The Road Inventory
of
Curecanti National Recreation Area
CURE - 1379

national park service

Road Inventory Program

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

Curecanti National Recreation Area
in
Colorado

TABLE OF CONTENTS

INTRODUCTION

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

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

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

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

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

In 1998, the Transportation Equity Act for the 21st Century (TEA-21) amended Title 23 U.S.C., and inserted Section 204(a)(6) which requires the Federal Highway Administration and the National Park Service, to develop, by rule, a Pavement Management System (PMS) for the park roads and parkways serving the National Park System. As a result of the requirements in TEA-21, the NPS and the FHWA are in the process of developing a PMS. The PMS will assist the decision-makers in effectively spending limited PRP Program funds. The PMS will provide information for planning and programming road maintenance, rehabilitation, and reconstruction activities. RIP data will provide the basic information for this system.

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

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

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

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

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

FHWA RIP Coordinator:

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Curecan Na onal Recrea on rea u ar e

O erall Park leage u ary

P R TOT U R IT	TOT	D T
Paved ARAN Driven Route Miles	4.94	6/16/2003
Unpaved Estimated Route Miles	17.89	6/16/2003
Paved ARAN and Unpaved Route Miles	22.83	
Paved ARAN Driven Lane Miles	8.84	6/16/2003
Paved MRR Lane Miles	0.00	
Parking Lot Lane Miles	16.41	6/16/2003
Total Paved Lane Miles	25.25	

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

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

Curecanti National Recreation Area Summaries

Cost to Improve to "Excellent" Condition

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

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

Existing Condition	Existing Miles	Estimated Cost to Improve
Excellent	0.06	$1,800
Good	0.24	$26,400
Fair	0.19	$106,400
Poor	4.45	$6,853,000
Totals	**4.94**	**$6,987,600**

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

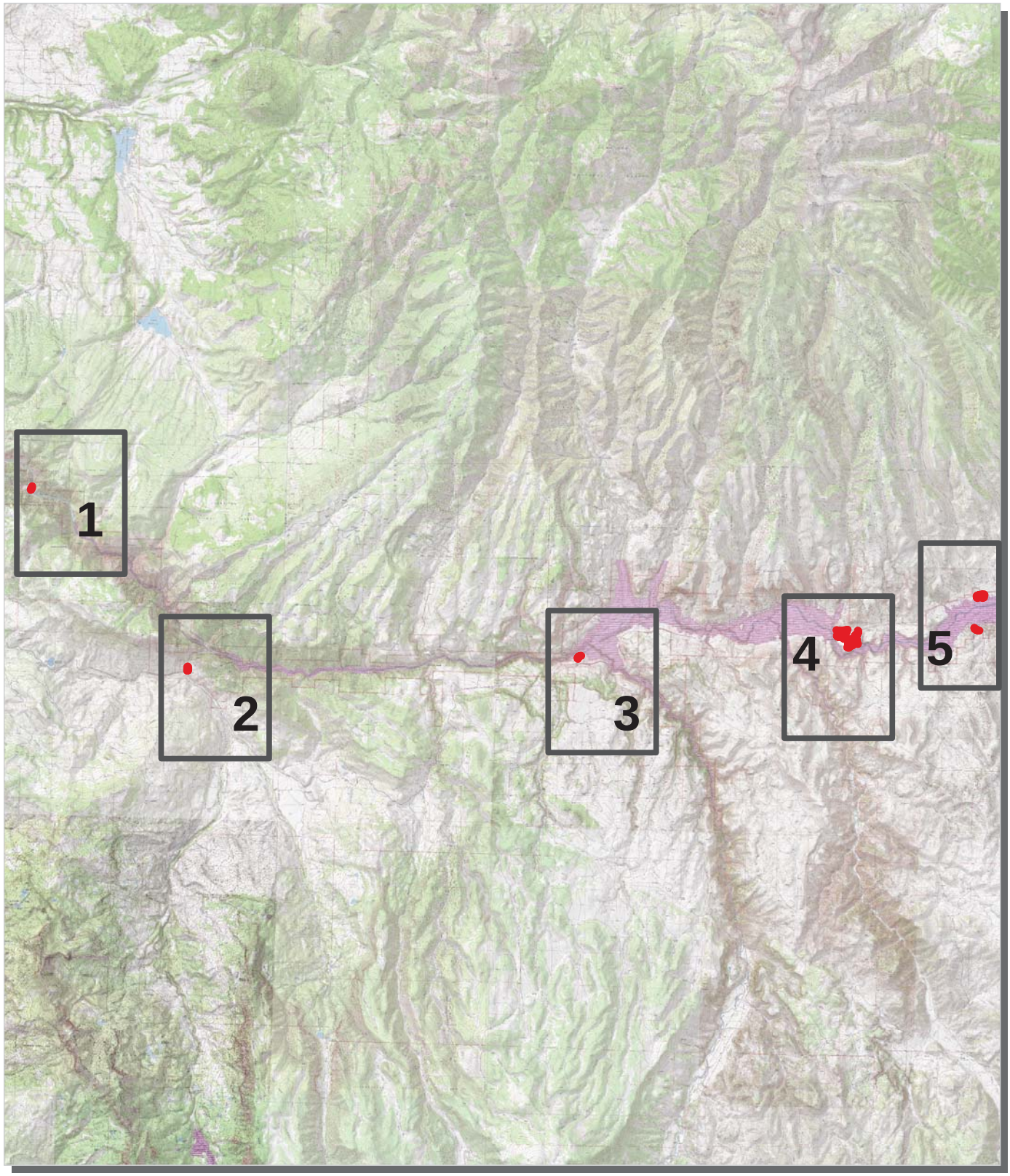
These numbers are for preliminary planning purposes only and should not be used for project level proposals. For park planning level analysis, apply your park multiplier for more accurate regional costs.

Curecan Na onal Recrea on rea u ar e

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

C	Pa e en Cond on Ra ng								TOT l
	Poor l		a r l		ood l		cellen l		
1	0.22	4.45%	0.09	1.82%	0.22	4.45%	0.06	1.21%	0.59
2	0.18	3.64%							0.18
3	3.64	73.68%	0.10	2.02%	0.02	0.40%			3.76
4									
5	0.41	8.30%							0.41
6									
7									
8									
To al				3					

Curecanti National Recreation Area
Route Location
Key Map

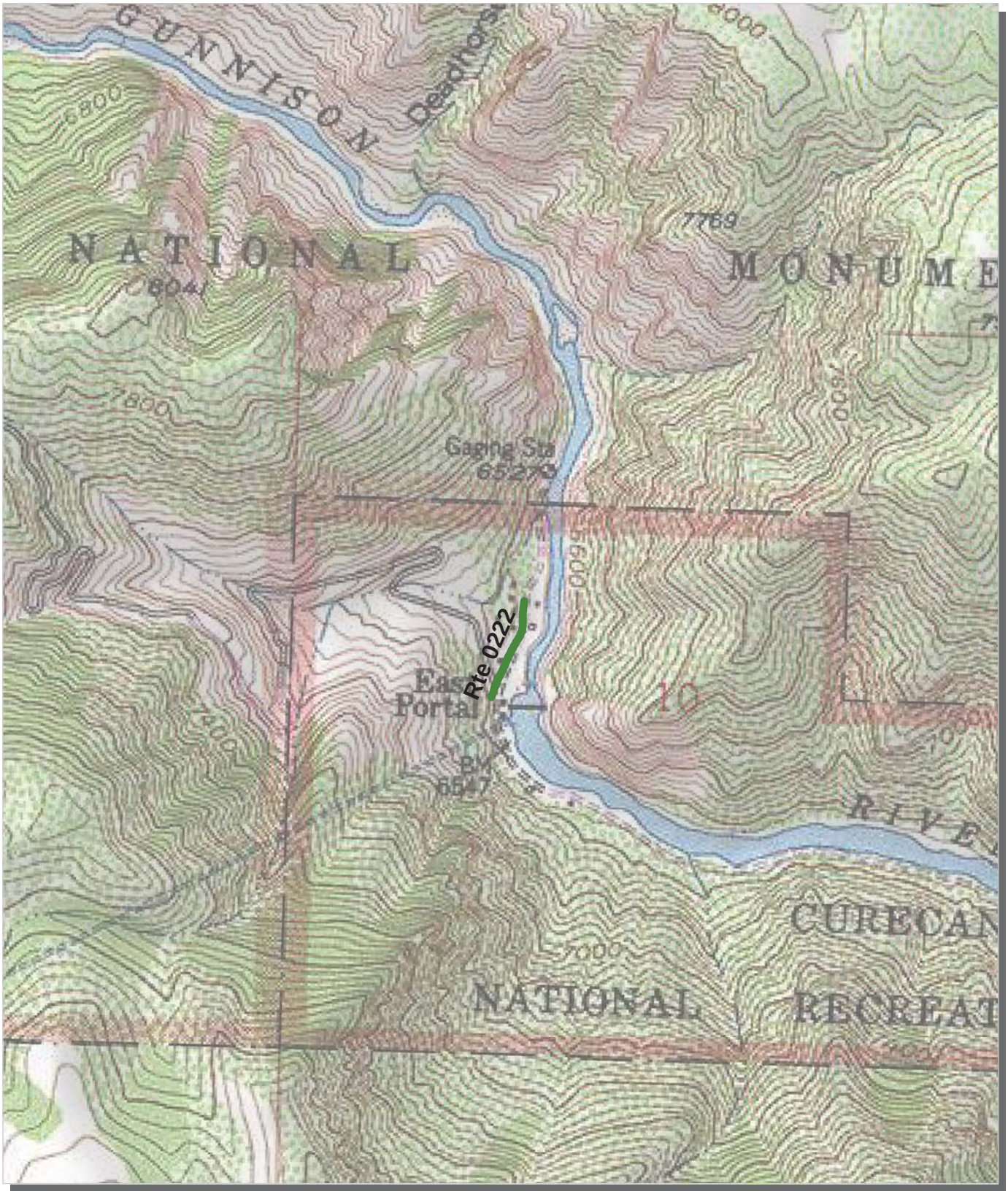


Park Owned Routes

3 0 3 6 Miles

N

Curecanti National Recreation Area
Route Location Map
Area Map 1

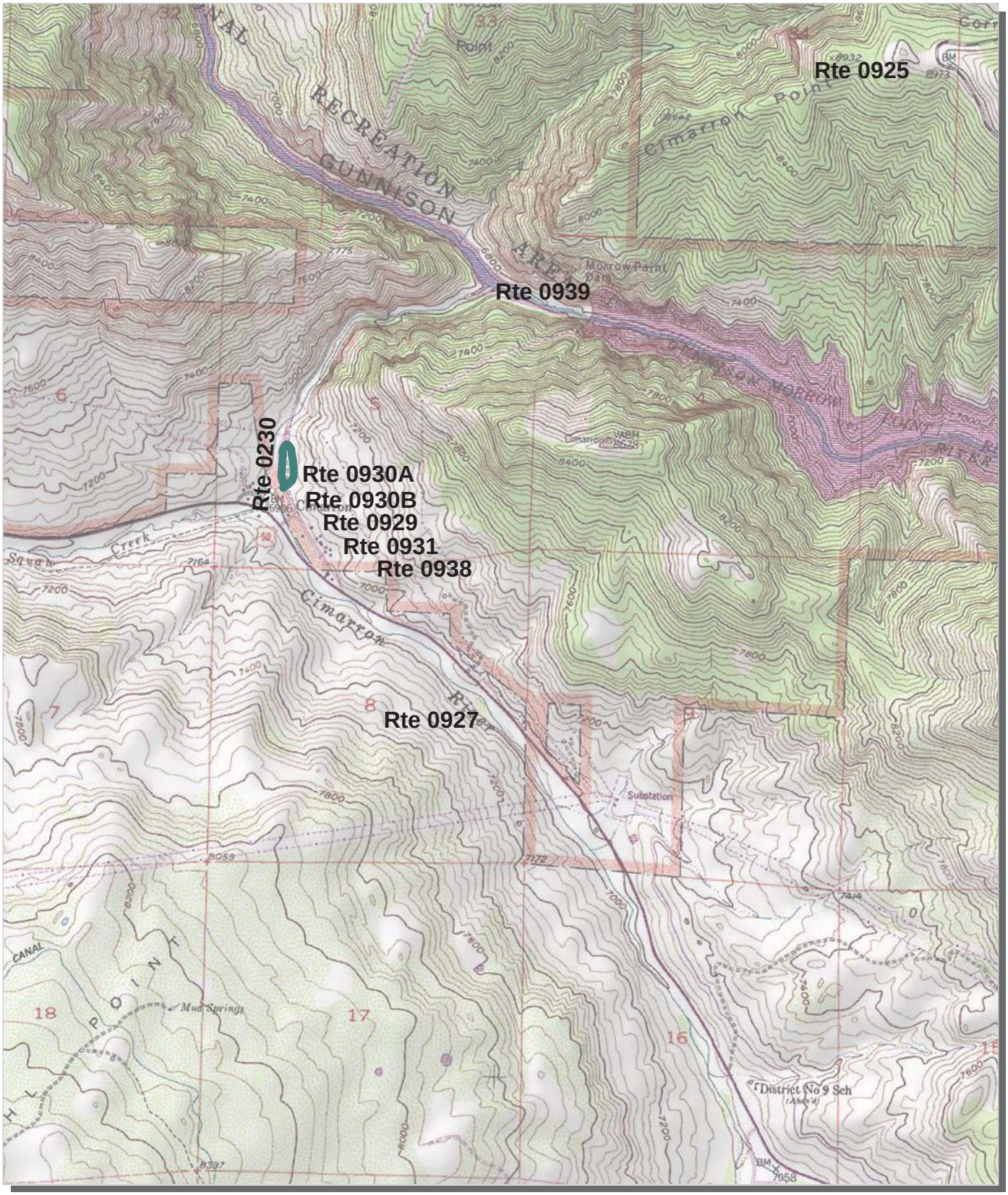


Unique colors used to differentiate routes.

0.25 0.125 0 0.25
Miles

N

Curecanti National Recreation Area
Route Location Map
Area Map 2

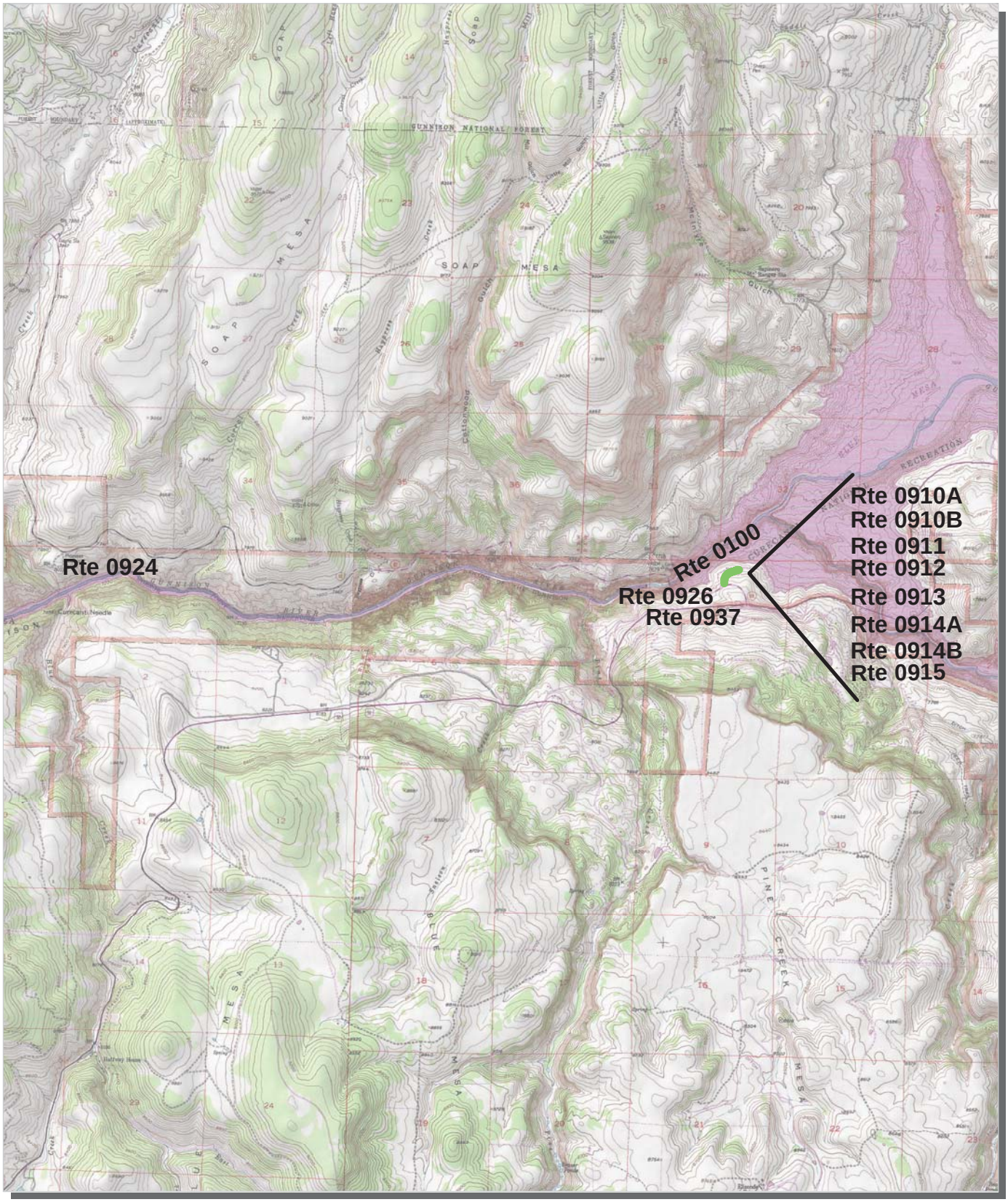


Unique colors used to differentiate routes.

0.5 0.25 0 0.5 Miles

N

Curecanti National Recreation Area
Route Location Map
Area Map 3

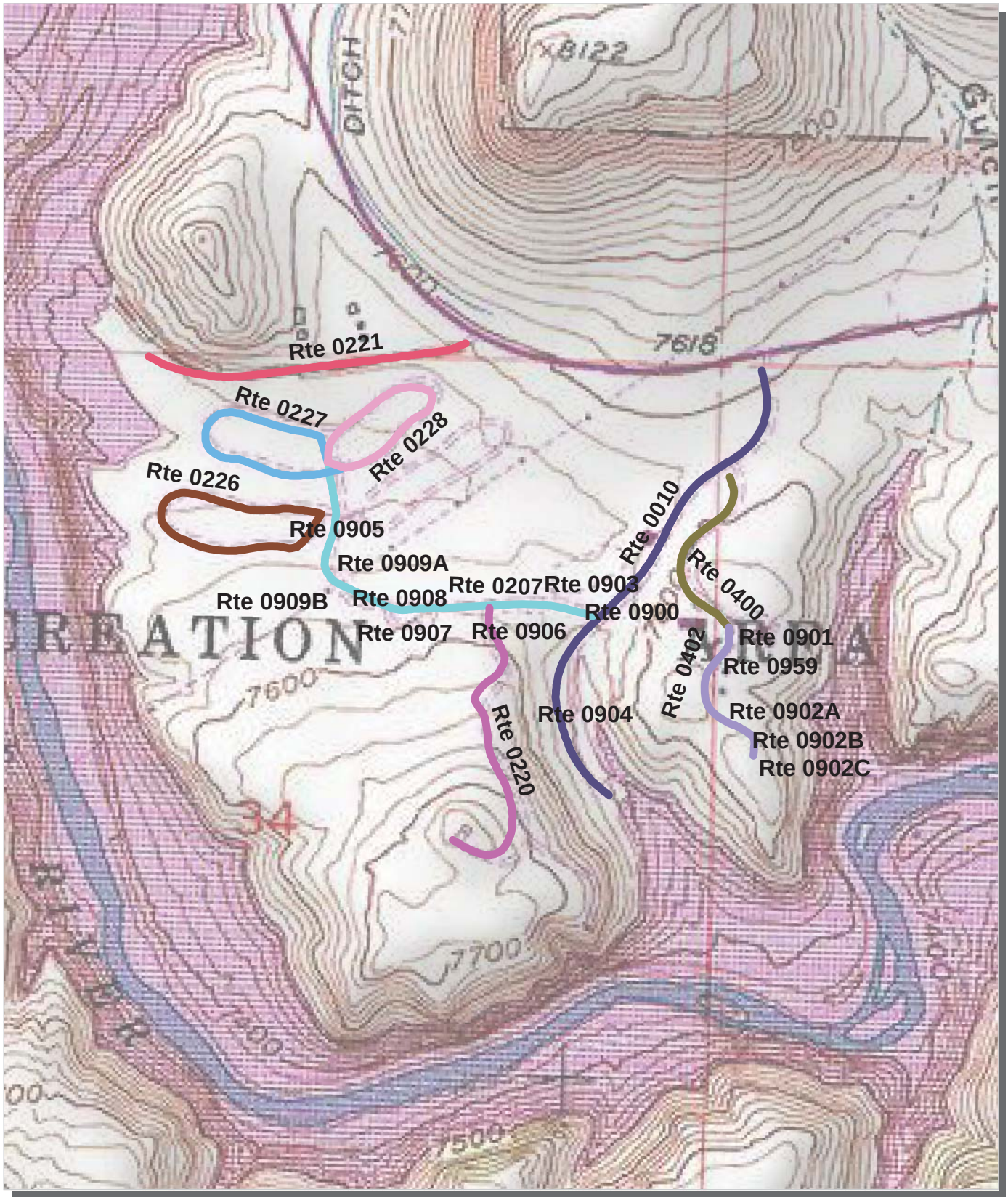


Unique colors used to differentiate routes

1 0.5 0 1 Miles

N

Curecanti National Recreation Area
Route Location Map
Area Map 4

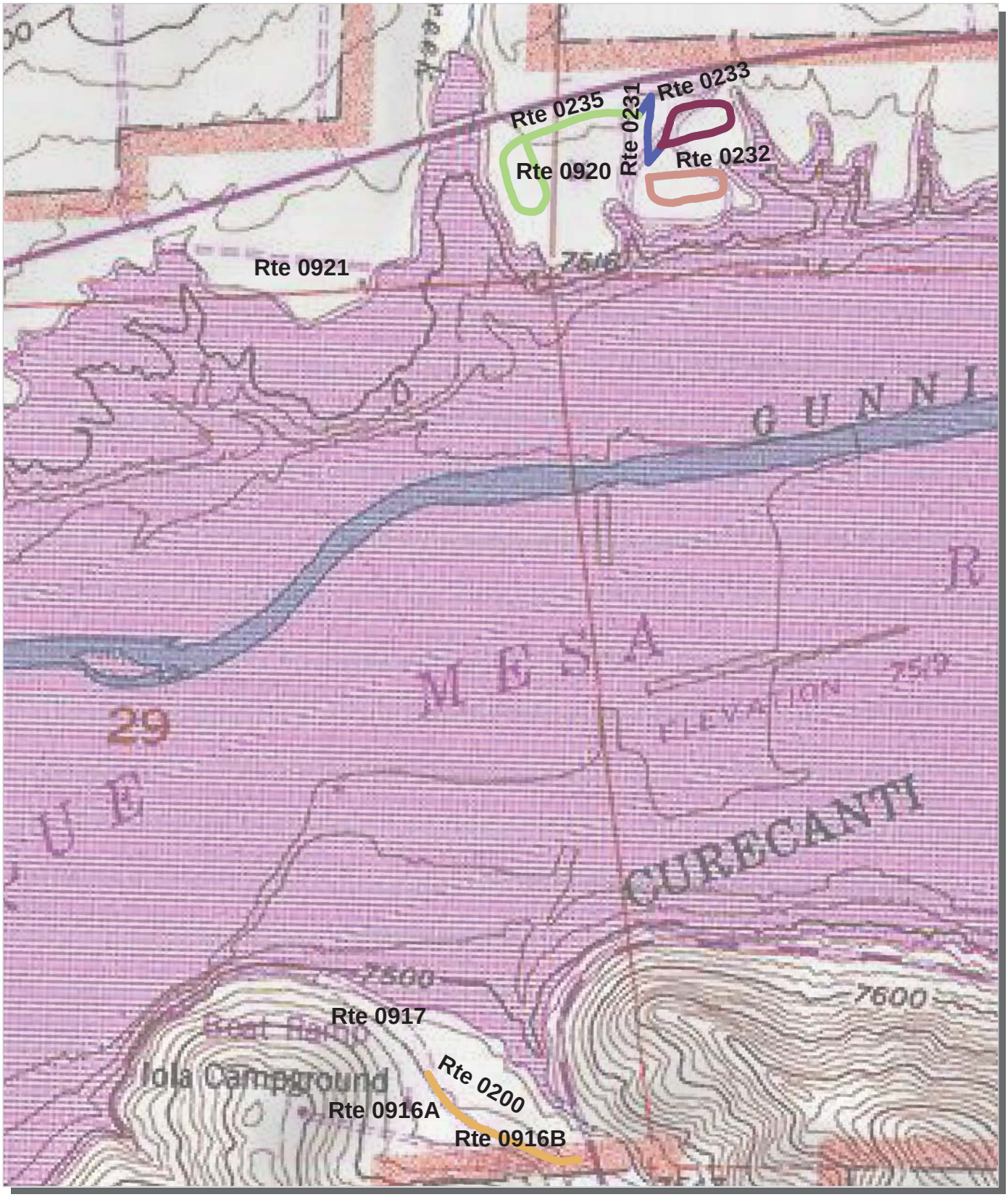


Unique colors used to differentiate routes

0.25 0.125 0 0.25 Miles

N

Curecanti National Recreation Area
Route Location Map
Area Map 5

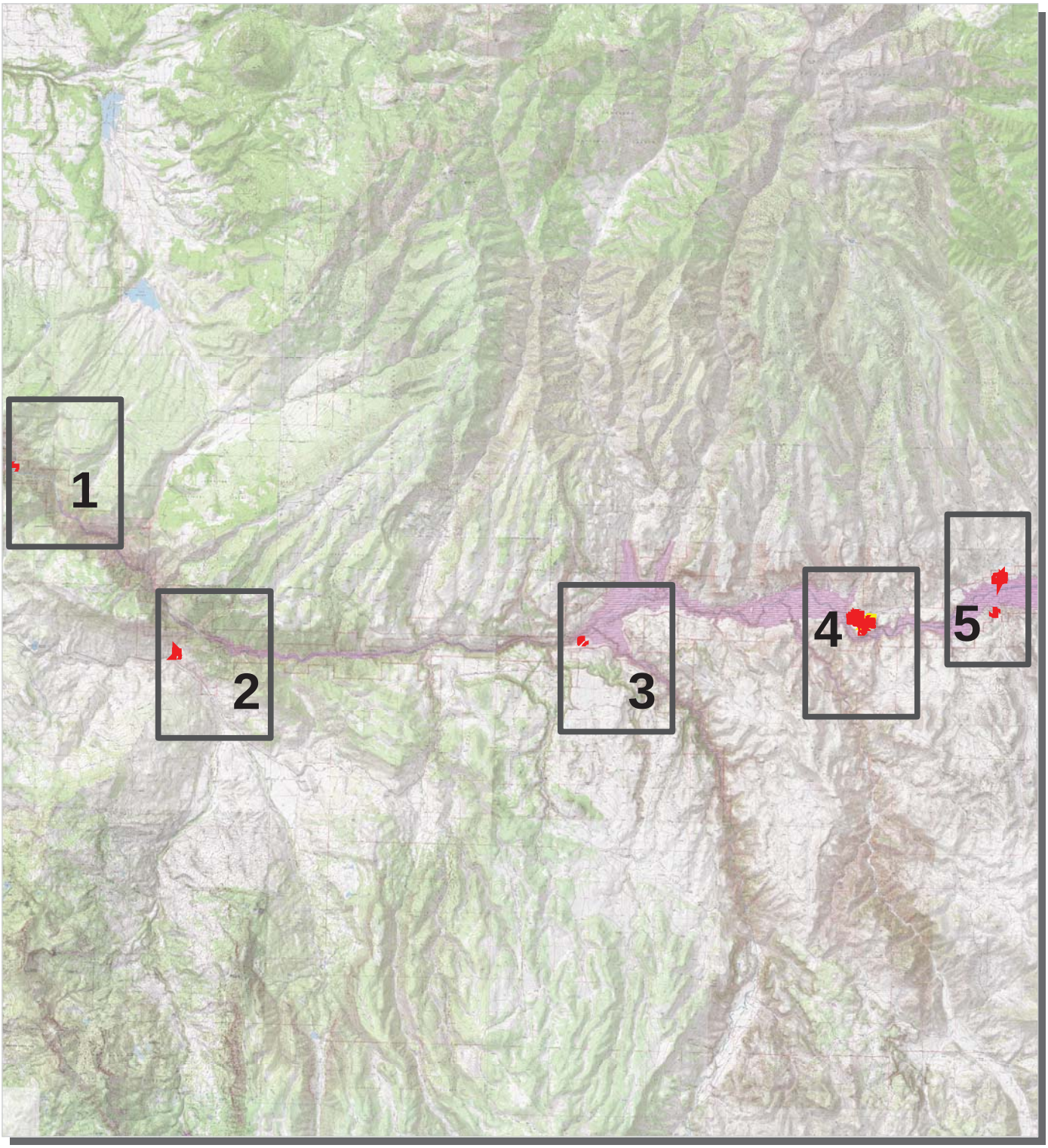


Unique colors used to differentiate routes

0.25 0.125 0 0.25 Miles

N

Curecanti National Recreation Area
Route Condition Key Map
PCR - Mile by Mile



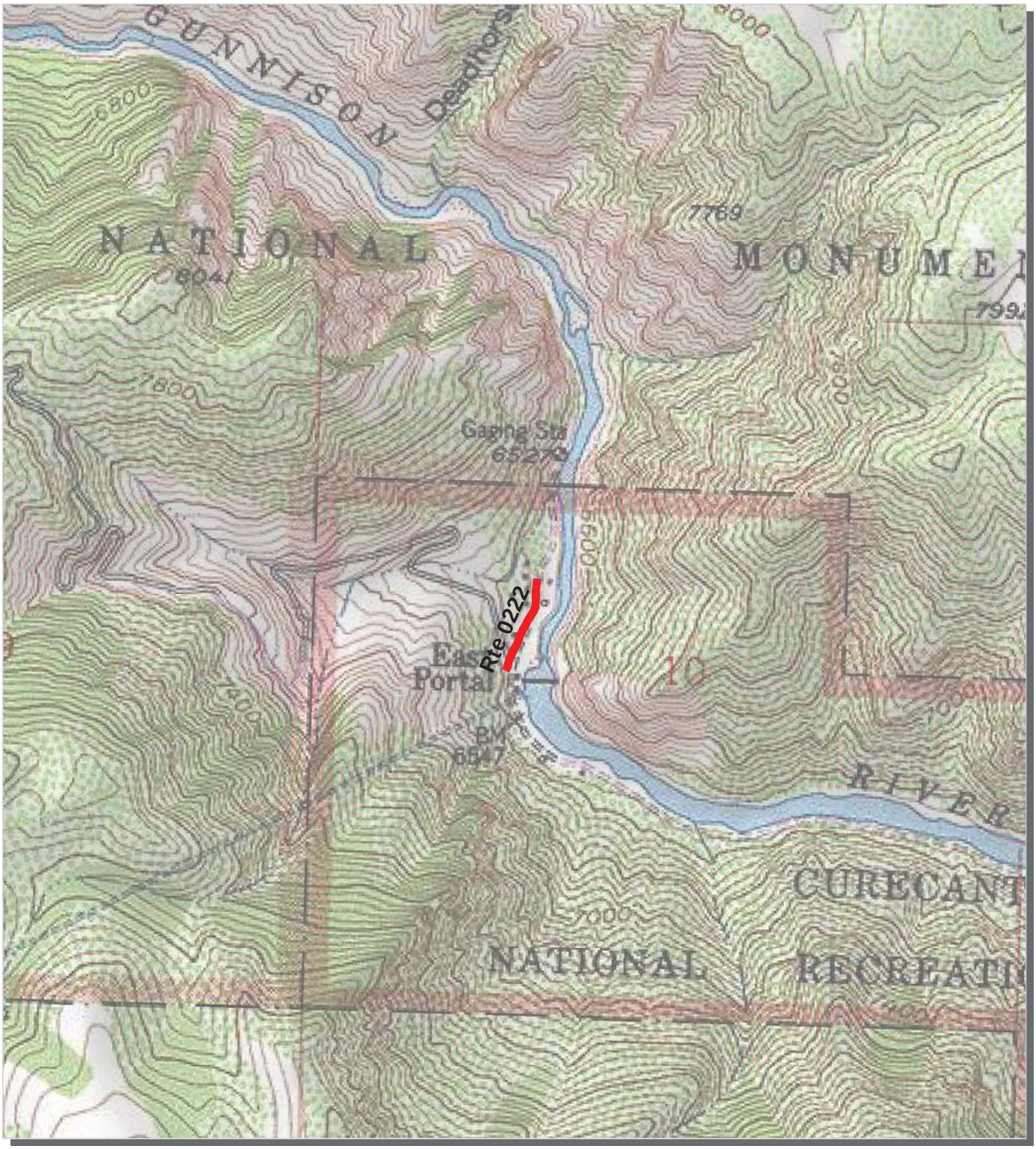
PCR	Poor	Fair	Good	Excellent
	(<=60)	(61 - 84)	(85 - 94)	(95 - 100)

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

5 2.5 0 5 Miles

N

Curecanti National Recreation Area
Route Condition Area Map 1
PCR - Mile by Mile



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

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0.25 0.125 0 0.25
Miles

N

Curecanti National Recreation Area
Route Condition Area Map 2
PCR - Mile by Mile

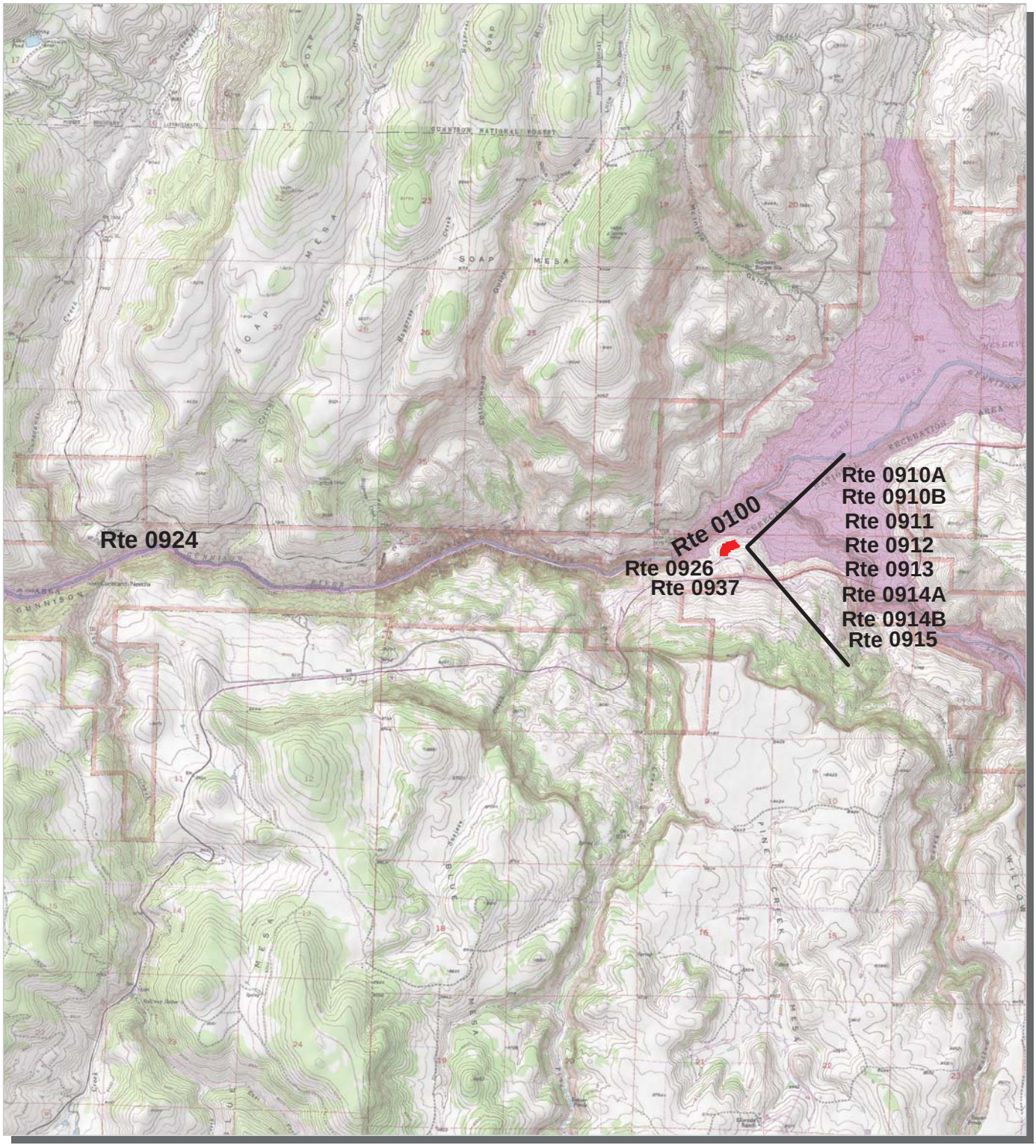
PCR	Poor	Fair	Good	Excellent
	(<=60)	(61 - 84)	(85 - 94)	(95 - 100)

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

0.5 0.25 0 0.5 Miles

N

Curecanti National Recreation Area
Route Condition Area Map 3
PCR - Mile by Mile



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

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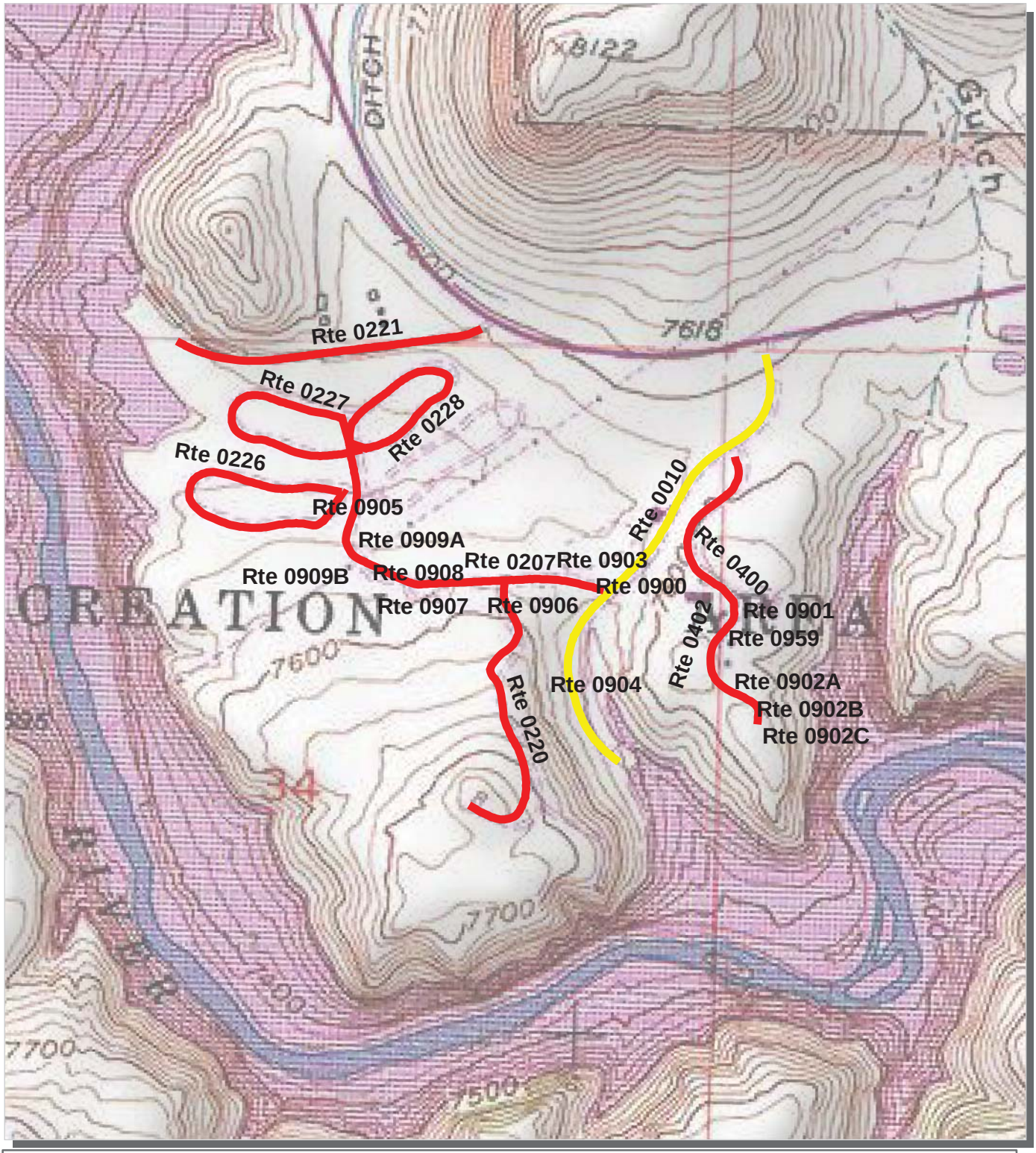
1 0.5 0 1 Miles

N

Curecanti National Recreation Area
Route Condition Area Map 4
PCR - Mile by Mile



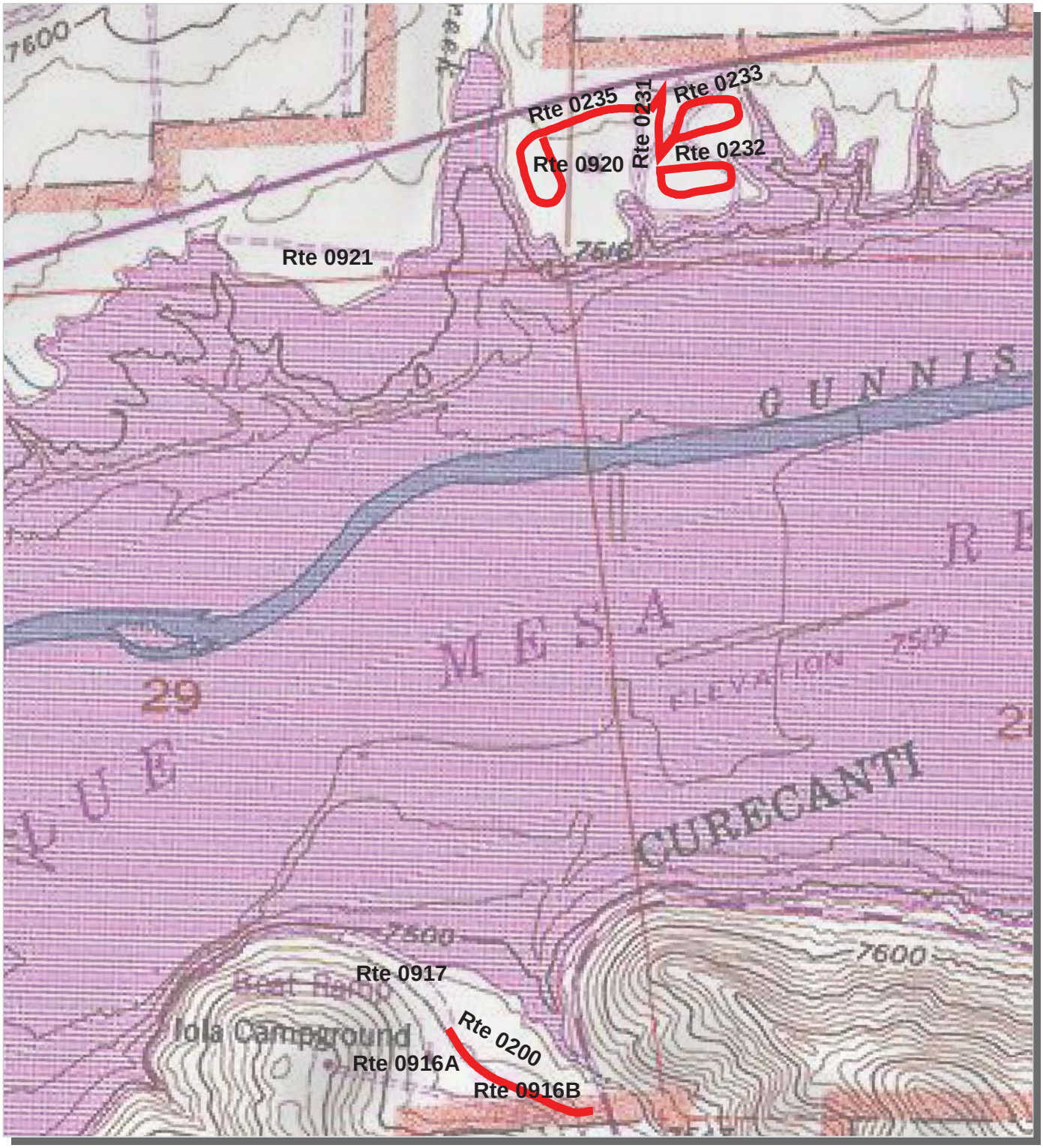
PCR	Poor	Fair	Good	Excellent
	(<=60)	(61 - 84)	(85 - 94)	(95 - 100)

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

0.25 0.125 0 0.25 Miles

N

Curecanti National Recreation Area
Route Condition Area Map 5
PCR - Mile by Mile



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

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

0.25 0.125 0 0.25 Miles

N

NPS/RIP Route ID Report

(Numerical By Route #)

Shading Color Key:
Red text denotes approx. mileage

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

CURE

Curecanti National Recreation Area

Rte. #	FMSS Asset #	Route Name	Route Description From	Route Description To	Paved Miles	Un-Paved Miles	Rte. Lgth	Func. Class	Rte. Lanes	Manual Rated SQ/FT	Surf. Type
0010		ELK CREEK ENTRANCE ROAD	FROM US HIGHWAY 50	TO ROUTE 0904	0.59	0.00	0.59	1	2	0	AS
0100		LAKE FORK CAMPGROUND ROAD	FROM US HIGHWAY 92	TO ROUTE 0914A	0.18	0.00	0.18	2	2	0	AS
0101	75882	EAST ELK CREEK ROAD	FROM US HIGHWAY 50	TO ROUTE 0950	0.00	1.06	1.06	2	2	0	GR
0102		BAY OF CHICKENS ROAD	FROM US HIGHWAY 50	TO ROUTE 0951	0.00	0.59	0.59	2	2	0	GR
0103		DRY GULCH ROAD	FROM US HIGHWAY 50	TO ROUTE 0952	0.00	0.37	0.37	2	2	0	GR
0104	75883	RED CREEK ROAD	FROM US HIGHWAY 50	TO PARKING	0.00	0.45	0.45	2	2	0	GR
0105	75881	SOAP CREEK FS -721	FROM US HIGHWAY 92	TO ROUTE 0106	0.00	7.22	7.22	2	2	0	GR
0106		PONDEROSA ROAD	FROM FOREST SERVICE ROAD 721	TO ROUTE 0956	0.00	1.90	1.90	2	2	0	GR
0107	75884	GATEVIEW ROAD	FROM COUNTY ROAD 25	TO ROUTE 0958	0.00	5.09	5.09	2	2	0	GR
0200		IOLA ROAD	FROM STATE HIGHWAY 149	TO ROUTE 0917	0.22	0.00	0.22	3	2	0	AS
0206		WILLOW CREEK ROAD	FROM US HIGHWAY 50	TO ROUTE 0932	0.00	0.38	0.38	3	2	0	GR
0207		ELK CREEK CAMPGROUND ROAD	FROM ROUTE 0010	TO ROUTE 0228	0.45	0.00	0.45	3	2	0	AS
0220		ELK CREEK SERVICE ROAD	FROM ROUTE 0207	TO END	0.38	0.00	0.38	3	2	0	AS
0221		OLD US HWY 50	FROM US HIGHWAY 50	TO ROUTE 0935	0.37	0.00	0.37	3	2	0	AS
0222		EAST PORTAL CAMPGROUND ACCESS ROAD	FROM EAST PORTAL ROAD	TO END OF PAVEMENT	0.15	0.00	0.15	3	2	0	AS
0223		SAPINERO FISHING ACCESS ROAD	FROM US HIGHWAY 50	TO END	0.00	0.25	0.25	3	1	0	GR
0224		LAKE FORK FISHING ACCESS ROAD	FROM US HIGHWAY 92	TO END	0.00	0.23	0.23	3	1	0	GR
0225	75885	NORTH WILLOW CREEK ROAD	FROM US HIGHWAY 50	TO END	0.00	0.35	0.35	3	2	0	GR
0226		ELK CREEK CAMPGROUND LOOP A	FROM ROUTE 0207	TO ROUTE 0226	0.41	0.00	0.41	3	1	0	AS
0227		ELK CREEK CAMPGROUND LOOP B	FROM ROUTE 0228	TO ROUTE 0207	0.31	0.00	0.31	3	1	0	AS
0228		ELK CREEK CAMPGROUND LOOP C	FROM ROUTE 0207	TO ROUTE 0207	0.32	0.00	0.32	3	1	0	AS
0229		ELK CREEK CAMPGROUND LOOP D	FROM ROUTE 0207	TO ROUTE 0229	0.00	0.00	0.00	3	1	0	GR
0230		CIMARRON CAMPGROUND LOOP	FROM MORROW POINT DAM ROAD	TO ROUTE 0230	0.31	0.00	0.31	3	2	0	AS
0231		NEW STEVENS CREEK CAMPGROUND ROAD	FROM US HIGHWAY 50	TO ROUTE 0232	0.10	0.00	0.10	3	2	0	AS
0232		NEW STEVENS CREEK CAMPGROUND LOOP A	FROM ROUTE 0231	TO ROUTE 0232	0.20	0.00	0.20	3	2	0	AS
0233		NEW STEVENS CREEK CAMPGROUND LOOP B	FROM ROUTE 0231	TO ROUTE 0233	0.21	0.00	0.21	3	2	0	AS
0235		NEW STEVENS CREEK CAMPGROUND LOOP C	FROM ROUTE 0231	TO ROUTE 0235	0.33	0.00	0.33	3	2	0	AS
0400		ELK CREEK MAINTENANCE ROAD	FROM ROUTE 0010	TO ROUTE 0402	0.22	0.00	0.22	5	2	0	AS
0402		ELK CREEK RESIDENCE ROAD	FROM ROUTE 0400	TO END	0.19	0.00	0.19	5	2	0	AS
0900		MAINTENANCE AREA	FROM ROUTE 0400	TO PARKING	0.00	0.00	0.00	9		39,845	AS
0901		EMPLOYEE PARKING	FROM ROUTE 0402	TO PARKING	0.00	0.00	0.00	9		4,496	AS

NPS/RIP Route ID Report

(Numerical By Route #)

Shading Color Key:
Red text denotes approx. mileage

White = Paved Routes, ARAN Driven
Yellow = Unpaved Routes, ARAN not Driven
Blue = All Paved Parking Areas
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Purple =

CURE

Curecanti National Recreation Area

Rte. #	FMSS Asset #	Route Name	Route Description From	Route Description To	Paved Miles	Un-Paved Miles	Rte. Lgth	Func. Class	Rte. Lanes	Manual Rated SQ/FT	Surf. Type
0902A		HOUSING PARKING	FROM ROUTE 0402	TO PARKING	0.00	0.00	0.00	9		2,415	AS
0902B		HOUSING PARKING	FROM ROUTE 0402	TO PARKING	0.00	0.00	0.00	9		1,772	AS
0902C		HOUSING PARKING	FROM ROUTE 0402	TO PARKING	0.00	0.00	0.00	9		1,461	AS
0902D		HOUSING PARKING	FROM ROUTE 0402	TO PARKING	0.00	0.00	0.00	9		1,500	GR
0903		VISITOR CENTER PARKING	FROM ROUTE 0010	TO ROUTE 0207	0.00	0.00	0.00	9		73,356	AS
0904		MARINA PARKING	FROM ROUTE 0010	TO PARKING	0.00	0.00	0.00	9		94,510	AS
0905		ELK CREEK CAMPGROUND HOST PARKING	FROM ROUTE 0207	TO PARKING	0.00	0.00	0.00	9		4,733	AS
0906		ELK CREEK PICNIC AREA PARKING	FROM ROUTE 0207	TO ROUTE 0220	0.00	0.00	0.00	9		16,823	AS
0907		SEWER DUMP STATION PARKING	FROM ROUTE 0207	TO ROUTE 0207	0.00	0.00	0.00	9		8,645	AS
0908		WASH STATION	FROM ROUTE 0207	TO PARKING	0.00	0.00	0.00	9		2,020	CO
0909A		KIOSK PARKING	FROM ROUTE 0207	TO PARKING	0.00	0.00	0.00	9		1,226	AS
0909B		KIOSK PARKING	FROM ROUTE 0207	TO PARKING	0.00	0.00	0.00	9		865	AS
0910A		LAKE FORK VISITOR CENTER PARKING	FROM ROUTE 0100	TO PARKING	0.00	0.00	0.00	9		1,865	AS
0910B		LAKE FORK VISITOR CENTER PARKING	FROM ROUTE 0100	TO PARKING	0.00	0.00	0.00	9		2,045	AS
0911		LAKE FORK SEWAGE DUMP STATION	FROM ROUTE 0100	TO ROUTE 0100	0.00	0.00	0.00	9		6,665	AS
0912		LAKE FORK UPPER CAMPGROUND LOOP PARKING	FROM ROUTE 0914B	TO PARKING	0.00	0.00	0.00	9		67,591	AS
0913		LAKE FORK LOWER CAMPGROUND LOOP PARKING	FROM ROUTE 0100	TO PARKING	0.00	0.00	0.00	9		101,630	AS
0914A		LAKE FORK MARINA PARKING	FROM ROUTE 0100	TO PARKING	0.00	0.00	0.00	9		62,328	AS
0914B		LAKE FORK MARINA PARKING	FROM ROUTE 0914A	TO ROUTE 0914A	0.00	0.00	0.00	9		18,583	AS
0915		LAKE FORK HANDICAPP PARKING	FROM ROUTE 0913	TO PARKING	0.00	0.00	0.00	9		783	AS
0916A		IOLA PARKING	FROM ROUTE 0200	TO PARKING	0.00	0.00	0.00	9		5,325	AS
0916B		IOLA PARKING	FROM ROUTE 0200	TO PARKING	0.00	0.00	0.00	9		4,161	AS
0917		IOLA BOAT PARKING	FROM ROUTE 0200	TO PARKING	0.00	0.00	0.00	9		59,881	AS
0918		NEVERSINK PARKING	FROM US HIGHWAY 50	TO PARKING	0.00	0.00	0.00	9		8,689	AS
0919		COOPER RANCH PARKING	FROM US HIGHWAY 50	TO PARKING	0.00	0.00	0.00	9		20,458	AS
0920		NEW STEVENS CREEK PARKING	FROM ROUTE 0231	TO PARKING	0.00	0.00	0.00	9		28,962	AS
0921		OLD STEVENS CREEK PARKING	FROM US HIGHWAY 50	TO PARKING	0.00	0.00	0.00	9		46,112	AS
0922		DRY CREEK PARKING	FROM US HIGHWAY 50	TO PARKING	0.00	0.00	0.00	9		47,257	AS
0923		DILLON PINNACLES PARKING	FROM US HIGHWAY 50	TO PARKING	0.00	0.00	0.00	9		21,787	AS
0924		PIONEER POINT PARKING	FROM STATE HIGHWAY 92	TO PARKING	0.00	0.00	0.00	9		20,640	AS
0925		HERMITS REST LOOKOUT	FROM STATE HIGHWAY 92	TO PARKING	0.00	0.00	0.00	9		11,590	AS

NPS/RIP Route ID Report

(Numerical By Route #)

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Rte. #	FMSS Asset #	Route Name	Route Description From	Route Description To	Paved Miles	Un-Paved Miles	Rte. Lgth	Func. Class	Rte. Lanes	Manual Rated SQ/FT	Surf. Type
0926	75050	BLUE MESA DAM PARKING	FROM STATE HIGHWAY 92	TO PARKING	0.00	0.00	0.00	9		13,356	AS
0927		EAST CIMARRON PARKING	FROM US HIGHWAY 50	TO PARKING	0.00	0.00	0.00	9		8,476	AS
0929		CIMARRON DUMP STATION	FROM BRI CIMARRON SERVICE ROAD	TO PARKING	0.00	0.00	0.00	9		7,291	AS
0930A		CIMARRON VISITOR CENTER PARKING	FROM MORROW POINT DAM ROAD	TO PARKING	0.00	0.00	0.00	9		1,162	AS
0930B		CIMARRON VISITOR CENTER PARKING	FROM MORROW POINT DAM ROAD	TO PARKING	0.00	0.00	0.00	9		1,817	AS
0931		CIMARRON EMPLOYEE PARKING	FROM MORROW POINT DAM ROAD	TO PARKING	0.00	0.00	0.00	9		3,016	AS
0932		BEAVER CREEK PARKING	FROM US HIGHWAY 50	TO PARKING	0.00	0.00	0.00	9		14,620	AS
0933		LAKE CITY BRIDGE PARKING	FROM STATE HIGHWAY 149	TO PARKING	0.00	0.00	0.00	9		9,394	AS
0934		WILLOW CREEK PARKING	FROM ROUTE 0206	TO PARKING	0.00	0.00	0.00	9		2,500	GR
0935		SWIM BEACH PARKING	FROM ROUTE 0221	TO PARKING	0.00	0.00	0.00	9		1,000	GR
0936		LAKE FORK BRIDGE PULLOUT	FROM US HIGHWAY 50	TO PARKING	0.00	0.00	0.00	9		3,000	GR
0937		LAKE FORK MAINTENANCE AREA	FROM STATE HIGHWAY 92	TO PARKING	0.00	0.00	0.00	9		41,310	AS
0938		CIMARRON MAINTENANCE AREA	FROM BRI CIMARRON SERVICE ROAD	TO PARKING	0.00	0.00	0.00	9		22,446	AS
0939		MORROW POINT DAM PICNIC AREA	FROM MORROW POINT DAM ROAD	TO PARKING	0.00	0.00	0.00	9		31,328	AS
0940		RIVERWAY PARKING	FROM US HIGHWAY 50	TO PARKING	0.00	0.00	0.00	9		12,300	GR
0941		NEVERSINK PARKING AREA A	FROM US HIGHWAY 50	TO PARKING	0.00	0.00	0.00	9		7,240	GR
0942		NEVERSINK PARKING AREA B	FROM US HIGHWAY 50	TO PARKING	0.00	0.00	0.00	9		12,200	GR
0943		COOPER RANCH PARKING AREA A	FROM US HIGHWAY 50	TO PARKING	0.00	0.00	0.00	9		14,400	GR
0944		COOPER RANCH PARKING AREA B	FROM US HIGHWAY 50	TO PARKING	0.00	0.00	0.00	9		6,315	GR
0945		GUNNISON RIVER ACCESS	FROM US HIGHWAY 50	TO PARKING	0.00	0.00	0.00	9		29,450	GR
0946		WILSON LANDING NORTH SIDE	FROM US HIGHWAY 50	TO PARKING	0.00	0.00	0.00	9		27,300	GR
0947		WILSON LANDING SOUTH SIDE	FROM US HIGHWAY 50	TO PARKING	0.00	0.00	0.00	9		13,570	GR
0949		OLD HWY 50 PARKING	FROM US HIGHWAY 50	TO PARKING	0.00	0.00	0.00	9		7,500	GR
0950		EAST ELK CREEK PARKING	FROM EAST ELK CREEK ROAD	TO PARKING	0.00	0.00	0.00	9		6,735	GR
0951		BAY OF CHICKENS PARKING	FROM BAY OF CHICKENS ROAD	TO PARKING	0.00	0.00	0.00	9		8,000	GR
0952		DRY GULCH PARKING	FROM DRY GULCH ROAD	TO PARKING	0.00	0.00	0.00	9		18,200	GR
0953		RED CREEK PARKING	FROM RED CREEK ROAD	TO PARKING	0.00	0.00	0.00	9		6,520	GR
0954		McINTIRE GULCH PARKING A	FROM FOOREST SERVICE ROAD 721	TO PARKING	0.00	0.00	0.00	9		11,900	GR
0955		McINTIRE GULCH PARKING B	FROM FOREST SERVICE ROAD 721	TO PARKING	0.00	0.00	0.00	9		3,500	GR
0956		PONDEROSA ROAD PARKING	FROM PONDEROSA ROAD	TO PARKING	0.00	0.00	0.00	9		9,750	GR

NPS/RIP Route ID Report

(Numerical By Route #)

Shading Color Key:
Red text denotes approx. mileage

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

CURE

Curecanti National Recreation Area

Rte. #	FMSS Asset #	Route Name	Route Description From	To	Paved Miles	Un-Paved Miles	Rte. Lgth	Func. Class	Rte. Lanes	Manual Rated SQ/FT	Surf. Type
0957		CRYSTAL PARKING AREA	FROM US HIGHWAY 92	TO PARKING	0.00	0.00	0.00	9		6,624	GR
0958		GATEVIEW ROAD PARKING	FROM GATEVIEW ROAD	TO PARKING	0.00	0.00	0.00	9		21,449	GR
0959		UPPER RESIDENCE PARKING	FROM ROUTE 0402	TO PARKING	0.00	0.00	0.00	9		10,311	AS
				Totals:	4.94	17.89	**22.83**			1,184,001	

General Park Road Functional Classification Table

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

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

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

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

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

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

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

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

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

****

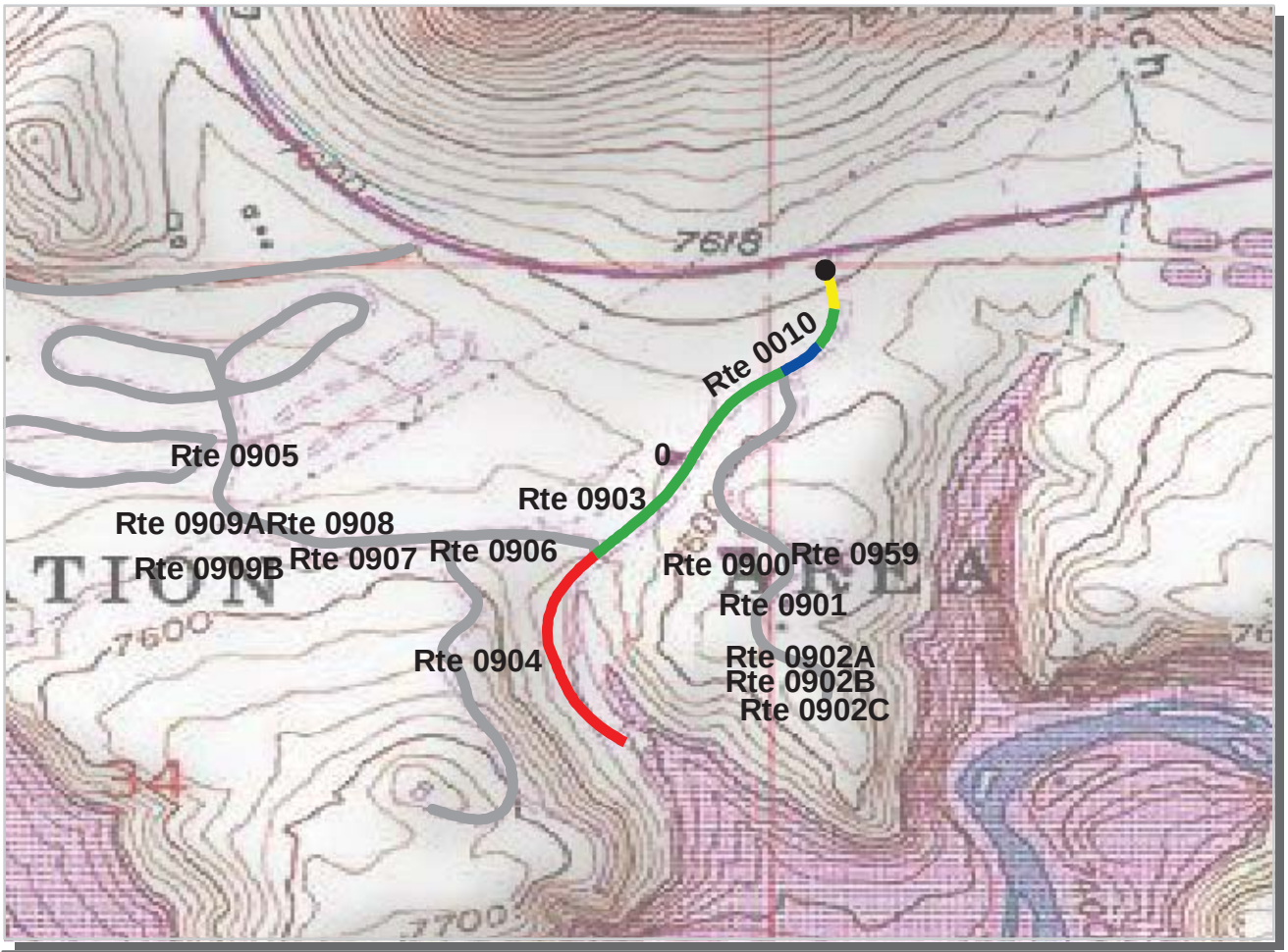
A park road system contains those roads within or giving access to a park or other unit of the NPS which are administered by the NPS, or by the Service in cooperation with other agencies. The assignment of a functional classification (FC) to a park road is not based on traffic volumes or design speed,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

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

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

Surface Type Abbreviations:

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



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

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

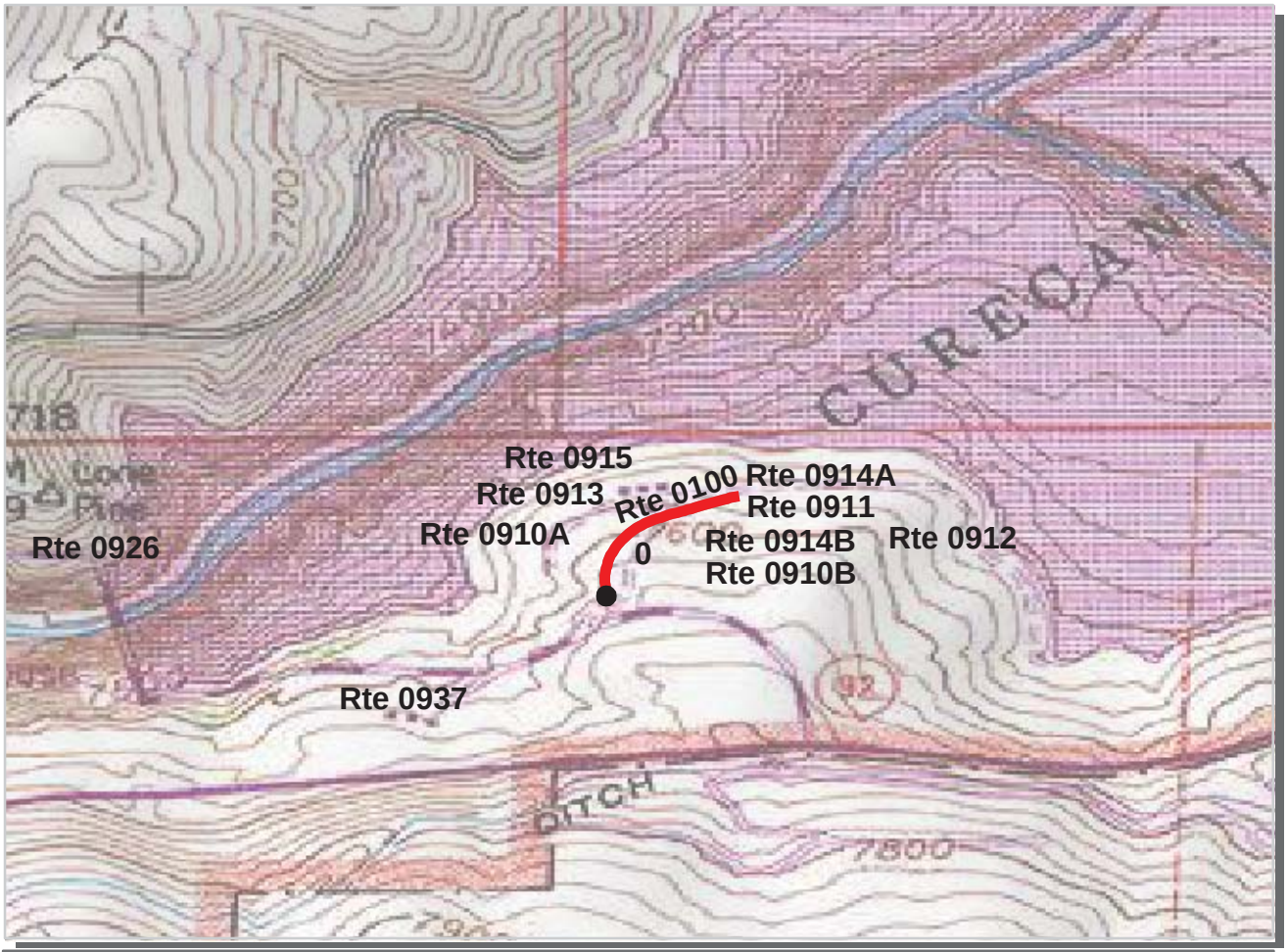
Intermountain Region
CURE : Curecanti National Recreation Area

ROUTE: 0010 Elk Creek Entrance Road **TOTAL LENGTH: 0.59 Miles**

Section Number	0				
Section Length (mi)	0.59				
AADT	**				
SADT	**				
ADT Date	**				
Cross Section Information					
Number of Lanes	2				
Paved Width (ft)	20				
Lane Width (ft)	10				
Shoulder Width (ft)	0				
Roadway Condition Information					
PCR (Pavement Condition Rating)	70				
RCI (Roughness Condition Index)	70				
SCR (Surface Condition Rating)	70				
Alligator Cracking Index	98				
Rutting Index	81				
Patching Index	100				
Tranverse Cracking Index	95				
Longitudinal Cracking Index	94				
Shoulder Condition Rating	N/A				
Drainage Condition Rating	GOOD				

* NC designates data not collected NA designates not applicable

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



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

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

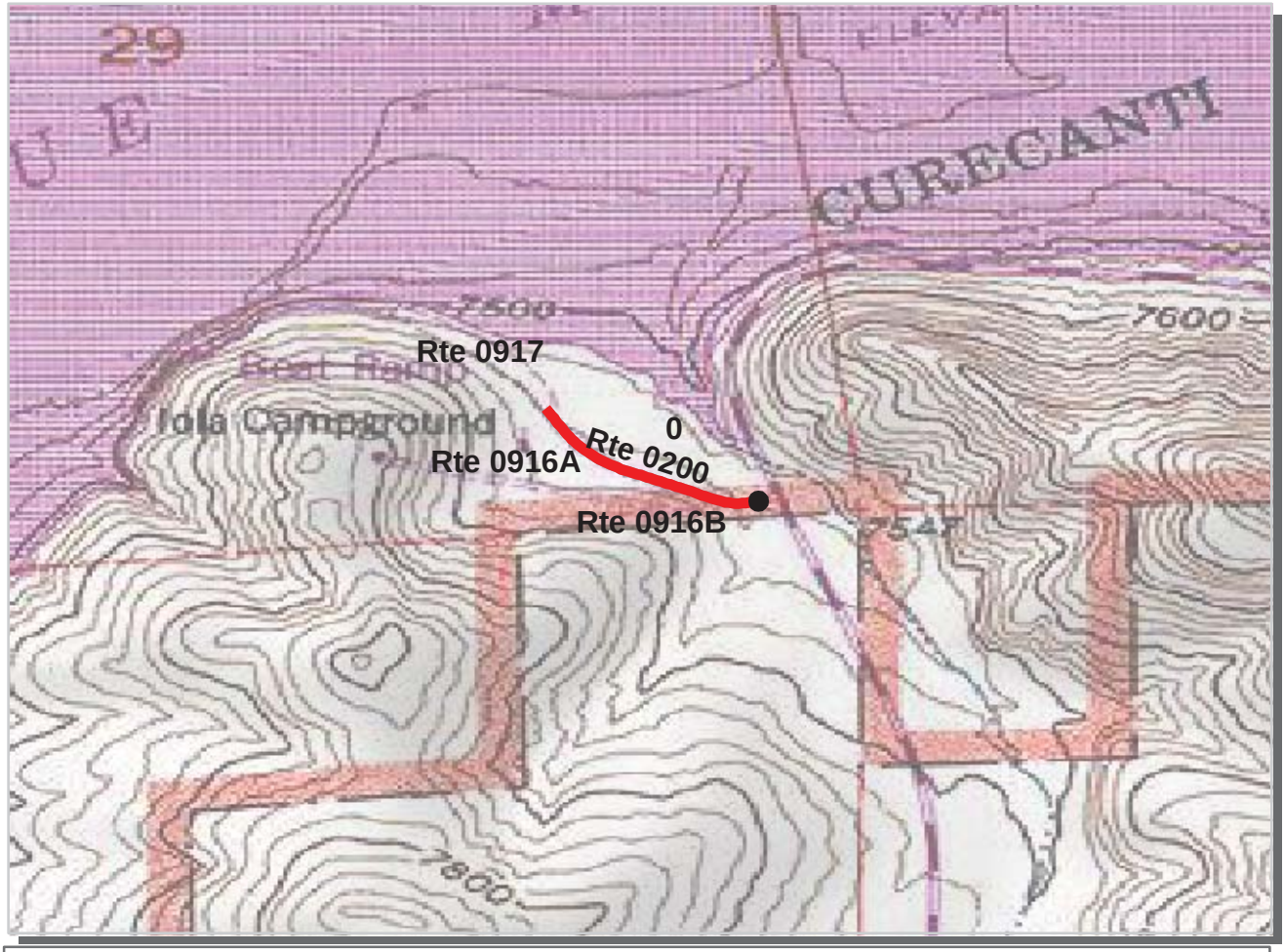
Intermountain Region
CURE : Curecanti National Recreation Area

ROUTE: 0100 Lake Fork Campground Road **TOTAL LENGTH: 0.18 Miles**

Section Number	0				
Section Length (mi)	0.18				
AADT	**				
SADT	**				
ADT Date	**				
Cross Section Information					
Number of Lanes	2				
Paved Width (ft)	21				
Lane Width (ft)	11				
Shoulder Width (ft)	0				
Roadway Condition Information					
PCR (Pavement Condition Rating)	21				
RCI (Roughness Condition Index)	35				
SCR (Surface Condition Rating)	16				
Alligator Cracking Index	86				
Rutting Index	40				
Patching Index	99				
Tranverse Cracking Index	82				
Longitudinal Cracking Index	90				
Shoulder Condition Rating	N/A				
Drainage Condition Rating	GOOD				

* NC designates data not collected NA designates not applicable

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



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

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

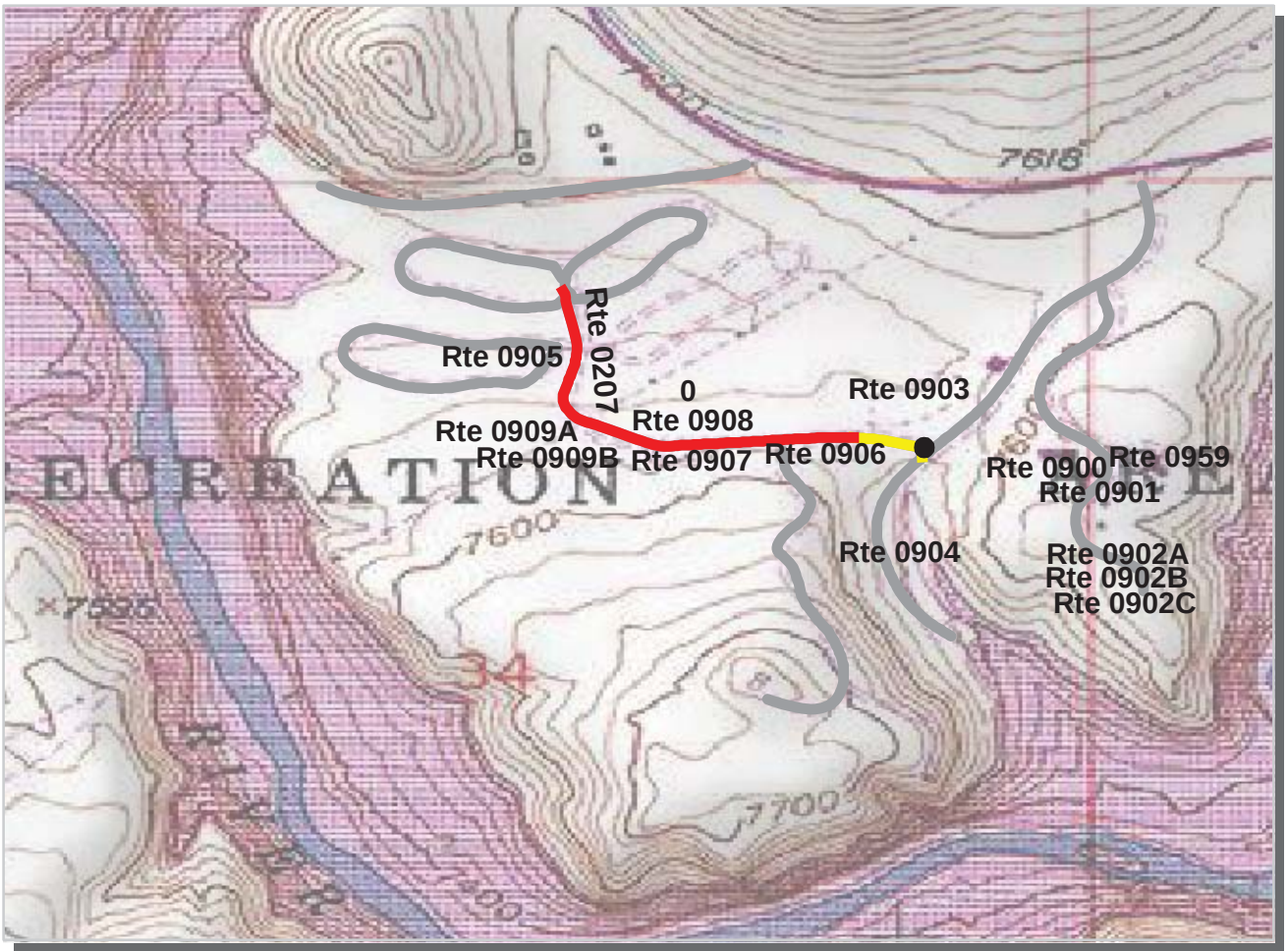
Intermountain Region
CURE : Curecanti National Recreation Area

ROUTE: 0200 Iola Road **TOTAL LENGTH: 0.22 Miles**

Section Number	0				
Section Length (mi)	0.22				
AADT	**				
SADT	**				
ADT Date	**				
Cross Section Information					
Number of Lanes	2				
Paved Width (ft)	21				
Lane Width (ft)	12				
Shoulder Width (ft)	0				
Roadway Condition Information					
PCR (Pavement Condition Rating)	22				
RCI (Roughness Condition Index)	35				
SCR (Surface Condition Rating)	16				
Alligator Cracking Index	90				
Rutting Index	50				
Patching Index	100				
Tranverse Cracking Index	76				
Longitudinal Cracking Index	85				
Shoulder Condition Rating	N/A				
Drainage Condition Rating	GOOD				

* NC designates data not collected NA designates not applicable

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



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

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

Intermountain Region

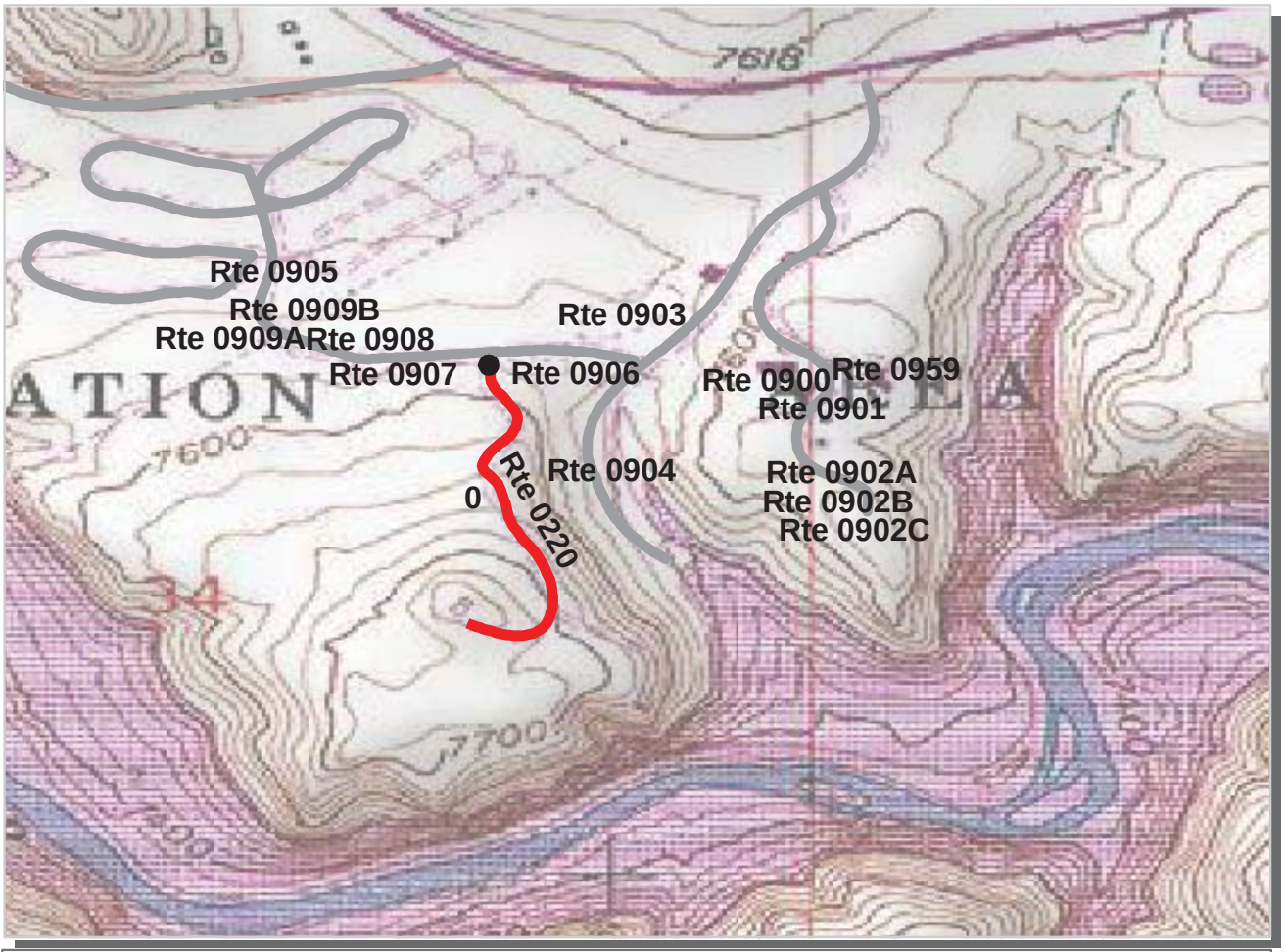
CURE : Curecanti National Recreation Area

ROUTE: 0207 Elk Creek Campground Road **TOTAL LENGTH: 0.45 Miles**

Section Number	0				
Section Length (mi)	0.45				
AADT	**				
SADT	**				
ADT Date	**				
Cross Section Information					
Number of Lanes	2				
Paved Width (ft)	21				
Lane Width (ft)	9				
Shoulder Width (ft)	3				
Roadway Condition Information					
PCR (Pavement Condition Rating)	38				
RCI (Roughness Condition Index)	44				
SCR (Surface Condition Rating)	32				
Alligator Cracking Index	98				
Rutting Index	58				
Patching Index	98				
Tranverse Cracking Index	87				
Longitudinal Cracking Index	89				
Shoulder Condition Rating	GOOD				
Drainage Condition Rating	GOOD				

* NC designates data not collected NA designates not applicable

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



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

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

Intermountain Region

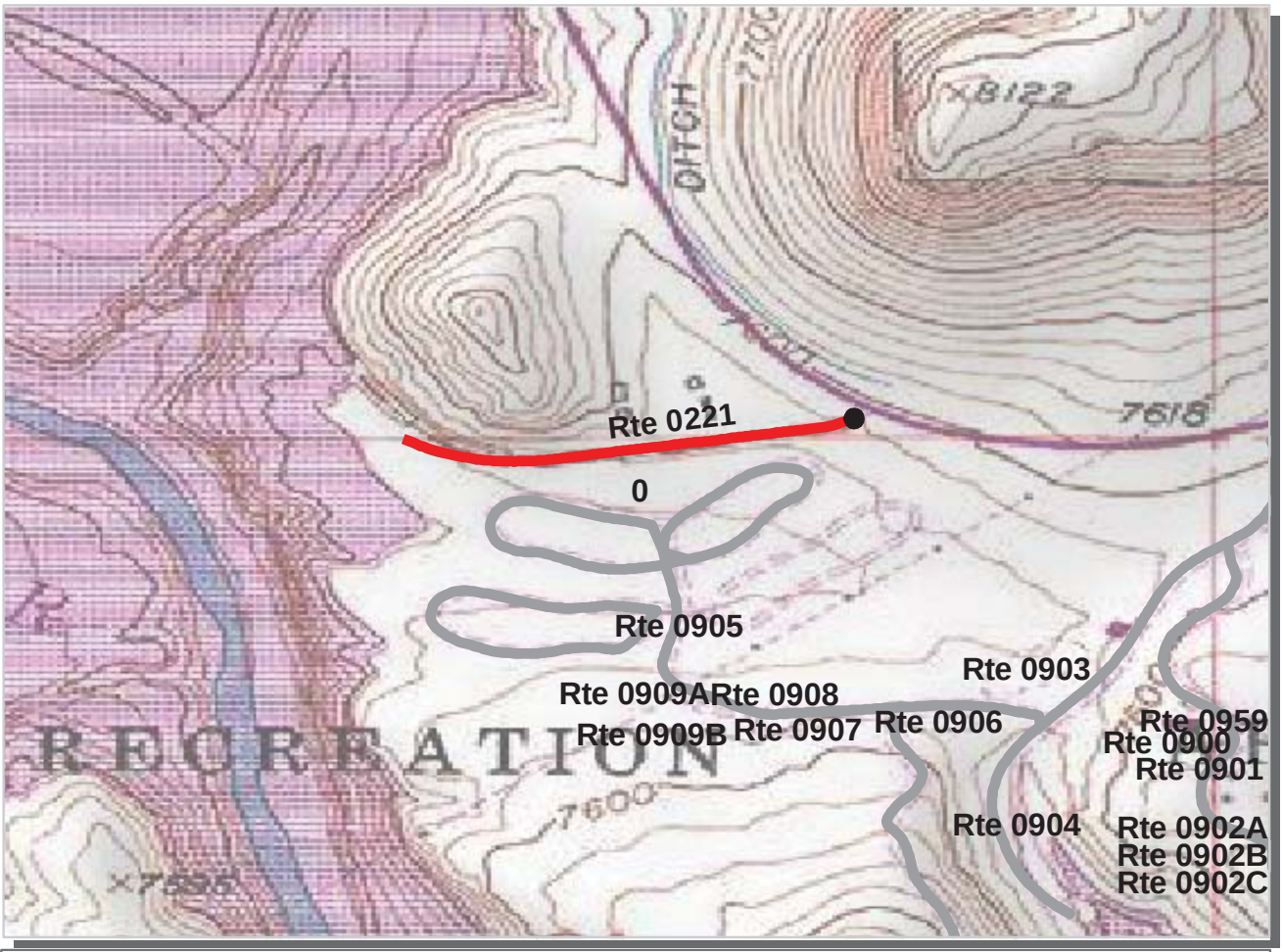
CURE : Curecanti National Recreation Area

ROUTE: 0220 Elk Creek Service Road **TOTAL LENGTH: 0.38 Miles**

Section Number	0				
Section Length (mi)	0.38				
AADT	**				
SADT	**				
ADT Date	**				
Cross Section Information					
Number of Lanes	2				
Paved Width (ft)	24				
Lane Width (ft)	12				
Shoulder Width (ft)	4				
Roadway Condition Information					
PCR (Pavement Condition Rating)	36				
RCI (Roughness Condition Index)	54				
SCR (Surface Condition Rating)	31				
Alligator Cracking Index	91				
Rutting Index	62				
Patching Index	99				
Tranverse Cracking Index	82				
Longitudinal Cracking Index	94				
Shoulder Condition Rating	GOOD				
Drainage Condition Rating	GOOD				

* NC designates data not collected NA designates not applicable

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



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

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

Intermountain Region

CURE : Curecanti National Recreation Area

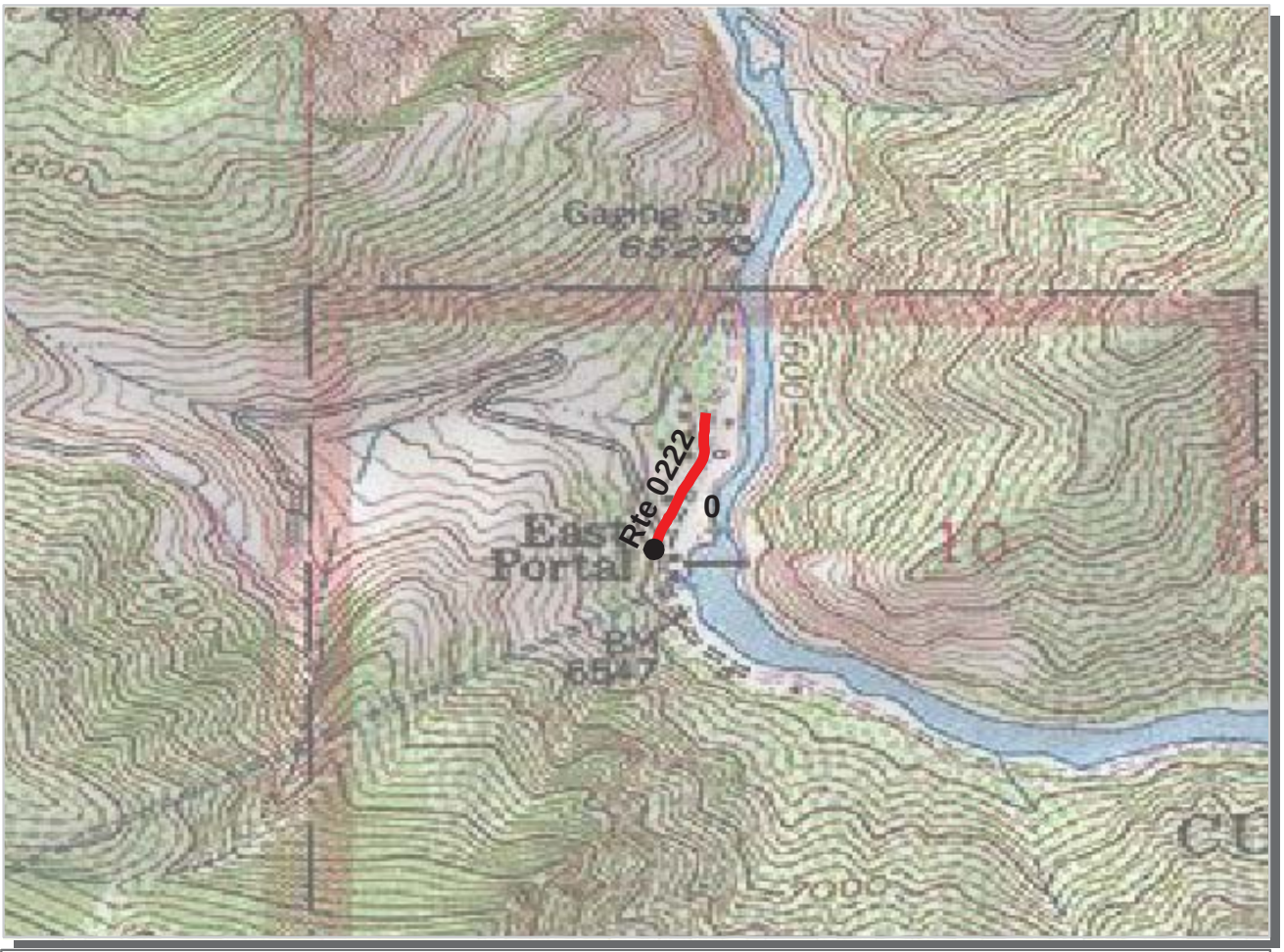
ROUTE: 0221 Old Us Hwy 50 **TOTAL LENGTH: 0.37 Miles**

Section Number	0				
Section Length (mi)	0.37				
AADT	**				
SADT	**				
ADT Date	**				
Cross Section Information					
Number of Lanes	2				
Paved Width (ft)	19				
Lane Width (ft)	10				
Shoulder Width (ft)	0				
Roadway Condition Information					
PCR (Pavement Condition Rating)	20				
RCI (Roughness Condition Index)	49				
SCR (Surface Condition Rating)	3				
Alligator Cracking Index	80				
Rutting Index	48				
Patching Index	91				
Tranverse Cracking Index	63				
Longitudinal Cracking Index	80				
Shoulder Condition Rating	N/A				
Drainage Condition Rating	GOOD				

* NC designates data not collected NA designates not applicable

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

ROUTE: 0221 Old Us Hwy 50



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

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

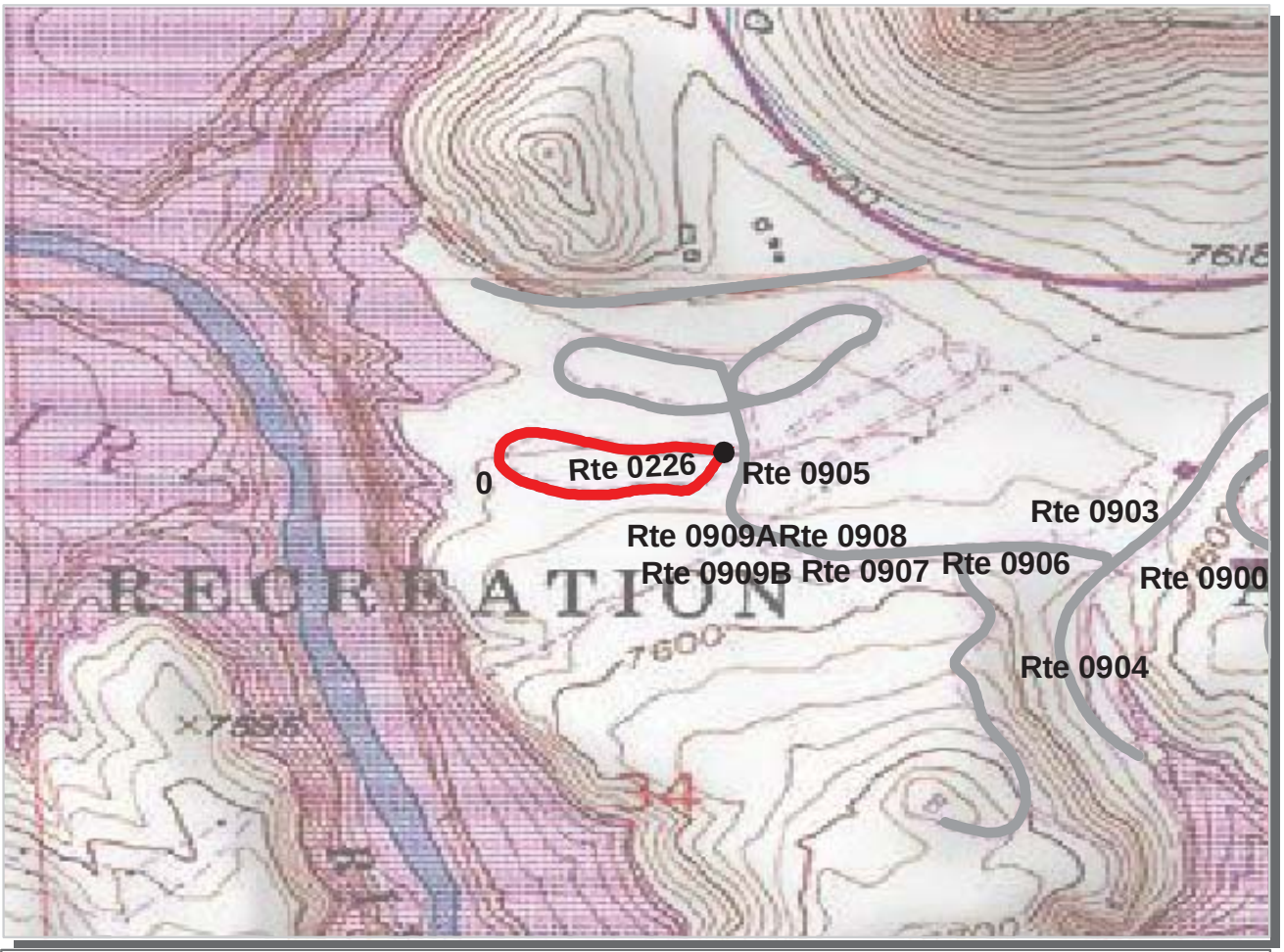
Intermountain Region
CURE : Curecanti National Recreation Area

ROUTE: 0222 East Portal Campground Access Road **TOTAL LENGTH: 0.15 Miles**

Section Number	0				
Section Length (mi)	0.15				
AADT	**				
SADT	**				
ADT Date	**				
Cross Section Information					
Number of Lanes	2				
Paved Width (ft)	19				
Lane Width (ft)	10				
Shoulder Width (ft)	0				
Roadway Condition Information					
PCR (Pavement Condition Rating)	35				
RCI (Roughness Condition Index)	38				
SCR (Surface Condition Rating)	36				
Alligator Cracking Index	93				
Rutting Index	58				
Patching Index	99				
Tranverse Cracking Index	92				
Longitudinal Cracking Index	92				
Shoulder Condition Rating	N/A				
Drainage Condition Rating	GOOD				

* NC designates data not collected NA designates not applicable

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



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

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

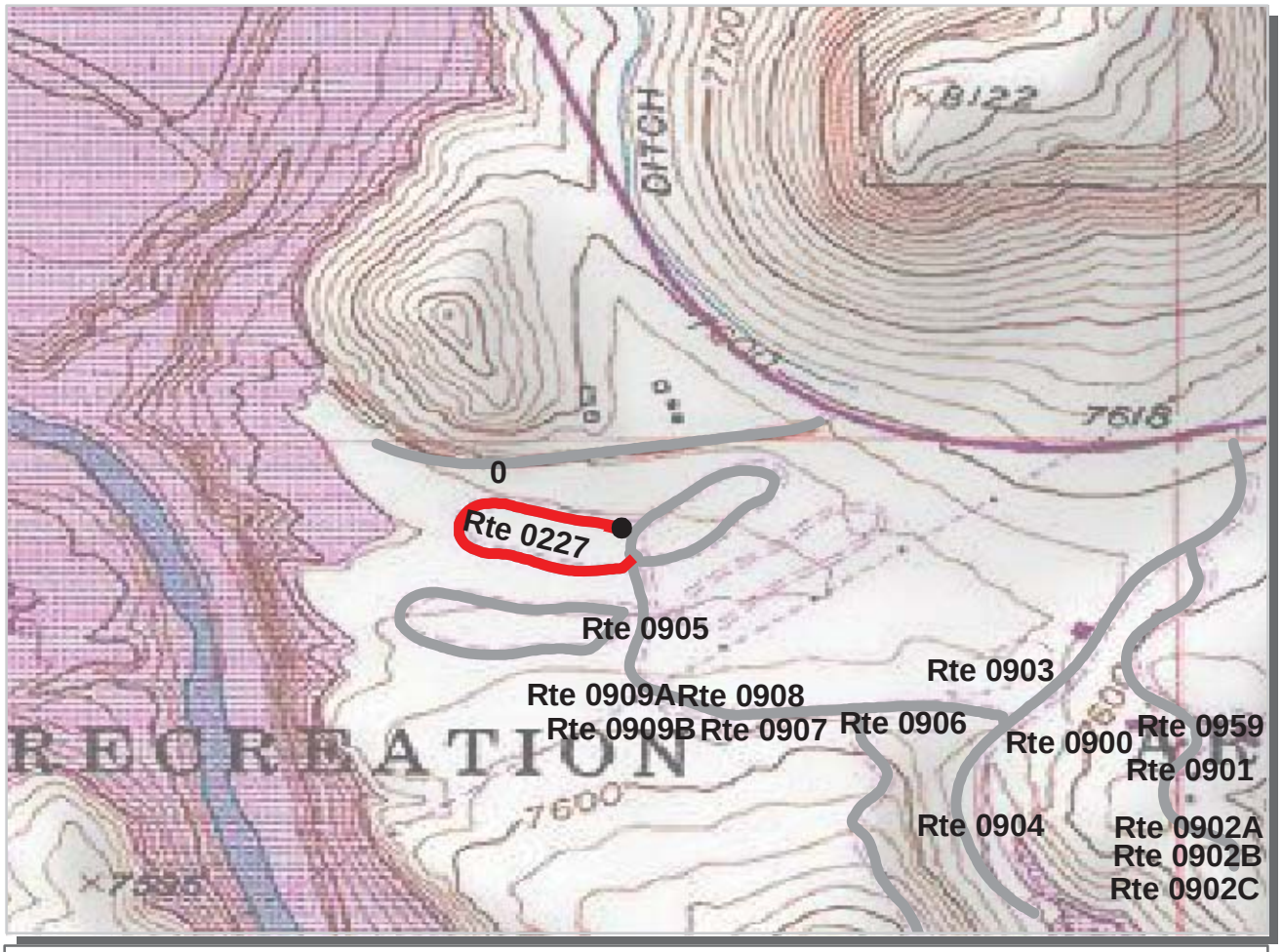
Intermountain Region
CURE : Curecanti National Recreation Area

ROUTE: 0226 Elk Creek Campground Loop A **TOTAL LENGTH: 0.41 Miles**

Section Number	0				
Section Length (mi)	0.41				
AADT	**				
SADT	**				
ADT Date	**				
Cross Section Information					
Number of Lanes	1				
Paved Width (ft)	11				
Lane Width (ft)	11				
Shoulder Width (ft)	0				
Roadway Condition Information					
PCR (Pavement Condition Rating)	23				
RCI (Roughness Condition Index)	47				
SCR (Surface Condition Rating)	17				
Alligator Cracking Index	94				
Rutting Index	51				
Patching Index	99				
Tranverse Cracking Index	86				
Longitudinal Cracking Index	83				
Shoulder Condition Rating	N/A				
Drainage Condition Rating	GOOD				

* NC designates data not collected NA designates not applicable

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



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

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

Intermountain Region

CURE : Curecanti National Recreation Area

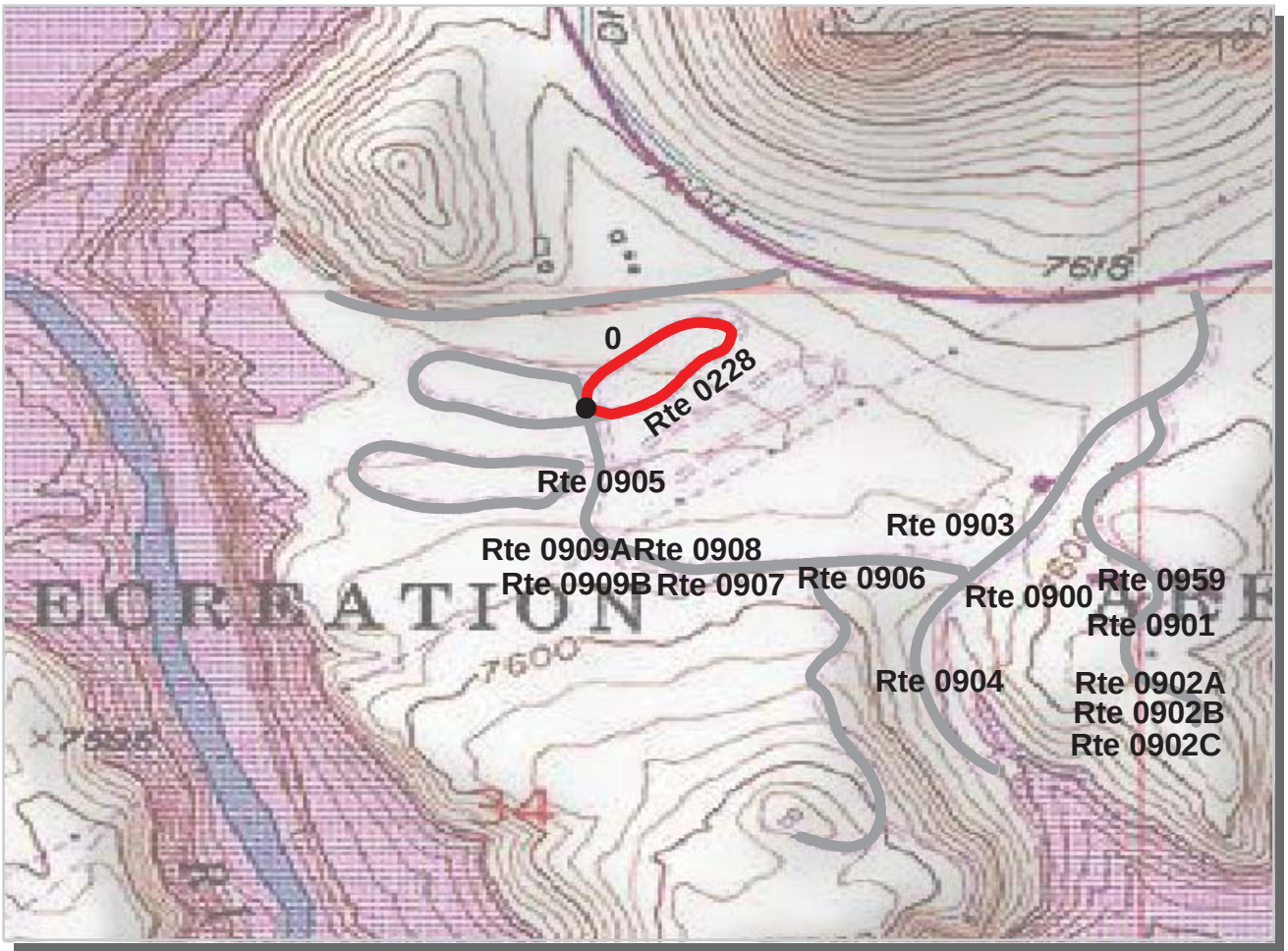
ROUTE: 0227 Elk Creek Campground Loop B **TOTAL LENGTH: 0.31 Miles**

Section Number	0				
Section Length (mi)	0.31				
AADT	**				
SADT	**				
ADT Date	**				
Cross Section Information					
Number of Lanes	1				
Paved Width (ft)	11				
Lane Width (ft)	11				
Shoulder Width (ft)	0				
Roadway Condition Information					
PCR (Pavement Condition Rating)	42				
RCI (Roughness Condition Index)	49				
SCR (Surface Condition Rating)	41				
Alligator Cracking Index	99				
Rutting Index	60				
Patching Index	100				
Tranverse Cracking Index	89				
Longitudinal Cracking Index	92				
Shoulder Condition Rating	N/A				
Drainage Condition Rating	GOOD				

* NC designates data not collected NA designates not applicable

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

ROUTE: 0227 Elk Creek Campground Loop B



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

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

Intermountain Region

CURE : Curecanti National Recreation Area

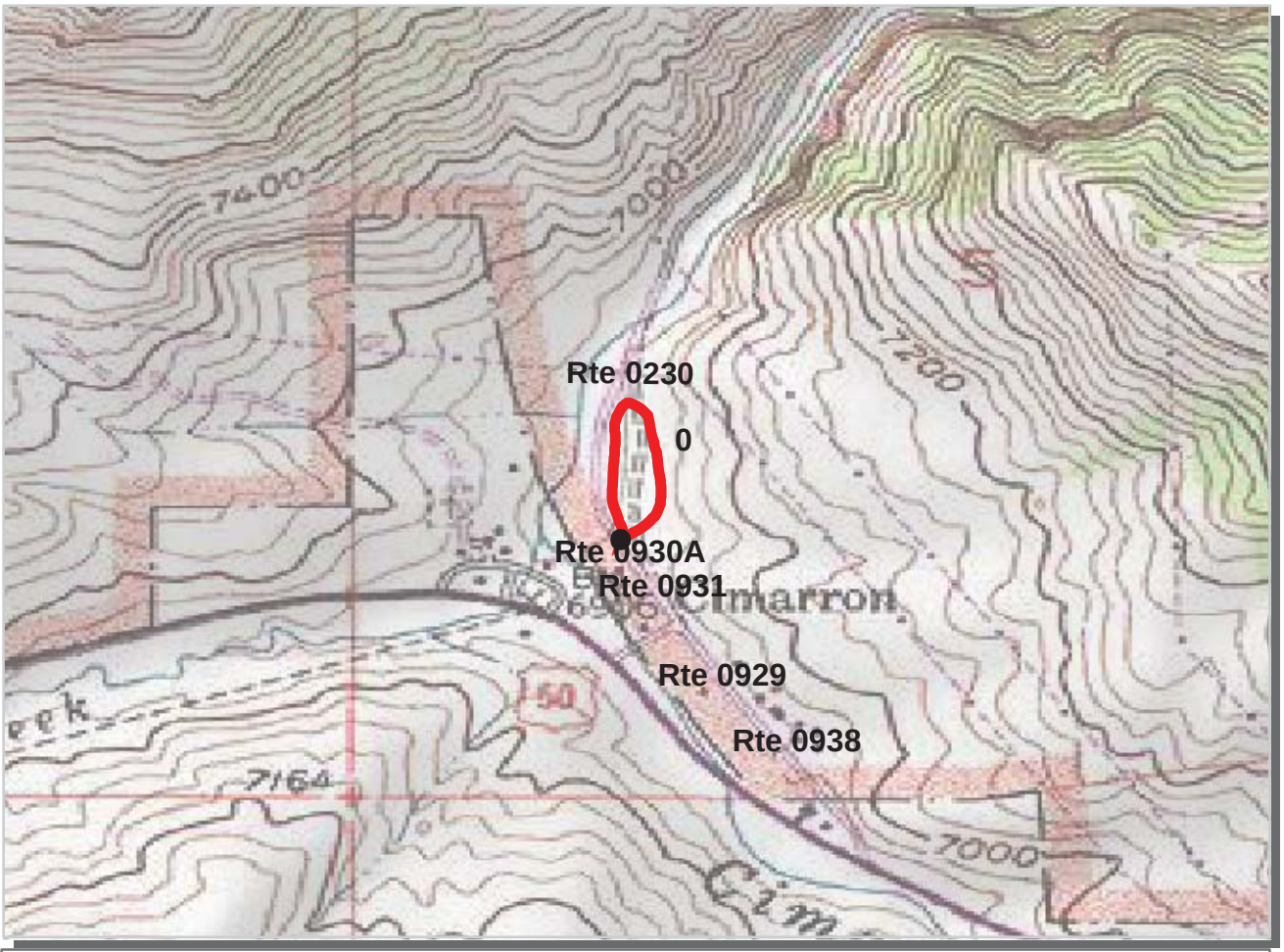
ROUTE: 0228 Elk Creek Campground Loop C **TOTAL LENGTH: 0.32 Miles**

Section Number	0				
Section Length (mi)	0.32				
AADT	**				
SADT	**				
ADT Date	**				
Cross Section Information					
Number of Lanes	1				
Paved Width (ft)	11				
Lane Width (ft)	11				
Shoulder Width (ft)	0				
Roadway Condition Information					
PCR (Pavement Condition Rating)	35				
RCI (Roughness Condition Index)	43				
SCR (Surface Condition Rating)	33				
Alligator Cracking Index	98				
Rutting Index	53				
Patching Index	100				
Tranverse Cracking Index	88				
Longitudinal Cracking Index	92				
Shoulder Condition Rating	N/A				
Drainage Condition Rating	GOOD				

* NC designates data not collected NA designates not applicable

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

ROUTE: 0228 Elk Creek Campground Loop C



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

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

Intermountain Region

CURE : Curecanti National Recreation Area

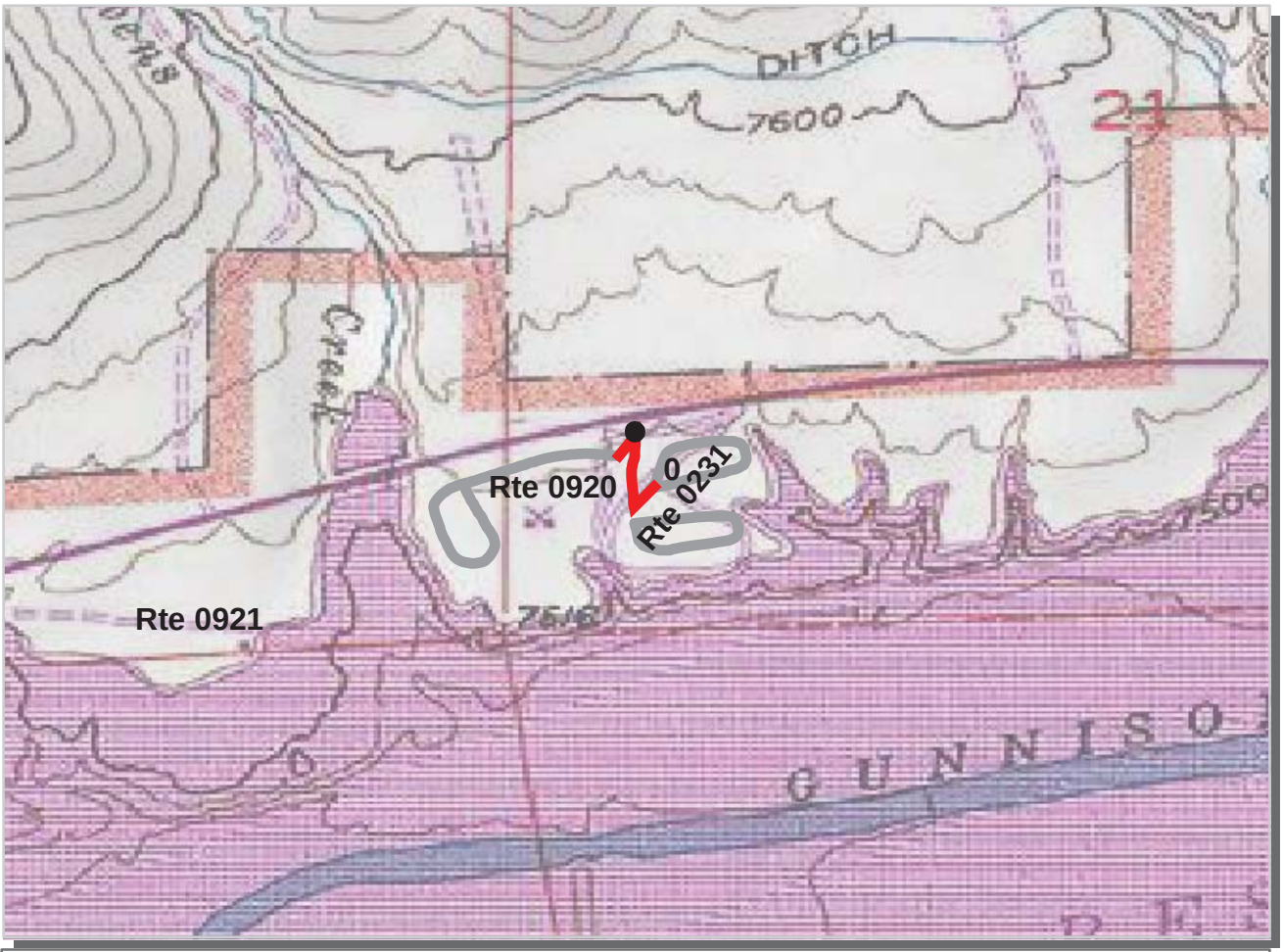
ROUTE: 0230 Cimarron Campground Loop **TOTAL LENGTH: 0.31 Miles**

Section Number	0				
Section Length (mi)	0.31				
AADT	**				
SADT	**				
ADT Date	**				
Cross Section Information					
Number of Lanes	2				
Paved Width (ft)	36				
Lane Width (ft)	18				
Shoulder Width (ft)	0				
Roadway Condition Information					
PCR (Pavement Condition Rating)	45				
RCI (Roughness Condition Index)	37				
SCR (Surface Condition Rating)	46				
Alligator Cracking Index	99				
Rutting Index	58				
Patching Index	100				
Tranverse Cracking Index	91				
Longitudinal Cracking Index	97				
Shoulder Condition Rating	N/A				
Drainage Condition Rating	GOOD				

* NC designates data not collected NA designates not applicable

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

ROUTE: 0230 Cimarron Campground Loop



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

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

Intermountain Region

CURE : Curecanti National Recreation Area

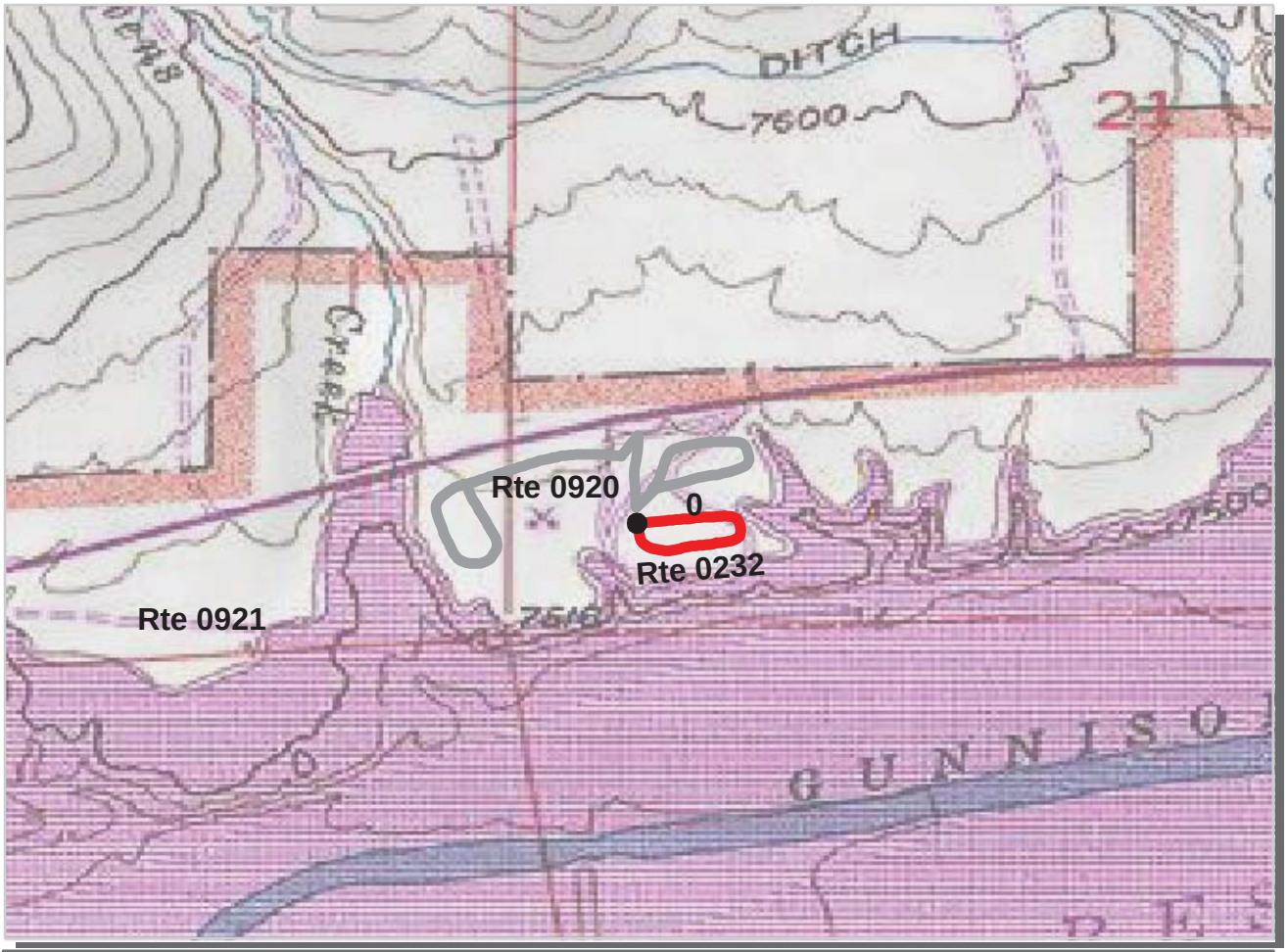
ROUTE: 0231 New Stevens Creek Campground Road **TOTAL LENGTH: 0.10 Miles**

Section Number	0				
Section Length (mi)	0.10				
AADT	**				
SADT	**				
ADT Date	**				
Cross Section Information					
Number of Lanes	2				
Paved Width (ft)	19				
Lane Width (ft)	10				
Shoulder Width (ft)	0				
Roadway Condition Information					
PCR (Pavement Condition Rating)	36				
RCI (Roughness Condition Index)	43				
SCR (Surface Condition Rating)	36				
Alligator Cracking Index	100				
Rutting Index	55				
Patching Index	100				
Tranverse Cracking Index	83				
Longitudinal Cracking Index	97				
Shoulder Condition Rating	N/A				
Drainage Condition Rating	GOOD				

* NC designates data not collected NA designates not applicable

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

ROUTE: 0231 New Stevens Creek Campground Road



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

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

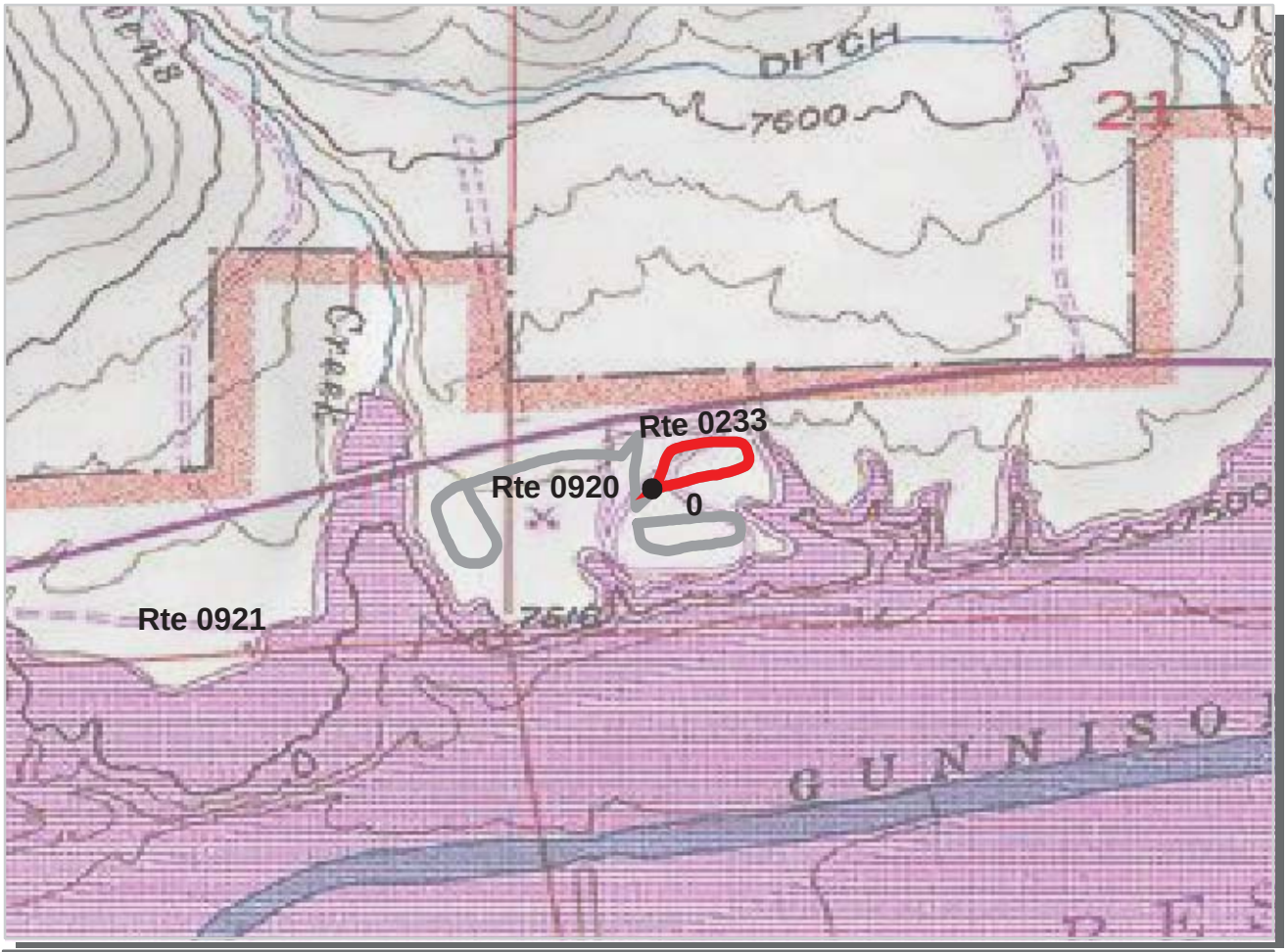
Intermountain Region
CURE : Curecanti National Recreation Area

ROUTE: 0232 New Stevens Creek Campground Loop A TOTAL LENGTH: 0.20 Miles

Section Number	0				
Section Length (mi)	0.20				
AADT	**				
SADT	**				
ADT Date	**				
Cross Section Information					
Number of Lanes	2				
Paved Width (ft)	21				
Lane Width (ft)	11				
Shoulder Width (ft)	0				
Roadway Condition Information					
PCR (Pavement Condition Rating)	28				
RCI (Roughness Condition Index)	38				
SCR (Surface Condition Rating)	27				
Alligator Cracking Index	99				
Rutting Index	38				
Patching Index	100				
Tranverse Cracking Index	93				
Longitudinal Cracking Index	96				
Shoulder Condition Rating	N/A				
Drainage Condition Rating	GOOD				

* NC designates data not collected NA designates not applicable

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



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

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

Intermountain Region

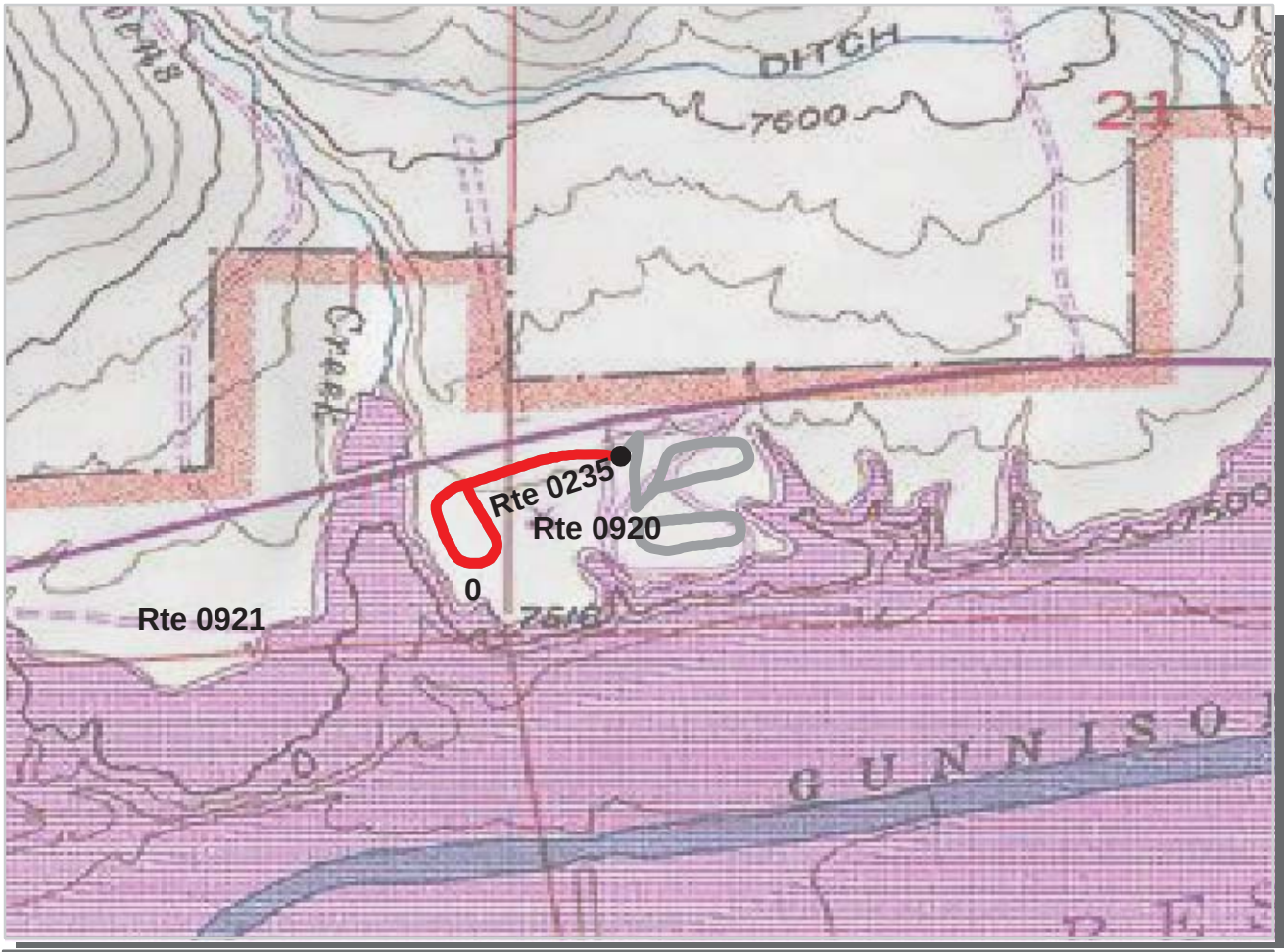
CURE : Curecanti National Recreation Area

ROUTE: 0233 New Stevens Creek Campground Loop B TOTAL LENGTH: 0.21 Miles

Section Number	0				
Section Length (mi)	0.21				
AADT	**				
SADT	**				
ADT Date	**				
Cross Section Information					
Number of Lanes	2				
Paved Width (ft)	21				
Lane Width (ft)	10				
Shoulder Width (ft)	0				
Roadway Condition Information					
PCR (Pavement Condition Rating)	35				
RCI (Roughness Condition Index)	39				
SCR (Surface Condition Rating)	35				
Alligator Cracking Index	100				
Rutting Index	48				
Patching Index	100				
Tranverse Cracking Index	89				
Longitudinal Cracking Index	97				
Shoulder Condition Rating	N/A				
Drainage Condition Rating	GOOD				

* NC designates data not collected NA designates not applicable

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



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

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

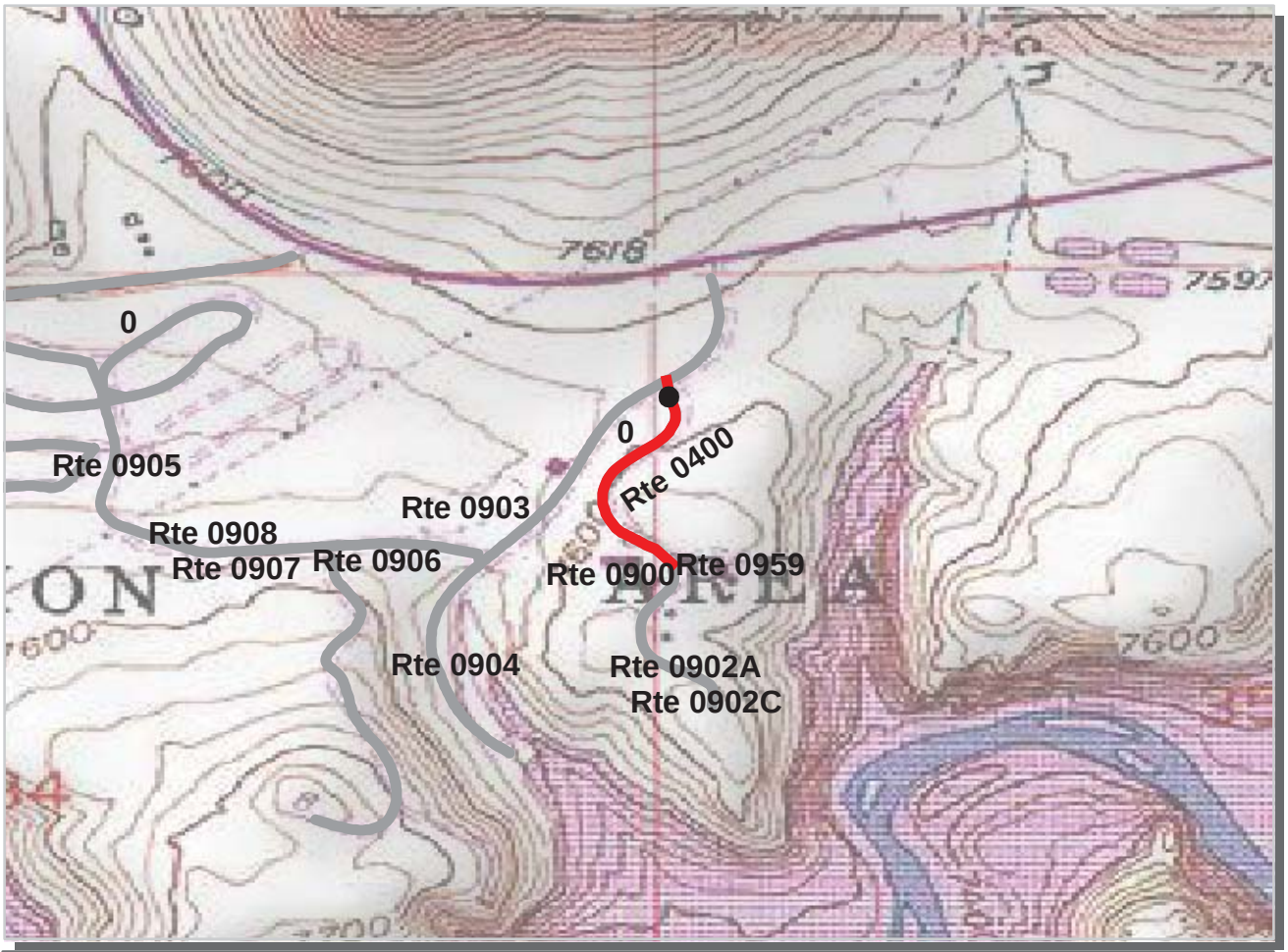
Intermountain Region
CURE : Curecanti National Recreation Area

ROUTE: 0235 New Stevens Creek Campground Loop C TOTAL LENGTH: 0.33 Miles

Section Number	0				
Section Length (mi)	0.33				
AADT	**				
SADT	**				
ADT Date	**				
Cross Section Information					
Number of Lanes	2				
Paved Width (ft)	19				
Lane Width (ft)	9				
Shoulder Width (ft)	0				
Roadway Condition Information					
PCR (Pavement Condition Rating)	34				
RCI (Roughness Condition Index)	38				
SCR (Surface Condition Rating)	35				
Alligator Cracking Index	99				
Rutting Index	48				
Patching Index	100				
Tranverse Cracking Index	90				
Longitudinal Cracking Index	97				
Shoulder Condition Rating	N/A				
Drainage Condition Rating	GOOD				

* NC designates data not collected NA designates not applicable

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



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

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

Intermountain Region

CURE : Curecanti National Recreation Area

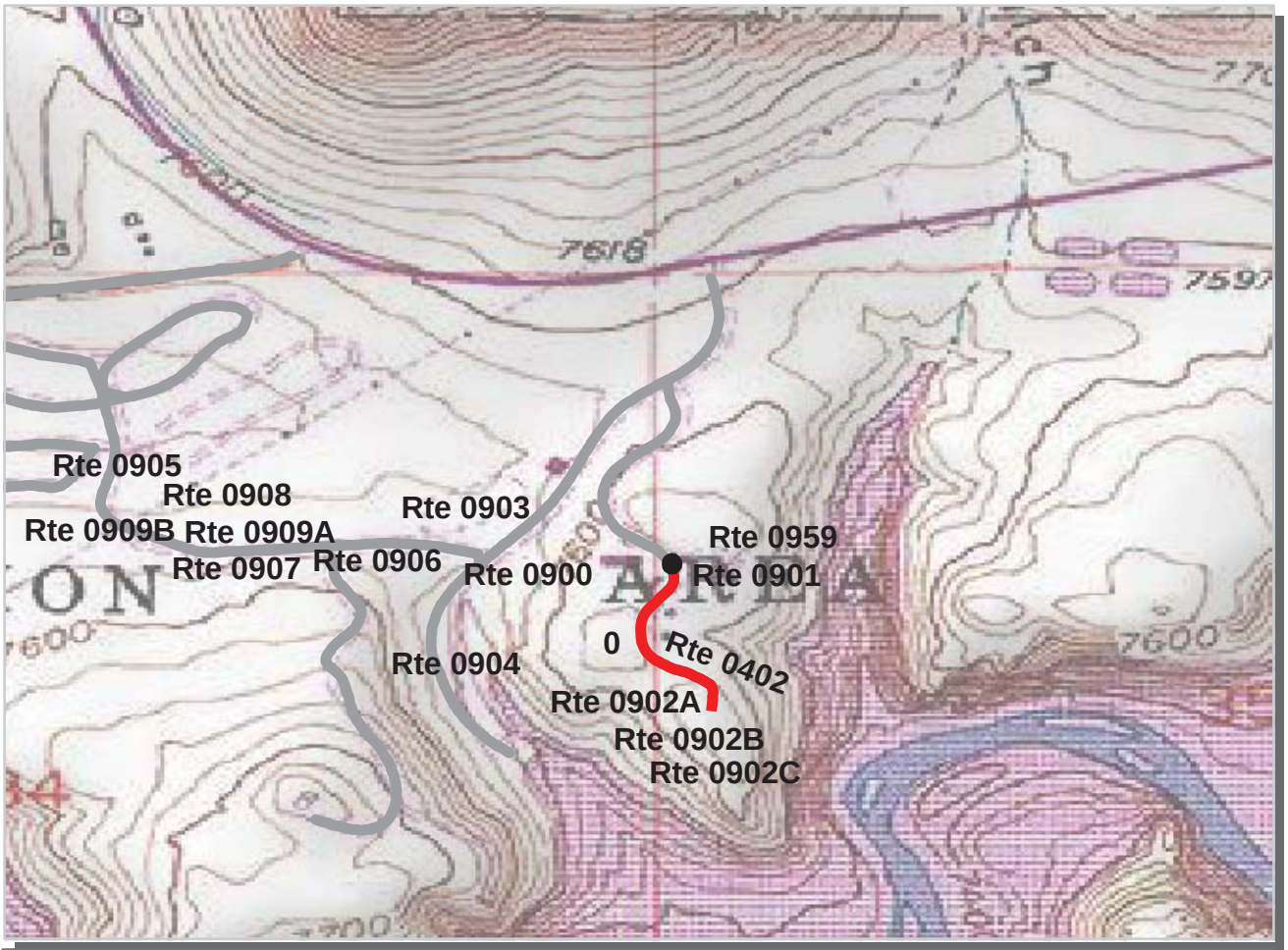
ROUTE: 0400 Elk Creek Maintenance Road **TOTAL LENGTH: 0.22 Miles**

Section Number	0				
Section Length (mi)	0.22				
AADT	**				
SADT	**				
ADT Date	**				
Cross Section Information					
Number of Lanes	2				
Paved Width (ft)	18				
Lane Width (ft)	9				
Shoulder Width (ft)	4				
Roadway Condition Information					
PCR (Pavement Condition Rating)	21				
RCI (Roughness Condition Index)	44				
SCR (Surface Condition Rating)	6				
Alligator Cracking Index	88				
Rutting Index	51				
Patching Index	100				
Tranverse Cracking Index	75				
Longitudinal Cracking Index	84				
Shoulder Condition Rating	GOOD				
Drainage Condition Rating	GOOD				

* NC designates data not collected NA designates not applicable

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

ROUTE: 0400 Elk Creek Maintenance Road



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

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

Intermountain Region

CURE : Curecanti National Recreation Area

ROUTE: 0402 Elk Creek Residence Road **TOTAL LENGTH: 0.19 Miles**

Section Number	0				
Section Length (mi)	0.19				
AADT	**				
SADT	**				
ADT Date	**				
Cross Section Information					
Number of Lanes	2				
Paved Width (ft)	21				
Lane Width (ft)	10				
Shoulder Width (ft)	0				
Roadway Condition Information					
PCR (Pavement Condition Rating)	15				
RCI (Roughness Condition Index)	36				
SCR (Surface Condition Rating)	6				
Alligator Cracking Index	84				
Rutting Index	37				
Patching Index	100				
Tranverse Cracking Index	77				
Longitudinal Cracking Index	84				
Shoulder Condition Rating	N/A				
Drainage Condition Rating	GOOD				

* NC designates data not collected NA designates not applicable

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

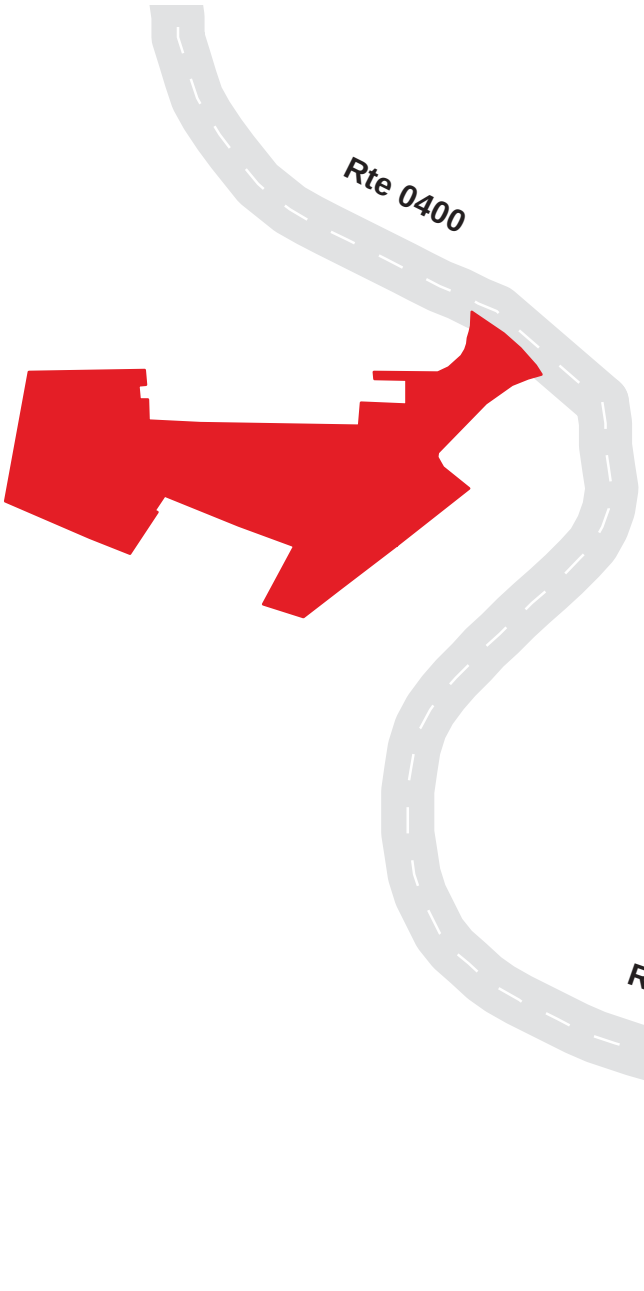
CURE: Manually Rated Paved Route Condition Rating Sheets

No data available for this section

Curecanti National Recreation Area
Route 0900
Maintenance Area
FROM ROUTE 0400

Route	Public / NonPublic	Date Visited	Area (sq ft)	Lane Miles *	Surface Type	Condition / PCR
0900	NonPublic	6/15/2003	39845	0.69	AS	FAIR / 73

* Lane miles are based on 11' lane widths

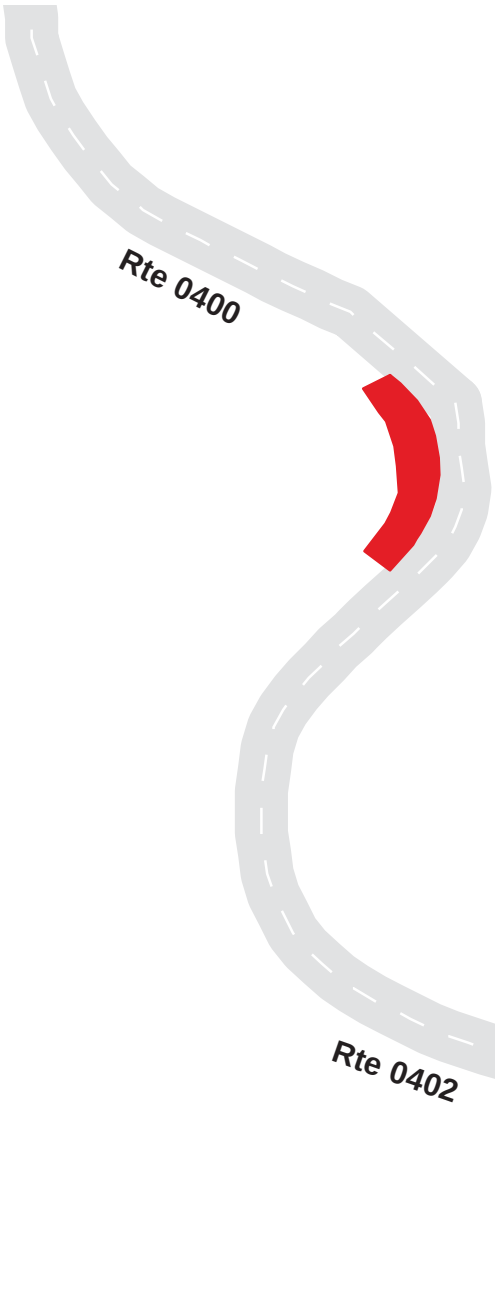


200 100 0 200
Feet

Curecanti National Recreation Area
Route 0901
Employee Parking
FROM ROUTE 0402

Route	Public / NonPublic	Date Visited	Area (sq ft)	Lane Miles *	Surface Type	Condition / PCR
0901	NonPublic	6/15/2003	4496	0.08	AS	FAIR / 73

* Lane miles are based on 11' lane widths

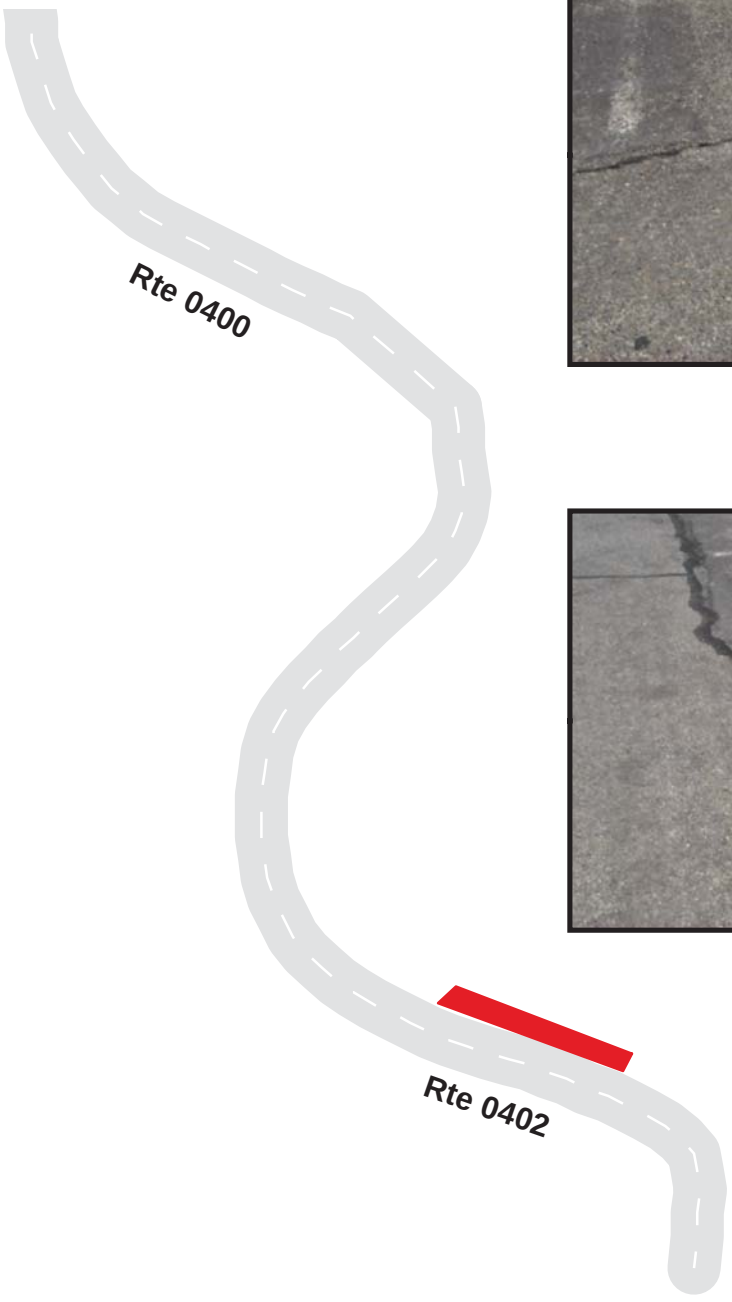


200 100 0 200
Feet

Curecanti National Recreation Area
Route 0902A
Housing Parking
FROM ROUTE 0402

Route	Public / NonPublic	Date Visited	Area (sq ft)	Lane Miles *	Surface Type	Condition / PCR
0902A	NonPublic	6/15/2003	2415	0.04	AS	FAIR / 73

* Lane miles are based on 11' lane widths



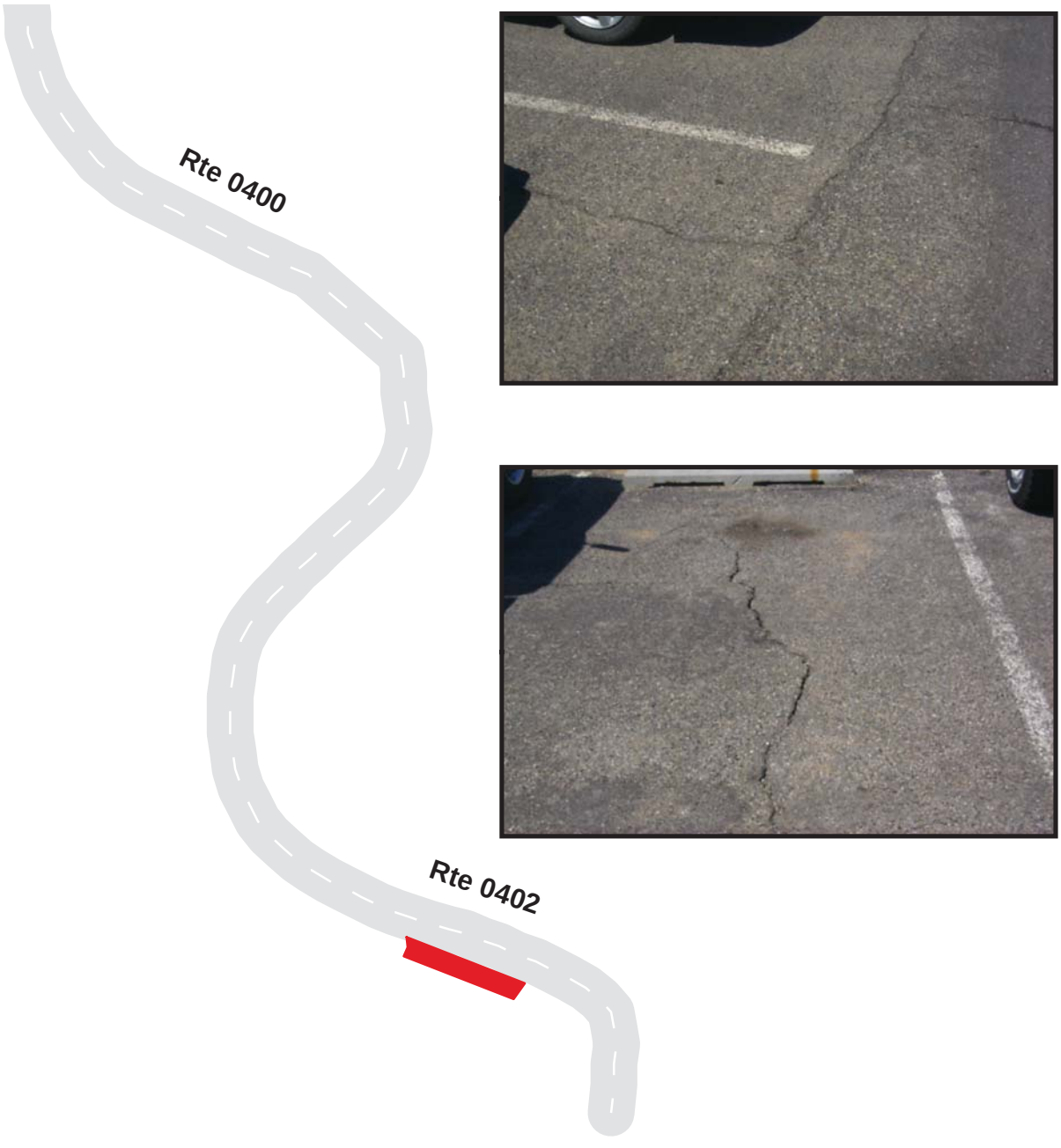
200 100 0 200
Feet

N

Curecanti National Recreation Area
Route 0902B
Housing Parking
FROM ROUTE 0402

Route	Public / NonPublic	Date Visited	Area (sq ft)	Lane Miles *	Surface Type	Condition / PCR
0902B	NonPublic	6/15/2003	1772	0.03	AS	FAIR / 73

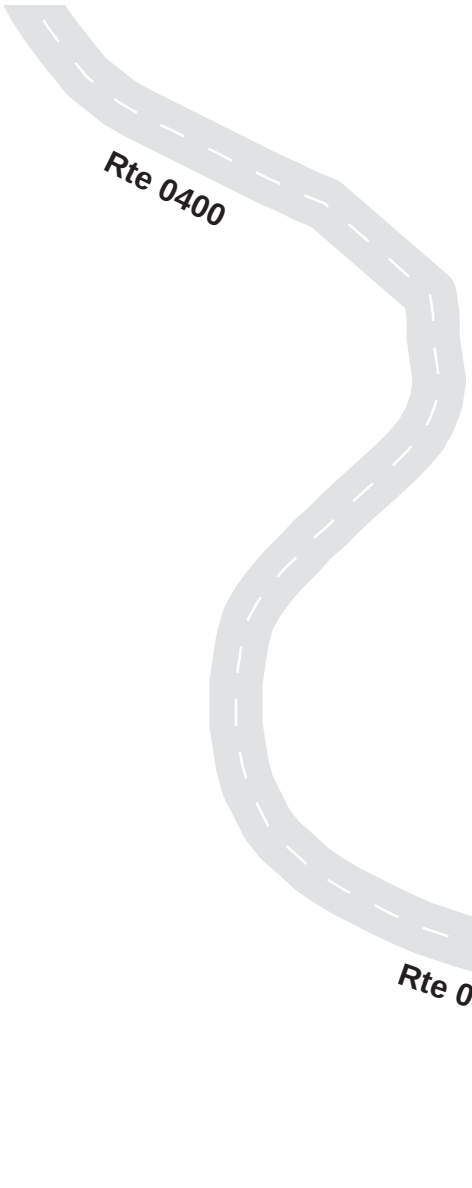
* Lane miles are based on 11' lane widths



Curecanti National Recreation Area
Route 0902C
Housing Parking
FROM ROUTE 0402

Route	Public / NonPublic	Date Visited	Area (sq ft)	Lane Miles *	Surface Type	Condition / PCR
0902C	NonPublic	6/15/2003	1461	0.03	AS	FAIR / 73

* Lane miles are based on 11' lane widths



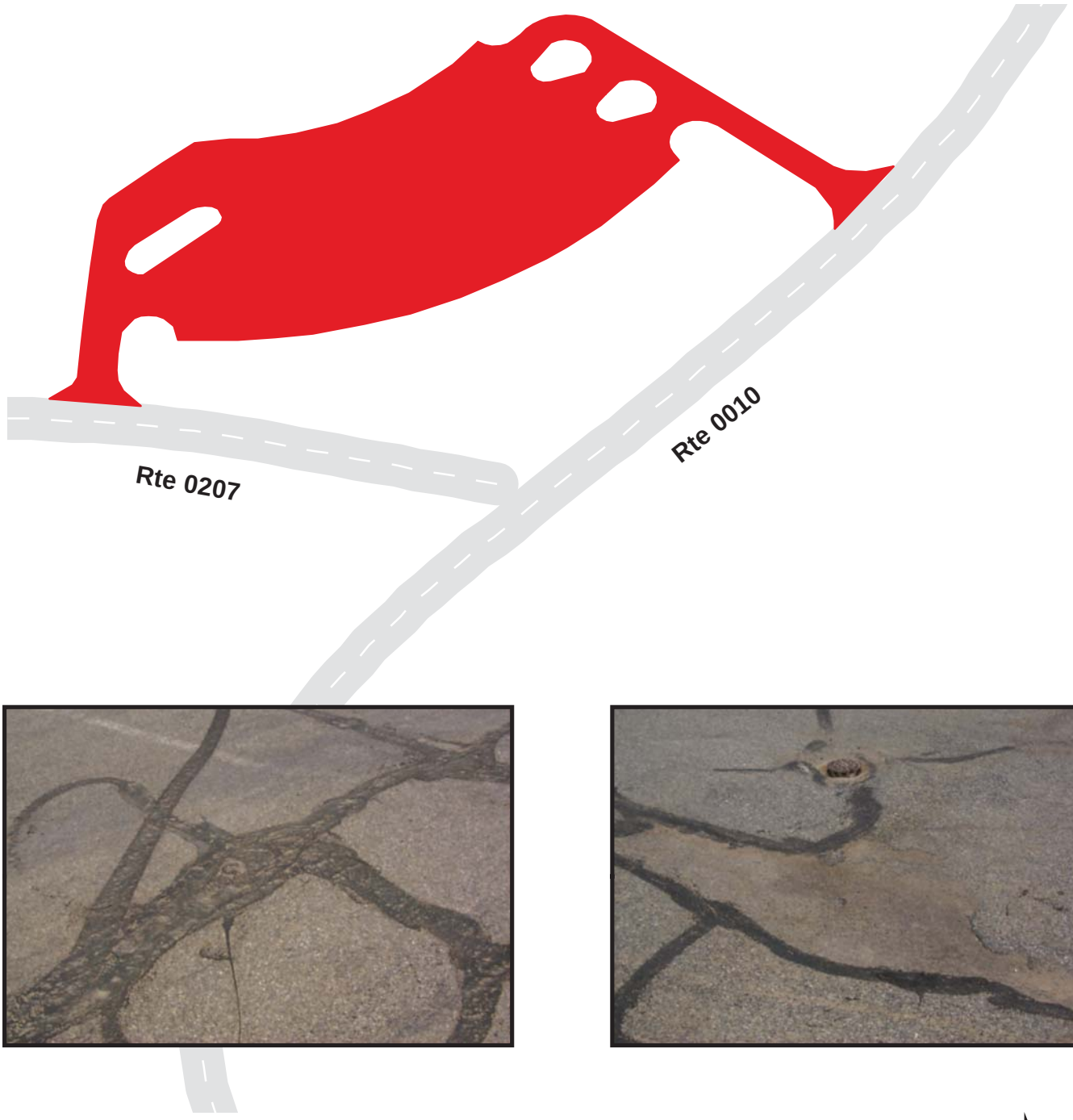
200 100 0 200
Feet

N

Curecanti National Recreation Area
Route 0903
Visitor Center Parking
FROM ROUTE 0010

Route	Public / NonPublic	Date Visited	Area (sq ft)	Lane Miles *	Surface Type	Condition / PCR
0903	Public	6/15/2003	73356	1.26	AS	FAIR / 73

* Lane miles are based on 11' lane widths



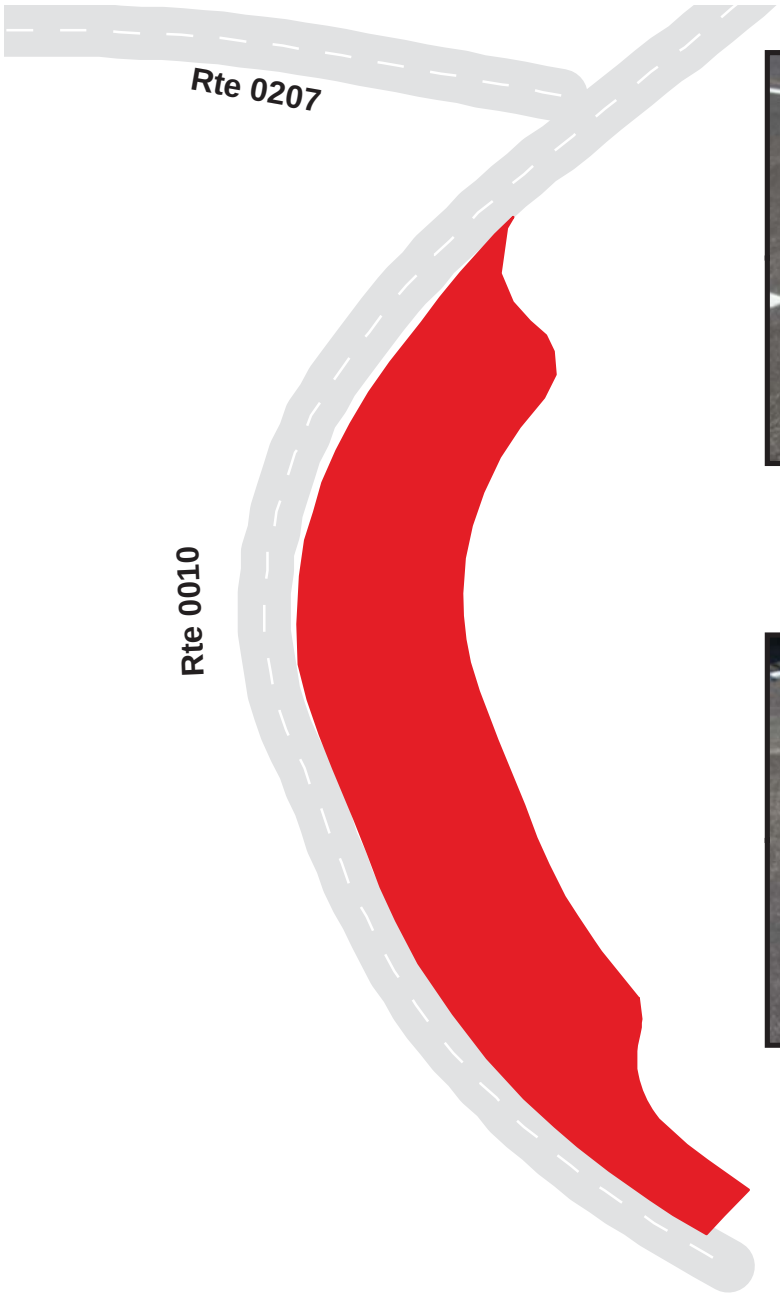
200 100 0 200
Feet

N

Curecanti National Recreation Area
Route 0904
Marina Parking
FROM ROUTE 0010

Route	Public / NonPublic	Date Visited	Area (sq ft)	Lane Miles *	Surface Type	Condition / PCR
0904	Public	6/15/2003	94510	1.63	AS	FAIR / 73

* Lane miles are based on 11' lane widths

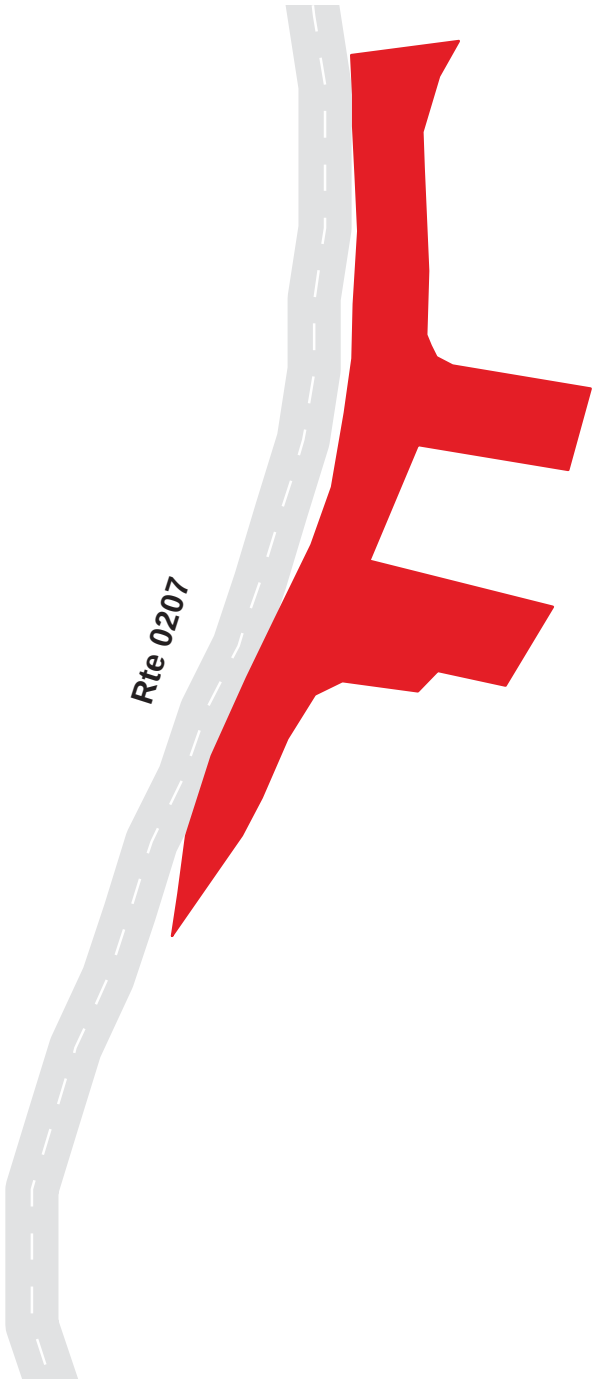


200 100 0 200
Feet

Curecanti National Recreation Area
Route 0905
Elk Creek Campground Host Parking
FROM ROUTE 0207

Route	Public / NonPublic	Date Visited	Area (sq ft)	Lane Miles *	Surface Type	Condition / PCR
0905	Public	6/15/2003	4733	0.08	AS	FAIR / 73

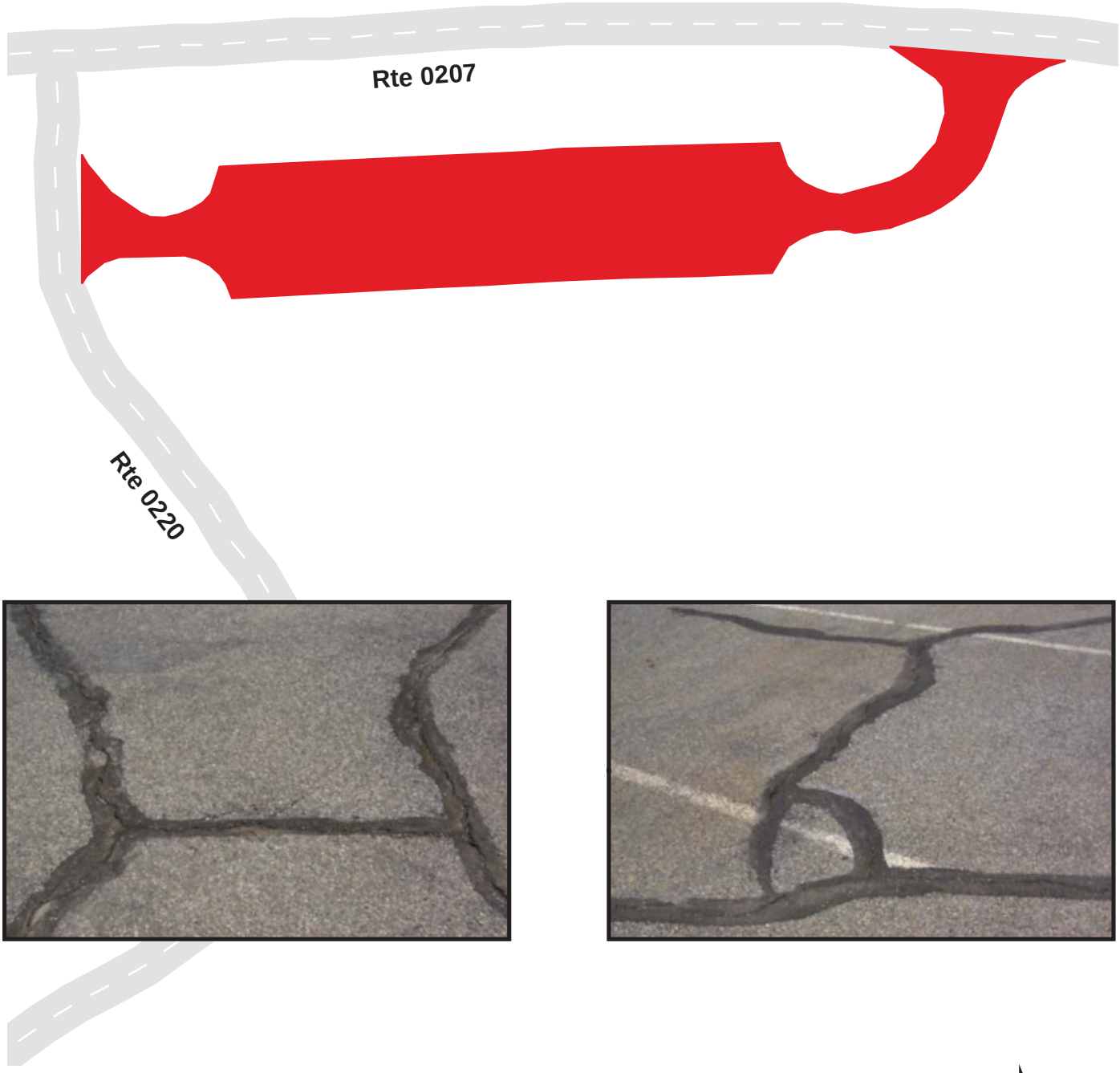
* Lane miles are based on 11' lane widths



Curecanti National Recreation Area
Route 0906
Elk Creek Picnic Area Parking
FROM ROUTE 0207

Route	Public / NonPublic	Date Visited	Area (sq ft)	Lane Miles *	Surface Type	Condition / PCR
0906	Public	6/15/2003	16823	0.29	AS	FAIR / 73

* Lane miles are based on 11' lane widths



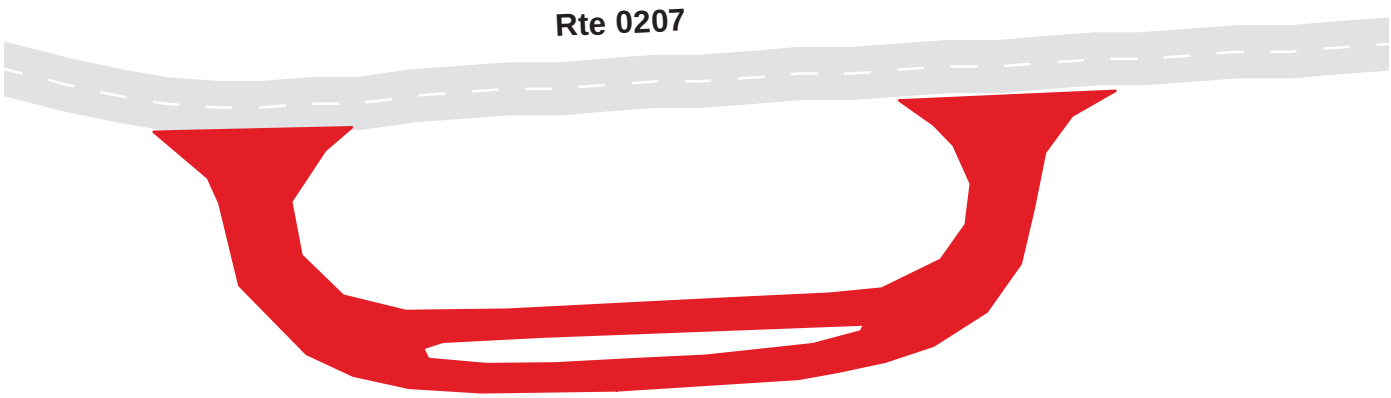
100 50 0 100 Feet

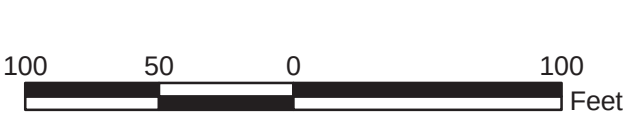
N

Curecanti National Recreation Area
Route 0907
Sewer Dump Station Parking
FROM ROUTE 0207

Route	Public / NonPublic	Date Visited	Area (sq ft)	Lane Miles *	Surface Type	Condition / PCR
0907	Public	6/15/2003	8645	0.15	AS	FAIR / 73

* Lane miles are based on 11' lane widths





Curecanti National Recreation Area
Route 0908
Wash Station
FROM ROUTE 0207

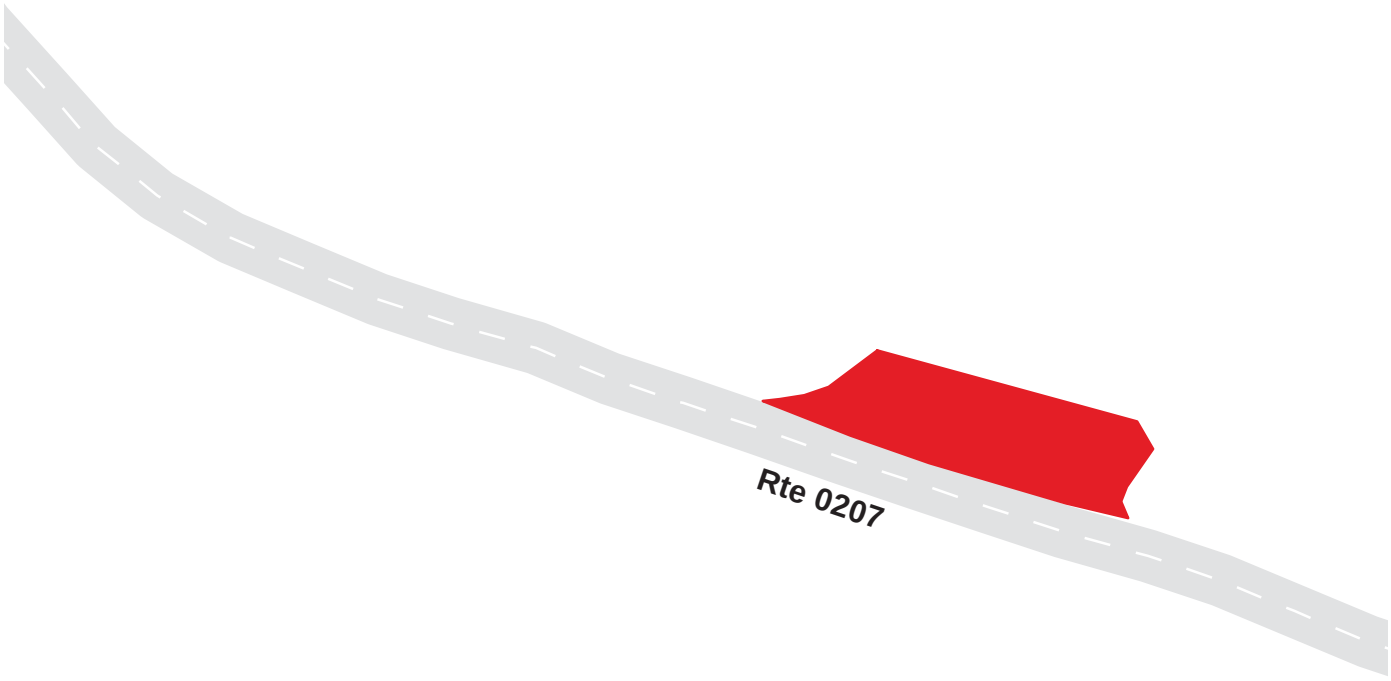
Route	Public / NonPublic	Date Visited	Area (sq ft)	Lane Miles *	Surface Type	Condition / PCR
0908	Public	6/15/2003	2020	0.03	CO	GOOD / 90

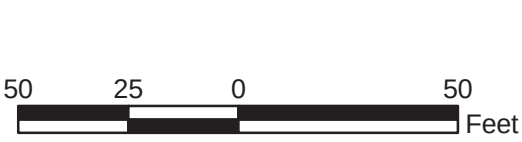
* Lane miles are based on 11' lane widths

Curecanti National Recreation Area
Route 0909A
Kiosk Parking
FROM ROUTE 0207

Route	Public / NonPublic	Date Visited	Area (sq ft)	Lane Miles *	Surface Type	Condition / PCR
0909A	Public	6/15/2003	1226	0.02	AS	FAIR / 73

* Lane miles are based on 11' lane widths

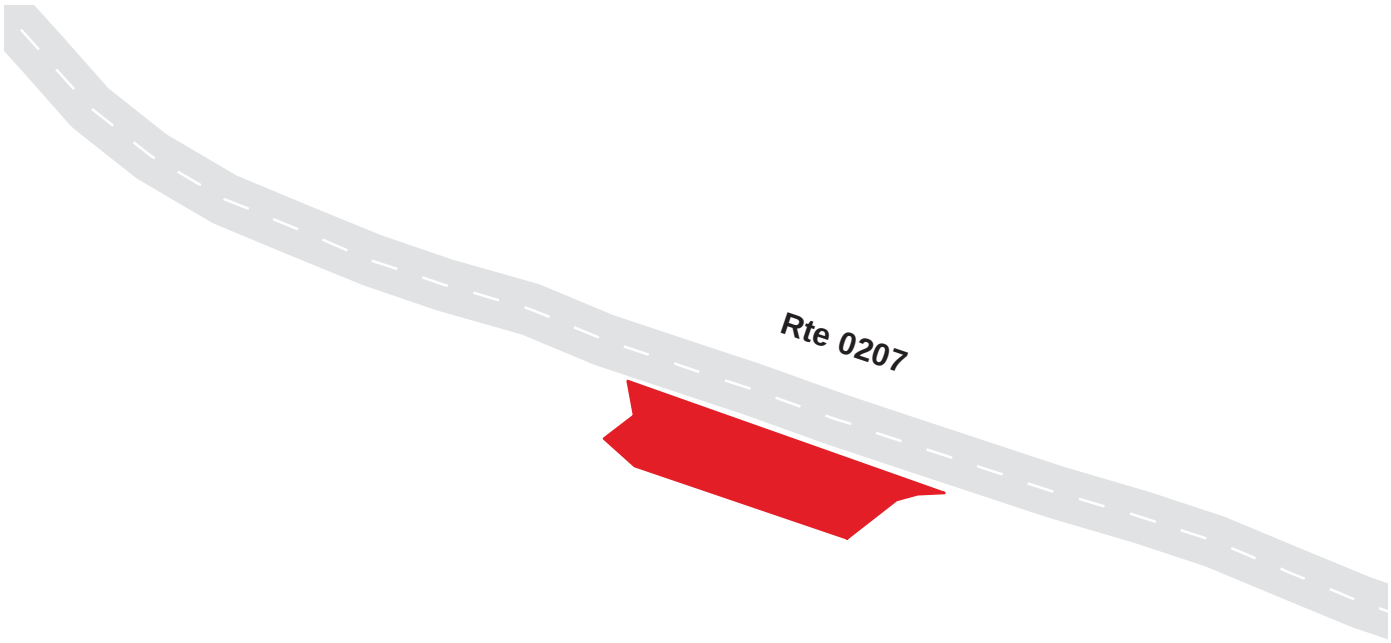




Curecanti National Recreation Area
Route 0909B
Kiosk Parking
FROM ROUTE 0207

Route	Public / NonPublic	Date Visited	Area (sq ft)	Lane Miles *	Surface Type	Condition / PCR
0909B	Public	6/15/2003	865	0.01	AS	FAIR / 73

* Lane miles are based on 11' lane widths

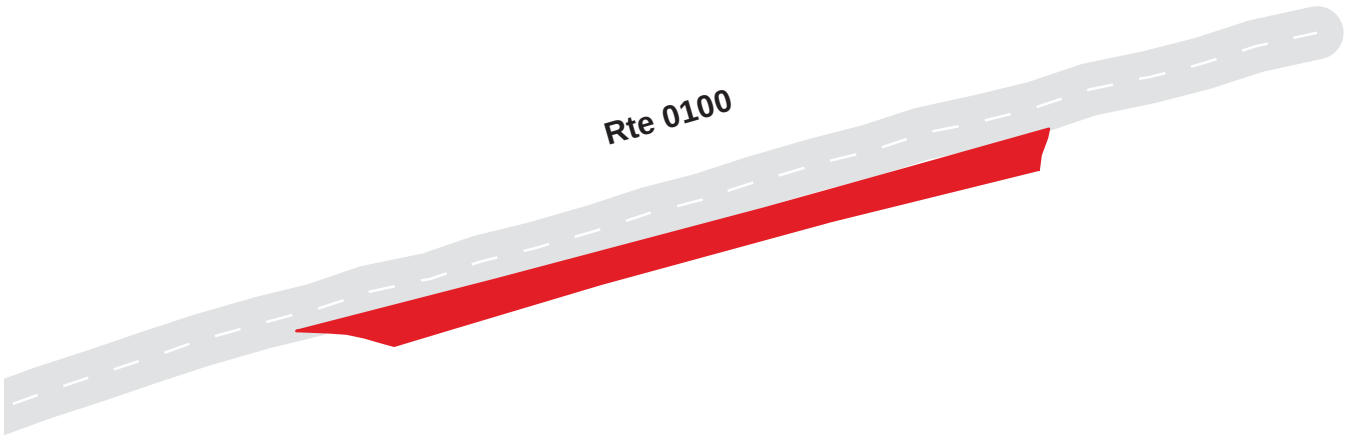


Curecanti National Recreation Area
Route 0910A

Lake Fork Visitor Center Parking
FROM ROUTE 0100

Route	Public / NonPublic	Date Visited	Area (sq ft)	Lane Miles *	Surface Type	Condition / PCR
0910A	Public	6/15/2003	1865	0.03	AS	FAIR / 73

* Lane miles are based on 11' lane widths



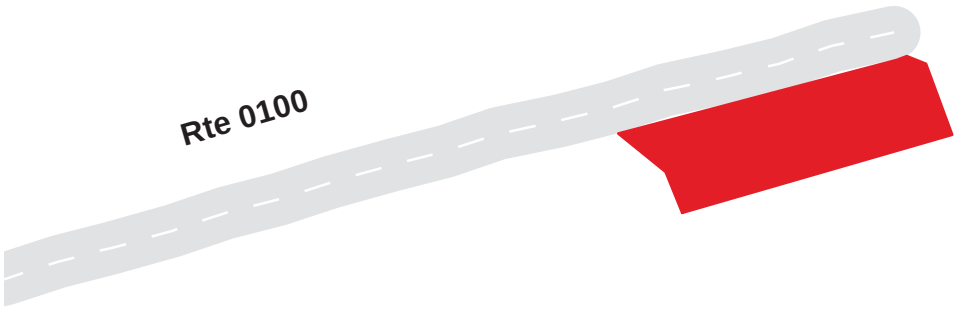
50 25 0 50
Feet

N

Curecanti National Recreation Area
Route 0910B
Lake Fork Visitor Center Parking
FROM ROUTE 0100

Route	Public / NonPublic	Date Visited	Area (sq ft)	Lane Miles *	Surface Type	Condition / PCR
0910B	Public	6/15/2003	2045	0.04	AS	FAIR / 73

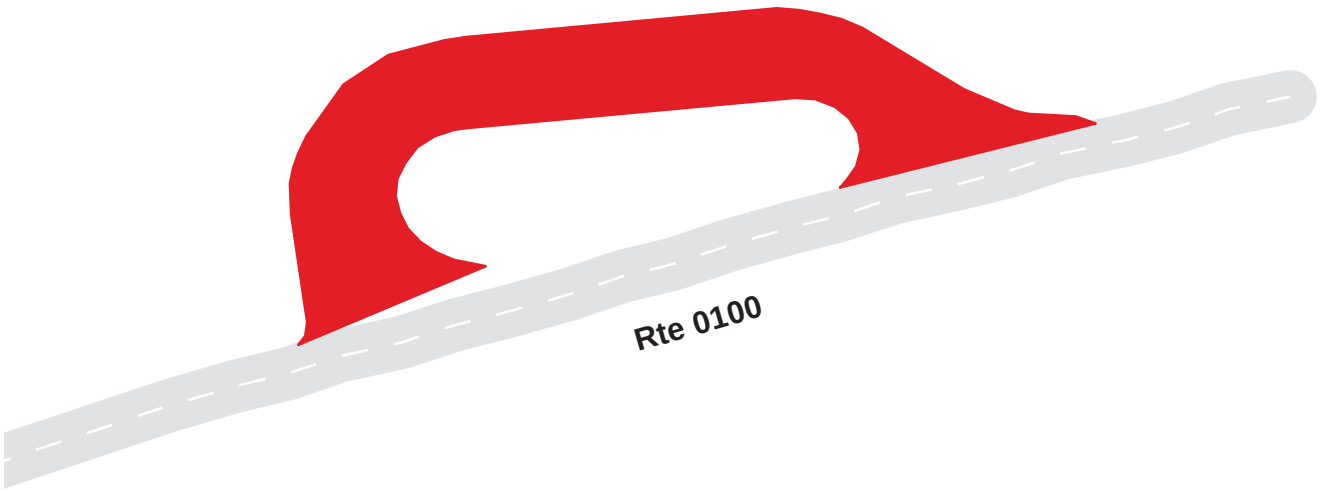
* Lane miles are based on 11' lane widths



Curecanti National Recreation Area
Route 0911
Lake Fork Sewage Dump Station
FROM ROUTE 0100

Route	Public / NonPublic	Date Visited	Area (sq ft)	Lane Miles *	Surface Type	Condition / PCR
0911	Public	6/15/2003	6665	0.11	AS	FAIR / 73

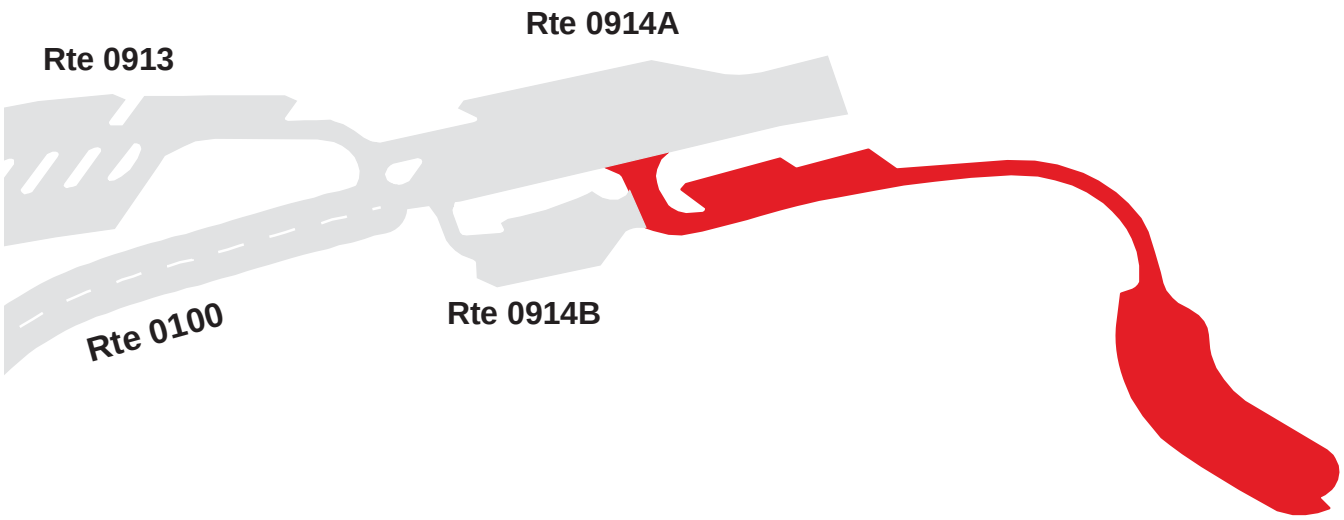
* Lane miles are based on 11' lane widths



Curecanti National Recreation Area
Route 0912
Lake Fork Upper Campground Loop Parking
FROM ROUTE 0914B

Route	Public / NonPublic	Date Visited	Area (sq ft)	Lane Miles *	Surface Type	Condition / PCR
0912	Public	6/15/2003	67591	1.16	AS	POOR / 45

* Lane miles are based on 11' lane widths



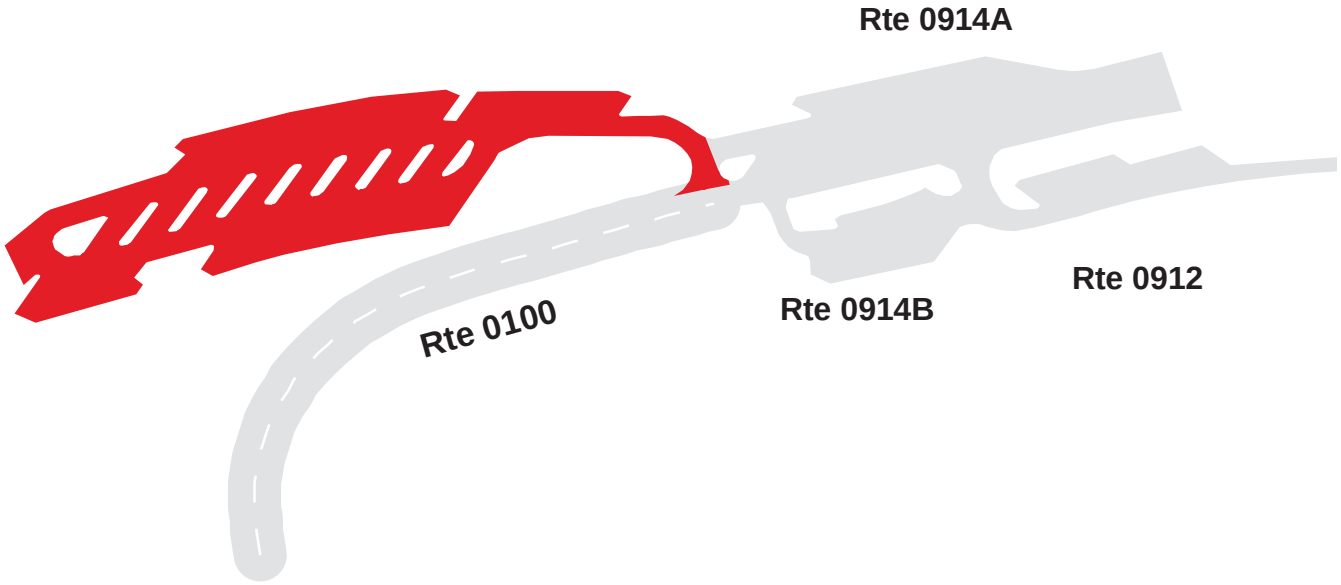
200 100 0 200
Feet

N

Curecanti National Recreation Area
Route 0913
Lake Fork Lower Campground Loop Parking
FROM ROUTE 0100

Route	Public / NonPublic	Date Visited	Area (sq ft)	Lane Miles *	Surface Type	Condition / PCR
0913	Public	6/15/2003	101630	1.75	AS	FAIR / 73

* Lane miles are based on 11' lane widths



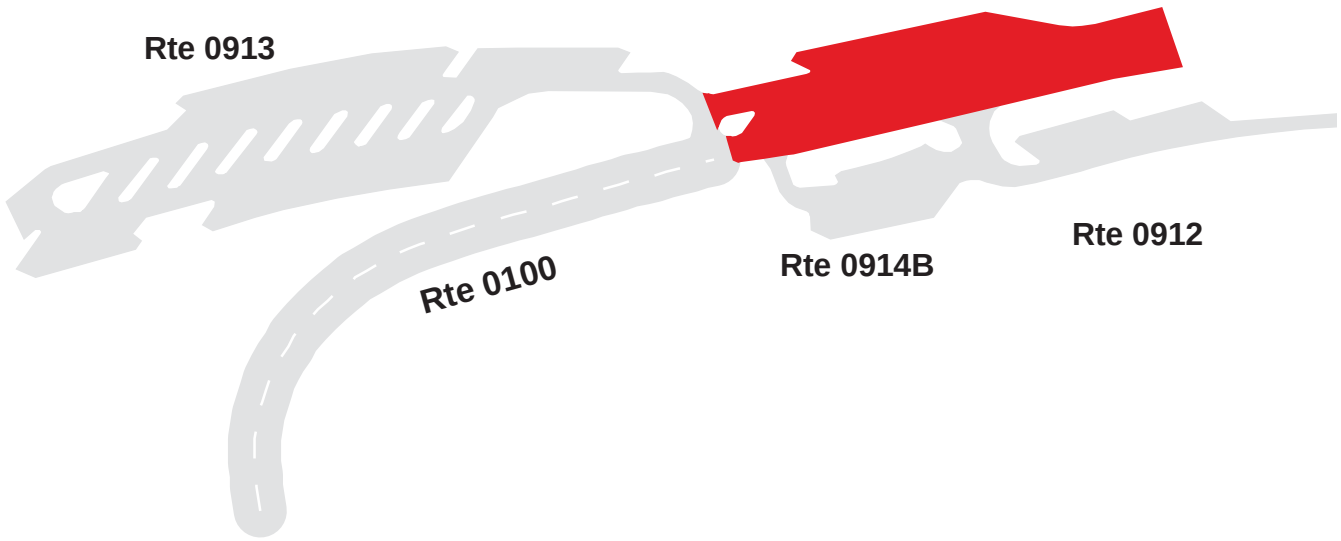
200 100 0 200
Feet

N

Curecanti National Recreation Area
Route 0914A
Lake Fork Marina Parking
FROM ROUTE 0100

Route	Public / NonPublic	Date Visited	Area (sq ft)	Lane Miles *	Surface Type	Condition / PCR
0914A	Public	6/15/2003	62328	1.07	AS	POOR / 45

* Lane miles are based on 11' lane widths



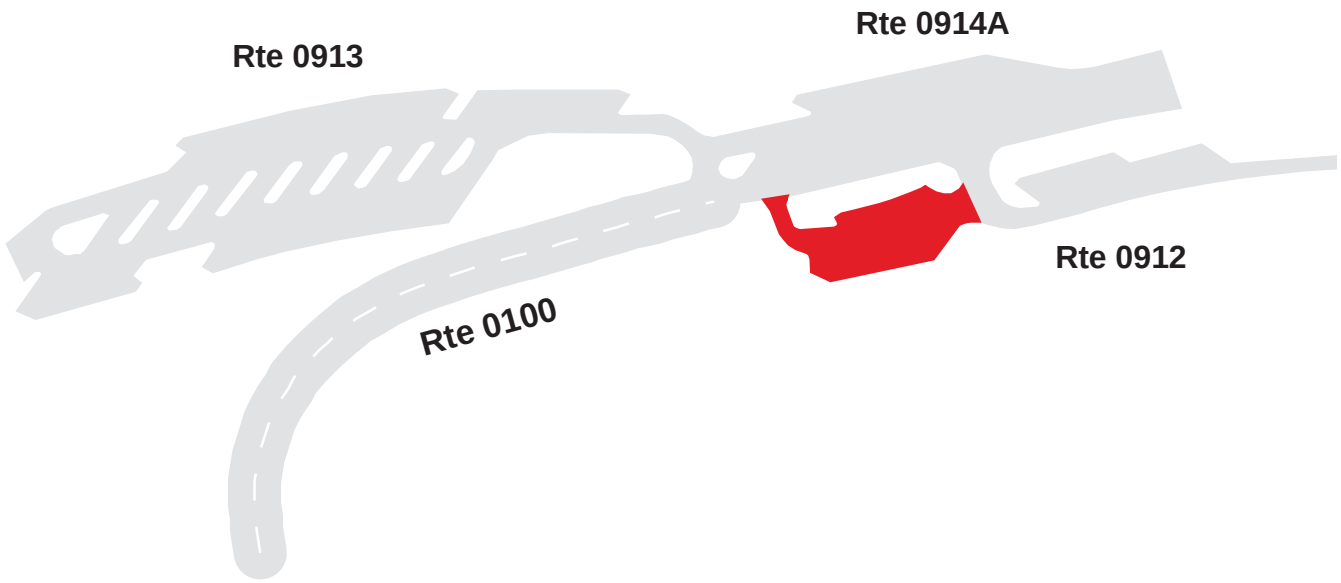
200 100 0 200
Feet

N

Curecanti National Recreation Area
Route 0914B
Lake Fork Marina Parking
FROM ROUTE 0914A

Route	Public / NonPublic	Date Visited	Area (sq ft)	Lane Miles *	Surface Type	Condition / PCR
0914B	Public	6/15/2003	18583	0.32	AS	FAIR / 73

* Lane miles are based on 11' lane widths



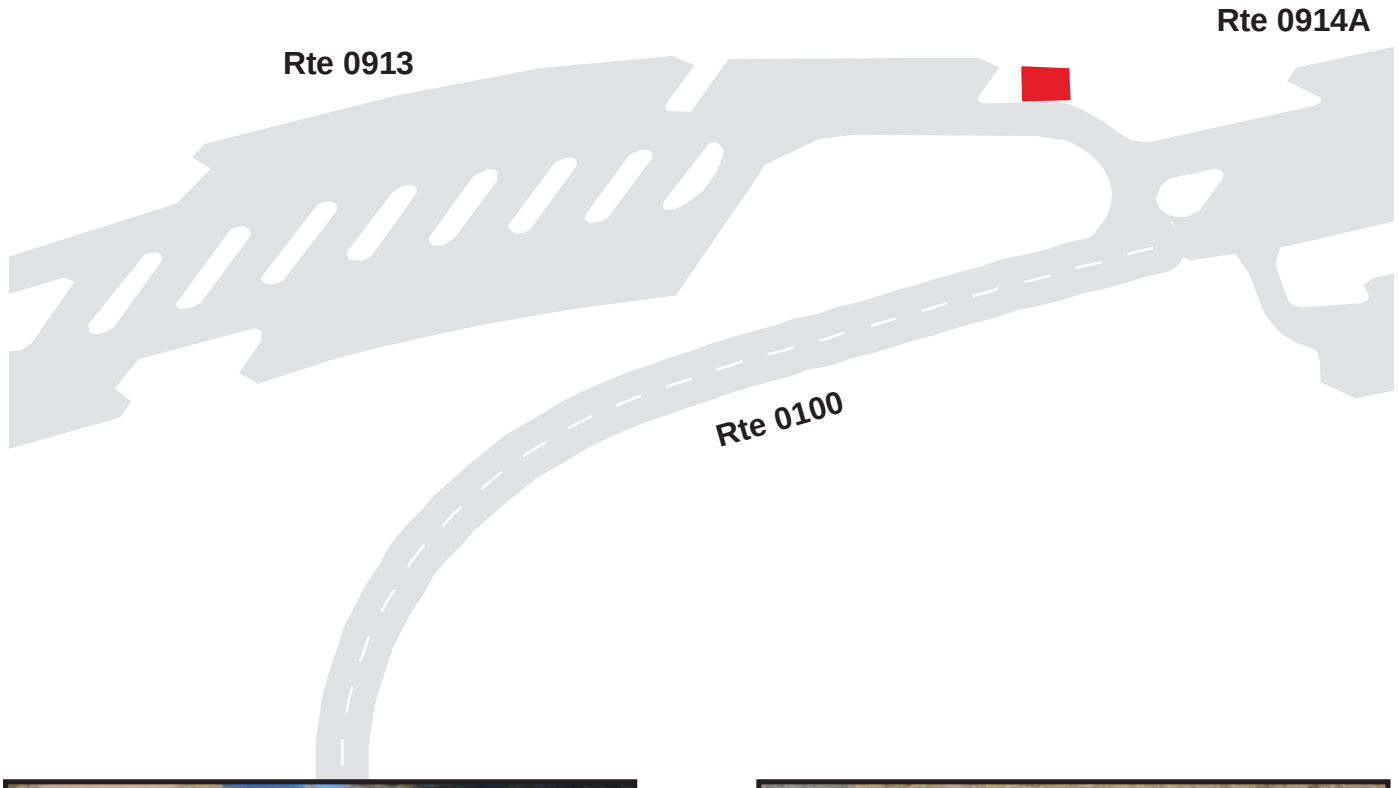
200 100 0 200
Feet

N

Curecanti National Recreation Area
Route 0915
Lake Fork Handicapp Parking
FROM ROUTE 0913

Route	Public / NonPublic	Date Visited	Area (sq ft)	Lane Miles *	Surface Type	Condition / PCR
0915	Public	6/15/2003	783	0.01	AS	FAIR / 73

* Lane miles are based on 11' lane widths



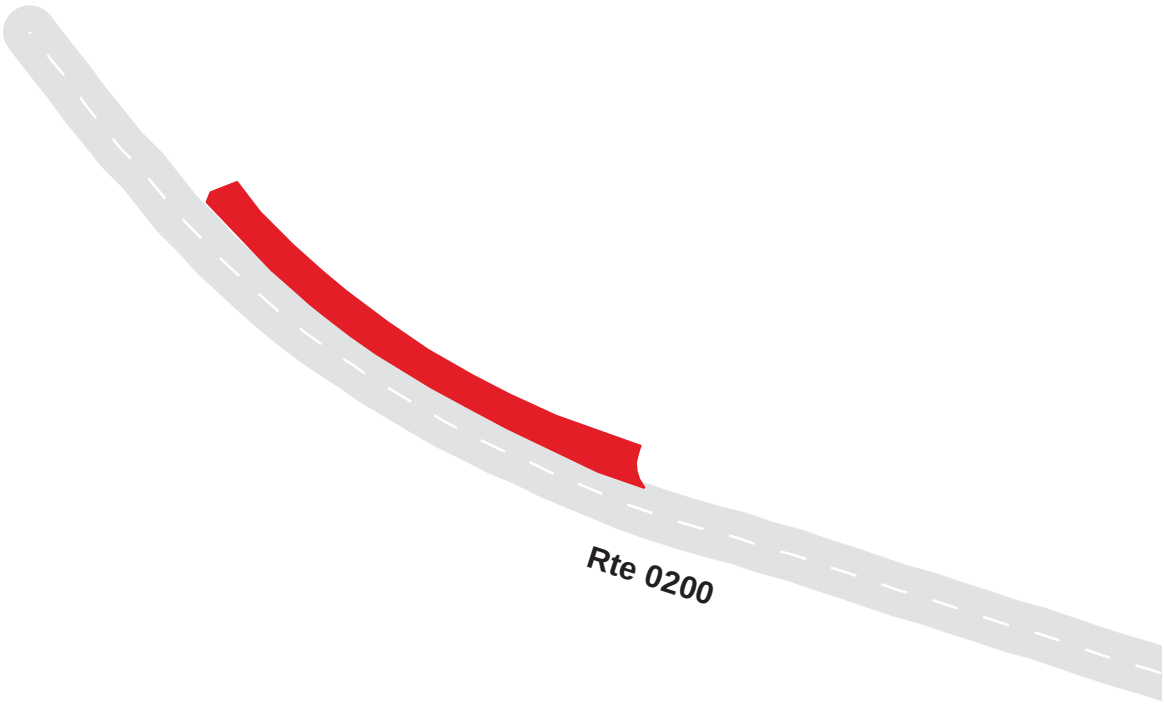
200 100 0 200
Feet

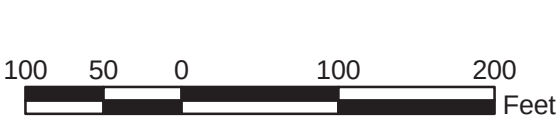
N

Curecanti National Recreation Area
Route 0916A
Iola Parking
FROM ROUTE 0200

Route	Public / NonPublic	Date Visited	Area (sq ft)	Lane Miles *	Surface Type	Condition / PCR
0916A	Public	6/15/2003	5325	0.09	AS	FAIR / 73

* Lane miles are based on 11' lane widths

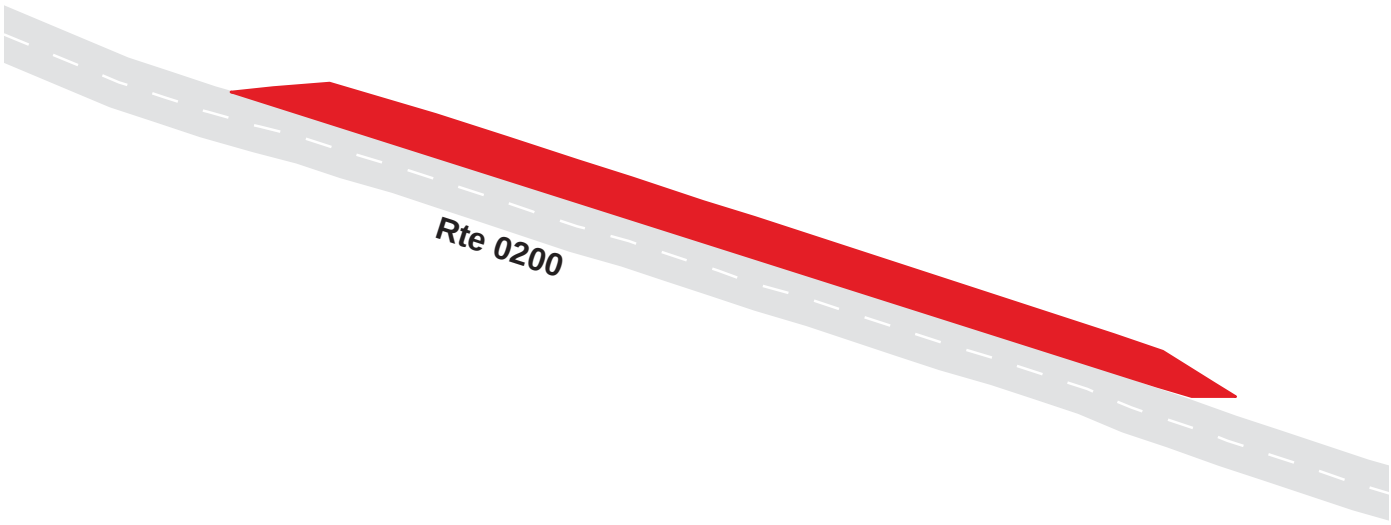




Curecanti National Recreation Area
Route 0916B
Iola Parking
FROM ROUTE 0200

Route	Public / NonPublic	Date Visited	Area (sq ft)	Lane Miles *	Surface Type	Condition / PCR
0916B	Public	6/15/2003	4161	0.07	AS	FAIR / 73

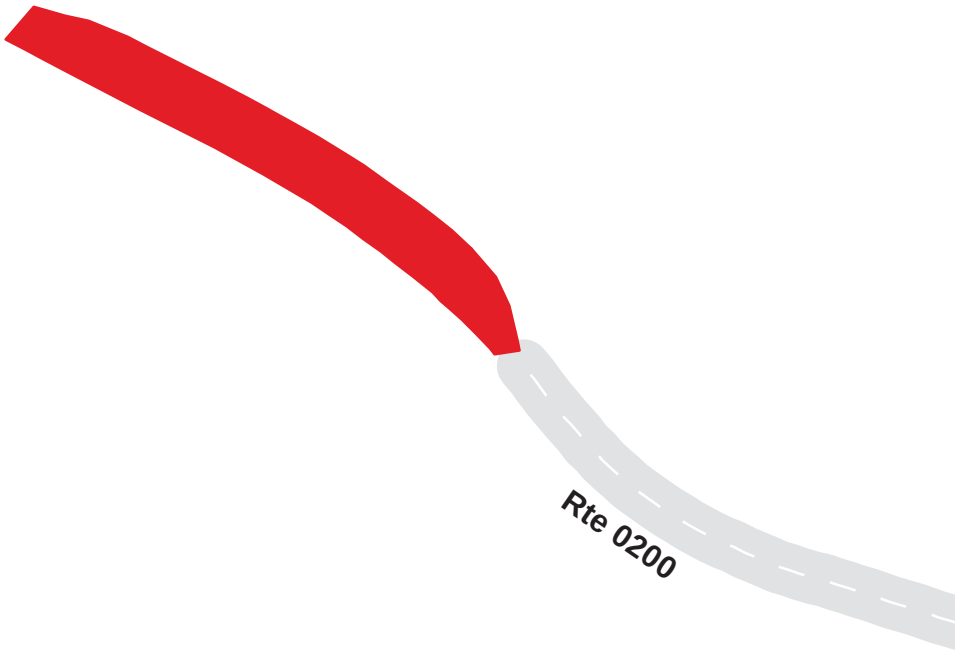
* Lane miles are based on 11' lane widths



Curecanti National Recreation Area
Route 0917
Iola Boat Parking
FROM ROUTE 0200

Route	Public / NonPublic	Date Visited	Area (sq ft)	Lane Miles *	Surface Type	Condition / PCR
0917	Public	6/15/2003	59881	1.03	AS	FAIR / 73

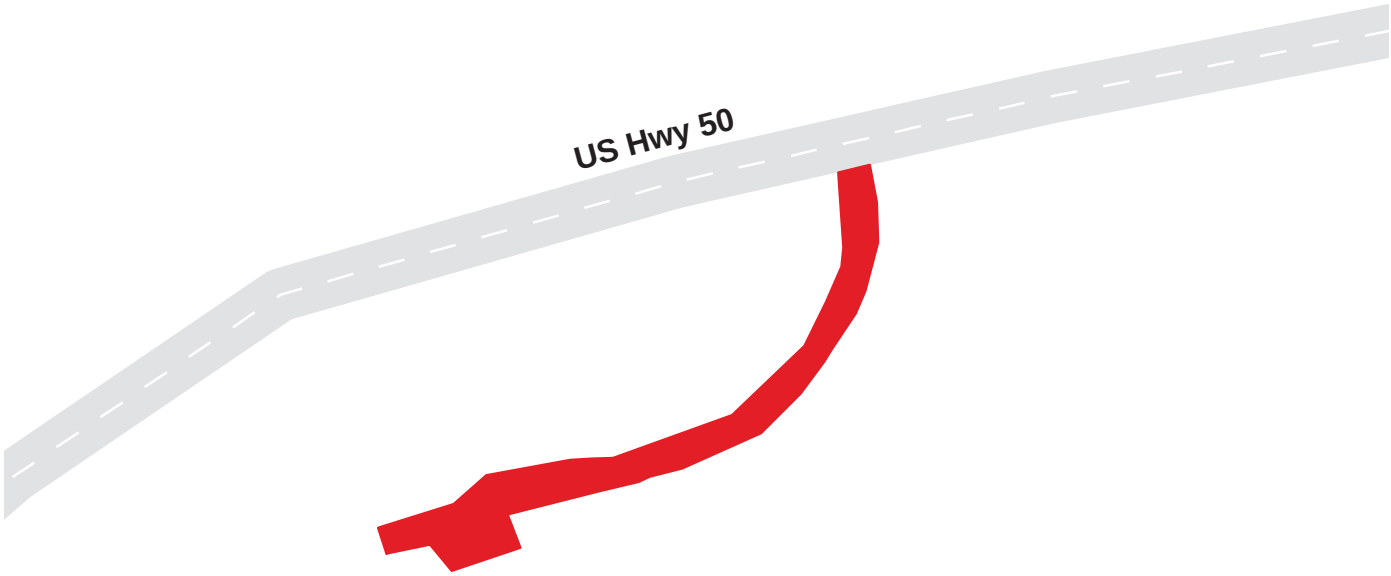
* Lane miles are based on 11' lane widths



Curecanti National Recreation Area
Route 0918
Neversink Parking
FROM US HIGHWAY 50

Route	Public / NonPublic	Date Visited	Area (sq ft)	Lane Miles *	Surface Type	Condition / PCR
0918	Public	6/15/2003	8689	0.15	AS	FAIR / 73

* Lane miles are based on 11' lane widths



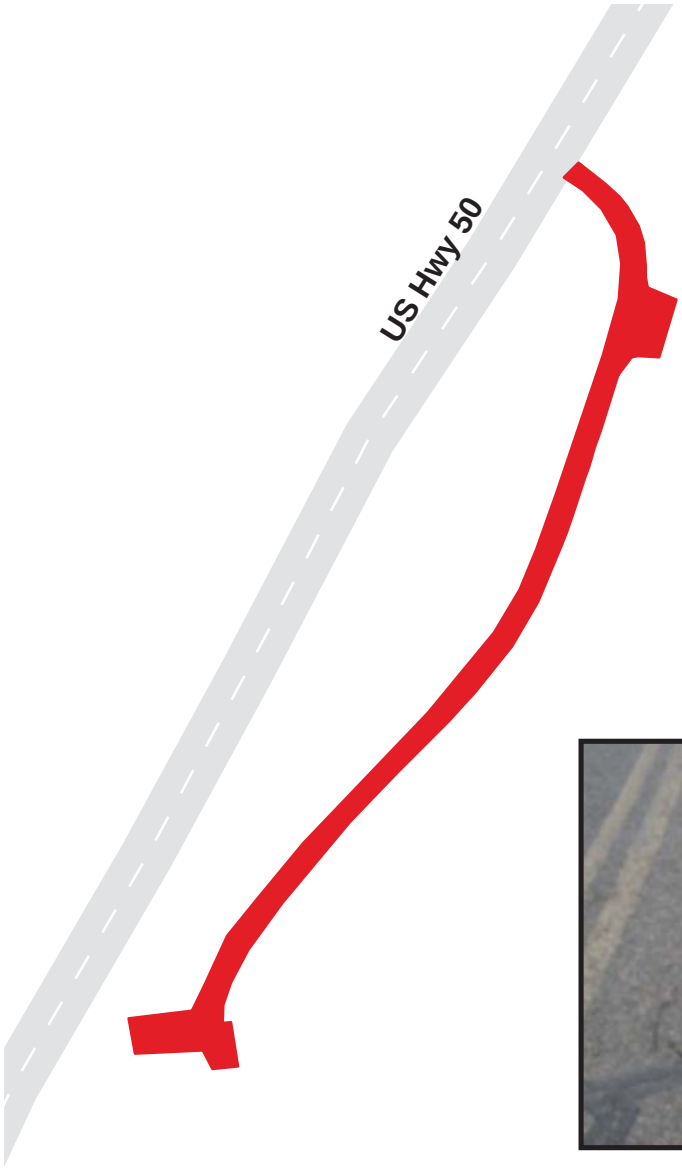
150 75 0 150
Feet

N

Curecanti National Recreation Area
Route 0919
Cooper Ranch Parking
FROM US HIGHWAY 50

Route	Public / NonPublic	Date Visited	Area (sq ft)	Lane Miles *	Surface Type	Condition / PCR
0919	Public	6/15/2003	20458	0.35	AS	FAIR / 73

* Lane miles are based on 11' lane widths



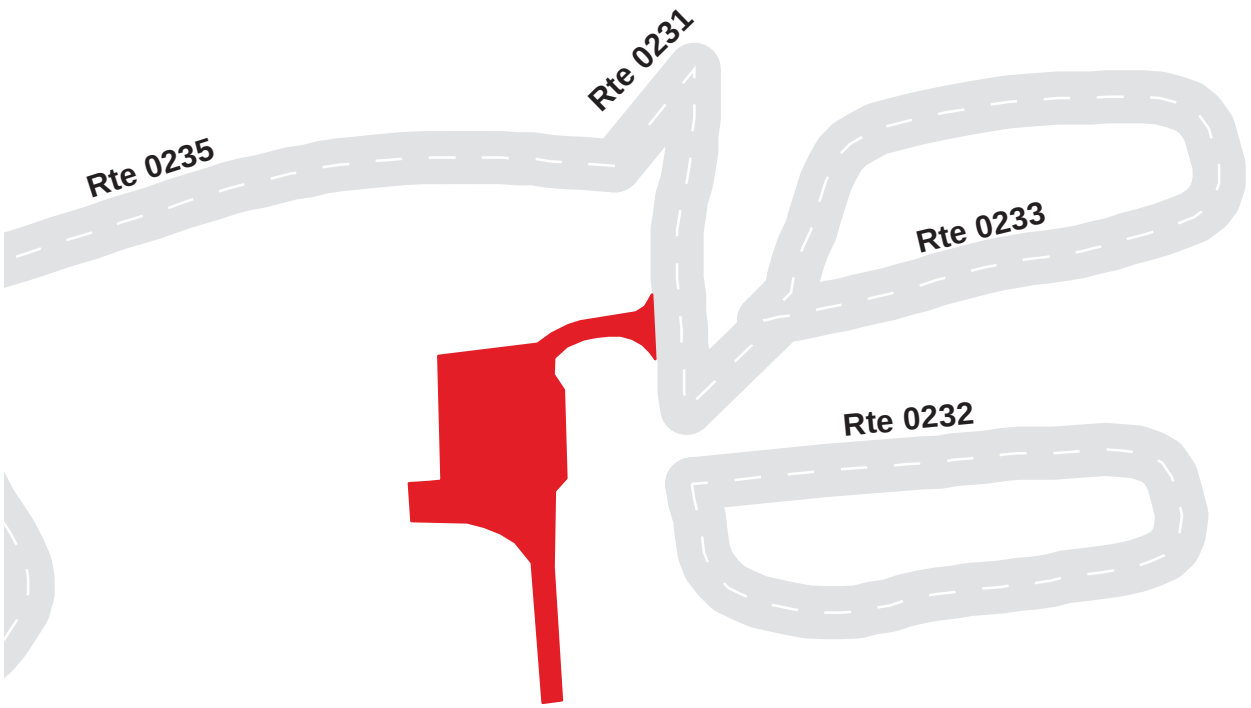
150 75 0 150
Feet

N

Curecanti National Recreation Area
Route 0920
New Stevens Creek Parking
FROM ROUTE 0231

Route	Public / NonPublic	Date Visited	Area (sq ft)	Lane Miles *	Surface Type	Condition / PCR
0920	Public	6/15/2003	28962	0.50	AS	FAIR / 73

* Lane miles are based on 11' lane widths



150 75 0 150
Feet

N

Curecanti National Recreation Area
Route 0921
Old Stevens Creek Parking
FROM US HIGHWAY 50

Route	Public / NonPublic	Date Visited	Area (sq ft)	Lane Miles *	Surface Type	Condition / PCR
0921	Public	6/15/2003	46112	0.79	AS	POOR / 45

* Lane miles are based on 11' lane widths

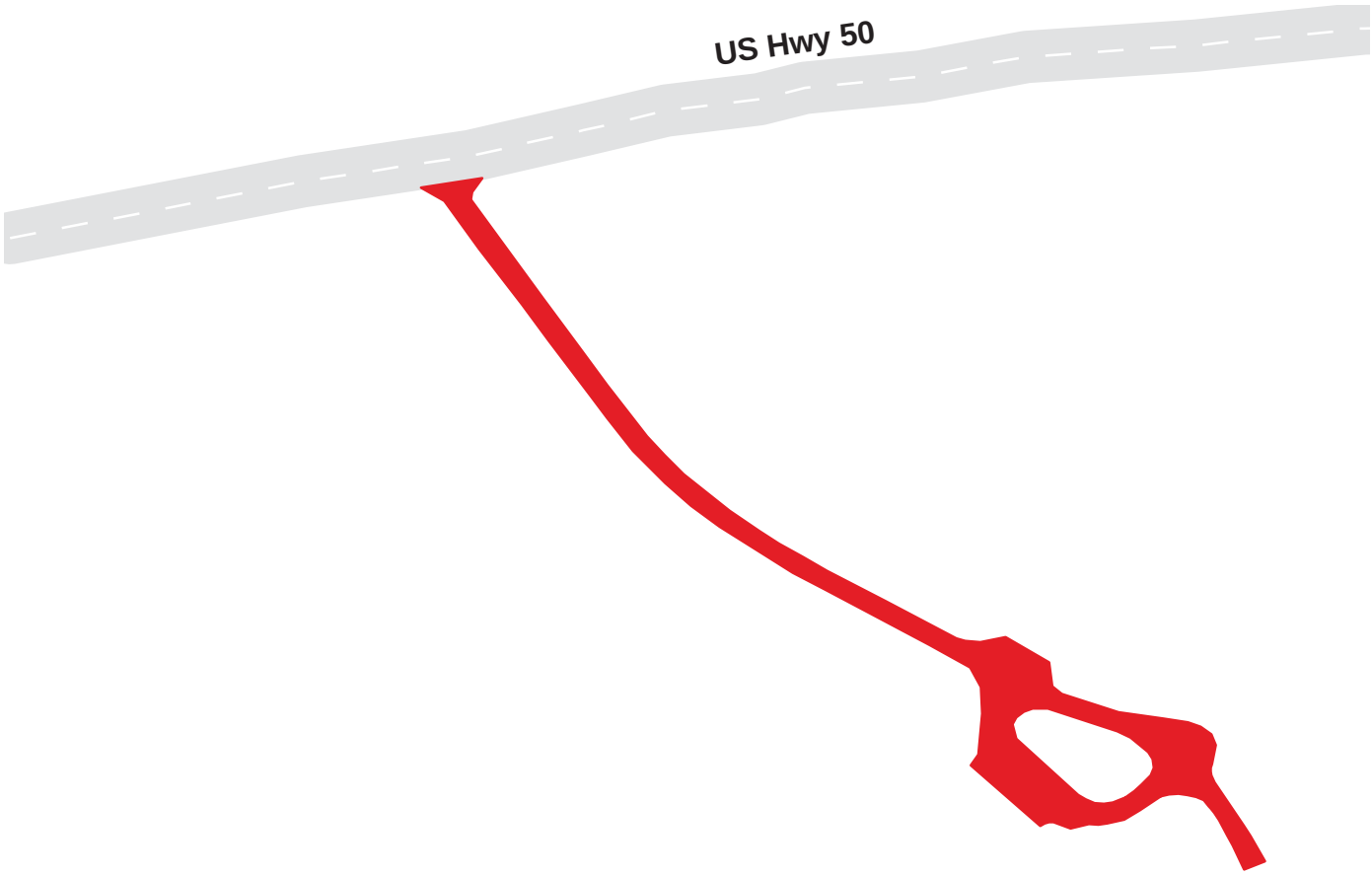
150 75 0 150
Feet

N

Curecanti National Recreation Area
Route 0922
Dry Creek Parking
FROM US HIGHWAY 50

Route	Public / NonPublic	Date Visited	Area (sq ft)	Lane Miles *	Surface Type	Condition / PCR
0922	Public	6/15/2003	47257	0.81	AS	FAIR / 73

* Lane miles are based on 11' lane widths



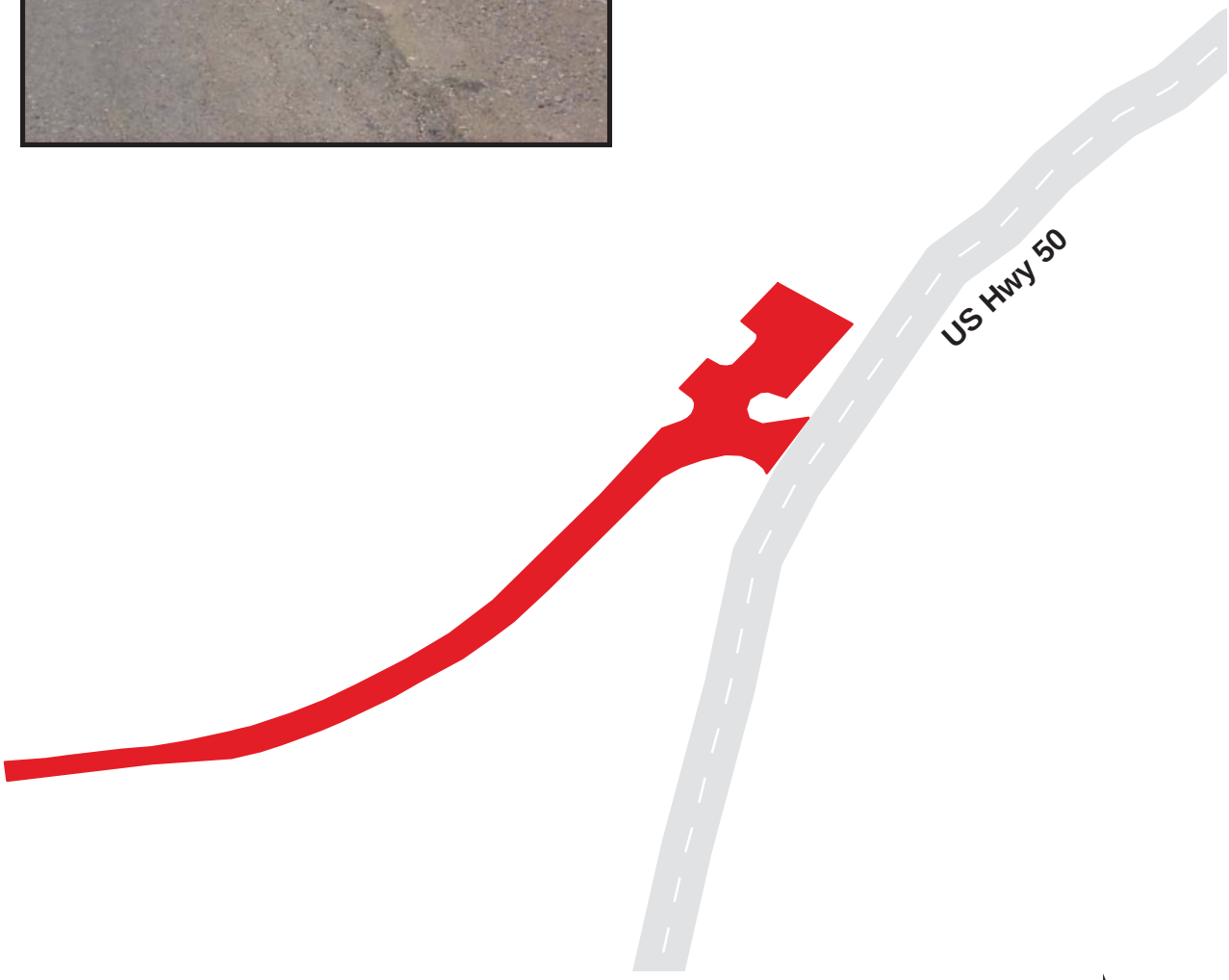
100 50 0 100
Feet

N

Curecanti National Recreation Area
Route 0923
Dillon Pinnacles Parking
FROM US HIGHWAY 50

Route	Public / NonPublic	Date Visited	Area (sq ft)	Lane Miles *	Surface Type	Condition / PCR
0923	Public	6/15/2003	21787	0.38	AS	POOR / 45

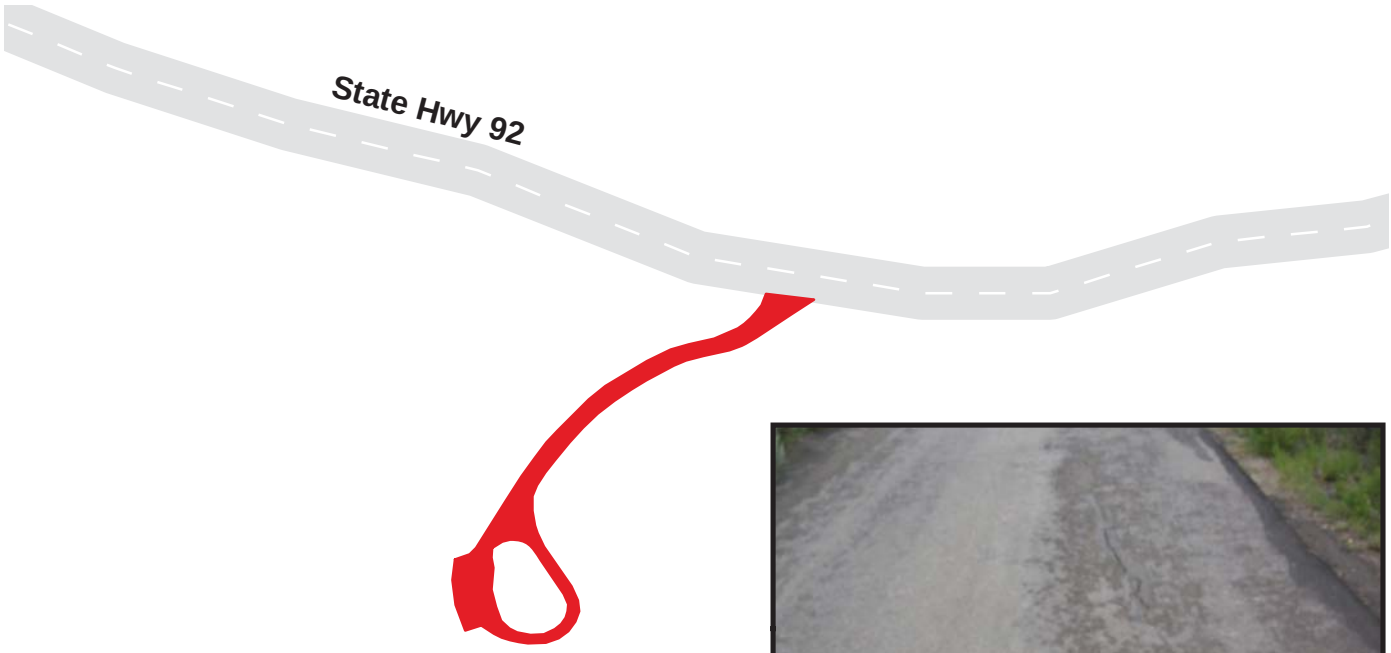
* Lane miles are based on 11' lane widths



Curecanti National Recreation Area
Route 0924
Pioneer Point Parking
FROM STATE HIGHWAY 92

Route	Public / NonPublic	Date Visited	Area (sq ft)	Lane Miles *	Surface Type	Condition / PCR
0924	Public	6/15/2003	20640	0.36	AS	POOR / 45

* Lane miles are based on 11' lane widths



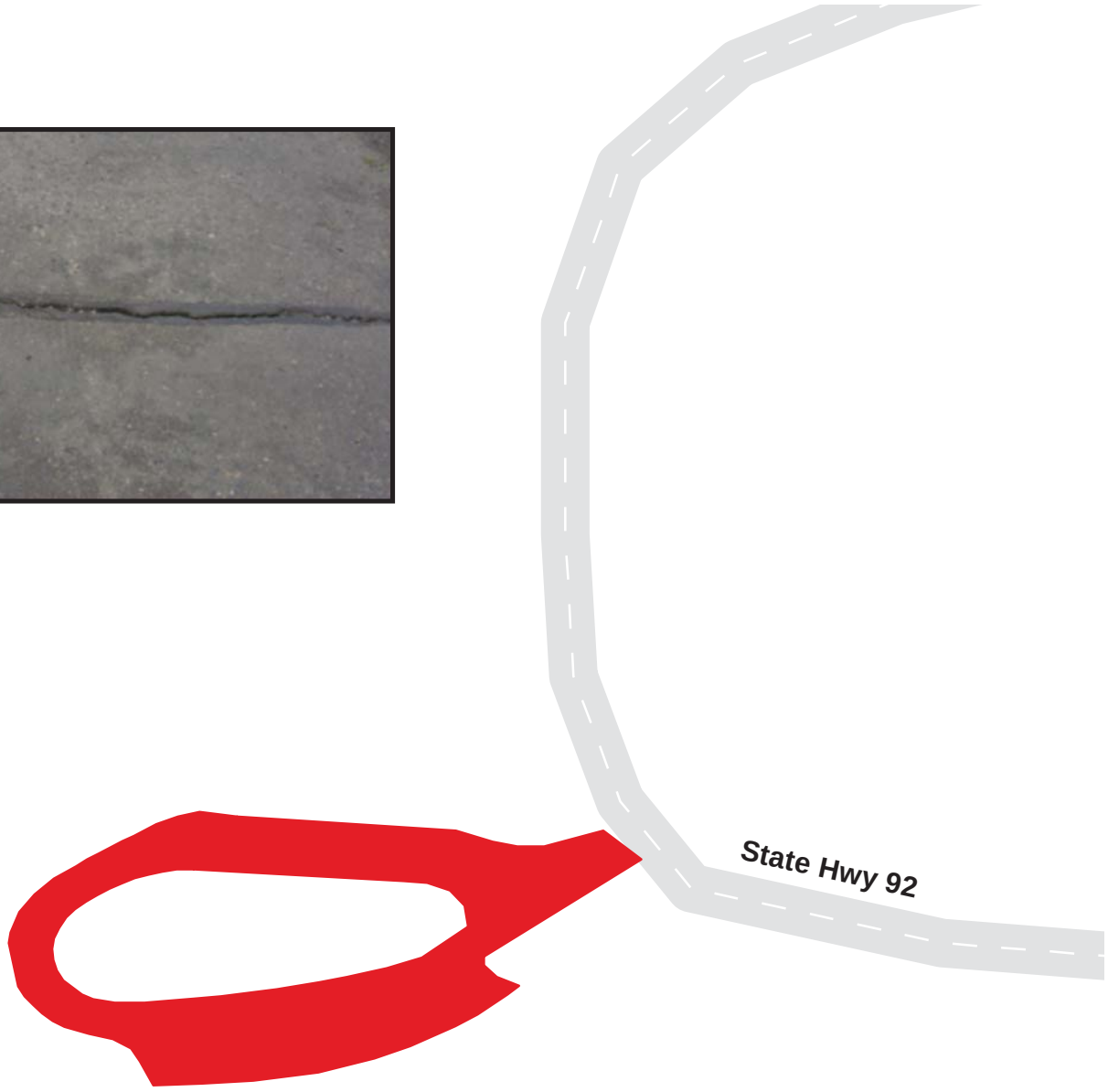
100 50 0 100
Feet

N

Curecanti National Recreation Area
Route 0925
Hermits Rest Lookout
FROM STATE HIGHWAY 92

Route	Public / NonPublic	Date Visited	Area (sq ft)	Lane Miles *	Surface Type	Condition / PCR
0925	Public	6/15/2003	11590	0.20	AS	FAIR / 73

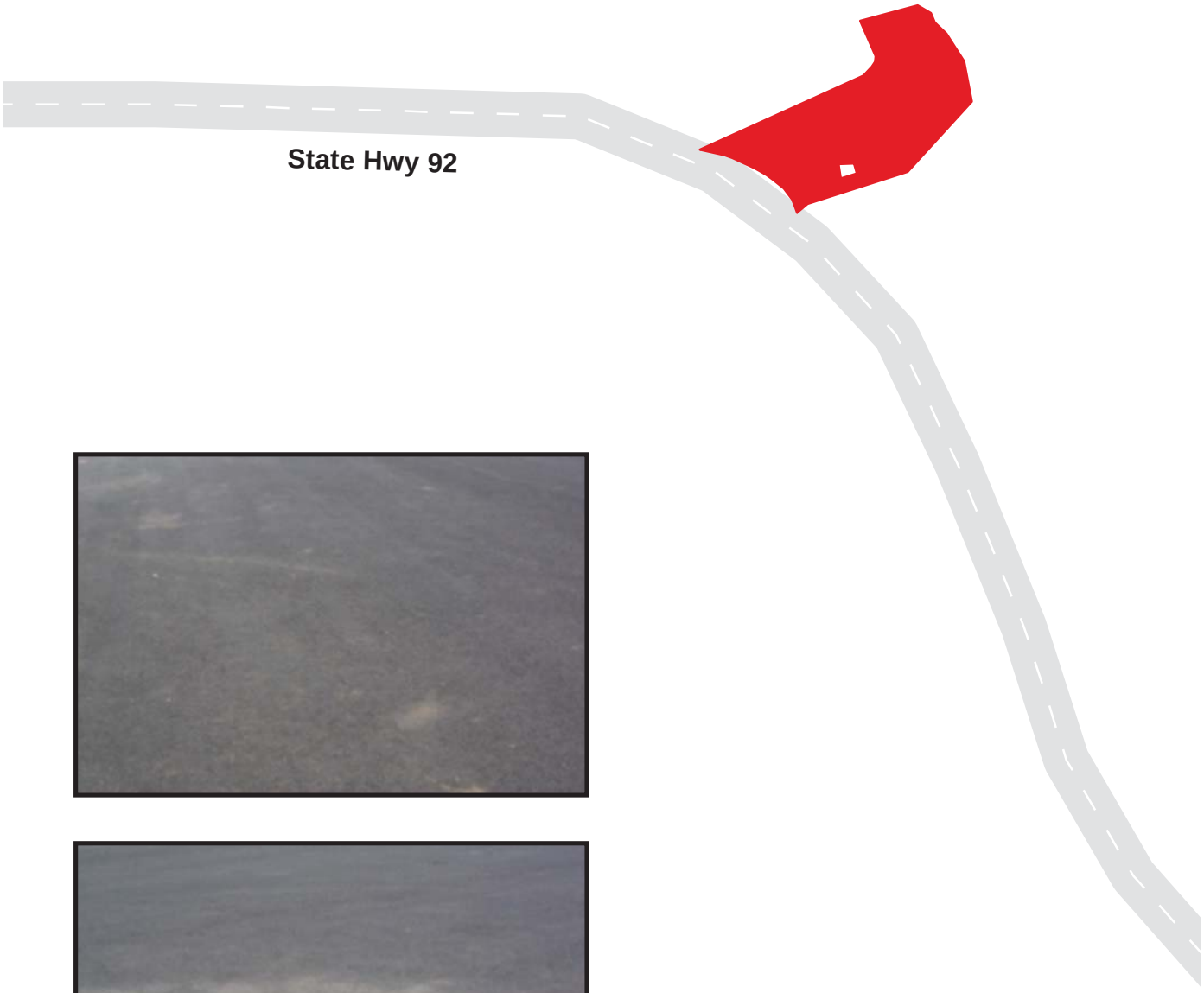
* Lane miles are based on 11' lane widths



Curecanti National Recreation Area
Route 0926
Blue Mesa Dam Parking
FROM STATE HIGHWAY 92

Route	Public / NonPublic	Date Visited	Area (sq ft)	Lane Miles *	Surface Type	Condition / PCR
0926	Public	6/15/2003	13357	0.23	AS	GOOD / 90

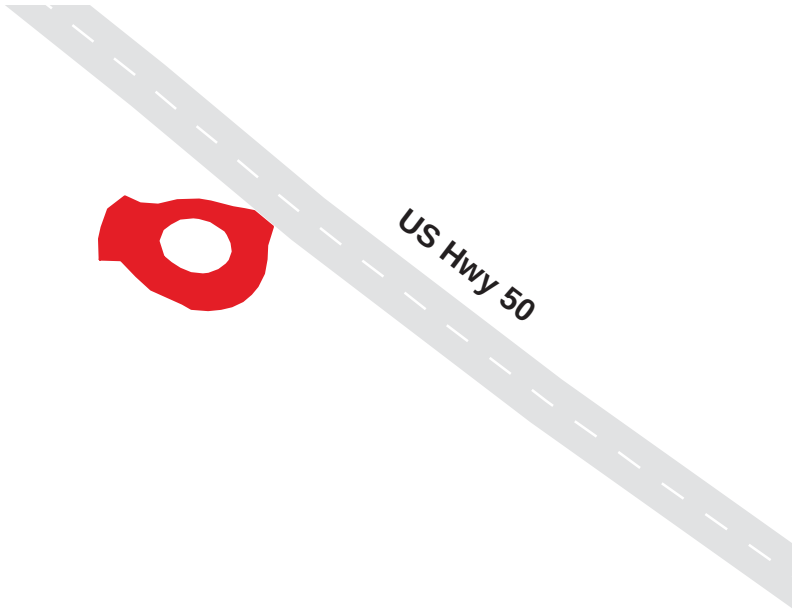
* Lane miles are based on 11' lane widths



Curecanti National Recreation Area
Route 0927
East Cimarron Parking
FROM US HIGHWAY 50

Route	Public / NonPublic	Date Visited	Area (sq ft)	Lane Miles *	Surface Type	Condition / PCR
0927	Public	6/17/2003	8476	0.15	AS	POOR / 45

* Lane miles are based on 11' lane widths



100 50 0 100
Feet

N

Curecanti National Recreation Area
Route 0929
Cimarron Dump Station
FROM BRI CIMARRON SERVICE ROAD

Route	Public / NonPublic	Date Visited	Area (sq ft)	Lane Miles *	Surface Type	Condition / PCR
0929	Public	6/17/2003	7291	0.13	AS	FAIR / 73

* Lane miles are based on 11' lane widths

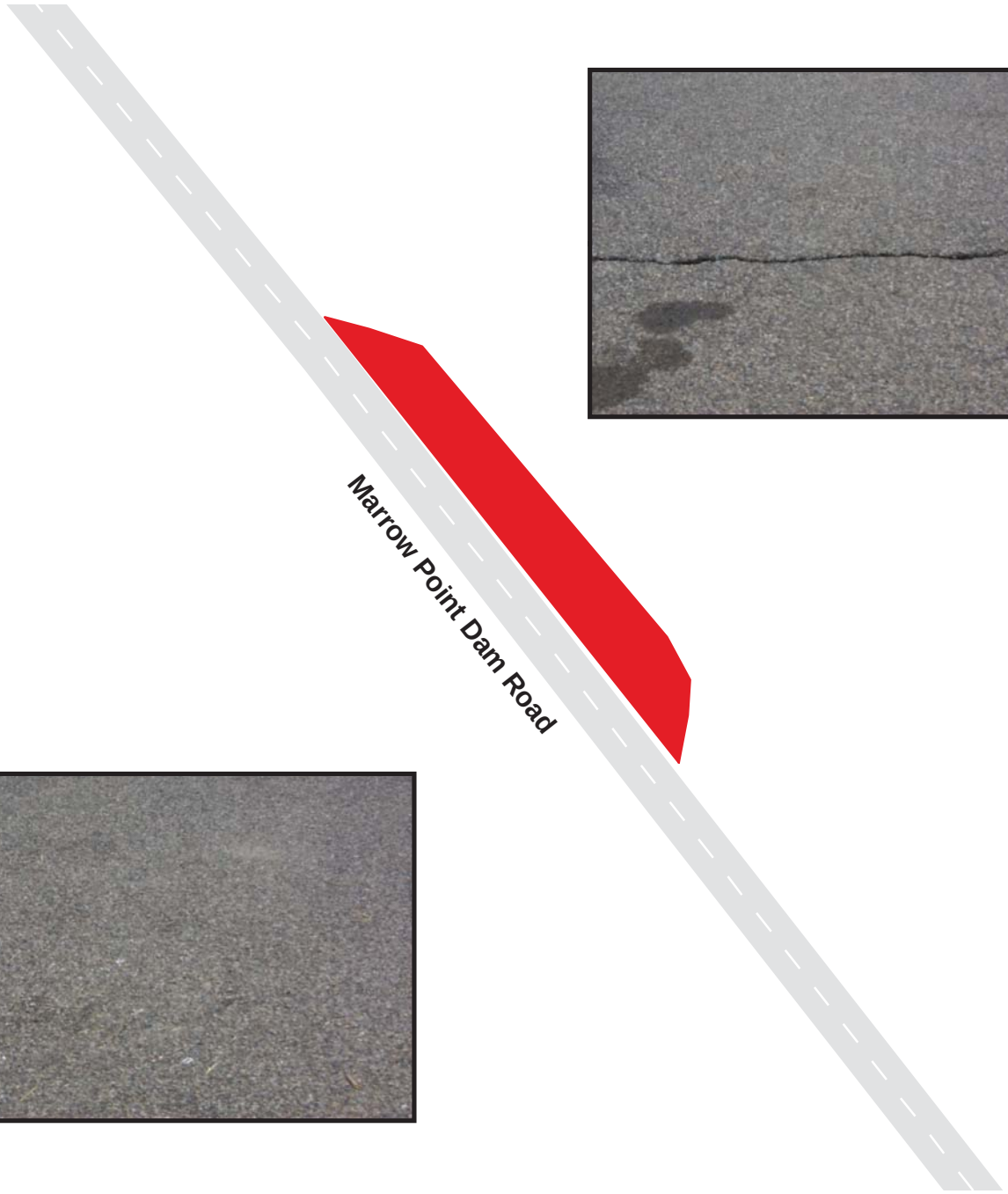
100 50 0 100
Feet

N

Curecanti National Recreation Area
Route 0930A
Cimarron Visitor Center Parking
FROM MORROW POINT DAM ROAD

Route	Public / NonPublic	Date Visited	Area (sq ft)	Lane Miles *	Surface Type	Condition / PCR
0930A	Public	6/17/2003	1162	0.02	AS	GOOD / 90

* Lane miles are based on 11' lane widths



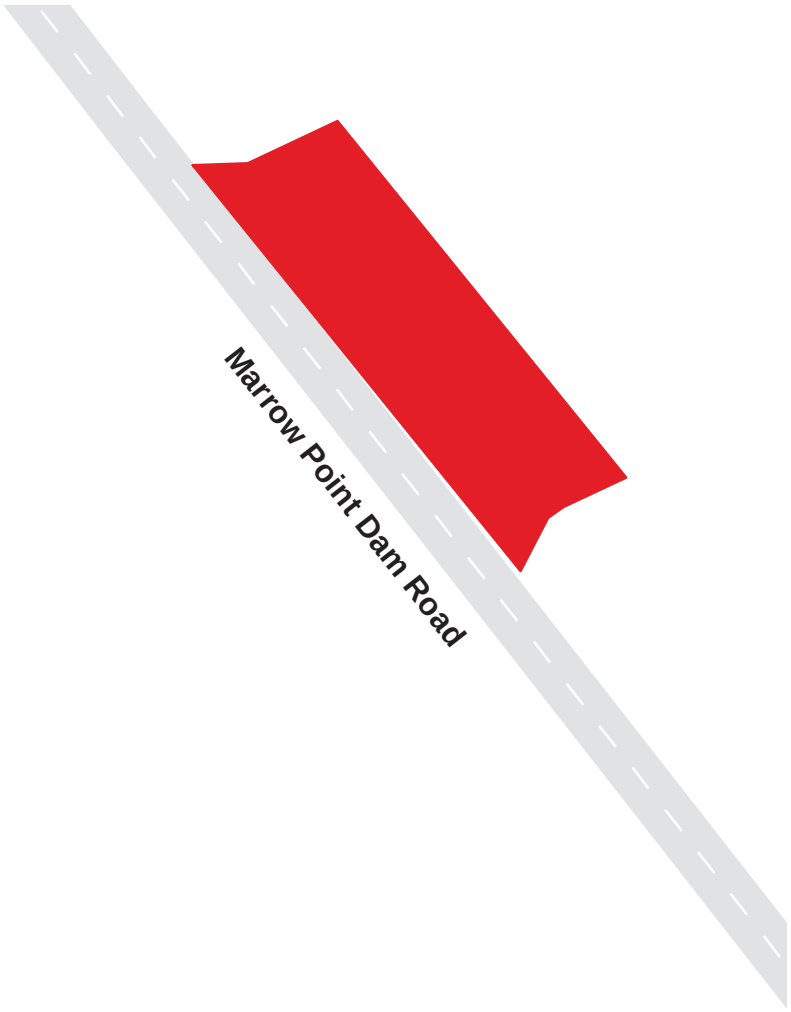
50 25 0 50
Feet

N

Curecanti National Recreation Area
Route 0930B
Cimarron Visitor Center Parking
FROM MORROW POINT DAM ROAD

Route	Public / NonPublic	Date Visited	Area (sq ft)	Lane Miles *	Surface Type	Condition / PCR
0930B	Public	6/17/2003	1817	0.03	AS	GOOD / 90

* Lane miles are based on 11' lane widths



50 25 0 50
Feet

N

Curecanti National Recreation Area
Route 0931
Cimarron Employee Parking
FROM MORROW POINT DAM ROAD

Route	Public / NonPublic	Date Visited	Area (sq ft)	Lane Miles *	Surface Type	Condition / PCR
0931	NonPublic	6/17/2003	3016	0.05	AS	FAIR / 73

* Lane miles are based on 11' lane widths

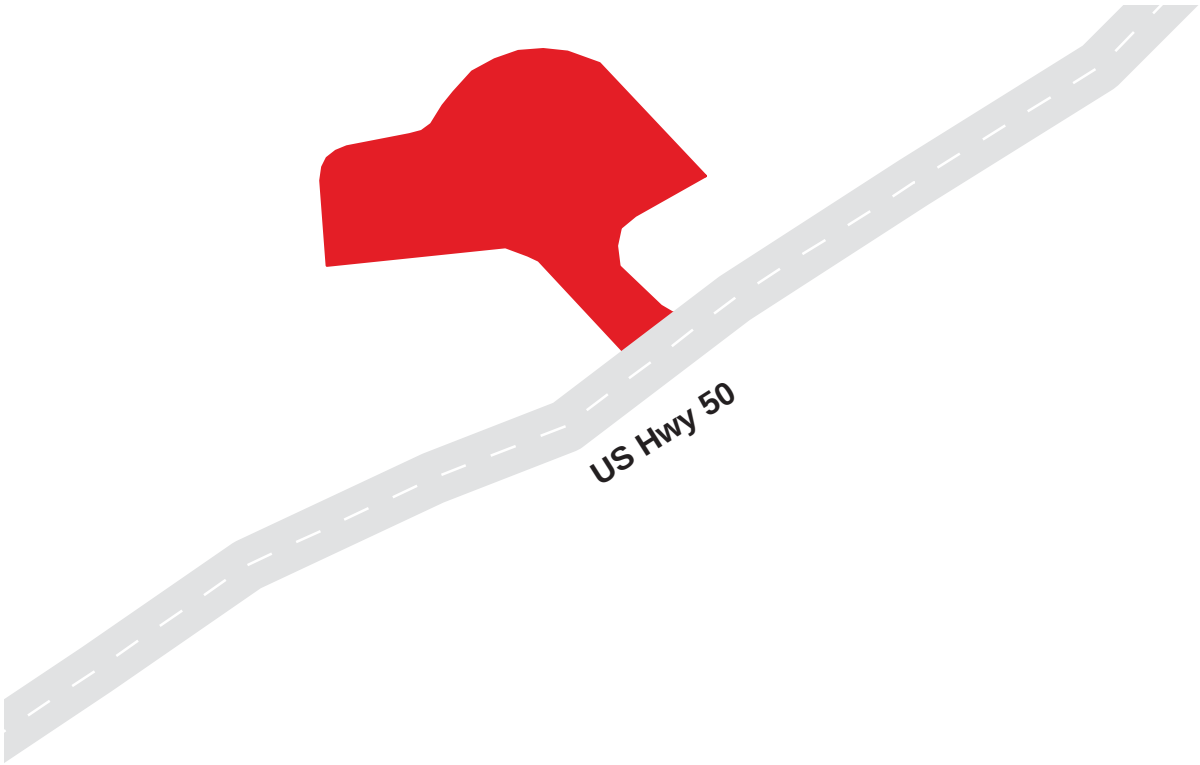
50 25 0 50
Feet

N

Curecanti National Recreation Area
Route 0932
Beaver Creek Parking
FROM US HIGHWAY 50

Route	Public / NonPublic	Date Visited	Area (sq ft)	Lane Miles *	Surface Type	Condition / PCR
0932	Public	6/17/2003	14620	0.25	AS	FAIR / 73

* Lane miles are based on 11' lane widths



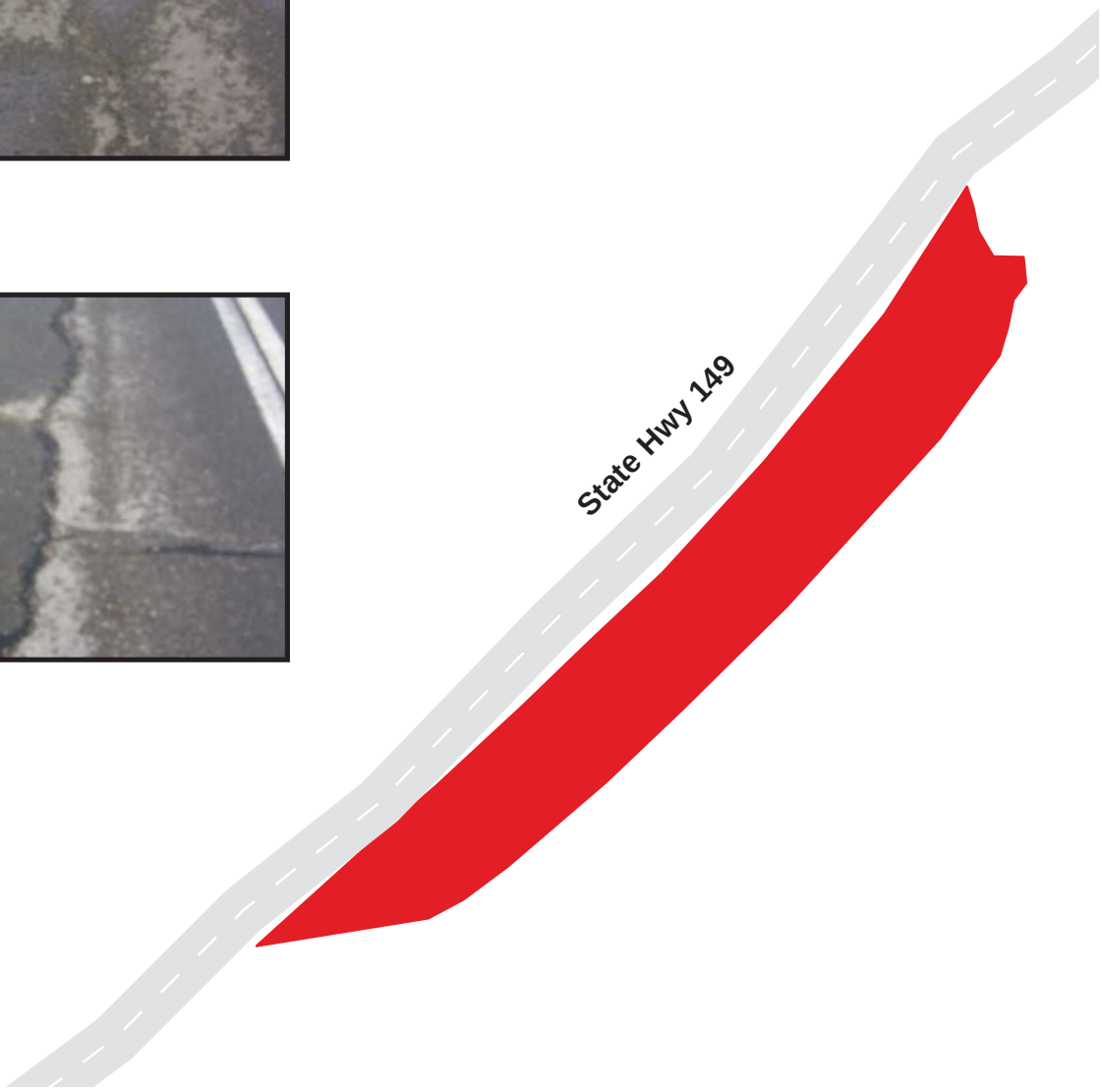
100 50 0 100
Feet

N

Curecanti National Recreation Area
Route 0933
Lake City Bridge Parking
FROM STATE HIGHWAY 149

Route	Public / NonPublic	Date Visited	Area (sq ft)	Lane Miles *	Surface Type	Condition / PCR
0933	Public	6/17/2003	9394	0.16	AS	FAIR / 73

* Lane miles are based on 11' lane widths



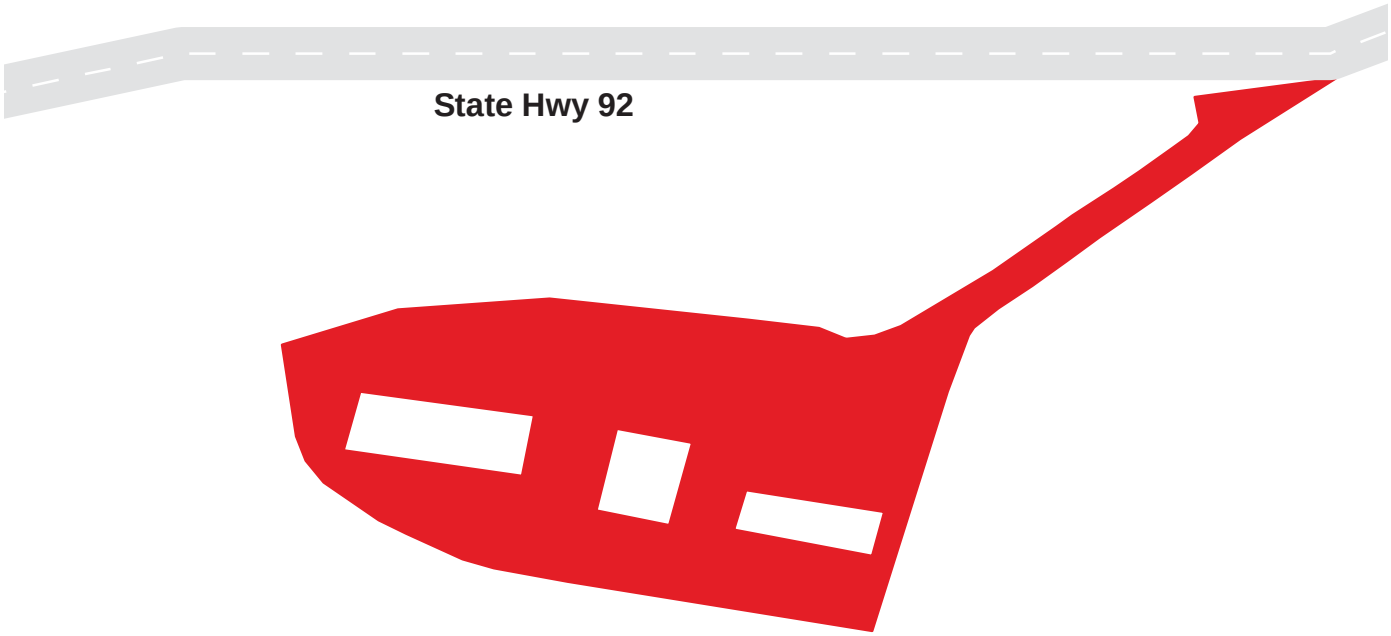
50 25 0 50 Feet

N

Curecanti National Recreation Area
Route 0937
Lake Fork Maintenance Area
FROM STATE HIGHWAY 92

Route	Public / NonPublic	Date Visited	Area (sq ft)	Lane Miles *	Surface Type	Condition / PCR
0937	NonPublic	6/17/2003	41310	0.71	AS	POOR / 45

* Lane miles are based on 11' lane widths



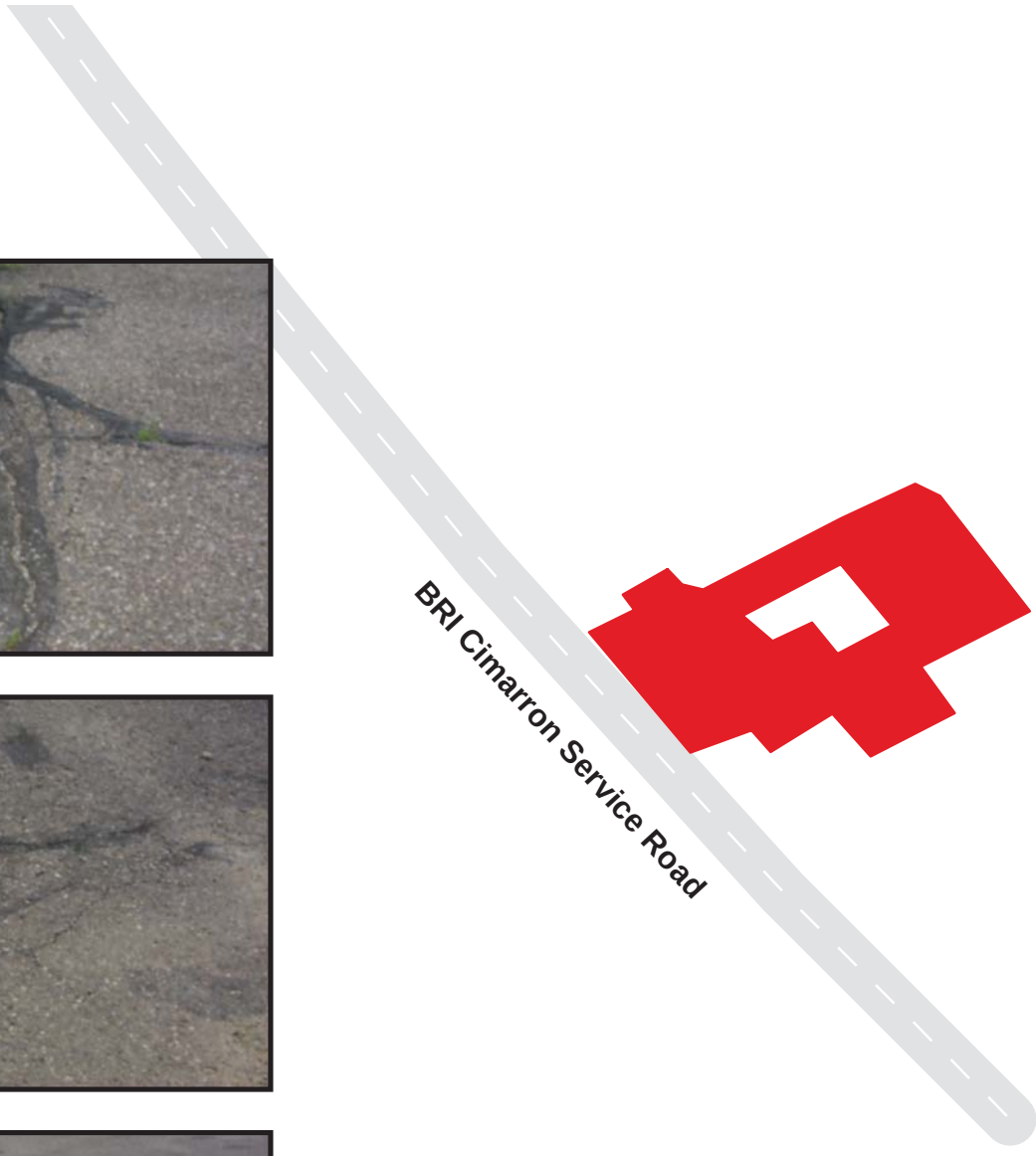
100 50 0 100
Feet

N

Curecanti National Recreation Area
Route 0938
Cimarron Maintenance Area
FROM BRI CIMARRON SERVICE ROAD

Route	Public / NonPublic	Date Visited	Area (sq ft)	Lane Miles *	Surface Type	Condition / PCR
0938	NonPublic	6/17/2003	22446	0.39	AS	POOR / 45

* Lane miles are based on 11' lane widths



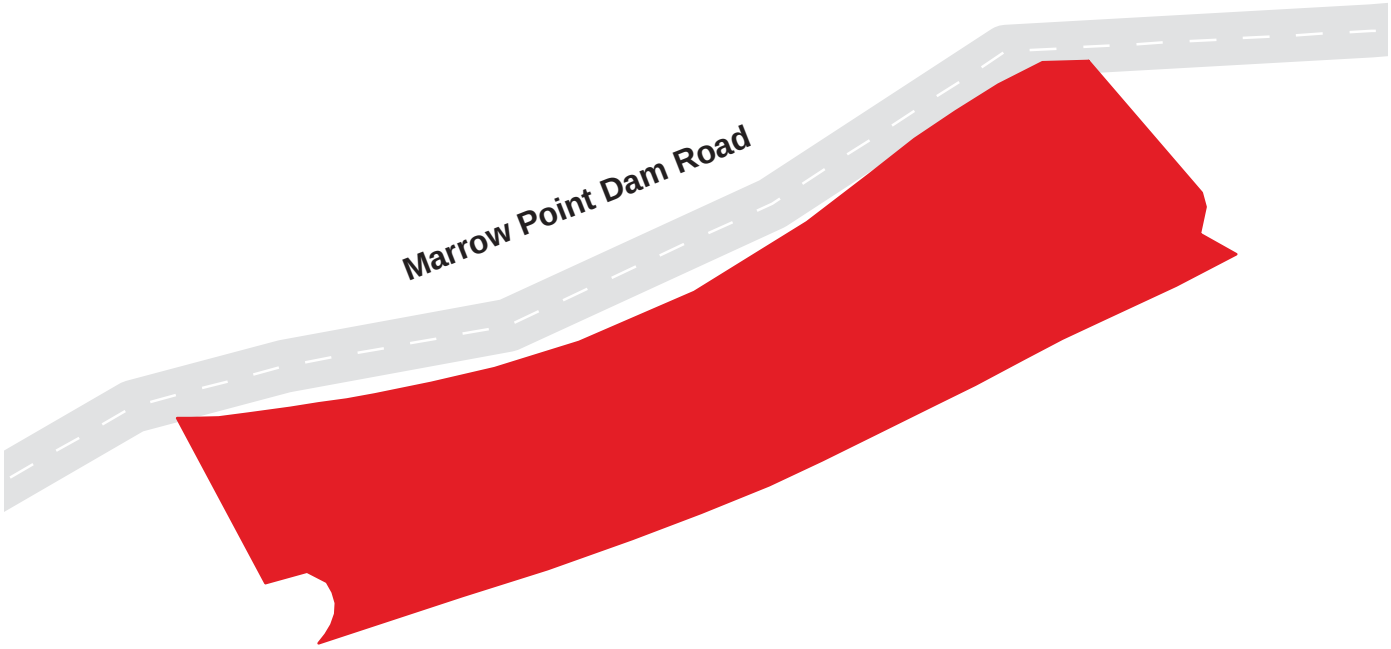
100 50 0 100
Feet

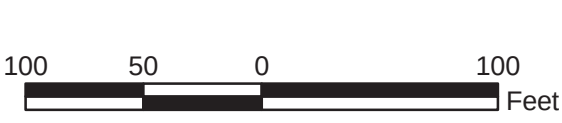
N

Curecanti National Recreation Area
Route 0939
Morrow Point Dam Picnic Area
FROM MORROW POINT DAM ROAD

Route	Public / NonPublic	Date Visited	Area (sq ft)	Lane Miles *	Surface Type	Condition / PCR
0939	Public	6/17/2003	31328	0.54	AS	FAIR / 73

* Lane miles are based on 11' lane widths

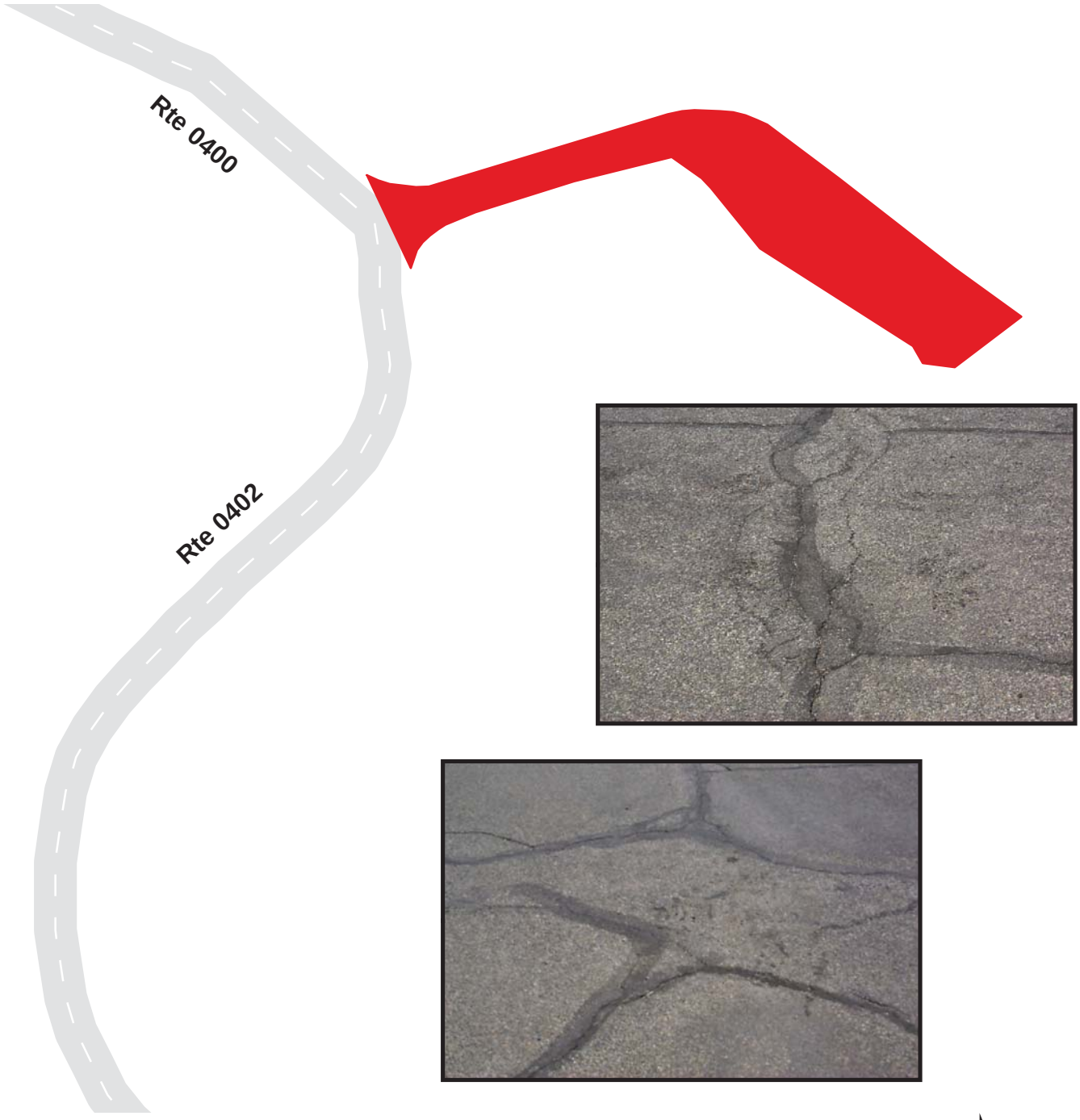




Curecanti National Recreation Area
Route 0959
Upper Residence Parking
FROM ROUTE 0402

Route	Public / NonPublic	Date Visited	Area (sq ft)	Lane Miles *	Surface Type	Condition / PCR
0959	NonPublic	6/17/2003	10311	0.18	AS	FAIR / 73

* Lane miles are based on 11' lane widths



CURE: PARKWIDE MAINTENANCE FEATURES SUMMARY

FEATURE	PARK TOTAL	UNIT
BRIDGE	0	EACH
CATTLE GUARD	0	EACH
CULVERT	23	EACH
CURB	2,292	LINEAR FEET
DROP INLET	2	EACH
GUARD WALL	0	LINEAR FEET
GUARDRAIL	0	LINEAR FEET
INTERSECTION	93	EACH
LOW WATER CROSSING	0	EACH
OVERHEAD SIGN	0	EACH
PARK BOUNDARY	0	EACH
PAVED DITCH	0	LINEAR FEET
PULLOUT	8	EACH
RAILROAD CROSSING	0	EACH
RETAINING WALL	0	EACH
STATE BOUNDARY	0	EACH
TRAFFIC LIGHT	0	EACH
TUNNEL	0	EACH
TURNOUT	0	LINEAR FEET

CURE: ROUTE MAINTENANCE FEATURES SUMMARY

FEATURE	ROUTE 0010 ELK CREEK ENTRANCE ROAD	ROUTE 0100 LAKE FORK CAMPGROUND ROAD	ROUTE 0200 IOLA ROAD	ROUTE 0207 ELK CREEK CAMPGROUND ROAD	ROUTE 0220 ELK CREEK SERVICE ROAD	ROUTE 0221 OLD US HWY 50	UNIT
BRIDGE	0	0	0	0	0	0	EACH
CATTLE GUARD	0	0	0	0	0	0	EACH
CULVERT	4	4	3	3	0	1	EACH
CURB	1,030	465	686	111	0	0	LINEAR FEET
DROP INLET	2	0	0	0	0	0	EACH
GUARD WALL	0	0	0	0	0	0	LINEAR FEET
GUARDRAIL	0	0	0	0	0	0	LINEAR FEET
INTERSECTION	8	8	3	15	4	3	EACH
LOW WATER CROSSING	0	0	0	0	0	0	EACH
OVERHEAD SIGN	0	0	0	0	0	0	EACH
PARK BOUNDARY	0	0	0	0	0	0	EACH
PAVED DITCH	0	0	0	0	0	0	LINEAR FEET
PULLOUT	0	0	1	1	0	0	EACH
RAILROAD CROSSING	0	0	0	0	0	0	EACH
RETAINING WALL	0	0	0	0	0	0	EACH
STATE BOUNDARY	0	0	0	0	0	0	EACH
TRAFFIC LIGHT	0	0	0	0	0	0	EACH
TUNNEL	0	0	0	0	0	0	EACH
TURNOUT	0	0	0	0	0	0	LINEAR FEET

CURE: ROUTE MAINTENANCE FEATURES SUMMARY

FEATURE	ROUTE 0222 EAST PORTAL CAMPGROUND ACCESS ROAD	ROUTE 0226 ELK CREEK CAMPGROUND LOOP A	ROUTE 0227 ELK CREEK CAMPGROUND LOOP B	ROUTE 0228 ELK CREEK CAMPGROUND LOOP C	ROUTE 0230 CIMARRON CAMPGROUND LOOP	ROUTE 0231 NEW STEVENS CREEK CAMPGROUND ROAD	UNIT
BRIDGE	0	0	0	0	0	0	EACH
CATTLE GUARD	0	0	0	0	0	0	EACH
CULVERT	0	0	1	2	2	0	EACH
CURB	0	0	0	0	0	0	LINEAR FEET
DROP INLET	0	0	0	0	0	0	EACH
GUARD WALL	0	0	0	0	0	0	LINEAR FEET
GUARDRAIL	0	0	0	0	0	0	LINEAR FEET
INTERSECTION	2	7	5	5	5	5	EACH
LOW WATER CROSSING	0	0	0	0	0	0	EACH
OVERHEAD SIGN	0	0	0	0	0	0	EACH
PARK BOUNDARY	0	0	0	0	0	0	EACH
PAVED DITCH	0	0	0	0	0	0	LINEAR FEET
PULLOUT	0	0	0	0	5	0	EACH
RAILROAD CROSSING	0	0	0	0	0	0	EACH
RETAINING WALL	0	0	0	0	0	0	EACH
STATE BOUNDARY	0	0	0	0	0	0	EACH
TRAFFIC LIGHT	0	0	0	0	0	0	EACH
TUNNEL	0	0	0	0	0	0	EACH
TURNOUT	0	0	0	0	0	0	LINEAR FEET

CURE: ROUTE MAINTENANCE FEATURES SUMMARY

FEATURE	ROUTE 0232 NEW STEVENS CREEK CAMPGROUND LOOP A	ROUTE 0233 NEW STEVENS CREEK CAMPGROUND LOOP B	ROUTE 0235 NEW STEVENS CREEK CAMPGROUND LOOP C	ROUTE 0400 ELK CREEK MAINTENANCE ROAD	ROUTE 0402 ELK CREEK RESIDENCE ROAD	UNIT
BRIDGE	0	0	0	0	0	EACH
CATTLE GUARD	0	0	0	0	0	EACH
CULVERT	0	0	1	1	1	EACH
CURB	0	0	0	0	0	LINEAR FEET
DROP INLET	0	0	0	0	0	EACH
GUARD WALL	0	0	0	0	0	LINEAR FEET
GUARDRAIL	0	0	0	0	0	LINEAR FEET
INTERSECTION	3	4	5	4	7	EACH
LOW WATER CROSSING	0	0	0	0	0	EACH
OVERHEAD SIGN	0	0	0	0	0	EACH
PARK BOUNDARY	0	0	0	0	0	EACH
PAVED DITCH	0	0	0	0	0	LINEAR FEET
PULLOUT	0	1	0	0	0	EACH
RAILROAD CROSSING	0	0	0	0	0	EACH
RETAINING WALL	0	0	0	0	0	EACH
STATE BOUNDARY	0	0	0	0	0	EACH
TRAFFIC LIGHT	0	0	0	0	0	EACH
TUNNEL	0	0	0	0	0	EACH
TURNOUT	0	0	0	0	0	LINEAR FEET

CURE: ROUTE MAINTENANCE FEATURES ROAD LOG

ROUTE 0010 : ELK CREEK ENTRANCE ROAD

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.000	0.000			ROUTE BEGINS AT US HWY 50
0.001	0.001	INTERSECTION	RIGHT	US HWY 50
0.002	0.002	INTERSECTION	LEFT	US HWY 50
0.092	0.092	CULVERT	N/A	
0.130	0.130	INTERSECTION	LEFT	RTE 400
0.176	0.176	CULVERT	N/A	
0.222	0.222	CULVERT	N/A	
0.293	0.293	INTERSECTION	RIGHT	RTE 903
0.359	0.359	INTERSECTION	RIGHT	RTE 207
0.368	0.378	CURB	LEFT	
0.369	0.369	CULVERT	N/A	
0.380	0.565	CURB	RIGHT	
0.439	0.439	INTERSECTION	LEFT	RTE 904
0.458	0.458	INTERSECTION	RIGHT	
0.530	0.530	DROP INLET	RIGHT	
0.568	0.568	INTERSECTION	RIGHT	
0.569	0.569	DROP INLET	RIGHT	
0.590	0.590			ROUTE ENDS AT RTE 904

CURE: ROUTE MAINTENANCE FEATURES ROAD LOG

ROUTE 0100 : LAKE FORK CAMPGROUND ROAD

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.000	0.000			ROUTE BEGINS AT US HWY 92
0.001	0.001	CULVERT	N/A	
0.008	0.008	INTERSECTION	LEFT	US HWY 92
0.009	0.009	INTERSECTION	RIGHT	US HWY 92
0.055	0.055	CULVERT	N/A	
0.099	0.099	CULVERT	N/A	
0.114	0.138	CURB	LEFT	
0.115	0.179	CURB	RIGHT	
0.119	0.119	INTERSECTION	LEFT	ROUTE 911
0.137	0.137	CULVERT	N/A	
0.137	0.137	INTERSECTION	RIGHT	ROUTE 910A
0.143	0.143	INTERSECTION	LEFT	ROUTE 911
0.164	0.164	INTERSECTION	RIGHT	ROUTE 910B
0.166	0.166	INTERSECTION	LEFT	ROUTE 913
0.180	0.180			ROUTE ENDS AT ROUTE 914A
0.182	0.182	INTERSECTION	RIGHT	ROUTE 914A

CURE: ROUTE MAINTENANCE FEATURES ROAD LOG

ROUTE 0200 : IOLA ROAD

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.000	0.000			ROUTE BEGINS AT STATE HWY 149
0.001	0.001	INTERSECTION	LEFT	STATE HWY 149
0.005	0.005	CULVERT	N/A	
0.023	0.023	CULVERT	N/A	
0.058	0.123	PULLOUT	RIGHT	
0.058	0.188	CURB	RIGHT	
0.113	0.113	CULVERT	N/A	
0.150	0.150	INTERSECTION	RIGHT	RTE 916
0.218	0.218	INTERSECTION	RIGHT	RTE 917
0.220	0.220			ROUTE ENDS AT RTE 917

CURE: ROUTE MAINTENANCE FEATURES ROAD LOG

ROUTE 0207 : ELK CREEK CAMPGROUND ROAD

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.000	0.000			ROUTE BEGINS AT RTE 010
0.002	0.002	INTERSECTION	LEFT	RTE 010
0.004	0.004	CULVERT	N/A	
0.056	0.056	INTERSECTION	LEFT	RTE 903
0.063	0.063	INTERSECTION	RIGHT	RTE 906
0.121	0.121	INTERSECTION	LEFT	RTE 220
0.136	0.136	CULVERT	N/A	
0.189	0.189	INTERSECTION	LEFT	RTE 907
0.221	0.221	INTERSECTION	RIGHT	RTE 908
0.234	0.234	INTERSECTION	LEFT	RTE 907
0.244	0.294	PULLOUT	RIGHT	
0.265	0.265	INTERSECTION	LEFT	
0.268	0.289	CURB	LEFT	
0.282	0.282	INTERSECTION	LEFT	ROUTE 909A
0.297	0.297	INTERSECTION	LEFT	
0.356	0.356	INTERSECTION	RIGHT	ROUTE 905
0.359	0.359	CULVERT	N/A	
0.376	0.376	INTERSECTION	LEFT	RTE 226
0.382	0.382	INTERSECTION	RIGHT	
0.432	0.432	INTERSECTION	LEFT	RTE 228
0.434	0.434	INTERSECTION	RIGHT	RTE 227
0.450	0.450			ROUTE ENDS AT ROUTE 228

CURE: ROUTE MAINTENANCE FEATURES ROAD LOG

ROUTE 0220 : ELK CREEK SERVICE ROAD

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.000	0.000			ROUTE BEGINS AT RTE 207
0.007	0.007	INTERSECTION	LEFT	ROUTE 207
0.014	0.014	INTERSECTION	LEFT	ROUTE 906
0.288	0.288	INTERSECTION	LEFT	
0.324	0.324	INTERSECTION	LEFT	NPS GRAVEL SERVICE AREA
0.380	0.380			ROUTE ENDS AT END

CURE: ROUTE MAINTENANCE FEATURES ROAD LOG

ROUTE 0221 : OLD US HWY 50

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.000	0.000			ROUTE BEGINS AT US HWY 50
0.007	0.007	INTERSECTION	RIGHT	US HWY 50
0.101	0.101	CULVERT	N/A	
0.168	0.168	INTERSECTION	LEFT	
0.370	0.370			ROUTE ENDS AT RTE 935
0.376	0.376	INTERSECTION	LEFT	RTE 935

CURE: ROUTE MAINTENANCE FEATURES ROAD LOG

ROUTE 0222 : EAST PORTAL CAMPGROUND ACCESS ROAD

FROM MILEPOST	*TO MILEPOST*	*FEATURE*	*SIDE*	*COMMENT*
0.000	0.000			ROUTE BEGINS AT EAST PORTAL ROAD
0.006	0.006	INTERSECTION	LEFT	EAST PORTAL ROAD
0.150	0.150			ROUTE ENDS AT END OF PVT
0.154	0.154	INTERSECTION	LEFT	END OF PAVEMENT

CURE: ROUTE MAINTENANCE FEATURES ROAD LOG

ROUTE 0226 : ELK CREEK CAMPGROUND LOOP A

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.000	0.000			ROUTE BEGINS AT ROUTE 207
0.004	0.004	INTERSECTION	LEFT	ROUTE 207
0.006	0.006	INTERSECTION	RIGHT	ROUTE 207
0.011	0.011	INTERSECTION	LEFT	RTE 226
0.055	0.055	INTERSECTION	LEFT	
0.198	0.198	INTERSECTION	RIGHT	
0.231	0.231	INTERSECTION	LEFT	
0.410	0.410			ROUTE ENDS AT ROUTE 226
0.411	0.411	INTERSECTION	LEFT	RTE 226

CURE: ROUTE MAINTENANCE FEATURES ROAD LOG

ROUTE 0227 : ELK CREEK CAMPGROUND LOOP B

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.000	0.000			ROUTE BEGINS AT ROUTE 228
0.004	0.004	INTERSECTION	RIGHT	ROUTE 228
0.005	0.005	INTERSECTION	LEFT	ROUTE 228
0.164	0.164	CULVERT	N/A	
0.239	0.239	INTERSECTION	LEFT	
0.306	0.306	INTERSECTION	LEFT	RTE 228
0.306	0.306	INTERSECTION	RIGHT	RTE 207
0.310	0.310			ROUTE ENDS AT ROUTE 207

CURE: ROUTE MAINTENANCE FEATURES ROAD LOG

ROUTE 0228 : ELK CREEK CAMPGROUND LOOP C

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.000	0.000			ROUTE BEGINS AT ROUTE 207
0.006	0.006	INTERSECTION	RIGHT	RTE 228
0.013	0.013	CULVERT	N/A	
0.028	0.028	INTERSECTION	LEFT	RTE 227
0.228	0.228	INTERSECTION	RIGHT	
0.292	0.292	CULVERT	N/A	
0.318	0.318	INTERSECTION	LEFT	RTE 207
0.318	0.318	INTERSECTION	RIGHT	RTE 228
0.320	0.320			ROUTE ENDS AT ROUTE 207

CURE: ROUTE MAINTENANCE FEATURES ROAD LOG

ROUTE 0230 : CIMARRON CAMPGROUND LOOP

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.000	0.000			ROUTE BEGINS AT MORROW POINT DAM ROAD
0.003	0.003	INTERSECTION	RIGHT	MORROW POINT DAM ROAD
0.006	0.006	CULVERT	N/A	
0.007	0.007	INTERSECTION	LEFT	MORROW POINT DAM ROAD
0.018	0.018	INTERSECTION	LEFT	RTE 230
0.085	0.085	CULVERT	N/A	
0.185	0.204	PULLOUT	RIGHT	
0.206	0.226	PULLOUT	RIGHT	
0.227	0.249	PULLOUT	RIGHT	
0.251	0.269	PULLOUT	RIGHT	
0.270	0.292	PULLOUT	RIGHT	
0.298	0.298	INTERSECTION	LEFT	RTE 230
0.301	0.301	INTERSECTION	RIGHT	RTE 230
0.310	0.310			ROUTE ENDS AT ROUTE 230

CURE: ROUTE MAINTENANCE FEATURES ROAD LOG

ROUTE 0231 : NEW STEVENS CREEK CAMPGROUND ROAD

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.000	0.000			ROUTE BEGINS AT HWY 50
0.001	0.001	INTERSECTION	RIGHT	HWY 50
0.036	0.036	INTERSECTION	RIGHT	RTE 235
0.062	0.062	INTERSECTION	LEFT	RTE 233
0.067	0.067	INTERSECTION	RIGHT	RTE 920
0.096	0.096	INTERSECTION	LEFT	RTE 232
0.100	0.100			ROUTE ENDS AT ROUTE 232

CURE: ROUTE MAINTENANCE FEATURES ROAD LOG

ROUTE 0232 : NEW STEVENS CREEK CAMPGROUND LOOP A

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.000	0.000			ROUTE BEGINS AT ROUTE 231
0.006	0.006	INTERSECTION	LEFT	RTE 232
0.200	0.200			ROUTE ENDS AT ROUTE 232
0.202	0.202	INTERSECTION	LEFT	RTE 232
0.203	0.203	INTERSECTION	RIGHT	RTE 232

CURE: ROUTE MAINTENANCE FEATURES ROAD LOG

ROUTE 0233 : NEW STEVENS CREEK CAMPGROUND LOOP B

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.000	0.000			ROUTE BEGINS AT ROUTE 231
0.003	0.003	INTERSECTION	RIGHT	ROUTE 231
0.004	0.004	INTERSECTION	LEFT	ROUTE 231
0.018	0.018	INTERSECTION	LEFT	ROUTE 233
0.047	0.061	PULLOUT	LEFT	
0.199	0.199	INTERSECTION	LEFT	RTE 233
0.210	0.210			ROUTE ENDS AT ROUTE 233

CURE: ROUTE MAINTENANCE FEATURES ROAD LOG

ROUTE 0235 : NEW STEVENS CREEK CAMPGROUND LOOP C

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.000	0.000			ROUTE BEGINS AT ROUTE 231
0.002	0.002	INTERSECTION	LEFT	RTE 231
0.006	0.006	INTERSECTION	RIGHT	RTE 231
0.133	0.133	INTERSECTION	LEFT	RTE 235
0.243	0.243	CULVERT	N/A	
0.324	0.324	INTERSECTION	RIGHT	RTE 235
0.326	0.326	INTERSECTION	LEFT	RTE 235
0.330	0.330			ROUTE ENDS AT ROUTE 235

CURE: ROUTE MAINTENANCE FEATURES ROAD LOG

ROUTE 0400 : ELK CREEK MAINTENANCE ROAD

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.000	0.000			ROUTE BEGINS AT RTE 010
0.001	0.001	INTERSECTION	LEFT	RTE 010
0.007	0.007	INTERSECTION	RIGHT	RTE 010
0.099	0.099	CULVERT	N/A	
0.206	0.206	INTERSECTION	RIGHT	RTE 900
0.220	0.220			ROUTE ENDS AT RTE 402
0.224	0.224	INTERSECTION	LEFT	RTE 402

CURE: ROUTE MAINTENANCE FEATURES ROAD LOG

ROUTE 0402 : ELK CREEK RESIDENCE ROAD

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.000	0.000			ROUTE BEGINS AT RTE 400
0.001	0.001	INTERSECTION	RIGHT	RTE 902D
0.009	0.009	INTERSECTION	LEFT	RTE 959
0.022	0.022	INTERSECTION	RIGHT	RTE 901
0.138	0.138	INTERSECTION	LEFT	RTE 902A
0.142	0.142	INTERSECTION	RIGHT	RTE 902B
0.162	0.162	CULVERT	N/A	
0.186	0.186	INTERSECTION	RIGHT	RTE 902D
0.190	0.190			ROUTE ENDS AT END
0.190	0.190	INTERSECTION	LEFT	RTE 902C

APPENDIX A: GLOSSARY OF TERMS AND ABBREVIATIONS

TERM OR ABBREVIATION	DESCRIPTION OR DEFINITION
1379	Numeric Code for Curecanti National Recreation Area
AADT	Annually Adjusted Daily Traffic. Average daily traffic adjusted for the term period comprising 80% of annual visitation
CRS	Condition Rating Sheets. (Section 5)
CURE	Alpha Code for Curecanti National Recreation Area
Drainage Condition Rating	A visual rating (Good, Poor) of the drainage condition. (see Section 10)
Excellent	Excellent rating with an index value of 95 or greater
Fair	Fair rating with an index value between 61 and 84
Func. Class	Functional Classification (see Route ID, Section 4)
Good	Good rating with an index value between 85 and 94
IRI	International Roughness Index
Lane Width	Distance from road centerline to fogline, or from centerline to edge-of-pavement when no fogline exists
MRR	Manually Rated Route
NA	Not Applicable
NC	Not Collected
Paved Width	Distance from edge-of-pavement to edge-of-pavement
PCR	Pavement Condition Rating (see Section 10)

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

APPENDIX B: DESCRIPTION OF RATING SYSTEM

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

Data is collected on the following distresses and conditions:

- **Alligator Cracking** - a series of interconnecting cracks resembling alligator skin or chicken wire, which can ocurr anywhere in the lane.

- **Longitudinal Cracking** - cracks which are parallel to the pavement centerline or asphalt lay-down direction.

- **Transverse Cracking** - cracks perpendicular to the pavement centerline.

- **Pothole (patch)** - a bowl-shaped hole in the pavement surface. May be patched or not.

- **Rutting** - surface depressions in the wheel paths.

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

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

Rating Index Formulas

Alligator Cracking Index = 100 - [40 * (%low/70 + %medium/30 + %high/10)]
Longitudinal Cracking Index = 100 - [40 * (%low/350 + %medium/200 + %high/75)]
Transverse Cracking Index = 100 – [(20 * (low/15.1 + medium/7.5)) + (40 * (high/1.9))]
Patching Index = 100 - [40 * (%patching / 80)]
Rutting Index: 100-[40*((low/160) + (med/80) + (high/40))]
Roughness Condition Index: (RCI) = 32 * [5 * $e^{(-0.0041 * \text{average IRI})}$]

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

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

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

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

Parking Lot and Manually Rated Road Condition Rating

Surface Condition Distresses- Chip Seal:

Raveling – loss of surface rock chips revealing previous surface
Bleeding – asphalt or tar is bleeding through to the surface where surface looks slick with asphalt
Rutting
Potholes/Patching

Ratings - Chip Seal:

Excellent – None of the surface affected by the above (recently constructed)
Good – Less than 10% of surface affected by the above
Fair – Between 10% and 40% of surface affected by the above
Poor – More than 40% of surface affected by the above

Surface Condition - Asphalt:

Cracking of any type
Rutting
Potholes/Patching

Ratings - Asphalt:

Excellent – None of the surface affected by the above (recently constructed)
Good – Less than 10% of surface affected by the above
Fair – Between 10% and 40% of surface affected by the above
Poor – More than 40% of surface affected by the above

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

Excellent	97
Good	90
Fair	73
Poor	45

Drainage Condition Rating Definitions

Good: Minimal overall drainage problems. If funding were available for pavement maintenance, 25% or less is estimated to correct drainage deficiencies.

Poor: Problems exist that jeopardizes the integrity of the road in this section. If funding were available for pavement maintenance, 50% to 100% is estimated to correct drainage deficiencies.

Drainage Condition Rating Criteria

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

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

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

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

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

Shoulder Condition Rating Definitions

Good: The shoulder is generally in good functional condition.. If curbs are present, they are functional.

Poor: There is no shoulder because erosion has removed it. If curbs are present, they need to be replaced.

Shoulder Rating Criteria

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

Good Shoulders

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

Poor Shoulder

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

APPENDIX C: DIGITAL IMAGE INFORMATION

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

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

APPENDIX D: METADATA

ARAN ROUTE GPS DATA

Background information of route spatial data.

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

Data Collection Device:

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

Accuracy: Expected ground accuracy is 1 meter *

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

Geographic Datum: WGS 1984

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

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

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

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

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

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

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

Specific Caveats

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

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

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

Key to Notes in Tables

(1): Note that only one value fits in field, so even if this value varies throughout the route, only one value is recorded here.
(2): Note that some MP values listed here are estimates recorded during the Route ID process for use by the data collection crew (e.g. "FROM ROUTE 0010 AT MILEPOST 30.3"). They are estimates only and are not expected to match the more accurate milepost values included elsewhere in the database in the BEG_MP, END_MP, and MP fields.
(3): Mileage is measured by the ARAN (Automatic Road ANalyzer) data collection vehicle out to the 0.001 decimal place. The DMI (distance measuring instrument) is very accurate, with extremely slight variations in measurement due to air temperature, tire inflation, curves, hills, and equipment calibration.
(4): Features are measured differently depending on whether they are visible in the forward-facing video of the roadway, but every feature milepost measurement depends on the baseline measurement of the data collection vehicle's mileage. The ARAN (Automatic Road ANalyzer) data collection vehicle's mileage is measured by the DMI (distance measuring instrument) out to the 0.001 decimal place. The DMI is very accurate, with extremely slight variations in measurement due to air temperature, tire inflation, curves, hills, and equipment calibration. If a feature will not be visible in the forward-facing video, its milepost is determined by the data collectors' key press tagging the milepost when the ARAN passes the feature. Key presses are entered into the ARAN software when the vehicle travels typically between 15 and 45 miles/hour, so a delay of a single second as the vehicle passes a feature would result in an inaccuracy of 0.004 miles (22 feet) to 0.012 miles (66 feet). If a feature is visible in the video, its milepost is determined during post-processing using a video measurement software called Surveyor. Features along the side of a roadway that are measured using the Surveyor software might not be located very accurately. Surveyor is known to be most accurate when measuring quantities near the center of the video frame, as opposed to in the edges of the video image.
(5): Only signs are evaluated for condition. No other features' conditions are assessed, so "N/A" was originally intended to be the default value for unassessed features. However, some non-sign features do have condition ratings in the database. These are not accurate, because no assessment was ever done on non-sign features.
(6): Condition assessments are not conducted on concrete (CO) surface types. Perfect values for concrete road sections are default values and do not represent a condition assessment of the concrete surfaces.
(7): Roadway cracking presence, type, severity, and extent are determined by filming the roadway in the primary lane continuously with two overlapping analog cameras of 640 x 480 resolution. The images from both cameras are stitched together in real time to create a continuous strip image of the roadway pavement in the primary lane. Cracks 3 mm or greater in width are visible in this video. A semi-automatic process running the WiseCrax software with additional input by human operators provides the cracking quantities recorded in these database fields. Quality checks have determined that a consistent 80% or better of the visible cracks are recorded.

Access Database Metadata

Master Table Metadata:

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

PMS_Feature Table Metadata:

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

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

PMS_20, PMS_Mile & PMS_Visidata Tables Metadata:

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

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

FIELD	FORMAT	EXPECTED VALUE	SOURCE	VALIDATION	EXPECTED ACCURACY
PATCHING	999.9999 (%)	Percent of WiseCrax measured lane area affected by patching	Contractor Post-processing	Manual Pavement Video Processing	Untested (6)
GPS_LAT	999.999999	Latitude coordinate	ARAN Data Collection	Automatic Output	See GPS Metadata sheet distributed with data
GPS_LON	-999.999999	Longitude coordinate	ARAN Data Collection	Automatic Output	See GPS Metadata sheet distributed with data
GPS_ELEV	99999.9	Elevation	ARAN Data Collection	Automatic Output	See GPS Metadata sheet distributed with data
GPS_MODE	XXX	GPS mode during collection	ARAN Data Collection	Automatic Output	See GPS Metadata sheet distributed with data
VIDEO	<*Park*>C03VID<#>	Removable USB video hard drive number	Contractor Post-processing	Database Processing	Untested
IMAGE	(Text)	Filename of .jpg image showing road interval	Contractor Post-processing	Automatic Output	Untested
SPEED	999 (miles/hour)	Average ARAN speed during data collection	ARAN Data Collection	Automatic Output	Untested
BRIDGE_FLAG	0 or 1	Flag indicating presence of bridge in interval	ARAN Data Collection	Survey Crew Input	Untested
CONSTR_FLAG	0 or 1	Flag indicating construction in interval	ARAN Data Collection	Survey Crew Input	Untested
LANEDEV_FLAG	0 or 1	Flag indicating lane deviation in interval	ARAN Data Collection	Survey Crew Input	Untested
DATE	DD/MM/YY	Data collection date	ARAN Data Collection	Automatic Output	100%
NODISTRESS	0 OR 1	Flag indicating absence of pavement distress	Contractor Post-processing	Database Processing	100%
FILENAME	XXXXXXXX	Filename of raw data files	ARAN Data Collection	Automatic Output	100%
SECTION	XXXXXX	Route section ID	Route ID Meeting/ARAN Data Collection	Survey Crew Input/Automatic Output	100%
FKEY	9999999	Unique record ID	Contractor Post-processing	Database Processing	100%
VISI_FROM	999999 (millimiles)	Raw MP of first video frame in section	Contractor Post-processing	Database Processing	Untested
VISI_TO	999999 (millimiles)	Raw MP of last video frame in section	Contractor Post-processing	Database Processing	Untested
IDKEY	(Text)	Unique record ID used by VisiData	Contractor Post-processing	Database Processing	Untested
MP_REF	(Text)	Range of mileage to play in VisiData	Contractor Post-processing	Database Processing	Untested

Cycle 3 a e le e ada a

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

All shapefiles have the following spatial characteristics:

Geographic_Coordinate_Units: Decimal degrees
Spheroid: 1984

cure_pkg_03

Metadata also available as

Metadata:

Identification_Information:
Citation:
Citation_Information:
Originator: Eastern Federal Lands Highway Division
Publication_Date: Unknown
Title: cure_pkg_03
Geospatial_Data_Presentation_Form: vector digital data
Online_Linkage: Not Available
Description:
Abstract: Parking Areas
Purpose: Road Inventory Program
Time_Period_of_Content:
Time_Period_Information:
Single_Date/Time:
Calendar_Date: 6/16/03
Currentness_Reference: ground condition
Status:
Progress: Complete
Maintenance_and_Update_Frequency: As per RIP cycle
Spatial_Domain:
Bounding_Coordinates:
West_Bounding_Coordinate: -107.555431
East_Bounding_Coordinate: -107.018074
North_Bounding_Coordinate: 38.516203
South_Bounding_Coordinate: 38.432992
Keywords:
Theme:
Theme_Keyword_Thesaurus: CURE
Theme_Keyword: CURE
Access_Constraints: None
Use_Constraints: Redistribution needs permission from EFLHD/NPS
Point_of_Contact:
Contact_Information:

Contact_Person_Primary:
Contact_Person: Dan VanGilder
Contact_Organization: EFLHD
Contact_Position: GIS Coordinator
Contact_Address:
Address_Type: mailing and physical address
Address: 21400 Ridgetop Circle
City: Sterling
State_or_Province: Virginia
Postal_Code: 20166
Country: United States
Contact_Voice_Telephone: 703-404-6361
Contact_Electronic_Mail_Address: dvangilder@fhwa.dot.gov
Native_Data_Set_Environment:
Microsoft Windows 2000 Version 5.1 (Build 2600) Service Pack 2; ESRI ArcCatalog 8.3.0.800

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

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

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

Entity_and_Attribute_Information:
Detailed_Description:
Entity_Type:
Entity_Type_Label: cure_pkg_03
Attribute:
Attribute_Label: FID
Attribute_Definition: Internal feature number.
Attribute_Definition_Source: ESRI
Attribute_Domain_Values:
Unrepresentable_Domain:
Sequential unique whole numbers that are automatically generated.
Attribute:
Attribute_Label: Shape
Attribute_Definition: Feature geometry.
Attribute_Definition_Source: ESRI
Attribute_Domain_Values:
Unrepresentable_Domain: Coordinates defining the features.
Attribute:
Attribute_Label: PARK_ALPHA
Attribute_Definition: Park alpha code
Attribute_Definition_Source: Route ID Meeting
Attribute:
Attribute_Label: RTE_NO
Attribute_Definition: Route number
Attribute_Definition_Source: Route ID Meeting
Attribute:
Attribute_Label: RTE_NAME
Attribute_Definition: Route name
Attribute_Definition_Source: Route ID Meeting
Attribute:
Attribute_Label: FEATURE
Attribute:
Attribute_Label: SURF_TYPE
Attribute_Definition: Surface type of route
Attribute_Domain_Values:
Attribute:
Attribute_Label: CONDITION
Attribute_Definition: Condition rating for route
Attribute:
Attribute_Label: PHOTOS
Attribute_Definition: Photo filename associated with feature
Attribute:
Attribute_Label: COMMENT
Attribute_Definition: Field comment
Attribute:
Attribute_Label: GPS_DATE
Attribute_Definition: Date of GPS collection
Attribute:
Attribute_Label: DATAFILE
Attribute:
Attribute_Label: SQ_FT

Attribute_Definition: Feature area in square feet

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

Metadata_Reference_Information:
Metadata_Date: 20050512
Metadata_Contact:
Contact_Information:
Contact_Organization_Primary:
Contact_Organization: EFLHD Sterling
Contact_Person: Dan VanGilder
Contact_Position: GIS Coordinator
Contact_Address:
Address_Type: mailing and physical address
Address: 21400 Ridgetop Circle
City: Sterling
State_or_Province: Virginia
Postal_Code: 20166
Country: United States
Contact_Voice_Telephone: 703-404-6361
Contact_Electronic_Mail_Address: dvangilder@fhwa.dot.gov
Metadata_Standard_Name: FGDC Content Standards for Digital Geospatial Metadata
Metadata_Standard_Version: FGDC-STD-001-1998
Metadata_Time_Convention: local time
Metadata_Extensions:
Online_Linkage: <http://www.esri.com/metadata/esriprof80.html>
Profile_Name: ESRI Metadata Profile

Generated by mp version 2.7.33 on Thu May 12 17:38:51 2005

cure_pkg_03_map

Metadata also available as

Metadata:

Identification_Information:
Citation:
Citation_Information:
Originator: Eastern Federal Lands Highway Division
Publication_Date: Unknown
Title: cure_pkg_03_map
Geospatial_Data_Presentation_Form: vector digital data
Online_Linkage: Not Available
Description:
Abstract: Copy of Parking Areas
Purpose: Road Inventory Program
Supplemental_Information:
This shapefile is a copy of the source parking shapefile. The features are edited as needed for graphic purposes.
Time_Period_of_Content:
Time_Period_Information:
Single_Date/Time:
Calendar_Date: 6/16/03
Currentness_Reference: ground condition
Status:
Progress: Complete
Maintenance_and_Update_Frequency: As per RIP cycle
Spatial_Domain:
Bounding_Coordinates:
West_Bounding_Coordinate: -107.555431
East_Bounding_Coordinate: -107.018074
North_Bounding_Coordinate: 38.516203
South_Bounding_Coordinate: 38.432992
Keywords:
Theme:
Theme_Keyword_Thesaurus: CURE
Theme_Keyword: CURE
Access_Constraints: None

Use_Constraints: Redistribution needs permission from EFLHD/NPS
Point_of_Contact:
Contact_Information:
Contact_Person_Primary:
Contact_Person: Dan VanGilder
Contact_Organization: EFLHD
Contact_Position: GIS Coordinator
Contact_Address:
Address_Type: mailing and physical address
Address: 21400 Ridgetop Circle
City: Sterling
State_or_Province: Virginia
Postal_Code: 20166
Country: United States
Contact_Voice_Telephone: 703-404-6361
Contact_Electronic_Mail_Address: dvangilder@fhwa.dot.gov
Native_Data_Set_Environment:
Microsoft Windows 2000 Version 5.1 (Build 2600) Service Pack 2; ESRI ArcCatalog 8.3.0.800

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

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

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

Denominator_of_Flattening_Ratio: 294.978698

Entity_and_Attribute_Information:
Detailed_Description:
Entity_Type:
Entity_Type_Label: cure_pkg_03_map
Attribute:
Attribute_Label: FID
Attribute_Definition: Internal feature number.
Attribute_Definition_Source: ESRI
Attribute_Domain_Values:
Unrepresentable_Domain:
Sequential unique whole numbers that are automatically generated.
Attribute:
Attribute_Label: Shape
Attribute_Definition: Feature geometry.
Attribute_Definition_Source: ESRI
Attribute_Domain_Values:
Unrepresentable_Domain: Coordinates defining the features.
Attribute:
Attribute_Label: PARK_ALPHA
Attribute_Definition: Park alpha code
Attribute_Definition_Source: Route ID Meeting
Attribute:
Attribute_Label: RTE_NO
Attribute_Definition: Route number
Attribute_Definition_Source: Route ID Meeting
Attribute:
Attribute_Label: RTE_NAME
Attribute_Definition: Route name
Attribute_Definition_Source: Route ID Meeting
Attribute:
Attribute_Label: FEATURE
Attribute:
Attribute_Label: SURF_TYPE
Attribute_Definition: Surface type of route
Attribute_Domain_Values:
Attribute:
Attribute_Label: CONDITION
Attribute_Definition: Condition rating for route
Attribute:
Attribute_Label: PHOTOS
Attribute_Definition: Photo filename associated with feature
Attribute:
Attribute_Label: COMMENT
Attribute_Definition: Field comment
Attribute:
Attribute_Label: GPS_DATE
Attribute_Definition: Date of GPS collection

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

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

Metadata_Reference_Information:
Metadata_Date: 20050512
Metadata_Contact:
Contact_Information:
Contact_Organization_Primary:
Contact_Organization: EFLHD Sterling
Contact_Person: Dan VanGilder
Contact_Position: GIS Coordinator
Contact_Address:
Address_Type: mailing and physical address
Address: 21400 Ridgetop Circle
City: Sterling
State_or_Province: Virginia
Postal_Code: 20166
Country: United States
Contact_Voice_Telephone: 703-404-6361
Contact_Electronic_Mail_Address: dvangilder@fhwa.dot.gov
Metadata_Standard_Name: FGDC Content Standards for Digital Geospatial Metadata
Metadata_Standard_Version: FGDC-STD-001-1998
Metadata_Time_Convention: local time
Metadata_Extensions:
Online_Linkage: <http://www.esri.com/metadata/esriprof80.html>
Profile_Name: ESRI Metadata Profile

Generated by mp version 2.7.33 on Thu May 12 17:39:04 2005

cure_nonnps

Metadata also available as

Metadata:

Identification_Information:
Citation:
Citation_Information:
Originator: The TSR Group
Publication_Date: 2005
Title: cure_nonnps
Geospatial_Data_Presentation_Form: vector digital data
Online_Linkage: Not Available
Description:
Abstract: non-NPS roads
Purpose: Road Inventory Program
Supplemental_Information:
Data created by The TSR Group from heads-up digitizing of roads representing non-NPS roads for graphic purposes
Time_Period_of_Content:
Time_Period_Information:
Single_Date/Time:
Calendar_Date: 2005
Currentness_Reference: ground condition
Status:
Progress: Complete
Maintenance_and_Update_Frequency: As per RIP cycle
Spatial_Domain:
Bounding_Coordinates:
West_Bounding_Coordinate: -107.555871
East_Bounding_Coordinate: -107.016137
North_Bounding_Coordinate: 38.516641
South_Bounding_Coordinate: 38.432031
Keywords:
Theme:
Theme_Keyword_Thesaurus: CURE
Theme_Keyword: CURE
Access_Constraints: None

Use_Constraints: Redistribution needs permission from EFLHD/NPS
Point_of_Contact:
Contact_Information:
Contact_Person_Primary:
Contact_Person: Dan VanGilder
Contact_Organization: EFLHD
Contact_Position: GIS Coordinator
Contact_Address:
Address_Type: mailing and physical address
Address: 21400 Ridgetop Circle
City: Sterling
State_or_Province: Virginia
Postal_Code: 20166
Country: United States
Contact_Voice_Telephone: 703-404-6361
Contact_Electronic_Mail_Address: dvangilder@fhwa.dot.gov
Native_Data_Set_Environment:
Microsoft Windows 2000 Version 5.1 (Build 2600) Service Pack 2; ESRI ArcCatalog 8.3.0.800

Data_Quality_Information:
Attribute_Accuracy:
Attribute_Accuracy_Report: Good
Completeness_Report: Complete for non-NPS roads
Lineage:
Source_Information:
Type_of_Source_Media: Heads-up digitized
Process_Step:
Process_Description: Metadata imported.
Source_Used_Citation_Abbreviation:
J:\FHWA_RoadInvProg\Data\Park_TSR_source\Template_Folders\Section_10\template_nonnps_03.xml

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Spatial_Data_Organization_Information:
Direct_Spatial_Reference_Method: Vector
Point_and_Vector_Object_Information:
SDTS_Terms_Description:
SDTS_Point_and_Vector_Object_Type: String
Point_and_Vector_Object_Count: 13

Spatial_Reference_Information:
Horizontal_Coordinate_System_Definition:
Geographic:
Latitude_Resolution: 0.000000
Longitude_Resolution: 0.000000

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

Entity_and_Attribute_Information:
Detailed_Description:
Entity_Type:
Entity_Type_Label: cure_nonnps
Attribute:
Attribute_Label: FID
Attribute_Definition: Internal feature number.
Attribute_Definition_Source: ESRI
Attribute_Domain_Values:
Unrepresentable_Domain:
Sequential unique whole numbers that are automatically generated.
Attribute:
Attribute_Label: Shape
Attribute_Definition: Feature geometry.
Attribute_Definition_Source: ESRI
Attribute_Domain_Values:
Unrepresentable_Domain: Coordinates defining the features.
Attribute:
Attribute_Label: ID
Attribute_Definition: Name of road if available
Attribute:
Attribute_Label: NAME

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

Metadata_Reference_Information:
Metadata_Date: 20050512
Metadata_Contact:
Contact_Information:
Contact_Organization_Primary:
Contact_Organization: EFLHD Sterling
Contact_Person: Dan VanGilder
Contact_Position: GIS Coordinator

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

Generated by mp version 2.7.33 on Thu May 12 17:40:47 2005

cure_mi_pt

Metadata also available as

Metadata:

Identification_Information:
Citation:
Citation_Information:
Originator: The TSR Group
Publication_Date: 2005
Title: cure_mi_pt
Geospatial_Data_Presentation_Form: vector digital data
Online_Linkage: Not Available
Description:
Abstract: Mile Points
Purpose: Road Inventory Program
Supplemental_Information:
Data created by The TSR Group from GPS coordinates provided in the PMS_20 table. All attributes found in the PMS_20 table are found on the miles points.
Time_Period_of_Content:
Time_Period_Information:
Single_Date/Time:
Calendar_Date: 2005
Currentness_Reference: ground condition
Status:
Progress: Complete
Maintenance_and_Update_Frequency: Not Available
Spatial_Domain:
Bounding_Coordinates:
West_Bounding_Coordinate: -107.650101
East_Bounding_Coordinate: -107.091286
North_Bounding_Coordinate: 38.524559
South_Bounding_Coordinate: 38.443439
Keywords:
Theme:
Theme_Keyword_Thesaurus: CURE
Theme_Keyword: CURE
Access_Constraints: None

Use_Constraints: Redistribution needs permission from EFLHD/NPS
Point_of_Contact:
Contact_Information:
Contact_Person_Primary:
Contact_Person: Dan VanGilder
Contact_Organization: EFLHD Sterling
Contact_Position: GIS Coordinator
Contact_Address:
Address_Type: mailing and physical address
Address: 21400 Ridgetop Circle
City: Sterling
State_or_Province: Virginia
Postal_Code: 20166
Country: United States
Contact_Voice_Telephone: 703-404-6361
Contact_Electronic_Mail_Address: dvangilder@fhwa.dot.gov
Native_Data_Set_Environment:
Microsoft Windows 2000 Version 5.1 (Build 2600) Service Pack 2; ESRI ArcCatalog 8.3.0.800

Data_Quality_Information:
Attribute_Accuracy:
Attribute_Accuracy_Report: Good
Completeness_Report: Complete for mile points
Lineage:
Source_Information:
Type_of_Source_Media: GPS

Spatial_Data_Organization_Information:
Direct_Spatial_Reference_Method: Vector
Point_and_Vector_Object_Information:
SDTS_Terms_Description:
SDTS_Point_and_Vector_Object_Type: Entity point
Point_and_Vector_Object_Count: 17

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

Denominator_of_Flattening_Ratio: 294.978698

Entity_and_Attribute_Information:
Detailed_Description:
Entity_Type:
Entity_Type_Label: cure_mi_pt
Attribute:
Attribute_Label: FID
Attribute_Definition: Internal feature number.
Attribute_Definition_Source: ESRI
Attribute_Domain_Values:
Unrepresentable_Domain:
Sequential unique whole numbers that are automatically generated.
Attribute:
Attribute_Label: Shape
Attribute_Definition: Feature geometry.
Attribute_Definition_Source: ESRI
Attribute_Domain_Values:
Unrepresentable_Domain: Coordinates defining the features.
Attribute:
Attribute_Label: RIP_CYCLE
Attribute_Definition: 3, for data collection cycle 3
Attribute_Definition_Source: Route ID Meeting
Attribute:
Attribute_Label: STATE
Attribute_Definition: State where route is located
Attribute_Definition_Source: Route ID Meeting
Attribute:
Attribute_Label: PARK_ALPHA
Attribute_Definition: Park alpha code
Attribute_Definition_Source: Route ID Meeting
Attribute:
Attribute_Label: PARK_NO
Attribute_Definition: Park numeric code
Attribute_Definition_Source: Route ID Meeting
Attribute:
Attribute_Label: RTE_NO
Attribute_Definition: Route number
Attribute_Definition_Source: Route ID Meeting
Attribute:
Attribute_Label: FUNCT_CLAS
Attribute_Definition: Route functional class
Attribute_Definition_Source: Route ID Meeting
Attribute:
Attribute_Label: DIRECTION
Attribute_Definition: Survey lane: PRI (primary) or OPP (opposite)
Attribute_Definition_Source: Route ID Meeting
Attribute:
Attribute_Label: BEG_MP

Attribute_Definition: MP at end of road interval described by database record
Attribute_Definition_Source: Contractor Post-processing
Attribute:
Attribute_Label: END_MP
Attribute_Definition: MP at end of road interval described by database record
Attribute_Definition_Source: Contractor Post-processing
Attribute:
Attribute_Label: INT_LENGTH
Attribute_Definition: Length of road interval as aggregated from data table
Attribute_Definition_Source: Contractor Post-processing
Attribute:
Attribute_Label: RTE_LENGTH
Attribute_Definition: Collected route length
Attribute_Definition_Source: ARAN Data Collection
Attribute:
Attribute_Label: NO_LANES
Attribute_Definition: Number of lanes in route
Attribute_Definition_Source: ARAN Data Collection
Attribute:
Attribute_Label: LANE_NO
Attribute_Definition: Data collection lane
Attribute_Definition_Source: Contractor Post-processing
Attribute:
Attribute_Label: WX_LANE_WI
Attribute_Definition: WiseCrax (crack detection software) analysis width
Attribute_Definition_Source: Contractor Post-processing
Attribute:
Attribute_Label: LANE_WIDTH
Attribute_Definition: Width of lane
Attribute_Definition_Source: Contractor Post-processing
Attribute:
Attribute_Label: PAVE_WIDTH
Attribute_Definition: Full pavement width
Attribute_Definition_Source: Contractor Post-processing
Attribute:
Attribute_Label: SHLD_WIDTH
Attribute_Definition: Left shouler width
Attribute_Definition_Source: Contractor Post-processing
Attribute:
Attribute_Label: SHLD_WID_1
Attribute_Definition: Right shoulder width
Attribute_Definition_Source: Contractor Post-processing
Attribute:
Attribute_Label: SHLD_COND_
Attribute_Definition: Left shoulder condition
Attribute_Definition_Source: ARAN Data Collection
Attribute:
Attribute_Label: SHLD_COND1
Attribute_Definition: Right shoulder condition
Attribute_Definition_Source: ARAN Data Collection
Attribute:

Attribute_Label: DRAIN_COND
Attribute_Definition: Left drainage condition
Attribute_Definition_Source: ARAN Data Collection
Attribute:
Attribute_Label: DRAIN_CO_1
Attribute_Definition: Right drainage condition
Attribute_Definition_Source: ARAN Data Collection
Attribute:
Attribute_Label: SURF_TYPE
Attribute_Definition: Surface type of route
Attribute_Definition_Source: ARAN Data Collection
Attribute:
Attribute_Label: PCR
Attribute_Definition: Pavement Condition Rating
Attribute_Definition_Source: Contractor Post-processing
Attribute:
Attribute_Label: RCI
Attribute_Definition: Roughness Condition Index; -1 if invalid IRI
Attribute_Definition_Source: Contractor Post-processing
Attribute:
Attribute_Label: SCR
Attribute_Definition: Surface Condition Rating
Attribute_Definition_Source: Contractor Post-processing
Attribute:
Attribute_Label: IRI_AVG
Attribute_Definition: Average IRI
Attribute_Definition_Source: Contractor Post-processing
Attribute:
Attribute_Label: IRI_SD
Attribute_Definition: IRI Standard Deviation
Attribute_Definition_Source: Contractor Post-processing
Attribute:
Attribute_Label: IRI_L
Attribute_Definition: Left wheel path IRI
Attribute_Definition_Source: ARAN Data Collection
Attribute:
Attribute_Label: IRI_R
Attribute_Definition: Rigth wheel path IRI
Attribute_Definition_Source: ARAN Data Collection
Attribute:
Attribute_Label: IRI_FLAG
Attribute_Definition: -1 if invalid IRI data
Attribute_Definition_Source: Contractor Post-processing
Attribute:
Attribute_Label: RUT_INDEX
Attribute_Definition: Rut index
Attribute_Definition_Source: Contractor Post-processing
Attribute:
Attribute_Label: RUT_AVG
Attribute_Definition: Average rut depth of both wheelpaths
Attribute_Definition_Source: Contractor Post-processing

Attribute:
Attribute_Label: RUT_MAX
Attribute_Definition: Maximum rut depth of both wheelpaths
Attribute_Definition_Source: Contractor Post-processing
Attribute:
Attribute_Label: RUT_SD
Attribute_Definition: Rut depth standard deviation
Attribute_Definition_Source: Contractor Post-processing
Attribute:
Attribute_Label: RUT_LOW
Attribute_Definition:
Percent of low severity ruts (on a 0-200% scale) in both wheelpaths
Attribute_Definition_Source: Contractor Post-processing
Attribute:
Attribute_Label: RUT_MED
Attribute_Definition:
Percent of medium severity ruts (on a 0-200% scale) in both wheelpaths
Attribute_Definition_Source: Contractor Post-processing
Attribute:
Attribute_Label: RUT_HI
Attribute_Definition:
Percent of high severity ruts (on a 0-200% scale) in both wheelpaths
Attribute_Definition_Source: Contractor Post-processing
Attribute:
Attribute_Label: XFALL
Attribute_Definition: Cross fall at start of road interval
Attribute_Definition_Source: ARAN Data Collection
Attribute:
Attribute_Label: GRADE
Attribute_Definition: Grade at start of road interval
Attribute_Definition_Source: ARAN Data Collection
Attribute:
Attribute_Label: AC_INDEX
Attribute_Definition: Alligator cracking index
Attribute_Definition_Source: Contractor Post-processing
Attribute:
Attribute_Label: AC_LOW
Attribute_Definition:
Percent of WiseCrax measured lane area with low-severity alligator cracking
Attribute_Definition_Source: Contractor Post-processing
Attribute:
Attribute_Label: AC_MED
Attribute_Definition:
Percent of WiseCrax measured lane area with medium-severity alligator cracking
Attribute_Definition_Source: Contractor Post-processing
Attribute:
Attribute_Label: AC_HI
Attribute_Definition:
Percent of WiseCrax measured lane area with high-severity alligator cracking
Attribute_Definition_Source: Contractor Post-processing

Attribute:
Attribute_Label: LC_INDEX
Attribute_Definition: Longitudinal cracking index
Attribute_Definition_Source: Contractor Post-processing
Attribute:
Attribute_Label: LC_LOW
Attribute_Definition:
Low-severity longitudinal cracking in lane as a percentage of road interval length
Attribute_Definition_Source: Contractor Post-processing
Attribute:
Attribute_Label: LC_MED
Attribute_Definition:
Medium-severity longitudinal cracking in lane as a percentage of road interval length
Attribute_Definition_Source: Contractor Post-processing
Attribute:
Attribute_Label: LC_HI
Attribute_Definition:
High-severity longitudinal cracking in lane as a percentage of road interval length
Attribute_Definition_Source: Contractor Post-processing
Attribute:
Attribute_Label: TC_INDEX
Attribute_Definition: Transverse cracking index
Attribute_Definition_Source: Contractor Post-processing
Attribute:
Attribute_Label: TC_LOW
Attribute_Definition:
Count of low-severity transverse cracks, where one crack unit equals the WiseCrax measured land width
Attribute_Definition_Source: Contractor Post-processing
Attribute:
Attribute_Label: TC_MED
Attribute_Definition:
Count of medium-severity transverse cracks, where one crack unit equals the WiseCrax measured land width
Attribute_Definition_Source: Contractor Post-processing
Attribute:
Attribute_Label: TC_HI
Attribute_Definition:
Count of high-severity transverse cracks, where one crack unit equals the WiseCrax measured land width
Attribute_Definition_Source: Contractor Post-processing
Attribute:
Attribute_Label: PATCH_INDE
Attribute_Definition: Patching index
Attribute_Definition_Source: Contractor Post-processing
Attribute:
Attribute_Label: PATCHING
Attribute_Definition: Percent of WiseCrax measured lane area affected by patching

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

Attribute_Definition: Filename of raw data files
Attribute_Definition_Source: ARAN Data Collection
Attribute:
Attribute_Label: SECTION
Attribute_Definition: route section ID
Attribute_Definition_Source: Route ID Meeting / ARAN Data Collection
Attribute:
Attribute_Label: FKEY
Attribute_Definition: Unique record ID
Attribute_Definition_Source: Contractor Post-processing
Attribute:
Attribute_Label: VISI_FROM
Attribute_Definition: Raw MP of first video frame in section
Attribute_Definition_Source: Contractor Post-processing
Attribute:
Attribute_Label: VISI_TO
Attribute_Definition: Raw MP of last video frame in section
Attribute_Definition_Source: Contractor Post-processing
Attribute:
Attribute_Label: IDKEY
Attribute_Definition: Unique record ID used by VisiData
Attribute_Definition_Source: Contractor Post-processing
Attribute:
Attribute_Label: MP_REF
Attribute_Definition: Range of mileage to play in VisiData
Attribute_Definition_Source: Contractor Post-processing

Distribution_Information:
Resource_Description: Downloadable Data
Standard_Order_Process:
Digital_Form:
Digital_Transfer_Information:
Transfer_Size: 0.030

Metadata_Reference_Information:
Metadata_Date: 20050512
Metadata_Contact:
Contact_Information:
Contact_Organization_Primary:
Contact_Organization: EFLHD Sterling
Contact_Person: Dan VanGilder
Contact_Position: GIS Coordinator
Contact_Address:
Address_Type: mailing and physical address
Address: 21400 Ridgetop Circle
City: Sterling
State_or_Province: Virginia

Postal_Code: 20166
Country: United States
Contact_Voice_Telephone: 703-404-6361
Contact_Electronic_Mail_Address: dvangilder@fhwa.dot.gov
Metadata_Standard_Name: FGDC Content Standards for Digital Geospatial Metadata
Metadata_Standard_Version: FGDC-STD-001-1998
Metadata_Time_Convention: local time
Metadata_Extensions:
Online_Linkage: <http://www.esri.com/metadata/esriprof80.html>
Profile_Name: ESRI Metadata Profile

Generated by mp version 2.7.33 on Thu May 12 17:40:29 2005

cure_mi

Metadata also available as

Metadata:

Identification_Information:
Citation:
Citation_Information:
Originator: The TSR Group
Publication_Date: 2005
Title: cure_mi
Geospatial_Data_Presentation_Form: vector digital data
Online_Linkage: Not Available
Description:
Abstract: Routes
Purpose: Road Inventory Program
Supplemental_Information:
Data created by The TSR Group from GPS coordinates provided in the PMS_20 table. The shapefile is processed to aggregate adjacent segments with the same PCR rating provided in the PMS_mile table.
Time_Period_of_Content:
Time_Period_Information:
Single_Date/Time:
Calendar_Date: 2005
Currentness_Reference: ground condition
Status:
Progress: Complete
Maintenance_and_Update_Frequency: As per RIP cycle
Spatial_Domain:
Bounding_Coordinates:
West_Bounding_Coordinate: -107.650101
East_Bounding_Coordinate: -107.089882
North_Bounding_Coordinate: 38.526463
South_Bounding_Coordinate: 38.443439
Keywords:
Theme:
Theme_Keyword_Thesaurus: CURE
Theme_Keyword: CURE

Access_Constraints: None
Use_Constraints: Redistribution meeds permission from EFLHD/NPS
Point_of_Contact:
Contact_Information:
Contact_Person_Primary:
Contact_Person: Dan VanGilder
Contact_Organization: EFLHD
Contact_Position: GIS Coordinator
Contact_Address:
Address_Type: mailing and physical address
Address: 21400 Ridgetop Circle
City: Sterling
State_or_Province: Virginia
Postal_Code: 20166
Country: United States
Contact_Voice_Telephone: 703-404-6361
Contact_Electronic_Mail_Address: dvangilder@fhwa.dot.gov
Native_Data_Set_Environment:
Microsoft Windows 2000 Version 5.1 (Build 2600) Service Pack 2; ESRI ArcCatalog 8.3.0.800

Data_Quality_Information:
Attribute_Accuracy:
Attribute_Accuracy_Report: Good
Completeness_Report: Complete for routes
Lineage:
Source_Information:
Type_of_Source_Media: GPS

Spatial_Data_Organization_Information:
Direct_Spatial_Reference_Method: Vector
Point_and_Vector_Object_Information:
SDTS_Terms_Description:
SDTS_Point_and_Vector_Object_Type: String
Point_and_Vector_Object_Count: 17

Spatial_Reference_Information:
Horizontal_Coordinate_System_Definition:
Geographic:
Latitude_Resolution: 0.000000
Longitude_Resolution: 0.000000
Geographic_Coordinate_Units: Decimal degrees
Geodetic_Model:
Horizontal_Datum_Name: North American Datum of 1927
Ellipsoid_Name: Clarke 1866

Semi-major_Axis: 6378206.400000
Denominator_of_Flattening_Ratio: 294.978698

Entity_and_Attribute_Information:
Detailed_Description:
Entity_Type:
Entity_Type_Label: cure_mi
Attribute:
Attribute_Label: FID
Attribute_Definition: Internal feature number.
Attribute_Definition_Source: ESRI
Attribute_Domain_Values:
Unrepresentable_Domain:
Sequential unique whole numbers that are automatically generated.
Attribute:
Attribute_Label: Shape
Attribute_Definition: Feature geometry.
Attribute_Definition_Source: ESRI
Attribute_Domain_Values:
Unrepresentable_Domain: Coordinates defining the features.
Attribute:
Attribute_Label: LENGTH
Attribute_Definition: Length of feature
Attribute_Definition_Source: ESRI
Attribute:
Attribute_Label: ID
Attribute:
Attribute_Label: RTE_NO
Attribute_Definition: Route number
Attribute_Definition_Source: Route ID Meeting
Attribute:
Attribute_Label: RT_LENGTH
Attribute_Definition: Collected route length
Attribute_Definition_Source: ARAN Data Collection
Attribute:
Attribute_Label: PCRMI
Attribute_Definition: Numeric PCR definition
Attribute_Domain_Values:
Range_Domain:
Range_Domain_Minimum: 0
Range_Domain_Maximum: 100
Attribute:
Attribute_Label: PCR_RATEMI
Attribute_Definition: Verbal PCR definition
Attribute_Domain_Values:
Enumerated_Domain:
Enumerated_Domain_Value: POOR
Enumerated_Domain_Value_Definition: PCR value <= 60
Enumerated_Domain:

Enumerated_Domain_Value: FAIR
Enumerated_Domain_Value_Definition: PCR value 61-84
Enumerated_Domain:
Enumerated_Domain_Value: GOOD
Enumerated_Domain_Value_Definition: PCR value 85-94
Enumerated_Domain:
Enumerated_Domain_Value: EXCELLENT
Enumerated_Domain_Value_Definition: PCR value 95-100
Attribute:
Attribute_Label: TSR_EDIT
Attribute_Definition: Indicates whether feature has been edited for graphic purposes.
Attribute_Domain_Values:
Enumerated_Domain:
Enumerated_Domain_Value: 1
Enumerated_Domain_Value_Definition: Edit has been made to feature for graphic purposes
Enumerated_Domain:
Enumerated_Domain_Value: 0
Enumerated_Domain_Value_Definition: No edit made to feature.

Distribution_Information:
Resource_Description: Downloadable Data
Standard_Order_Process:
Digital_Form:
Digital_Transfer_Information:
Transfer_Size: 0.016

Metadata_Reference_Information:
Metadata_Date: 20050512
Metadata_Contact:
Contact_Information:
Contact_Organization_Primary:
Contact_Organization: EFLHD Sterling
Contact_Person: Dan VanGilder
Contact_Position: GIS Coordinator
Contact_Address:
Address_Type: mailing and physical address
City: Sterling
State_or_Province: Virginia
Postal_Code: 20166
Country: United States
Contact_Voice_Telephone: 703-404-6361
Contact_Electronic_Mail_Address: dvangilder@fhwa.dot.gov
Metadata_Standard_Name: FGDC Content Standards for Digital Geospatial Metadata
Metadata_Standard_Version: FGDC-STD-001-1998
Metadata_Time_Convention: local time
Metadata_Extensions:

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

Generated by mp version 2.7.33 on Thu May 12 17:39:19 2005

cure_seg

Metadata also available as

Metadata:

Identification_Information:
Citation:
Citation_Information:
Originator: The TSR Group
Publication_Date: 2005
Title: cure_seg
Geospatial_Data_Presentation_Form: vector digital data
Online_Linkage: Not Available
Description:
Abstract: Routes
Purpose: Road Inventory Program
Supplemental_Information:
Data created by The TSR Group from GPS coordinates provided in the PMS_20 table. The shapefile is processed to aggregate adjacent segments with the same PCR rating.
Time_Period_of_Content:
Time_Period_Information:
Single_Date/Time:
Calendar_Date: 2005
Currentness_Reference: ground condition
Status:
Progress: Complete
Maintenance_and_Update_Frequency: As per RIP cycle
Spatial_Domain:
Bounding_Coordinates:
West_Bounding_Coordinate: -107.650101
East_Bounding_Coordinate: -107.089882
North_Bounding_Coordinate: 38.526463
South_Bounding_Coordinate: 38.443439
Keywords:
Theme:
Theme_Keyword_Thesaurus: CURE
Theme_Keyword: CURE

Access_Constraints: None
Use_Constraints: Redistribution meeds permission from EFLHD/NPS
Point_of_Contact:
Contact_Information:
Contact_Person_Primary:
Contact_Person: Dan VanGilder
Contact_Organization: EFLHD
Contact_Position: GIS Coordinator
Contact_Address:
Address_Type: mailing and physical address
Address: 21400 Ridgetop Circle
City: Sterling
State_or_Province: Virginia
Postal_Code: 20166
Country: United States
Contact_Voice_Telephone: 703-404-6361
Contact_Electronic_Mail_Address: dvangilder@fhwa.dot.gov
Native_Data_Set_Environment:
Microsoft Windows 2000 Version 5.1 (Build 2600) Service Pack 2; ESRI ArcCatalog 8.3.0.800

Data_Quality_Information:
Attribute_Accuracy:
Attribute_Accuracy_Report: Good
Completeness_Report: Complete for routes
Lineage:
Source_Information:
Type_of_Source_Media: GPS

Spatial_Data_Organization_Information:
Direct_Spatial_Reference_Method: Vector
Point_and_Vector_Object_Information:
SDTS_Terms_Description:
SDTS_Point_and_Vector_Object_Type: String
Point_and_Vector_Object_Count: 22

Spatial_Reference_Information:
Horizontal_Coordinate_System_Definition:
Geographic:
Latitude_Resolution: 0.000000
Longitude_Resolution: 0.000000
Geographic_Coordinate_Units: Decimal degrees
Geodetic_Model:
Horizontal_Datum_Name: North American Datum of 1927
Ellipsoid_Name: Clarke 1866

Semi-major_Axis: 6378206.400000
Denominator_of_Flattening_Ratio: 294.978698

Entity_and_Attribute_Information:
Detailed_Description:
Entity_Type:
Entity_Type_Label: cure_seg
Attribute:
Attribute_Label: FID
Attribute_Definition: Internal feature number.
Attribute_Definition_Source: ESRI
Attribute_Domain_Values:
Unrepresentable_Domain:
Sequential unique whole numbers that are automatically generated.
Attribute:
Attribute_Label: Shape
Attribute_Definition: Feature geometry.
Attribute_Definition_Source: ESRI
Attribute_Domain_Values:
Unrepresentable_Domain: Coordinates defining the features.
Attribute:
Attribute_Label: LENGTH
Attribute_Definition: Length of feature
Attribute_Definition_Source: ESRI
Attribute:
Attribute_Label: ID
Attribute:
Attribute_Label: RTE_NO
Attribute_Definition: Route number
Attribute_Definition_Source: Route ID Meeting
Attribute:
Attribute_Label: RT_LENGTH
Attribute_Definition: Collected route length
Attribute_Definition_Source: ARAN Data Collection
Attribute:
Attribute_Label: PCR_RATEAV
Attribute_Definition:
Numeric PCR definition. Average PCR value based on programatic averaging of adjacent segments.
Attribute_Domain_Values:
Range_Domain:
Range_Domain_Minimum: 0
Range_Domain_Maximum: 100
Attribute:
Attribute_Label: PCRAV
Attribute_Definition: Verbal PCR definition based on value in PCRAV field
Attribute_Domain_Values:
Enumerated_Domain:
Enumerated_Domain_Value: POOR

Enumerated_Domain_Value_Definition: PCR value <= 60
Enumerated_Domain:
Enumerated_Domain_Value: FAIR
Enumerated_Domain_Value_Definition: PCR value 61-84
Enumerated_Domain:
Enumerated_Domain_Value: GOOD
Enumerated_Domain_Value_Definition: PCR value 85-94
Enumerated_Domain:
Enumerated_Domain_Value: EXCELLENT
Enumerated_Domain_Value_Definition: PCR value 95-100

Attribute:
Attribute_Label: TSR_EDIT
Attribute_Definition: Indicates whether feature has been edited for graphic purposes.
Attribute_Domain_Values:
Enumerated_Domain:
Enumerated_Domain_Value: 1
Enumerated_Domain_Value_Definition: Edit has been made to feature for graphic purposes
Enumerated_Domain:
Enumerated_Domain_Value: 0
Enumerated_Domain_Value_Definition: No edit made to feature.

Distribution_Information:
Resource_Description: Downloadable Data
Standard_Order_Process:
Digital_Form:
Digital_Transfer_Information:
Transfer_Size: 0.016

Metadata_Reference_Information:
Metadata_Date: 20050512
Metadata_Contact:
Contact_Information:
Contact_Organization_Primary:
Contact_Organization: EFLHD Sterling
Contact_Person: Dan VanGilder
Contact_Position: GIS Coordinator
Contact_Address:
Address_Type: mailing and physical address
City: Sterling
State_or_Province: Virginia
Postal_Code: 20166
Country: United States
Contact_Voice_Telephone: 703-404-6361
Contact_Electronic_Mail_Address: dvangilder@fhwa.dot.gov
Metadata_Standard_Name: FGDC Content Standards for Digital Geospatial Metadata
Metadata_Standard_Version: FGDC-STD-001-1998

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

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