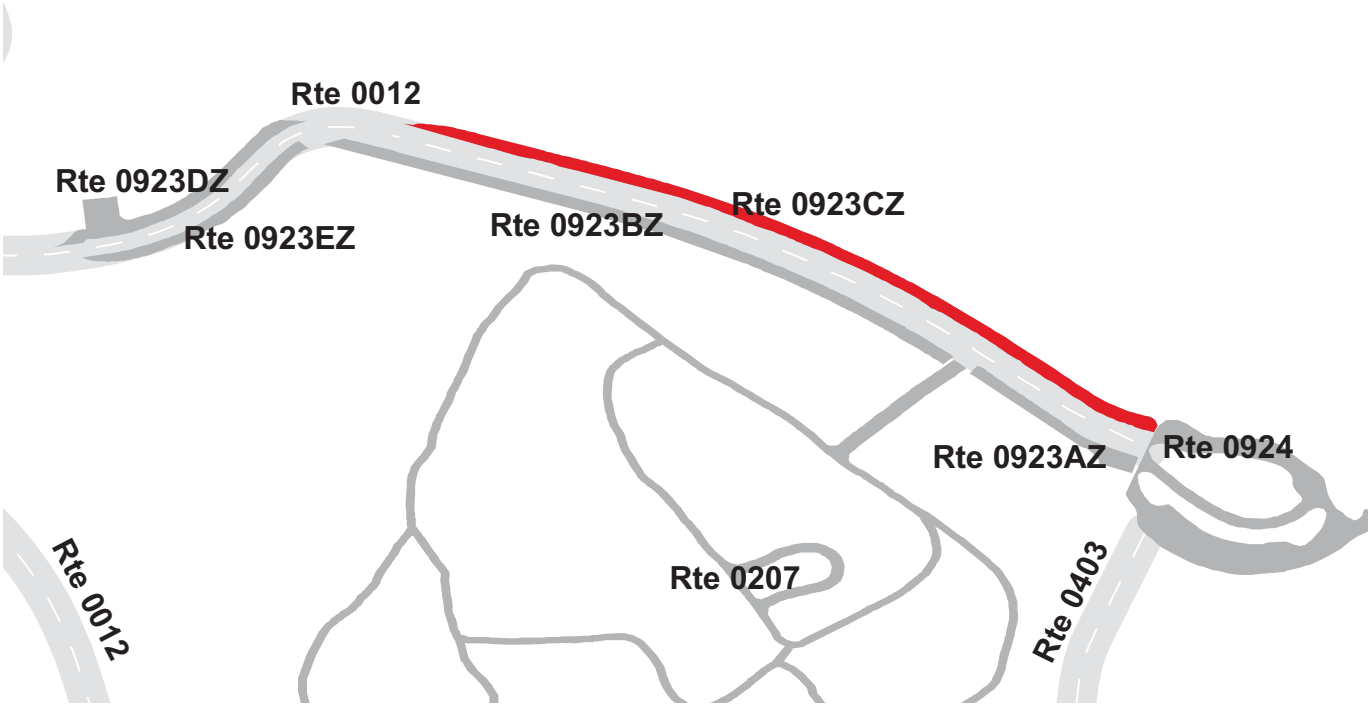


CRATER LAKE NATIONAL PARK
Route 0923CZ
VISITOR CENTER AND SINNOTT OVERLOOK PARKING C
ADJACENT TO ROUTE 0012 (MUNSON VALLEY ROAD) AT MP 7.14 (ON LEFT)

Subcomponent Record

Route Number	Public / NonPublic	Date Visited		Area (sq ft)	Lane Miles *	Surface Type
0923CZ	PUBLIC	8/21/2007		18,825	0.32	AS
Culverts	**Drop Inlets**	**Gates**	**Fire Hydrants**	**Curb & Gutter**	**Curb**	**PCR**
0	0	0	1	NO CURB AND GUTTER	STONE CURB	FAIR/73

* Lane miles are based on 11' lane widths

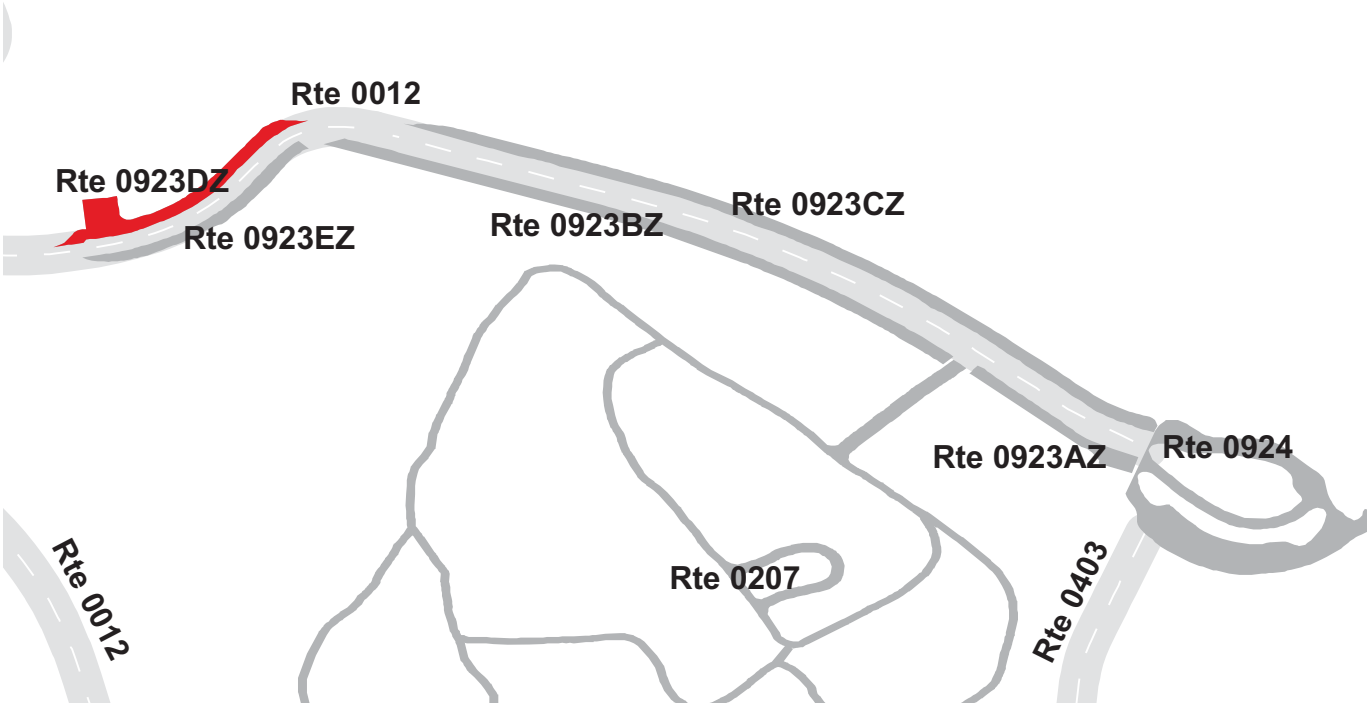


CRATER LAKE NATIONAL PARK
Route 0923DZ
VISITOR CENTER AND SINNOTT OVERLOOK PARKING D
ADJACENT TO ROUTE 0012 (MUNSON VALLEY ROAD) AT MP 6.96 (ON LEFT)

Subcomponent Record

Route Number	Public / NonPublic	Date Visited		Area (sq ft)	Lane Miles *	Surface Type
0923DZ	PUBLIC	8/21/2007		8,582	0.15	AS
Culverts	**Drop Inlets**	**Gates**	**Fire Hydrants**	**Curb & Gutter**	**Curb**	**PCR**
0	0	0	0	NO CURB AND GUTTER	STONE CURB	GOOD/90

* Lane miles are based on 11' lane widths

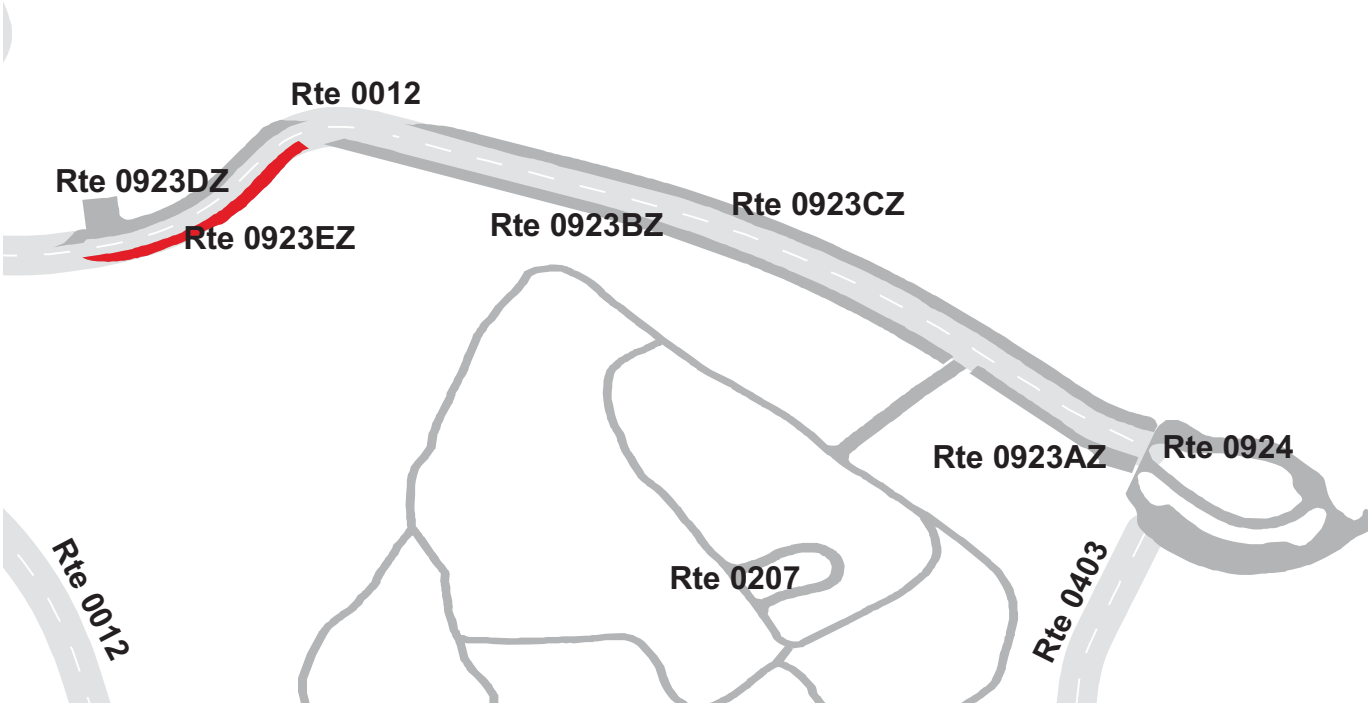


CRATER LAKE NATIONAL PARK
Route 0923EZ
VISITOR CENTER AND SINNOTT OVERLOOK PARKING E
ADJACENT TO ROUTE 0012 (MUNSON VALLEY ROAD) AT MP 6.95 (ON RIGHT)

Subcomponent Record

Route Number	Public / NonPublic	Date Visited		Area (sq ft)	Lane Miles *	Surface Type
0923EZ	PUBLIC	8/21/2007		5,528	0.10	AS
Culverts	**Drop Inlets**	**Gates**	**Fire Hydrants**	**Curb & Gutter**	**Curb**	**PCR**
0	0	0	0	NO CURB AND GUTTER	CONCRETE CURB	GOOD/90

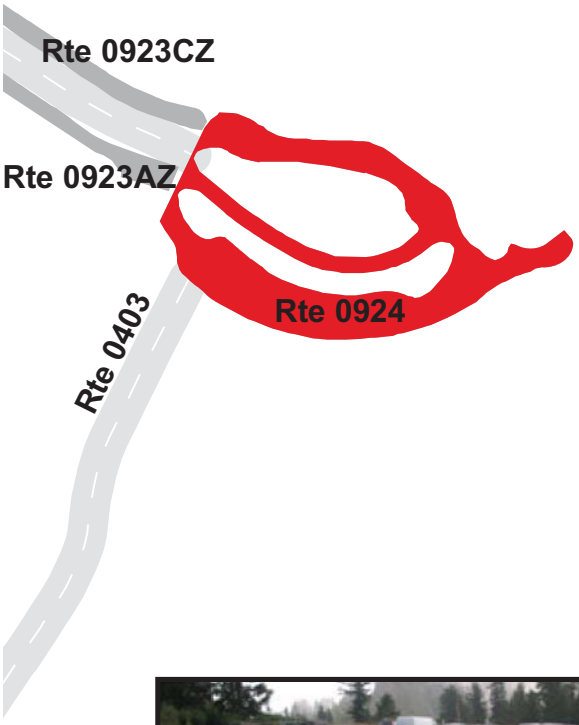
* Lane miles are based on 11' lane widths



CRATER LAKE NATIONAL PARK
Route 0924
CRATER LAKE LODGE PARKING
FROM ROUTE 0012 (MUNSON VALLEY ROAD) AT END
TO ROUTE 0403 (CRATER LAKE LODGE RESIDENCE ROAD) AT START

Route Number	Public / NonPublic	Date Visited		Area (sq ft)	Lane Miles *	Surface Type
0924	PUBLIC	8/21/2007		31,320	0.54	AS
Culverts	**Drop Inlets**	**Gates**	**Fire Hydrants**	**Curb & Gutter**	**Curb**	**PCR**
0	0	0	0	NO CURB AND GUTTER	STONE CURB	GOOD/90

* Lane miles are based on 11' lane widths

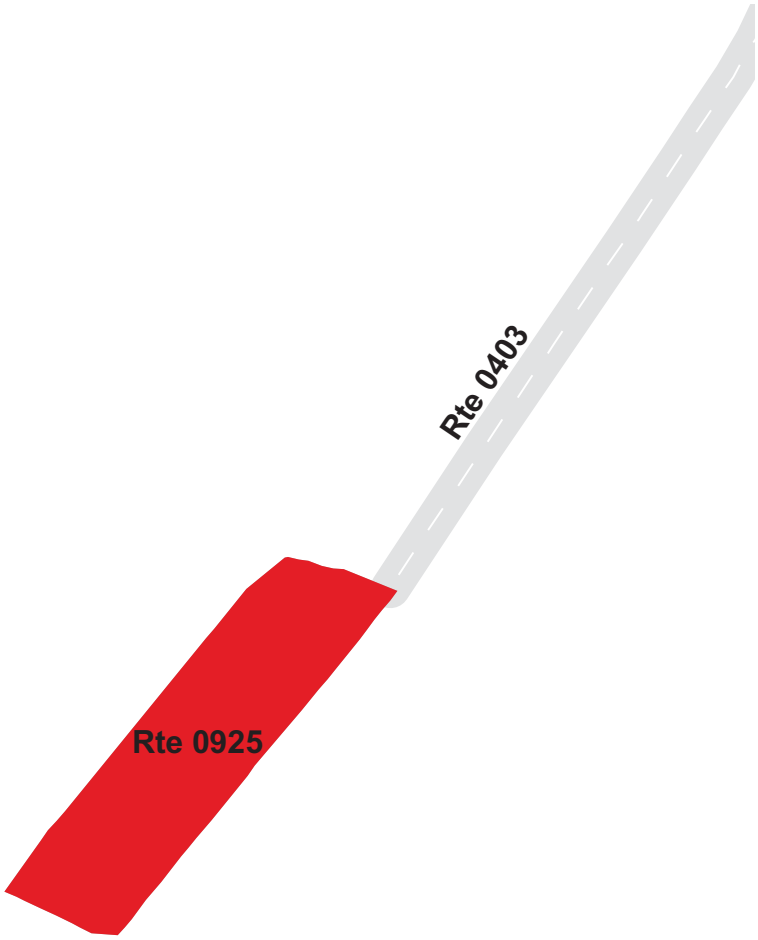


280 140 0 280
Feet

CRATER LAKE NATIONAL PARK
Route 0925
CRATER LAKE LODGE RESIDENCE PARKING
FROM ROUTE 0403 (CRATER LAKE LODGE RESIDENCE ROAD) AT END
TO PARKING

Route Number	Public / NonPublic	Date Visited		Area (sq ft)	Lane Miles *	Surface Type
0925	NONPUBLIC	8/21/2007		8,352	0.14	AS
Culverts	**Drop Inlets**	**Gates**	**Fire Hydrants**	**Curb & Gutter**	**Curb**	**PCR**
0	0	0	0	NO CURB AND GUTTER	CONCRETE CURB	FAIR/73

* Lane miles are based on 11' lane widths

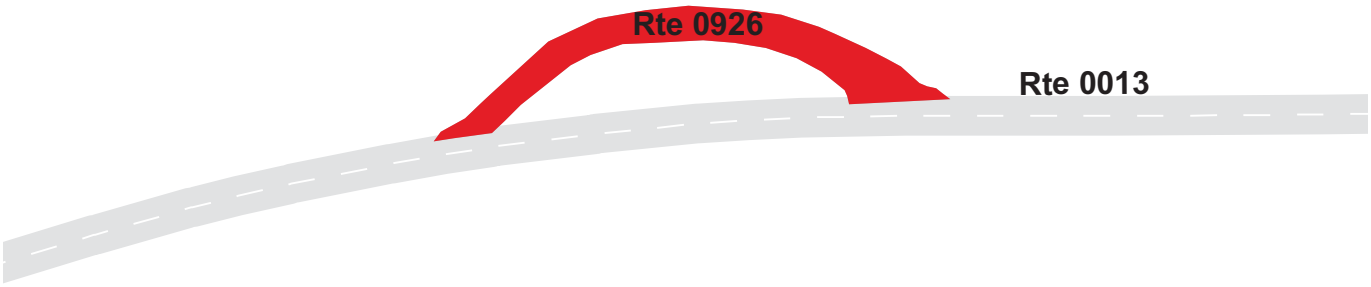


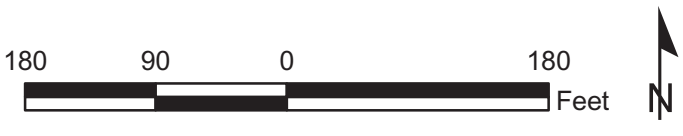
110 55 0 110
Feet

CRATER LAKE NATIONAL PARK
Route 0926
PUMICE POINT PICNIC AREA
FROM ROUTE 0013 (EAST RIM DRIVE) AT MP 3.63 (ON LEFT)
TO ROUTE 0013 (EAST RIM DRIVE) AT MP 3.67 (ON LEFT)

Route Number	Public / NonPublic	Date Visited		Area (sq ft)	Lane Miles *	Surface Type
0926	PUBLIC	8/21/2007		6,112	0.11	AS
Culverts	**Drop Inlets**	**Gates**	**Fire Hydrants**	**Curb & Gutter**	**Curb**	**PCR**
0	0	0	0	NO CURB AND GUTTER	NO CURB	POOR/45

* Lane miles are based on 11' lane widths

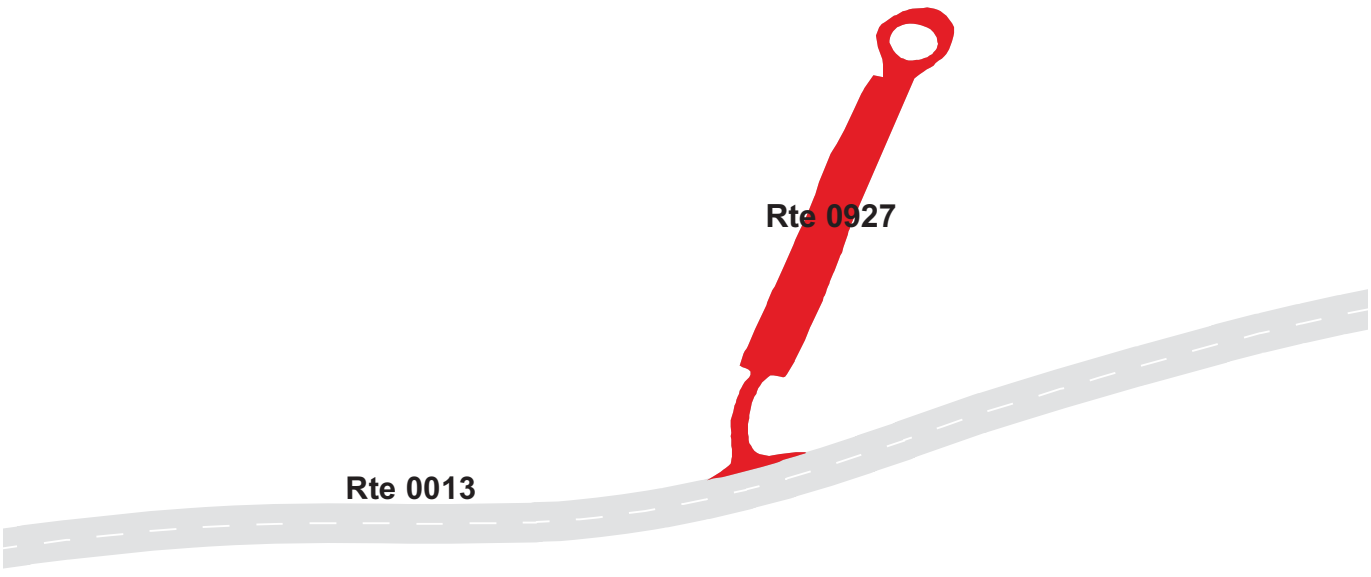




CRATER LAKE NATIONAL PARK
Route 0927
CLEETWOOD TRAIL PARKING
FROM ROUTE 0013 (EAST RIM DRIVE) AT MP 4.53 (ON LEFT)
TO END AT LOOP

Route Number	Public / NonPublic	Date Visited		Area (sq ft)	Lane Miles *	Surface Type
0927	PUBLIC	8/21/2007		40,760	0.70	AS
Culverts	**Drop Inlets**	**Gates**	**Fire Hydrants**	**Curb & Gutter**	**Curb**	**PCR**
0	1	0	0	NO CURB AND GUTTER	ASPHALT CURB	POOR/45

* Lane miles are based on 11' lane widths



CRATER LAKE NATIONAL PARK
Route 0928
THE CLEETWOOD OVER FLOW PARKING
ADJACENT TO ROUTE 0013 (EAST RIM DRIVE) AT MP 4.71 (ON RIGHT)

Route Number	Public / NonPublic	Date Visited		Area (sq ft)	Lane Miles *	Surface Type
0928	PUBLIC	8/21/2007		4,208	0.07	AS
Culverts	**Drop Inlets**	**Gates**	**Fire Hydrants**	**Curb & Gutter**	**Curb**	**PCR**
0	0	0	0	NO CURB AND GUTTER	NO CURB	FAIR/73

* Lane miles are based on 11' lane widths

230 115 0 230
Feet

CRATER LAKE NATIONAL PARK
Route 0929
LOWER SKELL OVERLOOK
FROM ROUTE 0013 (EAST RIM DRIVE) AT MP 7.83 (ON RIGHT)
TO ROUTE 0013 (EAST RIM DRIVE) AT MP 7.86 (ON RIGHT)

Route Number	Public / NonPublic	Date Visited		Area (sq ft)	Lane Miles *	Surface Type
0929	PUBLIC	8/21/2007		14,221	0.25	AS
Culverts	**Drop Inlets**	**Gates**	**Fire Hydrants**	**Curb & Gutter**	**Curb**	**PCR**
0	0	0	0	NO CURB AND GUTTER	STONE CURB	FAIR/73

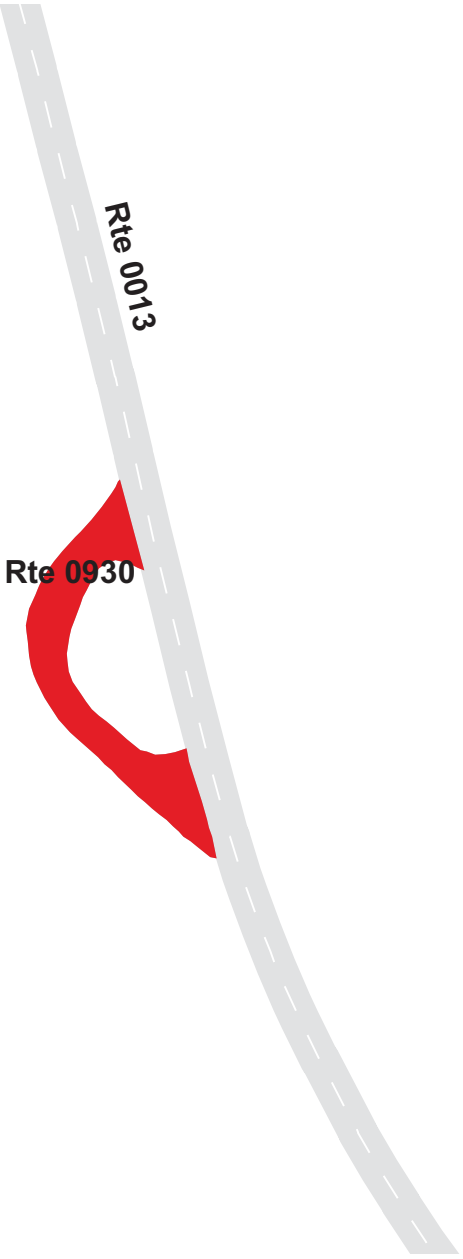
* Lane miles are based on 11' lane widths

CRATER LAKE NATIONAL PARK
Route 0930
OVERLOOK PARKING

FROM ROUTE 0013 (EAST RIM DRIVE) AT MP 7.96 (ON RIGHT)
TO ROUTE 0013 (EAST RIM DRIVE) AT MP 7.99 (ON RIGHT)

Route Number	Public / NonPublic	Date Visited		Area (sq ft)	Lane Miles *	Surface Type
0930	PUBLIC	8/21/2007		5,853	0.10	AS
Culverts	**Drop Inlets**	**Gates**	**Fire Hydrants**	**Curb & Gutter**	**Curb**	**PCR**
0	0	0	0	NO CURB AND GUTTER	STONE CURB	FAIR/73

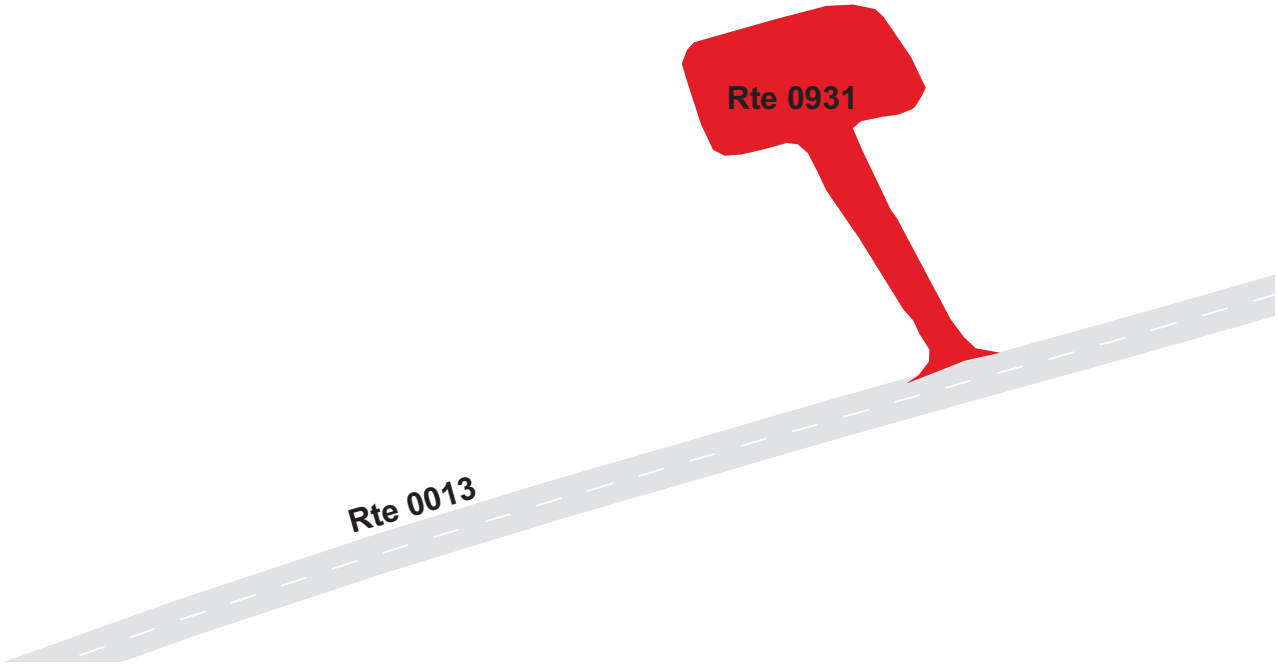
* Lane miles are based on 11' lane widths



CRATER LAKE NATIONAL PARK
Route 0931
SKELL HEAD PICNIC AREA
ADJACENT TO ROUTE 0013 (EAST RIM DRIVE) AT MP 8.46 (ON RIGHT)

Route Number	Public / NonPublic	Date Visited		Area (sq ft)	Lane Miles *	Surface Type
0931	PUBLIC	8/21/2007		3,479	0.06	AS
Culverts	**Drop Inlets**	**Gates**	**Fire Hydrants**	**Curb & Gutter**	**Curb**	**PCR**
0	0	0	0	NO CURB AND GUTTER	NO CURB	POOR/45

* Lane miles are based on 11' lane widths



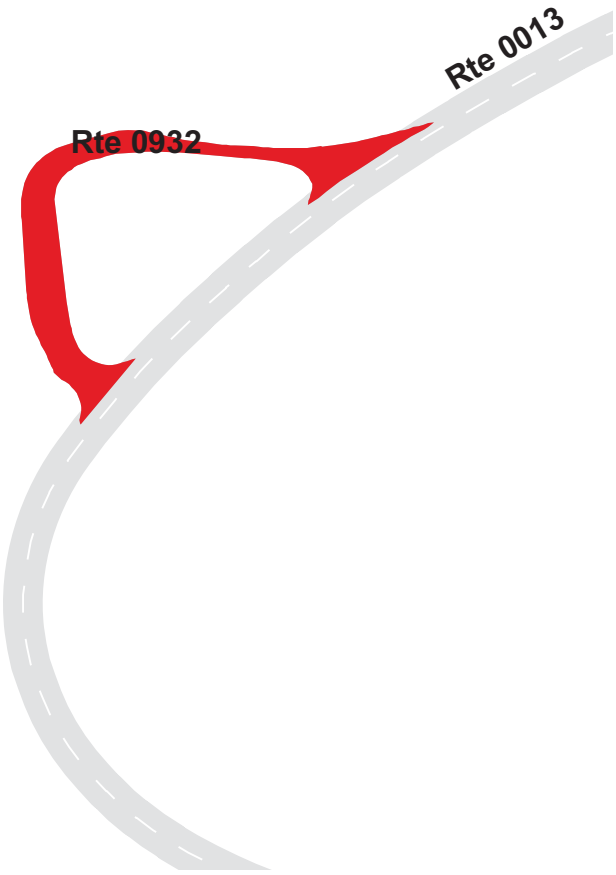
90 45 0 90 Feet

CRATER LAKE NATIONAL PARK
Route 0932
SKELL HEAD OVERLOOK

FROM ROUTE 0013 (EAST RIM DRIVE) AT MP 8.62 (ON RIGHT)
TO ROUTE 0013 (EAST RIM DRIVE) AT MP 8.70 (ON RIGHT)

Route Number	Public / NonPublic	Date Visited		Area (sq ft)	Lane Miles *	Surface Type
0932	PUBLIC	8/21/2007		28,600	0.49	AS
Culverts	**Drop Inlets**	**Gates**	**Fire Hydrants**	**Curb & Gutter**	**Curb**	**PCR**
0	0	0	0	NO CURB AND GUTTER	STONE CURB	FAIR/73

* Lane miles are based on 11' lane widths

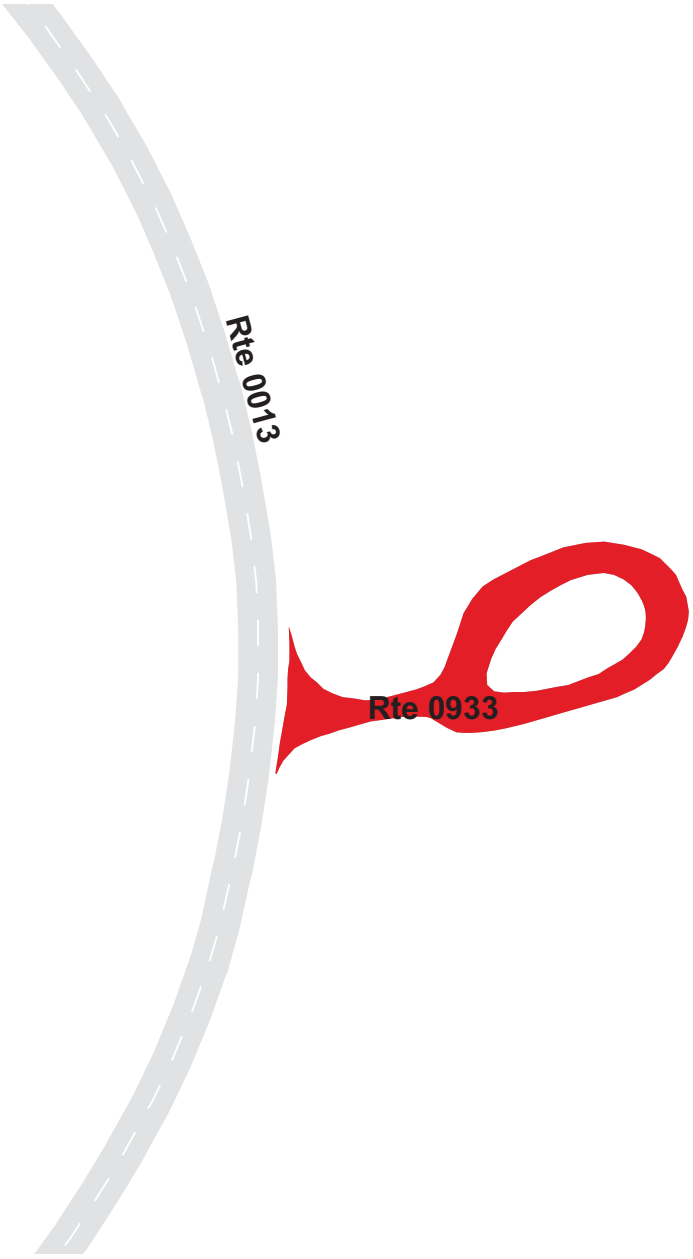


420 210 0 420
Feet

CRATER LAKE NATIONAL PARK
Route 0933
WHITEBARK PICNIC AREA
ADJACENT TO ROUTE 0013 (EAST RIM DRIVE) AT MP 10.85 (ON LEFT)

Route Number	Public / NonPublic	Date Visited		Area (sq ft)	Lane Miles *	Surface Type
0933	PUBLIC	8/21/2007		5,857	0.10	AS
Culverts	**Drop Inlets**	**Gates**	**Fire Hydrants**	**Curb & Gutter**	**Curb**	**PCR**
0	0	0	0	NO CURB AND GUTTER	NO CURB	POOR/45

* Lane miles are based on 11' lane widths

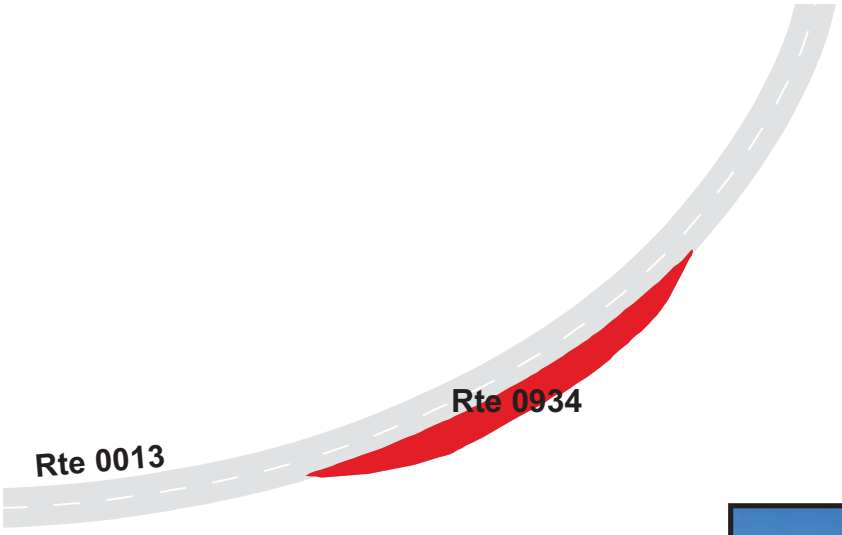


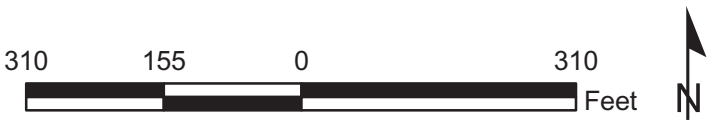
150 75 0 150
Feet

CRATER LAKE NATIONAL PARK
Route 0934
MOUNT SCOTT TRAIL PARKING
ADJACENT TO ROUTE 0013 (EAST RIM DRIVE) AT MP 10.97 (ON LEFT)

Route Number	Public / NonPublic	Date Visited		Area (sq ft)	Lane Miles *	Surface Type
0934	PUBLIC	8/21/2007		10,352	0.18	AS
Culverts	**Drop Inlets**	**Gates**	**Fire Hydrants**	**Curb & Gutter**	**Curb**	**PCR**
0	0	0	0	NO CURB AND GUTTER	NO CURB	FAIR/73

* Lane miles are based on 11' lane widths



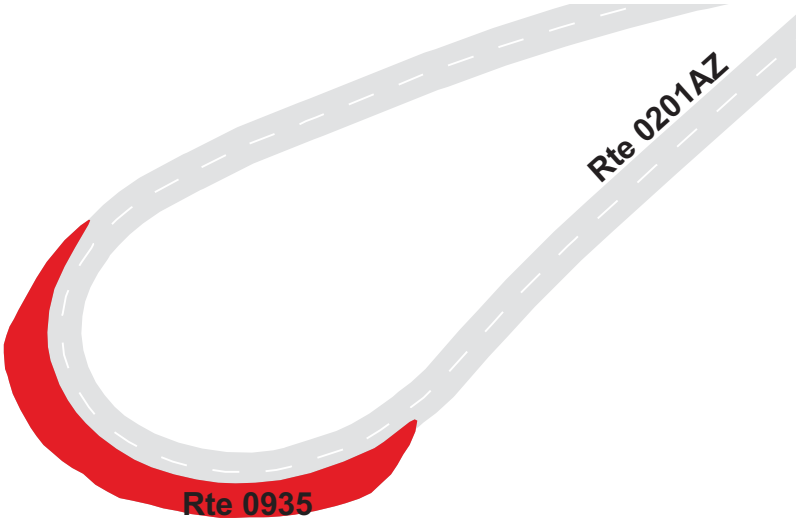


CRATER LAKE NATIONAL PARK
Route 0935
CLOUDCAP OVERLOOK

ADJACENT TO ROUTE 0201AZ (CLOUDCAP VIEWPOINT ROAD) AT MP 1.11 (ON RIGHT)

Route Number	Public / NonPublic	Date Visited		Area (sq ft)	Lane Miles *	Surface Type
0935	PUBLIC	8/21/2007		4,031	0.07	AS
Culverts	**Drop Inlets**	**Gates**	**Fire Hydrants**	**Curb & Gutter**	**Curb**	**PCR**
0	0	0	0	NO CURB AND GUTTER	STONE CURB	FAIR/73

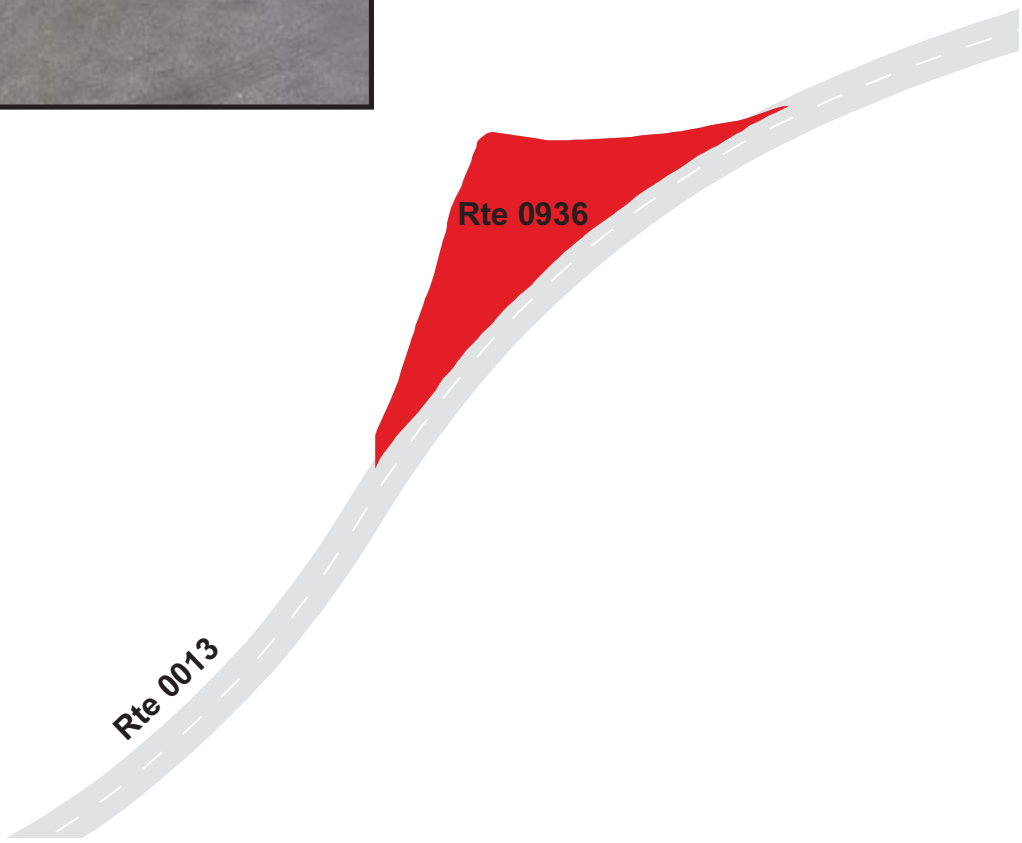
* Lane miles are based on 11' lane widths



CRATER LAKE NATIONAL PARK
Route 0936
PUMICE CASTLE
ADJACENT TO ROUTE 0013 (EAST RIM DRIVE) AT MP 12.37 (ON RIGHT)

Route Number	Public / NonPublic	Date Visited		Area (sq ft)	Lane Miles *	Surface Type
0936	PUBLIC	8/21/2007		15,834	0.27	AS
Culverts	**Drop Inlets**	**Gates**	**Fire Hydrants**	**Curb & Gutter**	**Curb**	**PCR**
0	1	0	0	NO CURB AND GUTTER	STONE CURB	GOOD/90

* Lane miles are based on 11' lane widths

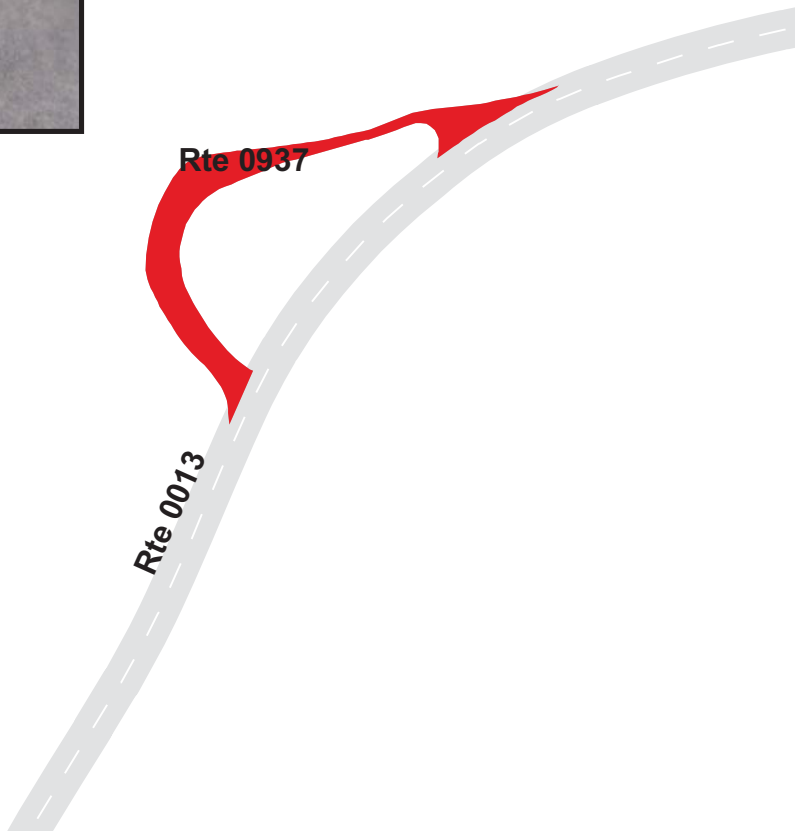


210 105 0 210
Feet

CRATER LAKE NATIONAL PARK
Route 0937
CASTLE ROCK OVERLOOK
FROM ROUTE 0013 (EAST RIM DRIVE) AT MP 12.60 (ON RIGHT)
TO ROUTE 0013 (EAST RIM DRIVE) AT MP 12.67 (ON RIGHT)

Route Number	Public / NonPublic	Date Visited		Area (sq ft)	Lane Miles *	Surface Type
0937	PUBLIC	8/21/2007		11,850	0.20	AS
Culverts	**Drop Inlets**	**Gates**	**Fire Hydrants**	**Curb & Gutter**	**Curb**	**PCR**
0	0	0	0	NO CURB AND GUTTER	STONE CURB	FAIR/73

* Lane miles are based on 11' lane widths

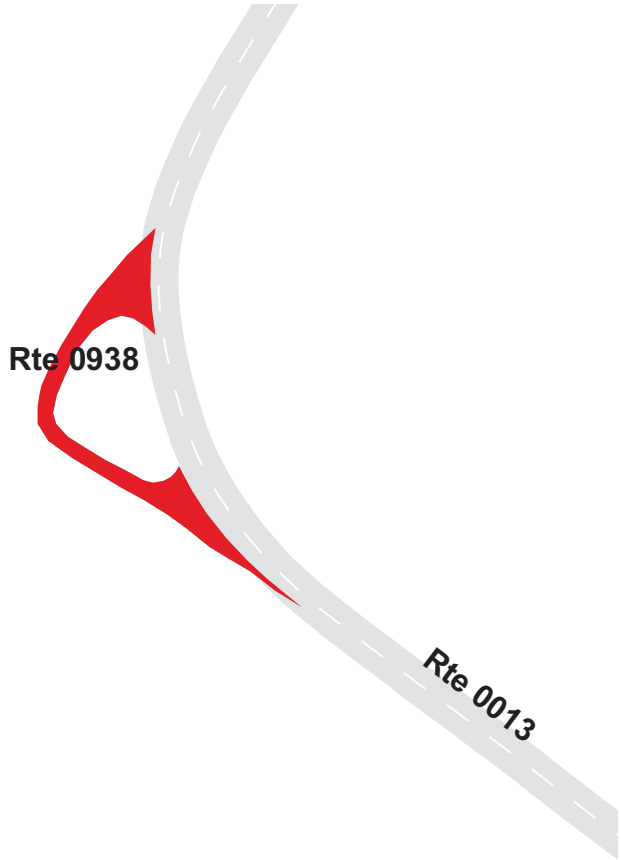


260 130 0 260
Feet

CRATER LAKE NATIONAL PARK
Route 0938
SENTINEL POINT OVERLOOK
FROM ROUTE 0013 (EAST RIM DRIVE) AT MP 12.81 (ON RIGHT)
TO ROUTE 0013 (EAST RIM DRIVE) AT MP 12.87 (ON RIGHT)

Route Number	Public / NonPublic	Date Visited		Area (sq ft)	Lane Miles *	Surface Type
0938	PUBLIC	8/21/2007		12,520	0.22	AS
Culverts	**Drop Inlets**	**Gates**	**Fire Hydrants**	**Curb & Gutter**	**Curb**	**PCR**
0	0	0	0	NO CURB AND GUTTER	STONE CURB	POOR/45

* Lane miles are based on 11' lane widths

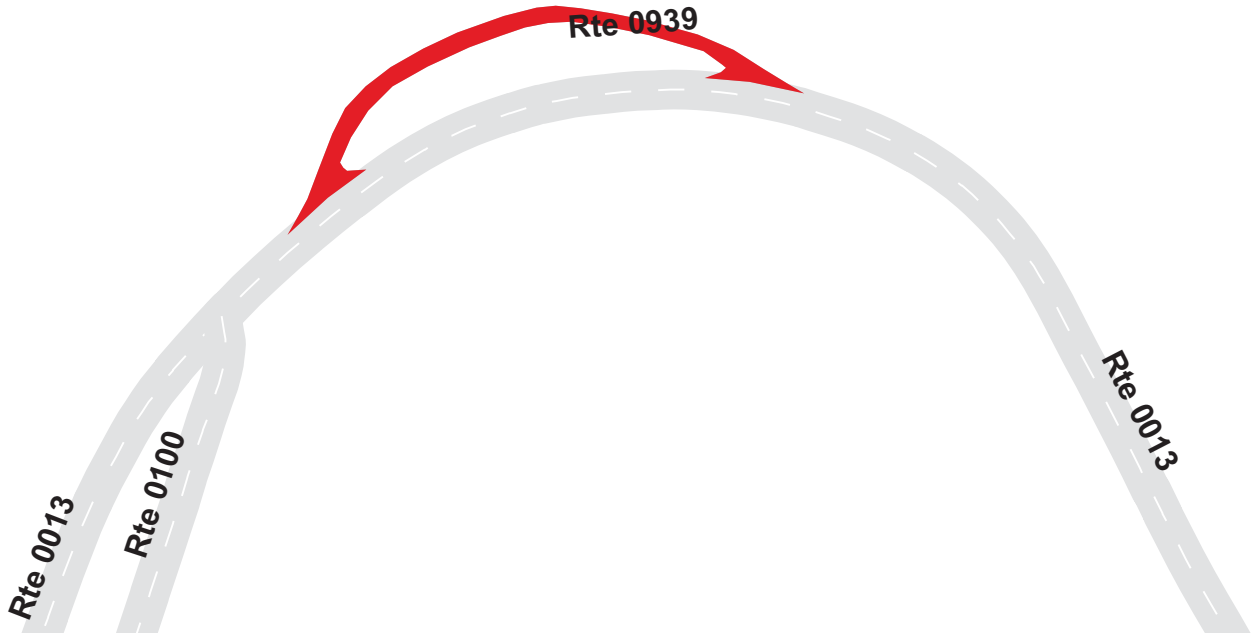


310 155 0 310
Feet

CRATER LAKE NATIONAL PARK
Route 0939
PHANTOM SHIP OVERLOOK
FROM ROUTE 0013 (EAST RIM DRIVE) AT MP 14.77 (ON RIGHT)
TO ROUTE 0013 (EAST RIM DRIVE) AT MP 14.86 (ON RIGHT)

Route Number	Public / NonPublic	Date Visited		Area (sq ft)	Lane Miles *	Surface Type
0939	PUBLIC	8/21/2007		36,772	0.63	AS
Culverts	**Drop Inlets**	**Gates**	**Fire Hydrants**	**Curb & Gutter**	**Curb**	**PCR**
0	0	0	0	NO CURB AND GUTTER	STONE CURB	FAIR/73

* Lane miles are based on 11' lane widths

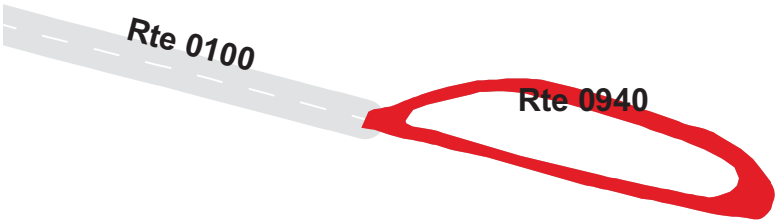


520 260 0 520
Feet

CRATER LAKE NATIONAL PARK
Route 0940
THE PINNACLES OVERLOOK
FROM ROUTE 0100 (PINNACLES ROAD) AT END
TO PARKING

Route Number	Public / NonPublic	Date Visited		Area (sq ft)	Lane Miles *	Surface Type
0940	PUBLIC	8/21/2007		13,662	0.24	AS
Culverts	**Drop Inlets**	**Gates**	**Fire Hydrants**	**Curb & Gutter**	**Curb**	**PCR**
0	0	0	0	NO CURB AND GUTTER	NO CURB	POOR/45

* Lane miles are based on 11' lane widths

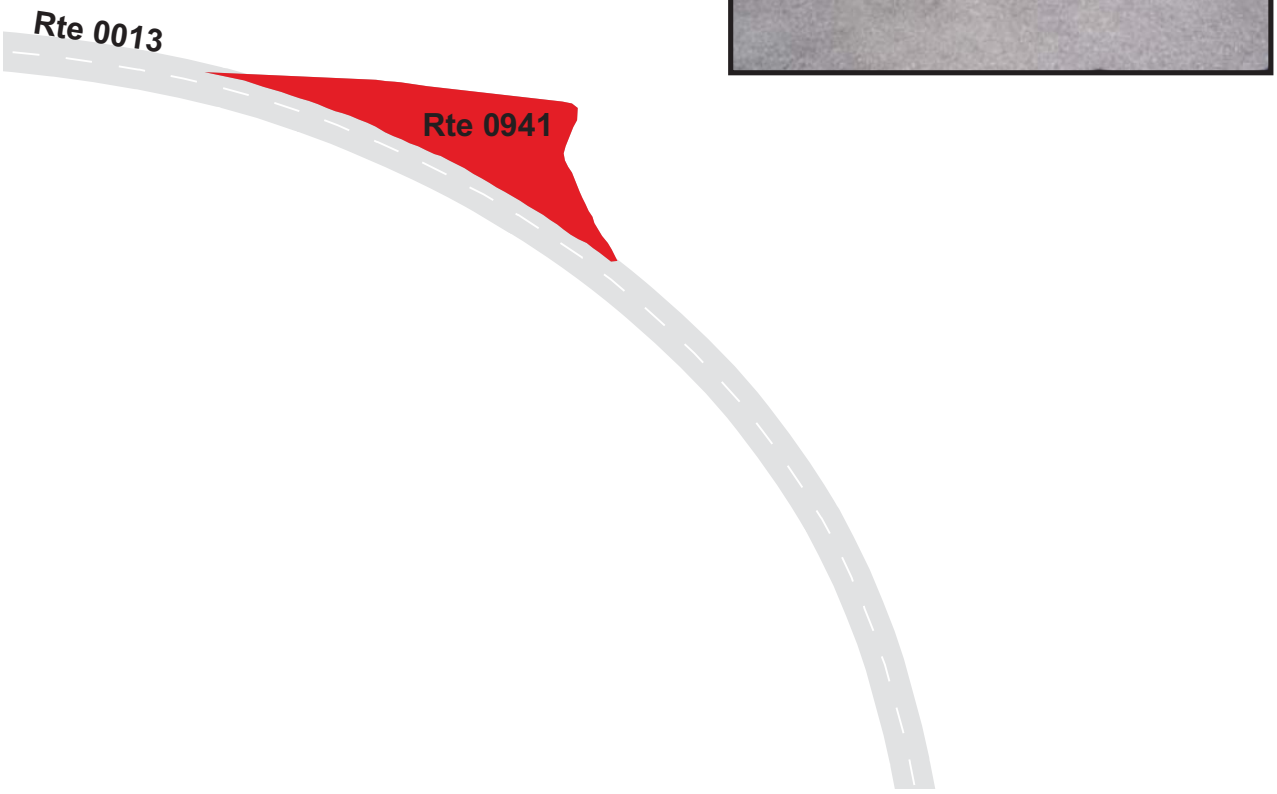


310 155 0 310
Feet

CRATER LAKE NATIONAL PARK
Route 0941
SUN NOTCH PARKING
ADJACENT TO ROUTE 0013 (EAST RIM DRIVE) AT MP 18.84 (ON RIGHT)

Route Number	Public / NonPublic	Date Visited		Area (sq ft)	Lane Miles *	Surface Type
0941	PUBLIC	8/21/2007		10,942	0.19	AS
Culverts	**Drop Inlets**	**Gates**	**Fire Hydrants**	**Curb & Gutter**	**Curb**	**PCR**
0	0	0	0	NO CURB AND GUTTER	NO CURB	GOOD/90

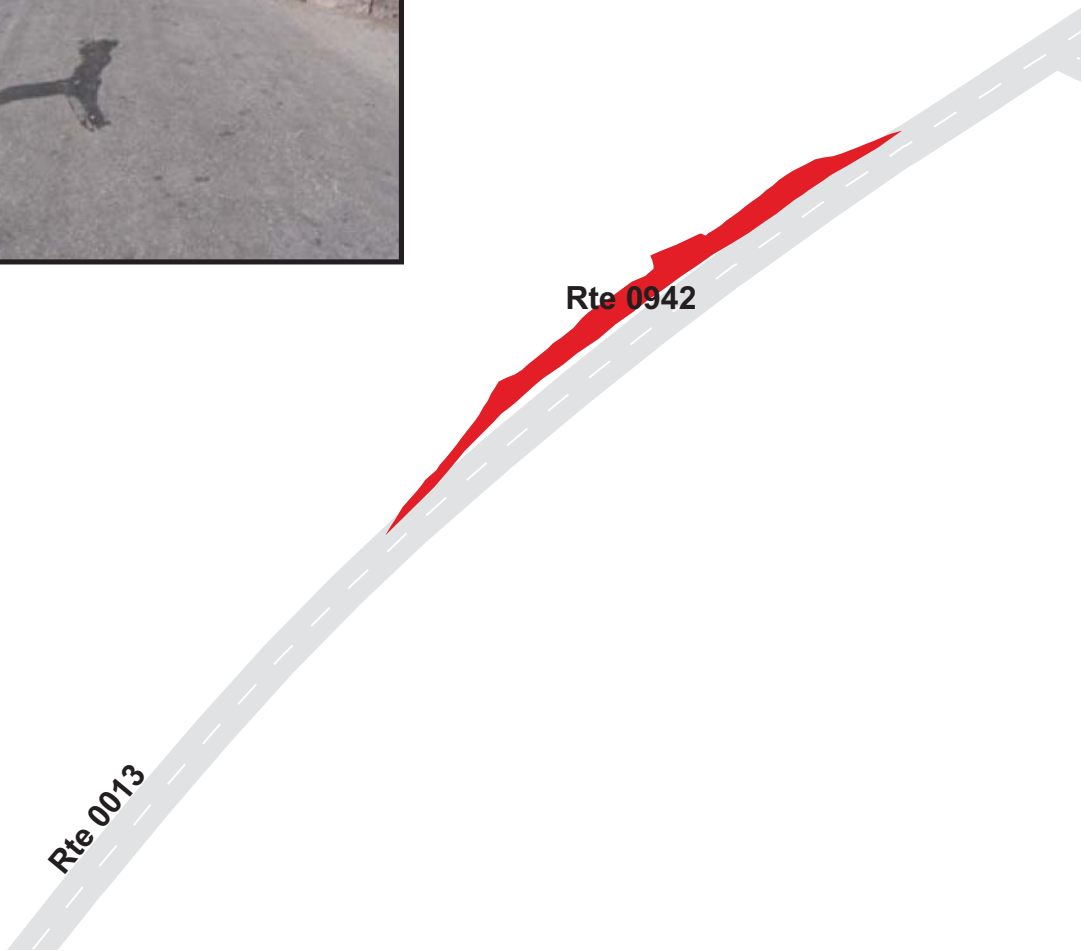
* Lane miles are based on 11' lane widths



CRATER LAKE NATIONAL PARK
Route 0942
VIDAE FALLS PARKING
ADJACENT TO ROUTE 0013 (EAST RIM DRIVE) AT MP 20.21 (ON RIGHT)

Route Number	Public / NonPublic	Date Visited		Area (sq ft)	Lane Miles *	Surface Type
0942	PUBLIC	8/21/2007		3,387	0.06	AS
Culverts	**Drop Inlets**	**Gates**	**Fire Hydrants**	**Curb & Gutter**	**Curb**	**PCR**
0	0	0	0	NO CURB AND GUTTER	STONE CURB	FAIR/73

* Lane miles are based on 11' lane widths



150 75 0 150
Feet

CRATER LAKE NATIONAL PARK
Route 0943
CRATER PEAK TRAIL PARKING
FROM ROUTE 0204 (VIDAE FALLS PICNIC AREA) AT END
TO PARKING

Route Number	Public / NonPublic	Date Visited		Area (sq ft)	Lane Miles *	Surface Type
0943	PUBLIC	8/21/2007		10,852	0.19	AS
Culverts	**Drop Inlets**	**Gates**	**Fire Hydrants**	**Curb & Gutter**	**Curb**	**PCR**
0	0	0	0	NO CURB AND GUTTER	NO CURB	EXCELLENT/97

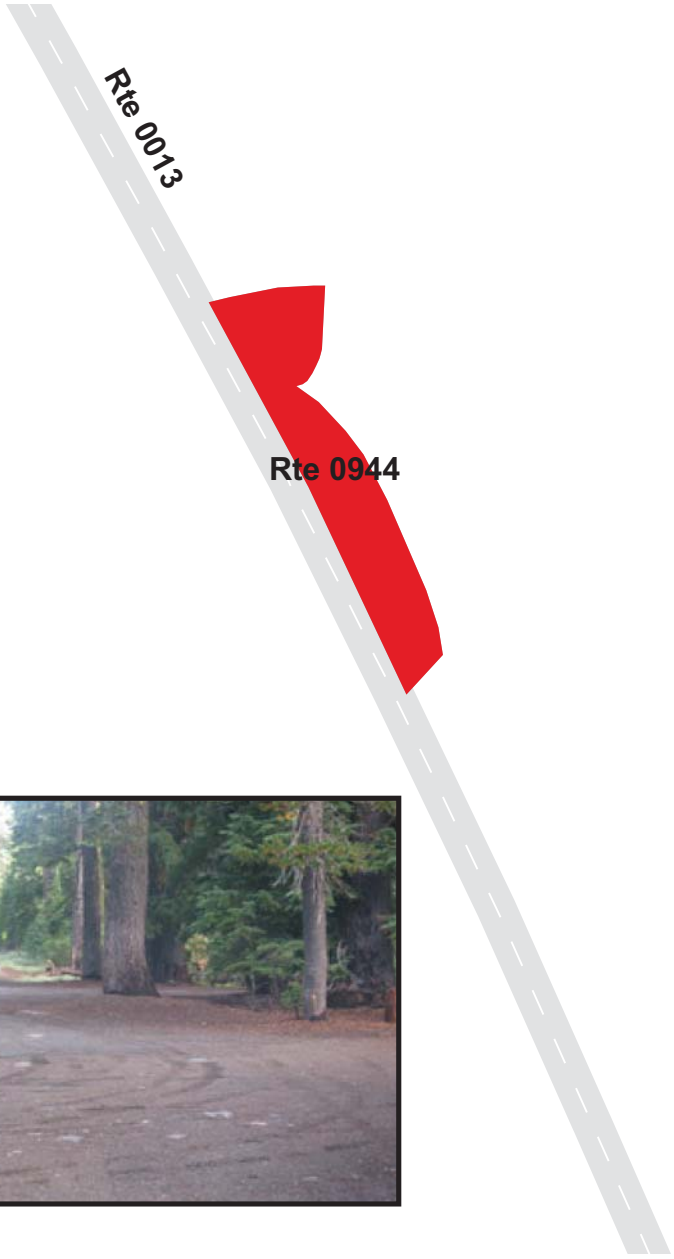
* Lane miles are based on 11' lane widths

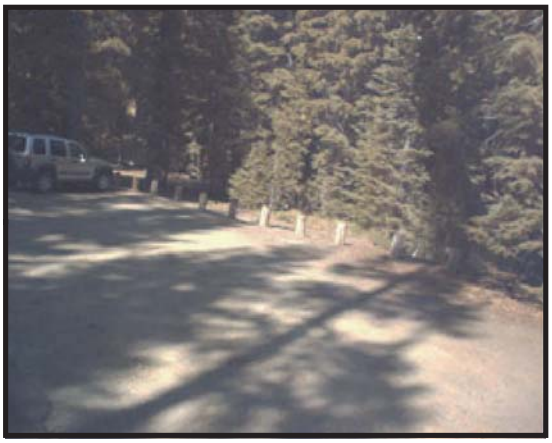
190 95 0 190
Feet

CRATER LAKE NATIONAL PARK
Route 0944
CASTLE CREST PARKING
ADJACENT TO ROUTE 0013 (EAST RIM DRIVE) AT MP 22.85 (ON RIGHT)

Route Number	Public / NonPublic	Date Visited		Area (sq ft)	Lane Miles *	Surface Type
0944	PUBLIC	8/21/2007		1,095	0.02	AS
Culverts	**Drop Inlets**	**Gates**	**Fire Hydrants**	**Curb & Gutter**	**Curb**	**PCR**
0	0	0	0	NO CURB AND GUTTER	NO CURB	POOR/45

* Lane miles are based on 11' lane widths





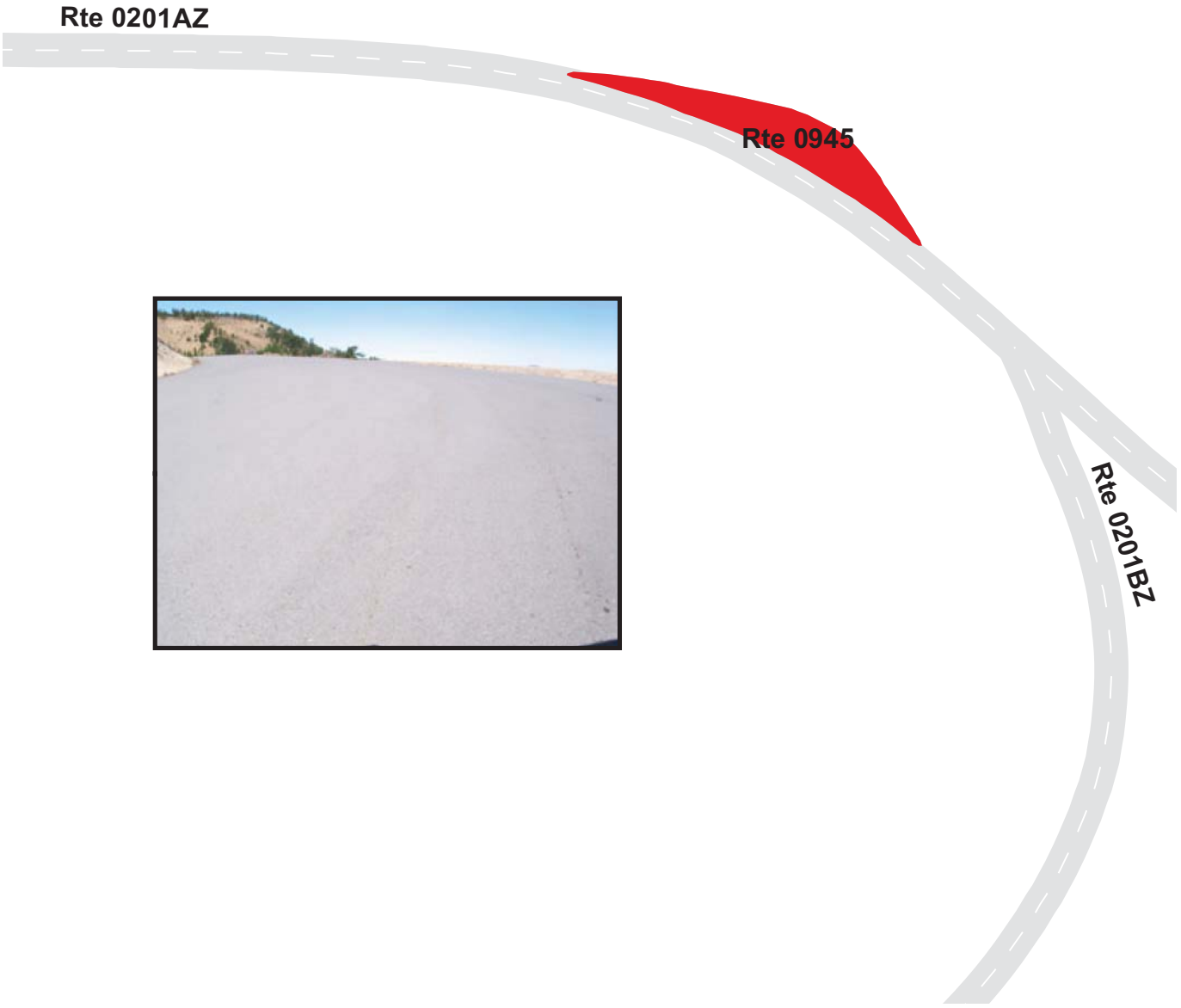
40 20 0 40
Feet

N

CRATER LAKE NATIONAL PARK
Route 0945
MOUNT SCOTT OVERLOOK
ADJACENT TO ROUTE 0201AZ (CLOUDCAP VIEWPOINT ROAD) AT MP 0.26 (ON RIGHT)

Route Number	Public / NonPublic	Date Visited		Area (sq ft)	Lane Miles *	Surface Type
0945	PUBLIC	8/21/2007		7,356	0.13	AS
Culverts	**Drop Inlets**	**Gates**	**Fire Hydrants**	**Curb & Gutter**	**Curb**	**PCR**
0	0	0	0	NO CURB AND GUTTER	NO CURB	GOOD/90

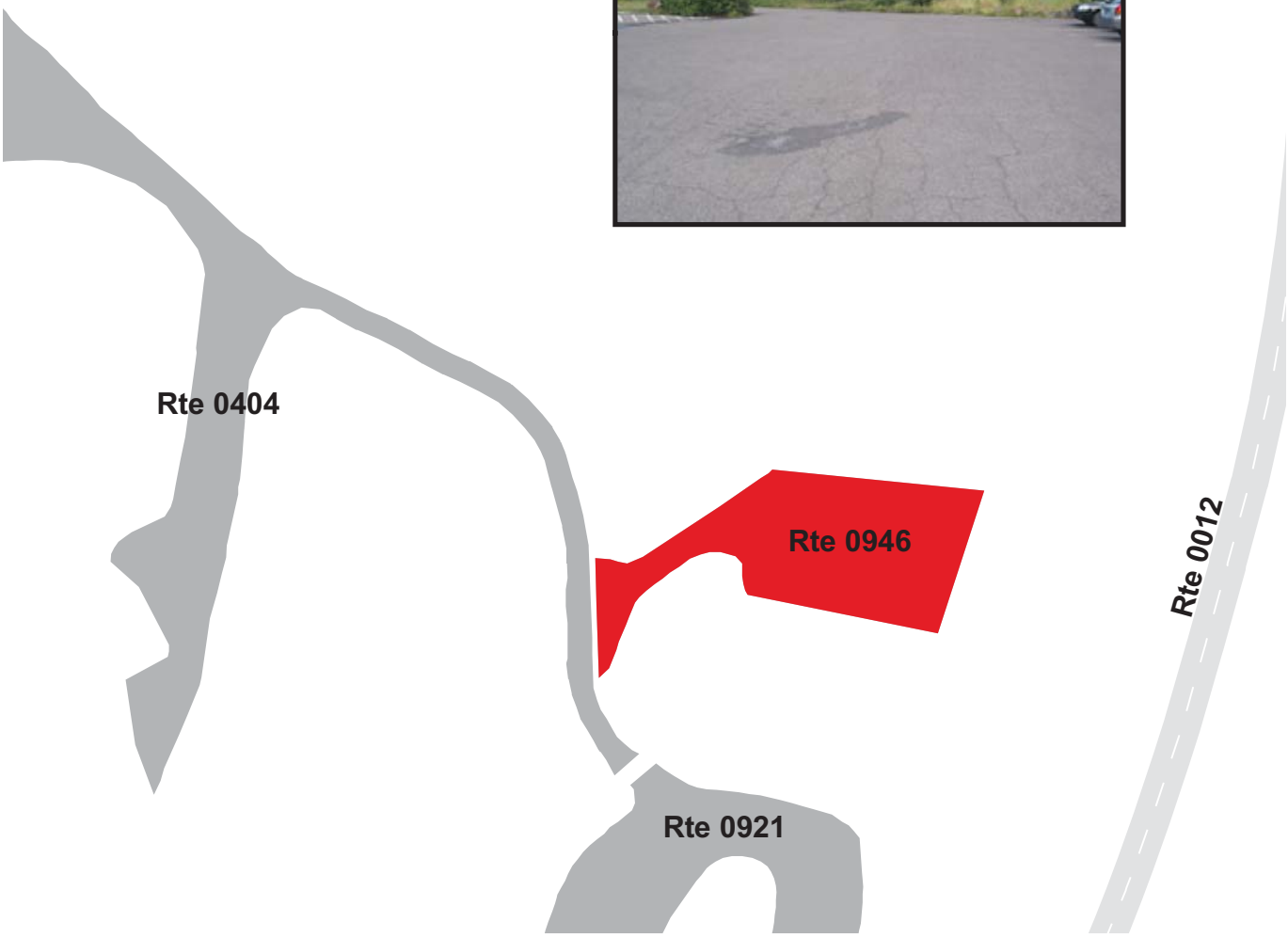
* Lane miles are based on 11' lane widths



CRATER LAKE NATIONAL PARK
Route 0946
ADMINISTRATION PARKING
FROM ROUTE 0404 (HEADQUARTERS RESIDENCE ROAD) NEAR ROUTE 0921
TO PARKING

Route Number	Public / NonPublic	Date Visited		Area (sq ft)	Lane Miles *	Surface Type
0946	NONPUBLIC	8/21/2007		10,795	0.19	AS
Culverts	**Drop Inlets**	**Gates**	**Fire Hydrants**	**Curb & Gutter**	**Curb**	**PCR**
0	0	0	1	NO CURB AND GUTTER	STONE CURB	POOR/45

* Lane miles are based on 11' lane widths

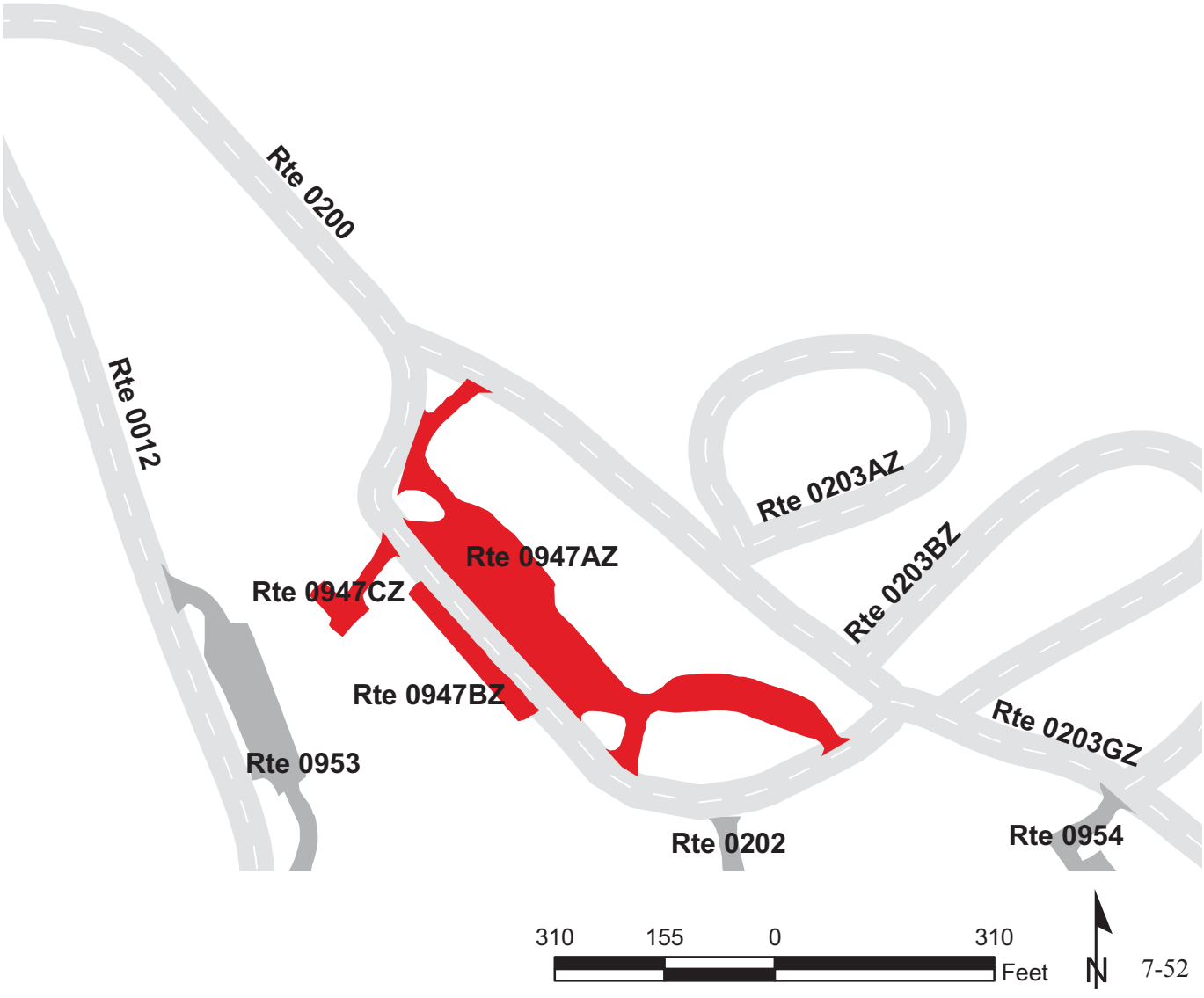


CRATER LAKE NATIONAL PARK
Route 0947ZZ
MAZAMA STORE PARKING AREAS
FROM ROUTE 0200 (MAZAMA CAMPGROUND ACCESS ROAD) AT MP 0.15 (ON LEFT)
TO ROUTE 0200 (MAZAMA CAMPGROUND ACCESS ROAD) AT MP 0.45 (ON LEFT)

Summary Record

Route Number	Public / NonPublic	Date Visited		Area (sq ft)	Lane Miles *	Surface Type
0947ZZ	PUBLIC	8/21/2007		50,495	0.87	AS
Culverts	**Drop Inlets**	**Gates**	**Fire Hydrants**	**Curb & Gutter**	**Curb**	**PCR**
0	2	0	1	NO CURB AND GUTTER	CONCRETE & WOOD CURB	SUMMARY/76.66

* Lane miles are based on 11' lane widths



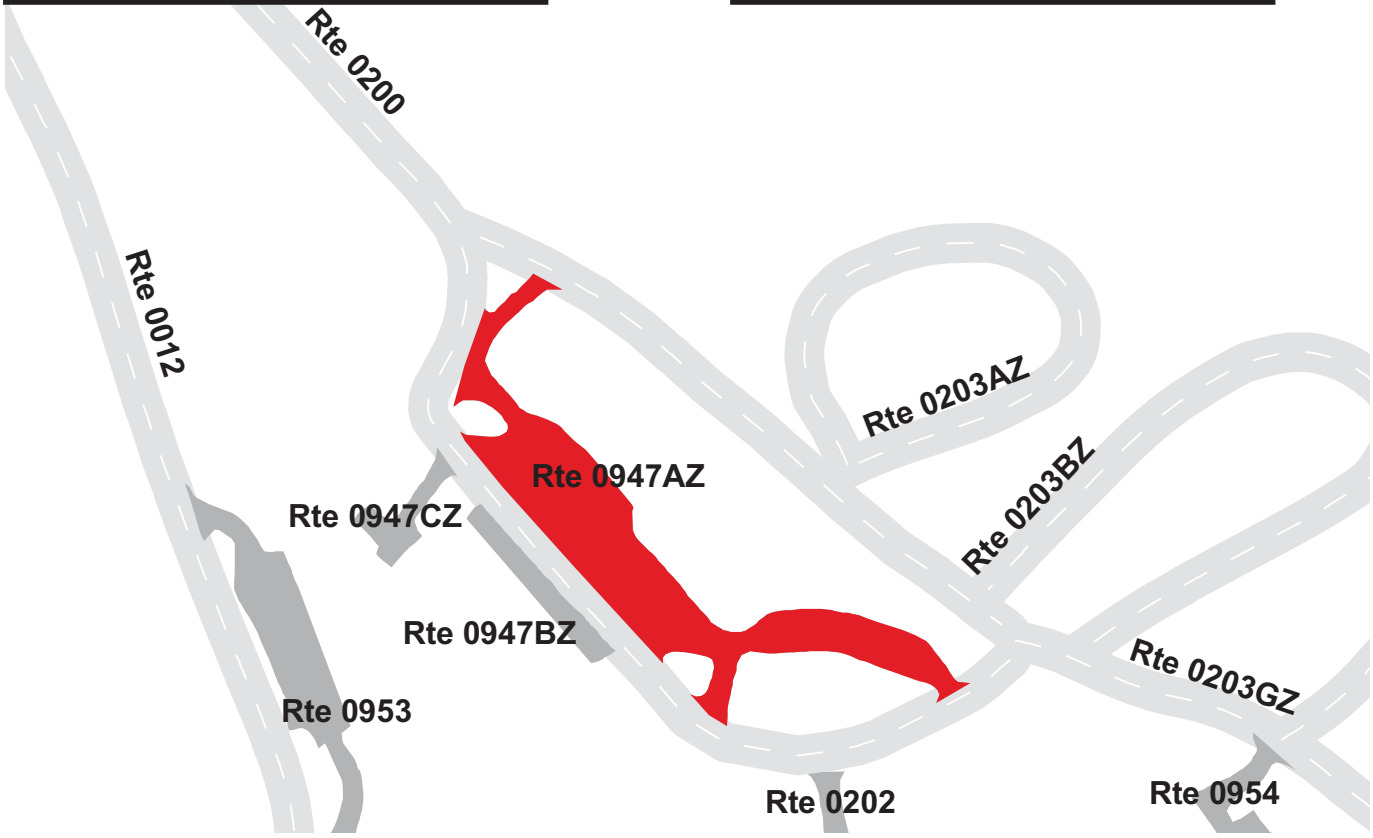
CRATER LAKE NATIONAL PARK
Route 0947AZ
MAZAMA VILLAGE STORE PARKING A

FROM ROUTE 0200 (MAZAMA CAMPGROUND ACCESS ROAD) AT MP 0.15 (ON LEFT)
TO ROUTE 0200 (MAZAMA CAMPGROUND ACCESS ROAD) AT MP 0.45 (ON LEFT)

Subcomponent Record

Route Number	Public / NonPublic	Date Visited		Area (sq ft)	Lane Miles *	Surface Type
0947AZ	PUBLIC	8/21/2007		41,703	0.72	AS
Culverts	**Drop Inlets**	**Gates**	**Fire Hydrants**	**Curb & Gutter**	**Curb**	**PCR**
0	2	0	1	NO CURB AND GUTTER	NO CURB	FAIR/73

* Lane miles are based on 11' lane widths



CRATER LAKE NATIONAL PARK
Route 0947BZ
MAZAMA VILLAGE STORE PARKING B
FROM ROUTE 0200 (MAZAMA CAMPGROUND ACCESS ROAD) AT MP 0.22 (ON RIGHT)
TO PARKING
Subcomponent Record

Route Number	Public / NonPublic	Date Visited		Area (sq ft)	Lane Miles *	Surface Type
0947BZ	PUBLIC	8/21/2007		5,040	0.09	AS
Culverts	**Drop Inlets**	**Gates**	**Fire Hydrants**	**Curb & Gutter**	**Curb**	**PCR**
0	0	0	0	NO CURB AND GUTTER	CONCRETE CURB	EXCELLENT/97

* Lane miles are based on 11' lane widths

CRATER LAKE NATIONAL PARK
Route 0947CZ
MAZAMA VILLAGE STORE PARKING C
FROM ROUTE 0200 (MAZAMA CAMPGROUND ACCESS ROAD) AT MP 0.18 (ON RIGHT)
TO PARKING
Subcomponent Record

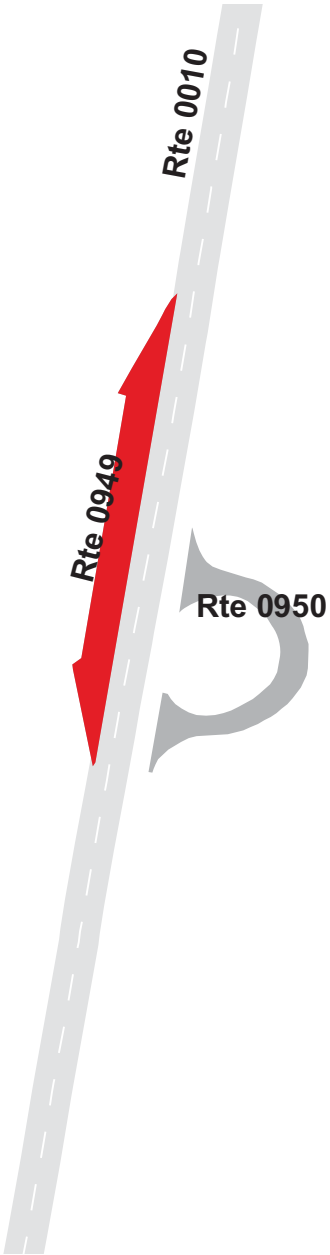
Route Number	Public / NonPublic	Date Visited		Area (sq ft)	Lane Miles *	Surface Type
0947CZ	PUBLIC	8/21/2007		3,752	0.07	AS
Culverts	**Drop Inlets**	**Gates**	**Fire Hydrants**	**Curb & Gutter**	**Curb**	**PCR**
0	0	0	0	NO CURB AND GUTTER	WOOD CURB	GOOD/90

* Lane miles are based on 11' lane widths

CRATER LAKE NATIONAL PARK
Route 0949
NORTH ENTRANCE RESTROOM PARKING
ADJACENT TO ROUTE 0010 (NORTH ENTRANCE ROAD) AT MP 8.31 (ON LEFT)

Route Number	Public / NonPublic	Date Visited		Area (sq ft)	Lane Miles *	Surface Type
0949	PUBLIC	8/21/2007		4,721	0.08	AS
Culverts	**Drop Inlets**	**Gates**	**Fire Hydrants**	**Curb & Gutter**	**Curb**	**PCR**
0	0	0	0	NO CURB AND GUTTER	CONCRETE CURB	GOOD/90

* Lane miles are based on 11' lane widths



190 95 0 190
Feet

CRATER LAKE NATIONAL PARK
Route 0950
NORTH ENTRANCE TURNAROUND
FROM ROUTE 0010 (NORTH ENTRANCE ROAD) AT MP 8.29 (ON RIGHT)
TO ROUTE 0010 (NORTH ENTRANCE ROAD) AT MP 8.31 (ON RIGHT)

Route Number	Public / NonPublic	Date Visited		Area (sq ft)	Lane Miles *	Surface Type
0950	PUBLIC	8/21/2007		3,373	0.06	AS
Culverts	**Drop Inlets**	**Gates**	**Fire Hydrants**	**Curb & Gutter**	**Curb**	**PCR**
0	0	0	0	NO CURB AND GUTTER	NO CURB	GOOD/90

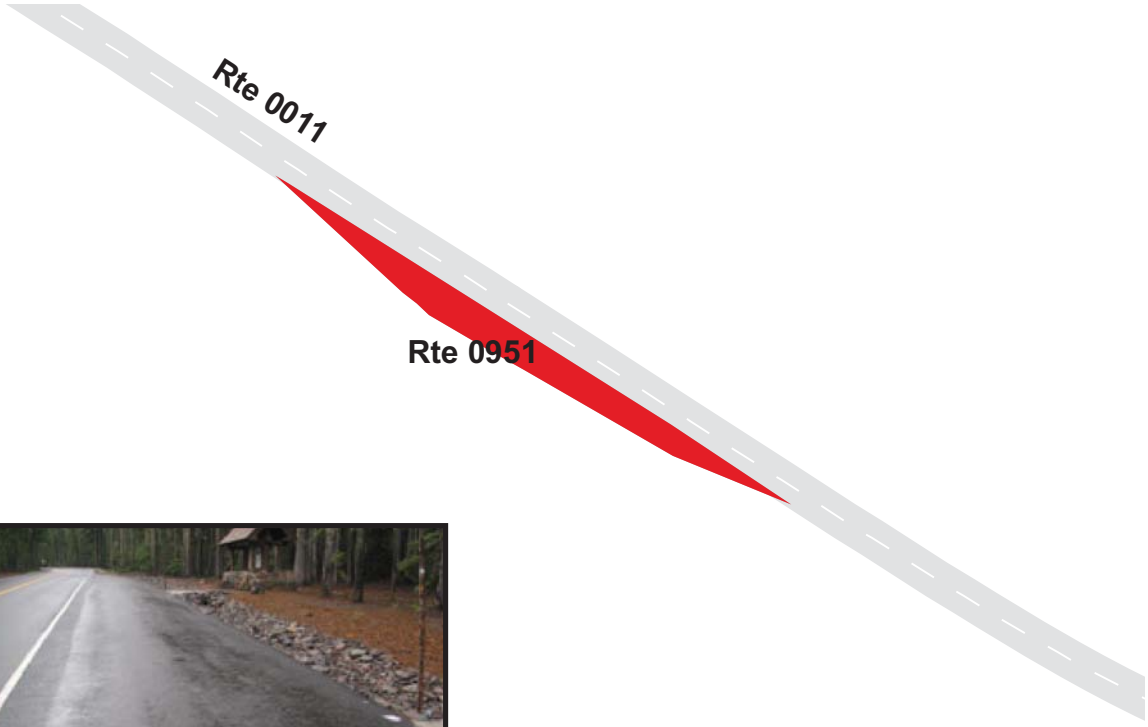
* Lane miles are based on 11' lane widths

120 60 0 120
Feet

CRATER LAKE NATIONAL PARK
Route 0951
WEST ENTRANCE PARKING AREA
ADJACENT TO ROUTE 0011 (CRATER LAKE HIGHWAY) AT MP 1.00 (ON RIGHT)

Route Number	Public / NonPublic	Date Visited		Area (sq ft)	Lane Miles *	Surface Type
0951	PUBLIC	8/21/2007		3,621	0.06	AS
Culverts	**Drop Inlets**	**Gates**	**Fire Hydrants**	**Curb & Gutter**	**Curb**	**PCR**
2	0	0	0	NO CURB AND GUTTER	NO CURB	GOOD/90

* Lane miles are based on 11' lane widths

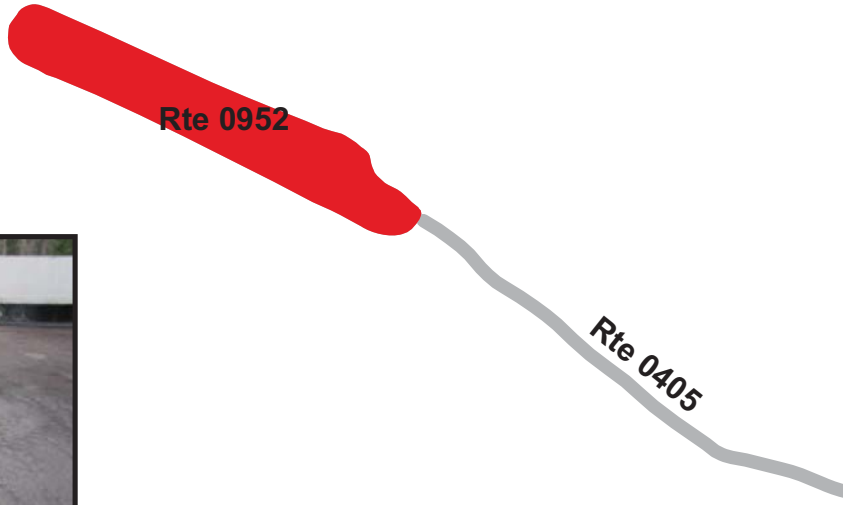


CRATER LAKE NATIONAL PARK
Route 0952
SOUTH MAINTENANCE YARD

FROM ROUTE 0405 (SOUTH MAINTENANCE YARD ACCESS ROAD) AT END TO PARKING

Route Number	Public / NonPublic	Date Visited		Area (sq ft)	Lane Miles *	Surface Type
0952	NONPUBLIC	8/21/2007		39,216	0.68	AS
Culverts	**Drop Inlets**	**Gates**	**Fire Hydrants**	**Curb & Gutter**	**Curb**	**PCR**
0	0	0	0	NO CURB AND GUTTER	NO CURB	POOR/45

* Lane miles are based on 11' lane widths



380 190 0 380
Feet

N

CRATER LAKE NATIONAL PARK
Route 0953

ANNIE CREEK RESTAURANT PARKING

FROM ROUTE 0012 (MUNSON VALLEY ROAD) AT MP 0.07 (ON RIGHT)
TO ROUTE 0012 (MUNSON VALLEY ROAD) AT MP 0.15 (ON RIGHT)

Route Number	Public / NonPublic	Date Visited		Area (sq ft)	Lane Miles *	Surface Type
0953	PUBLIC	8/21/2007		17,648	0.30	AS
Culverts	**Drop Inlets**	**Gates**	**Fire Hydrants**	**Curb & Gutter**	**Curb**	**PCR**
0	0	0	1	NO CURB AND GUTTER	CONCRETE CURB	GOOD/90

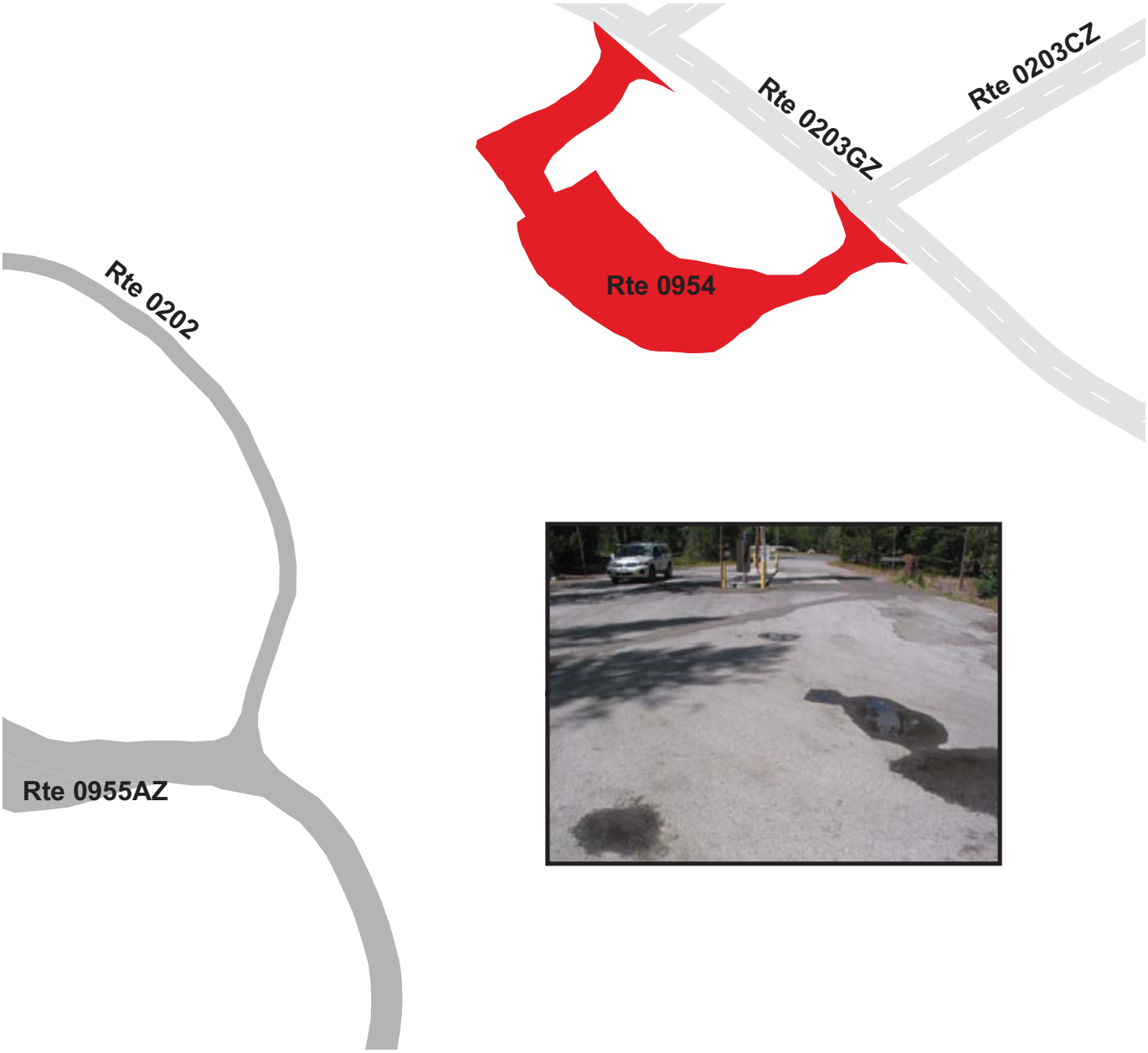
* Lane miles are based on 11' lane widths

CRATER LAKE NATIONAL PARK
Route 0954
MAZAMA DUMP STATION

FROM ROUTE 0203GZ (MAZAMA CAMPGROUND LOOP G) AT MP 0.04 (ON RIGHT)
TO ROUTE 0203GZ (MAZAMA CAMPGROUND LOOP G) AT MP 0.07 (ON RIGHT)

Route Number	Public / NonPublic	Date Visited		Area (sq ft)	Lane Miles *	Surface Type
0954	PUBLIC	8/21/2007		11,938	0.21	AS
Culverts	**Drop Inlets**	**Gates**	**Fire Hydrants**	**Curb & Gutter**	**Curb**	**PCR**
0	0	0	0	NO CURB AND GUTTER	NO CURB	POOR/45

* Lane miles are based on 11' lane widths



CRATER LAKE NATIONAL PARK
Route 0955ZZ
MOTOR LODGE PARKING AREAS
FROM ROUTE 0202 (MAZAMA MOTOR LODGE) NEAR START
TO ROUTE 0202 (MAZAMA MOTOR LODGE) NEAR LOOP END
Summary Record

Route Number	Public / NonPublic	Date Visited		Area (sq ft)	Lane Miles *	Surface Type
0955ZZ	PUBLIC	8/21/2007		17,733	0.31	AS
Culverts	**Drop Inlets**	**Gates**	**Fire Hydrants**	**Curb & Gutter**	**Curb**	**PCR**
0	0	0	1	NO CURB AND GUTTER	ASPHALT CURB	SUMMARY/90

* Lane miles are based on 11' lane widths

CRATER LAKE NATIONAL PARK
Route 0955AZ
MOTOR LODGE PARKING A
ADJACENT TO ROUTE 0202 (MAZAMA MOTOR LODGE) NEAR START

Subcomponent Record

Route Number	Public / NonPublic	Date Visited		Area (sq ft)	Lane Miles *	Surface Type
0955AZ	PUBLIC	8/21/2007		9,924	0.17	AS
Culverts	**Drop Inlets**	**Gates**	**Fire Hydrants**	**Curb & Gutter**	**Curb**	**PCR**
0	0	0	0	NO CURB AND GUTTER	ASPHALT CURB	GOOD/90

* Lane miles are based on 11' lane widths

CRATER LAKE NATIONAL PARK
Route 0955BZ
MOTOR LODGE PARKING B

ADJACENT TO ROUTE 0202 (MAZAMA MOTOR LODGE) NEAR LOOP END

Subcomponent Record

Route Number	Public / NonPublic	Date Visited		Area (sq ft)	Lane Miles *	Surface Type
0955BZ	PUBLIC	8/21/2007		7,809	0.13	AS
Culverts	**Drop Inlets**	**Gates**	**Fire Hydrants**	**Curb & Gutter**	**Curb**	**PCR**
0	0	0	1	NO CURB AND GUTTER	ASPHALT CURB	GOOD/90

* Lane miles are based on 11' lane widths

Crater Lake National Park

Section 8
Parkwide / Route Maintenance Features Summaries

CRLA: PARKWIDE MAINTENANCE FEATURES SUMMARY

Notice: Culverts and drop inlets were marked by NPS and inventoried by RIP in Cycle 4, therefore the culvert and drop inlet count below includes those on ARAN-driven routes, Manually Rated Routes and in Paved Parking Areas.

FEATURE	LINEAR FEET	COUNT
BARRIER	14,536	--
BOLLARD	259	--
BRIDGE	--	2
CABLE	0	--
CATTLE GUARD	--	0
CULVERT	--	276
CURB	10,581	--
DROP INLET	--	25
FIRE HYDRANT	--	19
GATE	--	8
GUARD/GUIDE RAIL	4,050	--
GUARD/GUIDE WALL	10,486	--
INTERSECTION	--	218
LOW WATER CROSSING	11	1
MILE MARKER	--	0
OVERPASS	--	0
OVERHEAD SIGN	--	0
PARK BOUNDARY	--	3
PAVED DITCH	3,912	--
PULLOUT	--	72
RAILROAD CROSSING	--	0
RETAINING WALL	--	21
SIGN	--	353
STATE BOUNDARY	--	0
TEMPORARY BARRIER	0	--
TRAFFIC LIGHT	--	0
TUNNEL	--	0
TURNOUT	0	--

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
BARRIER	0	3,015	876	8,775	1,869	0	LINEAR FEET
BOLLARD	0	0	11	248	0	0	LINEAR FEET
BRIDGE	0	0	2	0	0	0	EACH
CABLE	0	0	0	0	0	0	LINEAR FEET
CATTLE GUARD	0	0	0	0	0	0	EACH
CULVERT	20	49	48	91	30	7	EACH
CURB	116	1,616	7,719	58	1,072	0	LINEAR FEET
DROP INLET	0	0	6	5	0	0	EACH
FIRE HYDRANT	0	0	3	0	0	0	EACH
GATE	1	0	1	2	2	0	EACH
GUARD/GUIDE RAIL	0	3,015	829	206	0	0	LINEAR FEET
GUARD/GUIDE WALL	0	0	48	8,569	1,869	0	LINEAR FEET
INTERSECTION	9	18	28	34	12	7	EACH
LOW WATER CROSSING	0	0	0	0	0	0	EACH
LOW WATER CROSSING	0	0	0	0	0	0	LINEAR FEET
MILE MARKER	0	0	0	0	0	0	EACH
OVERHEAD SIGN	0	0	0	0	0	0	EACH
OVERPASS	0	0	0	0	0	0	EACH
PARK BOUNDARY	1	2	0	0	0	0	EACH
PAVED DITCH	0	0	201	3,712	0	0	LINEAR FEET
PULLOUT	4	13	22	25	8	0	EACH
RAILROAD CROSSING	0	0	0	0	0	0	EACH
RETAINING WALL	0	0	1	14	6	0	EACH
SIGN	25	73	90	64	13	16	EACH
STATE BOUNDARY	0	0	0	0	0	0	EACH
TEMPORARY BARRIER	0	0	0	0	0	0	LINEAR FEET
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

Notice: Culverts and drop inlets were marked by NPS and inventoried by RIP in Cycle 4, therefore the culvert and drop inlet count above includes those on ARAN-driven routes, Manually Rated Routes and in Paved Parking Areas.

CRLA: ROUTE MAINTENANCE FEATURES SUMMARY

FEATURE	ROUTE 0200 MAZAMA CAMPGROUND ACCESS ROAD	ROUTE 0201ZZ CLOUDCAP VIEWPOINT ROADS	ROUTE 0203ZZ MAZAMA CAMPGROUND ROADS	ROUTE 0204 VIDAE FALLS PICNIC AREA	ROUTE 0400 MAZAMA DORMITORIES	ROUTE 0401ZZ HEADQUARTERS RESIDENCE AREA ROADS	UNIT
BARRIER	0	0	0	0	0	0	LINEAR FEET
BOLLARD	0	0	0	0	0	0	LINEAR FEET
BRIDGE	0	0	0	0	0	0	EACH
CABLE	0	0	0	0	0	0	LINEAR FEET
CATTLE GUARD	0	0	0	0	0	0	EACH
CULVERT	0	5	5	1	1	9	EACH
CURB	0	0	0	0	0	0	LINEAR FEET
DROP INLET	0	0	0	0	0	0	EACH
FIRE HYDRANT	0	0	0	0	2	1	EACH
GATE	0	0	0	0	0	0	EACH
GUARD/GUIDE RAIL	0	0	0	0	0	0	LINEAR FEET
GUARD/GUIDE WALL	0	0	0	0	0	0	LINEAR FEET
INTERSECTION	18	12	43	5	9	20	EACH
LOW WATER CROSSING	0	0	0	0	1	0	EACH
LOW WATER CROSSING	0	0	0	0	11	0	LINEAR FEET
MILE MARKER	0	0	0	0	0	0	EACH
OVERHEAD SIGN	0	0	0	0	0	0	EACH
OVERPASS	0	0	0	0	0	0	EACH
PARK BOUNDARY	0	0	0	0	0	0	EACH
PAVED DITCH	0	0	0	0	0	0	LINEAR FEET
PULLOUT	0	0	0	0	0	0	EACH
RAILROAD CROSSING	0	0	0	0	0	0	EACH
RETAINING WALL	0	0	0	0	0	0	EACH
SIGN	14	7	34	4	7	5	EACH
STATE BOUNDARY	0	0	0	0	0	0	EACH
TEMPORARY BARRIER	0	0	0	0	0	0	LINEAR FEET
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

Notice: Culverts and drop inlets were marked by NPS and inventoried by RIP in Cycle 4, therefore the culvert and drop inlet count above includes those on ARAN-driven routes, Manually Rated Routes and in Paved Parking Areas.

CRLA: ROUTE MAINTENANCE FEATURES SUMMARY

FEATURE	ROUTE 0403 CRATER LAKE LODGE RESIDENCE ROAD	UNIT
BARRIER	0	LINEAR FEET
BOLLARD	0	LINEAR FEET
BRIDGE	0	EACH
CABLE	0	LINEAR FEET
CATTLE GUARD	0	EACH
CULVERT	0	EACH
CURB	0	LINEAR FEET
DROP INLET	0	EACH
FIRE HYDRANT	1	EACH
GATE	0	EACH
GUARD/GUIDE RAIL	0	LINEAR FEET
GUARD/GUIDE WALL	0	LINEAR FEET
INTERSECTION	3	EACH
LOW WATER CROSSING	0	EACH
LOW WATER CROSSING	0	LINEAR FEET
MILE MARKER	0	EACH
OVERHEAD SIGN	0	EACH
OVERPASS	0	EACH
PARK BOUNDARY	0	EACH
PAVED DITCH	0	LINEAR FEET
PULLOUT	0	EACH
RAILROAD CROSSING	0	EACH
RETAINING WALL	0	EACH
SIGN	1	EACH
STATE BOUNDARY	0	EACH
TEMPORARY BARRIER	0	LINEAR FEET
TRAFFIC LIGHT	0	EACH
TUNNEL	0	EACH
TURNOUT	0	LINEAR FEET

Notice: Culverts and drop inlets were marked by NPS and inventoried by RIP in Cycle 4, therefore the culvert and drop inlet count above includes those on ARAN-driven routes, Manually Rated Routes and in Paved Parking Areas.

CRLA: STRUCTURE LIST

ROUTE NUMBER	FUNCTIONAL CLASS	MILEPOST START	MILEPOST END	FEATURE	STRUCTURE NUMBER
0012	1	0.47	0.493	BRIDGE	9320-001
0012	1	1.311	1.352	BRIDGE	9320-002

Crater Lake National Park

Section 9
Park Route Maintenance Features
Road Logs

CRLA: ROUTE MAINTENANCE FEATURES ROAD LOG

ROUTE 0010: NORTH ENTRANCE ROAD

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.000	0.000	ROUTE BEGIN	N/A	FROM THE INTERSECTION OF ROUTES 0013 AND 0014
0.000	0.000	INTERSECTION	RIGHT	ROUTE 0013 (EAST RIM DRIVE)
0.000	0.000	INTERSECTION	N/A	ROUTE 0014 (WEST RIM DRIVE)
0.038	0.038	SIGN	RIGHT	GUIDE, HWY 138 10 DIAMOND LAKE 14 BEND 101
0.101	0.101	SIGN	RIGHT	GUIDE, RIM VILLAGE HWY 62 RIM DRIVE (EAST) CLEETWOOD TRAIL BOAT TOURS
0.124	0.124	SIGN	RIGHT	WARNING, DANGER FALLING WILL CAUSE INJURY OR DEATH STAY BACK FROM CLIFF EDGES
0.241	0.241	SIGN	RIGHT	REGULATORY, SPEED LIMIT 45
0.256	0.256	SIGN	RIGHT	REGULATORY, SPEED LIMIT 35
0.329	0.329	CULVERT	N/A	
0.425	0.493	PULLOUT	LEFT	
0.595	0.595	CULVERT	N/A	
0.656	0.656	CULVERT	N/A	
0.725	0.725	CULVERT	N/A	
0.829	0.914	PULLOUT	LEFT	
0.882	0.882	CULVERT	N/A	
1.109	1.109	CULVERT	N/A	
1.328	1.328	CULVERT	N/A	
1.398	1.398	CULVERT	N/A	
1.561	1.654	PULLOUT	LEFT	
1.698	1.698	CULVERT	N/A	
1.826	1.826	CULVERT	N/A	
1.871	1.927	PULLOUT	LEFT	
2.017	2.017	CULVERT	N/A	
2.303	2.303	CULVERT	N/A	
2.508	2.508	SIGN	RIGHT	GUIDE, PARKING
2.534	2.534	INTERSECTION	LEFT	ROUTE 0908 (PACIFIC CREST TRAIL PARKING A)
2.566	2.566	SIGN	RIGHT	GUIDE, PARKING
2.577	2.577	CULVERT	N/A	
2.622	2.622	SIGN	RIGHT	REGULATORY, SPEED LIMIT 45
2.624	2.624	SIGN	RIGHT	REGULATORY, SPEED LIMIT 55
3.256	3.256	CULVERT	N/A	
3.567	3.567	CULVERT	N/A	
4.344	4.344	CULVERT	N/A	

CRLA: ROUTE MAINTENANCE FEATURES ROAD LOG

ROUTE 0010: NORTH ENTRANCE ROAD

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
4.876	4.876	SIGN	RIGHT	GUIDE, PUMICE DESERT
4.888	4.888	INTERSECTION	LEFT	ROUTE 0909 (PUMICE DESERT)
4.893	4.893	SIGN	RIGHT	GUIDE, KEEP VEHICLES ON ROADWAY
4.922	4.922	INTERSECTION	LEFT	ROUTE 0909 (PUMICE DESERT)
5.154	5.154	CULVERT	N/A	
5.386	5.386	SIGN	RIGHT	GUIDE, KEEP VEHICLES ON ROADWAY
5.404	5.404	SIGN	RIGHT	GUIDE, PUMICE DESERT
6.280	6.280	SIGN	RIGHT	REGULATORY, SPEED LIMIT 45
6.870	6.870	CULVERT	N/A	
7.670	7.670	CULVERT	N/A	
7.690	7.690	SIGN	RIGHT	REGULATORY, SPEED LIMIT 55
8.276	8.276	SIGN	RIGHT	GUIDE, CRATER LAKE 9 RIM VILLAGE 15 HWY 62 22
8.277	8.277	SIGN	RIGHT	REGULATORY, REDUCED SPEED 25
8.286	8.286	INTERSECTION	RIGHT	ROUTE 0950 (NORTH ENTRANCE TURNAROUND)
8.306	8.306	INTERSECTION	LEFT	ROUTE 0949 (NORTH ENTRANCE RESTROOM PARKING)
8.306	8.306	INTERSECTION	RIGHT	ROUTE 0950 (NORTH ENTRANCE TURNAROUND)
8.352	8.352	CULVERT	N/A	
8.421	8.432	CURB	N/A	
8.424	8.435	CURB	LEFT	
8.431	8.431	SIGN	LEFT	REGULATORY, STOP
8.433	8.433	SIGN	LEFT	GUIDE, ENTRANCE FEES PASSENGER VEHICLE $10.00 PER PERSON PASS $5.00 INTERAGENCY ANNUAL PASS $80.00 ANNUAL
8.594	8.594	SIGN	RIGHT	GUIDE, U.S. FEE AREA
8.594	8.594	SIGN	RIGHT	WARNING, STOP AHEAD
8.997	8.997	SIGN	LEFT	GUIDE, DEPARTMENT OF AGRICULTURE
8.997	8.997	SIGN	RIGHT	GUIDE, CRATER LAKE NATIONAL PARK
9.000	9.000	PARK BOUNDARY	N/A	NORTH PARK BOUNDARY
9.049	9.049	GATE	N/A	
9.145	9.145	SIGN	RIGHT	REGULATORY, 138
9.145	9.145	SIGN	RIGHT	REGULATORY, JCT
9.150	9.150	INTERSECTION	RIGHT	PAVED ROUTE (CRATER LAKE N HWY 209 (STATE MAINTAINED / NON NPS))
9.150	9.150	ROUTE END	N/A	TO NORTH PARK BOUNDARY AT PAVEMENT CHANGE

CRLA: ROUTE MAINTENANCE FEATURES ROAD LOG

ROUTE 0011: CRATER LAKE HIGHWAY

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.000	0.000	ROUTE BEGIN	N/A	FROM WEST PARK BOUNDARY
0.000	0.000	INTERSECTION	N/A	PAVED ROUTE (CRATER LAKE HWY 62 (STATE MAINTAINED / NON NPS))
0.000	0.000	PARK BOUNDARY	N/A	WEST PARK BOUNDARY
0.008	0.008	SIGN	LEFT	REGULATORY, 62
0.008	0.008	SIGN	RIGHT	REGULATORY, WEST
0.008	0.008	SIGN	RIGHT	REGULATORY, 62
0.008	0.008	SIGN	RIGHT	GUIDE, ENTERING JACKSON COUNTRY
0.008	0.008	SIGN	LEFT	GUIDE, ENTERING KLAMATH COUNTY
0.008	0.008	SIGN	LEFT	REGULATORY, UNABLE TO READ FROM VIDEO
0.020	0.045	PULLOUT	RIGHT	
0.039	0.039	SIGN	LEFT	GUIDE, DEPARTMENT OF AGRICULTURE
0.039	0.039	SIGN	RIGHT	GUIDE, NATIONAL PARK SERVICE CRATER LAKE NATIONAL PARK WEST ENTRANCE U.S. DEPARTMENT OF INTERIOR
0.063	0.063	SIGN	RIGHT	WARNING, GRAPHIC SIGN, NO TEXT
0.299	0.299	SIGN	RIGHT	WARNING, GRAPHIC SIGN, NO TEXT
0.434	0.434	SIGN	RIGHT	WARNING, GRAPHIC SIGN, NO TEXT
0.579	0.579	CULVERT	N/A	
0.784	0.784	SIGN	RIGHT	WARNING, GRAPHIC SIGN, NO TEXT
0.906	0.906	SIGN	RIGHT	GUIDE, OLD WEST 500 FT.
1.004	1.004	INTERSECTION	RIGHT	ROUTE 0951 (WEST ENTRANCE PARKING AREA)
1.039	1.039	CULVERT	N/A	
1.102	1.102	CULVERT	N/A	
1.113	1.113	SIGN	RIGHT	REGULATORY, SPEED LIMIT 45
1.113	1.113	SIGN	RIGHT	GUIDE, OLD WEST 500 FT.
1.256	1.256	CULVERT	N/A	
1.378	1.378	CULVERT	N/A	
1.554	1.554	CULVERT	N/A	
1.627	1.635	GUARD/GUIDE RAIL	LEFT	
1.630	1.630	CULVERT	N/A	
1.670	1.715	PULLOUT	LEFT	
1.826	1.826	CULVERT	N/A	
1.973	1.973	CULVERT	N/A	
2.012	2.012	SIGN	RIGHT	WARNING, 30 M.P.H.
2.012	2.012	SIGN	RIGHT	WARNING, GRAPHIC SIGN, NO TEXT

CRLA: ROUTE MAINTENANCE FEATURES ROAD LOG

ROUTE 0011: CRATER LAKE HIGHWAY

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
2.074	2.074	CULVERT	N/A	
2.138	2.138	CULVERT	N/A	
2.238	2.238	SIGN	RIGHT	WARNING, 30 M.P.H.
2.238	2.238	SIGN	RIGHT	WARNING, GRAPHIC SIGN, NO TEXT
2.301	2.301	CULVERT	N/A	
2.394	2.394	CULVERT	N/A	
2.573	2.573	CULVERT	N/A	
2.872	2.872	CULVERT	N/A	
2.997	2.997	CULVERT	N/A	
3.149	3.149	CULVERT	N/A	
3.276	3.276	CULVERT	N/A	
3.402	3.402	CULVERT	N/A	
3.549	3.549	CULVERT	N/A	
3.725	3.725	SIGN	RIGHT	REGULATORY, SPEED LIMIT 45
3.734	3.734	CULVERT	N/A	
3.742	3.742	SIGN	RIGHT	WARNING, 30 M.P.H.
3.742	3.742	SIGN	RIGHT	WARNING, GRAPHIC SIGN, NO TEXT
3.774	3.791	PULLOUT	RIGHT	
3.892	3.892	CULVERT	N/A	
4.197	4.197	CULVERT	N/A	
4.548	4.548	CULVERT	N/A	
4.666	4.666	CULVERT	N/A	
4.778	4.778	SIGN	RIGHT	WARNING, GRAPHIC SIGN, NO TEXT
4.778	4.778	SIGN	RIGHT	WARNING, 30 M.P.H.
4.790	4.790	SIGN	RIGHT	REGULATORY, SPEED LIMIT 45
4.919	4.919	CULVERT	N/A	
5.327	5.327	CULVERT	N/A	
5.424	5.424	CULVERT	N/A	
5.624	5.665	PULLOUT	RIGHT	
5.637	5.666	PULLOUT	LEFT	
5.666	5.666	SIGN	RIGHT	WARNING, GRAPHIC SIGN, NO TEXT
5.666	5.666	SIGN	RIGHT	WARNING, 25 M.P.H.
5.669	5.808	GUARD/GUIDE RAIL	LEFT	
5.757	5.757	SIGN	RIGHT	WARNING, GRAPHIC SIGN, NO TEXT

CRLA: ROUTE MAINTENANCE FEATURES ROAD LOG

ROUTE 0011: CRATER LAKE HIGHWAY

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
5.757	5.757	SIGN	LEFT	WARNING, GRAPHIC SIGN, NO TEXT
5.775	5.775	SIGN	LEFT	WARNING, GRAPHIC SIGN, NO TEXT
5.775	5.775	SIGN	RIGHT	WARNING, GRAPHIC SIGN, NO TEXT
5.794	5.794	SIGN	RIGHT	WARNING, GRAPHIC SIGN, NO TEXT
5.795	5.795	SIGN	LEFT	WARNING, GRAPHIC SIGN, NO TEXT
5.919	5.969	GUARD/GUIDE RAIL	RIGHT	
5.984	5.984	SIGN	LEFT	WARNING, GRAPHIC SIGN, NO TEXT
5.984	5.984	SIGN	RIGHT	WARNING, GRAPHIC SIGN, NO TEXT
6.003	6.003	SIGN	LEFT	WARNING, GRAPHIC SIGN, NO TEXT
6.003	6.003	SIGN	RIGHT	WARNING, GRAPHIC SIGN, NO TEXT
6.014	6.014	CULVERT	N/A	
6.019	6.019	SIGN	RIGHT	WARNING, GRAPHIC SIGN, NO TEXT
6.020	6.020	SIGN	LEFT	WARNING, GRAPHIC SIGN, NO TEXT
6.071	6.151	PULLOUT	LEFT	
6.237	6.237	SIGN	RIGHT	WARNING, 25 M.P.H.
6.237	6.237	SIGN	RIGHT	WARNING, GRAPHIC SIGN, NO TEXT
6.550	6.550	CULVERT	N/A	
6.661	6.750	PULLOUT	RIGHT	
6.709	6.709	CULVERT	N/A	
6.871	6.871	SIGN	RIGHT	GUIDE, PACIFIC CREST TRAIL PARKING
6.882	6.882	SIGN	RIGHT	GUIDE, INFORMATION 1610 AM ON YOUR RADIO
6.901	6.901	INTERSECTION	LEFT	ROUTE 0910 (PACIFIC CREST TRAIL PARKING B)
6.919	6.919	INTERSECTION	RIGHT	ROUTE 0911 (PACIFIC CREST TRAIL PARKING C)
6.925	6.925	CULVERT	N/A	
6.982	6.982	SIGN	RIGHT	GUIDE, PACIFIC CREST TRAIL PARKING
7.115	7.115	SIGN	RIGHT	GUIDE, UNION CREEK 17 PROSPECT 28 MEDFORD 76
7.169	7.169	SIGN	RIGHT	WARNING, GRAPHIC SIGN, NO TEXT
7.373	7.582	GUARD/GUIDE RAIL	LEFT	
7.596	7.596	SIGN	RIGHT	REGULATORY, SPEED LIMIT 45
7.617	7.617	SIGN	RIGHT	WARNING, GRAPHIC SIGN, NO TEXT
7.636	7.636	SIGN	RIGHT	GUIDE, CRATER LAKE HWY 97 KLAMATH FALLS
7.681	7.681	CULVERT	N/A	
7.753	7.753	SIGN	RIGHT	GUIDE, KLAMATH FALLS CRATER LAKE
7.753	7.753	INTERSECTION	LEFT	ROUTE 0012 (MUNSON VALLEY ROAD)

CRLA: ROUTE MAINTENANCE FEATURES ROAD LOG

ROUTE 0011: CRATER LAKE HIGHWAY

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
7.753	7.753	SIGN	LEFT	GUIDE, MEDFORD CRATER LAKE
7.813	7.813	SIGN	RIGHT	WARNING, GRAPHIC SIGN, NO TEXT
7.845	7.845	SIGN	RIGHT	GUIDE, EMPLOYEE DORMITORY
7.872	7.872	SIGN	RIGHT	WARNING, GRAPHIC SIGN, NO TEXT
7.900	7.900	SIGN	RIGHT	WARNING, GRAPHIC SIGN, NO TEXT
7.916	7.916	SIGN	RIGHT	REGULATORY, SPEED LIMIT 45
7.967	7.967	SIGN	RIGHT	GUIDE, CRATER LAKE PROSPECT MEDFORD
7.979	7.979	CULVERT	N/A	
7.990	7.990	SIGN	RIGHT	GUIDE, FORT KLAMATH 15 HWY 97 30 KLAMATH FALLS 58
8.257	8.257	SIGN	RIGHT	WARNING, GRAPHIC SIGN, NO TEXT
8.352	8.352	INTERSECTION	RIGHT	ROUTE 0400 (MAZAMA DORMITORIES)
8.450	8.450	SIGN	RIGHT	WARNING, GRAPHIC SIGN, NO TEXT
8.502	8.502	SIGN	RIGHT	GUIDE, INFORMATION 1610 AM ON YOUR RADIO
8.584	8.584	CULVERT	N/A	
8.768	8.768	INTERSECTION	LEFT	ROUTE 0914 (FOSSIL FUMAROLES)
8.774	8.774	CULVERT	N/A	
8.846	8.846	CULVERT	N/A	
9.477	9.477	CULVERT	N/A	
9.667	9.667	CULVERT	N/A	
9.836	9.836	INTERSECTION	RIGHT	UNPAVED ROUTE
9.868	9.868	CULVERT	N/A	
10.065	10.065	SIGN	RIGHT	GUIDE, LODGEPOLE 500 FT
10.183	10.183	INTERSECTION	LEFT	ROUTE 0915 (LODGE POLE PICNIC AREA)
10.404	10.404	INTERSECTION	LEFT	ROUTE 0915 (LODGE POLE PICNIC AREA)
10.421	10.421	SIGN	RIGHT	REGULATORY, SPEED LIMIT 45
10.471	10.471	SIGN	RIGHT	GUIDE, LODGEPOLE 500 FT
10.585	10.585	CULVERT	N/A	
11.033	11.033	CULVERT	N/A	
11.364	11.364	CULVERT	N/A	
11.486	11.618	PULLOUT	LEFT	
11.488	11.616	CURB	LEFT	
12.019	12.019	CULVERT	N/A	
12.026	12.074	GUARD/GUIDE RAIL	LEFT	
12.035	12.035	CULVERT	N/A	

CRLA: ROUTE MAINTENANCE FEATURES ROAD LOG

ROUTE 0011: CRATER LAKE HIGHWAY

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
12.307	12.307	SIGN	RIGHT	GUIDE, ANNIE FALLS 500 FT
12.392	12.392	CULVERT	N/A	
12.399	12.399	INTERSECTION	LEFT	ROUTE 0916 (ANNIE FALLS PICNIC AREA)
12.504	12.504	CULVERT	N/A	
12.571	12.571	INTERSECTION	LEFT	ROUTE 0916 (ANNIE FALLS PICNIC AREA)
12.647	12.647	SIGN	RIGHT	GUIDE, ANNIE FALLS 500 FT
13.234	13.234	INTERSECTION	LEFT	ROUTE 0917 (NO NAME PICNIC AREA)
13.288	13.288	INTERSECTION	LEFT	ROUTE 0917 (NO NAME PICNIC AREA)
13.344	13.447	PULLOUT	LEFT	
13.347	13.443	CURB	LEFT	
13.680	13.715	GUARD/GUIDE RAIL	LEFT	
13.711	13.797	PULLOUT	LEFT	
13.715	13.797	CURB	LEFT	
13.798	13.847	GUARD/GUIDE RAIL	LEFT	
13.814	13.814	CULVERT	N/A	
15.023	15.058	PULLOUT	LEFT	
15.395	15.428	GUARD/GUIDE RAIL	LEFT	
16.728	16.728	SIGN	RIGHT	GUIDE, PONDEROSA 500 FT
16.794	16.794	INTERSECTION	LEFT	ROUTE 0918 (PONDEROSA PICNIC AREA)
16.858	16.858	CULVERT	N/A	
17.024	17.024	INTERSECTION	LEFT	ROUTE 0918 (PONDEROSA PICNIC AREA)
17.139	17.139	SIGN	RIGHT	GUIDE, PONDEROSA 500 FT
17.205	17.205	SIGN	RIGHT	REGULATORY, SPEED LIMIT 45
17.282	17.282	SIGN	RIGHT	REGULATORY, REDUCED SPEED AHEAD
17.338	17.338	INTERSECTION	RIGHT	ROUTE 0405 (SOUTH MAINTENANCE YARD ACCESS ROAD)
17.349	17.365	PULLOUT	LEFT	
17.387	17.415	PULLOUT	LEFT	
17.396	17.396	SIGN	LEFT	GUIDE, DEPARTMENT OF AGRICULTURE
17.397	17.397	SIGN	RIGHT	GUIDE, NATIONAL PARK SERVICE CRATER LAKE NATIONAL PARK SOUTH ENTRANCE U.S. DEPARTMENT OF INTERIOR
17.430	17.430	SIGN	RIGHT	REGULATORY, NO PARKING FOR UNATTENDED VEHICLES
17.430	17.430	INTERSECTION	N/A	PAVED ROUTE (CRATER LAKE HWY 62 (STATE MAINTAINED / NON NPS))
17.430	17.430	PARK BOUNDARY	N/A	SOUTH PARK BOUNDARY

CRLA: ROUTE MAINTENANCE FEATURES ROAD LOG

ROUTE 0011: CRATER LAKE HIGHWAY

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
17.430	17.430	ROUTE END	N/A	TO SOUTH PARK BOUNDARY

CRLA: ROUTE MAINTENANCE FEATURES ROAD LOG

ROUTE 0012: MUNSON VALLEY ROAD

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.000	0.000	ROUTE BEGIN	N/A	FROM ROUTE 0011 (CRATER LAKE HIGHWAY) AT MP 7.75 (ON LEFT)
0.000	0.000	SIGN	N/A	GUIDE, HIGHWAY 62 JCT KLAMATH FALLS MEDFORD
0.000	0.000	INTERSECTION	LEFT	ROUTE 0011 (CRATER LAKE HIGHWAY)
0.000	0.000	INTERSECTION	RIGHT	ROUTE 0011 (CRATER LAKE HIGHWAY)
0.006	0.006	SIGN	RIGHT	REGULATORY, STOP
0.030	0.030	SIGN	RIGHT	GUIDE, MAZAMA VILLAGE 1/4 CRATER LAKE 7 HWY 138 23
0.044	0.044	SIGN	RIGHT	GUIDE, MAIN PARKING 1/4 RESTAURANT AND GIFT SHOP
0.060	0.060	SIGN	RIGHT	REGULATORY, SPEED LIMIT 25
0.068	0.068	INTERSECTION	RIGHT	ROUTE 0953 (ANNIE CREEK RESTAURANT PARKING)
0.099	0.099	SIGN	RIGHT	WARNING, STOP AHEAD
0.107	0.107	SIGN	RIGHT	REGULATORY, UNABLE TO READ FROM VIDEO
0.121	0.121	SIGN	RIGHT	REGULATORY, UNABLE TO READ FROM VIDEO
0.136	0.136	SIGN	RIGHT	REGULATORY, UNABLE TO READ FROM VIDEO
0.143	0.143	SIGN	RIGHT	GUIDE, U.S. FEE AREA
0.143	0.143	SIGN	RIGHT	WARNING, STOP AHEAD
0.155	0.155	INTERSECTION	RIGHT	ROUTE 0953 (ANNIE CREEK RESTAURANT PARKING)
0.175	0.175	SIGN	RIGHT	GUIDE, RIGHT LANE EMPLOYEES ONLY
0.216	0.237	CURB	LEFT	
0.222	0.222	SIGN	LEFT	GUIDE, ENTRANCE FEES
0.224	0.224	SIGN	RIGHT	REGULATORY, STOP
0.225	0.225	SIGN	LEFT	REGULATORY, STOP
0.235	0.263	PULLOUT	RIGHT	
0.245	0.254	CURB	LEFT	
0.260	0.260	SIGN	RIGHT	GUIDE, MAZAMA VILLAGE
0.300	0.300	INTERSECTION	RIGHT	ROUTE 0200 (MAZAMA CAMPGROUND ACCESS ROAD)
0.319	0.319	SIGN	RIGHT	GUIDE, RIM VILLAGE 7 VISITOR CENTER 4
0.326	0.326	SIGN	RIGHT	REGULATORY, REDUCED SPEED 25
0.352	0.352	SIGN	RIGHT	GUIDE, MAZAMA VILLAGE
0.352	0.352	SIGN	RIGHT	WARNING, 15 M.P.H.
0.352	0.352	SIGN	RIGHT	WARNING, GRAPHIC SIGN, NO TEXT
0.372	0.372	INTERSECTION	RIGHT	UNPAVED ROUTE
0.376	0.376	INTERSECTION	LEFT	UNPAVED ROUTE
0.417	0.417	SIGN	RIGHT	REGULATORY, REDUCED SPEED AHEAD

CRLA: ROUTE MAINTENANCE FEATURES ROAD LOG

ROUTE 0012: MUNSON VALLEY ROAD

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.463	0.463	SIGN	LEFT	GUIDE, UNABLE TO READ FROM VIDEO
0.464	0.469	CURB	RIGHT	
0.466	0.466	SIGN	RIGHT	GUIDE, AUTHORIZED PERSONNEL ONLY
0.468	0.495	GUARD/GUIDE RAIL	LEFT	
0.469	0.497	GUARD/GUIDE RAIL	RIGHT	
0.470	0.493	BRIDGE	N/A	9320-001 (ANNIE CREEK BRIDGE)
0.508	0.542	CURB	RIGHT	
0.508	0.547	PULLOUT	RIGHT	
0.515	0.515	SIGN	RIGHT	WARNING, 15 M.P.H.
0.515	0.515	SIGN	RIGHT	WARNING, GRAPHIC SIGN, NO TEXT
0.570	0.570	CULVERT	N/A	
0.671	0.671	CULVERT	N/A	
0.782	0.782	CULVERT	N/A	
0.841	0.914	PULLOUT	RIGHT	
0.845	0.915	CURB	RIGHT	
1.005	1.005	CULVERT	N/A	
1.148	1.148	CULVERT	N/A	
1.205	1.205	SIGN	RIGHT	GUIDE, GOODBYE 500 FT
1.298	1.305	GUARD/GUIDE WALL	RIGHT	
1.299	1.299	INTERSECTION	LEFT	ROUTE 0919 (GOODBYE PICNIC AREA)
1.304	1.309	CURB	LEFT	
1.305	1.358	GUARD/GUIDE RAIL	RIGHT	
1.306	1.306	SIGN	LEFT	GUIDE, PICNIC AREA
1.309	1.358	GUARD/GUIDE RAIL	LEFT	
1.311	1.352	BRIDGE	N/A	9320-002 (GOODBYE CREEK BRIDGE)
1.318	1.325	RETAINING WALL	RIGHT	CRLA-0012-1.323-R
1.358	1.392	PULLOUT	LEFT	
1.358	1.392	CURB	LEFT	
1.393	1.393	SIGN	RIGHT	GUIDE, GOODBYE PICNIC AREA
1.448	1.448	SIGN	RIGHT	GUIDE, GOODBYE 500 FT
1.454	1.454	SIGN	RIGHT	GUIDE, GODFREY GLEN NATURE TRAIL 1/4 MILE AT TURNOUT
1.500	1.500	CULVERT	N/A	
1.556	1.556	CULVERT	N/A	
1.667	1.667	INTERSECTION	RIGHT	ROUTE 0920 (GODFREY GLEN TRAIL PARKING)

CRLA: ROUTE MAINTENANCE FEATURES ROAD LOG

ROUTE 0012: MUNSON VALLEY ROAD

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
1.719	1.906	CURB	LEFT	
1.777	1.777	INTERSECTION	RIGHT	ROUTE 0920 (GODFREY GLEN TRAIL PARKING)
1.789	1.789	DROP INLET	LEFT	
1.858	1.858	DROP INLET	LEFT	
1.861	1.892	CURB	RIGHT	
1.861	1.892	PULLOUT	RIGHT	
1.911	1.911	CULVERT	N/A	
1.976	1.976	SIGN	RIGHT	WARNING, GRAPHIC SIGN, NO TEXT
2.074	2.074	SIGN	RIGHT	WARNING, 25 M.P.H.
2.074	2.074	SIGN	RIGHT	WARNING, GRAPHIC SIGN, NO TEXT
2.119	2.119	SIGN	RIGHT	WARNING, GRAPHIC SIGN, NO TEXT
2.180	2.265	PULLOUT	RIGHT	
2.182	2.262	CURB	RIGHT	
2.330	2.330	CULVERT	N/A	
2.451	2.512	PULLOUT	RIGHT	
2.452	2.453	PAVED DITCH	RIGHT	
2.453	2.512	CURB	RIGHT	
2.520	2.520	CULVERT	N/A	
2.590	2.590	CULVERT	N/A	
2.708	2.708	INTERSECTION	RIGHT	UNPAVED ROUTE
2.790	2.790	CULVERT	N/A	
2.940	2.940	CULVERT	N/A	
2.955	3.031	CURB	LEFT	
2.955	3.031	PULLOUT	LEFT	
3.064	3.064	CULVERT	N/A	
3.117	3.187	CURB	RIGHT	
3.118	3.186	PULLOUT	RIGHT	
3.142	3.142	CULVERT	N/A	
3.202	3.202	CULVERT	N/A	
3.294	3.294	CULVERT	N/A	
3.298	3.391	PULLOUT	LEFT	
3.300	3.390	CURB	LEFT	
3.408	3.408	CULVERT	N/A	
3.516	3.516	SIGN	RIGHT	REGULATORY, REDUCED SPEED AHEAD

CRLA: ROUTE MAINTENANCE FEATURES ROAD LOG

ROUTE 0012: MUNSON VALLEY ROAD

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
3.530	3.530	CULVERT	N/A	
3.556	3.556	SIGN	RIGHT	REGULATORY, SPEED LIMIT 45
3.615	3.615	SIGN	RIGHT	REGULATORY, SPEED LIMIT 25
3.618	3.618	INTERSECTION	LEFT	ROUTE 0948 (EQUIPMENT PARKING)
3.640	3.640	CULVERT	N/A	
3.671	3.671	SIGN	RIGHT	GUIDE, MAZAMA VILLAGE 4 HWY 62 4
3.687	3.687	SIGN	RIGHT	WARNING, GRAPHIC SIGN, NO TEXT
3.715	3.715	SIGN	RIGHT	GUIDE, CRATER LAKE 3
3.745	3.745	INTERSECTION	LEFT	ROUTE 0402AZ (HEADQUARTERS MAINTENANCE AREA)
3.745	3.745	INTERSECTION	RIGHT	ROUTE 0401AZ (HEADQUARTERS RESIDENCE AREA OUTER LOOP ROAD)
3.750	3.750	CULVERT	N/A	
3.766	3.766	SIGN	RIGHT	WARNING, GRAPHIC SIGN, NO TEXT
3.774	3.774	CULVERT	N/A	
3.806	3.806	SIGN	RIGHT	WARNING, SLOW CONGESTED AREA
3.852	3.852	SIGN	RIGHT	GUIDE, VISITOR INFO 500FT CRATER LAKE 3MI RIM DRIVE (EAST)
3.901	3.901	INTERSECTION	RIGHT	ROUTE 0013 (EAST RIM DRIVE)
3.930	3.930	SIGN	RIGHT	GUIDE, CRATER LAKE RIM VILLAGE VISITOR INFORMATION PARK ADMINISTRATION
3.942	3.942	SIGN	RIGHT	GUIDE, MAZAMA VILLAGE HIGHWAY 62 RIM DRIVE (EAST)
3.955	3.955	SIGN	RIGHT	GUIDE, CRATER LAKE 3 VISITOR INFORMATION
3.969	3.969	SIGN	RIGHT	WARNING, GRAPHIC SIGN, NO TEXT
3.984	3.984	INTERSECTION	LEFT	ROUTE 0921 (HEADQUARTERS VISITOR CENTER PARKING)
3.994	3.994	SIGN	RIGHT	WARNING, GRAPHIC SIGN, NO TEXT
4.005	4.005	GATE	N/A	
4.005	4.005	SIGN	N/A	GUIDE, GRAPHIC SIGN, NO TEXT
4.005	4.005	SIGN	N/A	GUIDE, GRAPHIC SIGN, NO TEXT
4.005	4.005	SIGN	N/A	REGULATORY, GRAPHIC SIGN, NO TEXT
4.005	4.005	SIGN	N/A	REGULATORY, ROAD CLOSED
4.052	4.052	SIGN	RIGHT	GUIDE, VISITOR INFORMATION PARK ADMINISTRATION
4.057	4.058	GUARD/GUIDE WALL	RIGHT	
4.079	4.079	CULVERT	N/A	
4.090	4.090	SIGN	RIGHT	REGULATORY, SPEED LIMIT 35
4.097	4.097	SIGN	RIGHT	REGULATORY, SPEED LIMIT 25

CRLA: ROUTE MAINTENANCE FEATURES ROAD LOG

ROUTE 0012: MUNSON VALLEY ROAD

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
4.097	4.097	SIGN	RIGHT	WARNING, GRAPHIC SIGN, NO TEXT
4.185	4.185	CULVERT	N/A	
4.188	4.188	SIGN	RIGHT	REGULATORY, SPEED LIMIT 25
4.261	4.261	SIGN	RIGHT	REGULATORY, REDUCED SPEED AHEAD
4.308	4.308	CULVERT	N/A	
4.375	4.375	SIGN	RIGHT	WARNING, FALLING ROCK
4.422	4.422	CULVERT	N/A	
4.442	4.442	SIGN	RIGHT	WARNING, 20 M.P.H.
4.442	4.442	SIGN	RIGHT	WARNING, GRAPHIC SIGN, NO TEXT
4.495	4.495	CULVERT	N/A	
4.585	4.585	CULVERT	N/A	
4.647	4.647	CULVERT	N/A	
4.687	4.688	GUARD/GUIDE WALL	LEFT	
4.694	4.694	CULVERT	N/A	
4.744	4.744	CULVERT	N/A	
4.807	4.831	PULLOUT	LEFT	
4.812	4.833	CURB	LEFT	
4.892	4.892	CULVERT	N/A	
4.912	4.912	CULVERT	N/A	
4.952	4.952	CULVERT	N/A	
5.025	5.045	PULLOUT	LEFT	
5.026	5.043	CURB	LEFT	
5.053	5.053	CULVERT	N/A	
5.101	5.101	CULVERT	N/A	
5.148	5.148	CULVERT	N/A	
5.248	5.248	CULVERT	N/A	
5.263	5.300	PAVED DITCH	RIGHT	
5.336	5.391	PULLOUT	LEFT	
5.338	5.390	CURB	LEFT	
5.397	5.397	CULVERT	N/A	
5.438	5.491	PULLOUT	LEFT	
5.442	5.489	CURB	LEFT	
5.495	5.495	CULVERT	N/A	
5.569	5.569	CULVERT	N/A	

CRLA: ROUTE MAINTENANCE FEATURES ROAD LOG

ROUTE 0012: MUNSON VALLEY ROAD

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
5.651	5.717	PULLOUT	LEFT	
5.653	5.717	CURB	LEFT	
5.672	5.672	CULVERT	N/A	
5.770	5.829	PULLOUT	RIGHT	
5.779	5.830	CURB	RIGHT	
5.781	5.781	SIGN	RIGHT	WARNING, 20 M.P.H.
5.781	5.781	SIGN	RIGHT	WARNING, GRAPHIC SIGN, NO TEXT
5.865	5.865	CULVERT	N/A	
5.922	5.922	CULVERT	N/A	
5.932	5.977	PULLOUT	LEFT	
5.933	5.977	CURB	LEFT	
6.067	6.127	CURB	RIGHT	
6.068	6.128	PULLOUT	RIGHT	
6.245	6.245	CULVERT	N/A	
6.281	6.346	PULLOUT	RIGHT	
6.282	6.346	CURB	RIGHT	
6.360	6.415	CURB	LEFT	
6.362	6.416	PULLOUT	LEFT	
6.445	6.445	CULVERT	N/A	
6.445	6.445	SIGN	RIGHT	REGULATORY, SPEED LIMIT 35
6.481	6.481	SIGN	RIGHT	WARNING, DANGER FALLING WILL CAUSE INJURY OR DEATH STAY BACK FROM CLIFF EDGES
6.492	6.492	SIGN	RIGHT	GUIDE, VISITOR INFORMATION 3 MAZAMA VILLAGE 7 HWY 62 7
6.512	6.512	CULVERT	N/A	
6.530	6.530	SIGN	RIGHT	WARNING, 25 M.P.H.
6.530	6.530	SIGN	RIGHT	WARNING, GRAPHIC SIGN, NO TEXT
6.567	6.613	PULLOUT	LEFT	
6.569	6.612	CURB	LEFT	
6.653	6.653	SIGN	RIGHT	REGULATORY, SPEED LIMIT 15
6.653	6.685	CURB	LEFT	
6.653	6.685	PULLOUT	LEFT	
6.654	6.654	SIGN	RIGHT	WARNING, GRAPHIC SIGN, NO TEXT
6.654	6.654	SIGN	RIGHT	WARNING, 25 M.P.H.

CRLA: ROUTE MAINTENANCE FEATURES ROAD LOG

ROUTE 0012: MUNSON VALLEY ROAD

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
6.681	6.681	SIGN	RIGHT	GUIDE, RIM VILLAGE RIM DRIVE (WEST) HWY 138
6.702	6.702	CULVERT	N/A	
6.718	6.718	INTERSECTION	LEFT	ROUTE 0014 (WEST RIM DRIVE)
6.722	6.748	CURB	RIGHT	
6.727	6.727	SIGN	RIGHT	WARNING, 10 M.P.H.
6.727	6.727	SIGN	RIGHT	WARNING, GRAPHIC SIGN, NO TEXT
6.732	6.732	DROP INLET	RIGHT	
6.735	6.735	SIGN	RIGHT	GUIDE, MAZAMA VILLAGE HWY 62 RIM DRIVE (WEST) HWY 138
6.750	6.750	SIGN	RIGHT	WARNING, CONGESTED AREA
6.750	6.750	SIGN	RIGHT	WARNING, GRAPHIC SIGN, NO TEXT
6.761	6.766	CURB	LEFT	
6.765	6.765	DROP INLET	LEFT	
6.802	6.802	SIGN	RIGHT	REGULATORY, SPEED LIMIT 15
6.807	6.807	FIRE HYDRANT	LEFT	
6.838	6.838	SIGN	RIGHT	GUIDE, BUS/RV PARKING CRATER LAKE LODGE
6.838	6.838	SIGN	RIGHT	GUIDE, CAFE AND GIFTS AUTO PARKING
6.849	6.849	INTERSECTION	LEFT	ROUTE 0922BZ (CAFETERIA AND GIFT SHOP PARKING B)
6.854	6.854	INTERSECTION	RIGHT	ROUTE 0922AZ (CAFETERIA AND GIFT SHOP PARKING A)
6.867	6.917	CURB	RIGHT	
6.875	6.875	SIGN	RIGHT	GUIDE, BUS/RV TURN AROUND
6.875	6.875	SIGN	RIGHT	REGULATORY, NO TURN AROUND AHEAD FOR OVERSIZED VEHICLES
6.889	6.908	CURB	LEFT	
6.890	6.890	SIGN	RIGHT	GUIDE, ADDITIONAL PARKING CRATER LAKE LODGE
6.890	6.890	SIGN	RIGHT	GUIDE, CAFE AND GIFTS
6.903	6.903	DROP INLET	RIGHT	
6.909	6.909	FIRE HYDRANT	LEFT	
6.913	6.913	SIGN	RIGHT	REGULATORY, SPEED LIMIT 15
6.950	6.950	INTERSECTION	RIGHT	ROUTE 0923EZ (VISITOR CENTER AND SINNOTT OVERLOOK PARKING E)
6.958	6.958	INTERSECTION	LEFT	ROUTE 0923DZ (VISITOR CENTER AND SINNOTT OVERLOOK PARKING D)
6.982	7.000	CURB	RIGHT	
6.983	6.983	SIGN	LEFT	WARNING, GRAPHIC SIGN, NO TEXT

CRLA: ROUTE MAINTENANCE FEATURES ROAD LOG

ROUTE 0012: MUNSON VALLEY ROAD

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
6.986	7.009	CURB	LEFT	
6.993	6.993	FIRE HYDRANT	RIGHT	
6.994	6.994	SIGN	LEFT	GUIDE, PARK INFORMATION 500 FT
6.998	6.998	SIGN	LEFT	REGULATORY, GRAPHIC SIGN, NO TEXT
7.003	7.003	DROP INLET	LEFT	
7.083	7.083	INTERSECTION	RIGHT	ROUTE 0923BZ (VISITOR CENTER AND SINNOTT OVERLOOK PARKING B)
7.137	7.137	INTERSECTION	LEFT	ROUTE 0923CZ (VISITOR CENTER AND SINNOTT OVERLOOK PARKING C)
7.158	7.158	INTERSECTION	RIGHT	ROUTE 0207 (PICNIC HILL)
7.181	7.181	INTERSECTION	RIGHT	ROUTE 0923AZ (VISITOR CENTER AND SINNOTT OVERLOOK PARKING A)
7.207	7.207	INTERSECTION	LEFT	ROUTE 0924 (CRATER LAKE LODGE PARKING)
7.210	7.210	INTERSECTION	RIGHT	ROUTE 0924 (CRATER LAKE LODGE PARKING)
7.210	7.210	SIGN	LEFT	GUIDE, CRATER LAKE LODGE
7.210	7.210	INTERSECTION	N/A	ROUTE 0924 (CRATER LAKE LODGE PARKING)
7.210	7.210	ROUTE END	N/A	TO ROUTE 0924 (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 BEGIN	N/A	FROM THE INTERSECTION OF ROUTES 0010 AND 0014
0.000	0.000	INTERSECTION	LEFT	ROUTE 0010 (NORTH ENTRANCE ROAD)
0.000	0.000	INTERSECTION	RIGHT	ROUTE 0014 (WEST RIM DRIVE)
0.000	0.000	SIGN	N/A	GUIDE, UNABLE TO READ FROM VIDEO
0.004	0.004	SIGN	RIGHT	REGULATORY, STOP
0.027	0.027	INTERSECTION	RIGHT	ROUTE 0907 (NORTH JUNCTION PARKING)
0.032	0.032	CULVERT	N/A	
0.072	0.072	SIGN	RIGHT	GUIDE, CLEETWOOD TRAIL 5 BOAT TOURS CLOUDCAP 12 HWY 62 27
0.112	0.112	SIGN	RIGHT	WARNING, STOP AHEAD
0.153	0.153	SIGN	RIGHT	REGULATORY, SPEED LIMIT 35
0.172	0.172	CULVERT	N/A	
0.290	0.419	PULLOUT	LEFT	
0.428	0.428	CULVERT	N/A	
0.664	0.664	CULVERT	N/A	
0.721	0.810	PULLOUT	LEFT	
0.986	0.986	CULVERT	N/A	
1.005	1.005	CULVERT	N/A	
1.091	1.091	CULVERT	N/A	
1.256	1.256	CULVERT	N/A	
1.317	1.317	CULVERT	N/A	
1.333	1.333	CULVERT	N/A	
1.384	1.384	CULVERT	N/A	
1.513	1.513	CULVERT	N/A	
1.602	1.602	CULVERT	N/A	
1.634	1.634	CULVERT	N/A	
2.072	2.072	CULVERT	N/A	
2.279	2.279	CULVERT	N/A	
2.381	2.381	CULVERT	N/A	
2.405	2.405	SIGN	RIGHT	GUIDE, GROUSE HILL 500 FT
2.501	2.501	INTERSECTION	RIGHT	UNPAVED ROUTE
2.531	2.531	INTERSECTION	RIGHT	UNPAVED ROUTE
2.644	2.689	PULLOUT	RIGHT	
2.646	2.684	GUARD/GUIDE WALL	RIGHT	

CRLA: ROUTE MAINTENANCE FEATURES ROAD LOG

ROUTE 0013: EAST RIM DRIVE

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
2.660	2.660	SIGN	RIGHT	GUIDE, GROUSE HILL 500 FT
2.804	2.921	PAVED DITCH	LEFT	
2.921	2.921	DROP INLET	LEFT	
3.284	3.364	GUARD/GUIDE WALL	RIGHT	
3.289	3.385	PULLOUT	RIGHT	
3.448	3.448	CULVERT	N/A	
3.503	3.503	SIGN	RIGHT	GUIDE, PUMICE POINT 500 FT
3.549	3.549	SIGN	RIGHT	REGULATORY, SPEED LIMIT 35
3.625	3.625	INTERSECTION	LEFT	ROUTE 0926 (PUMICE POINT PICNIC AREA)
3.666	3.666	INTERSECTION	LEFT	ROUTE 0926 (PUMICE POINT PICNIC AREA)
3.671	3.724	PULLOUT	RIGHT	
3.674	3.725	GUARD/GUIDE WALL	RIGHT	
3.763	3.763	SIGN	RIGHT	GUIDE, PUMICE POINT 500 FT
3.772	3.812	PULLOUT	RIGHT	
3.773	3.799	GUARD/GUIDE WALL	RIGHT	
3.861	3.885	PULLOUT	RIGHT	
3.900	3.900	CULVERT	N/A	
3.912	3.961	PULLOUT	RIGHT	
3.933	3.958	GUARD/GUIDE WALL	RIGHT	
3.971	3.971	CULVERT	N/A	
4.198	4.259	PULLOUT	RIGHT	
4.211	4.256	GUARD/GUIDE WALL	RIGHT	
4.366	4.410	PULLOUT	RIGHT	
4.439	4.439	SIGN	RIGHT	REGULATORY, SPEED LIMIT 20
4.441	4.441	SIGN	RIGHT	REGULATORY, SPEED LIMIT 35
4.467	4.468	GUARD/GUIDE WALL	RIGHT	
4.493	4.493	SIGN	RIGHT	GUIDE, CLEETWOOD TRAIL BOAT TOURS PARKING
4.502	4.502	SIGN	RIGHT	GUIDE, RIM VILLAGE 11 HWY 138 15 HWY 62 18
4.506	4.506	SIGN	RIGHT	WARNING, GRAPHIC SIGN, NO TEXT
4.525	4.531	CURB	LEFT	
4.534	4.534	INTERSECTION	LEFT	ROUTE 0927 (CLEETWOOD TRAIL PARKING)
4.538	4.543	CURB	LEFT	
4.544	4.544	GATE	N/A	
4.567	4.606	GUARD/GUIDE RAIL	RIGHT	

CRLA: ROUTE MAINTENANCE FEATURES ROAD LOG

ROUTE 0013: EAST RIM DRIVE

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
4.570	4.570	SIGN	RIGHT	GUIDE, CLEETWOOD TRAIL BOAT TOURS PARKING
4.589	4.589	SIGN	RIGHT	REGULATORY, SPEED LIMIT 20
4.639	4.639	SIGN	RIGHT	REGULATORY, SPEED LIMIT 35
4.663	4.674	GUARD/GUIDE WALL	RIGHT	
4.699	4.699	SIGN	RIGHT	REGULATORY, REDUCED SPEED AHEAD
4.710	4.710	INTERSECTION	RIGHT	ROUTE 0928 (THE CLEETWOOD OVER FLOW PARKING)
4.731	4.758	GUARD/GUIDE WALL	RIGHT	
4.735	4.760	PULLOUT	RIGHT	
4.800	4.810	RETAINING WALL	LEFT	CRLA-0013-4.795-L
4.803	4.815	GUARD/GUIDE WALL	RIGHT	
4.989	5.120	PAVED DITCH	LEFT	
5.031	5.031	DROP INLET	LEFT	
5.050	5.050	CULVERT	N/A	
5.265	5.352	PULLOUT	LEFT	
5.513	5.513	CULVERT	N/A	
5.674	5.789	PAVED DITCH	LEFT	
5.847	5.858	GUARD/GUIDE WALL	RIGHT	
5.915	5.963	GUARD/GUIDE WALL	RIGHT	
5.941	5.990	PULLOUT	RIGHT	
6.274	6.360	PULLOUT	RIGHT	
6.278	6.311	PAVED DITCH	LEFT	
6.294	6.295	GUARD/GUIDE WALL	RIGHT	
6.340	6.407	GUARD/GUIDE WALL	RIGHT	
6.418	6.441	GUARD/GUIDE WALL	RIGHT	
6.711	6.757	PAVED DITCH	LEFT	
6.712	6.712	DROP INLET	LEFT	
6.738	6.738	CULVERT	N/A	
6.808	6.808	CULVERT	N/A	
6.982	6.982	SIGN	RIGHT	GUIDE, CLOUDCAP 6 PHANTOM SHIP OVERLOOK 10 HWY 62 23
6.994	6.994	CULVERT	N/A	
7.594	7.594	CULVERT	N/A	
7.826	7.826	INTERSECTION	RIGHT	ROUTE 0929 (LOWER SKELL OVERLOOK)
7.864	7.864	INTERSECTION	RIGHT	ROUTE 0929 (LOWER SKELL OVERLOOK)
7.956	7.956	INTERSECTION	RIGHT	ROUTE 0930 (OVERLOOK PARKING)

CRLA: ROUTE MAINTENANCE FEATURES ROAD LOG

ROUTE 0013: EAST RIM DRIVE

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
7.990	7.990	INTERSECTION	RIGHT	ROUTE 0930 (OVERLOOK PARKING)
8.388	8.388	CULVERT	N/A	
8.459	8.459	INTERSECTION	RIGHT	ROUTE 0931 (SKELL HEAD PICNIC AREA)
8.618	8.618	INTERSECTION	RIGHT	ROUTE 0932 (SKELL HEAD OVERLOOK)
8.656	8.891	PAVED DITCH	LEFT	
8.679	8.679	DROP INLET	LEFT	
8.699	8.699	INTERSECTION	RIGHT	ROUTE 0932 (SKELL HEAD OVERLOOK)
8.803	8.803	CULVERT	N/A	
9.531	9.531	CULVERT	N/A	
9.671	9.671	SIGN	RIGHT	REGULATORY, SPEED LIMIT 35
9.691	9.691	CULVERT	N/A	
9.706	9.732	PAVED DITCH	LEFT	
9.996	9.996	CULVERT	N/A	
10.086	10.113	PULLOUT	LEFT	
10.087	10.188	GUARD/GUIDE WALL	LEFT	
10.112	10.136	RETAINING WALL	LEFT	CRLA-0013-10.091-L
10.138	10.162	PULLOUT	LEFT	
10.178	10.178	CULVERT	N/A	
10.258	10.258	DROP INLET	LEFT	
10.310	10.310	CULVERT	N/A	
10.579	10.579	CULVERT	N/A	
10.647	10.647	CULVERT	N/A	
10.734	10.734	CULVERT	N/A	
10.761	10.761	SIGN	RIGHT	GUIDE, WHITEBARK PINE 500 FT
10.845	10.845	INTERSECTION	LEFT	ROUTE 0933 (WHITEBARK PICNIC AREA)
10.914	10.914	SIGN	RIGHT	GUIDE, WHITEBARK PINE 500 FT
10.916	10.916	SIGN	RIGHT	GUIDE, MT SCOTT 500 FT
10.966	10.966	INTERSECTION	LEFT	ROUTE 0934 (MOUNT SCOTT TRAIL PARKING)
10.985	10.985	SIGN	RIGHT	GUIDE, UNABLE TO READ FROM VIDEO
11.004	11.004	SIGN	RIGHT	GUIDE, CLEETWOOD TRAIL 6 BOAT TOURS HWY 138 21
11.048	11.048	SIGN	RIGHT	GUIDE, CLOUDCAP PHANTOM SHIP OVERLOOK THE PINNACLES HWY 62
11.071	11.071	SIGN	RIGHT	GUIDE, MT SCOTT 500 FT
11.099	11.099	INTERSECTION	RIGHT	ROUTE 0201AZ (CLOUDCAP VIEWPOINT ROAD)

CRLA: ROUTE MAINTENANCE FEATURES ROAD LOG

ROUTE 0013: EAST RIM DRIVE

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
11.288	11.288	INTERSECTION	RIGHT	ROUTE 0201BZ (CLOUDCAP VIEWPOINT ROAD SPUR)
11.321	11.321	SIGN	RIGHT	GUIDE, CLOUDCAP CLEETWOOD TRAIL HWY 138
11.390	11.390	CULVERT	N/A	
11.425	11.425	SIGN	RIGHT	GUIDE, THE PINNACLES ROAD 4 PHANTOM SHIP OVERLOOK 4 HWY 62 16
11.764	11.764	CULVERT	N/A	
11.974	11.974	CULVERT	N/A	
12.180	12.180	CULVERT	N/A	
12.371	12.371	INTERSECTION	RIGHT	ROUTE 0936 (PUMICE CASTLE)
12.598	12.598	INTERSECTION	RIGHT	ROUTE 0937 (CASTLE ROCK OVERLOOK)
12.667	12.667	INTERSECTION	RIGHT	ROUTE 0937 (CASTLE ROCK OVERLOOK)
12.807	12.807	INTERSECTION	RIGHT	ROUTE 0938 (SENTINEL POINT OVERLOOK)
12.871	12.871	INTERSECTION	RIGHT	ROUTE 0938 (SENTINEL POINT OVERLOOK)
13.115	13.115	CULVERT	N/A	
13.317	13.317	CULVERT	N/A	
13.470	13.470	CULVERT	N/A	
13.777	13.777	SIGN	RIGHT	WARNING, FALLING ROCKS
13.792	13.792	CULVERT	N/A	
13.930	13.970	RETAINING WALL	LEFT	CRLA-0013-13.891-L
13.931	13.972	GUARD/GUIDE WALL	LEFT	
14.266	14.266	CULVERT	N/A	
14.329	14.329	CULVERT	N/A	
14.580	14.580	CULVERT	N/A	
14.699	14.699	SIGN	RIGHT	GUIDE, CLOUDCAP 4 CLEETWOOD TRAIL 10 BOAT TOURS HWY 138 25
14.728	14.728	SIGN	RIGHT	GUIDE, HWY 62 PHANTOM SHIP THE PINNACLES LOST CREEK CAMPGROUND
14.771	14.771	INTERSECTION	RIGHT	ROUTE 0939 (PHANTOM SHIP OVERLOOK)
14.859	14.859	INTERSECTION	RIGHT	ROUTE 0939 (PHANTOM SHIP OVERLOOK)
14.921	14.921	INTERSECTION	LEFT	ROUTE 0100 (PINNACLES ROAD)
14.955	14.955	SIGN	RIGHT	GUIDE, CLOUDCAP PHANTOM SHIP THE PINNACLES LOST CREEK CAMPGROUND
14.962	14.962	CULVERT	N/A	
15.029	15.029	SIGN	RIGHT	WARNING, FALLING ROCKS
15.078	15.078	CULVERT	N/A	
15.128	15.128	SIGN	RIGHT	GUIDE, RIM VILLAGE 11 MAZAMA VILLAGE 12 HWY 62 12

CRLA: ROUTE MAINTENANCE FEATURES ROAD LOG

ROUTE 0013: EAST RIM DRIVE

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
15.271	15.298	RETAINING WALL	LEFT	CRLA-0013-15.23-L
15.273	15.325	GUARD/GUIDE WALL	LEFT	
15.325	15.390	RETAINING WALL	LEFT	CRLA-0013-15.283-L
15.344	15.374	GUARD/GUIDE WALL	LEFT	
15.394	15.425	GUARD/GUIDE WALL	LEFT	
15.395	15.416	PULLOUT	LEFT	
15.415	15.419	RETAINING WALL	LEFT	CRLA-0013-15.373-L
15.419	15.450	RETAINING WALL	LEFT	CRLA-0013-15.377-L
15.450	15.473	RETAINING WALL	LEFT	CRLA-0013-15.407-L
15.490	15.520	RETAINING WALL	LEFT	CRLA-0013-15.449-L
15.504	15.540	GUARD/GUIDE WALL	LEFT	
15.537	15.615	RETAINING WALL	LEFT	CRLA-0013-15.495-L
15.561	15.583	GUARD/GUIDE WALL	LEFT	
15.603	15.823	GUARD/GUIDE WALL	LEFT	
15.623	15.656	RETAINING WALL	LEFT	CRLA-0013-15.581-L
15.667	15.719	PULLOUT	LEFT	
15.719	15.719	CULVERT	N/A	
15.758	15.758	CULVERT	N/A	
15.764	15.824	PULLOUT	LEFT	
15.901	15.901	SIGN	RIGHT	WARNING, FALLING ROCKS
15.954	15.954	CULVERT	N/A	
16.004	16.004	CULVERT	N/A	
16.032	16.032	CULVERT	N/A	
16.174	16.174	CULVERT	N/A	
16.291	16.291	CULVERT	N/A	
16.413	16.413	CULVERT	N/A	
16.518	16.518	CULVERT	N/A	
16.676	16.676	CULVERT	N/A	
16.782	16.782	CULVERT	N/A	
16.789	16.831	PULLOUT	LEFT	
16.902	16.902	CULVERT	N/A	
16.966	16.966	CULVERT	N/A	
17.093	17.093	CULVERT	N/A	
17.229	17.229	CULVERT	N/A	

CRLA: ROUTE MAINTENANCE FEATURES ROAD LOG

ROUTE 0013: EAST RIM DRIVE

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
17.300	17.300	CULVERT	N/A	
17.474	17.507	PULLOUT	LEFT	
17.673	17.673	SIGN	RIGHT	WARNING, FALLING ROCK
17.756	17.756	CULVERT	N/A	
17.776	17.828	PULLOUT	LEFT	
17.778	17.969	GUARD/GUIDE WALL	LEFT	
17.832	17.860	RETAINING WALL	LEFT	CRLA-0013-17.782-L
18.259	18.692	GUARD/GUIDE WALL	LEFT	
18.259	18.317	PULLOUT	LEFT	
18.326	18.399	PULLOUT	LEFT	
18.386	18.420	RETAINING WALL	LEFT	CRLA-0013-18.334-L
18.568	18.615	RETAINING WALL	LEFT	CRLA-0013-18.515-L
18.608	18.655	PULLOUT	LEFT	
18.740	18.740	CULVERT	N/A	
18.798	18.798	SIGN	RIGHT	WARNING, FALLING ROCKS
18.840	18.840	INTERSECTION	RIGHT	ROUTE 0941 (SUN NOTCH PARKING)
18.902	18.902	SIGN	RIGHT	WARNING, FALLING ROCKS
18.974	18.974	CULVERT	N/A	
19.070	19.070	CULVERT	N/A	
19.384	19.384	CULVERT	N/A	
19.516	19.516	CULVERT	N/A	
19.604	19.604	CULVERT	N/A	
19.690	19.690	CULVERT	N/A	
20.043	20.043	SIGN	RIGHT	REGULATORY, SPEED LIMIT 20
20.062	20.062	CULVERT	N/A	
20.107	20.107	SIGN	RIGHT	GUIDE, VIDAE CRATER PEAK 300 FT
20.125	20.125	SIGN	RIGHT	GUIDE, VIDAE FALLS 500 FT
20.128	20.128	SIGN	RIGHT	REGULATORY, SPEED LIMIT 35
20.163	20.163	INTERSECTION	LEFT	ROUTE 0204 (VIDAE FALLS PICNIC AREA)
20.208	20.208	INTERSECTION	RIGHT	ROUTE 0942 (VIDAE FALLS PARKING)
20.212	20.212	CULVERT	N/A	
20.235	20.235	SIGN	RIGHT	GUIDE, VIDAE CRATER PEAK 300 FT
20.306	20.306	SIGN	RIGHT	REGULATORY, SPEED LIMIT 20
20.308	20.308	SIGN	RIGHT	REGULATORY, SPEED LIMIT 35

CRLA: ROUTE MAINTENANCE FEATURES ROAD LOG

ROUTE 0013: EAST RIM DRIVE

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
20.327	20.327	SIGN	RIGHT	GUIDE, VIDAE FALLS 500 FT
20.540	20.540	CULVERT	N/A	
20.916	20.916	CULVERT	N/A	
21.040	21.040	SIGN	RIGHT	REGULATORY, SPEED LIMIT 35
21.161	21.161	CULVERT	N/A	
21.323	21.323	CULVERT	N/A	
21.559	21.559	CULVERT	N/A	
21.647	21.647	CULVERT	N/A	
21.808	21.808	CULVERT	N/A	
21.922	21.922	CULVERT	N/A	
21.960	21.960	CULVERT	N/A	
22.137	22.137	CULVERT	N/A	
22.353	22.353	CULVERT	N/A	
22.728	22.728	SIGN	RIGHT	GUIDE, CASTLE CREST 500 FT
22.734	22.734	CULVERT	N/A	
22.760	22.760	SIGN	RIGHT	WARNING, CONGESTED AREA
22.760	22.760	SIGN	RIGHT	WARNING, 25 M.P.H.
22.768	22.768	CULVERT	N/A	
22.806	22.806	CULVERT	N/A	
22.816	22.816	SIGN	RIGHT	REGULATORY, SPEED LIMIT 35
22.829	22.829	CULVERT	N/A	
22.853	22.853	INTERSECTION	RIGHT	ROUTE 0944 (CASTLE CREST PARKING)
22.866	22.866	SIGN	LEFT	GUIDE, CASTLE CREST WILD FLOWER GARDEN
22.866	22.866	SIGN	RIGHT	GUIDE, CASTLE CREST WILD FLOWER GARDEN
22.957	22.957	SIGN	RIGHT	WARNING, CONGESTED AREA
22.957	22.957	SIGN	RIGHT	WARNING, 25 M.P.H.
22.976	22.976	CULVERT	N/A	
22.995	22.995	SIGN	RIGHT	GUIDE, CASTLE CREST 500 FT
23.045	23.045	SIGN	RIGHT	GUIDE, PHANTOM SHIP OVERLOOK 8 THE PINNACLES ROAD 8 HIGHWAY 138 33
23.134	23.134	SIGN	RIGHT	WARNING, GRAPHIC SIGN, NO TEXT
23.177	23.177	SIGN	N/A	REGULATORY, GRAPHIC SIGN, NO TEXT
23.177	23.177	SIGN	N/A	REGULATORY, ROAD CLOSED
23.177	23.177	GATE	N/A	

CRLA: ROUTE MAINTENANCE FEATURES ROAD LOG

ROUTE 0013: EAST RIM DRIVE

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
23.189	23.189	SIGN	RIGHT	REGULATORY, STOP
23.190	23.190	INTERSECTION	LEFT	ROUTE 0012 (MUNSON VALLEY ROAD)
23.190	23.190	INTERSECTION	RIGHT	ROUTE 0012 (MUNSON VALLEY ROAD)
23.190	23.190	SIGN	N/A	GUIDE, UNABLE TO READ FROM VIDEO
23.190	23.190	ROUTE END	N/A	TO ROUTE 0012 (MUNSON VALLEY ROAD) AT MP 3.90 (ON RIGHT)

CRLA: ROUTE MAINTENANCE FEATURES ROAD LOG

ROUTE 0014: WEST RIM DRIVE

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.000	0.000	ROUTE BEGIN	N/A	FROM ROUTE 0012 (MUNSON VALLEY ROAD) AT MP 6.72 (ON LEFT)
0.000	0.000	INTERSECTION	LEFT	ROUTE 0012 (MUNSON VALLEY ROAD)
0.000	0.000	INTERSECTION	RIGHT	ROUTE 0012 (MUNSON VALLEY ROAD)
0.004	0.004	SIGN	RIGHT	REGULATORY, STOP
0.015	0.015	GATE	N/A	
0.048	0.048	SIGN	RIGHT	GUIDE, CLEETWOOD TRAIL BOAT TOURS 11 HWY 138 16
0.053	0.053	SIGN	RIGHT	WARNING, STOP AHEAD
0.064	0.064	CULVERT	N/A	
0.089	0.089	SIGN	RIGHT	REGULATORY, SPEED LIMIT 35
0.097	0.097	SIGN	RIGHT	GUIDE, RIM VILLAGE MAZAMA VILLAGE HWY 62
0.139	0.164	PULLOUT	RIGHT	
0.171	0.185	GUARD/GUIDE WALL	RIGHT	
0.204	0.214	GUARD/GUIDE WALL	RIGHT	
0.529	0.529	CULVERT	N/A	
0.600	0.600	CULVERT	N/A	
0.907	0.907	CULVERT	N/A	
1.030	1.030	CULVERT	N/A	
1.095	1.095	INTERSECTION	RIGHT	ROUTE 0900 (DISCOVERY POINT)
1.149	1.149	GATE	N/A	
1.322	1.322	CULVERT	N/A	
1.342	1.342	CULVERT	N/A	
1.523	1.523	CULVERT	N/A	
1.577	1.636	PULLOUT	RIGHT	
1.639	1.639	CULVERT	N/A	
1.666	1.666	SIGN	RIGHT	WARNING, FALLING ROCK
1.748	1.748	CULVERT	N/A	
2.166	2.233	PULLOUT	RIGHT	
2.187	2.223	GUARD/GUIDE WALL	RIGHT	
2.284	2.284	SIGN	RIGHT	GUIDE, LIGHTNING SPRINGS 500 FT
2.286	2.286	SIGN	LEFT	GUIDE, LIGHTNING SPRINGS TRAILHEAD
2.296	2.296	CULVERT	N/A	
2.392	2.392	INTERSECTION	RIGHT	ROUTE 0902 (DISCOVERY POINT PICNIC AREA)
2.422	2.422	CULVERT	N/A	

CRLA: ROUTE MAINTENANCE FEATURES ROAD LOG

ROUTE 0014: WEST RIM DRIVE

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
2.508	2.508	SIGN	RIGHT	GUIDE, LIGHTNING SPRINGS 500 FT
2.682	2.682	CULVERT	N/A	
2.857	2.880	RETAINING WALL	LEFT	CRLA-0014-2.856-L
2.862	2.884	GUARD/GUIDE WALL	LEFT	
2.900	2.961	RETAINING WALL	LEFT	CRLA-0014-2.899-L
2.903	2.976	GUARD/GUIDE WALL	LEFT	
2.995	2.995	INTERSECTION	LEFT	ROUTE 0903 (UNION PEAK OVERLOOK)
3.134	3.134	CULVERT	N/A	
3.166	3.166	CULVERT	N/A	
3.227	3.227	CULVERT	N/A	
3.237	3.237	CULVERT	N/A	
3.320	3.351	GUARD/GUIDE WALL	LEFT	
3.323	3.333	RETAINING WALL	LEFT	CRLA-0014-3.32-L
3.333	3.338	RETAINING WALL	LEFT	CRLA-0014-3.331-L
3.359	3.363	RETAINING WALL	LEFT	CRLA-0014-3.355-L
3.359	3.418	GUARD/GUIDE WALL	LEFT	
3.367	3.391	PULLOUT	LEFT	
3.407	3.431	PULLOUT	LEFT	
3.686	3.758	CURB	RIGHT	
3.702	3.702	SIGN	RIGHT	GUIDE, UNABLE TO READ FROM VIDEO
3.709	3.761	GUARD/GUIDE WALL	RIGHT	
3.710	3.741	RETAINING WALL	RIGHT	CRLA-0014-3.707-R
3.725	3.740	CURB	LEFT	
3.761	3.761	INTERSECTION	RIGHT	ROUTE 0904 (THE CORRALS)
3.766	3.808	CURB	RIGHT	
3.808	3.808	SIGN	RIGHT	REGULATORY, DO NOT ENTER
3.812	3.812	INTERSECTION	RIGHT	ROUTE 0904 (THE CORRALS)
3.820	3.894	CURB-AND-GUTTER	RIGHT	
3.823	3.897	PULLOUT	RIGHT	
4.033	4.033	CULVERT	N/A	
4.040	4.040	CULVERT	N/A	
4.050	4.050	CULVERT	N/A	
4.460	4.460	INTERSECTION	LEFT	ROUTE 0905 (DIAMOND LAKE OVERLOOK)
4.547	4.547	CULVERT	N/A	

CRLA: ROUTE MAINTENANCE FEATURES ROAD LOG

ROUTE 0014: WEST RIM DRIVE

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
4.632	4.632	CULVERT	N/A	
4.707	4.707	CULVERT	N/A	
4.769	4.769	CULVERT	N/A	
4.867	4.867	CULVERT	N/A	
4.940	5.030	PULLOUT	RIGHT	
5.064	5.064	CULVERT	N/A	
5.128	5.128	CULVERT	N/A	
5.222	5.222	CULVERT	N/A	
5.364	5.364	CULVERT	N/A	
5.376	5.376	CULVERT	N/A	
5.465	5.560	PULLOUT	RIGHT	
5.485	5.542	GUARD/GUIDE WALL	RIGHT	
5.699	5.699	INTERSECTION	RIGHT	ROUTE 0906 (GLACIAL VALLEYS)
5.820	5.820	SIGN	RIGHT	GUIDE, RIM VILLAGE 6 MAZAMA VILLAGE 13 HWY 62 13
5.858	5.858	INTERSECTION	RIGHT	ROUTE 0907 (NORTH JUNCTION PARKING)
5.893	5.893	SIGN	RIGHT	GUIDE, HWY 138 RIM DRIVE (EAST) CLEETWOOD TRAIL BOAT TOURS
5.920	5.920	INTERSECTION	N/A	ROUTE 0010 (NORTH ENTRANCE ROAD)
5.920	5.920	INTERSECTION	RIGHT	ROUTE 0013 (EAST RIM DRIVE)
5.920	5.920	ROUTE END	N/A	TO INTERSECTION OF ROUTES 0010 AND 0013

CRLA: ROUTE MAINTENANCE FEATURES ROAD LOG

ROUTE 0100: PINNACLES ROAD

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.000	0.000	ROUTE BEGIN	N/A	FROM ROUTE 0013 (EAST RIM DRIVE) AT MP 14.92 (ON LEFT)
0.000	0.000	SIGN	N/A	GUIDE, HWY 62 CLEETWOOD TRAIL BOAT TOURS HWY 138
0.000	0.000	INTERSECTION	RIGHT	ROUTE 0013 (EAST RIM DRIVE)
0.000	0.000	INTERSECTION	LEFT	ROUTE 0013 (EAST RIM DRIVE)
0.012	0.012	SIGN	RIGHT	REGULATORY, STOP
0.028	0.028	SIGN	RIGHT	GUIDE, LOST CREEK CAMPGROUND 3 THE PINNACLES 7 (END OF ROAD)
0.040	0.040	CULVERT	N/A	
0.123	0.123	SIGN	RIGHT	WARNING, 20 M.P.H.
0.123	0.123	SIGN	RIGHT	WARNING, FALLING ROCKS
0.746	0.746	CULVERT	N/A	
0.947	0.947	SIGN	RIGHT	WARNING, FALLING ROCKS
1.211	1.211	SIGN	RIGHT	REGULATORY, SPEED LIMIT 35
1.276	1.276	INTERSECTION	LEFT	UNPAVED ROUTE
1.534	1.534	CULVERT	N/A	
1.777	1.777	CULVERT	N/A	
2.205	2.205	CULVERT	N/A	
2.488	2.488	CULVERT	N/A	
2.692	2.692	INTERSECTION	RIGHT	UNPAVED ROUTE
2.968	2.968	SIGN	RIGHT	REGULATORY, SPEED LIMIT 20
2.970	2.970	SIGN	RIGHT	REGULATORY, SPEED LIMIT 35
3.026	3.026	SIGN	RIGHT	GUIDE, THE PINNACLES LOST CREEK CAMPGROUND GREYBACK DRIVE
3.125	3.125	INTERSECTION	RIGHT	ROUTE 0206 (GREYBACK DRIVE)
3.205	3.205	SIGN	RIGHT	GUIDE, RIM DRIVE LOST CREEK CAMPGROUND GREYBACK DRIVE
3.215	3.215	SIGN	RIGHT	REGULATORY, SPEED LIMIT 35
3.282	3.282	SIGN	RIGHT	REGULATORY, SPEED LIMIT 20
5.325	5.325	CULVERT	N/A	
5.789	5.789	SIGN	RIGHT	REGULATORY, SPEED LIMIT 20
5.791	5.791	SIGN	RIGHT	REGULATORY, SPEED LIMIT 35
5.890	5.890	SIGN	RIGHT	WARNING, DEAD END
5.920	5.920	INTERSECTION	N/A	ROUTE 0940 (THE PINNACLES OVERLOOK)
5.920	5.920	INTERSECTION	LEFT	ROUTE 0940 (THE PINNACLES OVERLOOK)
5.920	5.920	ROUTE END	N/A	TO ROUTE 0940 (THE PINNACLES OVERLOOK)

CRLA: ROUTE MAINTENANCE FEATURES ROAD LOG

ROUTE 0200: MAZAMA CAMPGROUND ACCESS ROAD

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.000	0.000	ROUTE BEGIN	N/A	FROM ROUTE 0012 (MUNSON VALLEY ROAD) AT MP 0.30 (ON RIGHT)
0.000	0.000	INTERSECTION	LEFT	ROUTE 0012 (MUNSON VALLEY ROAD)
0.000	0.000	INTERSECTION	RIGHT	ROUTE 0012 (MUNSON VALLEY ROAD)
0.000	0.000	SIGN	N/A	GUIDE, UNABLE TO READ FROM VIDEO
0.003	0.003	SIGN	RIGHT	REGULATORY, STOP
0.052	0.052	INTERSECTION	LEFT	UNPAVED ROUTE
0.062	0.062	SIGN	RIGHT	REGULATORY, SPEED LIMIT 20
0.082	0.082	SIGN	RIGHT	REGULATORY, WARNING BEARS ARE IN THIS CAMPGROUND OBEY ALL REGULATIONS
0.129	0.129	INTERSECTION	LEFT	ROUTE 0200 (MAZAMA CAMPGROUND ACCESS ROAD)
0.134	0.134	SIGN	LEFT	GUIDE, MAZAMA VILLAGE CAMPGROUND GASOLINE STORE-LODGING
0.152	0.152	INTERSECTION	LEFT	ROUTE 0947AZ (MAZAMA VILLAGE STORE PARKING A)
0.166	0.166	INTERSECTION	LEFT	ROUTE 0947AZ (MAZAMA VILLAGE STORE PARKING A)
0.178	0.178	SIGN	LEFT	GUIDE, CAMPGROUND MOTOR INN GAS EXIT
0.180	0.180	INTERSECTION	RIGHT	ROUTE 0947CZ (MAZAMA VILLAGE STORE PARKING C)
0.215	0.215	INTERSECTION	LEFT	ROUTE 0947AZ (MAZAMA VILLAGE STORE PARKING A)
0.220	0.220	INTERSECTION	RIGHT	ROUTE 0947BZ (MAZAMA VILLAGE STORE PARKING B)
0.245	0.245	SIGN	RIGHT	GUIDE, UNABLE TO READ FROM VIDEO
0.256	0.256	INTERSECTION	LEFT	ROUTE 0947AZ (MAZAMA VILLAGE STORE PARKING A)
0.284	0.284	INTERSECTION	RIGHT	ROUTE 0202 (MAZAMA MOTOR LODGE)
0.287	0.287	SIGN	RIGHT	GUIDE, CAMPGROUND GAS EXIT MOTOR INN
0.306	0.306	SIGN	RIGHT	GUIDE, STORE GAS
0.310	0.310	INTERSECTION	LEFT	ROUTE 0947AZ (MAZAMA VILLAGE STORE PARKING A)
0.317	0.317	SIGN	RIGHT	GUIDE, LODGING CAMPING
0.326	0.326	SIGN	RIGHT	REGULATORY, STOP
0.328	0.328	INTERSECTION	RIGHT	ROUTE 0203GZ (MAZAMA CAMPGROUND LOOP G)
0.330	0.330	SIGN	N/A	GUIDE, LOOP A-B EXIT LOOP C-G
0.344	0.344	INTERSECTION	RIGHT	ROUTE 0203BZ (MAZAMA CAMPGROUND LOOP B)
0.346	0.346	SIGN	RIGHT	GUIDE, LOOP B
0.346	0.346	SIGN	RIGHT	REGULATORY, ONE WAY
0.383	0.383	INTERSECTION	RIGHT	ROUTE 0203AZ (MAZAMA CAMPGROUND LOOP A)
0.450	0.450	INTERSECTION	LEFT	ROUTE 0947AZ (MAZAMA VILLAGE STORE PARKING A)
0.460	0.460	INTERSECTION	LEFT	ROUTE 0200 (MAZAMA CAMPGROUND ACCESS ROAD)

CRLA: ROUTE MAINTENANCE FEATURES ROAD LOG

ROUTE 0200: MAZAMA CAMPGROUND ACCESS ROAD

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.460	0.460	INTERSECTION	N/A	ROUTE 0200 (MAZAMA CAMPGROUND ACCESS ROAD)
0.460	0.460	ROUTE END	N/A	TO END OF LOOP

CRLA: ROUTE MAINTENANCE FEATURES ROAD LOG

ROUTE 0201AZ: CLOUDCAP VIEWPOINT ROAD

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.000	0.000	ROUTE BEGIN	N/A	FROM ROUTE 0013 (EAST RIM DRIVE) AT MP 11.10 (ON RIGHT)
0.000	0.000	INTERSECTION	LEFT	ROUTE 0013 (EAST RIM DRIVE)
0.000	0.000	INTERSECTION	N/A	ROUTE 0013 (EAST RIM DRIVE)
0.016	0.016	CULVERT	N/A	
0.025	0.025	SIGN	RIGHT	REGULATORY, STOP
0.190	0.190	INTERSECTION	LEFT	ROUTE 0201BZ (CLOUDCAP VIEWPOINT ROAD SPUR)
0.250	0.250	SIGN	RIGHT	GUIDE, THE PINNACLES CLEETWOOD TRAIL HWY 138
0.257	0.257	INTERSECTION	RIGHT	ROUTE 0945 (MOUNT SCOTT OVERLOOK)
0.486	0.486	CULVERT	N/A	
0.527	0.527	CULVERT	N/A	
0.704	0.704	CULVERT	N/A	
0.771	0.771	CULVERT	N/A	
1.033	1.033	INTERSECTION	LEFT	ROUTE 0201AZ (CLOUDCAP VIEWPOINT ROAD)
1.041	1.041	SIGN	LEFT	REGULATORY, ONE WAY
1.107	1.107	INTERSECTION	RIGHT	ROUTE 0935 (CLOUDCAP OVERLOOK)
1.114	1.114	SIGN	LEFT	GUIDE, GRAPHIC SIGN, NO TEXT
1.170	1.170	INTERSECTION	LEFT	ROUTE 0201AZ (CLOUDCAP VIEWPOINT ROAD)
1.170	1.170	INTERSECTION	RIGHT	ROUTE 0201AZ (CLOUDCAP VIEWPOINT ROAD)
1.170	1.170	ROUTE END	N/A	TO END OF LOOP

CRLA: ROUTE MAINTENANCE FEATURES ROAD LOG

ROUTE 0201BZ: CLOUDCAP VIEWPOINT ROAD SPUR

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.000	0.000	ROUTE BEGIN	N/A	FROM ROUTE 0013 (EAST RIM DRIVE) AT MP 11.29 (ON RIGHT)
0.000	0.000	INTERSECTION	N/A	ROUTE 0013 (EAST RIM DRIVE)
0.000	0.000	INTERSECTION	RIGHT	ROUTE 0013 (EAST RIM DRIVE)
0.007	0.007	SIGN	RIGHT	REGULATORY, STOP
0.134	0.134	SIGN	RIGHT	WARNING, GRAPHIC SIGN, NO TEXT
0.137	0.137	SIGN	RIGHT	REGULATORY, YIELD
0.160	0.160	INTERSECTION	N/A	ROUTE 0201AZ (CLOUDCAP VIEWPOINT ROAD)
0.160	0.160	INTERSECTION	RIGHT	ROUTE 0201AZ (CLOUDCAP VIEWPOINT ROAD)
0.160	0.160	ROUTE END	N/A	TO ROUTE 0201AZ (CLOUDCAP VIEWPOINT ROAD) AT MP 0.21 (ON LEFT)

CRLA: ROUTE MAINTENANCE FEATURES ROAD LOG

ROUTE 0203AZ: MAZAMA CAMPGROUND LOOP A

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.000	0.000	ROUTE BEGIN	N/A	FROM ROUTE 0200 (MAZAMA CAMPGROUND ACCESS ROAD) AT MP 0.38 (ON RIGHT)
0.000	0.000	INTERSECTION	LEFT	ROUTE 0200 (MAZAMA CAMPGROUND ACCESS ROAD)
0.000	0.000	INTERSECTION	RIGHT	ROUTE 0200 (MAZAMA CAMPGROUND ACCESS ROAD)
0.007	0.007	INTERSECTION	RIGHT	ROUTE 0203AZ (MAZAMA CAMPGROUND LOOP A)
0.008	0.008	SIGN	LEFT	GUIDE, LOOP A
0.008	0.008	SIGN	LEFT	REGULATORY, ONE WAY
0.160	0.160	INTERSECTION	N/A	ROUTE 0203AZ (MAZAMA CAMPGROUND LOOP A)
0.160	0.160	INTERSECTION	RIGHT	ROUTE 0203AZ (MAZAMA CAMPGROUND LOOP A)
0.160	0.160	SIGN	N/A	GUIDE, EXIT
0.160	0.160	SIGN	RIGHT	REGULATORY, UNABLE TO READ FROM VIDEO
0.160	0.160	SIGN	RIGHT	REGULATORY, UNABLE TO READ FROM VIDEO
0.160	0.160	ROUTE END	N/A	TO END OF LOOP

CRLA: ROUTE MAINTENANCE FEATURES ROAD LOG

ROUTE 0203BZ: MAZAMA CAMPGROUND LOOP B

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.000	0.000	ROUTE BEGIN	N/A	FROM ROUTE 0200 (MAZAMA CAMPGROUND ACCESS ROAD) AT MP 0.34 (ON RIGHT)
0.000	0.000	INTERSECTION	LEFT	ROUTE 0200 (MAZAMA CAMPGROUND ACCESS ROAD)
0.000	0.000	INTERSECTION	RIGHT	ROUTE 0200 (MAZAMA CAMPGROUND ACCESS ROAD)
0.002	0.002	CULVERT	N/A	
0.180	0.180	INTERSECTION	LEFT	ROUTE 0203GZ (MAZAMA CAMPGROUND LOOP G)
0.180	0.180	INTERSECTION	RIGHT	ROUTE 0203GZ (MAZAMA CAMPGROUND LOOP G)
0.180	0.180	SIGN	N/A	GUIDE, EXIT
0.180	0.180	ROUTE END	N/A	TO ROUTE 0203GZ (MAZAMA CAMPGROUND LOOP G) AT MP 0.01 (ON LEFT)

CRLA: ROUTE MAINTENANCE FEATURES ROAD LOG

ROUTE 0203CZ: MAZAMA CAMPGROUND LOOP C

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.000	0.000	ROUTE BEGIN	N/A	FROM ROUTE 0203GZ (MAZAMA CAMPGROUND LOOP G) AT MP 0.04 (ON LEFT)
0.000	0.000	INTERSECTION	LEFT	ROUTE 0203GZ (MAZAMA CAMPGROUND LOOP G)
0.000	0.000	INTERSECTION	RIGHT	ROUTE 0203GZ (MAZAMA CAMPGROUND LOOP G)
0.000	0.000	INTERSECTION	N/A	ROUTE 0954 (MAZAMA DUMP STATION)
0.003	0.003	CULVERT	N/A	
0.005	0.005	SIGN	RIGHT	GUIDE, LOOP C
0.005	0.005	SIGN	RIGHT	REGULATORY, ONE WAY
0.257	0.257	CULVERT	N/A	
0.260	0.260	INTERSECTION	N/A	ROUTE 0954 (MAZAMA DUMP STATION)
0.260	0.260	SIGN	LEFT	GUIDE, EXIT
0.260	0.260	INTERSECTION	RIGHT	ROUTE 0203GZ (MAZAMA CAMPGROUND LOOP G)
0.260	0.260	INTERSECTION	LEFT	ROUTE 0203GZ (MAZAMA CAMPGROUND LOOP G)
0.260	0.260	ROUTE END	N/A	TO ROUTE 0203GZ (MAZAMA CAMPGROUND LOOP G) AT MP 0.07 (ON LEFT)

CRLA: ROUTE MAINTENANCE FEATURES ROAD LOG

ROUTE 0203DZ: MAZAMA CAMPGROUND LOOP D

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.000	0.000	ROUTE BEGIN	N/A	FROM ROUTE 0203GZ (MAZAMA CAMPGROUND LOOP G) AT MP 0.11 (ON LEFT)
0.000	0.000	INTERSECTION	LEFT	ROUTE 0203GZ (MAZAMA CAMPGROUND LOOP G)
0.000	0.000	INTERSECTION	RIGHT	ROUTE 0203GZ (MAZAMA CAMPGROUND LOOP G)
0.003	0.003	CULVERT	N/A	
0.006	0.006	SIGN	RIGHT	GUIDE, GRAPHIC SIGN, NO TEXT
0.006	0.006	SIGN	RIGHT	GUIDE, AMPHITHEATER
0.009	0.009	SIGN	RIGHT	GUIDE, LOOP D
0.009	0.009	SIGN	RIGHT	REGULATORY, ONE WAY
0.193	0.193	SIGN	LEFT	GUIDE, AMPHITHEATER
0.193	0.193	SIGN	LEFT	GUIDE, GRAPHIC SIGN, NO TEXT
0.350	0.350	CULVERT	N/A	
0.360	0.360	SIGN	LEFT	GUIDE, EXIT
0.360	0.360	INTERSECTION	LEFT	ROUTE 0203GZ (MAZAMA CAMPGROUND LOOP G)
0.360	0.360	INTERSECTION	RIGHT	ROUTE 0203GZ (MAZAMA CAMPGROUND LOOP G)
0.360	0.360	ROUTE END	N/A	TO ROUTE 0203GZ (MAZAMA CAMPGROUND LOOP G) AT MP 0.14 (ON LEFT)

CRLA: ROUTE MAINTENANCE FEATURES ROAD LOG

ROUTE 0203EZ: MAZAMA CAMPGROUND LOOP E

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.000	0.000	ROUTE BEGIN	N/A	FROM ROUTE 0203GZ (MAZAMA CAMPGROUND LOOP G) AT MP 0.17 (ON LEFT)
0.000	0.000	INTERSECTION	RIGHT	ROUTE 0203GZ (MAZAMA CAMPGROUND LOOP G)
0.000	0.000	INTERSECTION	LEFT	ROUTE 0203GZ (MAZAMA CAMPGROUND LOOP G)
0.004	0.004	SIGN	RIGHT	GUIDE, AMPHITHEATER
0.004	0.004	SIGN	RIGHT	GUIDE, GRAPHIC SIGN, NO TEXT
0.410	0.410	SIGN	N/A	GUIDE, EXIT
0.410	0.410	INTERSECTION	LEFT	ROUTE 0203GZ (MAZAMA CAMPGROUND LOOP G)
0.410	0.410	INTERSECTION	RIGHT	ROUTE 0203GZ (MAZAMA CAMPGROUND LOOP G)
0.410	0.410	ROUTE END	N/A	TO ROUTE 0203GZ (MAZAMA CAMPGROUND LOOP G) AT MP 0.19 (ON LEFT)

CRLA: ROUTE MAINTENANCE FEATURES ROAD LOG

ROUTE 0203FZ: MAZAMA CAMPGROUND LOOP F

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.000	0.000	ROUTE BEGIN	N/A	FROM ROUTE 0203GZ (MAZAMA CAMPGROUND LOOP G) AT MP 0.25 (ON LEFT)
0.000	0.000	INTERSECTION	LEFT	ROUTE 0203GZ (MAZAMA CAMPGROUND LOOP G)
0.000	0.000	INTERSECTION	RIGHT	ROUTE 0203GZ (MAZAMA CAMPGROUND LOOP G)
0.008	0.008	SIGN	RIGHT	GUIDE, LOOP F
0.044	0.044	INTERSECTION	RIGHT	ROUTE 0203GZ (MAZAMA CAMPGROUND LOOP G)
0.340	0.340	SIGN	N/A	GUIDE, EXIT
0.340	0.340	INTERSECTION	LEFT	ROUTE 0203GZ (MAZAMA CAMPGROUND LOOP G)
0.340	0.340	INTERSECTION	RIGHT	ROUTE 0203GZ (MAZAMA CAMPGROUND LOOP G)
0.340	0.340	ROUTE END	N/A	TO ROUTE 0203GZ (MAZAMA CAMPGROUND LOOP G) AT MP 0.30 (ON LEFT)

CRLA: ROUTE MAINTENANCE FEATURES ROAD LOG

ROUTE 0203GZ: MAZAMA CAMPGROUND LOOP G

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.000	0.000	ROUTE BEGIN	N/A	FROM ROUTE 0200 (MAZAMA CAMPGROUND ACCESS ROAD) AT MP 0.33 (ON RIGHT)
0.000	0.000	INTERSECTION	RIGHT	ROUTE 0200 (MAZAMA CAMPGROUND ACCESS ROAD)
0.000	0.000	INTERSECTION	N/A	ROUTE 0200 (MAZAMA CAMPGROUND ACCESS ROAD)
0.004	0.004	INTERSECTION	LEFT	ROUTE 0203BZ (MAZAMA CAMPGROUND LOOP B)
0.010	0.010	SIGN	LEFT	REGULATORY, DO NOT ENTER
0.017	0.017	SIGN	RIGHT	GUIDE, GRAPHIC SIGN, NO TEXT
0.017	0.017	SIGN	RIGHT	REGULATORY, GRAPHIC SIGN, NO TEXT
0.038	0.038	INTERSECTION	RIGHT	ROUTE 0954 (MAZAMA DUMP STATION)
0.042	0.042	INTERSECTION	LEFT	ROUTE 0203CZ (MAZAMA CAMPGROUND LOOP C)
0.072	0.072	INTERSECTION	LEFT	ROUTE 0203CZ (MAZAMA CAMPGROUND LOOP C)
0.072	0.072	INTERSECTION	RIGHT	ROUTE 0954 (MAZAMA DUMP STATION)
0.077	0.077	SIGN	LEFT	REGULATORY, DO NOT ENTER
0.107	0.107	SIGN	RIGHT	GUIDE, GRAPHIC SIGN, NO TEXT
0.107	0.107	SIGN	RIGHT	GUIDE, GRAPHIC SIGN, NO TEXT
0.111	0.111	INTERSECTION	LEFT	ROUTE 0203DZ (MAZAMA CAMPGROUND LOOP D)
0.135	0.135	INTERSECTION	LEFT	ROUTE 0203DZ (MAZAMA CAMPGROUND LOOP D)
0.141	0.141	SIGN	LEFT	REGULATORY, KEEP RIGHT
0.167	0.167	INTERSECTION	LEFT	ROUTE 0203EZ (MAZAMA CAMPGROUND LOOP E)
0.174	0.174	SIGN	LEFT	GUIDE, LOOP E
0.174	0.174	SIGN	LEFT	REGULATORY, ONE WAY
0.189	0.189	INTERSECTION	LEFT	ROUTE 0203EZ (MAZAMA CAMPGROUND LOOP E)
0.195	0.195	SIGN	LEFT	REGULATORY, DO NOT ENTER
0.246	0.246	INTERSECTION	LEFT	ROUTE 0203FZ (MAZAMA CAMPGROUND LOOP F)
0.251	0.251	SIGN	LEFT	REGULATORY, DO NOT ENTER
0.295	0.295	SIGN	RIGHT	REGULATORY, DO NOT ENTER
0.296	0.296	INTERSECTION	LEFT	ROUTE 0203FZ (MAZAMA CAMPGROUND LOOP F)
0.670	0.670	INTERSECTION	LEFT	ROUTE 0203FZ (MAZAMA CAMPGROUND LOOP F)
0.670	0.670	INTERSECTION	RIGHT	ROUTE 0203FZ (MAZAMA CAMPGROUND LOOP F)
0.670	0.670	SIGN	N/A	REGULATORY, KEEP RIGHT
0.670	0.670	ROUTE END	N/A	TO ROUTE 0203FZ (MAZAMA CAMPGROUND LOOP F) AT MP 0.04 (ON RIGHT)

CRLA: ROUTE MAINTENANCE FEATURES ROAD LOG

ROUTE 0204: VIDAE FALLS PICNIC AREA

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.000	0.000	ROUTE BEGIN	N/A	FROM ROUTE 0013 AT MP 20.16 ON LEFT
0.000	0.000	INTERSECTION	LEFT	ROUTE 0013 (EAST RIM DRIVE)
0.000	0.000	INTERSECTION	RIGHT	ROUTE 0013 (EAST RIM DRIVE)
0.012	0.012	SIGN	RIGHT	REGULATORY, STOP
0.120	0.120	CULVERT	N/A	
0.230	0.230	SIGN	N/A	REGULATORY, ONE WAY
0.230	0.230	INTERSECTION	N/A	ROUTE 0943 (CRATER PEAK TRAIL PARKING)
0.230	0.230	INTERSECTION	RIGHT	ROUTE 0943 (CRATER PEAK TRAIL PARKING)
0.230	0.230	SIGN	LEFT	REGULATORY, DO NOT ENTER
0.230	0.230	SIGN	N/A	GUIDE, VIDAE FALLS PICNIC AREA
0.230	0.230	INTERSECTION	LEFT	ROUTE 0206 (GREYBACK DRIVE)
0.230	0.230	ROUTE END	N/A	TO ROUTE 0943 (CRATER PEAK TRAIL PARKING)

CRLA: ROUTE MAINTENANCE FEATURES ROAD LOG

ROUTE 0400: MAZAMA DORMITORIES

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.000	0.000	ROUTE BEGIN	N/A	FROM ROUTE 0011 AT MP 8.35 ON RIGHT
0.000	0.000	INTERSECTION	RIGHT	ROUTE 0011 (CRATER LAKE HIGHWAY)
0.000	0.000	INTERSECTION	LEFT	ROUTE 0011 (CRATER LAKE HIGHWAY)
0.002	0.002	SIGN	RIGHT	REGULATORY, STOP
0.008	0.008	CULVERT	N/A	
0.010	0.010	SIGN	RIGHT	GUIDE, PARK EMPLOYEES & DELIVERIES ONLY
0.029	0.029	SIGN	RIGHT	REGULATORY, SPEED LIMIT 15
0.083	0.083	INTERSECTION	LEFT	UNPAVED ROUTE
0.118	0.118	SIGN	RIGHT	REGULATORY, SPEED LIMIT 15
0.127	0.127	INTERSECTION	LEFT	ROUTE 0400 (MAZAMA DORMITORIES)
0.134	0.134	SIGN	RIGHT	REGULATORY, STOP
0.158	0.158	INTERSECTION	LEFT	ROUTE 0912 (DORMITORIES PARKING A)
0.189	0.191	LOW WATER CROSSING	N/A	
0.227	0.227	FIRE HYDRANT	LEFT	
0.352	0.352	FIRE HYDRANT	LEFT	
0.384	0.384	INTERSECTION	RIGHT	ROUTE 0913 (DORMITORIES PARKING B)
0.400	0.400	SIGN	RIGHT	GUIDE, RESIDENT PARKING ONLY
0.404	0.404	INTERSECTION	RIGHT	ROUTE 0913 (DORMITORIES PARKING B)
0.420	0.420	SIGN	RIGHT	REGULATORY, SPEED LIMIT 15
0.430	0.430	INTERSECTION	LEFT	ROUTE 0400 (MAZAMA DORMITORIES)
0.430	0.430	INTERSECTION	RIGHT	ROUTE 0400 (MAZAMA DORMITORIES)
0.430	0.430	ROUTE END	N/A	TO END OF LOOP

CRLA: ROUTE MAINTENANCE FEATURES ROAD LOG

ROUTE 0401AZ: HEADQUARTERS RESIDENCE AREA OUTER LOOP ROAD

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.000	0.000	ROUTE BEGIN	N/A	FROM ROUTE 0012 (MUNSON VALLEY ROAD) AT MP 3.74 (ON RIGHT)
0.000	0.000	INTERSECTION	LEFT	ROUTE 0012 (MUNSON VALLEY ROAD)
0.000	0.000	INTERSECTION	N/A	ROUTE 0402AZ (HEADQUARTERS MAINTENANCE AREA)
0.000	0.000	INTERSECTION	RIGHT	ROUTE 0012 (MUNSON VALLEY ROAD)
0.003	0.003	SIGN	RIGHT	REGULATORY, STOP
0.004	0.004	CULVERT	N/A	
0.006	0.006	CULVERT	N/A	
0.008	0.008	CULVERT	N/A	
0.009	0.009	SIGN	RIGHT	GUIDE, RESIDENTIAL AREA SPEED LIMIT 15 SLOW CHILDREN PLAYING
0.009	0.009	SIGN	RIGHT	REGULATORY, DO NOT ENTER
0.044	0.044	INTERSECTION	LEFT	ROUTE 0401AZ (HEADQUARTERS RESIDENCE AREA OUTER LOOP ROAD)
0.049	0.049	INTERSECTION	LEFT	ROUTE 0401BZ (HEADQUARTERS RESIDENCE AREA INNER LOOP ROAD)
0.136	0.136	CULVERT	N/A	
0.272	0.272	CULVERT	N/A	
0.325	0.325	INTERSECTION	LEFT	ROUTE 0401BZ (HEADQUARTERS RESIDENCE AREA INNER LOOP ROAD)
0.368	0.368	INTERSECTION	LEFT	ROUTE 0401CZ (HEADQUARTERS RESIDENCE AREA CUT THROUGH ROAD)
0.382	0.382	CULVERT	N/A	
0.410	0.410	SIGN	LEFT	REGULATORY, NO PARKING
0.474	0.474	CULVERT	N/A	
0.480	0.480	INTERSECTION	N/A	ROUTE 0401AZ (HEADQUARTERS RESIDENCE AREA OUTER LOOP ROAD)
0.480	0.480	INTERSECTION	RIGHT	ROUTE 0401AZ (HEADQUARTERS RESIDENCE AREA OUTER LOOP ROAD)
0.480	0.480	INTERSECTION	LEFT	ROUTE 0401BZ (HEADQUARTERS RESIDENCE AREA INNER LOOP ROAD)
0.480	0.480	ROUTE END	N/A	TO END OF LOOP

CRLA: ROUTE MAINTENANCE FEATURES ROAD LOG

ROUTE 0401BZ: HEADQUARTERS RESIDENCE AREA INNER LOOP ROAD

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.000	0.000	ROUTE BEGIN	N/A	FROM ROUTE 0401AZ (HEADQUARTERS RESIDENCE AREA OUTER LOOP ROAD) AT MP 0.05 (ON LEFT)
0.000	0.000	INTERSECTION	LEFT	ROUTE 0401AZ (HEADQUARTERS RESIDENCE AREA OUTER LOOP ROAD)
0.000	0.000	INTERSECTION	N/A	ROUTE 0401AZ (HEADQUARTERS RESIDENCE AREA OUTER LOOP ROAD)
0.000	0.000	INTERSECTION	RIGHT	ROUTE 0401AZ (HEADQUARTERS RESIDENCE AREA OUTER LOOP ROAD)
0.057	0.057	FIRE HYDRANT	RIGHT	
0.059	0.059	CULVERT	N/A	
0.062	0.062	INTERSECTION	LEFT	ROUTE 0401CZ (HEADQUARTERS RESIDENCE AREA CUT THROUGH ROAD)
0.130	0.130	SIGN	RIGHT	REGULATORY, NO PARKING
0.136	0.136	CULVERT	N/A	
0.140	0.140	INTERSECTION	LEFT	ROUTE 0401AZ (HEADQUARTERS RESIDENCE AREA OUTER LOOP ROAD)
0.140	0.140	INTERSECTION	RIGHT	ROUTE 0401AZ (HEADQUARTERS RESIDENCE AREA OUTER LOOP ROAD)
0.140	0.140	ROUTE END	N/A	TO ROUTE 0401AZ (HEADQUARTERS RESIDENCE AREA OUTER LOOP ROAD) AT MP 0.33 (ON LEFT)

CRLA: ROUTE MAINTENANCE FEATURES ROAD LOG

ROUTE 0401CZ: HEADQUARTERS RESIDENCE AREA CUT THROUGH ROAD

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.000	0.000	ROUTE BEGIN	N/A	FROM ROUTE 0401AZ (HEADQUARTERS RESIDENCE AREA OUTER LOOP ROAD) AT MP 0.37 (ON LEFT)
0.000	0.000	INTERSECTION	LEFT	ROUTE 0401AZ (HEADQUARTERS RESIDENCE AREA OUTER LOOP ROAD)
0.000	0.000	INTERSECTION	RIGHT	ROUTE 0401AZ (HEADQUARTERS RESIDENCE AREA OUTER LOOP ROAD)
0.040	0.040	INTERSECTION	LEFT	ROUTE 0401BZ (HEADQUARTERS RESIDENCE AREA INNER LOOP ROAD)
0.040	0.040	INTERSECTION	RIGHT	ROUTE 0401BZ (HEADQUARTERS RESIDENCE AREA INNER LOOP ROAD)
0.040	0.040	ROUTE END	N/A	TO ROUTE 0401BZ (HEADQUARTERS RESIDENCE AREA INNER LOOP ROAD) AT MP 0.06 (ON LEFT)

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 BEGIN	N/A	FROM ROUTE 0924 (CRATER LAKE LODGE PARKING)
0.000	0.000	INTERSECTION	LEFT	ROUTE 0924 (CRATER LAKE LODGE PARKING)
0.000	0.000	INTERSECTION	RIGHT	ROUTE 0924 (CRATER LAKE LODGE PARKING)
0.009	0.009	SIGN	LEFT	GUIDE, STAFF ONLY
0.120	0.120	FIRE HYDRANT	RIGHT	
0.120	0.120	INTERSECTION	N/A	ROUTE 0925 (CRATER LAKE LODGE RESIDENCE PARKING)
0.120	0.120	ROUTE END	N/A	TO ROUTE 0925 (CRATER LAKE LODGE RESIDENCE PARKING)

Crater Lake National Park

Section 10
Appendix

APPENDIX A: GLOSSARY OF TERMS AND ABBREVIATIONS

TERM OR ABBREVIATION	DESCRIPTION OR DEFINITION
AADT	(Annual Average Daily Traffic) The estimate of typical daily traffic on a road segment for all days of the week over the period of one year.
CRS	Condition Rating Sheets. (Section 5)
Excellent	Excellent rating with an index value of 95 or greater
Fair	Fair rating with an index value from 61 to 84
Func. Class	Funtional Classification (see Route ID, Section 4)
Good	Good rating with an index value from 85 to 94
IRI	International Roughness Index
Lane Width	Width from road centerline to fogline, or from centerline to edge-of-pavement when no fogline exists
MRR	Manually Rated Route
N/A	Not Applicable
NC	Not Collected
Paved Width	Width from edge-of-pavement to edge-of-pavement
PCR	Pavement Condition Rating (Appendix B, Section 10)
Poor	Poor Rating with an index value of 60 or less
RCI	Roughness Condition Index
SADT	(Seasonal Annual Daily Traffic) The AADT adjusted to represent just the period of the year containing 80 percent of the total annual traffic.
SCR	Surface Condition Rating (Appendix B, 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 0 and 100 is ascribed to each 0.02 miles of road. This numerical rating is called a Pavement Condition Rating (PCR). A "perfect" road, newly constructed with no surface distresses and a smooth surface, would be assigned a PCR rating of 100. Based on the type, severity, and extent of surface distresses points are deducted from 100 to arrive at the final PCR.

Data is collected on the following distresses and conditions:

- **Alligator Cracking** - a series of interconnecting cracks resembling alligator skin or chicken wire, which can occur anywhere in the lane.
- **Longitudinal Cracking** - cracks which are parallel to the pavement centerline or asphalt lay-down direction.
- **Transverse Cracking** - cracks perpendicular to the pavement centerline.
- **Pothole (patch)** - a bowl-shaped hole in the pavement surface. May be patched or not.
- **Rutting** - surface depressions in the wheel paths.
- **Roughness** is collected as International Roughness Index (IRI) and is used in the PCR formula. Roughness is measured in inches of vertical displacement of the vehicle per mile traveled.

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

Calculation of Index Values

Note: Index values < 0 default to 0. Index values > 100 default to 100.
For all indices, a higher value indicates a better road condition, and a lower value indicates a poorer road condition.
All severity protocols are taken from the SHRP Distress Identification Manual.

Condition Ranges for all Indices

Excellent	>=95
Good	>=85 and <95
Fair	>60 and <85
Poor	<=60

Alligator Crack Index

AC_INDEX = 100 – 40 * [(%LOW / 70) + (%MED / 30) + (%HI / 10)]

Where :

The values %LOW, %MED and %HI describe the percent of the total WX measured area that is affected by alligator cracking of each severity level. These values range from ≥ 0 to ≤ 100.

%LOW = (Total square area WX measured low severity alligator cracking) / (Section length * WX measured lane width)

%MED = (Total square area WX measured medium severity alligator cracking) / (Section length * WX measured lane width)
%HI = (Total square area WX measured high severity alligator cracking) / (Section length * WX measured lane width)

The denominators 70, 30, and 10 are the maximum allowable extents for the numerator value in the same units. For example, low severity alligator cracking totaling 70% of the measured section area would alone fail that section of road for this index.

The threshold for failure for this index is AC_INDEX = 60.

Severity Levels:

Low severity alligator cracking describes an area of cracks with no or only a few connecting cracks; cracks are not spalled (cracked, broken, chipped, frayed along the cracks); pumping (water seepage from beneath the pavement through the cracks) is not evident. Any sealed alligator cracks are low severity alligator cracks, as long as the sealant is still in good condition. If the sealant has reopened, and the crack is visible and can be measured, the crack severity is assigned according to that measurement.

Medium severity alligator cracking describes an area of interconnected cracks forming a complete pattern; cracks may be slightly spalled; pumping is not evident.

High severity alligator cracking describes an area of moderately or severely spalled interconnected cracks forming a complete pattern; pieces may move when subjected to traffic; pumping may be evident.

Longitudinal Crack Index

LC_INDEX = 100 – 40 * [(%LOW / 350) + (%MED / 200) + (%HI / 75)]

Where:

The values %LOW, %MED and %HI describe the length of longitudinal cracking of each severity as a percent of the section length. These values are ≥ 0 and can exceed 100.

%LOW = (Total linear feet WX measured low severity longitudinal cracking) / (Section length in linear feet)
%MED = (Total linear feet WX measured medium severity longitudinal cracking) / (Section length in linear feet)
%HI = (Total linear feet WX measured high severity longitudinal cracking) / (Section length in linear feet)

The denominators 350, 200, and 75 are the maximum allowable extents for the numerator value in the same units. For example, medium severity longitudinal cracking with a total length that is 200% of the length of the section would alone fail that section of road for this index.

The threshold for failure for this index is LC_INDEX = 60.

Severity Levels:

Low severity longitudinal cracks have a mean width ≤ ¼”, or are sealed cracks of indeterminate width whose sealant material is in good condition.

Medium severity longitudinal cracks have a mean width > ¼” and ≤ ¾”.

High severity longitudinal cracks have a mean width > ¾”.

Transverse Crack Index

TC_INDEX = 100 – {[20 * ((LOW / 15.1) + (MED / 7.5))] + [40 * (HI / 1.9)]}

Where:

The values LOW, MED and HI describe a count of the total number of transverse cracks of each severity level, where one transverse crack unit is equal to the WX measured lane width. These values are ≥ 0.

LOW = (Total linear feet WX measured low severity transverse cracking) / (WX measured lane width)
MED = (Total linear feet WX measured medium severity transverse cracking) / (WX measured lane width)
HI = (Total linear feet WX measured high severity transverse cracking) / (WX measured lane width)

The denominators 15.1, 7.5, and 1.9 are the maximum allowable extents for the numerator value in the same units. For example, high severity transverse cracking with a total length that amounts to 1.9 times the WX measured lane width would alone fail that section of road for this index.

The threshold for failure for this index is TC_INDEX = 60.

Severity Levels:

Low severity transverse cracks have a mean width ≤ ¼", or are sealed cracks of indeterminate width whose sealant material is in good condition.

Medium severity transverse cracks have a mean width > ¼" and ≤ ¾".

High severity transverse cracks have a mean width > ¾".

Patching Index

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

Where:

The value %PATCHING describes the percent of the total WX measured area that is affected by patching. This value ranges from ≥ 0 to ≤ 100.

%PATCHING = (Total area WX measured patching) / (Section length * WX measured lane width)

The denominator 80 is the maximum allowable extent for the numerator value in the same units. Patching totaling 80% or more of the measured section area fails a section of road for this index.

The threshold for failure for this index is PATCH_INDEX = 60.

There are no severity levels for patching.

Rutting Index

RUT_INDEX = 100 – 40 * [(%LOW / 160) + (%MED / 80) + (%HI / 40)]

Where:

10 ARAN rut depth measurements are taken per full .02 section for each of 2 wheel paths (left and right), resulting in a total of 20 measurements taken for both wheel paths. The values %LOW, %MED and %HI describe the number of ARAN rut depth measurements of both wheel paths in the section whose values are of each severity level, calculated as a percentage of the total number of ARAN rut depth measurements taken for a single wheel path in the section. These values range from ≥ 0 to ≤ 200.

%LOW = (Total number of ARAN measured low severity ruts in section for both wheel paths) / (Total number of ARAN rut measurements in section for a single wheel path)
%MED = (Total number of ARAN measured medium severity ruts in section for both wheel paths) / (Total number of ARAN rut measurements in section for a single wheel path)
%HI = (Total number of ARAN measured high severity ruts in section for both wheel paths) / (Total number of ARAN rut measurements in section for a single wheel path)

The denominators 160, 80, and 40 are the maximum allowable extents for the numerator value in the same units. For example, low severity ruts recorded in 16 of the 20 total readings (or 160% of a full wheel path's worth of readings) for a full .02 section would fail that section for this index.

The threshold for failure for this index is RUT_INDEX = 60.

Severity Levels:

Ruts with an ARAN measured depth < 0.20" are not included in the distress calculations.

Low severity ruts have an ARAN measured depth ≥ 0.20" and ≤ 0.49".

Medium severity ruts have an ARAN measured depth ≥ 0.50" and ≤ 0.99".

High severity ruts have an ARAN measured depth ≥ 1.00".

Roughness Condition Index

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

Where:

The value AVG IRI describes the average value of the Left IRI and Right IRI measurements for the section. This value can range from approximately 40 to over 1000.

AVG IRI = (ARAN measured Left IRI + ARAN measured Right IRI) / 2

There is no applicable threshold for failure for this index.

NOTE: Collection of roughness data is dependent 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.

Surface Condition Rating Index

SCR = 100 - [(100 - AC_INDEX) + (100 - LC_INDEX) + (100 - TC_INDEX) + (100 - PATCH_INDEX) + (100 - RUT_INDEX)]

Where:

See above for determinations of AC_INDEX, LC_INDEX, TC_INDEX, PATCH_INDEX and RUT_INDEX.

The threshold for failure for this index is SCR = 60.

Pavement Condition Rating Index Asphaltic Concrete Pavement (AS)

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

Where:

See above for determinations of SCR and RCI.

The values 0.60 and 0.40 function as weights within the formula.

If SCR equals zero (which means that the road surface condition is very poor), then the formula simply reduces to: PCR = 0.40 * RCI.

If RCI equals zero (which means that this value was not available for some reason), then the formula becomes: PCR = SCR.

The threshold for failure for this index is PCR = 60.

Pavement Condition Rating Index Portland Cement Concrete Pavement (CO)

Concrete PCR = -0.0012(IRI^2)+0.0499(IRI)+99.542

Where:

The threshold for failure for this index is PCR = 60.

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

Under Construction 100

Excellent 97

Good 90

Fair 73

Poor 45

APPENDIX C: GENERAL INFORMATION ON RIP SYSTEMS

DMI (Distance Measuring Instrument)

The DMI (Distance Measuring Instrument) obtains road length measurements that are highly accurate (to 0.001 miles). The DMI is connected to the outside of the rear wheel on the driver's side, and is wired into the antilock braking system (ABS). The number of pulses recorded for each wheel rotation by the ABS is registered by the DMI, which transmits a measurement of distance traveled to the processing computers in the ARAN. The DMI distance measurements are the foundation to which all the other subsystems are tied.

Digital Image Information

All images collected in Cycle 4 are digital images in .jpg format. These images provide adequate resolution for identifying sign and feature inventories and pavement evaluations. The images can be viewed with an interactive software program called VisiData. Each park will receive a copy of the VisiData program. Cycle 4 data, as well as Cycle 3 data, can be viewed using the Visi-Data software program. This program is a 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 looking for. Associated digital right-of-way images from either the LAN, USB port, individual DVD can be presented along with GPS locations.

Right-of-way (ROW) Video

Three digital cameras are mounted above the vehicle's windshield that point directly forward and slightly to the left and right. These cameras each collect one image every 0.002 miles (10.56 feet) in the primary-direction lane, to give a panoramic field-of-view of about 160 degrees. (Forward-facing video from the center camera only is collected in the opposite-direction lane of travel.)

If data collection speed exceeds 35-40 mph, the network and storage computers may become overwhelmed and may begin to drop individual video frames. Occasional common video quality issues include sun glare and rapid changes between sunlight and shadow. The camera system is equipped with auto risers that sometimes cannot adjust quickly enough to collect optimal video images.

FHWA ARAN CAMERA SPECIFICATIONS **Forward-Facing Cameras (ROW)**	
Focal length	10 mm
Chip size	8.71mm X 6.90mm
Naming convention of each image	chainage.jpg
Image resolution	1300 X 1030
Image pixel size	depends on distance
Relative position of the GPS unit to each camera	2.104 meters from front-center rutbar to camera
The ARAN has a lever arm setting which tells the POS system where the center of the rutbar is with respect to the GPS antennas.	

Pavement Video

Pavement video images are collected by the data collection vehicle to use in later analysis to determine extents and severities of different types of pavement distress. The pavement in the primary-direction road lane is filmed continuously by two analog cameras attached to booms extended from the rear of the ARAN on the left and right sides. Strobe lights fire synchronously with the opening of the camera shutters to eliminate shadows and motion blur. The images from the two cameras overlap, and are stitched together in real time to create a continuous strip image of the pavement in the primary direction lane. This strip has a maximum width of 3.0 meters (actual width depends on pavement camera calibration) and is sectioned for ease of file management every 0.010 miles (52.8 feet).

The cameras both have a resolution of 640 x 480, making the threshold of visible pavement cracks about 3 mm. Because the cameras are triggered by time and not distance traveled, this subsystem requires a minimum operating speed of 6 mph, otherwise images are taken on top of one another and result in checkered or black pavement video.

FHWA ARAN CAMERA SPECIFICATIONS **Pavement Cameras**	
Image Pixel size	3.135 mm /side
Image Resolution	640 X 480
Area that images cover	1.5 m X 1.2 m
Full color or grayscale	grayscale
Vehicle speed limitations	80km/h
Aperture setting	Auto-iris
Exposure setting	1/50000

FHWA ARAN GPS & Inertial System

GPS is collected by a NovAtel MiLLenium, 12 channel, dual frequency L1/L2, DGPS ready receiver with a MiLLennium 502 GPS antenna. An OmniStar 3000 LR provides real-time differential correction. An Applanix POS/LV is the inertial system that fills in when GPS is unavailable. The antenna is mounted in the center of the roof, slightly toward the rear of the vehicle, but a lever arm is applied to place the operational location of GPS recording at the center of the rutbar on the front bumper of the vehicle. Expected accuracy under ideal conditions is sub meter.

GPS Collected on Manually Rated Routes

Parking areas and roads that are not fully drivable with the ARAN data collection vehicle are collected manually by field technicians. GPS is collected for these routes using GPS field data collection utilizes Trimble ProXRS or ProXH Receivers matched with Trimble TSC1 or Ranger handheld Data Loggers, connected to Trimble Hurricane Antennas giving sub meter accuracy in ideal conditions. This collection equipment has varied as technology has improved over the years of RIP data collection. Some GPS files collected as early as 1998 have been verified for accuracy and perpetuated through the current cycle of data collection.

GPS SHAPEFILES

Type of Route and Collection Shape Filename		
Roads driven by ARAN	Line	park_road_04.dbf/.shp/.shx
Parking Areas	Polygon	park_pkg_04.dbf/.shp/.shx
Roads Manually Rated as Lines (not in every park)	Line	park_mrl_04.dbf/.shp/.shx
Roads Manually Rated as Polygons (not in every park)	Polygon	park_mrp_04.dbf/.shp/.shx

• Datum for all GPS shapefiles is LL_WGS84_DD (Latitude Longitude _World Geodetic Survey 1984_Decimal Degrees)
• In filename, “park” is NPS four-letter alphabetic code.
• The source for route data required for data processing and report production is the PARK_RouteInfo.mdb.

Condition Photos Taken of Manually Rated Roads

One or more digital photos are taken by Canon Power Shot G2 4.0 Mega Pixel digital camera for each manually rated route in a National Park. They are stored in .jpg format named with the four-letter NPS park alphabetic code, route number, and the photo number assigned by the camera. For example, YOSE_0900_4434.jpg is the filename of the photo named 4434 by the camera that was taken of Yosemite National Park route 0900.

Scenic Photos

Scenic photos are taken by Canon Power Shot G2 4.0 Mega Pixel digital camera throughout each park and are named with the four-letter NPS park alphabetic code and the count of the photo taken in that park. For example, GRCA003.jpg is the filename of the third scenic photo taken in Grand Canyon National Park. The number of scenic photos provided will vary between parks.

APPENDIX D: METADATA

FHWA – NPS Road Inventory Program Cycle 4 Metadata

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

- MUTCD based on contents & colors of sign, not on size
- Database records that show a Portland Cement Concrete (CO) surface type sometimes include distress index values that seem to show a perfect roadway. Condition assessments on concrete pavements are not conducted for Alligator Cracking, Transverse or Longitudinal Cracking, Patching, or Rutting. Perfect values for concrete road sections for these indexes are default values and do not represent a condition assessment of the concrete surfaces.
- 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_Tenth 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.

- Roadway Data is collected in intervals of 0.010 miles (52.8feet) constituting a "station".
- Most roadway features are collected relative to the primary direction lane of a roadway, using the primary-direction video and mileage. Signs and Mile Markers are the only features collected using the opposite-direction video with mileage location referenced to the primary direction lane of the roadway.
- Route_GPS table contains GPS positional information collected by the ARAN and post processed with Applanix POSPac Land 5.0 post-processing software. No manual adjustments have occurred on this table.
- Modifications to the Park_ROAD_04.dbf/.shp/.shx files may have been necessary for report esthetics.
- Modifications to the Park_PKG_04. dbf/.shp/.shx files may have been necessary for report esthetics.
- Cycle 4 utilizes the Microsoft Office 2003 suite of products and Crystal Reports XI for document and data file generation and reporting.
- All PDF files are in Adobe Acrobat 7.0 Professional format.
- All ArcGIS files are created using ESRI Version 9.x software.
- Thumbnail images are created at 1/10 original image size for Right-of-Way and Pavement Images.
- FHWA is investigating the rutting methodology and calculated values it currently reports. Equipment limitations and analysis methods may be over reporting, low severity rutting.

Key to Notes in Tables

(1): Note that only one value fits in field, so even if this value varies throughout the route, only predominant value is recorded here.
(2): Shoulder width is measured at route start and every half-mile along the route in the primary direction. Width is the entire width of the drivable shoulder, regardless of the presence or absence of pavement, from the fog line to the shoulder hinge point, or if no fog line exists, from the edge of pavement to the hinge point. Identification of shoulder hinge point can be problematic using video analysis. Some paved ditches may be mistakenly recorded as shoulders where the shoulder hinge point and change in slope are not easily distinguished from the video.
(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.
(5): Condition assessments on concrete (PCC) pavements are not conducted for Alligator Cracking, Transverse or Longitudinal Cracking, Patching, or Rutting. Perfect values for concrete road sections for these indexes are default values and do not represent a condition assessment of the concrete surfaces.
(6): 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 resolutions. 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
1	RIP_CYCLE	XX	4, for data collection cycle 4	Route ID Meeting	FHWA Determination	100% Referenced to other tables
2	STATE	XX	State where route is located	Route ID Meeting	Park Input / FHWA Determination	100%, Referenced to other tables (1)
3	PARK_ALPHA	XXXX	Park alpha code	Route ID Meeting	NPS References	100%, Referenced to other tables
4	PARK_NO	XXXX	Park numeric code	Route ID Meeting	NPS References	100%, Referenced to other tables
5	RTE_NO	9999XXX	Route number	Route ID Meeting	Park Input / FHWA Classification	100%, Referenced to other tables
6	RTE_NAME	(Text)	Route name	Route ID Meeting	Park Input	100%, Referenced to other tables. 100 characters fit in field
7	FUNCT_CLASS	X	Route functional classification	Route ID Meeting	Park Input / FHWA Classification	100%, Referenced to other tables
8	DIRECTION	XXX	Survey lane: PRI (primary) or OPP (opposite)	Route ID Meeting	Park Input / FHWA Determination	100%,
9	BEG_MP_EST	999.999 (miles)	Estimated starting MP	Route ID Meeting	Park Input / FHWA Determination	Estimated before data collected
10	END_MP_EST	999.999 (miles)	Estimated ending MP	Route ID Meeting	Park Input / FHWA Determination	Estimated before data collected
11	RTE_LENGTH	999.999 (miles)	Collected route length	ARAN Data Collection	Automatic Output	100%
12	FROM_DESC	(Text)	Beginning terminus of route	Route ID Meeting	Park Input / FHWA Determination	100% Referenced to other tables
13	TO_DESC	(Text)	Ending terminus of route	Route ID Meeting	Park Input / FHWA Determination	100% Referenced to other tables
14	NO_LANES	X	Number of lanes in route	ARAN Data Collection	Survey Crew Input	Untested. (1)
15	SURF_TYPE	XX	Surface type of route	ARAN Data Collection	Survey Crew Input	100%, Referenced to other tables (1)
16	COMP_DIR	XX	Compass direction of route's primary lane (nearest cardinal direction)	Route ID Meeting	Park Input / FHWA Determination	Untested
17	COMMENTS	(Text)	Special information, if any	Contractor Post-processing	Contractor Input	Untested
18	FILENAME	(Text)	Filename of raw data files	ARAN Data Collection	Automatic Output	100%
19	SECTION	(Text)	Route section ID	Route ID Meeting/ARAN Data Collection	Survey Crew Input/Automatic Output	100%

20	FKEY	9999999	Unique record ID	Contractor Post-processing	Database Processing	100%
21	DATE	MM/DD/YY	Data collection date	ARAN Data Collection	Automatic Output	100%
22	BEG_MP	999.999 (miles)	Beginning MP collected	ARAN Data Collection	Automatic Output	100% (3)
23	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
1	RIP_CYCLE	XX	4, for data collection cycle 4	Route ID Meeting	FHWA Determination	100% Referenced to other tables
2	STATE	XX	State where route is located	Route ID Meeting	Park Input / FHWA Determination	Untested (1)
3	PARK_ALPHA	XXXX	Park alpha code	Route ID Meeting	NPS References	100% Referenced to other tables
4	PARK_NO	XXXX	Park numeric code	Route ID Meeting	NPS References	100% Referenced to other tables
5	RTE_NO	9999XXX	Route number	Route ID Meeting	Park Input / FHWA Classification	100% Referenced to other tables
6	FMSS_EQUIP	XXXXXXX	Facility Management Software System Equipment number	NPS FMSS application	NPS References	Untested
7	FUNCT_CLASS	X	Route functional class	Route ID Meeting	Park Input / FHWA Classification	100% Referenced to other tables
8	DIRECTION	XXX	Survey lane: PRI (primary) or OPP (opposite)	Route ID Meeting	Park Input / FHWA Determination	100%
9	MP	999.999 (miles)	Feature location along route	ARAN Data Collection/Contractor Post-processing	Video Analysis	<=0.001 mile
10	BEG_MP	999.999 (miles)	Feature Beginning location along route	Contractor Post-processing	Video Analysis	<=0.001 mile
11	END_MP	999.999 (miles)	Feature Ending location along route	Contractor Post-processing	Video Analysis	<=0.001 mile
12	FEATURE_LENGTH	999.99 (Feet)	Linear Feature Length	Contractor Post-processing	Database Processing	100%
13	EVENT	XXXX	Event category of feature	Contractor Post-processing	Video Analysis	Untested
14	EVENT_CODE	XXXX	Event sub-category of feature	Contractor Post-processing	Video Analysis	Untested
15	FEATURE_TYPE	(Text)	Feature designation: LINEAR or POINT	Contractor Post-processing	Video Analysis	Untested
16	EVENT_DESC	(Text)	Description of feature/contents of sign	Contractor Post-processing	Video Analysis	Untested
17	MUTCD	(Text)	MUTCD Code of Sign	Contractor Post-processing	Database Processing	95%
18	CONDITION	“N/A”	Sign condition. N/A. Not to be populated	Contractor Post-processing	Video Analysis	Values inaccurate, defaulted to “N/A”
19	COMMENT	(Text)	Sign label, intersecting route, etc.	Contractor Post-processing	Database Processing	Untested
20	OFFSET	“N/A”	Offset from Road Edge. N/A. Not to be populated	Contractor Post-processing	Database Processing	Values inaccurate, defaulted to “N/A”

	FIELD	FORMAT	EXPECTED VALUE	SOURCE	VALIDATION	EXPECTED ACCURACY
21	SIDE	(Text)	Side of route relative to lane driven	Contractor Post-processing	Video Analysis	95%
22	STR_NUMBER	(Text)	FHWA bridge structure number	FHWA Post-processing	Database Processing	Untested
23	BARR_MAT	(Text)	Barrier Material Type	Contractor Post-processing	Video Analysis	Untested
24	BARR_TYPE	(Text)	Barrier Type	Contractor Post-processing	Video Analysis	Untested
25	BARR_POST_MAT	(Text)	Barrier Post Materials	Contractor Post-processing	Video Analysis	Untested
26	BARR_BEG_TERM	(Text)	Barrier Approach Treatment	Contractor Post-processing	Video Analysis	Untested
27	BARR_END_TERM	(Text)	Barrier End Treatment	Contractor Post-processing	Video Analysis	Untested
28	CURB_MAT	(Text)	Curb Material Type	Contractor Post-processing	Video Analysis	Untested
29	PAVED_DITCH_MAT	(Text)	Paved Ditch Material Type	Contractor Post-processing	Video Analysis	Untested (2)
30	GATE_MAT	(Text)	Gate Material Type	Contractor Post-processing	Video Analysis	Untested
31	GATE_STYLE	(Text)	Gate Style	Contractor Post-processing	Video Analysis	Untested
32	BEG_GPS_LAT	999.999999	GPS Latitude Co-ordinate (decimal degrees)	Contractor Post-processing	Video Analysis	<= 3.00 feet
33	BEG_GPS_LON	-999.999999	GPS Longitude Co-ordinate (-decimal degrees)	Contractor Post-processing	Video Analysis	<= 3.00 feet
34	BEG_GPS_ELEV	99999.9	GPS Elevation Feet	Contractor Post-processing	Video Analysis	Untested
35	BEG_GPS_MODE	(Text)	GPS Satellite Mode	Contractor Post-processing	Video Analysis	Untested
36	END_GPS_LAT	999.999999	GPS Latitude Co-ordinate (decimal degrees)	Contractor Post-processing	Video Analysis	<= 3.00 feet
37	END_GPS_LON	-999.999999	GPS Longitude Co-ordinate (-decimal degrees)	Contractor Post-processing	Video Analysis	<= 3.00 feet
38	END_GPS_ELEV	99999.9	GPS Elevation Feet	Contractor Post-processing	Video Analysis	Untested
39	END_GPS_MODE	(Text)	GPS Satellite Mode	Contractor Post-processing	Video Analysis	Untested
40	DATUM	(Text)	LL_WGS84_DD	Contractor Post-processing	Database Processing	100%
41	VIDEO	<*Park*>C04VID<#>	Removable USB video hard drive number	Contractor Post-processing	Database Processing	Untested
42	IMAGE	(Text)	Filename of .jpg image showing feature	Contractor Post-processing	Automatic Output	Untested
43	DATE	MM/DD/YY	Data collection date	ARAN Data Collection	Automatic Output	100%
44	FILENAME	(Text)	Filename of raw data files	ARAN Data Collection	Automatic Output	100%
45	SECTION	(Text)	Route section ID	Route ID Meeting/ARAN Data Collection	Survey Crew Input/Automatic Output	100%
46	FKEY	(Numeric)	Unique record ID	Contractor Post-processing	Database Processing	100%
47	VISI_FROM	999999 (millimiles)	Raw MP of first video frame showing feature	Contractor Post-processing	Database Processing	Untested
48	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
49	IDKEY	(Text)	Unique record ID used by VisiData	Contractor Post-processing	Database Processing	Untested
50	MP_REF	(Text)	Range of mileage to play in VisiData	Contractor Post-processing	Database Processing	Untested

List of Roadway Features

#	EVENT	EVENT_CODE	FEATURE_TYPE	EVENT_DESC	STRUCTURE #	COLLECTED BY
1	BRIDGE	BRDG	LINEAR	BRIDGE	ALWAYS	ARAN
2	CATTLE GUARD	CGD	POINT	CATTLE GUARD	-	VIDEO RATING
3	CONSTRUCTION	CNST	LINEAR	CONSTRUCTION WORK ZONE	-	ARAN
4	CULVERT	CUL	POINT	CULVERT	SOMETIMES	ARAN
5	CURB	CRBL	LINEAR	CURB ON LEFT	-	VIDEO RATING
	""	CRBR	LINEAR	CURB ON RIGHT	-	VIDEO RATING
6	CURB-AND-GUTTER	CAGL	LINEAR	CURB-AND-GUTTER ON LEFT	-	VIDEO RATING
	""	CAGR	LINEAR	CURB-AND-GUTTER ON RIGHT	-	VIDEO RATING
7	DROP INLET	DINL	POINT	DROP INLET ON LEFT	-	ARAN
	""	DINR	POINT	DROP INLET ON RIGHT	-	ARAN
8	GATE	GATE	POINT	GATE	-	VIDEO RATING
9	FIRE HYDRANT	FHDL	POINT	FIRE HYDRANT ON LEFT	-	VIDEO RATING
	""	FHDR	POINT	FIRE HYDRANT ON RIGHT	-	VIDEO RATING
10	GUARD/GUIDE WALL	GGWL	LINEAR	GUARD/GUIDE WALL ON LEFT	-	VIDEO RATING
	""	GGWR	LINEAR	GUARD/GUIDE WALL ON RIGHT	-	VIDEO RATING
11	GUARD/GUIDE RAIL	GGRL	LINEAR	GUARD/GUIDE RAIL ON LEFT	-	VIDEO RATING
	""	GGRR	LINEAR	GUARD/GUIDE RAIL ON RIGHT	-	VIDEO RATING
12	INTERSECTION	INTL	POINT	INTERSECTION ON LEFT	-	ARAN
	""	INTR	POINT	INTERSECTION ON RIGHT	-	ARAN
	""	INTN	POINT	INTERSECTION SIDE N/A	-	ARAN

13	LANE DEVIATION	LADV	LINEAR	LANE DEVIATION	-	ARAN
14	LOW WATER CROSSING	LWCR	LINEAR	LOW WATER CROSSING	SOMETIMES	VIDEO RATING
15	MILE MARKER	MML	POINT	MILE MARKER ON LEFT	-	VIDEO RATING
	""	MMR	POINT	MILE MARKER ON RIGHT	-	VIDEO RATING
16	OVERPASS	OPV	POINT	OVERPASS VEHICULAR	SOMETIMES	ARAN
	""	OPP	POINT	OVERPASS PEDESTRIAN	SOMETIMES	ARAN
	""	OPRX	POINT	OVERPASS RAILROAD CROSSING	SOMETIMES	ARAN
17	PARK BOUNDARY	PRK	POINT	PARK BOUNDARY	-	ARAN
18	PAVED DITCH	PVDL	LINEAR	PAVED DITCH ON LEFT	-	VIDEO RATING
	""	PVDR	LINEAR	PAVED DITCH ON RIGHT	-	VIDEO RATING
19	PULLOUT	PLOL	LINEAR	PULLOUT ON LEFT	-	VIDEO RATING
	""	PLOR	LINEAR	PULLOUT ON RIGHT	-	VIDEO RATING
20	RAILROAD CROSSING	RRX	POINT	RAILROAD CROSSING	-	VIDEO RATING
21	RETAINING WALL	RTWL	LINEAR	RETAINING WALL ON LEFT	-	VIDEO RATING
	""	RTWR	LINEAR	RETAINING WALL ON RIGHT	-	VIDEO RATING
22	ROUTE BEGIN	RBEG	POINT	ROUTE BEGIN	-	ARAN
23	ROUTE END	REND	POINT	ROUTE END	-	ARAN
24	SIGN	REGU, WARN, GUID, UNKN	POINT	DOCUMENT CONTENTS OF SIGN. (WHAT THE SIGN SAYS) FOR GRAPHICS ONLY SIGNS POPULATED WITH ("GRAPHIC SIGN, NO TEXT") FOR UNREADABLE TEXT POPULATED WITH ("UNABLE TO READ FROM VIDEO")	-	VIDEO RATING
25	STATE BOUNDARY	STB	POINT	STATE BOUNDARY	-	ARAN
26	TRAFFIC LIGHT	TRF	POINT	TRAFFIC LIGHT	-	VIDEO RATING
27	TUNNEL	TUN	LINEAR	TUNNEL	ALWAYS	ARAN

PMS_20, PMS_MILE, & PMS_TENTH Tables Metadata:

	FIELD	FORMAT	EXPECTED VALUE	SOURCE	VALIDATION	EXPECTED ACCURACY
1	RIP_CYCLE	XX	4, for RIP data collection Cycle 4	Route ID Meeting	FHWA Determination	100% Referenced to other tables
2	STATE	XX	State where route is located	Route ID Meeting	Park Input/FHWA Determination	Untested. (1)
3	PARK_ALPHA	XXXX	Park alpha code	Route ID Meeting	NPS References	100% Referenced to other tables
4	PARK_NO	XXXX	Park numeric code	Route ID Meeting	NPS References	100% Referenced to other tables
5	RTE_NO	9999XXX	Route number	Route ID Meeting	Park Input/FHWA Classification	100% Referenced to other tables
6	FUNCT_CLASS	X	Route functional class	Route ID Meeting	Park Input/FHWA Classification	100% Referenced to other tables
7	DIRECTION	XXX	Survey lane: PRI (primary) or OPP (opposite)	Route ID Meeting	Park Input/FHWA Determination	100%
8	BEG_MP	999.999 (miles)	MP at start of road interval described by database record	Contractor Post-processing	Database Processing	100% (3)
9	END_MP	999.999 (miles)	MP at end of road interval described by database record	Contractor Post-processing	Database Processing	100% (3)
10	INT_LENGTH	999.9 (ft)	Length of road interval as aggregated for data table	Contractor Post-processing	Database Processing	100%
11	RTE_LENGTH	999.999 (miles)	Collected route length	ARAN Data Collection	Automatic Output	100% (3)
12	NO_LANES	99	Number of lanes in route	ARAN Data Collection	Survey Crew Input	Untested. (1)
13	LANE_NO	99	Data collection lane	Contractor Post-processing	Database Processing	Untested
14	D_LANE_WIDTH	99.999 (ft)	WiseCrax (crack detection software) analysis width	Contractor Post-processing	Automatic Output	Untested
15	LANE_WIDTH	99.9 (ft)	Width of lane	Contractor Post-processing	Video Analysis	95%, <=1.0 foot
16	PAVE_WIDTH	99.9 (ft)	Full pavement width	Contractor Post-processing	Video Analysis	95%, <=1.0 foot
17	SHLD_WIDTH_L	99.9 (ft)	Left shoulder width	Contractor Post-processing	Video Analysis	95%, <=1.0 foot (2)
18	SHLD_WIDTH_R	99.9 (ft)	Right shoulder width	Contractor Post-processing	Video Analysis	95%, <=1.0 foot (2)
19	SHLD_COND_L	N/A	N/A. Intended to be Left shoulder condition	ARAN Data Collection	Survey Crew Input	Values inaccurate, defaulted to “N/A”
20	SHLD_COND_R	N/A	N/A. Intended to be Right shoulder condition	ARAN Data Collection	Survey Crew Input	Values inaccurate, defaulted to “N/A”
21	DRAIN_COND_L	N/A	N/A. Intended to be Left drainage condition	ARAN Data Collection	Survey Crew Input	Values inaccurate, defaulted to “N/A”
22	DRAIN_COND_R	N/A	N/A. Intended to be Right drainage condition	ARAN Data Collection	Survey Crew Input	Values inaccurate, defaulted to “N/A”

	FIELD	FORMAT	EXPECTED VALUE	SOURCE	VALIDATION	EXPECTED ACCURACY
23	SURF_TYPE	XX	Surface type of route	ARAN Data Collection	Survey Crew Input	Untested. (1)
24	PCR	999	Pavement Condition Rating	Contractor Post-processing	Database Processing	100% for calculation (6)
25	RCI	999	Roughness Condition Index; -1 if invalid IRI	Contractor Post-processing	Database Processing	100% for calculation
26	SCR	999	Surface Condition Rating	Contractor Post-processing	Database Processing	100% for calculation (5) (6)
27	IRI_AVG	999.9 (inches/mile)	Average IRI	Contractor Post-processing	Database Processing	Untested
28	IRI_SD	999.9 (inches/mile)	IRI standard deviation	Contractor Post-processing	Database Processing	Untested
29	IRI_L	999.9 (inches/mile)	Left wheel path IRI	ARAN Data Collection	Automatic Output	Untested
30	IRI_R	999.9 (inches/mile)	Right wheel path IRI	ARAN Data Collection	Automatic Output	Untested
31	IRI_FLAG	0 or -1	-1 if invalid IRI data	Contractor Post-processing	Database Processing	Untested
32	RUT_INDEX	999	Rut index	Contractor Post-processing	Database Processing	100% for calculation (5)
33	RUT_AVG	99.99 (inches)	Average rut depth of both wheelpaths	Contractor Post-processing	Database Processing	Untested (5)
34	RUT_MAX	99.99 (inches)	Maximum rut depth of both wheelpaths	Contractor Post-processing	Database Processing	Untested (5)
35	RUT_SD	9.9	Rut depth standard deviation	Contractor Post-processing	Database Processing	Untested (5)
36	RUT_LOW	999 (%)	Percent of low severity ruts (on a 0-200% scale) in both wheelpaths	Contractor Post-processing	Database Processing	Untested (5)
37	RUT_MED	999 (%)	Percent of medium severity ruts (on a 0-200% scale) in both wheelpaths	Contractor Post-processing	Database Processing	Untested (5)
38	RUT_HI	999 (%)	Percent of high severity ruts (on a 0-200% scale) in both wheelpaths	Contractor Post-processing	Database Processing	Untested (5)
39	XFALL	999.9 (% slope)	Cross fall at start of road interval	ARAN Data Collection	Automatic Output	Untested
40	GRADE	999.9 (% slope)	Grade at start of road interval	ARAN Data Collection	Automatic Output	Untested
41	AC_INDEX	999	Alligator cracking index	Contractor Post-processing	Database Processing	100% for calculation (5) (6)
42	AC_LOW	999.9999 (%)	Percent of WiseCrax measured lane area with low-severity alligator cracking	Contractor Post-processing	Pavement Video Analysis	As a Computed 95% Confidence Level (5) (6)
43	AC_MED	999.9999 (%)	Percent of WiseCrax measured lane area with medium-severity alligator cracking	Contractor Post-processing	Pavement Video Analysis	As a Computed 95% Confidence Level (5) (6)
44	AC_HI	999.9999 (%)	Percent of WiseCrax measured lane area with high-severity alligator	Contractor Post-processing	Pavement Video Analysis	As a Computed 95% Confidence Level (5) (6)

	FIELD	FORMAT	EXPECTED VALUE	SOURCE	VALIDATION	EXPECTED ACCURACY
			cracking			
45	LC_INDEX	999	Longitudinal cracking index	Contractor Post-processing	Database Processing	100% for calculation (5) (6)
46	LC_LOW	999.99 (%)	Low-severity longitudinal cracking in lane as a percentage of road interval length	Contractor Post-processing	Pavement Video Analysis	As a Computed 95% Confidence Level (5) (6)
47	LC_MED	999.99 (%)	Medium-severity longitudinal cracking in lane as a percentage of road interval length	Contractor Post-processing	Pavement Video Analysis	As a Computed 95% Confidence Level (5) (6)
48	LC_HI	999.99 (%)	High-severity longitudinal cracking in lane as a percentage of road interval length	Contractor Post-processing	Pavement Video Analysis	As a Computed 95% Confidence Level (5) (6)
49	TC_INDEX	999	Transverse cracking index	Contractor Post-processing	Database Processing	100% for calculation (5) (6)
50	TC_LOW	999.99 (cracks)	Count of low-severity transverse cracks, where one crack unit equals the WiseCrax measured lane width	Contractor Post-processing	Pavement Video Analysis	As a Computed 95% Confidence Level (5) (6)
51	TC_MED	999.99 (cracks)	Count of medium-severity transverse cracks, where one crack unit equals the WiseCrax measured lane width	Contractor Post-processing	Pavement Video Analysis	As a Computed 95% Confidence Level (5) (6)
52	TC_HI	999.99 (cracks)	Count of high-severity transverse cracks, where one crack unit equals the WiseCrax measured lane width	Contractor Post-processing	Pavement Video Analysis	As a Computed 95% Confidence Level (5) (6)
53	PATCH_INDEX	999	Patching index	Contractor Post-processing	Database Processing	100% for calculation (5) (6)
54	PATCHING	999.9999 (%)	Percent of WiseCrax measured lane area affected by patching	Contractor Post-processing	Pavement Video Analysis	As a Computed 95% Confidence Level (5) (6)
55	GPS_LAT	999.999999	Latitude coordinate	ARAN Data Collection	Automatic Output	<= 3.00 feet
56	GPS_LON	-999.999999	Longitude coordinate	ARAN Data Collection	Automatic Output	<= 3.00 feet
57	GPS_ELEV	99999.9	Elevation	ARAN Data Collection	Automatic Output	Untested
58	GPS_MODE	XXX	GPS Satellite Mode during collection	ARAN Data Collection	Automatic Output	Untested
59	DATUM	(Text)	LL_WGS84_DD	ARAN Data Collection	Database Processing	100%
60	VIDEO	<*Park*>C04VID<#>	Removable USB video hard	Contractor Post-processing	Database Processing	Untested

	FIELD	FORMAT	EXPECTED VALUE	SOURCE	VALIDATION	EXPECTED ACCURACY
			drive number			
61	IMAGE	(Text)	Filename of .jpg image showing road interval	Contractor Post-processing	Automatic Output	Untested
62	SPEED	999 (miles/hour)	Average ARAN speed during data collection	ARAN Data Collection	Automatic Output	Untested
63	BRIDGE_FLAG	0 or 1	Flag indicating presence of bridge in interval	ARAN Data Collection	Survey Crew Input	Untested
64	CONSTR_FLAG	0 or 1	Flag indicating construction in interval	ARAN Data Collection	Survey Crew Input	Untested
65	LANEDEV_FLAG	0 or 1	Flag indicating lane deviation in interval	ARAN Data Collection	Survey Crew Input	Untested
66	DATE	MM/DD/YY	Data collection date	ARAN Data Collection	Automatic Output	100%
67	NODISTRESS	0 OR 1	Flag indicating absence of pavement distress	Contractor Post-processing	Database Processing	100%
68	FILENAME	(Text)	Filename of raw data files	ARAN Data Collection	Automatic Output	100%
69	SECTION	(Text)	Route section ID	Route ID Meeting/ARAN Data Collection	Survey Crew Input/Automatic Output	100%
70	FKEY	(Numeric)	Unique record ID	Contractor Post-processing	Database Processing	100%
71	CONTRACTOR1	(Numeric)	Raw MP of first video frame in section	Contractor Post-processing	Database Processing	Untested
72	CONTRACTOR2	(Numeric)	Raw MP of last video frame in section	Contractor Post-processing	Database Processing	Untested
73	CONTRACTOR3	(Text)	Unique record ID used by VisiData	Contractor Post-processing	Database Processing	Untested
74	CONTRACTOR4	(Text)	Range of mileage to play in VisiData	Contractor Post-processing	Database Processing	Untested

ROUTE_GPS table metadata:

	FIELD	FORMAT	EXPECTED VALUE	SOURCE	VALIDATION	EXPECTED ACCURACY
1	RIP_CYCLE	XX	4, for RIP data collection Cycle 4	Route ID Meeting	FHWA Determination	100% referenced to other tables
2	STATE	XX	State where route is located	Route ID Meeting	Park Input/FHWA Determination	Untested
3	PARK_ALPHA	XXXX	Park alpha code	Route ID Meeting	NPS References	100% Referenced to other tables
4	PARK_NO	XXXX	Park numeric code	Route ID Meeting	NPS References	100% Referenced to other tables
5	RTE_NO	9999XXX	Route number	Route ID Meeting	Park Input/FHWA Classification	100% Referenced to other tables
6	FUNCT_CLASS	X	Route functional classification	Route ID Meeting	Park Input/FHWA Classification	100% Referenced to other tables
7	RTE_NAME	(Text)	Route name	Route ID Meeting	Park Input	100% Referenced to other tables . 100 characters fit in field
8	LANE_NUMBER	99	Data collection lane	Contractor Post-processing	Database Processing	Untested
9	DIRECTION	XXX	Survey lane: PRI (primary) or OPP (opposite)	Route ID Meeting	Park Input/FHWA Determination	Untested
10	MP	999.999	Mile Post (at 0.01 record)	ARAN Data Collection, Contractor Post-processing	Survey Crew Input/GPS Processing	Untested (3)
11	GPS_LAT	999.999999	GPS Latitude Co-ordinate (decimal degrees)	ARAN Data Collection, Contractor Post-processing	Automatic Output	<= 3.00 feet
12	GPS_LON	-999.999999	GPS Longitude Co-ordinate (-decimal degrees)	ARAN Data Collection, Contractor Post-processing	Automatic Output	<= 3.00 feet
13	GPS_ELEV	99999.9	Elevation	ARAN Data Collection, Contractor Post-processing	Automatic Output	Untested
14	GPS_MODE	XXX	GPS Satellite Mode during collection	ARAN Data Collection, Contractor Post-processing	Automatic Output	Untested
15	XFALL	999.9	Cross Fall: % Slope at GPS Location (Caution, Data not Validated)	ARAN Data Collection, Contractor Post-processing	Automatic Output	Untested
16	GRADE	999.9	Grade: % Slope at GPS Location (Caution, Data not Validated)	ARAN Data Collection, Contractor Post-processing	Automatic Output	Untested
17	HEADING	999.9	Heading Relative to True North	ARAN Data Collection	Automatic Output	Untested
18	DATUM	(Text)	LL_WGS84_DD	ARAN Data Collection	Database Processing	Untested
19	FILENAME	(Text)	Filename of raw data files	ARAN Data Collection	Automatic Output	Untested
20	FKEY	9999999	Unique record ID	Contractor Post-processing	Database Processing	Untested

21	DATE	MM/DD/YY	ARAN Data Collection Date	ARAN Data Collection	Automatic Output	Untested
22	COMMENT	(Text)	Source of Any Digitized Data	ARAN Data Collection	Database Processing	Untested
23	CONTRACTOR1	(Numeric)	Visi_from	Contractor Post-processing	Database Processing	Untested
24	CONTRACTOR2	(Numeric)	Visi_to	Contractor Post-processing	Database Processing	Untested
25	CONTRACTOR3	(Text)	Visi_dir (ipdated to chapter 1)	Contractor Post-processing	Database Processing	Untested
26	CONTRACTOR4	(Text)	Comments/exceptions	Contractor Post-processing	Database Processing	Untested

FHWA "Route ID Program" Database
Database Name: ROUTEINFO.mdb
Table Name: ROUTE_ID

	FIELD	FORMAT	EXPECTED VALUE	SOURCE	VALIDATION	EXPECTED ACCURACY
1	ROUTE_IDENT	XXXX-9999XXX	The Park's Alpha Code + "-" + RTE_NO (below).	Route ID Meeting	Automatic Output	100%, Reference source for all tables
2	RIP_CYCLE	99	4, for RIP data collection Cycle 4	Route ID Meeting	FHWA Determination	100%, Reference source for all tables
3	PARK_ALPHA	XXXX	Park Alpha Code	Route ID Meeting	NPS References	100%, Reference source for all tables
4	GROUP_ALPHA	XXXX	Group Alpha Code	Route ID Meeting	NPS References	100%, Reference source for all tables
5	PARK_NO	9999	Park Numeric Code	Route ID Meeting	NPS References	100%, Reference source for all tables
6	PARK_NAME	(text)	NPS Name of Park	Route ID Meeting	NPS References	100%, Reference source for all tables
7	RTE_NO	9999XXX	Route Number	Route ID Meeting	Park Input	100%, Reference source for all tables
8	RTE_NAME	(Text)	Route Name	Route ID Meeting	Park Input	100%, Reference source for all tables
9	FROM_DESC	(Text)	Beginning terminus of route	Route ID Meeting	Park Input/FHWA Determination	100%, Reference source for all tables
10	TO_DESC	(Text)	Ending terminus of route	Route ID Meeting	Park Input/FHWA Determination	100%, Reference source for all tables
11	INSP_DATE	MM/DD/YYYY	Collection Date	ARAN Data Collection	FHWA Determination	100%, Reference source for all tables
12	FUNCT_CLASS	XX	Functional Class	Route ID Meeting	Park Input/FHWA Determination	100%, Reference source for all tables
13	STATE	XX	State where route is located	Route ID Meeting	Park Input/FHWA Determination	Untested (1)
14	STATE2	XX	Additional State Park Route traverses	Route ID Meeting	Park Input/FHWA Determination	Untested (1)
15	FMSS_NO	(Text)	NPS's Facility Management Software System (FMSS) Asset number	Route ID Meeting	Park Input	100%, Reference source for all tables
16	FMSS_SUR_EQP	(Text)	FMSS Surface Equipment Number	Route ID Meeting	Park Input	Untested
17	M_DISTRICT	(Text)	Park Maintenance District Route resides in	Route ID Meeting	Park Input	100%, Reference source for all tables (1)
18	TOPOGRAPHY	(Text)	Predominate Terrain condition for	Route ID Meeting	FHWA Determination	100%, Reference source for all

	FIELD	FORMAT	EXPECTED VALUE	SOURCE	VALIDATION	EXPECTED ACCURACY
			Route. (FLAT, ROLLING, MOUNTAINOUS, or URBAN)			tables (1)
19	POSTED_SPEED	99	Posted Speed Limit for Route (Value is Predominate Speed Limit along Route)	Route ID Meeting	Park Input/FHWA Determination	Untested (1)
20	ARAN_ROUTE	XXX	Yes/No	Route ID Meeting	Park Input/FHWA Determination	100%, Reference source for all tables
21	PARKING_AREA	XXX	Yes/No	Route ID Meeting	Park Input/FHWA Determination	100%, Reference source for all tables
22	CONCESSION	XXX	Yes/No	Route ID Meeting	Park Input	100%, Reference source for all tables
23	PAVED_MI	999.999	Paved mileage (to the nearest 0.001)	ARAN Data Collection	Automatic Output	100%, Reference source for all tables
24	UNPAVED_MI	999.999	Unpaved mileage (to the nearest 0.001)	Route ID Meeting	Automatic Output	100%, Reference source for all tables
25	RTE_LENGTH	999.999	Official Route Length	Contractor Post-processing	Automatic Output	100%, Reference source for all tables
26	SURF_TYPE	XX	Surface type (PAVED: AS (asphalt, includes composite), CO (concrete), BR (brick/pavers), CB (cobblestone), OT (other))	Route ID Meeting	Survey Crew Input	100%, Reference source for all tables (1)
27	UNPAVED	XXXX	Unpaved Route (Yes/No/Both)	Route ID Meeting	Automatic Output	100%, Reference source for all tables
28	UNPAVED_CAT	XXX	Unpaved Road Category	Route ID Meeting	Automatic Output	Untested
29	CURB	(Text)	Parking Area with Curb around perimeter.	Route ID Meeting	Park Input/FHWA Determination	Untested
30	CURB_GUTTER	(Text)	Parking Area with Curb and Gutter around perimeter.	Route ID Meeting	Park Input/FHWA Determination	Untested
31	ADJ_ROUTE	9999XXX	Route number	Route ID Meeting	Automatic Output	100%, Reference source for all tables
32	USER_ACCESS	(Text)	Access Designation for Parking	Route ID Meeting	Park Input/FHWA Determination	100%, Reference source for all tables
33	PHOTO_NO	(Text)	Photo or Image	Route ID Meeting	Survey Crew Input	100%, Reference source for all tables
34	PLOT_SIZE	(Text)	Unpaved Parking Area Size	Route ID Meeting	Automatic Output	100%, Reference source for all tables
35	SQ_FEET	999.999	Route Square Footage	Contractor Post-processing	Automatic Output	100%, Reference source for all tables
36	M_RATING	(Text)	Manual Rating	Route ID Meeting	Automatic Output	100%, Reference source for all tables

	FIELD	FORMAT	EXPECTED VALUE	SOURCE	VALIDATION	EXPECTED ACCURACY
37	SQ_YARDS	999.999	Route Square Yardage	Contractor Post-processing	Automatic Output	100%, Reference source for all tables
38	LANES	XX	Route travel lanes	Route ID Meeting	Automatic Output	Untested (1)
39	PAVE_WIDTH	999.99	Pavement Width (Weighted average)	RIP Post-processing	Automatic Output	100% Referenced to other tables
40	LANE_MILES	999.999	Route Equivalent Lane Miles	RIP Post-processing	Automatic Output	100%, Reference source for all tables
41	AREA_MAP	(Text)	1 or 2-digit number	Contractor Post-processing	FHWA/Contractor Input	100%, Reference source for all tables
42	REMARKS	(Memo)	General remarks on Park route and data collection operations.	Contractor Post-processing	FHWA/Contractor Input	Untested
43	SUMMARY_REC	XXXX-9999XXX	ROUTE_IDENT of summary Park Asset	Route ID Meeting	Park Input/FHWA Determination	100%, Reference source for all tables
44	NPS_REGION	(Text)	Park Region	Route ID Meeting	Park Input/FHWA Determination	100%, Reference source for all tables
45	DIVISION	(Text)	FHWA Division	Route ID Meeting	Park Input/FHWA Determination	100%, Reference source for all tables
46	PCR	999.99	Route Weighted Average PCR value	RIP Post-processing	Automatic Output	100% Referenced to other tables
47	SCR	999.99	Route Weighted Average SCR value	RIP Post-processing	Automatic Output	100% Referenced to other tables
48	AADT	999	Average Adjusted Daily Traffic	RIP	Automatic Output	Untested
49	SADT	999	Seasonal Adjusted Daily Traffic	RIP	Automatic Output	Untested
50	ADT_DATE	MM/DD/YYYY	Traffic Date of Collection	RIP	Automatic Output	Untested
51	BEG_LAT	999.999999	Route Begin GPS Latitude Co-ordinate (decimal degrees)	ARAN Data Collection	Automatic Output	<= 3.00 feet, Referenced from other tables
52	BEG_LON	-999.999999	Route Begin GPS Longitude Co-ordinate (-decimal degrees)	ARAN Data Collection	Automatic Output	<= 3.00 feet, Referenced from other tables
53	BEG_ELEV	99999.9	Route Begin Elevation	ARAN Data Collection	Automatic Output	100% Referenced to other tables
54	BEG_MODE	XXX	Route Begin GPS Satellite Mode during collection	ARAN Data Collection	Automatic Output	100% Referenced to other tables
55	END_LAT	999.999999	Route End GPS Latitude Co-ordinate (decimal degrees)	ARAN Data Collection	Automatic Output	<= 3.00 feet, Referenced from other tables

	FIELD	FORMAT	EXPECTED VALUE	SOURCE	VALIDATION	EXPECTED ACCURACY
56	END_LON	-999.999999	Route End GPS Longitude Co-ordinate (-decimal degrees)	ARAN Data Collection	Automatic Output	<= 3.00 feet, Referenced from other tables
57	END_ELEV	99999.9	Route End Elevation	ARAN Data Collection	Automatic Output	100% Referenced to other tables
58	END_MODE	XXX	Route End GPS Satellite Mode during collection	ARAN Data Collection	Automatic Output	100% Referenced to other tables
59	DATUM	(Text)	LL_WGS84_DD	ARAN Data Collection	Automatic Output	100% Referenced to other tables
60	CHILD_ROUTE	XXX	Yes/No	Route ID Meeting	Automatic Output	100% Reference source for all tables
61	CULVERT_CNT	999	Route Culvert Count	RIP Post-processing	Automatic Output	100% Referenced to other tables
62	DROP_INLET_CNT	999	Route Drop Inlet Count	RIP Post-processing	Automatic Output	100% Referenced to other tables
63	GATE_CNT	999	Route Gate Count	RIP Post-processing	Automatic Output	100% Referenced to other tables
64	TRAFLIGHT_CNT	999	Route Traffic Light Count	RIP Post-processing	Automatic Output	100% Referenced to other tables
65	SIGN_CNT	999	Route Sign Count	RIP Post-processing	Automatic Output	100% Referenced to other tables
66	LWCROSS_CNT	999	Route Low Water Crossing Count	RIP Post-processing	Automatic Output	100% Referenced to other tables
67	BRIDGE_CNT	999	Route Bridge Count	RIP Post-processing	Automatic Output	100% Referenced to other tables
68	TUNNEL_CNT	999	Route Tunnel Count	RIP Post-processing	Automatic Output	100% Referenced to other tables
69	PULLOUT_CNT	999	Route Pullout Count	RIP Post-processing	Automatic Output	100% Referenced to other tables
70	INTERSEC_CNT	999	Route Intersection Count	RIP Post-processing	Automatic Output	100% Referenced to other tables
71	ST_BNDRY_CNT	999	Route State Boundary Count	RIP Post-processing	Automatic Output	100% Referenced to other tables
72	PRK_BNDRY_CNT	999	Route Park Boundary Count	RIP Post-processing	Automatic Output	100% Referenced to other tables
73	RETWALL_CNT	999	Route Retaining Wall Count	RIP Post-processing	Automatic Output	100% Referenced to other tables
74	RR_CROSS_CNT	999	Route RR Crossing Count	RIP Post-processing	Automatic Output	100% Referenced to other tables
75	CATTLE_CNT	999	Route Cattle Guard Count	RIP Post-processing	Automatic Output	100% Referenced to other tables
76	OVHDSIGN_CNT	999	Route Overhead Sign Count	RIP Post-processing	Automatic Output	100% Referenced to other tables
77	MILEMARK_CNT	999	Route Mile Marker Count	RIP Post-processing	Automatic Output	100% Referenced to other tables
78	FHYD_CNT	999	Route Fire Hydrant Count	RIP Post-processing	Automatic Output	100% Referenced to other tables
79	OVERPASS_CNT	999	Route Overpass Count	RIP Post-processing	Automatic Output	100% Referenced to other tables
80	CABLE_TLNG	9999.999 (ft)	Route Total Length Cable Barriers	RIP Post-processing	Automatic Output	100% Referenced to other tables

	FIELD	FORMAT	EXPECTED VALUE	SOURCE	VALIDATION	EXPECTED ACCURACY
81	GDRAIL_TLNG	9999.999 (ft)	Route Total Length Guard/Guide Rail Barriers	RIP Post-processing	Automatic Output	100% Referenced to other tables
82	GDWALL_TLNG	9999.999 (ft)	Route Total Length Guard/Guide Wall Barriers	RIP Post-processing	Automatic Output	100% Referenced to other tables
83	TEMP_BARR_TLNG	9999.999 (ft)	Route Total Length Temporary Barriers	RIP Post-processing	Automatic Output	100% Referenced to other tables
84	BOLLARD_TLNG	9999.999 (ft)	Route Total Length Bollard Barriers	RIP Post-processing	Automatic Output	100% Referenced to other tables
85	BARRIER_TLNG	9999.999 (ft)	Route Total Length All Barriers	RIP Post-processing	Automatic Output	100% Referenced to other tables
86	CURB_TLNG	9999.999 (ft)	Route Total Length Curbing (excludes Parking Areas)	RIP Post-processing	Automatic Output	100% Referenced to other tables
87	LWCROSS_TLNG	9999.999 (ft)	Route Total Length Low Water Crossings	RIP Post-processing	Automatic Output	100% Referenced to other tables
88	PAVDITCH_TLNG	9999.999 (ft)	Route Total Length Paved Ditch	RIP Post-processing	Automatic Output	100% Referenced to other tables (2)
89	TURNOUT_TLNG	9999.999 (ft)	Route Total Length Turnouts	RIP Post-processing	Automatic Output	100% Referenced to other tables
90	LANE_NUMBER	99	Number of Lane Tested	RIP Post-processing	Automatic Output	100% Referenced to other tables
91	LOCAL_FACTOR	9.9999	Park Location Factor	NPS Partner	Automatic Output	100% Reference source for all tables
92	E_ZONE	XXX	Route Environmental Zone	FHWA HPMA	Automatic Output	100% Reference source for all tables
93	PAVEMENT_DM	$99,999,999.99	Pavement Deferred Maintenance	FHWA HPMA	Automatic Output	100% Reference source for all tables
94	CRV	$99,999,999.99	Current Replacement Value	RIP Post-processing	Automatic Output	100% Reference source for all tables

Database Name: ROUTEINFO.mdb
Table Name: PARK_TOTALS

	FIELD	FORMAT	EXPECTED VALUE	SOURCE	VALIDATION	EXPECTED ACCURACY
1	RIP_CYCLE	99	4, for RIP data collection Cycle 4	Route ID Meeting	FHWA Determination	100% Referenced to other tables
2	PARK_ALPHA	XXXX	Park Alpha Code	Route ID Meeting	FHWA Determination	100% Referenced to other tables
3	GROUP_ALPHA	XXXX	Group Alpha Code	Route ID Meeting	NPS References	100% Referenced to other tables
4	PARK_NO	9999	Park Numeric Code	Route ID Meeting	NPS References	100% Referenced to other tables
5	PARK_NAME	XXXX	NPS Name of Park	Route ID Meeting	NPS References	100% Referenced to other tables
6	INSP_DATE	MM/DD/YYYY	Date that data was collected in the park (completion date).	Route ID Meeting and ARAN Data Collection	FHWA Determination	100% Referenced to other tables
7	NPS_REGION	XXXX	Park Region	Route ID Meeting	Park Input	100% Referenced to other tables
8	DIVISION	XXXX	FHWA Division	Route ID Meeting	FHWA Determination	100% Referenced to other tables
9	T_PAVED_MI	999.999	Total Park Paved Miles	RIP Post-processing	Automatic Output	100% Referenced to other tables
10	T_UNPAVED_MI	999.999	Total Park Unpaved Miles	RIP Post-processing	Automatic Output	100% Referenced to other tables
11	T_ROUTE_MILES	999.999	Total Park Route Miles	RIP Post-processing	Automatic Output	100% Referenced to other tables
12	T_ARAN_DRIVEN	999.999	Total Park ARAN Driven Miles	RIP Post-processing	Automatic Output	100% Referenced to other tables
13	T_ARAN_LMILES	999.999	Total Park ARAN Lane Miles	RIP Post-processing	Automatic Output	100% Referenced to other tables
14	T_CONCESS_PAVED	999.999	Total Park Concession Paved Miles	RIP Post-processing	Automatic Output	100% Referenced to other tables
15	T_CONCESS_UNPAVED	999.999	Total Park Concession Unpaved Miles	RIP Post-processing	Automatic Output	100% Referenced to other tables
16	T_PRK_PAVEDSQFT	999.999	Total Park Parking Paved Square Feet	RIP Post-processing	Automatic Output	100% Referenced to other tables
17	T_PRK_UNPAVEDSQFT	999.999	Total Park Parking Unpaved Square Feet	RIP Post-processing	Automatic Output	100% Referenced to other tables
18	T_CPRK_PAVEDSQFT	999.999	Total Park Concession Parking Paved Square Feet	RIP Post-processing	Automatic Output	100% Referenced to other tables

	FIELD	FORMAT	EXPECTED VALUE	SOURCE	VALIDATION	EXPECTED ACCURACY
19	T_CPRK_UNPAVEDSQFT	999.999	Total Park Concession Parking Unpaved Square Feet	RIP Post-processing	Automatic Output	100% Referenced to other tables
20	T_PARKING_SQFT	999.999	Total Park Parking Square Feet	RIP Post-processing	Automatic Output	100% Referenced to other tables
21	T_PARKING_LMILES	999.999	Total Park Parking Equivalent Lane Miles	RIP Post-processing	Automatic Output	100% Referenced to other tables
22	T_MRR_SQFT	999.999	Total Park Manually Rated Road Square Feet	RIP Post-processing	Automatic Output	100% Referenced to other tables
23	T_CMRR_SQFT	999.999	Total Park Concession Manually Rated Road Square Feet	RIP Post-processing	Automatic Output	100% Referenced to other tables
24	T_MRR_LMILES	999.999	Total Park Manually Rated Road Equivalent Lane Miles	RIP Post-processing	Automatic Output	100% Referenced to other tables
25	T_LMILES	999.999	Total Park Lane Miles	RIP Post-processing	Automatic Output	100% Referenced to other tables
26	T_CULVERT_CNT	999	Total Park Culvert Count	RIP Post-processing	Automatic Output	100% Referenced to other tables
27	T_DROP_INLET_CNT	999	Total Park Drop Inlet Count	RIP Post-processing	Automatic Output	100% Referenced to other tables
28	T_GATE_CNT	999	Total Park Gate Count	RIP Post-processing	Automatic Output	100% Referenced to other tables
29	T_TRAFLIGHT_CNT	999	Total Park Traffic light Count	RIP Post-processing	Automatic Output	100% Referenced to other tables
30	T_SIGN_CNT	999	Total Park Sign Count	RIP Post-processing	Automatic Output	100% Referenced to other tables
31	T_LWCROSS_CNT	999	Total Park Low Water Count	RIP Post-processing	Automatic Output	100% Referenced to other tables
32	T_BRIDGE_CNT	999	Total Park Bridge Count	RIP Post-processing	Automatic Output	100% Referenced to other tables
33	T_TUNNEL_CNT	999	Total Park Tunnel Count	RIP Post-processing	Automatic Output	100% Referenced to other tables
34	T_PULLOUT_CNT	999	Total Park Pullout Count	RIP Post-processing	Automatic Output	100% Referenced to other tables
35	T_INTERSEC_CNT	999	Total Park Intersections Count	RIP Post-processing	Automatic Output	100% Referenced to other tables
36	T_ST_BNDRY_CNT	999	Total Park State Boundaries Count	RIP Post-processing	Automatic Output	100% Referenced to other tables
37	T_PRK_BNDRY_CNT	999	Total Park Boundaries Count	RIP Post-processing	Automatic Output	100% Referenced to other tables
38	T_RETWALL_CNT	999	Total Park Retaining Wall Count	RIP Post-processing	Automatic Output	100% Referenced to other tables
39	T_RR_CROSS_CNT	999	Total Park RR Crossing Count	RIP Post-processing	Automatic Output	100% Referenced to other

	FIELD	FORMAT	EXPECTED VALUE	SOURCE	VALIDATION	EXPECTED ACCURACY
						tables
40	T_CATTLE_CNT	999	Total Park Cattle Guard Count	RIP Post-processing	Automatic Output	100% Referenced to other tables
41	T_OVHDSIGN_CNT	999	Total Park Overhead Sign Count	RIP Post-processing	Automatic Output	100% Referenced to other tables
42	T_MILEMARK_CNT	999	Total Park Mile Marker Count	RIP Post-processing	Automatic Output	100% Referenced to other tables
43	T_FHYD_CNT	999	Total Park Fire Hydrant Count	RIP Post-processing	Automatic Output	100% Referenced to other tables
44	T_OVERPASS_CNT	999	Total Park Overpass Count	RIP Post-processing	Automatic Output	100% Referenced to other tables
45	T_CABLE_TLNG	9999.999 (ft)	Total Length Park Cable Barriers	RIP Post-processing	Automatic Output	100% Referenced to other tables
46	T_GDRAIL_TLNG	9999.999 (ft)	Total Length Park Guard/Guide Rail Barriers	RIP Post-processing	Automatic Output	100% Referenced to other tables
47	T_GDWALL_TLNG	9999.999 (ft)	Total Length Park Guard/Guide Wall Barriers	RIP Post-processing	Automatic Output	100% Referenced to other tables
48	T_TEMP_BARR_TLNG	9999.999 (ft)	Total Length Park Temporary Barriers	RIP Post-processing	Automatic Output	100% Referenced to other tables
49	T_BOLLARD_TLNG	9999.999 (ft)	Total Length Park Bollard Barriers	RIP Post-processing	Automatic Output	100% Referenced to other tables
50	T_BARRIER_TLNG	9999.999 (ft)	Total Length All Park Barriers	RIP Post-processing	Automatic Output	100% Referenced to other tables
51	T_CURB_TLNG	9999.999 (ft)	Total Length Park Curbing	RIP Post-processing	Automatic Output	100% Referenced to other tables
52	T_LWCROSS_TLNG	9999.999 (ft)	Total Length Park Low Water Crossings	RIP Post-processing	Automatic Output	100% Referenced to other tables
53	T_PAVDITCH_TLNG	9999.999 (ft)	Total Length Park Paved Ditches	RIP Post-processing	Automatic Output	100% Referenced to other tables (2)
54	T_TURNOUT_TLNG	9999.999 (ft)	Total Length Park Turnouts	RIP Post-processing	Automatic Output	100% Referenced to other tables
55	PARK_PCR	99.99	Overall Park PCR Rating	RIP Post-processing	Automatic Output	100% Referenced to other tables
56	PARK_RCI	99.99	Overall Park RCI Rating	RIP Post-processing	Automatic Output	100% Referenced to other tables
57	PARK_SCR	99.99	Overall Park SCR Rating	RIP Post-processing	Automatic Output	100% Referenced to other tables
58	PARK_RUT_INDEX	99.99	Overall Park Rutting Index Rating	RIP Post-processing	Automatic Output	100% Referenced to other tables
59	PARK_AC_INDEX	99.99	Overall Park Alligator Cracking Index Rating	RIP Post-processing	Automatic Output	100% Referenced to other tables

	FIELD	FORMAT	EXPECTED VALUE	SOURCE	VALIDATION	EXPECTED ACCURACY
60	PARK_LC_INDEX	99.99	Overall Park Longitudinal Cracking Index Rating	RIP Post-processing	Automatic Output	100% Referenced to other tables
61	PARK_TC_INDEX	99.99	Overall Park Transverse Cracking Index Rating	RIP Post-processing	Automatic Output	100% Referenced to other tables
62	PARK_PATCH_INDEX	99.99	Overall Park Patching Index Rating	RIP Post-processing	Automatic Output	100% Referenced to other tables
63	PARK_CONC_PCR	99.99	Overall Park Concession PCR Rating	RIP Post-processing	Automatic Output	100% Referenced to other tables

Business Practices for Route Numbering and Roadway Asset Identification

Introduction and Background:
Beginning in November 2006, inventory and condition information gathered by the Federal Highway Administration (FHWA) has been stored in FMSS to enable NPS to report Deferred Maintenance (DM) and Current Replacement Value (CRV) for NPS paved roads, paved parking areas, bridges, and tunnels. The NPS Roads Working Group (RWG) has been tasked with developing and implementing the procedures necessary to transfer DM and CRV from FHWA's databases to NPS' Facility Management Software System (FMSS).

Current business practices for roadway definition in national parks involve face-to-face meetings between FHWA personnel and individual park staff known as "Route ID" meetings. These meetings have been ongoing for several years and have been performed within the context of the Road Inventory Program (RIP) executed mainly by FHWA. The primary focus of these meetings has been on defining roadway static information such as route names, numbers, functional class, etc. The FHWA personnel are the primary individuals responsible for implementing the RIP and the route ID meetings are an integral and fundamental part of that process. The RIP process provides route numbers for each individual road and parking area in each park. After the route ID meetings establish a given park's roadway asset base, various types of condition and inventory data are collected either manually or with a data collection van that drives each individual road with an individual route number.

The FMSS requires asset numbers as unique identifiers for all asset types including roadways. **The current practice is that all roadways that are assigned a route number at route ID, also are defined as assets and therefore also receive an FMSS asset number** (Route names and functional classes are also collaboratively assigned during the face-to-face route ID meetings). This practice began midway through the third RIP data collection cycle (ending in 2003) and was further reinforced during an asset alignment process conducted in the summer of 2006. The alignment process ensured that each route number in RIP and each asset number in FMSS were matched to the correct road and parking area.

Issue Statement:
As a result of various pre-existing business practices associated with the RIP, which predates FMSS by several years, route numbers are assigned for routes that are often very small. In tandem with the current business practice that all routes with route numbers are considered assets, this has caused a proliferation of asset numbers within FMSS. Over the past year, the RWG has learned that this business practice has significantly increased time and resources that parks must dedicate to administering FMSS data entry and management. This additional work effort is due to the fact that tying FMSS asset records to the more detailed, granular RIP route numbers has generated numerous new assets that require additional database and work order management. This has led to a situation where assets are not being defined the way they are managed.

The following proposed practices seek to create an asset definition process that is dictated by to how road assets are managed at the park level, not according to the pre-existing practices used in RIP for collecting detailed road information. RIP practices assign route numbers mainly based on how data are collected and driven with a data collection device. These procedures will disassociate the driving of roads with the data collection van from the process of assigning them asset status. **The end goal is to only assign asset numbers based on how parks manage their facilities within guidelines set up within FMSS and herein.** Driving the road with the data collection van allows for the collection of higher quality data as well as the ability to view road segments with video viewing software (Visidata). By de-linking driving the roads with the assignment of "asset status", we are able to get the best quality data without the proliferation of assets that has serious negative ramifications for managing roadways in parks using asset management tools.

Proposed Actions:

1. Make a distinction within the route number field in the RIP database between those route numbers that represent assets, those that are subcomponents of assets and those that are groups of sub-components. The route number field in the RIP database will be expanded from 6 to 7 characters. The additional character will denote the asset status of the route in question. Combined routes will be designated with a double "zz", while subcomponents will be designated with one "z". Whenever possible, a combined route should use the lowest route number to be combined as the combined route number.
2. Only show assets, whether a group of subcomponents or a single component, on the Route ID report. Assets that are composed of subcomponents will have "zz" in the route number. Individual routes will have no additional characters in the route number. Subcomponents (designated in RIP with a "z") will not be listed on the route ID report. Only assign asset numbers to those routes listed on the route ID report.
3. Provide a separate reporting function (other than the Route ID report) to identify and display information for route numbers not representing assets. Specific reporting requirements and format TBD.
4. Add a new field to the RIP database to indicate the "asset status" of a route number. The flag will have three possible values:
    a. Asset with no subcomponents.
    b. Asset with subcomponents.
    c. Non-asset (i.e. subcomponent).

    Both a change in the route number and a new "asset ID" field in the RIP database are recommended. It is easier to perform queries and other database manipulations using a separate field instead of a character within the route number field. The character in the route number field allows for rapid identification of the asset status of a road without having to access the database as a whole. Even thought non-asset routes will not be included in the route ID report (the primary location for parks to view road information in RIP), there are many other reports as well as the Visidata application where the route number is

displayed. In these cases, the character in the route number will clearly identify the asset status of the roadway.

5. Focus asset definition practices on NPS asset management needs. Create roadway assets based on how parks manage these assets within the following guidelines:
    a. Individual road segments (asset subcomponents) may be combined into a single asset**. Note that all the attributes of individual subcomponents (paved area, equipment, work orders, etc) will be included in the combined asset.**
    b. In general, combination should be used in complex circulatory environments such as campground areas, housing and other administrative areas, maintenance areas, etc.
    c. Public and non-public segments may not be combined.
    d. Segments with differing functional classes may not be combined.
    e. Discrete parking areas may be combined into a single asset where they service the same facility or resource and are within walking distance of each other.
    f. Parking areas and roads may not be combined. This includes short road segments that may be near or adjacent to parking areas. See 5h below for exceptions to this.
    g. Where the primary purpose of a road is to provide access to a parking area, and that road segment is approximately 0.25 miles in length or shorter, the access road should be considered part of the parking area (Note that this is an existing RIP business practice).
    h. Particularly long routes may be divided into multiple assets based on how a park manages the roadway network. This should not be confused with the use of sub-components listed in 5a.
    i. Roads that are actively managed by concession operations may not be combined with those managed by the NPS.

Discussion:
The first four items listed above are actions required by FHWA RIP to allow for the adoption of the practices shown in 5a-i. The following will provide additional direction and examples for guidelines listed.

<u>Individual road segments (asset subcomponents) may be combined into a single asset.</u>
Where previous route ID practices have generated more assets (routes) than are practical from an asset management standpoint, small, discrete road lengths may be designated as asset subcomponents and then combined into a larger single asset. A subcomponent is NOT an FMSS term. Subcomponents will be used in RIP to indicate which routes are small, drivable individual road segments and which routes may include these segments. Once a piece of road is designated a subcomponent of another route, it will no longer have any individual identity in FMSS. Only those routes listed on the RIP Route ID report will have asset numbers in FMSS. As stated in business rule 2 above, subcomponents will not be listed on the route ID. The quantity information (length, area) will be included into the larger route of which they are a part. See Figures 1 and 2 for an example of how existing assets may be combined using subcomponents. Note that

subcomponents will have an identity in the RIP database and, if driven by RIP team, may be referenced in RIP reports, Visidata, or other RIP documentation.

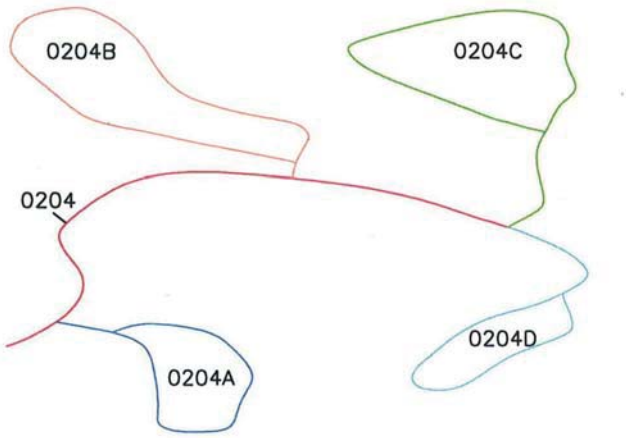


Figure 1: Campground with five routes and five assets

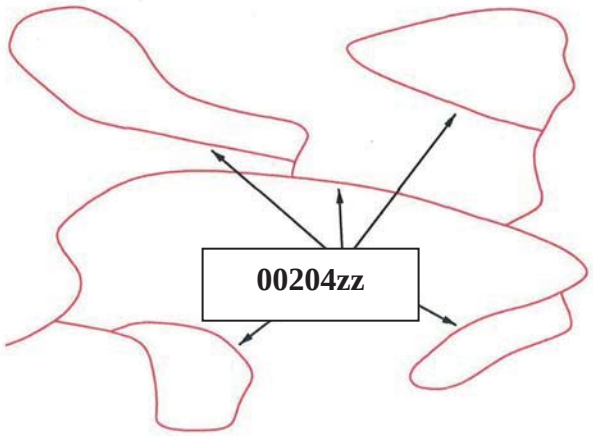


Figure 2: Campground with all loops combined into one route and one asset. This has eliminated four assets.

In general, combination should occur in complex circulatory environments such as campground areas, housing and other administrative areas, maintenance areas, etc.

Typically these complex situations are where too many assets have been used to define roadways. Combining simple "point A to point B" roads that are clearly defined and provide access to different facilities or locations may not be done.

Public and non-public segments may not be combined. Roads that are posted as closed to the public or are intended as administrative access only (maintenance areas, housing areas, fire roads, etc) can not be combined with roads open to the public.

Segments with differing functional classes may not be combined. The roadway functional class is found on the Route ID report. Functional class indicates the type of circulatory function a given road provides. Functional class is used in a variety of applications (engineering, safety, funding) so it is important to maintain the correct functional class attributes of individual roads/assets. There are some cases where functional class was erroneously assigned in prior Route ID meetings such as where campground loops have a different functional class than the campground road. Functional classes of individual roads may be modified to correct discrepancies. The functional class definitions may not be modified.

Discrete parking areas may be combined into a single asset where they service the same facility or resource and are within walking distance of each other. These combined areas should be maintained as one asset. There are many instances where small (5-10 space), discrete parking areas have been separated into individual assets even though they provide parking for the same area or facility. These may be combined into a single asset. Figures 3 and 4 shows examples of combining parking areas.

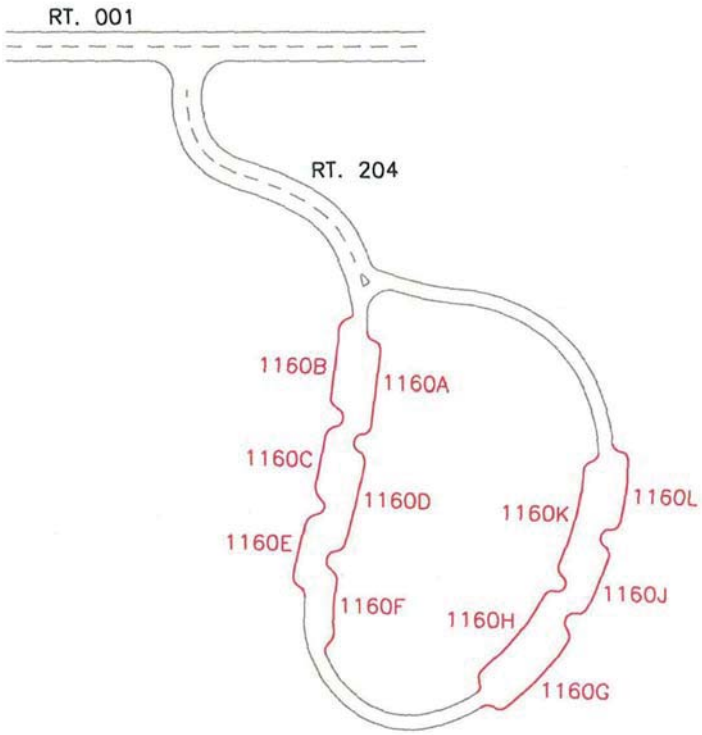


Figure 3: Parking with access route 204 and multiple parking areas (1160 A-L). Currently, this parking area is 12 routes and 12 assets (one 1100 asset and 11 1300 assets).

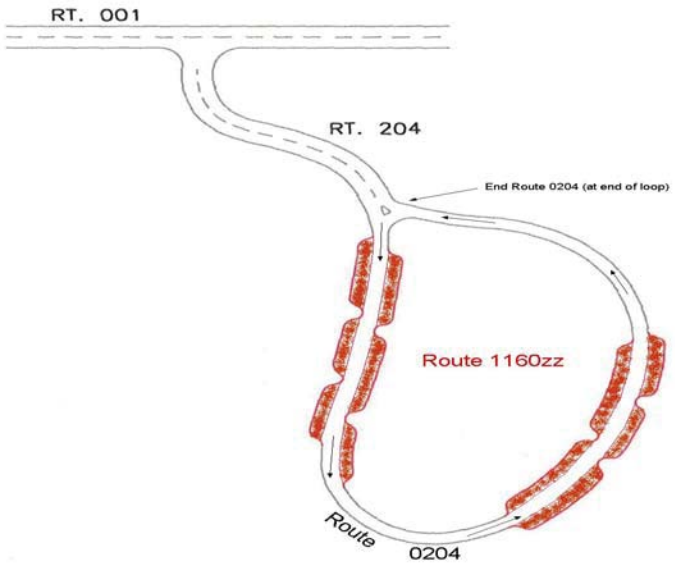


Figure 4: Parking with access route 204 and one parking area 1160zz. Route 204 is assumed longer than 0.25 miles. There are now 2 assets (one 1100 asset, one 1300 asset) instead of 12.

Parking areas and roads may not be combined. Parking areas and roads are tracked as separate asset types (1300 vs. 1100) in FMSS and as such should not be combined except in situations described by 5g. In Figure 5, Route 207 is a spur road from the main route running through parking area 1102. Since the spur road continues through and beyond the parking area, it will remain a separate route.

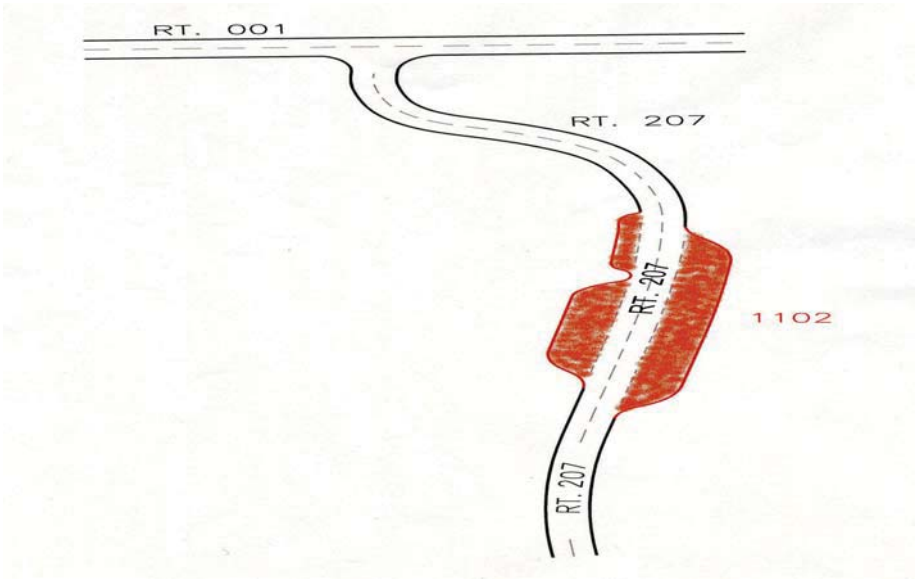


Figure 5: Parking with access route 207 running through and continuing beyond parking 1102. This access route cannot be considered a part of the parking area and two routes and two assets continue to exist.

Where the primary purpose of a road is to provide access to a parking area, and that road segment is less than 0.25 miles in length, the access road should be considered part of the parking area. See Figures 8. Where a road continues on past a parking area to another facility or destination, even if it is less than 0.25 miles to the initial parking area, the road and parking area may not be combined.

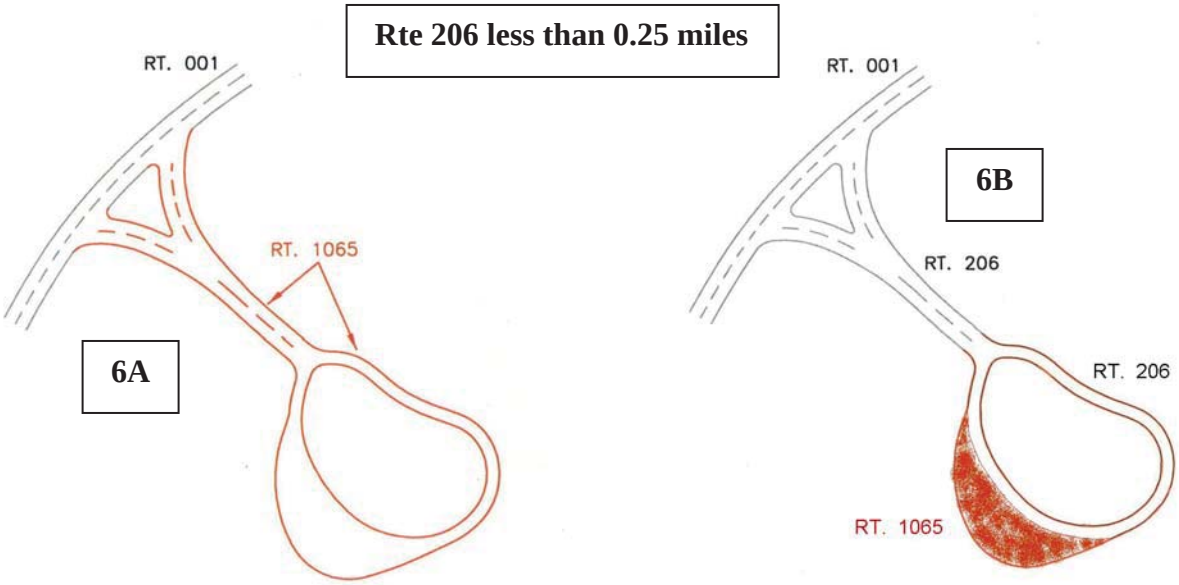


Figure 6: Since the access route is less than .25 miles in length and the only use of the access is to the parking, one route for both the access and the parking area can be established.

Particularly long routes may be divided into multiple assets based on how a park manages the roadway network. This should not be confused with the use of sub-components listed in 5a. Routes like the Blue Ridge Parkway or the Yellowstone Grand Loop may not lend themselves to management as a single asset by virtue of their length. Often management districts are created for sections of these routes and maintenance activities occur primarily within these districts. Parks may break routes up into separate assets during the Route ID process if the road is managed as discrete sections. This should only be done for very long roads.

The following example illustrates a complex road system and how the proposed business practice and several of the guidelines could be applied to create fewer assets that are consistent with local management.

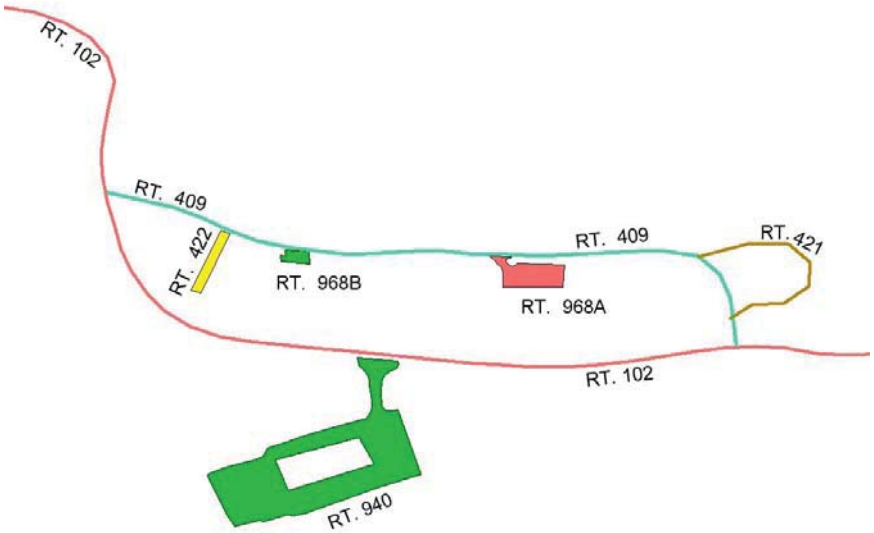


Figure 7 – Current Housing area access configuration. Route 409 is less than 0.25 miles long.

The area serviced by Routes 409, 421, 422, 968A, and 968B is all employee housing. Route 940 provides access to visitor services and not to the housing area. Routes may be combined to create assets that reflect local management. Routes 409, 421, and 422 are all the same functional class, provide access to one type of activity (housing) and are all posted as non-public. These routes may be combined. They should not be combined with any parking areas even though they are all less than 0.25 miles long. This is because their main function is not to provide access to parking. Routes 968A and B provide parking for access to the same facility (housing). Even though these discrete areas may provide parking to different housing units, it's reasonable to manage them as a single asset. They may also be combined.

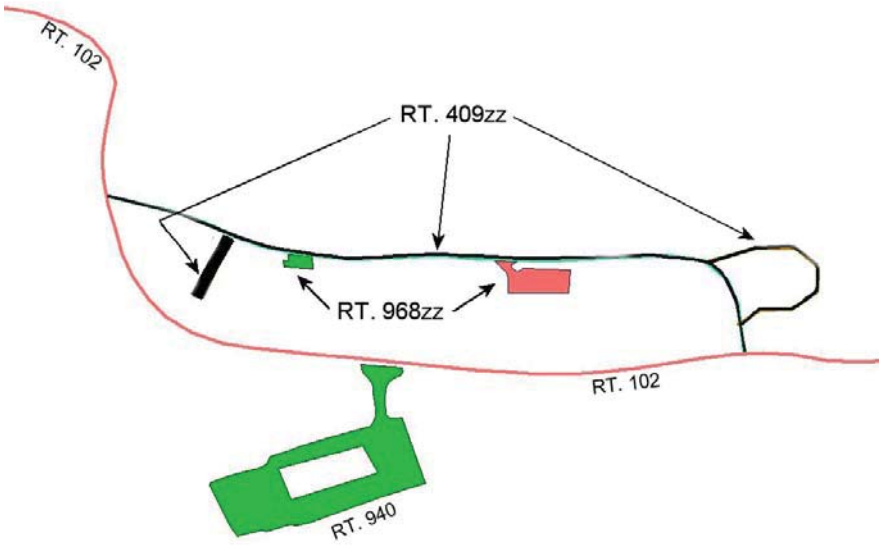


Figure 8 – Combined housing area access configuration – Parking and road assets combined to eliminate 3 assets.