



**national park service**

**The Road Inventory  
of  
Dinosaur National Monument  
DINO – 1400  
Cycle 4**



**Prepared By:  
Federal Highway Administration  
Road Inventory Program  
Cycle 4**



# Dinosaur National Monument in Colorado





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# Dinosaur National Monument



## **Section 1** **Introduction**

## INTRODUCTION

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

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

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

In an effort to maintain and update the RIP data, a cyclical data collection and reporting process was reestablished in the 1990's. The FLH completed two cycles of RIP data collection between 1994 and 2001. Cycle 1 was collected in 44 large parks from 1994 to 1996. This data was found to be unusable for comparison to future cycles. Cycle 2 data was collected from March 1997 to January 2001 in 79 large parks and 5 small parks containing 4,874 route miles. Each park received a copy of a Cycle 2 RIP Report, also known as the "Blue Book". Cycle 3 was completed from 2001 through 2004, and included data collection in all parks that contain pavement.

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

In 1998, the Transportation Equity Act for the 21<sup>st</sup> Century (TEA-21) amended Title 23 U.S.C., and inserted Section 204(a)(6) which requires the Federal Highway Administration and the National Park Service, to develop, by rule, a Pavement Management System (PMS) for the park roads and parkways serving the National Park System. As a result of the requirements in TEA-21, the NPS and FHWA are in the process of developing a PMS. The PMS will assist the decision-makers in effectively spending limited PRP Program funds. The PMS

will provide information for planning and programming road maintenance, rehabilitation, and reconstruction activities. RIP data will provide the basic information for this system.

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

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

In the Cycle 4 Reports, a general condition rating of excellent, good, fair and poor is ascribed to each one-mile section of paved roadway, and to each paved parking area. This condition rating system provides a realistic means of assessing the general funding needs for road improvements. Along with these descriptive condition ratings, a numerical rating between 0 and 100 is ascribed to each mile of road and to each parking area. This numerical rating is called a Pavement Condition Rating (PCR). The PCR rating system is described in Section 10 of this report.

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

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

The FHWA RIP Team

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# Dinosaur National Monument



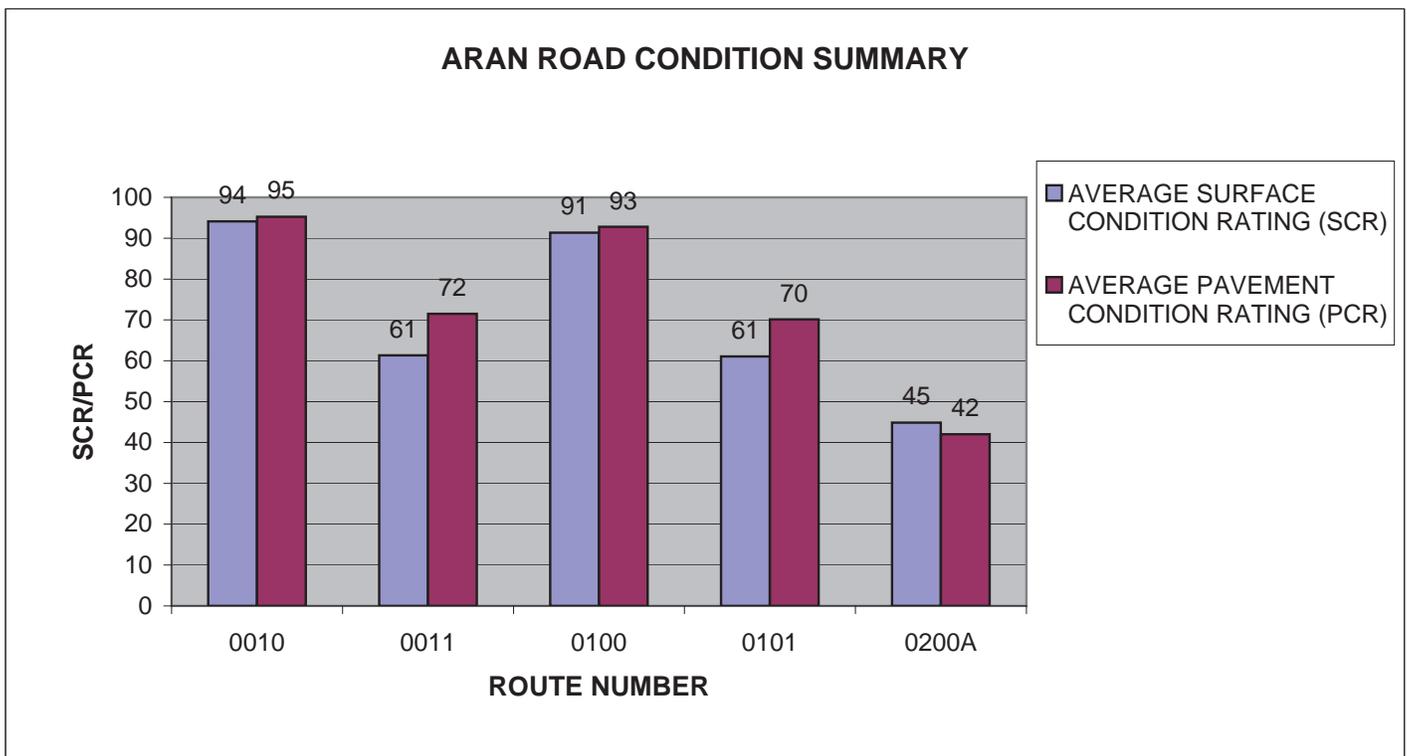
## **Section 2** **Park Summary Information**

## DINO: PAVED ROUTE MILES AND PERCENTAGES BY FUNCTIONAL CLASS AND PCR

F.C.	Pavement Condition Rating (PCR)								TOTAL MILES
	Poor (<=60)		Fair (61-84)		Good (85-94)		Excellent (95-100)		
	MILES	%	MILES	%	MILES	%	MILES	%	
1	7.95	12.92%	32.75	53.23%	5.52	8.97%	8.20	13.33%	54.42
2	1.15	1.87%	0.53	0.86%	0.22	0.36%	0.29	0.47%	2.19
3	1.52	2.47%	1.70	2.76%	0.49	0.80%	0.14	0.23%	3.85
4									
5									
6	0.77	1.25%	0.30	0.49%					1.07
7									
8									
<b>Totals</b>	<b>11.39</b>	<b>18.51%</b>	<b>35.28</b>	<b>57.34%</b>	<b>6.23</b>	<b>10.12%</b>	<b>8.63</b>	<b>14.02%</b>	<b>61.53</b>

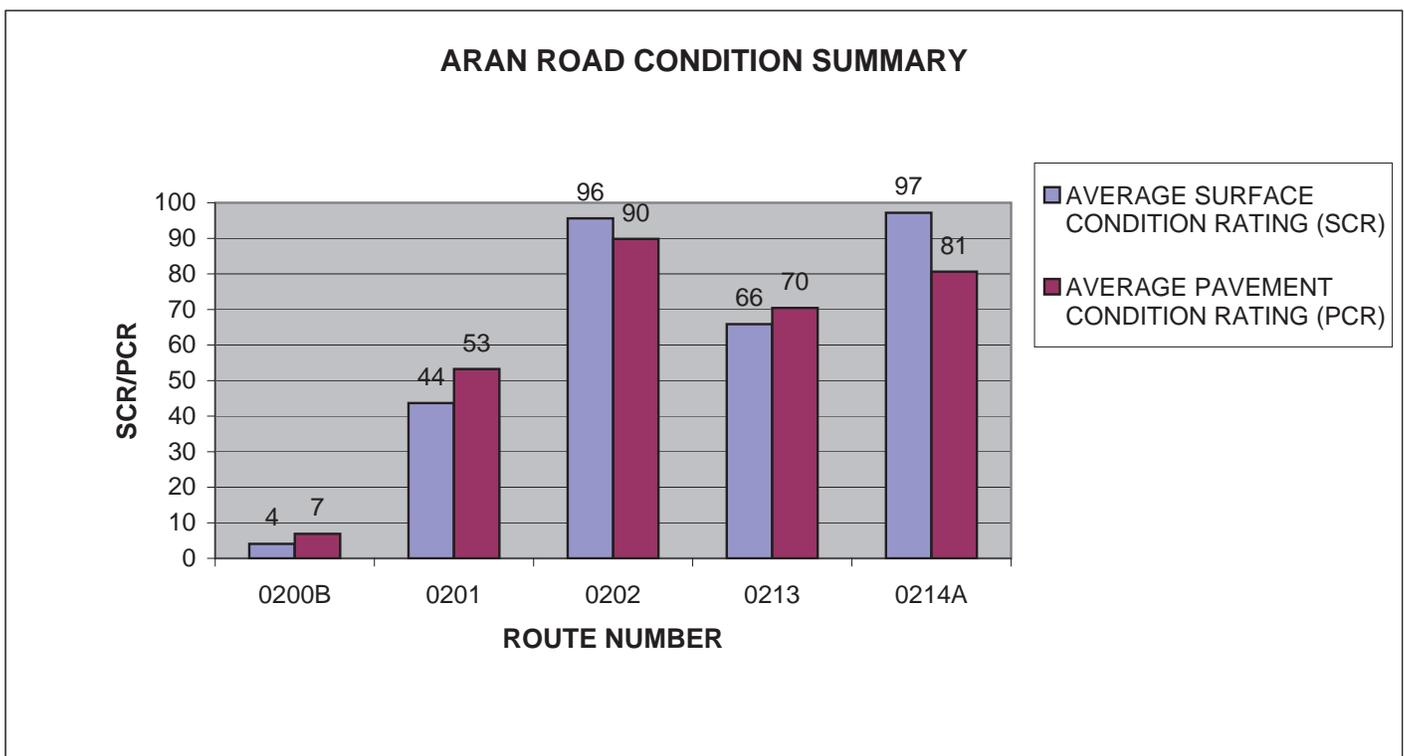
# DINO: ARAN ROAD CONDITION SUMMARY

ROUTE NUMBER	ROUTE NAME	FUNCT CLASS	ROUTE LENGTH	SURFACE TYPE	AVERAGE SURFACE CONDITION RATING (SCR)	AVERAGE PAVEMENT CONDITION RATING (PCR)
0010	GRD MAIN ENTRANCE ROAD	1	9.81	ASPHALT	94	95
0011	HARPERS CORNER ROAD	1	31.88	ASPHALT	61	72
0100	QUARRY ACCESS ROAD	2	0.62	ASPHALT	91	93
0101	DEERLODGE ENTRANCE ROAD	1	12.73	ASPHALT	61	70
0200A	SPLIT MOUNTAIN CAMPGROUND LOOP ROAD	3	0.40	ASPHALT	45	42



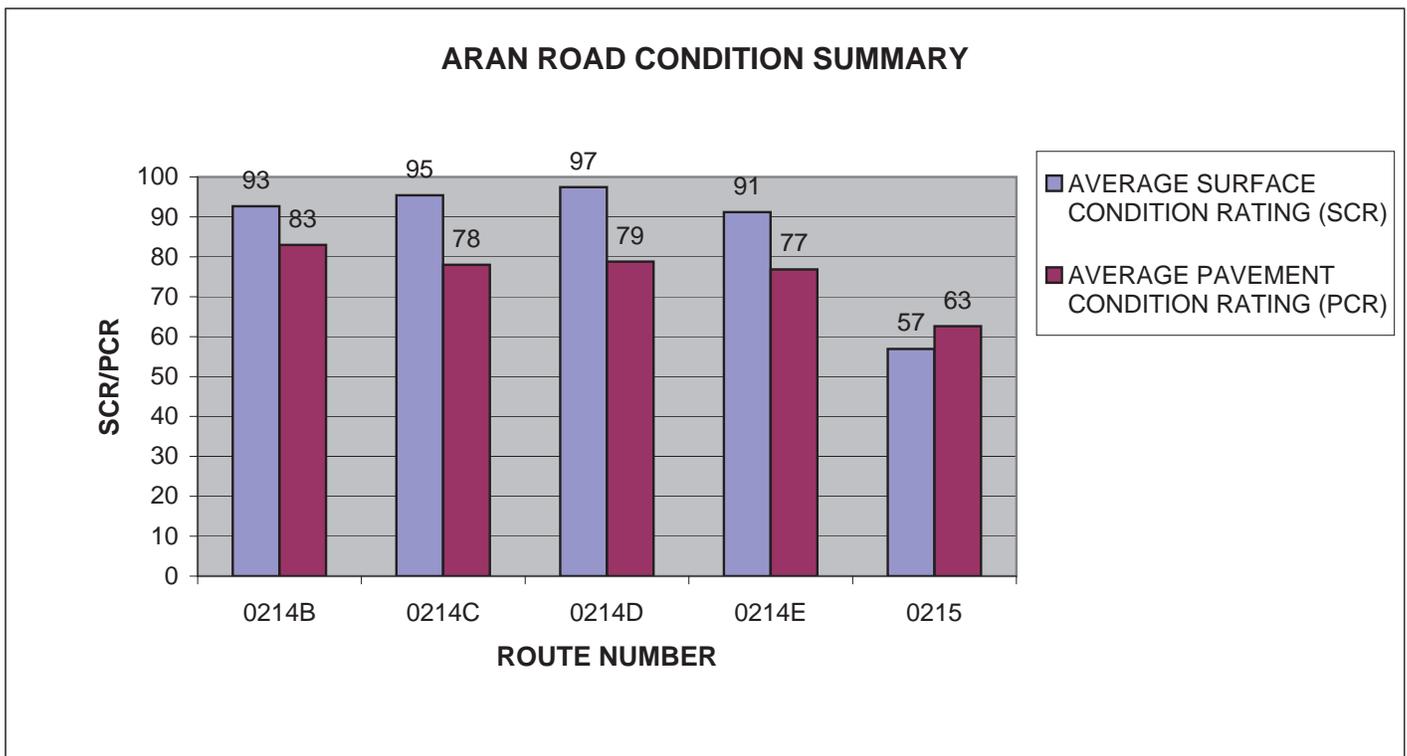
# DINO: ARAN ROAD CONDITION SUMMARY

ROUTE NUMBER	ROUTE NAME	FUNCT CLASS	ROUTE LENGTH	SURFACE TYPE	AVERAGE SURFACE CONDITION RATING (SCR)	AVERAGE PAVEMENT CONDITION RATING (PCR)
0200B	SPLIT MOUNTAIN CAMPGROUND SPUR ROAD	3	0.36	ASPHALT	4	7
0201	CANYON OVERLOOK ROAD	2	0.88	ASPHALT	44	53
0202	GREEN RIVER CAMPGROUND ACCESS ROAD	3	0.46	ASPHALT	96	90
0213	CROSS MOUNTAIN GORGE ROAD	3	0.31	ASPHALT	66	70
0214A	GREEN RIVER CAMPGROUND LOOP ROAD A	3	0.25	ASPHALT	97	81



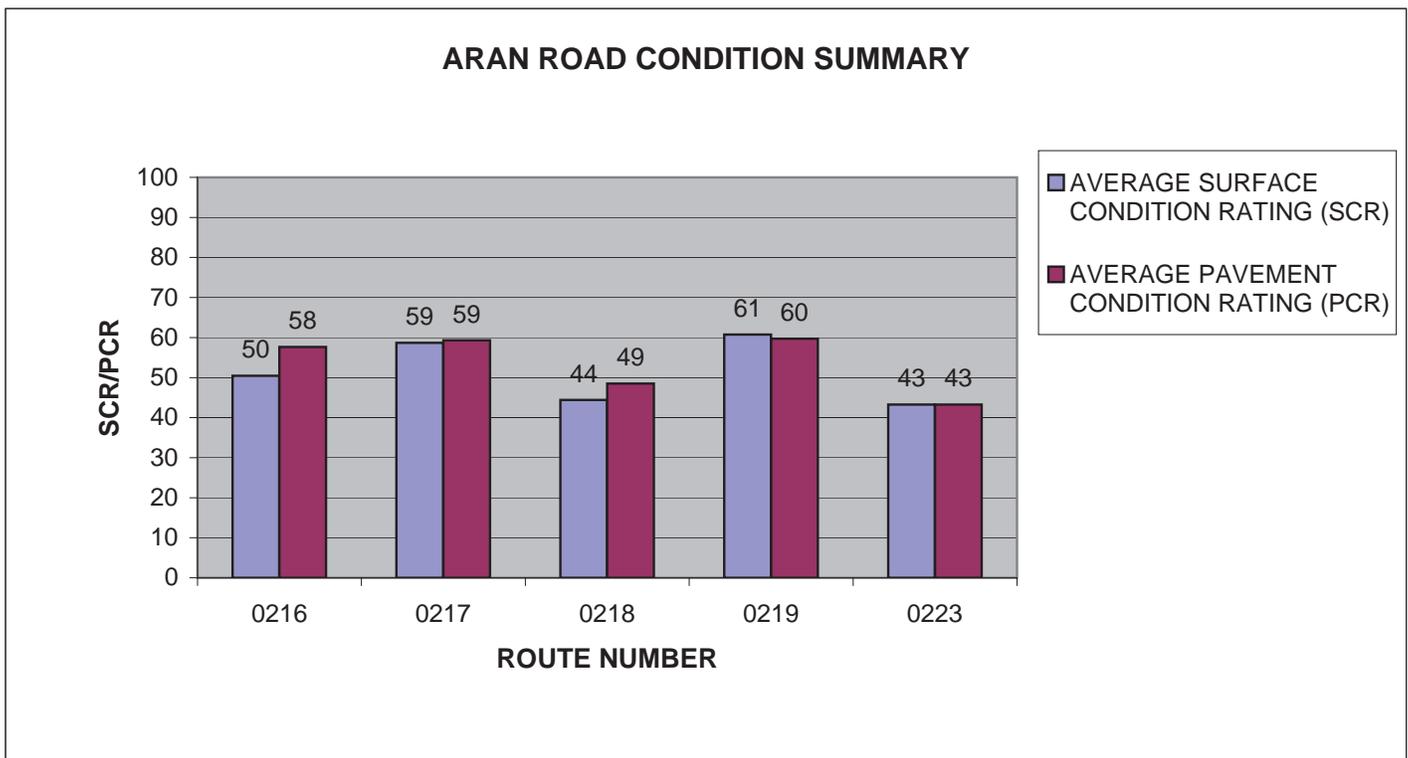
# DINO: ARAN ROAD CONDITION SUMMARY

ROUTE NUMBER	ROUTE NAME	FUNCT CLASS	ROUTE LENGTH	SURFACE TYPE	AVERAGE SURFACE CONDITION RATING (SCR)	AVERAGE PAVEMENT CONDITION RATING (PCR)
0214B	GREEN RIVER CAMPGROUND LOOP ROAD B	3	0.18	ASPHALT	93	83
0214C	GREEN RIVER CAMPGROUND LOOP ROAD C	3	0.14	ASPHALT	95	78
0214D	GREEN RIVER CAMPGROUND LOOP ROAD D	3	0.18	ASPHALT	97	79
0214E	GREEN RIVER CAMPGROUND LOOP ROAD E	3	0.28	ASPHALT	91	77
0215	CANYON OVERLOOK LOWER ROAD	3	0.3	ASPHALT	57	63



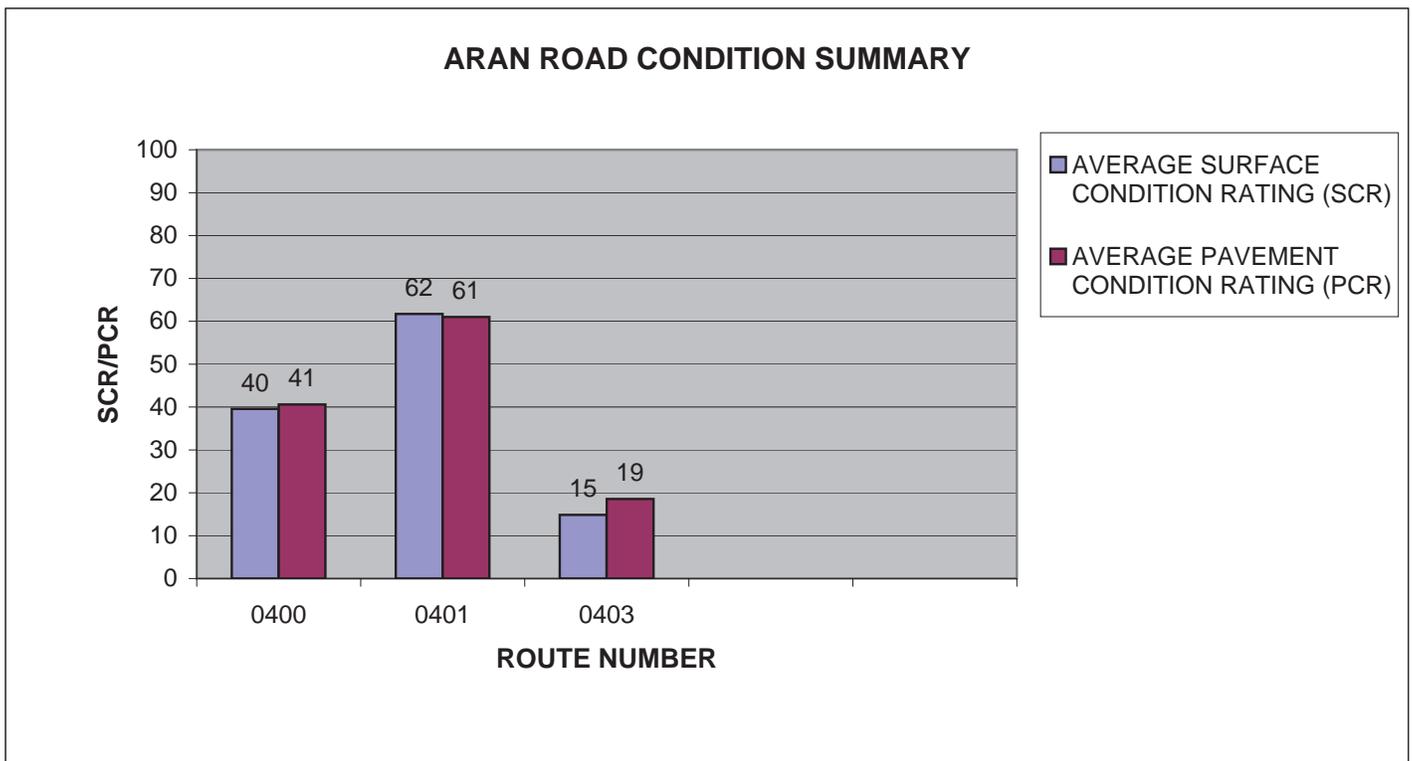
# DINO: ARAN ROAD CONDITION SUMMARY

ROUTE NUMBER	ROUTE NAME	FUNCT CLASS	ROUTE LENGTH	SURFACE TYPE	AVERAGE SURFACE CONDITION RATING (SCR)	AVERAGE PAVEMENT CONDITION RATING (PCR)
0216	SPLIT MOUNTAIN CAMPGROUND ACCESS ROAD	3	0.99	ASPHALT	50	58
0217	IRON SPRINGS BENCH OVERLOOK ROAD	2	0.27	ASPHALT	59	59
0218	ISLAND PARK OVERLOOK ROAD	2	0.2	ASPHALT	44	49
0219	ESCALANTE OVERLOOK ROAD	2	0.22	ASPHALT	61	60
0223	ROAD	6	0.11	ASPHALT	43	43



# DINO: ARAN ROAD CONDITION SUMMARY

ROUTE NUMBER	ROUTE NAME	FUNCT CLASS	ROUTE LENGTH	SURFACE TYPE	AVERAGE SURFACE CONDITION RATING (SCR)	AVERAGE PAVEMENT CONDITION RATING (PCR)
0400	QUARRY RESIDENTIAL ROAD	6	0.33	ASPHALT	40	41
0401	HEADQUARTERS QUARTERS ROAD	6	0.45	ASPHALT	62	61
0403	WASTEWATER ROAD	6	0.35	ASPHALT	15	19

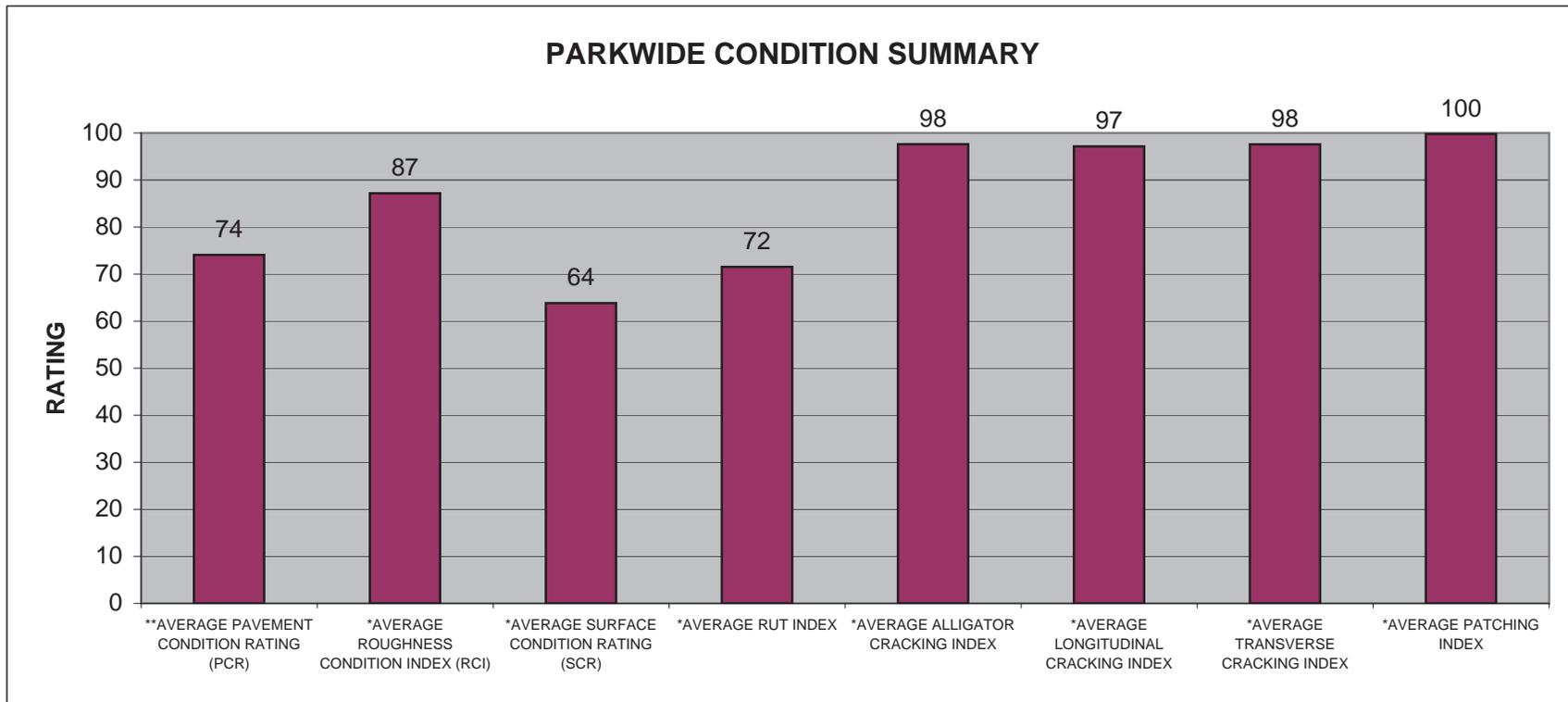


# DINO: PARKWIDE CONDITION SUMMARY

**AVERAGE PAVEMENT CONDITION RATING (PCR)	*AVERAGE ROUGHNESS CONDITION INDEX (RCI)	*AVERAGE SURFACE CONDITION RATING (SCR)	*AVERAGE RUT INDEX	*AVERAGE ALLIGATOR CRACKING INDEX	*AVERAGE LONGITUDINAL CRACKING INDEX	*AVERAGE TRANSVERSE CRACKING INDEX	*AVERAGE PATCHING INDEX
74	87	64	72	98	97	98	100

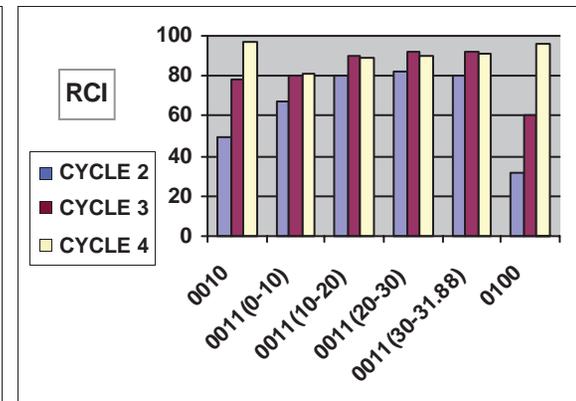
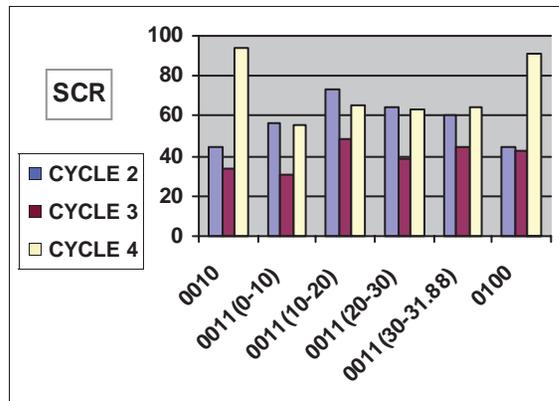
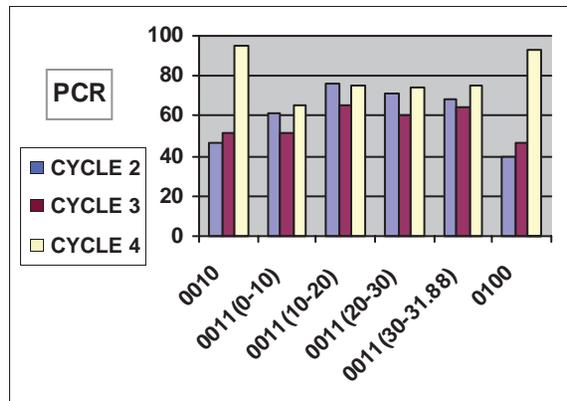
\*\* PCR Index is based on all ARAN-driven roads, parking areas, and manually rated routes.

\* Index values are based on ARAN-driven roads only.



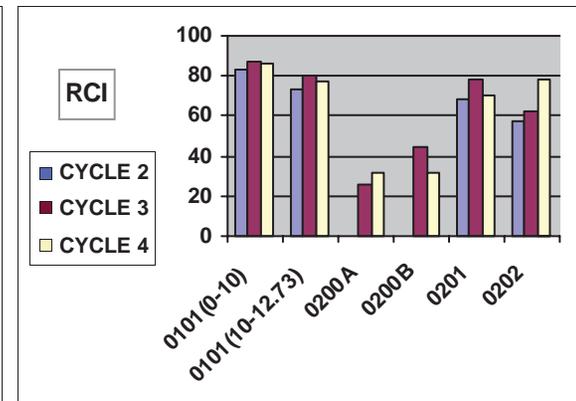
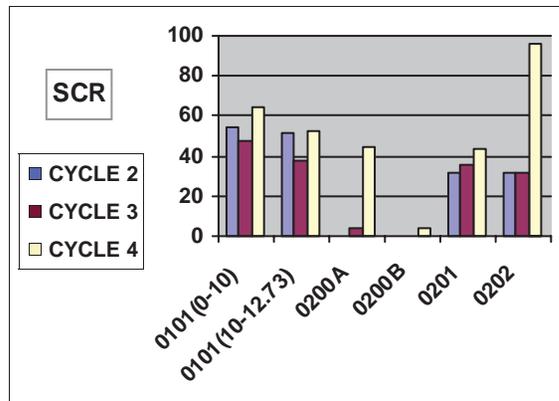
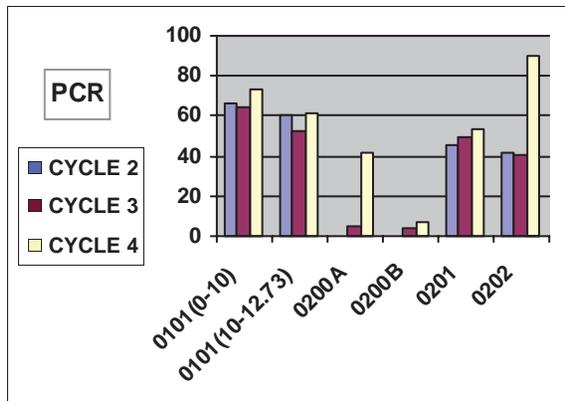
## DINO : CYCLE 2 vs CYCLE 3 vs CYCLE 4 CONDITION COMPARISONS

ROUTE NUMBER	PAVED MILES	FROM MILEPOST	TO MILEPOST	PAVEMENT CONDITION RATING (PCR)				SURFACE CONDITION RATING (SCR)				ROUGHNESS CONDITION INDEX (RCI)				COMMENT
				CYCLE 2	CYCLE 3	CYCLE 4	PERCENT CHANGE	CYCLE 2	CYCLE 3	CYCLE 4	PERCENT CHANGE	CYCLE 2	CYCLE 3	CYCLE 4	PERCENT CHANGE	
0010	9.81	0.00	9.81	47	51	95	+86%	45	34	94	+176%	50	78	97	+24%	
0011	10.00	0.00	10.00	61	51	65	+27%	56	31	55	+77%	67	80	81	+1%	
0011	10.00	10.00	20.00	76	65	75	+15%	73	49	65	+33%	80	90	89	-1%	
0011	20.00	20.00	30.00	71	60	74	+23%	64	39	63	+62%	82	92	90	-2%	
0011	1.88	30.00	31.88	68	64	75	+17%	60	45	64	+42%	80	92	91	-1%	
0100	0.62	0.00	0.62	40	47	93	+98%	45	43	91	+112%	32	60	96	+60%	



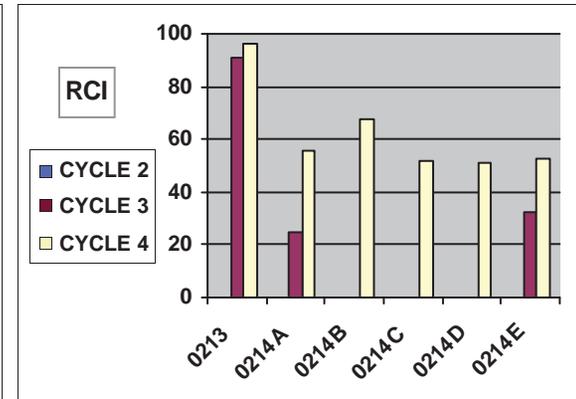
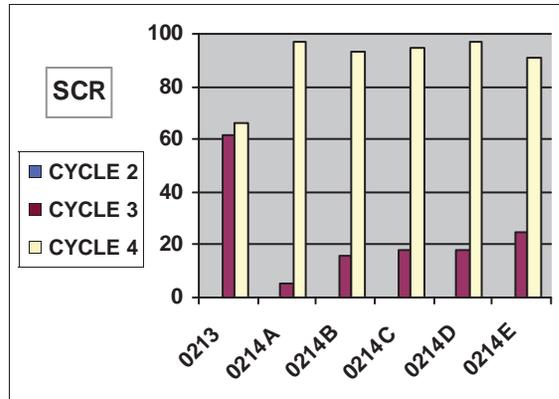
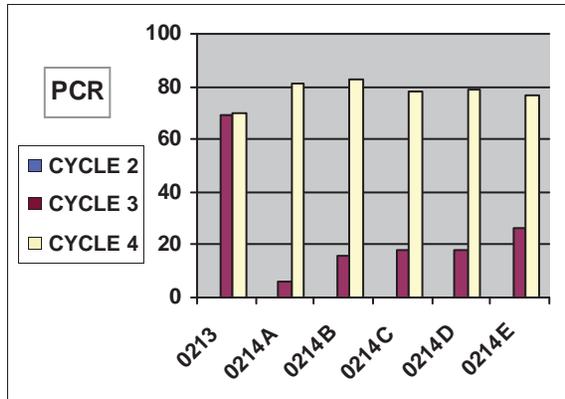
## DINO : CYCLE 2 vs CYCLE 3 vs CYCLE 4 CONDITION COMPARISONS

ROUTE NUMBER	PAVED MILES	FROM MILLEPOST	TO MILLEPOST	PAVEMENT CONDITION RATING (PCR)				SURFACE CONDITION RATING (SCR)				ROUGHNESS CONDITION INDEX (RCI)				COMMENT
				CYCLE 2	CYCLE 3	CYCLE 4	PERCENT CHANGE	CYCLE 2	CYCLE 3	CYCLE 4	PERCENT CHANGE	CYCLE 2	CYCLE 3	CYCLE 4	PERCENT CHANGE	
0101	10.00	0.00	10.00	66	64	73	+14%	54	48	64	+33%	83	87	86	-1%	
0101	2.73	10.00	12.73	60	52	61	+17%	51	38	52	+37%	73	80	77	-4%	
0200A	0.40	0.00	0.40	N/A	5	42	+740%	N/A	4	45	+1025%	N/A	26	32	+23%	
0200B	0.36	0.00	0.36	N/A	4	7	+75%	N/A	0	4	N/A	N/A	45	32	-29%	
0201	0.88	0.00	0.88	46	50	53	+6%	32	36	44	+22%	68	78	70	-10%	
0202	0.46	0.00	0.46	42	41	90	+120%	32	32	96	+200%	57	62	78	+26%	



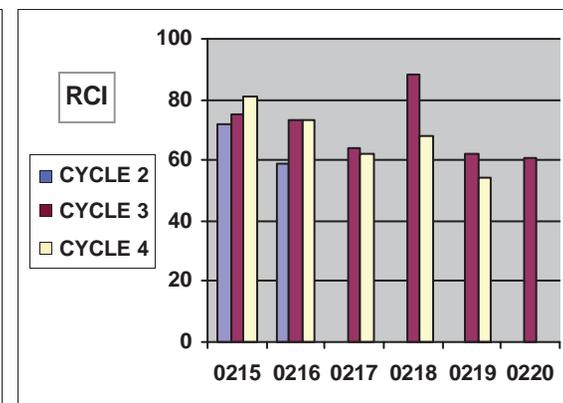
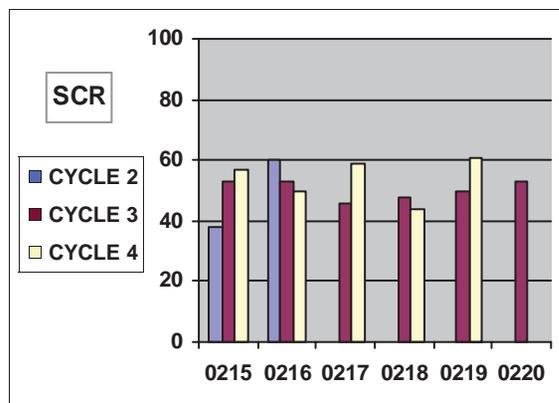
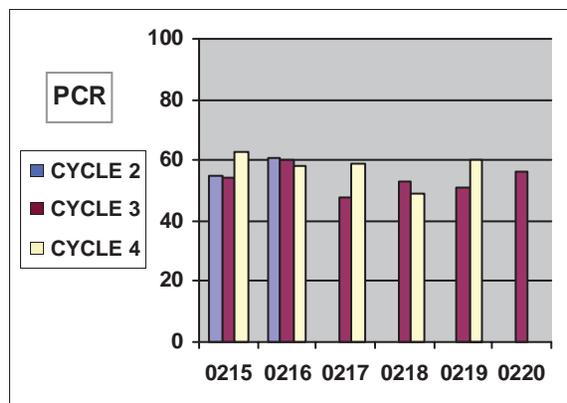
## DINO : CYCLE 2 vs CYCLE 3 vs CYCLE 4 CONDITION COMPARISONS

ROUTE NUMBER	PAVED MILES	FROM MILEPOST	TO MILEPOST	PAVEMENT CONDITION RATING (PCR)				SURFACE CONDITION RATING (SCR)				ROUGHNESS CONDITION INDEX (RCI)				COMMENT
				CYCLE 2	CYCLE 3	CYCLE 4	PERCENT CHANGE	CYCLE 2	CYCLE 3	CYCLE 4	PERCENT CHANGE	CYCLE 2	CYCLE 3	CYCLE 4	PERCENT CHANGE	
0213	0.31	0.00	0.31	N/A	69	70	+1%	N/A	62	66	+6%	N/A	91	96	+5%	
0214A	0.25	0.00	0.25	N/A	6	81	+1250%	N/A	5	97	+1840%	N/A	25	56	+124%	
0214B	0.18	0.00	0.18	N/A	16	83	+419%	N/A	16	93	+481%	N/A	N/A	68	N/A	No RCI collected in Cycle 3.
0214C	0.14	0.00	0.14	N/A	18	78	+333%	N/A	18	95	+428%	N/A	N/A	52	N/A	No RCI collected in Cycle 3.
0214D	0.18	0.00	0.18	N/A	18	79	+339%	N/A	18	97	+439%	N/A	N/A	51	N/A	No RCI collected in Cycle 3.
0214E	0.28	0.00	0.28	N/A	26	77	+196%	N/A	25	91	+264%	N/A	32	53	+66%	



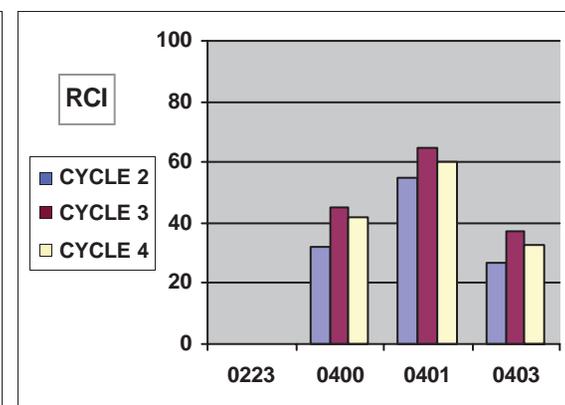
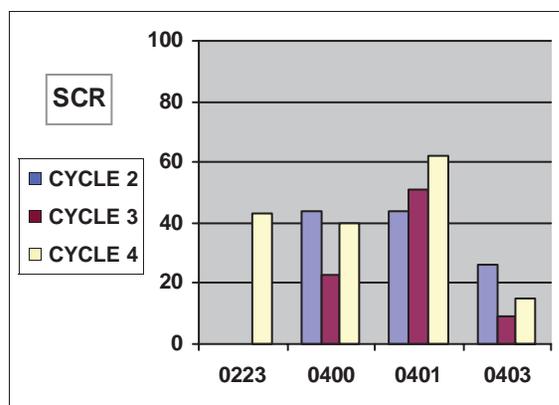
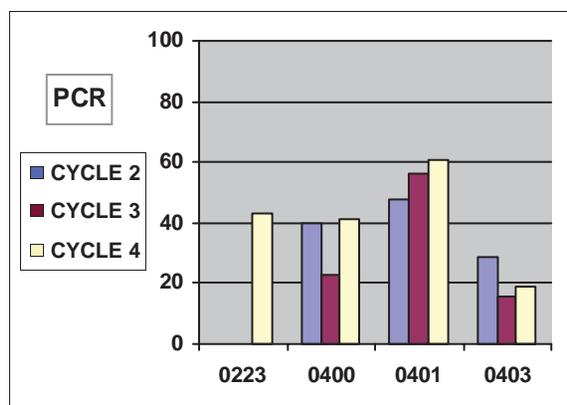
## DINO : CYCLE 2 vs CYCLE 3 vs CYCLE 4 CONDITION COMPARISONS

ROUTE NUMBER	PAVED MILES	FROM MILLEPOST	TO MILLEPOST	PAVEMENT CONDITION RATING (PCR)				SURFACE CONDITION RATING (SCR)				ROUGHNESS CONDITION INDEX (RCI)				COMMENT
				CYCLE 2	CYCLE 3	CYCLE 4	PERCENT CHANGE	CYCLE 2	CYCLE 3	CYCLE 4	PERCENT CHANGE	CYCLE 2	CYCLE 3	CYCLE 4	PERCENT CHANGE	
0215	0.30	0.00	0.30	55	54	63	+17%	38	53	57	+8%	72	75	81	+8%	
0216	0.99	0.00	0.99	61	60	58	-3%	60	53	50	-6%	59	73	73	0%	
0217	0.27	0.00	0.27	N/A	48	59	+23%	N/A	46	59	+28%	N/A	64	62	-3%	
0218	0.20	0.00	0.20	N/A	53	49	-8%	N/A	48	44	-8%	N/A	88	68	-23%	
0219	0.22	0.00	0.22	N/A	51	60	+18%	N/A	50	61	+22%	N/A	62	54	-13%	
0220	0.09	0.00	0.09	N/A	56	N/A	N/A	N/A	53	N/A	N/A	N/A	61	N/A	N/A	Route was combined with Route 0900.



## DINO : CYCLE 2 vs CYCLE 3 vs CYCLE 4 CONDITION COMPARISONS

ROUTE NUMBER	PAVED MILES	FROM MILEPOST	TO MILEPOST	PAVEMENT CONDITION RATING (PCR)				SURFACE CONDITION RATING (SCR)				ROUGHNESS CONDITION INDEX (RCI)				COMMENT	
				CYCLE 2	CYCLE 3	CYCLE 4	PERCENT CHANGE	CYCLE 2	CYCLE 3	CYCLE 4	PERCENT CHANGE	CYCLE 2	CYCLE 3	CYCLE 4	PERCENT CHANGE		
0223	0.11	0.00	0.11	N/A	N/A	43	N/A	N/A	N/A	43	N/A	N/A	N/A	N/A	N/A	N/A	New ARAN driven route in Cycle 4.
0400	0.33	0.00	0.33	40	23	41	+78%	44	23	40	+74%	32	45	42	-7%		
0401	0.45	0.00	0.45	48	56	61	+9%	44	51	62	+22%	55	65	60	-8%		
0403	0.19	0.00	0.19	29	16	19	+19%	26	9	15	+67%	27	37	33	-11%		

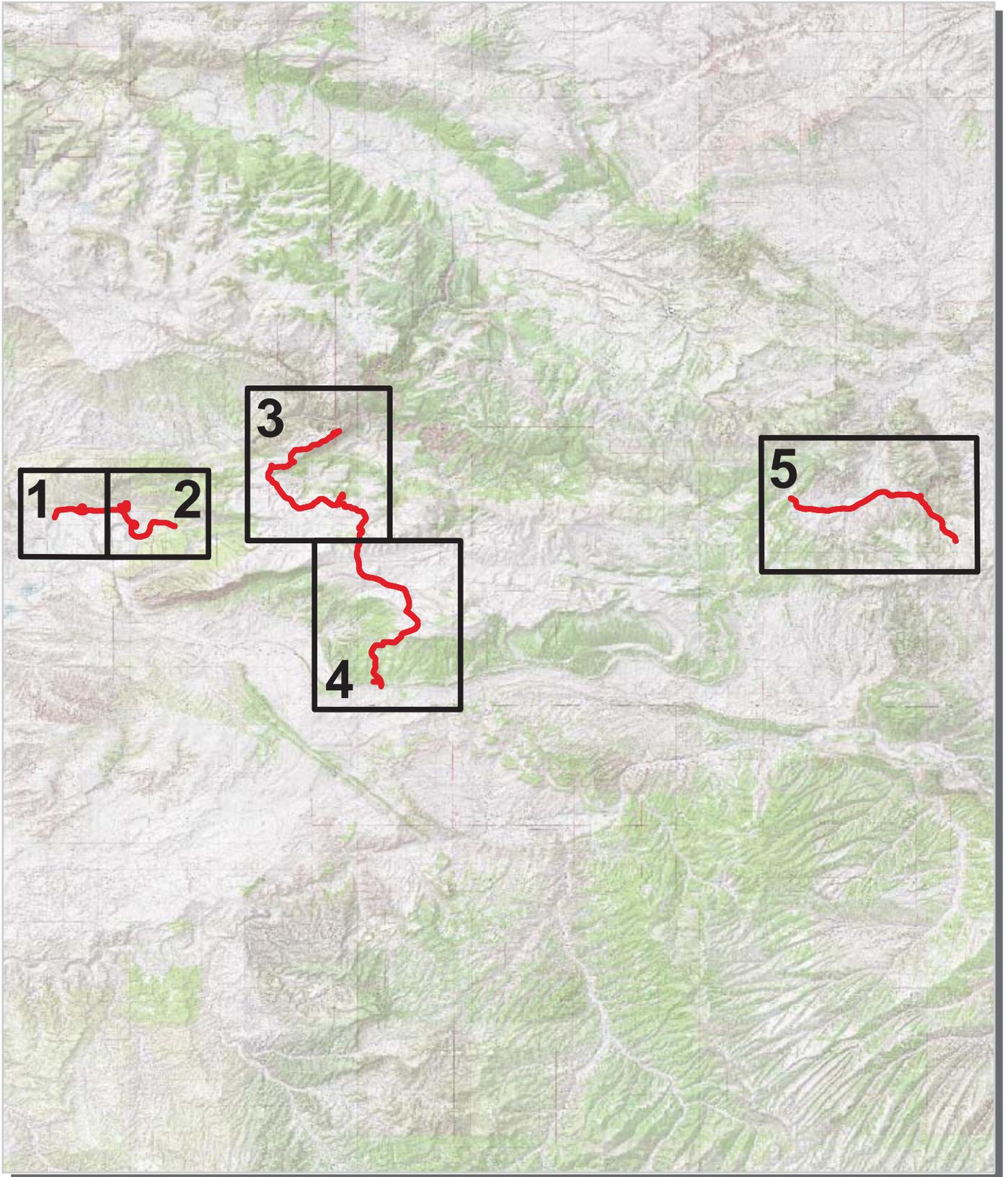


# Dinosaur National Monument

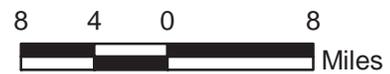


## **Section 3** **Park Route Location / Condition** **Maps**

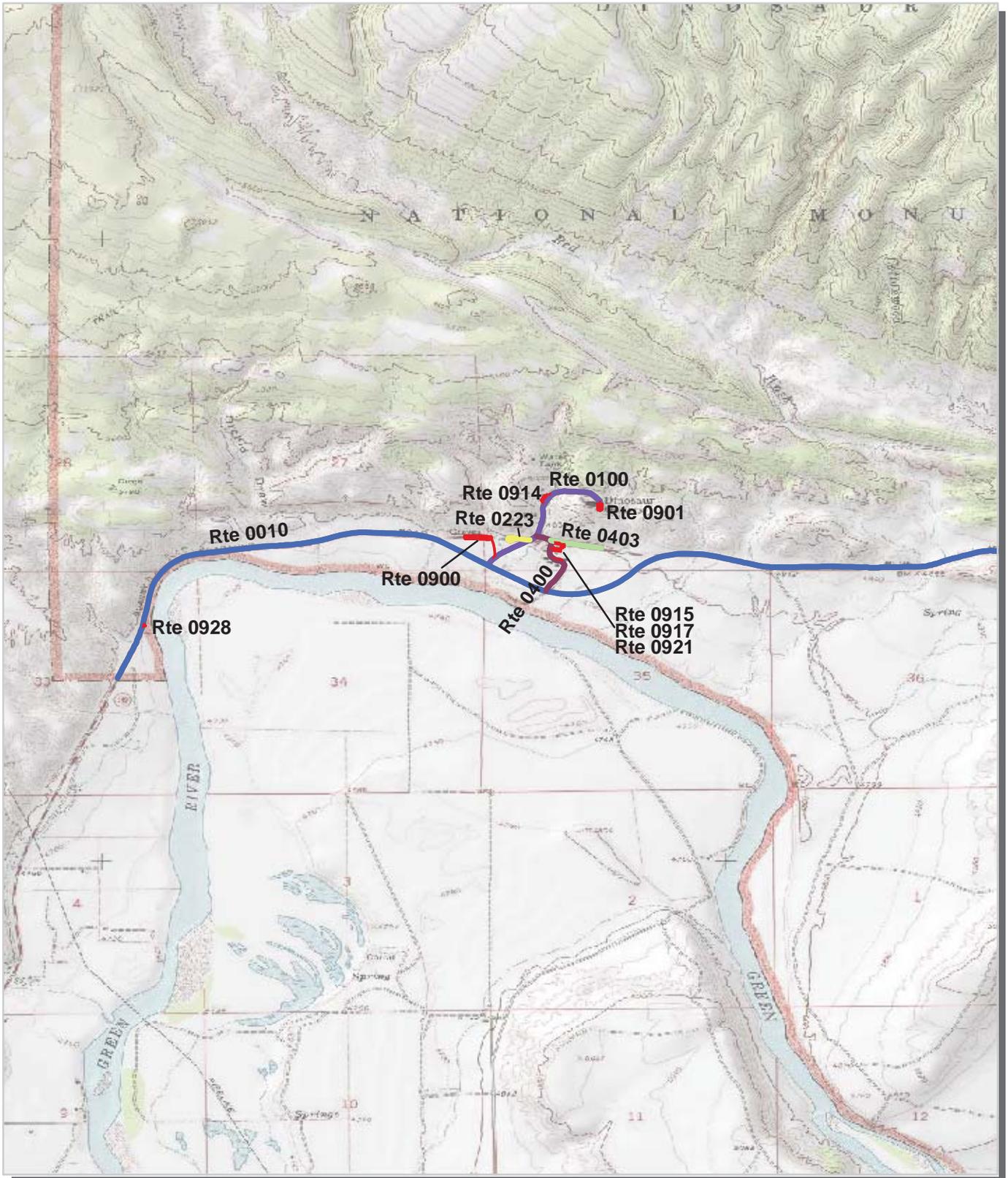
Dinosaur National Monument  
Route Location Map  
Key Map



 Park Owned Routes



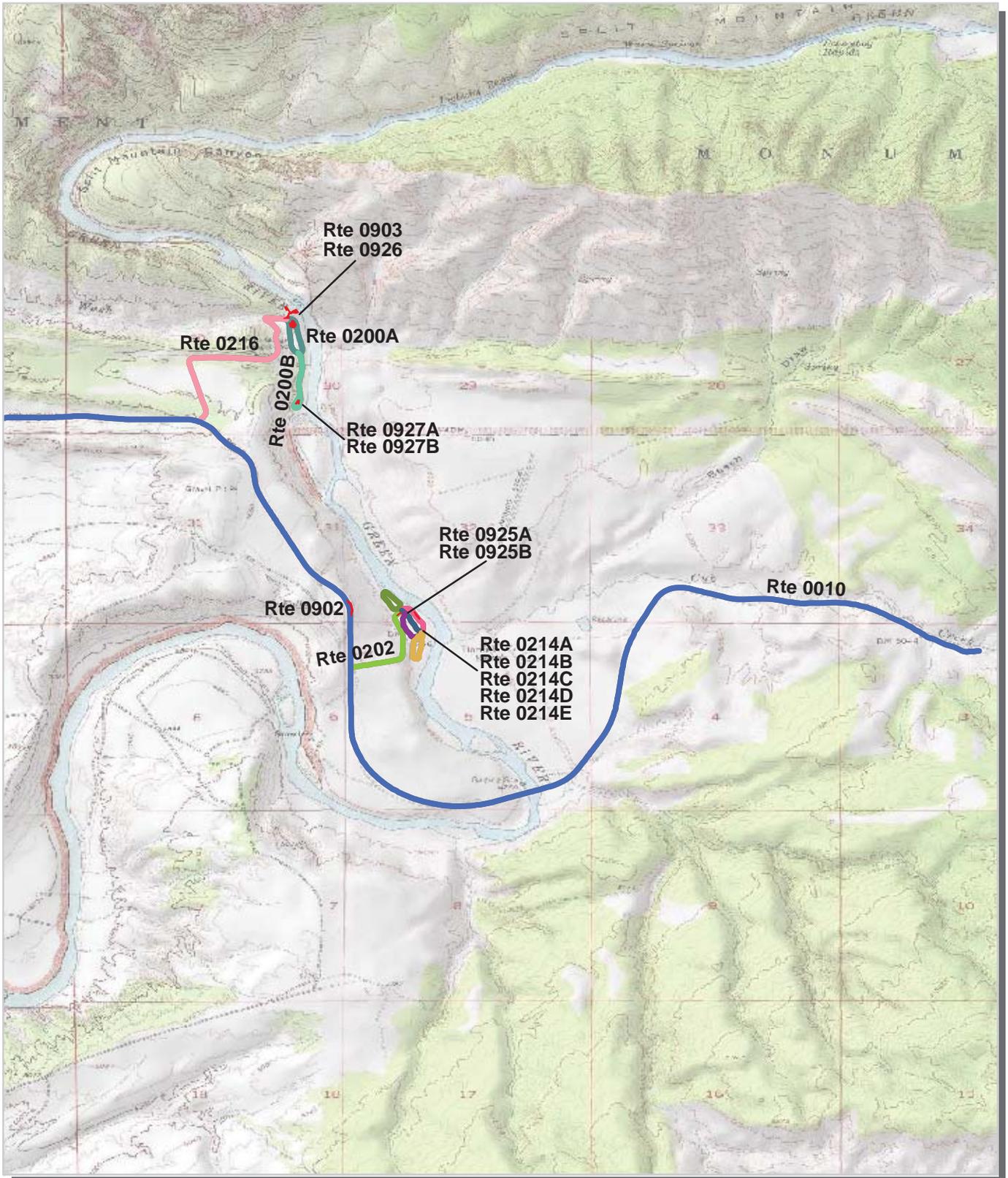
# Dinosaur National Monument Route Location Map Area 1



Unique colors used to differentiate routes



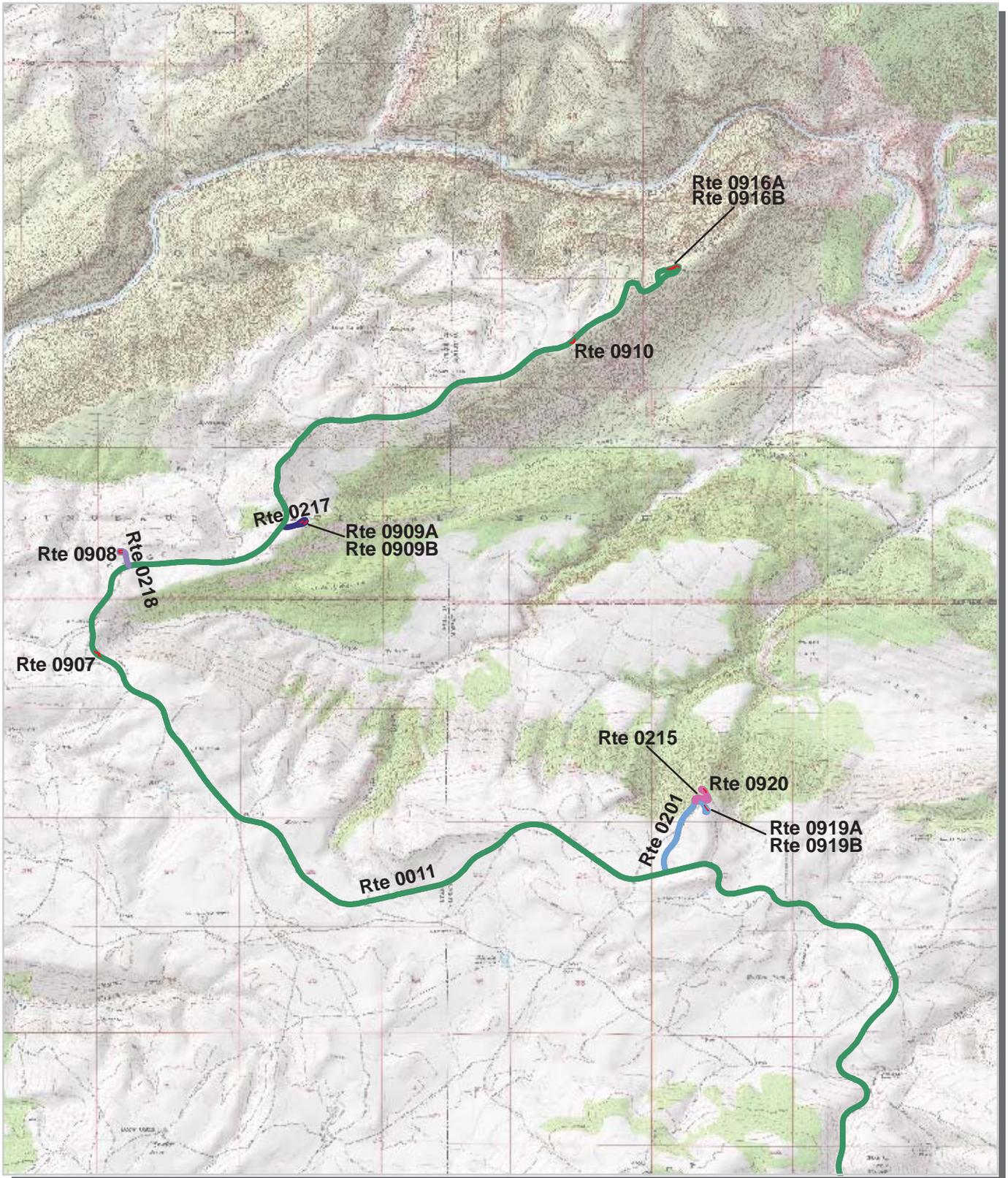
# Dinosaur National Monument Route Location Map Area 2



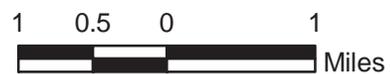
Unique colors used to differentiate routes



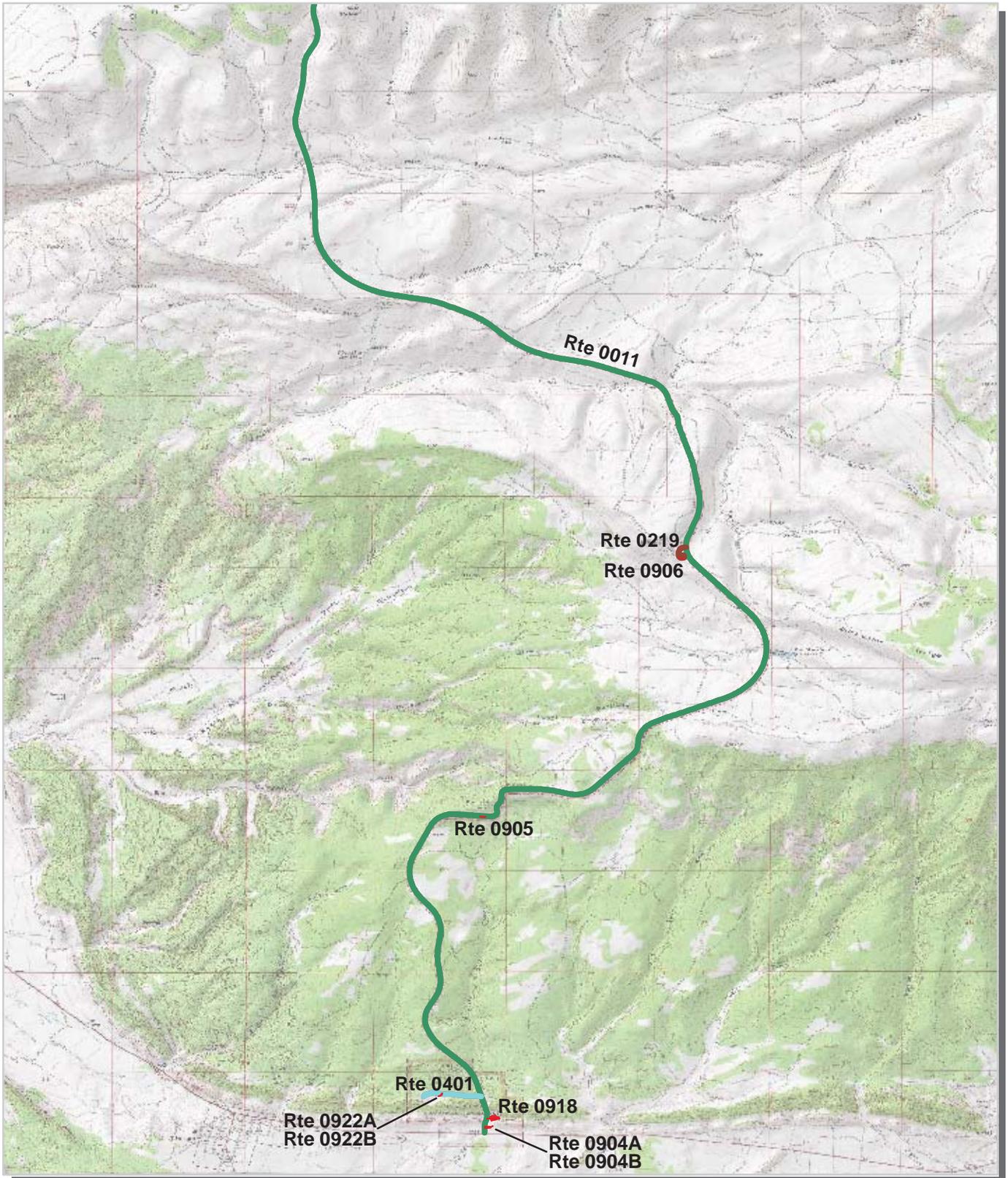
# Dinosaur National Monument Route Location Map Area 3



Unique colors used to differentiate routes



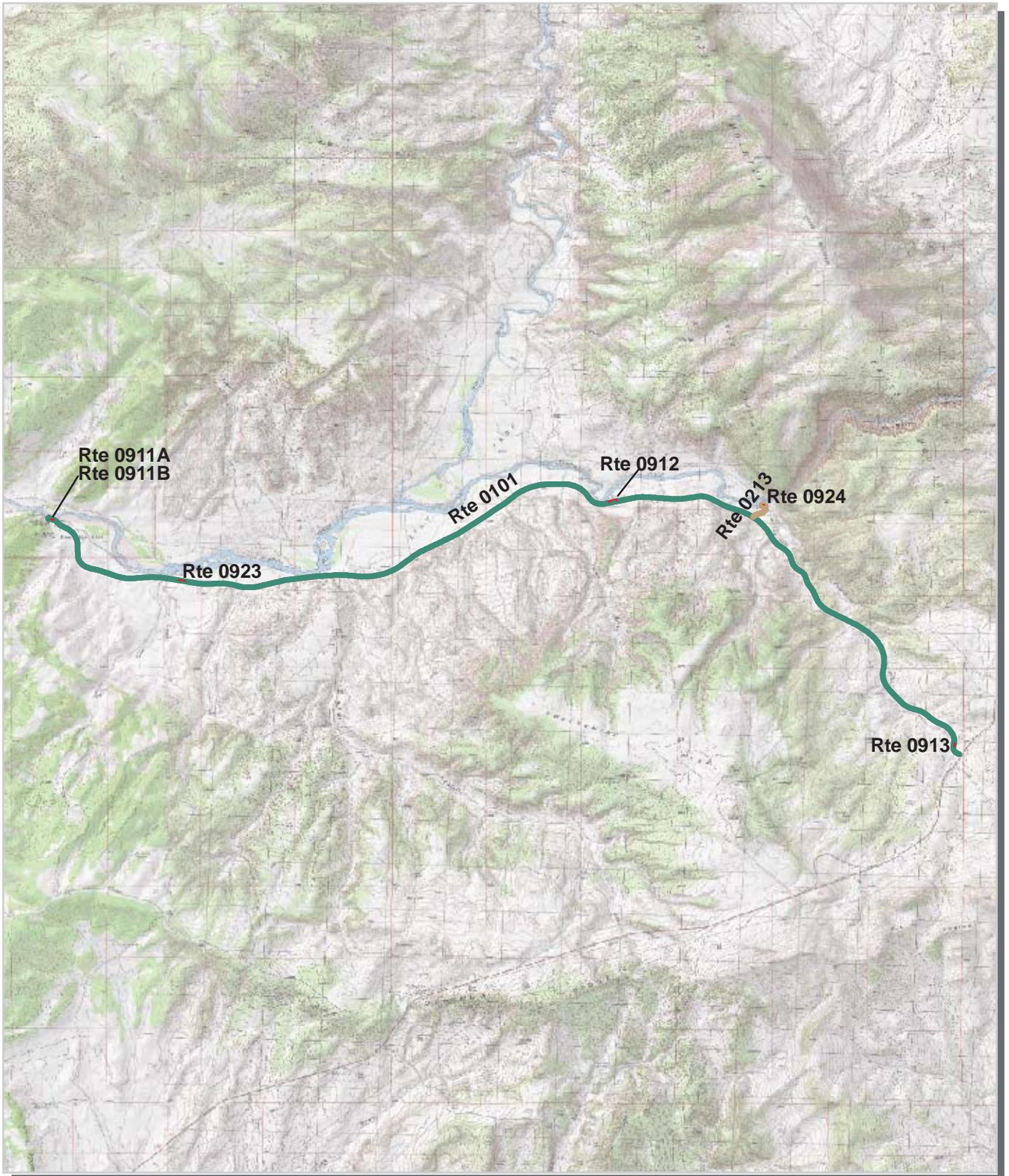
# Dinosaur National Monument Route Location Map Area 4



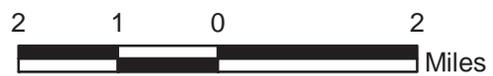
Unique colors used to differentiate routes



# Dinosaur National Monument Route Location Map Area 5



Unique colors used to differentiate routes

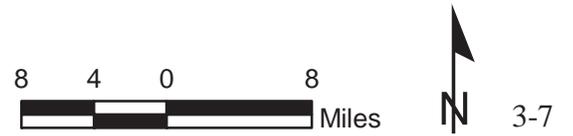
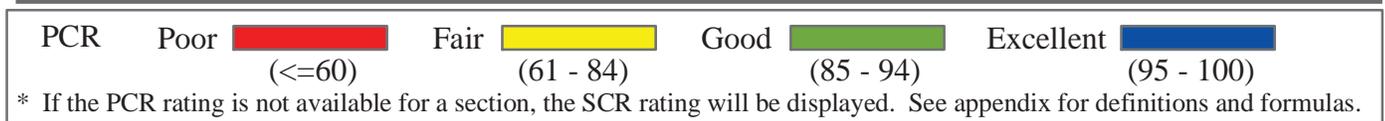
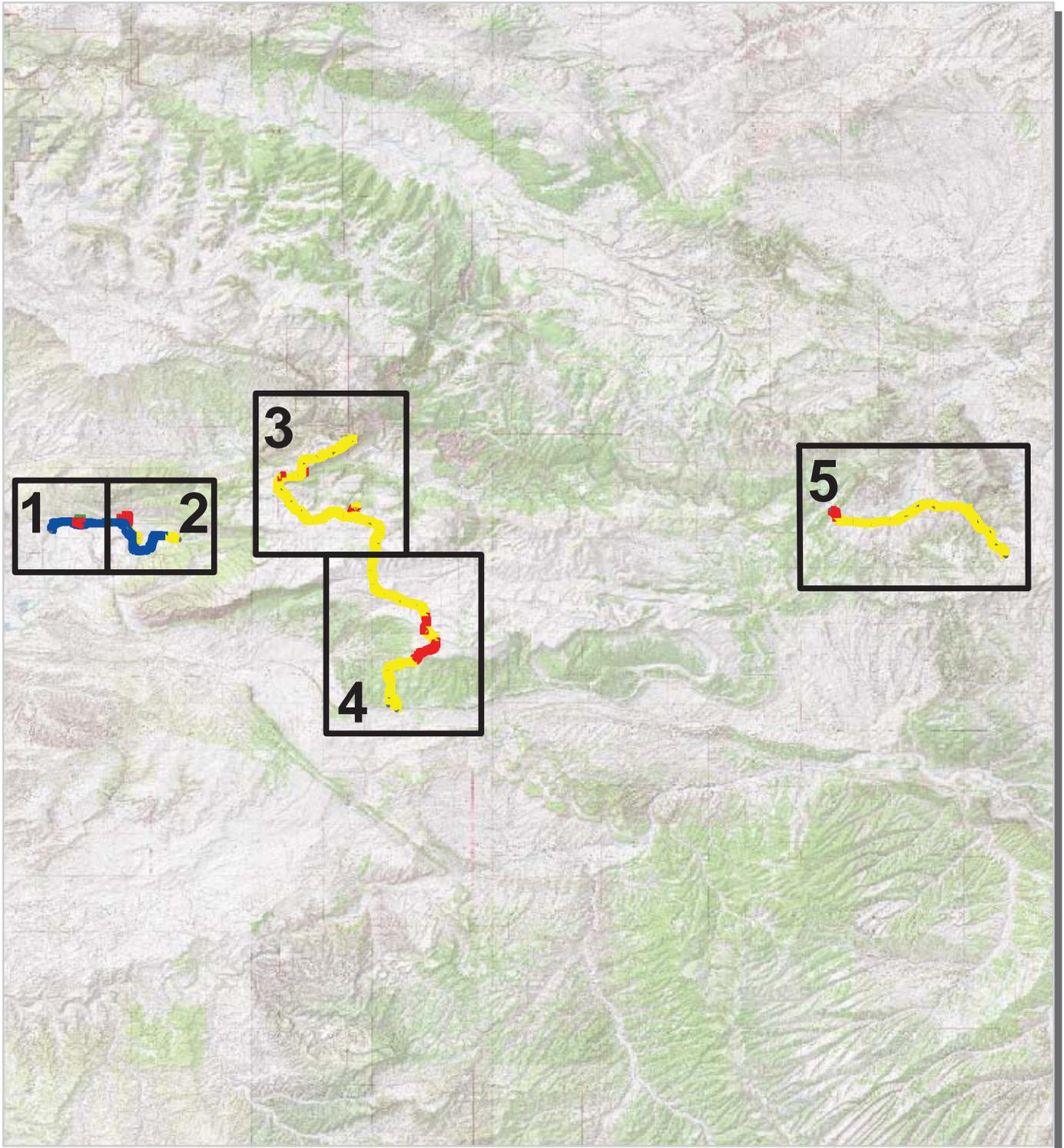


# Dinosaur National Monument

## Route Condition Map

### PCR - Mile by Mile

### Key Map

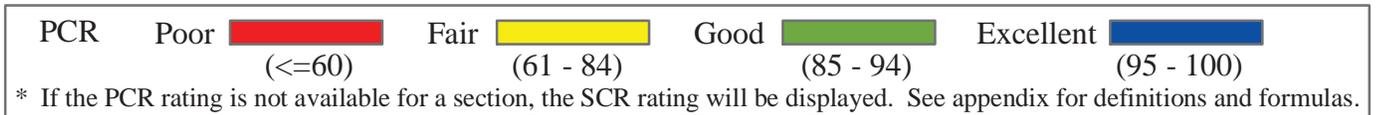
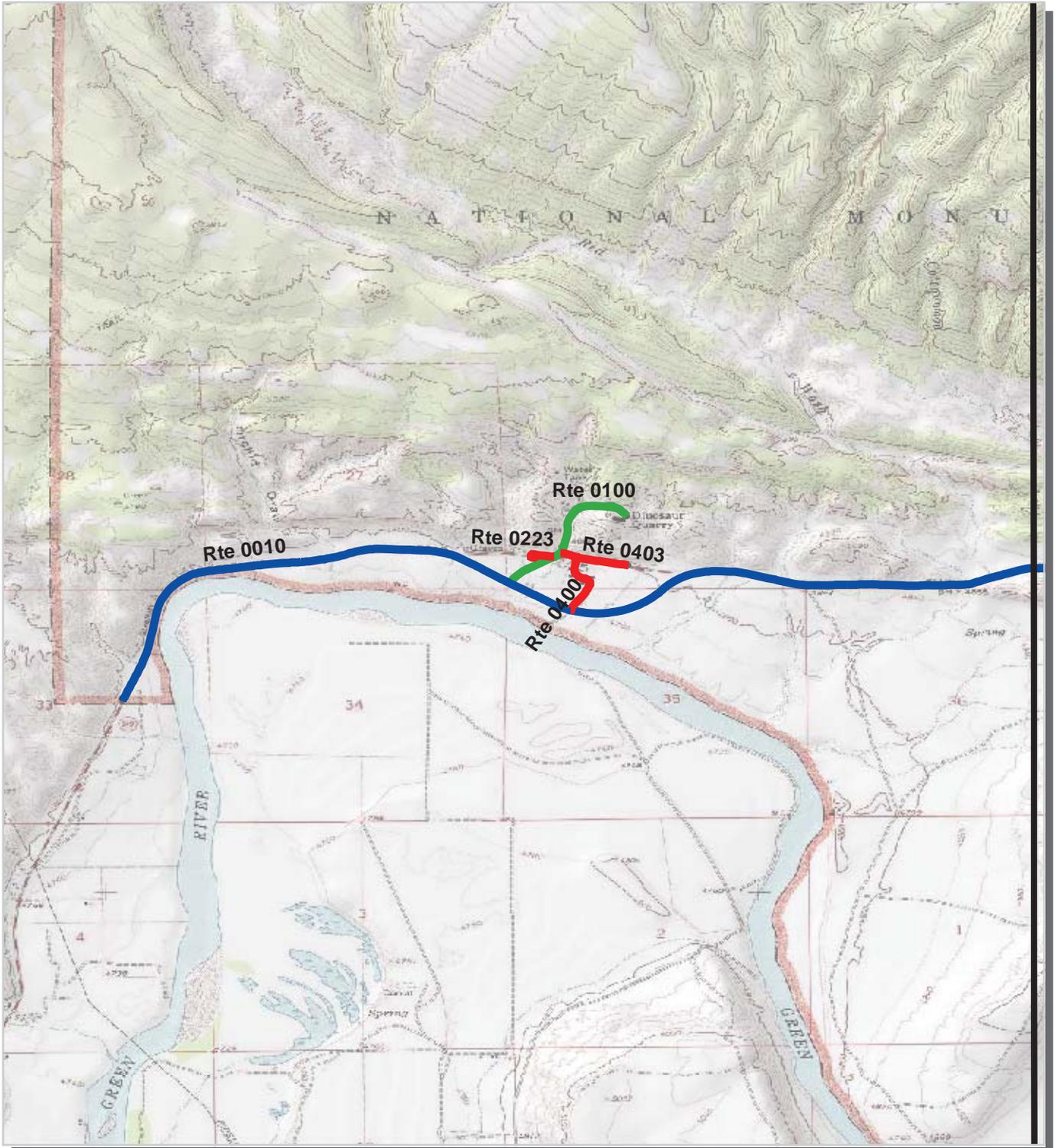


# Dinosaur National Monument

## Route Condition Map

### PCR - Mile by Mile

#### Area 1

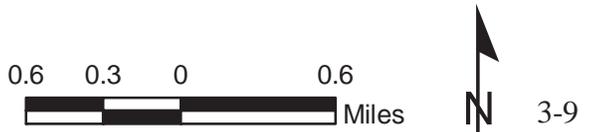
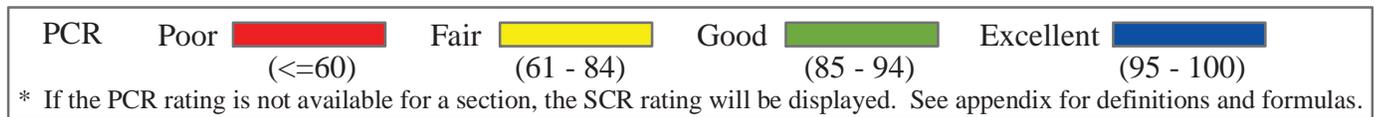
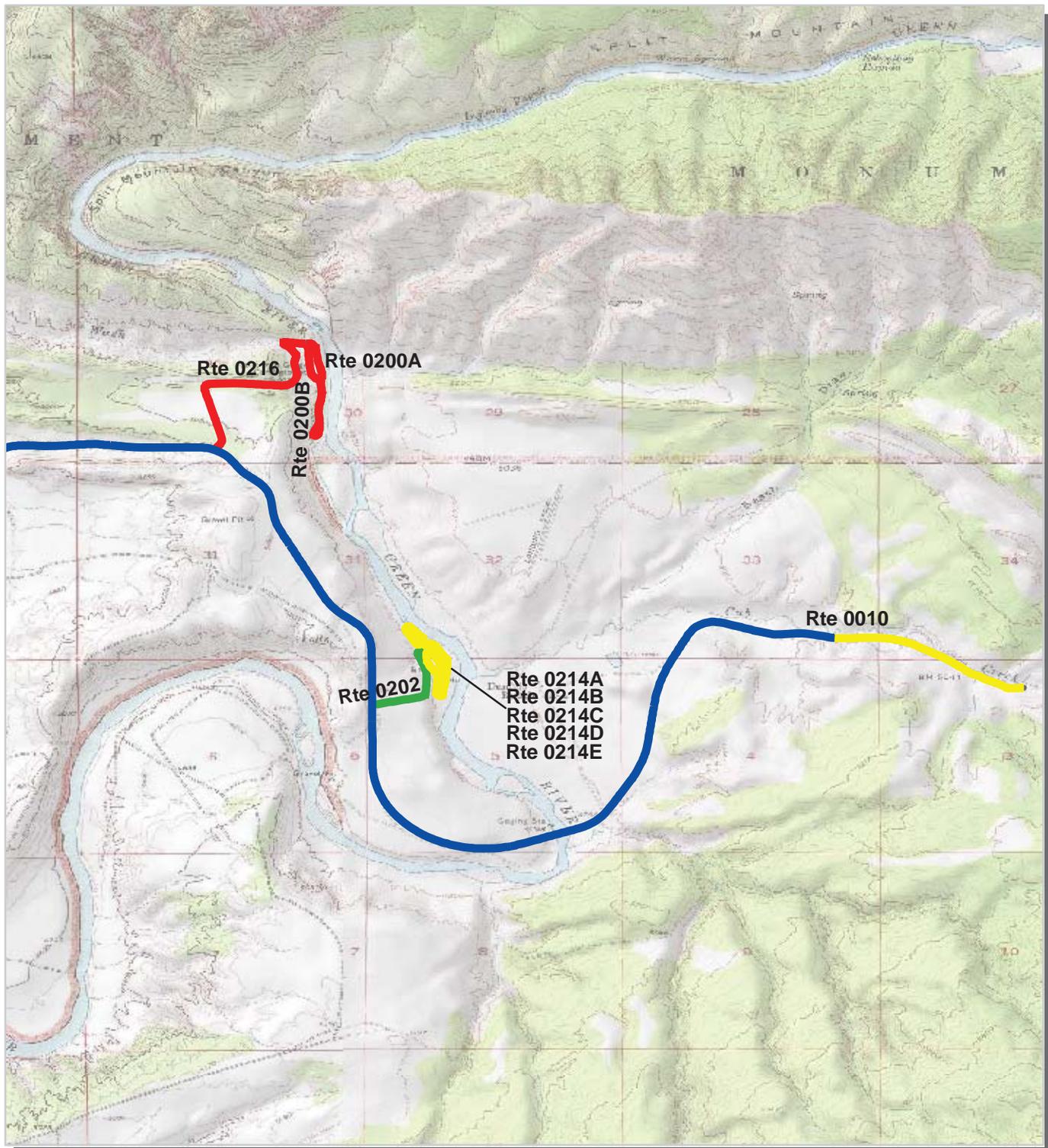


# Dinosaur National Monument

## Route Condition Map

### PCR - Mile by Mile

### Area 2

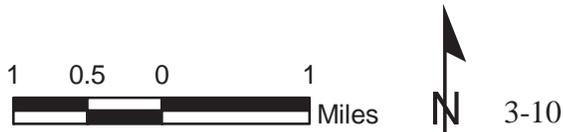
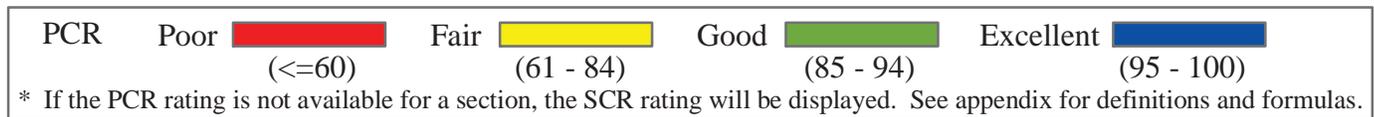
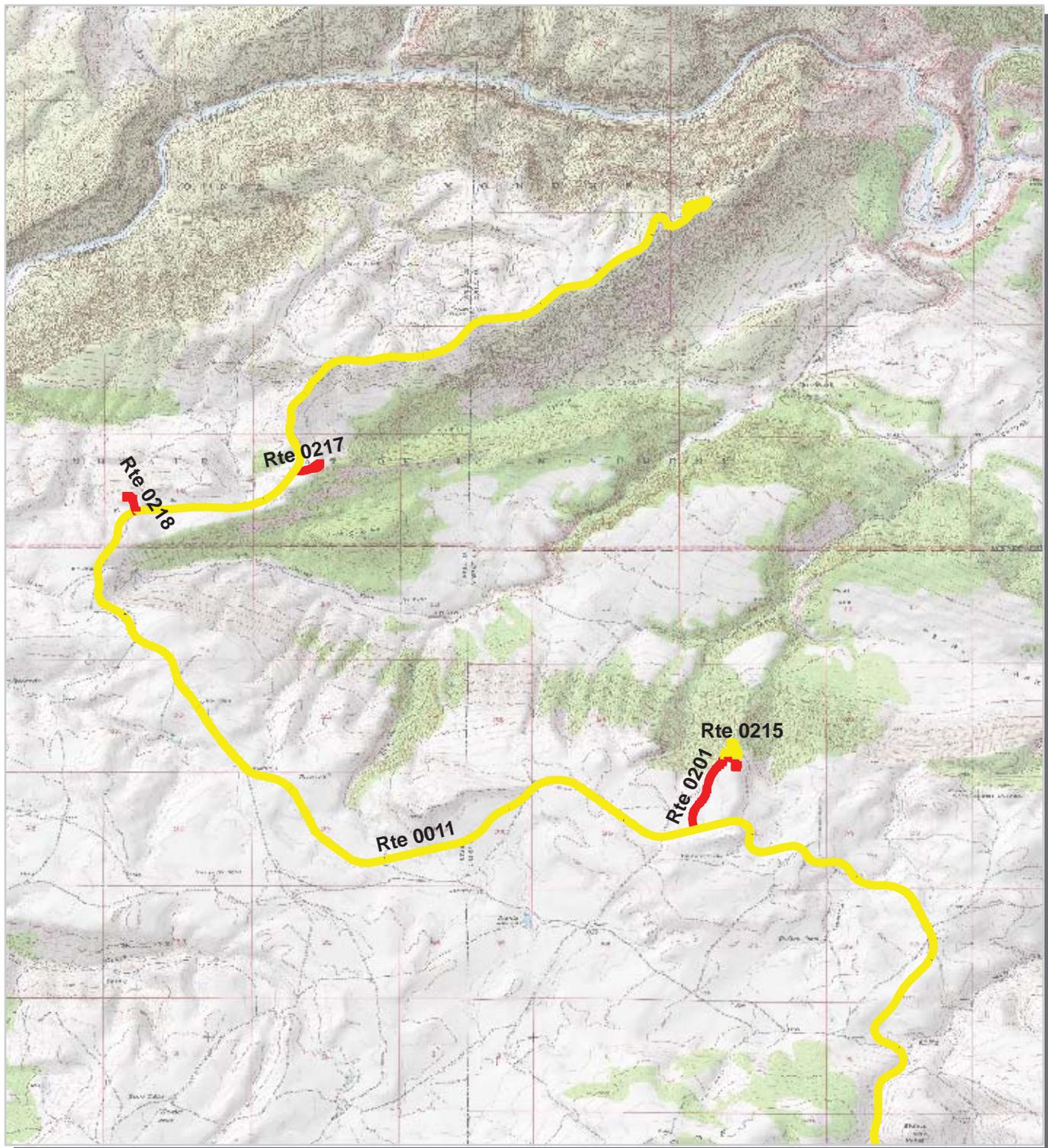


# Dinosaur National Monument

## Route Condition Map

### PCR - Mile by Mile

### Area 3

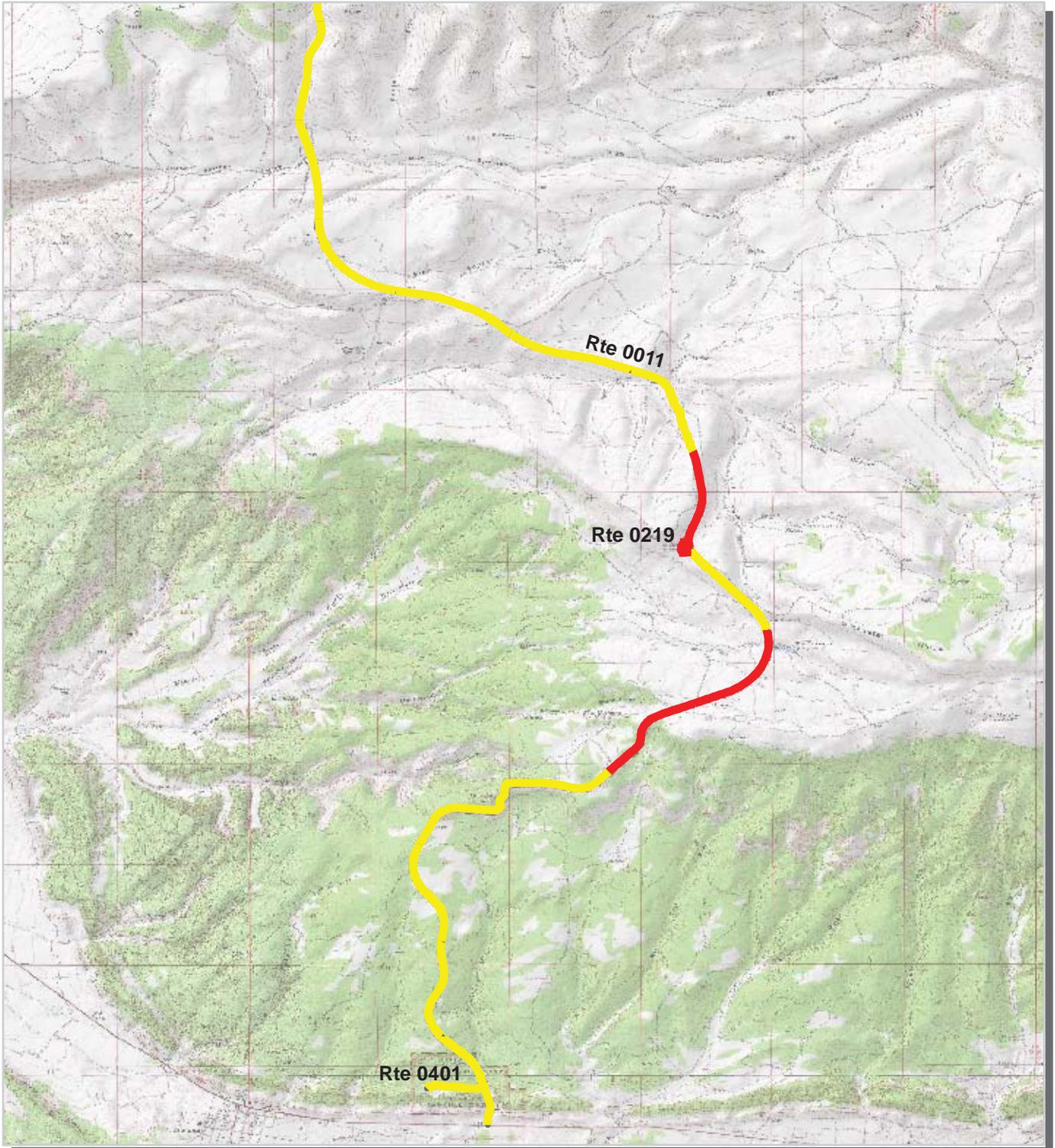


# Dinosaur National Monument

## Route Condition Map

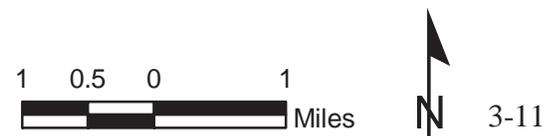
### PCR - Mile by Mile

#### Area 4

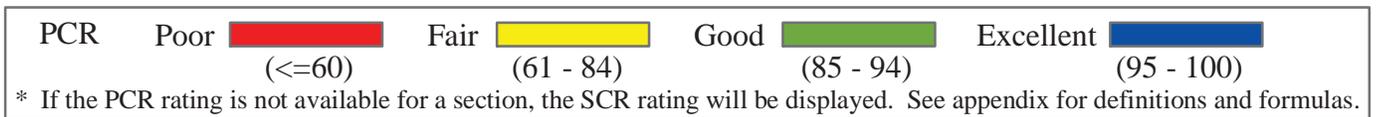
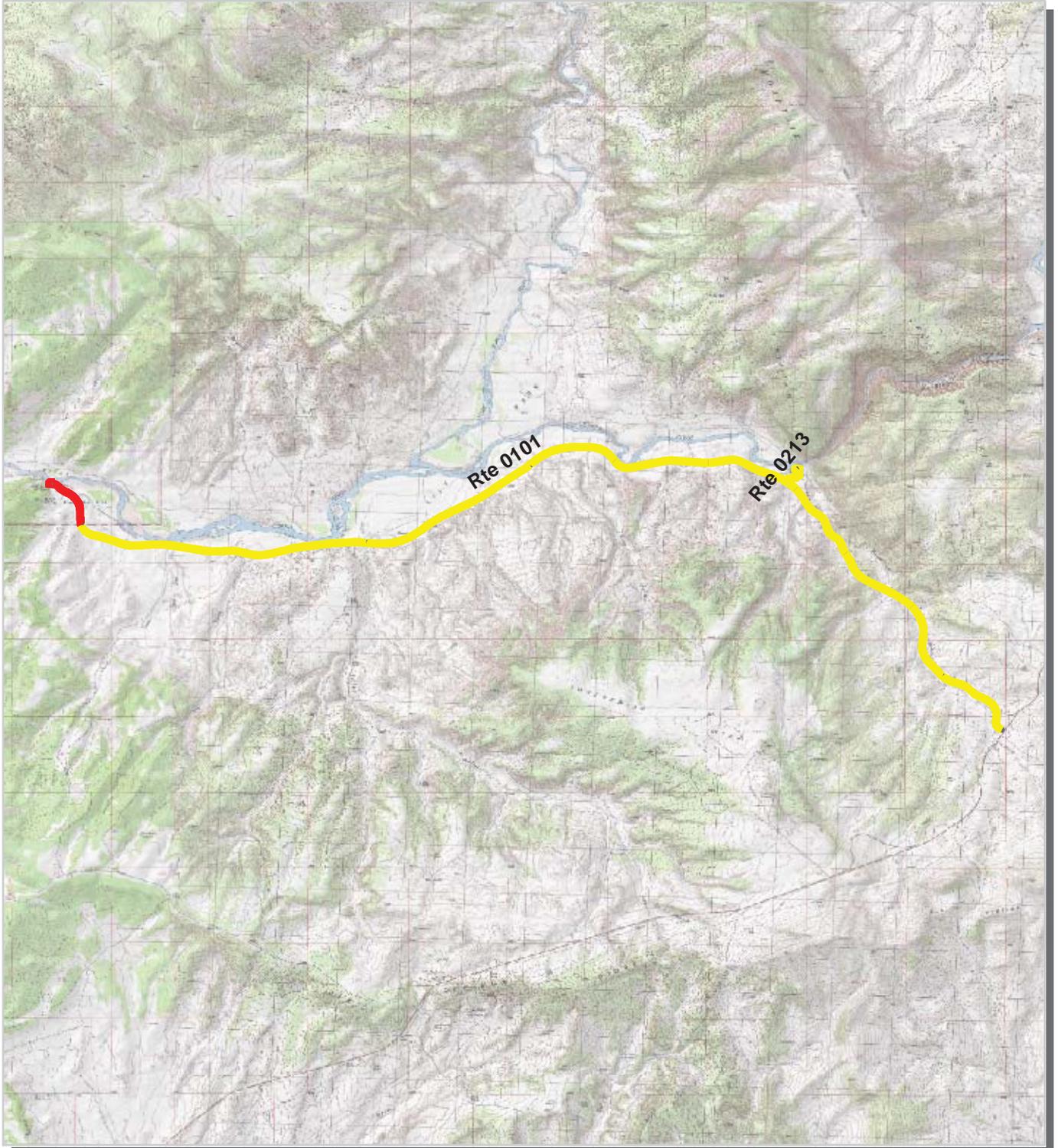


PCR	Poor	<span style="display: inline-block; width: 20px; height: 10px; background-color: red; border: 1px solid black;"></span>	Fair	<span style="display: inline-block; width: 20px; height: 10px; background-color: yellow; border: 1px solid black;"></span>	Good	<span style="display: inline-block; width: 20px; height: 10px; background-color: green; border: 1px solid black;"></span>	Excellent	<span style="display: inline-block; width: 20px; height: 10px; background-color: blue; border: 1px solid black;"></span>
	(<=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.



**Dinosaur National Monument  
Route Condition Map  
PCR - Mile by Mile  
Area 5**



# Dinosaur National Monument



## **Section 4** **Park Route Inventory**

# NPS/RIP Route ID Report

Road Inventory Program 04/23/2008

(Numerical By Route #)

Page 1 of 7

Shading Color Key:

Red text denotes  
approx. mileage

White = Paved Routes, ARAN Driven

Yellow = Unpaved Routes, ARAN not Driven

Blue = All Paved Parking Areas

Green = All Unpaved Parking Areas

Grey = Paved Routes, ARAN not Driven

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

■ = Concession Route Flag ON

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

## DINO

### DINOSAUR NATIONAL MONUMENT

Rte. No.	FMSS No.	Concess Route	Route Name	Route Description		Maint. District	Paved Miles	Un-Paved Miles	Total Route Length	Func. Class	Rte. Lanes	Manual Rated SQ/FT	Surf. Type	Area Maps
				From	To									
0010	69461		GRD MAIN ENTRANCE ROAD	FROM PARK BOUNDARY BEFORE PARK ENTRANCE SIGN	TO PAVEMENT END AT MORRIS CABIN ROAD	GREEN RIVER	9.810	0.000	9.810	1	2	0	AS	1
0011	68897		HARPERS CORNER ROAD	FROM U.S. 40	TO END OF LOOP AT HARPERS CORNER	N/A	31.880	0.000	31.880	1	2	0	AS	2
0100	68892		QUARRY ACCESS ROAD	FROM ROUTE 0010	TO ROUTE 0901	GREEN RIVER	0.620	0.000	0.620	2	2	0	AS	1
0101	68776		DEERLODGE ENTRANCE ROAD	FROM U.S. 40	TO END OF LOOP	N/A	12.730	0.000	12.730	1	2	0	AS	3
0102	68461		YAMPA BENCH ROAD	FROM ROUTE 0011 AT MP 25.52	TO SOUTH PARK BOUNDARY	N/A	0.000	33.730	33.730	2	2	0	GR	
0200A	69216		SPLIT MOUNTAIN CAMPGROUND LOOP ROAD	FROM ROUTE 0216	TO END OF LOOP	GREEN RIVER	0.400	0.000	0.400	3	1	0	AS	1
0200B	99971		SPLIT MOUNTAIN CAMPGROUND SPUR ROAD	FROM ROUTE 0200A	TO END OF LOOP	N/A	0.360	0.000	0.360	3	2	0	AS	1
0201	68492		CANYON OVERLOOK ROAD	FROM ROUTE 0011 AT MP 19.45	TO END OF LOOP	N/A	0.880	0.000	0.880	2	2	0	AS	2
0202	69126		GREEN RIVER CAMPGROUND ACCESS ROAD	FROM ROUTE 0010 AT MP 5.91	TO ROUTE 0214C	N/A	0.460	0.000	0.460	3	2	0	AS	1
0203	69066		ISLAND PARK ACCESS ROAD	FROM WEST PARK BOUNDARY	TO PURPLE RANCH	N/A	0.000	7.150	7.150	2	2	0	GR	
0204	69068		RAINBOW CAMPGROUND ROAD	FROM ROUTE 0203 AT MP 1.90	TO	N/A	0.000	0.890	0.890	4	2	0	GR	
0205	68500		LODORE ACCESS ROAD	FROM EAST PARK BOUNDARY	TO LODORE CAMPGROUND	N/A	0.000	2.260	2.260	4	2	0	GR	
0206	69043		CUB CREEK ACCESS ROAD	FROM END OF ROUTE 0010	TO MORRIS CABIN	N/A	0.000	1.500	1.500	4	2	0	GR	
0207	69057		BLUE MOUNTAIN ROAD	FROM END OF ROUTE 0010	TO BLM ADMINISTERED ROAD	N/A	0.000	1.230	1.230	4	2	0	GR	
0209	68828		PLUG HAT PICNIC AREA PARKING	FROM ROUTE 0011 AT MP 4.34	TO END OF LOOP	N/A	0.360	0.000	0.360	3	1	21,416	AS	2
0210	68391		ECHO PARK ROAD	FROM ROUTE 0102 AT MP 7.58	TO	N/A	0.000	4.360	4.360	4	2	0	GR	
0211	68798		CASTLE PARK ROAD	FROM ROUTE 0102 AT MP 15.28	TO	N/A	0.000	1.670	1.670	4	2	0	GR	
0212	68780		DEERLODGE CAMPGROUND ROAD	FROM ROUTE 0101 AT MP 12.17	TO	N/A	0.000	0.420	0.420	4	2	0	GR	

# NPS/RIP Route ID Report

Road Inventory Program 04/23/2008

(Numerical By Route #)

Page 2 of 7

Shading Color Key:

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approx. mileage

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Green = All Unpaved Parking Areas

Grey = Paved Routes, ARAN not Driven

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

■ = Concession Route Flag ON

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

## DINO

### DINOSAUR NATIONAL MONUMENT

Rte. No.	FMSS No.	Concess Route	Route Name	Route Description From To	Maint. District	Paved Miles	Un-Paved Miles	Total Route Length	Func. Class	Rte. Lanes	Manual Rated SQ/FT	Surf. Type	Area Maps
0213	68799		CROSS MOUNTAIN GORGE ROAD	FROM ROUTE 0101 AT MP 4.14 TO ROUTE 0924 AT CATTLE GUARD	N/A	0.310	0.000	0.310	3	2	0	AS	3
0214A	69130		GREEN RIVER CAMPGROUND LOOP ROAD A	FROM ROUTE 0214B TO END OF LOOP	N/A	0.250	0.000	0.250	3	1	0	AS	1
0214B	98459		GREEN RIVER CAMPGROUND LOOP ROAD B	FROM END OF ROUTE 0202 TO INTERSECTION OF ROUTES 0214C AND 0214D	N/A	0.180	0.000	0.180	3	1	0	AS	1
0214C	99446		GREEN RIVER CAMPGROUND LOOP ROAD C	FROM INTERSECTION OF ROUTE 0214B, 0214D, 0214E TO ROUTE 0214B	N/A	0.140	0.000	0.140	3	1	0	AS	1
0214D	99447		GREEN RIVER CAMPGROUND LOOP ROAD D	FROM END OF ROUTE 0214B TO ROUTE 0214C	N/A	0.180	0.000	0.180	3	1	0	AS	1
0214E	99448		GREEN RIVER CAMPGROUND LOOP ROAD E	FROM ROUTE 0214D TO END OF LOOP	N/A	0.280	0.000	0.280	3	1	0	AS	1
0215	68495		CANYON OVERLOOK LOWER ROAD	FROM ROUTE 0201 TO END OF LOOP	N/A	0.300	0.000	0.300	3	2	0	AS	2
0216	69211		SPLIT MOUNTAIN CAMPGROUND ACCESS ROAD	FROM ROUTE 0010 TO ROUTE 0200A	N/A	0.990	0.000	0.990	3	2	0	AS	1
0217	104743		IRON SPRINGS BENCH OVERLOOK ROAD	FROM ROUTE 0011 AT MP 27.32 TO END OF LOOP	N/A	0.270	0.000	0.270	2	1	0	AS	2
0218	104760		ISLAND PARK OVERLOOK ROAD	FROM ROUTE 0011 AT MP 26.09 TO END OF LOOP	N/A	0.200	0.000	0.200	2	2	0	AS	2
0219	104857		ESCALANTE OVERLOOK ROAD	FROM ROUTE 0011 AT MP 8.08 TO END OF LOOP	N/A	0.220	0.000	0.220	2	2	0	AS	2
0221	68618		PLACER POINT ACCESS ROAD	FROM TO	N/A	0.000	0.500	0.500	4	2	0	GR	
0222	68481		ROUND TOP AREA ROAD	FROM TO	N/A	0.000	0.250	0.250	4	2	0	GR	
0223	108846		LOWER VISITOR CENTER SHUTTLE BUS PICKUP ROAD	FROM ROUTE 0100 TO END OF LOOP	GREEN RIVER	0.110	0.000	0.110	6	0	0	AS	1
0400	69080		QUARRY RESIDENTIAL ROAD	FROM ROUTE 0010 TO ROUTE 0403	GREEN RIVER	0.330	0.000	0.330	6	2	0	AS	1
0401	68457		HEADQUARTERS QUARTERS ROAD	FROM ROUTE 0011 AT MP 0.37 TO END AT CULDESAC	N/A	0.450	0.000	0.450	6	2	0	AS	2
0402	68458		HEADQUARTERS QUARTERS WELL ROAD	FROM ROUTE 0401 AT MP 0.29 TO END	N/A	0.000	0.330	0.330	6	1	0	GR	

# NPS/RIP Route ID Report

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## DINO

### DINOSAUR NATIONAL MONUMENT

Rte. No.	FMSS No.	Concess Route	Route Name	Route Description From To	Maint. District	Paved Miles	Un-Paved Miles	Total Route Length	Func. Class	Rte. Lanes	Manual Rated SQ/FT	Surf. Type	Area Maps
0403	68893		WASTEWATER ROAD	FROM ROUTE 0100 TO END OF PAVEMENT	GREEN RIVER	0.180	0.170	0.350	6	2	0	AS	1
0404	69203		GR BONEYARD ACCESS ROAD	FROM ROUTE 0010 AT MP 6.23 TO END	N/A	0.000	0.590	0.590	6	2	0	GR	
0405	69055		WATER STORAGE TANK ROAD	FROM TO	N/A	0.000	0.500	0.500	6	2	0	GR	
0406	68465		ZENOBIA FIRE TOWER ROAD	FROM TO	N/A	0.000	0.250	0.250	6	2	0	GR	
0407	68782		DEER LODGE RANGER STATION ROAD	FROM TO	N/A	0.000	0.080	0.080	5	2	0	GR	
0408	68691		HEADQUARTERS SEWAGE LAGOON ROAD	FROM TO	N/A	0.000	0.330	0.330	6	2	0	GR	
0900	69047		LOWER VISITOR CENTER PARKING AREA	FROM ROUTE 0100 AT MP 0.03 TO PARKING	GREEN RIVER	0.000	0.000	0.000		0	77,283	AS	1
0901	69032		QUARRY VISITORS CENTER PARKING	AT END OF ROUTE 0100	GREEN RIVER	0.000	0.000	0.000		0	24,503	AS	1
0902	69469		GREEN RIVER CAMPGROUND OVERLOOK	ADJACENT TO ROUTE 0010 AT MP 5.625	GREEN RIVER	0.000	0.000	0.000		0	11,215	AS	1
0903	69212		SPLIT MOUNTAIN CAMPGROUND BOAT RAMP PARKING	AT END OF ROUTE 0216 TO ROUTE 0800	GREEN RIVER	0.000	0.000	0.000		0	23,281	AS	1
0904A	68795		HEADQUARTERS PARKING AREA A	ADJACENT TO ROUTE 0011 AT MP 0.04	N/A	0.000	0.000	0.000		0	17,310	AS	2
0904B	68795		HEADQUARTERS PARKING AREA B	ADJACENT TO ROUTE 0011 AT MP 0.06	N/A	0.000	0.000	0.000		0	3,192	AS	2
0905	68812		SUNRISE PARKING AREA	FROM ROUTE 0011 AT MP 3.74	N/A	0.000	0.000	0.000		0	7,890	AS	2
0906	68488		ESCALANTE OVERLOOK PARKING AREA	ADJACENT TO ROUTE 0219	N/A	0.000	0.000	0.000		0	6,333	AS	2
0907	68815		PARKING "CENTER OF THE UNIVERSE"	ADJACENT TO ROUTE 0011 AT MP 25.15	N/A	0.000	0.000	0.000		0	11,031	AS	2
0908	68508		ISLAND PARK OVERLOOK PARKING AREA	ADJACENT TO ROUTE 0218	N/A	0.000	0.000	0.000		0	6,482	AS	2
0909A	68510		IRON SPRINGS BENCH PARKING AREA A	ADJACENT TO ROUTE 0217	N/A	0.000	0.000	0.000		0	4,420	AS	2
0909B	104921		IRON SPRINGS BENCH PARKING AREA B	ADJACENT TO ROUTE 0217	N/A	0.000	0.000	0.000		0	2,826	AS	2

# NPS/RIP Route ID Report

Road Inventory Program 04/23/2008

(Numerical By Route #)

Page 4 of 7

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## DINO

### DINOSAUR NATIONAL MONUMENT

Rte. No.	FMSS No.	Concess Route	Route Name	Route Description From To	Maint. District	Paved Miles	Un-Paved Miles	Total Route Length	Func. Class	Rte. Lanes	Manual Rated SQ/FT	Surf. Type	Area Maps
0910	68521		ECHO PARK OVERLOOK PARKING AREA	ADJACENT TO ROUTE 0011 AT MP 30.42	N/A	0.000	0.000	0.000		0	12,483	AS	2
0911A	68816		DEERLODGE ENTRANCE ROAD PARKING A	ADJACENT TO ROUTE 0101 AT MP 12.66 ON RIGHT	N/A	0.000	0.000	0.000		0	2,625	AS	3
0911B	104931		DEERLODGE ENTRANCE ROAD PARKING B	ADJACENT TO ROUTE 0101 AT MP 12.65 ON LEFT	N/A	0.000	0.000	0.000		0	2,782	AS	3
0912	68818		DEERLODGE ROAD NEEDLE PARKING AREA	ADJACENT TO ROUTE 0101 AT MP 5.66	N/A	0.000	0.000	0.000		0	21,221	AS	3
0913	68819		DEERLODGE INFORMATION KIOSK PARKING AREA	ADJACENT TO ROUTE 0101 AT MP 0.13	N/A	0.000	0.000	0.000		0	9,812	AS	3
0914	68825		QUARRY VISITOR CENTER MIDDLE PARKING LOT	ADJACENT TO ROUTE 0100	N/A	0.000	0.000	0.000		0	15,506	AS	1
0915	68806		QUARRY EMPLOYEE PARKING	ADJACENT TO ROUTE 0403	GREEN RIVER	0.000	0.000	0.000		0	6,652	AS	1
0916A	68371		HARPERS CORNER PARKING AREA A	ADJACENT TO ROUTE 0011 AT MP 31.64, ON RIGHT	N/A	0.000	0.000	0.000		0	13,264	AS	2
0916B	104944		HARPERS CORNER PARKING AREA B	ADJACENT TO ROUTE 0011 AT MP 31.67, ON LEFT	N/A	0.000	0.000	0.000		0	5,881	AS	2
0917	68802		QUARRY MAINTENANCE AREA	ADJACENT TO ROUTE 0400 AND ROUTE 0403	GREEN RIVER	0.000	0.000	0.000		0	28,275	AS	1
0918	68793		YAMPA MAINTENANCE PARKING AREA	ADJACENT TO ROUTE 0011 AT MP 0.14	N/A	0.000	0.000	0.000		0	66,950	AS	2
0919A	68494		CANYON OVERLOOK PARKING AREA A	ADJACENT TO ROUTE 0201	N/A	0.000	0.000	0.000		0	3,352	AS	2
0919B	104947		CANYON OVERLOOK PARKING AREA B	ADJACENT TO ROUTE 0201	N/A	0.000	0.000	0.000		0	1,185	AS	2
0920	68496		CANYON OVERLOOK LOWER ROAD PARKING AREA	ADJACENT TO ROUTE 0215	N/A	0.000	0.000	0.000		0	4,937	AS	2
0921	69088		GRD SEASONAL HOUSING PARKING	ADJACENT TO ROUTE 0400	N/A	0.000	0.000	0.000		0	4,782	AS	1
0922A	104951		HEADQUARTERS QUARTERS PARKING AREA A	ADJACENT TO ROUTE 0401 ON LEFT	N/A	0.000	0.000	0.000		0	5,802	AS	2
0922B	104958		HEADQUARTERS QUARTERS PARKING AREA B	ADJACENT TO ROUTE 0401 ON RIGHT	N/A	0.000	0.000	0.000		0	1,121	AS	2





# NPS/RIP Route ID Report

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## General Park Road Functional Classification Table

- Class 1** Principal Park Road/Rural Parkway (Public Roads) Roads which constitute the main access route, circulatory tour, or thoroughfare for park visitors. Route Numbers 1 - 99. Note: Rural parkways (e.g. Natchez Trace) are numbered 1 - 9. State Routes Inventoried for Park. Route Numbers 5000-5999
- Class 2** Connector Park Road (Public Roads) - Roads which provide access within a park to areas of scenic, scientific, recreational or cultural interest, such as overlooks, campgrounds, etc. Route Numbers 100-199.
- Class 3** Special Purpose Park Road (Public Roads) - Roads which provide circulation within public areas, such as campgrounds, picnic areas, visitor center complexes, concessionaire facilities, etc. These roads generally serve low-speed traffic and are often designed for one-way circulation. Route Numbers 200-299.
- Class 4** Primitive Park Roads (Public Roads) - Roads which provide circulation through remote areas and/or access to primitive campgrounds and undeveloped areas. These roads frequently have no minimum design standards and their use may be limited to specially equipped vehicles. Route Numbers 200-299.  
Note: Functional Classes 3 and 4 have the same route numbers because, historically, they were numbered similarly.
- Class 5** Administrative Access Road (Administrative Roads) - All public roads intended for access to administrative developments or structures such as park offices, employee quarters, or utility areas. Route Numbers 400-499.
- Class 6** Restricted Road (Administrative Roads) - All roads normally closed to the public, including patrol roads, truck trails, and other similar roads. Route Numbers 400-499.  
Note: Functional Classes 5 and 6 have the same route numbers because historically they were numbered similarly and often there is little distinction between these routes. For example, because utility areas and employee housing are often closed to the public, this restriction would result in classification of FC 6 rather than FC 5.
- Class 7** Urban Parkway (Urban Parkways and City Streets) - These facilities serve high volumes of park and non-park related traffic and are restricted, limited-access facilities in an urban area. This category of roads primarily encompasses the major parkways which serve as gateways to our nation's capital. Other major park roads or portions thereof, however, may be included in this category. Route Numbers 1-9.
- Class 8** City Streets (Urban Parkways and City Streets) - City streets are usually extensions of the adjoining street system that are owned and maintained by the National Park Service. The construction and/or reconstruction should conform with accepted local engineering practice and local conditions. Route Numbers 600-699.

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

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

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

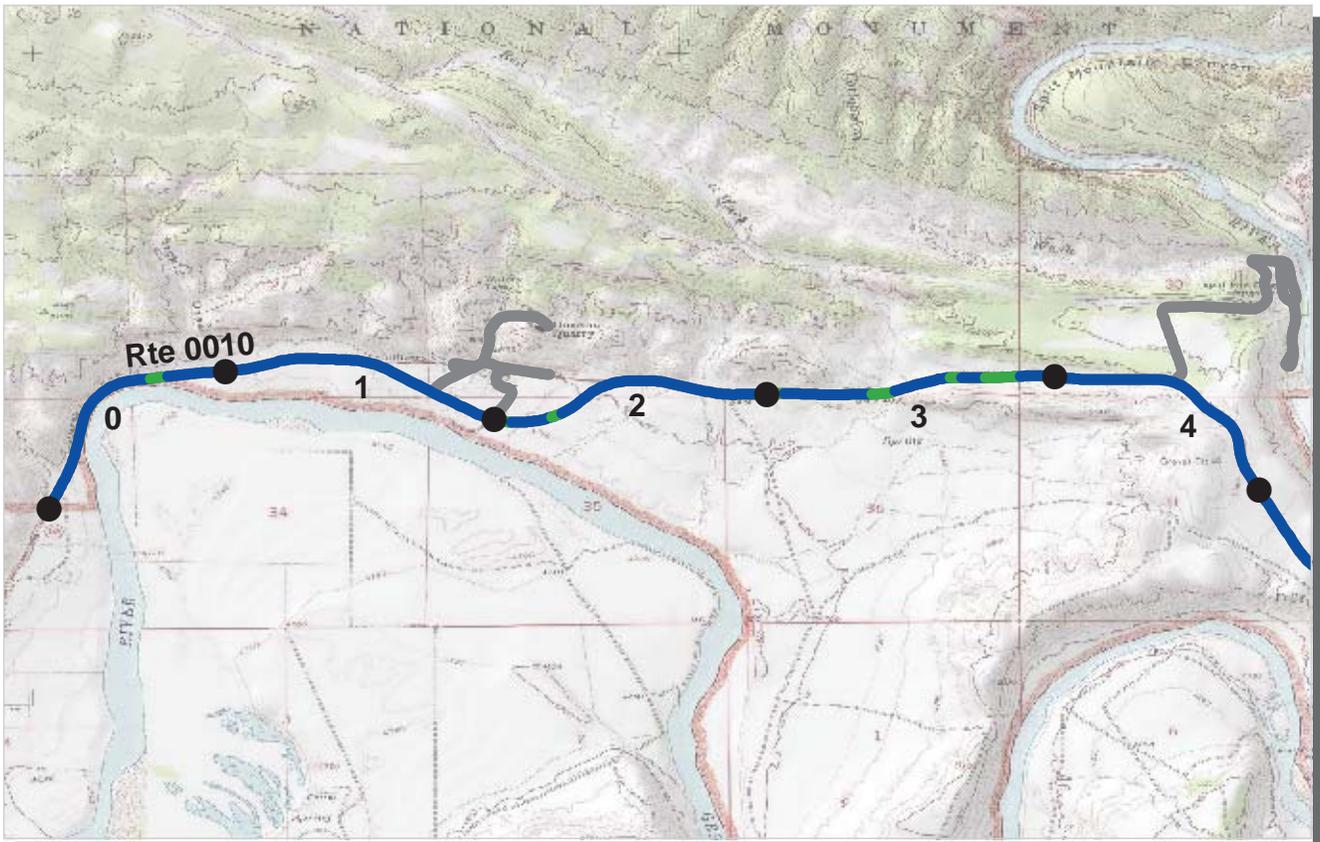
## Surface Type Abbreviations:

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

# Dinosaur National Monument



## **Section 5** **Paved Route Condition Rating Sheets** **(CRS)**



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.

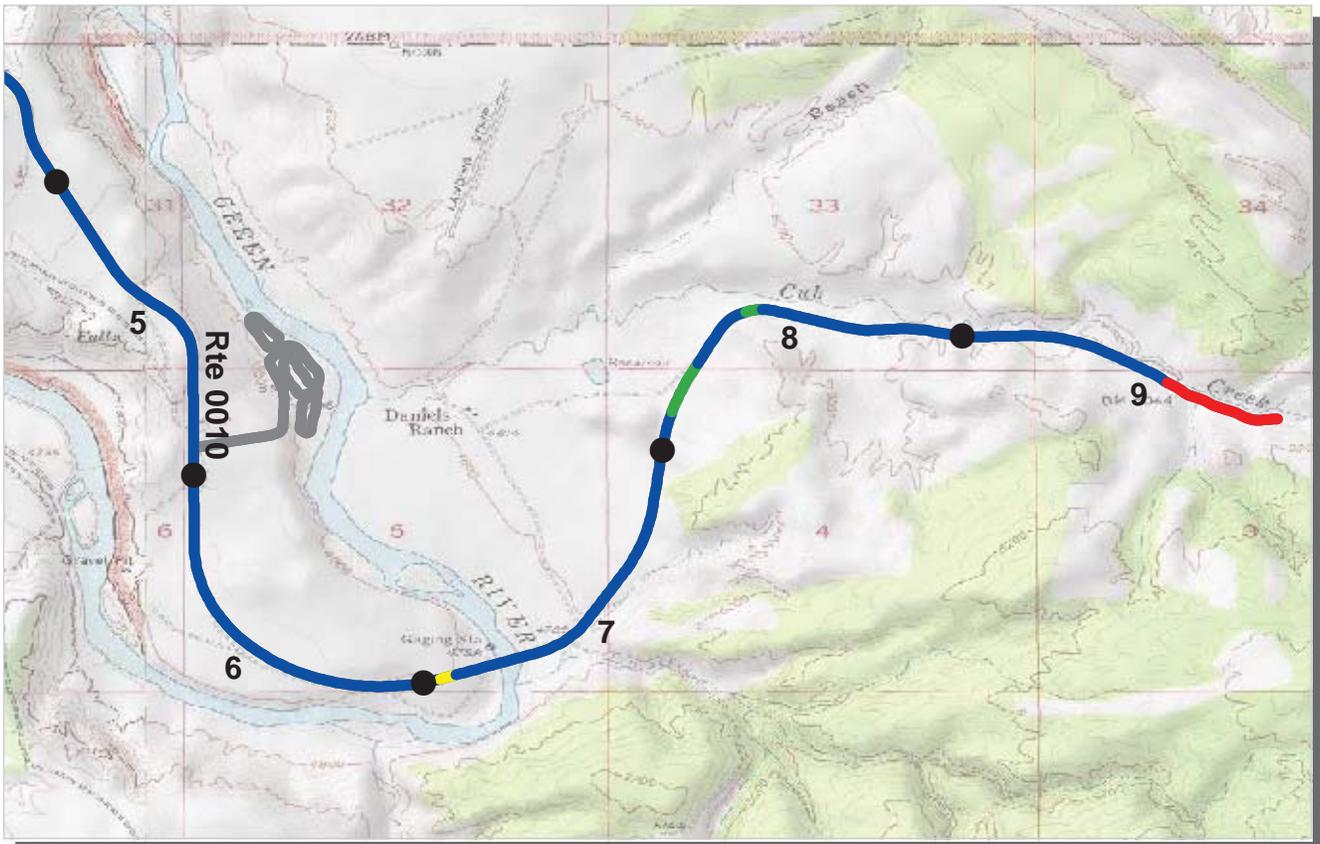
**INTERMOUNTAIN REGION**  
**DINO : DINOSAUR NATIONAL MONUMENT**

**ROUTE: 0010 GRD MAIN ENTRANCE ROAD** **TOTAL LENGTH: 9.81 Miles**

Section Number	0	1	2	3	4
Section Length (mi)	1.00	1.00	1.00	1.00	1.00
<b>Traffic</b>	Traffic data may be found at <a href="http://www.efl.fhwa.dot.gov">www.efl.fhwa.dot.gov</a> Click on PROGRAMS / NPS Traffic Data (Note: Not all parks have traffic data)				
<b>Cross Section Information</b>					
Number of Lanes	2	2	2	2	2
Paved Width (ft)	26	25	27	26	26
Lane Width (ft)	10	10	11	10	10
Shoulder Width Right (ft)**	5	5	7	9	12
Shoulder Width Left (ft)**	10	7	7	7	5
<b>Roadway Condition Information</b>					
SCR (Surface Condition Rating)	95	96	97	94	97
PCR (Pavement Condition Rating)	96	97	98	96	98
<b>Distress Index Values</b>					
Alligator Cracking Index	100	100	100	100	100
Longitudinal Cracking Index	100	100	100	100	100
Transverse Cracking Index	100	100	100	100	100
Patching Index	100	100	100	100	100
Rutting Index	95	96	97	94	97
Roughness Condition Index (RCI)	99	99	100	100	100

**ROUTE: 0010 GRD MAIN ENTRANCE ROAD**

\*\* Shoulder widths are measured from video at 0.50 mile intervals along route tangents. Visibility of actual shoulders in video images may affect accuracy of measured shoulder widths.



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**  
**DINO : DINOSAUR NATIONAL MONUMENT**

**ROUTE: 0010 GRD MAIN ENTRANCE ROAD** **TOTAL LENGTH: 9.81 Miles**

Section Number	5	6	7	8	9
Section Length (mi)	1.00	1.00	1.00	1.00	0.81
<b>Traffic</b>	Traffic data may be found at <a href="http://www.efl.fhwa.dot.gov">www.efl.fhwa.dot.gov</a> Click on PROGRAMS / NPS Traffic Data (Note: Not all parks have traffic data)				
<b>Cross Section Information</b>					
Number of Lanes	2	2	2	2	2
Paved Width (ft)	26	31	27	37	31
Lane Width (ft)	10	10	10	11	10
Shoulder Width Right (ft)**	7	6	6	8	8
Shoulder Width Left (ft)**	12	9	6	6	6
<b>Roadway Condition Information</b>					
SCR (Surface Condition Rating)	98	99	98	96	67
PCR (Pavement Condition Rating)	99	99	98	97	69
<b>Distress Index Values</b>					
Alligator Cracking Index	100	100	100	100	89
Longitudinal Cracking Index	100	100	100	100	97
Transverse Cracking Index	100	100	100	100	93
Patching Index	100	100	100	100	100
Rutting Index	98	99	98	96	85
Roughness Condition Index (RCI)	100	100	97	99	71

**ROUTE: 0010 GRD MAIN ENTRANCE ROAD**

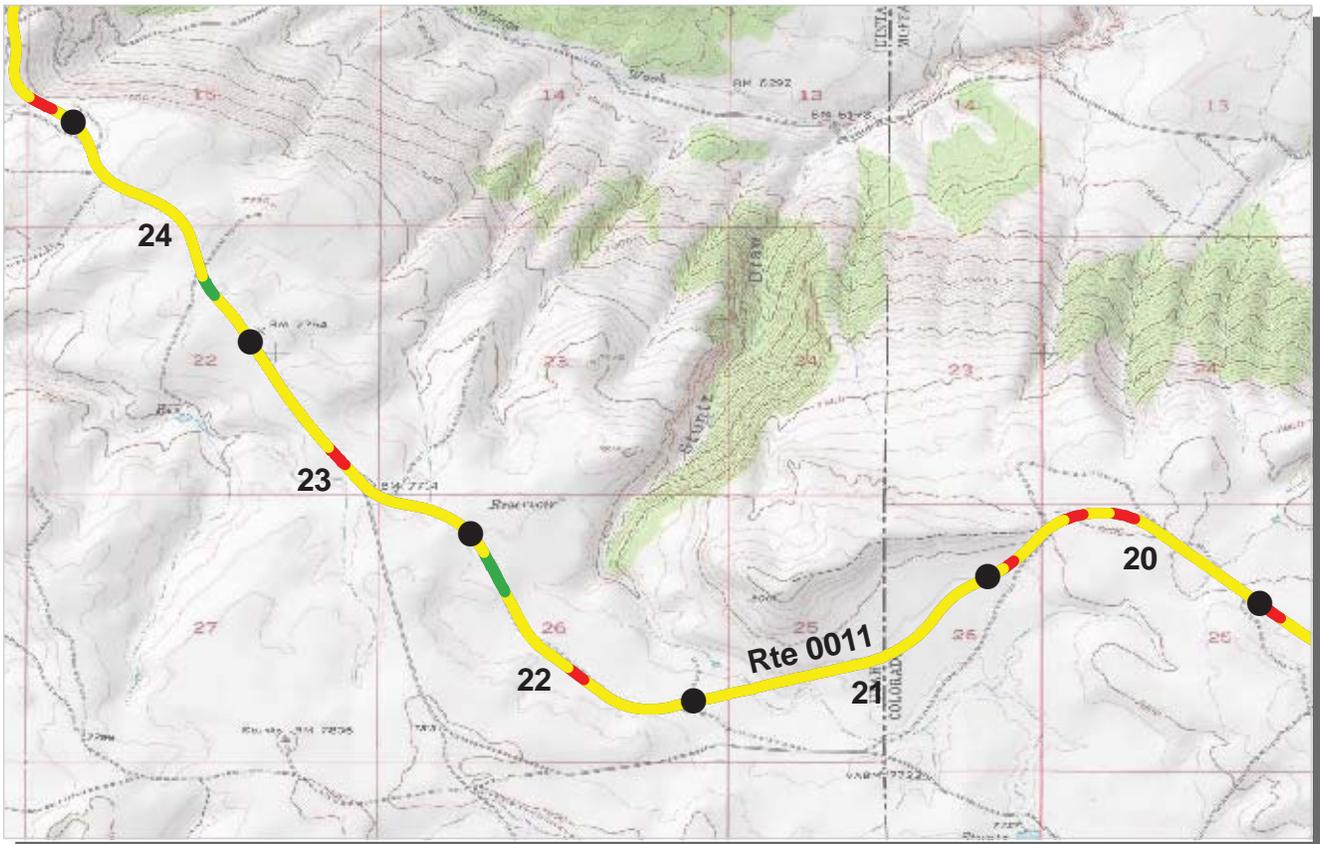
\*\* Shoulder widths are measured from video at 0.50 mile intervals along route tangents. Visibility of actual shoulders in video images may affect accuracy of measured shoulder widths.











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**  
**DINO : DINOSAUR NATIONAL MONUMENT**

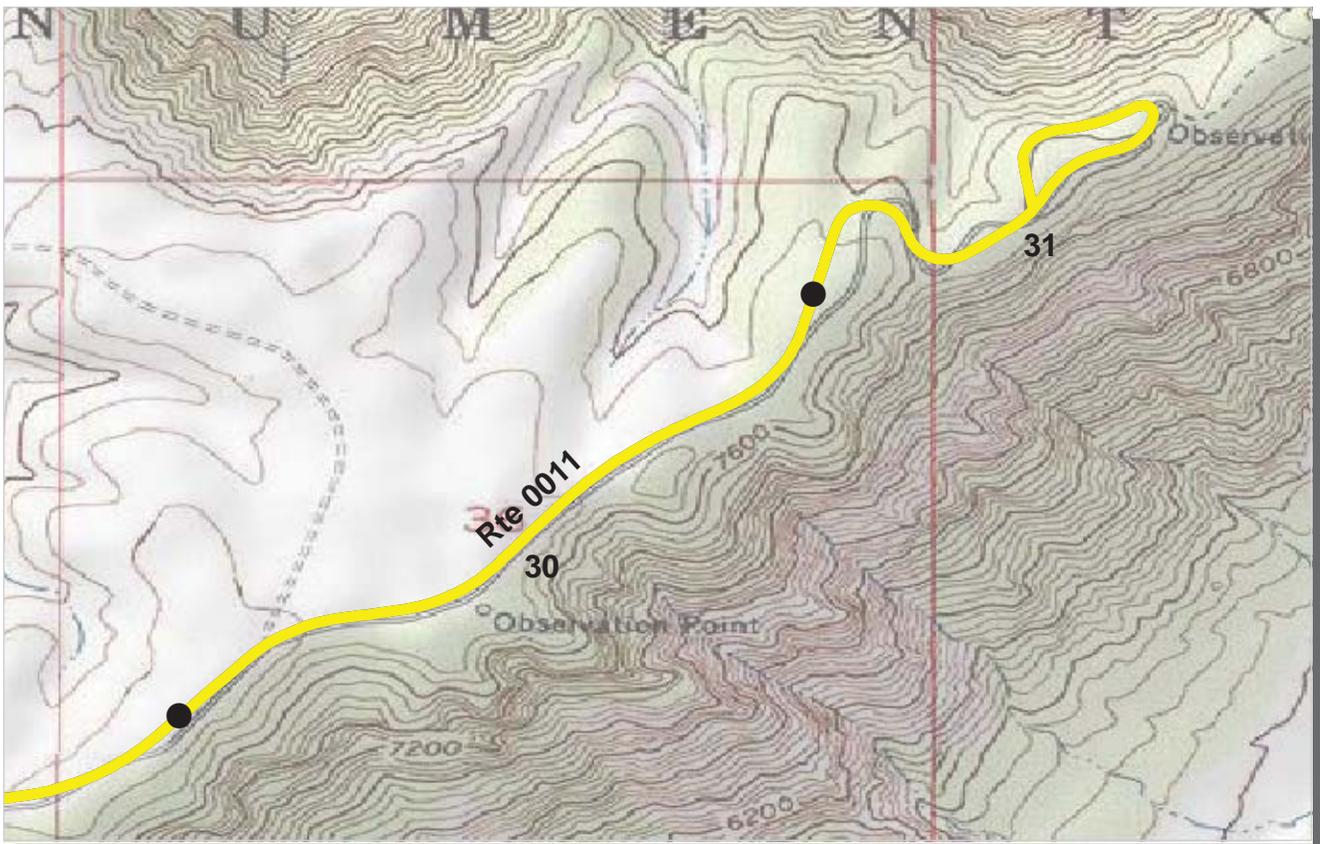
**ROUTE: 0011 HARPERS CORNER ROAD** **TOTAL LENGTH: 31.88 Miles**

Section Number	20	21	22	23	24
Section Length (mi)	1.00	1.00	1.00	1.00	1.00
<b>Traffic</b>	Traffic data may be found at <a href="http://www.efl.fhwa.dot.gov">www.efl.fhwa.dot.gov</a> Click on PROGRAMS / NPS Traffic Data (Note: Not all parks have traffic data)				
<b>Cross Section Information</b>					
Number of Lanes	2	2	2	2	2
Paved Width (ft)	29	24	22	22	31
Lane Width (ft)	11	11	10	9	9
Shoulder Width Right (ft)**	5	7	6	6	10
Shoulder Width Left (ft)**	7	6	9	8	7
<b>Roadway Condition Information</b>					
SCR (Surface Condition Rating)	60	64	64	65	64
PCR (Pavement Condition Rating)	68	76	71	73	76
<b>Distress Index Values</b>					
Alligator Cracking Index	100	100	100	100	100
Longitudinal Cracking Index	100	99	99	99	99
Transverse Cracking Index	100	99	99	100	100
Patching Index	100	100	100	100	100
Rutting Index	61	65	67	65	65
Roughness Condition Index (RCI)	78	93	83	84	94

**ROUTE: 0011 HARPERS CORNER ROAD**

\*\* Shoulder widths are measured from video at 0.50 mile intervals along route tangents. Visibility of actual shoulders in video images may affect accuracy of measured shoulder widths.





PCR	Poor	<span style="display:inline-block; width:15px; height:15px; background-color:red;"></span>	Fair	<span style="display:inline-block; width:15px; height:15px; background-color:yellow;"></span>	Good	<span style="display:inline-block; width:15px; height:15px; background-color:green;"></span>	Excellent	<span style="display:inline-block; width:15px; height:15px; background-color:blue;"></span>
		(≤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.

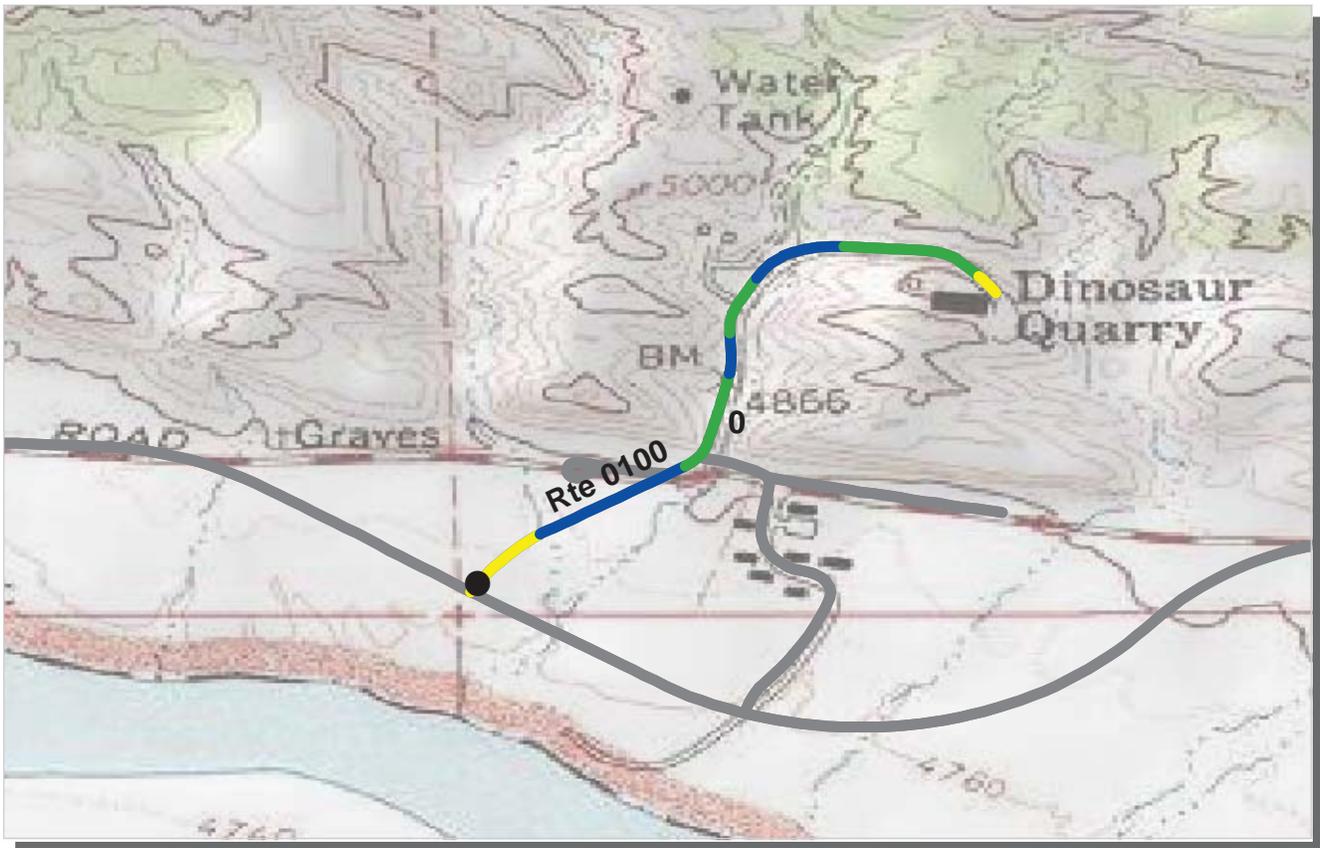
**INTERMOUNTAIN REGION**  
**DINO : DINOSAUR NATIONAL MONUMENT**

**ROUTE: 0011 HARPERS CORNER ROAD** **TOTAL LENGTH: 31.88 Miles**

Section Number	30	31			
Section Length (mi)	1.00	0.88			
<b>Traffic</b>	Traffic data may be found at <a href="http://www.efl.fhwa.dot.gov">www.efl.fhwa.dot.gov</a> Click on PROGRAMS / NPS Traffic Data (Note: Not all parks have traffic data)				
<b>Cross Section Information</b>					
Number of Lanes	2	2			
Paved Width (ft)	21	22			
Lane Width (ft)	10	10			
Shoulder Width Right (ft)**	5	5			
Shoulder Width Left (ft)**	6	8			
<b>Roadway Condition Information</b>					
SCR (Surface Condition Rating)	64	64			
PCR (Pavement Condition Rating)	78	72			
<b>Distress Index Values</b>					
Alligator Cracking Index	100	100			
Longitudinal Cracking Index	100	100			
Transverse Cracking Index	100	100			
Patching Index	100	100			
Rutting Index	65	65			
Roughness Condition Index (RCI)	97	85			

**ROUTE: 0011 HARPERS CORNER ROAD**

\*\* Shoulder widths are measured from video at 0.50 mile intervals along route tangents. Visibility of actual shoulders in video images may affect accuracy of measured shoulder widths.



PCR	Poor	<span style="display:inline-block; width:15px; height:15px; background-color:red;"></span>	Fair	<span style="display:inline-block; width:15px; height:15px; background-color:yellow;"></span>	Good	<span style="display:inline-block; width:15px; height:15px; background-color:green;"></span>	Excellent	<span style="display:inline-block; width:15px; height:15px; background-color:blue;"></span>
		(≤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.

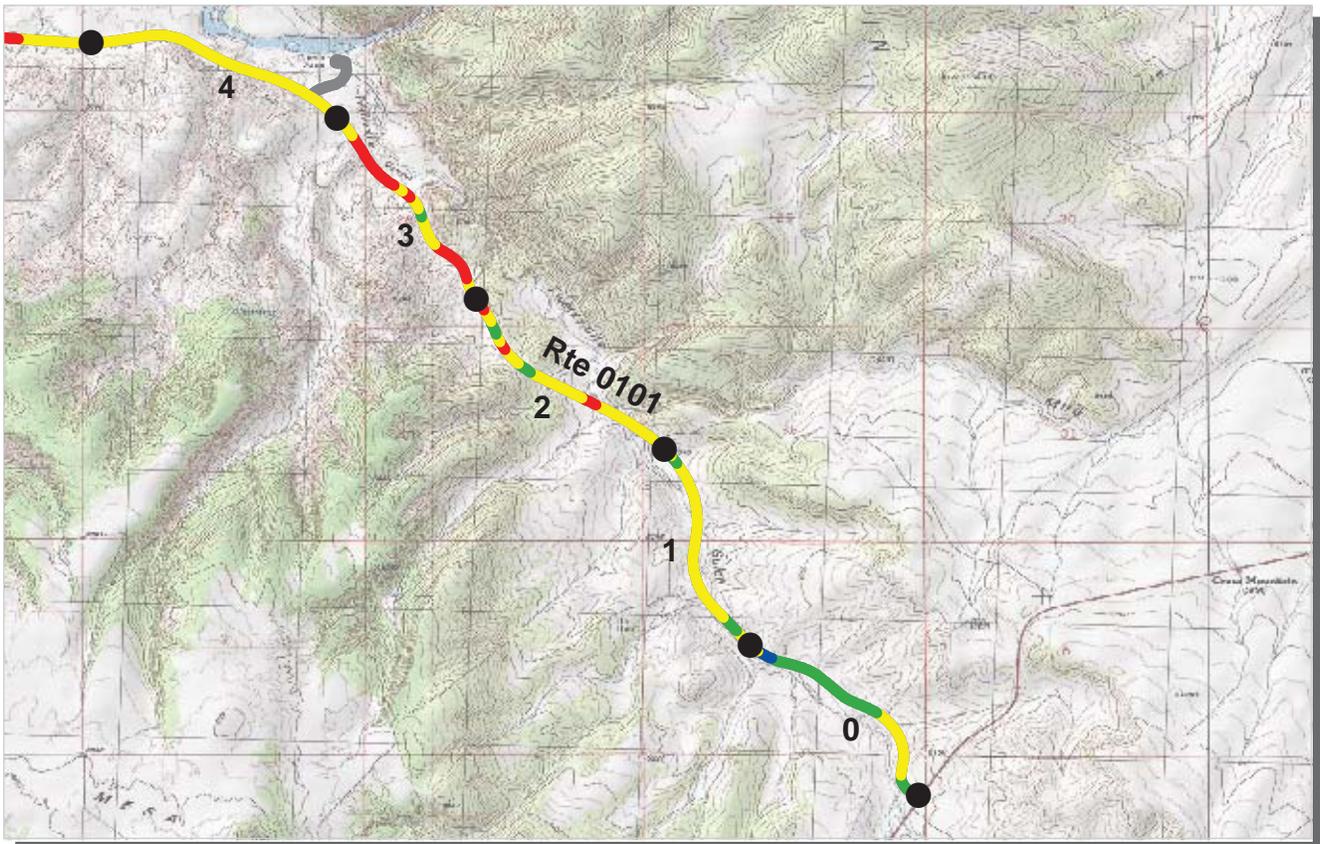
**INTERMOUNTAIN REGION  
DINO : DINOSAUR NATIONAL MONUMENT**

**ROUTE: 0100 QUARRY ACCESS ROAD** **TOTAL LENGTH: 0.62 Miles**

<b>Section Number</b>	0				
<b>Section Length (mi)</b>	0.62				
<b>Traffic</b>	Traffic data may be found at <a href="http://www.efl.fhwa.dot.gov">www.efl.fhwa.dot.gov</a> Click on PROGRAMS / NPS Traffic Data (Note: Not all parks have traffic data)				
<b>Cross Section Information</b>					
Number of Lanes	2				
Paved Width (ft)	27				
Lane Width (ft)	10				
Shoulder Width Right (ft)**	6				
Shoulder Width Left (ft)**	7				
<b>Roadway Condition Information</b>					
SCR (Surface Condition Rating)	91				
PCR (Pavement Condition Rating)	93				
<b>Distress Index Values</b>					
Alligator Cracking Index	100				
Longitudinal Cracking Index	100				
Transverse Cracking Index	100				
Patching Index	100				
Rutting Index	91				
Roughness Condition Index (RCI)	96				

**ROUTE: 0100 QUARRY ACCESS ROAD**

\*\* Shoulder widths are measured from video at 0.50 mile intervals along route tangents. Visibility of actual shoulders in video images may affect accuracy of measured shoulder widths.



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**  
**DINO : DINOSAUR NATIONAL MONUMENT**

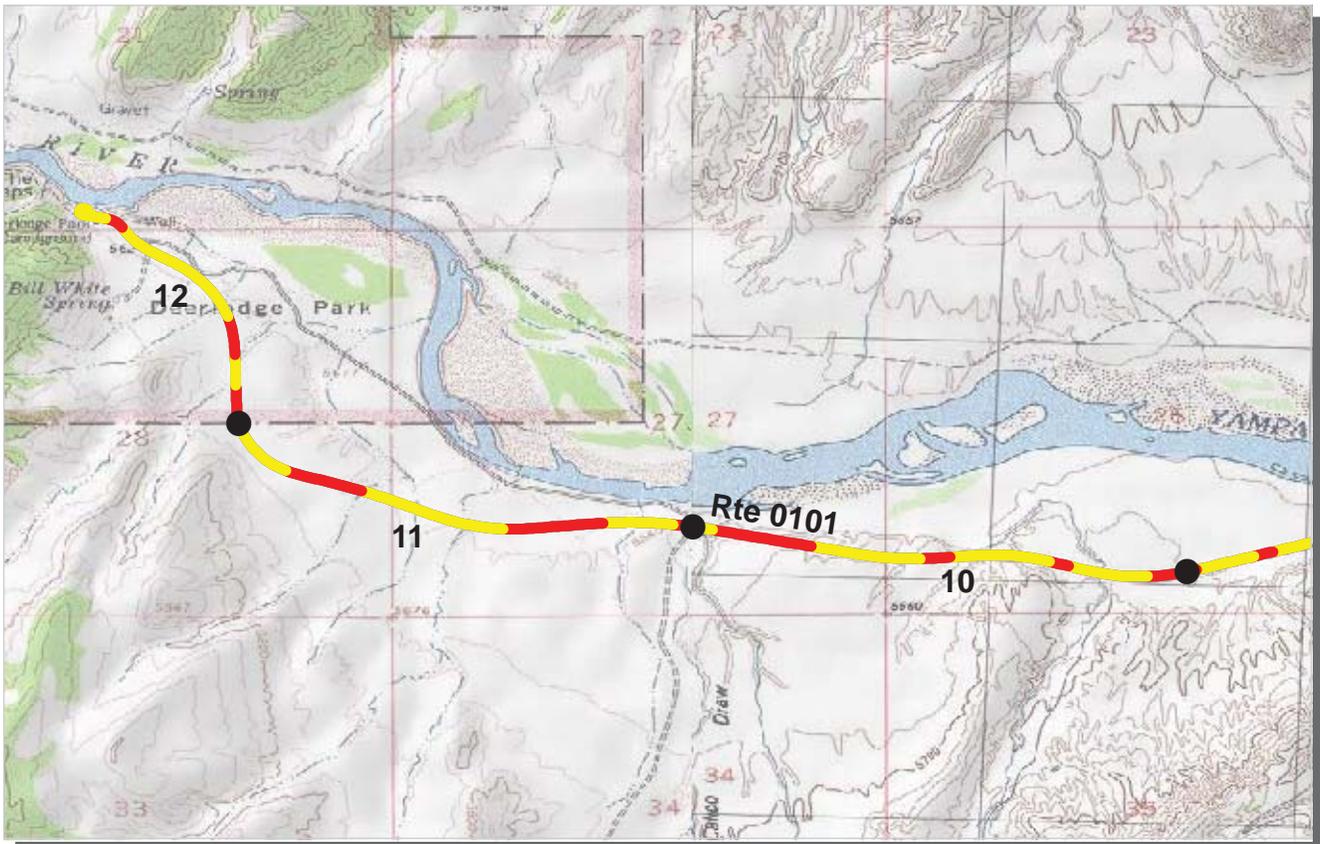
**ROUTE: 0101 DEERLODGE ENTRANCE ROAD** **TOTAL LENGTH: 12.73 Miles**

Section Number	0	1	2	3	4
Section Length (mi)	1.00	1.00	1.00	1.00	1.00
<b>Traffic</b>	Traffic data may be found at <a href="http://www.efl.fhwa.dot.gov">www.efl.fhwa.dot.gov</a> Click on PROGRAMS / NPS Traffic Data (Note: Not all parks have traffic data)				
<b>Cross Section Information</b>					
Number of Lanes	2	2	2	2	2
Paved Width (ft)	30	27	22	28	22
Lane Width (ft)	12	10	9	10	10
Shoulder Width Right (ft)**	4	6	6	6	3
Shoulder Width Left (ft)**	7	6	12	9	7
<b>Roadway Condition Information</b>					
SCR (Surface Condition Rating)	78	69	68	59	58
PCR (Pavement Condition Rating)	84	80	74	63	70
<b>Distress Index Values</b>					
Alligator Cracking Index	100	100	100	100	100
Longitudinal Cracking Index	100	97	97	94	96
Transverse Cracking Index	98	96	96	96	95
Patching Index	100	100	100	100	100
Rutting Index	80	76	75	70	67
Roughness Condition Index (RCI)	95	97	82	70	89

**ROUTE: 0101 DEERLODGE ENTRANCE ROAD**

\*\* Shoulder widths are measured from video at 0.50 mile intervals along route tangents. Visibility of actual shoulders in video images may affect accuracy of measured shoulder widths.





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.

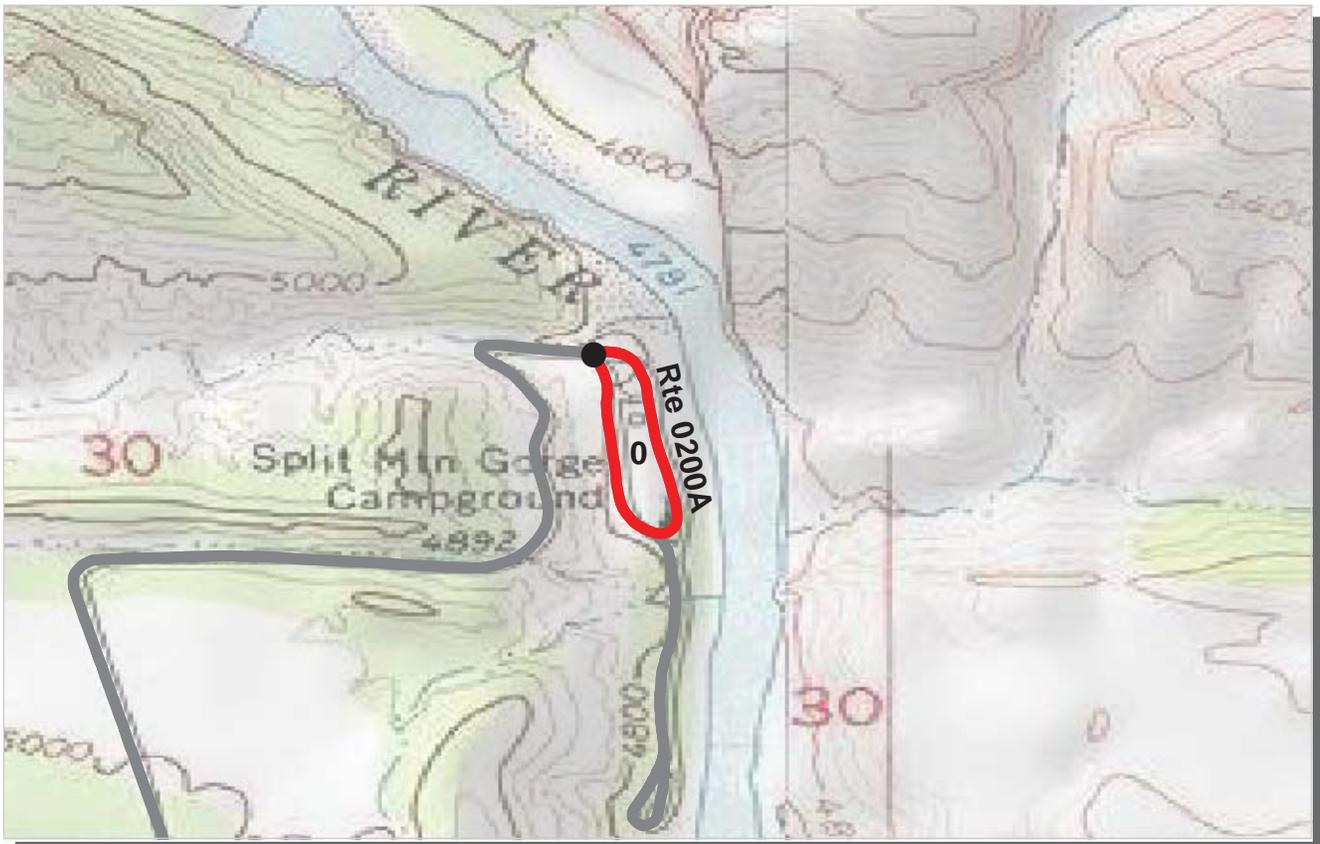
**INTERMOUNTAIN REGION**  
**DINO : DINOSAUR NATIONAL MONUMENT**

**ROUTE: 0101 DEERLODGE ENTRANCE ROAD** **TOTAL LENGTH: 12.73 Miles**

Section Number	10	11	12		
Section Length (mi)	1.00	1.00	0.73		
<b>Traffic</b>	Traffic data may be found at <a href="http://www.efl.fhwa.dot.gov">www.efl.fhwa.dot.gov</a> Click on PROGRAMS / NPS Traffic Data (Note: Not all parks have traffic data)				
<b>Cross Section Information</b>					
Number of Lanes	2	2	2		
Paved Width (ft)	22	22	24		
Lane Width (ft)	10	9	12		
Shoulder Width Right (ft)**	12	12	9		
Shoulder Width Left (ft)**	12	9	9		
<b>Roadway Condition Information</b>					
SCR (Surface Condition Rating)	51	53	51		
PCR (Pavement Condition Rating)	61	63	60		
<b>Distress Index Values</b>					
Alligator Cracking Index	100	99	100		
Longitudinal Cracking Index	86	87	90		
Transverse Cracking Index	92	94	92		
Patching Index	100	100	99		
Rutting Index	73	73	70		
Roughness Condition Index (RCI)	76	79	76		

**ROUTE: 0101 DEERLODGE ENTRANCE ROAD**

\*\* Shoulder widths are measured from video at 0.50 mile intervals along route tangents. Visibility of actual shoulders in video images may affect accuracy of measured shoulder widths.



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**  
**DINO : DINOSAUR NATIONAL MONUMENT**

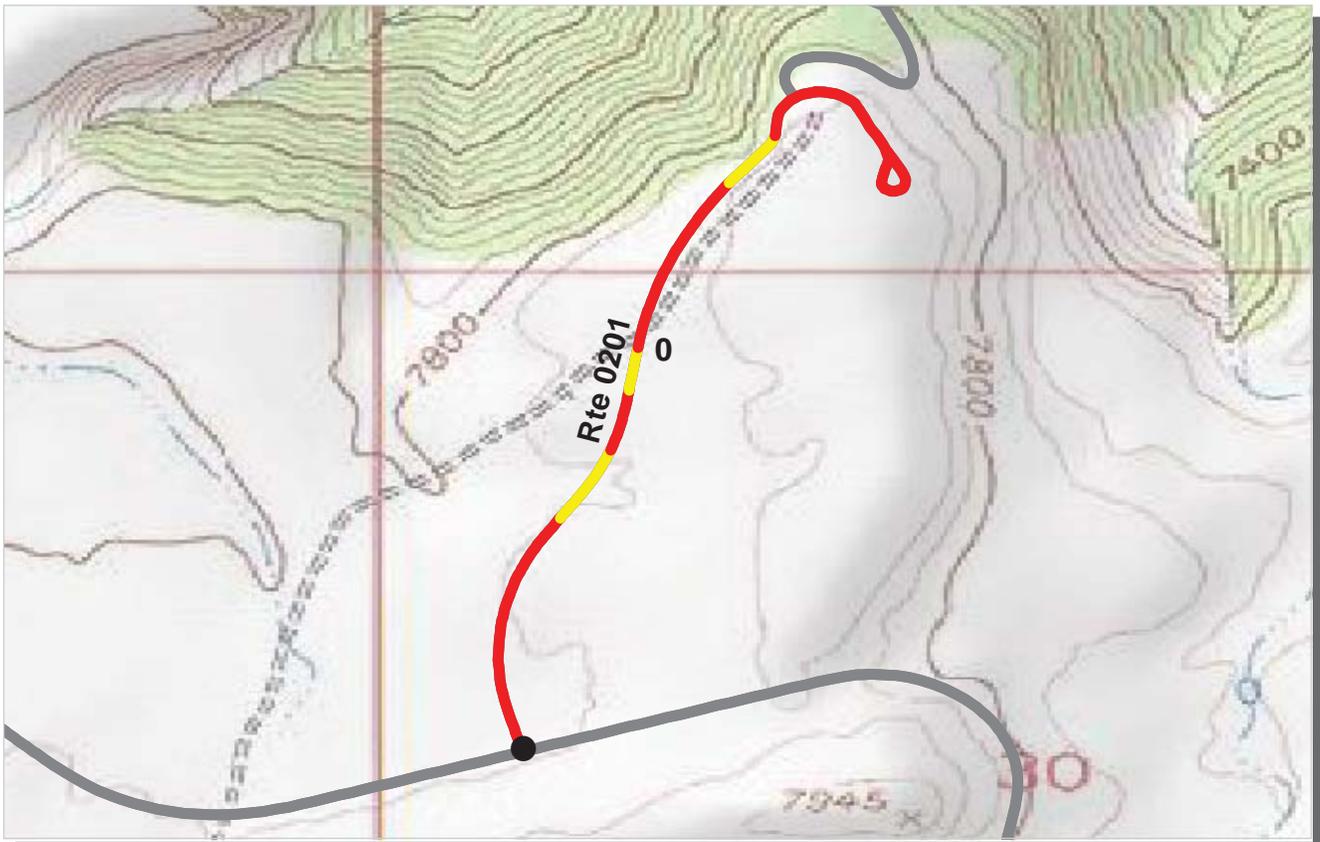
**ROUTE: 0200A SPLIT MOUNTAIN CAMPGROUND LOOP ROAD    TOTAL LENGTH: 0.40 Miles**

<b>Section Number</b>	0				
<b>Section Length (mi)</b>	0.40				
<b>Traffic</b>	Traffic data may be found at <a href="http://www.efl.fhwa.dot.gov">www.efl.fhwa.dot.gov</a> Click on PROGRAMS / NPS Traffic Data (Note: Not all parks have traffic data)				
<b>Cross Section Information</b>					
Number of Lanes	1				
Paved Width (ft)	22				
Lane Width (ft)	22				
Shoulder Width Right (ft)**	0				
Shoulder Width Left (ft)**	12				
<b>Roadway Condition Information</b>					
SCR (Surface Condition Rating)	45				
PCR (Pavement Condition Rating)	42				
<b>Distress Index Values</b>					
Alligator Cracking Index	100				
Longitudinal Cracking Index	100				
Transverse Cracking Index	100				
Patching Index	100				
Rutting Index	45				
Roughness Condition Index (RCI)	32				

**ROUTE: 0200A SPLIT MOUNTAIN CAMPGROUND LOOP ROAD**

\*\* Shoulder widths are measured from video at 0.50 mile intervals along route tangents. Visibility of actual shoulders in video images may affect accuracy of measured shoulder widths.





PCR	Poor	<span style="display:inline-block; width:15px; height:15px; background-color:red;"></span>	Fair	<span style="display:inline-block; width:15px; height:15px; background-color:yellow;"></span>	Good	<span style="display:inline-block; width:15px; height:15px; background-color:green;"></span>	Excellent	<span style="display:inline-block; width:15px; height:15px; background-color:blue;"></span>
		(≤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.

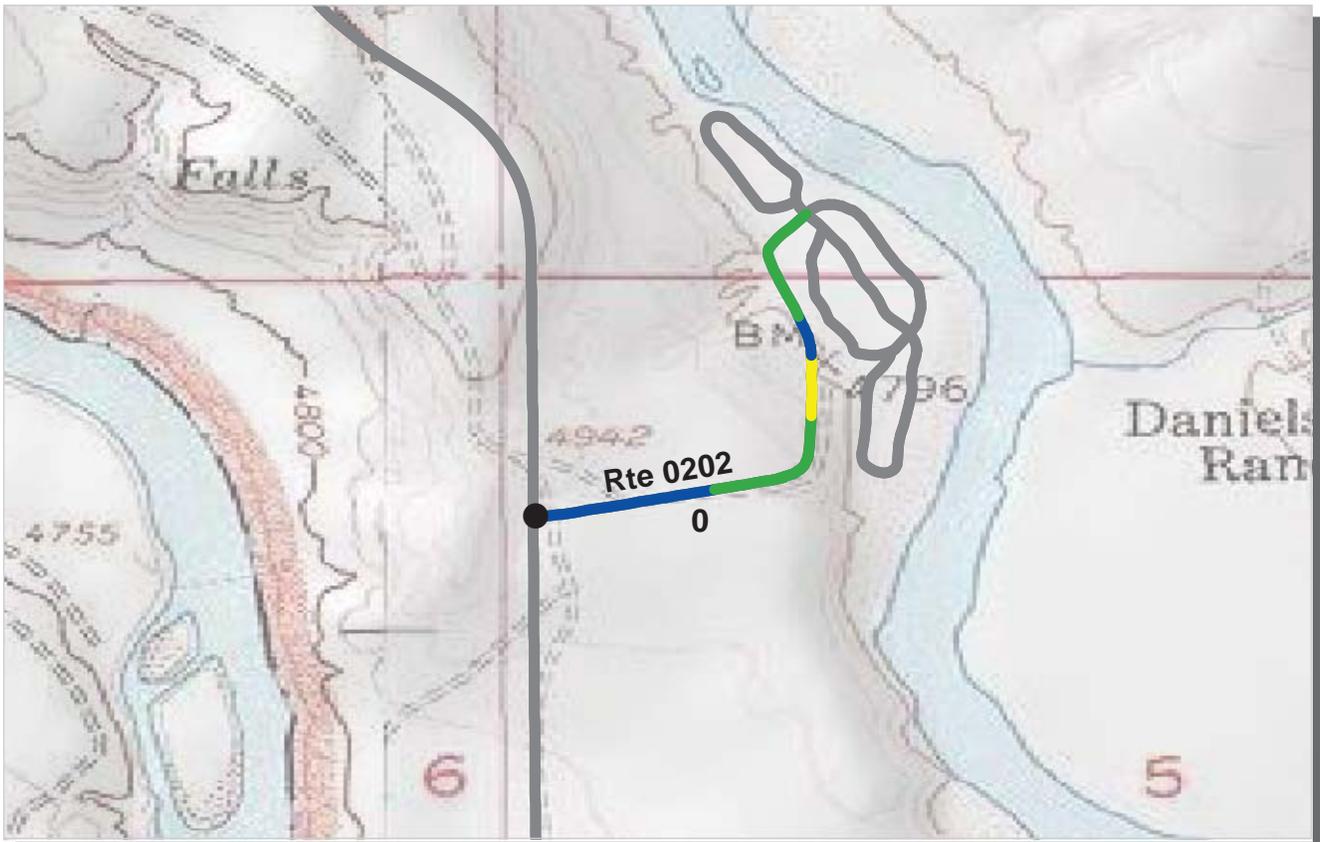
**INTERMOUNTAIN REGION**  
**DINO : DINOSAUR NATIONAL MONUMENT**

**ROUTE: 0201 CANYON OVERLOOK ROAD** **TOTAL LENGTH: 0.88 Miles**

<b>Section Number</b>	0				
<b>Section Length (mi)</b>	0.88				
<b>Traffic</b>	Traffic data may be found at <a href="http://www.efl.fhwa.dot.gov">www.efl.fhwa.dot.gov</a> Click on PROGRAMS / NPS Traffic Data (Note: Not all parks have traffic data)				
<b>Cross Section Information</b>					
Number of Lanes	2				
Paved Width (ft)	24				
Lane Width (ft)	11				
Shoulder Width Right (ft)**	12				
Shoulder Width Left (ft)**	7				
<b>Roadway Condition Information</b>					
SCR (Surface Condition Rating)	44				
PCR (Pavement Condition Rating)	53				
<b>Distress Index Values</b>					
Alligator Cracking Index	99				
Longitudinal Cracking Index	98				
Transverse Cracking Index	99				
Patching Index	100				
Rutting Index	47				
Roughness Condition Index (RCI)	70				

**ROUTE: 0201 CANYON OVERLOOK ROAD**

\*\* Shoulder widths are measured from video at 0.50 mile intervals along route tangents. Visibility of actual shoulders in video images may affect accuracy of measured shoulder widths.



PCR	Poor	<span style="display:inline-block; width:15px; height:15px; background-color:red;"></span>	Fair	<span style="display:inline-block; width:15px; height:15px; background-color:yellow;"></span>	Good	<span style="display:inline-block; width:15px; height:15px; background-color:green;"></span>	Excellent	<span style="display:inline-block; width:15px; height:15px; background-color:blue;"></span>
		(≤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  
DINO : DINOSAUR NATIONAL MONUMENT**

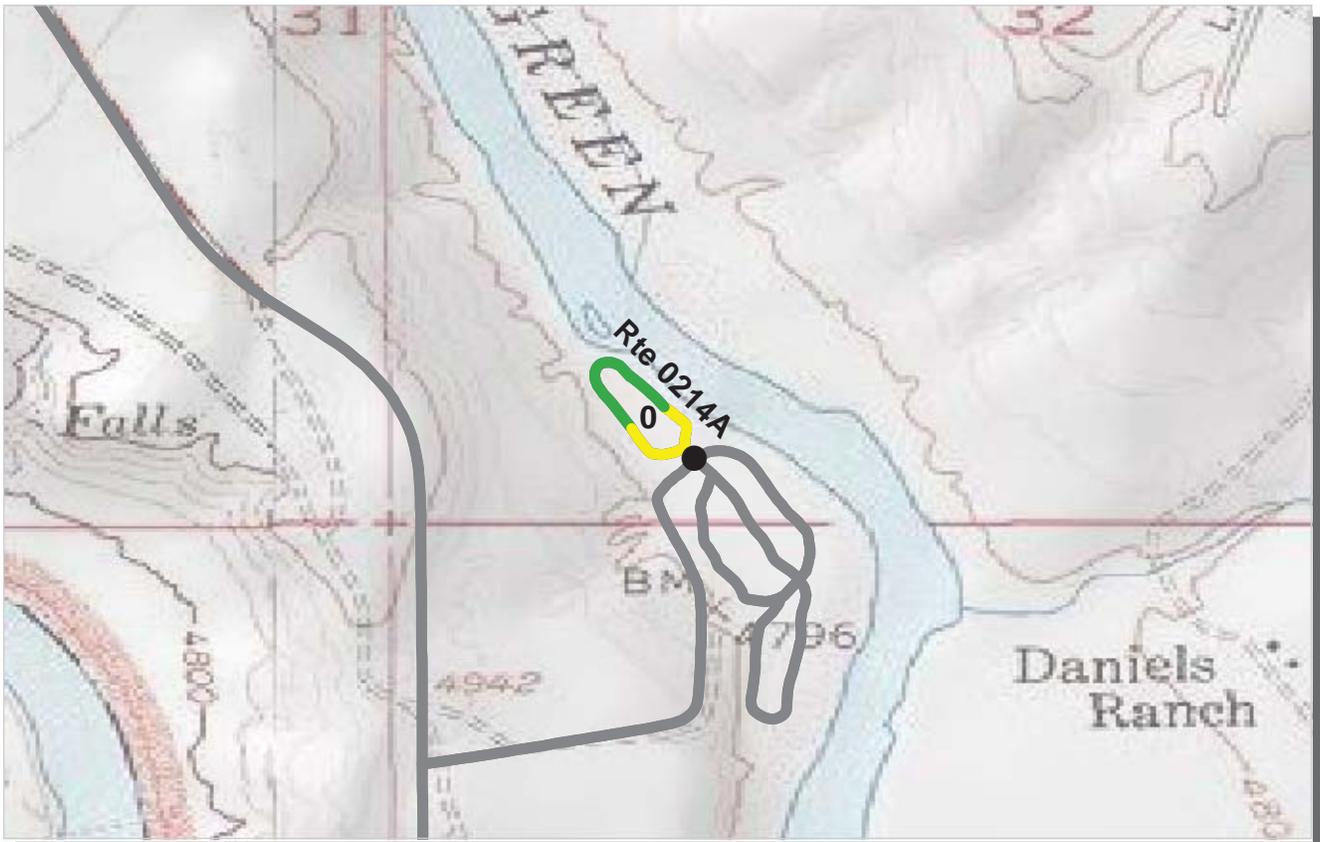
**ROUTE: 0202 GREEN RIVER CAMPGROUND ACCESS ROAD TOTAL LENGTH: 0.46 Miles**

<b>Section Number</b>	0				
<b>Section Length (mi)</b>	0.46				
<b>Traffic</b>	Traffic data may be found at <a href="http://www.efl.fhwa.dot.gov">www.efl.fhwa.dot.gov</a> Click on PROGRAMS / NPS Traffic Data (Note: Not all parks have traffic data)				
<b>Cross Section Information</b>					
Number of Lanes	2				
Paved Width (ft)	25				
Lane Width (ft)	11				
Shoulder Width Right (ft)**	7				
Shoulder Width Left (ft)**	6				
<b>Roadway Condition Information</b>					
SCR (Surface Condition Rating)	96				
PCR (Pavement Condition Rating)	90				
<b>Distress Index Values</b>					
Alligator Cracking Index	100				
Longitudinal Cracking Index	100				
Transverse Cracking Index	100				
Patching Index	100				
Rutting Index	96				
Roughness Condition Index (RCI)	78				

**ROUTE: 0202 GREEN RIVER CAMPGROUND ACCESS ROAD**

\*\* Shoulder widths are measured from video at 0.50 mile intervals along route tangents. Visibility of actual shoulders in video images may affect accuracy of measured shoulder widths.





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**  
**DINO : DINOSAUR NATIONAL MONUMENT**

**ROUTE: 0214A GREEN RIVER CAMPGROUND LOOP ROAD A      TOTAL LENGTH: 0.25 Miles**

<b>Section Number</b>	0				
<b>Section Length (mi)</b>	0.25				
<b>Traffic</b>	Traffic data may be found at <a href="http://www.efl.fhwa.dot.gov">www.efl.fhwa.dot.gov</a> Click on PROGRAMS / NPS Traffic Data (Note: Not all parks have traffic data)				
<b>Cross Section Information</b>					
Number of Lanes	1				
Paved Width (ft)	20				
Lane Width (ft)	20				
Shoulder Width Right (ft)**	0				
Shoulder Width Left (ft)**	0				
<b>Roadway Condition Information</b>					
SCR (Surface Condition Rating)	97				
PCR (Pavement Condition Rating)	81				
<b>Distress Index Values</b>					
Alligator Cracking Index	100				
Longitudinal Cracking Index	100				
Transverse Cracking Index	100				
Patching Index	100				
Rutting Index	97				
Roughness Condition Index (RCI)	56				

**ROUTE: 0214A GREEN RIVER CAMPGROUND LOOP ROAD A**

\*\* Shoulder widths are measured from video at 0.50 mile intervals along route tangents. Visibility of actual shoulders in video images may affect accuracy of measured shoulder widths.

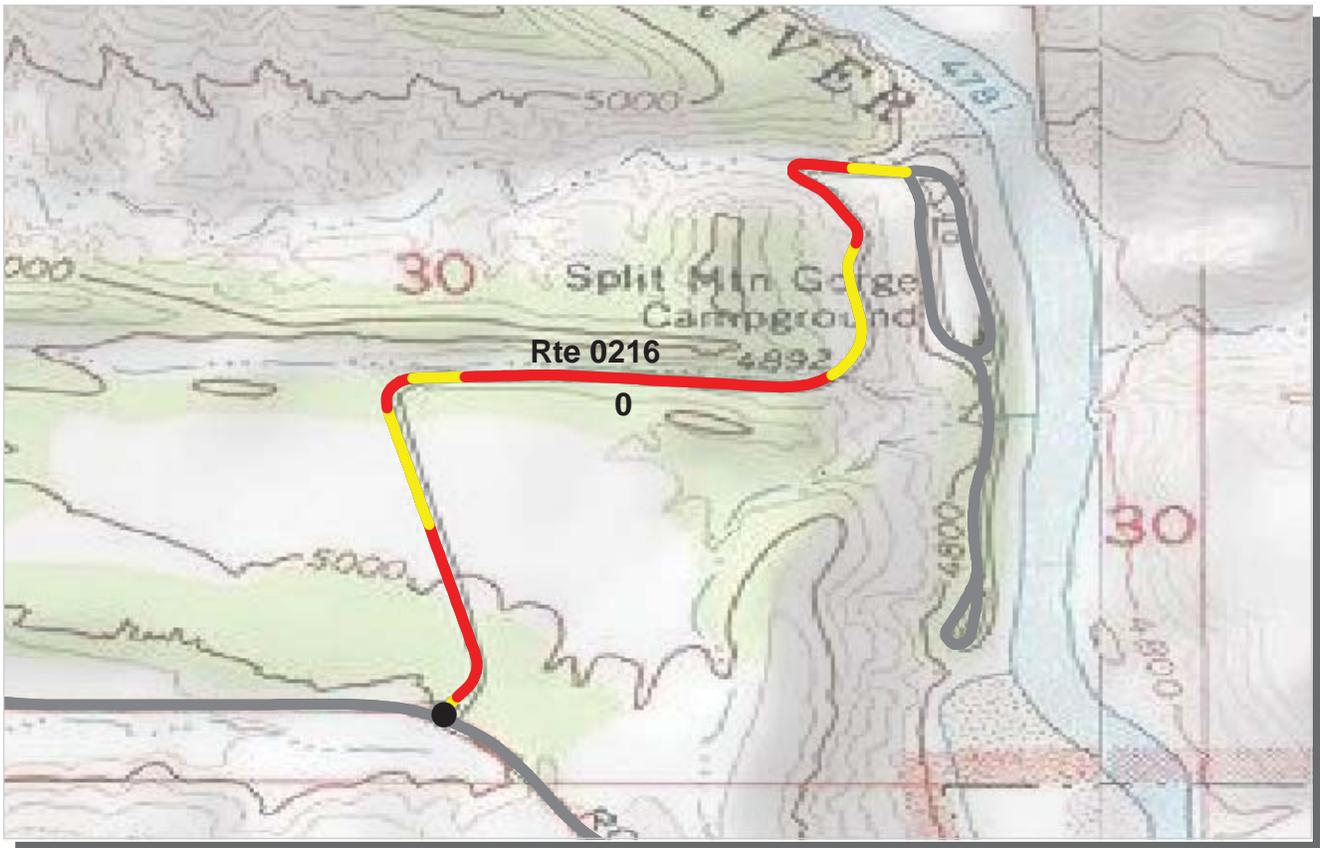












PCR    Poor █    Fair █    Good █    Excellent █  
          (<=60)                    (61 - 84)                    (85 - 94)                    (95 - 100)

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

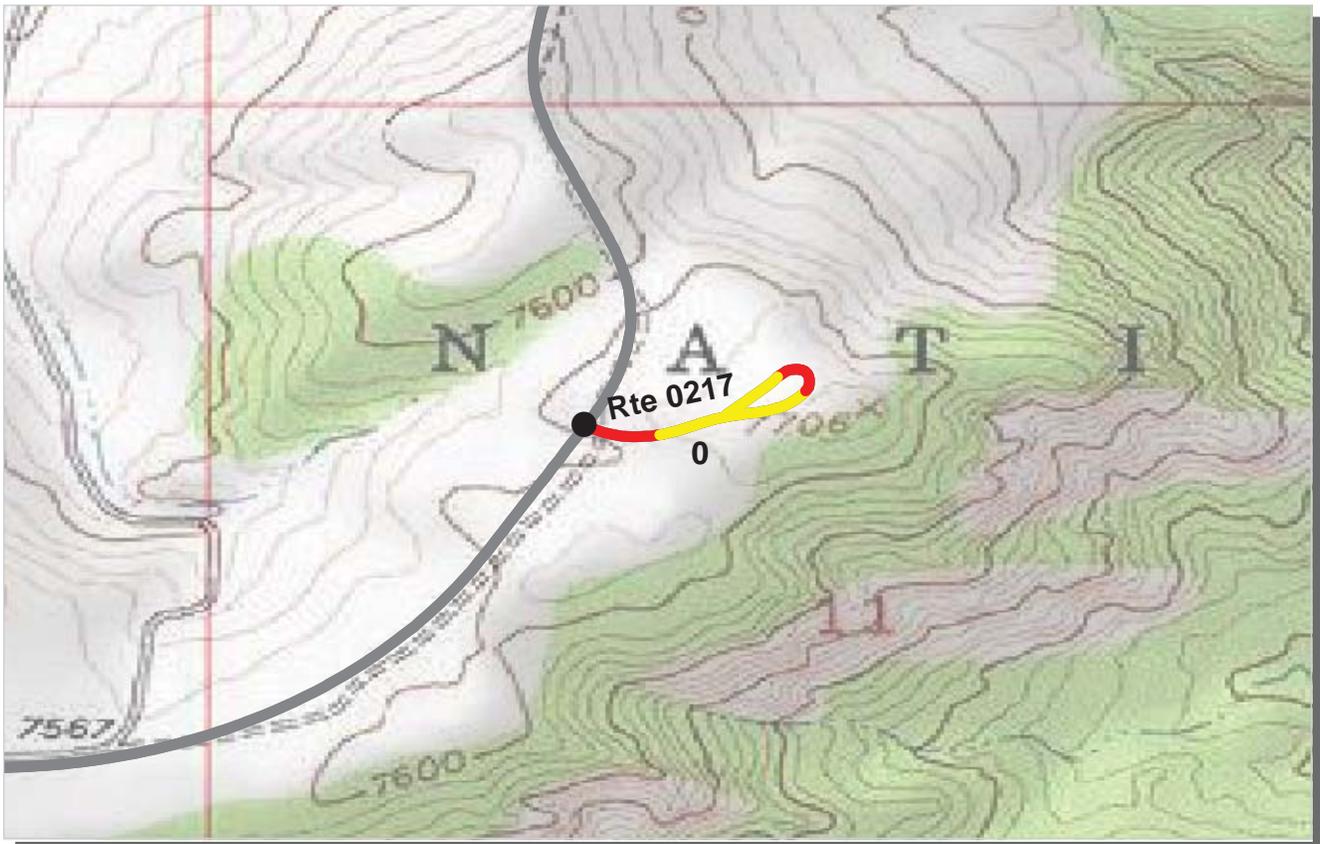
**INTERMOUNTAIN REGION  
DINO : DINOSAUR NATIONAL MONUMENT**

**ROUTE: 0216 SPLIT MOUNTAIN CAMPGROUND ACCESS ROAD    TOTAL LENGTH: 0.99 Miles**

<b>Section Number</b>	0				
<b>Section Length (mi)</b>	0.99				
<b>Traffic</b>	Traffic data may be found at <a href="http://www.efl.fhwa.dot.gov">www.efl.fhwa.dot.gov</a> Click on PROGRAMS / NPS Traffic Data (Note: Not all parks have traffic data)				
<b>Cross Section Information</b>					
Number of Lanes	2				
Paved Width (ft)	25				
Lane Width (ft)	11				
Shoulder Width Right (ft)**	3				
Shoulder Width Left (ft)**	4				
<b>Roadway Condition Information</b>					
SCR (Surface Condition Rating)	51				
PCR (Pavement Condition Rating)	58				
<b>Distress Index Values</b>					
Alligator Cracking Index	100				
Longitudinal Cracking Index	100				
Transverse Cracking Index	100				
Patching Index	100				
Rutting Index	51				
Roughness Condition Index (RCI)	72				

**ROUTE: 0216 SPLIT MOUNTAIN CAMPGROUND ACCESS ROAD**

\*\* Shoulder widths are measured from video at 0.50 mile intervals along route tangents. Visibility of actual shoulders in video images may affect accuracy of measured shoulder widths.



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  
DINO : DINOSAUR NATIONAL MONUMENT**

**ROUTE: 0217 IRON SPRINGS BENCH OVERLOOK ROAD      TOTAL LENGTH: 0.27 Miles**

<b>Section Number</b>	0				
<b>Section Length (mi)</b>	0.27				
<b>Traffic</b>	Traffic data may be found at <a href="http://www.efl.fhwa.dot.gov">www.efl.fhwa.dot.gov</a> Click on PROGRAMS / NPS Traffic Data (Note: Not all parks have traffic data)				
<b>Cross Section Information</b>					
Number of Lanes	2				
Paved Width (ft)	22				
Lane Width (ft)	11				
Shoulder Width Right (ft)**	3				
Shoulder Width Left (ft)**	0				
<b>Roadway Condition Information</b>					
SCR (Surface Condition Rating)	59				
PCR (Pavement Condition Rating)	60				
<b>Distress Index Values</b>					
Alligator Cracking Index	100				
Longitudinal Cracking Index	100				
Transverse Cracking Index	100				
Patching Index	100				
Rutting Index	60				
Roughness Condition Index (RCI)	62				

**ROUTE: 0217 IRON SPRINGS BENCH OVERLOOK ROAD**

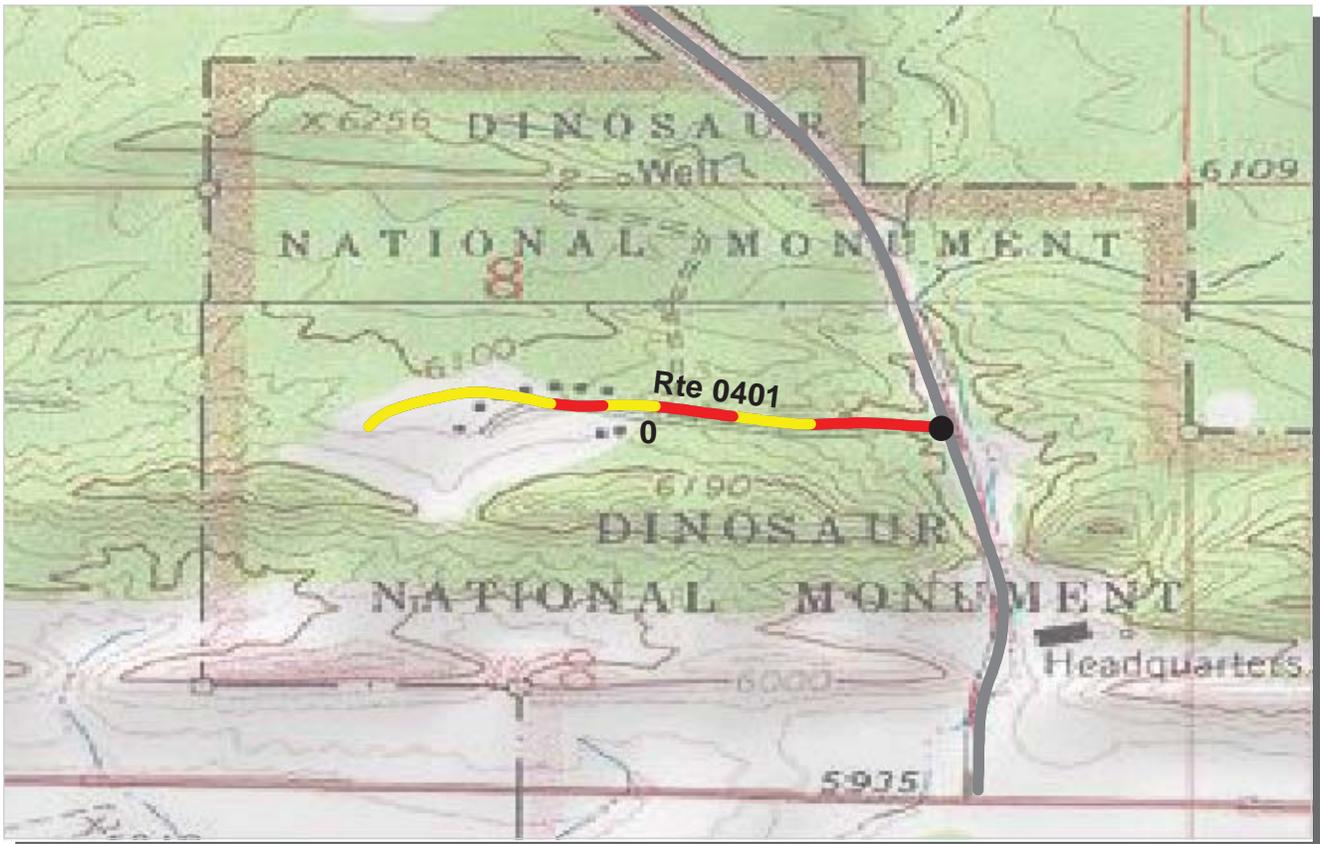
\*\* Shoulder widths are measured from video at 0.50 mile intervals along route tangents. Visibility of actual shoulders in video images may affect accuracy of measured shoulder widths.











PCR	Poor	<span style="display:inline-block; width:15px; height:15px; background-color:red;"></span>	Fair	<span style="display:inline-block; width:15px; height:15px; background-color:yellow;"></span>	Good	<span style="display:inline-block; width:15px; height:15px; background-color:green;"></span>	Excellent	<span style="display:inline-block; width:15px; height:15px; background-color:blue;"></span>
		(≤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**  
**DINO : DINOSAUR NATIONAL MONUMENT**

**ROUTE: 0401 HEADQUARTERS QUARTERS ROAD** **TOTAL LENGTH: 0.45 Miles**

<b>Section Number</b>	0				
<b>Section Length (mi)</b>	0.45				
<b>Traffic</b>	Traffic data may be found at <a href="http://www.efl.fhwa.dot.gov">www.efl.fhwa.dot.gov</a> Click on PROGRAMS / NPS Traffic Data (Note: Not all parks have traffic data)				
<b>Cross Section Information</b>					
Number of Lanes	2				
Paved Width (ft)	24				
Lane Width (ft)	10				
Shoulder Width Right (ft)**	6				
Shoulder Width Left (ft)**	6				
<b>Roadway Condition Information</b>					
SCR (Surface Condition Rating)	62				
PCR (Pavement Condition Rating)	61				
<b>Distress Index Values</b>					
Alligator Cracking Index	100				
Longitudinal Cracking Index	97				
Transverse Cracking Index	92				
Patching Index	100				
Rutting Index	74				
Roughness Condition Index (RCI)	59				

**ROUTE: 0401 HEADQUARTERS QUARTERS ROAD**

\*\* Shoulder widths are measured from video at 0.50 mile intervals along route tangents. Visibility of actual shoulders in video images may affect accuracy of measured shoulder widths.



# Dinosaur National Monument



## **Section 6**

### **Manually Rated Paved Route Condition Rating Sheets (MRR)**

# DINOSAUR NATIONAL MONUMENT

## Route 0209

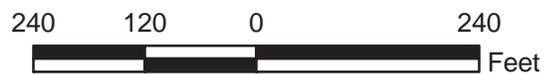
### PLUG HAT PICNIC AREA PARKING

FROM ROUTE 0011 AT MP 4.34

TO END OF LOOP

Route Number	Public / NonPublic	Date Visited		Area (sq ft)	Lane Miles *	Surface Type
0209	PUBLIC	9/26/2006		21,416	0.37	AS
Culverts	Drop Inlets	Gates	Fire Hydrants	Curb & Gutter	Curb	PCR
0	0	0	0	NO CURB AND GUTTER	NO CURB	FAIR/73

\* Lane miles are based on 11' lane widths



# Dinosaur National Monument



## **Section 7** **Parking Area Condition Rating Sheets**

# DINOSAUR NATIONAL MONUMENT

## Route 0900

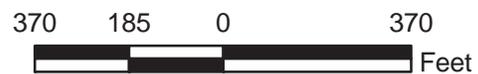
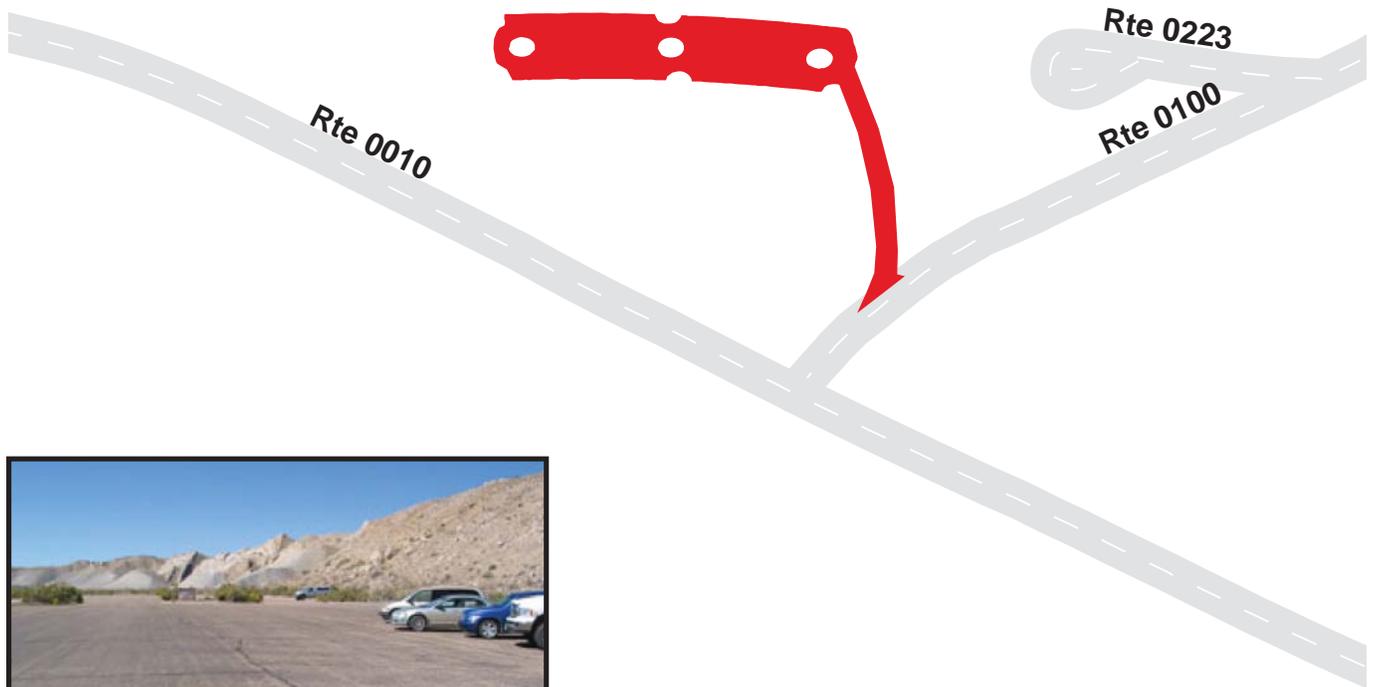
### LOWER VISITOR CENTER PARKING AREA

FROM ROUTE 0100 AT MP 0.03

TO PARKING

Route Number	Public / NonPublic	Date Visited		Area (sq ft)	Lane Miles *	Surface Type
0900	PUBLIC	9/27/2006		77,283	1.33	AS
Culverts	Drop Inlets	Gates	Fire Hydrants	Curb & Gutter	Curb	PCR
0	0	0	0	NO CURB AND GUTTER	NO CURB	POOR/45

\* Lane miles are based on 11' lane widths



# DINOSAUR NATIONAL MONUMENT

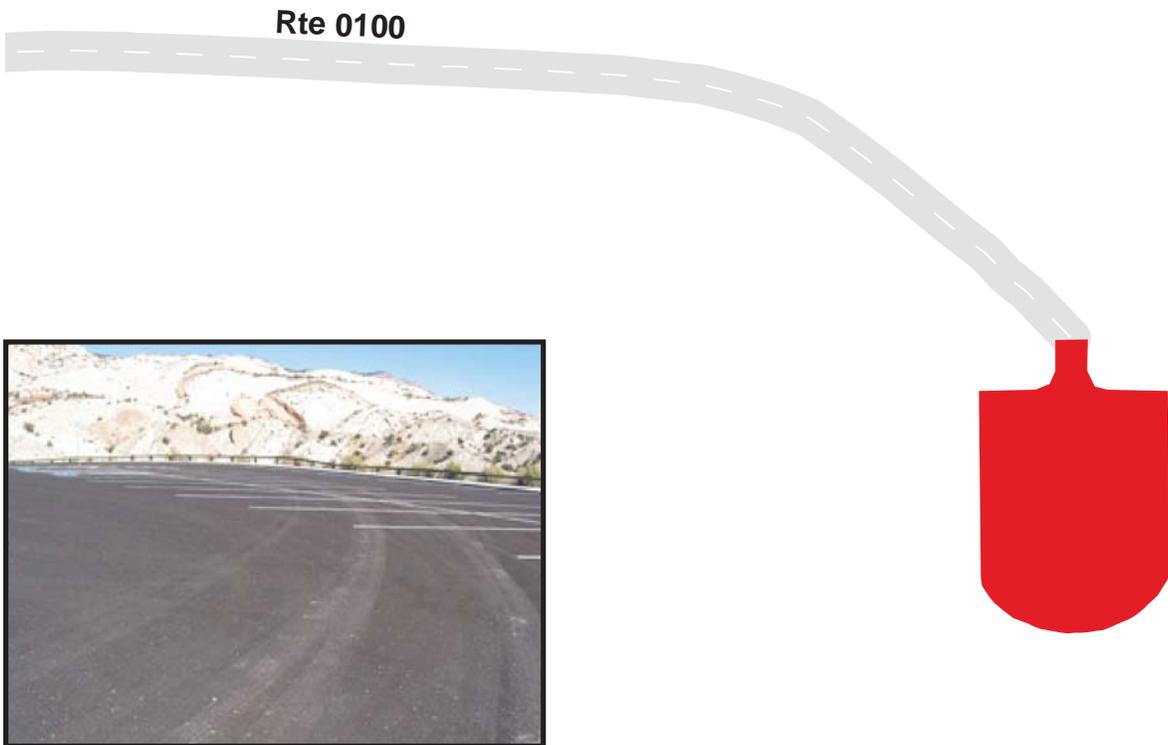
## Route 0901

### QUARRY VISITORS CENTER PARKING

AT END OF ROUTE 0100

Route Number	Public / NonPublic	Date Visited		Area (sq ft)	Lane Miles *	Surface Type
0901	PUBLIC	9/27/2006		24,503	0.42	AS
Culverts	Drop Inlets	Gates	Fire Hydrants	Curb & Gutter	Curb	PCR
0	0	0	0	NO CURB AND GUTTER	NO CURB	EXCELLENT/97

\* Lane miles are based on 11' lane widths



# DINOSAUR NATIONAL MONUMENT

## Route 0902

### GREEN RIVER CAMPGROUND OVERLOOK

ADJACENT TO ROUTE 0010 AT MP 5.625

Route Number	Public / NonPublic	Date Visited		Area (sq ft)	Lane Miles *	Surface Type
0902	PUBLIC	9/27/2006		11,215	0.19	AS
Culverts	Drop Inlets	Gates	Fire Hydrants	Curb & Gutter	Curb	PCR
0	0	0	0	NO CURB AND GUTTER	NO CURB	EXCELLENT/97

\* Lane miles are based on 11' lane widths



# DINOSAUR NATIONAL MONUMENT

## Route 0903

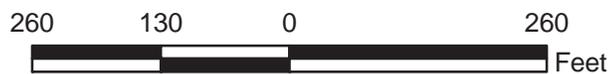
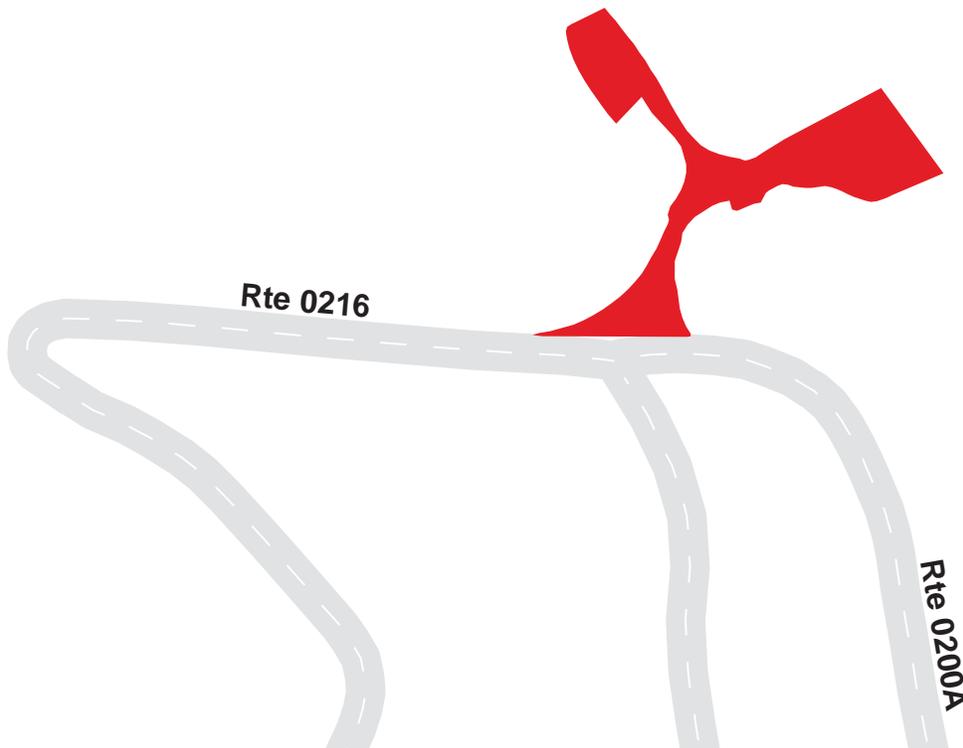
### SPLIT MOUNTAIN CAMPGROUND BOAT RAMP PARKING

AT END OF ROUTE 0216

TO PARKING

Route Number	Public / NonPublic	Date Visited		Area (sq ft)	Lane Miles *	Surface Type
0903	PUBLIC	9/27/2006		23,281	0.40	AS
Culverts	Drop Inlets	Gates	Fire Hydrants	Curb & Gutter	Curb	PCR
0	0	0	0	NO CURB AND GUTTER	NO CURB	FAIR/73

\* Lane miles are based on 11' lane widths



# DINOSAUR NATIONAL MONUMENT

## Route 0904A

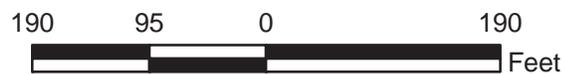
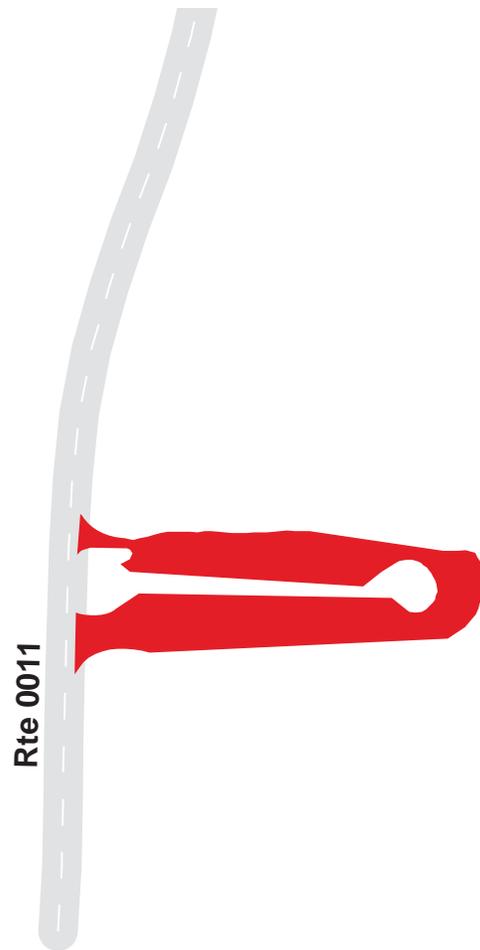
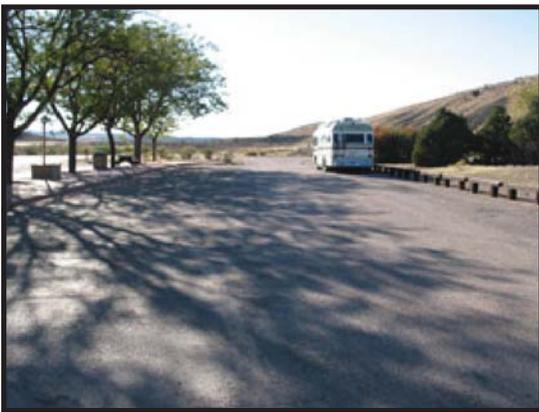
### HEADQUARTERS PARKING AREA A

FROM ROUTE 0011 AT MP 0.04

TO ROUTE 0904B

Route Number	Public / NonPublic	Date Visited		Area (sq ft)	Lane Miles *	Surface Type
0904A	PUBLIC	9/26/2006		17,310	0.30	AS
Culverts	Drop Inlets	Gates	Fire Hydrants	Curb & Gutter	Curb	PCR
0	0	0	0	NO CURB AND GUTTER	NO CURB	FAIR/73

\* Lane miles are based on 11' lane widths



# DINOSAUR NATIONAL MONUMENT

## Route 0904B

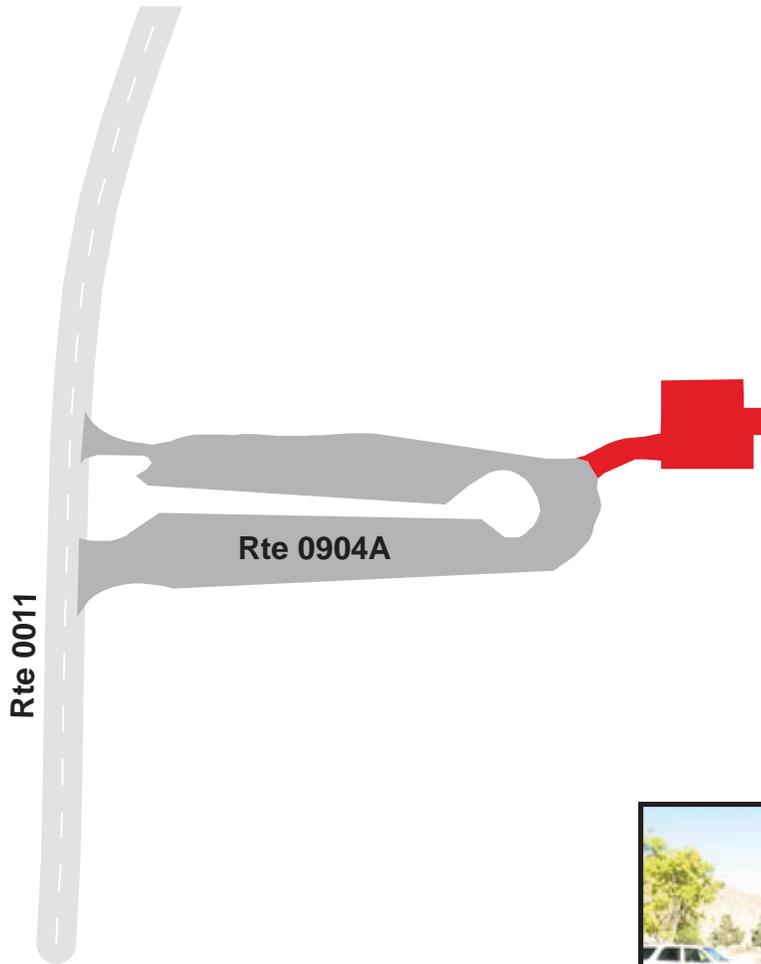
### HEADQUARTERS PARKING AREA B

FROM ROUTE 0904A

TO PARKING

Route Number	Public / NonPublic	Date Visited		Area (sq ft)	Lane Miles *	Surface Type
0904B	NONPUBLIC	9/26/2006		3,192	0.06	AS
Culverts	Drop Inlets	Gates	Fire Hydrants	Curb & Gutter	Curb	PCR
0	0	0	0	NO CURB AND GUTTER	NO CURB	FAIR/73

\* Lane miles are based on 11' lane widths



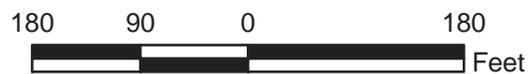
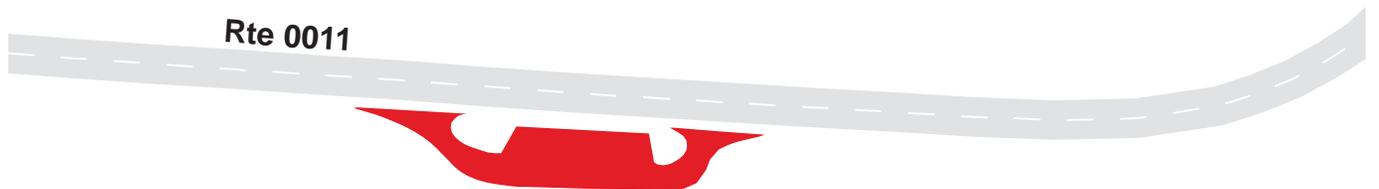
# DINOSAUR NATIONAL MONUMENT

## Route 0905

SUNRISE PARKING AREA  
 FROM ROUTE 0011 AT MP 3.74  
 TO ROUTE 0011 AT MP 3.78

Route Number	Public / NonPublic	Date Visited		Area (sq ft)	Lane Miles *	Surface Type
0905	PUBLIC	9/26/2006		7,890	0.14	AS
Culverts	Drop Inlets	Gates	Fire Hydrants	Curb & Gutter	Curb	PCR
0	0	0	0	NO CURB AND GUTTER	NO CURB	FAIR/73

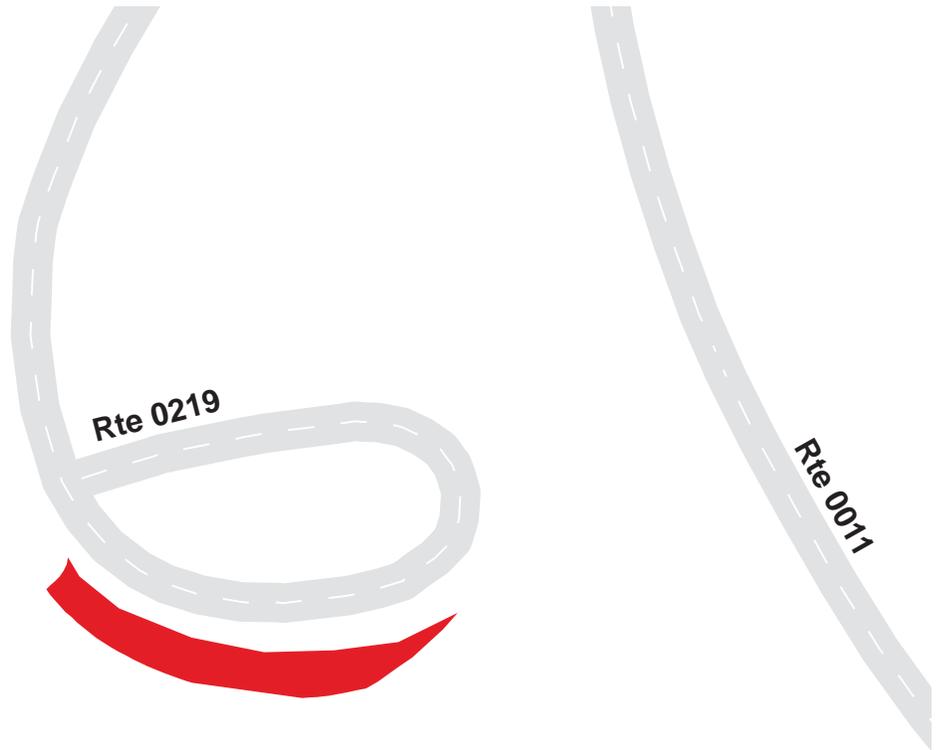
\* Lane miles are based on 11' lane widths



**DINOSAUR NATIONAL MONUMENT**  
**Route 0906**  
**ESCALANTE OVERLOOK PARKING AREA**  
**ADJACENT TO ROUTE 0219**

Route Number	Public / NonPublic	Date Visited		Area (sq ft)	Lane Miles *	Surface Type
0906	PUBLIC	9/26/2006		6,333	0.11	AS
Culverts	Drop Inlets	Gates	Fire Hydrants	Curb & Gutter	Curb	PCR
0	0	0	0	NO CURB AND GUTTER	NO CURB	FAIR/73

\* Lane miles are based on 11' lane widths



# DINOSAUR NATIONAL MONUMENT

## Route 0907

### PARKING "CENTER OF THE UNIVERSE"

FROM ROUTE 0011 AT MP 25.15

TO ROUTE 0011 AT MP 25.19

Route Number	Public / NonPublic	Date Visited		Area (sq ft)	Lane Miles *	Surface Type
0907	PUBLIC	9/26/2006		11,031	0.19	AS
Culverts	Drop Inlets	Gates	Fire Hydrants	Curb & Gutter	Curb	PCR
0	0	0	0	NO CURB AND GUTTER	NO CURB	CONSTRUCT/100

\* Lane miles are based on 11' lane widths



# DINOSAUR NATIONAL MONUMENT

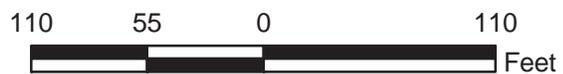
## Route 0908

ISLAND PARK OVERLOOK PARKING AREA

ADJACENT TO ROUTE 0218

Route Number	Public / NonPublic	Date Visited		Area (sq ft)	Lane Miles *	Surface Type
0908	PUBLIC	9/26/2006		6,482	0.11	AS
Culverts	Drop Inlets	Gates	Fire Hydrants	Curb & Gutter	Curb	PCR
0	0	0	0	NO CURB AND GUTTER	NO CURB	GOOD/90

\* Lane miles are based on 11' lane widths



# DINOSAUR NATIONAL MONUMENT

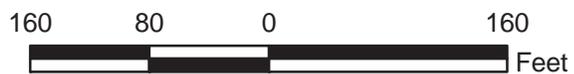
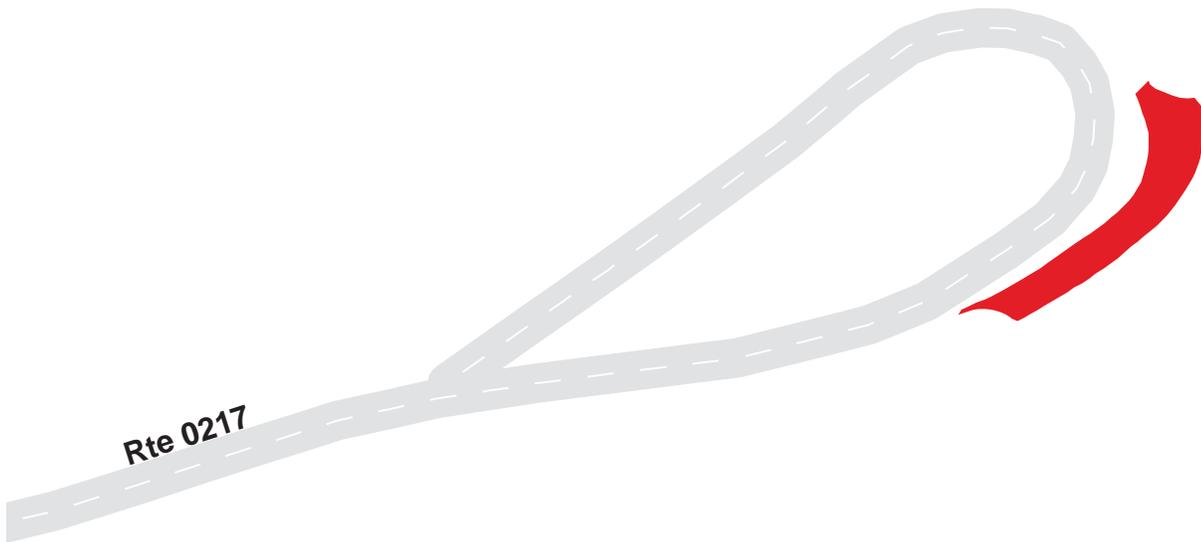
## Route 0909A

### IRON SPRINGS BENCH PARKING AREA A

ADJACENT TO ROUTE 0217

Route Number	Public / NonPublic	Date Visited		Area (sq ft)	Lane Miles *	Surface Type
0909A	PUBLIC	9/26/2006		4,420	0.08	AS
Culverts	Drop Inlets	Gates	Fire Hydrants	Curb & Gutter	Curb	PCR
0	0	0	0	NO CURB AND GUTTER	NO CURB	FAIR/73

\* Lane miles are based on 11' lane widths



# DINOSAUR NATIONAL MONUMENT

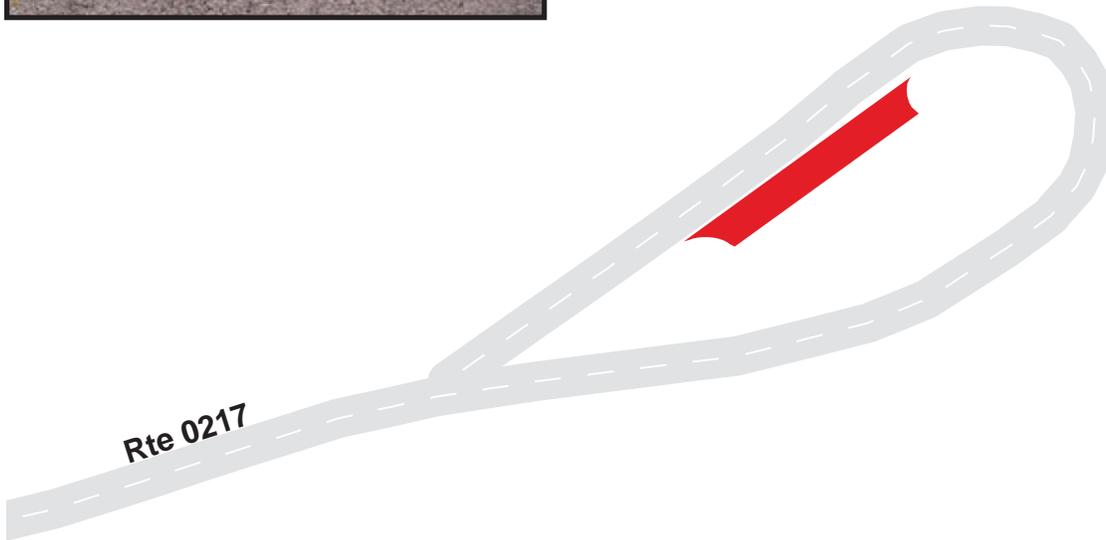
## Route 0909B

### IRON SPRINGS BENCH PARKING AREA B

ADJACENT TO ROUTE 0217

Route Number	Public / NonPublic	Date Visited		Area (sq ft)	Lane Miles *	Surface Type
0909B	PUBLIC	9/26/2006		2,826	0.05	AS
Culverts	Drop Inlets	Gates	Fire Hydrants	Curb & Gutter	Curb	PCR
0	0	0	0	NO CURB AND GUTTER	NO CURB	GOOD/90

\* Lane miles are based on 11' lane widths



# DINOSAUR NATIONAL MONUMENT

## Route 0910

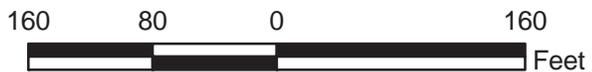
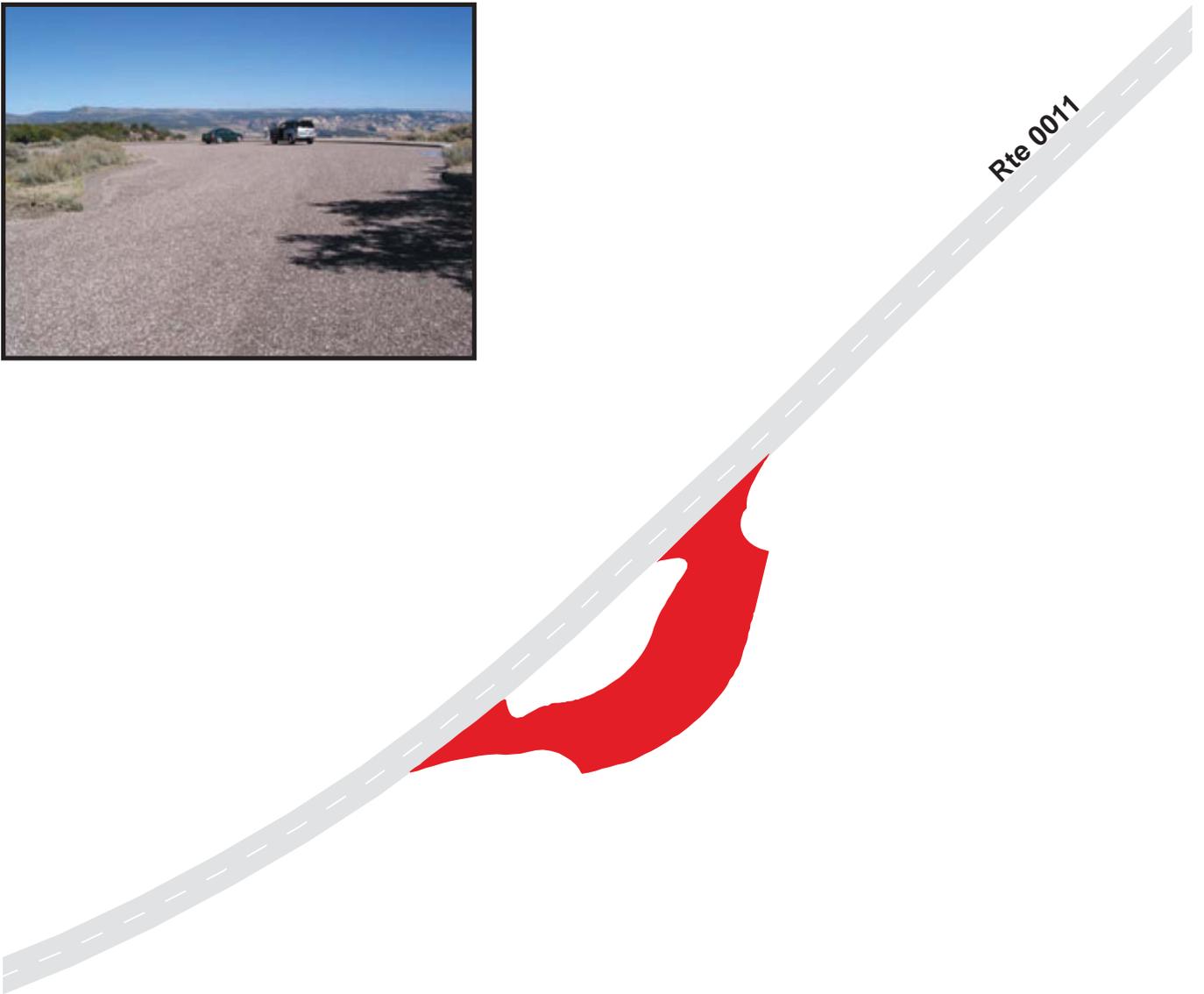
### ECHO PARK OVERLOOK PARKING AREA

FROM ROUTE 0011 AT MP 30.42

TO ROUTE 0011 AT MP 30.46

Route Number	Public / NonPublic	Date Visited		Area (sq ft)	Lane Miles *	Surface Type
0910	PUBLIC	9/26/2006		12,483	0.22	AS
Culverts	Drop Inlets	Gates	Fire Hydrants	Curb & Gutter	Curb	PCR
0	0	0	0	NO CURB AND GUTTER	NO CURB	GOOD/90

\* Lane miles are based on 11' lane widths



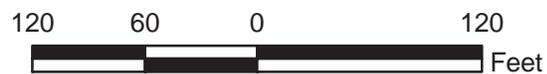
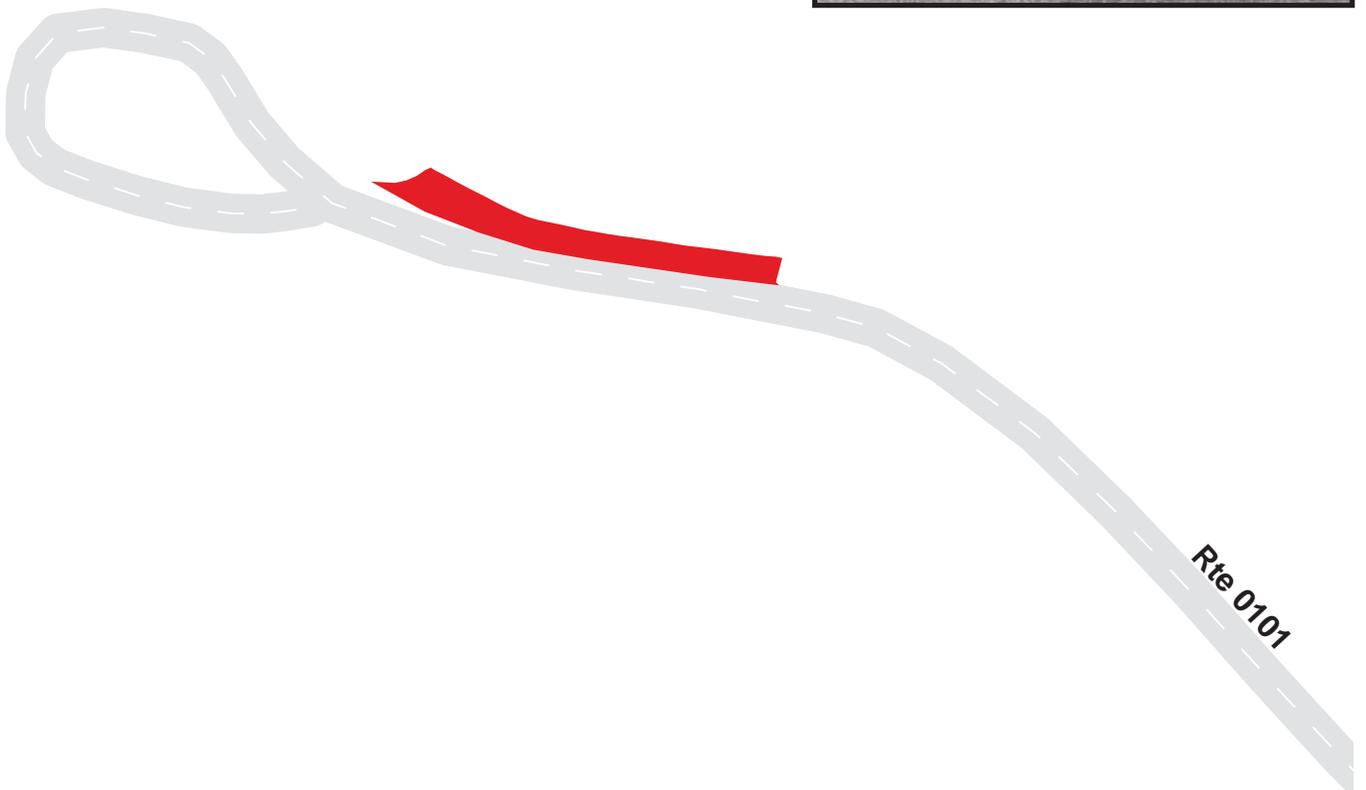
# DINOSAUR NATIONAL MONUMENT

## Route 0911A

DEERLODGE ENTRANCE ROAD PARKING A  
 ADJACENT TO ROUTE 0101 AT MP 12.66 ON RIGHT

Route Number	Public / NonPublic	Date Visited		Area (sq ft)	Lane Miles *	Surface Type
0911A	PUBLIC	9/26/2006		2,625	0.05	AS
Culverts	Drop Inlets	Gates	Fire Hydrants	Curb & Gutter	Curb	PCR
0	0	0	0	NO CURB AND GUTTER	NO CURB	GOOD/90

\* Lane miles are based on 11' lane widths



# DINOSAUR NATIONAL MONUMENT

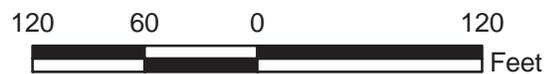
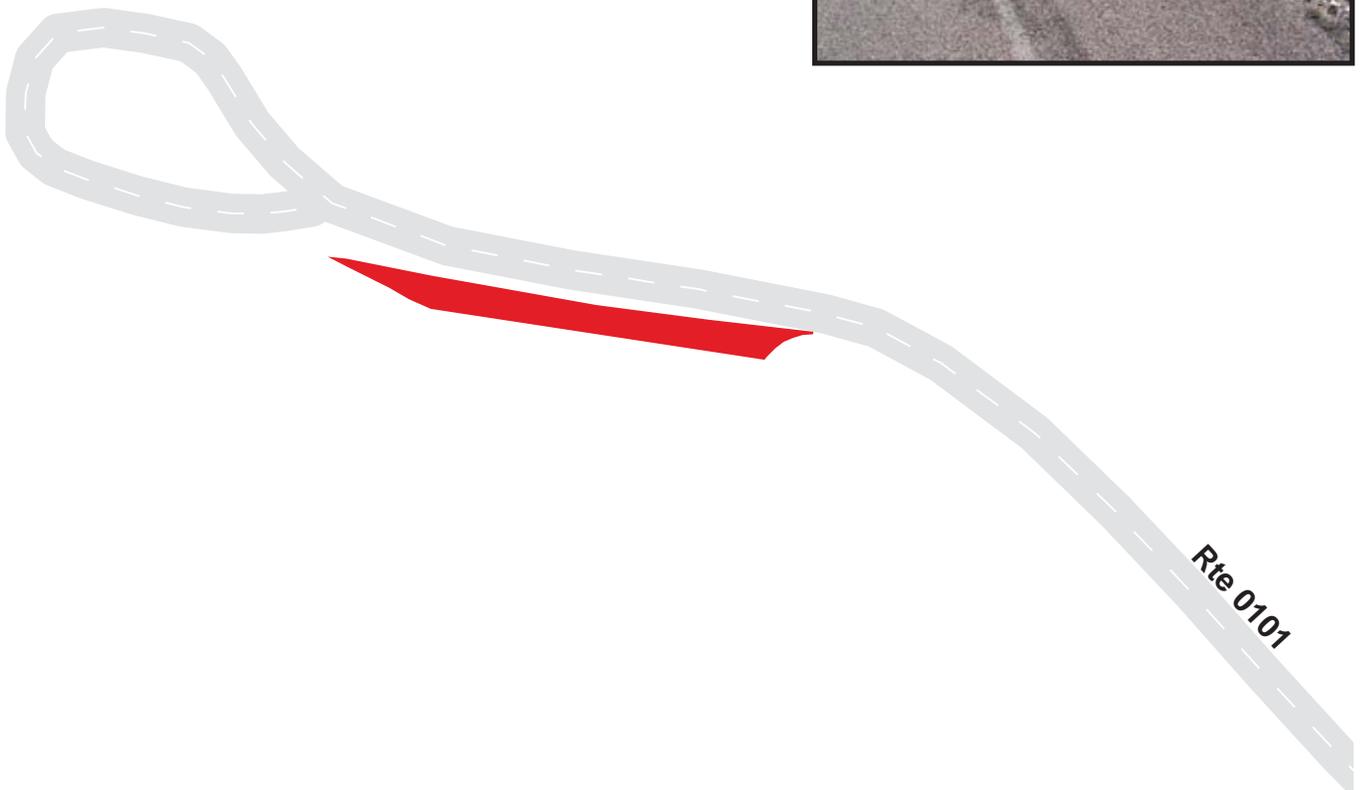
## Route 0911B

DEERLODGE ENTRANCE ROAD PARKING B

ADJACENT TO ROUTE 0101 AT MP 12.65 ON LEFT

Route Number	Public / NonPublic	Date Visited		Area (sq ft)	Lane Miles *	Surface Type
0911B	PUBLIC	9/26/2006		2,782	0.05	AS
Culverts	Drop Inlets	Gates	Fire Hydrants	Curb & Gutter	Curb	PCR
0	0	0	0	NO CURB AND GUTTER	NO CURB	GOOD/90

\* Lane miles are based on 11' lane widths



# DINOSAUR NATIONAL MONUMENT

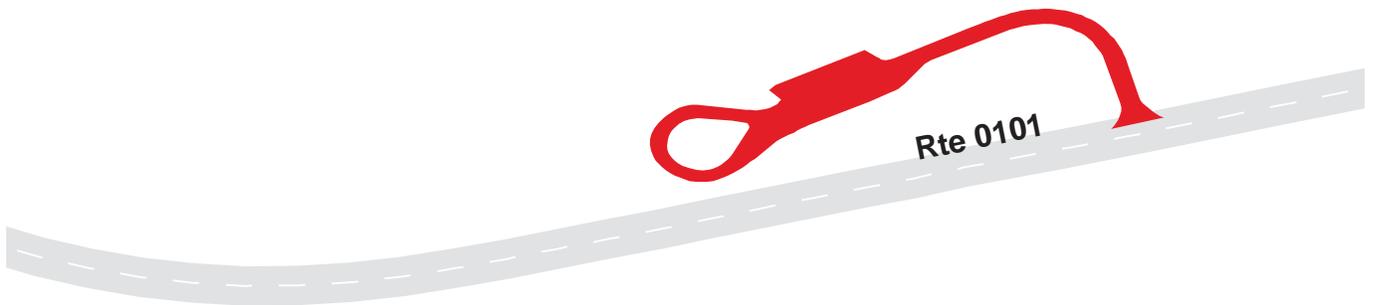
## Route 0912

### DEERLODGE ROAD NEEDLE PARKING AREA

ADJACENT TO ROUTE 0101 AT MP 5.66

Route Number	Public / NonPublic	Date Visited		Area (sq ft)	Lane Miles *	Surface Type
0912	PUBLIC	9/26/2006		21,221	0.37	AS
Culverts	Drop Inlets	Gates	Fire Hydrants	Curb & Gutter	Curb	PCR
0	0	0	0	NO CURB AND GUTTER	NO CURB	FAIR/73

\* Lane miles are based on 11' lane widths



# DINOSAUR NATIONAL MONUMENT

## Route 0913

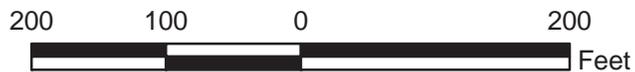
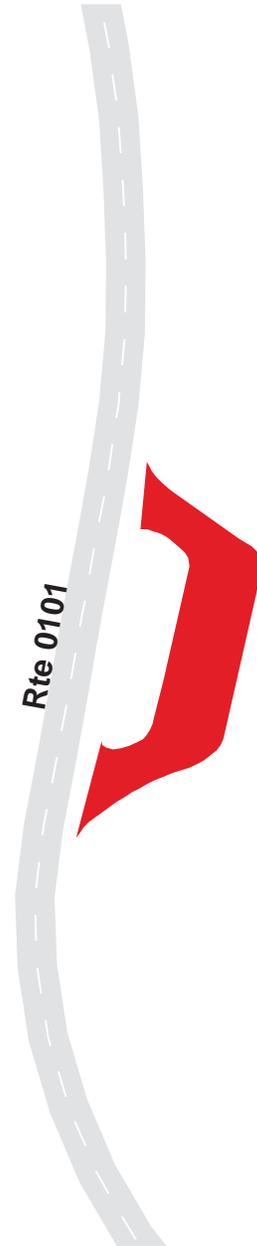
### DEERLODGE INFORMATION KIOSK PARKING AREA

FROM ROUTE 0101 AT MP 0.13

TO ROUTE 0101 AT MP 0.18

Route Number	Public / NonPublic	Date Visited		Area (sq ft)	Lane Miles *	Surface Type
0913	PUBLIC	9/26/2006		9,812	0.17	AS
Culverts	Drop Inlets	Gates	Fire Hydrants	Curb & Gutter	Curb	PCR
0	0	0	0	NO CURB AND GUTTER	NO CURB	GOOD/90

\* Lane miles are based on 11' lane widths



# DINOSAUR NATIONAL MONUMENT

## Route 0914

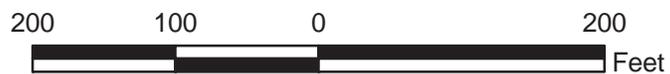
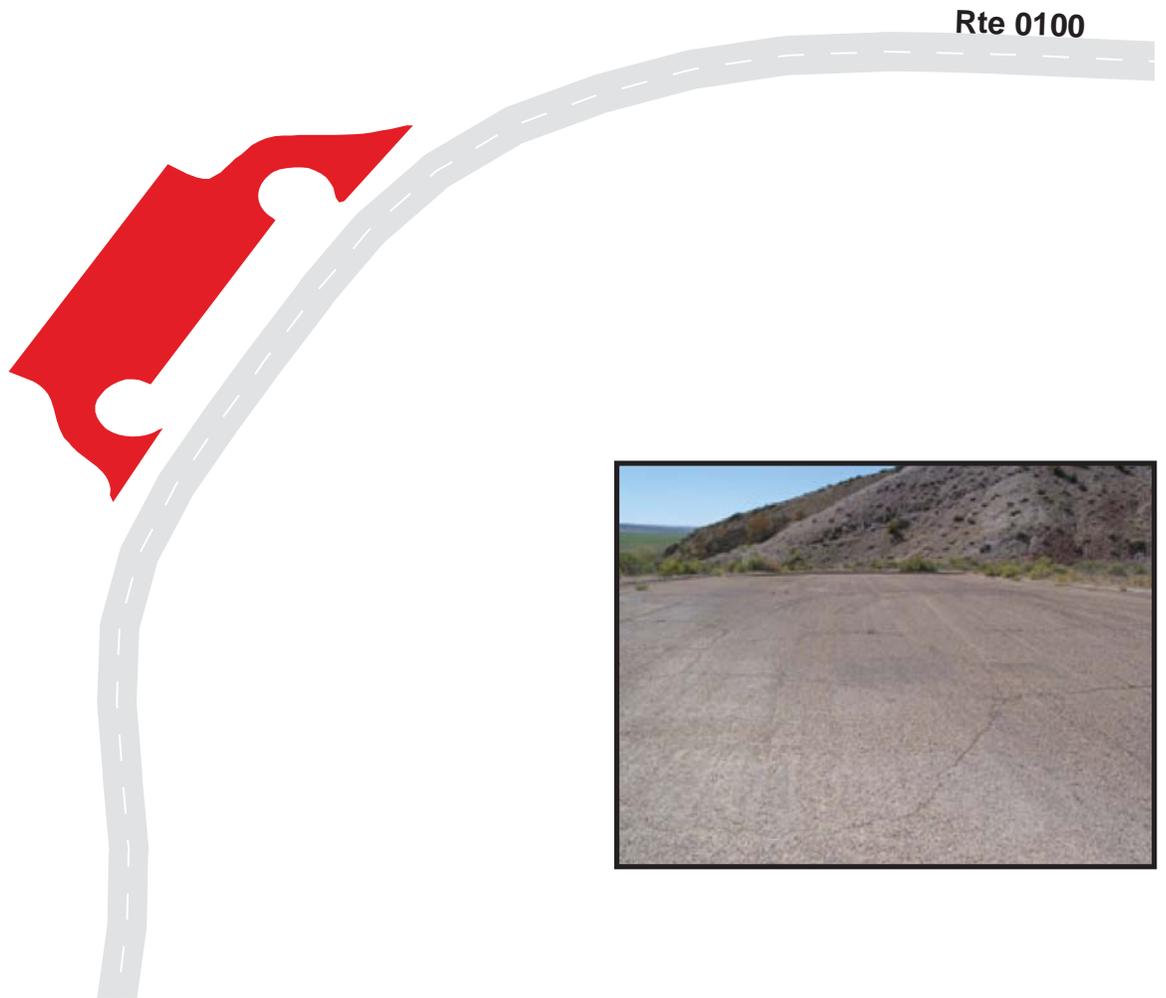
### QUARRY VISITOR CENTER MIDDLE PARKING LOT

FROM ROUTE 0100 AT MP 0.37

TO ROUTE 0100 AT MP 0.42

Route Number	Public / NonPublic	Date Visited		Area (sq ft)	Lane Miles *	Surface Type
0914	PUBLIC	9/26/2006		15,506	0.27	AS
Culverts	Drop Inlets	Gates	Fire Hydrants	Curb & Gutter	Curb	PCR
0	0	0	0	NO CURB AND GUTTER	NO CURB	POOR/45

\* Lane miles are based on 11' lane widths



# DINOSAUR NATIONAL MONUMENT

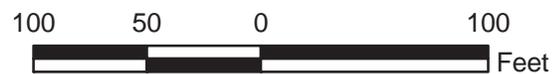
## Route 0915

### QUARRY EMPLOYEE PARKING

ADJACENT TO ROUTE 0403

Route Number	Public / NonPublic	Date Visited		Area (sq ft)	Lane Miles *	Surface Type
0915	NONPUBLIC	9/26/2006		6,652	0.12	AS
Culverts	Drop Inlets	Gates	Fire Hydrants	Curb & Gutter	Curb	PCR
0	0	0	0	NO CURB AND GUTTER	NO CURB	POOR/45

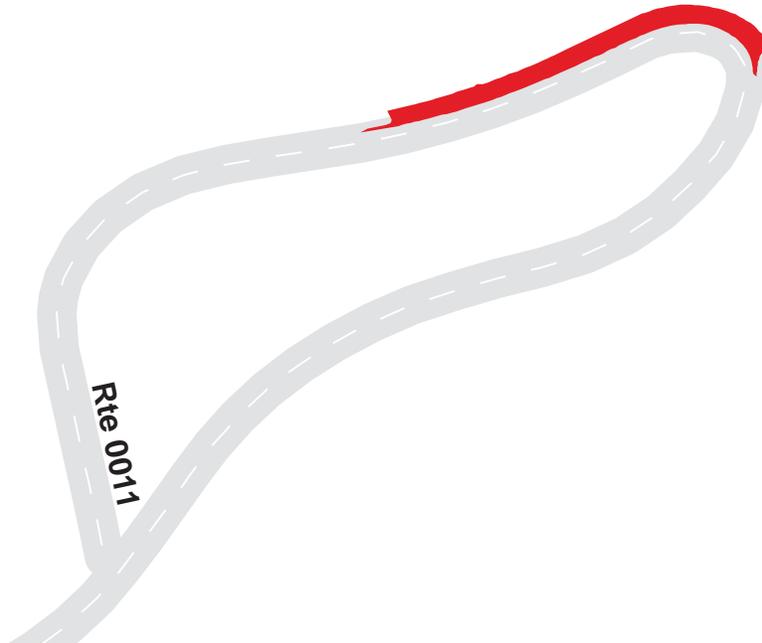
\* Lane miles are based on 11' lane widths



**DINOSAUR NATIONAL MONUMENT**  
**Route 0916A**  
**HARPERS CORNER PARKING AREA A**  
**ADJACENT TO ROUTE 0011 AT MP 31.64, ON RIGHT**

Route Number	Public / NonPublic	Date Visited		Area (sq ft)	Lane Miles *	Surface Type
0916A	PUBLIC	9/26/2006		13,264	0.23	AS
Culverts	Drop Inlets	Gates	Fire Hydrants	Curb & Gutter	Curb	PCR
0	0	0	0	NO CURB AND GUTTER	NO CURB	GOOD/90

\* Lane miles are based on 11' lane widths



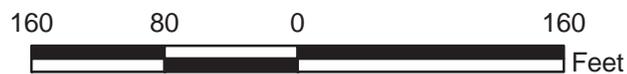
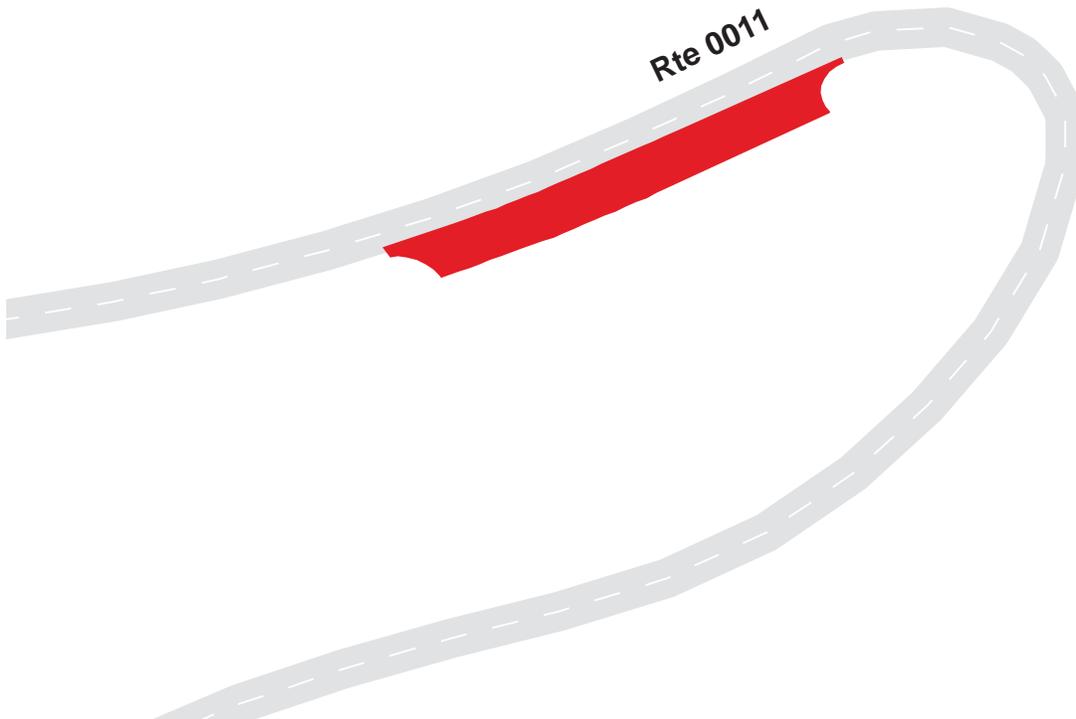
# DINOSAUR NATIONAL MONUMENT

## Route 0916B

HARPERS CORNER PARKING AREA B  
 ADJACENT TO ROUTE 0011 AT MP 31.67, ON LEFT

Route Number	Public / NonPublic	Date Visited		Area (sq ft)	Lane Miles *	Surface Type
0916B	PUBLIC	9/26/2006		5,881	0.10	AS
Culverts	Drop Inlets	Gates	Fire Hydrants	Curb & Gutter	Curb	PCR
0	0	0	0	NO CURB AND GUTTER	NO CURB	GOOD/90

\* Lane miles are based on 11' lane widths



# DINOSAUR NATIONAL MONUMENT

## Route 0917

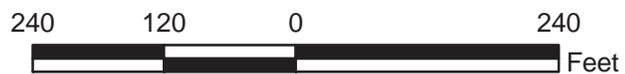
### QUARRY MAINTENANCE AREA

FROM ROUTE 0400 AT MP 0.24

TO ROUTE 0403 AT MP 0.04

Route Number	Public / NonPublic	Date Visited		Area (sq ft)	Lane Miles *	Surface Type
0917	NONPUBLIC	9/27/2006		28,275	0.49	AS
Culverts	Drop Inlets	Gates	Fire Hydrants	Curb & Gutter	Curb	PCR
0	0	0	0	NO CURB AND GUTTER	NO CURB	POOR/45

\* Lane miles are based on 11' lane widths



# DINOSAUR NATIONAL MONUMENT

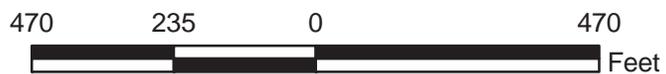
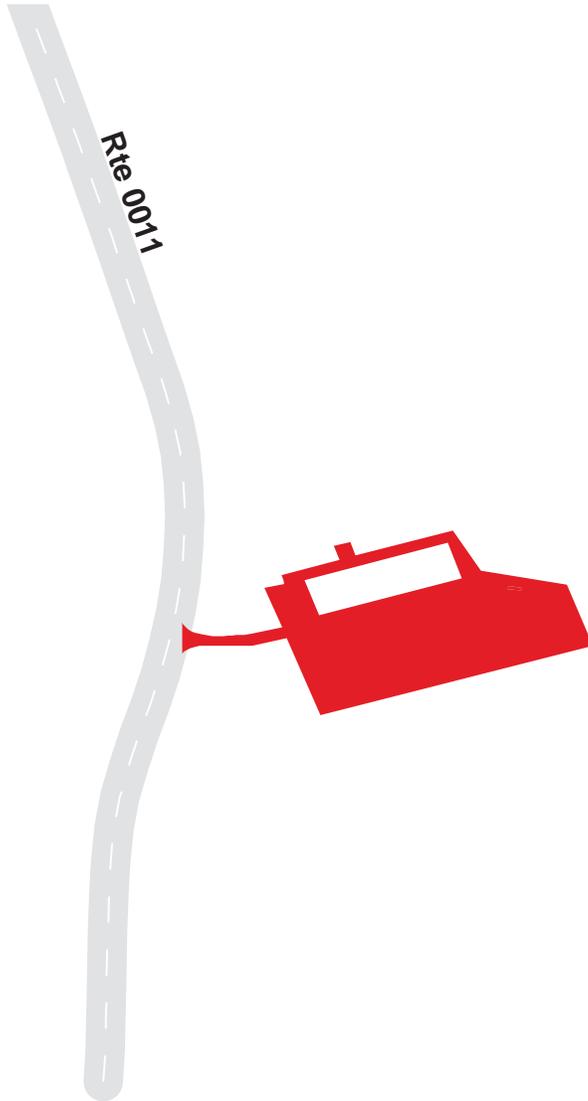
## Route 0918

### YAMPA MAINTENANCE PARKING AREA

ADJACENT TO ROUTE 0011 AT MP 0.14

Route Number	Public / NonPublic	Date Visited		Area (sq ft)	Lane Miles *	Surface Type
0918	NONPUBLIC	9/26/2006		66,950	1.15	AS
Culverts	Drop Inlets	Gates	Fire Hydrants	Curb & Gutter	Curb	PCR
0	0	0	0	NO CURB AND GUTTER	NO CURB	POOR/45

\* Lane miles are based on 11' lane widths



# DINOSAUR NATIONAL MONUMENT

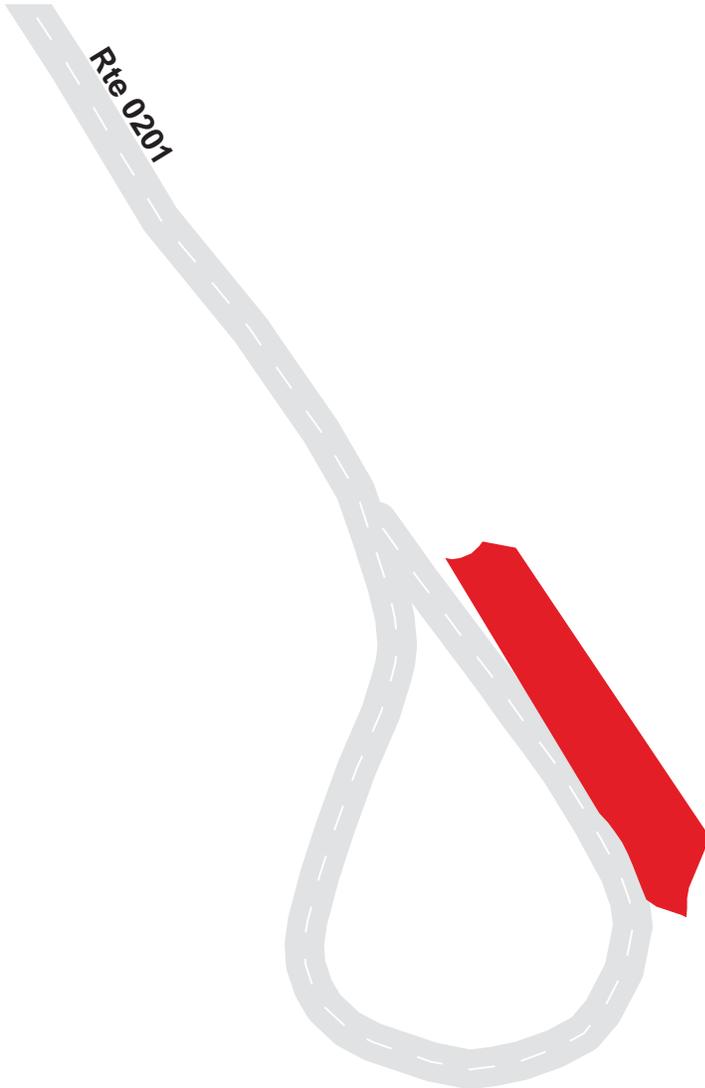
## Route 0919A

### CANYON OVERLOOK PARKING AREA A

ADJACENT TO ROUTE 0201

Route Number	Public / NonPublic	Date Visited		Area (sq ft)	Lane Miles *	Surface Type
0919A	PUBLIC	9/26/2006		3,352	0.06	AS
Culverts	Drop Inlets	Gates	Fire Hydrants	Curb & Gutter	Curb	PCR
0	0	0	0	NO CURB AND GUTTER	NO CURB	FAIR/73

\* Lane miles are based on 11' lane widths



# DINOSAUR NATIONAL MONUMENT

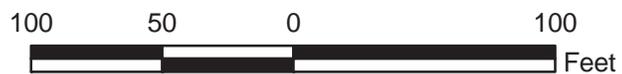
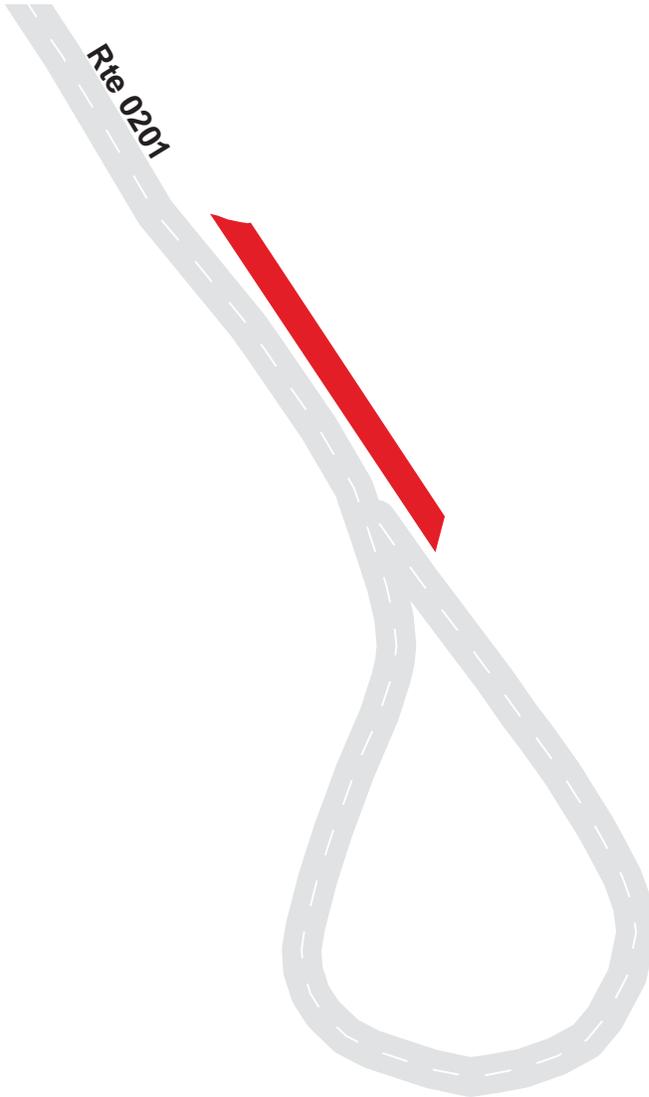
## Route 0919B

### CANYON OVERLOOK PARKING AREA B

ADJACENT TO ROUTE 0201

Route Number	Public / NonPublic	Date Visited		Area (sq ft)	Lane Miles *	Surface Type
0919B	PUBLIC	9/26/2006		1,185	0.02	AS
Culverts	Drop Inlets	Gates	Fire Hydrants	Curb & Gutter	Curb	PCR
0	0	0	0	NO CURB AND GUTTER	NO CURB	FAIR/73

\* Lane miles are based on 11' lane widths



# DINOSAUR NATIONAL MONUMENT

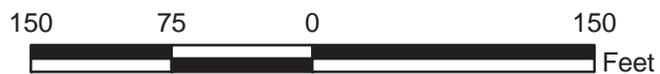
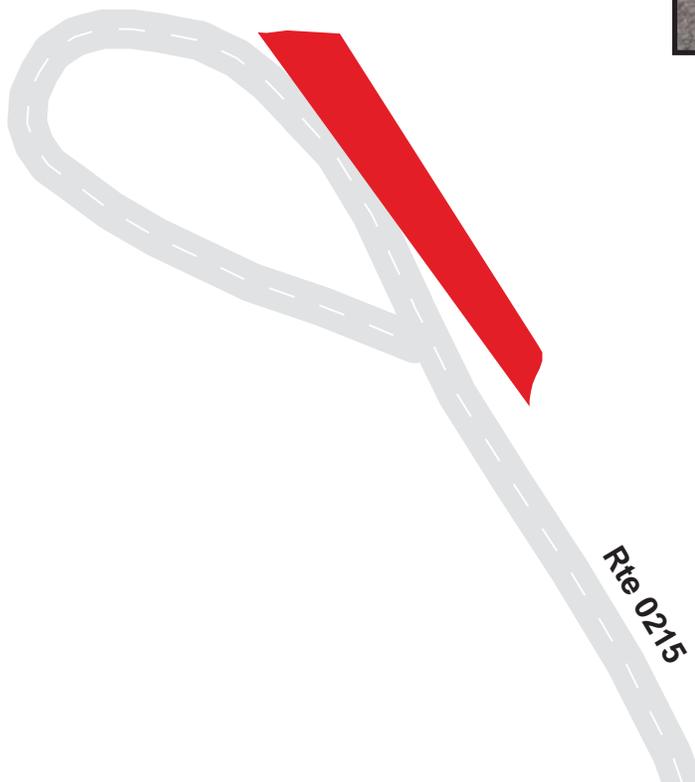
## Route 0920

### CANYON OVERLOOK LOWER ROAD PARKING AREA

ADJACENT TO ROUTE 0215

Route Number	Public / NonPublic	Date Visited		Area (sq ft)	Lane Miles *	Surface Type
0920	PUBLIC	9/26/2006		4,937	0.09	AS
Culverts	Drop Inlets	Gates	Fire Hydrants	Curb & Gutter	Curb	PCR
0	0	0	0	NO CURB AND GUTTER	NO CURB	GOOD/90

\* Lane miles are based on 11' lane widths



# DINOSAUR NATIONAL MONUMENT

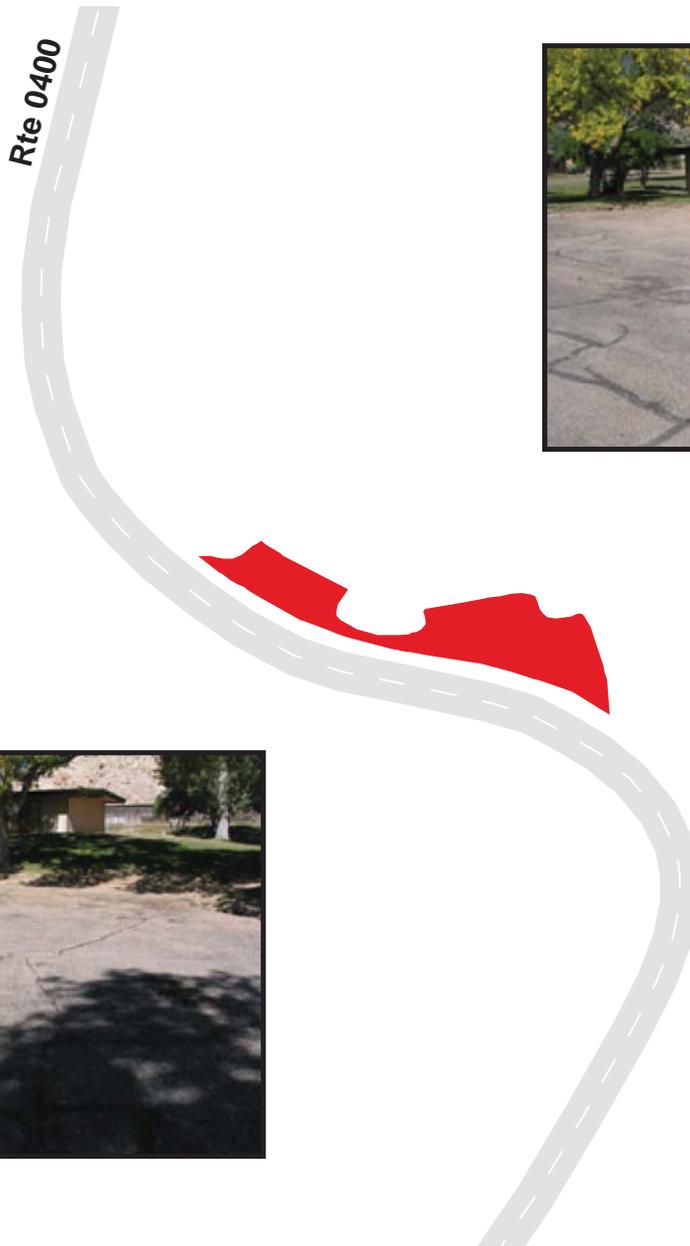
## Route 0921

### GRD SEASONAL HOUSING PARKING

ADJACENT TO ROUTE 0400

Route Number	Public / NonPublic	Date Visited		Area (sq ft)	Lane Miles *	Surface Type
0921	NONPUBLIC	9/26/2006		4,782	0.08	AS
Culverts	Drop Inlets	Gates	Fire Hydrants	Curb & Gutter	Curb	PCR
0	0	0	0	NO CURB AND GUTTER	NO CURB	POOR/45

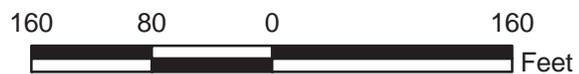
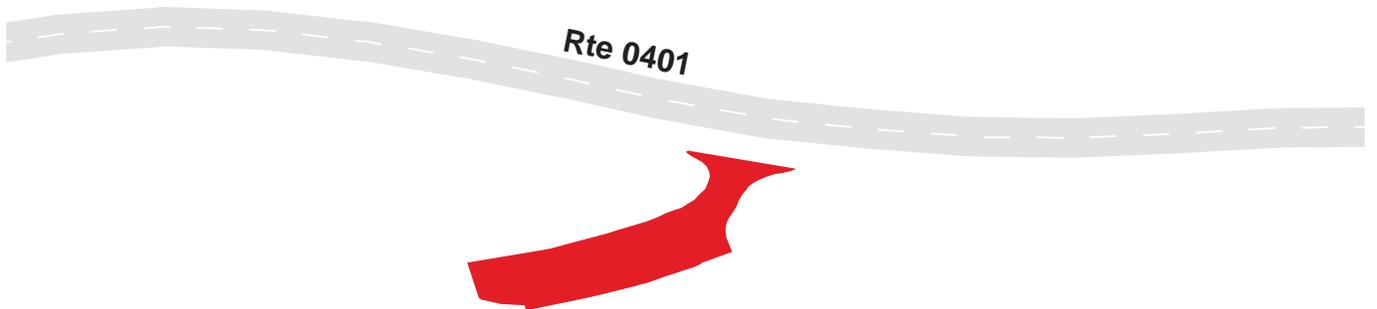
\* Lane miles are based on 11' lane widths



**DINOSAUR NATIONAL MONUMENT**  
**Route 0922A**  
**HEADQUARTERS QUARTERS PARKING AREA A**  
**ADJACENT TO ROUTE 0401 ON LEFT**

Route Number	Public / NonPublic	Date Visited		Area (sq ft)	Lane Miles *	Surface Type
0922A	NONPUBLIC	9/26/2006		5,802	0.10	AS
Culverts	Drop Inlets	Gates	Fire Hydrants	Curb & Gutter	Curb	PCR
0	0	0	0	NO CURB AND GUTTER	NO CURB	FAIR/73

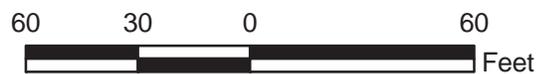
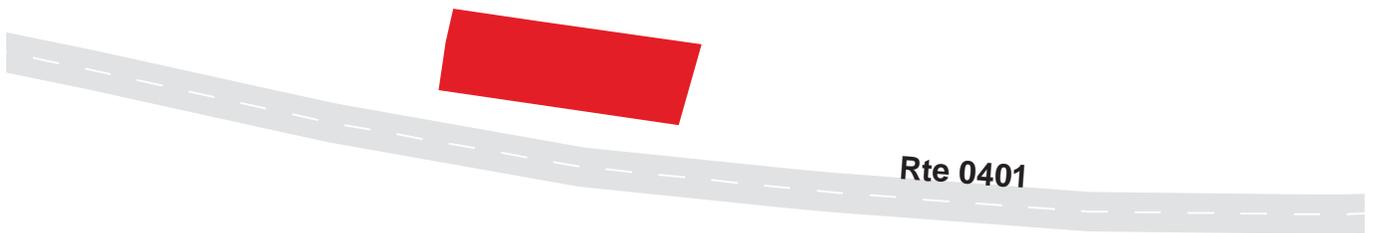
\* Lane miles are based on 11' lane widths



**DINOSAUR NATIONAL MONUMENT**  
**Route 0922B**  
**HEADQUARTERS QUARTERS PARKING AREA B**  
**ADJACENT TO ROUTE 0401 ON RIGHT**

Route Number	Public / NonPublic	Date Visited		Area (sq ft)	Lane Miles *	Surface Type
0922B	NONPUBLIC	9/26/2006		1,121	0.02	AS
Culverts	Drop Inlets	Gates	Fire Hydrants	Curb & Gutter	Curb	PCR
0	0	0	0	NO CURB AND GUTTER	NO CURB	GOOD/90

\* Lane miles are based on 11' lane widths



# DINOSAUR NATIONAL MONUMENT

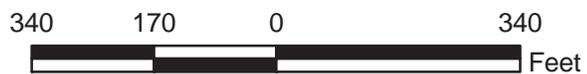
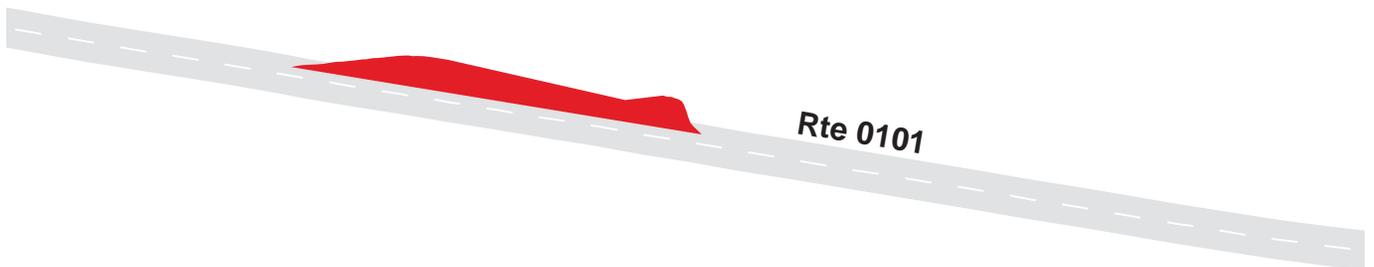
## Route 0923

YAMPA RIVER PARKING AREA AT MP 10.8

ADJACENT TO ROUTE 0101 AT MP 10.81

Route Number	Public / NonPublic	Date Visited		Area (sq ft)	Lane Miles *	Surface Type
0923	PUBLIC	9/26/2006		14,489	0.25	AS
Culverts	Drop Inlets	Gates	Fire Hydrants	Curb & Gutter	Curb	PCR
0	0	0	0	NO CURB AND GUTTER	NO CURB	FAIR/73

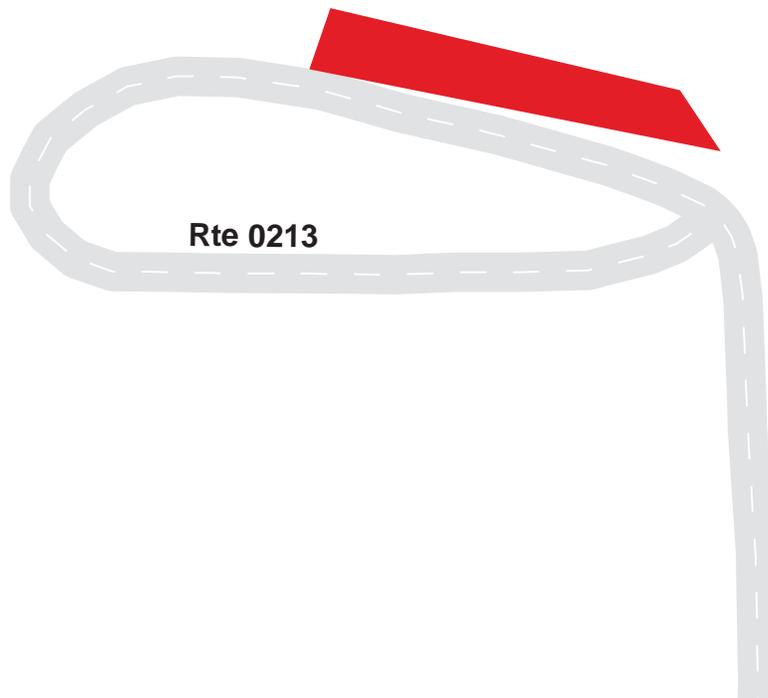
\* Lane miles are based on 11' lane widths



**DINOSAUR NATIONAL MONUMENT**  
**Route 0924**  
**CROSS MOUNTAIN GORGE PARKING AREA**  
**FROM CATTLE GUARD AT END OF ROUTE 0213**

Route Number	Public / NonPublic	Date Visited		Area (sq ft)	Lane Miles *	Surface Type
0924	PUBLIC	9/26/2006		2,559	0.04	AS
Culverts	Drop Inlets	Gates	Fire Hydrants	Curb & Gutter	Curb	PCR
0	0	0	0	NO CURB AND GUTTER	NO CURB	FAIR/73

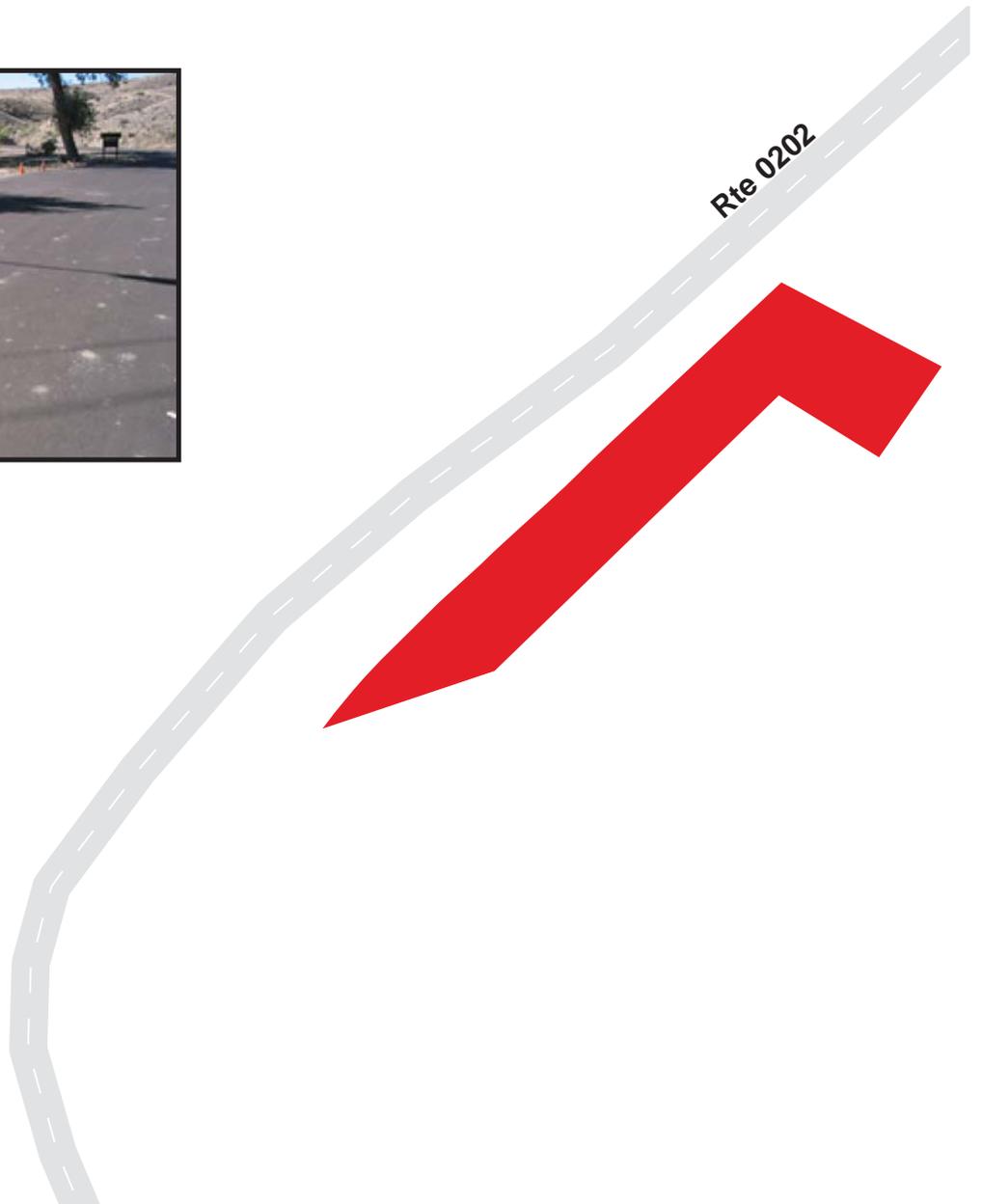
\* Lane miles are based on 11' lane widths



**DINOSAUR NATIONAL MONUMENT**  
**Route 0925A**  
 GREEN RIVER CAMPGROUND PARKING AREA A  
 ADJACENT TO ROUTE 0202

Route Number	Public / NonPublic	Date Visited		Area (sq ft)	Lane Miles *	Surface Type
0925A	PUBLIC	9/27/2006		1,930	0.03	AS
Culverts	Drop Inlets	Gates	Fire Hydrants	Curb & Gutter	Curb	PCR
0	0	0	0	NO CURB AND GUTTER	NO CURB	EXCELLENT/97

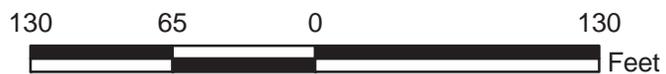
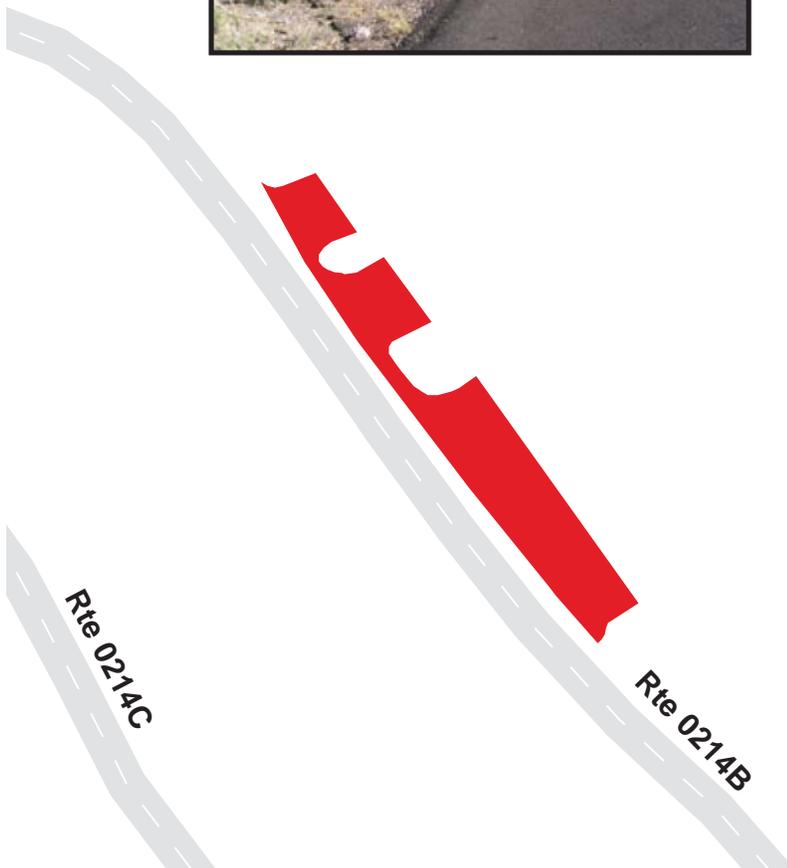
\* Lane miles are based on 11' lane widths



**DINOSAUR NATIONAL MONUMENT**  
**Route 0925B**  
**GREEN RIVER CAMPGROUND PARKING AREA B**  
**ADJACENT TO ROUTE 0214B**

Route Number	Public / NonPublic	Date Visited		Area (sq ft)	Lane Miles *	Surface Type
0925B	PUBLIC	9/27/2006		4,908	0.09	AS
Culverts	Drop Inlets	Gates	Fire Hydrants	Curb & Gutter	Curb	PCR
0	0	0	0	NO CURB AND GUTTER	NO CURB	EXCELLENT/97

\* Lane miles are based on 11' lane widths



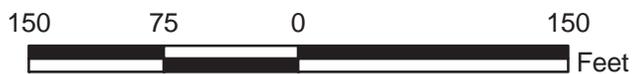
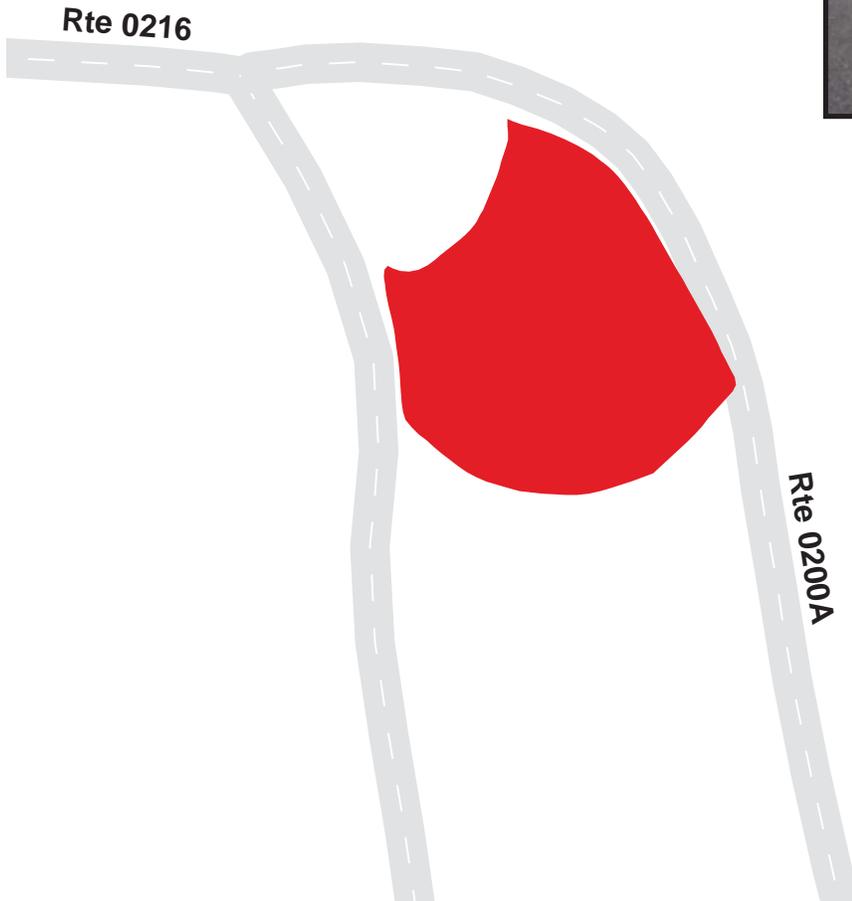
# DINOSAUR NATIONAL MONUMENT

## Route 0926

SPLIT MOUNTAIN CAMPGROUND BOAT TRAILER PARKING  
ADJACENT TO ROUTE 0200A

Route Number	Public / NonPublic	Date Visited		Area (sq ft)	Lane Miles *	Surface Type
0926	PUBLIC	9/27/2006		19,861	0.34	AS
Culverts	Drop Inlets	Gates	Fire Hydrants	Curb & Gutter	Curb	PCR
0	0	0	0	NO CURB AND GUTTER	NO CURB	EXCELLENT/97

\* Lane miles are based on 11' lane widths



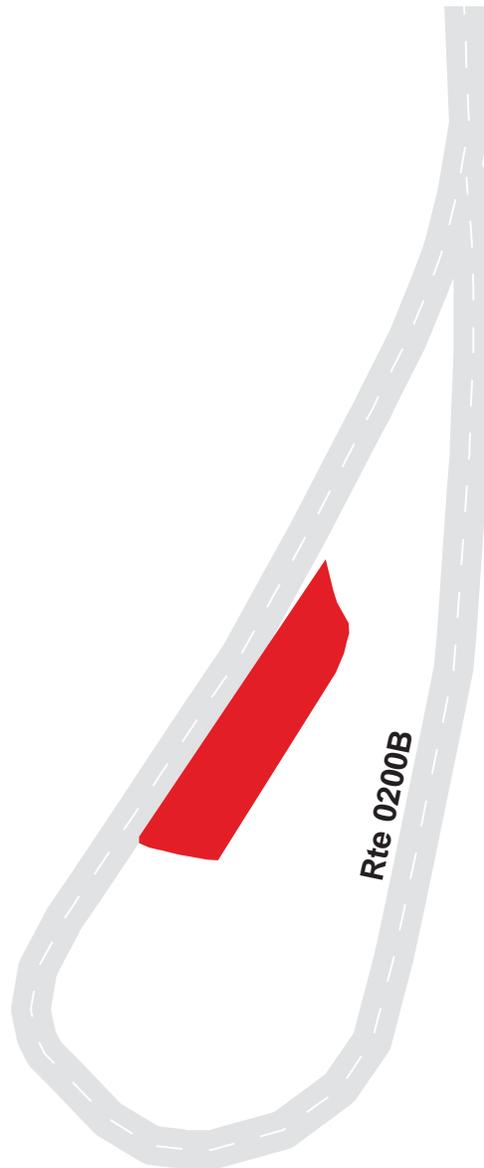
# DINOSAUR NATIONAL MONUMENT

## Route 0927A

SPLIT MOUNTAIN CAMPGROUND SPUR PARKING A  
ADJACENT TO ROUTE 0200B

Route Number	Public / NonPublic	Date Visited		Area (sq ft)	Lane Miles *	Surface Type
0927A	PUBLIC	9/27/2006		2,416	0.04	AS
Culverts	Drop Inlets	Gates	Fire Hydrants	Curb & Gutter	Curb	PCR
0	0	0	0	NO CURB AND GUTTER	NO CURB	POOR/45

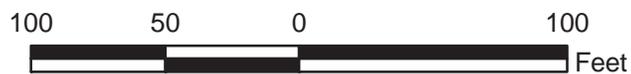
\* Lane miles are based on 11' lane widths



**DINOSAUR NATIONAL MONUMENT**  
**Route 0927B**  
**SPLIT MOUNTAIN CAMPGROUND SPUR PARKING B**  
**ADJACENT TO ROUTE 0200B**

Route Number	Public / NonPublic	Date Visited		Area (sq ft)	Lane Miles *	Surface Type
0927B	PUBLIC	9/27/2006		1,789	0.03	AS
Culverts	Drop Inlets	Gates	Fire Hydrants	Curb & Gutter	Curb	PCR
0	0	0	0	NO CURB AND GUTTER	NO CURB	POOR/45

\* Lane miles are based on 11' lane widths



# DINOSAUR NATIONAL MONUMENT

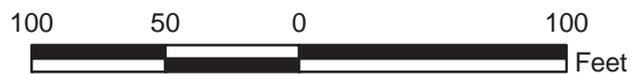
## Route 0928

### GREEN RIVER KIOSK PARKING AREA

ADJACENT TO ROUTE 0010

Route Number	Public / NonPublic	Date Visited		Area (sq ft)	Lane Miles *	Surface Type
0928	PUBLIC	9/27/2006		4,287	0.07	AS
Culverts	Drop Inlets	Gates	Fire Hydrants	Curb & Gutter	Curb	PCR
0	0	0	0	NO CURB AND GUTTER	NO CURB	EXCELLENT/97

\* Lane miles are based on 11' lane widths



# Dinosaur National Monument



## **Section 8** **Parkwide / Route Maintenance** **Features Summaries**

## DINO: PARKWIDE MAINTENANCE FEATURES SUMMARY

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

<b>FEATURE</b>	<b>LINEAR FEET</b>	<b>COUNT</b>
BARRIER	11,289	--
BOLLARD	127	--
BRIDGE	--	1
CABLE	0	--
CATTLE GUARD	--	13
CULVERT	--	326
CURB	119,038	--
DROP INLET	--	31
FIRE HYDRANT	--	3
GATE	--	16
GUARD/GUIDE RAIL	11,162	--
GUARD/GUIDE WALL	127	--
INTERSECTION	--	198
LOW WATER CROSSING	0	0
MILE MARKER	--	0
OVERPASS	--	0
OVERHEAD SIGN	--	0
PARK BOUNDARY	--	6
PAVED DITCH	32	--
PULLOUT	--	15
RAILROAD CROSSING	--	0
RETAINING WALL	--	0
SIGN	--	303
STATE BOUNDARY	--	1
TEMPORARY BARRIER	0	--
TRAFFIC LIGHT	--	0
TUNNEL	--	0
TURNOUT	0	--

## DINO: ROUTE MAINTENANCE FEATURES SUMMARY

FEATURE	ROUTE 0010 GRD MAIN ENTRANCE ROAD	ROUTE 0011 HARPERS CORNER ROAD	ROUTE 0100 QUARRY ACCESS ROAD	ROUTE 0101 DEERLODGE ENTRANCE ROAD	ROUTE 0200A SPLIT MOUNTAIN CAMPGROUND LOOP ROAD	ROUTE 0200B SPLIT MOUNTAIN CAMPGROUND SPUR ROAD	UNIT
BARRIER	3,585	7,276	253	0	26	0	LINEAR FEET
BOLLARD	0	100	0	0	26	0	LINEAR FEET
BRIDGE	1	0	0	0	0	0	EACH
CABLE	0	0	0	0	0	0	LINEAR FEET
CATTLE GUARD	4	5	0	1	0	0	EACH
CULVERT	78	129	6	89	0	1	EACH
CURB	6,869	92,448	158	16,991	0	0	LINEAR FEET
DROP INLET	6	19	1	2	0	0	EACH
FIRE HYDRANT	0	0	0	0	0	0	EACH
GATE	0	4	2	0	2	2	EACH
GUARD/GUIDE RAIL	3,585	7,176	253	0	0	0	LINEAR FEET
GUARD/GUIDE WALL	0	100	0	0	26	0	LINEAR FEET
INTERSECTION	14	32	8	19	10	8	EACH
LOW WATER CROSSING	0	0	0	0	0	0	EACH
LOW WATER CROSSING	0	0	0	0	0	0	LINEAR FEET
MILE MARKER	0	0	0	0	0	0	EACH
OVERHEAD SIGN	0	0	0	0	0	0	EACH
OVERPASS	0	0	0	0	0	0	EACH
PARK BOUNDARY	3	1	0	1	0	0	EACH
PAVED DITCH	0	32	0	0	0	0	LINEAR FEET
PULLOUT	11	0	0	0	0	0	EACH
RAILROAD CROSSING	0	0	0	0	0	0	EACH
RETAINING WALL	0	0	0	0	0	0	EACH
SIGN	64	120	11	21	7	2	EACH
STATE BOUNDARY	0	1	0	0	0	0	EACH
TEMPORARY BARRIER	0	0	0	0	0	0	LINEAR FEET
TRAFFIC LIGHT	0	0	0	0	0	0	EACH
TUNNEL	0	0	0	0	0	0	EACH
TURNOUT	0	0	0	0	0	0	LINEAR FEET

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

## DINO: ROUTE MAINTENANCE FEATURES SUMMARY

FEATURE	ROUTE 0201 CANYON OVERLOOK ROAD	ROUTE 0202 GREEN RIVER CAMPGROUND ACCESS ROAD	ROUTE 0213 CROSS MOUNTAIN GORGE ROAD	ROUTE 0214A GREEN RIVER CAMPGROUND LOOP ROAD A	ROUTE 0214B GREEN RIVER CAMPGROUND LOOP ROAD B	ROUTE 0214C GREEN RIVER CAMPGROUND LOOP ROAD C	UNIT
BARRIER	0	0	0	0	0	0	LINEAR FEET
BOLLARD	0	0	0	0	0	0	LINEAR FEET
BRIDGE	0	0	0	0	0	0	EACH
CABLE	0	0	0	0	0	0	LINEAR FEET
CATTLE GUARD	1	0	2	0	0	0	EACH
CULVERT	0	3	1	0	0	0	EACH
CURB	32	0	121	0	0	0	LINEAR FEET
DROP INLET	2	0	0	0	0	0	EACH
FIRE HYDRANT	0	0	0	0	0	0	EACH
GATE	0	1	0	1	0	0	EACH
GUARD/GUIDE RAIL	0	0	0	0	0	0	LINEAR FEET
GUARD/GUIDE WALL	0	0	0	0	0	0	LINEAR FEET
INTERSECTION	9	7	6	6	7	7	EACH
LOW WATER CROSSING	0	0	0	0	0	0	EACH
LOW WATER CROSSING	0	0	0	0	0	0	LINEAR FEET
MILE MARKER	0	0	0	0	0	0	EACH
OVERHEAD SIGN	0	0	0	0	0	0	EACH
OVERPASS	0	0	0	0	0	0	EACH
PARK BOUNDARY	1	0	0	0	0	0	EACH
PAVED DITCH	0	0	0	0	0	0	LINEAR FEET
PULLOUT	0	0	0	0	0	0	EACH
RAILROAD CROSSING	0	0	0	0	0	0	EACH
RETAINING WALL	0	0	0	0	0	0	EACH
SIGN	4	12	1	5	9	6	EACH
STATE BOUNDARY	0	0	0	0	0	0	EACH
TEMPORARY BARRIER	0	0	0	0	0	0	LINEAR FEET
TRAFFIC LIGHT	0	0	0	0	0	0	EACH
TUNNEL	0	0	0	0	0	0	EACH
TURNOUT	0	0	0	0	0	0	LINEAR FEET

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

## DINO: ROUTE MAINTENANCE FEATURES SUMMARY

FEATURE	ROUTE 0214D GREEN RIVER CAMPGROUND LOOP ROAD D	ROUTE 0214E GREEN RIVER CAMPGROUND LOOP ROAD E	ROUTE 0215 CANYON OVERLOOK LOWER ROAD	ROUTE 0216 SPLIT MOUNTAIN CAMPGROUND ACCESS ROAD	ROUTE 0217 IRON SPRINGS BENCH OVERLOOK ROAD	ROUTE 0218 ISLAND PARK OVERLOOK ROAD	UNIT
BARRIER	0	0	0	148	0	0	LINEAR FEET
BOLLARD	0	0	0	0	0	0	LINEAR FEET
BRIDGE	0	0	0	0	0	0	EACH
CABLE	0	0	0	0	0	0	LINEAR FEET
CATTLE GUARD	0	0	0	0	0	0	EACH
CULVERT	0	0	0	6	0	0	EACH
CURB	0	0	1,003	137	549	322	LINEAR FEET
DROP INLET	0	0	1	0	0	0	EACH
FIRE HYDRANT	0	0	0	0	0	0	EACH
GATE	0	2	0	1	0	0	EACH
GUARD/GUIDE RAIL	0	0	0	148	0	0	LINEAR FEET
GUARD/GUIDE WALL	0	0	0	0	0	0	LINEAR FEET
INTERSECTION	6	5	6	5	7	6	EACH
LOW WATER CROSSING	0	0	0	0	0	0	EACH
LOW WATER CROSSING	0	0	0	0	0	0	LINEAR FEET
MILE MARKER	0	0	0	0	0	0	EACH
OVERHEAD SIGN	0	0	0	0	0	0	EACH
OVERPASS	0	0	0	0	0	0	EACH
PARK BOUNDARY	0	0	0	0	0	0	EACH
PAVED DITCH	0	0	0	0	0	0	LINEAR FEET
PULLOUT	0	0	0	4	0	0	EACH
RAILROAD CROSSING	0	0	0	0	0	0	EACH
RETAINING WALL	0	0	0	0	0	0	EACH
SIGN	3	2	1	18	1	1	EACH
STATE BOUNDARY	0	0	0	0	0	0	EACH
TEMPORARY BARRIER	0	0	0	0	0	0	LINEAR FEET
TRAFFIC LIGHT	0	0	0	0	0	0	EACH
TUNNEL	0	0	0	0	0	0	EACH
TURNOUT	0	0	0	0	0	0	LINEAR FEET

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

## DINO: ROUTE MAINTENANCE FEATURES SUMMARY

FEATURE	ROUTE 0219 ESCALANTE OVERLOOK ROAD	ROUTE 0223 LOWER VISITOR CENTER SHUTTLE BUS PICKUP ROAD	ROUTE 0400 QUARRY RESIDENTIAL ROAD	ROUTE 0401 HEADQUARTERS QUARTERS ROAD	ROUTE 0403 WASTEWATER ROAD	UNIT
BARRIER	0	0	0	0	0	LINEAR FEET
BOLLARD	0	0	0	0	0	LINEAR FEET
BRIDGE	0	0	0	0	0	EACH
CABLE	0	0	0	0	0	LINEAR FEET
CATTLE GUARD	0	0	0	0	0	EACH
CULVERT	0	0	2	11	0	EACH
CURB	0	370	37	0	0	LINEAR FEET
DROP INLET	0	0	0	0	0	EACH
FIRE HYDRANT	0	0	2	1	0	EACH
GATE	0	1	0	0	0	EACH
GUARD/GUIDE RAIL	0	0	0	0	0	LINEAR FEET
GUARD/GUIDE WALL	0	0	0	0	0	LINEAR FEET
INTERSECTION	6	5	8	6	5	EACH
LOW WATER CROSSING	0	0	0	0	0	EACH
LOW WATER CROSSING	0	0	0	0	0	LINEAR FEET
MILE MARKER	0	0	0	0	0	EACH
OVERHEAD SIGN	0	0	0	0	0	EACH
OVERPASS	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	0	0	0	0	EACH
RAILROAD CROSSING	0	0	0	0	0	EACH
RETAINING WALL	0	0	0	0	0	EACH
SIGN	1	3	6	5	0	EACH
STATE BOUNDARY	0	0	0	0	0	EACH
TEMPORARY BARRIER	0	0	0	0	0	LINEAR FEET
TRAFFIC LIGHT	0	0	0	0	0	EACH
TUNNEL	0	0	0	0	0	EACH
TURNOUT	0	0	0	0	0	LINEAR FEET

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

## DINO: STRUCTURE LIST

<b>ROUTE NUMBER</b>	<b>FUNCTIONAL CLASS</b>	<b>MILEPOST START</b>	<b>MILEPOST END</b>	<b>FEATURE</b>	<b>STRUCTURE NUMBER</b>
0010	1	7.183	7.259	BRIDGE	1400-001

# Dinosaur National Monument



## **Section 9**

### **Park Route Maintenance Features**

### **Road Logs**

# DINO: ROUTE MAINTENANCE FEATURES ROAD LOG

## ROUTE 0010: GRD MAIN ENTRANCE ROAD

<b>FROM MILEPOST</b>	<b>TO MILEPOST</b>	<b>FEATURE</b>	<b>SIDE</b>	<b>COMMENT</b>
0.000	0.000	ROUTE BEGIN	N/A	FROM PARK BOUNDARY BEFORE PARK ENTRANCE SIGN
0.000	0.000	PARK BOUNDARY	N/A	
0.000	0.000	SIGN	RIGHT	WARNING, ROAD DAMAGE
0.000	0.000	INTERSECTION	N/A	ROUTE 0010 (GRD MAIN ENTRANCE ROAD)
0.005	0.005	CATTLE GUARD	N/A	
0.008	0.062	PULLOUT	RIGHT	
0.017	0.060	PULLOUT	LEFT	
0.042	0.042	SIGN	RIGHT	GUIDE, DINOSAUR NATIONAL MONUMENT FOSSIL BONE QUARRY
0.042	0.042	SIGN	LEFT	GUIDE, DINOSAUR NATIONAL MONUMENT FOSSIL BONE QUARRY
0.084	0.084	SIGN	RIGHT	GUIDE, DRIVING OFF ROAD PROHIBITED
0.143	0.143	SIGN	RIGHT	GUIDE, HUNTING TRAPPING LOADED FIREARMS PROHIBITED
0.209	0.209	CULVERT	N/A	
0.256	0.256	INTERSECTION	RIGHT	ROUTE 0928 (GREEN RIVER KIOSK PARKING AREA)
0.310	0.717	GUARD/GUIDE RAIL	RIGHT	
0.318	0.318	CULVERT	N/A	
0.359	0.359	CULVERT	N/A	
0.388	0.388	CULVERT	N/A	
0.427	0.427	CULVERT	N/A	
0.465	0.465	CULVERT	N/A	
0.513	0.513	CULVERT	N/A	
0.596	0.596	CULVERT	N/A	
0.658	0.658	CULVERT	N/A	
0.717	0.749	PULLOUT	RIGHT	
0.755	0.755	SIGN	RIGHT	WARNING, WATCH FOR WILDLIFE AHEAD
0.801	0.801	CULVERT	N/A	
0.830	0.830	SIGN	RIGHT	GUIDE, ATTENTION HUNTERS LOADED WEAPONS PROHIBITED WEAPONS MUST BE BROKEN DOWN AND-OR CASED QUESTIONS ASK A
0.841	0.841	CULVERT	N/A	
0.930	0.930	CULVERT	N/A	
1.049	1.049	CULVERT	N/A	
1.109	1.109	CULVERT	N/A	
1.136	1.136	SIGN	RIGHT	WARNING, SPEED LIMIT 35
1.267	1.267	SIGN	RIGHT	REGULATORY, SPEED LIMIT 35

# DINO: ROUTE MAINTENANCE FEATURES ROAD LOG

## ROUTE 0010: GRD MAIN ENTRANCE ROAD

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
1.359	1.359	CULVERT	N/A	
1.364	1.364	SIGN	RIGHT	WARNING, SPEED LIMIT 25
1.395	1.395	CULVERT	N/A	
1.525	1.525	CULVERT	N/A	
1.550	1.550	SIGN	RIGHT	REGULATORY, SPEED LIMIT 25
1.552	1.552	SIGN	RIGHT	REGULATORY, SPEED LIMIT 45
1.584	1.584	SIGN	RIGHT	GUIDE, STOP AHEAD PAY ENTRANCE FEE
1.643	1.643	SIGN	RIGHT	REGULATORY, BUCKLE UP IT'S THE LAW
1.672	1.672	CULVERT	N/A	
1.679	1.723	CURB	LEFT	
1.701	1.701	SIGN	LEFT	GUIDE, DINOSAUR NATIONAL MONUMENT ENTRANCE FEES
1.710	1.710	SIGN	LEFT	GUIDE, NATIONAL PARK SERVICE
1.713	1.713	SIGN	RIGHT	REGULATORY, STOP
1.734	1.734	CULVERT	N/A	
1.748	1.748	SIGN	RIGHT	GUIDE, CAMPGROUNDS VISITOR CENTER
1.752	1.752	INTERSECTION	LEFT	ROUTE 0100 (QUARRY ACCESS ROAD)
1.791	1.791	SIGN	RIGHT	GUIDE, AUTO TOUR ROAD GUIDES
1.824	1.824	CULVERT	N/A	
1.828	1.828	SIGN	RIGHT	GUIDE, US 40 7MI VISITOR CENTER
1.862	1.862	SIGN	RIGHT	REGULATORY, GRAPHIC SIGN, NO TEXT
1.908	1.908	SIGN	RIGHT	REGULATORY, SPEED LIMIT 25
1.976	1.976	CULVERT	N/A	
1.992	1.992	INTERSECTION	LEFT	ROUTE 0400 (QUARRY RESIDENTIAL ROAD)
2.011	2.011	SIGN	RIGHT	GUIDE, CAMPGROUNDS
2.016	2.016	SIGN	RIGHT	GUIDE, QUARRY
2.019	2.019	CULVERT	N/A	
2.080	2.080	CULVERT	N/A	
2.089	2.089	SIGN	RIGHT	REGULATORY, SPEED LIMIT 45
2.090	2.090	SIGN	RIGHT	WARNING, SPEED LIMIT 25
2.182	2.182	CULVERT	N/A	
2.218	2.218	SIGN	RIGHT	REGULATORY, SPEED LIMIT 35
2.270	2.270	CULVERT	N/A	
2.342	2.342	SIGN	RIGHT	WARNING, SPEED LIMIT 35
2.452	2.452	CULVERT	N/A	

# DINO: ROUTE MAINTENANCE FEATURES ROAD LOG

## ROUTE 0010: GRD MAIN ENTRANCE ROAD

<b>FROM MILEPOST</b>	<b>TO MILEPOST</b>	<b>FEATURE</b>	<b>SIDE</b>	<b>COMMENT</b>
2.573	2.573	CULVERT	N/A	
2.625	2.625	SIGN	RIGHT	WARNING, GRAPHIC SIGN, NO TEXT
2.668	2.668	CULVERT	N/A	
2.679	2.705	PULLOUT	LEFT	
2.694	2.694	SIGN	RIGHT	REGULATORY, 1
2.700	2.731	PULLOUT	RIGHT	
2.769	2.769	CULVERT	N/A	
2.792	2.792	SIGN	RIGHT	WARNING, GRAPHIC SIGN, NO TEXT
2.900	2.900	CULVERT	N/A	
2.943	2.943	CULVERT	N/A	
3.023	3.023	CULVERT	N/A	
3.133	3.133	CULVERT	N/A	
3.193	3.193	CULVERT	N/A	
3.243	3.243	CULVERT	N/A	
3.388	3.388	CULVERT	N/A	
3.517	3.517	CULVERT	N/A	
3.535	3.535	SIGN	RIGHT	GUIDE, SOUND OF SILENCE HIKING TRAIL
3.535	3.535	SIGN	RIGHT	REGULATORY, 2
3.545	3.589	PULLOUT	LEFT	
3.607	3.607	CULVERT	N/A	
3.917	3.917	CULVERT	N/A	
4.037	4.074	PULLOUT	RIGHT	
4.126	4.126	CULVERT	N/A	
4.284	4.284	CULVERT	N/A	
4.300	4.300	SIGN	RIGHT	REGULATORY, SPEED LIMIT 45
4.333	4.333	SIGN	RIGHT	GUIDE, GREEN RIVER CAMPGROUND 2MI SPLIT MTN. AREA 1 MI BOAT RAMP GROUP CAMPGROUND PICNIC AREA NATURE TRAIL
4.349	4.349	SIGN	RIGHT	REGULATORY, GRAPHIC SIGN, NO TEXT
4.352	4.352	CULVERT	N/A	
4.355	4.420	CURB	RIGHT	
4.408	4.408	CULVERT	N/A	
4.410	4.410	INTERSECTION	LEFT	ROUTE 0216 (SPLIT MOUNTAIN CAMPGROUND ACCESS ROAD)
4.457	4.457	SIGN	RIGHT	GUIDE, VISITOR CENTER 3MI U S 40 8MI SPLIT MTN. AREA 1MI BOAT RAMP GROUP CAMPGROUND PICNIC AREA NATURE TRAI

# DINO: ROUTE MAINTENANCE FEATURES ROAD LOG

## ROUTE 0010: GRD MAIN ENTRANCE ROAD

<b>FROM MILEPOST</b>	<b>TO MILEPOST</b>	<b>FEATURE</b>	<b>SIDE</b>	<b>COMMENT</b>
4.494	4.494	CULVERT	N/A	
4.532	4.532	SIGN	RIGHT	REGULATORY, SPEED LIMIT 45
4.533	4.533	CULVERT	N/A	
4.667	4.667	CULVERT	N/A	
4.705	4.830	CURB	RIGHT	
4.829	4.829	CULVERT	N/A	
5.001	5.001	CULVERT	N/A	
5.152	5.152	CULVERT	N/A	
5.395	5.395	SIGN	RIGHT	WARNING, WATCH FOR WILDLIFE AHEAD
5.466	5.466	SIGN	RIGHT	GUIDE, SCENIC OVERLOOK 300 FT
5.503	5.503	CULVERT	N/A	
5.541	5.541	SIGN	RIGHT	REGULATORY, 6
5.562	5.726	CURB	RIGHT	
5.564	5.564	INTERSECTION	LEFT	ROUTE 0902 (GREEN RIVER CAMPGROUND OVERLOOK)
5.625	5.625	INTERSECTION	LEFT	ROUTE 0902 (GREEN RIVER CAMPGROUND OVERLOOK)
5.638	5.806	CURB	LEFT	
5.720	5.720	DROP INLET	RIGHT	
5.722	5.722	DROP INLET	LEFT	
5.787	5.787	CULVERT	N/A	
5.799	6.094	CURB	RIGHT	
5.825	5.825	SIGN	RIGHT	REGULATORY, SPEED LIMIT 45
5.862	5.862	SIGN	RIGHT	GUIDE, GREEN RIVER CAMPGROUND
5.907	5.907	INTERSECTION	LEFT	ROUTE 0202 (GREEN RIVER CAMPGROUND ACCESS ROAD)
5.922	5.922	DROP INLET	RIGHT	
5.976	5.976	SIGN	RIGHT	GUIDE, GREEN RIVER CAMPGROUND
6.003	6.003	SIGN	RIGHT	REGULATORY, SPEED LIMIT 45
6.011	6.011	DROP INLET	RIGHT	
6.102	6.102	CULVERT	N/A	
6.240	6.240	INTERSECTION	RIGHT	UNPAVED ROUTE
6.254	6.254	CULVERT	N/A	
6.282	6.303	PULLOUT	RIGHT	
6.286	6.286	SIGN	RIGHT	REGULATORY, 7
6.380	6.380	CULVERT	N/A	
6.580	6.580	CULVERT	N/A	

# DINO: ROUTE MAINTENANCE FEATURES ROAD LOG

## ROUTE 0010: GRD MAIN ENTRANCE ROAD

<b>FROM MILEPOST</b>	<b>TO MILEPOST</b>	<b>FEATURE</b>	<b>SIDE</b>	<b>COMMENT</b>
6.863	6.863	CULVERT	N/A	
6.936	6.936	SIGN	RIGHT	REGULATORY, 8
6.940	6.940	INTERSECTION	RIGHT	UNPAVED ROUTE
7.038	7.059	PULLOUT	RIGHT	
7.059	7.059	CATTLE GUARD	N/A	
7.095	7.095	CULVERT	N/A	
7.112	7.112	SIGN	RIGHT	WARNING, GRAPHIC SIGN, NO TEXT
7.150	7.180	GUARD/GUIDE RAIL	RIGHT	
7.157	7.179	GUARD/GUIDE RAIL	LEFT	
7.177	7.177	SIGN	RIGHT	GUIDE, GREEN RIVER
7.178	7.262	GUARD/GUIDE RAIL	LEFT	
7.179	7.263	GUARD/GUIDE RAIL	RIGHT	
7.183	7.259	BRIDGE	N/A	1400-001
7.261	7.291	GUARD/GUIDE RAIL	LEFT	
7.262	7.284	GUARD/GUIDE RAIL	RIGHT	
7.264	7.264	SIGN	RIGHT	GUIDE, GREEN RIVER
7.312	7.312	CULVERT	N/A	
7.358	7.358	SIGN	RIGHT	REGULATORY, 9
7.628	7.628	CULVERT	N/A	
7.712	7.712	CULVERT	N/A	
7.879	7.879	CULVERT	N/A	
7.920	7.920	CULVERT	N/A	
7.952	7.952	CULVERT	N/A	
7.959	7.959	SIGN	RIGHT	WARNING, WATCH FOR WILDLIFE AHEAD
7.965	8.114	CURB	RIGHT	
7.986	8.105	CURB	LEFT	
8.113	8.113	CULVERT	N/A	
8.150	8.174	PULLOUT	RIGHT	
8.199	8.199	CULVERT	N/A	
8.265	8.265	CULVERT	N/A	
8.351	8.351	CULVERT	N/A	
8.405	8.405	SIGN	RIGHT	WARNING, GRAPHIC SIGN, NO TEXT
8.413	8.413	CULVERT	N/A	
8.496	8.496	CATTLE GUARD	N/A	

# DINO: ROUTE MAINTENANCE FEATURES ROAD LOG

## ROUTE 0010: GRD MAIN ENTRANCE ROAD

<b>FROM MILEPOST</b>	<b>TO MILEPOST</b>	<b>FEATURE</b>	<b>SIDE</b>	<b>COMMENT</b>
8.497	8.497	PARK BOUNDARY	N/A	
8.498	8.498	SIGN	RIGHT	REGULATORY, UNABLE TO READ FROM VIDEO
8.514	8.514	CULVERT	N/A	
8.597	8.597	SIGN	RIGHT	WARNING, GRAPHIC SIGN, NO TEXT
8.708	8.708	CULVERT	N/A	
8.812	8.812	CULVERT	N/A	
8.896	8.896	CULVERT	N/A	
8.945	8.945	CULVERT	N/A	
9.003	9.112	CURB	LEFT	
9.011	9.011	DROP INLET	LEFT	
9.036	9.036	CULVERT	N/A	
9.108	9.171	CURB	RIGHT	
9.112	9.112	CULVERT	N/A	
9.198	9.198	INTERSECTION	LEFT	TURNAROUND
9.226	9.226	INTERSECTION	LEFT	TURNAROUND
9.231	9.231	SIGN	RIGHT	REGULATORY, 10
9.363	9.363	CULVERT	N/A	
9.437	9.437	CULVERT	N/A	
9.443	9.443	SIGN	RIGHT	WARNING, GRAPHIC SIGN, NO TEXT
9.472	9.472	SIGN	RIGHT	REGULATORY, SPEED LIMIT 45
9.481	9.506	PULLOUT	LEFT	
9.493	9.493	INTERSECTION	RIGHT	UNPAVED ROUTE
9.506	9.506	SIGN	RIGHT	WARNING, ROAD NARROWS
9.522	9.522	SIGN	RIGHT	WARNING, GRAPHIC SIGN, NO TEXT
9.570	9.570	DROP INLET	LEFT	
9.705	9.705	CULVERT	N/A	
9.747	9.747	CATTLE GUARD	N/A	
9.748	9.748	PARK BOUNDARY	N/A	
9.750	9.750	SIGN	RIGHT	GUIDE, ENTERING DINOSAUR NATIONAL MONUMENT
9.755	9.755	SIGN	RIGHT	GUIDE, HUNTING TRAPPING LOADED FIREARMS PROHIBITED
9.755	9.755	SIGN	RIGHT	REGULATORY, GRAPHIC SIGN, NO TEXT
9.781	9.781	SIGN	RIGHT	WARNING, PAVEMENT ENDS
9.810	9.810	INTERSECTION	N/A	UNPAVED ROUTE
9.810	9.810	ROUTE END	N/A	TO PAVEMENT END AT MORRIS CABIN ROAD

# DINO: ROUTE MAINTENANCE FEATURES ROAD LOG

## ROUTE 0011: HARPERS CORNER ROAD

<b>FROM MILEPOST</b>	<b>TO MILEPOST</b>	<b>FEATURE</b>	<b>SIDE</b>	<b>COMMENT</b>
0.000	0.000	ROUTE BEGIN	N/A	FROM U.S. 40
0.000	0.000	INTERSECTION	LEFT	U.S. HIGHWAY 40
0.000	0.000	INTERSECTION	RIGHT	U.S. HIGHWAY 40
0.004	0.004	SIGN	RIGHT	REGULATORY, STOP
0.010	0.010	INTERSECTION	LEFT	U.S. HIGHWAY 40 SPUR
0.010	0.010	INTERSECTION	RIGHT	U.S. HIGHWAY 40 SPUR
0.020	0.020	SIGN	RIGHT	REGULATORY, BUCKLE UP IT'S THE LAW
0.029	0.029	SIGN	RIGHT	REGULATORY, SPEED LIMIT 25
0.040	0.042	GUARD/GUIDE WALL	RIGHT	
0.044	0.044	INTERSECTION	RIGHT	ROUTE 0904A (HEADQUARTERS PARKING AREA A)
0.050	0.057	CURB-AND-GUTTER	RIGHT	
0.053	0.053	SIGN	RIGHT	GUIDE, INFORMATION OFFICES
0.053	0.053	SIGN	LEFT	GUIDE, INFORMATION OFFICES
0.060	0.060	INTERSECTION	RIGHT	ROUTE 0904B (HEADQUARTERS PARKING AREA B)
0.064	0.064	SIGN	RIGHT	REGULATORY, DO NOT ENTER
0.096	0.107	GUARD/GUIDE WALL	RIGHT	
0.098	0.098	SIGN	RIGHT	WARNING, GRAPHIC SIGN, NO TEXT
0.101	0.101	SIGN	RIGHT	GUIDE, AUTO TOUR
0.140	0.140	INTERSECTION	RIGHT	ROUTE 0918 (YAMPA MAINTENANCE PARKING AREA)
0.159	0.159	SIGN	RIGHT	GUIDE, CANYON AREA FOSSIL BONES ARE NOT FOUND IN THIS SECTION
0.208	0.208	CULVERT	N/A	
0.234	0.280	CURB	LEFT	
0.278	0.356	CURB	RIGHT	
0.284	0.284	SIGN	RIGHT	WARNING, GRAPHIC SIGN, NO TEXT
0.290	0.306	CURB	LEFT	
0.308	0.308	CULVERT	N/A	
0.313	0.356	CURB	LEFT	
0.315	0.315	SIGN	RIGHT	GUIDE, UNABLE TO READ FROM VIDEO
0.357	0.357	CULVERT	N/A	
0.363	0.507	CURB	RIGHT	
0.369	0.369	INTERSECTION	LEFT	ROUTE 0401 (HEADQUARTERS QUARTERS ROAD)
0.382	0.382	CULVERT	N/A	
0.394	0.394	GATE	N/A	

# DINO: ROUTE MAINTENANCE FEATURES ROAD LOG

## ROUTE 0011: HARPERS CORNER ROAD

<b>FROM MILEPOST</b>	<b>TO MILEPOST</b>	<b>FEATURE</b>	<b>SIDE</b>	<b>COMMENT</b>
0.394	0.394	SIGN	N/A	REGULATORY, GRAPHIC SIGN, NO TEXT
0.394	0.394	SIGN	N/A	REGULATORY, GRAPHIC SIGN, NO TEXT
0.394	0.394	SIGN	N/A	REGULATORY, ROAD CLOSED
0.417	0.511	CURB	LEFT	
0.447	0.447	SIGN	RIGHT	REGULATORY, BUCKLE UP IT'S THE LAW
0.447	0.447	SIGN	RIGHT	WARNING, GRAPHIC SIGN, NO TEXT
0.449	0.449	CULVERT	N/A	
0.477	0.477	CULVERT	N/A	
0.512	0.512	SIGN	RIGHT	REGULATORY, SPEED LIMIT 25
0.520	0.520	SIGN	RIGHT	REGULATORY, SPEED LIMIT 45
0.558	0.558	CULVERT	N/A	
0.560	0.698	CURB	LEFT	
0.590	0.590	SIGN	RIGHT	WARNING, GRAPHIC SIGN, NO TEXT
0.603	0.603	CULVERT	N/A	
0.675	0.841	CURB	RIGHT	
0.711	0.993	CURB	LEFT	
0.842	0.842	DROP INLET	LEFT	
0.848	0.987	CURB	RIGHT	
0.995	0.995	CULVERT	N/A	
1.025	1.071	CURB	RIGHT	
1.074	1.074	CULVERT	N/A	
1.079	1.178	CURB	RIGHT	
1.092	1.172	CURB	LEFT	
1.196	1.196	CULVERT	N/A	
1.253	1.292	CURB	RIGHT	
1.257	1.257	CULVERT	N/A	
1.403	1.403	CULVERT	N/A	
1.490	1.568	CURB	LEFT	
1.494	1.545	CURB	RIGHT	
1.567	1.567	CULVERT	N/A	
1.575	1.643	CURB	LEFT	
1.647	1.660	CURB	LEFT	
1.692	1.692	CULVERT	N/A	
1.711	1.766	CURB	LEFT	

# DINO: ROUTE MAINTENANCE FEATURES ROAD LOG

## ROUTE 0011: HARPERS CORNER ROAD

<b>FROM MILEPOST</b>	<b>TO MILEPOST</b>	<b>FEATURE</b>	<b>SIDE</b>	<b>COMMENT</b>
1.734	1.862	CURB	RIGHT	
1.766	1.766	CULVERT	N/A	
1.773	1.871	CURB	LEFT	
1.980	1.980	CULVERT	N/A	
1.987	2.086	CURB	LEFT	
2.081	2.115	CURB	RIGHT	
2.090	2.090	CULVERT	N/A	
2.096	2.187	CURB	LEFT	
2.148	2.148	SIGN	RIGHT	REGULATORY, 3
2.191	2.191	CULVERT	N/A	
2.196	2.327	CURB	LEFT	
2.223	2.336	CURB	RIGHT	
2.338	2.482	CURB	LEFT	
2.367	2.367	CULVERT	N/A	
2.446	2.446	CULVERT	N/A	
2.622	2.622	CULVERT	N/A	
2.625	2.680	CURB	RIGHT	
2.655	2.720	CURB	LEFT	
2.722	2.722	CULVERT	N/A	
2.727	2.801	CURB	LEFT	
2.727	2.965	CURB	RIGHT	
2.803	2.803	CULVERT	N/A	
2.807	2.970	CURB	LEFT	
2.963	2.963	SIGN	RIGHT	REGULATORY, 4
2.976	2.976	INTERSECTION	LEFT	UNPAVED ROUTE(COUNTY ROAD 161)
2.984	3.374	CURB	RIGHT	
3.023	3.287	CURB	LEFT	
3.144	3.144	SIGN	RIGHT	WARNING, GRAPHIC SIGN, NO TEXT
3.289	3.289	SIGN	RIGHT	REGULATORY, SPEED LIMIT 45
3.377	3.422	CURB	RIGHT	
3.427	3.427	CULVERT	N/A	
3.440	3.568	CURB	RIGHT	
3.459	3.567	CURB	LEFT	
3.570	3.570	CULVERT	N/A	

# DINO: ROUTE MAINTENANCE FEATURES ROAD LOG

## ROUTE 0011: HARPERS CORNER ROAD

<b>FROM MILEPOST</b>	<b>TO MILEPOST</b>	<b>FEATURE</b>	<b>SIDE</b>	<b>COMMENT</b>
3.659	3.659	SIGN	RIGHT	WARNING, GRAPHIC SIGN, NO TEXT
3.682	3.682	CULVERT	N/A	
3.740	3.740	INTERSECTION	RIGHT	ROUTE 0905 (SUNRISE PARKING AREA)
3.754	3.754	SIGN	RIGHT	WARNING, 25 M.P.H.
3.754	3.754	SIGN	RIGHT	WARNING, GRAPHIC SIGN, NO TEXT
3.779	3.779	INTERSECTION	RIGHT	ROUTE 0905 (SUNRISE PARKING AREA)
3.795	4.043	GUARD/GUIDE RAIL	RIGHT	
3.805	3.905	CURB	LEFT	
3.808	3.808	CULVERT	N/A	
3.903	3.903	CULVERT	N/A	
3.913	3.990	CURB	RIGHT	
3.915	4.049	CURB	LEFT	
4.052	4.161	CURB	RIGHT	
4.068	4.257	GUARD/GUIDE RAIL	LEFT	
4.160	4.160	CULVERT	N/A	
4.163	4.240	CURB	RIGHT	
4.173	4.257	CURB	LEFT	
4.241	4.258	CURB	RIGHT	
4.255	4.255	CULVERT	N/A	
4.258	4.258	SIGN	RIGHT	WARNING, 25 M.P.H.
4.258	4.258	SIGN	RIGHT	WARNING, GRAPHIC SIGN, NO TEXT
4.262	4.319	CURB	RIGHT	
4.276	4.289	CURB	LEFT	
4.295	4.295	SIGN	RIGHT	REGULATORY, 5
4.295	4.295	SIGN	RIGHT	REGULATORY, 6
4.295	4.325	CURB	LEFT	
4.296	4.296	SIGN	LEFT	GUIDE, 5/6
4.330	4.330	SIGN	RIGHT	GUIDE, PLUG HAT BUTTE TRAIL
4.335	4.335	INTERSECTION	LEFT	ROUTE 0209 (PLUG HAT PICNIC AREA PARKING)
4.355	4.355	INTERSECTION	LEFT	UNPAVED ROUTE
4.369	4.369	GATE	N/A	
4.369	4.369	SIGN	N/A	REGULATORY, GRAPHIC SIGN, NO TEXT
4.369	4.369	SIGN	N/A	REGULATORY, GRAPHIC SIGN, NO TEXT
4.369	4.369	SIGN	N/A	REGULATORY, ROAD CLOSED

# DINO: ROUTE MAINTENANCE FEATURES ROAD LOG

## ROUTE 0011: HARPERS CORNER ROAD

<b>FROM MILEPOST</b>	<b>TO MILEPOST</b>	<b>FEATURE</b>	<b>SIDE</b>	<b>COMMENT</b>
4.421	4.421	SIGN	RIGHT	WARNING, HILL
4.485	4.618	CURB	RIGHT	
4.516	4.516	SIGN	RIGHT	REGULATORY, SPEED LIMIT 25
4.533	4.533	SIGN	RIGHT	WARNING, GRAPHIC SIGN, NO TEXT
4.642	4.747	CURB	LEFT	
4.742	4.742	CULVERT	N/A	
4.874	4.949	CURB	RIGHT	
4.949	4.949	CULVERT	N/A	
4.950	4.950	SIGN	RIGHT	WARNING, GRAPHIC SIGN, NO TEXT
4.955	5.001	CURB	RIGHT	
5.077	5.151	CURB	LEFT	
5.081	5.081	SIGN	RIGHT	REGULATORY, SPEED LIMIT 35
5.090	5.143	CURB	RIGHT	
5.155	5.228	CURB	RIGHT	
5.156	5.197	CURB	LEFT	
5.183	5.183	SIGN	RIGHT	WARNING, GRAPHIC SIGN, NO TEXT
5.213	5.297	CURB	LEFT	
5.240	5.285	CURB	RIGHT	
5.311	5.404	CURB	LEFT	
5.402	5.429	CURB	RIGHT	
5.417	5.456	CURB	LEFT	
5.437	5.464	CURB	RIGHT	
5.463	5.463	CULVERT	N/A	
5.471	5.661	CURB	RIGHT	
5.479	5.636	CURB	LEFT	
5.569	5.569	CULVERT	N/A	
5.663	5.682	CURB	RIGHT	
5.664	5.664	SIGN	RIGHT	WARNING, ROAD DAMAGE AHEAD
5.681	5.681	CULVERT	N/A	
5.688	5.688	SIGN	RIGHT	WARNING, GRAPHIC SIGN, NO TEXT
5.770	5.770	CULVERT	N/A	
5.831	5.831	CULVERT	N/A	
5.848	5.888	CURB	LEFT	
5.857	5.906	CURB	RIGHT	

# DINO: ROUTE MAINTENANCE FEATURES ROAD LOG

## ROUTE 0011: HARPERS CORNER ROAD

<b>FROM MILEPOST</b>	<b>TO MILEPOST</b>	<b>FEATURE</b>	<b>SIDE</b>	<b>COMMENT</b>
5.908	5.908	CULVERT	N/A	
5.912	5.952	CURB	RIGHT	
5.927	5.927	SIGN	RIGHT	WARNING, ROAD DAMAGE AHEAD
5.965	5.965	INTERSECTION	RIGHT	UNPAVED ROUTE
5.991	5.991	INTERSECTION	LEFT	UNPAVED ROUTE
6.002	6.054	CURB	LEFT	
6.013	6.060	CURB	RIGHT	
6.066	6.066	CULVERT	N/A	
6.140	6.335	CURB	RIGHT	
6.157	6.331	CURB	LEFT	
6.182	6.182	SIGN	RIGHT	REGULATORY, 7
6.377	6.435	CURB	LEFT	
6.487	6.548	CURB	LEFT	
6.505	6.505	CULVERT	N/A	
6.558	6.807	CURB	LEFT	
6.562	6.693	CURB	RIGHT	
6.693	6.739	CURB	RIGHT	
6.740	6.800	CURB	RIGHT	
6.815	6.879	CURB	LEFT	
6.846	6.846	CULVERT	N/A	
6.884	7.039	CURB	RIGHT	
6.895	7.023	CURB	LEFT	
7.037	7.037	SIGN	RIGHT	WARNING, ROUGH ROAD
7.042	7.178	CURB	LEFT	
7.075	7.075	SIGN	RIGHT	REGULATORY, SPEED LIMIT 35
7.177	7.335	CURB	RIGHT	
7.183	7.253	CURB	LEFT	
7.257	7.257	CULVERT	N/A	
7.341	7.501	CURB	LEFT	
7.436	7.490	LANE DEVIATION	N/A	
7.480	7.480	CULVERT	N/A	
7.635	7.750	CURB	LEFT	
7.750	7.750	SIGN	RIGHT	WARNING, GRAPHIC SIGN, NO TEXT
7.812	7.812	CULVERT	N/A	

# DINO: ROUTE MAINTENANCE FEATURES ROAD LOG

## ROUTE 0011: HARPERS CORNER ROAD

<b>FROM MILEPOST</b>	<b>TO MILEPOST</b>	<b>FEATURE</b>	<b>SIDE</b>	<b>COMMENT</b>
7.966	8.089	CURB	RIGHT	
8.034	8.034	SIGN	RIGHT	GUIDE, ESCALANTE OVERLOOK
8.075	8.075	INTERSECTION	LEFT	ROUTE 0219 (ESCALANTE OVERLOOK ROAD)
8.124	8.124	SIGN	RIGHT	GUIDE, ESCALANTE OVERLOOK
8.145	8.192	CURB	RIGHT	
8.161	8.161	SIGN	RIGHT	REGULATORY, SPEED LIMIT 45
8.195	8.195	CULVERT	N/A	
8.198	8.231	CURB	RIGHT	
8.230	8.230	CULVERT	N/A	
8.235	8.307	CURB	RIGHT	
8.241	8.241	SIGN	RIGHT	WARNING, ROUGH ROAD
8.268	8.268	CULVERT	N/A	
8.314	8.345	CURB	RIGHT	
8.343	8.343	CULVERT	N/A	
8.381	8.381	CULVERT	N/A	
8.489	8.489	CULVERT	N/A	
8.532	8.532	CULVERT	N/A	
8.583	8.583	CULVERT	N/A	
8.649	8.716	CURB	RIGHT	
8.703	8.703	CULVERT	N/A	
8.867	8.867	CULVERT	N/A	
8.942	9.019	CURB	LEFT	
8.969	8.969	SIGN	RIGHT	WARNING, ROAD DAMAGE AHEAD
8.984	8.984	SIGN	LEFT	GUIDE, 9
8.984	8.984	SIGN	RIGHT	REGULATORY, 9
8.999	8.999	SIGN	RIGHT	WARNING, GRAPHIC SIGN, NO TEXT
9.011	9.068	CURB	RIGHT	
9.075	9.075	CULVERT	N/A	
9.085	9.180	CURB	LEFT	
9.106	9.106	CATTLE GUARD	N/A	
9.158	9.158	CULVERT	N/A	
9.185	9.185	SIGN	RIGHT	WARNING, GRAPHIC SIGN, NO TEXT
9.259	9.314	CURB	RIGHT	
9.261	9.420	CURB	LEFT	

# DINO: ROUTE MAINTENANCE FEATURES ROAD LOG

## ROUTE 0011: HARPERS CORNER ROAD

<b>FROM MILEPOST</b>	<b>TO MILEPOST</b>	<b>FEATURE</b>	<b>SIDE</b>	<b>COMMENT</b>
9.315	9.383	CURB	RIGHT	
9.317	9.317	CULVERT	N/A	
9.397	9.428	CURB	RIGHT	
9.432	9.453	CURB	RIGHT	
9.434	9.450	CURB	LEFT	
9.451	9.451	CULVERT	N/A	
9.456	9.570	CURB	LEFT	
9.457	9.589	CURB	RIGHT	
9.575	9.779	CURB	LEFT	
9.614	9.614	CULVERT	N/A	
9.773	9.773	SIGN	LEFT	GUIDE, UNABLE TO READ FROM VIDEO
9.773	9.773	SIGN	RIGHT	REGULATORY, 10
9.796	9.875	CURB	LEFT	
9.875	9.875	SIGN	RIGHT	WARNING, GRAPHIC SIGN, NO TEXT
9.973	10.245	CURB	LEFT	
10.308	10.308	CULVERT	N/A	
10.405	10.405	CULVERT	N/A	
10.425	10.463	CURB	RIGHT	
10.485	10.485	CULVERT	N/A	
10.642	10.718	CURB	RIGHT	
10.652	10.652	CULVERT	N/A	
10.733	10.975	CURB	RIGHT	
10.841	10.841	CULVERT	N/A	
10.960	10.960	SIGN	N/A	REGULATORY, ROAD CLOSED
10.960	10.960	GATE	N/A	
10.960	10.960	SIGN	N/A	REGULATORY, GRAPHIC SIGN, NO TEXT
10.960	10.960	SIGN	N/A	REGULATORY, GRAPHIC SIGN, NO TEXT
11.022	11.096	CURB	RIGHT	
11.027	11.114	CURB	LEFT	
11.111	11.111	SIGN	RIGHT	GUIDE, MOFFAT COUNTY ROUTE 16
11.126	11.126	CULVERT	N/A	
11.157	11.157	INTERSECTION	RIGHT	UNPAVED ROUTE (MOFFET COUNTY ROUTE 16)
11.168	11.261	CURB	RIGHT	
11.177	11.277	CURB	LEFT	

# DINO: ROUTE MAINTENANCE FEATURES ROAD LOG

## ROUTE 0011: HARPERS CORNER ROAD

<b>FROM MILEPOST</b>	<b>TO MILEPOST</b>	<b>FEATURE</b>	<b>SIDE</b>	<b>COMMENT</b>
11.273	11.273	SIGN	RIGHT	GUIDE, MOFFAT COUNTY ROUTE 16
11.277	11.277	CULVERT	N/A	
11.354	11.354	CULVERT	N/A	
11.463	11.463	CULVERT	N/A	
11.596	11.596	SIGN	RIGHT	GUIDE, MOFFAT COUNTY ROUTE 16
11.795	11.795	INTERSECTION	LEFT	UNPAVED ROUTE (MOFFET COUNTY ROUTE 16)
11.886	11.886	SIGN	RIGHT	GUIDE, MOFFAT COUNTY ROUTE 16
11.911	11.911	SIGN	LEFT	GUIDE, 11
11.911	11.911	SIGN	RIGHT	REGULATORY, 11
12.099	12.167	CURB	RIGHT	
12.127	12.127	CULVERT	N/A	
12.263	12.263	CULVERT	N/A	
12.496	12.496	CATTLE GUARD	N/A	
12.529	12.529	CULVERT	N/A	
12.557	12.557	SIGN	RIGHT	WARNING, GRAPHIC SIGN, NO TEXT
12.569	12.575	CURB	RIGHT	
12.575	12.695	CURB	RIGHT	
12.600	12.600	CULVERT	N/A	
12.602	12.602	SIGN	N/A	REGULATORY, GRAPHIC SIGN, NO TEXT
12.602	12.602	SIGN	N/A	REGULATORY, ROAD CLOSED
12.602	12.602	SIGN	N/A	REGULATORY, GRAPHIC SIGN, NO TEXT
12.602	12.602	GATE	N/A	
12.602	12.602	SIGN	N/A	REGULATORY, STOP
12.700	12.798	CURB	RIGHT	
12.708	12.799	CURB	LEFT	
12.802	12.802	CULVERT	N/A	
12.927	12.996	CURB	LEFT	
12.933	13.024	CURB	RIGHT	
13.032	13.032	CULVERT	N/A	
13.088	13.111	CURB	RIGHT	
13.107	13.166	CURB	LEFT	
13.441	13.538	CURB	LEFT	
13.448	13.531	CURB	RIGHT	
13.538	13.544	PAVED DITCH	LEFT	

# DINO: ROUTE MAINTENANCE FEATURES ROAD LOG

## ROUTE 0011: HARPERS CORNER ROAD

<b>FROM MILEPOST</b>	<b>TO MILEPOST</b>	<b>FEATURE</b>	<b>SIDE</b>	<b>COMMENT</b>
13.553	13.648	CURB	LEFT	
13.625	13.625	CULVERT	N/A	
13.656	13.716	CURB	RIGHT	
13.662	13.712	CURB	LEFT	
13.724	13.791	CURB	LEFT	
13.817	13.817	CULVERT	N/A	
13.916	14.009	CURB	RIGHT	
14.217	14.217	SIGN	RIGHT	REGULATORY, 13
14.464	14.572	CURB	LEFT	
14.632	14.632	CULVERT	N/A	
14.700	14.700	DROP INLET	RIGHT	
14.712	14.776	CURB	RIGHT	
14.737	15.007	CURB	LEFT	
14.836	14.911	CURB	RIGHT	
14.912	14.912	CULVERT	N/A	
15.121	15.298	CURB	RIGHT	
15.146	15.342	CURB	LEFT	
15.339	15.339	DROP INLET	LEFT	
15.418	15.418	CULVERT	N/A	
15.430	15.531	CURB	LEFT	
15.463	15.596	CURB	RIGHT	
15.529	15.529	DROP INLET	LEFT	
15.628	15.764	CURB	LEFT	
15.716	15.716	DROP INLET	LEFT	
15.894	15.894	DROP INLET	LEFT	
15.985	16.025	CURB	RIGHT	
16.145	16.145	SIGN	RIGHT	REGULATORY, 14
16.193	16.259	CURB	RIGHT	
16.277	16.350	CURB	LEFT	
16.341	16.341	DROP INLET	LEFT	
16.419	16.419	SIGN	RIGHT	WARNING, GRAPHIC SIGN, NO TEXT
16.543	16.712	CURB	RIGHT	
16.548	16.548	CATTLE GUARD	N/A	
16.641	16.698	CURB	LEFT	

# DINO: ROUTE MAINTENANCE FEATURES ROAD LOG

## ROUTE 0011: HARPERS CORNER ROAD

<b>FROM MILEPOST</b>	<b>TO MILEPOST</b>	<b>FEATURE</b>	<b>SIDE</b>	<b>COMMENT</b>
16.706	16.706	DROP INLET	RIGHT	
16.842	16.976	CURB	RIGHT	
16.971	16.971	DROP INLET	RIGHT	
17.141	17.203	CURB	RIGHT	
17.521	17.521	SIGN	RIGHT	WARNING, 35 M.P.H.
17.521	17.521	SIGN	RIGHT	WARNING, GRAPHIC SIGN, NO TEXT
17.865	17.988	CURB	RIGHT	
17.891	17.891	CULVERT	N/A	
17.984	17.984	CULVERT	N/A	
18.003	18.057	CURB	LEFT	
18.097	18.261	CURB	RIGHT	
18.215	18.215	DROP INLET	RIGHT	
18.266	18.266	CULVERT	N/A	
18.271	18.487	CURB	RIGHT	
18.348	18.348	DROP INLET	RIGHT	
18.358	18.501	CURB	LEFT	
18.595	18.595	CULVERT	N/A	
18.842	18.915	CURB	RIGHT	
18.875	18.875	CULVERT	N/A	
18.900	18.900	CULVERT	N/A	
19.028	19.028	DROP INLET	LEFT	
19.030	19.136	CURB	LEFT	
19.344	19.344	SIGN	RIGHT	WARNING, 35 M.P.H.
19.344	19.344	SIGN	RIGHT	WARNING, GRAPHIC SIGN, NO TEXT
19.373	19.373	SIGN	RIGHT	GUIDE, CANYON OVERLOOK AND PICNIC AREA
19.373	19.373	SIGN	RIGHT	GUIDE, GRAPHIC SIGN, NO TEXT
19.373	19.373	SIGN	RIGHT	GUIDE, GRAPHIC SIGN, NO TEXT
19.409	19.409	SIGN	RIGHT	REGULATORY, 15
19.442	19.442	CULVERT	N/A	
19.453	19.453	INTERSECTION	RIGHT	ROUTE 0201 (CANYON OVERLOOK ROAD)
19.516	19.516	SIGN	RIGHT	GUIDE, CANYON OVERLOOK AND PICNIC AREA
19.516	19.516	SIGN	RIGHT	GUIDE, GRAPHIC SIGN, NO TEXT
19.516	19.516	SIGN	RIGHT	GUIDE, GRAPHIC SIGN, NO TEXT
19.517	19.640	CURB	LEFT	

# DINO: ROUTE MAINTENANCE FEATURES ROAD LOG

## ROUTE 0011: HARPERS CORNER ROAD

<b>FROM MILEPOST</b>	<b>TO MILEPOST</b>	<b>FEATURE</b>	<b>SIDE</b>	<b>COMMENT</b>
19.580	19.580	DROP INLET	LEFT	
19.688	19.688	CULVERT	N/A	
19.710	19.908	CURB	LEFT	
19.808	19.808	CULVERT	N/A	
19.905	19.905	CULVERT	N/A	
19.913	20.068	CURB	LEFT	
19.996	19.996	DROP INLET	LEFT	
20.128	20.128	CULVERT	N/A	
20.194	20.194	CULVERT	N/A	
20.282	20.414	CURB	RIGHT	
20.302	20.416	CURB	LEFT	
20.568	20.568	SIGN	RIGHT	GUIDE, 16
20.670	20.835	CURB	RIGHT	
20.933	20.933	CULVERT	N/A	
21.085	21.085	CULVERT	N/A	
21.196	21.196	CULVERT	N/A	
21.320	21.320	CULVERT	N/A	
21.333	21.333	CULVERT	N/A	
21.396	21.485	CURB	LEFT	
21.434	21.434	STATE BOUNDARY	N/A	
21.493	21.649	CURB	RIGHT	
21.497	21.497	CULVERT	N/A	
21.587	21.587	DROP INLET	RIGHT	
21.677	21.677	CULVERT	N/A	
21.994	21.994	SIGN	RIGHT	GUIDE, POINT OF THE PINES
21.994	21.994	SIGN	RIGHT	GUIDE, UNABLE TO READ FROM VIDEO
21.994	21.994	SIGN	RIGHT	GUIDE, CLIFF RIDGE LAUNCH SITE
22.012	22.012	INTERSECTION	LEFT	POINT OF THE PINES, CLIFF RIDGE LAUNCH SITE
22.201	22.201	CULVERT	N/A	
22.400	22.400	CULVERT	N/A	
22.492	22.492	CULVERT	N/A	
22.507	22.636	CURB	LEFT	
22.724	22.724	CULVERT	N/A	
22.887	22.887	CULVERT	N/A	

# DINO: ROUTE MAINTENANCE FEATURES ROAD LOG

## ROUTE 0011: HARPERS CORNER ROAD

<b>FROM MILEPOST</b>	<b>TO MILEPOST</b>	<b>FEATURE</b>	<b>SIDE</b>	<b>COMMENT</b>
22.997	22.997	CULVERT	N/A	
23.040	23.072	CURB	RIGHT	
23.099	23.145	CURB	RIGHT	
23.227	23.287	CURB	RIGHT	
23.251	23.251	CULVERT	N/A	
23.296	23.368	CURB	LEFT	
23.382	23.382	SIGN	RIGHT	WARNING, GRAPHIC SIGN, NO TEXT
23.602	23.602	SIGN	RIGHT	REGULATORY, 17
23.899	23.899	CULVERT	N/A	
23.982	24.036	CURB	RIGHT	
24.111	24.136	CURB	RIGHT	
24.193	24.193	SIGN	RIGHT	REGULATORY, 18
24.291	24.291	CULVERT	N/A	
24.445	24.536	CURB	RIGHT	
24.581	24.581	CULVERT	N/A	
24.647	24.731	CURB	LEFT	
24.648	24.771	CURB	RIGHT	
24.767	24.767	DROP INLET	RIGHT	
24.780	24.937	CURB	RIGHT	
24.783	24.930	CURB	LEFT	
25.113	25.113	CULVERT	N/A	
25.142	25.152	CURB-AND-GUTTER	RIGHT	
25.143	25.143	SIGN	RIGHT	REGULATORY, 19
25.151	25.151	INTERSECTION	RIGHT	ROUTE 0907 (PARKING "CENTER OF THE UNIVERSE")
25.162	25.186	CURB-AND-GUTTER	RIGHT	
25.189	25.189	INTERSECTION	RIGHT	ROUTE 0907 (PARKING "CENTER OF THE UNIVERSE")
25.196	25.206	CURB-AND-GUTTER	RIGHT	
25.265	25.356	CURB	LEFT	
25.420	25.420	SIGN	RIGHT	GUIDE, ECHO PARK 13 MI
25.431	25.504	CURB	RIGHT	
25.506	25.629	CURB	LEFT	
25.515	25.515	SIGN	LEFT	GUIDE, ECHO PARK 13 MI
25.516	25.516	INTERSECTION	RIGHT	ROUTE 0210 (ECHO PARK ROAD)
25.629	25.629	SIGN	RIGHT	GUIDE, ECHO PARK 13 MI

# DINO: ROUTE MAINTENANCE FEATURES ROAD LOG

## ROUTE 0011: HARPERS CORNER ROAD

<b>FROM MILEPOST</b>	<b>TO MILEPOST</b>	<b>FEATURE</b>	<b>SIDE</b>	<b>COMMENT</b>
25.640	25.640	CULVERT	N/A	
25.711	25.711	PARK BOUNDARY	N/A	
25.711	25.711	SIGN	RIGHT	GUIDE, ENTERING DINOSAUR NATIONAL MONUMENT
25.712	25.712	CATTLE GUARD	N/A	
25.744	25.744	SIGN	RIGHT	WARNING, GRAPHIC SIGN, NO TEXT
26.000	26.000	SIGN	RIGHT	REGULATORY, 20
26.047	26.047	SIGN	RIGHT	GUIDE, ISLAND PARK OVERLOOK
26.087	26.087	INTERSECTION	LEFT	ROUTE 0218 (ISLAND PARK OVERLOOK ROAD)
26.128	26.128	SIGN	RIGHT	GUIDE, ISLAND PARK OVERLOOK
26.137	26.137	SIGN	RIGHT	REGULATORY, SPEED LIMIT 45
26.181	26.181	SIGN	RIGHT	WARNING, GRAPHIC SIGN, NO TEXT
26.203	26.203	CULVERT	N/A	
26.364	26.364	CULVERT	N/A	
26.478	26.478	CULVERT	N/A	
26.552	26.552	CULVERT	N/A	
26.819	26.819	CULVERT	N/A	
26.897	26.897	CULVERT	N/A	
27.066	27.066	CULVERT	N/A	
27.104	27.173	CURB	LEFT	
27.162	27.162	CULVERT	N/A	
27.233	27.233	SIGN	RIGHT	REGULATORY, 21
27.259	27.259	SIGN	RIGHT	REGULATORY, SPEED LIMIT 35
27.269	27.269	SIGN	RIGHT	GUIDE, IRON SPRINGS OVERLOOK
27.299	27.299	CULVERT	N/A	
27.315	27.315	INTERSECTION	RIGHT	ROUTE 0217 (IRON SPRINGS BENCH OVERLOOK ROAD)
27.375	27.375	SIGN	RIGHT	GUIDE, IRON SPRINGS OVERLOOK
27.475	27.548	GUARD/GUIDE RAIL	RIGHT	
27.716	27.873	GUARD/GUIDE RAIL	RIGHT	
27.721	27.822	GUARD/GUIDE RAIL	LEFT	
27.754	27.812	CURB	LEFT	
27.809	27.809	DROP INLET	LEFT	
27.927	28.013	GUARD/GUIDE RAIL	LEFT	
28.005	28.139	GUARD/GUIDE RAIL	RIGHT	
28.059	28.288	GUARD/GUIDE RAIL	LEFT	

# DINO: ROUTE MAINTENANCE FEATURES ROAD LOG

## ROUTE 0011: HARPERS CORNER ROAD

<b>FROM MILEPOST</b>	<b>TO MILEPOST</b>	<b>FEATURE</b>	<b>SIDE</b>	<b>COMMENT</b>
28.409	28.409	CULVERT	N/A	
28.565	28.663	CURB	LEFT	
28.640	28.640	DROP INLET	LEFT	
28.877	28.953	CURB	LEFT	
29.399	29.399	CULVERT	N/A	
29.457	29.457	CATTLE GUARD	N/A	
29.608	29.608	CULVERT	N/A	
29.815	29.815	CULVERT	N/A	
30.194	30.194	CULVERT	N/A	
30.368	30.368	SIGN	RIGHT	REGULATORY, 22
30.386	30.386	SIGN	RIGHT	GUIDE, ECHO PARK OVERLOOK
30.420	30.420	INTERSECTION	RIGHT	ROUTE 0910 (ECHO PARK OVERLOOK PARKING AREA)
30.456	30.456	INTERSECTION	RIGHT	ROUTE 0910 (ECHO PARK OVERLOOK PARKING AREA)
30.500	30.547	GUARD/GUIDE RAIL	RIGHT	
30.502	30.502	SIGN	RIGHT	GUIDE, ECHO PARK OVERLOOK
30.611	30.611	CULVERT	N/A	
30.890	30.890	CULVERT	N/A	
31.024	31.024	SIGN	RIGHT	WARNING, 25 M.P.H.
31.024	31.024	SIGN	RIGHT	WARNING, GRAPHIC SIGN, NO TEXT
31.140	31.140	CULVERT	N/A	
31.226	31.291	CURB	LEFT	
31.285	31.285	SIGN	RIGHT	WARNING, GRAPHIC SIGN, NO TEXT
31.291	31.291	DROP INLET	LEFT	
31.370	31.370	SIGN	RIGHT	WARNING, 25 M.P.H.
31.370	31.370	SIGN	RIGHT	WARNING, GRAPHIC SIGN, NO TEXT
31.377	31.434	GUARD/GUIDE RAIL	RIGHT	
31.414	31.414	INTERSECTION	LEFT	ROUTE 0011 (HARPERS CORNER ROAD)
31.428	31.428	SIGN	LEFT	REGULATORY, KEEP RIGHT
31.620	31.651	CURB-AND-GUTTER	LEFT	
31.620	31.625	CURB-AND-GUTTER	RIGHT	
31.643	31.643	INTERSECTION	RIGHT	ROUTE 0916A (HARPERS CORNER PARKING AREA A)
31.670	31.670	INTERSECTION	LEFT	ROUTE 0916B (HARPERS CORNER PARKING AREA B)
31.693	31.720	CURB-AND-GUTTER	LEFT	
31.712	31.718	GUARD/GUIDE WALL	RIGHT	

# DINO: ROUTE MAINTENANCE FEATURES ROAD LOG

## ROUTE 0011: HARPERS CORNER ROAD

<b>FROM MILEPOST</b>	<b>TO MILEPOST</b>	<b>FEATURE</b>	<b>SIDE</b>	<b>COMMENT</b>
31.713	31.720	CURB-AND-GUTTER	RIGHT	
31.728	31.728	SIGN	RIGHT	WARNING, GRAPHIC SIGN, NO TEXT
31.728	31.766	GUARD/GUIDE RAIL	RIGHT	
31.862	31.862	CULVERT	N/A	
31.880	31.880	INTERSECTION	N/A	ROUTE 0011 (HARPERS CORNER ROAD)
31.880	31.880	INTERSECTION	LEFT	ROUTE 0011 (HARPERS CORNER ROAD)
31.880	31.880	ROUTE END	N/A	TO END OF LOOP AT HARPERS CORNER

# DINO: ROUTE MAINTENANCE FEATURES ROAD LOG

## ROUTE 0100: QUARRY ACCESS ROAD

<b>FROM MILEPOST</b>	<b>TO MILEPOST</b>	<b>FEATURE</b>	<b>SIDE</b>	<b>COMMENT</b>
0.000	0.000	ROUTE BEGIN	N/A	FROM ROUTE 0010
0.000	0.000	INTERSECTION	LEFT	ROUTE 0010 (GRD MAIN ENTRANCE ROAD)
0.000	0.000	INTERSECTION	RIGHT	ROUTE 0010 (GRD MAIN ENTRANCE ROAD)
0.002	0.002	SIGN	RIGHT	REGULATORY, STOP
0.034	0.034	INTERSECTION	LEFT	ROUTE 0900 (LOWER VISITOR CENTER PARKING AREA)
0.042	0.067	LANE DEVIATION	N/A	
0.047	0.047	SIGN	LEFT	GUIDE, VISITOR PARKING
0.052	0.052	SIGN	N/A	REGULATORY, ROAD CLOSED
0.052	0.052	GATE	N/A	
0.068	0.068	SIGN	RIGHT	REGULATORY, SPEED LIMIT 25
0.073	0.073	CULVERT	N/A	
0.093	0.093	CULVERT	N/A	
0.178	0.178	INTERSECTION	LEFT	ROUTE 0223 (LOWER VISITOR CENTER SHUTTLE BUS PICKUP ROAD)
0.212	0.212	INTERSECTION	RIGHT	ROUTE 0400 (QUARRY RESIDENTIAL ROAD)
0.221	0.221	SIGN	RIGHT	GUIDE, DINOSAUR NATIONAL MONUMENT DINOSAUR QUARRY CLOSED
0.225	0.225	GATE	N/A	
0.225	0.225	SIGN	N/A	REGULATORY, DO NOT ENTER
0.253	0.253	SIGN	RIGHT	REGULATORY, GRAPHIC SIGN, NO TEXT
0.257	0.257	CULVERT	N/A	
0.296	0.296	CULVERT	N/A	
0.342	0.342	SIGN	LEFT	REGULATORY, AREA CLOSED BEYOND THIS SIGN AUTHORIZED PERSONNEL ONLY
0.348	0.348	SIGN	RIGHT	REGULATORY, SPEED LIMIT 25
0.363	0.363	CULVERT	N/A	
0.370	0.370	INTERSECTION	LEFT	ROUTE 0914 (QUARRY VISITOR CENTER MIDDLE PARKING LOT)
0.419	0.419	INTERSECTION	LEFT	ROUTE 0914 (QUARRY VISITOR CENTER MIDDLE PARKING LOT)
0.429	0.429	CULVERT	N/A	
0.557	0.605	GUARD/GUIDE RAIL	LEFT	
0.583	0.583	SIGN	RIGHT	REGULATORY, STOP FOR PEDESTRIAN IN CROSSWALK
0.588	0.588	DROP INLET	RIGHT	
0.590	0.620	CURB	RIGHT	
0.620	0.620	INTERSECTION	N/A	ROUTE 0901 (QUARRY VISITORS CENTER PARKING)

# DINO: ROUTE MAINTENANCE FEATURES ROAD LOG

## ROUTE 0100: QUARRY ACCESS ROAD

<b>FROM MILEPOST</b>	<b>TO MILEPOST</b>	<b>FEATURE</b>	<b>SIDE</b>	<b>COMMENT</b>
0.620	0.620	SIGN	N/A	REGULATORY, ONE WAY
0.620	0.620	ROUTE END	N/A	TO ROUTE 0901

# DINO: ROUTE MAINTENANCE FEATURES ROAD LOG

## ROUTE 0101: DEERLODGE ENTRANCE ROAD

<b>FROM MILEPOST</b>	<b>TO MILEPOST</b>	<b>FEATURE</b>	<b>SIDE</b>	<b>COMMENT</b>
0.000	0.000	ROUTE BEGIN	N/A	FROM U.S. 40
0.000	0.000	INTERSECTION	LEFT	U.S. HIGHWAY 40
0.000	0.000	INTERSECTION	RIGHT	U.S. HIGHWAY 40
0.004	0.004	SIGN	RIGHT	REGULATORY, STOP
0.010	0.010	SIGN	RIGHT	GUIDE, UNABLE TO READ FROM VIDEO
0.010	0.010	SIGN	RIGHT	GUIDE, UNABLE TO READ FROM VIDEO
0.032	0.032	SIGN	RIGHT	GUIDE, GRAPHIC SIGN, NO TEXT
0.097	0.097	SIGN	RIGHT	WARNING, GRAPHIC SIGN, NO TEXT
0.123	0.123	SIGN	RIGHT	GUIDE, UNABLE TO READ FROM VIDEO
0.132	0.132	INTERSECTION	RIGHT	ROUTE 0913 (DEERLODGE INFORMATION KIOSK PARKING AREA)
0.143	0.143	SIGN	RIGHT	GUIDE, CAMPING ONLY IN THIS AREA
0.143	0.171	CURB	RIGHT	
0.176	0.176	INTERSECTION	RIGHT	ROUTE 0913 (DEERLODGE INFORMATION KIOSK PARKING AREA)
0.222	0.222	CULVERT	N/A	
0.228	0.228	SIGN	RIGHT	GUIDE, ENTERING DINOSAUR NATIONAL MONUMENT
0.367	0.478	CURB	LEFT	
0.572	0.572	CULVERT	N/A	
0.782	0.838	CURB	LEFT	
0.894	1.016	CURB	RIGHT	
0.950	0.950	DROP INLET	RIGHT	
1.016	1.016	CULVERT	N/A	
1.057	1.108	CURB	LEFT	
1.065	1.132	CURB	RIGHT	
1.130	1.130	DROP INLET	RIGHT	
1.217	1.282	CURB	RIGHT	
1.243	1.243	CULVERT	N/A	
1.398	1.398	CULVERT	N/A	
1.614	1.704	CURB	LEFT	
1.658	1.658	CULVERT	N/A	
1.784	1.784	CULVERT	N/A	
1.949	1.949	CULVERT	N/A	
2.005	2.005	INTERSECTION	RIGHT	UNPAVED ROUTE (MOFFATT COUNTY ROUTE 123)
2.104	2.104	CULVERT	N/A	

# DINO: ROUTE MAINTENANCE FEATURES ROAD LOG

## ROUTE 0101: DEERLODGE ENTRANCE ROAD

<b>FROM MILEPOST</b>	<b>TO MILEPOST</b>	<b>FEATURE</b>	<b>SIDE</b>	<b>COMMENT</b>
2.165	2.303	CURB	LEFT	
2.219	2.219	CULVERT	N/A	
2.304	2.304	CULVERT	N/A	
2.363	2.449	CURB	RIGHT	
2.370	2.444	CURB	LEFT	
2.498	2.556	CURB	RIGHT	
2.511	2.557	CURB	LEFT	
2.513	2.513	CULVERT	N/A	
2.679	2.840	CURB	RIGHT	
2.688	2.731	CURB	LEFT	
2.768	2.768	CULVERT	N/A	
2.826	2.949	CURB	LEFT	
2.881	2.881	CULVERT	N/A	
2.884	3.041	CURB	RIGHT	
3.036	3.036	CULVERT	N/A	
3.092	3.092	CULVERT	N/A	
3.211	3.211	CULVERT	N/A	
3.370	3.541	CURB	LEFT	
3.406	3.406	CULVERT	N/A	
3.668	3.668	CULVERT	N/A	
3.853	3.853	CULVERT	N/A	
3.898	3.898	CULVERT	N/A	
3.984	3.984	CULVERT	N/A	
4.082	4.082	SIGN	RIGHT	GUIDE, CROSS MTN TURN OUT
4.107	4.107	CULVERT	N/A	
4.136	4.136	INTERSECTION	RIGHT	ROUTE 0213 (CROSS MOUNTAIN GORGE ROAD)
4.194	4.194	CULVERT	N/A	
4.278	4.278	CULVERT	N/A	
4.316	4.316	CULVERT	N/A	
4.395	4.395	CULVERT	N/A	
4.460	4.460	CULVERT	N/A	
4.589	4.589	CULVERT	N/A	
4.630	4.630	CULVERT	N/A	
4.706	4.706	CULVERT	N/A	

# DINO: ROUTE MAINTENANCE FEATURES ROAD LOG

## ROUTE 0101: DEERLODGE ENTRANCE ROAD

<b>FROM MILEPOST</b>	<b>TO MILEPOST</b>	<b>FEATURE</b>	<b>SIDE</b>	<b>COMMENT</b>
4.878	4.878	CULVERT	N/A	
5.059	5.431	CURB	RIGHT	
5.067	5.067	CULVERT	N/A	
5.097	5.201	CURB	LEFT	
5.176	5.176	CULVERT	N/A	
5.225	5.427	CURB	LEFT	
5.390	5.390	SIGN	RIGHT	REGULATORY, SPEED LIMIT 45
5.512	5.512	CULVERT	N/A	
5.662	5.662	INTERSECTION	RIGHT	ROUTE 0912 (DEERLODGE ROAD NEEDLE PARKING AREA)
5.962	5.962	CULVERT	N/A	
6.002	6.002	CULVERT	N/A	
6.094	6.094	CULVERT	N/A	
6.139	6.139	CULVERT	N/A	
6.254	6.254	CULVERT	N/A	
6.339	6.339	CULVERT	N/A	
6.510	6.510	CULVERT	N/A	
6.580	6.580	INTERSECTION	RIGHT	UNPAVED ROUTE (MOFFATT COUNTY ROUTE 25)
6.592	6.592	CULVERT	N/A	
6.623	6.623	CULVERT	N/A	
6.679	6.679	SIGN	RIGHT	WARNING, GRAPHIC SIGN, NO TEXT
6.700	6.700	CULVERT	N/A	
6.775	6.775	CULVERT	N/A	
6.916	6.916	CULVERT	N/A	
7.045	7.045	CULVERT	N/A	
7.268	7.268	CULVERT	N/A	
7.352	7.352	CULVERT	N/A	
7.364	7.364	SIGN	RIGHT	GUIDE, CAUTION ROAD DAMAGE AHEAD
7.485	7.485	CULVERT	N/A	
7.637	7.637	CULVERT	N/A	
7.658	7.658	CULVERT	N/A	
7.683	7.683	INTERSECTION	LEFT	UNPAVED ROUTE (YAMPA VALLEY TRAIL ACCESS)
7.759	7.759	CULVERT	N/A	
8.044	8.044	CULVERT	N/A	
8.139	8.139	CULVERT	N/A	

# DINO: ROUTE MAINTENANCE FEATURES ROAD LOG

## ROUTE 0101: DEERLODGE ENTRANCE ROAD

<b>FROM MILEPOST</b>	<b>TO MILEPOST</b>	<b>FEATURE</b>	<b>SIDE</b>	<b>COMMENT</b>
8.179	8.179	CULVERT	N/A	
8.387	8.387	CULVERT	N/A	
8.490	8.490	CULVERT	N/A	
8.628	8.628	CULVERT	N/A	
8.705	8.705	CULVERT	N/A	
8.869	8.869	CULVERT	N/A	
8.884	8.884	INTERSECTION	LEFT	UNPAVED ROUTE (YAMPA VALLEY TRAIL ACCESS)
8.936	9.000	CURB	LEFT	
8.938	8.999	CURB	RIGHT	
8.964	8.964	CULVERT	N/A	
9.106	9.106	CULVERT	N/A	
9.128	9.128	INTERSECTION	LEFT	UNPAVED ROUTE (YAMPA VALLEY TRAIL ACCESS)
9.209	9.209	CULVERT	N/A	
9.314	9.320	CURB	RIGHT	
9.315	9.315	CULVERT	N/A	
9.351	9.351	SIGN	RIGHT	REGULATORY, SPEED LIMIT 45
9.448	9.448	CULVERT	N/A	
9.565	9.565	CULVERT	N/A	
9.721	9.721	CULVERT	N/A	
9.877	9.877	CULVERT	N/A	
9.956	9.956	CULVERT	N/A	
10.177	10.177	CULVERT	N/A	
10.338	10.338	CULVERT	N/A	
10.351	10.481	CURB	LEFT	
10.436	10.436	CULVERT	N/A	
10.463	10.463	CULVERT	N/A	
10.545	10.605	CURB	RIGHT	
10.579	10.579	CULVERT	N/A	
10.670	10.720	CURB	RIGHT	
10.721	10.721	CULVERT	N/A	
10.728	10.728	SIGN	RIGHT	GUIDE, GRAPHIC SIGN, NO TEXT
10.763	10.763	CULVERT	N/A	
10.766	10.917	CURB	LEFT	
10.808	10.808	INTERSECTION	RIGHT	ROUTE 0923 (YAMPA RIVER PARKING AREA AT MP 10.8)

# DINO: ROUTE MAINTENANCE FEATURES ROAD LOG

## ROUTE 0101: DEERLODGE ENTRANCE ROAD

<b>FROM MILEPOST</b>	<b>TO MILEPOST</b>	<b>FEATURE</b>	<b>SIDE</b>	<b>COMMENT</b>
10.857	10.936	CURB	RIGHT	
10.920	10.920	CULVERT	N/A	
10.945	10.945	INTERSECTION	RIGHT	UNPAVED ROAD
10.982	10.982	CULVERT	N/A	
11.125	11.125	CULVERT	N/A	
11.578	11.578	CULVERT	N/A	
11.726	11.726	CULVERT	N/A	
11.877	11.877	SIGN	RIGHT	WARNING, CATTLE GUARD
11.884	12.003	CURB	RIGHT	
12.006	12.006	SIGN	RIGHT	REGULATORY, SPEED LIMIT 45
12.007	12.007	CATTLE GUARD	N/A	
12.009	12.009	PARK BOUNDARY	N/A	
12.050	12.050	SIGN	RIGHT	GUIDE, ENTERING DINOSAUR NATIONAL MONUMENT UNITED STATES DEPARTMENT OF THE INTERIOR NATIONAL PARK SERVICE
12.086	12.086	SIGN	RIGHT	WARNING, CATTLE GUARD
12.168	12.168	INTERSECTION	RIGHT	ROUTE 0212 (DEERLODGE CAMPGROUND ROAD)
12.177	12.177	SIGN	RIGHT	GUIDE, UNABLE TO READ FROM VIDEO
12.184	12.184	CULVERT	N/A	
12.321	12.321	CULVERT	N/A	
12.372	12.372	CULVERT	N/A	
12.444	12.444	CULVERT	N/A	
12.526	12.526	SIGN	RIGHT	REGULATORY, SPEED LIMIT 45
12.530	12.530	CULVERT	N/A	
12.544	12.607	CURB	RIGHT	
12.557	12.609	CURB	LEFT	
12.623	12.623	CULVERT	N/A	
12.629	12.633	CURB	LEFT	
12.630	12.638	CURB	RIGHT	
12.651	12.651	INTERSECTION	LEFT	ROUTE 0911B (DEERLODGE ENTRANCE ROAD PARKING B)
12.654	12.654	INTERSECTION	RIGHT	ROUTE 0911A (DEERLODGE ENTRANCE ROAD PARKING A)
12.675	12.675	INTERSECTION	LEFT	ROUTE 0101 (DEERLODGE ENTRANCE ROAD)
12.679	12.725	CURB-AND-GUTTER	LEFT	
12.680	12.680	SIGN	LEFT	GUIDE, GRAPHIC SIGN, NO TEXT
12.730	12.730	INTERSECTION	LEFT	ROUTE 0101 (DEERLODGE ENTRANCE ROAD)

# DINO: ROUTE MAINTENANCE FEATURES ROAD LOG

## ROUTE 0101: DEERLODGE ENTRANCE ROAD

<b>FROM MILEPOST</b>	<b>TO MILEPOST</b>	<b>FEATURE</b>	<b>SIDE</b>	<b>COMMENT</b>
12.730	12.730	INTERSECTION	RIGHT	ROUTE 0101 (DEERLODGE ENTRANCE ROAD)
12.730	12.730	ROUTE END	N/A	TO END OF LOOP

# DINO: ROUTE MAINTENANCE FEATURES ROAD LOG

## ROUTE 0200A: SPLIT MOUNTAIN CAMPGROUND LOOP ROAD

<b>FROM MILEPOST</b>	<b>TO MILEPOST</b>	<b>FEATURE</b>	<b>SIDE</b>	<b>COMMENT</b>
0.000	0.000	ROUTE BEGIN	N/A	FROM ROUTE 0216
0.000	0.000	INTERSECTION	RIGHT	ROUTE 0216 (SPLIT MOUNTAIN CAMPGROUND ACCESS ROAD)
0.000	0.000	INTERSECTION	LEFT	ROUTE 0200A (SPLIT MOUNTAIN CAMPGROUND LOOP ROAD)
0.000	0.000	INTERSECTION	N/A	ROUTE 0903 (SPLIT MOUNTAIN CAMPGROUND BOAT RAMP PARKING)
0.006	0.006	SIGN	LEFT	GUIDE, BOAT RAMP GROUP CAMPSITES PICNIC AREA
0.024	0.024	INTERSECTION	LEFT	ROUTE 0926 (SPLIT MOUNTAIN CAMPGROUND BOAT TRAILER PARKING)
0.038	0.039	GUARD/GUIDE WALL	LEFT	
0.039	0.039	SIGN	LEFT	GUIDE, DAY USE PICNIC AND GROUP CAMPING ONLY CAMPING FEE \$25.00 PER NIGHT PLUS \$10.00 RESERVATION FEE
0.039	0.039	SIGN	LEFT	GUIDE, SPLIT MOUNTAIN CAMPGROUND
0.040	0.040	SIGN	RIGHT	GUIDE, PICNIC AREA
0.040	0.040	SIGN	RIGHT	GUIDE, SELF REGISTRATION AND INFORMATION
0.041	0.041	GATE	N/A	
0.051	0.051	SIGN	LEFT	GUIDE, LITTER GATHERING ENCOURAGED WOOD GATHERING PROHIBITED
0.192	0.192	INTERSECTION	RIGHT	ROUTE 0200B (SPLIT MOUNTAIN CAMPGROUND SPUR ROAD)
0.196	0.196	INTERSECTION	RIGHT	ROUTE 0200B (SPLIT MOUNTAIN CAMPGROUND SPUR ROAD)
0.203	0.203	SIGN	RIGHT	REGULATORY, GRAPHIC SIGN, NO TEXT
0.204	0.204	INTERSECTION	LEFT	ROUTE 0926 (SPLIT MOUNTAIN CAMPGROUND BOAT TRAILER PARKING)
0.344	0.348	GUARD/GUIDE WALL	RIGHT	
0.350	0.350	GATE	N/A	
0.400	0.400	INTERSECTION	RIGHT	ROUTE 0903 (SPLIT MOUNTAIN CAMPGROUND BOAT RAMP PARKING)
0.400	0.400	INTERSECTION	LEFT	ROUTE 0200A (SPLIT MOUNTAIN CAMPGROUND LOOP ROAD)
0.400	0.400	INTERSECTION	N/A	ROUTE 0216 (SPLIT MOUNTAIN CAMPGROUND ACCESS ROAD)
0.400	0.400	ROUTE END	N/A	TO END OF LOOP

## DINO: ROUTE MAINTENANCE FEATURES ROAD LOG

### ROUTE 0200B: SPLIT MOUNTAIN CAMPGROUND SPUR ROAD

<b>FROM MILEPOST</b>	<b>TO MILEPOST</b>	<b>FEATURE</b>	<b>SIDE</b>	<b>COMMENT</b>
0.000	0.000	ROUTE BEGIN	N/A	FROM ROUTE 0200A
0.000	0.000	INTERSECTION	LEFT	ROUTE 0200A (SPLIT MOUNTAIN CAMPGROUND LOOP ROAD)
0.000	0.000	INTERSECTION	RIGHT	ROUTE 0200A (SPLIT MOUNTAIN CAMPGROUND LOOP ROAD)
0.007	0.007	GATE	N/A	
0.015	0.015	INTERSECTION	LEFT	ROUTE 0200A SPUR
0.019	0.019	GATE	N/A	
0.054	0.054	CULVERT	N/A	
0.230	0.230	INTERSECTION	LEFT	ROUTE 0200A (SPLIT MOUNTAIN CAMPGROUND LOOP ROAD)
0.235	0.235	SIGN	LEFT	REGULATORY, KEEP RIGHT
0.256	0.256	INTERSECTION	LEFT	ROUTE 0927B (SPLIT MOUNTAIN CAMPGROUND SPUR PARKING B)
0.271	0.271	SIGN	RIGHT	GUIDE, KIDS HUT
0.332	0.332	INTERSECTION	LEFT	ROUTE 0927A (SPLIT MOUNTAIN CAMPGROUND SPUR PARKING A)
0.360	0.360	INTERSECTION	LEFT	ROUTE 0200A (SPLIT MOUNTAIN CAMPGROUND LOOP ROAD)
0.360	0.360	INTERSECTION	N/A	ROUTE 0200A (SPLIT MOUNTAIN CAMPGROUND LOOP ROAD)
0.360	0.360	ROUTE END	N/A	TO END OF LOOP

# DINO: ROUTE MAINTENANCE FEATURES ROAD LOG

## ROUTE 0201: CANYON OVERLOOK ROAD

<b>FROM MILEPOST</b>	<b>TO MILEPOST</b>	<b>FEATURE</b>	<b>SIDE</b>	<b>COMMENT</b>
0.000	0.000	ROUTE BEGIN	N/A	FROM ROUTE 0011 AT MP 19.45
0.000	0.000	SIGN	RIGHT	REGULATORY, STOP
0.000	0.000	INTERSECTION	LEFT	ROUTE 0011 (HARPERS CORNER ROAD)
0.000	0.000	INTERSECTION	RIGHT	ROUTE 0011 (HARPERS CORNER ROAD)
0.015	0.015	CATTLE GUARD	N/A	
0.020	0.020	SIGN	RIGHT	WARNING, OPEN RANGE
0.610	0.610	SIGN	RIGHT	GUIDE, GRAPHIC SIGN, NO TEXT
0.610	0.610	SIGN	RIGHT	REGULATORY, SPEED LIMIT 15
0.696	0.696	DROP INLET	RIGHT	
0.701	0.701	PARK BOUNDARY	N/A	
0.703	0.703	INTERSECTION	LEFT	ROUTE 0215 (CANYON OVERLOOK LOWER ROAD)
0.775	0.779	CURB	LEFT	
0.779	0.779	DROP INLET	RIGHT	
0.788	0.788	INTERSECTION	LEFT	ROUTE 0919B (CANYON OVERLOOK PARKING AREA B)
0.805	0.807	CURB-AND-GUTTER	LEFT	
0.807	0.807	INTERSECTION	LEFT	ROUTE 0201 (CANYON OVERLOOK ROAD)
0.871	0.871	INTERSECTION	RIGHT	ROUTE 0919A (CANYON OVERLOOK PARKING AREA A)
0.880	0.880	INTERSECTION	N/A	ROUTE 0201 (CANYON OVERLOOK ROAD)
0.880	0.880	INTERSECTION	RIGHT	ROUTE 0919A (CANYON OVERLOOK PARKING AREA A)
0.880	0.880	INTERSECTION	LEFT	ROUTE 0201 (CANYON OVERLOOK ROAD)
0.880	0.880	ROUTE END	N/A	TO END OF LOOP

# DINO: ROUTE MAINTENANCE FEATURES ROAD LOG

## ROUTE 0202: GREEN RIVER CAMPGROUND ACCESS ROAD

<b>FROM MILEPOST</b>	<b>TO MILEPOST</b>	<b>FEATURE</b>	<b>SIDE</b>	<b>COMMENT</b>
0.000	0.000	ROUTE BEGIN	N/A	FROM ROUTE 0010 AT MP 5.91
0.000	0.000	INTERSECTION	LEFT	ROUTE 0010 (GRD MAIN ENTRANCE ROAD)
0.000	0.000	INTERSECTION	RIGHT	ROUTE 0010 (GRD MAIN ENTRANCE ROAD)
0.000	0.000	SIGN	N/A	GUIDE, US 40 10 MI DINOSAUR QUARRY 5 MI
0.000	0.000	SIGN	RIGHT	REGULATORY, STOP
0.019	0.019	CULVERT	N/A	
0.023	0.023	SIGN	N/A	REGULATORY, ROAD CLOSED
0.023	0.023	GATE	N/A	
0.171	0.171	SIGN	RIGHT	WARNING, GRAPHIC SIGN, NO TEXT
0.171	0.171	SIGN	RIGHT	REGULATORY, SPEED LIMIT 15
0.173	0.173	INTERSECTION	RIGHT	UNPAVED ROAD
0.189	0.189	CULVERT	N/A	
0.313	0.313	CULVERT	N/A	
0.337	0.337	SIGN	RIGHT	REGULATORY, SPEED LIMIT 15
0.338	0.338	SIGN	RIGHT	REGULATORY, SPEED LIMIT 15
0.379	0.379	SIGN	RIGHT	REGULATORY, GO SLOW SAFETY BUMPS
0.406	0.406	SIGN	RIGHT	GUIDE, KEEP ALL WHEELS ON PAVEMENT
0.436	0.436	SIGN	RIGHT	GUIDE, CAMPING FEES \$12.00
0.436	0.436	SIGN	RIGHT	GUIDE, GREEN RIVER RANGER STATION
0.452	0.452	INTERSECTION	RIGHT	ROUTE 0925A (GREEN RIVER CAMPGROUND PARKING AREA A)
0.456	0.456	INTERSECTION	LEFT	ROUTE 0214A (GREEN RIVER CAMPGROUND LOOP ROAD A)
0.458	0.458	INTERSECTION	RIGHT	ROUTE 0214C (GREEN RIVER CAMPGROUND LOOP ROAD C)
0.460	0.460	INTERSECTION	N/A	ROUTE 0214B (GREEN RIVER CAMPGROUND LOOP ROAD B)
0.460	0.460	SIGN	RIGHT	GUIDE, SELF REGISTRATION AND INFORMATION
0.460	0.460	ROUTE END	N/A	TO ROUTE 0214C

## DINO: ROUTE MAINTENANCE FEATURES ROAD LOG

### ROUTE 0213: CROSS MOUNTAIN GORGE ROAD

<b>FROM MILEPOST</b>	<b>TO MILEPOST</b>	<b>FEATURE</b>	<b>SIDE</b>	<b>COMMENT</b>
0.000	0.000	ROUTE BEGIN	N/A	FROM ROUTE 0101 AT MP 4.14
0.000	0.000	INTERSECTION	LEFT	ROUTE 0101 (DEERLODGE ENTRANCE ROAD)
0.000	0.000	INTERSECTION	RIGHT	ROUTE 0101 (DEERLODGE ENTRANCE ROAD)
0.002	0.002	SIGN	RIGHT	REGULATORY, STOP
0.017	0.017	CATTLE GUARD	N/A	
0.216	0.216	CATTLE GUARD	N/A	
0.217	0.240	CURB-AND-GUTTER	RIGHT	
0.221	0.221	INTERSECTION	LEFT	ROUTE 0213 (CROSS MOUNTAIN GORGE ROAD)
0.246	0.246	INTERSECTION	RIGHT	ROUTE 0924 (CROSS MOUNTAIN GORGE PARKING AREA)
0.299	0.299	CULVERT	N/A	
0.309	0.309	INTERSECTION	RIGHT	ROUTE 0213 (CROSS MOUNTAIN GORGE ROAD)
0.309	0.309	INTERSECTION	LEFT	ROUTE 0213 (CROSS MOUNTAIN GORGE ROAD)
0.310	0.310	ROUTE END	N/A	TO ROUTE 0924 AT CATTLE GUARD

## DINO: ROUTE MAINTENANCE FEATURES ROAD LOG

### ROUTE 0214A: GREEN RIVER CAMPGROUND LOOP ROAD A

<b>FROM MILEPOST</b>	<b>TO MILEPOST</b>	<b>FEATURE</b>	<b>SIDE</b>	<b>COMMENT</b>
0.000	0.000	ROUTE BEGIN	N/A	FROM ROUTE 0214B
0.000	0.000	INTERSECTION	N/A	ROUTE 0214C (GREEN RIVER CAMPGROUND LOOP ROAD C)
0.000	0.000	INTERSECTION	RIGHT	ROUTE 0214B (GREEN RIVER CAMPGROUND LOOP ROAD B)
0.000	0.000	INTERSECTION	LEFT	ROUTE 0202 (GREEN RIVER CAMPGROUND ACCESS ROAD)
0.005	0.005	GATE	N/A	
0.006	0.006	SIGN	LEFT	REGULATORY, STOP
0.012	0.012	SIGN	LEFT	REGULATORY, DO NOT ENTER
0.014	0.014	INTERSECTION	LEFT	ROUTE 0214A (GREEN RIVER CAMPGROUND LOOP ROAD A)
0.017	0.017	SIGN	LEFT	REGULATORY, DO NOT ENTER
0.017	0.017	SIGN	LEFT	REGULATORY, GRAPHIC SIGN, NO TEXT
0.137	0.137	SIGN	RIGHT	GUIDE, SPLIT MTN SCENIC TRAIL SPLIT MTN CMGO. 1.8 MI
0.250	0.250	INTERSECTION	LEFT	ROUTE 0214A (GREEN RIVER CAMPGROUND LOOP ROAD A)
0.250	0.250	INTERSECTION	RIGHT	ROUTE 0214A (GREEN RIVER CAMPGROUND LOOP ROAD A)
0.250	0.250	ROUTE END	N/A	TO END OF LOOP

# DINO: ROUTE MAINTENANCE FEATURES ROAD LOG

## ROUTE 0214B: GREEN RIVER CAMPGROUND LOOP ROAD B

<b>FROM MILEPOST</b>	<b>TO MILEPOST</b>	<b>FEATURE</b>	<b>SIDE</b>	<b>COMMENT</b>
0.000	0.000	ROUTE BEGIN	N/A	FROM END OF ROUTE 0202
0.000	0.000	INTERSECTION	LEFT	ROUTE 0214A (GREEN RIVER CAMPGROUND LOOP ROAD A)
0.000	0.000	INTERSECTION	N/A	ROUTE 0202 (GREEN RIVER CAMPGROUND ACCESS ROAD)
0.000	0.000	INTERSECTION	RIGHT	ROUTE 0214C (GREEN RIVER CAMPGROUND LOOP ROAD C)
0.006	0.006	SIGN	RIGHT	GUIDE, LEASH ALL PETS
0.006	0.006	SIGN	RIGHT	GUIDE, LITTER GATHERING ENCOURAGED WOOD GATHERING PROHIBITED
0.008	0.008	SIGN	RIGHT	GUIDE, CAMPFIRE CIRCLE
0.008	0.008	SIGN	RIGHT	GUIDE, B ROAD SITES 32-38
0.019	0.019	SIGN	LEFT	REGULATORY, ONE WAY
0.040	0.040	SIGN	RIGHT	WARNING, GRAPHIC SIGN, NO TEXT
0.056	0.056	SIGN	LEFT	GUIDE, CAMPFIRE CIRCLE
0.083	0.083	INTERSECTION	LEFT	ROUTE 0925B (GREEN RIVER CAMPGROUND PARKING AREA B)
0.168	0.168	SIGN	RIGHT	REGULATORY, SPEED LIMIT 15
0.180	0.180	INTERSECTION	N/A	ROUTE 0214D (GREEN RIVER CAMPGROUND LOOP ROAD D)
0.180	0.180	SIGN	LEFT	REGULATORY, DO NOT ENTER
0.180	0.180	INTERSECTION	LEFT	ROUTE 0214E (GREEN RIVER CAMPGROUND LOOP ROAD E)
0.180	0.180	INTERSECTION	RIGHT	ROUTE 0214C (GREEN RIVER CAMPGROUND LOOP ROAD C)
0.180	0.180	ROUTE END	N/A	TO INTERSECTION OF ROUTES 0214C AND 0214D

## DINO: ROUTE MAINTENANCE FEATURES ROAD LOG

### ROUTE 0214C: GREEN RIVER CAMPGROUND LOOP ROAD C

<b>FROM MILEPOST</b>	<b>TO MILEPOST</b>	<b>FEATURE</b>	<b>SIDE</b>	<b>COMMENT</b>
0.000	0.000	ROUTE BEGIN	N/A	FROM INTERSECTION OF ROUTE 0214B, 0214D, 0214E
0.000	0.000	INTERSECTION	LEFT	ROUTE 0214D (GREEN RIVER CAMPGROUND LOOP ROAD D)
0.000	0.000	INTERSECTION	N/A	ROUTE 0214E (GREEN RIVER CAMPGROUND LOOP ROAD E)
0.000	0.000	INTERSECTION	RIGHT	ROUTE 0214B (GREEN RIVER CAMPGROUND LOOP ROAD B)
0.005	0.005	SIGN	RIGHT	REGULATORY, ONE WAY
0.119	0.119	SIGN	LEFT	REGULATORY, DO NOT ENTER
0.122	0.122	INTERSECTION	LEFT	ROUTE 0214D (GREEN RIVER CAMPGROUND LOOP ROAD D)
0.122	0.122	SIGN	RIGHT	GUIDE, ONLY
0.124	0.124	SIGN	LEFT	REGULATORY, ONE WAY
0.124	0.124	SIGN	LEFT	REGULATORY, DO NOT ENTER
0.136	0.136	SIGN	RIGHT	REGULATORY, STOP
0.140	0.140	INTERSECTION	LEFT	ROUTE 0202 (GREEN RIVER CAMPGROUND ACCESS ROAD)
0.140	0.140	INTERSECTION	N/A	ROUTE 0214A (GREEN RIVER CAMPGROUND LOOP ROAD A)
0.140	0.140	INTERSECTION	RIGHT	ROUTE 0214B (GREEN RIVER CAMPGROUND LOOP ROAD B)
0.140	0.140	ROUTE END	N/A	TO ROUTE 0214B

## DINO: ROUTE MAINTENANCE FEATURES ROAD LOG

### ROUTE 0214D: GREEN RIVER CAMPGROUND LOOP ROAD D

<b>FROM MILEPOST</b>	<b>TO MILEPOST</b>	<b>FEATURE</b>	<b>SIDE</b>	<b>COMMENT</b>
0.000	0.000	ROUTE BEGIN	N/A	FROM END OF ROUTE 0214B
0.000	0.000	INTERSECTION	LEFT	ROUTE 0214E (GREEN RIVER CAMPGROUND LOOP ROAD E)
0.000	0.000	INTERSECTION	N/A	ROUTE 0214B (GREEN RIVER CAMPGROUND LOOP ROAD B)
0.000	0.000	INTERSECTION	RIGHT	ROUTE 0214C (GREEN RIVER CAMPGROUND LOOP ROAD C)
0.022	0.022	INTERSECTION	LEFT	ROUTE 0214E (GREEN RIVER CAMPGROUND LOOP ROAD E)
0.026	0.026	SIGN	LEFT	GUIDE, D ROAD SITES 54-68 E LOOP SITES 65-100
0.177	0.177	SIGN	RIGHT	REGULATORY, YIELD
0.180	0.180	SIGN	N/A	REGULATORY, GRAPHIC SIGN, NO TEXT
0.180	0.180	INTERSECTION	LEFT	ROUTE 0214C (GREEN RIVER CAMPGROUND LOOP ROAD C)
0.180	0.180	INTERSECTION	RIGHT	ROUTE 0214C (GREEN RIVER CAMPGROUND LOOP ROAD C)
0.180	0.180	ROUTE END	N/A	TO ROUTE 0214C

## DINO: ROUTE MAINTENANCE FEATURES ROAD LOG

### ROUTE 0214E: GREEN RIVER CAMPGROUND LOOP ROAD E

<b>FROM MILEPOST</b>	<b>TO MILEPOST</b>	<b>FEATURE</b>	<b>SIDE</b>	<b>COMMENT</b>
0.000	0.000	ROUTE BEGIN	N/A	FROM ROUTE 0214D
0.000	0.000	INTERSECTION	N/A	ROUTE 0214D (GREEN RIVER CAMPGROUND LOOP ROAD D)
0.000	0.000	INTERSECTION	RIGHT	ROUTE 0214D (GREEN RIVER CAMPGROUND LOOP ROAD D)
0.007	0.007	GATE	N/A	
0.277	0.277	GATE	N/A	
0.277	0.277	SIGN	RIGHT	REGULATORY, YIELD
0.280	0.280	SIGN	RIGHT	REGULATORY, DO NOT ENTER
0.280	0.280	INTERSECTION	LEFT	ROUTE 0214D (GREEN RIVER CAMPGROUND LOOP ROAD D)
0.280	0.280	INTERSECTION	N/A	ROUTE 0214C (GREEN RIVER CAMPGROUND LOOP ROAD C)
0.280	0.280	INTERSECTION	RIGHT	ROUTE 0214E (GREEN RIVER CAMPGROUND LOOP ROAD E)
0.280	0.280	ROUTE END	N/A	TO END OF LOOP

## DINO: ROUTE MAINTENANCE FEATURES ROAD LOG

### ROUTE 0215: CANYON OVERLOOK LOWER ROAD

<b>FROM MILEPOST</b>	<b>TO MILEPOST</b>	<b>FEATURE</b>	<b>SIDE</b>	<b>COMMENT</b>
0.000	0.000	ROUTE BEGIN	N/A	FROM ROUTE 0201
0.000	0.000	INTERSECTION	LEFT	ROUTE 0201 (CANYON OVERLOOK ROAD)
0.000	0.000	INTERSECTION	RIGHT	ROUTE 0201 (CANYON OVERLOOK ROAD)
0.000	0.000	SIGN	RIGHT	REGULATORY, YIELD
0.043	0.133	CURB	RIGHT	
0.069	0.069	DROP INLET	RIGHT	
0.111	0.204	CURB	LEFT	
0.204	0.209	CURB-AND-GUTTER	RIGHT	
0.216	0.216	INTERSECTION	LEFT	ROUTE 0215 (CANYON OVERLOOK LOWER ROAD)
0.232	0.232	INTERSECTION	RIGHT	ROUTE 0920 (CANYON OVERLOOK LOWER ROAD PARKING AREA)
0.251	0.253	CURB-AND-GUTTER	RIGHT	
0.300	0.300	INTERSECTION	LEFT	ROUTE 0215 (CANYON OVERLOOK LOWER ROAD)
0.300	0.300	INTERSECTION	N/A	ROUTE 0215 (CANYON OVERLOOK LOWER ROAD)
0.300	0.300	ROUTE END	N/A	TO END OF LOOP

# DINO: ROUTE MAINTENANCE FEATURES ROAD LOG

## ROUTE 0216: SPLIT MOUNTAIN CAMPGROUND ACCESS ROAD

<b>FROM MILEPOST</b>	<b>TO MILEPOST</b>	<b>FEATURE</b>	<b>SIDE</b>	<b>COMMENT</b>
0.000	0.000	ROUTE BEGIN	N/A	FROM ROUTE 0010
0.000	0.000	SIGN	N/A	GUIDE, UNABLE TO READ FROM VIDEO
0.000	0.000	SIGN	RIGHT	REGULATORY, STOP
0.000	0.000	INTERSECTION	RIGHT	ROUTE 0010 (GRD MAIN ENTRANCE ROAD)
0.000	0.000	INTERSECTION	LEFT	ROUTE 0010 (GRD MAIN ENTRANCE ROAD)
0.006	0.032	CURB	RIGHT	
0.103	0.103	SIGN	RIGHT	WARNING, STOP AHEAD
0.140	0.140	SIGN	RIGHT	REGULATORY, 3
0.141	0.169	PULLOUT	RIGHT	
0.181	0.181	CULVERT	N/A	
0.257	0.257	CULVERT	N/A	
0.285	0.322	PULLOUT	LEFT	
0.288	0.288	SIGN	RIGHT	REGULATORY, SPEED LIMIT 15
0.288	0.288	SIGN	RIGHT	WARNING, GRAPHIC SIGN, NO TEXT
0.379	0.379	CULVERT	N/A	
0.384	0.384	SIGN	RIGHT	REGULATORY, SPEED LIMIT 15
0.384	0.384	SIGN	RIGHT	WARNING, GRAPHIC SIGN, NO TEXT
0.412	0.454	PULLOUT	RIGHT	
0.415	0.415	SIGN	RIGHT	REGULATORY, 4
0.614	0.614	SIGN	RIGHT	WARNING, GRAPHIC SIGN, NO TEXT
0.644	0.644	SIGN	RIGHT	GUIDE, SCENIC OVERLOOK 300 FT
0.681	0.681	CULVERT	N/A	
0.688	0.688	CULVERT	N/A	
0.705	0.705	SIGN	RIGHT	REGULATORY, 5
0.712	0.760	PULLOUT	RIGHT	
0.735	0.753	GUARD/GUIDE RAIL	RIGHT	
0.746	0.746	SIGN	RIGHT	WARNING, GRAPHIC SIGN, NO TEXT
0.761	0.761	SIGN	RIGHT	WARNING, HILL USE LOW GEAR
0.768	0.768	GATE	N/A	LONG METAL POLE
0.825	0.835	GUARD/GUIDE RAIL	RIGHT	
0.868	0.868	SIGN	RIGHT	WARNING, GRAPHIC SIGN, NO TEXT
0.868	0.868	SIGN	RIGHT	REGULATORY, SPEED LIMIT 15
0.957	0.957	CULVERT	N/A	
0.979	0.979	SIGN	RIGHT	REGULATORY, SPEED LIMIT 15

## DINO: ROUTE MAINTENANCE FEATURES ROAD LOG

### ROUTE 0216: SPLIT MOUNTAIN CAMPGROUND ACCESS ROAD

<b>FROM MILEPOST</b>	<b>TO MILEPOST</b>	<b>FEATURE</b>	<b>SIDE</b>	<b>COMMENT</b>
0.990	0.990	INTERSECTION	LEFT	ROUTE 0903 (SPLIT MOUNTAIN CAMPGROUND BOAT RAMP PARKING)
0.990	0.990	INTERSECTION	N/A	ROUTE 0200A (SPLIT MOUNTAIN CAMPGROUND LOOP ROAD)
0.990	0.990	INTERSECTION	RIGHT	ROUTE 0200A (SPLIT MOUNTAIN CAMPGROUND LOOP ROAD)
0.990	0.990	SIGN	N/A	REGULATORY, DO NOT ENTER
0.990	0.990	ROUTE END	N/A	TO ROUTE 0200A

## DINO: ROUTE MAINTENANCE FEATURES ROAD LOG

### ROUTE 0217: IRON SPRINGS BENCH OVERLOOK ROAD

<b>FROM MILEPOST</b>	<b>TO MILEPOST</b>	<b>FEATURE</b>	<b>SIDE</b>	<b>COMMENT</b>
0.000	0.000	ROUTE BEGIN	N/A	FROM ROUTE 0011 AT MP 27.32
0.000	0.000	INTERSECTION	LEFT	ROUTE 0011 (HARPERS CORNER ROAD)
0.000	0.000	INTERSECTION	RIGHT	ROUTE 0011 (HARPERS CORNER ROAD)
0.004	0.004	SIGN	RIGHT	REGULATORY, STOP
0.116	0.116	INTERSECTION	LEFT	ROUTE 0217 (IRON SPRINGS BENCH OVERLOOK ROAD)
0.148	0.214	CURB-AND-GUTTER	LEFT	
0.159	0.164	CURB-AND-GUTTER	RIGHT	
0.176	0.176	INTERSECTION	RIGHT	ROUTE 0909A (IRON SPRINGS BENCH PARKING AREA A)
0.217	0.245	CURB	RIGHT	
0.230	0.230	INTERSECTION	LEFT	ROUTE 0909B (IRON SPRINGS BENCH PARKING AREA B)
0.243	0.248	CURB-AND-GUTTER	LEFT	
0.270	0.270	INTERSECTION	N/A	ROUTE 0217 (IRON SPRINGS BENCH OVERLOOK ROAD)
0.270	0.270	INTERSECTION	LEFT	ROUTE 0217 (IRON SPRINGS BENCH OVERLOOK ROAD)
0.270	0.270	ROUTE END	N/A	TO END OF LOOP

## DINO: ROUTE MAINTENANCE FEATURES ROAD LOG

### ROUTE 0218: ISLAND PARK OVERLOOK ROAD

<b>FROM MILEPOST</b>	<b>TO MILEPOST</b>	<b>FEATURE</b>	<b>SIDE</b>	<b>COMMENT</b>
0.000	0.000	ROUTE BEGIN	N/A	FROM ROUTE 0011 AT MP 26.09
0.000	0.000	INTERSECTION	RIGHT	ROUTE 0011 (HARPERS CORNER ROAD)
0.000	0.000	SIGN	RIGHT	REGULATORY, STOP
0.000	0.000	INTERSECTION	LEFT	ROUTE 0011 (HARPERS CORNER ROAD)
0.130	0.130	INTERSECTION	LEFT	ROUTE 0218 (ISLAND PARK OVERLOOK ROAD)
0.137	0.193	CURB-AND-GUTTER	LEFT	
0.144	0.146	CURB-AND-GUTTER	RIGHT	
0.164	0.164	INTERSECTION	RIGHT	ROUTE 0908 (ISLAND PARK OVERLOOK PARKING AREA)
0.190	0.193	CURB-AND-GUTTER	RIGHT	
0.199	0.199	INTERSECTION	RIGHT	ROUTE 0011 (HARPERS CORNER ROAD)
0.199	0.199	INTERSECTION	LEFT	ROUTE 0011 (HARPERS CORNER ROAD)
0.200	0.200	ROUTE END	N/A	TO END OF LOOP

## DINO: ROUTE MAINTENANCE FEATURES ROAD LOG

### ROUTE 0219: ESCALANTE OVERLOOK ROAD

<b>FROM MILEPOST</b>	<b>TO MILEPOST</b>	<b>FEATURE</b>	<b>SIDE</b>	<b>COMMENT</b>
0.000	0.000	ROUTE BEGIN	N/A	FROM ROUTE 0011 AT MP 8.08
0.000	0.000	INTERSECTION	LEFT	ROUTE 0011 (HARPERS CORNER ROAD)
0.000	0.000	INTERSECTION	RIGHT	ROUTE 0011 (HARPERS CORNER ROAD)
0.002	0.002	SIGN	RIGHT	REGULATORY, STOP
0.117	0.117	INTERSECTION	LEFT	ROUTE 0219 (ESCALANTE OVERLOOK ROAD)
0.144	0.144	INTERSECTION	RIGHT	ROUTE 0906 (ESCALANTE OVERLOOK PARKING AREA)
0.220	0.220	INTERSECTION	LEFT	ROUTE 0219 (ESCALANTE OVERLOOK ROAD)
0.220	0.220	INTERSECTION	RIGHT	ROUTE 0219 (ESCALANTE OVERLOOK ROAD)
0.220	0.220	ROUTE END	N/A	TO END OF LOOP

## DINO: ROUTE MAINTENANCE FEATURES ROAD LOG

### ROUTE 0223: LOWER VISITOR CENTER SHUTTLE BUS PICKUP ROAD

<b>FROM MILEPOST</b>	<b>TO MILEPOST</b>	<b>FEATURE</b>	<b>SIDE</b>	<b>COMMENT</b>
0.000	0.000	ROUTE BEGIN	N/A	FROM ROUTE 0100
0.000	0.000	INTERSECTION	LEFT	ROUTE 0100 (QUARRY ACCESS ROAD)
0.000	0.000	INTERSECTION	RIGHT	ROUTE 0100 (QUARRY ACCESS ROAD)
0.011	0.011	SIGN	RIGHT	REGULATORY, DO NOT ENTER
0.012	0.012	GATE	N/A	
0.012	0.012	SIGN	N/A	REGULATORY, ROAD CLOSED
0.015	0.015	SIGN	RIGHT	REGULATORY, YIELD
0.049	0.049	INTERSECTION	LEFT	ROUTE 0223 (LOWER VISITOR CENTER SHUTTLE BUS PICKUP ROAD)
0.055	0.105	CURB	LEFT	
0.057	0.077	CURB-AND-GUTTER	RIGHT	
0.110	0.110	INTERSECTION	LEFT	ROUTE 0223 (LOWER VISITOR CENTER SHUTTLE BUS PICKUP ROAD)
0.110	0.110	INTERSECTION	RIGHT	ROUTE 0223 (LOWER VISITOR CENTER SHUTTLE BUS PICKUP ROAD)
0.110	0.110	ROUTE END	N/A	TO END OF LOOP

## DINO: ROUTE MAINTENANCE FEATURES ROAD LOG

### ROUTE 0400: QUARRY RESIDENTIAL ROAD

<b>FROM MILEPOST</b>	<b>TO MILEPOST</b>	<b>FEATURE</b>	<b>SIDE</b>	<b>COMMENT</b>
0.000	0.000	ROUTE BEGIN	N/A	FROM ROUTE 0010
0.000	0.000	INTERSECTION	LEFT	ROUTE 0010 (GRD MAIN ENTRANCE ROAD)
0.000	0.000	INTERSECTION	RIGHT	ROUTE 0010 (GRD MAIN ENTRANCE ROAD)
0.006	0.006	SIGN	RIGHT	REGULATORY, STOP
0.020	0.020	SIGN	RIGHT	GUIDE, EMPLOYEE HOUSING MAINTENANCE AREA
0.074	0.074	CULVERT	N/A	
0.162	0.162	INTERSECTION	RIGHT	ROUTE 0921 (GRD SEASONAL HOUSING PARKING)
0.171	0.178	CURB-AND-GUTTER	RIGHT	
0.175	0.175	FIRE HYDRANT	RIGHT	
0.240	0.240	FIRE HYDRANT	RIGHT	
0.242	0.242	INTERSECTION	RIGHT	ROUTE 0917 (QUARRY MAINTENANCE AREA)
0.253	0.253	SIGN	RIGHT	GUIDE, RESOURCE CENTER
0.257	0.257	INTERSECTION	LEFT	UNPAVED PARKING FOR RESOURCE CENTER
0.265	0.265	SIGN	RIGHT	WARNING, SLOW CHILDREN
0.275	0.275	INTERSECTION	RIGHT	ROUTE 0403 (WASTEWATER ROAD)
0.322	0.322	CULVERT	N/A	
0.325	0.325	SIGN	RIGHT	GUIDE, EMPLOYEE HOUSING MAINTENANCE AREA
0.328	0.328	SIGN	RIGHT	REGULATORY, YIELD
0.330	0.330	INTERSECTION	LEFT	ROUTE 0100 (QUARRY ACCESS ROAD)
0.330	0.330	INTERSECTION	RIGHT	ROUTE 0100 (QUARRY ACCESS ROAD)
0.330	0.330	ROUTE END	N/A	TO ROUTE 0403

# DINO: ROUTE MAINTENANCE FEATURES ROAD LOG

## ROUTE 0401: HEADQUARTERS QUARTERS ROAD

<b>FROM MILEPOST</b>	<b>TO MILEPOST</b>	<b>FEATURE</b>	<b>SIDE</b>	<b>COMMENT</b>
0.000	0.000	ROUTE BEGIN	N/A	FROM ROUTE 0011 AT MP 0.37
0.000	0.000	INTERSECTION	RIGHT	ROUTE 0011 (HARPERS CORNER ROAD)
0.000	0.000	INTERSECTION	LEFT	ROUTE 0011 (HARPERS CORNER ROAD)
0.003	0.003	SIGN	RIGHT	REGULATORY, STOP
0.011	0.011	SIGN	RIGHT	GUIDE, EMPLOYEE HOUSING AREA
0.011	0.011	SIGN	RIGHT	GUIDE, EMPLOYEES ONLY
0.043	0.043	CULVERT	N/A	
0.067	0.067	CULVERT	N/A	
0.094	0.094	CULVERT	N/A	
0.106	0.106	CULVERT	N/A	
0.125	0.125	CULVERT	N/A	
0.145	0.145	CULVERT	N/A	
0.158	0.158	CULVERT	N/A	
0.184	0.184	CULVERT	N/A	
0.202	0.202	CULVERT	N/A	
0.213	0.213	CULVERT	N/A	
0.221	0.221	SIGN	RIGHT	REGULATORY, SPEED LIMIT 15
0.271	0.271	CULVERT	N/A	
0.282	0.282	SIGN	RIGHT	WARNING, SLOW CHILDREN
0.287	0.287	INTERSECTION	RIGHT	ROUTE 0402 (HEADQUARTERS QUARTERS WELL ROAD)
0.306	0.306	INTERSECTION	LEFT	ROUTE 0922A (HEADQUARTERS QUARTERS PARKING AREA A)
0.308	0.308	INTERSECTION	RIGHT	ROUTE 0922B (HEADQUARTERS QUARTERS PARKING AREA B)
0.446	0.446	FIRE HYDRANT	LEFT	
0.450	0.450	INTERSECTION	N/A	ROUTE 0401 (HEADQUARTERS QUARTERS ROAD)
0.450	0.450	ROUTE END	N/A	TO END AT CULDESAC

## DINO: ROUTE MAINTENANCE FEATURES ROAD LOG

### ROUTE 0403: WASTEWATER ROAD

<b>FROM MILEPOST</b>	<b>TO MILEPOST</b>	<b>FEATURE</b>	<b>SIDE</b>	<b>COMMENT</b>
0.000	0.000	ROUTE BEGIN	N/A	FROM ROUTE 0100
0.000	0.000	INTERSECTION	N/A	ROUTE 0403 (WASTEWATER ROAD)
0.000	0.000	INTERSECTION	RIGHT	ROUTE 0400 (QUARRY RESIDENTIAL ROAD)
0.020	0.020	INTERSECTION	RIGHT	ROUTE 0915 (QUARRY EMPLOYEE PARKING)
0.039	0.039	INTERSECTION	RIGHT	ROUTE 0917 (QUARRY MAINTENANCE AREA)
0.180	0.180	INTERSECTION	N/A	ROUTE 0403 (WASTEWATER ROAD)
0.180	0.180	ROUTE END	N/A	TO END OF PAVEMENT

# Dinosaur National Monument



## **Section 10 Appendix**

## **APPENDIX A: GLOSSARY OF TERMS AND ABBREVIATIONS**

<b>TERM OR ABBREVIATION</b>	<b>DESCRIPTION OR DEFINITION</b>
AADT	(Annual Average Daily Traffic) The estimate of typical daily traffic on a road segment for all days of the week over the period of one year.
CRS	Condition Rating Sheets. (Section 5)
Excellent	Excellent rating with an index value of 95 or greater
Fair	Fair rating with an index value from 61 to 84
Func. Class	Functional Classification (see Route ID, Section 4)
Good	Good rating with an index value from 85 to 94
IRI	International Roughness Index
Lane Width	Width from road centerline to fogline, or from centerline to edge-of-pavement when no fogline exists
MRR	Manually Rated Route
N/A	Not Applicable
NC	Not Collected
Paved Width	Width from edge-of-pavement to edge-of-pavement
PCR	Pavement Condition Rating (Appendix B, Section 10)
Poor	Poor Rating with an index value of 60 or less
RCI	Roughness Condition Index
SADT	(Seasonal Annual Daily Traffic) The AADT adjusted to represent just the period of the year containing 80 percent of the total annual traffic.
SCR	Surface Condition Rating (Appendix B, Section 10)
Shoulder Width	Distance from fogline to hinge point, or if no fogline, from edge-of-pavement to hinge point.

## **APPENDIX B: DESCRIPTION OF RATING SYSTEM**

A numerical roadway rating system is used to describe the overall condition of the paved roadways and paved parking areas. In this system, a numerical rating between 0 and 100 is ascribed to each 0.02 miles of road. This numerical rating is called a Pavement Condition Rating (PCR). A “perfect” road, newly constructed with no surface distresses and a smooth surface, would be assigned a PCR rating of 100. Based on the type, severity, and extent of surface distresses points are deducted from 100 to arrive at the final PCR.

Data is collected on the following distresses and conditions:

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

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

### **Calculation of Index Values**

**Note:** Index values < 0 default to 0. Index values > 100 default to 100.

For all indices, a higher value indicates a better road condition, and a lower value indicates a poorer road condition.

All severity protocols are taken from the SHRP Distress Identification Manual.

#### **Condition Ranges for all Indices**

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

#### **Alligator Crack Index**

$$AC\_INDEX = 100 - 40 * [(\%LOW / 70) + (\%MED / 30) + (\%HI / 10)]$$

Where :

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

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

$\%MED = (\text{Total square area WX measured medium severity alligator cracking}) / (\text{Section length} * \text{WX measured lane width})$

$\%HI = (\text{Total square area WX measured high severity alligator cracking}) / (\text{Section length} * \text{WX measured lane width})$

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

The threshold for failure for this index is  $AC\_INDEX = 60$ .

#### Severity Levels:

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

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

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

#### Longitudinal Crack Index

$LC\_INDEX = 100 - 40 * [(\%LOW / 350) + (\%MED / 200) + (\%HI / 75)]$

#### Where:

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

$\%LOW = (\text{Total linear feet WX measured low severity longitudinal cracking}) / (\text{Section length in linear feet})$

$\%MED = (\text{Total linear feet WX measured medium severity longitudinal cracking}) / (\text{Section length in linear feet})$

$\%HI = (\text{Total linear feet WX measured high severity longitudinal cracking}) / (\text{Section length in linear feet})$

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

The threshold for failure for this index is  $LC\_INDEX = 60$ .

#### Severity Levels:

Low severity longitudinal cracks have a mean width  $\leq 1/4''$ , or are sealed cracks of indeterminate width whose sealant material is in good condition.

Medium severity longitudinal cracks have a mean width  $> 1/4''$  and  $\leq 3/4''$ .

High severity longitudinal cracks have a mean width  $> 3/4''$ .

### Transverse Crack Index

$$TC\_INDEX = 100 - \{[20 * ((LOW / 15.1) + (MED / 7.5))] + [40 * (HI / 1.9)]\}$$

Where:

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

**LOW** = (Total linear feet WX measured low severity transverse cracking) / (WX measured lane width)

**MED** = (Total linear feet WX measured medium severity transverse cracking) / (WX measured lane width)

**HI** = (Total linear feet WX measured high severity transverse cracking) / (WX measured lane width)

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

The threshold for failure for this index is  $TC\_INDEX = 60$ .

Severity Levels:

Low severity transverse cracks have a mean width  $\leq 1/4$ " , or are sealed cracks of indeterminate width whose sealant material is in good condition.

Medium severity transverse cracks have a mean width  $> 1/4$ " and  $\leq 3/4$ " .

High severity transverse cracks have a mean width  $> 3/4$ " .

### Patching Index

$$PATCH\_INDEX = 100 - 40 * (\%PATCHING / 80)$$

Where:

The value **%PATCHING** describes the percent of the total WX measured area that is affected by patching. This value ranges from  $\geq 0$  to  $\leq 100$ .

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

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

The threshold for failure for this index is  $PATCH\_INDEX = 60$ .

There are no severity levels for patching.

### Rutting Index

$$RUT\_INDEX = 100 - 40 * [(\%LOW / 160) + (\%MED / 80) + (\%HI / 40)]$$

Where:

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

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

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

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

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

The threshold for failure for this index is RUT\_INDEX = 60.

Severity Levels:

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

Low severity ruts have an ARAN measured depth  $\geq 0.20''$  and  $\leq 0.49''$ .

Medium severity ruts have an ARAN measured depth  $\geq 0.50''$  and  $\leq 0.99''$ .

High severity ruts have an ARAN measured depth  $\geq 1.00''$ .

### **Roughness Condition Index**

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

Where:

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

$$AVG IRI = (ARAN \text{ measured Left IRI} + ARAN \text{ measured Right IRI}) / 2$$

There is no applicable threshold for failure for this index.

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

### **Surface Condition Rating Index**

$$SCR = 100 - [(100 - AC\_INDEX) + (100 - LC\_INDEX) + (100 - TC\_INDEX) + (100 - PATCH\_INDEX) + (100 - RUT\_INDEX)]$$

Where:

See above for determinations of [AC\\_INDEX](#), [LC\\_INDEX](#), [TC\\_INDEX](#), [PATCH\\_INDEX](#) and [RUT\\_INDEX](#).

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

### **Pavement Condition Rating Index Asphaltic Concrete Pavement (AS)**

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

Where:

See above for determinations of [SCR](#) and [RCI](#).

The values [0.60](#) and [0.40](#) function as weights within the formula.

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

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

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

### **Pavement Condition Rating Index Portland Cement Concrete Pavement (CO)**

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

Where:

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

### **Parking Lot and Manually Rated Road Condition Rating**

#### **Surface Condition Distresses- Chip Seal:**

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

#### **Ratings - Chip Seal:**

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

#### **Surface Condition - Asphalt:**

- Cracking of any type
- Rutting
- Potholes/Patching

**Ratings - Asphalt:**

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

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

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

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

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

Under Construction 100

Excellent 97

Good 90

Fair 73

Poor 45

## **APPENDIX C: GENERAL INFORMATION ON RIP SYSTEMS**

### **DMI (Distance Measuring Instrument)**

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

### **Digital Image Information**

All images collected in Cycle 4 are digital images in .jpg format. These images provide adequate resolution for identifying sign and feature inventories and pavement evaluations. The images can be viewed with an interactive software program called VisiData. Each park will receive a copy of the VisiData program. Cycle 4 data, as well as Cycle 3 data, can be viewed using the Visi-Data software program. This program is a data presentation and analysis tool that can be accessed either at the individual park, park region or at NPS headquarters. The data is organized in a hierarchical manner and presented in tabular and graphical formats. The user is able to perform queries and drill down through the data to find the particular information they are looking for. Associated digital right-of-way images from either the LAN, USB port, individual DVD can be presented along with GPS locations.

### **Right-of-way (ROW) Video**

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

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

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

### **Pavement Video**

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

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

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

### **FHWA ARAN GPS & Inertial System**

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

### **GPS Collected on Manually Rated Routes**

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

### **GPS SHAPEFILES**

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

- Datum for all GPS shapefiles is LL\_WGS84\_DD (Latitude Longitude \_World Geodetic Survey 1984\_Decimal Degrees)
- In filename, “park” is NPS four-letter alphabetic code.
- The source for route data required for data processing and report production is the PARK\_RouteInfo.mdb.

### **Condition Photos Taken of Manually Rated Roads**

One or more digital photos are taken by Canon Power Shot G2 4.0 Mega Pixel digital camera for each manually rated route in a National Park. They are stored in .jpg format named with the four-letter NPS park alphabetic code, route number, and the photo number assigned by the camera. For example, YOSE\_0900\_4434.jpg is the filename of the photo named 4434 by the camera that was taken of Yosemite National Park route 0900.

### **Scenic Photos**

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

## **APPENDIX D: METADATA**

### **FHWA – NPS Road Inventory Program Cycle 4 Metadata**

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

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

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

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

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

### **Specific Caveats**

- MUTCD based on contents & colors of sign, not on size
- Database records that show a Portland Cement Concrete (CO) surface type sometimes include distress index values that seem to show a perfect roadway. Condition assessments on concrete pavements are not conducted for Alligator Cracking, Transverse or Longitudinal Cracking, Patching, or Rutting. Perfect values for concrete road sections for these indexes are default values and do not represent a condition assessment of the concrete surfaces.
- On the USB drive, in the Database folder, parks are provided with intersection lists and exceptions lists. These documents should be treated as raw files and are not accurate. Refer to the final database for accurately post-processed intersection data.
- Most roadway data is collected in the primary direction lane of a roadway. To save data storage space and to reduce data analysis efforts, the assumption was made that the paved surface condition of a route's primary lane adequately represents the surface condition of the full roadway. Therefore, in the database, opposite-direction records in the PMS\_Tenth table do not include assessed values for roadway surface distresses. Values such as 0, N/A, -1, or a repeat of the primary-direction assessed value indicate that no assessment was performed. The PMS\_20 and PMS\_Mile tables simply exclude all opposite routes.

- Roadway Data is collected in intervals of 0.010 miles (52.8feet) constituting a “station”.
- Most roadway features are collected relative to the primary direction lane of a roadway, using the primary-direction video and mileage. Signs and Mile Markers are the only features collected using the opposite-direction video with mileage location referenced to the primary direction lane of the roadway.
- Route\_GPS table contains GPS positional information collected by the ARAN and post processed with Applanix POSPac Land 5.0 post-processing software. No manual adjustments have occurred on this table.
- Modifications to the Park\_ROAD\_04.dbf/.shp/.shx files may have been necessary for report esthetics.
- Modifications to the Park\_PKG\_04.dbf/.shp/.shx files may have been necessary for report esthetics.
- Cycle 4 utilizes the Microsoft Office 2003 suite of products and Crystal Reports XI for document and data file generation and reporting.
- All PDF files are in Adobe Acrobat 7.0 Professional format.
- All ArcGIS files are created using ESRI Version 9.x software.
- Thumbnail images are created at 1/10 original image size for Right-of-Way and Pavement Images.
- FHWA is investigating the rutting methodology and calculated values it currently reports. Equipment limitations and analysis methods may be over reporting, low severity rutting.

### Key to Notes in Tables

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

(2): Shoulder width is measured at route start and every half-mile along the route in the primary direction. Width is the entire width of the drivable shoulder, regardless of the presence or absence of pavement, from the fog line to the shoulder hinge point, or if no fog line exists, from the edge of pavement to the hinge point. Identification of shoulder hinge point can be problematic using video analysis. Some paved ditches may be mistakenly recorded as shoulders where the shoulder hinge point and change in slope are not easily distinguished from the video.

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

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

(5): Condition assessments on concrete (PCC) pavements are not conducted for Alligator Cracking, Transverse or Longitudinal Cracking, Patching, or Rutting. Perfect values for concrete road sections for these indexes are default values and do not represent a condition assessment of the concrete surfaces.

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

Access Database Metadata

MASTER Table Metadata:

	FIELD	FORMAT	EXPECTED VALUE	SOURCE	VALIDATION	EXPECTED ACCURACY
1	RIP_CYCLE	XX	4, for data collection cycle 4	Route ID Meeting	FHWA Determination	100% Referenced to other tables
2	STATE	XX	State where route is located	Route ID Meeting	Park Input / FHWA Determination	100%, Referenced to other tables (1)
3	PARK_ALPHA	XXXX	Park alpha code	Route ID Meeting	NPS References	100%, Referenced to other tables
4	PARK_NO	XXXX	Park numeric code	Route ID Meeting	NPS References	100%, Referenced to other tables
5	RTE_NO	9999XXX	Route number	Route ID Meeting	Park Input / FHWA Classification	100%, Referenced to other tables
6	RTE_NAME	(Text)	Route name	Route ID Meeting	Park Input	100%, Referenced to other tables. 100 characters fit in field
7	FUNCT_CLASS	X	Route functional classification	Route ID Meeting	Park Input / FHWA Classification	100%, Referenced to other tables
8	DIRECTION	XXX	Survey lane: PRI (primary) or OPP (opposite)	Route ID Meeting	Park Input / FHWA Determination	100%,
9	BEG_MP_EST	999.999 (miles)	Estimated starting MP	Route ID Meeting	Park Input / FHWA Determination	Estimated before data collected
10	END_MP_EST	999.999 (miles)	Estimated ending MP	Route ID Meeting	Park Input / FHWA Determination	Estimated before data collected
11	RTE_LENGTH	999.999 (miles)	Collected route length	ARAN Data Collection	Automatic Output	100%
12	FROM_DESC	(Text)	Beginning terminus of route	Route ID Meeting	Park Input / FHWA Determination	100% Referenced to other tables
13	TO_DESC	(Text)	Ending terminus of route	Route ID Meeting	Park Input / FHWA Determination	100% Referenced to other tables
14	NO_LANES	X	Number of lanes in route	ARAN Data Collection	Survey Crew Input	Untested. (1)
15	SURF_TYPE	XX	Surface type of route	ARAN Data Collection	Survey Crew Input	100%, Referenced to other tables (1)
16	COMP_DIR	XX	Compass direction of route's primary lane (nearest cardinal direction)	Route ID Meeting	Park Input / FHWA Determination	Untested
17	COMMENTS	(Text)	Special information, if any	Contractor Post-processing	Contractor Input	Untested
18	FILENAME	(Text)	Filename of raw data files	ARAN Data Collection	Automatic Output	100%
19	SECTION	(Text)	Route section ID	Route ID Meeting/ARAN Data Collection	Survey Crew Input/Automatic Output	100%

20	FKEY	9999999	Unique record ID	Contractor Post-processing	Database Processing	100%
21	DATE	MM/DD/YY	Data collection date	ARAN Data Collection	Automatic Output	100%
22	BEG_MP	999.999 (miles)	Beginning MP collected	ARAN Data Collection	Automatic Output	100% (3)
23	END_MP	999.999 (miles)	Ending MP collected	ARAN Data Collection	Automatic Output	100% (3)

**PMS\_FEATURE Table Metadata:**

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

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

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

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

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

**PMS\_20, PMS\_MILE, & PMS\_TENTH Tables Metadata:**

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

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

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

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

**ROUTE\_GPS table metadata:**

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

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

**FHWA "Route ID Program" Database**  
**Database Name: ROUTEINFO.mdb**  
**Table Name: ROUTE\_ID**

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

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

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

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

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

Database Name: ROUTEINFO.mdb

Table Name: PARK\_TOTALS

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

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

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

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