Federal Lands Highway

Road Inventory Program

Road Inventory and Condition Assessment

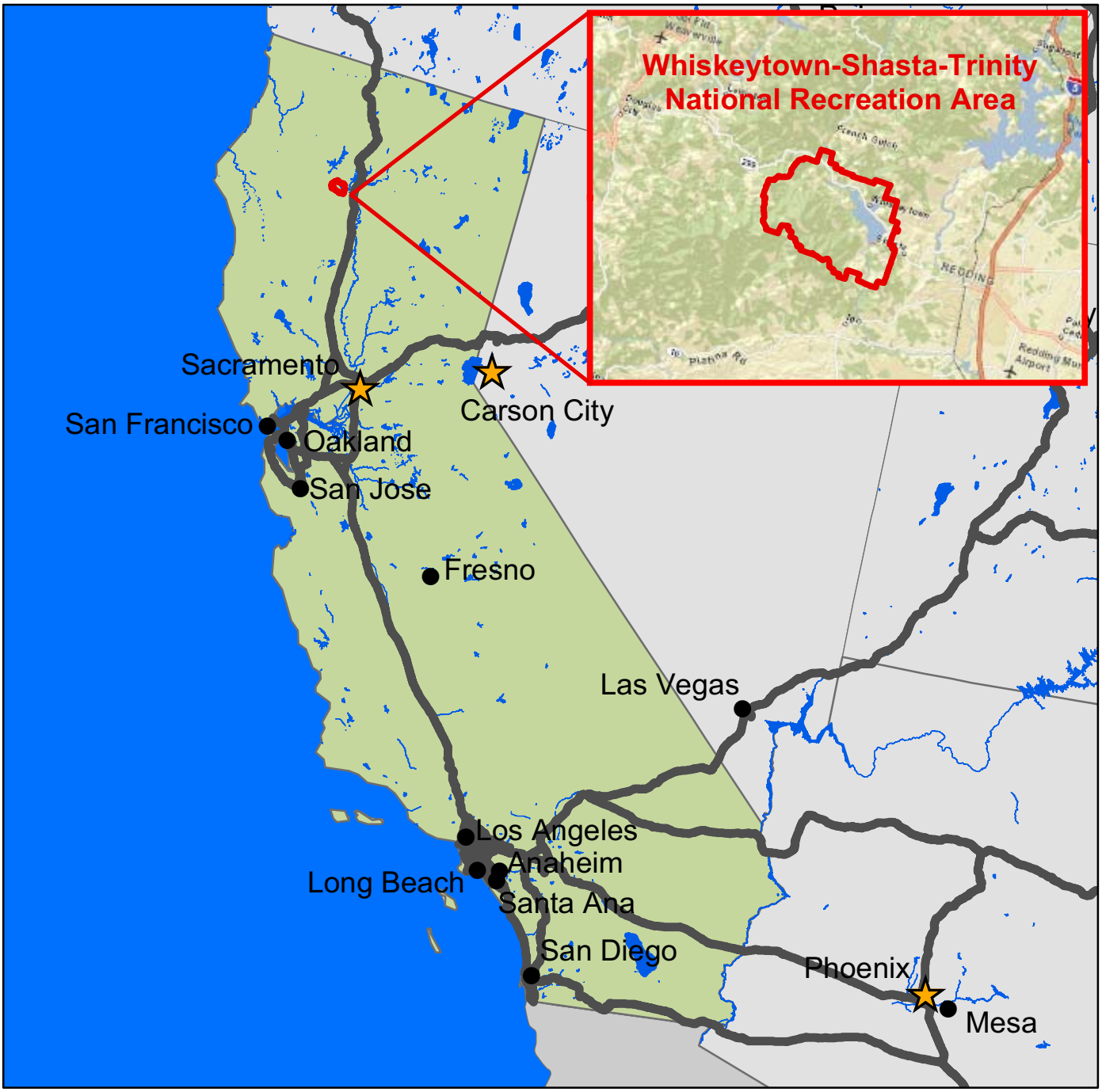
Whiskeytown-Shasta-Trinity National Recreation Area

WHIS - 8750

Cycle 5 Report

Prepared By: Federal Highway Administration
Road Inventory Program (RIP)
Data Collection Date: 08/2010
Report Date: 03/2012

Whiskeytown-Shasta-Trinity National Recreation Area
in
California



DCV = Data Collection Vehicle

TABLE OF CONTENTS

Section 1
Introduction

Whiskeytown-Shasta-Trinity
National Recreation Area

Federal Lands Highway
Road Inventory Program

INTRODUCTION

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

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

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

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

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

In an effort to improve the accuracy of treatment recommendations and pavement condition descriptions, an extensive study was completed throughout 2010 that has resulted in changes to the RIP condition reporting method, specifically the distresses and indexes that comprise the Pavement Condition Rating (PCR). It was determined that a better representation of PCR could

be achieved by modifying the relative impact certain distresses would have on the overall rating. The changes that were implemented were endorsed by management at both the FHWA and NPS in October 2010. These changes will allow greater use of RIP and HPMA data for not simply condition data reporting, but also as a reliable tool for project identification and selection. Because of these changes, the PCR Condition ratings reported in Cycle 5 do not directly relate to the condition ratings reported in previous cycle RIP Reports. For more detailed information about the changes, see Section 3 and Section 10 in this RIP Report.

Cycle 5 has launched in the summer of 2010 and will again comprise all parks, large and small, that are served by paved roads and/or parking areas. For Cycle 5, the decision was made to collect condition data in large parks on Functional Class 1, 2, and 7 paved routes only, as well as any new routes that were previously not collected. In small parks, all paved routes and parking areas will be collected. As a result, this will include 81 large parks with 4,459 paved route miles and 168 small parks with 529 paved route miles and associated paved parking areas.

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

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

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

Respectfully,

FHWA RIP Team

FHWA/Eastern Federal Lands
21400 Ridgetop Circle
Sterling, VA 20166
(703) 404-6371

FHWA/Central Federal Lands
12300 West Dakota Ave
Lakewood, CO 80228
(720) 963-3560

Section 2
Park Route Inventory

Whiskeytown-Shasta-Trinity
National Recreation Area

Federal Lands Highway
Road Inventory Program

Cycle 5 NPS/RIP Route ID Report

Shading Color Key:
Red text denotes approx. mileage

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

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

** DCV - Data Collection Vehicle NC - Not Collected

WHIS

WHISKEYTOWN-SHASTA-TRINITY NATIONAL RECREATION AREA

Rte. No.	Cycle Collected	FMSS No.	Concess Route	Route Name	Route Description From	Route Description To	Maint. District	Paved Miles	Un-Paved Miles	Total Route Length	Func. Class	Manual Rated SQ/FT	Surf. Type	Area Maps
0010	5	23349		SOUTH SHORE DRIVE EAST	FROM END OF ROUTE 5010 (KENNEDY MEMORIAL DRIVE)	TO BEGINNING OF ROUTE 0206 (DRY CREEK CAMPGROUND)	N/A	1.04	0.00	1.04	1	0	AS	4
0100	5	23352		BRANDY CREEK BEACH ROAD	FROM ROUTE 5010 (KENNEDY MEMORIAL DRIVE)	TO ROUTE 0920 (BRANDY CREEK PARKING LOT B)	N/A	0.38	0.00	0.38	2	0	AS	4
0101	5	23353		BRANDY CREEK MARINA ROAD	FROM ROUTE 0010 (SOUTH SHORE DRIVE EAST)	TO ROUTE 0922 (BRANDY CREEK MARINA PARKING)	N/A	0.46	0.00	0.46	2	0	AS	4
0103	5	99468		OAK BOTTOM BEACH ROAD	FROM INTERSECTION OF STATE HIGHWAY 299 (EUREKA WAY) AND BEGINNING OF ROUTE 0407 (GRIZZLY GULCH ROAD)	TO ROUTE 0931 (OAK BOTTOM BEACH PARKING)	N/A	0.44	0.00	0.44	2	0	AS	2
0104	5	23356		OAK BOTTOM MARINA ROAD	FROM INTERSECTION OF ROUTE 0103 (OAK BOTTOM BEACH ROAD) AT MP 0.28 (ON RIGHT) AND ROUTE 0215 (OAK BOTTOM CAMPGROUND LOOP A)	TO ROUTE 0935 (OAK BOTTOM MARINA PARKING)	N/A	0.29	0.00	0.29	2	0	AS	2
0105	5	99366		TOWER HOUSE FOOTBRIDGE ACCESS ROAD	FROM STATE HIGHWAY 299 (EUREKA WAY)	TO END AT BOLLARD AT PEDESTRIAN BRIDGE	N/A	0.07	0.00	0.07	2	0	AS	1
0150	NC	58128		MILL CREEK ROAD	FROM ROUTE 0209 (CARR POWERHOUSE ROAD)	TO END	N/A	0.00	5.00	5.00	2	0	GR	
0151	NC	23360		SHASTA BALLY ROAD	FROM ROUTE 5010 (KENNEDY MEMORIAL DRIVE)	TO END	N/A	0.00	8.15	8.15	2	0	GR	
0152	NC	23361		SOUTH SHORE DRIVE WEST	FROM INTERSECTION OF ROUTE 0010 (SOUTH SHORE DRIVE EAST) AND ROUTE 0206 (DRY CREEK CAMPGROUND)	TO ROUTE 0209 (CARR POWERHOUSE ROAD)	N/A	0.00	5.09	5.09	2	0	GR	
0153	NC	99369		LAKESHORE ACCESS ROAD	FROM ROUTE 0209 (CARR POWERHOUSE ROAD)	TO END	N/A	0.00	0.50	0.50	2	0	GR	
0154	NC	99370		SHASTA DIVIDE ROAD	FROM STATE HIGHWAY 299 (EUREKA WAY)	TO POWER TOWER	N/A	0.00	1.40	1.40	2	0	GR	

Cycle 5 NPS/RIP Route ID Report

Shading Color Key:
Red text denotes approx. mileage

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

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

** DCV - Data Collection Vehicle NC - Not Collected

WHIS

WHISKEYTOWN-SHASTA-TRINITY NATIONAL RECREATION AREA

Rte. No.	Cycle Collected	FMSS No.	Concess Route	Route Name	Route Description From	Route Description To	Maint. District	Paved Miles	Un-Paved Miles	Total Route Length	Func. Class	Manual Rated SQ/FT	Surf. Type	Area Maps
0201	5	23365		N.E.E.D. CAMP ROAD	FROM INTERSECTION OF ROUTE 0256 (PAIGE BAR ROAD) AND END OF ROUTE 5201 (PAIGE BAR ROAD NON NPS)	TO ROUTE 0914 (N.E.E.D. CAMP PARKING)	N/A	0.27	0.00	0.27	3	0	AS	4
0205	5	23367		BRANDY CREEK MARINA R.V. CAMPGROUND	FROM ROUTE 0101 (BRANDY CREEK MARINA ROAD) AT MP 0.29 (ON RIGHT)	TO DEAD END AT CUL-DE-SAC	N/A	0.42	0.00	0.42	3	0	AS	4
0206	5	23369		DRY CREEK CAMPGROUND	FROM END OF ROUTE 0010 (SOUTH SHORE DRIVE EAST)	TO ROUTE 0938 (DRY CREEK CAMPGROUND PARKING)	N/A	0.20	0.00	0.20	3	0	AS	4
0209	5	23371		CARR POWERHOUSE ROAD	FROM STATE HIGHWAY 299 (EUREKA WAY)	TO ROUTE 0152 (SOUTH SHORE DRIVE WEST)	N/A	1.10	0.00	1.10	3	0	AS	1
0211	5	23373		CARR LAKE ACCESS ROAD	FROM ROUTE 0209 (CARR POWERHOUSE ROAD) AT MP 0.07 (ON LEFT)	TO OAK BOTTOM WATER DITCH TRAILHEAD PARKING	N/A	0.51	0.00	0.51	3	0	AS	1
0214	NC	23375		TURNOUT LAKE SPUR	FROM ROUTE 0408 (DISPOSAL POND ROAD)	TO END	N/A	0.00	0.50	0.50	4	0	GR	
0215	5	23376		OAK BOTTOM CAMPGROUND LOOP A	FROM ROUTE 0103 (OAK BOTTOM BEACH ROAD) AT MP 0.28 (ON LEFT)	TO END OF LOOP	N/A	0.50	0.00	0.50	3	0	AS	2
0216	5	99376		OAK BOTTOM CAMPGROUND LOOP B	FROM ROUTE 0215 (OAK BOTTOM CAMPGROUND LOOP A) AT MP 0.06 (ON LEFT)	TO ROUTE 0215 (OAK BOTTOM CAMPGROUND LOOP A) AT MP 0.45 (ON LEFT)	N/A	0.05	0.00	0.05	3	0	AS	2
0220	5	23379		WHISKEY CREEK GROUP PICNIC ROAD	FROM ROUTE 5000 (WHISKEY CREEK ROAD)	TO ROUTE 0945 (WHISKEY CREEK GROUP PICNIC AREA PARKING)	N/A	1.38	0.00	1.38	3	0	AS	3
0221	5	83008		CRYSTAL CREEK CAMP ACCESS ROAD	FROM END OF ROUTE 5221 (CRYSTAL CREEK ROAD) AT COUNTY LINE	TO BEGINNING OF CRYSTAL CREEK CONSERVATION CAMP BRIDGE	N/A	1.96	0.00	1.96	3	0	AS	1
0222	NC	99384		CRYSTAL CREEK CAMPGROUND ROAD	FROM ROUTE 0251 (CRYSTAL CREEK ROAD)	TO ROUTE 0222 (CRYSTAL CREEK CAMPGROUND ROAD)	N/A	0.00	0.20	0.20	3	0	GR	
0251	NC	23382		CRYSTAL CREEK ROAD	FROM ROUTE 0221 (CRYSTAL CREEK CAMP ACCESS ROAD)	TO ROUTE 0252 (COGGINS PARK SPUR)	N/A	0.00	7.30	7.30	4	0	GR	

Cycle 5 NPS/RIP Route ID Report

Shading Color Key:
Red text denotes approx. mileage

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

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

** DCV - Data Collection Vehicle NC - Not Collected

WHIS

WHISKEYTOWN-SHASTA-TRINITY NATIONAL RECREATION AREA

Rte. No.	Cycle Collected	FMSS No.	Concess Route	Route Name	Route Description From	Route Description To	Maint. District	Paved Miles	Un-Paved Miles	Total Route Length	Func. Class	Manual Rated SQ/FT	Surf. Type	Area Maps
0252	NC	23398		COGGINS PARK SPUR	FROM ROUTE 0251 (CRYSTAL CREEK ROAD)	TO END	N/A	0.00	0.46	0.46	4	0	GR	
0253	NC	23400		SHASTA BALLY ROAD WEST	FROM ROUTE 0252 (COGGINS PARK SPUR)	TO END	N/A	0.00	1.00	1.00	4	0	GR	
0255	NC	83013		BRANDY CREEK ROAD	FROM ROUTE 0151 (SHASTA BALLY ROAD)	TO END	N/A	0.00	1.50	1.50	4	0	GR	
0256	NC	58121		PAIGE BAR ROAD	FROM ROUTE 0151 (SHASTA BALLY ROAD)	TO MULE TOWN ROAD	N/A	0.00	4.53	4.53	3	0	GR	
0258	NC	99385		COUNTY LINE ROAD	FROM PARK BOUNDARY	TO ROUTE 0251 (CRYSTAL CREEK ROAD)	N/A	0.00	2.50	2.50	4	0	GR	
0400	**5**	**83011**		**HEADQUARTERS ROAD**	**FROM ROUTE 5010 (KENNEDY MEMORIAL DRIVE)**	**TO BEGINNING OF ROUTE 0415 (GOVERNMENT BOAT LAUNCH LOOP)**	**N/A**	**0.23**	**0.00**	**0.23**	**5**	**0**	**AS**	**4**
0401	**5**	**99386**		**N.E.E.D. CAMP RESIDENCE ROAD**	**FROM ROUTE 0914 (N.E.E.D. CAMP PARKING)**	**TO DEAD END**	**N/A**	**0.10**	**0.05**	**0.15**	**5**	**0**	**AS**	**4**
0402	NC	99387		N.E.E.D. CAMP SERVICE ROAD	FROM ROUTE 0201 (N.E.E.D. CAMP ROAD)	TO END	N/A	0.00	0.19	0.19	6	0	GR	
0404	**5**	**83010**		**BRANDY CREEK SERVICE ROAD SOUTH**	**FROM INTERSECTION OF ROUTE 5010 (KENNEDY MEMORIAL DRIVE) AND BEGINNING OF ROUTE 0100 (BRANDY CREEK BEACH ROAD)**	**TO ROUTE 0917 (BRANDY CREEK STORAGE YARD)**	**N/A**	**0.17**	**0.00**	**0.17**	**6**	**0**	**AS**	**4**
0405	**5**	**99389**		**CARR POWERHOUSE SERVICE ROAD**	**FROM ROUTE 0209 (CARR POWERHOUSE ROAD) AT MP 0.45 (ON RIGHT)**	**TO END**	**N/A**	**0.16**	**0.31**	**0.47**	**5**	**0**	**AS**	**1**
0406	**5**	**37948**		**QUARTERS 324 ROAD**	**FROM STATE HIGHWAY 299 (EUREKA WAY)**	**TO END AT DRIVEWAY AND UNPAVED PARKING**	**N/A**	**0.28**	**0.00**	**0.28**	**6**	**0**	**AS**	**1**
0407	**5**	**83009**		**GRIZZLY GULCH ROAD**	**FROM INTERSECTION OF STATE HIGHWAY 299 (EUREKA WAY) AND BEGINNING OF ROUTE 0103 (OAK BOTTOM BEACH ROAD)**	**TO PARK BOUNDARY**	**N/A**	**0.40**	**0.65**	**1.05**	**5**	**0**	**AS**	**2**
0408	NC	83012		DISPOSAL POND ROAD	FROM STATE HIGHWAY 299 (EUREKA WAY)	TO END	N/A	0.00	0.68	0.68	5	0	GR	
0409	NC	83014		MERRY MOUNTAIN ROAD	FROM STATE HIGHWAY 299 (EUREKA WAY)	TO ROUTE 0410 (TOWER RESIDENCE ROAD)	N/A	0.00	0.62	0.62	5	0	GR	

Cycle 5 NPS/RIP Route ID Report

Shading Color Key:
Red text denotes approx. mileage

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

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

** DCV - Data Collection Vehicle NC - Not Collected

WHIS

WHISKEYTOWN-SHASTA-TRINITY NATIONAL RECREATION AREA

Rte. No.	Cycle Collected	FMSS No.	Concess Route	Route Name	Route Description From	Route Description To	Maint. District	Paved Miles	Un-Paved Miles	Total Route Length	Func. Class	Manual Rated SQ/FT	Surf. Type	Area Maps
0410	5	83015		TOWER RESIDENCE ROAD	FROM TRINITY MOUNTAIN ROAD	TO END AT GATE	N/A	0.42	0.00	0.42	6	42,134	AS	1
0411	5	99390		BULL GULCH SERVICE ROAD	FROM ROUTE 0406 (QUARTERS 324 ROAD) AT MP 0.02 (ON RIGHT)	TO END	N/A	0.47	0.10	0.57	6	0	AS	1
0413	NC	99391		SOUTH FORK MOUNTAIN LOOKOUT ROAD	FROM STATE HIGHWAY 299 (EUREKA WAY)	TO PARK BOUNDARY	N/A	0.00	5.30	5.30	5	0	GR	
0414	5	99392		GRIZZLY GULCH WATER TANK ACCESS ROAD	FROM ROUTE 0407 (GRIZZLY GULCH ROAD) AT MP 0.18 (ON LEFT)	TO DEAD END	N/A	0.07	0.00	0.07	5	0	AS	2
0415	5	99393		GOVERNMENT BOAT LAUNCH LOOP	FROM END OF ROUTE 0400 (HEADQUARTERS ROAD) AT MP 0.23 (ON LEFT)	TO ROUTE 0400 (HEADQUARTERS ROAD) AT MP 0.24	N/A	0.11	0.00	0.11	5	0	AS	4
0416	NC	99398		WATER TANK ACCESS ROAD	FROM ROUTE 5201 (PAIGE BAR ROAD NON NPS)	TO END	N/A	0.00	0.10	0.10	6	0	GR	
0417	NC	99399		BRANDY CREEK PUMPHOUSE ROAD	FROM ROUTE 0920 (BRANDY CREEK PARKING LOT B)	TO END	N/A	0.00	0.50	0.50	6	0	GR	
0418	NC	99400		BRANDY CREEK TREATMENT PLANT ROAD	FROM ROUTE 0404 (BRANDY CREEK SERVICE ROAD SOUTH)	TO END	N/A	0.00	0.50	0.50	6	0	GR	
0419	NC	99401		BRANDY CREEK WATER TANK SERVICE ROAD	FROM ROUTE 0404 (BRANDY CREEK SERVICE ROAD SOUTH)	TO END	N/A	0.00	0.20	0.20	6	0	GR	
0420	NC	99402		BRANDY CREEK PUMPHOUSE SERVICE ROAD	FROM ROUTE 5010 (KENNEDY MEMORIAL DRIVE)	TO END	N/A	0.00	0.10	0.10	6	0	GR	
0421	NC	99403		EAST BEACH ACCESS ROAD	FROM ROUTE 5010 (KENNEDY MEMORIAL DRIVE)	TO END	N/A	0.00	0.10	0.10	6	0	GR	
0422	NC	99404		ORFINO SERVICE ROAD	FROM ROUTE 5201 (PAIGE BAR ROAD NON NPS)	TO POWER TOWER	N/A	0.00	1.80	1.80	6	0	GR	
0900ZZ	5	23363		VISITOR CENTER PARKING AREAS	FROM ROUTE 5010 (KENNEDY MEMORIAL DRIVE)	TO ROUTE 5010 (KENNEDY MEMORIAL DRIVE)	N/A	0.00	0.00	0.00		19,310	AS	4
0901	5	99405		PARK HEADQUARTERS VISITOR PARKING	FROM ROUTE 0400 (HEADQUARTERS ROAD) AT MP 0.04 (ON RIGHT)	TO PARKING	N/A	0.00	0.00	0.00		5,186	AS	4

Cycle 5 NPS/RIP Route ID Report

Shading Color Key:
Red text denotes approx. mileage

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

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

** DCV - Data Collection Vehicle NC - Not Collected

WHIS

WHISKEYTOWN-SHASTA-TRINITY NATIONAL RECREATION AREA

Rte. No.	Cycle Collected	FMSS No.	Concess Route	Route Name	Route Description From	Route Description To	Maint. District	Paved Miles	Un-Paved Miles	Total Route Length	Func. Class	Manual Rated SQ/FT	Surf. Type	Area Maps
0902A	5	99406		PARK HEADQUARTERS EMPLOYEE PARKING A	ADJACENT TO ROUTE 0400 (HEADQUARTERS ROAD) AT MP 0.03 (ON LEFT)		N/A	0.00	0.00	0.00		6,195	AS	4
0902B	5	99408		PARK HEADQUARTERS EMPLOYEE PARKING B	ADJACENT TO ROUTE 0400 (HEADQUARTERS ROAD) AT MP 0.06 (ON RIGHT)		N/A	0.00	0.00	0.00		2,118	AS	4
0903	5	99412		PARK HEADQUARTERS EMPLOYEE PARKING	ADJACENT TO ROUTE 0400 (HEADQUARTERS ROAD) ON RIGHT		N/A	0.00	0.00	0.00		1,560	AS	4
0904	5	99413		MAINTENANCE YARD	FROM ROUTE 0400 (HEADQUARTERS ROAD) AT MP 0.07 (ON LEFT)	TO ROUTE 0400 (HEADQUARTERS ROAD) AT MP 0.12 (ON LEFT)	N/A	0.00	0.00	0.00		16,423	AS	4
0905	5	99414		HEADQUARTERS ADMINISTRATIVE PARKING	FROM ROUTE 0400 (HEADQUARTERS ROAD) AT MP 0.10 (ON RIGHT)	TO PARKING	N/A	0.00	0.00	0.00		3,764	AS	4
0907	5	99415		HEADQUARTERS GOVERNMENT CAR PARKING	ADJACENT TO ROUTE 0400 (HEADQUARTERS ROAD) AT MP 0.11 (ON RIGHT)		N/A	0.00	0.00	0.00		1,133	AS	4
0908	NC	99420		DROP BOX	FROM ROUTE 5010 (KENNEDY MEMORIAL DRIVE)	TO DROP BOX	N/A	0.00	0.00	0.00		12,118	GR	
0909	5	99421		EAST BEACH PARKING	ADJACENT TO ROUTE 5010 (KENNEDY MEMORIAL DRIVE) ON RIGHT		N/A	0.00	0.00	0.00		9,021	AS	4
0910ZZ	5	99422		KENNEDY MEMORIAL VISTAS PARKING AREAS	ADJACENT TO ROUTE 5010 (KENNEDY MEMORIAL DRIVE) ON LEFT AND RIGHT		N/A	0.00	0.00	0.00		9,460	AS	4
0911A	5	99423		KENNEDY MONUMENT / DAM PARKING A	ADJACENT TO ROUTE 5010 (KENNEDY MEMORIAL DRIVE)		N/A	0.00	0.00	0.00		7,865	AS	4
0911B	5	99426		KENNEDY MONUMENT / DAM PARKING B	ADJACENT TO ROUTE 5010 (KENNEDY MEMORIAL DRIVE) AND ROUTE 5201 (PAIGE BAR ROAD NON NPS)		N/A	0.00	0.00	0.00		25,781	AS	4

Cycle 5 NPS/RIP Route ID Report

Shading Color Key:
Red text denotes approx. mileage

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

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

** DCV - Data Collection Vehicle NC - Not Collected

WHIS

WHISKEYTOWN-SHASTA-TRINITY NATIONAL RECREATION AREA

Rte. No.	Cycle Collected	FMSS No.	Concess Route	Route Name	Route Description From	Route Description To	Maint. District	Paved Miles	Un-Paved Miles	Total Route Length	Func. Class	Manual Rated SQ/FT	Surf. Type	Area Maps
0912	NC	99427		MOUNT SHASTA MINE LOOP TRAILHEAD PARKING	FROM ROUTE 5201 (PAIGE BAR ROAD NON NPS)	TO PARKING	N/A	0.00	0.00	0.00		49,941	GR	
0913	NC	99428		N.E.E.D. CAMP OVERFLOW PARKING	FROM ROUTE 0201 (N.E.E.D. CAMP ROAD)	TO PARKING	N/A	0.00	0.00	0.00		9,650	GR	
0914	**5**	**99429**		**N.E.E.D. CAMP PARKING**	**FROM END OF ROUTE 0201 (N.E.E.D. CAMP ROAD) AT MP 0.27**	**TO BEGINNING OF ROUTE 0401 (N.E.E.D. CAMP RESIDENCE ROAD)**	**N/A**	**0.00**	**0.00**	**0.00**		**13,357**	**AS**	**4**
0915	**5**	**99430**		**N.E.E.D. CAMP CAFETERIA ACCESS PARKING**	**FROM ROUTE 0401 (N.E.E.D. CAMP RESIDENCE ROAD) AT MP 0.06 (ON RIGHT)**	**TO PARKING**	**N/A**	**0.00**	**0.00**	**0.00**		**2,533**	**AS**	**4**
0916	NC	99431		DAVIS GULCH TRAILHEAD PARKING	FROM ROUTE 5010 (KENNEDY MEMORIAL DRIVE)	TO PARKING	N/A	0.00	0.00	0.00		5,115	GR	
0917	NC	99450		BRANDY CREEK STORAGE YARD	FROM ROUTE 0404 (BRANDY CREEK SERVICE ROAD SOUTH) AT MP 0.17 (SIDE N/A)	TO STORAGE YARD	N/A	0.00	0.00	0.00		10,050	GR	
0918	NC	99451		BRANDY CREEK BEACH RESTROOM PARKING	FROM ROUTE 0100 (BRANDY CREEK BEACH ROAD) AT MP 0.04 (ON RIGHT)	TO PARKING	N/A	0.00	0.00	0.00		11,870	GR	
0919	**5**	**99452**		**BRANDY CREEK PARKING LOT A**	**FROM ROUTE 0100 (BRANDY CREEK BEACH ROAD) AT MP 0.12 (ON LEFT)**	**TO PARKING**	**N/A**	**0.00**	**0.00**	**0.00**		**45,074**	**AS**	**4**
0920	**5**	**99453**		**BRANDY CREEK PARKING LOT B**	**FROM END OF ROUTE 0100 (BRANDY CREEK BEACH ROAD) AT MP 0.37**	**TO PARKING**	**N/A**	**0.00**	**0.00**	**0.00**		**113,366**	**AS**	**4**
0921	NC	99454		BRANDY CREEK FALLS TRAILHEAD PARKING	FROM ROUTE 0151 (SHASTA BALLY ROAD)	TO PARKING	N/A	0.00	0.00	0.00		3,445	GR	
0922	**5**	**99455**		**BRANDY CREEK MARINA PARKING**	**FROM END OF ROUTE 0101 (BRANDY CREEK MARINA ROAD) AT MP 0.43 (ON RIGHT)**	**TO PARKING**	**N/A**	**0.00**	**0.00**	**0.00**		**180,958**	**AS**	**4**
0923	**5**	**99456**		**DRY STORAGE AREA**	**FROM ROUTE 0101 (BRANDY CREEK MARINA ROAD) AT MP 0.38 (ON LEFT)**	**TO ROUTE 0922 (BRANDY CREEK MARINA PARKING)**	**N/A**	**0.00**	**0.00**	**0.00**		**22,431**	**AS**	**4**

Cycle 5 NPS/RIP Route ID Report

Shading Color Key:
Red text denotes approx. mileage

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

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

** DCV - Data Collection Vehicle NC - Not Collected

WHIS

WHISKEYTOWN-SHASTA-TRINITY NATIONAL RECREATION AREA

Rte. No.	Cycle Collected	FMSS No.	Concess Route	Route Name	Route Description From	Route Description To	Maint. District	Paved Miles	Un-Paved Miles	Total Route Length	Func. Class	Manual Rated SQ/FT	Surf. Type	Area Maps
0924A	5	99457		BRANDY CREEK R.V. PARKING A	ADJACENT TO ROUTE 0205 (BRANDY CREEK MARINA R.V. CAMPGROUND) AT MP 0.13 (ON LEFT)		N/A	0.00	0.00	0.00		3,555	AS	4
0924B	5	99458		BRANDY CREEK R.V. PARKING B	ADJACENT TO ROUTE 0205 (BRANDY CREEK MARINA R.V. CAMPGROUND) AT MP 0.18 (ON LEFT)		N/A	0.00	0.00	0.00		5,960	AS	4
0924C	5	99459		BRANDY CREEK R.V. PARKING C	ADJACENT TO ROUTE 0205 (BRANDY CREEK MARINA R.V. CAMPGROUND) AT MP 0.25 (ON LEFT)		N/A	0.00	0.00	0.00		3,146	AS	4
0924D	5	99460		BRANDY CREEK R.V. PARKING D	ADJACENT TO ROUTE 0205 (BRANDY CREEK MARINA R.V. CAMPGROUND) AT MP 0.32 (ON RIGHT)		N/A	0.00	0.00	0.00		3,960	AS	4
0924E	5	99461		BRANDY CREEK R.V. PARKING E	ADJACENT TO ROUTE 0205 (BRANDY CREEK MARINA R.V. CAMPGROUND) AT MP 0.36 (ON RIGHT)		N/A	0.00	0.00	0.00		5,291	AS	4
0924F	5			BRANDY CREEK R.V. PARKING F	ADJACENT TO ROUTE 0205 (BRANDY CREEK MARINA R.V. CAMPGROUND) AT MP 0.15 (ON RIGHT)		N/A	0.00	0.00	0.00		1,454	AS	4
0924G	5			BRANDY CREEK R.V. PARKING G	ADJACENT TO ROUTE 0205 (BRANDY CREEK MARINA R.V. CAMPGROUND) AT MP 0.15 (ON LEFT)		N/A	0.00	0.00	0.00		559	AS	4
0924H	5			BRANDY CREEK R.V. PARKING H	ADJACENT TO ROUTE 0205 (BRANDY CREEK MARINA R.V. CAMPGROUND) AT MP 0.34 (ON RIGHT)		N/A	0.00	0.00	0.00		515	AS	4

Cycle 5 NPS/RIP Route ID Report

Shading Color Key:
Red text denotes approx. mileage

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

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

** DCV - Data Collection Vehicle NC - Not Collected

WHIS

WHISKEYTOWN-SHASTA-TRINITY NATIONAL RECREATION AREA

Rte. No.	Cycle Collected	FMSS No.	Concess Route	Route Name	Route Description From	Route Description To	Maint. District	Paved Miles	Un-Paved Miles	Total Route Length	Func. Class	Manual Rated SQ/FT	Surf. Type	Area Maps
0925	5	99462		CARR PICNIC AREA PARKING	FROM ROUTE 0209 (CARR POWERHOUSE ROAD) AT MP 0.63 (ON LEFT)	TO ROUTE 0209 (CARR POWERHOUSE ROAD) AT MP 0.71 (ON LEFT)	N/A	0.00	0.00	0.00		21,128	AS	1
0926	NC	99463		CARR STORAGE YARD	FROM ROUTE 0405 (CARR POWERHOUSE SERVICE ROAD)	TO STORAGE YARD	N/A	0.00	0.00	0.00		16,186	GR	
0927	NC	99464		ROPE SWING PARKING	FROM STATE HIGHWAY 299 (EUREKA WAY)	TO PARKING	N/A	0.00	0.00	0.00		5,265	GR	
0928	5	99465		TOWER HOUSE HISTORIC DISTRICT PARKING	FROM STATE HIGHWAY 299 (EUREKA WAY)	TO PARKING	N/A	0.00	0.00	0.00		30,397	AS	1
0929	5	99466		OAK BOTTOM WATER DITCH TRAIL PARKING	ADJACENT TO ROUTE 0103 (OAK BOTTOM BEACH ROAD) ON RIGHT		N/A	0.00	0.00	0.00		4,876	AS	2
0930	5	99467		OAK BOTTOM CAMPGROUND STORE PARKING	FROM ROUTE 0103 (OAK BOTTOM BEACH ROAD) AT MP 0.23 (ON LEFT)	TO ROUTE 0104 (OAK BOTTOM MARINA ROAD) AT MP 0.01 (ON LEFT)	N/A	0.00	0.00	0.00		9,408	AS	2
0931	5	23354		OAK BOTTOM BEACH PARKING	FROM END OF ROUTE 0103 (OAK BOTTOM BEACH ROAD) AT MP 0.45	TO PARKING	N/A	0.00	0.00	0.00		38,234	AS	2
0932	5	99469		OAK BOTTOM R.V. CAMP PARKING	FROM ROUTE 0104 (OAK BOTTOM MARINA ROAD) AT MP 0.05 (ON RIGHT)	TO ROUTE 0104 (OAK BOTTOM MARINA ROAD) AT MP 0.18 (ON RIGHT)	N/A	0.00	0.00	0.00		39,291	AS	2
0933	5	99470		OAK BOTTOM LAUNCH RAMP	FROM ROUTE 0104 (OAK BOTTOM MARINA ROAD) AT MP 0.02 (ON RIGHT)	TO ROUTE 0103 (OAK BOTTOM BEACH ROAD) AT MP 0.44 (ON LEFT)	N/A	0.00	0.00	0.00		130,182	AS	2
0934	5	99471		OAK BOTTOM R.V. DUMP STATION PARKING	ADJACENT TO ROUTE 0103 (OAK BOTTOM BEACH ROAD) AT MP 0.30 (ON RIGHT)		N/A	0.00	0.00	0.00		6,781	AS	2
0935	5	99472		OAK BOTTOM MARINA PARKING	FROM END OF ROUTE 0104 (OAK BOTTOM MARINA ROAD) AT MP 0.28	TO PARKING	N/A	0.00	0.00	0.00		57,511	AS	2

Cycle 5 NPS/RIP Route ID Report

Shading Color Key:
Red text denotes approx. mileage

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

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

** DCV - Data Collection Vehicle NC - Not Collected

WHIS

WHISKEYTOWN-SHASTA-TRINITY NATIONAL RECREATION AREA

Rte. No.	Cycle Collected	FMSS No.	Concess Route	Route Name	Route Description From	Route Description To	Maint. District	Paved Miles	Un-Paved Miles	Total Route Length	Func. Class	Manual Rated SQ/FT	Surf. Type	Area Maps
0936A	5	99474		OAK BOTTOM CAMPGROUND PARKING A	ADJACENT TO ROUTE 0215 (OAK BOTTOM CAMPGROUND LOOP A) AT MP 0.04 (ON RIGHT)		N/A	0.00	0.00	0.00		1,169	AS	2
0936B	5	99473		OAK BOTTOM CAMPGROUND PARKING B	ADJACENT TO ROUTE 0215 (OAK BOTTOM CAMPGROUND LOOP A) AT MP 0.17 (ON LEFT)		N/A	0.00	0.00	0.00		2,473	AS	2
0936C	5	99475		OAK BOTTOM CAMPGROUND PARKING C	ADJACENT TO ROUTE 0215 (OAK BOTTOM CAMPGROUND LOOP A) AT MP 0.24 (ON LEFT)		N/A	0.00	0.00	0.00		2,054	AS	2
0936D	5	99476		OAK BOTTOM CAMPGROUND PARKING D	ADJACENT TO ROUTE 0215 (OAK BOTTOM CAMPGROUND LOOP A) AT MP 0.28 (ON RIGHT)		N/A	0.00	0.00	0.00		3,178	AS	2
0936E	5	99477		OAK BOTTOM CAMPGROUND PARKING E	FROM ROUTE 0215 (OAK BOTTOM CAMPGROUND LOOP A) AT MP 0.26 (ON LEFT)	TO ROUTE 0215 (OAK BOTTOM CAMPGROUND LOOP A) AT MP 0.29 (ON LEFT)	N/A	0.00	0.00	0.00		3,838	AS	2
0936F	5	99478		OAK BOTTOM CAMPGROUND PARKING F	ADJACENT TO ROUTE 0215 (OAK BOTTOM CAMPGROUND LOOP A) AT MP 0.35 (ON LEFT)		N/A	0.00	0.00	0.00		2,837	AS	2
0936G	5	99479		OAK BOTTOM CAMPGROUND PARKING G	ADJACENT TO ROUTE 0215 (OAK BOTTOM CAMPGROUND LOOP A) AT MP 0.42 (ON LEFT)		N/A	0.00	0.00	0.00		3,112	AS	2
0937	5	99480		WHISKEY CREEK BOAT LAUNCH PARKING	FROM ROUTE 5000 (WHISKEY CREEK ROAD)	TO PARKING	N/A	0.00	0.00	0.00		66,364	AS	3
0938	NC	99481		DRY CREEK CAMPGROUND PARKING	FROM ROUTE 0206 (DRY CREEK CAMPGROUND) AT MP 0.19 (SIDE N/A)	TO PARKING	N/A	0.00	0.00	0.00		22,480	GR	
0940	5	99482		GRIZZLY GULCH WATER TANK ACCESS PARKING	FROM ROUTE 0414 (GRIZZLY GULCH WATER TANK ACCESS ROAD) AT MP 0.06	TO PARKING	N/A	0.00	0.00	0.00		448	AS	2
0941	5	99483		OAK BOTTOM FIRE CACHE PARKING	FROM ROUTE 0104 (OAK BOTTOM MARINA ROAD) AT MP 0.03 (ON LEFT)	TO PARKING	N/A	0.00	0.00	0.00		7,741	AS	2

Cycle 5 NPS/RIP Route ID Report

Shading Color Key:
Red text denotes approx. mileage

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

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

** DCV - Data Collection Vehicle NC - Not Collected

WHIS

WHISKEYTOWN-SHASTA-TRINITY NATIONAL RECREATION AREA

Rte. No.	Cycle Collected	FMSS No.	Concess Route	Route Name	Route Description From	Route Description To	Maint. District	Paved Miles	Un-Paved Miles	Total Route Length	Func. Class	Manual Rated SQ/FT	Surf. Type	Area Maps
0943	**5**	**99485**		**MILL CREEK TRAILHEAD PARKING**	**ADJACENT TO ROUTE 0221 (CRYSTAL CREEK CAMP ACCESS ROAD)**		**N/A**	**0.00**	**0.00**	**0.00**		**4,284**	**AS**	**1**
0944	**5**	**23033**		**GUARDIAN ROCK TRAILHEAD PARKING**	**ADJACENT TO ROUTE 0201 (N.E.E.D. CAMP ROAD) AT MP 0.06 (ON LEFT)**		**N/A**	**0.00**	**0.00**	**0.00**		**1,689**	**AS**	**4**
0945	NC	99833		WHISKEY CREEK GROUP PICNIC AREA PARKING	FROM END OF ROUTE 0220 (WHISKEY CREEK GROUP PICNIC ROAD) AT MP 1.37 (SIDE N/A)	TO PARKING	N/A	0.00	0.00	0.00		0	GR	
0946	**5**			**ENTRANCE TO WHISKEYTOWN PARKING**	**FROM STATE HIGHWAY 299 (EUREKA WAY)**	**TO STATE HIGHWAY 299 (EUREKA WAY)**	**N/A**	**0.00**	**0.00**	**0.00**		**6,288**	**AS**	**4**
5000	4			WHISKEY CREEK ROAD	FROM STATE HIGHWAY 299 (EUREKA WAY)	TO PARK BOUNDARY	N/A	2.48	0.00	2.48		0	AS	3
5010	4			KENNEDY MEMORIAL DRIVE	FROM STATE HIGHWAY 299 (EUREKA WAY)	TO BEGINNING OF ROUTE 0010 (SOUTH SHORE DRIVE EAST)	N/A	4.72	0.00	4.72		0	AS	4
5201	4			PAIGE BAR ROAD NON NPS	FROM ROUTE 5010 (KENNEDY MEMORIAL DRIVE)	TO BEGINNING OF ROUTE 0201 (N.E.E.D. CAMP ROAD)	N/A	1.86	0.00	1.86		0	AS	4
5221	4			CRYSTAL CREEK ROAD NON NPS	FROM STATE HIGHWAY 299 (EUREKA WAY)	TO BEGINNING OF ROUTE 0221 (CRYSTAL CREEK CAMP ACCESS ROAD)	N/A	2.07	0.00	2.07		0	AS	1

Cycle 5 NPS/RIP Route ID Report

Shading Color Key:
Red text denotes approx. mileage

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

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

** DCV - Data Collection Vehicle NC - Not Collected

CYCLE 5 SUMMARY TOTALS FOR WHISKEYTOWN-SHASTA-TRINITY NATIONAL RECREATION AREA

CYCLE 5 ROUTE TOTALS

DCV Driven Route Miles	11.05
Manually Rated Route Miles	0.42
TOTAL PARK ROUTE MILES COLLECTED IN CYCLE 5	11.47
Manually Rated Routes (SQFT)	42,134
TOTAL UNPAVED PARK ROUTE MILES	49.33

CYCLE 5 CONCESSION TOTALS

Concession Paved Route Miles	0.00
Concession Unpaved Route Miles	0.00
TOTAL CONCESSION ROUTE MILES	0.00
Concession Paved Parking Area SQFT	0
Concession Unpaved Parking Area SQFT	0
TOTAL CONCESSION PARKING AREA SQFT	0
Concession Manually Rated Rotes SQFT	0

* CYCLE 5 PARKING AREA TOTALS

Paved Parking (SQFT)	953,258
Unpaved Parking (SQFT)	146,120
TOTAL PARKING (SQFT)	1,099,378

CYCLE 5 WEIGHTED AVERAGE PARK VALUES

DCV Driven PCR	82
**Manually Rated Routes PCR	45
**Parking PCR	89
***Total Equivalent Lane Miles	37.75

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

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

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

Cycle 5 NPS/RIP Route ID Report

Shading Color Key:
Red text denotes approx. mileage

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

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

** DCV - Data Collection Vehicle NC - Not Collected

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 and Video Log only.

Surface Type Abbreviations:

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

NPS/RIP Subcomponent Details for WHIS

Shading Color Key:
Red text denotes approx. mileage

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

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

WHIS

WHISKEYTOWN-SHASTA-TRINITY NATIONAL RECREATION AREA

Asset Entered in FMSS System

Rte. No.	FMSS No.	Cycle Collected	Route Name	Route Description From	Route Description To	Concess Route	Func. Class	Paved Miles	Un-Paved Miles	Total Route Length	Manual Rated SQ/FT
0900ZZ	23363	5	VISITOR CENTER PARKING AREAS	FROM ROUTE 5010 (KENNEDY MEMORIAL DRIVE)	TO ROUTE 5010 (KENNEDY MEMORIAL DRIVE)			0.00	0.00	0.00	19,310
0910ZZ	99422	5	KENNEDY MEMORIAL VISTAS PARKING AREAS	ADJACENT TO ROUTE 5010 (KENNEDY MEMORIAL DRIVE) ON LEFT AND RIGHT				0.00	0.00	0.00	9,460

Asset WHIS-0900ZZ Subcomponent Breakdown

Rte. No.	FMSS No.	Cycle Collected	Route Name	Route Description From	Route Description To	Concess Route	Func. Class	Paved Miles	Un-Paved Miles	Total Route Length	Manual Rated SQ/FT
0900AZ	23363	5	VISITOR CENTER PARKING A	ADJACENT TO ROUTE 5010 (KENNEDY MEMORIAL DRIVE)				0.00	0.00	0.00	1,522
0900BZ	23363	5	VISITOR CENTER PARKING B	FROM ROUTE 5010 (KENNEDY MEMORIAL DRIVE)	TO ROUTE 5010 (KENNEDY MEMORIAL DRIVE)			0.00	0.00	0.00	17,788

Asset WHIS-0910ZZ Subcomponent Breakdown

Rte. No.	FMSS No.	Cycle Collected	Route Name	Route Description From	Route Description To	Concess Route	Func. Class	Paved Miles	Un-Paved Miles	Total Route Length	Manual Rated SQ/FT
0910AZ	99422	5	KENNEDY MEMORIAL VISTAS PARKING A	ADJACENT TO ROUTE 5010 (KENNEDY MEMORIAL DRIVE) ON RIGHT				0.00	0.00	0.00	5,852
0910BZ	99422	5	KENNEDY MEMORIAL VISTAS PARKING B	ADJACENT TO ROUTE 5010 (KENNEDY MEMORIAL DRIVE) ON LEFT				0.00	0.00	0.00	3,608

ROUTE IDENTIFICATION CHANGES TO PAVED ROUTES FROM PREVIOUS CYCLE - WHIS

ROUTES ADDED FROM PREVIOUS INVENTORY:

Route #	Route Name	Reason for Addition	Comments
0924F	BRANDY CREEK R.V. PARKING F	OTHER	NEW ROUTE ADDED DURING MANUAL COLLECTION TRIP 6/16/10
0924G	BRANDY CREEK R.V. PARKING G	OTHER	NEW ROUTE ADDED DURING MANUAL COLLECTION TRIP 6/16/10
0924H	BRANDY CREEK R.V. PARKING H	OTHER	NEW ROUTE ADDED DURING MANUAL COLLECTION TRIP 6/16/10
0946	ENTRANCE TO WHISKEYTOWN PARKING	OTHER	NEW ROUTE ADDED IN CYCLE 5

ROUTES MODIFIED FROM PREVIOUS INVENTORY:

Route #	Route Name	Type of Modification	Comments
0903	PARK HEADQUARTERS EMPLOYEE PARKING	SURFACE TYPE CHANGE	ROUTE 0903 WAS UNPAVED IN CYCLE 4, PAVED IN CYCLE 5
0909	EAST BEACH PARKING	SURFACE TYPE CHANGE	ROUTE 0909 WAS UNPAVED IN CYCLE 4, PAVED IN CYCLE 5
0910ZZ	KENNEDY MEMORIAL VISTAS PARKING AREAS	SURFACE TYPE CHANGE	THIS PARKING AREA WAS UNPAVED IN CYCLE 4, IS NOW PAVED IN CYCLE 5 0910AZ AND 0910BZ ARE SUBCOMPONENTS OF THIS ROUTE
0929	OAK BOTTOM WATER DITCH TRAIL PARKING	SURFACE TYPE CHANGE	ROUTE 0929 WAS UNPAVED IN CYCLE 4, PAVED IN CYCLE 5
0930	OAK BOTTOM CAMPGROUND STORE PARKING	SQ FEET CHANGE	MINOR ADJUSTMENT MADE TO SHAPE TO REFLECT PARKING LOT GEOMETRY ACCURATELY
0931	OAK BOTTOM BEACH PARKING	SQ FEET CHANGE	ROUTE 0931 IS SLIGHTLY LARGER IN CYCLE 5 BECAUSE A SECTION OF THE PARKING AREA WAS ADDED THAT WAS NOT INCLUDED IN CYCLE 4

ROUTE IDENTIFICATION CHANGES TO PAVED ROUTES FROM PREVIOUS CYCLE - WHIS

ROUTES MODIFIED FROM PREVIOUS INVENTORY:			
Route #	**Route Name**	**Type of Modification**	**Comments**
0941	OAK BOTTOM FIRE CACHE PARKING	RECONSTRUCTED	CYCLE 4 ROUTE 0941 AND 0942 WERE COMBINED DURING SITE VISIT. A NEW SHAPE WAS RECOLLECTED DUE TO CONSTRUCTION IN THE AREA
0943	MILL CREEK TRAILHEAD PARKING	SURFACE TYPE CHANGE	ROUTE 0943 WAS UNPAVED IN CYCLE 4, PAVED IN CYCLE 5
OTHER CHANGES FROM PREVIOUS INVENTORY:			
Route #	**Route Name**	**Type of Change**	**Comments**
0010	SOUTH SHORE DRIVE EAST	COLLECTION METHOD CHANGE	COLLECTED WITH DATA COLLECTION VEHICLE IN CY5. WAS MANUALLY RATED IN CY4
0103	OAK BOTTOM BEACH ROAD	LENGTH CHANGE	ROUTE 0103 IS SHORTER BY 0.01 MILES IN CYCLE 5 BECAUSE THE END SECTION WAS INCLUDED IN THE PARKING AREA (ROUTE 0931)
0900ZZ	VISITOR CENTER PARKING AREAS	ROUTES COMBINED	CYCLE 4 ROUTES 0900A AND 0900B WERE COMBINED TO CREATE 0900ZZ DURING CYCLE 5 MEETING. 0900AZ AND 0900BZ ARE SUBCOMPONENTS OF THIS ROUTE

Section 3
Park Summary Information

Whiskeytown-Shasta-Trinity
National Recreation Area

Federal Lands Highway
Road Inventory Program

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

F.C.	Pavement Condition Rating (PCR)								TOTAL MILES
	Poor (0-60)		Fair (61-84)		Good (85-94)		Excellent (95-100)		
	MILES	%	MILES	%	MILES	%	MILES	%	
1			0.78	7.05%	0.26	2.35%			**1.04**
2	0.04	0.36%	0.18	1.63%	1.05	9.49%	0.37	3.35%	**1.64**
3	0.52	4.70%	3.14	28.39%	1.95	17.63%	0.78	7.05%	**6.39**
4									
5	0.08	0.72%	0.32	2.89%	0.66	5.97%	0.01	0.09%	**1.07**
6	0.01	0.09%	0.06	0.54%	0.69	6.24%	0.16	1.45%	**0.92**
7									
8									
Totals	**0.65**	**5.88%**	**4.48**	**40.50%**	**4.61**	**41.68%**	**1.32**	**11.93%**	**11.06**

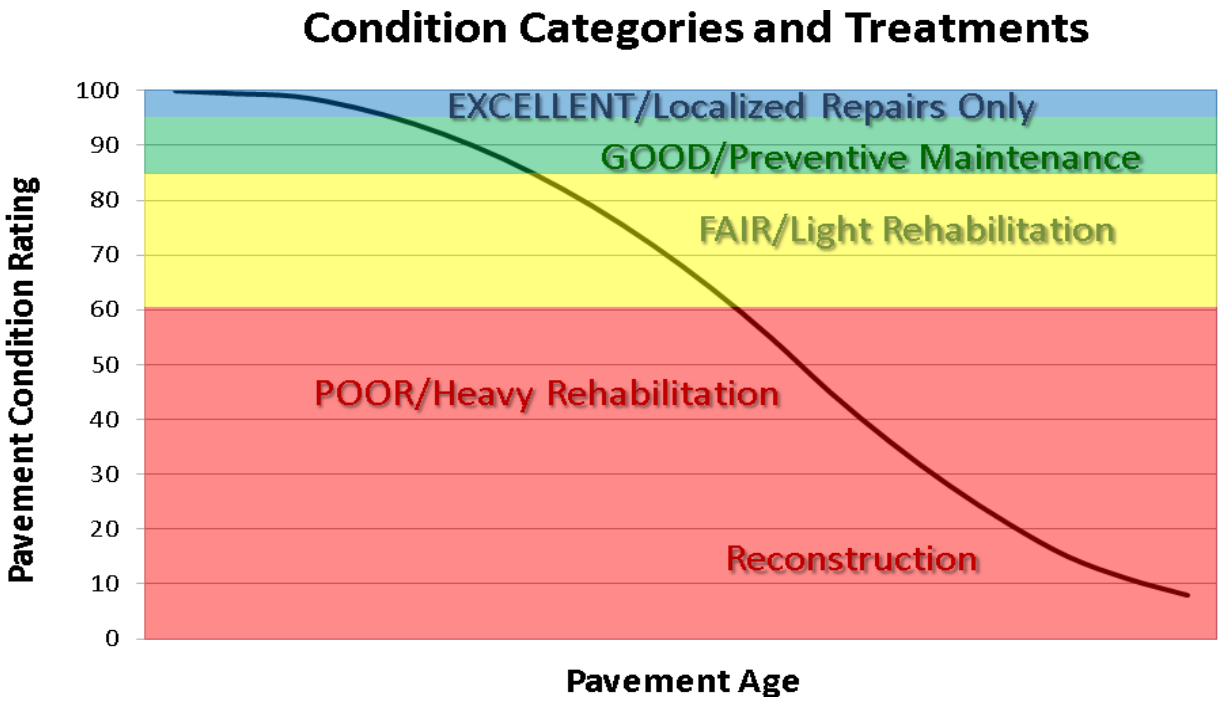
Note: **The information in this table is derived from the PMS_20 table in the Park database, which only contains processed data from routes collected with the Data Collection Vehicle (DCV). Information for Manually Rated Routes (MRR) and Parking Areas is not reported in this table. Only Functional Class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

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

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

- Excellent/New: PCR of 95-100. Pavements in this range will require only spot repairs
- Good: PCR of 85-94. Pavements in this range will likely be candidates for Preventive Maintenance. Examples include Chip and Slurry Seals, Micro Surfacing and Thin Overlays.
- Fair: PCR of 61-84. Pavements in this range will likely be candidates of Light Rehabilitation (L3R). Examples include single-lift overlays up to 2.5 inches in total thickness, milling and overlays.
- Poor: PCR of 0-60. Pavements in this range will likely be candidates of Heavy Rehabilitation or Reconstruction (H3R or 4R). Examples include Pulverization, Multiple Lift Overlays, and Reconstruction.

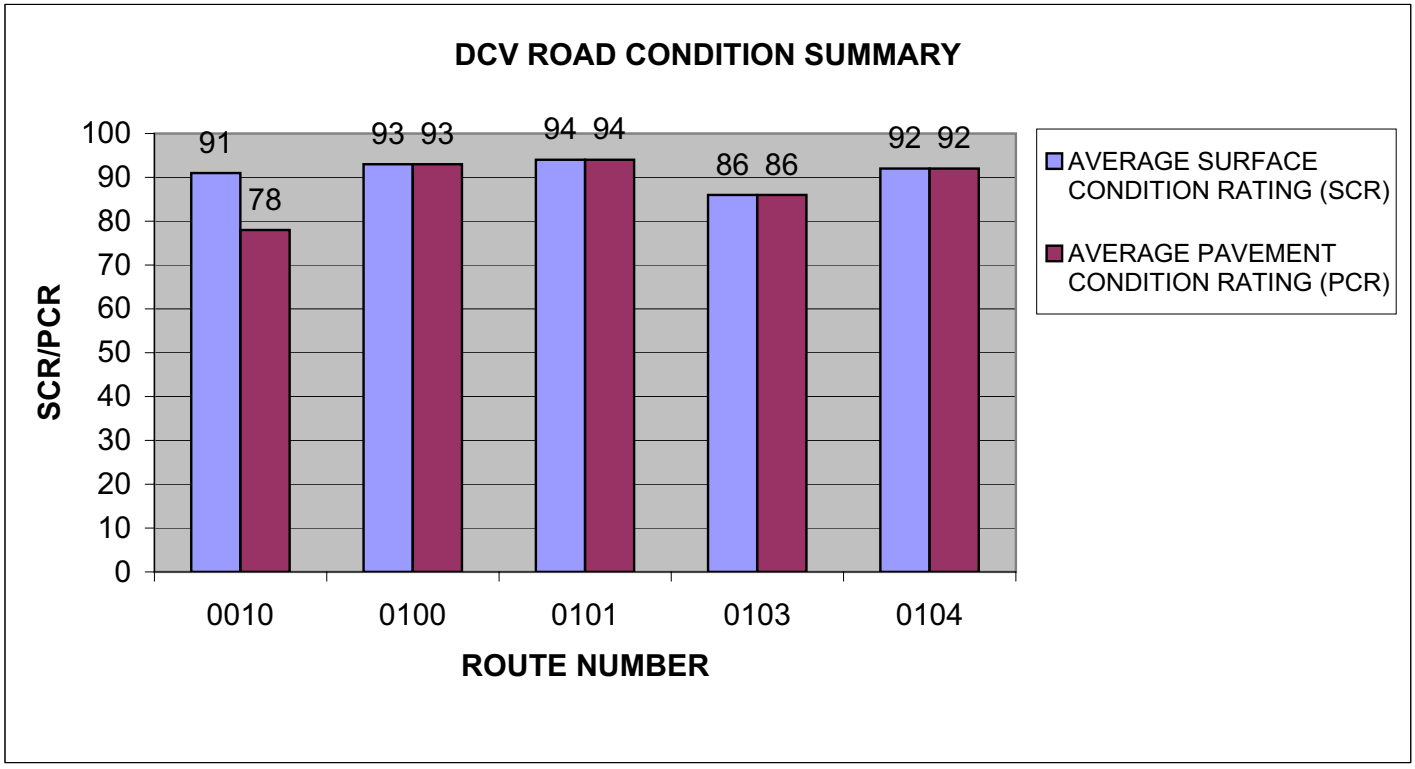
At this time, specific Maintenance and Rehabilitation activities should be evaluated and recommended at the project level. Site-specific conditions that influence treatment type should be determined based on performing a subsurface investigation and/or pavement condition survey, and not be based solely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



WHIS: DCV ROAD CONDITION SUMMARY

DCV - Data Collection Vehicle

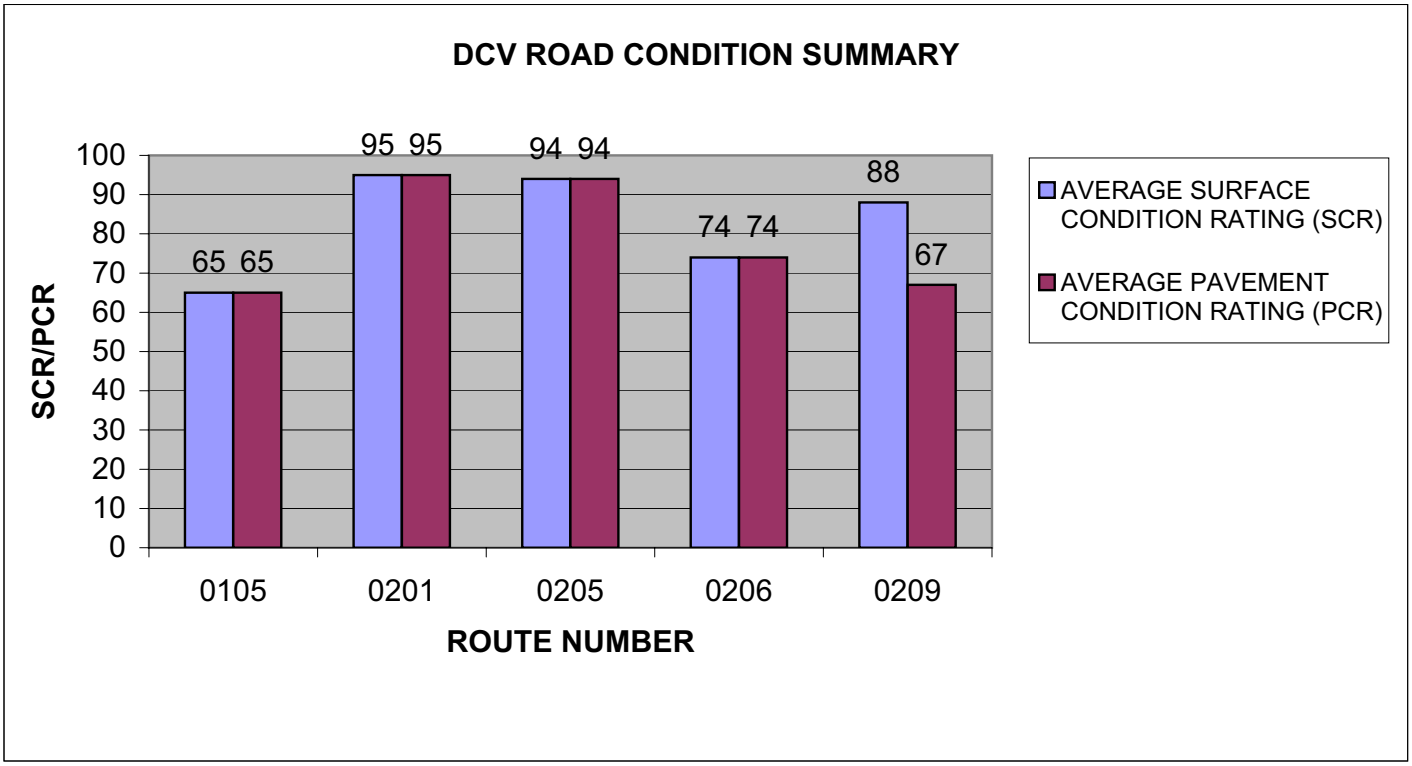
ROUTE NUMBER	ROUTE NAME	FUNCT CLASS	ROUTE LENGTH	SURFACE TYPE	AVERAGE SURFACE CONDITION RATING (SCR)	AVERAGE PAVEMENT CONDITION RATING (PCR)
0010	SOUTH SHORE DRIVE EAST	1	1.04	ASPHALT	91	78
0100	BRANDY CREEK BEACH ROAD	2	0.38	ASPHALT	93	93
0101	BRANDY CREEK MARINA ROAD	2	0.46	ASPHALT	94	94
0103	OAK BOTTOM BEACH ROAD	2	0.44	ASPHALT	86	86
0104	OAK BOTTOM MARINA ROAD	2	0.29	ASPHALT	92	92



WHIS: DCV ROAD CONDITION SUMMARY

DCV - Data Collection Vehicle

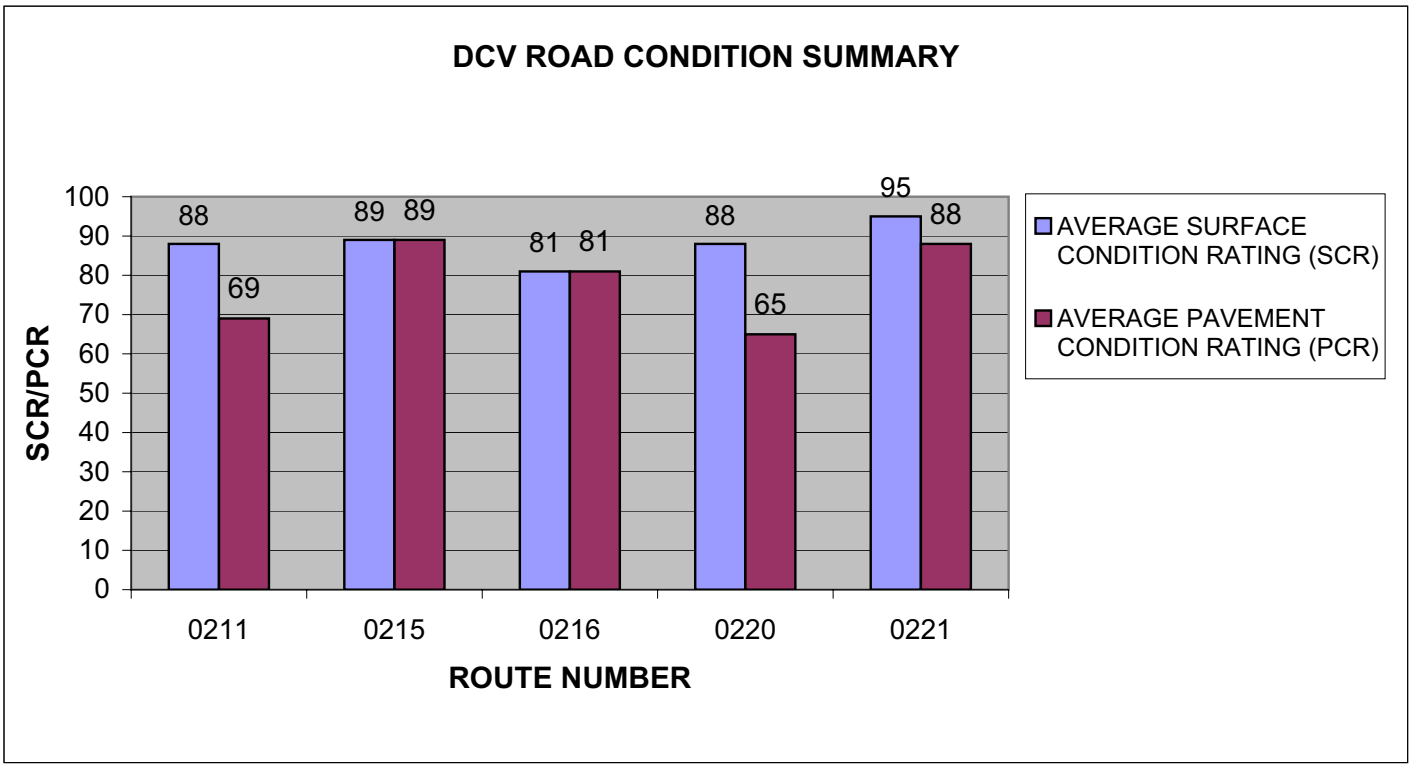
ROUTE NUMBER	ROUTE NAME	FUNCT CLASS	ROUTE LENGTH	SURFACE TYPE	AVERAGE SURFACE CONDITION RATING (SCR)	AVERAGE PAVEMENT CONDITION RATING (PCR)
0105	TOWER HOUSE FOOTBRIDGE ACCESS ROAD	2	0.07	ASPHALT	65	65
0201	N.E.E.D. CAMP ROAD	3	0.27	ASPHALT	95	95
0205	BRANDY CREEK MARINA R.V. CAMPGROUND	3	0.42	ASPHALT	94	94
0206	DRY CREEK CAMPGROUND	3	0.20	ASPHALT	74	74
0209	CARR POWERHOUSE ROAD	3	1.10	ASPHALT	88	67



WHIS: DCV ROAD CONDITION SUMMARY

DCV - Data Collection Vehicle

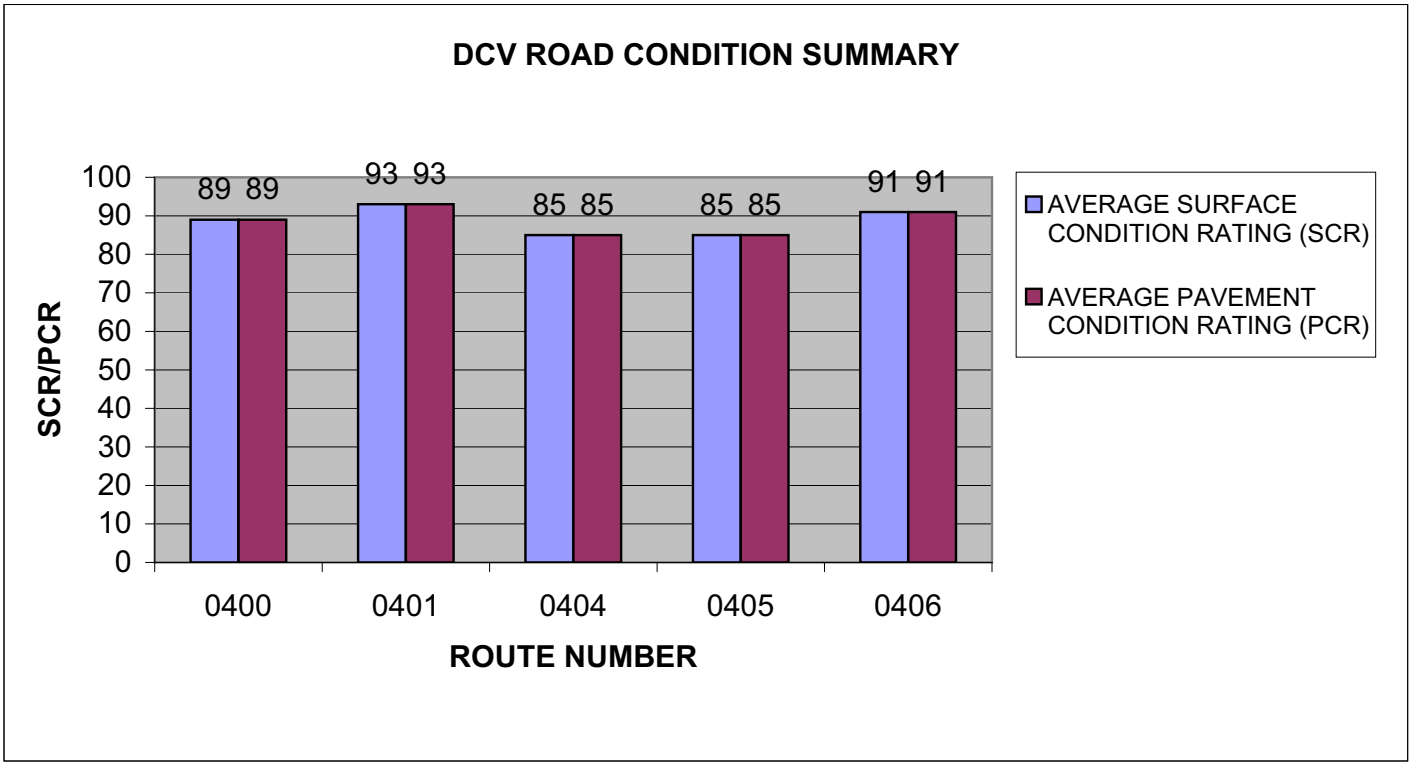
ROUTE NUMBER	ROUTE NAME	FUNCT CLASS	ROUTE LENGTH	SURFACE TYPE	AVERAGE SURFACE CONDITION RATING (SCR)	AVERAGE PAVEMENT CONDITION RATING (PCR)
0211	CARR LAKE ACCESS ROAD	3	0.51	ASPHALT	88	69
0215	OAK BOTTOM CAMPGROUND LOOP A	3	0.50	ASPHALT	89	89
0216	OAK BOTTOM CAMPGROUND LOOP B	3	0.05	ASPHALT	81	81
0220	WHISKEY CREEK GROUP PICNIC ROAD	3	1.38	ASPHALT	88	65
0221	CRYSTAL CREEK CAMP ACCESS ROAD	3	1.96	ASPHALT	95	88



WHIS: DCV ROAD CONDITION SUMMARY

DCV - Data Collection Vehicle

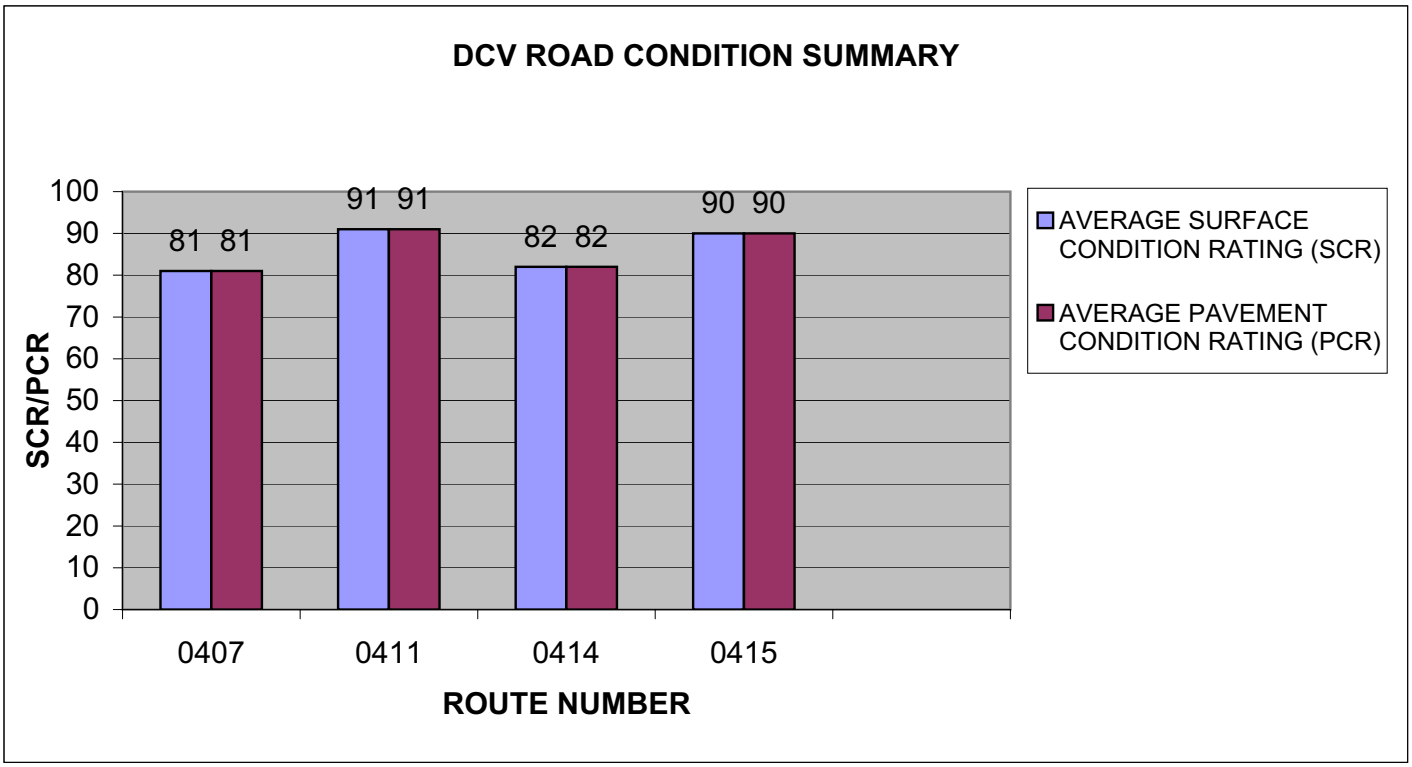
ROUTE NUMBER	ROUTE NAME	FUNCT CLASS	ROUTE LENGTH	SURFACE TYPE	AVERAGE SURFACE CONDITION RATING (SCR)	AVERAGE PAVEMENT CONDITION RATING (PCR)
0400	HEADQUARTERS ROAD	5	0.23	ASPHALT	89	89
0401	N.E.E.D. CAMP RESIDENCE ROAD	5	0.15	ASPHALT	93	93
0404	BRANDY CREEK SERVICE ROAD SOUTH	6	0.17	ASPHALT	85	85
0405	CARR POWERHOUSE SERVICE ROAD	5	0.47	ASPHALT	85	85
0406	QUARTERS 324 ROAD	6	0.28	ASPHALT	91	91



WHIS: DCV ROAD CONDITION SUMMARY

DCV - Data Collection Vehicle

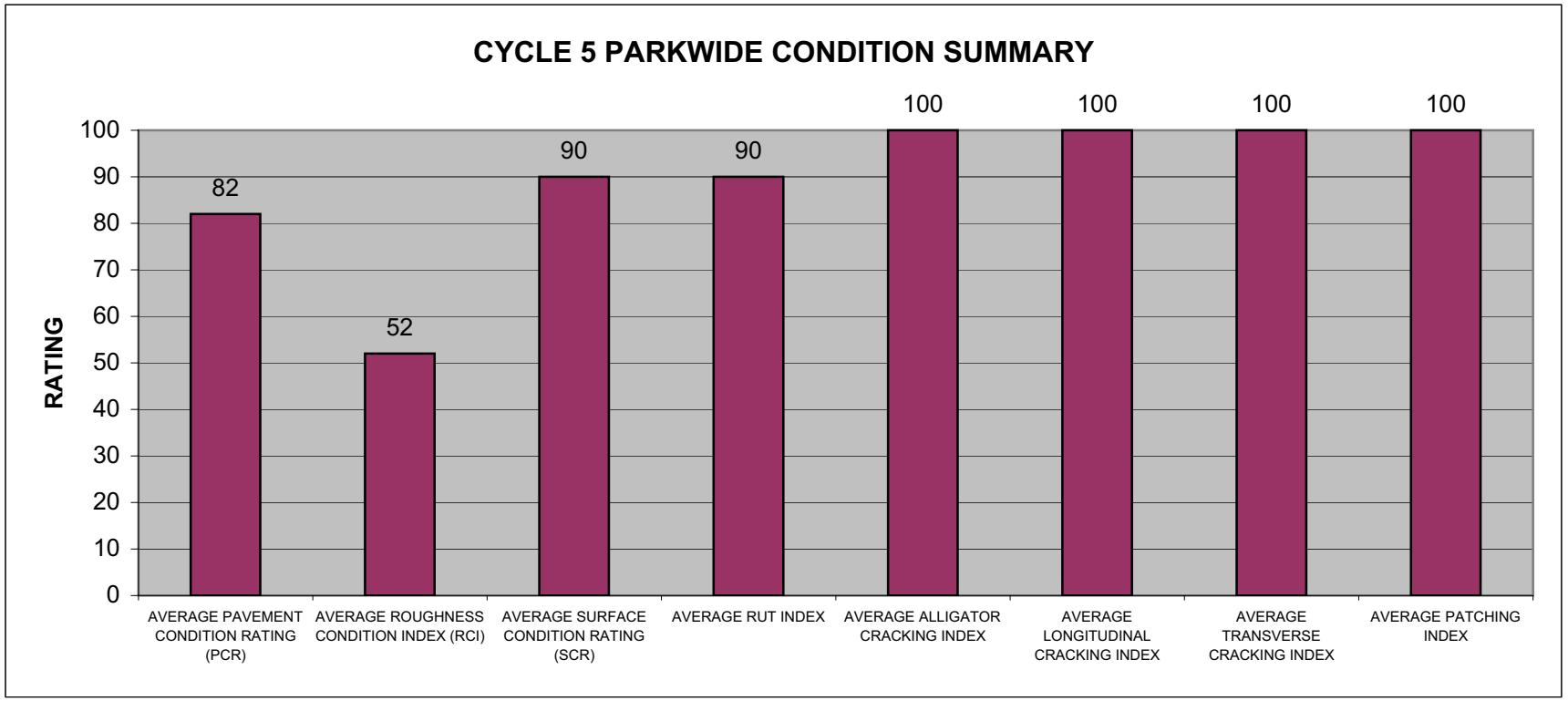
ROUTE NUMBER	ROUTE NAME	FUNCT CLASS	ROUTE LENGTH	SURFACE TYPE	AVERAGE SURFACE CONDITION RATING (SCR)	AVERAGE PAVEMENT CONDITION RATING (PCR)
0407	GRIZZLY GULCH ROAD	5	1.05	ASPHALT	81	81
0411	BULL GULCH SERVICE ROAD	6	0.57	ASPHALT	91	91
0414	GRIZZLY GULCH WATER TANK ACCESS ROAD	5	0.07	ASPHALT	82	82
0415	GOVERNMENT BOAT LAUNCH LOOP	5	0.11	ASPHALT	90	90



WHIS: PARKWIDE DCV 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	52	90	90	100	100	100	100

All Index values are based on Data Collection Vehicle (DCV) driven roads that were collected in Cycle-5.
Roughness data is only collected on routes with lengths greater than 0.5 miles and a posted speed limit of 25 MPH or greater.

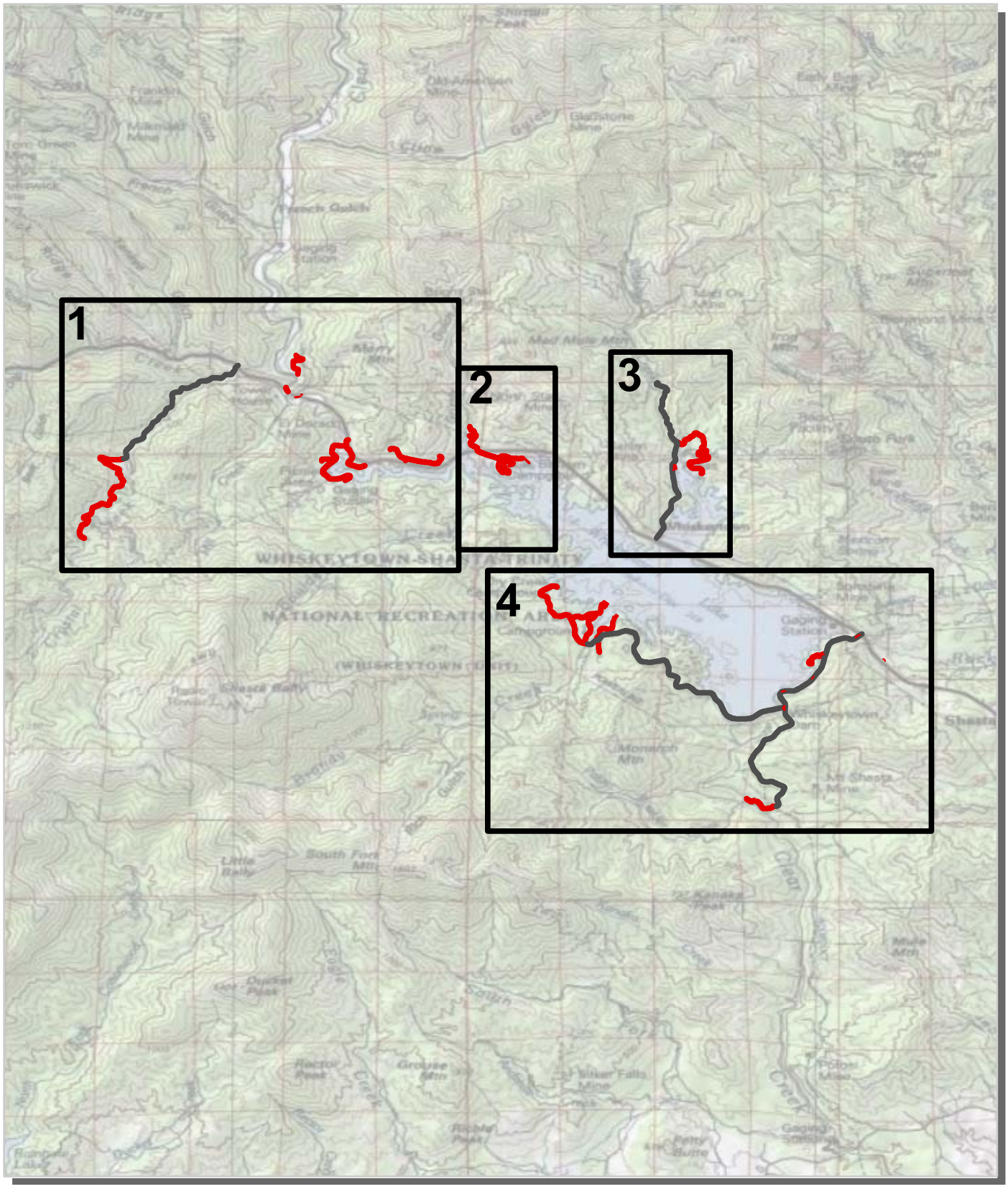


Section 4
Park Route Location Maps

Whiskeytown-Shasta-Trinity
National Recreation Area

Federal Lands Highway
Road Inventory Program

Whiskeytown-Shasta-Trinity National Recreation Area
Route Location Map
Key Map

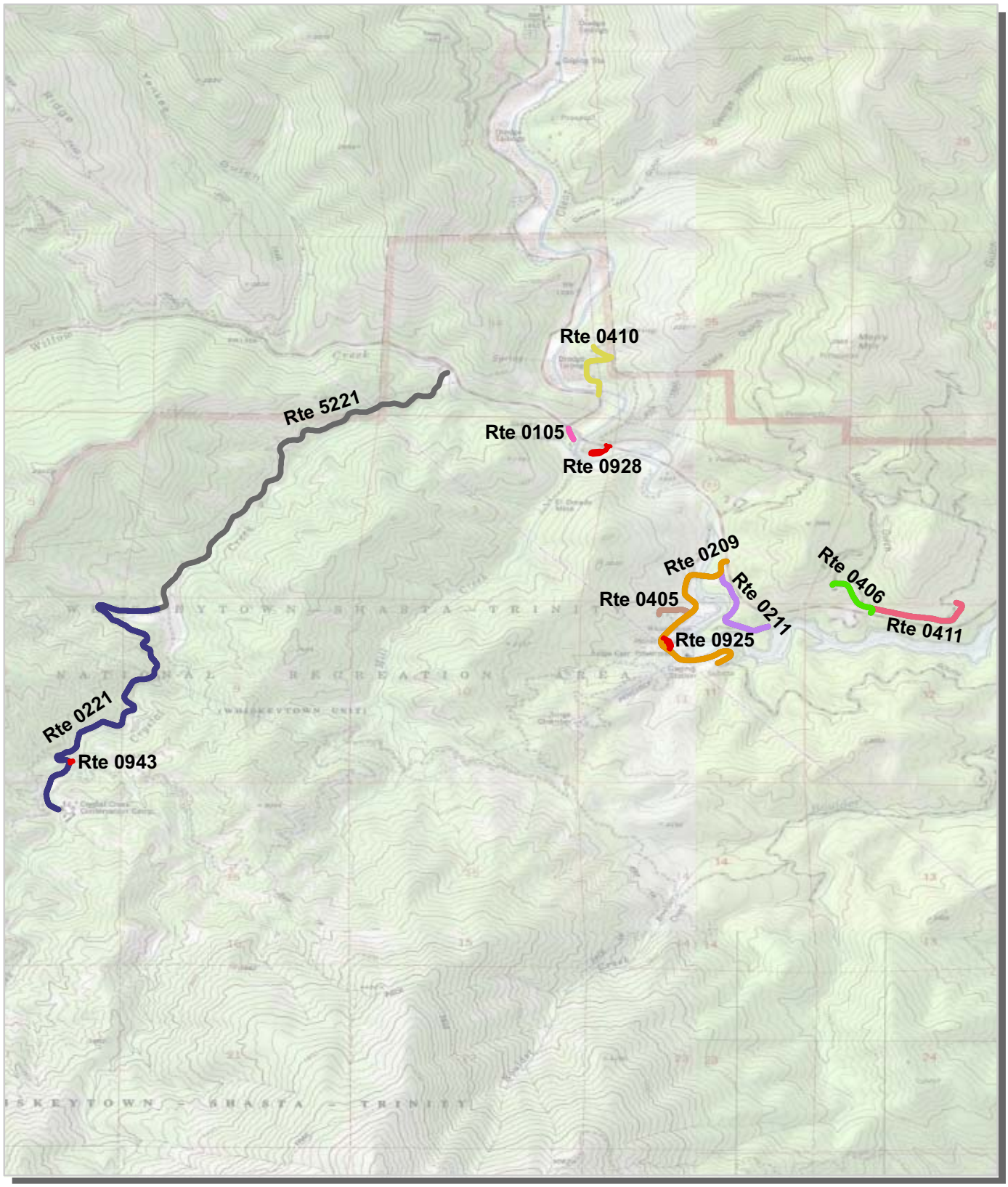


Cycle 5 Collected Routes

2.5 1.25 0 2.5
Miles

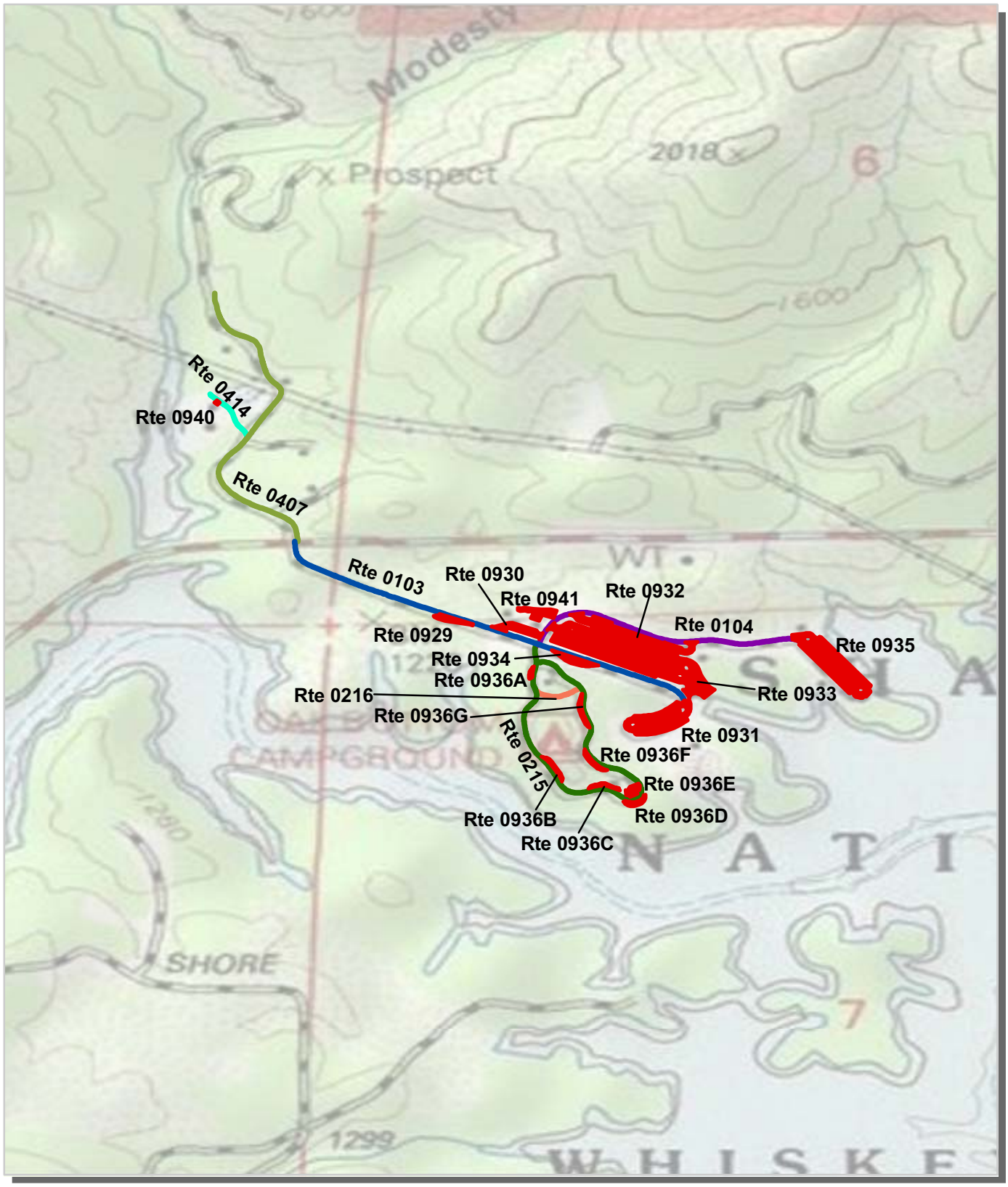
N

Whiskeytown-Shasta-Trinity National Recreation Area
Route Location Map
Area 1



Unique colors used to differentiate routes

Whiskeytown-Shasta-Trinity National Recreation Area
Route Location Map
Area 2



Unique colors used to differentiate routes

0.3 0.15 0 0.3 Miles

N

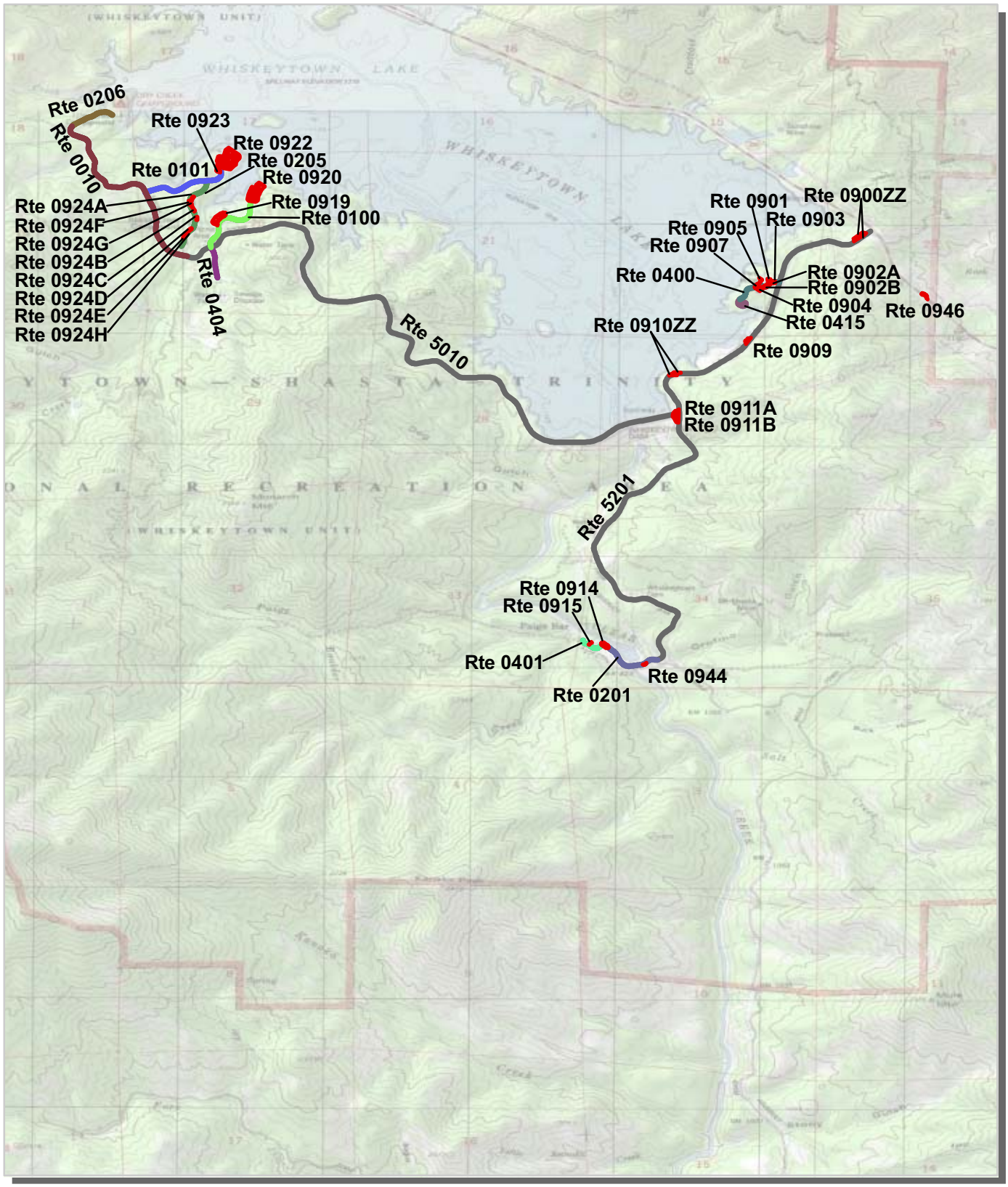
Whiskeytown-Shasta-Trinity National Recreation Area
Route Location Map
Area 3

Unique colors used to differentiate routes

0.3 0.15 0 0.3 Miles

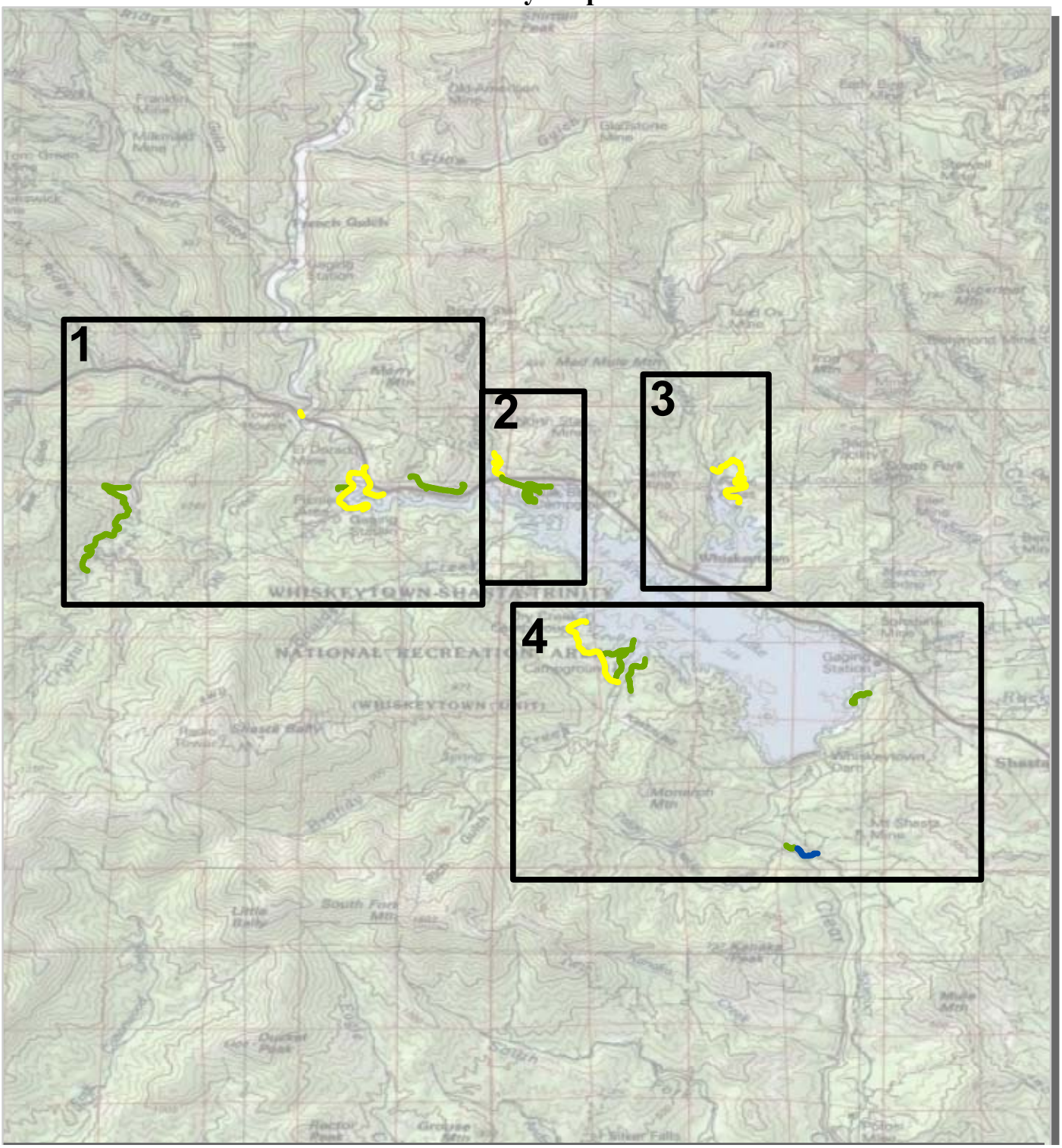
N

Whiskeytown-Shasta-Trinity National Recreation Area
Route Location Map
Area 4



Unique colors used to differentiate routes

Whiskeytown-Shasta-Trinity National Recreation Area
Route Condition Map
PCR - Mile by Mile
Key Map



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

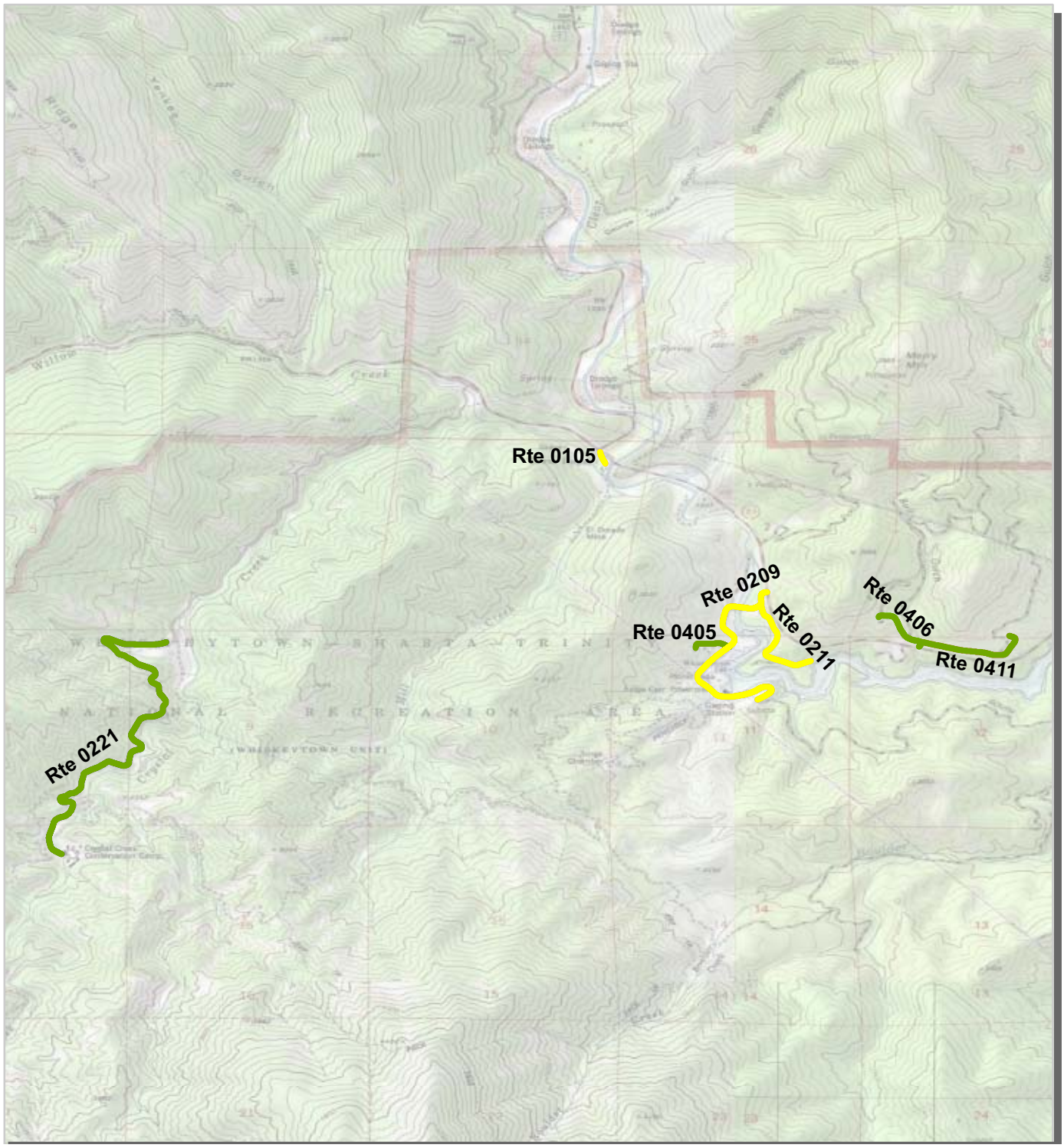
* If the PCR rating is not available for a section, the SCR rating will be displayed. See appendix for definitions and formulas.

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

2.5 1.25 0 2.5 Miles

N

Whiskeytown-Shasta-Trinity National Recreation Area
Route Condition Map
PCR - Mile by Mile
Area 1



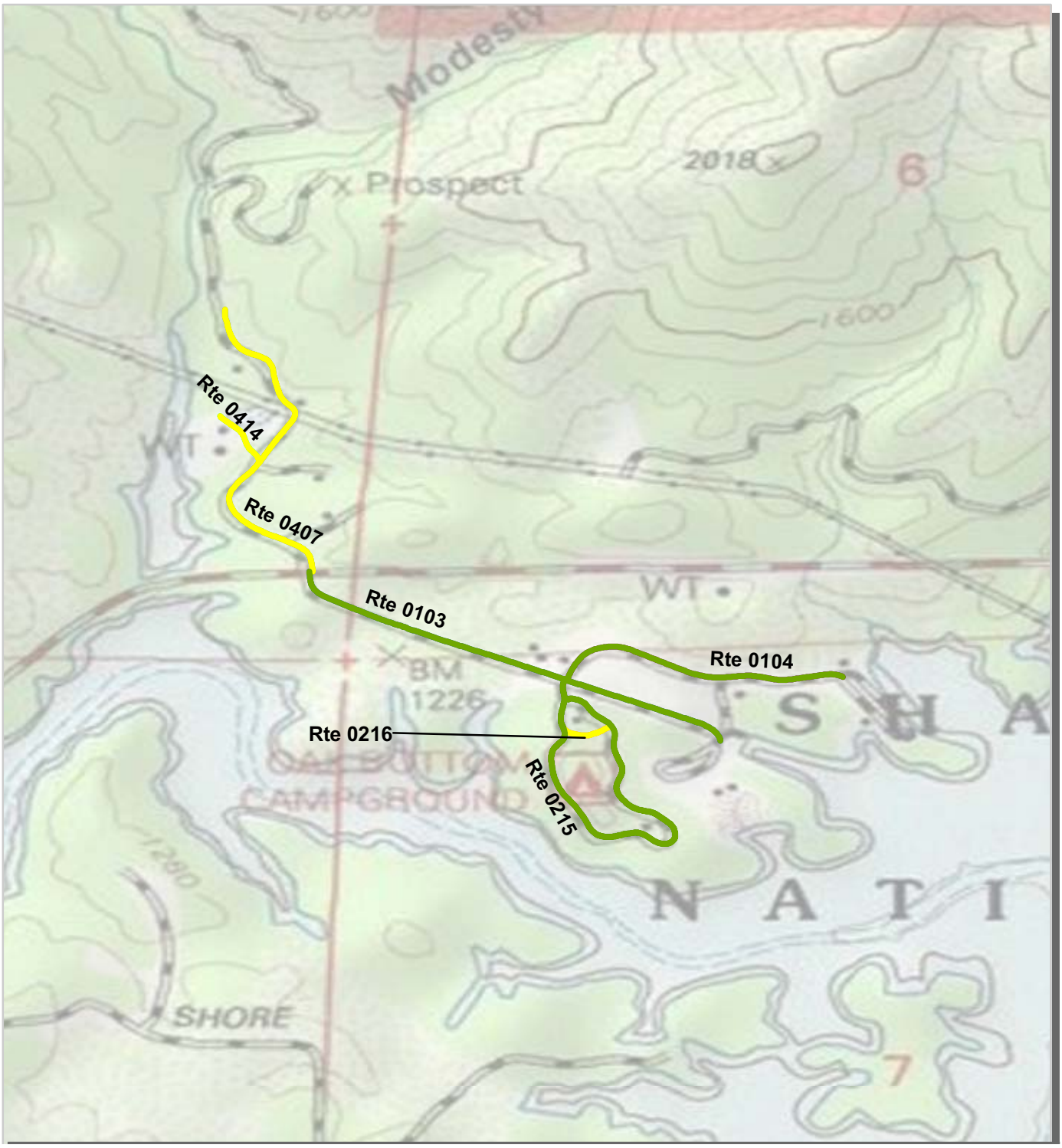
PCR	Poor	Fair	Good	Excellent	No Data
	(0 - 60)	(61 - 84)	(85 - 94)	(95 - 100)	

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

1 0.5 0 1 Miles

N

Whiskeytown-Shasta-Trinity National Recreation Area
Route Condition Map
PCR - Mile by Mile
Area 2



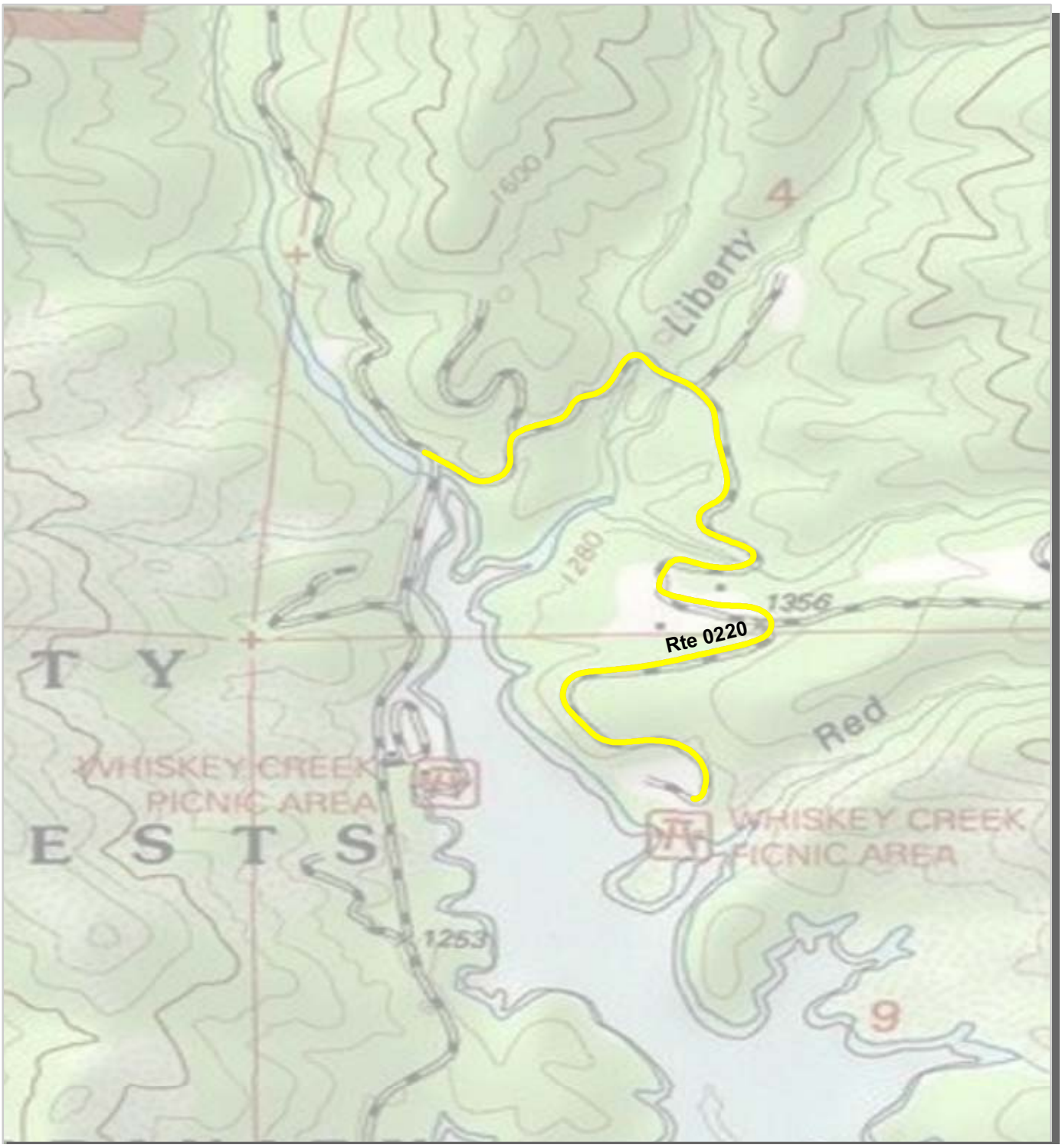
PCR	Poor	Fair	Good	Excellent	No Data
	(0 - 60)	(61 - 84)	(85 - 94)	(95 - 100)	

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

0.3 0.15 0 0.3 Miles

N

Whiskeytown-Shasta-Trinity National Recreation Area
Route Condition Map
PCR - Mile by Mile
Area 3



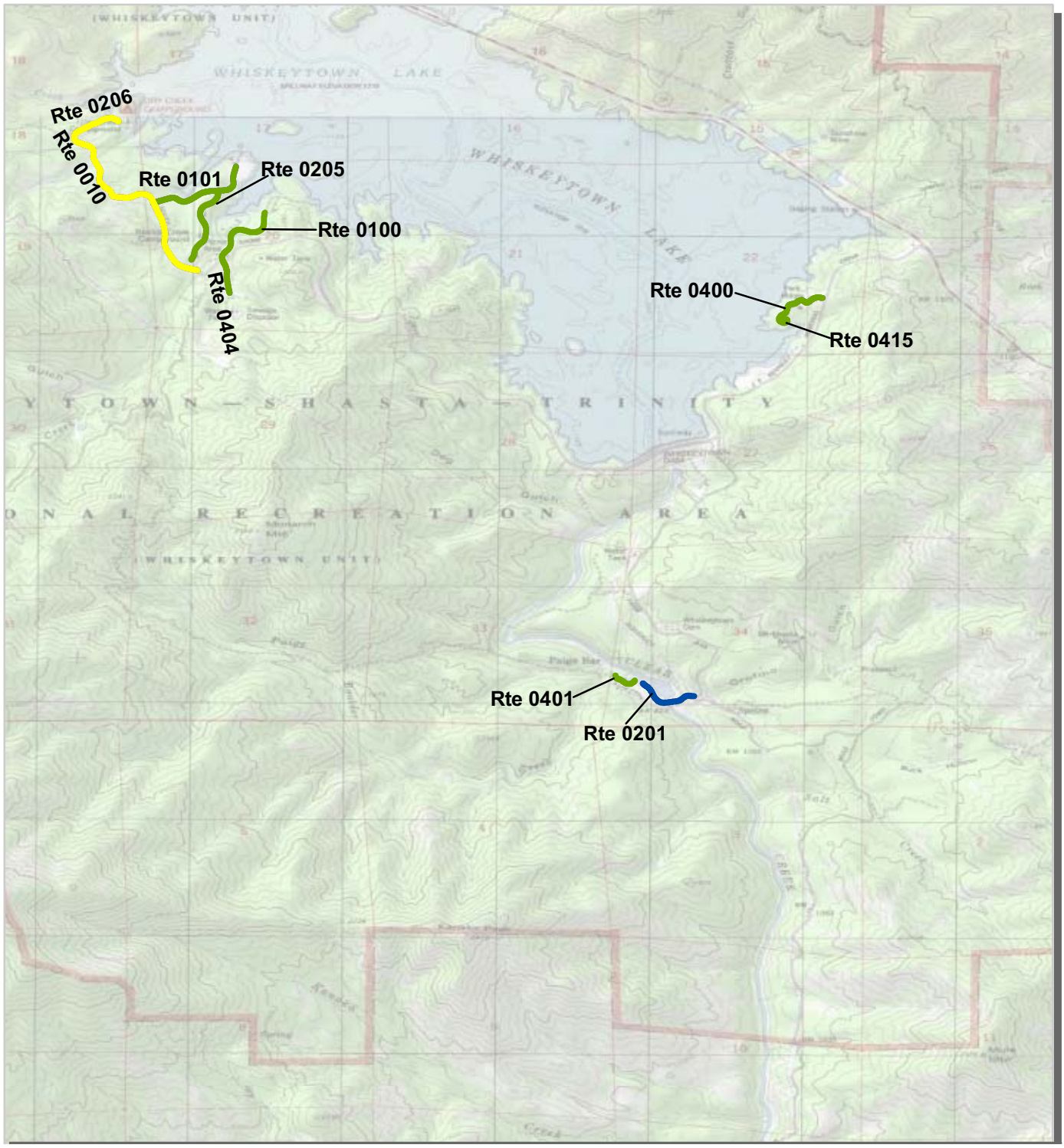
PCR	Poor	Fair	Good	Excellent	No Data
	(0 - 60)	(61 - 84)	(85 - 94)	(95 - 100)	

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

0.3 0.15 0 0.3 Miles

N

Whiskeytown-Shasta-Trinity National Recreation Area
Route Condition Map
PCR - Mile by Mile
Area 4



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

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

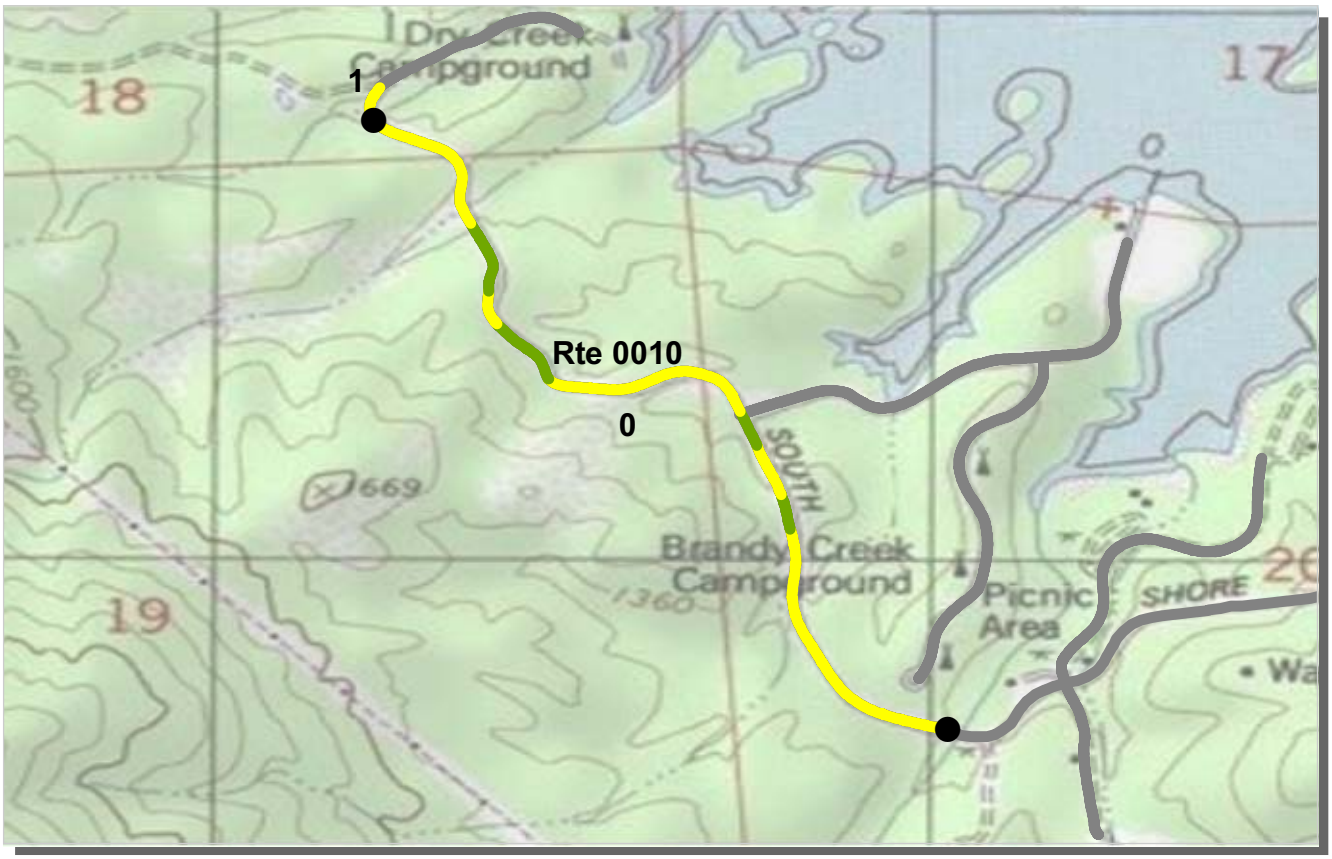
1 0.5 0 1 Miles

N

Section 5
Paved Route
Condition Rating Sheets

Whiskeytown-Shasta-Trinity
National Recreation Area

Federal Lands Highway
Road Inventory Program



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

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

ROUTE: 0010 SOUTH SHORE DRIVE EAST
WHIS : WHISKEYTOWN-SHASTA-TRINITY NATIONAL RECREATION AREA
COLLECTED: 8/16/2010
PACIFIC WEST REGION **TOTAL LENGTH: 1.04 Miles**

Section Number	0	1			
Section Length (mi)	1.00	0.04			
Cross Section Information					
Number of Lanes	2	2			
Paved Width (ft)	25	20			
Lane Width (ft)	12	9			
Roadway Condition Information					
SCR (Surface Condition Rating)	91	92			
PCR (Pavement Condition Rating)	78	72			
Distress Index Values					
Structural Crack Index	100	100			
Transverse Cracking Index	100	100			
Patching Index	100	100			
Rutting Index	91	92			
Roughness Condition Index (RCI)	58	41			

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

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

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

ROUTE: 0100 BRANDY CREEK BEACH ROAD
WHIS : WHISKEYTOWN-SHASTA-TRINITY NATIONAL RECREATION AREA
COLLECTED: 8/16/2010
PACIFIC WEST REGION **TOTAL LENGTH: 0.38 Miles**

Section Number	0				
Section Length (mi)	0.38				
Cross Section Information					
Number of Lanes	2				
Paved Width (ft)	23				
Lane Width (ft)	11				
Roadway Condition Information					
SCR (Surface Condition Rating)	93				
PCR (Pavement Condition Rating)	93				
Distress Index Values					
Structural Crack Index	100				
Transverse Cracking Index	100				
Patching Index	100				
Rutting Index	93				
Roughness Condition Index (RCI)	NC				

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

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

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

ROUTE: 0101 BRANDY CREEK MARINA ROAD
WHIS : WHISKEYTOWN-SHASTA-TRINITY NATIONAL RECREATION AREA
COLLECTED: 8/16/2010
PACIFIC WEST REGION **TOTAL LENGTH: 0.46 Miles**

Section Number	0				
Section Length (mi)	0.46				
Cross Section Information					
Number of Lanes	2				
Paved Width (ft)	31				
Lane Width (ft)	12				
Roadway Condition Information					
SCR (Surface Condition Rating)	94				
PCR (Pavement Condition Rating)	94				
Distress Index Values					
Structural Crack Index	100				
Transverse Cracking Index	100				
Patching Index	100				
Rutting Index	94				
Roughness Condition Index (RCI)	NC				

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

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

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

ROUTE: 0103 OAK BOTTOM BEACH ROAD
WHIS : WHISKEYTOWN-SHASTA-TRINITY NATIONAL RECREATION AREA
COLLECTED: 8/16/2010
PACIFIC WEST REGION **TOTAL LENGTH: 0.44 Miles**

Section Number	0				
Section Length (mi)	0.44				
Cross Section Information					
Number of Lanes	2				
Paved Width (ft)	26				
Lane Width (ft)	11				
Roadway Condition Information					
SCR (Surface Condition Rating)	86				
PCR (Pavement Condition Rating)	86				
Distress Index Values					
Structural Crack Index	100				
Transverse Cracking Index	100				
Patching Index	100				
Rutting Index	86				
Roughness Condition Index (RCI)	NC				

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

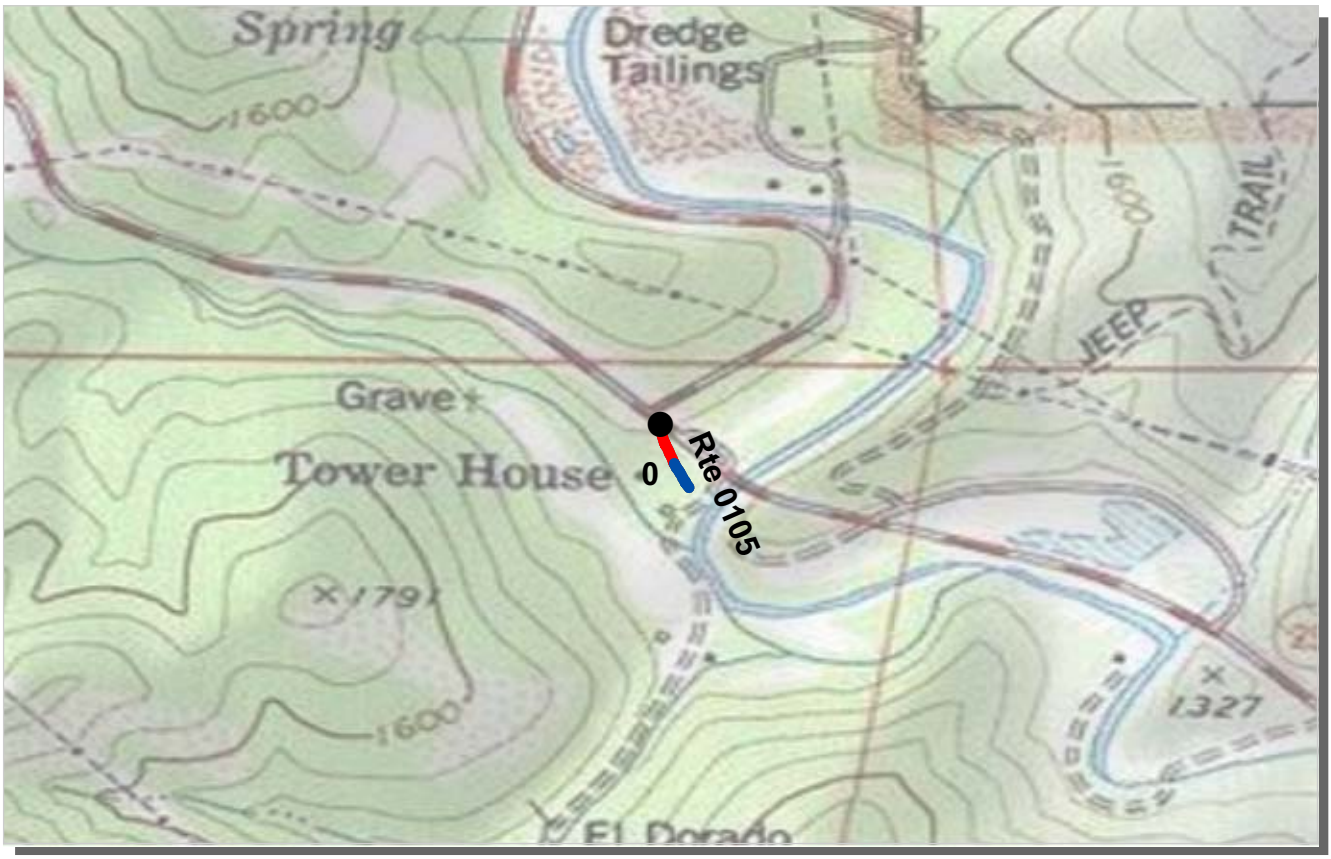
PCR Poor (0 - 60) Fair (61 - 84) Good (85 - 94) Excellent (95 - 100) No Data

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

ROUTE: 0104 OAK BOTTOM MARINA ROAD
WHIS : WHISKEYTOWN-SHASTA-TRINITY NATIONAL RECREATION AREA
COLLECTED: 8/16/2010
PACIFIC WEST REGION **TOTAL LENGTH: 0.29 Miles**

Section Number	0				
Section Length (mi)	0.29				
Cross Section Information					
Number of Lanes	2				
Paved Width (ft)	23				
Lane Width (ft)	11				
Roadway Condition Information					
SCR (Surface Condition Rating)	92				
PCR (Pavement Condition Rating)	92				
Distress Index Values					
Structural Crack Index	100				
Transverse Cracking Index	100				
Patching Index	100				
Rutting Index	92				
Roughness Condition Index (RCI)	NC				

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



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

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

ROUTE: 0105 TOWER HOUSE FOOTBRIDGE ACCESS ROAD
WHIS : WHISKEYTOWN-SHASTA-TRINITY NATIONAL RECREATION AREA
COLLECTED: 8/16/2010
PACIFIC WEST REGION **TOTAL LENGTH: 0.07 Miles**

Section Number	0				
Section Length (mi)	0.07				
Cross Section Information					
Number of Lanes	1				
Paved Width (ft)	13				
Lane Width (ft)	13				
Roadway Condition Information					
SCR (Surface Condition Rating)	65				
PCR (Pavement Condition Rating)	65				
Distress Index Values					
Structural Crack Index	65				
Transverse Cracking Index	100				
Patching Index	100				
Rutting Index	95				
Roughness Condition Index (RCI)	NC				

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

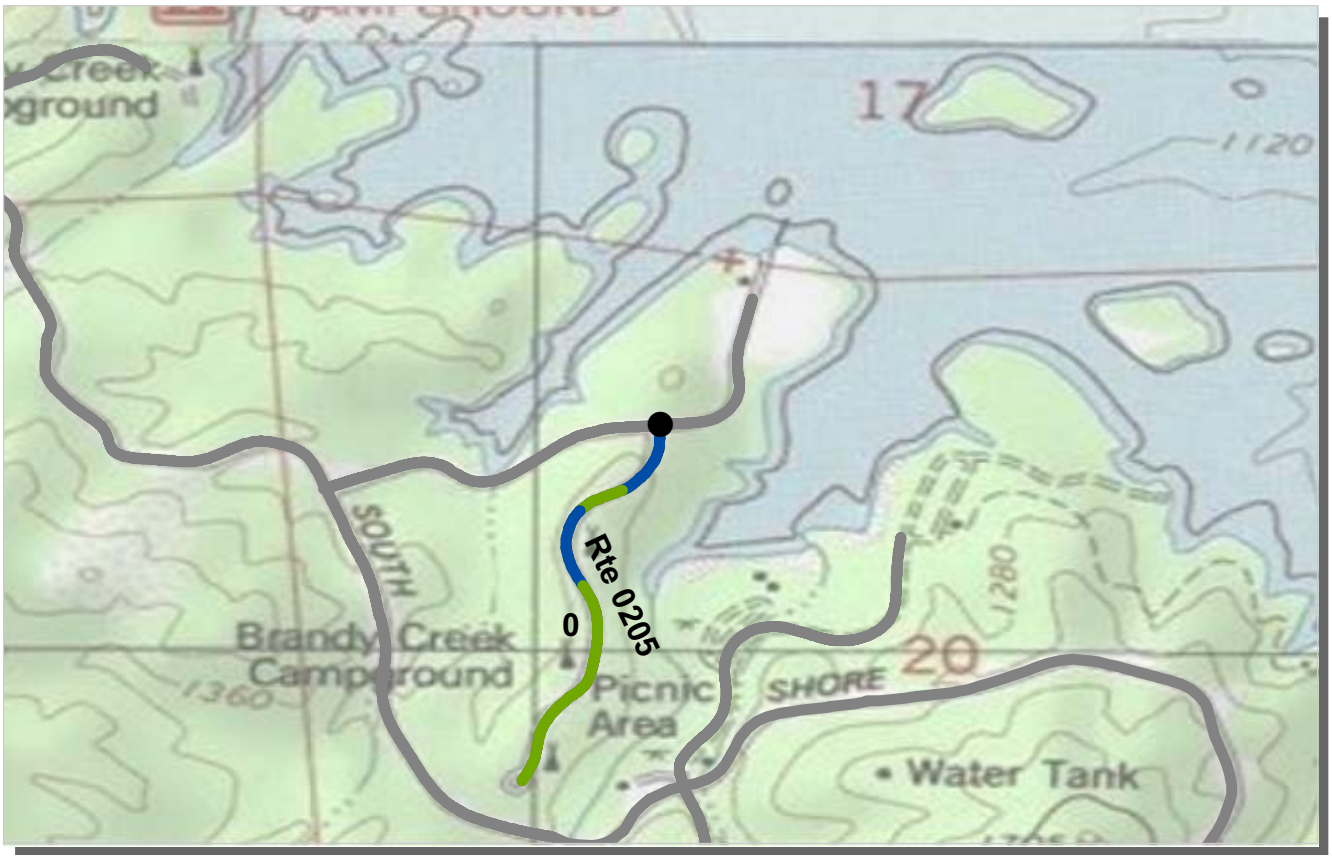
PCR Poor (0 - 60) Fair (61 - 84) Good (85 - 94) Excellent (95 - 100) No Data

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

ROUTE: 0201 N.E.E.D. CAMP ROAD
WHIS : WHISKEYTOWN-SHASTA-TRINITY NATIONAL RECREATION AREA
COLLECTED: 8/16/2010
PACIFIC WEST REGION **TOTAL LENGTH: 0.27 Miles**

Section Number	0				
Section Length (mi)	0.27				
Cross Section Information					
Number of Lanes	2				
Paved Width (ft)	20				
Lane Width (ft)	11				
Roadway Condition Information					
SCR (Surface Condition Rating)	95				
PCR (Pavement Condition Rating)	95				
Distress Index Values					
Structural Crack Index	100				
Transverse Cracking Index	99				
Patching Index	100				
Rutting Index	95				
Roughness Condition Index (RCI)	NC				

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



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

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

ROUTE: 0205 BRANDY CREEK MARINA R.V. CAMPGROUND
WHIS : WHISKEYTOWN-SHASTA-TRINITY NATIONAL RECREATION AREA

COLLECTED: 8/16/2010

PACIFIC WEST REGION **TOTAL LENGTH: 0.42 Miles**

Section Number	0				
Section Length (mi)	0.42				
Cross Section Information					
Number of Lanes	2				
Paved Width (ft)	24				
Lane Width (ft)	11				
Roadway Condition Information					
SCR (Surface Condition Rating)	94				
PCR (Pavement Condition Rating)	94				
Distress Index Values					
Structural Crack Index	100				
Transverse Cracking Index	100				
Patching Index	100				
Rutting Index	94				
Roughness Condition Index (RCI)	NC				

NOTES:

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

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

NC - Not Collected N/A - Non Applicable

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

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

ROUTE: 0206 DRY CREEK CAMPGROUND
WHIS : WHISKEYTOWN-SHASTA-TRINITY NATIONAL RECREATION AREA
COLLECTED: 8/16/2010
PACIFIC WEST REGION **TOTAL LENGTH: 0.20 Miles**

Section Number	0				
Section Length (mi)	0.20				
Cross Section Information					
Number of Lanes	2				
Paved Width (ft)	16				
Lane Width (ft)	8				
Roadway Condition Information					
SCR (Surface Condition Rating)	74				
PCR (Pavement Condition Rating)	74				
Distress Index Values					
Structural Crack Index	88				
Transverse Cracking Index	100				
Patching Index	99				
Rutting Index	74				
Roughness Condition Index (RCI)	NC				

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

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

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

ROUTE: 0209 CARR POWERHOUSE ROAD
WHIS : WHISKEYTOWN-SHASTA-TRINITY NATIONAL RECREATION AREA
COLLECTED: 8/16/2010
PACIFIC WEST REGION **TOTAL LENGTH: 1.10 Miles**

Section Number	0	1			
Section Length (mi)	1.00	0.10			
Cross Section Information					
Number of Lanes	2	1			
Paved Width (ft)	22	14			
Lane Width (ft)	11	14			
Roadway Condition Information					
SCR (Surface Condition Rating)	88	90			
PCR (Pavement Condition Rating)	67	71			
Distress Index Values					
Structural Crack Index	100	100			
Transverse Cracking Index	100	100			
Patching Index	100	100			
Rutting Index	88	90			
Roughness Condition Index (RCI)	36	42			

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

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

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

ROUTE: 0211 CARR LAKE ACCESS ROAD
WHIS : WHISKEYTOWN-SHASTA-TRINITY NATIONAL RECREATION AREA

COLLECTED: 8/16/2010

PACIFIC WEST REGION **TOTAL LENGTH: 0.51 Miles**

Section Number	0				
Section Length (mi)	0.51				
Cross Section Information					
Number of Lanes	2				
Paved Width (ft)	22				
Lane Width (ft)	12				
Roadway Condition Information					
SCR (Surface Condition Rating)	88				
PCR (Pavement Condition Rating)	69				
Distress Index Values					
Structural Crack Index	100				
Transverse Cracking Index	100				
Patching Index	100				
Rutting Index	88				
Roughness Condition Index (RCI)	40				

NOTES:

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

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

NC - Not Collected N/A - Non Applicable

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

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

ROUTE: 0215 OAK BOTTOM CAMPGROUND LOOP A
WHIS : WHISKEYTOWN-SHASTA-TRINITY NATIONAL RECREATION AREA
COLLECTED: 8/16/2010
PACIFIC WEST REGION **TOTAL LENGTH: 0.50 Miles**

Section Number	0				
Section Length (mi)	0.50				
Cross Section Information					
Number of Lanes	1				
Paved Width (ft)	15				
Lane Width (ft)	15				
Roadway Condition Information					
SCR (Surface Condition Rating)	89				
PCR (Pavement Condition Rating)	89				
Distress Index Values					
Structural Crack Index	100				
Transverse Cracking Index	99				
Patching Index	100				
Rutting Index	89				
Roughness Condition Index (RCI)	NC				

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

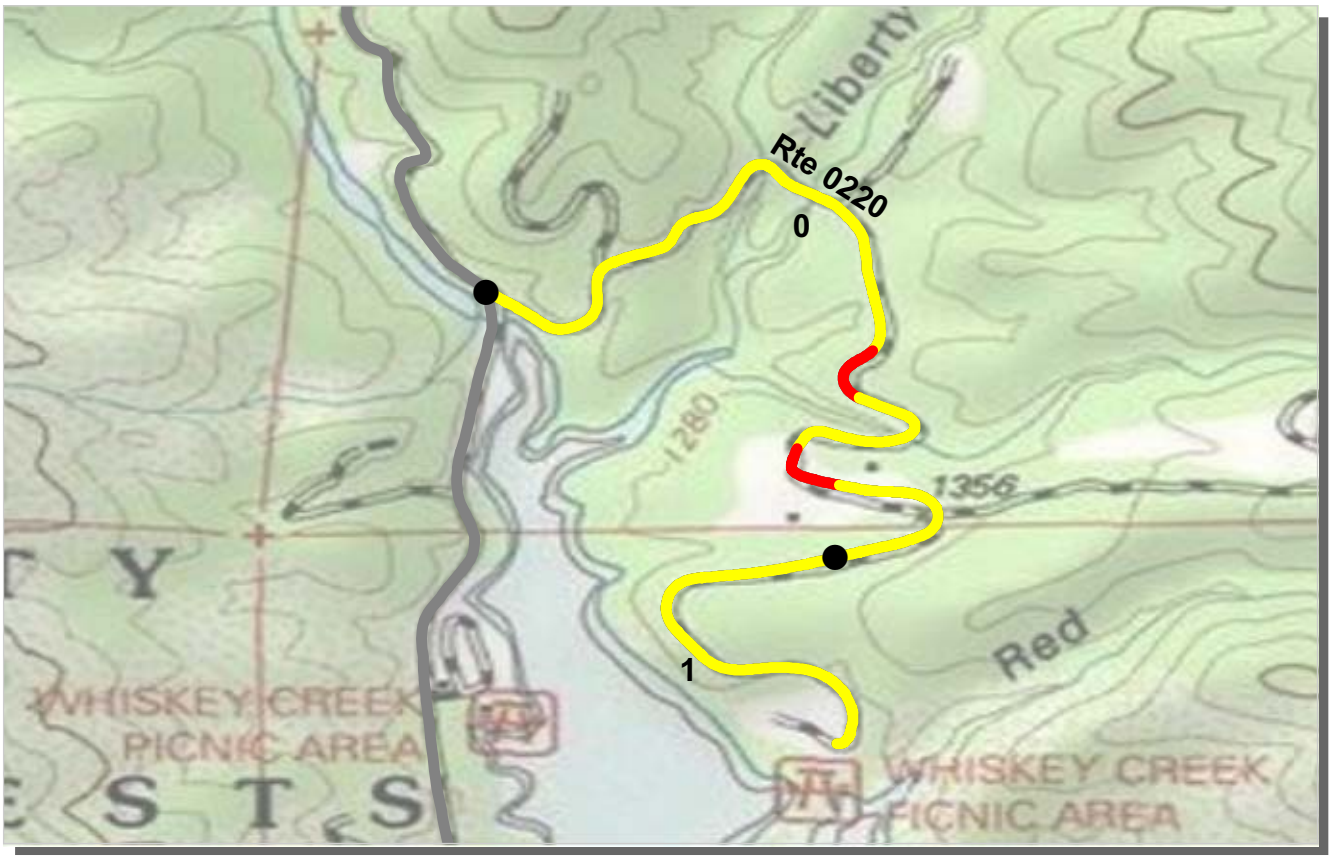
PCR Poor (0 - 60) Fair (61 - 84) Good (85 - 94) Excellent (95 - 100) No Data

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

ROUTE: 0216 OAK BOTTOM CAMPGROUND LOOP B
WHIS : WHISKEYTOWN-SHASTA-TRINITY NATIONAL RECREATION AREA
COLLECTED: 8/16/2010
PACIFIC WEST REGION **TOTAL LENGTH: 0.05 Miles**

Section Number	0				
Section Length (mi)	0.05				
Cross Section Information					
Number of Lanes	1				
Paved Width (ft)	10				
Lane Width (ft)	10				
Roadway Condition Information					
SCR (Surface Condition Rating)	81				
PCR (Pavement Condition Rating)	81				
Distress Index Values					
Structural Crack Index	100				
Transverse Cracking Index	100				
Patching Index	100				
Rutting Index	81				
Roughness Condition Index (RCI)	NC				

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



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

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

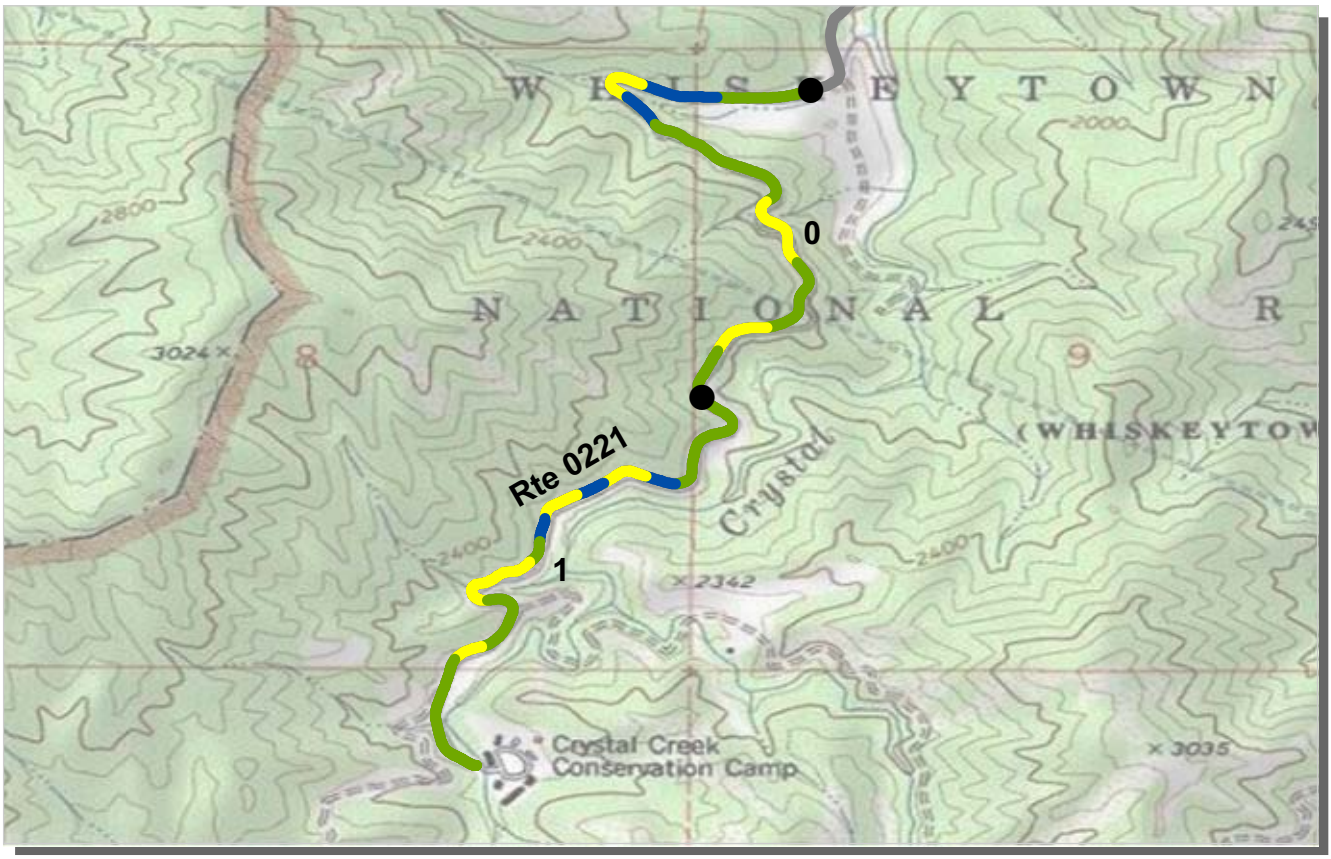
ROUTE: 0220 WHISKEY CREEK GROUP PICNIC ROAD
WHIS : WHISKEYTOWN-SHASTA-TRINITY NATIONAL RECREATION AREA

COLLECTED: 8/16/2010

PACIFIC WEST REGION **TOTAL LENGTH: 1.38 Miles**

Section Number	0	1			
Section Length (mi)	1.00	0.38			
Cross Section Information					
Number of Lanes	2	2			
Paved Width (ft)	19	19			
Lane Width (ft)	9	10			
Roadway Condition Information					
SCR (Surface Condition Rating)	88	87			
PCR (Pavement Condition Rating)	64	66			
Distress Index Values					
Structural Crack Index	100	100			
Transverse Cracking Index	99	100			
Patching Index	100	100			
Rutting Index	88	87			
Roughness Condition Index (RCI)	29	34			

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



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

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

ROUTE: 0221 CRYSTAL CREEK CAMP ACCESS ROAD
WHIS : WHISKEYTOWN-SHASTA-TRINITY NATIONAL RECREATION AREA

COLLECTED: 8/16/2010

PACIFIC WEST REGION **TOTAL LENGTH: 1.96 Miles**

Section Number	0	1			
Section Length (mi)	1.00	0.96			
Cross Section Information					
Number of Lanes	2	2			
Paved Width (ft)	21	20			
Lane Width (ft)	10	10			
Roadway Condition Information					
SCR (Surface Condition Rating)	96	94			
PCR (Pavement Condition Rating)	88	88			
Distress Index Values					
Structural Crack Index	100	100			
Transverse Cracking Index	100	100			
Patching Index	100	100			
Rutting Index	96	94			
Roughness Condition Index (RCI)	76	78			

NOTES:

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

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

NC - Not Collected N/A - Non Applicable

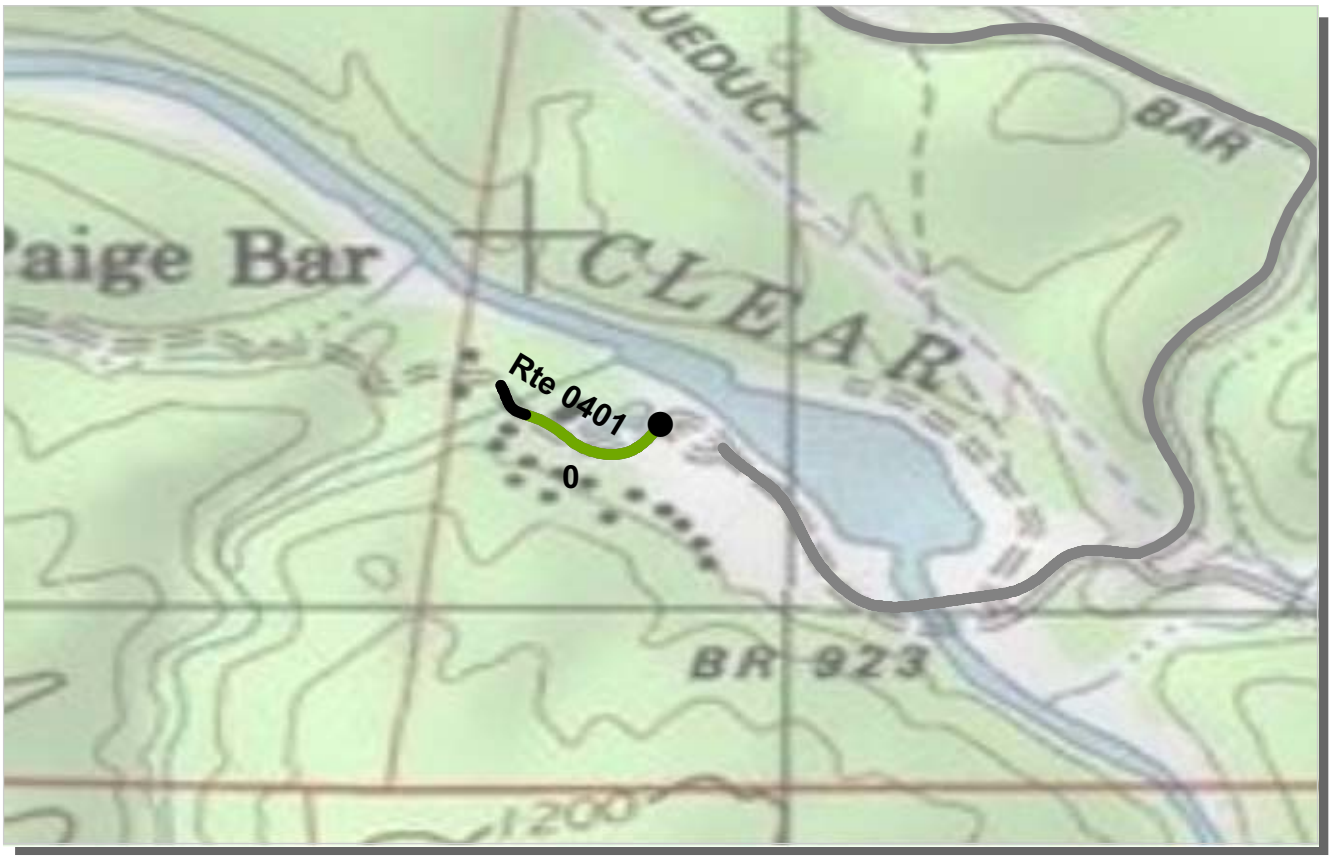
PCR Poor (0 - 60) Fair (61 - 84) Good (85 - 94) Excellent (95 - 100) No Data

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

ROUTE: 0400 HEADQUARTERS ROAD
WHIS : WHISKEYTOWN-SHASTA-TRINITY NATIONAL RECREATION AREA
COLLECTED: 8/16/2010
PACIFIC WEST REGION **TOTAL LENGTH: 0.23 Miles**

Section Number	0				
Section Length (mi)	0.23				
Cross Section Information					
Number of Lanes	2				
Paved Width (ft)	26				
Lane Width (ft)	11				
Roadway Condition Information					
SCR (Surface Condition Rating)	89				
PCR (Pavement Condition Rating)	89				
Distress Index Values					
Structural Crack Index	94				
Transverse Cracking Index	98				
Patching Index	100				
Rutting Index	89				
Roughness Condition Index (RCI)	NC				

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



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

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

ROUTE: 0401 N.E.E.D. CAMP RESIDENCE ROAD
WHIS : WHISKEYTOWN-SHASTA-TRINITY NATIONAL RECREATION AREA
COLLECTED: 8/16/2010
PACIFIC WEST REGION **TOTAL LENGTH: 0.10 Miles**

Section Number	0				
Section Length (mi)	0.10				
Cross Section Information					
Number of Lanes	1				
Paved Width (ft)	12				
Lane Width (ft)	12				
Roadway Condition Information					
SCR (Surface Condition Rating)	93				
PCR (Pavement Condition Rating)	93				
Distress Index Values					
Structural Crack Index	100				
Transverse Cracking Index	100				
Patching Index	99				
Rutting Index	93				
Roughness Condition Index (RCI)	NC				

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

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

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

ROUTE: 0404 BRANDY CREEK SERVICE ROAD SOUTH
WHIS : WHISKEYTOWN-SHASTA-TRINITY NATIONAL RECREATION AREA
COLLECTED: 8/16/2010
PACIFIC WEST REGION **TOTAL LENGTH: 0.17 Miles**

Section Number	0				
Section Length (mi)	0.17				
Cross Section Information					
Number of Lanes	1				
Paved Width (ft)	10				
Lane Width (ft)	10				
Roadway Condition Information					
SCR (Surface Condition Rating)	85				
PCR (Pavement Condition Rating)	85				
Distress Index Values					
Structural Crack Index	100				
Transverse Cracking Index	100				
Patching Index	100				
Rutting Index	85				
Roughness Condition Index (RCI)	NC				

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

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

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

ROUTE: 0405 CARR POWERHOUSE SERVICE ROAD
WHIS : WHISKEYTOWN-SHASTA-TRINITY NATIONAL RECREATION AREA
COLLECTED: 8/16/2010
PACIFIC WEST REGION **TOTAL LENGTH: 0.16 Miles**

Section Number	0				
Section Length (mi)	0.16				
Cross Section Information					
Number of Lanes	2				
Paved Width (ft)	14				
Lane Width (ft)	7				
Roadway Condition Information					
SCR (Surface Condition Rating)	85				
PCR (Pavement Condition Rating)	85				
Distress Index Values					
Structural Crack Index	100				
Transverse Cracking Index	100				
Patching Index	100				
Rutting Index	85				
Roughness Condition Index (RCI)	NC				

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

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

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

ROUTE: 0406 QUARTERS 324 ROAD
WHIS : WHISKEYTOWN-SHASTA-TRINITY NATIONAL RECREATION AREA
COLLECTED: 8/16/2010
PACIFIC WEST REGION TOTAL LENGTH: 0.28 Miles

Section Number	0				
Section Length (mi)	0.28				
Cross Section Information					
Number of Lanes	2				
Paved Width (ft)	14				
Lane Width (ft)	7				
Roadway Condition Information					
SCR (Surface Condition Rating)	91				
PCR (Pavement Condition Rating)	91				
Distress Index Values					
Structural Crack Index	99				
Transverse Cracking Index	100				
Patching Index	100				
Rutting Index	91				
Roughness Condition Index (RCI)	NC				

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

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

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

ROUTE: 0407 GRIZZLY GULCH ROAD
WHIS : WHISKEYTOWN-SHASTA-TRINITY NATIONAL RECREATION AREA
COLLECTED: 8/16/2010
PACIFIC WEST REGION **TOTAL LENGTH: 0.40 Miles**

Section Number	0				
Section Length (mi)	0.40				
Cross Section Information					
Number of Lanes	2				
Paved Width (ft)	16				
Lane Width (ft)	8				
Roadway Condition Information					
SCR (Surface Condition Rating)	81				
PCR (Pavement Condition Rating)	81				
Distress Index Values					
Structural Crack Index	98				
Transverse Cracking Index	97				
Patching Index	100				
Rutting Index	81				
Roughness Condition Index (RCI)	NC				

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

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

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

ROUTE: 0411 BULL GULCH SERVICE ROAD
WHIS : WHISKEYTOWN-SHASTA-TRINITY NATIONAL RECREATION AREA
COLLECTED: 8/16/2010
PACIFIC WEST REGION **TOTAL LENGTH: 0.47 Miles**

Section Number	0				
Section Length (mi)	0.47				
Cross Section Information					
Number of Lanes	2				
Paved Width (ft)	17				
Lane Width (ft)	9				
Roadway Condition Information					
SCR (Surface Condition Rating)	91				
PCR (Pavement Condition Rating)	91				
Distress Index Values					
Structural Crack Index	100				
Transverse Cracking Index	100				
Patching Index	100				
Rutting Index	91				
Roughness Condition Index (RCI)	NC				

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

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

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

ROUTE: 0414 GRIZZLY GULCH WATER TANK ACCESS ROAD
WHIS : WHISKEYTOWN-SHASTA-TRINITY NATIONAL RECREATION AREA

COLLECTED: 8/16/2010

PACIFIC WEST REGION **TOTAL LENGTH: 0.07 Miles**

Section Number	0				
Section Length (mi)	0.07				
Cross Section Information					
Number of Lanes	1				
Paved Width (ft)	11				
Lane Width (ft)	10				
Roadway Condition Information					
SCR (Surface Condition Rating)	82				
PCR (Pavement Condition Rating)	82				
Distress Index Values					
Structural Crack Index	100				
Transverse Cracking Index	100				
Patching Index	100				
Rutting Index	82				
Roughness Condition Index (RCI)	NC				

NOTES:

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

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

NC - Not Collected N/A - Non Applicable

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

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

ROUTE: 0415 GOVERNMENT BOAT LAUNCH LOOP
WHIS : WHISKEYTOWN-SHASTA-TRINITY NATIONAL RECREATION AREA
COLLECTED: 8/16/2010
PACIFIC WEST REGION **TOTAL LENGTH: 0.11 Miles**

Section Number	0				
Section Length (mi)	0.11				
Cross Section Information					
Number of Lanes	1				
Paved Width (ft)	15				
Lane Width (ft)	15				
Roadway Condition Information					
SCR (Surface Condition Rating)	90				
PCR (Pavement Condition Rating)	90				
Distress Index Values					
Structural Crack Index	98				
Transverse Cracking Index	97				
Patching Index	100				
Rutting Index	90				
Roughness Condition Index (RCI)	NC				

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

Section 6
Manually Rated Paved Route Condition Rating Sheets

Whiskeytown-Shasta-Trinity
National Recreation Area

Federal Lands Highway
Road Inventory Program

WHISKEYTOWN-SHASTA-TRINITY NATIONAL RECREATION AREA

Route 0410

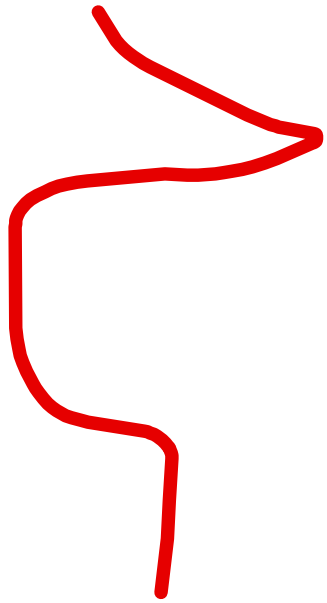
TOWER RESIDENCE ROAD

FROM TRINITY MOUNTAIN ROAD

TO END AT GATE

Route Number	Public / NonPublic	Date Visited	Area (sq ft)	Lane Miles *	MRL	
					Length (mi)	Width (ft)
0410	NONPUBLIC	6/16/2010	42,134	0.73	0.42	19
Culverts	**Drop Inlets**	**Gates**	**Curb & Gutter**	**Curb**	**PCR**	**Surface Type**
0	0	1	NO CURB AND GUTTER	NO CURB	POOR/45	AS

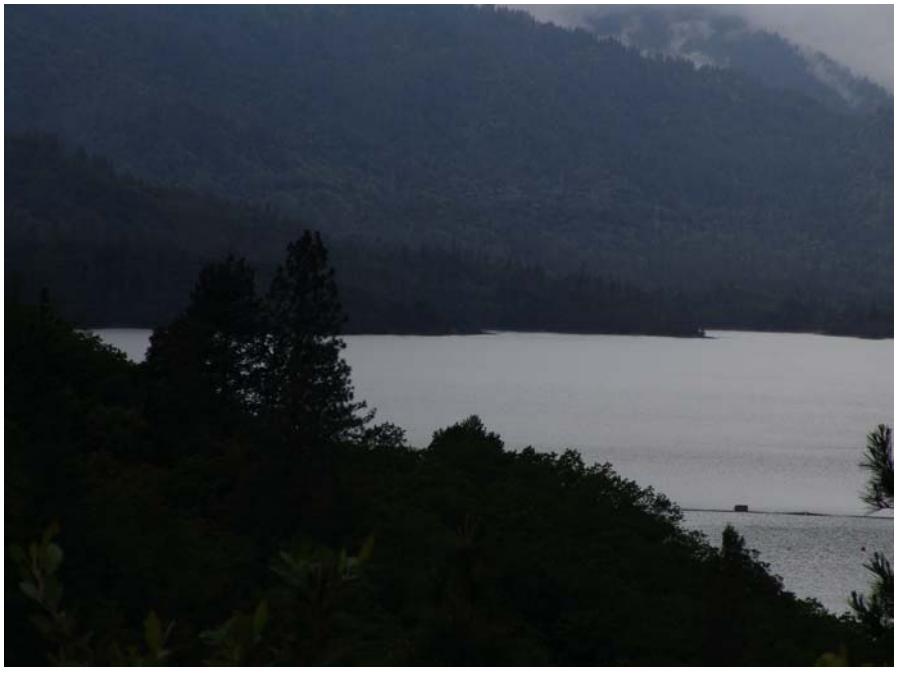
* Lane miles are based on 11' lane widths



1,000 500 0 1,000 Feet

N

Section 7
Parking Area
Condition Rating Sheets



Whiskeytown-Shasta-Trinity
National Recreation Area

Federal Lands Highway
Road Inventory Program

WHISKEYTOWN-SHASTA-TRINITY NATIONAL RECREATION AREA

Route 0900ZZ

VISITOR CENTER PARKING AREAS

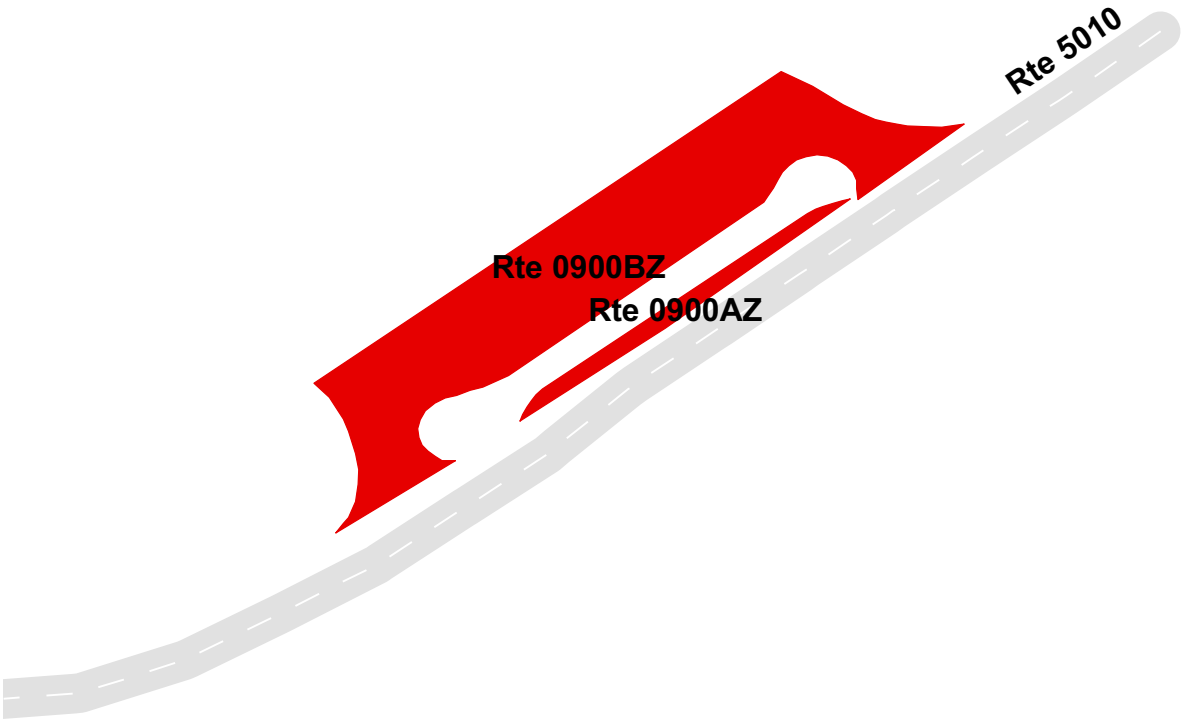
FROM ROUTE 5010 (KENNEDY MEMORIAL DRIVE)

TO ROUTE 5010 (KENNEDY MEMORIAL DRIVE)

Summary Record

Route Number	Public / NonPublic	Date Visited	Area (sq ft)	Lane Miles *	Surface Type
0900ZZ	PUBLIC	6/16/2010	19,310	0.33	AS
Culverts	**Drop Inlets**	**Gates**	**Curb & Gutter**	**Curb**	**PCR**
0	1	0	CONCRETE CURB AND GUTTER	NO CURB	SUMMARY/90

* Lane miles are based on 11' lane widths



230 115 0 230 Feet

N

WHISKEYTOWN-SHASTA-TRINITY NATIONAL RECREATION AREA
Route 0900AZ
VISITOR CENTER PARKING A
ADJACENT TO ROUTE 5010 (KENNEDY MEMORIAL DRIVE)

Subcomponent Record

Route Number	Public / NonPublic	Date Visited	Area (sq ft)	Lane Miles *	Surface Type
0900AZ	PUBLIC	6/16/2010	1,522	0.03	AS
Culverts	**Drop Inlets**	**Gates**	**Curb & Gutter**	**Curb**	**PCR**
0	1	0	CONCRETE CURB AND GUTTER	NO CURB	GOOD/90

* Lane miles are based on 11' lane widths

230 115 0 230
Feet

N

WHISKEYTOWN-SHASTA-TRINITY NATIONAL RECREATION AREA

Route 0900BZ

VISITOR CENTER PARKING B

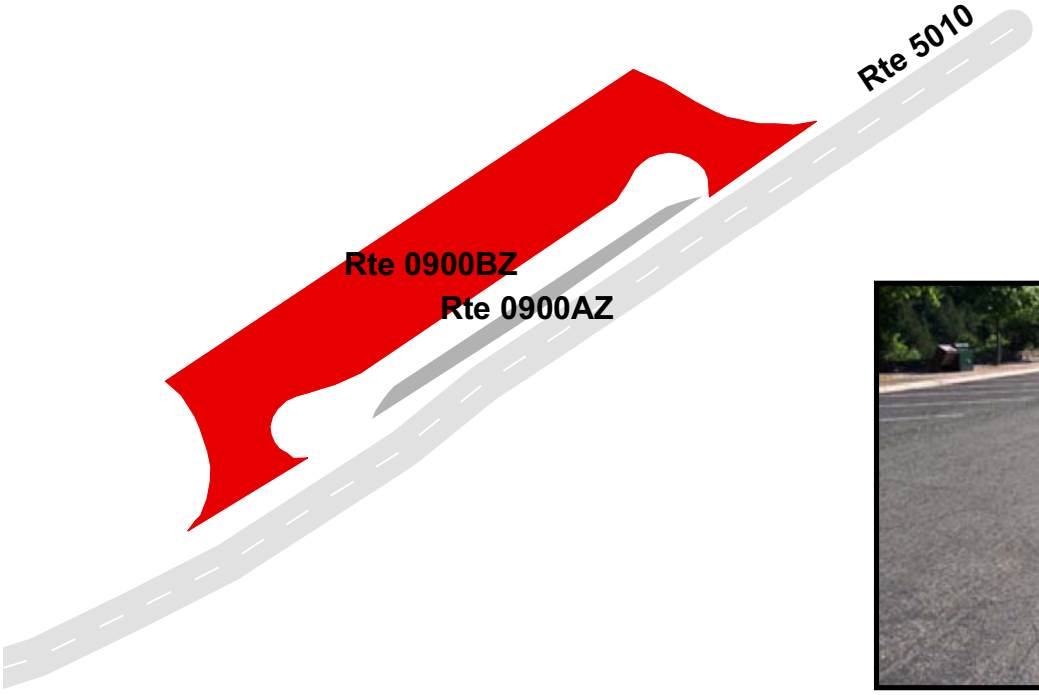
FROM ROUTE 5010 (KENNEDY MEMORIAL DRIVE)

TO ROUTE 5010 (KENNEDY MEMORIAL DRIVE)

Subcomponent Record

Route Number	Public / NonPublic	Date Visited	Area (sq ft)	Lane Miles *	Surface Type
0900BZ	PUBLIC	6/16/2010	17,788	0.31	AS
Culverts	**Drop Inlets**	**Gates**	**Curb & Gutter**	**Curb**	**PCR**
0	0	0	CONCRETE CURB AND GUTTER	NO CURB	GOOD/90

* Lane miles are based on 11' lane widths



240 120 0 240 Feet

WHISKEYTOWN-SHASTA-TRINITY NATIONAL RECREATION AREA

Route 0901

PARK HEADQUARTERS VISITOR PARKING

FROM ROUTE 0400 (HEADQUARTERS ROAD) AT MP 0.04 (ON RIGHT)

TO PARKING

Route Number	Public / NonPublic	Date Visited	Area (sq ft)	Lane Miles *	Surface Type
0901	PUBLIC	6/16/2010	5,186	0.09	AS
Culverts	**Drop Inlets**	**Gates**	**Curb & Gutter**	**Curb**	**PCR**
0	0	0	CONCRETE CURB AND GUTTER	NO CURB	GOOD/90

* Lane miles are based on 11' lane widths

180 90 0 180 Feet

N

WHISKEYTOWN-SHASTA-TRINITY NATIONAL RECREATION AREA

Route 0902A

PARK HEADQUARTERS EMPLOYEE PARKING A

ADJACENT TO ROUTE 0400 (HEADQUARTERS ROAD) AT MP 0.03 (ON LEFT)

Route Number	Public / NonPublic	Date Visited	Area (sq ft)	Lane Miles *	Surface Type
0902A	NONPUBLIC	6/16/2010	6,195	0.11	AS
Culverts	**Drop Inlets**	**Gates**	**Curb & Gutter**	**Curb**	**PCR**
0	0	0	NO CURB AND GUTTER	ASPHALT CURB	GOOD/90

* Lane miles are based on 11' lane widths

280 140 0 280 Feet

N

WHISKEYTOWN-SHASTA-TRINITY NATIONAL RECREATION AREA

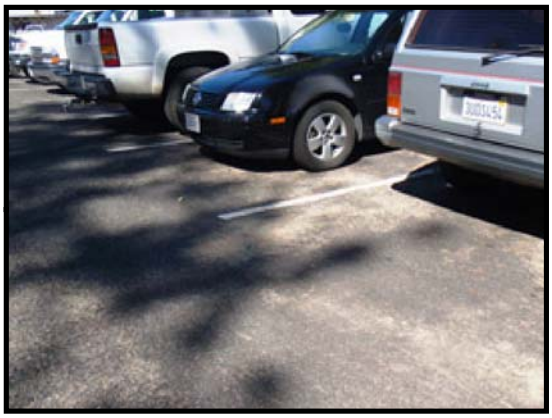
Route 0902B

PARK HEADQUARTERS EMPLOYEE PARKING B

ADJACENT TO ROUTE 0400 (HEADQUARTERS ROAD) AT MP 0.06 (ON RIGHT)

Route Number	Public / NonPublic	Date Visited	Area (sq ft)	Lane Miles *	Surface Type
0902B	NONPUBLIC	6/16/2010	2,118	0.04	AS
Culverts	**Drop Inlets**	**Gates**	**Curb & Gutter**	**Curb**	**PCR**
0	1	0	NO CURB AND GUTTER	ASPHALT CURB	GOOD/90

* Lane miles are based on 11' lane widths



290 145 0 290 Feet

WHISKEYTOWN-SHASTA-TRINITY NATIONAL RECREATION AREA

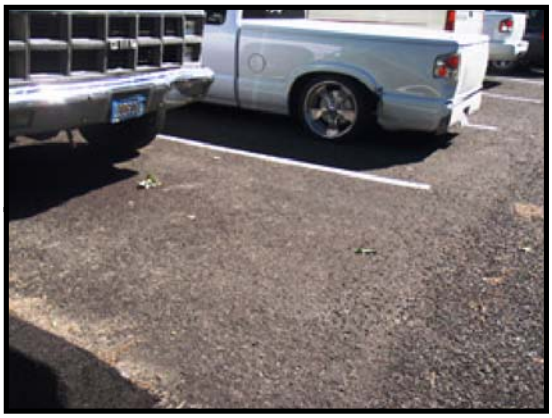
Route 0903

PARK HEADQUARTERS EMPLOYEE PARKING

ADJACENT TO ROUTE 0400 (HEADQUARTERS ROAD) ON RIGHT

Route Number	Public / NonPublic	Date Visited	Area (sq ft)	Lane Miles *	Surface Type
0903	NONPUBLIC	6/16/2010	1,560	0.03	AS
Culverts	**Drop Inlets**	**Gates**	**Curb & Gutter**	**Curb**	**PCR**
0	0	0	NO CURB AND GUTTER	ASPHALT CURB	GOOD/90

* Lane miles are based on 11' lane widths



WHISKEYTOWN-SHASTA-TRINITY NATIONAL RECREATION AREA

Route 0904

MAINTENANCE YARD

FROM ROUTE 0400 (HEADQUARTERS ROAD) AT MP 0.07 (ON LEFT)
TO ROUTE 0400 (HEADQUARTERS ROAD) AT MP 0.12 (ON LEFT)

Route Number	Public / NonPublic	Date Visited	Area (sq ft)	Lane Miles *	Surface Type
0904	NONPUBLIC	6/16/2010	16,423	0.28	AS
Culverts	**Drop Inlets**	**Gates**	**Curb & Gutter**	**Curb**	**PCR**
0	1	1	NO CURB AND GUTTER	NO CURB	GOOD/90

* Lane miles are based on 11' lane widths

280 140 0 280 Feet

WHISKEYTOWN-SHASTA-TRINITY NATIONAL RECREATION AREA

Route 0905

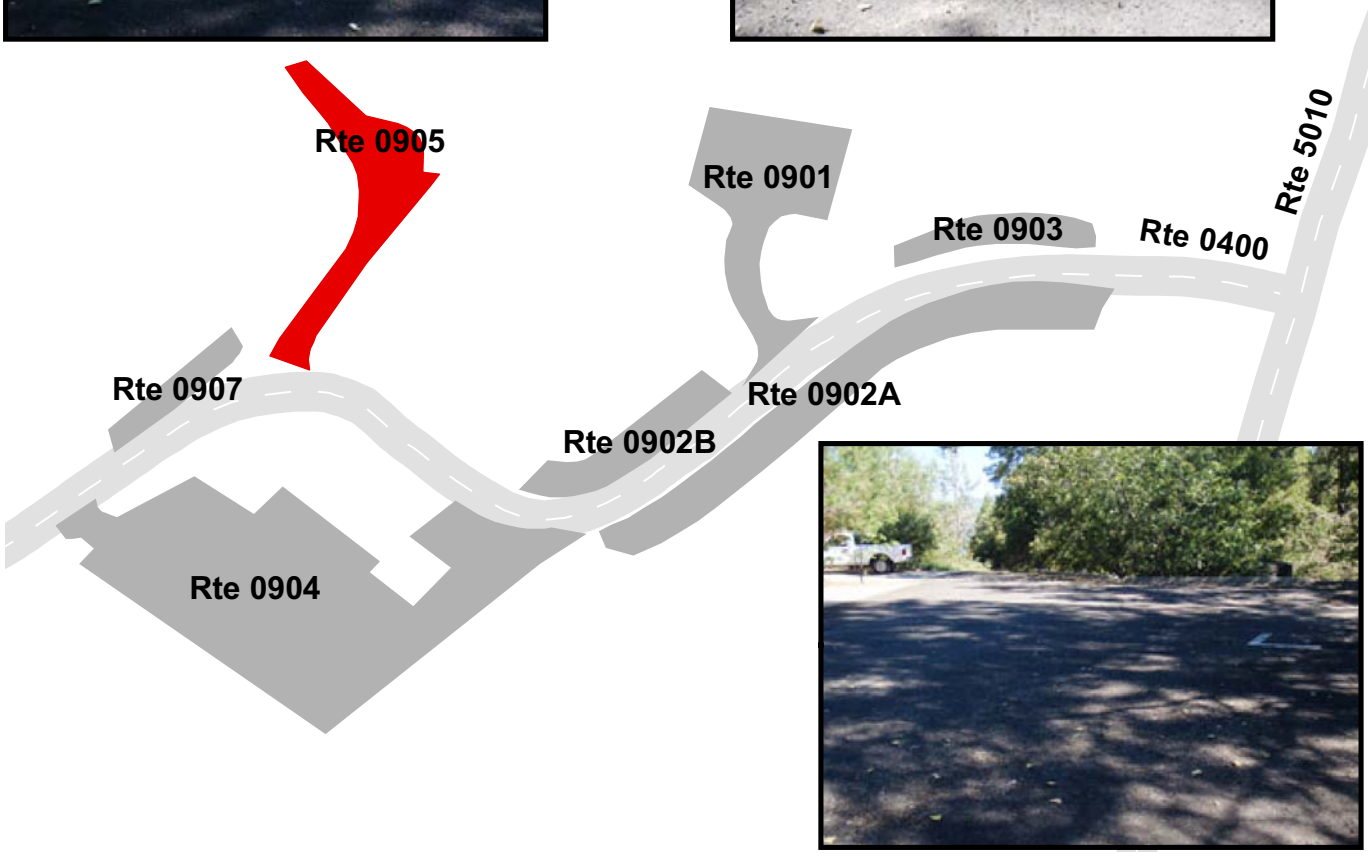
HEADQUARTERS ADMINISTRATIVE PARKING

FROM ROUTE 0400 (HEADQUARTERS ROAD) AT MP 0.10 (ON RIGHT)

TO PARKING

Route Number	Public / NonPublic	Date Visited	Area (sq ft)	Lane Miles *	Surface Type
0905	NONPUBLIC	6/16/2010	3,764	0.07	AS
Culverts	**Drop Inlets**	**Gates**	**Curb & Gutter**	**Curb**	**PCR**
0	0	1	NO CURB AND GUTTER	ASPHALT CURB	GOOD/90

* Lane miles are based on 11' lane widths



280 140 0 280 Feet

N

WHISKEYTOWN-SHASTA-TRINITY NATIONAL RECREATION AREA

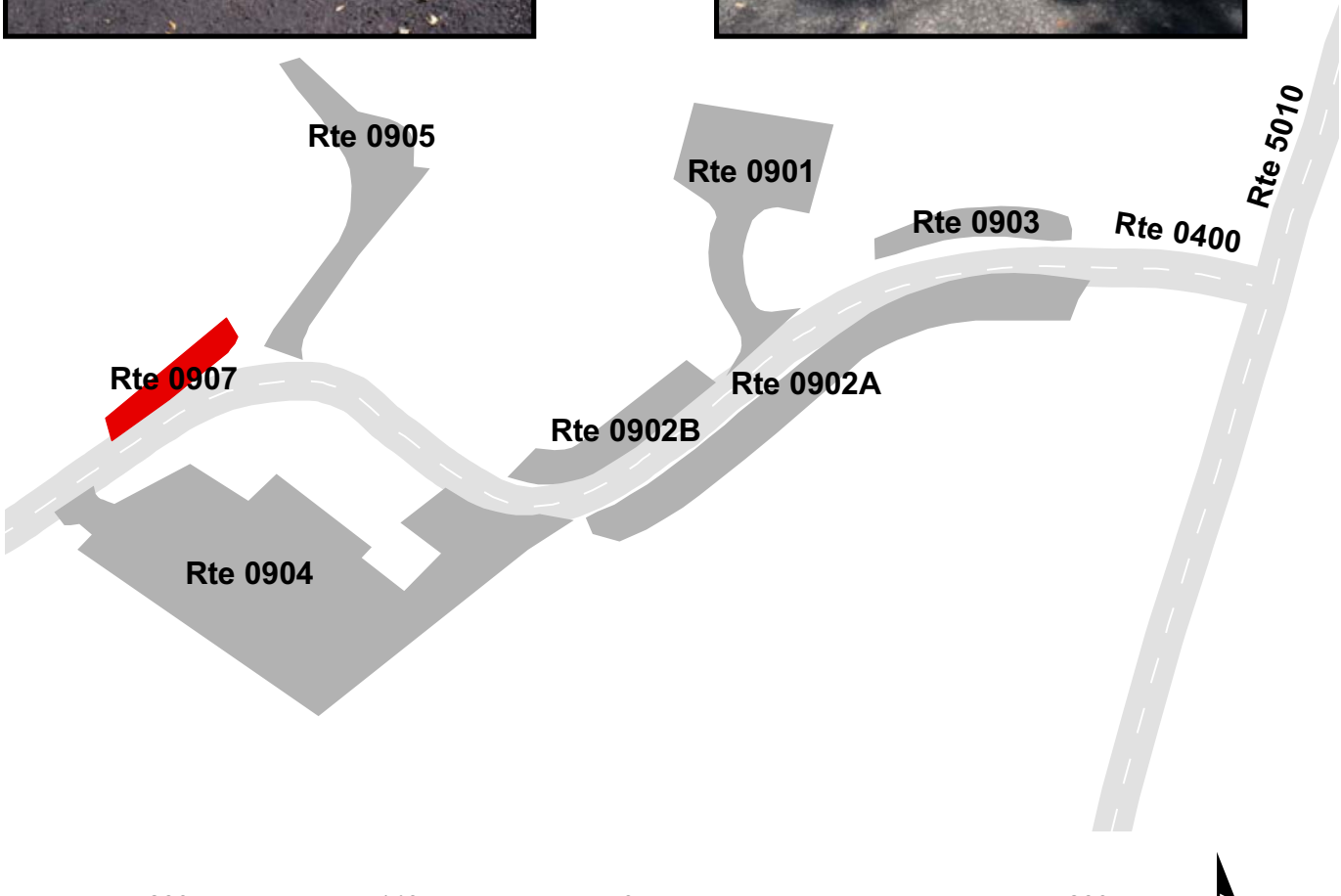
Route 0907

HEADQUARTERS GOVERNMENT CAR PARKING

ADJACENT TO ROUTE 0400 (HEADQUARTERS ROAD) AT MP 0.11 (ON RIGHT)

Route Number	Public / NonPublic	Date Visited	Area (sq ft)	Lane Miles *	Surface Type
0907	NONPUBLIC	6/16/2010	1,133	0.02	AS
Culverts	**Drop Inlets**	**Gates**	**Curb & Gutter**	**Curb**	**PCR**
0	0	0	NO CURB AND GUTTER	ASPHALT CURB	GOOD/90

* Lane miles are based on 11' lane widths



WHISKEYTOWN-SHASTA-TRINITY NATIONAL RECREATION AREA

Route 0909

EAST BEACH PARKING

ADJACENT TO ROUTE 5010 (KENNEDY MEMORIAL DRIVE) ON RIGHT

Route Number	Public / NonPublic	Date Visited	Area (sq ft)	Lane Miles *	Surface Type
0909	PUBLIC	6/16/2010	9,021	0.16	AS
Culverts	**Drop Inlets**	**Gates**	**Curb & Gutter**	**Curb**	**PCR**
0	0	0	NO CURB AND GUTTER	NO CURB	POOR/45

* Lane miles are based on 11' lane widths

240 120 0 240 Feet

N

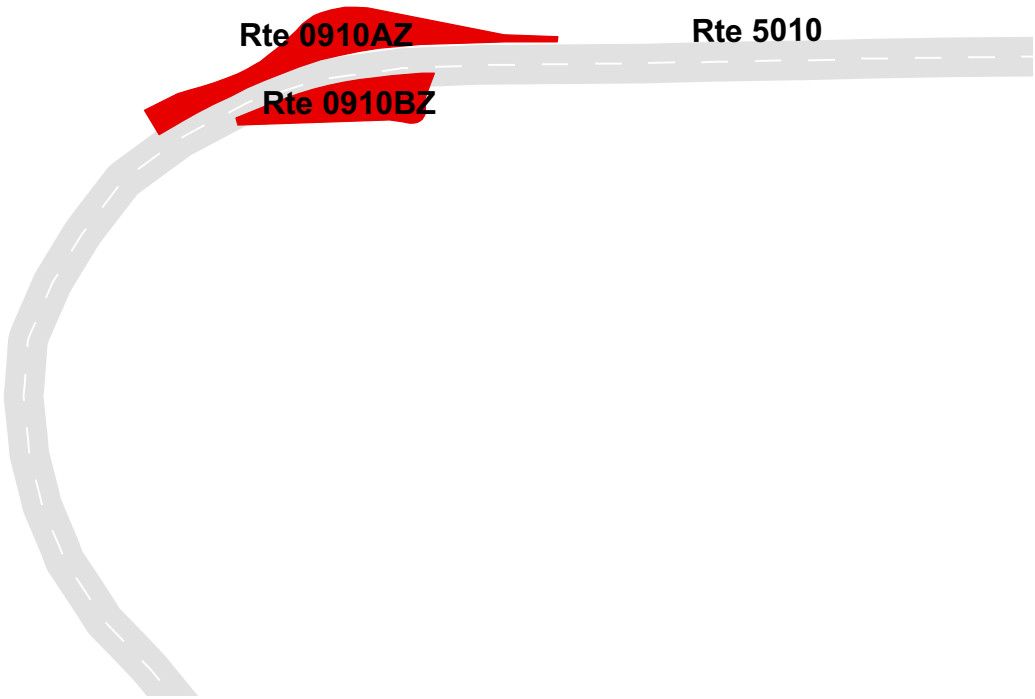
7-11

WHISKEYTOWN-SHASTA-TRINITY NATIONAL RECREATION AREA
Route 0910ZZ
KENNEDY MEMORIAL VISTAS PARKING AREAS
ADJACENT TO ROUTE 5010 (KENNEDY MEMORIAL DRIVE) ON LEFT AND RIGHT

Summary Record

Route Number	Public / NonPublic	Date Visited	Area (sq ft)	Lane Miles *	Surface Type
0910ZZ	PUBLIC	6/16/2010	9,460	0.16	AS
Culverts	**Drop Inlets**	**Gates**	**Curb & Gutter**	**Curb**	**PCR**
0	0	0	NO CURB AND GUTTER	NO CURB	SUMMARY/73

* Lane miles are based on 11' lane widths



WHISKEYTOWN-SHASTA-TRINITY NATIONAL RECREATION AREA
Route 0910AZ
KENNEDY MEMORIAL VISTAS PARKING A
ADJACENT TO ROUTE 5010 (KENNEDY MEMORIAL DRIVE) ON RIGHT

Subcomponent Record

Route Number	Public / NonPublic	Date Visited	Area (sq ft)	Lane Miles *	Surface Type
0910AZ	PUBLIC	6/16/2010	5,852	0.10	AS
Culverts	**Drop Inlets**	**Gates**	**Curb & Gutter**	**Curb**	**PCR**
0	0	0	NO CURB AND GUTTER	NO CURB	FAIR/73

* Lane miles are based on 11' lane widths

270 135 0 270
Feet

WHISKEYTOWN-SHASTA-TRINITY NATIONAL RECREATION AREA
Route 0910BZ
KENNEDY MEMORIAL VISTAS PARKING B
ADJACENT TO ROUTE 5010 (KENNEDY MEMORIAL DRIVE) ON LEFT

Subcomponent Record

Route Number	Public / NonPublic	Date Visited	Area (sq ft)	Lane Miles *	Surface Type
0910BZ	PUBLIC	6/16/2010	3,608	0.06	AS
Culverts	**Drop Inlets**	**Gates**	**Curb & Gutter**	**Curb**	**PCR**
0	0	0	NO CURB AND GUTTER	NO CURB	FAIR/73

* Lane miles are based on 11' lane widths

WHISKEYTOWN-SHASTA-TRINITY NATIONAL RECREATION AREA

Route 0911A

KENNEDY MONUMENT / DAM PARKING A

ADJACENT TO ROUTE 5010 (KENNEDY MEMORIAL DRIVE)

Route Number	Public / NonPublic	Date Visited	Area (sq ft)	Lane Miles *	Surface Type
0911A	PUBLIC	6/16/2010	7,865	0.14	AS
Culverts	**Drop Inlets**	**Gates**	**Curb & Gutter**	**Curb**	**PCR**
0	0	0	NO CURB AND GUTTER	NO CURB	GOOD/90

* Lane miles are based on 11' lane widths

WHISKEYTOWN-SHASTA-TRINITY NATIONAL RECREATION AREA

Route 0911B

KENNEDY MONUMENT / DAM PARKING B

ADJACENT TO ROUTE 5010 (KENNEDY MEMORIAL DRIVE) AND ROUTE 5201 (PAIGE BAR ROAD NON NPS)

Route Number	Public / NonPublic	Date Visited	Area (sq ft)	Lane Miles *	Surface Type
0911B	PUBLIC	6/16/2010	25,781	0.44	AS
Culverts	**Drop Inlets**	**Gates**	**Curb & Gutter**	**Curb**	**PCR**
0	0	0	NO CURB AND GUTTER	NO CURB	GOOD/90

* Lane miles are based on 11' lane widths

WHISKEYTOWN-SHASTA-TRINITY NATIONAL RECREATION AREA

Route 0914

N.E.E.D. CAMP PARKING

FROM END OF ROUTE 0201 (N.E.E.D. CAMP ROAD) AT MP 0.27

TO BEGINNING OF ROUTE 0401 (N.E.E.D. CAMP RESIDENCE ROAD)

Route Number	Public / NonPublic	Date Visited	Area (sq ft)	Lane Miles *	Surface Type
0914	PUBLIC	6/16/2010	13,357	0.23	AS
Culverts	**Drop Inlets**	**Gates**	**Curb & Gutter**	**Curb**	**PCR**
0	0	0	NO CURB AND GUTTER	NO CURB	GOOD/90

* Lane miles are based on 11' lane widths

190 95 0 190 Feet

N

WHISKEYTOWN-SHASTA-TRINITY NATIONAL RECREATION AREA

Route 0915

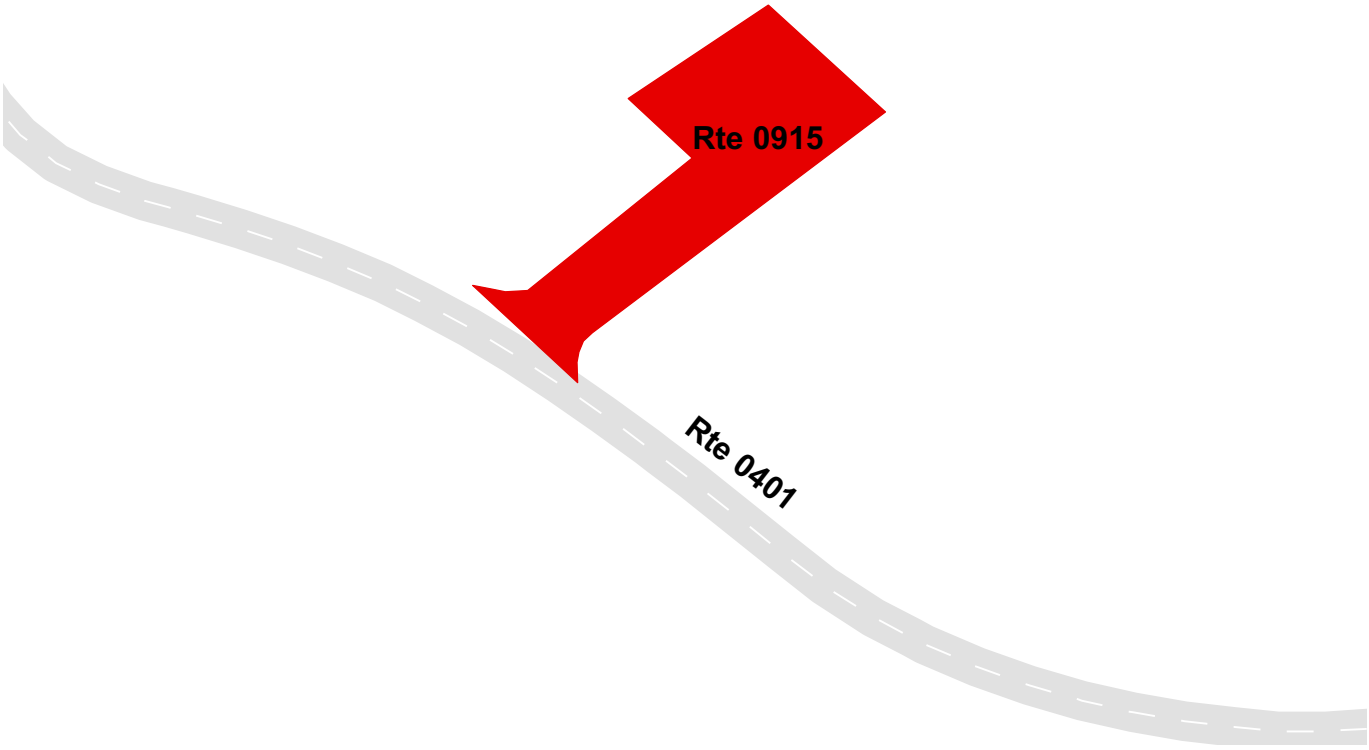
N.E.E.D. CAMP CAFETERIA ACCESS PARKING

FROM ROUTE 0401 (N.E.E.D. CAMP RESIDENCE ROAD) AT MP 0.06 (ON RIGHT)

TO PARKING

Route Number	Public / NonPublic	Date Visited	Area (sq ft)	Lane Miles *	Surface Type
0915	PUBLIC	6/16/2010	2,533	0.04	AS
Culverts	**Drop Inlets**	**Gates**	**Curb & Gutter**	**Curb**	**PCR**
0	0	0	NO CURB AND GUTTER	NO CURB	FAIR/73

* Lane miles are based on 11' lane widths



WHISKEYTOWN-SHASTA-TRINITY NATIONAL RECREATION AREA

Route 0919

BRANDY CREEK PARKING LOT A

FROM ROUTE 0100 (BRANDY CREEK BEACH ROAD) AT MP 0.12 (ON LEFT)
TO PARKING

Route Number	Public / NonPublic	Date Visited	Area (sq ft)	Lane Miles *	Surface Type
0919	PUBLIC	6/16/2010	45,074	0.78	AS
Culverts	**Drop Inlets**	**Gates**	**Curb & Gutter**	**Curb**	**PCR**
0	1	0	CONCRETE CURB AND GUTTER	CONCRETE CURB	GOOD/90

* Lane miles are based on 11' lane widths

420 210 0 420 Feet

N

WHISKEYTOWN-SHASTA-TRINITY NATIONAL RECREATION AREA

Route 0920

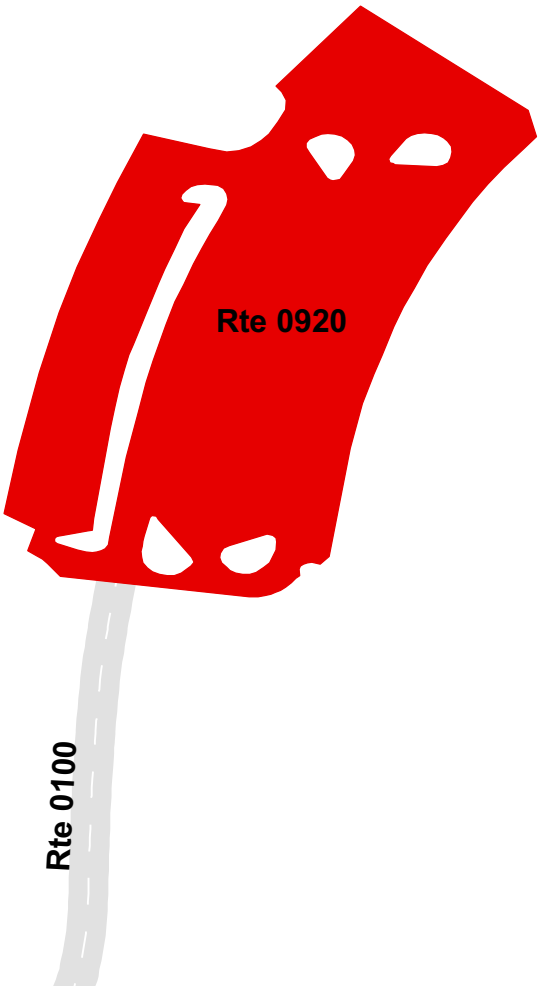
BRANDY CREEK PARKING LOT B

FROM END OF ROUTE 0100 (BRANDY CREEK BEACH ROAD) AT MP 0.37

TO PARKING

Route Number	Public / NonPublic	Date Visited	Area (sq ft)	Lane Miles *	Surface Type
0920	PUBLIC	6/16/2010	113,366	1.95	AS
Culverts	**Drop Inlets**	**Gates**	**Curb & Gutter**	**Curb**	**PCR**
0	0	0	CONCRETE CURB AND GUTTER	NO CURB	GOOD/90

* Lane miles are based on 11' lane widths



350 175 0 350 Feet

N

WHISKEYTOWN-SHASTA-TRINITY NATIONAL RECREATION AREA

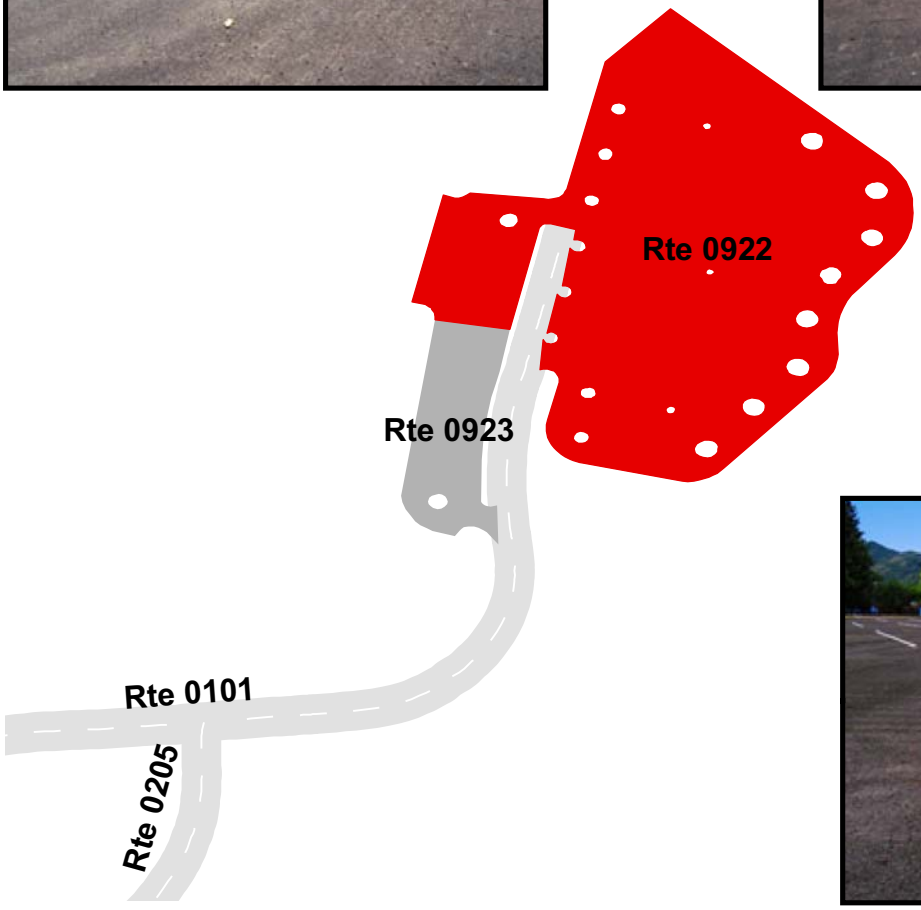
Route 0922

BRANDY CREEK MARINA PARKING

FROM END OF ROUTE 0101 (BRANDY CREEK MARINA ROAD) AT MP 0.43 (ON RIGHT)
TO PARKING

Route Number	Public / NonPublic	Date Visited	Area (sq ft)	Lane Miles *	Surface Type
0922	PUBLIC	6/16/2010	180,958	3.12	AS
Culverts	**Drop Inlets**	**Gates**	**Curb & Gutter**	**Curb**	**PCR**
0	0	0	CONCRETE CURB AND GUTTER	CONCRETE CURB	GOOD/90

* Lane miles are based on 11' lane widths



540 270 0 540 Feet

N

WHISKEYTOWN-SHASTA-TRINITY NATIONAL RECREATION AREA

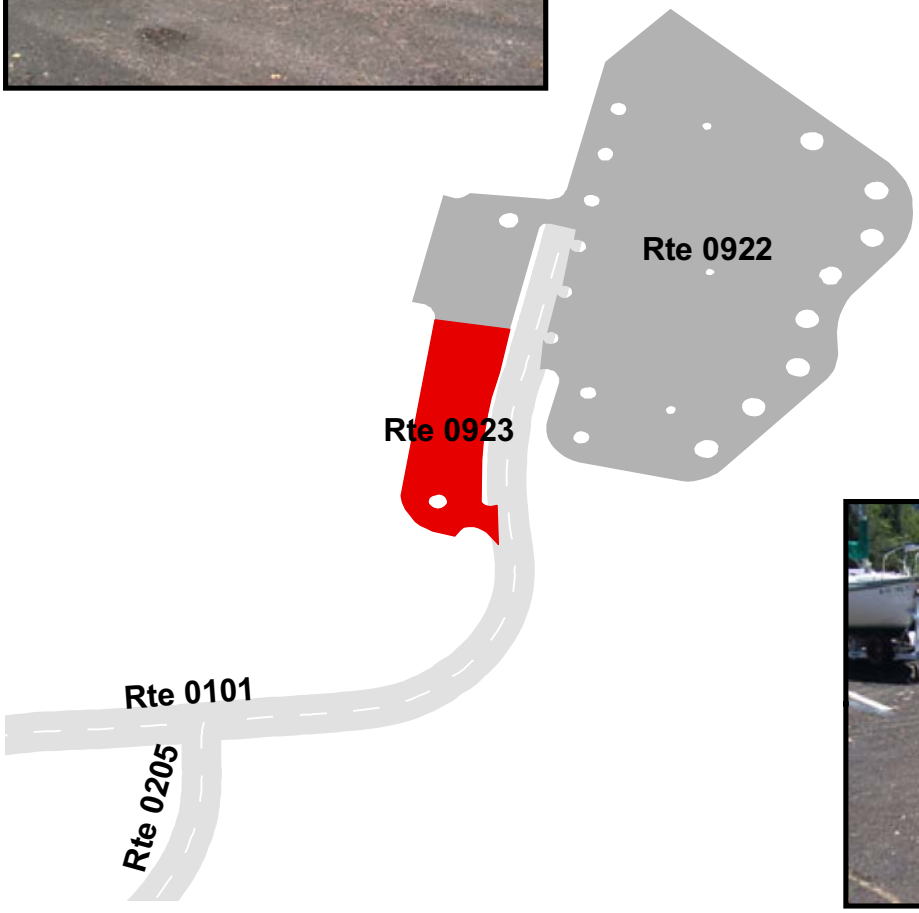
Route 0923

DRY STORAGE AREA

FROM ROUTE 0101 (BRANDY CREEK MARINA ROAD) AT MP 0.38 (ON LEFT)
TO ROUTE 0922 (BRANDY CREEK MARINA PARKING)

Route Number	Public / NonPublic	Date Visited	Area (sq ft)	Lane Miles *	Surface Type
0923	NONPUBLIC	6/16/2010	22,431	0.39	AS
Culverts	**Drop Inlets**	**Gates**	**Curb & Gutter**	**Curb**	**PCR**
0	0	2	CONCRETE CURB AND GUTTER	CONCRETE CURB	GOOD/90

* Lane miles are based on 11' lane widths



590 295 0 590 Feet

N

WHISKEYTOWN-SHASTA-TRINITY NATIONAL RECREATION AREA

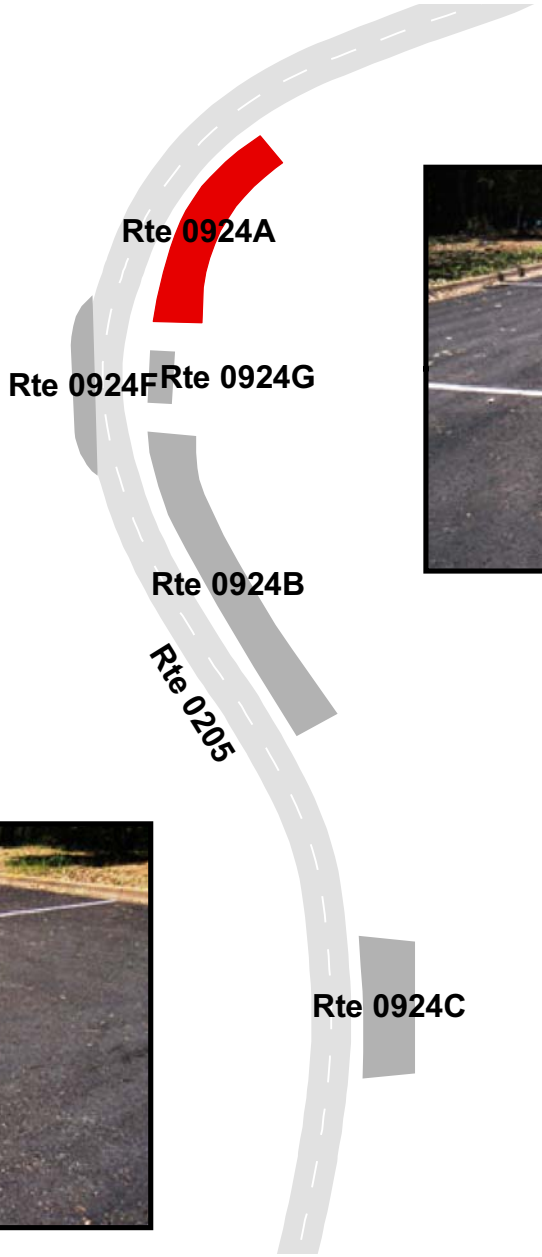
Route 0924A

BRANDY CREEK R.V. PARKING A

ADJACENT TO ROUTE 0205 (BRANDY CREEK MARINA R.V. CAMPGROUND) AT MP 0.13 (ON LEFT)

Route Number	Public / NonPublic	Date Visited	Area (sq ft)	Lane Miles *	Surface Type
0924A	PUBLIC	6/16/2010	3,555	0.06	AS
Culverts	**Drop Inlets**	**Gates**	**Curb & Gutter**	**Curb**	**PCR**
0	0	0	CONCRETE CURB AND GUTTER	NO CURB	GOOD/90

* Lane miles are based on 11' lane widths



190 95 0 190 Feet

N

WHISKEYTOWN-SHASTA-TRINITY NATIONAL RECREATION AREA

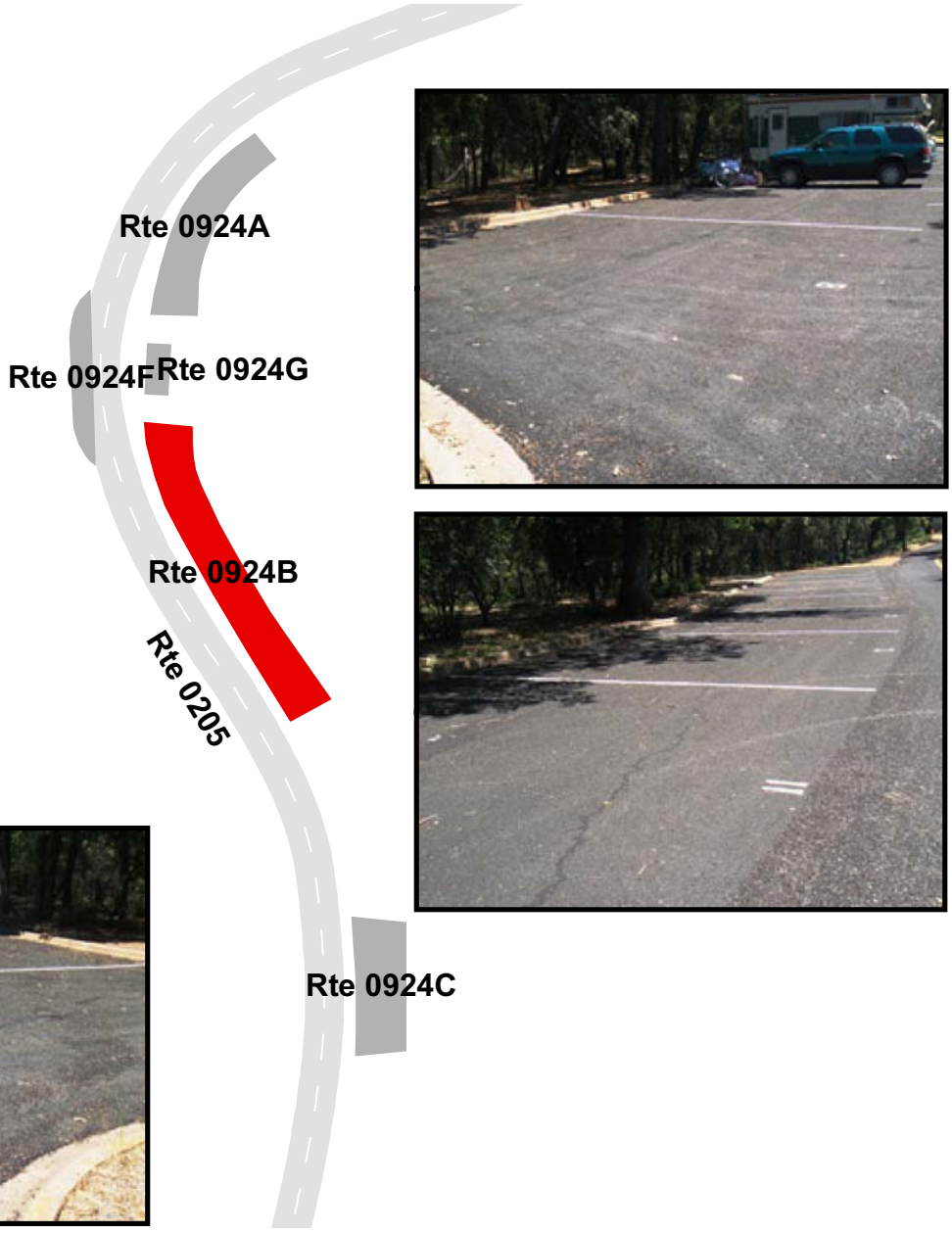
Route 0924B

BRANDY CREEK R.V. PARKING B

ADJACENT TO ROUTE 0205 (BRANDY CREEK MARINA R.V. CAMPGROUND) AT MP 0.18 (ON LEFT)

Route Number	Public / NonPublic	Date Visited	Area (sq ft)	Lane Miles *	Surface Type
0924B	PUBLIC	6/16/2010	5,960	0.10	AS
Culverts	**Drop Inlets**	**Gates**	**Curb & Gutter**	**Curb**	**PCR**
0	0	0	CONCRETE CURB AND GUTTER	NO CURB	GOOD/90

* Lane miles are based on 11' lane widths



WHISKEYTOWN-SHASTA-TRINITY NATIONAL RECREATION AREA

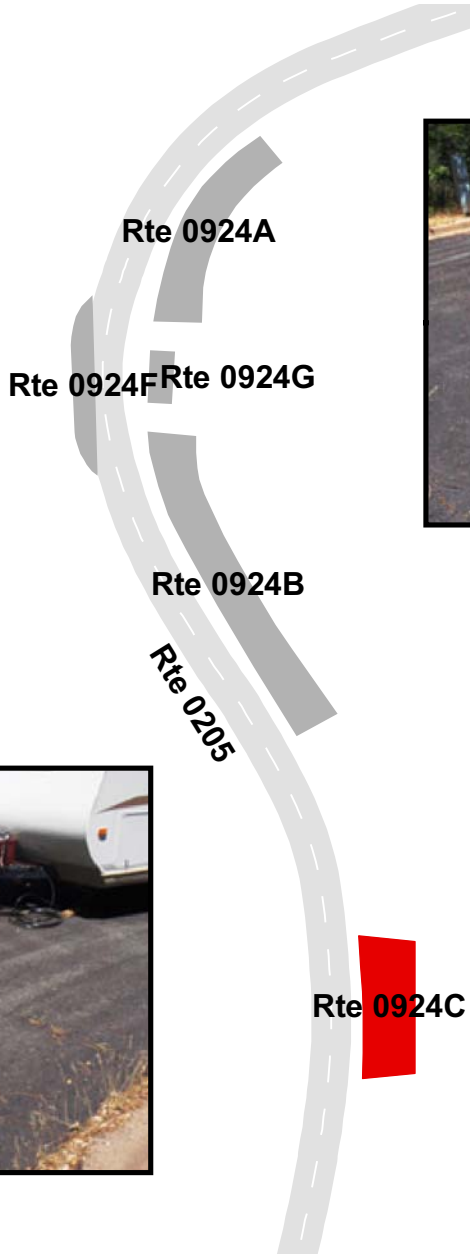
Route 0924C

BRANDY CREEK R.V. PARKING C

ADJACENT TO ROUTE 0205 (BRANDY CREEK MARINA R.V. CAMPGROUND) AT MP 0.25 (ON LEFT)

Route Number	Public / NonPublic	Date Visited	Area (sq ft)	Lane Miles *	Surface Type
0924C	PUBLIC	6/16/2010	3,146	0.05	AS
Culverts	**Drop Inlets**	**Gates**	**Curb & Gutter**	**Curb**	**PCR**
0	0	0	CONCRETE CURB AND GUTTER	NO CURB	GOOD/90

* Lane miles are based on 11' lane widths



190 95 0 190 Feet

N

WHISKEYTOWN-SHASTA-TRINITY NATIONAL RECREATION AREA

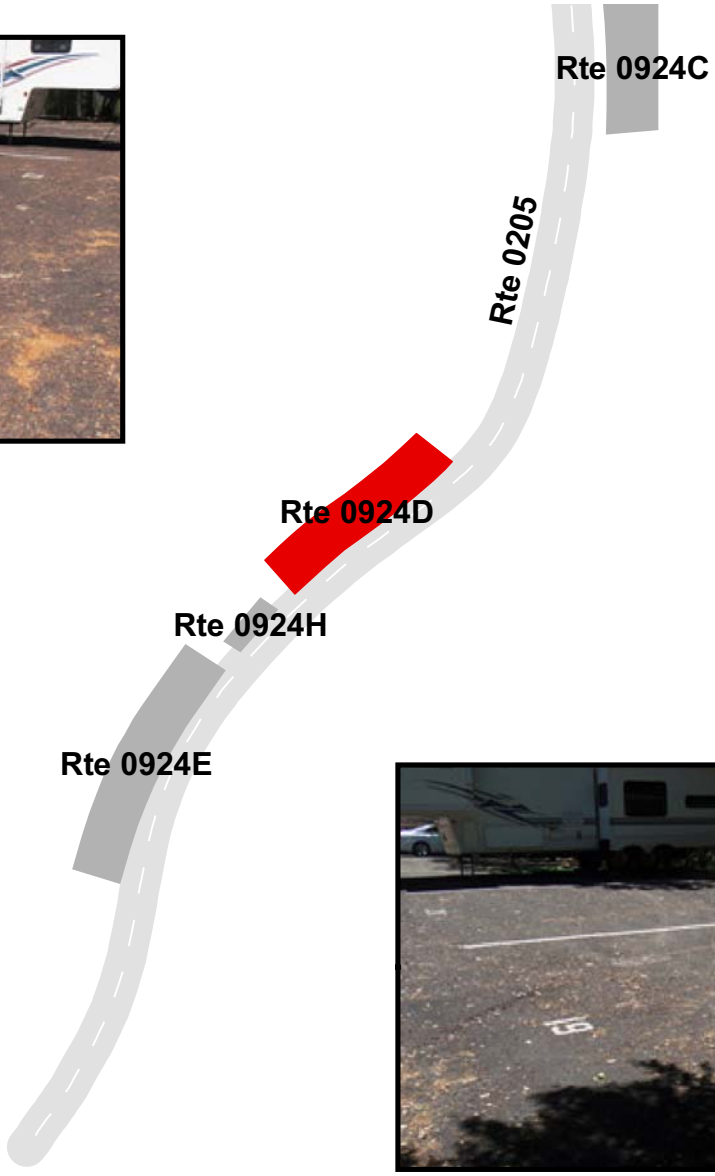
Route 0924D

BRANDY CREEK R.V. PARKING D

ADJACENT TO ROUTE 0205 (BRANDY CREEK MARINA R.V. CAMPGROUND) AT MP 0.32 (ON RIGHT)

Route Number	Public / NonPublic	Date Visited	Area (sq ft)	Lane Miles *	Surface Type
0924D	PUBLIC	6/16/2010	3,960	0.07	AS
Culverts	**Drop Inlets**	**Gates**	**Curb & Gutter**	**Curb**	**PCR**
0	0	0	CONCRETE CURB AND GUTTER	NO CURB	GOOD/90

* Lane miles are based on 11' lane widths



190 95 0 190 Feet

N

WHISKEYTOWN-SHASTA-TRINITY NATIONAL RECREATION AREA

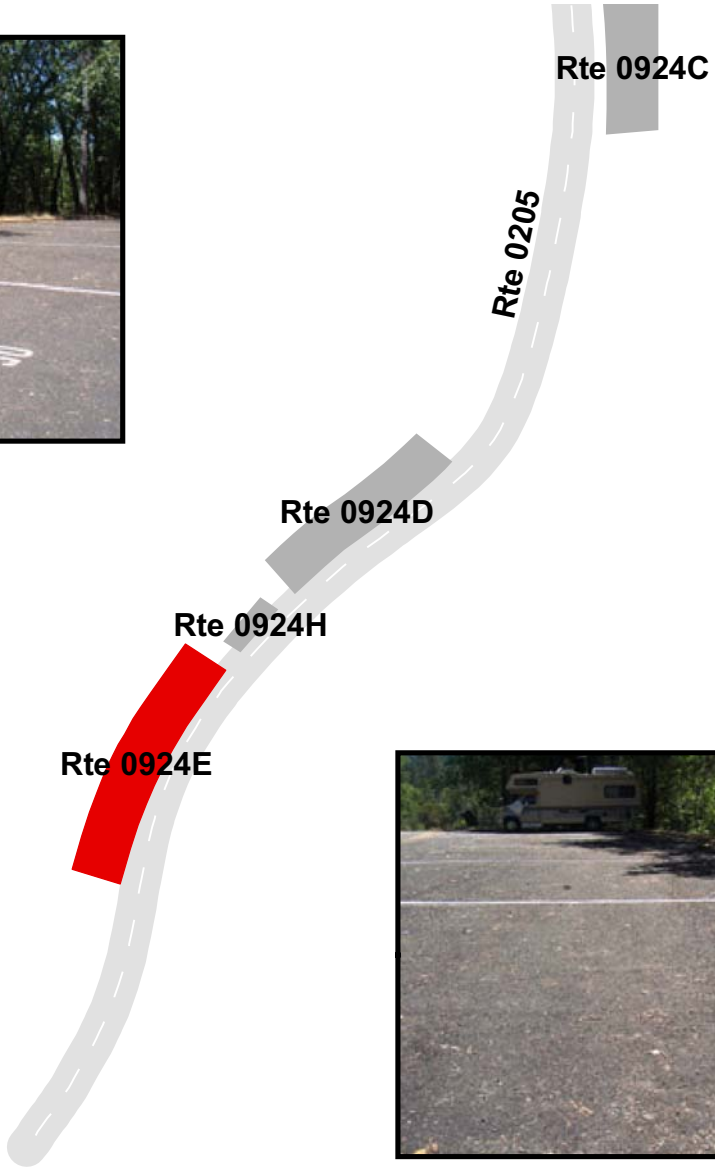
Route 0924E

BRANDY CREEK R.V. PARKING E

ADJACENT TO ROUTE 0205 (BRANDY CREEK MARINA R.V. CAMPGROUND) AT MP 0.36 (ON RIGHT)

Route Number	Public / NonPublic	Date Visited	Area (sq ft)	Lane Miles *	Surface Type
0924E	PUBLIC	6/16/2010	5,291	0.09	AS
Culverts	**Drop Inlets**	**Gates**	**Curb & Gutter**	**Curb**	**PCR**
0	0	0	CONCRETE CURB AND GUTTER	NO CURB	GOOD/90

* Lane miles are based on 11' lane widths



190 95 0 190 Feet

N

WHISKEYTOWN-SHASTA-TRINITY NATIONAL RECREATION AREA

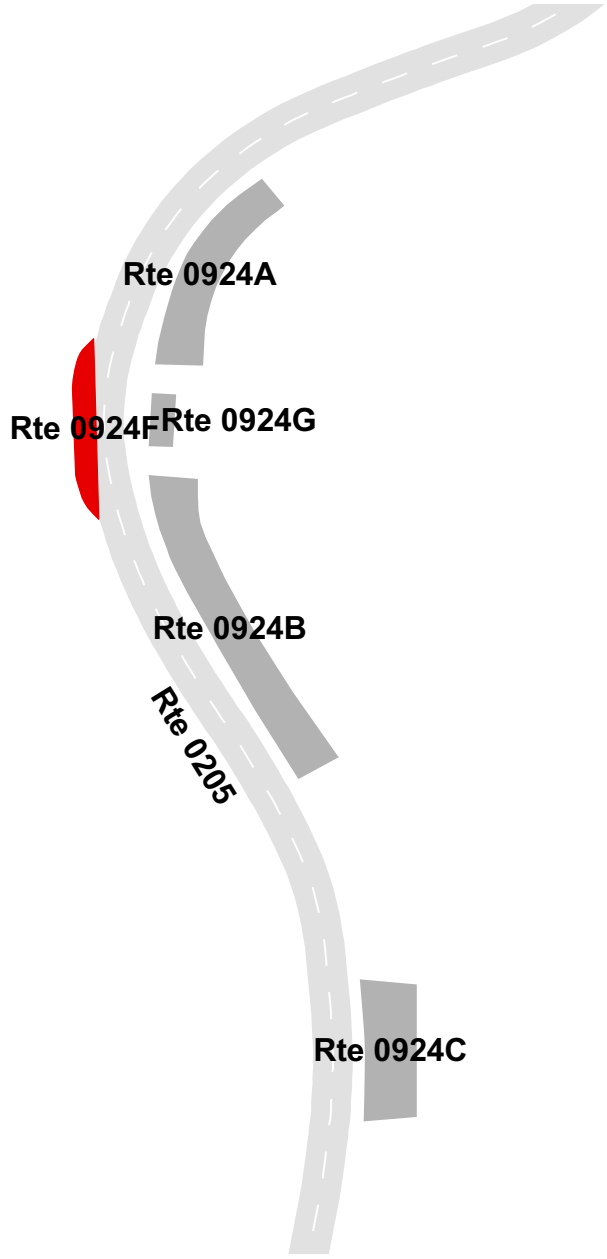
Route 0924F

BRANDY CREEK R.V. PARKING F

ADJACENT TO ROUTE 0205 (BRANDY CREEK MARINA R.V. CAMPGROUND) AT MP 0.15 (ON RIGHT)

Route Number	Public / NonPublic	Date Visited	Area (sq ft)	Lane Miles *	Surface Type
0924F	PUBLIC	6/16/2010	1,454	0.03	AS
Culverts	**Drop Inlets**	**Gates**	**Curb & Gutter**	**Curb**	**PCR**
0	0	0	CONCRETE CURB AND GUTTER	NO CURB	GOOD/90

* Lane miles are based on 11' lane widths



190 95 0 190 Feet

N

WHISKEYTOWN-SHASTA-TRINITY NATIONAL RECREATION AREA

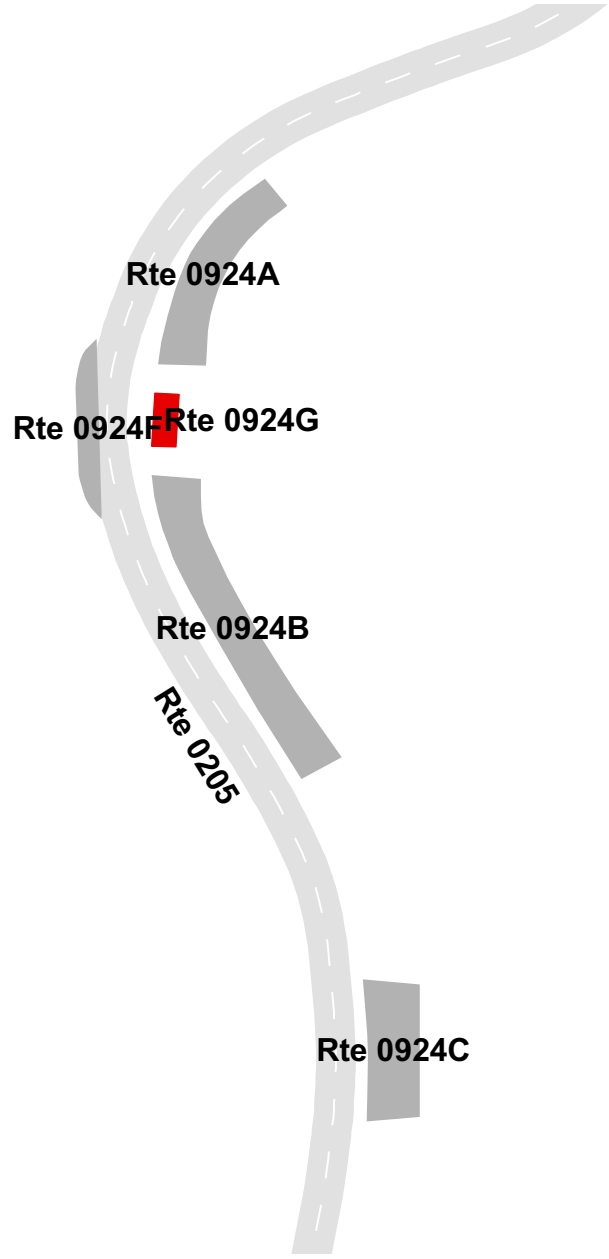
Route 0924G

BRANDY CREEK R.V. PARKING G

ADJACENT TO ROUTE 0205 (BRANDY CREEK MARINA R.V. CAMPGROUND) AT MP 0.15 (ON LEFT)

Route Number	Public / NonPublic	Date Visited	Area (sq ft)	Lane Miles *	Surface Type
0924G	PUBLIC	6/16/2010	559	0.01	AS
Culverts	**Drop Inlets**	**Gates**	**Curb & Gutter**	**Curb**	**PCR**
0	0	0	CONCRETE CURB AND GUTTER	NO CURB	GOOD/90

* Lane miles are based on 11' lane widths



WHISKEYTOWN-SHASTA-TRINITY NATIONAL RECREATION AREA

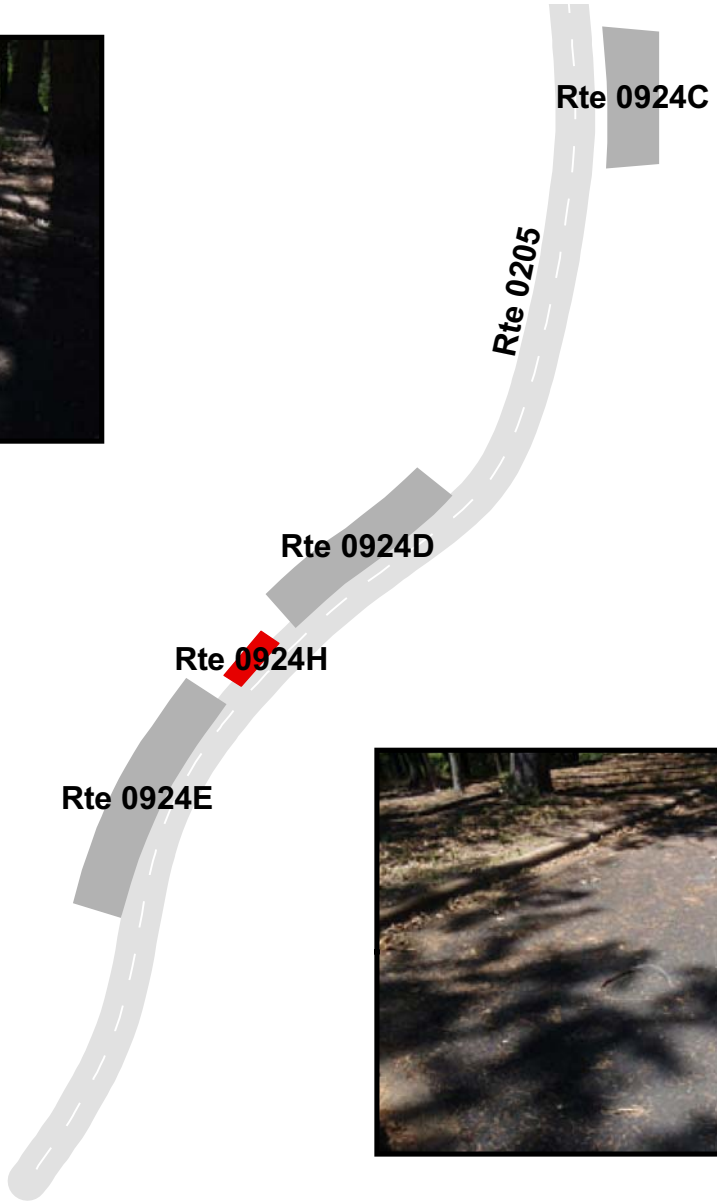
Route 0924H

BRANDY CREEK R.V. PARKING H

ADJACENT TO ROUTE 0205 (BRANDY CREEK MARINA R.V. CAMPGROUND) AT MP 0.34 (ON RIGHT)

Route Number	Public / NonPublic	Date Visited	Area (sq ft)	Lane Miles *	Surface Type
0924H	PUBLIC	6/16/2010	515	0.01	AS
Culverts	**Drop Inlets**	**Gates**	**Curb & Gutter**	**Curb**	**PCR**
0	0	0	CONCRETE CURB AND GUTTER	NO CURB	GOOD/90

* Lane miles are based on 11' lane widths



190 95 0 190 Feet

N

WHISKEYTOWN-SHASTA-TRINITY NATIONAL RECREATION AREA

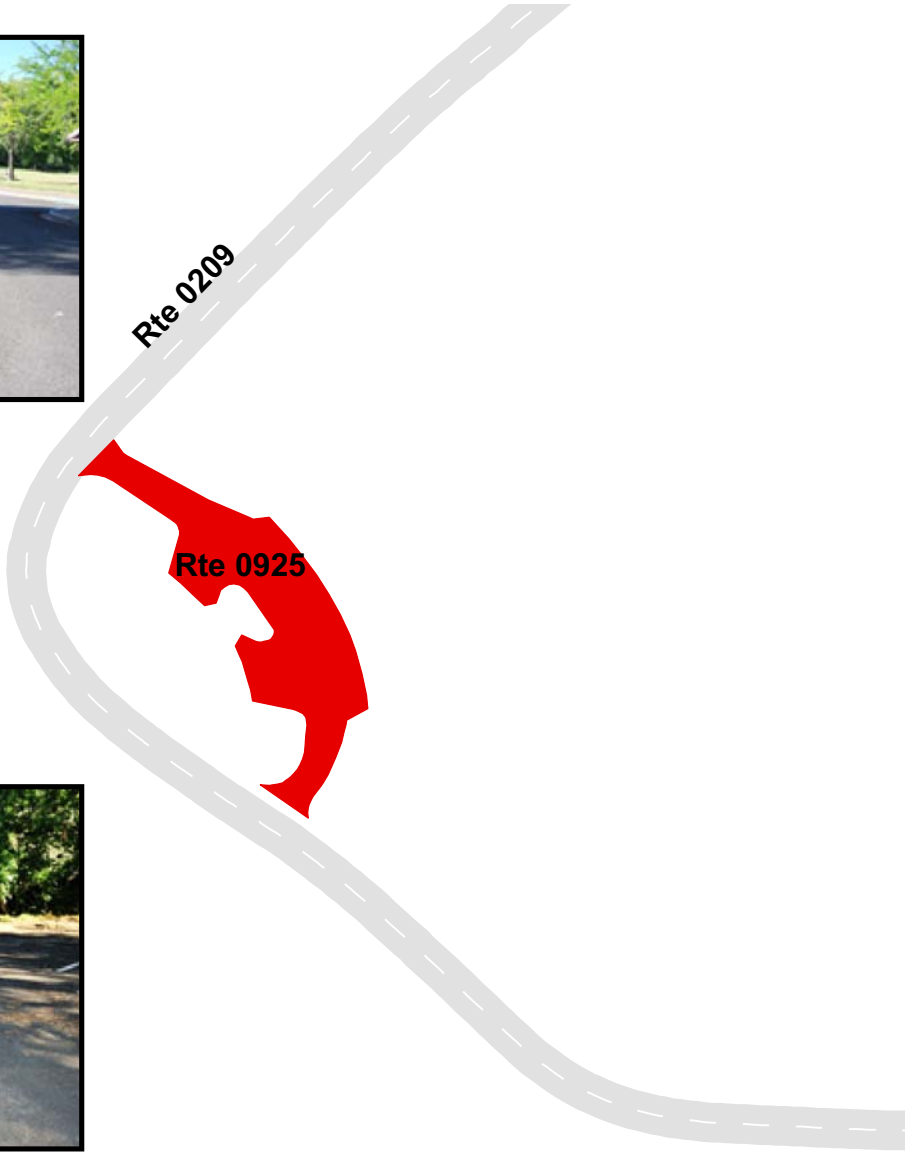
Route 0925

CARR PICNIC AREA PARKING

FROM ROUTE 0209 (CARR POWERHOUSE ROAD) AT MP 0.63 (ON LEFT)
TO ROUTE 0209 (CARR POWERHOUSE ROAD) AT MP 0.71 (ON LEFT)

Route Number	Public / NonPublic	Date Visited	Area (sq ft)	Lane Miles *	Surface Type
0925	PUBLIC	6/16/2010	21,128	0.36	AS
Culverts	**Drop Inlets**	**Gates**	**Curb & Gutter**	**Curb**	**PCR**
0	1	0	CONCRETE CURB AND GUTTER	CONCRETE CURB	GOOD/90

* Lane miles are based on 11' lane widths



250 125 0 250
Feet

N

WHISKEYTOWN-SHASTA-TRINITY NATIONAL RECREATION AREA

Route 0928

TOWER HOUSE HISTORIC DISTRICT PARKING

FROM STATE HIGHWAY 299 (EUREKA WAY)

TO PARKING

Route Number	Public / NonPublic	Date Visited	Area (sq ft)	Lane Miles *	Surface Type
0928	PUBLIC	6/16/2010	30,397	0.52	AS
Culverts	**Drop Inlets**	**Gates**	**Curb & Gutter**	**Curb**	**PCR**
0	0	1	CONCRETE CURB AND GUTTER	CONCRETE CURB	GOOD/90

* Lane miles are based on 11' lane widths

NOTE: No Condition Photos available.

WHISKEYTOWN-SHASTA-TRINITY NATIONAL RECREATION AREA

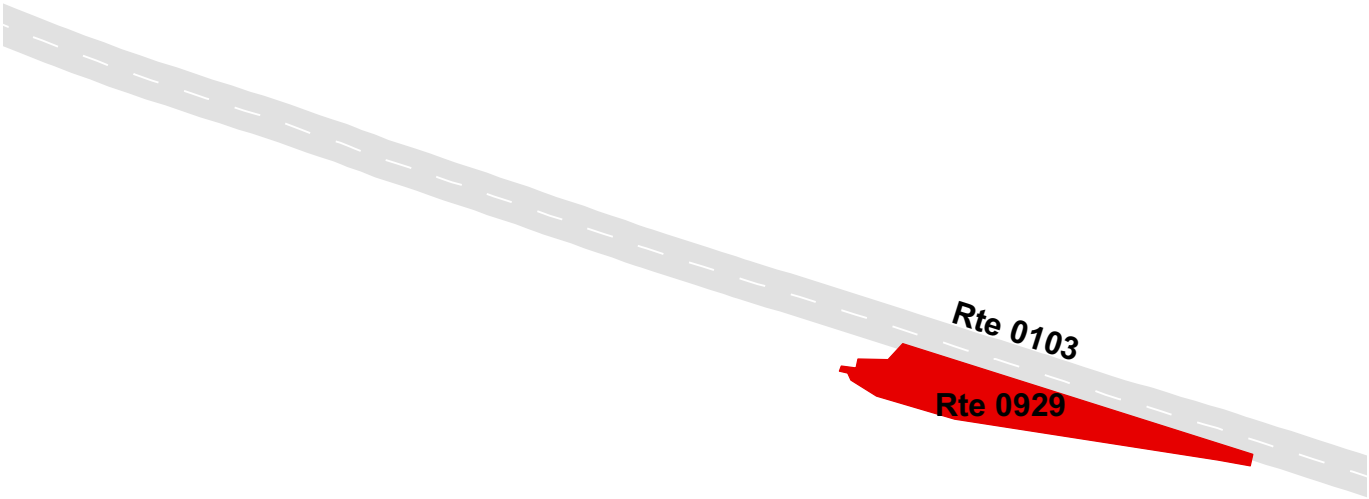
Route 0929

OAK BOTTOM WATER DITCH TRAIL PARKING

ADJACENT TO ROUTE 0103 (OAK BOTTOM BEACH ROAD) ON RIGHT

Route Number	Public / NonPublic	Date Visited	Area (sq ft)	Lane Miles *	Surface Type
0929	PUBLIC	6/16/2010	4,876	0.08	AS
Culverts	**Drop Inlets**	**Gates**	**Curb & Gutter**	**Curb**	**PCR**
0	0	0	NO CURB AND GUTTER	NO CURB	GOOD/90

* Lane miles are based on 11' lane widths



210 105 0 210 Feet

N

WHISKEYTOWN-SHASTA-TRINITY NATIONAL RECREATION AREA

Route 0930

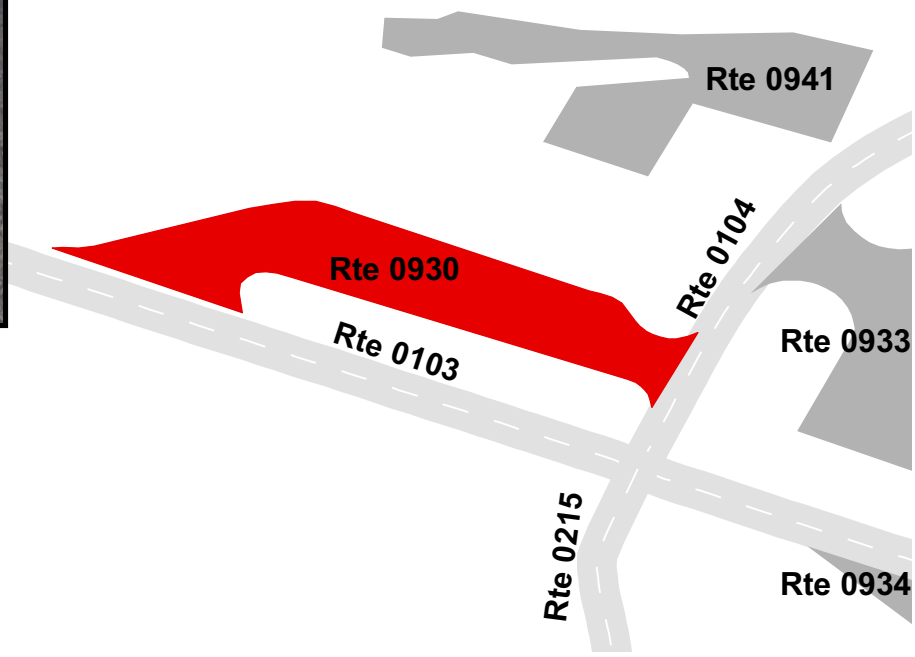
OAK BOTTOM CAMPGROUND STORE PARKING

FROM ROUTE 0103 (OAK BOTTOM BEACH ROAD) AT MP 0.23 (ON LEFT)

TO ROUTE 0104 (OAK BOTTOM MARINA ROAD) AT MP 0.01 (ON LEFT)

Route Number	Public / NonPublic	Date Visited	Area (sq ft)	Lane Miles *	Surface Type
0930	PUBLIC	6/16/2010	9,408	0.16	AS
Culverts	**Drop Inlets**	**Gates**	**Curb & Gutter**	**Curb**	**PCR**
0	0	0	CONCRETE CURB AND GUTTER	NO CURB	GOOD/90

* Lane miles are based on 11' lane widths



WHISKEYTOWN-SHASTA-TRINITY NATIONAL RECREATION AREA

Route 0931

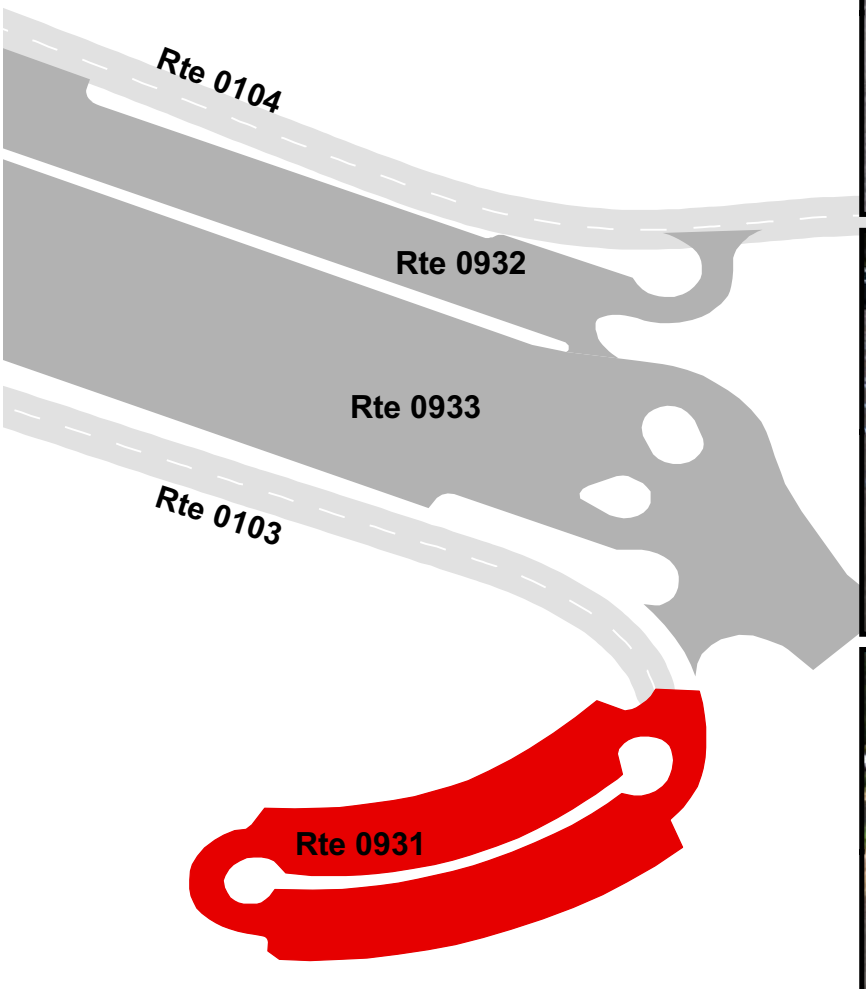
OAK BOTTOM BEACH PARKING

FROM END OF ROUTE 0103 (OAK BOTTOM BEACH ROAD) AT MP 0.45

TO PARKING

Route Number	Public / NonPublic	Date Visited	Area (sq ft)	Lane Miles *	Surface Type
0931	PUBLIC	6/16/2010	38,234	0.66	AS
Culverts	**Drop Inlets**	**Gates**	**Curb & Gutter**	**Curb**	**PCR**
0	0	0	CONCRETE CURB AND GUTTER	NO CURB	GOOD/90

* Lane miles are based on 11' lane widths



350 175 0 350 Feet

N

WHISKEYTOWN-SHASTA-TRINITY NATIONAL RECREATION AREA

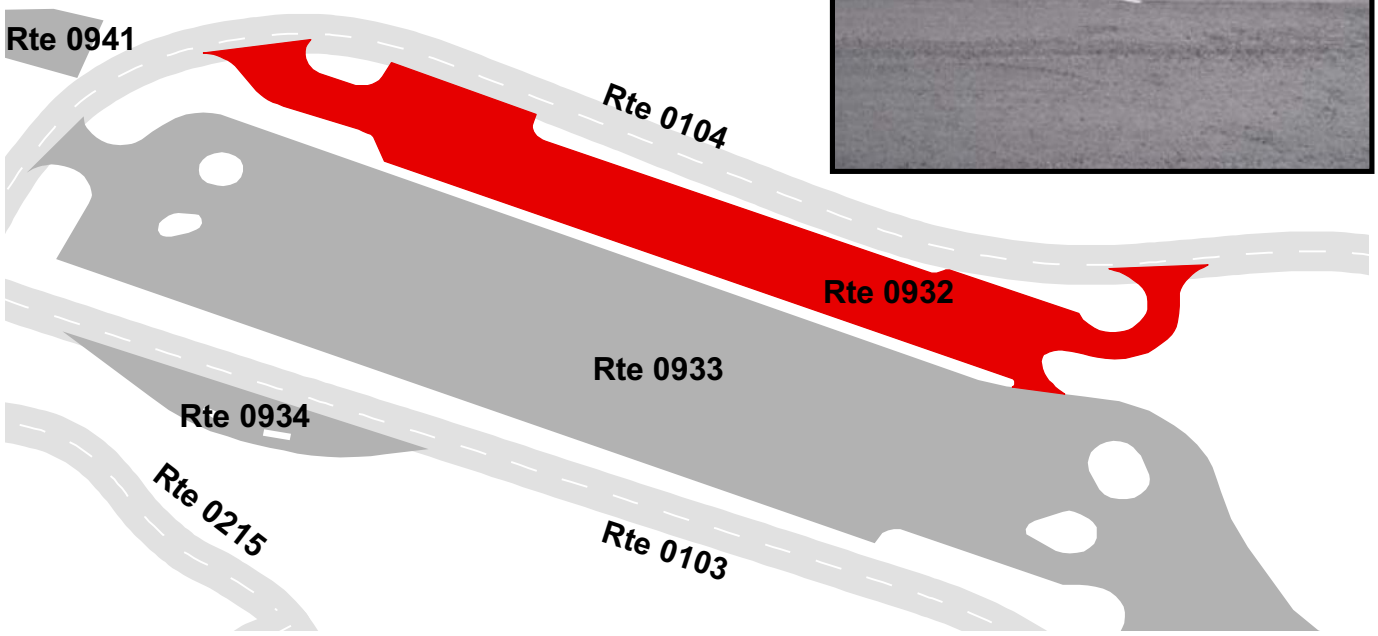
Route 0932

OAK BOTTOM R.V. CAMP PARKING

FROM ROUTE 0104 (OAK BOTTOM MARINA ROAD) AT MP 0.05 (ON RIGHT)
TO ROUTE 0104 (OAK BOTTOM MARINA ROAD) AT MP 0.18 (ON RIGHT)

Route Number	Public / NonPublic	Date Visited	Area (sq ft)	Lane Miles *	Surface Type
0932	PUBLIC	6/16/2010	39,291	0.68	AS
Culverts	**Drop Inlets**	**Gates**	**Curb & Gutter**	**Curb**	**PCR**
0	0	0	NO CURB AND GUTTER	CONCRETE CURB	GOOD/90

* Lane miles are based on 11' lane widths



350 175 0 350 Feet

N

WHISKEYTOWN-SHASTA-TRINITY NATIONAL RECREATION AREA

Route 0933

OAK BOTTOM LAUNCH RAMP

FROM ROUTE 0104 (OAK BOTTOM MARINA ROAD) AT MP 0.02 (ON RIGHT)
TO ROUTE 0103 (OAK BOTTOM BEACH ROAD) AT MP 0.44 (ON LEFT)

Route Number	Public / NonPublic	Date Visited	Area (sq ft)	Lane Miles *	Surface Type
0933	PUBLIC	6/16/2010	130,182	2.24	AS
Culverts	**Drop Inlets**	**Gates**	**Curb & Gutter**	**Curb**	**PCR**
0	0	0	NO CURB AND GUTTER	CONCRETE CURB	GOOD/90

* Lane miles are based on 11' lane widths

350 175 0 350 Feet

N

WHISKEYTOWN-SHASTA-TRINITY NATIONAL RECREATION AREA

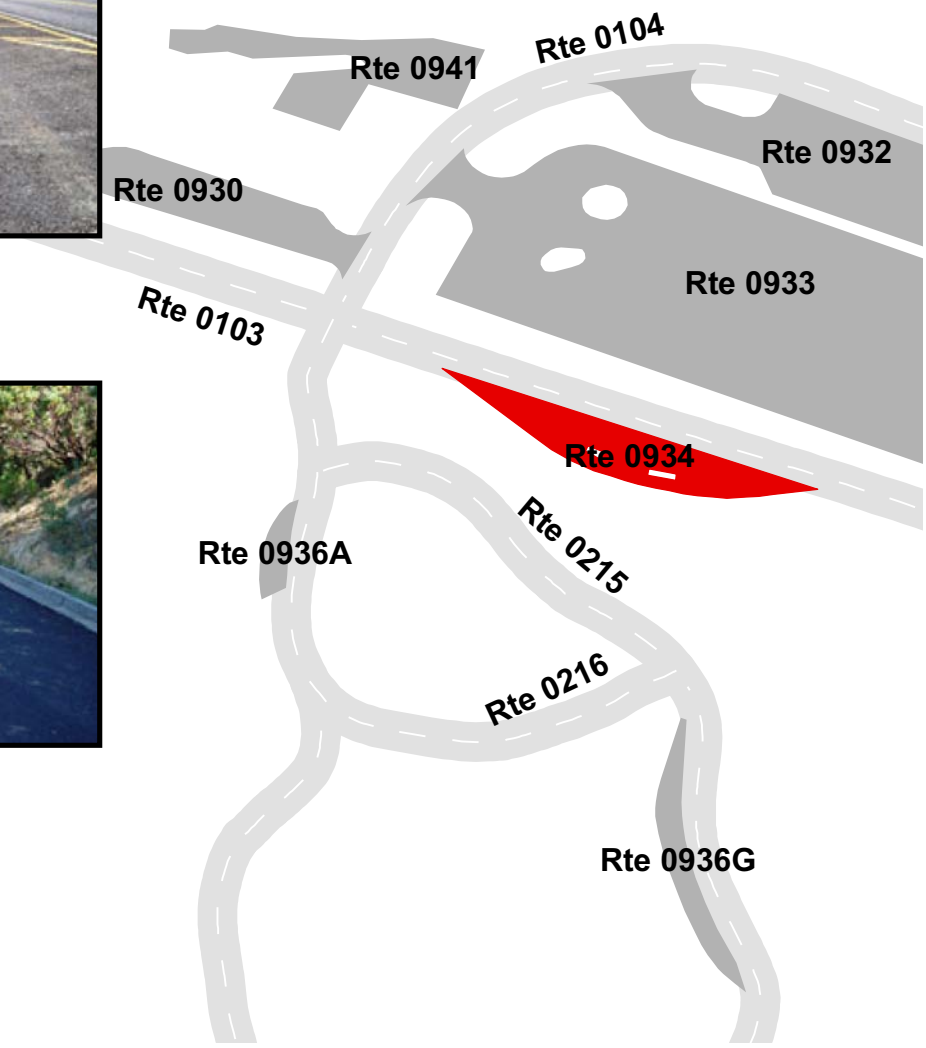
Route 0934

OAK BOTTOM R.V. DUMP STATION PARKING

ADJACENT TO ROUTE 0103 (OAK BOTTOM BEACH ROAD) AT MP 0.30 (ON RIGHT)

Route Number	Public / NonPublic	Date Visited	Area (sq ft)	Lane Miles *	Surface Type
0934	PUBLIC	6/16/2010	6,781	0.12	AS
Culverts	**Drop Inlets**	**Gates**	**Curb & Gutter**	**Curb**	**PCR**
0	0	0	CONCRETE CURB AND GUTTER	NO CURB	GOOD/90

* Lane miles are based on 11' lane widths



270 135 0 270 Feet

N

WHISKEYTOWN-SHASTA-TRINITY NATIONAL RECREATION AREA

Route 0935

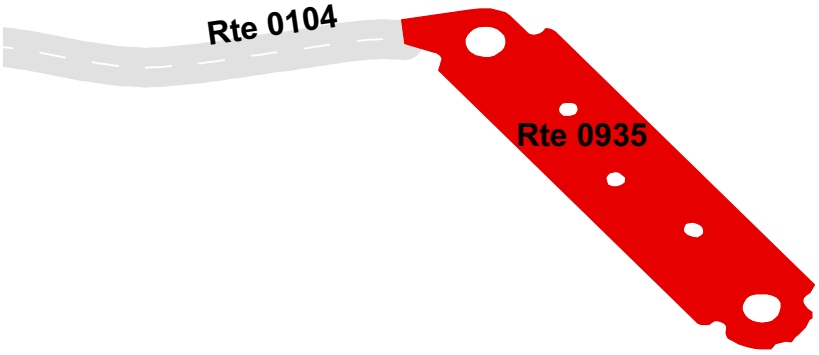
OAK BOTTOM MARINA PARKING

FROM END OF ROUTE 0104 (OAK BOTTOM MARINA ROAD) AT MP 0.28

TO PARKING

Route Number	Public / NonPublic	Date Visited	Area (sq ft)	Lane Miles *	Surface Type
0935	PUBLIC	6/16/2010	57,511	0.99	AS
Culverts	**Drop Inlets**	**Gates**	**Curb & Gutter**	**Curb**	**PCR**
0	2	0	CONCRETE CURB AND GUTTER	NO CURB	GOOD/90

* Lane miles are based on 11' lane widths



WHISKEYTOWN-SHASTA-TRINITY NATIONAL RECREATION AREA

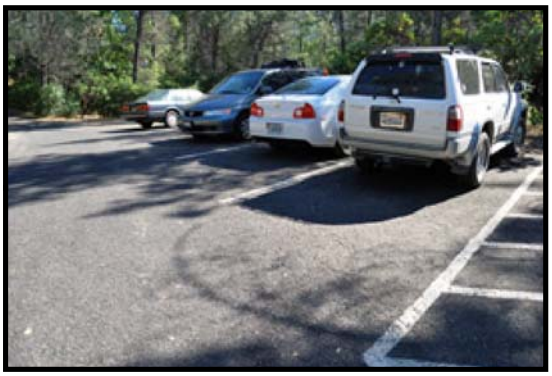
Route 0936A

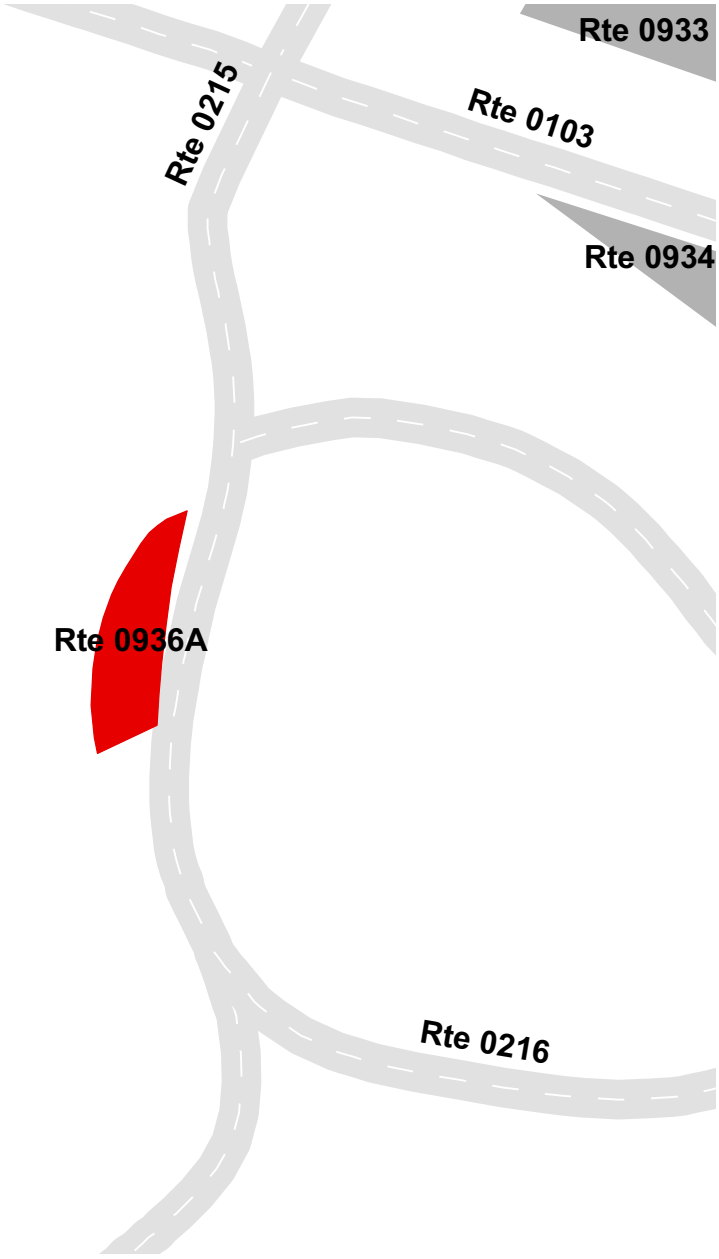
OAK BOTTOM CAMPGROUND PARKING A

ADJACENT TO ROUTE 0215 (OAK BOTTOM CAMPGROUND LOOP A) AT MP 0.04 (ON RIGHT)

Route Number	Public / NonPublic	Date Visited	Area (sq ft)	Lane Miles *	Surface Type
0936A	PUBLIC	6/16/2010	1,169	0.02	AS
Culverts	**Drop Inlets**	**Gates**	**Curb & Gutter**	**Curb**	**PCR**
0	0	0	NO CURB AND GUTTER	NO CURB	GOOD/90

* Lane miles are based on 11' lane widths





WHISKEYTOWN-SHASTA-TRINITY NATIONAL RECREATION AREA
Route 0936B
OAK BOTTOM CAMPGROUND PARKING B

ADJACENT TO ROUTE 0215 (OAK BOTTOM CAMPGROUND LOOP A) AT MP 0.17 (ON LEFT)

Route Number	Public / NonPublic	Date Visited	Area (sq ft)	Lane Miles *	Surface Type
0936B	PUBLIC	6/16/2010	2,473	0.04	AS
Culverts	**Drop Inlets**	**Gates**	**Curb & Gutter**	**Curb**	**PCR**
0	0	0	NO CURB AND GUTTER	NO CURB	GOOD/90

* Lane miles are based on 11' lane widths

230 115 0 230 Feet

N

WHISKEYTOWN-SHASTA-TRINITY NATIONAL RECREATION AREA

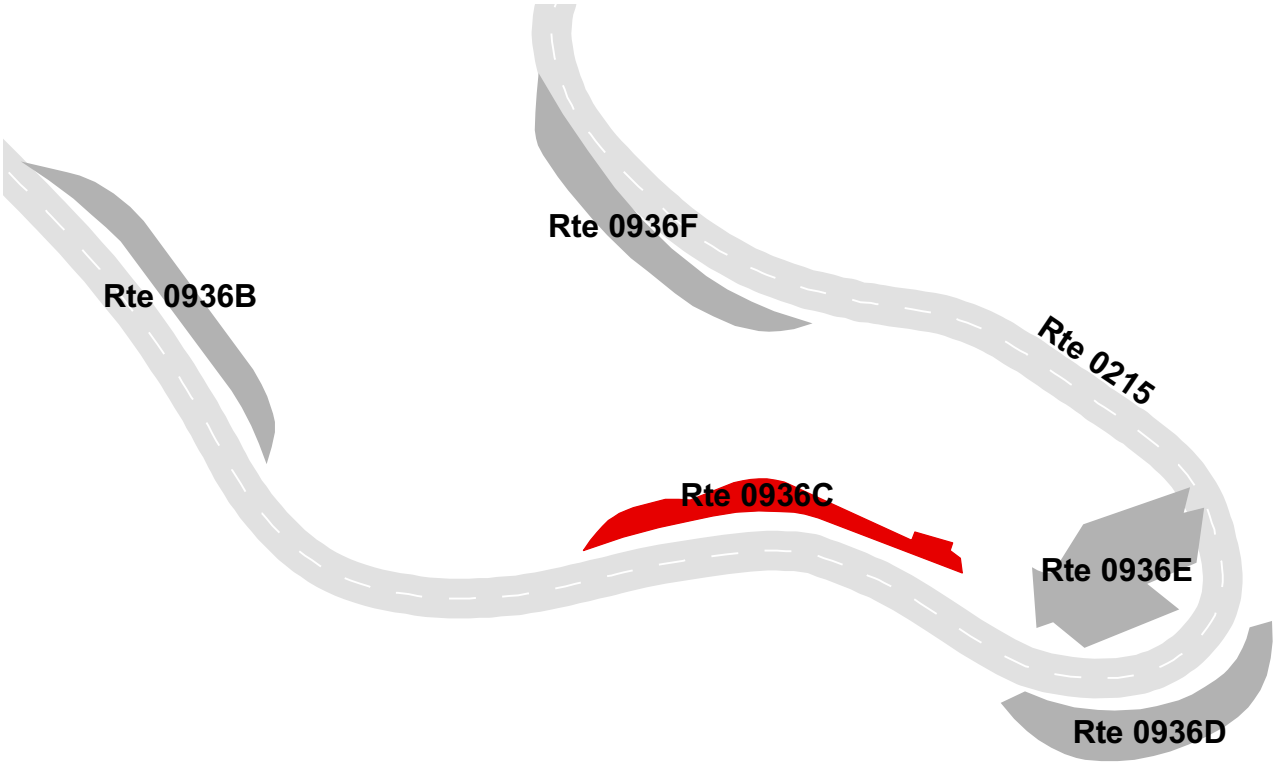
Route 0936C

OAK BOTTOM CAMPGROUND PARKING C

ADJACENT TO ROUTE 0215 (OAK BOTTOM CAMPGROUND LOOP A) AT MP 0.24 (ON LEFT)

Route Number	Public / NonPublic	Date Visited	Area (sq ft)	Lane Miles *	Surface Type
0936C	PUBLIC	6/16/2010	2,054	0.04	AS
Culverts	**Drop Inlets**	**Gates**	**Curb & Gutter**	**Curb**	**PCR**
0	0	0	NO CURB AND GUTTER	NO CURB	GOOD/90

* Lane miles are based on 11' lane widths



240 120 0 240

Feet

N

WHISKEYTOWN-SHASTA-TRINITY NATIONAL RECREATION AREA

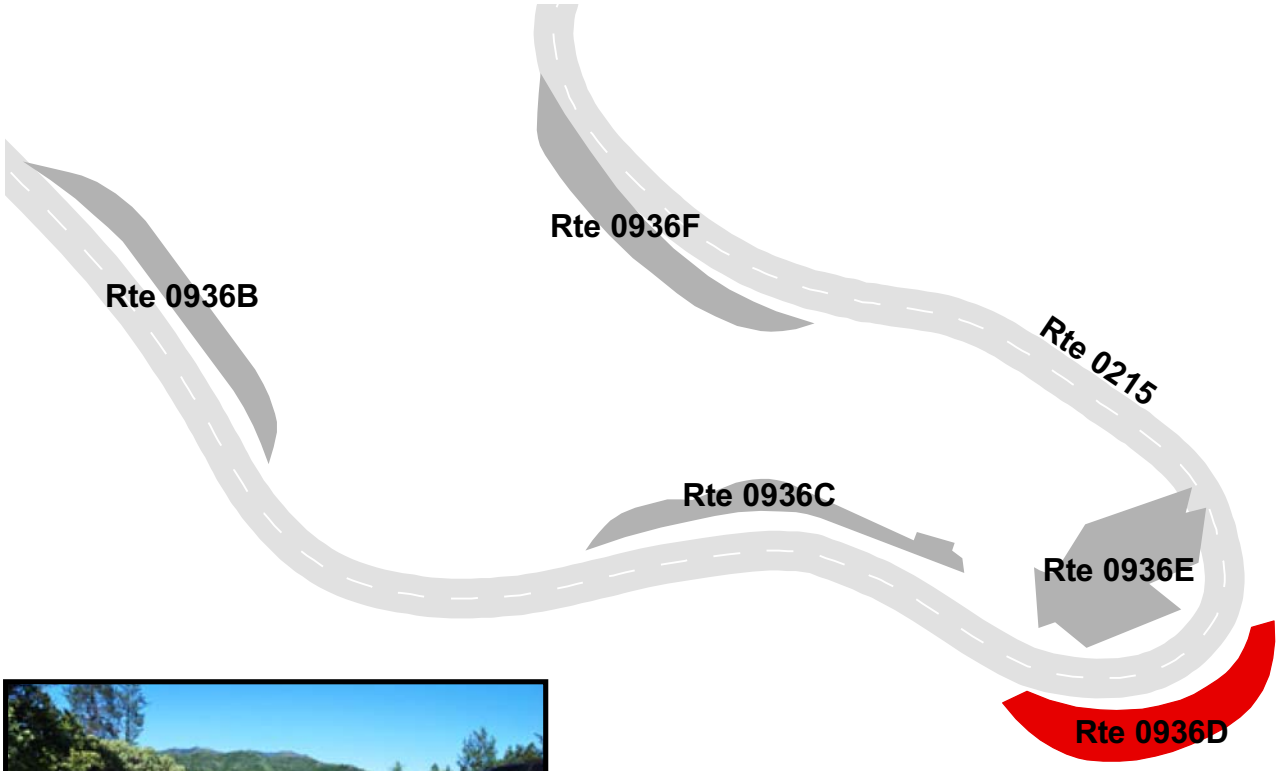
Route 0936D

OAK BOTTOM CAMPGROUND PARKING D

ADJACENT TO ROUTE 0215 (OAK BOTTOM CAMPGROUND LOOP A) AT MP 0.28 (ON RIGHT)

Route Number	Public / NonPublic	Date Visited	Area (sq ft)	Lane Miles *	Surface Type
0936D	PUBLIC	6/16/2010	3,178	0.06	AS
Culverts	**Drop Inlets**	**Gates**	**Curb & Gutter**	**Curb**	**PCR**
0	0	0	NO CURB AND GUTTER	NO CURB	GOOD/90

* Lane miles are based on 11' lane widths



230 115 0 230

Feet

N

WHISKEYTOWN-SHASTA-TRINITY NATIONAL RECREATION AREA

Route 0936E

OAK BOTTOM CAMPGROUND PARKING E

FROM ROUTE 0215 (OAK BOTTOM CAMPGROUND LOOP A) AT MP 0.26 (ON LEFT)
TO ROUTE 0215 (OAK BOTTOM CAMPGROUND LOOP A) AT MP 0.29 (ON LEFT)

Route Number	Public / NonPublic	Date Visited	Area (sq ft)	Lane Miles *	Surface Type
0936E	PUBLIC	6/16/2010	3,838	0.07	AS
Culverts	**Drop Inlets**	**Gates**	**Curb & Gutter**	**Curb**	**PCR**
0	0	0	NO CURB AND GUTTER	NO CURB	GOOD/90

* Lane miles are based on 11' lane widths

230 115 0 230
Feet

N

WHISKEYTOWN-SHASTA-TRINITY NATIONAL RECREATION AREA

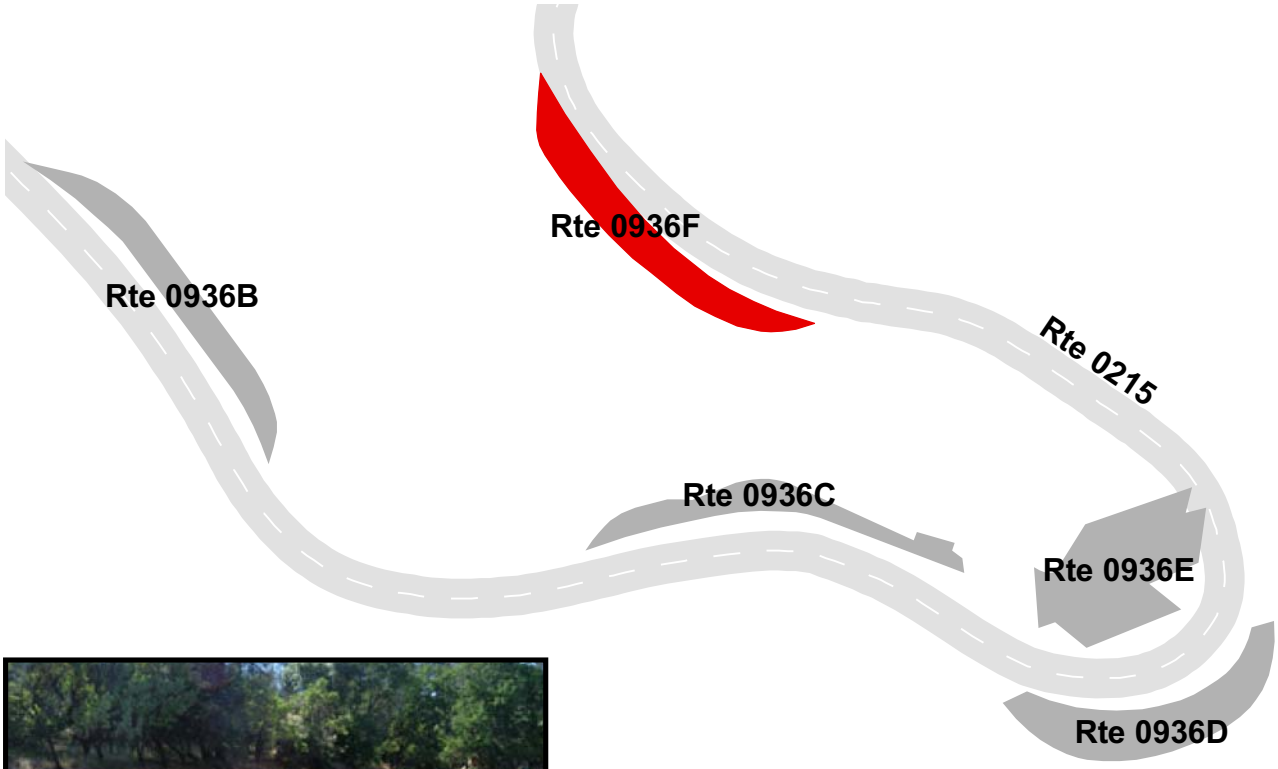
Route 0936F

OAK BOTTOM CAMPGROUND PARKING F

ADJACENT TO ROUTE 0215 (OAK BOTTOM CAMPGROUND LOOP A) AT MP 0.35 (ON LEFT)

Route Number	Public / NonPublic	Date Visited	Area (sq ft)	Lane Miles *	Surface Type
0936F	PUBLIC	6/16/2010	2,837	0.05	AS
Culverts	**Drop Inlets**	**Gates**	**Curb & Gutter**	**Curb**	**PCR**
0	0	0	NO CURB AND GUTTER	NO CURB	GOOD/90

* Lane miles are based on 11' lane widths



230 115 0 230

Feet

N

WHISKEYTOWN-SHASTA-TRINITY NATIONAL RECREATION AREA
Route 0936G

OAK BOTTOM CAMPGROUND PARKING G

ADJACENT TO ROUTE 0215 (OAK BOTTOM CAMPGROUND LOOP A) AT MP 0.42 (ON LEFT)

Route Number	Public / NonPublic	Date Visited	Area (sq ft)	Lane Miles *	Surface Type
0936G	PUBLIC	6/16/2010	3,112	0.05	AS
Culverts	**Drop Inlets**	**Gates**	**Curb & Gutter**	**Curb**	**PCR**
0	0	0	NO CURB AND GUTTER	NO CURB	GOOD/90

* Lane miles are based on 11' lane widths

240 120 0 240 Feet

N

WHISKEYTOWN-SHASTA-TRINITY NATIONAL RECREATION AREA

Route 0937

WHISKEY CREEK BOAT LAUNCH PARKING

FROM ROUTE 5000 (WHISKEY CREEK ROAD)

TO PARKING

Route Number	Public / NonPublic	Date Visited	Area (sq ft)	Lane Miles *	Surface Type
0937	PUBLIC	6/16/2010	66,364	1.14	AS
Culverts	**Drop Inlets**	**Gates**	**Curb & Gutter**	**Curb**	**PCR**
0	0	1	CONCRETE CURB AND GUTTER	NO CURB	GOOD/90

* Lane miles are based on 11' lane widths

590 295 0 590 Feet

N

WHISKEYTOWN-SHASTA-TRINITY NATIONAL RECREATION AREA

Route 0940

GRIZZLY GULCH WATER TANK ACCESS PARKING

FROM ROUTE 0414 (GRIZZLY GULCH WATER TANK ACCESS ROAD) AT MP 0.06

TO PARKING

Route Number	Public / NonPublic	Date Visited	Area (sq ft)	Lane Miles *	Surface Type
0940	NONPUBLIC	6/16/2010	448	0.01	AS
Culverts	**Drop Inlets**	**Gates**	**Curb & Gutter**	**Curb**	**PCR**
0	0	0	NO CURB AND GUTTER	NO CURB	POOR/45

* Lane miles are based on 11' lane widths

WHISKEYTOWN-SHASTA-TRINITY NATIONAL RECREATION AREA

Route 0941

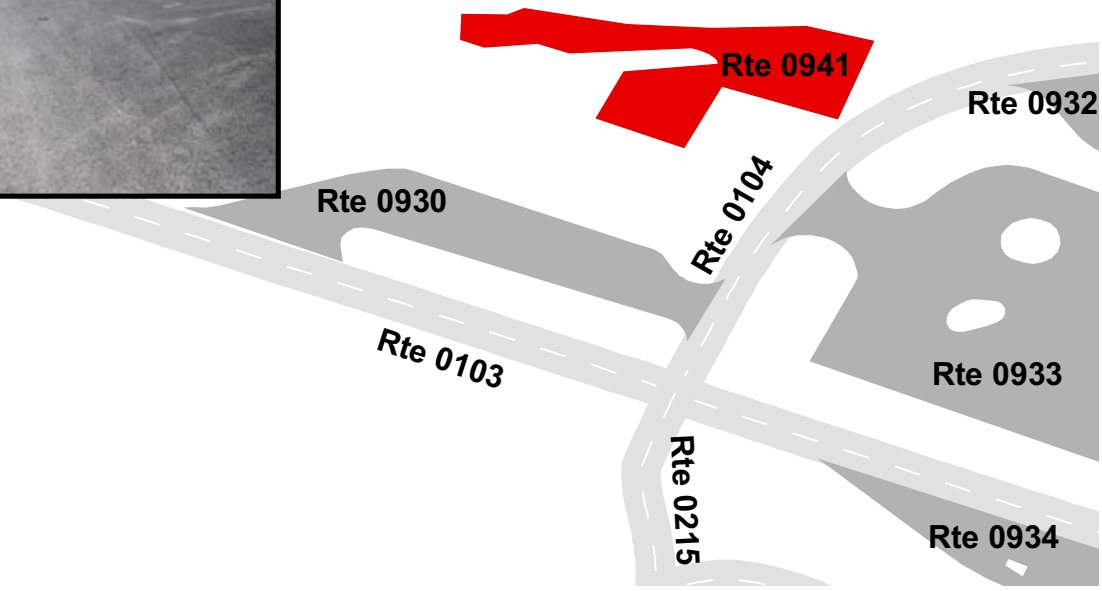
OAK BOTTOM FIRE CACHE PARKING

FROM ROUTE 0104 (OAK BOTTOM MARINA ROAD) AT MP 0.03 (ON LEFT)

TO PARKING

Route Number	Public / NonPublic	Date Visited	Area (sq ft)	Lane Miles *	Surface Type
0941	NONPUBLIC	6/16/2010	7,741	0.13	AS
Culverts	**Drop Inlets**	**Gates**	**Curb & Gutter**	**Curb**	**PCR**
0	0	0	CONCRETE CURB AND GUTTER	NO CURB	GOOD/90

* Lane miles are based on 11' lane widths



WHISKEYTOWN-SHASTA-TRINITY NATIONAL RECREATION AREA

Route 0943

MILL CREEK TRAILHEAD PARKING

ADJACENT TO ROUTE 0221 (CRYSTAL CREEK CAMP ACCESS ROAD)

Route Number	Public / NonPublic	Date Visited	Area (sq ft)	Lane Miles *	Surface Type
0943	PUBLIC	6/16/2010	4,284	0.07	AS
Culverts	**Drop Inlets**	**Gates**	**Curb & Gutter**	**Curb**	**PCR**
0	0	0	NO CURB AND GUTTER	NO CURB	GOOD/90

* Lane miles are based on 11' lane widths

190 95 0 190 Feet

N

7-50

WHISKEYTOWN-SHASTA-TRINITY NATIONAL RECREATION AREA

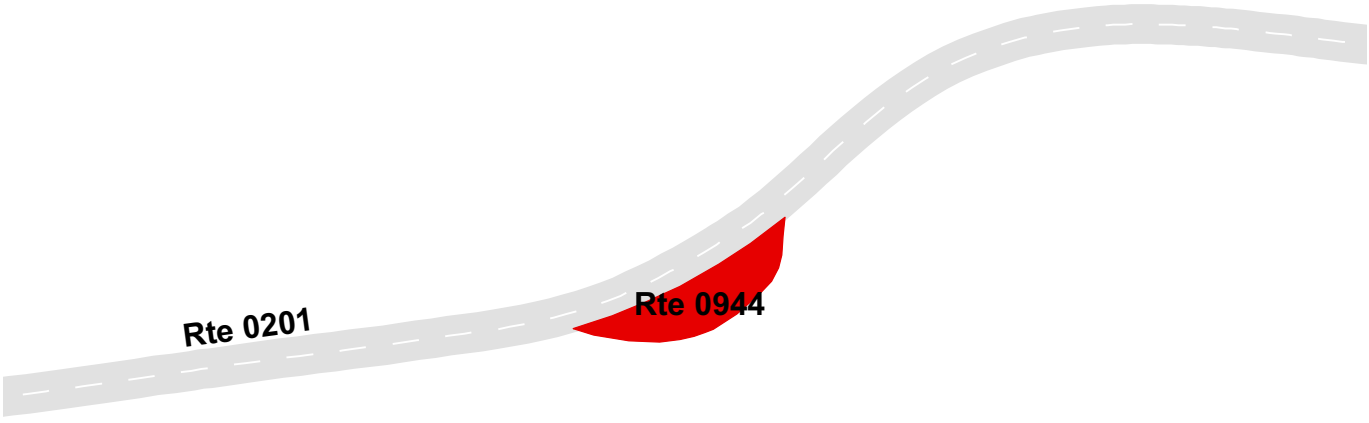
Route 0944

GUARDIAN ROCK TRAILHEAD PARKING

ADJACENT TO ROUTE 0201 (N.E.E.D. CAMP ROAD) AT MP 0.06 (ON LEFT)

Route Number	Public / NonPublic	Date Visited	Area (sq ft)	Lane Miles *	Surface Type
0944	PUBLIC	6/16/2010	1,689	0.03	AS
Culverts	**Drop Inlets**	**Gates**	**Curb & Gutter**	**Curb**	**PCR**
0	0	0	NO CURB AND GUTTER	CONCRETE CURB	GOOD/90

* Lane miles are based on 11' lane widths



WHISKEYTOWN-SHASTA-TRINITY NATIONAL RECREATION AREA

Route 0946

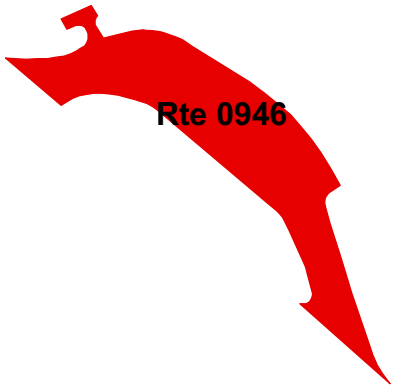
ENTRANCE TO WHISKEYTOWN PARKING

FROM STATE HIGHWAY 299 (EUREKA WAY)

TO STATE HIGHWAY 299 (EUREKA WAY)

Route Number	Public / NonPublic	Date Visited	Area (sq ft)	Lane Miles *	Surface Type
0946	PUBLIC	6/16/2010	6,288	0.11	AS
Culverts	**Drop Inlets**	**Gates**	**Curb & Gutter**	**Curb**	**PCR**
0	0	0	NO CURB AND GUTTER	ASPHALT CURB	EXCELLENT/97

* Lane miles are based on 11' lane widths



200 100 0 200

Feet

N

Section 8
Parkwide/Route
Maintenance Features Summaries

Whiskeytown-Shasta-Trinity
National Recreation Area

Federal Lands Highway
Road Inventory Program

WHIS: PARKWIDE MAINTENANCE FEATURES SUMMARY

Notice: Culverts and drop inlets were marked by NPS and inventoried by RIP in Cycle 5 on all DCV driven routes. Culverts, drop inlets, and gates were also collected on all Manually Rated Routes and Paved Parking areas. Those totals are reflected below.

FEATURE	LINEAR FEET	COUNT
BRIDGE	--	3
CATTLE GUARD	--	0
CULVERT	--	94
CURB	9,037	--
DROP INLET	--	11
GATE	--	23
GUARD/GUIDE RAIL	2,392	--
CABLE	344	--
NON-CABLE	2,048	--
GUARD/GUIDE WALL	169	--
BOLLARD	169	--
TEMPORARY BARRIER	0	--
NON TEMP/BOLLARD	0	--
INTERSECTION	--	178
LOW WATER CROSSING	0	0
MILE MARKER	--	0
OVERPASS	--	0
PARK BOUNDARY	--	0
PAVED DITCH	3,790	--
PULLOUT	48	1
RAILROAD CROSSING	--	0
RETAINING WALL	26	1
SIGN	--	167
STATE BOUNDARY	--	0
TRAFFIC LIGHT	--	0
TUNNEL	0	0

WHIS: DCV ROUTE MAINTENANCE FEATURES SUMMARY

FEATURE	ROUTE 0010 SOUTH SHORE DRIVE EAST	ROUTE 0100 BRANDY CREEK BEACH ROAD	ROUTE 0101 BRANDY CREEK MARINA ROAD	ROUTE 0103 OAK BOTTOM BEACH ROAD	ROUTE 0104 OAK BOTTOM MARINA ROAD	ROUTE 0105 TOWER HOUSE FOOTBRIDGE ACCESS ROAD	UNIT
BRIDGE	0	0	0	0	0	0	EACH
CATTLE GUARD	0	0	0	0	0	0	EACH
CULVERT	9	6	6	4	0	0	EACH
CURB	3,119	0	1,330	1,632	196	0	LINEAR FEET
DROP INLET	0	1	1	0	1	0	EACH
GATE	0	1	0	0	1	1	EACH
GUARD/GUIDE RAIL	0	0	496	0	0	0	LINEAR FEET
CABLE	0	0	0	0	0	0	LINEAR FEET
NON-CABLE	0	0	496	0	0	0	LINEAR FEET
GUARD/GUIDE WALL	0	0	0	0	21	0	LINEAR FEET
BOLLARD	0	0	0	0	21	0	LINEAR FEET
TEMPORARY BARRIER	0	0	0	0	0	0	LINEAR FEET
NON TEMP/BOLLARD	0	0	0	0	0	0	LINEAR FEET
INTERSECTION	4	7	10	11	8	4	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
OVERPASS	0	0	0	0	0	0	EACH
PARK BOUNDARY	0	0	0	0	0	0	EACH
PAVED DITCH	2,117	0	1,314	0	0	0	LINEAR FEET
PULLOUT	0	0	0	0	0	1	EACH
PULLOUT	0	0	0	0	0	48	LINEAR FEET
RAILROAD CROSSING	0	0	0	0	0	0	EACH
RETAINING WALL	0	0	0	0	0	0	EACH
RETAINING WALL	0	0	0	0	0	0	LINEAR FEET
SIGN	16	17	7	17	12	2	EACH
STATE BOUNDARY	0	0	0	0	0	0	EACH
TRAFFIC LIGHT	0	0	0	0	0	0	EACH
TUNNEL	0	0	0	0	0	0	EACH
TUNNEL	0	0	0	0	0	0	LINEAR FEET

Notice: Culverts and drop inlets were marked by NPS and inventoried by RIP in Cycle 5.

WHIS: DCV ROUTE MAINTENANCE FEATURES SUMMARY

FEATURE	ROUTE 0201 N.E.E.D. CAMP ROAD	ROUTE 0205 BRANDY CREEK MARINA R.V. CAMPGROUND	ROUTE 0206 DRY CREEK CAMPGROUND	ROUTE 0209 CARR POWERHOUSE ROAD	ROUTE 0211 CARR LAKE ACCESS ROAD	ROUTE 0215 OAK BOTTOM CAMPGROUND LOOP A	UNIT
BRIDGE	1	0	0	1	0	0	EACH
CATTLE GUARD	0	0	0	0	0	0	EACH
CULVERT	1	0	1	11	5	1	EACH
CURB	844	528	0	944	0	0	LINEAR FEET
DROP INLET	0	0	0	0	0	0	EACH
GATE	1	1	1	1	0	0	EACH
GUARD/GUIDE RAIL	586	0	0	390	0	0	LINEAR FEET
CABLE	0	0	0	0	0	0	LINEAR FEET
NON-CABLE	586	0	0	390	0	0	LINEAR FEET
GUARD/GUIDE WALL	0	0	0	0	0	0	LINEAR FEET
BOLLARD	0	0	0	0	0	0	LINEAR FEET
TEMPORARY BARRIER	0	0	0	0	0	0	LINEAR FEET
NON TEMP/BOLLARD	0	0	0	0	0	0	LINEAR FEET
INTERSECTION	8	11	5	15	7	17	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
OVERPASS	0	0	0	0	0	0	EACH
PARK BOUNDARY	0	0	0	0	0	0	EACH
PAVED DITCH	0	359	0	0	0	0	LINEAR FEET
PULLOUT	0	0	0	0	0	0	EACH
PULLOUT	0	0	0	0	0	0	LINEAR FEET
RAILROAD CROSSING	0	0	0	0	0	0	EACH
RETAINING WALL	0	0	0	0	0	0	EACH
RETAINING WALL	0	0	0	0	0	0	LINEAR FEET
SIGN	19	8	4	16	3	12	EACH
STATE BOUNDARY	0	0	0	0	0	0	EACH
TRAFFIC LIGHT	0	0	0	0	0	0	EACH
TUNNEL	0	0	0	0	0	0	EACH
TUNNEL	0	0	0	0	0	0	LINEAR FEET

Notice: Culverts and drop inlets were marked by NPS and inventoried by RIP in Cycle 5.

WHIS: DCV ROUTE MAINTENANCE FEATURES SUMMARY

FEATURE	ROUTE 0216 OAK BOTTOM CAMPGROUND LOOP B	ROUTE 0220 WHISKEY CREEK GROUP PICNIC ROAD	ROUTE 0221 CRYSTAL CREEK CAMP ACCESS ROAD	ROUTE 0400 HEADQUARTERS ROAD	ROUTE 0401 N.E.E.D. CAMP RESIDENCE ROAD	ROUTE 0404 BRANDY CREEK SERVICE ROAD SOUTH	UNIT
BRIDGE	0	0	0	0	1	0	EACH
CATTLE GUARD	0	0	0	0	0	0	EACH
CULVERT	0	10	21	0	0	2	EACH
CURB	0	79	0	127	0	0	LINEAR FEET
DROP INLET	0	0	0	1	0	0	EACH
GATE	0	1	1	3	0	1	EACH
GUARD/GUIDE RAIL	0	84	720	0	116	0	LINEAR FEET
CABLE	0	0	344	0	0	0	LINEAR FEET
NON-CABLE	0	84	376	0	116	0	LINEAR FEET
GUARD/GUIDE WALL	0	0	148	0	0	0	LINEAR FEET
BOLLARD	0	0	148	0	0	0	LINEAR FEET
TEMPORARY BARRIER	0	0	0	0	0	0	LINEAR FEET
NON TEMP/BOLLARD	0	0	0	0	0	0	LINEAR FEET
INTERSECTION	4	10	7	14	3	5	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
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
PULLOUT	0	0	0	0	0	0	LINEAR FEET
RAILROAD CROSSING	0	0	0	0	0	0	EACH
RETAINING WALL	0	0	0	1	0	0	EACH
RETAINING WALL	0	0	0	26	0	0	LINEAR FEET
SIGN	0	13	4	3	2	1	EACH
STATE BOUNDARY	0	0	0	0	0	0	EACH
TRAFFIC LIGHT	0	0	0	0	0	0	EACH
TUNNEL	0	0	0	0	0	0	EACH
TUNNEL	0	0	0	0	0	0	LINEAR FEET

Notice: Culverts and drop inlets were marked by NPS and inventoried by RIP in Cycle 5.

WHIS: DCV ROUTE MAINTENANCE FEATURES SUMMARY

FEATURE	ROUTE 0405 CARR POWERHOUSE SERVICE ROAD	ROUTE 0406 QUARTERS 324 ROAD	ROUTE 0407 GRIZZLY GULCH ROAD	ROUTE 0411 BULL GULCH SERVICE ROAD	ROUTE 0414 GRIZZLY GULCH WATER TANK ACCESS ROAD	ROUTE 0415 GOVERNMENT BOAT LAUNCH LOOP	UNIT
BRIDGE	0	0	0	0	0	0	EACH
CATTLE GUARD	0	0	0	0	0	0	EACH
CULVERT	3	2	4	6	1	1	EACH
CURB	0	132	0	0	0	106	LINEAR FEET
DROP INLET	0	0	0	0	0	0	EACH
GATE	0	1	0	1	1	0	EACH
GUARD/GUIDE RAIL	0	0	0	0	0	0	LINEAR FEET
CABLE	0	0	0	0	0	0	LINEAR FEET
NON-CABLE	0	0	0	0	0	0	LINEAR FEET
GUARD/GUIDE WALL	0	0	0	0	0	0	LINEAR FEET
BOLLARD	0	0	0	0	0	0	LINEAR FEET
TEMPORARY BARRIER	0	0	0	0	0	0	LINEAR FEET
NON TEMP/BOLLARD	0	0	0	0	0	0	LINEAR FEET
INTERSECTION	4	5	6	3	6	4	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
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
PULLOUT	0	0	0	0	0	0	LINEAR FEET
RAILROAD CROSSING	0	0	0	0	0	0	EACH
RETAINING WALL	0	0	0	0	0	0	EACH
RETAINING WALL	0	0	0	0	0	0	LINEAR FEET
SIGN	1	4	3	2	1	0	EACH
STATE BOUNDARY	0	0	0	0	0	0	EACH
TRAFFIC LIGHT	0	0	0	0	0	0	EACH
TUNNEL	0	0	0	0	0	0	EACH
TUNNEL	0	0	0	0	0	0	LINEAR FEET

Notice: Culverts and drop inlets were marked by NPS and inventoried by RIP in Cycle 5.

WHIS: STRUCTURE LIST

ROUTE NUMBER	FUNCTIONAL CLASS	MILEPOST START	MILEPOST END	FEATURE	STRUCTURE NUMBER
0201	3	0.075	0.125	BRIDGE	8750-001
0401	5	0.092	0.098	BRIDGE	8750-007

Section 9
Route Maintenance Features
Road Logs

Whiskeytown-Shasta-Trinity
National Recreation Area

Federal Lands Highway
Road Inventory Program

WHIS: ROUTE MAINTENANCE FEATURES ROAD LOG

ROUTE 0010: SOUTH SHORE DRIVE EAST

Notice: Culverts and drop inlets were marked by NPS and inventoried by RIP in Cycle 5 on all paved routes.

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.000	0.000	ROUTE BEGIN	N/A	FROM END OF ROUTE 5010 (KENNEDY MEMORIAL DRIVE)
0.000	0.000	SIGN	LEFT	WARNING, GRAPHIC SIGN NO TEXT
0.000	0.026	CURB	RIGHT	N/A
0.000	0.000	INTERSECTION	N/A	ROUTE 5010 (KENNEDY MEMORIAL DRIVE)
0.003	0.003	SIGN	LEFT	WARNING, GRAPHIC SIGN NO TEXT
0.004	0.004	SIGN	LEFT	REGULATORY, WEIGHT LIMIT 22T 27T 43T
0.026	0.063	PAVED DITCH	RIGHT	N/A
0.032	0.032	SIGN	RIGHT	REGULATORY, SPEED LIMIT 35
0.063	0.111	CURB	RIGHT	N/A
0.077	0.077	SIGN	LEFT	WARNING, UNABLE TO READ FROM VIDEO
0.143	0.213	PAVED DITCH	RIGHT	N/A
0.213	0.249	CURB	RIGHT	N/A
0.230	0.230	CULVERT	N/A	N/A
0.263	0.287	PAVED DITCH	LEFT	N/A
0.287	0.306	CURB	LEFT	N/A
0.288	0.288	CULVERT	N/A	N/A
0.340	0.395	CURB	RIGHT	N/A
0.342	0.342	SIGN	RIGHT	GUIDE, GROUP CAMPGROUND BRANDY CREEK RV BRANDY CREEK MARINA AND LAUNCH RAMP
0.342	0.385	CURB	LEFT	N/A
0.363	0.363	CULVERT	N/A	N/A
0.386	0.386	SIGN	LEFT	REGULATORY, SPEED LIMIT 35
0.398	0.428	PAVED DITCH	RIGHT	N/A
0.410	0.410	SIGN	RIGHT	GUIDE, BRANDY CREEK MARINA
0.427	0.544	CURB	LEFT	N/A
0.435	0.435	INTERSECTION	RIGHT	ROUTE 0101 (BRANDY CREEK MARINA ROAD)
0.445	0.468	CURB	RIGHT	N/A
0.462	0.462	CULVERT	N/A	N/A
0.478	0.569	PAVED DITCH	RIGHT	N/A
0.480	0.480	SIGN	RIGHT	REGULATORY, SPEED LIMIT 25

WHIS: ROUTE MAINTENANCE FEATURES ROAD LOG

ROUTE 0010: SOUTH SHORE DRIVE EAST

Notice: Culverts and drop inlets were marked by NPS and inventoried by RIP in Cycle 5 on all paved routes.

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.497	0.497	SIGN	LEFT	GUIDE, LAUNCH RAMP MARINA SELF CONTAINED CAMPING
0.587	0.643	CURB	RIGHT	N/A
0.691	0.761	CURB	RIGHT	N/A
0.697	0.697	CULVERT	N/A	N/A
0.721	0.721	CULVERT	N/A	N/A
0.742	0.742	CULVERT	N/A	N/A
0.752	0.833	PAVED DITCH	LEFT	N/A
0.761	0.829	PAVED DITCH	RIGHT	N/A
0.766	0.766	SIGN	RIGHT	GUIDE, DRY CREEK GROUP
0.806	0.806	SIGN	RIGHT	REGULATORY, SPEED LIMIT 25
0.829	0.887	CURB	RIGHT	N/A
0.861	0.861	CULVERT	N/A	N/A
0.951	0.951	SIGN	RIGHT	REGULATORY, SPEED LIMIT 15
0.980	0.980	SIGN	RIGHT	WARNING, CAUTION OBSTRUCTION 250 FT
0.987	1.027	CURB	RIGHT	N/A
1.015	1.015	SIGN	LEFT	REGULATORY, SPEED LIMIT 25
1.016	1.016	CULVERT	N/A	N/A
1.031	1.031	SIGN	RIGHT	GUIDE, DRY CREEK GROUP CAMPGROUND SOUTH SHORE DRIVE BOULDER CREEK TRAIL CARR POWERHOUSE
1.040	1.040	INTERSECTION	LEFT	ROUTE 0152 (SOUTH SHORE DRIVE WEST)
1.040	1.040	INTERSECTION	N/A	ROUTE 0206 (DRY CREEK CAMPGROUND)
1.040	1.040	ROUTE END	N/A	TO BEGINNING OF ROUTE 0206 (DRY CREEK CAMPGROUND)

WHIS: ROUTE MAINTENANCE FEATURES ROAD LOG

ROUTE 0100: BRANDY CREEK BEACH ROAD

Notice: Culverts and drop inlets were marked by NPS and inventoried by RIP in Cycle 5 on all paved routes.

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.000	0.000	ROUTE BEGIN	N/A	FROM ROUTE 5010 (KENNEDY MEMORIAL DRIVE)
0.000	0.000	INTERSECTION	LEFT	ROUTE 5010 (KENNEDY MEMORIAL DRIVE)
0.000	0.000	INTERSECTION	N/A	ROUTE 0404 (BRANDY CREEK SERVICE ROAD SOUTH)
0.000	0.000	INTERSECTION	RIGHT	ROUTE 5010 (KENNEDY MEMORIAL DRIVE)
0.008	0.008	SIGN	LEFT	REGULATORY, STOP
0.010	0.010	CULVERT	N/A	N/A
0.012	0.012	INTERSECTION	LEFT	ROUTE 0918 (BRANDY CREEK BEACH RESTROOM PARKING)
0.016	0.016	SIGN	RIGHT	GUIDE, BRANDY CREEK AREA HOURS 9AM - 9PM
0.016	0.016	SIGN	RIGHT	WARNING, UNABLE TO READ FROM VIDEO
0.018	0.018	SIGN	RIGHT	WARNING, UNABLE TO READ FROM VIDEO
0.019	0.019	SIGN	RIGHT	WARNING, UNABLE TO READ FROM VIDEO
0.020	0.020	GATE	N/A	N/A
0.021	0.021	SIGN	LEFT	WARNING, UNABLE TO READ FROM VIDEO
0.034	0.034	SIGN	LEFT	GUIDE, DAY USE FEE REQUIRED
0.034	0.034	SIGN	LEFT	GUIDE, PAY STATION
0.045	0.045	INTERSECTION	RIGHT	UNPAVED PARKING (PAY STATION)
0.051	0.051	SIGN	RIGHT	REGULATORY, SPEED LIMIT 25
0.077	0.077	CULVERT	N/A	N/A
0.104	0.104	SIGN	RIGHT	GUIDE, ADDITIONAL PARKING
0.104	0.104	SIGN	RIGHT	GUIDE, KAYAK TOURS
0.118	0.118	CULVERT	N/A	N/A
0.126	0.126	SIGN	LEFT	REGULATORY, STOP
0.128	0.128	DROP INLET	LEFT	N/A
0.132	0.132	INTERSECTION	LEFT	ROUTE 0919 (BRANDY CREEK PARKING LOT A)
0.146	0.146	SIGN	LEFT	GUIDE, LOT - A LOT - B
0.172	0.172	CULVERT	N/A	N/A
0.253	0.253	CULVERT	N/A	N/A
0.299	0.299	SIGN	RIGHT	REGULATORY, SPEED LIMIT 25
0.342	0.342	SIGN	LEFT	REGULATORY, SPEED LIMIT 25
0.365	0.365	CULVERT	N/A	N/A

WHIS: ROUTE MAINTENANCE FEATURES ROAD LOG

ROUTE 0100: BRANDY CREEK BEACH ROAD

Notice: Culverts and drop inlets were marked by NPS and inventoried by RIP in Cycle 5 on all paved routes.

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.367	0.367	SIGN	RIGHT	REGULATORY, SPEED LIMIT 15
0.378	0.378	INTERSECTION	N/A	ROUTE 0920 (BRANDY CREEK PARKING LOT B)
0.378	0.378	SIGN	LEFT	REGULATORY, DO NOT ENTER
0.378	0.378	ROUTE END	N/A	TO ROUTE 0920 (BRANDY CREEK PARKING LOT B)

WHIS: ROUTE MAINTENANCE FEATURES ROAD LOG

ROUTE 0101: BRANDY CREEK MARINA ROAD

Notice: Culverts and drop inlets were marked by NPS and inventoried by RIP in Cycle 5 on all paved routes.

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.000	0.000	ROUTE BEGIN	N/A	FROM ROUTE 0010 (SOUTH SHORE DRIVE EAST)
0.000	0.000	INTERSECTION	LEFT	ROUTE 0010 (SOUTH SHORE DRIVE EAST)
0.000	0.000	INTERSECTION	RIGHT	ROUTE 0010 (SOUTH SHORE DRIVE EAST)
0.000	0.000	SIGN	N/A	GUIDE, DRY CREEK 1MI REDDING 15MI BEACH 0.6MI
0.000	0.025	CURB	LEFT	N/A
0.005	0.078	PAVED DITCH	RIGHT	N/A
0.006	0.006	SIGN	LEFT	REGULATORY, STOP
0.028	0.028	CULVERT	N/A	N/A
0.037	0.086	PAVED DITCH	LEFT	N/A
0.078	0.107	CURB	RIGHT	N/A
0.097	0.097	CULVERT	N/A	N/A
0.107	0.125	PAVED DITCH	RIGHT	N/A
0.121	0.183	CURB	LEFT	N/A
0.121	0.183	GUARD/GUIDE RAIL	LEFT	N/A
0.127	0.159	GUARD/GUIDE RAIL	RIGHT	N/A
0.142	0.142	CULVERT	N/A	N/A
0.144	0.144	CULVERT	N/A	N/A
0.156	0.156	DROP INLET	LEFT	N/A
0.169	0.252	PAVED DITCH	RIGHT	N/A
0.183	0.201	PAVED DITCH	LEFT	N/A
0.224	0.224	SIGN	RIGHT	GUIDE, SELF CONTAINED CAMPING UNITS MARINA BOATRAMP
0.263	0.263	CULVERT	N/A	N/A
0.270	0.278	PAVED DITCH	RIGHT	N/A
0.290	0.290	INTERSECTION	RIGHT	ROUTE 0205 (BRANDY CREEK MARINA R.V. CAMPGROUND)
0.329	0.329	SIGN	LEFT	GUIDE, SELF CONTAINED CAMPERS SANITARY STATION
0.365	0.380	CURB	LEFT	N/A
0.375	0.422	CURB-AND-GUTTER	RIGHT	N/A
0.375	0.375	CULVERT	N/A	N/A
0.384	0.384	INTERSECTION	LEFT	ROUTE 0923 (DRY STORAGE AREA)

WHIS: ROUTE MAINTENANCE FEATURES ROAD LOG

ROUTE 0101: BRANDY CREEK MARINA ROAD

Notice: Culverts and drop inlets were marked by NPS and inventoried by RIP in Cycle 5 on all paved routes.

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.387	0.387	SIGN	RIGHT	GUIDE, PERSONAL WATERCRAFT (PWC) PROHIBITED
0.388	0.462	CURB-AND-GUTTER	LEFT	N/A
0.395	0.395	SIGN	RIGHT	GUIDE, UNATTENDED BOATS AND TRAILERS LEFT OVER 24 HOURS WILL BE IMPOUNDED
0.421	0.421	SIGN	RIGHT	GUIDE, DAY USE FEE REQUIRED
0.427	0.427	INTERSECTION	RIGHT	ROUTE 0922 (BRANDY CREEK MARINA PARKING)
0.437	0.437	INTERSECTION	RIGHT	ROUTE 0922 (BRANDY CREEK MARINA PARKING)
0.450	0.450	INTERSECTION	RIGHT	ROUTE 0922 (BRANDY CREEK MARINA PARKING)
0.464	0.464	INTERSECTION	N/A	ROUTE 0922 (BRANDY CREEK MARINA PARKING)
0.464	0.464	INTERSECTION	RIGHT	ROUTE 0922 (BRANDY CREEK MARINA PARKING)
0.464	0.464	INTERSECTION	LEFT	ROUTE 0922 (BRANDY CREEK MARINA PARKING)
0.464	0.464	ROUTE END	N/A	TO ROUTE 0922 (BRANDY CREEK MARINA PARKING)

WHIS: ROUTE MAINTENANCE FEATURES ROAD LOG

ROUTE 0103: OAK BOTTOM BEACH ROAD

Notice: Culverts and drop inlets were marked by NPS and inventoried by RIP in Cycle 5 on all paved routes.

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.000	0.000	ROUTE BEGIN	N/A	FROM INTERSECTION OF STATE HIGHWAY 299 (EUREKA WAY) AND BEGINNING OF ROUTE 0407 (GRIZZLY GULCH ROAD)
0.000	0.000	INTERSECTION	LEFT	PAVED ROUTE (STATE HIGHWAY 229 (EUREKA WAY) / NON NPS)
0.000	0.000	INTERSECTION	RIGHT	PAVED ROUTE (STATE HIGHWAY 229 (EUREKA WAY) / NON NPS)
0.016	0.036	CURB	RIGHT	N/A
0.022	0.035	CURB	LEFT	N/A
0.025	0.025	CULVERT	N/A	N/A
0.028	0.028	SIGN	RIGHT	REGULATORY, SPEED LIMIT 25
0.037	0.037	SIGN	RIGHT	GUIDE, UNABLE TO READ FROM VIDEO
0.037	0.037	SIGN	RIGHT	GUIDE, UNABLE TO READ FROM VIDEO
0.057	0.057	SIGN	RIGHT	GUIDE, DAY USE FEE REQUIRED
0.072	0.072	INTERSECTION	RIGHT	UNPAVED ROUTE
0.080	0.080	SIGN	LEFT	GUIDE, REDDING WHISKEYTOWN CARR POWERHOUSE TOWER HOUSE HISTORIC DISTRIC
0.118	0.118	SIGN	RIGHT	GUIDE, ALCOHOLIC BEVERAGES PROHIBITED AT SWIM BEACHES AND PICNIC AREAS
0.123	0.151	CURB	LEFT	N/A
0.125	0.175	CURB	RIGHT	N/A
0.137	0.137	CULVERT	N/A	N/A
0.143	0.143	SIGN	RIGHT	GUIDE, ALL CAMPERS STOP AT CAMPGROUND STORE DAY USE FEE REQUIRED
0.167	0.167	SIGN	RIGHT	GUIDE, PERSONAL WATERCRAFT (PWC) PROHIBITED
0.185	0.185	INTERSECTION	RIGHT	ROUTE 0929 (OAK BOTTOM WATER DITCH TRAIL PARKING)
0.211	0.211	SIGN	RIGHT	GUIDE, AREA CLOSED TO ALL ACTIVITIES EXCEPT CAMPING FROM 10 PM TO 6 AM
0.223	0.271	CURB	RIGHT	N/A
0.231	0.231	SIGN	RIGHT	REGULATORY, SPEED LIMIT 15
0.232	0.232	INTERSECTION	LEFT	ROUTE 0930 (OAK BOTTOM CAMPGROUND STORE PARKING)
0.244	0.244	SIGN	LEFT	GUIDE, OAK BOTTOM CAMPGROUND STORE
0.254	0.254	SIGN	RIGHT	GUIDE, LAUNCH RAMP BEACH MARINA RV CAMP CAMPGROUND

WHIS: ROUTE MAINTENANCE FEATURES ROAD LOG

ROUTE 0103: OAK BOTTOM BEACH ROAD

Notice: Culverts and drop inlets were marked by NPS and inventoried by RIP in Cycle 5 on all paved routes.

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.264	0.264	CULVERT	N/A	N/A
0.275	0.275	INTERSECTION	LEFT	ROUTE 0104 (OAK BOTTOM MARINA ROAD)
0.275	0.275	INTERSECTION	RIGHT	ROUTE 0215 (OAK BOTTOM CAMPGROUND LOOP A)
0.283	0.430	CURB	LEFT	N/A
0.286	0.286	SIGN	RIGHT	WARNING, UNABLE TO READ FROM VIDEO
0.303	0.303	SIGN	LEFT	GUIDE, AMPHITHEATER
0.303	0.303	SIGN	LEFT	GUIDE, EXIT STORE CAMPGROUND MARINA RV CAMP
0.316	0.316	INTERSECTION	RIGHT	ROUTE 0934 (OAK BOTTOM R.V. DUMP STATION PARKING)
0.408	0.408	SIGN	RIGHT	GUIDE, LAUNCH RAMP BEACH
0.425	0.425	CULVERT	N/A	N/A
0.431	0.431	INTERSECTION	LEFT	ROUTE 0933 (OAK BOTTOM LAUNCH RAMP)
0.440	0.443	CURB	LEFT	N/A
0.443	0.443	SIGN	LEFT	REGULATORY, KEEP RIGHT
0.443	0.443	INTERSECTION	N/A	ROUTE 0931 (OAK BOTTOM BEACH PARKING)
0.443	0.443	INTERSECTION	RIGHT	ROUTE 0931 (OAK BOTTOM BEACH PARKING)
0.443	0.443	ROUTE END	N/A	TO ROUTE 0931 (OAK BOTTOM BEACH PARKING)

WHIS: ROUTE MAINTENANCE FEATURES ROAD LOG

ROUTE 0104: OAK BOTTOM MARINA ROAD

Notice: Culverts and drop inlets were marked by NPS and inventoried by RIP in Cycle 5 on all paved routes.

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.000	0.000	ROUTE BEGIN	N/A	FROM INTERSECTION OF ROUTE 0103 (OAK BOTTOM BEACH ROAD) AT MP 0.28 (ON RIGHT) AND ROUTE 0215 (OAK BOTTOM CAMPGROUND LOOP A)
0.000	0.018	CURB	RIGHT	N/A
0.000	0.000	INTERSECTION	RIGHT	ROUTE 0103 (OAK BOTTOM BEACH ROAD)
0.000	0.000	INTERSECTION	LEFT	ROUTE 0103 (OAK BOTTOM BEACH ROAD)
0.005	0.005	SIGN	LEFT	REGULATORY, STOP
0.011	0.011	INTERSECTION	LEFT	ROUTE 0930 (OAK BOTTOM CAMPGROUND STORE PARKING)
0.023	0.023	INTERSECTION	RIGHT	ROUTE 0933 (OAK BOTTOM LAUNCH RAMP)
0.030	0.047	CURB	RIGHT	N/A
0.035	0.035	INTERSECTION	LEFT	ROUTE 0941 (OAK BOTTOM FIRE CACHE PARKING)
0.044	0.044	SIGN	LEFT	GUIDE, CAMPGROUND LAUNCH RAMP BEACH EXIT STORE
0.056	0.056	INTERSECTION	RIGHT	ROUTE 0932 (OAK BOTTOM R.V. CAMP PARKING)
0.064	0.064	SIGN	RIGHT	GUIDE, DO NOT ENTER ONE WAY
0.116	0.116	SIGN	RIGHT	GUIDE, AMPHITHEATER MARINA RV CAMP
0.173	0.173	DROP INLET	RIGHT	N/A
0.179	0.179	INTERSECTION	RIGHT	ROUTE 0932 (OAK BOTTOM R.V. CAMP PARKING)
0.185	0.185	SIGN	RIGHT	GUIDE, R.V. PARKING ONLY
0.185	0.185	SIGN	RIGHT	REGULATORY, ONE WAY
0.193	0.193	SIGN	LEFT	GUIDE, LAUNCH RAMP CAMPGROUND RV CAMPGROUND
0.200	0.200	SIGN	RIGHT	GUIDE, MARINA SERVICE HOURS 8:00A 8:00P AMPHITHEATER
0.203	0.203	GATE	N/A	N/A
0.277	0.281	GUARD/GUIDE WALL	LEFT	N/A
0.282	0.282	SIGN	LEFT	GUIDE, AMPHITHEATER MARINA
0.284	0.286	CURB	RIGHT	N/A
0.288	0.288	SIGN	N/A	GUIDE, UNATTENDED PROPERTY LEFT OVER 24 HOURS MAY BE IMPOUNDED
0.288	0.288	SIGN	N/A	REGULATORY, KEEP RIGHT
0.288	0.288	SIGN	N/A	GUIDE, NO VESSEL WASHING ALLOWED
0.288	0.288	INTERSECTION	N/A	ROUTE 0935 (OAK BOTTOM MARINA PARKING)
0.288	0.288	ROUTE END	N/A	TO ROUTE 0935 (OAK BOTTOM MARINA PARKING)

WHIS: ROUTE MAINTENANCE FEATURES ROAD LOG

ROUTE 0105: TOWER HOUSE FOOTBRIDGE ACCESS ROAD

Notice: Culverts and drop inlets were marked by NPS and inventoried by RIP in Cycle 5 on all paved routes.

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.000	0.000	ROUTE BEGIN	N/A	FROM STATE HIGHWAY 299 (EUREKA WAY)
0.000	0.000	INTERSECTION	RIGHT	PAVED ROUTE (STATE HIGHWAY 229 (EUREKA WAY) / NON NPS)
0.000	0.000	INTERSECTION	LEFT	PAVED ROUTE (STATE HIGHWAY 229 (EUREKA WAY) / NON NPS)
0.002	0.002	SIGN	LEFT	REGULATORY, STOP
0.006	0.006	GATE	N/A	N/A
0.030	0.039	PULLOUT	RIGHT	N/A
0.063	0.063	INTERSECTION	RIGHT	UNPAVED ROUTE
0.066	0.066	INTERSECTION	N/A	END OF PAVEMENT
0.066	0.066	SIGN	RIGHT	GUIDE, PEDESTRIANS ONLY
0.066	0.066	ROUTE END	N/A	TO END AT BOLLARD AT PEDESTRIAN BRIDGE

WHIS: ROUTE MAINTENANCE FEATURES ROAD LOG

ROUTE 0201: N.E.E.D. CAMP ROAD

Notice: Culverts and drop inlets were marked by NPS and inventoried by RIP in Cycle 5 on all paved routes.

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.000	0.000	ROUTE BEGIN	N/A	FROM INTERSECTION OF ROUTE 0256 (PAIGE BAR ROAD) AND END OF ROUTE 5201 (PAIGE BAR ROAD NON NPS)
0.000	0.000	INTERSECTION	LEFT	ROUTE 0256 (PAIGE BAR ROAD)
0.000	0.000	INTERSECTION	N/A	ROUTE 5201 (PAIGE BAR ROAD NON NPS)
0.016	0.016	INTERSECTION	RIGHT	UNPAVED ROUTE (GATED)
0.020	0.025	CURB	RIGHT	N/A
0.021	0.021	SIGN	RIGHT	GUIDE, N.E.E.D. CAMP
0.034	0.034	SIGN	RIGHT	WARNING, ONE LANE BRIDGE
0.035	0.035	SIGN	RIGHT	WARNING, GRAPHIC SIGN NO TEXT
0.042	0.042	SIGN	RIGHT	WARNING, GRAPHIC SIGN NO TEXT
0.048	0.048	SIGN	RIGHT	WARNING, GRAPHIC SIGN NO TEXT
0.049	0.049	SIGN	RIGHT	WARNING, GRAPHIC SIGN NO TEXT
0.062	0.062	INTERSECTION	LEFT	ROUTE 0944 (GUARDIAN ROCK TRAILHEAD PARKING)
0.067	0.137	ONE-WAY	N/A	N/A
0.068	0.068	SIGN	RIGHT	GUIDE, WHISKEYTOWN ENVIRONMENTAL SCHOOL AUTHORIZED VISITORS ONLY
0.068	0.068	SIGN	RIGHT	REGULATORY, AFTER STOP PROCEED WHEN CLEAR
0.068	0.068	SIGN	RIGHT	REGULATORY, STOP
0.070	0.175	CURB	LEFT	N/A
0.072	0.072	SIGN	RIGHT	WARNING, GRAPHIC SIGN NO TEXT
0.073	0.073	SIGN	RIGHT	WARNING, UNABLE TO READ FROM VIDEO
0.074	0.074	GATE	N/A	N/A
0.074	0.074	SIGN	LEFT	WARNING, GRAPHIC SIGN NO TEXT
0.074	0.077	GUARD/GUIDE RAIL	LEFT	N/A
0.075	0.125	BRIDGE	N/A	8750-001 (CLEAR CREEK BRIDGE)
0.075	0.125	CURB	RIGHT	N/A
0.077	0.125	GUARD/GUIDE RAIL	LEFT	N/A
0.077	0.123	GUARD/GUIDE RAIL	RIGHT	N/A
0.126	0.133	GUARD/GUIDE RAIL	LEFT	N/A
0.126	0.133	GUARD/GUIDE RAIL	RIGHT	N/A
0.134	0.134	SIGN	LEFT	REGULATORY, AFTER STOP PROCEED WHEN CLEAR

WHIS: ROUTE MAINTENANCE FEATURES ROAD LOG

ROUTE 0201: N.E.E.D. CAMP ROAD

Notice: Culverts and drop inlets were marked by NPS and inventoried by RIP in Cycle 5 on all paved routes.

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.134	0.134	SIGN	LEFT	REGULATORY, STOP
0.175	0.175	SIGN	LEFT	WARNING, ONE LANE BRIDGE
0.180	0.180	INTERSECTION	LEFT	UNPAVED ROUTE
0.190	0.190	INTERSECTION	LEFT	ROUTE 0913 (N.E.E.D. CAMP OVERFLOW PARKING)
0.214	0.214	INTERSECTION	LEFT	UNPAVED ROUTE
0.220	0.220	SIGN	RIGHT	GUIDE, AMPHITHEATER
0.252	0.252	SIGN	LEFT	REGULATORY, SPEED LIMIT 15
0.265	0.265	CULVERT	N/A	N/A
0.273	0.273	INTERSECTION	N/A	ROUTE 0914 (N.E.E.D. CAMP PARKING)
0.273	0.273	SIGN	N/A	GUIDE, ONE WAY
0.273	0.273	SIGN	RIGHT	REGULATORY, NO PARKING
0.273	0.273	ROUTE END	N/A	TO ROUTE 0914 (N.E.E.D. CAMP PARKING)

WHIS: ROUTE MAINTENANCE FEATURES ROAD LOG

ROUTE 0205: BRANDY CREEK MARINA R.V. CAMPGROUND

Notice: Culverts and drop inlets were marked by NPS and inventoried by RIP in Cycle 5 on all paved routes.

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.000	0.000	ROUTE BEGIN	N/A	FROM ROUTE 0101 (BRANDY CREEK MARINA ROAD) AT MP 0.29 (ON RIGHT)
0.000	0.000	INTERSECTION	LEFT	ROUTE 0101 (BRANDY CREEK MARINA ROAD)
0.000	0.000	INTERSECTION	RIGHT	ROUTE 0101 (BRANDY CREEK MARINA ROAD)
0.005	0.005	SIGN	LEFT	REGULATORY, STOP
0.008	0.036	PAVED DITCH	RIGHT	N/A
0.008	0.008	GATE	N/A	N/A
0.021	0.021	SIGN	RIGHT	REGULATORY, SPEED LIMIT 15
0.021	0.021	SIGN	RIGHT	WARNING, DEAD END
0.104	0.104	SIGN	RIGHT	GUIDE, BRANDY CREEK RV CAMP SELECT AND OCCUPY SITE FIRST, THEN PURCHASE PERMIT AHEAD
0.108	0.108	SIGN	LEFT	GUIDE, NO GROUND FIRES
0.113	0.113	SIGN	RIGHT	GUIDE, SELF - CONTAINED UNITS ONLY
0.121	0.121	SIGN	RIGHT	GUIDE, CAMPING LIMITS 5-15/9-14 14 DAYS 9-15/5-14 30 DAYS
0.131	0.131	INTERSECTION	LEFT	ROUTE 0924A (BRANDY CREEK R.V. PARKING A)
0.157	0.157	INTERSECTION	RIGHT	ROUTE 0924F (BRANDY CREEK R.V. PARKING F)
0.157	0.157	INTERSECTION	LEFT	ROUTE 0924G (BRANDY CREEK R.V. PARKING G)
0.190	0.190	INTERSECTION	LEFT	ROUTE 0924B (BRANDY CREEK R.V. PARKING B)
0.247	0.247	INTERSECTION	LEFT	ROUTE 0924C (BRANDY CREEK R.V. PARKING C)
0.266	0.306	PAVED DITCH	RIGHT	N/A
0.291	0.391	CURB	LEFT	N/A
0.320	0.320	INTERSECTION	RIGHT	ROUTE 0924D (BRANDY CREEK R.V. PARKING D)
0.343	0.343	INTERSECTION	RIGHT	ROUTE 0924H (BRANDY CREEK R.V. PARKING H)
0.362	0.362	INTERSECTION	RIGHT	ROUTE 0924E (BRANDY CREEK R.V. PARKING E)
0.419	0.419	SIGN	N/A	REGULATORY, NO PARKING
0.419	0.419	INTERSECTION	N/A	DEAD END (CUL-DE-SAC)
0.419	0.419	ROUTE END	N/A	TO DEAD END AT CUL-DE-SAC

WHIS: ROUTE MAINTENANCE FEATURES ROAD LOG

ROUTE 0206: DRY CREEK CAMPGROUND

Notice: Culverts and drop inlets were marked by NPS and inventoried by RIP in Cycle 5 on all paved routes.

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.000	0.000	ROUTE BEGIN	N/A	FROM END OF ROUTE 0010 (SOUTH SHORE DRIVE EAST)
0.000	0.000	INTERSECTION	LEFT	ROUTE 0152 (SOUTH SHORE DRIVE WEST)
0.000	0.000	INTERSECTION	N/A	ROUTE 0010 (SOUTH SHORE DRIVE EAST)
0.008	0.008	INTERSECTION	LEFT	ROUTE 0206 (DRY CREEK CAMPGROUND) OPPOSITE LANE
0.014	0.014	SIGN	N/A	REGULATORY, KEEP RIGHT
0.020	0.020	INTERSECTION	LEFT	ROUTE 0206 (DRY CREEK CAMPGROUND) OPPOSITE LANE
0.032	0.032	GATE	N/A	N/A
0.033	0.033	SIGN	LEFT	GUIDE, DRY CREEK GROUP CAMPGROUND DO NOT ENTER WITHOUT RESERVATION
0.139	0.139	CULVERT	N/A	N/A
0.199	0.199	SIGN	LEFT	GUIDE, DRY CREEK GROUP CAMPGROUND
0.199	0.199	SIGN	LEFT	GUIDE, UNABLE TO READ FROM VIDEO
0.203	0.203	INTERSECTION	N/A	ROUTE 0938 (DRY CREEK CAMPGROUND PARKING)
0.203	0.203	ROUTE END	N/A	TO ROUTE 0938 (DRY CREEK CAMPGROUND PARKING)

WHIS: ROUTE MAINTENANCE FEATURES ROAD LOG

ROUTE 0209: CARR POWERHOUSE ROAD

Notice: Culverts and drop inlets were marked by NPS and inventoried by RIP in Cycle 5 on all paved routes.

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.000	0.000	ROUTE BEGIN	N/A	FROM STATE HIGHWAY 299 (EUREKA WAY)
0.000	0.000	INTERSECTION	RIGHT	PAVED ROUTE (STATE HIGHWAY 229 (EUREKA WAY) / NON NPS)
0.000	0.000	INTERSECTION	LEFT	PAVED ROUTE (STATE HIGHWAY 229 (EUREKA WAY) / NON NPS)
0.031	0.031	SIGN	LEFT	GUIDE, WEAVERVILLE REDDING
0.045	0.045	SIGN	RIGHT	GUIDE, CAMP IN DESIGNATED SITES OBTAIN PERMIT AT VISITOR CENTER
0.066	0.066	INTERSECTION	LEFT	ROUTE 0211 (CARR LAKE ACCESS ROAD)
0.150	0.150	SIGN	RIGHT	GUIDE, CLEAR CREEK
0.152	0.152	SIGN	LEFT	WARNING, GRAPHIC SIGN NO TEXT
0.152	0.152	SIGN	RIGHT	WARNING, GRAPHIC SIGN NO TEXT
0.153	0.190	GUARD/GUIDE RAIL	RIGHT	N/A
0.153	0.190	CURB	LEFT	N/A
0.153	0.190	CURB	RIGHT	N/A
0.153	0.190	GUARD/GUIDE RAIL	LEFT	N/A
0.157	0.186	BRIDGE	N/A	CLEAR CREEK BRIDGE (A BIP STRUCTURE NUMBER HAS NOT BEEN ASSIGNED TO THIS BRIDGE)
0.192	0.192	SIGN	LEFT	WARNING, GRAPHIC SIGN NO TEXT
0.192	0.192	SIGN	RIGHT	WARNING, GRAPHIC SIGN NO TEXT
0.193	0.193	SIGN	LEFT	GUIDE, CLEAR CREEK
0.199	0.199	INTERSECTION	RIGHT	UNPAVED ROUTE
0.210	0.210	CULVERT	N/A	N/A
0.277	0.277	CULVERT	N/A	N/A
0.336	0.336	SIGN	RIGHT	GUIDE, CLEAR CREEK VISTA TRAIL
0.363	0.363	SIGN	RIGHT	WARNING, GRAPHIC SIGN NO TEXT
0.414	0.414	CULVERT	N/A	N/A
0.449	0.449	INTERSECTION	RIGHT	ROUTE 0405 (CARR POWERHOUSE SERVICE ROAD)
0.464	0.464	CULVERT	N/A	N/A
0.513	0.513	SIGN	RIGHT	GUIDE, MILL CREEK ROAD AND TRAIL BOULDER CREEK TRAIL AND FALLS
0.525	0.525	INTERSECTION	LEFT	UNPAVED ROUTE

WHIS: ROUTE MAINTENANCE FEATURES ROAD LOG

ROUTE 0209: CARR POWERHOUSE ROAD

Notice: Culverts and drop inlets were marked by NPS and inventoried by RIP in Cycle 5 on all paved routes.

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.546	0.546	INTERSECTION	RIGHT	UNPAVED ROUTE
0.551	0.551	INTERSECTION	LEFT	UNPAVED ROUTE
0.557	0.557	INTERSECTION	LEFT	UNPAVED ROUTE
0.591	0.591	CULVERT	N/A	N/A
0.600	0.600	SIGN	LEFT	GUIDE, MILL CREEK ROAD AND TRAIL BOULDER CREEK TRAIL AND FALLS
0.628	0.628	INTERSECTION	LEFT	ROUTE 0925 (CARR PICNIC AREA PARKING)
0.633	0.633	SIGN	LEFT	GUIDE, NO CAMPING
0.664	0.664	CULVERT	N/A	N/A
0.710	0.710	INTERSECTION	LEFT	ROUTE 0925 (CARR PICNIC AREA PARKING)
0.715	0.820	CURB	RIGHT	N/A
0.729	0.729	CULVERT	N/A	N/A
0.736	0.736	INTERSECTION	LEFT	PAVED ROUTE (POWER PLANT / NON NPS)
0.812	0.812	INTERSECTION	LEFT	PAVED ROUTE (POWER PLANT / NON NPS)
0.812	0.812	SIGN	LEFT	WARNING, DANGER STRONG VARIABLE CURRENT WATER MAY RISE RAPIDLY WITHOUT WARNING
0.827	0.827	CULVERT	N/A	N/A
0.834	0.834	SIGN	LEFT	WARNING, DANGER STRONG VARIABLE CURRENT WATER MAY RISE RAPIDLY WITHOUT WARNING
0.848	0.848	SIGN	LEFT	WARNING, DANGER STRONG VARIABLE CURRENT WATER MAY RISE RAPIDLY WITHOUT WARNING
0.898	0.898	CULVERT	N/A	N/A
1.047	1.047	CULVERT	N/A	N/A
1.092	1.092	CULVERT	N/A	N/A
1.093	1.093	INTERSECTION	LEFT	ROUTE 0152 (SOUTH SHORE DRIVE WEST)
1.098	1.098	INTERSECTION	N/A	PAVED ROUTE (WESTERN AREA POWER ADMINISTRATION / NON NPS)
1.098	1.098	GATE	N/A	N/A
1.098	1.098	ROUTE END	N/A	TO ROUTE 0152 (SOUTH SHORE DRIVE WEST)

WHIS: ROUTE MAINTENANCE FEATURES ROAD LOG

ROUTE 0211: CARR LAKE ACCESS ROAD

Notice: Culverts and drop inlets were marked by NPS and inventoried by RIP in Cycle 5 on all paved routes.

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.000	0.000	ROUTE BEGIN	N/A	FROM ROUTE 0209 (CARR POWERHOUSE ROAD) AT MP 0.07 (ON LEFT)
0.000	0.000	INTERSECTION	N/A	ROUTE 0209 (CARR POWERHOUSE ROAD)
0.000	0.000	INTERSECTION	RIGHT	ROUTE 0209 (CARR POWERHOUSE ROAD)
0.031	0.031	SIGN	RIGHT	GUIDE, DAY USE FEE REQUIRED
0.031	0.031	SIGN	RIGHT	GUIDE, GRAPHIC SIGN NO TEXT
0.039	0.039	CULVERT	N/A	N/A
0.054	0.054	SIGN	RIGHT	WARNING, DEAD END
0.105	0.105	INTERSECTION	RIGHT	UNPAVED ROUTE
0.201	0.201	CULVERT	N/A	N/A
0.253	0.253	CULVERT	N/A	N/A
0.338	0.338	CULVERT	N/A	N/A
0.359	0.359	INTERSECTION	RIGHT	UNPAVED ROUTE
0.393	0.393	CULVERT	N/A	N/A
0.441	0.441	INTERSECTION	RIGHT	UNPAVED ROUTE
0.474	0.474	INTERSECTION	RIGHT	UNPAVED ROUTE
0.507	0.507	INTERSECTION	N/A	DEAD END
0.507	0.507	ROUTE END	N/A	TO OAK BOTTOM WATER DITCH TRAILHEAD PARKING

WHIS: ROUTE MAINTENANCE FEATURES ROAD LOG

ROUTE 0215: OAK BOTTOM CAMPGROUND LOOP A

Notice: Culverts and drop inlets were marked by NPS and inventoried by RIP in Cycle 5 on all paved routes.

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.000	0.000	ROUTE BEGIN	N/A	FROM ROUTE 0103 (OAK BOTTOM BEACH ROAD) AT MP 0.28 (ON LEFT)
0.000	0.000	INTERSECTION	LEFT	ROUTE 0103 (OAK BOTTOM BEACH ROAD)
0.000	0.000	INTERSECTION	RIGHT	ROUTE 0103 (OAK BOTTOM BEACH ROAD)
0.006	0.006	SIGN	LEFT	REGULATORY, STOP
0.014	0.014	SIGN	RIGHT	GUIDE, NOTICE REGISTERED CAMPERS ONLY
0.015	0.015	SIGN	LEFT	GUIDE, MARINA RV CAMP EXIT STORE LAUNCH RAMP BEACH
0.015	0.015	SIGN	LEFT	GUIDE, AMPHITHEATER
0.020	0.020	SIGN	RIGHT	REGULATORY, SPEED LIMIT 15
0.021	0.503	ONE-WAY	N/A	N/A
0.021	0.021	INTERSECTION	LEFT	ROUTE 0215 (OAK BOTTOM CAMPGROUND LOOP A)
0.026	0.026	SIGN	LEFT	GUIDE, DAILY USE FEE´S REQUIRED NPS DAY USE FEE
0.027	0.027	SIGN	LEFT	GUIDE, PARK BETWEEN WHITE LINES ONLY
0.027	0.027	SIGN	LEFT	REGULATORY, KEEP RIGHT
0.043	0.043	INTERSECTION	RIGHT	ROUTE 0936A (OAK BOTTOM CAMPGROUND PARKING A)
0.058	0.058	CULVERT	N/A	N/A
0.065	0.065	INTERSECTION	LEFT	ROUTE 0216 (OAK BOTTOM CAMPGROUND LOOP B)
0.080	0.080	INTERSECTION	RIGHT	UNPAVED PARKING
0.173	0.173	INTERSECTION	LEFT	ROUTE 0936B (OAK BOTTOM CAMPGROUND PARKING B)
0.201	0.201	INTERSECTION	RIGHT	UNPAVED ROUTE (SERVICE ROAD)
0.209	0.209	SIGN	RIGHT	GUIDE, SERVICE VEHICLES ONLY
0.241	0.241	INTERSECTION	LEFT	ROUTE 0936C (OAK BOTTOM CAMPGROUND PARKING C)
0.259	0.259	INTERSECTION	LEFT	ROUTE 0936E (OAK BOTTOM CAMPGROUND PARKING E)
0.274	0.274	INTERSECTION	RIGHT	ROUTE 0936D (OAK BOTTOM CAMPGROUND PARKING D)
0.292	0.292	INTERSECTION	LEFT	ROUTE 0936E (OAK BOTTOM CAMPGROUND PARKING E)
0.349	0.349	INTERSECTION	LEFT	ROUTE 0936F (OAK BOTTOM CAMPGROUND PARKING F)
0.375	0.375	SIGN	LEFT	GUIDE, NO VEHICLE TRAPFIC
0.375	0.375	SIGN	LEFT	WARNING, UNABLE TO READ FROM VIDEO
0.418	0.418	INTERSECTION	LEFT	ROUTE 0936G (OAK BOTTOM CAMPGROUND PARKING G)
0.449	0.449	INTERSECTION	LEFT	ROUTE 0216 (OAK BOTTOM CAMPGROUND LOOP B)

WHIS: ROUTE MAINTENANCE FEATURES ROAD LOG

ROUTE 0215: OAK BOTTOM CAMPGROUND LOOP A

Notice: Culverts and drop inlets were marked by NPS and inventoried by RIP in Cycle 5 on all paved routes.

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.495	0.495	SIGN	RIGHT	REGULATORY, YIELD
0.503	0.503	INTERSECTION	LEFT	ROUTE 0215 (OAK BOTTOM CAMPGROUND LOOP A)
0.503	0.503	INTERSECTION	RIGHT	ROUTE 0215 (OAK BOTTOM CAMPGROUND LOOP A)
0.503	0.503	ROUTE END	N/A	TO END OF LOOP

WHIS: ROUTE MAINTENANCE FEATURES ROAD LOG

ROUTE 0216: OAK BOTTOM CAMPGROUND LOOP B

Notice: Culverts and drop inlets were marked by NPS and inventoried by RIP in Cycle 5 on all paved routes.

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.000	0.000	ROUTE BEGIN	N/A	FROM ROUTE 0215 (OAK BOTTOM CAMPGROUND LOOP A) AT MP 0.06 (ON LEFT)
0.000	0.000	INTERSECTION	RIGHT	ROUTE 0215 (OAK BOTTOM CAMPGROUND LOOP A)
0.000	0.000	INTERSECTION	LEFT	ROUTE 0215 (OAK BOTTOM CAMPGROUND LOOP A)
0.050	0.050	INTERSECTION	RIGHT	ROUTE 0215 (OAK BOTTOM CAMPGROUND LOOP A)
0.050	0.050	INTERSECTION	LEFT	ROUTE 0215 (OAK BOTTOM CAMPGROUND LOOP A)
0.050	0.050	ROUTE END	N/A	TO ROUTE 0215 (OAK BOTTOM CAMPGROUND LOOP A) AT MP 0.45 (ON LEFT)

WHIS: ROUTE MAINTENANCE FEATURES ROAD LOG

ROUTE 0220: WHISKEY CREEK GROUP PICNIC ROAD

Notice: Culverts and drop inlets were marked by NPS and inventoried by RIP in Cycle 5 on all paved routes.

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.000	0.000	ROUTE BEGIN	N/A	FROM ROUTE 5000 (WHISKEY CREEK ROAD)
0.000	0.000	INTERSECTION	N/A	ROUTE 5000 (WHISKEY CREEK ROAD)
0.000	0.000	INTERSECTION	RIGHT	ROUTE 5000 (WHISKEY CREEK ROAD)
0.000	0.000	SIGN	LEFT	WARNING, NOT A THROUGH STREET
0.015	0.015	SIGN	LEFT	GUIDE, UNABLE TO READ FROM VIDEO
0.050	0.050	SIGN	RIGHT	REGULATORY, SPEED LIMIT 25
0.069	0.069	SIGN	RIGHT	WARNING, NOT A THROUGH STREET
0.142	0.142	INTERSECTION	LEFT	UNPAVED ROUTE (GATED)
0.197	0.197	INTERSECTION	RIGHT	UNPAVED ROUTE
0.280	0.280	SIGN	RIGHT	WARNING, CAUTION OBSTRUCTION 500 FT
0.298	0.313	CURB	RIGHT	N/A
0.314	0.314	CULVERT	N/A	N/A
0.316	0.316	INTERSECTION	LEFT	UNPAVED ROUTE
0.340	0.340	INTERSECTION	RIGHT	UNPAVED ROUTE
0.348	0.348	SIGN	RIGHT	GUIDE, AREA CLOSED BEYOND THIS POINT PERMIT HOLDERS ONLY
0.365	0.365	CULVERT	N/A	N/A
0.381	0.381	GATE	N/A	N/A
0.381	0.381	SIGN	RIGHT	GUIDE, NOTICE GROUP PICNIC AREA DO NOT ENTER WITHOUT RESERVATION
0.383	0.383	INTERSECTION	LEFT	UNPAVED ROUTE (GATED)
0.445	0.445	SIGN	LEFT	WARNING, CAUTION OBSTRUCTION 500 FT
0.463	0.463	CULVERT	N/A	N/A
0.506	0.506	CULVERT	N/A	N/A
0.653	0.653	CULVERT	N/A	N/A
0.767	0.767	SIGN	RIGHT	GUIDE, GROUP PICNIC AREA 0.6 MI
0.783	0.783	INTERSECTION	RIGHT	UNPAVED PARKING
0.785	0.801	GUARD/GUIDE RAIL	RIGHT	N/A
0.785	0.785	CULVERT	N/A	N/A
0.790	0.790	SIGN	RIGHT	GUIDE, PRIVATE RESIDENCE AREA CLOSED
0.838	0.838	CULVERT	N/A	N/A

WHIS: ROUTE MAINTENANCE FEATURES ROAD LOG

ROUTE 0220: WHISKEY CREEK GROUP PICNIC ROAD

Notice: Culverts and drop inlets were marked by NPS and inventoried by RIP in Cycle 5 on all paved routes.

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.897	0.897	SIGN	LEFT	REGULATORY, SPEED LIMIT 20
0.899	0.899	INTERSECTION	LEFT	UNPAVED ROUTE
0.923	0.923	CULVERT	N/A	N/A
1.298	1.298	CULVERT	N/A	N/A
1.370	1.370	SIGN	LEFT	GUIDE, PICNIC AREA CLOSED AT DARK
1.370	1.370	SIGN	LEFT	GUIDE, GRAPHIC SIGN NO TEXT
1.372	1.372	CULVERT	N/A	N/A
1.377	1.377	INTERSECTION	N/A	ROUTE 0945 (WHISKEY CREEK GROUP PICNIC AREA PARKING)
1.377	1.377	ROUTE END	N/A	TO ROUTE 0945 (WHISKEY CREEK GROUP PICNIC AREA PARKING)

WHIS: ROUTE MAINTENANCE FEATURES ROAD LOG

ROUTE 0221: CRYSTAL CREEK CAMP ACCESS ROAD

Notice: Culverts and drop inlets were marked by NPS and inventoried by RIP in Cycle 5 on all paved routes.

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.000	0.000	ROUTE BEGIN	N/A	FROM END OF ROUTE 5221 (CRYSTAL CREEK ROAD) AT COUNTY LINE
0.000	0.000	INTERSECTION	N/A	ROUTE 5221 (CRYSTAL CREEK ROAD NON NPS)
0.146	0.146	CULVERT	N/A	N/A
0.197	0.197	CULVERT	N/A	N/A
0.238	0.290	GUARD/GUIDE RAIL	LEFT	N/A
0.257	0.263	GUARD/GUIDE RAIL	RIGHT	N/A
0.260	0.260	CULVERT	N/A	N/A
0.366	0.379	GUARD/GUIDE RAIL	RIGHT	N/A
0.369	0.369	CULVERT	N/A	N/A
0.458	0.458	CULVERT	N/A	N/A
0.594	0.594	CULVERT	N/A	N/A
0.803	0.803	INTERSECTION	LEFT	UNPAVED ROUTE
0.855	0.855	CULVERT	N/A	N/A
0.910	0.910	CULVERT	N/A	N/A
0.975	0.975	CULVERT	N/A	N/A
1.025	1.031	GUARD/GUIDE WALL	LEFT	N/A
1.032	1.032	INTERSECTION	LEFT	ROUTE 0222 (CRYSTAL CREEK CAMPGROUND ROAD)
1.039	1.051	GUARD/GUIDE WALL	LEFT	N/A
1.138	1.138	CULVERT	N/A	N/A
1.175	1.185	GUARD/GUIDE WALL	LEFT	N/A
1.195	1.195	CULVERT	N/A	N/A
1.266	1.266	CULVERT	N/A	N/A
1.338	1.338	CULVERT	N/A	N/A
1.338	1.338	SIGN	RIGHT	GUIDE, ELEV 2000 FT
1.378	1.378	CULVERT	N/A	N/A
1.411	1.411	CULVERT	N/A	N/A
1.433	1.492	GUARD/GUIDE RAIL	LEFT	N/A
1.518	1.518	CULVERT	N/A	N/A
1.561	1.561	CULVERT	N/A	N/A

WHIS: ROUTE MAINTENANCE FEATURES ROAD LOG

ROUTE 0221: CRYSTAL CREEK CAMP ACCESS ROAD

Notice: Culverts and drop inlets were marked by NPS and inventoried by RIP in Cycle 5 on all paved routes.

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
1.569	1.569	SIGN	RIGHT	GUIDE, PARK OFF PAVEMENT
1.580	1.586	GUARD/GUIDE RAIL	RIGHT	N/A
1.580	1.580	CULVERT	N/A	N/A
1.635	1.635	INTERSECTION	LEFT	ROUTE 0943 (MILL CREEK TRAILHEAD PARKING)
1.649	1.649	SIGN	LEFT	GUIDE, PARK OFF PAVEMENT
1.759	1.759	CULVERT	N/A	N/A
1.762	1.762	INTERSECTION	RIGHT	ROUTE 0251 (CRYSTAL CREEK ROAD)
1.771	1.771	GATE	N/A	N/A
1.773	1.773	CULVERT	N/A	N/A
1.859	1.859	CULVERT	N/A	N/A
1.895	1.895	INTERSECTION	LEFT	UNPAVED PARKING
1.909	1.909	SIGN	LEFT	GUIDE, UNABLE TO READ FROM VIDEO
1.961	1.961	INTERSECTION	N/A	ROUTE 0221 (CRYSTAL CREEK CAMP ACCESS ROAD)
1.961	1.961	ROUTE END	N/A	TO BEGINNING OF CRYSTAL CREEK CONSERVATION CAMP BRIDGE

WHIS: ROUTE MAINTENANCE FEATURES ROAD LOG

ROUTE 0400: HEADQUARTERS ROAD

Notice: Culverts and drop inlets were marked by NPS and inventoried by RIP in Cycle 5 on all paved routes.

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.000	0.000	ROUTE BEGIN	N/A	FROM ROUTE 5010 (KENNEDY MEMORIAL DRIVE)
0.000	0.000	INTERSECTION	LEFT	ROUTE 5010 (KENNEDY MEMORIAL DRIVE)
0.000	0.000	INTERSECTION	RIGHT	ROUTE 5010 (KENNEDY MEMORIAL DRIVE)
0.005	0.005	SIGN	LEFT	REGULATORY, STOP
0.009	0.009	GATE	N/A	N/A
0.025	0.025	INTERSECTION	RIGHT	ROUTE 0903 (PARK HEADQUARTERS EMPLOYEE PARKING)
0.035	0.035	SIGN	RIGHT	GUIDE, ADMINISTRATIVE OFFICE
0.037	0.037	DROP INLET	RIGHT	N/A
0.038	0.038	INTERSECTION	LEFT	ROUTE 0902A (PARK HEADQUARTERS EMPLOYEE PARKING A)
0.039	0.039	SIGN	RIGHT	GUIDE, VISITOR PARKING
0.043	0.043	INTERSECTION	RIGHT	ROUTE 0901 (PARK HEADQUARTERS VISITOR PARKING)
0.060	0.060	INTERSECTION	RIGHT	ROUTE 0902B (PARK HEADQUARTERS EMPLOYEE PARKING B)
0.072	0.072	GATE	N/A	N/A
0.075	0.075	INTERSECTION	LEFT	ROUTE 0904 (MAINTENANCE YARD)
0.101	0.101	INTERSECTION	RIGHT	ROUTE 0905 (HEADQUARTERS ADMINISTRATIVE PARKING)
0.106	0.106	INTERSECTION	RIGHT	ROUTE 0907 (HEADQUARTERS GOVERNMENT CAR PARKING)
0.123	0.123	INTERSECTION	LEFT	ROUTE 0904 (MAINTENANCE YARD)
0.126	0.131	RETAINING WALL	LEFT	N/A
0.144	0.144	INTERSECTION	RIGHT	PAVED PARKING (FUEL STATION)
0.163	0.163	GATE	N/A	N/A
0.184	0.208	CURB	RIGHT	N/A
0.214	0.214	INTERSECTION	LEFT	UNPAVED PARKING
0.226	0.226	INTERSECTION	LEFT	ROUTE 0415 (GOVERNMENT BOAT LAUNCH LOOP)
0.226	0.226	INTERSECTION	N/A	ROUTE 0415 (GOVERNMENT BOAT LAUNCH LOOP)
0.226	0.226	ROUTE END	N/A	TO BEGINNING OF ROUTE 0415 (GOVERNMENT BOAT LAUNCH LOOP)

WHIS: ROUTE MAINTENANCE FEATURES ROAD LOG

ROUTE 0401: N.E.E.D. CAMP RESIDENCE ROAD

Notice: Culverts and drop inlets were marked by NPS and inventoried by RIP in Cycle 5 on all paved routes.

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.000	0.000	ROUTE BEGIN	N/A	FROM ROUTE 0914 (N.E.E.D. CAMP PARKING)
0.000	0.000	INTERSECTION	N/A	ROUTE 0914 (N.E.E.D. CAMP PARKING)
0.062	0.062	INTERSECTION	RIGHT	ROUTE 0915 (N.E.E.D. CAMP CAFETERIA ACCESS PARKING)
0.088	0.088	SIGN	RIGHT	REGULATORY, WEIGHT LIMIT 22T 36T 59T
0.089	0.100	GUARD/GUIDE RAIL	LEFT	N/A
0.089	0.100	GUARD/GUIDE RAIL	RIGHT	N/A
0.092	0.098	BRIDGE	N/A	8750-007 (PAIGE BOULDER CREEK BRIDGE)
0.101	0.101	SIGN	LEFT	WARNING, UNABLE TO READ FROM VIDEO
0.103	0.103	INTERSECTION	N/A	ROUTE 0401 (N.E.E.D. CAMP RESIDENCE ROAD)
0.103	0.103	ROUTE END	N/A	TO DEAD END

WHIS: ROUTE MAINTENANCE FEATURES ROAD LOG

ROUTE 0404: BRANDY CREEK SERVICE ROAD SOUTH

Notice: Culverts and drop inlets were marked by NPS and inventoried by RIP in Cycle 5 on all paved routes.

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.000	0.000	ROUTE BEGIN	N/A	FROM INTERSECTION OF ROUTE 5010 (KENNEDY MEMORIAL DRIVE) AND BEGINNING OF ROUTE 0100 (BRANDY CREEK BEACH ROAD)
0.000	0.000	INTERSECTION	LEFT	ROUTE 5010 (KENNEDY MEMORIAL DRIVE)
0.000	0.000	INTERSECTION	RIGHT	ROUTE 5010 (KENNEDY MEMORIAL DRIVE)
0.004	0.004	SIGN	LEFT	REGULATORY, STOP
0.007	0.007	GATE	N/A	N/A
0.010	0.010	CULVERT	N/A	N/A
0.044	0.044	INTERSECTION	LEFT	UNPAVED ROUTE
0.139	0.139	CULVERT	N/A	N/A
0.167	0.167	INTERSECTION	RIGHT	ROUTE 0917 (BRANDY CREEK STORAGE YARD)
0.169	0.169	INTERSECTION	N/A	ROUTE 0917 (BRANDY CREEK STORAGE YARD)
0.169	0.169	ROUTE END	N/A	TO ROUTE 0917 (BRANDY CREEK STORAGE YARD)

WHIS: ROUTE MAINTENANCE FEATURES ROAD LOG

ROUTE 0405: CARR POWERHOUSE SERVICE ROAD

Notice: Culverts and drop inlets were marked by NPS and inventoried by RIP in Cycle 5 on all paved routes.

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.000	0.000	ROUTE BEGIN	N/A	FROM ROUTE 0209 (CARR POWERHOUSE ROAD) AT MP 0.45 (ON RIGHT)
0.000	0.000	INTERSECTION	LEFT	ROUTE 0209 (CARR POWERHOUSE ROAD)
0.000	0.000	INTERSECTION	RIGHT	ROUTE 0209 (CARR POWERHOUSE ROAD)
0.012	0.012	SIGN	LEFT	WARNING, UNABLE TO READ FROM VIDEO
0.060	0.060	CULVERT	N/A	N/A
0.086	0.086	CULVERT	N/A	N/A
0.108	0.108	CULVERT	N/A	N/A
0.141	0.141	INTERSECTION	RIGHT	UNPAVED ROUTE
0.164	0.164	INTERSECTION	N/A	END OF PAVEMENT
0.164	0.164	ROUTE END	N/A	TO END

WHIS: ROUTE MAINTENANCE FEATURES ROAD LOG

ROUTE 0406: QUARTERS 324 ROAD

Notice: Culverts and drop inlets were marked by NPS and inventoried by RIP in Cycle 5 on all paved routes.

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.000	0.000	ROUTE BEGIN	N/A	FROM STATE HIGHWAY 299 (EUREKA WAY)
0.000	0.000	INTERSECTION	LEFT	PAVED ROUTE (STATE HIGHWAY 229 (EUREKA WAY) / NON NPS)
0.000	0.000	INTERSECTION	RIGHT	PAVED ROUTE (STATE HIGHWAY 229 (EUREKA WAY) / NON NPS)
0.025	0.025	INTERSECTION	RIGHT	ROUTE 0411 (BULL GULCH SERVICE ROAD)
0.028	0.028	SIGN	RIGHT	GUIDE, OBB 318 12242 OBB 321 12250 OBB 324 12144
0.029	0.029	CULVERT	N/A	N/A
0.040	0.040	GATE	N/A	N/A
0.041	0.041	SIGN	RIGHT	WARNING, UNABLE TO READ FROM VIDEO
0.043	0.068	CURB	LEFT	N/A
0.048	0.048	SIGN	RIGHT	GUIDE, SERVICE ROAD ONLY
0.074	0.074	SIGN	LEFT	GUIDE, PRIVATE RESIDENCE
0.139	0.139	CULVERT	N/A	N/A
0.262	0.262	INTERSECTION	RIGHT	UNPAVED ROUTE
0.280	0.280	INTERSECTION	N/A	DEAD END (DRIVEWAY)
0.280	0.280	ROUTE END	N/A	TO END AT DRIVEWAY AND UNPAVED PARKING

WHIS: ROUTE MAINTENANCE FEATURES ROAD LOG

ROUTE 0407: GRIZZLY GULCH ROAD

Notice: Culverts and drop inlets were marked by NPS and inventoried by RIP in Cycle 5 on all paved routes.

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.000	0.000	ROUTE BEGIN	N/A	FROM INTERSECTION OF STATE HIGHWAY 299 (EUREKA WAY) AND BEGINNING OF ROUTE 0103 (OAK BOTTOM BEACH ROAD)
0.000	0.000	INTERSECTION	LEFT	PAVED ROUTE (STATE HIGHWAY 229 (EUREKA WAY) / NON NPS)
0.000	0.000	INTERSECTION	RIGHT	PAVED ROUTE (STATE HIGHWAY 229 (EUREKA WAY) / NON NPS)
0.042	0.042	CULVERT	N/A	N/A
0.044	0.044	INTERSECTION	RIGHT	PAVED ROUTE
0.065	0.065	CULVERT	N/A	N/A
0.162	0.162	CULVERT	N/A	N/A
0.179	0.179	INTERSECTION	LEFT	ROUTE 0414 (GRIZZLY GULCH WATER TANK ACCESS ROAD)
0.187	0.187	SIGN	LEFT	GUIDE, AUTHORIZED VEHICLES ONLY
0.187	0.187	SIGN	LEFT	GUIDE, NO HUNTING
0.231	0.231	CULVERT	N/A	N/A
0.245	0.245	INTERSECTION	RIGHT	UNPAVED ROUTE
0.395	0.395	SIGN	LEFT	REGULATORY, END ROUTINE SNOW REMOVAL
0.395	0.395	INTERSECTION	N/A	ROUTE 0407 (GRIZZLY GULCH ROAD) UNPAVED SECTION
0.395	0.395	ROUTE END	N/A	TO PARK BOUNDARY

WHIS: ROUTE MAINTENANCE FEATURES ROAD LOG

ROUTE 0411: BULL GULCH SERVICE ROAD

Notice: Culverts and drop inlets were marked by NPS and inventoried by RIP in Cycle 5 on all paved routes.

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.000	0.000	ROUTE BEGIN	N/A	FROM ROUTE 0406 (QUARTERS 324 ROAD) AT MP 0.02 (ON RIGHT)
0.000	0.000	INTERSECTION	N/A	ROUTE 0406 (QUARTERS 324 ROAD)
0.000	0.000	INTERSECTION	RIGHT	ROUTE 0406 (QUARTERS 324 ROAD)
0.011	0.011	CULVERT	N/A	N/A
0.013	0.013	GATE	N/A	N/A
0.032	0.032	SIGN	RIGHT	GUIDE, PRIVATE RESIDENCE KEEP OUT
0.096	0.096	CULVERT	N/A	N/A
0.199	0.199	CULVERT	N/A	N/A
0.256	0.256	CULVERT	N/A	N/A
0.376	0.376	CULVERT	N/A	N/A
0.377	0.377	SIGN	LEFT	WARNING, GRAPHIC SIGN NO TEXT
0.422	0.422	CULVERT	N/A	N/A
0.469	0.469	INTERSECTION	N/A	ROUTE 0411 (BULL GULCH SERVICE ROAD) UNPAVED SECTION
0.469	0.469	ROUTE END	N/A	TO END

WHIS: ROUTE MAINTENANCE FEATURES ROAD LOG

ROUTE 0414: GRIZZLY GULCH WATER TANK ACCESS ROAD

Notice: Culverts and drop inlets were marked by NPS and inventoried by RIP in Cycle 5 on all paved routes.

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.000	0.000	ROUTE BEGIN	N/A	FROM ROUTE 0407 (GRIZZLY GULCH ROAD) AT MP 0.18 (ON LEFT)
0.000	0.000	INTERSECTION	RIGHT	ROUTE 0407 (GRIZZLY GULCH ROAD)
0.000	0.000	INTERSECTION	LEFT	ROUTE 0407 (GRIZZLY GULCH ROAD)
0.008	0.008	SIGN	RIGHT	GUIDE, UNABLE TO READ FROM VIDEO
0.010	0.010	GATE	N/A	N/A
0.017	0.017	CULVERT	N/A	N/A
0.020	0.020	INTERSECTION	LEFT	UNPAVED ROUTE
0.039	0.039	INTERSECTION	RIGHT	UNPAVED ROUTE
0.060	0.060	INTERSECTION	LEFT	ROUTE 0940 (GRIZZLY GULCH WATER TANK ACCESS PARKING)
0.069	0.069	INTERSECTION	N/A	DEAD END
0.069	0.069	ROUTE END	N/A	TO DEAD END

WHIS: ROUTE MAINTENANCE FEATURES ROAD LOG

ROUTE 0415: GOVERNMENT BOAT LAUNCH LOOP

Notice: Culverts and drop inlets were marked by NPS and inventoried by RIP in Cycle 5 on all paved routes.

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.000	0.000	ROUTE BEGIN	N/A	FROM END OF ROUTE 0400 (HEADQUARTERS ROAD) AT MP 0.23 (ON LEFT)
0.000	0.000	INTERSECTION	N/A	ROUTE 0400 (HEADQUARTERS ROAD)
0.000	0.000	INTERSECTION	LEFT	ROUTE 0415 (GOVERNMENT BOAT LAUNCH LOOP)
0.047	0.047	CULVERT	N/A	N/A
0.054	0.074	CURB	RIGHT	N/A
0.108	0.108	INTERSECTION	LEFT	ROUTE 0415 (GOVERNMENT BOAT LAUNCH LOOP)
0.108	0.108	INTERSECTION	N/A	ROUTE 0400 (HEADQUARTERS ROAD)
0.108	0.108	ROUTE END	N/A	TO ROUTE 0400 (HEADQUARTERS ROAD) AT MP 0.24

Section 10
Appendix

Whiskeytown-Shasta-Trinity
National Recreation Area

Federal Lands Highway
Road Inventory Program

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

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

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

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

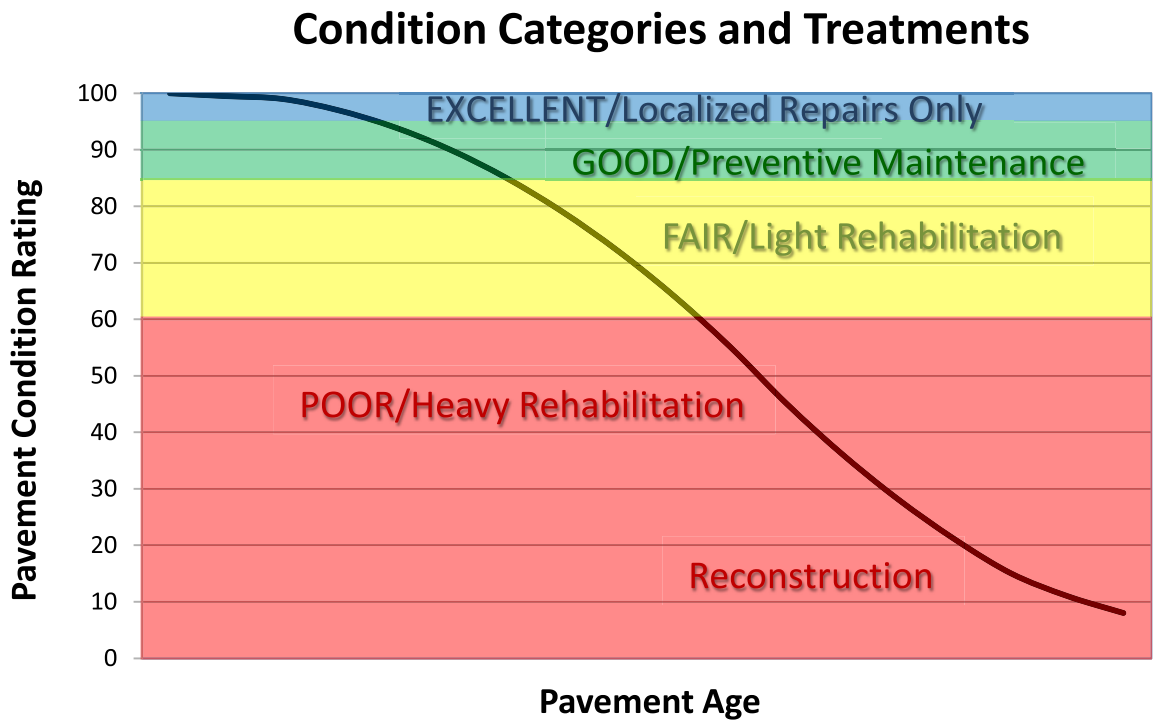
The changes that were implemented were endorsed by management at both the FHWA and NPS. In order to show the effectiveness of these changes, several sites were ground truth tested to ensure that an improvement was achieved between the relationship of PCR and the actual Maintenance and Rehabilitation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

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

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

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

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



DESCRIPTION OF RATING SYSTEM

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

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

With the use of quality digital photography and automated crack detection software, FHWA RIP is tasked with executing a pavement condition assessment on about 5000 miles of National Park Service roads and parkways. Foremost in setting up the basis of pavement distress identification is employing the distress identification protocols used by FHWA. There is no single distress identification system that is universal among entities conducting a program of distress identification. For the purpose of the NPS RIP, FHWA employs distress identification protocols that are specific to this program.

FHWA has referenced the "*Distress Identification Manual for the Long-Term Pavement Performance Program", Publication No. FHWA-RD 03-031, June 2003,* as the point-of-reference for distress types on NPS pavement. In truth, the FHWA RIP distress types are similar to those described in the LTPP manual with some modifications. This document, "*Distress Identification Manual for the NPS Road Inventory Program, Cycle 5, 2010-2013"* was developed using the "*Distress Identification Manual for the Long-Term Pavement Performance Program"* as a guideline. Definitions of severity levels based on crack width contained in this document adhere to the LTPP Distress ID Manual. Modifications have been made to the definition of Alligator and Longitudinal Cracking and determination of Alligator Cracking severity. This manual also addresses Rutting and Roughness and its application to RIP.

In 2010, FHWA RIP began the fifth cycle of data collection in national parks. For Cycle 5, data will be collected in approximately 81 large parks (10 or more paved route miles) on Functional Class 1, 2, and 7 routes plus any new routes or parking areas previously not collected, totaling an estimated 4,459 paved route miles. Additionally, 168 small parks will be collected comprising approximately 529 paved route miles and associated paved parking areas. The data is used to support the National Park Service road maintenance program and Pavement Management System (PMS) developed and maintained by FHWA.

This **"*Distress Identification Manual for the NPS Road Inventory Program, Cycle 5, 2010-2013"*** will be used as a reference resource in crack detection and classification, determination of distress severity and extent, and in the calculation of distress index values for the FHWA RIP Cycle 5.

SURFACE DISTRESSES

Surface Condition Rating - SCR

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

Surface distresses determined from digital images

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

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

- Rutting

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

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

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

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

Roughness Condition Index - RCI

Additional condition data measured by DCV (lasers and accelerometers)

- Roughness (IRI)

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

Pavement Condition Rating - PCR

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

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

A detailed description of each distress index formula, roughness index formula, SCR and PCR is provided in this document beginning on page 23.

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

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

POOR (<=60), FAIR (61 - 84), GOOD (85 - 94), EXCELLENT (95 - 100)

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

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

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

TABLE 1: Distress Summary

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

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

ALLIGATOR CRACKING

Description

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

Severity Levels

LOW
An area of cracks with no or very few interconnecting cracks and the cracks are not spalled. Cracks are <= 0.25 in (6mm) in mean width. Cracks in the pattern are no further apart than 1 foot (0.328 m). May be sealed cracks with sealant in good condition and a crack width that cannot be determined.

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

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

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

TABLE 2: Alligator Crack Severity Levels

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

LONGITUDINAL CRACKING

Description

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

Severity Levels

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

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

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

TRANSVERSE CRACKING

Description

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

Severity Levels

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

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

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

PATCHING AND POTHOLES

Description

Patching is an area of pavement surface that has been removed and replaced with patching material or an area of pavement surface that has had additional patching material applied. Patching may encompass partial lane or full lane width On full lane width patching; the total, contiguous length of patch may not exceed 0.30 mi. (0.48 km). (Any full-lane patch exceeding 0.30 mi. in length is considered a pavement change). Patching must have a quantifiable area.

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

Severity Levels

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

RUTTING

Description

Rutting is a longitudinal surface depression in the wheelpath.

Severity Levels

LOW
Ruts with a measured depth ≥ 0.20" and ≤ 0.49"

MED
Ruts with a measured depth ≥ 0.50" and ≤ 0.99"

HIGH
Ruts with a measured depth ≥ 1.00"

Ruts < 0.20" are not included in the distress calculations.

ROUGHNESS

Description

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

Severity Levels

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

TABLE 3: IRI

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

INDEX FORMULAS

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

Alligator Crack Index

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

Where:

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

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

Percent of total area is computed as:

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

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

Longitudinal Crack Index

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

Where:

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

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

Percent of interval length is computed as:

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

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

Structural Crack Index

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

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

Transverse Crack Index

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

Where:

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

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

Number of cracks is computed as:

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

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

Patching Index

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

Where:

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

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

Percent of total area is computed as:

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

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

In PATCH_INDEX, the denominator 80 is the Maximum Allowable Extent (MAE) for each severity. In other words, we will allow up to 80% patching for a 0.02 interval before failure. As you can see, if patching/potholes reaches MAE the resulting index value is 60, or failure.

Rutting Index

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

Where:

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

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

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

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

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

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

Roughness Condition Index (Asphalt)

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

Where:

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

Average IRI is computed as:

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

There is no applicable threshold for failure for this index.

Roughness Condition Index (Concrete)

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

For concrete, PCR = RCI

Surface Condition Rating Index

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

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

Where:

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

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

Data Collection Vehicle Subsystems

Data on paved roads in Cycle 5 is collected by FHWA using a Pathway Services Inc. Data Collection Vehicle (DCV), called PathRunner. The DCV is driven in the primary-direction lane at posted speed limits and less.

CAMERAS

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

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

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

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

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

DMI (Distance Measuring Instrument)

The DMI (Distance Measuring Instrument) obtains road length measurements that are accurate to 0.1% for speeds up to 60 mph. The DMI is connected to the hub of the rear wheel on the driver's side, and is calibrated to the revolutions of the rear vehicle axle on a regular basis.

ROUGHNESS (IRI)

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

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

RUTTING

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

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

GPS & INERTIAL SYSTEMS

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

GPS SPECIFICATIONS	
Static accuracy	Sub-meter
Dynamic accuracy	2-3 meters
Receiver	12 satellite tracking
Coordinate system	Lat Lon WGS 84
Environment	Day or night
Cross-slope	+- 0.1 degrees
Grade	+- 0.1 degrees

GPS on Manually Rated Roads (MRR)

Parking areas, some roads, and other paved areas that are not fully drivable with the DCV are collected manually by field technicians. GPS is collected for these routes using portable Trimble GPS backpack units.

Geodatabase – Background and Metadata

In addition to this park report, a ***geodatabase*** containing both tabular and spatial data specific to this park has been provided. All data disseminated in the preceding report has been obtained from the tables and fields within said geodatabase. The geodatabase can be referenced for tabular data via Microsoft Access or for both tabular and spatial data via ESRI's ArcGIS Suite of software which consists of; ArcMap, ArcCatalog and ArcExplorer. Consolidating the RIP data into one database creates a seamless relationship of tables and geographic data. It will allow RIP to facilitate easier updates and enhancements in the future.

A geodatabase can be thought of as simply a database containing spatial data. Many different tables are contained with the park's geodatabase. A complete and thorough description of the tables and fields contained within this geodatabase can be found in the ***metadata***. The metadata is attached directly within the geodatabase and can be accessed via ESRI's ArcCatalog.

GLOSSARY OF TERMS AND ABBREVIATIONS

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