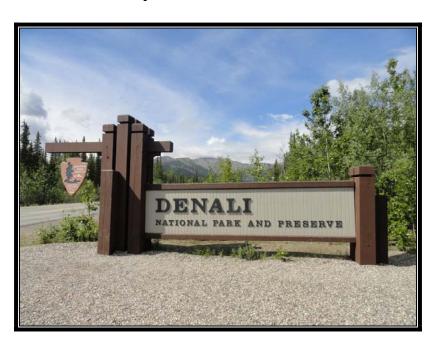


Road Inventory and Condition Assessment



Denali National Park and Preserve DENA - 9830

Cycle 5 Report

Prepared By: Federal Highway Administration

Road Inventory Program (RIP)

Data Collected: 07/2010 Report Date: 05/2012

Denali National Park and Preserve in Alaska

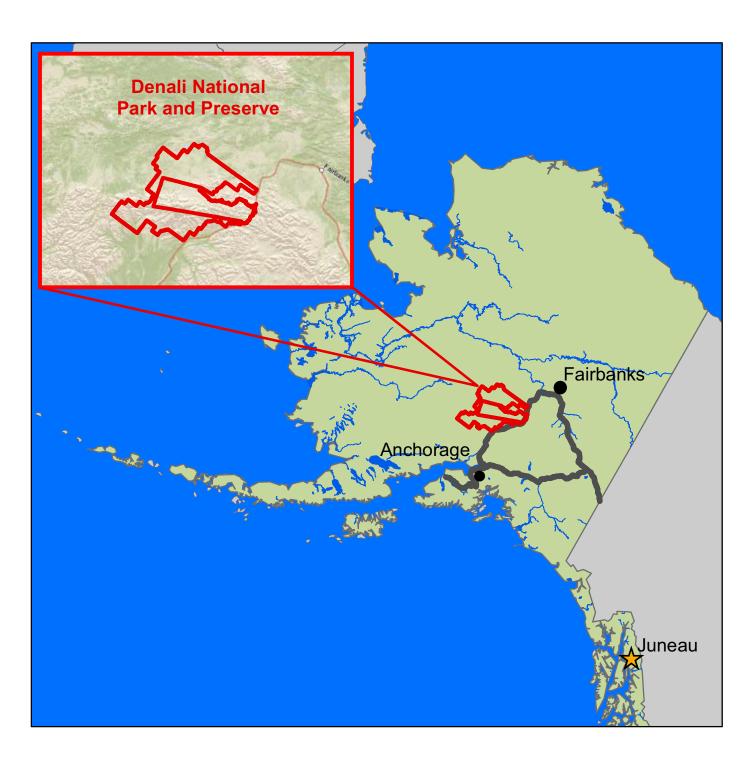




TABLE OF CONTENTS

	SECTION	PAGE
1.	INTRODUCTION	1 - 1
2.	PARK ROUTE INVENTORY	
	Route IDs, Subcomponents & Changes Report (As Applicable)	2 – 1
3.	PARK SUMMARY INFORMATION	
	Paved Route Miles and Percentages by Functional Class and PCR	3 - 1
	DCV Road Condition Summary	3 - 3
	Parkwide DCV Condition Summary	3 – 6
4.	PARK ROUTE LOCATION MAPS	
	Route Location Key Map	4 - 1
	Route Location Area Map	4 - 2
	Route Condition Key Map – PCR Mile by Mile	4 - 6
	Route Condition Area Map – PCR Mile by Mile	4 – 7
5.	PAVED ROUTE CONDITION RATING SHEETS	
	CRS Pages	5 – 1
6.	MANUALLY RATED PAVED ROUTE CONDITION RATING SHEETS	
	MRR Pages	6 – 1
7.	PARKING AREA CONDITION RATING SHEETS	
	Paved Parking Area Pages	7 – 1
8.	PARKWIDE / ROUTE MAINTENANCE FEATURES SUMMARIES	
	Parkwide Maintenance Features Summary	8 - 1
	DCV Route Maintenance Features Summary	8 - 2
	Structure List	8 - 5
9.	ROUTE MAINTENANCE FEATURES ROAD LOGS	
	Route Maintenance Features Road Logs	9 – 1
10.	APPENDIX	
	Explanation of Changes to the RIP Index Equations and Determination of PCR	10 - 1
	Explanation of the Excellent, Good, Fair and Poor Condition Descriptions	10 - 2
	Description of Rating System	10 - 3
	Surface Distresses	10 - 5
	Index Formulas	10 - 12
	Data Collection Vehicle Subsystems	10 - 16
	Geodatabase – Background and Metadata	10 - 19
	Glossary of Terms and Abbreviations	10 - 20

Section 1 Introduction



Denali National Park and Preserve



INTRODUCTION

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

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

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

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

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

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

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

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

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

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

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

Respectfully,

FHWA RIP Team

FHWA/Eastern Federal Lands 21400 Ridgetop Circle Sterling, VA 20166 (703) 404-6371 FHWA/Central Federal Lands 12300 West Dakota Ave Lakewood, CO 80228 (720) 963-3560

Section 2 Park Route Inventory



Denali National Park and Preserve



Road Inventory Program 05/02/2012 (Numerical By Route #) Page 1 of 12

Shading Color Key: Red text denotes approx. mileage

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

Green = All Unpaved Parking Areas

Grey = Paved Routes, DCV not Driven

Black = State, Local or Private non-NPS Routes

= Concession Route Flag ON

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

** DCV - Data Collection Vehicle

NC - Not Collected

DENA

Rte. No.	Cycle Collected	FMSS No.	Concess	Route Name	Route De From	escription To	Maint. District	Paved Miles	Un- Paved Miles	Total Route Length	Func. Class	Manual Rated SQ/FT	Surf. Type	Area Maps
0010EZZ	5	20052		DENALI PARK ROADS - EAST	FROM ROUTE 5000 (GEORGE PARK HIGHWAY)	TO MILE MARKER 39.0 AND START OF ROUTE 0010W (DENALI PARK ROAD - WEST)	EAST	14.97	24.11	39.08	1	3,732	AS	2,3,4
0010W	5	20051		DENALI PARK ROAD - WEST	FROM MILE MARKER 39 AND END OF ROUTE 0010EZZ (DENALI PARK ROADS - EAST)	TO KANTISHNA AIRSTRIP (END)	WEST	0.00	53.58	53.58	1	0	GR	1,2
0100	5	22435		RILEY CREEK CAMPGROUND ACCESS ROAD	FROM ROUTE 0222 (MERCANTILE ACCESS ROAD)	TO ROUTE 0916A (RILEY CREEK OVERFLOW PARKING)	EAST	0.22	0.00	0.22	2	0	AS	4
0103	NC	39571		WONDER LAKE CAMPGROUND ACCESS ROAD	FROM ROUTE 0010W (DENALI PARK ROAD - WEST) AT MP 84.257	THROUGH CAMPGROUND	WEST	0.00	1.57	1.57	3	0	GR	
0200A	5	100035		RILEY CREEK CAMPGROUND LOOP 1	FROM ROUTE 0100 (RILEY CREEK CAMPGROUND ACCESS ROAD)	TO END OF LOOP	EAST	0.55	0.00	0.55	3	0	AS	4
0200B	5	39572		RILEY CREEK CAMPGROUND LOOP 2	FROM ROUTE 0100 (RILEY CREEK CAMPGROUND ACCESS ROAD)	TO END OF LOOP	EAST	0.52	0.00	0.52	3	0	AS	4
0200C	NC	100038		RILEY CREEK CAMPGROUND LOOP 3	FROM ROUTE 0100 (RILEY CREEK CAMPGROUND ACCESS ROAD)	TO END OF LOOP	EAST	0.00	0.52	0.52	3	0	GR	
0201	5	39573		WILDERNESS ACCESS CENTER ACCESS ROAD	FROM ROUTE 0010EZZ (DENALI PARK ROADS - EAST) AT MP 0.75	TO ROUTE 0900ZZ (WILDERNESS ACCESS CENTER LOWER PARKING AREAS)	EAST	0.29	0.00	0.29	1	0	AS	4
0203	5	39575		HEADQUARTERS ACCESS ROAD	FROM ROUTE 0010EZZ (DENALI PARK ROADS - EAST) MP 3.32	TO END AT DOG SLED AREA ON RIGHT	EAST	0.12	0.08	0.20	5	0	AS	4
0204	NC	39577		SAVAGE RIVER CAMPGROUND ACCESS ROAD	FROM ROUTE 0010EZZ (DENALI PARK ROADS - EAST) AT MP 12.9	THROUGH CAMPGROUND	EAST	0.00	0.30	0.30	3	0	GR	
0205	NC	39578		SANCTUARY CAMPGROUND ACCESS ROAD	FROM ROUTE 0010EZZ (DENALI PARK ROADS - EAST) AT MP 22.4	THROUGH CAMPGROUND	EAST	0.00	0.10	0.10	3	0	GR	
0206	NC	39579		TEKLANIKA CAMPGROUND ACCESS ROAD	FROM ROUTE 0010EZZ (DENALI PARK ROADS - EAST) AT MP 28.75	THROUGH CAMPGROUND	EAST	0.00	0.16	0.16	3	0	GR	

Road Inventory Program 05/02/2012

(Numerical By Route #)

Shading Color Key:

Red text denotes approx. mileage

Grey = Paved Routes, DCV not Driven

White = Paved Routes, DCV Driven

Yellow = Unpaved Routes, DCV not Driven

Black = State, Local or Private non-NPS Routes

Tellow = Unpaved Parking Areas

Green = All Unpaved Parking Areas

Green = All Unpaved Parking Areas

= Concession Route Flag ON

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

** DCV - Data Collection Vehicle NC - Not Collected

DENA

DENALI NATIONAL PARK AND PRESERVE

Rte. No.	Cycle Collected	FMSS No.	Concess	Route Name	Route De From	scription To	Maint. District	Paved Miles	Un- Paved Miles	Total Route Length	Func. Class	Manual Rated SQ/FT	Surf. Type	Area Maps
0207	NC	39581		IGLOO CAMPGROUND LOOP	FROM ROUTE 0010EZZ (DENALI PARK ROADS - EAST) AT MP 33.7	TO END OF LOOP	EAST	0.00	0.11	0.11	3	0	GR	
0208	NC	39582		WONDER LAKE CAMPGROUND LOOPS	FROM ROUTE 0103 (WONDER LAKE CAMPGROUND ACCESS ROAD)	THROUGH CAMPGROUND	WEST	0.00	0.24	0.24	3	0	GR	
0209A	NC	39583		SAVAGE RIVER CAMPGROUND LOOP A	FROM ROUTE 0204 (SAVAGE RIVER CAMPGROUND ACCESS ROAD)	TO END OF LOOP	EAST	0.00	0.24	0.24	3	0	GR	
0209B	NC	100039		SAVAGE RIVER CAMPGROUND LOOP B	FROM ROUTE 0204 (SAVAGE RIVER CAMPGROUND ACCESS ROAD)	TO END OF LOOP	EAST	0.00	0.27	0.27	3	0	GR	
0210A	NC	39584		TEKLANIKA CAMPGROUND LOOP ROADS	FROM ROUTE 0206 (TEKLANIKA CAMPGROUND ACCESS ROAD)	THROUGH CAMPGROUND	EAST	0.00	0.21	0.21	3	0	GR	
0211	NC	39585		SANCTUARY CAMPGROUND SPUR	FROM ROUTE 0205 (SANCTUARY CAMPGROUND ACCESS ROAD)	TO END	EAST	0.00	0.07	0.07	3	0	GR	
0222	5	99195		MERCANTILE ACCESS ROAD	FROM ROUTE 0010EZZ (DENALI PARK ROADS - EAST) AT MP 0.4 ON LEFT	TO ROUTE 0010EZZ (DENALI PARK ROADS - EAST)	EAST	0.41	0.00	0.41	3	0	AS	4
0223ZZ	5	99222		DEPOT ACCESS ROADS	FROM ROUTE 0010EZZ (DENALI PARK ROADS - EAST)	THROUGH DEPOT	EAST	0.51	0.00	0.51	3	0	AS	4
0224	5	113052		MOUNTAIN VISTA LOOP ROAD	FROM ROUTE 0010EZZ (DENALI PARK ROADS - EAST) AT MP 12.67	TO END OF LOOP	EAST	0.28	0.00	0.28	3	0	AS	3
0300	NC	39588		WONDER LAKE SHUTTLE SERVICE ROAD	FROM ROUTE 0103 (WONDER LAKE CAMPGROUND ACCESS ROAD)	TO END OF LOOP	WEST	0.00	0.42	0.42	3	0	GR	
0400	NC	39589		DUMP PIT ROAD	FROM APPROXIMATELY MP 234 ON HIGHWAY 3	TO END	EAST	0.00	0.20	0.20	6	0	GR	
0401	NC	39590		FRONTCOUNTRY SEWAGE LAGOON ROAD	FROM ROUTE 0010EZZ (DENALI PARK ROADS - EAST) AT MP 0.22	TO ROUTE 0925 (FRONTCOUNTRY SEWAGE LAGOON PARKING)	EAST	0.00	0.16	0.16	6	9,820	GR	

Page 2 of 12

Road Inventory Program 05/02/2012

(Numerical By Route #)

Shading Color Key:

Red text denotes approx. mileage

White = Paved Routes, DCV Driven

Grey = Paved Routes, DCV not Driven

Black = State, Local or Private non-NPS Routes

Blue = All Paved Parking Areas

= Concession Route Flag ON

Green = All Unpaved Parking Areas

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

** DCV - Data Collection Vehicle NC - Not Collected

DENA

DENALI NATIONAL PARK AND PRESERVE

Rte. No.	Cycle Collected	FMSS No.	Concess Route	Route Name	Route De From	scription To	Maint. District	Paved Miles	Un- Paved Miles	Total Route Length	Func. Class	Manual Rated SQ/FT	Surf. Type	Area Maps
0402	NC	39591		AIRSTRIP ACCESS ROAD	FROM ROUTE 0010EZZ (DENALI PARK ROADS - EAST) AT MP 1.13	TO END	EAST	0.00	0.45	0.45	3	0	GR	
0404	5	39595		FRONT COUNTRY WATER SUPPLY ROAD	FROM ROUTE 0010EZZ (DENALI PARK ROADS - EAST) AT MP 1.53	TO PUMPHOUSE AT END	EAST	0.14	0.64	0.78	5	0	AS	4
0405	5	39603		C CAMP RESIDENCE AND MAINTENANCE ROAD	FROM ROUTE 0010EZZ (DENALI PARK ROADS - EAST)	TO ROUTE 0936 (B AND U PAD PARKING)	EAST	0.19	0.00	0.19	5	0	AS	4
0406	NC	39756		ROCK CREEK PUMP HOUSE ROAD	FROM ROUTE 0010EZZ (DENALI PARK ROADS - EAST) AT MP 3.3	TO END	EAST	0.00	0.24	0.24	6	0	GR	
0407ZZ	5	39760		HEADQUARTERS HOUSING AREA ROADS	FROM ROUTE 0010EZZ (DENALI PARK ROADS - EAST)	THROUGH HEADQUARTERS AREA	EAST	0.49	0.00	0.49	3	0	AS	4
0408	5	39767		HEADQUARTERS ADMINISTRATION ACCESS ROAD	FROM ROUTE 0010EZZ (DENALI PARK ROADS - EAST) AT MP 3.60	TO ROUTE 0203 (HEADQUARTERS ACCESS ROAD)	EAST	0.20	0.00	0.20	3	0	AS	4
0409	NC	39769		DOG KENNELS ACCESS ROAD	FROM ROUTE 0203 (HEADQUARTERS ACCESS ROAD)	TO KENNEL	EAST	0.00	0.03	0.03	5	0	GR	
0410	5	39770		ROCK CREEK RESERVOIR ROAD	FROM ROUTE 0010EZZ (DENALI PARK ROADS - EAST) AT MP 3.42	TO ROUTE 0970 (ROCK CREEK RESERVOIR / AIR QUALITY PARKING)	EAST	0.03	0.11	0.14	6	1,626	AS	4
0413	NC	39774		TEKLANIKA PIT SERVICE ROAD	FROM ROUTE 0206 (TEKLANIKA CAMPGROUND ACCESS ROAD)	TO END	EAST	0.00	0.25	0.25	6	0	GR	
0415	NC	39775		EAST FORK CABIN ROAD	FROM ROUTE 0010EZZ (DENALI PARK ROADS - EAST) AT MP 28.3	TO CABIN AT END	WEST	0.00	0.25	0.25	3	0	GR	
0416	NC	39776		TOKLAT MAINTENANCE CAMP ROAD	FROM ROUTE 0010EZZ (DENALI PARK ROADS - EAST) AT MP 53.26	TO ROUTE 0912B (TOKLAT PARKING AREAS B)	WEST	0.00	0.51	0.51	5	0	GR	
0417	NC	39778		WONDER LAKE WATER TANK ROAD	FROM ROUTE 0103 (WONDER LAKE CAMPGROUND ACCESS ROAD)	TO WATER TANK	WEST	0.00	0.79	0.79	6	0	GR	
0418	NC	39779		C CAMP RESIDENCE ROAD	FROM ROUTE 0405 (C CAMP RESIDENCE AND MAINTENANCE ROAD)	TO END	EAST	0.00	0.19	0.19	5	0	GR	
]	

Page 3 of 12

Road Inventory Program 05/02/2012

(Numerical By Route #)

Page 4 of 12

Shading Color Key: Red text denotes approx. mileage

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

Green = All Unpaved Parking Areas

Grey = Paved Routes, DCV not Driven

Black = State, Local or Private non-NPS Routes

= Concession Route Flag ON

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

** DCV - Data Collection Vehicle

NC - Not Collected

DENA

Rte. No.	Cycle Collected	FMSS No.	Concess	Route Name	Route De From	scription To	Maint. District	Paved Miles	Un- Paved Miles	Total Route Length	Func. Class	Manual Rated SQ/FT	Surf. Type	Area Maps
0419	NC	39780		TOKLAT CAMP RESIDENCE ROAD	FROM ROUTE 0416 (TOKLAT MAINTENANCE CAMP ROAD)	TO END OF LOOPS	WEST	0.00	0.35	0.35	5	0	GR	
0423	5	99223		MERCANTILE SERVICE ROAD	FROM ROUTE 0222 (MERCANTILE ACCESS ROAD) AT MP 0.15	TO ROUTE 0222 (MERCANTILE ACCESS ROAD) AT MP 0.34	EAST	0.14	0.00	0.14	5	0	AS	4
0424	NC	109885		FRIDAY CREEK CAMP ROAD	FROM ROUTE 0010W (DENALI PARK ROAD - WEST)	TO FRIDAY CAMP	WEST	0.00	0.10	0.10	6	0	GR	
0425	NC	229106		KANTISHNA SKYLINE DRIVE	FROM ROUTE 0010W (DENALI PARK ROAD - WEST)	TO WICKERSHAM DOME	WEST	0.00	0.00	0.00	6	0	NV	
0426	5	98449		CONCESSIONS SUGARLOAF HALL ACCESS ROAD	FROM ROUTE 0404 (FRONTCOUNTRY WATER SUPPLY ROAD)	TO SUGARLOAF DINING HALL	EAST	0.00	0.00	0.00	6	8,962	AS	4
0427	5	98414		DENALI VISITOR CENTER CONCESSIONS GROUNDS ACCESS ROAD	FROM ROUTE 0223ZZ (DEPOT ACCESS ROADS)	TO END	EAST	0.00	0.00	0.00	6	6,057	AS	4
0900ZZ	5	39788		WILDERNESS ACCESS CENTER PARKING AREAS	FROM ROUTE 0201 (WILDERNESS ACCESS CENTER ACCESS ROAD)	TO PARKING AREAS	EAST	0.00	0.00	0.00		184,417	AS	4
0901ZZ	5	100043		WILDERNESS ACCESS CENTER UPPER PARKING AREAS	FROM ROUTE 0201 (WILDERNESS ACCESS CENTER ACCESS ROAD) AT MP 0.12	TO PARKING AREAS	EAST	0.00	0.00	0.00		26,144	AS	4
0903	5	39797		ENTRANCE AREA PARKING	FROM ROUTE 0010EZZ (DENALI PARK ROADS - EAST) AT MP 0.04	TO ROUTE 0010EZZ (DENALI PARK ROADS - EAST)	EAST	0.00	0.00	0.00		11,709	AS	4
0905ZZ	5	39800		HEADQUARTERS PARKING AREAS	ADJACENT TO ROUTE 0203 (HEADQUARTERS ACCESS ROAD) AND ROUTE 0408 (HEADQUARTERS ADMINISTRATION ACCESS ROAD)		EAST	0.00	0.00	0.00		24,770	AS	4
0906	5	39801		SAVAGE RIVER EAST PARKING	FROM ROUTE 0010EZZ (DENALI PARK ROADS - EAST) AT MP 14.7 AT SAVAGE RIVER	TO PARKING	EAST	0.00	0.00	0.00		23,337	AS	3

Road Inventory Program 05/02/2012

(Numerical By Route #)

Green = All Unpaved Parking Areas

Shading Color Key: Red text denotes approx. mileage

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

Page 5 of 12

Grey = Paved Routes, DCV not Driven

Black = State, Local or Private non-NPS Routes

= Concession Route Flag ON

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

** DCV - Data Collection Vehicle

NC - Not Collected

DENA

Rte. No.	Cycle Collected	FMSS No.	Concess Route	Route Name	Route De From	scription To	Maint. District	Paved Miles	Un- Paved Miles	Total Route Length	Func. Class	Manual Rated SQ/FT	Surf. Type	Area Maps
	ిరి		8 2									30/11		
0907	NC	39802		SAVAGE RIVER WEST PARKING	ADJACENT TO ROUTE 0010EZZ (DENALI PARK ROADS - EAST) AT MP 14.8 AT SAVAGE RIVER		EAST	0.00	0.00	0.00		22,783	GR	
0908A	NC	99228		OLD PRIMROSE PARKING A	ADJACENT TO ROUTE 0010EZZ (DENALI PARK ROADS - EAST) AT MP 17.2		EAST	0.00	0.00	0.00		16,885	GR	
0908B	NC	39803		OLD PRIMROSE PARKING B	ADJACENT TO ROUTE 0010EZZ (DENALI PARK ROADS - EAST) AT MP 17.25		EAST	0.00	0.00	0.00		4,845	GR	
0909	NC	39804		MILE 20 VISTA PULLOUT AND PARKING	ADJACENT TO ROUTE 0010EZZ (DENALI PARK ROADS - EAST) AT MP 19.7		EAST	0.00	0.00	0.00		12,764	GR	
0910	5	39805		HEADQUARTERS FLAGPOLE SHUTTLE STOP PARKING	FROM ROUTE 0010EZZ (DENALI PARK ROADS - EAST) AT MP 3.41	TO ROUTE 0203 (HEADQUARTERS ACCESS ROAD)	EAST	0.00	0.00	0.00		7,501	AS	4
0911	NC	39806		TEKLANIKA REST STOP PARKING	ADJACENT TO ROUTE 0010EZZ (DENALI PARK ROADS - EAST) AT MP 30.3		EAST	0.00	0.00	0.00		38,717	GR	
0912	NC	100047		TOKLAT PARKING AREAS	ADJACENT TO ROUTE 0416 (TOKLAT MAINTENANCE CAMP ROAD)		WEST	0.00	0.00	0.00		31,684	GR	
0913	NC	38021		STONEY OVERLOOK VISTA PARKING	ADJACENT TO ROUTE 0010W (DENALI PARK ROAD - WEST) AT MP 62.0		WEST	0.00	0.00	0.00		13,136	GR	
0914	NC	94869		EIELSON VISITOR CENTER PARKING	ADJACENT TO ROUTE 0010W (DENALI PARK ROAD - WEST) AT MP 65.9		WEST	0.00	0.00	0.00		25,663	GR	
0916A	5	39810		RILEY CREEK OVERFLOW PARKING	FROM END OF ROUTE 0100 (RILEY CREEK CAMPGROUND ACCESS ROAD)	TO ROUTE 0916B (RILEY CREEK OVERFLOW PARKING)	EAST	0.00	0.00	0.00		5,036	AS	4
0916B	NC	39809		RILEY CREEK OVERFLOW PARKING (UNPAVED)	FROM ROUTE 0916A (RILEY CREEK OVERFLOW PARKING)	TO PARKING	EAST	0.00	0.00	0.00		55,683	GR	

Road Inventory Program 05/02/2012

(Numerical By Route #)

Page 6 of 12

Shading Color Key: Red text denotes approx. mileage

White = Paved Routes, DCV Driven Yellow = Unpaved Routes, DCV not Driven

Blue = All Paved Parking Areas

Green = All Unpaved Parking Areas

Grey = Paved Routes, DCV not Driven

Black = State, Local or Private non-NPS Routes

= Concession Route Flag ON

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

** DCV - Data Collection Vehicle

NC - Not Collected

DENA

Rte. No.	Cycle Collected	FMSS No.	Concess Route	Route Name	Route De From	scription To	Maint. District	Paved Miles	Un- Paved Miles	Total Route Length	Func. Class	Manual Rated SQ/FT	Surf. Type	Area Maps
0919	NC	39812		BUS MAINTENANCE EAST PARKING LOT	ADJACENT TO ROUTE 0404 (FRONTCOUNTRY WATER SUPPLY ROAD) AND ROUTE 0920 (BUS MAINTENANCE WEST PARKING LOT)		EAST	0.00	0.00	0.00		26,766	GR	
0920	5	39813		BUS MAINTENANCE WEST PARKING LOT	FROM ROUTE 0404 (FRONTCOUNTRY WATER SUPPLY ROAD)	TO ROUTE 0426 (CONCESSIONS SUGARLOAF HALL ACCESS ROAD)	EAST	0.00	0.00	0.00		51,181	AS	4
0921	NC	39814		CONCESSIONS EMPLOYEE PARKING LOT	ADJACENT TO ROUTE 0404 (FRONTCOUNTRY WATER SUPPLY ROAD)		EAST	0.00	0.00	0.00		33,912	GR	
0922	NC	39815		CONCESSIONS BUS FLEET PARKING LOT	ADJACENT TO ROUTE 0404 (FRONTCOUNTRY WATER SUPPLY ROAD)		EAST	0.00	0.00	0.00		71,640	GR	
0924	NC	39817		POWER STATION PARKING	ADJACENT TO ROUTE 0404 (FRONTCOUNTRY WATER SUPPLY ROAD)		EAST	0.00	0.00	0.00		2,061	GR	
0925	NC	39818		FRONTCOUNTRY SEWAGE LAGOON PARKING	FROM END OF ROUTE 0401 (FRONTCOUNTRY SEWAGE LAGOON ROAD)	TO PARKING	EAST	0.00	0.00	0.00		16,268	GR	
0926A	5	39819		RILEY CREEK CAMPGROUND RESTROOM PARKING A	ADJACENT TO ROUTE 0200A (RILEY CREEK CAMPGROUND LOOP 1)		EAST	0.00	0.00	0.00		1,771	AS	4
0926B	5	99229		RILEY CREEK CAMPGROUND RESTROOM PARKING B	ADJACENT TO ROUTE 0200A (RILEY CREEK CAMPGROUND LOOP 1)		EAST	0.00	0.00	0.00		1,852	AS	4
0927	5	39820		RILEY CREEK CAMPGROUND ACCESS PARKING	FROM ROUTE 0100 (RILEY CREEK CAMPGROUND ACCESS ROAD)	TO ROUTE 0100 (RILEY CREEK CAMPGROUND ACCESS ROAD)	EAST	0.00	0.00	0.00		1,410	AS	4
0928	5	39816		RILEY CREEK POST OFFICE PARKING	FROM END OF ROUTE 0100 (RILEY CREEK CAMPGROUND ACCESS ROAD) ON LEFT	TO PARKING	EAST	0.00	0.00	0.00		21,014	AS	4
0929A	5	39822		RILEY CREEK SHUTTLE STOP PARKING A	ADJACENT TO ROUTE 0100 (RILEY CREEK CAMPGROUND ACCESS ROAD) ON RIGHT		EAST	0.00	0.00	0.00		620	AS	4

Road Inventory Program 05/02/2012

(Numerical By Route #)

Yellow = Unpaved Routes, DCV not Driven | Blue = All Paved Parking Areas | Green = All Unpaved Parking Areas

Shading Color Key: Red text denotes approx. mileage

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

** DCV - Data Collection Vehicle NC - Not Collected

DENA

DENALI NATIONAL PARK AND PRESERVE

Rte. No.	Cycle Collected	FMSS No.	Concess Route	Route Name	Route Descr From	ription To	Maint. District	Paved Miles	Un- Paved Miles	Total Route Length	Func. Class	Manual Rated SQ/FT	Surf. Type	Area Maps
0929В	5	100048		RILEY CREEK SHUTTLE BUS TURN AROUND	ADJACENT TO ROUTE 0100 (RILEY CREEK CAMPGROUND ACCESS ROAD) ON LEFT		EAST	0.00	0.00	0.00		5,443	AS	4
0930	5	39823		SAVAGE RIVER CAMPGROUND SHUTTLE STOP PARKING	ADJACENT TO ROUTE 0010EZZ (DENALI PARK ROADS - EAST) MP 12.75		EAST	0.00	0.00	0.00		1,571	AS	3
0931	NC	39824		SAVAGE CABIN TRAILHEAD PARKING	ADJACENT TO ROUTE 0010EZZ (DENALI PARK ROADS - EAST) MP 13		EAST	0.00	0.00	0.00		13,012	GR	
0932	5	39825		SAVAGE RIVER VIEWPOINT PARKING	ADJACENT TO ROUTE 0010EZZ (DENALI PARK ROADS - EAST) AT MP 11.75		EAST	0.00	0.00	0.00		4,103	AS	3
0933	5	39826		AUTO SHOP MAINTENANCE PARKING	FROM END OF ROUTE 0405 (C CAMP RESIDENCE AND MAINTENANCE ROAD)	TO PARKING	EAST	0.00	0.00	0.00		38,367	AS	4
0935A	NC	39828		MAINTENANCE FUELING ISLAND	ADJACENT TO ROUTE 0405 (C CAMP RESIDENCE AND MAINTENANCE ROAD)		EAST	0.00	0.00	0.00		2,667	GR	
0935B	NC	100049		MAINTENANCE EQUIPMENT PARKING	ADJACENT TO ROUTE 0405 (C CAMP RESIDENCE AND MAINTENANCE ROAD)		EAST	0.00	0.00	0.00		30,021	GR	
0936	NC	39829		B AND U PAD PARKING	FROM END OF ROUTE 0405 (C CAMP RESIDENCE AND MAINTENANCE ROAD)	TO PARKING	EAST	0.00	0.00	0.00		67,907	GR	
0938	NC	39831		TOKLAT MAINTENANCE CAMP PARKING	ADJACENT TO ROUTE 0416 (TOKLAT MAINTENANCE CAMP ROAD)		WEST	0.00	0.00	0.00		148,429	GR	
0939	NC	39832		FIVE MILE PIT STORAGE AREA	ADJACENT TO ROUTE 0010EZZ (DENALI PARK ROADS - EAST) AT MP 5.6		EAST	0.00	0.00	0.00		77,560	GR	
0940	NC	39833		SEVEN MILE PIT STORAGE AREA	FROM ROUTE 0010EZZ (DENALI PARK ROADS - EAST) AT MP 7.1	TO PARKING	EAST	0.00	0.00	0.00		40,451	GR	
0941	NC	39834		IGLOO PIT	ADJACENT TO ROUTE 0010EZZ (DENALI PARK ROADS - EAST) AT MP 34.04		EAST	0.00	0.00	0.00		22,784	GR	
											ı l		l .	

Page 7 of 12

Road Inventory Program 05/02/2012

(Numerical By Route #)

Yellow = Unpaved Routes, DCV not Driven Blue = All Paved Parking Areas Green = All Unpaved Parking Areas

Shading Color Key: Red text denotes approx. mileage White = Paved Routes, DCV Driven

Yellow = Unpaved Routes, DCV not Driven

Blue = All F

Grey = Paved Routes, DCV not Driven

Black = State, Local or Private non-NPS Routes

= Concession Route Flag ON

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

** DCV - Data Collection Vehicle NC - Not Collected

DENA

DENALI NATIONAL PARK AND PRESERVE

Rte. No.	Cycle Collected	FMSS No.	Concess Route	Route Name	Route Description From To	Maint. District	Paved Miles	Un- Paved Miles	Total Route Length	Func. Class	Manual Rated SQ/FT	Surf. Type	Area Maps
0942	NC	39835		OUTER RANGE PARKING	ADJACENT TO ROUTE 0010EZZ (DENALI PARK ROADS - EAST) AT MP 25.85	EAST	0.00	0.00	0.00		12,976	GR	
0944	NC	39837		TEKLANIKA CAMP HOST PARKING	ADJACENT TO ROUTE 0206 (TEKLANIKA CAMPGROUND ACCESS ROAD)	EAST	0.00	0.00	0.00		2,654	GR	
0945	NC	39838		SOAPBERRY PATCH LOOP PARKING	ADJACENT TO ROUTE 0010W (DENALI PARK ROAD - WEST) AT MP 52.5	WEST	0.00	0.00	0.00		15,500	GR	
0946	NC	39839		MOOSE CREEK PIT PARKING	ADJACENT TO ROUTE 0010W (DENALI PARK ROAD - WEST) AT MP 74.64	WEST	0.00	0.00	0.00		4,800	GR	
0947	NC	39840		HIDEOUT PIT PARKING	ADJACENT TO ROUTE 0010W (DENALI PARK ROAD - WEST) AT MP 77.52	WEST	0.00	0.00	0.00		2,934	GR	
0948	NC	39843		DUCK POND PULLOUT PARKING	ADJACENT TO ROUTE 0010W (DENALI PARK ROAD - WEST) AT MP 79.2	WEST	0.00	0.00	0.00		5,594	GR	
0949	NC	39844		DALLEMOLLEVILLE PARKING	ADJACENT TO ROUTE 0010W (DENALI PARK ROAD - WEST) AT MP 84.6	WEST	0.00	0.00	0.00		6,737	GR	
0950	NC	39845		WONDER LAKE RANGER STATION PARKING	ADJACENT TO ROUTE 0010W (DENALI PARK ROAD - WEST) AT MP 86.5	WEST	0.00	0.00	0.00		8,660	GR	
0951	NC	39848		REFLECTION POND PARKING	ADJACENT TO ROUTE 0010W (DENALI PARK ROAD - WEST) AT MP 85.28	WEST	0.00	0.00	0.00		806	GR	
0953	NC	39850		MCKINLEY BAR TRAILHEAD PARKING	ADJACENT TO ROUTE 0103 (WONDER LAKE CAMPGROUND ACCESS ROAD)	WEST	0.00	0.00	0.00		1,865	GR	
0954	NC	39851		WONDER LAKE SHUTTLE PARKING	ADJACENT TO ROUTE 0300 (WONDER LAKE SHUTTLE SERVICE ROAD)	WEST	0.00	0.00	0.00		3,308	GR	

Page 8 of 12

Road Inventory Program 05/02/2012

(Numerical By Route #)

Green = All Unpaved Parking Areas

Page 9 of 12

Shading Color Key: Red text denotes approx. mileage White = Paved Routes, DCV Driven

Yellow = Unpaved Routes, DCV not Driven

Blue = All Paved Parking Areas

Grey = Paved Routes, DCV not Driven

Black = State, Local or Private non-NPS Routes

= Concession Route Flag ON

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

** DCV - Data Collection Vehicle NC - Not Collected

DENA

Rte. No.	Cycle Collected	FMSS No.	Concess Route	Route Name	Route De From	scription To	Maint. District	Paved Miles	Un- Paved Miles	Total Route Length	Func. Class	Manual Rated SQ/FT	Surf. Type	Area Maps
0955	NC	39853		TEKLANIKA RIVER BRIDGE PARKING	ADJACENT TO ROUTE 0010EZZ (DENALI PARK ROADS - EAST) AT MP 31.3		EAST	0.00	0.00	0.00		1,773	GR	
0957	5	39856		HORSESHOE LAKE TRAILHEAD PARKING	ADJACENT TO ROUTE 0010EZZ (DENALI PARK ROADS - EAST) AT MP 1.2		EAST	0.00	0.00	0.00		5,930	AS	4
0958	NC	39857		FRONTCOUNTRY PUMP HOUSE PARKING	FROM END OF ROUTE 0404 (FRONTCOUNTRY WATER SUPPLY ROAD)	TO PARKING	EAST	0.00	0.00	0.00		5,053	GR	
0959	NC	39859		FRONTCOUNRTY WATER TREATMENT PARKING	ADJACENT TO ROUTE 0404 (FRONTCOUNTRY WATER SUPPLY ROAD)		EAST	0.00	0.00	0.00		0	GR	
0970	NC	39861		ROCK CREEK RESERVOIR / AIR QUALITY PARKING	FROM END OF UNPAVED SECTION OF ROUTE 0410 (ROCK CREEK RESERVOIR ROAD)	TO PARKING	EAST	0.00	0.00	0.00		3,683	GR	
0971ZZ	5	39821		MERCANTILE DUMP STATION AREAS	ADJACENT TO ROUTE 0222 (MERCANTILE ACCESS ROAD) ON LEFT AND RIGHT		EAST	0.00	0.00	0.00		10,777	AS	4
0972	5	39827		MERCANTILE STORE PARKING AREA	FROM ROUTE 0222 (MERCANTILE ACCESS ROAD)	TO ROUTE 0222 (MERCANTILE ACCESS ROAD)	EAST	0.00	0.00	0.00		20,820	AS	4
0973	5	109064		MURIE SCIENCE AND LEARNING CENTER PARKING	FROM ROUTE 0010EZZ (DENALI PARK ROADS - EAST)	TO ROUTE 0404 (FRONTCOUNTRY WATER SUPPLY ROAD)	EAST	0.00	0.00	0.00		10,486	AS	4
0974	5	109063		DENALI VISITOR CENTER PARKING	FROM ROUTE 0010EZZ (DENALI PARK ROADS - EAST)	TO ROUTE 0010EZZ (DENALI PARK ROADS - EAST) AT MP 1.66 ON LEFT	EAST	0.00	0.00	0.00		178,080	AS	4
0975	NC	109232		TALKEETNA VISITOR CENTER PARKING AREA	FROM B STREET	TO PARKING	EAST	0.00	0.00	0.00		0	GR	
0976	NC	109882		73 MILE LOOP PARKING	ADJACENT TO ROUTE 0010W (DENALI PARK ROAD - WEST)		WEST	0.00	0.00	0.00		0	GR	
0978	NC	109884		BIG TIMBER OVERLOOK PARKING	ADJACENT TO ROUTE 0010W (DENALI PARK ROAD - WEST) AT MP 83		WEST	0.00	0.00	0.00		0	GR	

Road Inventory Program 05/02/2012

(Numerical By Route #)

Shading Color Key: Red text denotes approx. mileage White = Paved Routes, DCV Driven

Yellow = Unpaved Routes, DCV not Driven

Blue = All Paved Parking Areas

Green = All Unpaved Parking Areas

Grey = Paved Routes, DCV not Driven

Black = State, Local or Private non-NPS Routes

= Concession Route Flag ON

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

** DCV - Data Collection Vehicle NC - Not Collected

DENA

DENALI NATIONAL PARK AND PRESERVE

Rte.	cle	FMSS	sss		Route De	escription	Maint.	Paved	Un-	Total	Func.	Manual	Surf.	Area
No.	Cycl	No.	Concess Route	Route Name	From	То	District	Miles	Paved Miles	Route Length	Class	Rated SQ/FT	Туре	Maps
0979	NC	88640		RILEY CREEK CAMPGROUND RESTROOM PARKING BEAR LOOP	ADJACENT TO ROUTE 0200C (RILEY CREEK CAMPGROUND LOOP 3)		EAST	0.00	0.00	0.00		0	GR	
0980	5	113056		MOUNTAIN VISTA LOOP ROAD PARKING	FROM ROUTE 0224 (MOUNTAIN VISTA LOOP ROAD)	TO ROUTE 0224 (MOUNTAIN VISTA LOOP ROAD)	EAST	0.00	0.00	0.00		27,433	AS	3
0981	5			RANGER CACHE PARKING	ADJACENT TO ROUTE 0407ZZ		EAST	0.00	0.00	0.00		1,229	AS	4
5000	5			GEORGE PARK HIGHWAY	FROM SOUTH PARK BOUNDARY AT NENANA RIVER BRIDGE (MP 231)	TO NORTH PARK BOUNDARY AT NENANA RIVER BRIDGE (MP 238)	EAST	6.87	0.00	6.87		0	AS	4

Page 10 of 12

Road Inventory Program 05/02/2012

(Numerical By Route #)

Page 11 of 12

49.97

Shading Color Key: Red text denotes approx. mileage White = Paved Routes, DCV Driven Yellow = Unpaved Routes, DCV not Driven

Blue = All Paved Parking Areas

Green = All Unpaved Parking Areas

***Total Equivalent Lane Miles

Grey = Paved Routes, DCV not Driven

Black = State, Local or Private non-NPS Routes

= C

= Concession Route Flag ON

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

** DCV - Data Collection Vehicle NC - Not Collected

CYCLE 5 SUMMARY	TOTALS FOR D	DENALI NATIONAL PARK AND PRESERVE	
CYCLE 5 ROUTE TOTALS		CYCLE 5 CONCESSION TOTALS	
DCV Driven Route Miles	18.98	Concession Paved Route Miles	0.00
Manually Rated Route Miles	0.09	Concession Unpaved Route Miles	0.00
TOTAL PARK ROUTE MILES COLLECTED IN CYCLE 5	19.07	TOTAL CONCESSION ROUTE MILES	0.00
Manually Rated Routes (SQFT)	16,645	Concession Paved Parking Area SQFT	0
TOTAL UNPAVED PARK ROUTE MILES	86.25	Concession Unpaved Parking Area SQFT	0
		TOTAL CONCESSION PARKING AREA SQFT	0
		Concession Manually Rated Rotes SQFT	0
* CYCLE 5 PARKING AREA TOTAL	ALS	CYCLE 5 WEIGHTED AVERAGE PARK VAI	<u>UES</u>
Paved Parking (SQFT)	665,001	DCV Driven PCR	87
Unpaved Parking (SQFT)	851,981	**Manually Rated Routes PCR	79
TOTAL PARKING (SQFT)	1,516,982	**Parking PCR	79

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

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

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

Road Inventory Program 05/02/2012

Shading Color Key:

Red text denotes

approx. mileage

(Numerical By Route #)

White = Paved Routes, DCV Driven

Yellow = Unpaved Routes, DCV not Driven

Blue = All Paved Parking Areas

Grey = Paved Routes, DCV not Driven

Black = State, Local or Private non-NPS Routes

= Concession Route Flag ON

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

** DCV - Data Collection Vehicle NC - Not Collected

General Park Road Functional Classification Table

- Class 1 Principal Park Road/Rural Parkway (Public Roads) Roads which constitute the main access route, circulatory tour, or thoroughfare for park visitors.

 Route Numbers 1 99. Note: Rural parkways (e.g. Natchez Trace) are numbered 1 9. State Routes Inventoried for Park. Route Numbers 5000-5999
- Class 2 Connector Park Road (Public Roads) Roads which provide access within a park to areas of scenic, scientific, recreational or cultural interest, such as overlooks, camparounds, etc. Route Numbers 100-199.
- <u>Class 3</u> 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.
- <u>Class 5</u> 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.

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

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

Surface Type Abbreviations:

Page 12 of 12

AS - Asphaltic Concrete Pavement

CO - Portland Cement Concrete Pavement

BR - Brick or Pavers Road Bed

CB - Cobble Stone Road Bed

Green = All Unpaved Parking Areas

GR - Gravel Road Bed

SA - Sand Road Bed

NV - Native or Dirt Material Road Bed

OT - Other Materials Road Bed

NPS/RIP Subcomponent Details for DENA

Road Inventory Program 05/02/2012

(Numerical By Subcomponent #)

Page 1 of 3

Shading Color Key: Red text denotes approx. mileage White = Paved Routes, DCV Driven Yellow = Unpaved Routes, DCV not Driven

Blue = All Paved Parking Areas

Green = All Unpaved Parking Areas

Grey = Paved Routes, DCV not Driven

Black = State, Local or Private non-NPS Routes

= Concession Route Flag ON

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

DENA

Asset Entered in FMSS System													
Rte. No.	FMSS No.	Cycle Collected	Route Name	Route Do	escription To	Concess Route	Func. Class	Paved Miles	Un- Paved Miles	Total Route Length	Manual Rated SQ/FT		
0010EZZ	20052	5	DENALI PARK ROADS - EAST	FROM ROUTE 5000 (GEORGE PARK HIGHWAY)	TO MILE MARKER 39.0 AND START OF ROUTE 0010W (DENALI PARK ROAD - WEST)		1	14.97	24.11	39.08	3,732		
0223ZZ	99222	5	DEPOT ACCESS ROADS	FROM ROUTE 0010EZZ (DENALI PARK ROADS - EAST)	THROUGH DEPOT		3	0.51	0.00	0.51	0		
0407ZZ	39760	5	HEADQUARTERS HOUSING AREA ROADS	FROM ROUTE 0010EZZ (DENALI PARK ROADS - EAST)	THROUGH HEADQUARTERS AREA		3	0.49	0.00	0.49	0		
0900ZZ	39788	5	WILDERNESS ACCESS CENTER PARKING AREAS	FROM ROUTE 0201 (WILDERNESS ACCESS CENTER ACCESS ROAD)	TO PARKING AREAS			0.00	0.00	0.00	184,417		
0901ZZ	100043	5	WILDERNESS ACCESS CENTER UPPER PARKING AREAS	FROM ROUTE 0201 (WILDERNESS ACCESS CENTER ACCESS ROAD) AT MP 0.12	TO PARKING AREAS			0.00	0.00	0.00	26,144		
0905ZZ	39800	5	HEADQUARTERS PARKING AREAS	ADJACENT TO ROUTE 0203 (HEADQUARTERS ACCESS ROAD) AND ROUTE 0408 (HEADQUARTERS ADMINISTRATION ACCESS ROAD)				0.00	0.00	0.00	24,770		
0971ZZ	39821	5	MERCANTILE DUMP STATION AREAS	ADJACENT TO ROUTE 0222 (MERCANTILE ACCESS ROAD) ON LEFT AND RIGHT				0.00	0.00	0.00	10,777		

Asset	sset DENA-0010EZZ Subcomponent Breakdown														
Rte. No.	FMSS No.	Cycle Collected	Route Name	Route Description 5			Func. Class	Paved Miles	Un- Paved Miles	Total Route Length	Manual Rated SQ/FT				
0010EOZ	20052	NC	DENALI PARK ROAD - EAST OPPOSITE DIRECTION AT ROUNDABOUT	FROM ROUTE 0010EZ (DENALI PARK ROAD - EAST)	TO ROUTE 0010EZ (DENALI PARK ROAD - EAST)		1	0.06	0.00	0.06	3,732				
0010EZ	20052	5	DENALI PARK ROAD - EAST	FROM ROUTE 5000 (GEORGE PARK HIGHWAY)	TO MILE MARKER 39.0 AND START OF ROUTE 0010W (DENALI PARK ROAD - WEST)		1	14.91	24.11	39.02	0				

NPS/RIP Subcomponent Details for DENA

Road Inventory Program 05/02/2012

(Numerical By Subcomponent #)

= Concession Route Flag ON

Page 2 of 3

Green = All Unpaved Parking Areas

Shading Color Key: Red text denotes approx. mileage White = Paved Routes, DCV Driven Yellow = Unpaved Routes, DCV not Driven

Black = State, Local or Private non-NPS Routes

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

DENA

DENALI NATIONAL PARK AND PRESERVE

Grey = Paved Routes, DCV not Driven

Asset	Asset DENA-0223ZZ Subcomponent Breakdown													
Rte. No.	FMSS No.	Cycle Collected	Route Name	Route Description From To			Func. Class	Paved Miles	Un- Paved Miles	Total Route Length	Manual Rated SQ/FT			
0223AZ	99222	5	DEPOT ACCESS ROAD	FROM ROUTE 0010EOZ (DENALI PARK ROAD - EAST OPPOSITE DIRECTION AT ROUNDABOUT)	TO END OF LOOP		3	0.42	0.00	0.42	0			
0223BZ	99222	5	DEPOT BUS DROP OFF ROAD	FROM ROUTE 0223AZ (DEPOT ACCESS ROAD) AT MP 0.09	TO ROUTE 0223AZ (DEPOT ACCESS ROAD) AT MP 0.165		3	0.09	0.00	0.09	0			

Asset	Asset DENA-0407ZZ Subcomponent Breakdown														
Rte. No.	FMSS No.	Cycle Collected	Route Name	Route D From	Concess Route	Func. Class	Paved Miles	Un- Paved Miles	Total Route Length	Manual Rated SQ/FT					
0407AZ	39760	5	HEADQUARTERS HOUSING AREA ROAD A	FROM ROUTE 0407Z (HEADQUARTERS HOUSING AREA ROAD)	TO ROUTE 0407Z (HEADQUARTERS HOUSING AREA ROAD)		3	0.22	0.00	0.22	0				
0407BZ	39760	5	HEADQUARTERS HOUSING AREA ROAD B	FROM ROUTE 0407AZ (HEADQUARTERS HOUSING AREA ROAD A)	TO END OF PAVEMENT		3	0.06	0.00	0.06	0				
0407Z	39760	5	HEADQUARTERS HOUSING AREA ROAD	FROM ROUTE 0010EZ (DENALI PARK ROAD - EAST)	TO ROUTE 0203 (HEADQUARTERS ACCESS ROAD)		3	0.21	0.00	0.21	0				

Asset	Asset DENA-0900ZZ Subcomponent Breakdown														
Rte. No.	FMSS No.	Cycle Collected	Route Name	Route Description From To			Func. Class	Paved	Un- Paved Miles	Total Route Length	Manual Rated SQ/FT				
NO.		00	Route Name	From	10	Conc	표진	Miles	Miles		3Q/FI				
0900Z	39788	5	WILDERNESS ACCESS CENTER LOWER PARKING	FROM END OF ROUTE 0201 (WILDERNESS ACCESS CENTER ACCESS ROAD)	TO PARKING			0.00	0.00	0.00	123,717				
0901AZ	39788	5	WILDERNESS ACCESS CENTER UPPER PARKING A	FROM ROUTE 0201 (WILDERNESS ACCESS CENTER ACCESS ROAD) AT MP 0.26	TO PARKING			0.00	0.00	0.00	60,700				

NPS/RIP Subcomponent Details for DENA

Road Inventory Program 05/02/2012

(Numerical By Subcomponent #)

Page 3 of 3

Shading Color Key: Red text denotes approx. mileage White = Paved Routes, DCV Driven Yellow = Unpaved Routes, DCV not Driven

Blue = All Paved Parking Areas

Green = All Unpaved Parking Areas

Grey = Paved Routes, DCV not Driven

Black = State, Local or Private non-NPS Routes

= Concession Route Flag ON

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

DENA

Asset	Asset DENA-0901ZZ Subcomponent Breakdown														
Rte. No.	FMSS No.	Cycle Collected	Route Name	Route Description From To			Func. Class	Paved	Un- Paved Miles	Total Route Length	Manual Rated SQ/FT				
NO.		00	Route Name	From	10	Conce	ᄩᄁ	Miles	Miles		3Q/FI				
0901BZ	100043	5	WILDERNESS ACCESS CENTER UPPER PARKING B	FROM ROUTE 0201 (WILDERNESS ACCESS CENTER ACCESS ROAD) AT MP 0.12	TO ROUTE 0201 (WILDERNESS ACCESS CENTER ACCESS ROAD)			0.00	0.00	0.00	6,391				
0901CZ	100043	5	WILDERNESS ACCESS CENTER UPPER PARKING C	FROM ROUTE 0201 (WILDERNESS ACCESS CENTER ACCESS ROAD) AT MP 0.06	TO PARKING			0.00	0.00	0.00	19,753				

Asset	sset DENA-0905ZZ Subcomponent Breakdown														
Rte. No.	FMSS No.	Cycle Collected	Route Name	Route Descripti From	on To	Concess Route	Func. Class	Paved Miles	Un- Paved Miles	Total Route Length	Manual Rated SQ/FT				
0905AZ	39800	5	HEADQUARTERS PARKING A	ADJACENT TO ROUTE 0408 (HEADQUARTERS ADMINISTRATION ACCESS ROAD)				0.00	0.00	0.00	13,509				
0905BZ	39800	5	HEADQUARTERS PARKING B	ADJACENT TO ROUTE 0408 (HEADQUARTERS ADMINISTRATION ACCESS ROAD)				0.00	0.00	0.00	5,309				
0905CZ	39800	5	HEADQUARTERS PARKING C	ADJACENT TO ROUTE 0203 (HEADQUARTERS ACCESS ROAD)				0.00	0.00	0.00	5,952				

Rte.	FMSS	sle lected	-	Route Descrip	ion	ncess	SS.	Paved	Un- Paved	Total Route	Manual Rated
No.	No.	Cycle Collec	Route Name	From	То	Conce Route	Func. Class	Miles	Miles	Length	SQ/FT
0971AZ	39821	5	MERCANTILE DUMP STATION A	ADJACENT TO ROUTE 0222 (MERCANTILE ACCESS ROAD) ON RIGHT				0.00	0.00	0.00	6,014
0971BZ	39821	5	MERCANTILE DUMP STATION B	ADJACENT TO ROUTE 0222 (MERCANTILE ACCESS ROAD) ON LEFT				0.00	0.00	0.00	4,763

ROUTE IDENTIFICATION CHANGES TO PAVED ROUTES FROM PREVIOUS CYCLE - DENA

	ROUTES	S ADDED FROM PREVIOUS IN	VENTORY:
Route #	Route Name	Reason for Addition	Comments
0224	MOUNTAIN VISTA LOOP ROAD	OTHER	ADDED IN C5 ROUTE ID MEETING.
0426	CONCESSIONS SUGARLOAF HALL ACCESS ROAD	OTHER	ADDED TO THE INVENTORY IN CYCLE 5. RECONSTRUCTED AREA SINCE CYCLE 3 COLLECTION.
0427	DENALI VISITOR CENTER CONCESSIONS GROUNDS ACCESS ROAD	OTHER	ADDED TO THE INVENTORY IN CYCLE 5. RECONSTRUCTED AREA SINCE CYCLE 3 COLLECTION.
0973	MURIE SCIENCE AND LEARNING CENTER PARKING	OTHER	ADDED TO THE INVENTORY IN CYCLE 5. RECONSTRUCTED AREA SINCE CYCLE 3 COLLECTION.
0974	DENALI VISITOR CENTER PARKING	OTHER	ADDED TO THE INVENTORY IN CYCLE 5. RECONSTRUCTED AREA SINCE CYCLE 3 COLLECTION.
0980	MOUNTAIN VISTA LOOP ROAD PARKING	OTHER	ADDED TO THE INVENTORY IN CYCLE 5.
0981	RANGER CACHE PARKING	OTHER	ADDED TO THE INVENTORY IN CYCLE 5.
5000	GEORGE PARK HIGHWAY	OTHER	ADDED TO THE INVENTORY IN CYCLE 5.

ROUTE IDENTIFICATION CHANGES TO PAVED ROUTES FROM PREVIOUS CYCLE - DENA

	ROUTES	MODIFIED FROM PREVIOUS II	NVENTORY:
Route #	Route Name	Type of Modification	Comments
0010EZZ	DENALI PARK ROADS - EAST	REALIGNED	MINOR REALIGNMENT SINCE THE CYCLE 3 INVENTORY.
0010W	DENALI PARK ROAD - WEST	REALIGNED	MINOR REALIGNMENT SINCE THE CYCLE 3 INVENTORY.
0100	RILEY CREEK CAMPGROUND ACCESS ROAD	LENGTH CHANGE	ROUTE WAS RE-CONSTRUCTED AND SLIGHTLY RE-ALIGNED.
0404	FRONT COUNTRY WATER SUPPLY ROAD	RECONSTRUCTED	ROUTE WAS UNPAVED IN CYCLE 3, IS PAVED IN CYCLE 5. AREA HAS BEEN RECONSTRUCTED.
0906	SAVAGE RIVER EAST PARKING	SQ FEET CHANGE	MINOR CHANGE TO SHAPE GEOMETRY
0927	RILEY CREEK CAMPGROUND ACCESS PARKING	RECONSTRUCTED	NEW AREA NORTH OF OLD LOCATION. RECONSTRUCTED AREA SINCE CYCLE 3 COLLECTION.
0972	MERCANTILE STORE PARKING AREA	SQ FEET CHANGE	AREA MODIFIED TO INCLUDE SECTION OF ROUTE 0222 THAT WAS EXCLUDED IN CYCLE 3.

ROUTE IDENTIFICATION CHANGES TO PAVED ROUTES FROM PREVIOUS CYCLE - DENA

	OTHER C	CHANGES FROM PREVIOUS IN	IVENTORY:
Route #	Route Name	Type of Change	Comments
0200C	RILEY CREEK CAMPGROUND LOOP 3	SURFACE TYPE CHANGE	UNPAVED ROUTE IN CYCLE 5.
0223ZZ	DEPOT ACCESS ROADS	RECONSTRUCTED	WAS NOT COLLECTED IN CYCLE 3 BECAUSE IT WAS UNDER CONSTRUCTION.
0407ZZ	HEADQUARTERS HOUSING AREA ROADS	ROUTES COMBINED	CYCLE 3 ROUTES 0407A, 0407B AND 0407 WERE COMBINED DURING THE CYCLE 5 MEETING.
0900ZZ	WILDERNESS ACCESS CENTER PARKING AREAS	ROUTES COMBINED	ROUTES 0900 AND 0901A FROM CYCLE 3 WERE COMBINED TO MAKE ROUTE 0900ZZ.
0901ZZ	WILDERNESS ACCESS CENTER UPPER PARKING AREAS	ROUTES COMBINED	ROUTES 0901B AND 0901C FROM CYCLE 3 WERE COMBINED TO MAKE ROUTE 0901ZZ.
0905ZZ	HEADQUARTERS PARKING AREAS	ROUTES COMBINED	ROUTES 0905A,0905B AND 0905C FROM CYCLE 3 WERE COMBINED TO MAKE ROUTE 0905ZZ.
0920	BUS MAINTENANCE WEST PARKING LOT	SURFACE TYPE CHANGE	NEWLY PAVED IN CYCLE 5, WAS UNPAVED IN CYCLE3. RECONSTRUCTED AREA SINCE CYCLE 3 COLLECTION.
	ROUTES	REMOVED FROM PREVIOUS II	NVENTORY:
Route #	Route Name	Reason for Removal	Comments
0904	DEPOT PARKING	OTHER	NOT A PARK ASSET

Section 3 Park Summary Information



Denali National Park and Preserve



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

		P	avement C	Condition R	ating (PCF	₹)			
	Poor (0-60)	Fair (6	1-84)	Good	(85-94)	Excellent	(95-100)	TOTAL
F.C.	MILES	%	MILES	%	MILES	%	MILES	%	MILES
1	1.06	5.58%	5.01	26.40%	6.90	36.35%	2.23	11.75%	15.20
2			0.04	0.21%	0.14	0.74%	0.04	0.21%	0.22
3	0.20	1.05%	0.55	2.90%	0.82	4.32%	1.39	7.32%	2.96
4									
5			0.04	0.21%	0.15	0.79%	0.41	2.16%	0.60
6									
7									
8									
Totals	1.26	6.64%	5.64	29.71%	8.01	42.20%	4.07	21.44%	18.98

Note:

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

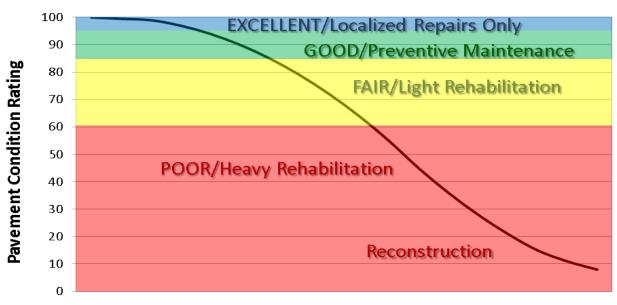
Explanation of the Excellent, Good, Fair and Poor Condition Descriptions

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

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

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

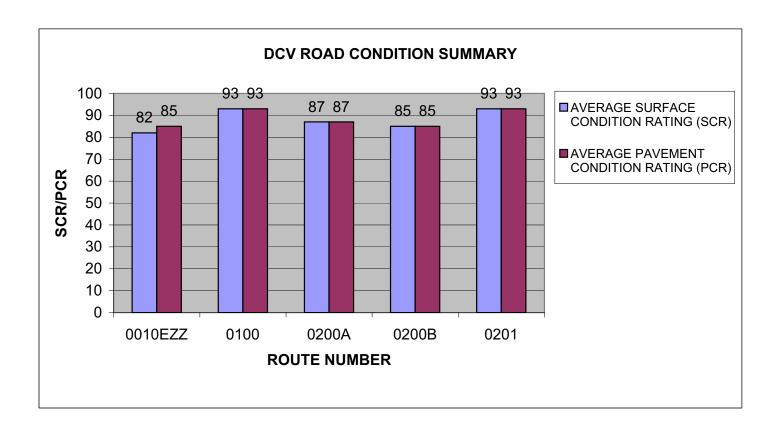
Condition Categories and Treatments



DENA: DCV ROAD CONDITION SUMMARY

DCV - Data Collection Vehicle

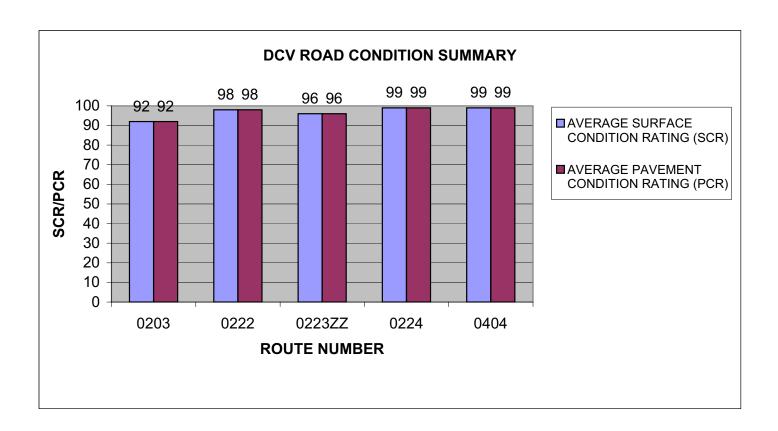
ROUTE		FUNCT	ROUTE	SURFACE	AVERAGE SURFACE CONDITION	AVERAGE PAVEMENT CONDITION
NUMBER	ROUTE NAME	CLASS	LENGTH	TYPE	RATING (SCR)	RATING (PCR)
0010EZZ	DENALI PARK ROADS - EAST	1	39.08	ASPHALT	82	85
0100	RILEY CREEK CAMPGROUND ACCESS ROAD	2	0.22	ASPHALT	93	93
0200A	RILEY CREEK CAMPGROUND LOOP 1	3	0.55	ASPHALT	87	87
0200B	RILEY CREEK CAMPGROUND LOOP 2	3	0.52	ASPHALT	85	85
0201	WILDERNESS ACCESS CENTER ACCESS ROAD	1	0.29	ASPHALT	93	93



DENA: DCV ROAD CONDITION SUMMARY

DCV - Data Collection Vehicle

ROUTE NUMBER	ROUTE NAME		ROUTE LENGTH		AVERAGE SURFACE CONDITION RATING (SCR)	AVERAGE PAVEMENT CONDITION RATING (PCR)
0203	HEADQUARTERS ACCESS ROAD	5	0.20	ASPHALT	92	92
0222	MERCANTILE ACCESS ROAD	3	0.41	ASPHALT	98	98
0223ZZ	DEPOT ACCESS ROADS	3	0.51	ASPHALT	96	96
0224	MOUNTAIN VISTA LOOP ROAD	3	0.28	ASPHALT	99	99
0404	FRONT COUNTRY WATER SUPPLY ROAD	5	0.78	ASPHALT	99	99

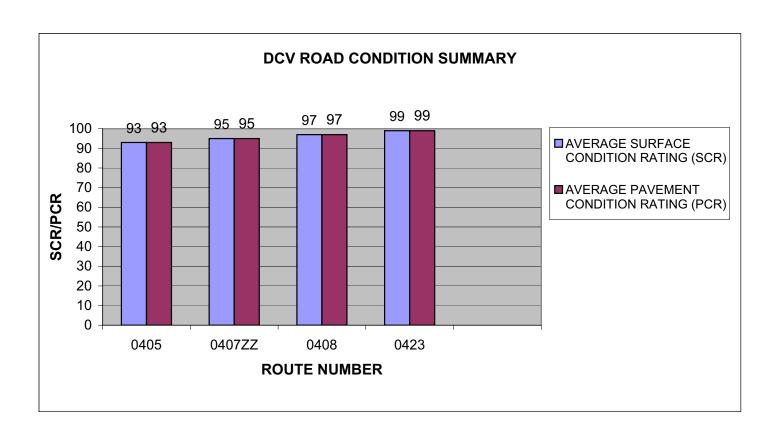


Data Collected 07/2010 3-4

DENA: DCV ROAD CONDITION SUMMARY

DCV - Data Collection Vehicle

					AVERAGE SURFACE	AVERAGE PAVEMENT
ROUTE		FUNCT	ROUTE	SURFACE	CONDITION	CONDITION
NUMBER	ROUTE NAME	CLASS	LENGTH	TYPE	RATING (SCR)	RATING (PCR)
0405	C CAMP RESIDENCE AND MAINTENANCE ROAD	5	0.19	ASPHALT	93	93
0407ZZ	HEADQUARTERS HOUSING AREA ROADS	3	0.49	ASPHALT	95	95
0408	HEADQUARTERS ADMINISTRATION ACCESS ROAD	3	0.20	ASPHALT	97	97
						99



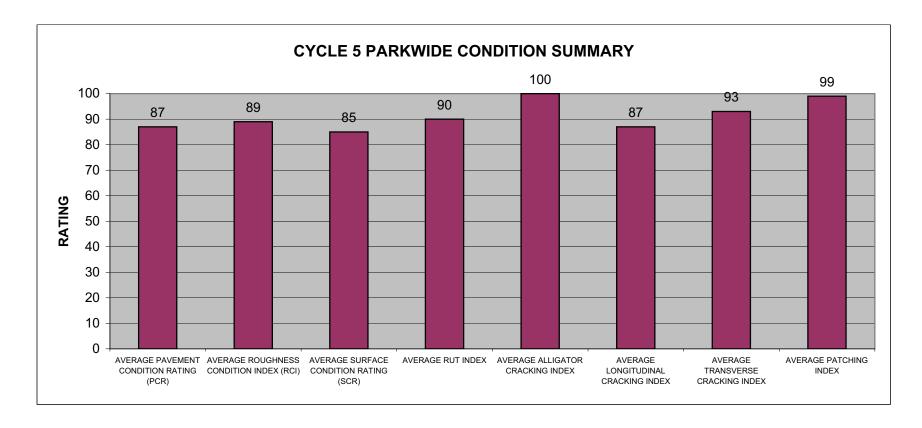
Data Collected 07/2010 3-5

DENA: PARKWIDE DCV CONDITION SUMMARY

AVERAGE	AVERAGE	AVERAGE		AVERAGE	AVERAGE	AVERAGE	
PAVEMENT	ROUGHNESS	SURFACE		ALLIGATOR	LONGITUDINAL	TRANSVERSE	AVERAGE
CONDITION	CONDITION	CONDITION	AVERAGE	CRACKING	CRACKING	CRACKING	PATCHING
RATING (PCR)	INDEX (RCI)	RATING (SCR)	RUT INDEX	INDEX	INDEX	INDEX	INDEX
87	89	85	90	100	87	93	99

All Index values are based on Data Collection Vehicle (DCV) driven roads that were collected in Cycle-5.

Roughness data is only collected on routes with lengths greater than 0.5 miles and a posted speed limit of 25 MPH or greater.



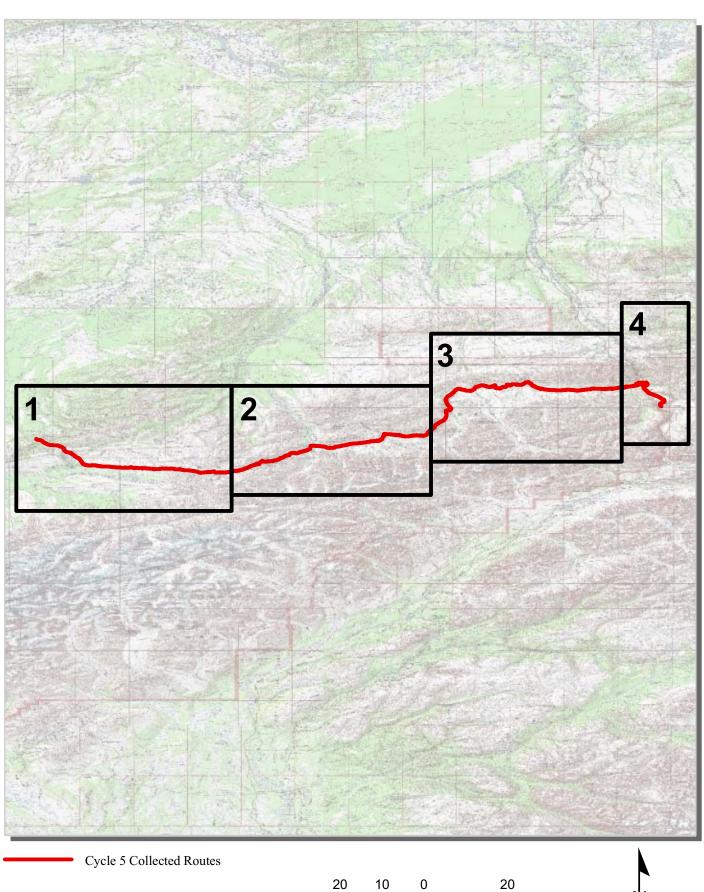
Section 4 Park Route Location Maps



Denali National Park and Preserve



Denali National Park and Preserve Route Location Map Key Map



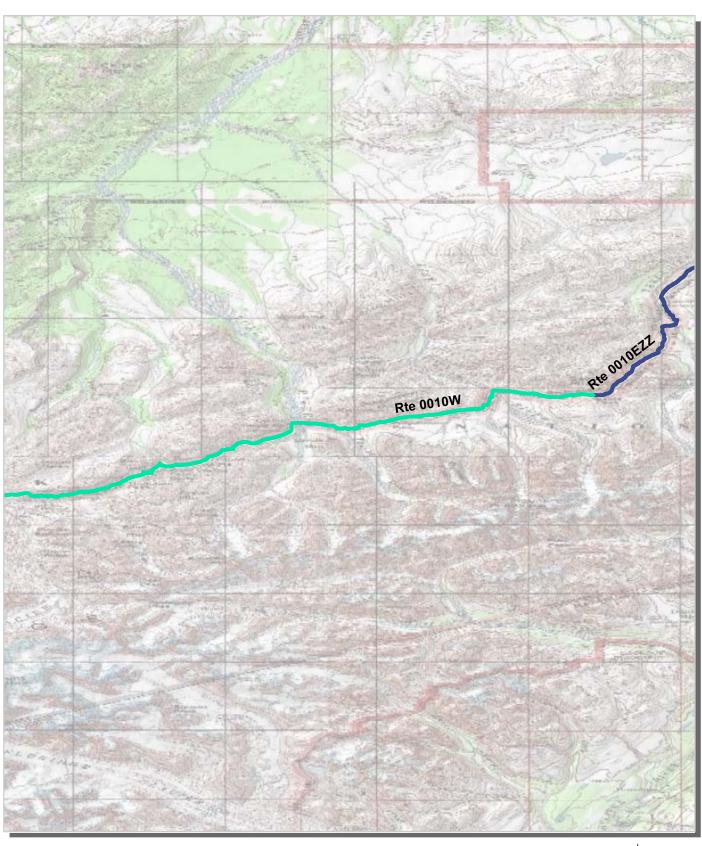
Denali National Park and Preserve Route Location Map Area 1



Unique colors used to differentiate routes



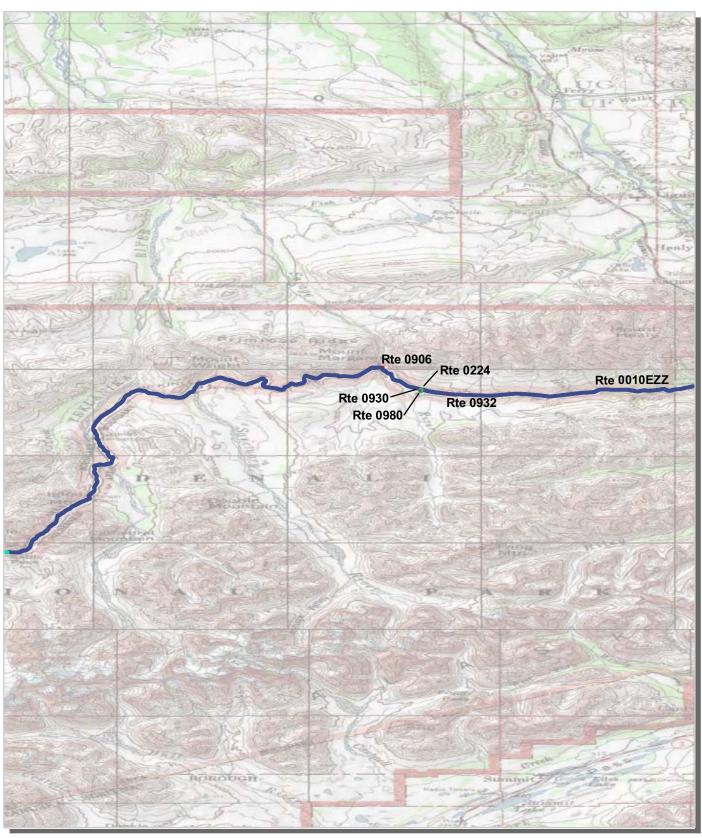
Denali National Park and Preserve Route Location Map Area 2



Unique colors used to differentiate routes

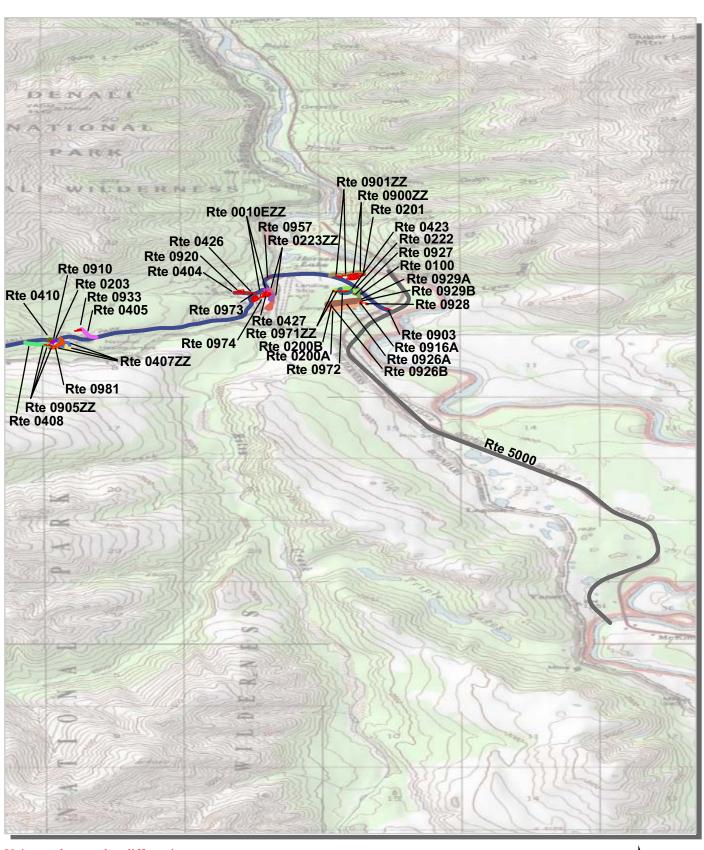


Denali National Park and Preserve Route Location Map Area 3



Unique colors used to differentiate routes

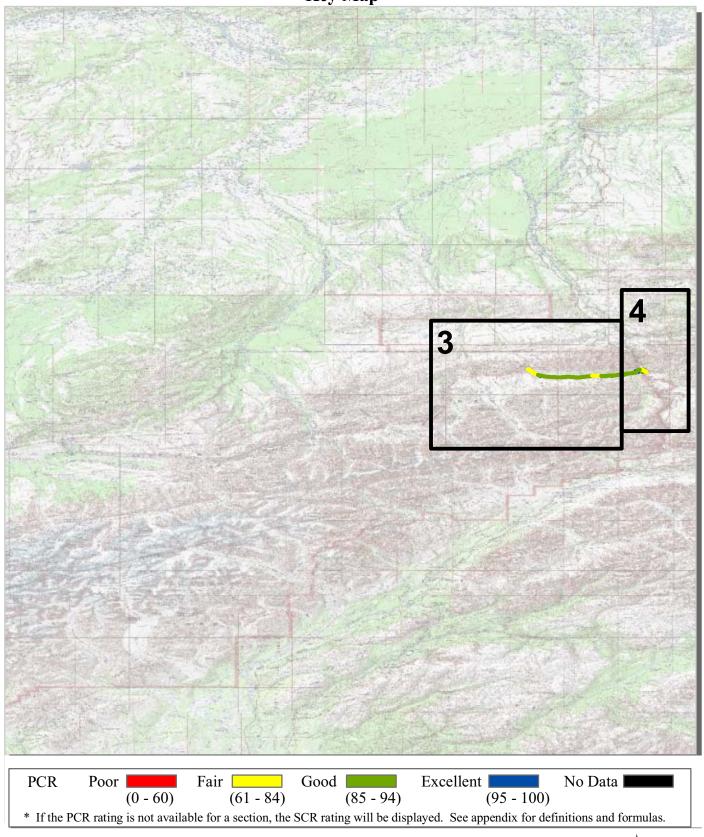
Denali National Park and Preserve Route Location Map Area 4



Unique colors used to differentiate routes

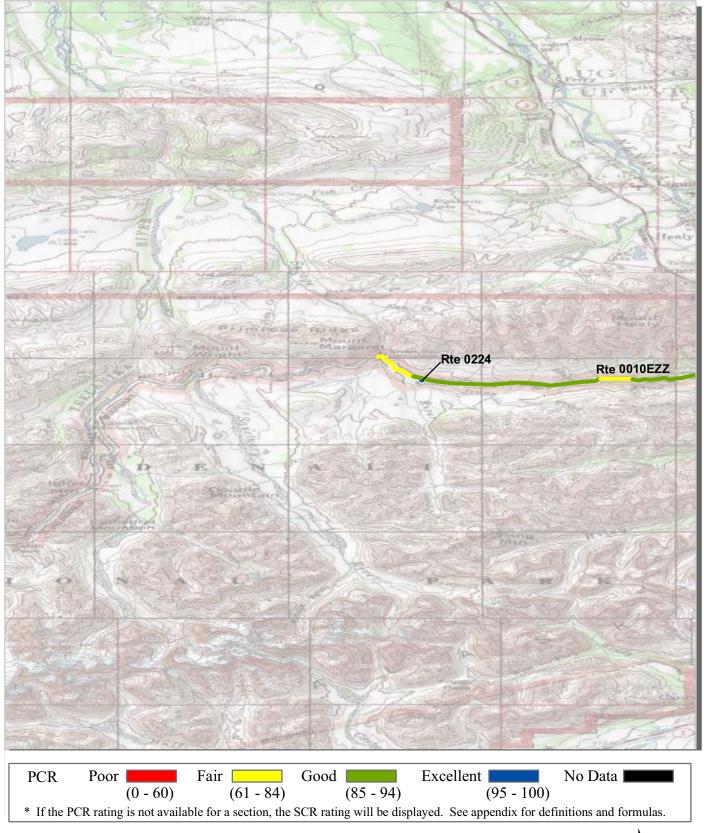


Denali National Park and Preserve Route Condition Map PCR - Mile by Mile Key Map



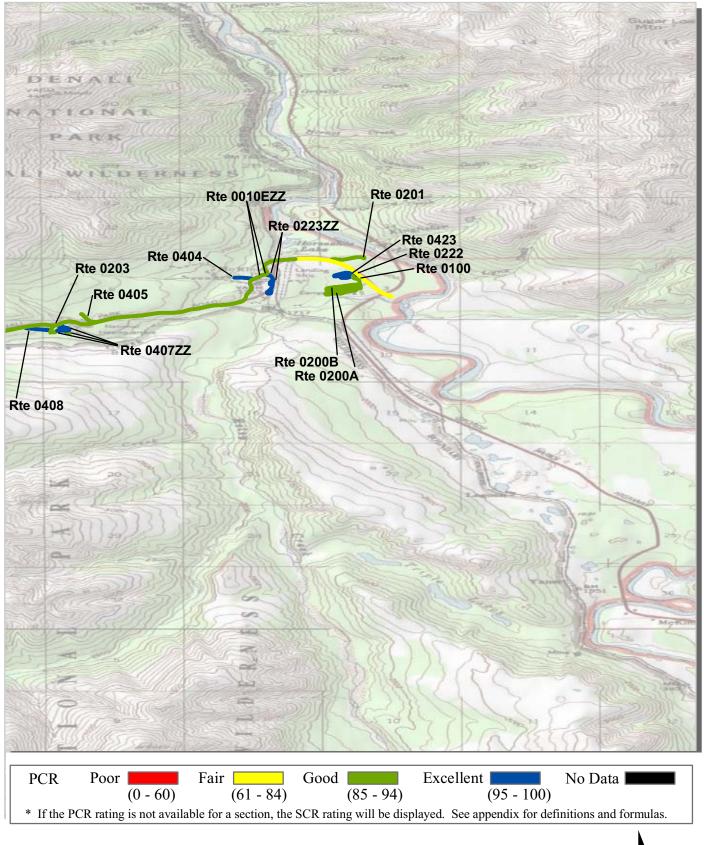
Note: Only routes collected by the DCV in Cycle-5 are displayed.

Denali National Park and Preserve Route Condition Map PCR - Mile by Mile Area 3





Denali National Park and Preserve Route Condition Map PCR - Mile by Mile Area 4

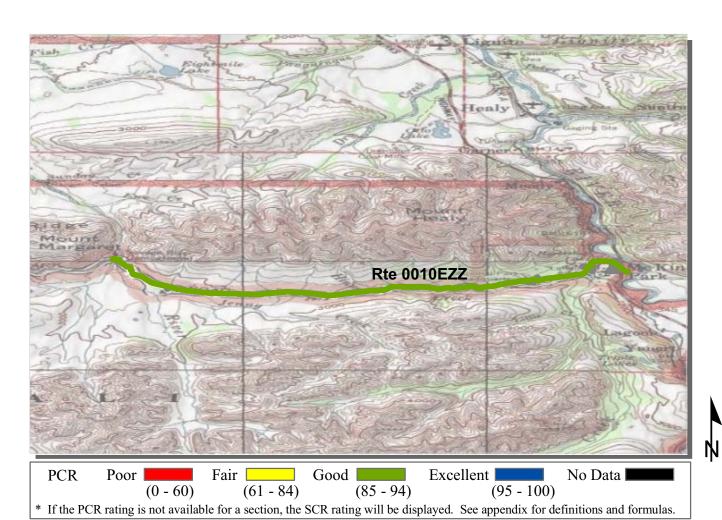


Section 5 Paved Route Condition Rating Sheets



Denali National Park and Preserve

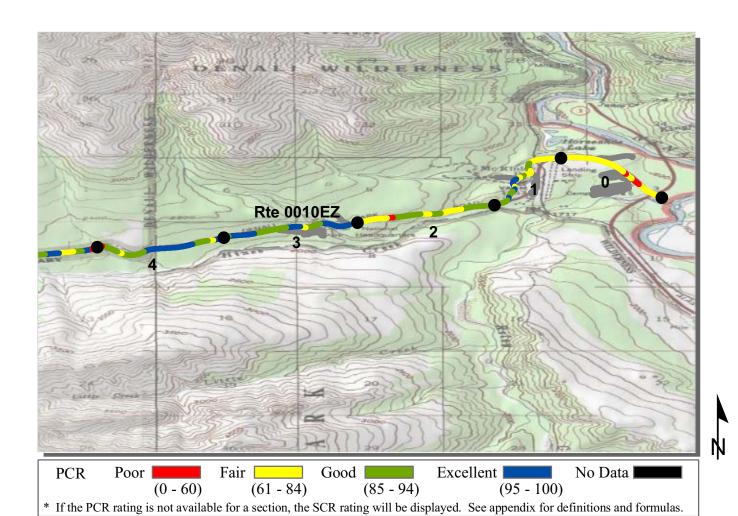




ROUTE: 0010EZZ DENALI PARK ROADS - EAST DENA: DENALI NATIONAL PARK AND PRESERVE

Summary Record COLLECTED: 7/28/2010
ALASKA DECION TOTAL LENGTH: 20.08 Miles

ALASKA REGION		TOT	AL LENGTH:	39.08 Miles
Section Number				
Section Length (mi)				
Cross Section Information				
Number of Lanes	N/A			
Paved Width (ft)	N/A			
Lane Width (ft)	N/A			
Roadway Condition Information				
SCR (Surface Condition Rating)	82			
PCR (Pavement Condition Rating)	85			
Distress Index Values				
Structural Crack Index	N/A			
Transverse Cracking Index	N/A			
Patching Index	N/A			
Rutting Index	N/A			
Roughness Condition Index (RCI)	N/A			



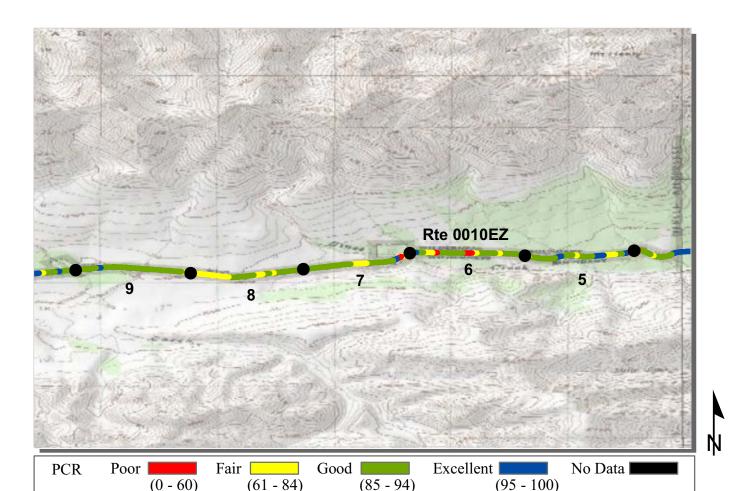
ROUTE: 0010EZ DENALI PARK ROAD - EAST DENA: DENALI NATIONAL PARK AND PRESERVE

ALASKA REGION

Subcomponent Record COLLECTED: 7/28/2010

TOTAL LENGTH: 14.91 Miles

Section Number	0	1	2	3	4
Section Length (mi)	1.00	1.00	1.00	1.00	1.00
Cross Section Information					
Number of Lanes	2	2	2	2	2
Paved Width (ft)	24	24	24	23	24
Lane Width (ft)	12	12	12	11	11
Roadway Condition Information					
SCR (Surface Condition Rating)	69	90	81	93	92
PCR (Pavement Condition Rating)	70	85	86	92	89
Distress Index Values					
Structural Crack Index	71	90	81	93	92
Transverse Cracking Index	69	91	82	95	99
Patching Index	99	100	100	100	100
Rutting Index	93	97	93	98	96
Roughness Condition Index (RCI)	72	78	93	90	85

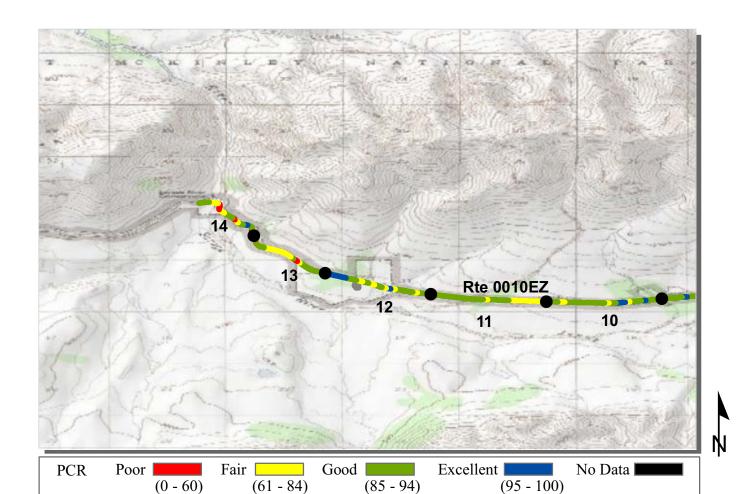


* If the PCR rating is not available for a section, the SCR rating will be displayed. See appendix for definitions and formulas.

ROUTE: 0010EZ DENALI PARK ROAD - EAST

DENA: DENALI NATIONAL PARK AND PRESERVE
Subcomponent Record COLLECTED: 7/28/2010

ALASKA REGION TOTAL LENGTH: 14.91 Miles Section Number Section Length (mi) 1.00 1.00 1.00 1.00 1.00 **Cross Section Information** Number of Lanes 2 22 22 22 22 22 Paved Width (ft) Lane Width (ft) 11 11 11 11 11 Roadway Condition Information 87 77 77 77 84 SCR (Surface Condition Rating) PCR (Pavement Condition Rating) 87 83 86 90 86 Distress Index Values 92 Structural Crack Index 87 77 77 79 97 96 96 98 99 Transverse Cracking Index 99 100 98 100 Patching Index 100 90 86 77 84 **Rutting Index** 88 93 100 100 Roughness Condition Index (RCI) 87 100



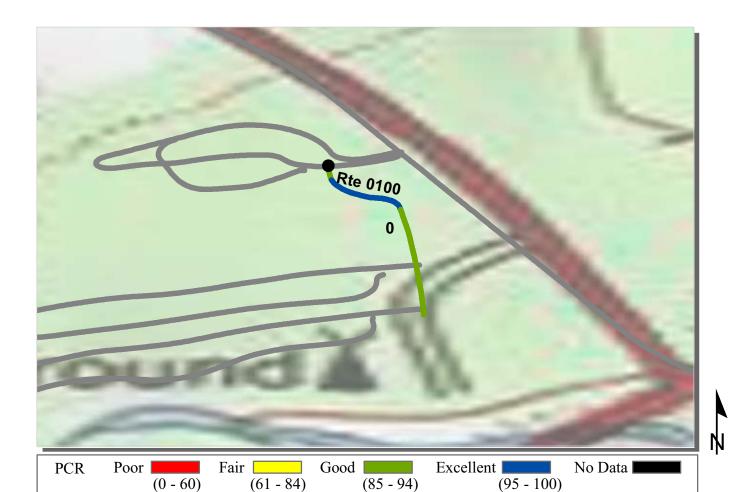
ROUTE: 0010EZ DENALI PARK ROAD - EAST

DENA: DENALI NATIONAL PARK AND PRESERVE

Subcomponent Record COLLECTED: 7/28/2010
ALASKA REGION TOTAL LENGTH: 14.91 Miles

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

ALASKA KEGIUN			10	I AL LENGI	111. 14.91 Wille
Section Number	10	11	12	13	14
Section Length (mi)	1.00	1.00	1.00	1.00	0.91
Cross Section Information					
Number of Lanes	2	2	2	2	2
Paved Width (ft)	22	22	23	23	21
Lane Width (ft)	11	11	11	11	11
Roadway Condition Information					
SCR (Surface Condition Rating)	83	84	83	79	81
PCR (Pavement Condition Rating)	90	89	90	81	73
Distress Index Values					
Structural Crack Index	84	86	83	79	81
Transverse Cracking Index	96	96	94	92	88
Patching Index	100	100	99	96	100
Rutting Index	83	84	93	85	87
Roughness Condition Index (RCI)	100	96	100	84	61



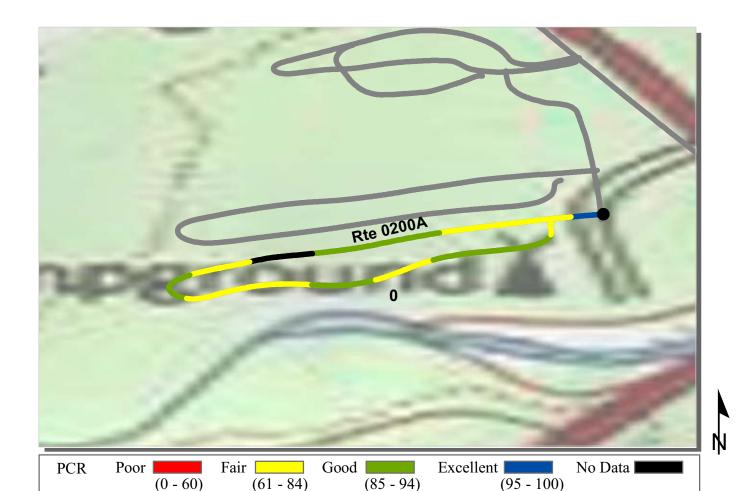
ROUTE: 0100 RILEY CREEK CAMPGROUND ACCESS ROAD

 ${\bf DENA:\ DENALI\ NATIONAL\ PARK\ AND\ PRESERVE}$

		CO	LLECTED:	7/29/2010
ALASKA REGION		TOTAL	LENGTH:	0.22 Miles
Section Number	0			

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

Section Number	0		
Section Length (mi)	0.22		
Cross Section Information			
Number of Lanes	2		
Paved Width (ft)	37		
Lane Width (ft)	14		
Roadway Condition Information			
SCR (Surface Condition Rating)	93		
PCR (Pavement Condition Rating)	93		
Distress Index Values			
Structural Crack Index	94		
Transverse Cracking Index	96		
Patching Index	97		
Rutting Index	93		
Roughness Condition Index (RCI)	NC		

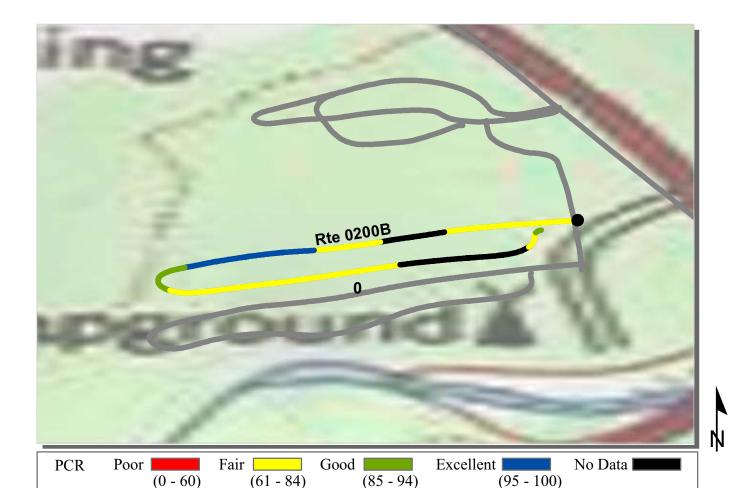


ROUTE: 0200A RILEY CREEK CAMPGROUND LOOP 1 DENA: DENALI NATIONAL PARK AND PRESERVE

ALASKA REGION COLLECTED: 7/29/2010
TOTAL LENGTH: 0.55 Miles

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

11211011111201011			 OLC THIES
Section Number	0		
Section Length (mi)	0.55		
Cross Section Information			
Number of Lanes	1		
Paved Width (ft)	14		
Lane Width (ft)	13		
Roadway Condition Information			
SCR (Surface Condition Rating)	87		
PCR (Pavement Condition Rating)	87		
Distress Index Values			
Structural Crack Index	99		
Transverse Cracking Index	87		
Patching Index	99		
Rutting Index	87		
Roughness Condition Index (RCI)	NC		



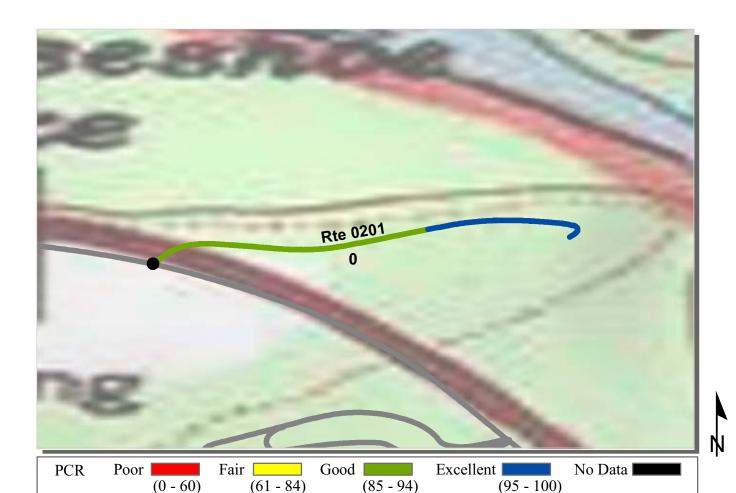
ROUTE: 0200B RILEY CREEK CAMPGROUND LOOP 2 DENA: DENALI NATIONAL PARK AND PRESERVE

ALASKA REGION COLLECTED: 7/29/2010
TOTAL LENGTH: 0.52 Miles

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

11211012111201011			EE, OIII	010 = 1:11105
Section Number	0			
Section Length (mi)	0.52			
Cross Section Information				
Number of Lanes	1			
Paved Width (ft)	14			
Lane Width (ft)	13			
Roadway Condition Information				
SCR (Surface Condition Rating)	85			
PCR (Pavement Condition Rating)	85			
Distress Index Values				
Structural Crack Index	99			
Transverse Cracking Index	97			
Patching Index	99			
Rutting Index	85			
Roughness Condition Index (RCI)	NC			

7/29/2010

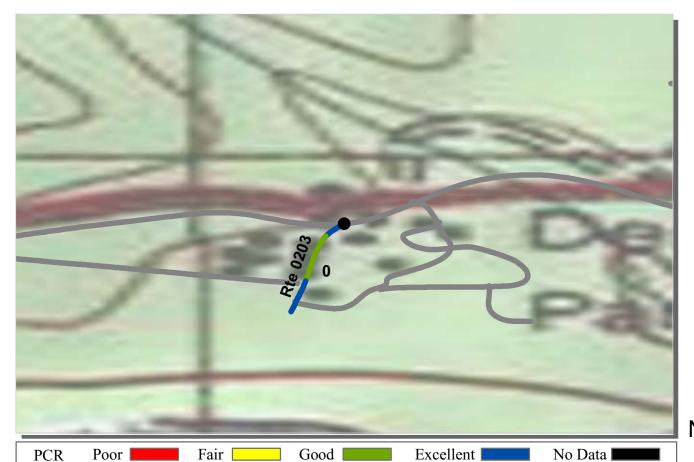


* If the PCR rating is not available for a section, the SCR rating will be displayed. See appendix for definitions and formulas.

ROUTE: 0201 WILDERNESS ACCESS CENTER ACCESS ROAD DENA: DENALI NATIONAL PARK AND PRESERVE

COLLECTED:
ALASKA PECION TOTAL LENGTH

ALASKA REGION		TOTAL	LENGTH:	0.29 Miles
Section Number	0			
Section Length (mi)	0.29			
Cross Section Information				
Number of Lanes	2			
Paved Width (ft)	23			
Lane Width (ft)	11			
Roadway Condition Information				
SCR (Surface Condition Rating)	93			
PCR (Pavement Condition Rating)	93			
Distress Index Values				
Structural Crack Index	99			
Transverse Cracking Index	93			
Patching Index	99			
Rutting Index	98			
Roughness Condition Index (RCI)	NC			



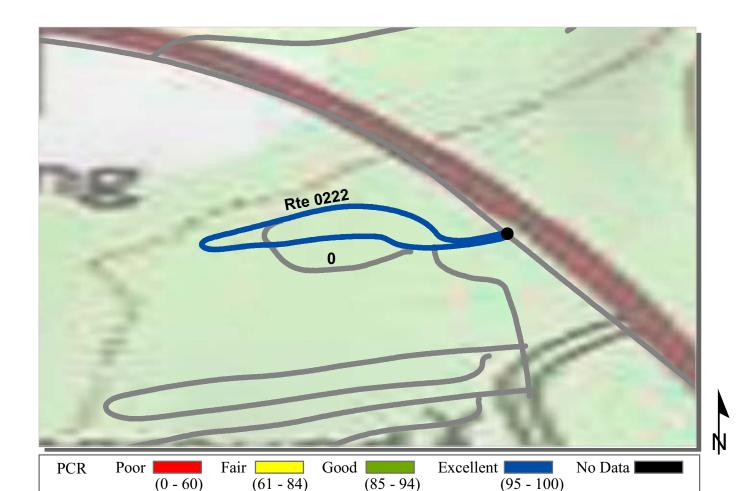
(0 - 60) (61 - 84) (85 - 94) (95 - 100)

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

ROUTE: 0203 HEADQUARTERS ACCESS ROAD DENA: DENALI NATIONAL PARK AND PRESERVE

ALASKA REGION COLLECTED: 7/29/2010
TOTAL LENGTH: 0.12 Miles

Section Number	0		
Section Length (mi)	0.12		
Cross Section Information			
Number of Lanes	2		
Paved Width (ft)	21		
Lane Width (ft)	11		
Roadway Condition Information			
SCR (Surface Condition Rating)	92		
PCR (Pavement Condition Rating)	92		
Distress Index Values			
Structural Crack Index	100		
Transverse Cracking Index	92		
Patching Index	98		
Rutting Index	99		
Roughness Condition Index (RCI)	NC		



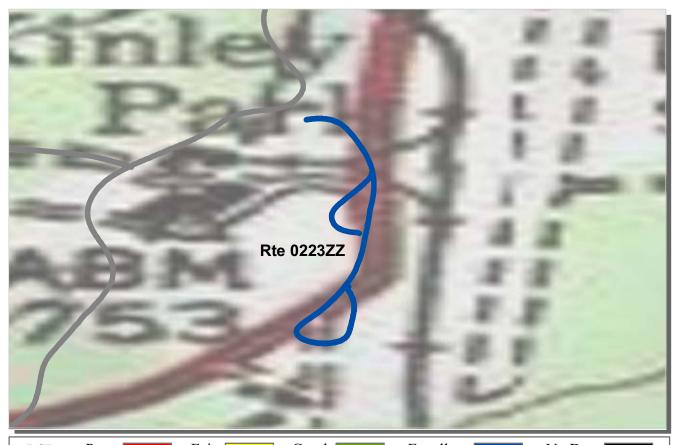
ROUTE: 0222 MERCANTILE ACCESS ROAD

DENA: DENALI NATIONAL PARK AND PRESERVE

ALASKA REGION COLLECTED: 7/29/2010
TOTAL LENGTH: 0.41 Miles

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

112121111201011		101111	EE: (GIII.	OTTI TITLES
Section Number	0			
Section Length (mi)	0.41			
Cross Section Information				
Number of Lanes	1			
Paved Width (ft)	18			
Lane Width (ft)	14			
Roadway Condition Information				
SCR (Surface Condition Rating)	98			
PCR (Pavement Condition Rating)	98			
Distress Index Values				
Structural Crack Index	100			
Transverse Cracking Index	100			
Patching Index	100			
Rutting Index	98			
Roughness Condition Index (RCI)	NC			



Excellent | Fair [No Data **PCR** Poor | Good | (61 - 84)(0 - 60)(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.

ROUTE: 0223ZZ DEPOT ACCESS ROADS

DENA: DENALI NATIONAL PARK AND PRESERVE

COLLECTED: 7/29/2010 **Summary Record** ALASKA REGION TOTAL LENGTH: 0.51 Miles

ALASKA KEGION		TOTAL LENGTH:	0.51 Milles
Section Number			
Section Length (mi)			
Cross Section Information			
Number of Lanes	N/A		
Paved Width (ft)	N/A		
Lane Width (ft)	N/A		
Roadway Condition Information			
SCR (Surface Condition Rating)	96		
PCR (Pavement Condition Rating)	96		
Distress Index Values			
Structural Crack Index	N/A		
Transverse Cracking Index	N/A		
Patching Index	N/A		
Rutting Index	N/A		
Roughness Condition Index (RCI)	N/A		



Excellent | No Data Fair [Good | **PCR** Poor | (0 - 60)(61 - 84)(85 - 94)(95 - 100)* If the PCR rating is not available for a section, the SCR rating will be displayed. See appendix for definitions and formulas.

ROUTE: 0223AZ DEPOT ACCESS ROAD

DENA: DENALI NATIONAL PARK AND PRESERVE

COLLECTED: 7/29/2010 **Subcomponent Record** ALASKA REGION TOTAL LENGTH: 0.42 Miles

ALASKA KEGIUN		IOIAL	LENGIH.	0.42 Milles
Section Number	0			
Section Length (mi)	0.42			
Cross Section Information				
Number of Lanes	2			
Paved Width (ft)	25			
Lane Width (ft)	16			
Roadway Condition Information				
SCR (Surface Condition Rating)	95			
PCR (Pavement Condition Rating)	95			
Distress Index Values				
Structural Crack Index	99			
Transverse Cracking Index	95			
Patching Index	98			
Rutting Index	97			
Roughness Condition Index (RCI)	NC			

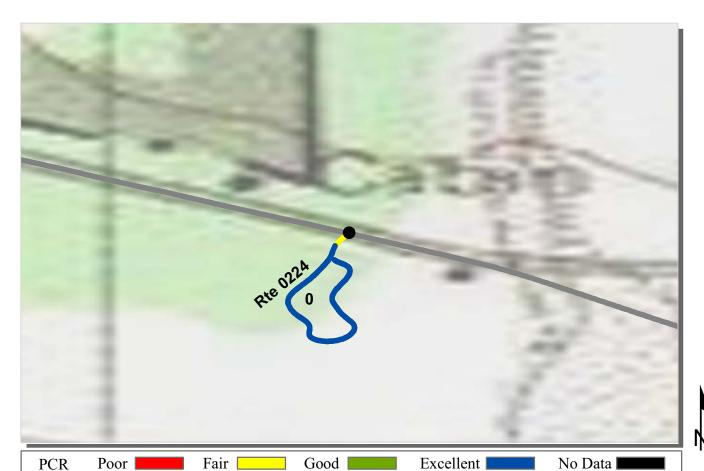




ROUTE: 0223BZ DEPOT BUS DROP OFF ROAD DENA: DENALI NATIONAL PARK AND PRESERVE

Subcomponent Record COLLECTED: 7/29/2010
ALASKA REGION TOTAL LENGTH: 0.09 Miles

ALASKA REGION				LENGIH:	0.09 Milles
Section Number	0				
Section Length (mi)	0.09				
Cross Section Information					
Number of Lanes	1				
Paved Width (ft)	25				
Lane Width (ft)	25				
Roadway Condition Information					
SCR (Surface Condition Rating)	99				
PCR (Pavement Condition Rating)	99				
Distress Index Values					
Structural Crack Index	99				
Transverse Cracking Index	99				
Patching Index	100				
Rutting Index	99				
Roughness Condition Index (RCI)	NC				



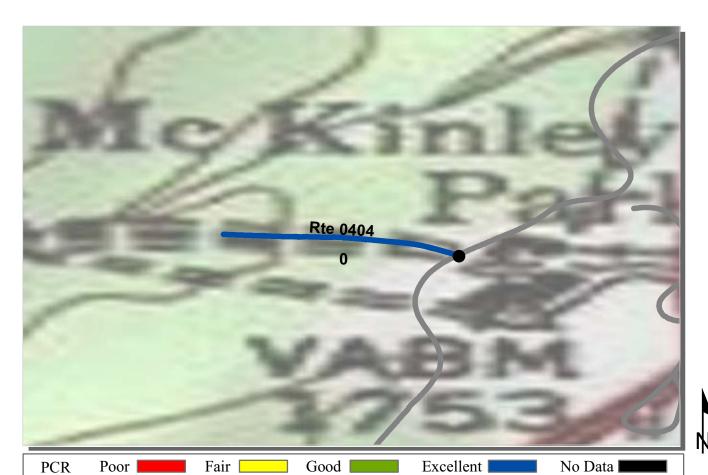
(0 - 60) (61 - 84) (85 - 94) (95 - 100)

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

ROUTE: 0224 MOUNTAIN VISTA LOOP ROAD DENA: DENALI NATIONAL PARK AND PRESERVE

ALASKA REGION COLLECTED: 7/29/2010
TOTAL LENGTH: 0.28 Miles

ALASKA KEGION	JIAL LENGIII.	0.20 Willes		
Section Number	0			
Section Length (mi)	0.28			
Cross Section Information				
Number of Lanes	1			
Paved Width (ft)	16			
Lane Width (ft)	14			
Roadway Condition Information				
SCR (Surface Condition Rating)	99			
PCR (Pavement Condition Rating)	99			
Distress Index Values				
Structural Crack Index	100			
Transverse Cracking Index	100			
Patching Index	100			
Rutting Index	99			
Roughness Condition Index (RCI)	NC			



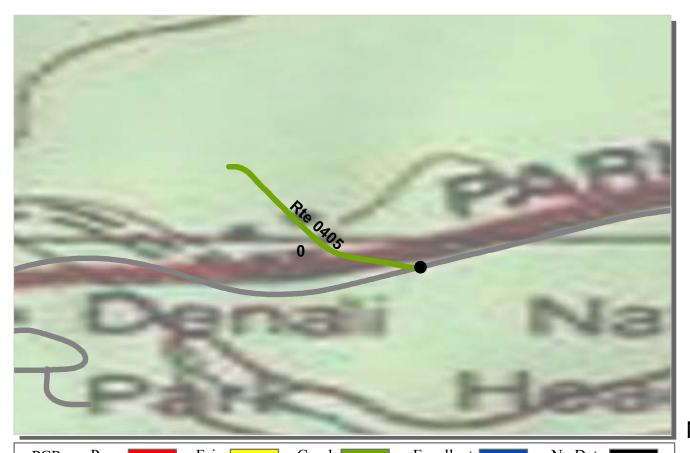
(0 - 60) (61 - 84) (85 - 94) (95 - 100)

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

ROUTE: 0404 FRONT COUNTRY WATER SUPPLY ROAD DENA: DENALI NATIONAL PARK AND PRESERVE

ALASKA REGION COLLECTED: 7/29/2010
TOTAL LENGTH: 0.14 Miles

TEMBLE REGION					
Section Number	0				
Section Length (mi)	0.14				
Cross Section Information					
Number of Lanes	2				
Paved Width (ft)	23				
Lane Width (ft)	11				
Roadway Condition Information					
SCR (Surface Condition Rating)	99				
PCR (Pavement Condition Rating)	99				
Distress Index Values					
Structural Crack Index	100				
Transverse Cracking Index	99				
Patching Index	100				
Rutting Index	99				
Roughness Condition Index (RCI)	NC				



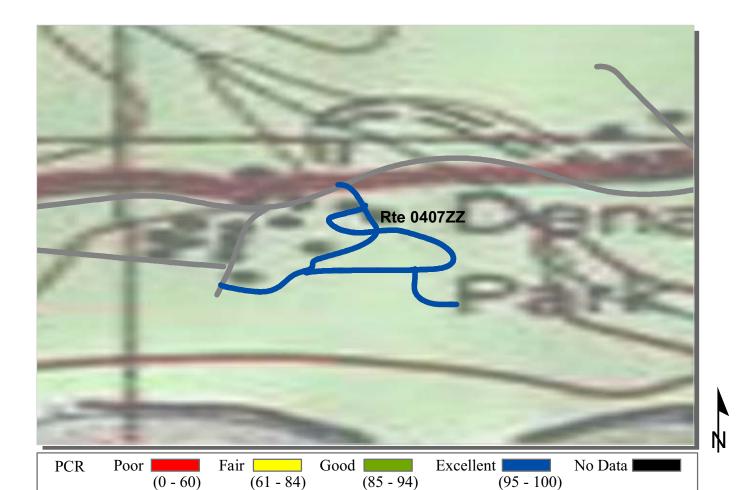
PCR Poor Fair Good Excellent No Data (0 - 60) (61 - 84) (85 - 94) (95 - 100)

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

ROUTE: 0405 C CAMP RESIDENCE AND MAINTENANCE ROAD DENA: DENALI NATIONAL PARK AND PRESERVE

COLLECTED: 7/29/2010
ALASKA REGION TOTAL LENGTH: 0.19 Miles

ALASKA KEGION		IOIAL	LENGIH;	0.19 lyttles
Section Number	0			
Section Length (mi)	0.19			
Cross Section Information				
Number of Lanes	2			
Paved Width (ft)	22			
Lane Width (ft)	11			
Roadway Condition Information				
SCR (Surface Condition Rating)	93			
PCR (Pavement Condition Rating)	93			
Distress Index Values				
Structural Crack Index	93			
Transverse Cracking Index	94			
Patching Index	99			
Rutting Index	99			
Roughness Condition Index (RCI)	NC			



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

ROUTE: 0407ZZ HEADQUARTERS HOUSING AREA ROADS

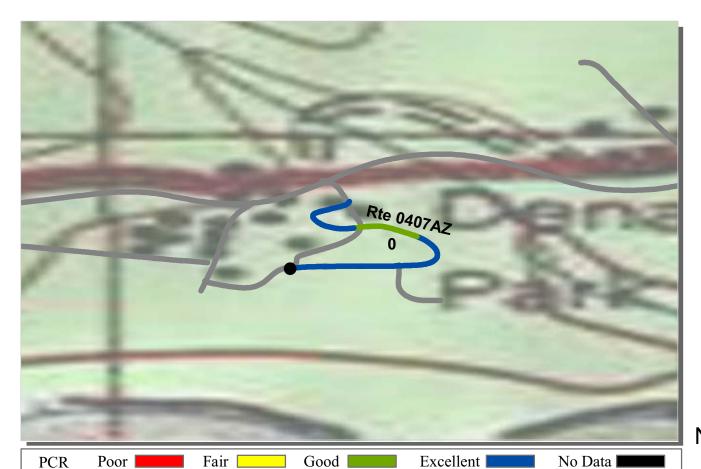
DENA: DENALI NATIONAL PARK AND PRESERVE

Summary Record COLLECTED: 7/29/2010

ALASKA REGION		TOTAL	LENGTH:	0.49 Miles
Section Number				
Section Length (mi)				
Cross Section Information				
Number of Lanes	N/A			
Paved Width (ft)	N/A			
Lane Width (ft)	N/A			
Roadway Condition Information				
SCR (Surface Condition Rating)	95			
PCR (Pavement Condition Rating)	95			
Distress Index Values				
Structural Crack Index	N/A			
Transverse Cracking Index	N/A			
Patching Index	N/A			
Rutting Index	N/A			
Roughness Condition Index (RCI)	N/A			

NOTES:

Structural Crack Index is a combination of the Longitudinal Cracking Index and Alligator Cracking Index. See Section 10 for explanation of SCR, PCR, & all Distress Index Values.



(0 - 60) (61 - 84) (85 - 94) (95 - 100)

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

ROUTE: 0407AZ HEADQUARTERS HOUSING AREA ROAD A DENA: DENALI NATIONAL PARK AND PRESERVE

Subcomponent Record COLLECTED: 7/29/2010
ALASKA RECION TOTAL LENGTH: 0.22 Miles

ALASKA REGION	TOTAL			LENGTH:	0.22 Miles
Section Number	0				
Section Length (mi)	0.22				
Cross Section Information					
Number of Lanes	2				
Paved Width (ft)	28				
Lane Width (ft)	14				
Roadway Condition Information					
SCR (Surface Condition Rating)	96				
PCR (Pavement Condition Rating)	96				
Distress Index Values					
Structural Crack Index	100				
Transverse Cracking Index	96				
Patching Index	100				
Rutting Index	96				
Roughness Condition Index (RCI)	NC				



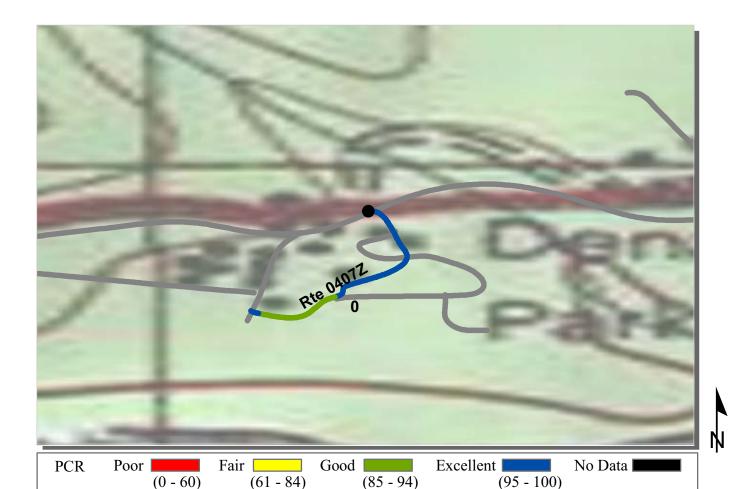
PCR Poor Fair Good Excellent No Data (0 - 60) (61 - 84) (85 - 94) (95 - 100)

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

ROUTE: 0407BZ HEADQUARTERS HOUSING AREA ROAD B DENA: DENALI NATIONAL PARK AND PRESERVE

Subcomponent Record COLLECTED: 7/29/2010
ALASKA REGION TOTAL LENGTH: 0.06 Miles

ALASKA REGION		IOIAL LENGIH:	0.06 Miles
Section Number	0		
Section Length (mi)	0.06		
Cross Section Information			
Number of Lanes	2		
Paved Width (ft)	17		
Lane Width (ft)	8		
Roadway Condition Information			
SCR (Surface Condition Rating)	93		
PCR (Pavement Condition Rating)	93		
Distress Index Values			
Structural Crack Index	100		
Transverse Cracking Index	93		
Patching Index	99		
Rutting Index	98		
Roughness Condition Index (RCI)	NC		

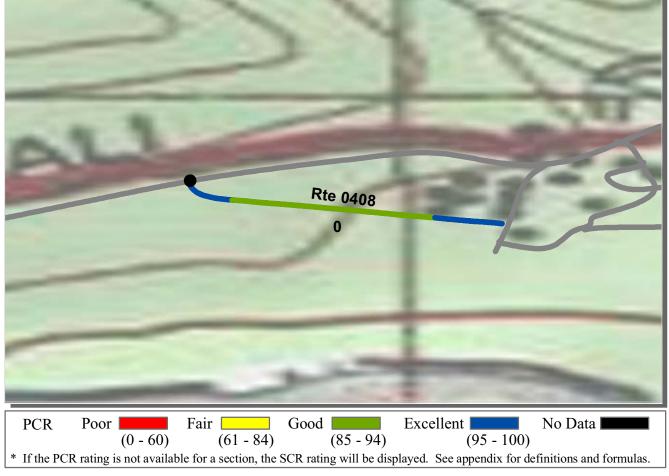


ROUTE: 0407Z HEADQUARTERS HOUSING AREA ROAD DENA: DENALI NATIONAL PARK AND PRESERVE

Subcomponent Record COLLECTED: 7/29/2010
ALASKA RECION TOTAL LENGTH: 0.21 Miles

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

ALASKA REGION	TOTAL LENGTH: 0.2				0.21 Miles
Section Number	0				
Section Length (mi)	0.21				
Cross Section Information					
Number of Lanes	2				
Paved Width (ft)	17				
Lane Width (ft)	8				
Roadway Condition Information					
SCR (Surface Condition Rating)	93				
PCR (Pavement Condition Rating)	93				
Distress Index Values					
Structural Crack Index	100				
Transverse Cracking Index	93				
Patching Index	99				
Rutting Index	98				
Roughness Condition Index (RCI)	NC				

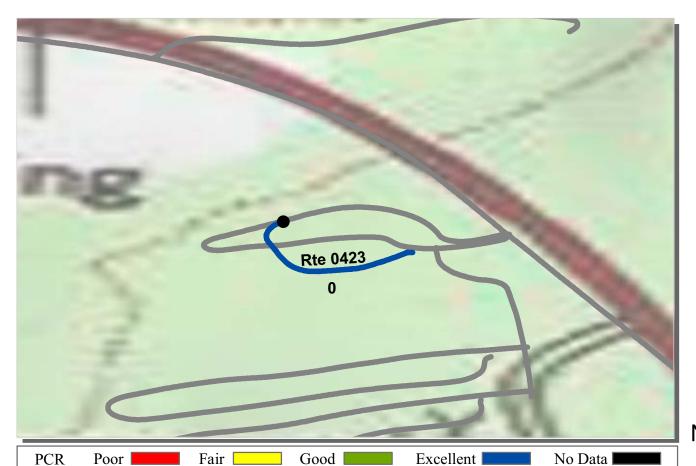


ROUTE: 0408 HEADQUARTERS ADMINISTRATION ACCESS ROAD

DENA: DENALI NATIONAL PARK AND PRESERVE

ALASKA REGION COLLECTED: 7/29/2010
TOTAL LENGTH: 0.20 Miles

112121111201011		101111	EE: (GIII.	0.20 1.11165
Section Number	0			
Section Length (mi)	0.20			
Cross Section Information				
Number of Lanes	2			
Paved Width (ft)	18			
Lane Width (ft)	9			
Roadway Condition Information				
SCR (Surface Condition Rating)	97			
PCR (Pavement Condition Rating)	97			
Distress Index Values				
Structural Crack Index	100			
Transverse Cracking Index	97			
Patching Index	99			
Rutting Index	97			
Roughness Condition Index (RCI)	NC			



(0 - 60) (61 - 84) (85 - 94) (95 - 100)

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

ROUTE: 0423 MERCANTILE SERVICE ROAD DENA: DENALI NATIONAL PARK AND PRESERVE

COLLECTED: 7/29/2010
LASKA REGION TOTAL LENGTH: 0.14 Miles

ALASKA REGION	TOTAL LENGTH			LENGTH:	0.14 Miles
Section Number	0				
Section Length (mi)	0.14				
Cross Section Information					
Number of Lanes	2				
Paved Width (ft)	15				
Lane Width (ft)	7				
Roadway Condition Information					
SCR (Surface Condition Rating)	99				
PCR (Pavement Condition Rating)	99				
Distress Index Values					
Structural Crack Index	100				
Transverse Cracking Index	99				
Patching Index	100				
Rutting Index	99				
Roughness Condition Index (RCI)	NC				

Section 6 Manually Rated Paved Route Condition Rating Sheets



Denali National Park and Preserve



DENALI NATIONAL PARK AND PRESERVE

Route 0010EZZ

DENALI PARK ROADS - EAST

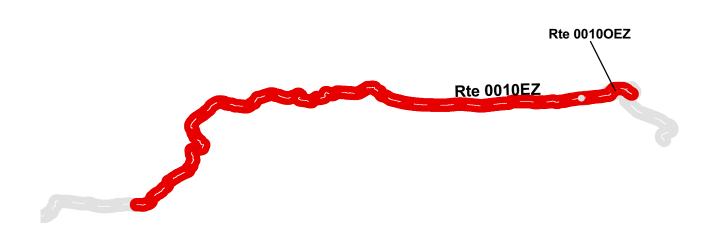
FROM ROUTE 5000 (GEORGE PARK HIGHWAY)

TO MILE MARKER 39.0 AND START OF ROUTE 0010W (DENALI PARK ROAD - WEST)

Summary Record

Route	Public /			Lane	MRI	
Number	NonPublic	Date Visited	Area (sq ft)	Miles *	Length (mi)	Width (ft)
0010EZZ	PUBLIC	7/28/2010	3,732	30.98	39.08	22.8
						Surface
Culverts	Drop Inlets	Gates	Curb & Gutter	Curb	PCR	Type
0	0	3	N/A	N/A	SUMMARY/85	AS

^{*} Lane miles are based on 11' lane widths



DENALI NATIONAL PARK AND PRESERVE Route 0010EOZ

DENALI PARK ROADS - EAST

Subcomponent Record

Route	Public /			Lane	MRI	L
Number	NonPublic	Date Visited	Area (sq ft)	Miles *	Length (mi)	Width (ft)
0010EOZ	NC	NC	NC	NC	NC	NC
						Surface
Culverts	Drop Inlets	Gates	Curb & Gutter	Curb	PCR	Type
NC	NC	NC	NC	NC	NC	NC

^{*} Lane miles are based on 11' lane widths

Note: No data was collected for Route 0010EOZ in Cycle-5.





Rte 0010EZ



100

50



Rte 0223AZ

Rte 0974

DENALI NATIONAL PARK AND PRESERVE Route 0410

ROCK CREEK RESERVOIR ROAD

FROM ROUTE 0010EZZ (DENALI PARK ROADS - EAST) AT MP 3.42 TO ROUTE 0970 (ROCK CREEK RESERVOIR / AIR QUALITY PARKING)

Route	Public /			Lane	MRL	
Number	NonPublic	Date Visited	Area (sq ft)	Miles *	Length (mi)	Width (ft)
0410	NONPUBLIC	7/3/2010	1,626	0.03	0.14	11
						Surface
Culverts	Drop Inlets	Gates	Curb & Gutter	Curb	PCR	Type
			NO CURB AND			
0	0	0	GUTTER	NO CURB	FAIR/73	AS

^{*} Lane miles are based on 11' lane widths





Rte 0410

Rte 0010EZ

Rte 0910 100 50 0 100 Feet 6-3

DENALI NATIONAL PARK AND PRESERVE Route 0426

CONCESSIONS SUGARLOAF HALL ACCESS ROAD FROM ROUTE 0404 (FRONTCOUNTRY WATER SUPPLY ROAD) TO SUGARLOAF DINING HALL

Route	Public /				
Number	NonPublic	Date Visited	Area (sq ft)	Lane Miles *	Surface Type
0426	NONPUBLIC	7/5/2010	8,962	0.15	AS
Culverts	Drop Inlets	Gates	Curb & Gutter	Curb	PCR
			NO CURB AND		
0	0	0	GUTTER	NO CURB	FAIR/73

^{*} Lane miles are based on 11' lane widths







Rte 0920

Rte 0426

Rte 0973

Rte 0404

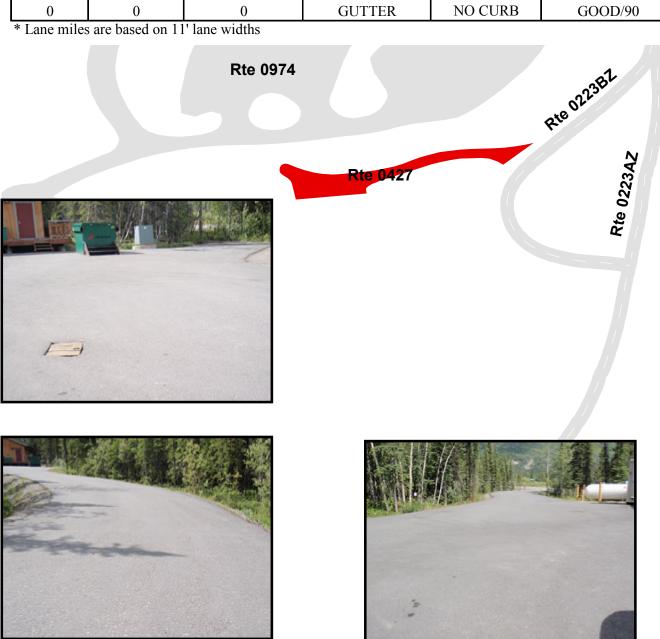
Rte 0010EZ



DENALI NATIONAL PARK AND PRESERVE Route 0427

DENALI VISITOR CENTER CONCESSIONS GROUNDS ACCESS ROAD FROM ROUTE 0223ZZ (DEPOT ACCESS ROADS) TO END

Route	Public /				
Number	NonPublic	Date Visited	Area (sq ft)	Lane Miles *	Surface Type
0427	NONPUBLIC	7/5/2010	6,057	0.10	AS
Culverts	Drop Inlets	Gates	Curb & Gutter	Curb	PCR
			NO CURB AND		
0	0	0	GUTTER	NO CURB	GOOD/90



Section 7 Parking Area Condition Rating Sheets



Denali National Park and Preserve



DENALI NATIONAL PARK AND PRESERVE

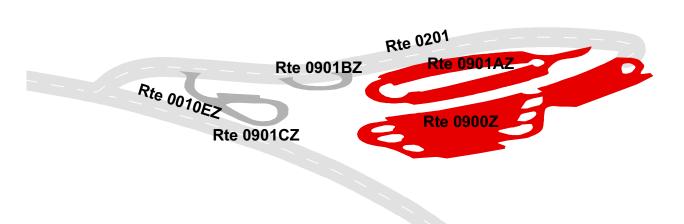
Route 0900ZZ

WILDERNESS ACCESS CENTER PARKING AREAS FROM ROUTE 0201 (WILDERNESS ACCESS CENTER ACCESS ROAD) TO PARKING AREAS

Summary Record

Route	Public /				
Number	NonPublic	Date Visited	Area (sq ft)	Lane Miles *	Surface Type
0900ZZ	PUBLIC	7/3/2010	184,417	3.18	AS
Culverts	Drop Inlets	Gates	Curb & Gutter	Curb	PCR
			NO CURB AND	ASPHALT &	
0	0	0	GUTTER	WOOD CURB	SUMMARY/73

^{*} Lane miles are based on 11' lane widths



450

0

900

900

Feet

Route 0900Z

WILDERNESS ACCESS CENTER LOWER PARKING

FROM END OF ROUTE 0201 (WILDERNESS ACCESS CENTER ACCESS ROAD) TO PARKING

Subcomponent Record

Route	Public /				
Number	NonPublic	Date Visited	Area (sq ft)	Lane Miles *	Surface Type
0900Z	PUBLIC	7/3/2010	123,717	2.13	AS
Culverts	Drop Inlets	Gates	Curb & Gutter	Curb	PCR
Culverts	Drop Inlets	Gates	Curb & Gutter NO CURB AND	Curb ASPHALT &	PCR

^{*} Lane miles are based on 11' lane widths







Rte 0901BZ Rte 0901AZ

Rte 0901CZ Rte 0900Z

WILDERNESS ACCESS CENTER UPPER PARKING A FROM ROUTE 0201 (WILDERNESS ACCESS CENTER ACCESS ROAD) AT MP 0.26 TO PARKING

Subcomponent Record

Route	Public /				
Number	NonPublic	Date Visited	Area (sq ft)	Lane Miles *	Surface Type
0901AZ	PUBLIC	7/3/2010	60,700	1.05	AS
Culverts	Drop Inlets	Gates	Curb & Gutter	Curb	PCR
			NO CURB AND	ASPHALT &	
0	0	0	GUTTER	WOOD CURB	FAIR/73

^{*} Lane miles are based on 11' lane widths







Rte 0201

Rte 0901BZ

Rte 0900Z

Rte 0010EZ

900

Rte 0901CZ

450



900

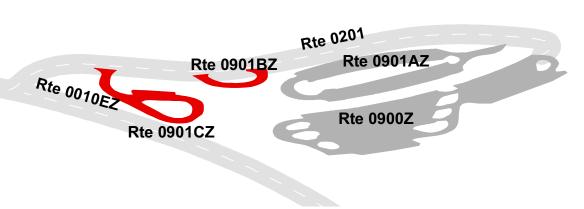
Feet

WILDERNESS ACCESS CENTER UPPER PARKING AREAS FROM ROUTE 0201 (WILDERNESS ACCESS CENTER ACCESS ROAD) AT MP 0.12 TO PARKING AREAS

Summary Record

Route	Public /				
Number	NonPublic	Date Visited	Area (sq ft)	Lane Miles *	Surface Type
0901ZZ	NONPUBLIC	7/3/2010	26,144	0.45	AS
Culverts	Drop Inlets	Gates	Curb & Gutter	Curb	PCR
			NO CURB AND		
0	0	0	GUTTER	NO CURB	SUMMARY/73

^{*} Lane miles are based on 11' lane widths



0

900

450

900

Feet

WILDERNESS ACCESS CENTER UPPER PARKING B

FROM ROUTE 0201 (WILDERNESS ACCESS CENTER ACCESS ROAD) AT MP 0.12 TO ROUTE 0201 (WILDERNESS ACCESS CENTER ACCESS ROAD)

Subcomponent Record

Route	Public /				
Number	NonPublic	Date Visited	Area (sq ft)	Lane Miles *	Surface Type
0901BZ	NONPUBLIC	7/3/2010	6,391	0.11	AS
Culverts	Drop Inlets	Gates	Curb & Gutter	Curb	PCR
			NO CURB AND		
0	0	0	GUTTER	NO CURB	FAIR/73

^{*} Lane miles are based on 11' lane widths





Rte 0201 Rte 0901AZ Rte 0901BZ Rte 0010EZ Rte 0900Z Rte 0901CZ

900



WILDERNESS ACCESS CENTER UPPER PARKING C FROM ROUTE 0201 (WILDERNESS ACCESS CENTER ACCESS ROAD) AT MP 0.06 TO PARKING

Subcomponent Record

Route	Public /				
Number	NonPublic	Date Visited	Area (sq ft)	Lane Miles *	Surface Type
0901CZ	NONPUBLIC	7/3/2010	19,753	0.34	AS
Culverts	Drop Inlets	Gates	Curb & Gutter	Curb	PCR
			NO CURB AND		
0	0	0	GUTTER	NO CURB	FAIR/73

^{*} Lane miles are based on 11' lane widths







Rte 0901BZ Rte 0901AZ

Rte 0010EZ

Rte 0900Z

ENTRANCE AREA PARKING

FROM ROUTE 0010EZZ (DENALI PARK ROADS - EAST) AT MP 0.04 TO ROUTE 0010EZZ (DENALI PARK ROADS - EAST)

Route	Public /				
Number	NonPublic	Date Visited	Area (sq ft)	Lane Miles *	Surface Type
0903	PUBLIC	7/5/2010	11,709	0.20	AS
Culverts	Drop Inlets	Gates	Curb & Gutter	Curb	PCR
			NO CURB AND	ASPHALT	
2	0	0	GUTTER	CURB	FAIR/73

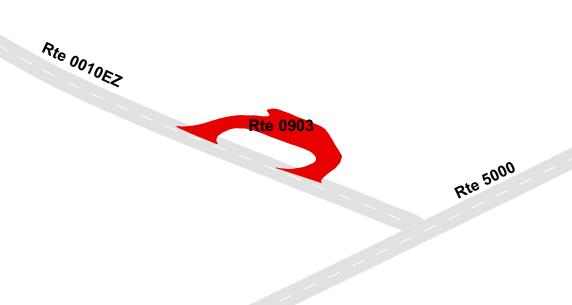
^{*} Lane miles are based on 11' lane widths



460

230





460 Feet

Route 0905ZZ

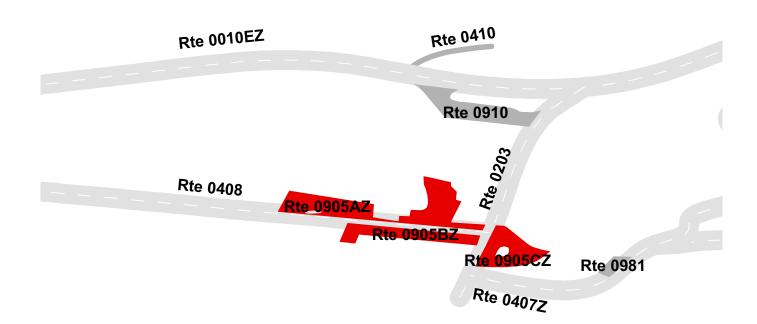
HEADQUARTERS PARKING AREAS

ADJACENT TO ROUTE 0203 (HEADQUARTERS ACCESS ROAD)
AND ROUTE 0408 (HEADQUARTERS ADMINISTRATION ACCESS ROAD)

Summary Record

Route	Public /				
Number	NonPublic	Date Visited	Area (sq ft)	Lane Miles *	Surface Type
0905ZZ	PUBLIC	7/3/2010	24,770	0.43	AS
Culverts	Drop Inlets	Gates	Curb & Gutter	Curb	PCR
			NO CURB AND		
0	0	0	GUTTER	NO CURB	SUMMARY/73

^{*} Lane miles are based on 11' lane widths



HEADQUARTERS PARKING A

ADJACENT TO ROUTE 0408 (HEADQUARTERS ADMINISTRATION ACCESS ROAD)

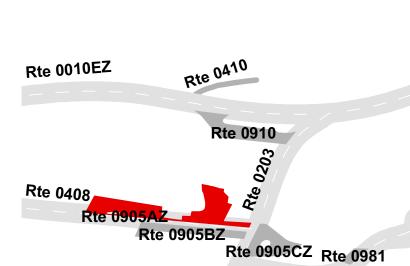
Subcomponent Record

Route	Public /				
Number	NonPublic	Date Visited	Area (sq ft)	Lane Miles *	Surface Type
0905AZ	PUBLIC	7/3/2010	13,509	0.23	AS
Culverts	Drop Inlets	Gates	Curb & Gutter	Curb	PCR
			NO CURB AND		
0	0	0	GUTTER	NO CURB	FAIR/73

^{*} Lane miles are based on 11' lane widths







Rte 0407Z



Rte 0407AZ

Rte 0407BZ





HEADQUARTERS PARKING B

ADJACENT TO ROUTE 0408 (HEADQUARTERS ADMINISTRATION ACCESS ROAD)

Subcomponent Record

Route	Public /				
Number	NonPublic	Date Visited	Area (sq ft)	Lane Miles *	Surface Type
0905BZ	PUBLIC	7/3/2010	5,309	0.09	AS
Culverts	Drop Inlets	Gates	Curb & Gutter	Curb	PCR
			NO CURB AND		
0	0	0	GUTTER	NO CURB	FAIR/73

^{*} Lane miles are based on 11' lane widths







HEADQUARTERS PARKING C
ADJACENT TO ROUTE 0203 (HEADQUARTERS ACCESS ROAD)

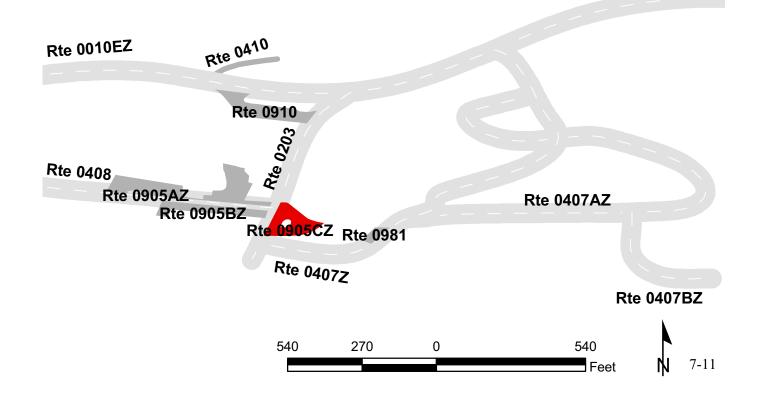
Subcomponent Record

Route	Public /				
Number	NonPublic	Date Visited	Area (sq ft)	Lane Miles *	Surface Type
0905CZ	PUBLIC	7/3/2010	5,952	0.10	AS
Culverts	Drop Inlets	Gates	Curb & Gutter	Curb	PCR
			NO CURB AND		
0	0	0	GUTTER	NO CURB	FAIR/73

^{*} Lane miles are based on 11' lane widths







Route 0906

SAVAGE RIVER EAST PARKING

FROM ROUTE 0010EZZ (DENALI PARK ROADS - EAST) AT MP 14.7 AT SAVAGE RIVER TO PARKING

Route	Public /				
Number	NonPublic	Date Visited	Area (sq ft)	Lane Miles *	Surface Type
0906	PUBLIC	7/3/2010	23,337	0.40	AS
Culverts	Drop Inlets	Gates	Curb & Gutter	Curb	PCR
			NO CURB AND	RECYCLED	
0	3	1	GUTTER	PLASTIC	FAIR/73

^{*} Lane miles are based on 11' lane widths







Rte 0010EZ



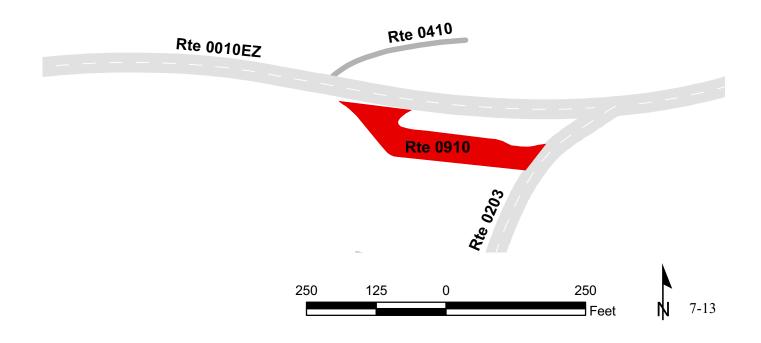
HEADQUARTERS FLAGPOLE SHUTTLE STOP PARKING FROM ROUTE 0010EZZ (DENALI PARK ROADS - EAST) AT MP 3.41 TO ROUTE 0203 (HEADQUARTERS ACCESS ROAD)

Route	Public /				
Number	NonPublic	Date Visited	Area (sq ft)	Lane Miles *	Surface Type
0910	PUBLIC	7/3/2010	7,501	0.13	AS
Culverts	Drop Inlets	Gates	Curb & Gutter	Curb	PCR
			NO CURB AND		
0	0	0	GUTTER	NO CURB	FAIR/73

^{*} Lane miles are based on 11' lane widths







RILEY CREEK OVERFLOW PARKING

FROM END OF ROUTE 0100 (RILEY CREEK CAMPGROUND ACCESS ROAD)
TO ROUTE 0916B (RILEY CREEK OVERFLOW PARKING)

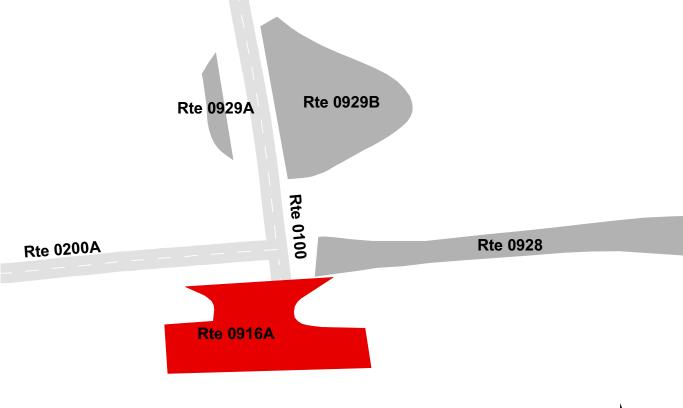
Route	Public /				
Number	NonPublic	Date Visited	Area (sq ft)	Lane Miles *	Surface Type
0916A	PUBLIC	7/5/2010	5,036	0.09	AS
Culverts	Drop Inlets	Gates	Curb & Gutter	Curb	PCR
			NO CURB AND		
0	0	0	GUTTER	NO CURB	FAIR/73

^{*} Lane miles are based on 11' lane widths





110 Feet



110

55

BUS MAINTENANCE WEST PARKING LOT

FROM ROUTE 0404 (FRONTCOUNTRY WATER SUPPLY ROAD)
TO ROUTE 0426 (CONCESSIONS SUGARLOAF HALL ACCESS ROAD)

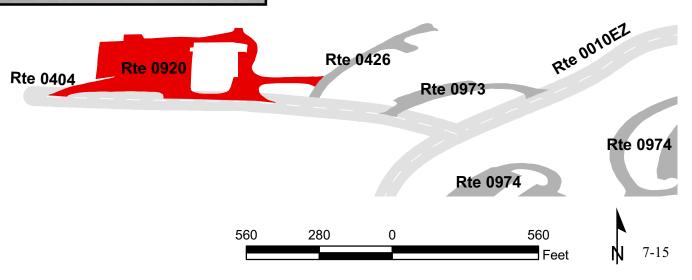
Route	Public /				
Number	NonPublic	Date Visited	Area (sq ft)	Lane Miles *	Surface Type
0920	NONPUBLIC	7/5/2010	51,181	0.88	AS
Culverts	Drop Inlets	Gates	Curb & Gutter	Curb	PCR
			NO CURB AND		
0	0	0	GUTTER	NO CURB	FAIR/73

^{*} Lane miles are based on 11' lane widths









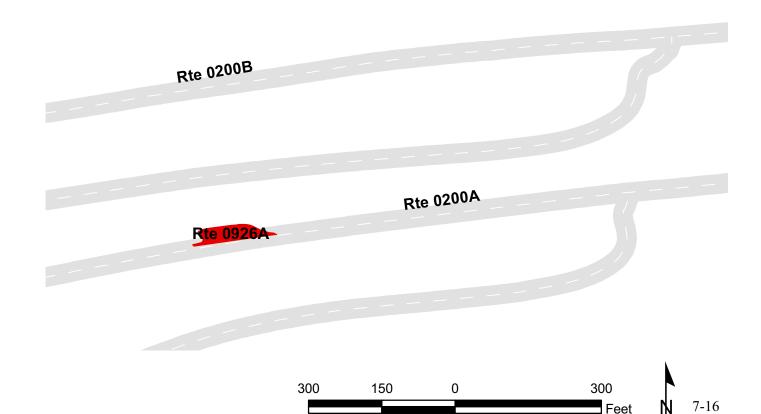
RILEY CREEK CAMPGROUND RESTROOM PARKING A ADJACENT TO ROUTE 0200A (RILEY CREEK CAMPGROUND LOOP 1)

Route	Public /				
Number	NonPublic	Date Visited	Area (sq ft)	Lane Miles *	Surface Type
0926A	PUBLIC	7/5/2010	1,771	0.03	AS
Culverts	Drop Inlets	Gates	Curb & Gutter	Curb	PCR
			NO CURB AND		
0	0	0	GUTTER	NO CURB	POOR/45

^{*} Lane miles are based on 11' lane widths







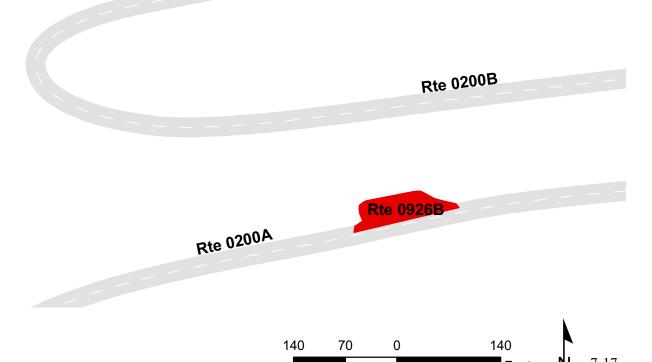
RILEY CREEK CAMPGROUND RESTROOM PARKING B ADJACENT TO ROUTE 0200A (RILEY CREEK CAMPGROUND LOOP 1)

Route	Public /				
Number	NonPublic	Date Visited	Area (sq ft)	Lane Miles *	Surface Type
0926B	PUBLIC	7/5/2010	1,852	0.03	AS
Culverts	Drop Inlets	Gates	Curb & Gutter	Curb	PCR
			NO CURB AND		
0	0	0	GUTTER	NO CURB	POOR/45

^{*} Lane miles are based on 11' lane widths







RILEY CREEK CAMPGROUND ACCESS PARKING FROM ROUTE 0100 (RILEY CREEK CAMPGROUND ACCESS ROAD) TO ROUTE 0100 (RILEY CREEK CAMPGROUND ACCESS ROAD)

Route	Public /				
Number	NonPublic	Date Visited	Area (sq ft)	Lane Miles *	Surface Type
0927	PUBLIC	7/5/2010	1,410	0.02	AS
Culverts	Drop Inlets	Gates	Curb & Gutter	Curb	PCR
			NO CURB AND		
0	0	0	GUTTER	NO CURB	FAIR/73

^{*} Lane miles are based on 11' lane widths





Rte 0222

Rte 0070EZ

Rte 0100

Rte 0927



RILEY CREEK POST OFFICE PARKING

FROM END OF ROUTE 0100 (RILEY CREEK CAMPGROUND ACCESS ROAD) ON LEFT TO PARKING

Route	Public /				
Number	NonPublic	Date Visited	Area (sq ft)	Lane Miles *	Surface Type
0928	PUBLIC	7/5/2010	21,014	0.36	AS
Culverts	Drop Inlets	Gates	Curb & Gutter	Curb	PCR
			NO CURB AND		
0	0	0	GUTTER	NO CURB	FAIR/73

^{*} Lane miles are based on 11' lane widths





RILEY CREEK SHUTTLE STOP PARKING A ADJACENT TO ROUTE 0100 (RILEY CREEK CAMPGROUND ACCESS ROAD) ON RIGHT

Route	Public /				
Number	NonPublic	Date Visited	Area (sq ft)	Lane Miles *	Surface Type
0929A	PUBLIC	7/5/2010	620	0.01	AS
Culverts	Drop Inlets	Gates	Curb & Gutter	Curb	PCR
			NO CURB AND		
0	0	0	GUTTER	WOOD CURB	FAIR/73

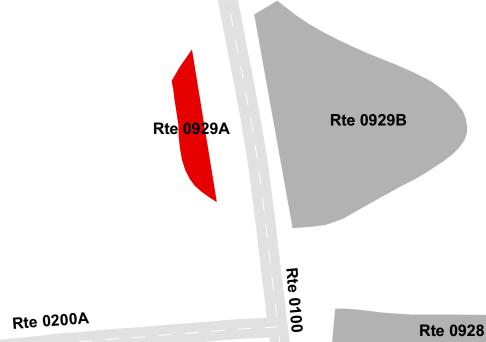
^{*} Lane miles are based on 11' lane widths





100

Feet



Rte 0916A

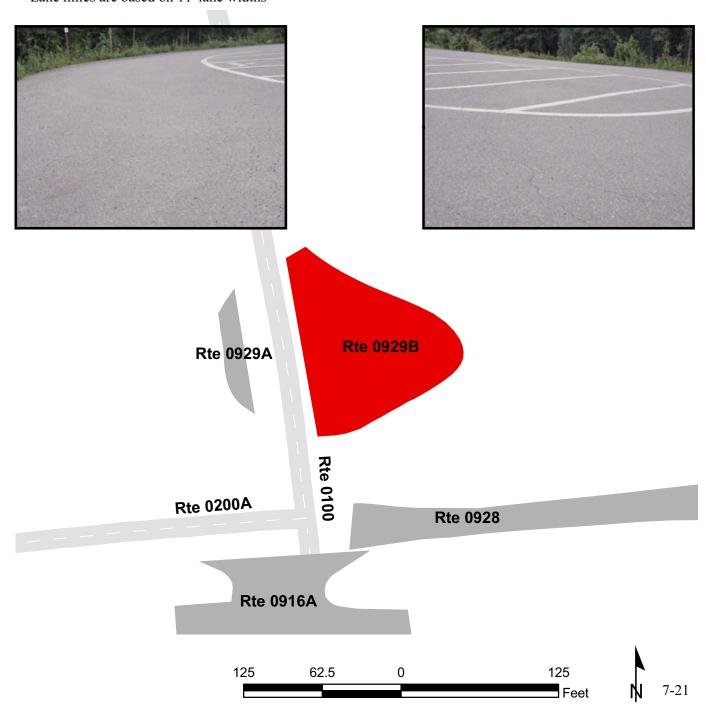
50

100

RILEY CREEK SHUTTLE BUS TURN AROUND ADJACENT TO ROUTE 0100 (RILEY CREEK CAMPGROUND ACCESS ROAD) ON LEFT

Route	Public /				
Number	NonPublic	Date Visited	Area (sq ft)	Lane Miles *	Surface Type
0929B	PUBLIC	7/5/2010	5,443	0.09	AS
Culverts	Drop Inlets	Gates	Curb & Gutter	Curb	PCR
			NO CURB AND		
0	0	0	GUTTER	NO CURB	FAIR/73

^{*} Lane miles are based on 11' lane widths



SAVAGE RIVER CAMPGROUND SHUTTLE STOP PARKING ADJACENT TO ROUTE 0010EZZ (DENALI PARK ROADS - EAST) MP 12.75

Route	Public /				
Number	NonPublic	Date Visited	Area (sq ft)	Lane Miles *	Surface Type
0930	PUBLIC	7/3/2010	1,571	0.03	AS
Culverts	Drop Inlets	Gates	Curb & Gutter	Curb	PCR
			NO CURB AND		
0	0	0	GUTTER	WOOD CURB	GOOD/90

^{*} Lane miles are based on 11' lane widths





Rte 0930

Rte 0010EZ



SAVAGE RIVER VIEWPOINT PARKING ADJACENT TO ROUTE 0010EZZ (DENALI PARK ROADS - EAST) AT MP 11.75

Route	Public /				
Number	NonPublic	Date Visited	Area (sq ft)	Lane Miles *	Surface Type
0932	PUBLIC	7/3/2010	4,103	0.07	AS
Culverts	Drop Inlets	Gates	Curb & Gutter	Curb	PCR
			NO CURB AND		
0	0	0	GUTTER	NO CURB	GOOD/90

^{*} Lane miles are based on 11' lane widths





Rte 0010EZ

Rte 0932



AUTO SHOP MAINTENANCE PARKING FROM END OF ROUTE 0405 (C CAMP RESIDENCE AND MAINTENANCE ROAD) TO PARKING

Route	Public /				
Number	NonPublic	Date Visited	Area (sq ft)	Lane Miles *	Surface Type
0933	NONPUBLIC	7/3/2010	38,367	0.66	AS
Culverts	Drop Inlets	Gates	Curb & Gutter	Curb	PCR
			NO CURB AND		
0	0	0	GUTTER	NO CURB	FAIR/73

^{*} Lane miles are based on 11' lane widths









Ric OAOS

Rte 0010EZ



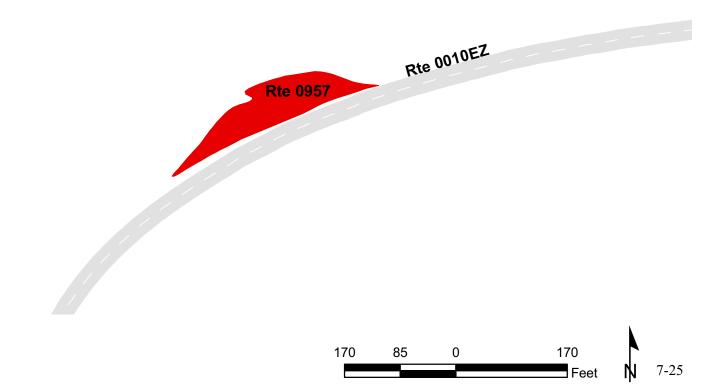
HORSESHOE LAKE TRAILHEAD PARKING ADJACENT TO ROUTE 0010EZZ (DENALI PARK ROADS - EAST) AT MP 1.2

Route	Public /				
Number	NonPublic	Date Visited	Area (sq ft)	Lane Miles *	Surface Type
0957	PUBLIC	7/5/2010	5,930	0.10	AS
Culverts	Drop Inlets	Gates	Curb & Gutter	Curb	PCR
			NO CURB AND	ASPHALT	
0	0	0	GUTTER	CURB	FAIR/73

^{*} Lane miles are based on 11' lane widths







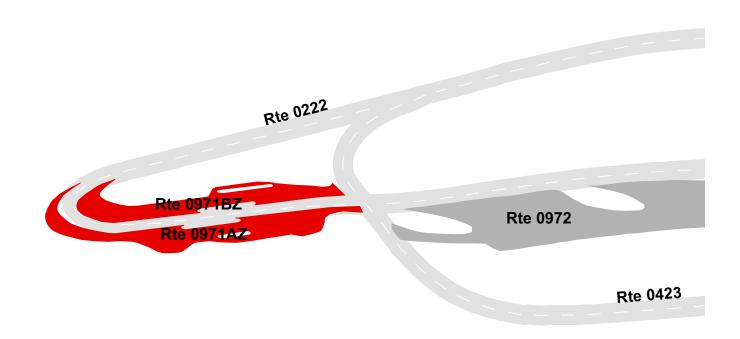
MERCANTILE DUMP STATION AREAS

ADJACENT TO ROUTE 0222 (MERCANTILE ACCESS ROAD) ON LEFT AND RIGHT

Summary Record

Route	Public /				
Number	NonPublic	Date Visited	Area (sq ft)	Lane Miles *	Surface Type
0971ZZ	PUBLIC	7/5/2010	10,777	0.19	AS
Culverts	Drop Inlets	Gates	Curb & Gutter	Curb	PCR
			NO CURB AND	CONCRETE	
0	0	0	GUTTER	CURB	SUMMARY/90

^{*} Lane miles are based on 11' lane widths



MERCANTILE DUMP STATION A

ADJACENT TO ROUTE 0222 (MERCANTILE ACCESS ROAD) ON RIGHT

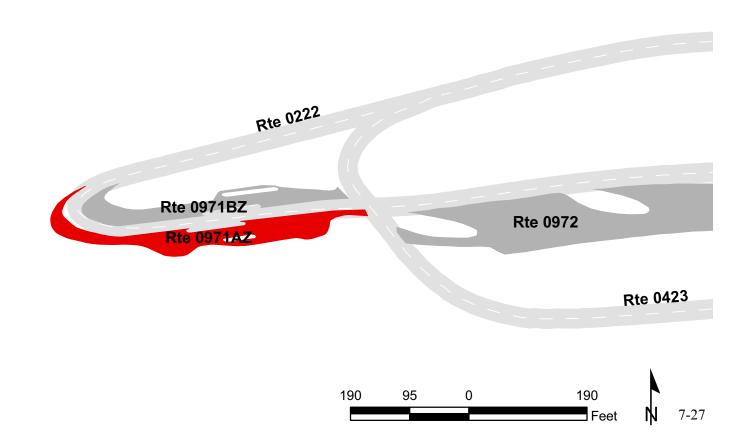
Subcomponent Record

Route	Public /				
Number	NonPublic	Date Visited	Area (sq ft)	Lane Miles *	Surface Type
0971AZ	PUBLIC	7/5/2010	6,014	0.10	AS
Culverts	Drop Inlets	Gates	Curb & Gutter	Curb	PCR
			NO CURB AND	CONCRETE	
0	0	0	GUTTER	CURB	GOOD/90

^{*} Lane miles are based on 11' lane widths







MERCANTILE DUMP STATION B ADJACENT TO ROUTE 0222 (MERCANTILE ACCESS ROAD) ON LEFT

Subcomponent Record

Route	Public /					
Number	NonPublic	Date Visited	Area (sq ft)	Lane Miles *	Surface Type	
0971BZ	PUBLIC	7/5/2010	4,763	0.08	AS	
Culverts	Drop Inlets	Gates	Curb & Gutter	Curb	PCR	
			NO CURB AND	CONCRETE		
0	0	0	GUTTER	CURB	GOOD/90	

^{*} Lane miles are based on 11' lane widths







Rte 0222

Rte 0971BZ

Rte 0971AZ

Rte 0972

Rte 0423





MERCANTILE STORE PARKING AREA FROM ROUTE 0222 (MERCANTILE ACCESS ROAD) TO ROUTE 0222 (MERCANTILE ACCESS ROAD)

Route	Public /				
Number	NonPublic	Date Visited	Date Visited		Surface Type
0972	PUBLIC	7/3/2010	20,820	0.36	AS
Culverts	Drop Inlets	Gates	Curb & Gutter	Curb & Gutter Curb	
			NO CURB AND		
0	0	0	GUTTER	WOOD CURB	GOOD/90

^{*} Lane miles are based on 11' lane widths





Rte 0971BZ Rte 0971AZ

Rte 0972

Rte 0423





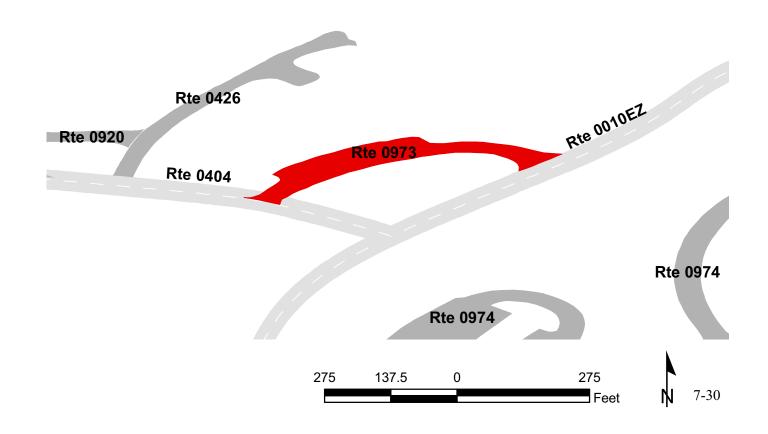
MURIE SCIENCE AND LEARNING CENTER PARKING FROM ROUTE 0010EZZ (DENALI PARK ROADS - EAST) TO ROUTE 0404 (FRONTCOUNTRY WATER SUPPLY ROAD)

Route	Public /				
Number	NonPublic	Date Visited	Area (sq ft)	Lane Miles *	Surface Type
0973	PUBLIC	7/5/2010	10,486	0.18	AS
Culverts	Drop Inlets	Gates	Curb & Gutter	Curb	PCR
			NO CURB AND		
0	0	0	GUTTER	NO CURB	GOOD/90

^{*} Lane miles are based on 11' lane widths







DENALI VISITOR CENTER PARKING

FROM ROUTE 0010EZZ (DENALI PARK ROADS - EAST)
TO ROUTE 0010EZZ (DENALI PARK ROADS - EAST) AT MP 1.66 ON LEFT

Route	Public /				
Number	NonPublic	Date Visited	Area (sq ft)	Lane Miles *	Surface Type
0974	PUBLIC	7/5/2010	178,080	3.07	AS
Culverts	Drop Inlets	Gates	Curb & Gutter Curb		PCR
			NO CURB AND		
6	0	0	GUTTER	NO CURB	GOOD/90

^{*} Lane miles are based on 11' lane widths







Rte 0974
Rte 0427 Rte 0010EOZ



MOUNTAIN VISTA LOOP ROAD PARKING FROM ROUTE 0224 (MOUNTAIN VISTA LOOP ROAD) TO ROUTE 0224 (MOUNTAIN VISTA LOOP ROAD)

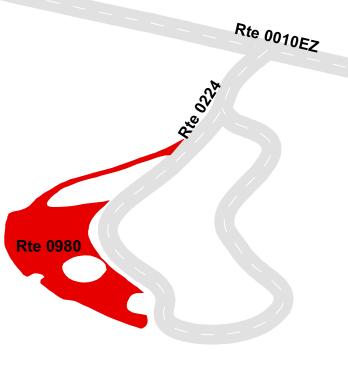
Route	Public /				
Number	NonPublic	Date Visited	Area (sq ft)	Lane Miles *	Surface Type
0980	PUBLIC	7/3/2010	27,433	0.47	AS
Culverts	Drop Inlets	Gates	Curb & Gutter	Curb	PCR
			NO CURB AND		
0	0	0	GUTTER	NO CURB	GOOD/90

^{*} Lane miles are based on 11' lane widths









320

RANGER CACHE PARKING ADJACENT TO ROUTE 0407ZZ

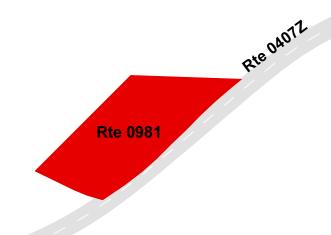
Route	Public /					
Number	NonPublic	Date Visited	Visited Area (sq ft)		Surface Type	
0981	NONPUBLIC	7/3/2010	1,229	0.02	AS	
Culverts	Drop Inlets	Gates	Curb & Gutter	Curb	PCR	
			NO CURB AND			
0	0	0	GUTTER	NO CURB	FAIR/73	

^{*} Lane miles are based on 11' lane widths





Rte 0407AZ



Section 8 Parkwide/Route Maintenance Features Summaries



Denali National Park and Preserve



DENA: PARKWIDE MAINTENANCE FEATURES SUMMARY Includes DCV, MRL, MRP & PKG routes collected in Cycle-5

Notice: Culverts and drop inlets were NOT marked by NPS in Cycle 5 along DCV driven routes, therefore the culvert, drop inlet, and gate counts below reflect only the Manually Rated Routes and Paved Parking areas collected in Cycle 5.

FEATURE	LINEAR FEET	COUNT		
BRIDGE		12		
CATTLE GUARD		0		
CULVERT		8		
CURB	820			
DROP INLET		3		
GATE		12		
GUARD/GUIDE RAIL	5,234			
CABLE	0			
NON-CABLE	5,234			
GUARD/GUIDE WALL	966			
BOLLARD	127			
TEMPORARY BARRIER	0			
NON TEMP/BOLLARD	839			
INTERSECTION		239		
LOW WATER CROSSING	164	2		
MILE MARKER		0		
OVERPASS		0		
PARK BOUNDARY		0		
PAVED DITCH	0			
PULLOUT	3,025	10		
RAILROAD CROSSING		1		
RETAINING WALL	0	0		
SIGN		394		
STATE BOUNDARY		0		
TRAFFIC LIGHT		5		
TUNNEL	0	0		

DENA: DCV ROUTE MAINTENANCE FEATURES SUMMARY

FEATURE	ROUTE 0010EZZ DENALI PARK ROADS - EAST	ROUTE 0010W DENALI PARK ROAD - WEST	ROUTE 0100 RILEY CREEK CAMPGROUND ACCESS ROAD	ROUTE 0200A RILEY CREEK CAMPGROUND LOOP 1	ROUTE 0200B RILEY CREEK CAMPGROUND LOOP 2	ROUTE 0201 WILDERNESS ACCESS CENTER ACCESS ROAD	UNIT
BRIDGE	6	6	0	0	0	0	EACH
CATTLE GUARD	0	0	0	0	0	0	EACH
CULVERT	0	0	0	0	0	0	EACH
CURB	164	0	0	0	0	11	LINEAR FEET
DROP INLET	0	0	0	0	0	0	EACH
GATE	3	2	0	3	1	0	EACH
GUARD/GUIDE RAIL	2,171	3,063	0	0	0	0	LINEAR FEET
CABLE	0	0	0	0	0	0	LINEAR FEET
NON-CABLE	2,171	3,063	0	0	0	0	LINEAR FEET
GUARD/GUIDE WALL	327	333	37	0	137	0	LINEAR FEET
BOLLARD	0	0	37	0	0	0	LINEAR FEET
TEMPORARY BARRIER	0	0	0	0	0	0	LINEAR FEET
NON TEMP/BOLLARD	327	333	0	0	137	0	LINEAR FEET
INTERSECTION	51	43	11	10	4	7	EACH
LOW WATER CROSSING	0	2	0	0	0	0	EACH
LOW WATER CROSSING	0	164	0	0	0	0	LINEAR FEET
MILE MARKER	0	0	0	0	0	0	EACH
OVERPASS	0	0	0	0	0	0	EACH
PARK BOUNDARY	0	0	0	0	0	0	EACH
PAVED DITCH	0	0	0	0	0	0	LINEAR FEET
PULLOUT	10	0	0	0	0	0	EACH
PULLOUT	3,025	0	0	0	0	0	LINEAR FEET
RAILROAD CROSSING	1	0	0	0	0	0	EACH
RETAINING WALL	0	0	0	0	0	0	EACH
RETAINING WALL	0	0	0	0	0	0	LINEAR FEET
SIGN	183	82	8	14	5	10	EACH
STATE BOUNDARY	0	0	0	0	0	0	EACH
TRAFFIC LIGHT	5	0	0	0	0	0	EACH
TUNNEL	0	0	0	0	0	0	EACH
TUNNEL	0	0	0	0	0	0	LINEAR FEET

Notice: Culverts and drop inlets were NOT marked by NPS in Cycle 5. However a culvert could appear below if it has a BIP structure number associated with it.

DENA: DCV ROUTE MAINTENANCE FEATURES SUMMARY

FEATURE	ROUTE 0203 HEADOUARTERS ACCESS ROAD	ROUTE 0222 MERCANTILE ACCESS ROAD	ROUTE 0223ZZ DEPOT ACCESS ROADS	ROUTE 0224 MOUNTAIN VISTA LOOP ROAD	ROUTE 0404 FRONT COUNTRY WATER SUPPLY ROAD	ROUTE 0405 C CAMP RESIDENCE AND MAINTENANCE ROAD	UNIT
BRIDGE	0	0	0	0	0	0	EACH
CATTLE GUARD	0	0	0	0	0	0	EACH
CULVERT	0	0	0	0	0	0	EACH
CURB	0	481	69	0	0	0	LINEAR FEET
DROP INLET	0	0	0	0	0	0	EACH
GATE	1	0	0	0	0	0	EACH
GUARD/GUIDE RAIL	0	0	0	0	0	0	LINEAR FEET
CABLE	0	0	0	0	0	0	LINEAR FEET
NON-CABLE	0	0	0	0	0	0	LINEAR FEET
GUARD/GUIDE WALL	0	0	132	0	0	0	LINEAR FEET
BOLLARD	0	0	90	0	0	0	LINEAR FEET
TEMPORARY BARRIER	0	0	0	0	0	0	LINEAR FEET
NON TEMP/BOLLARD	0	0	42	0	0	0	LINEAR FEET
INTERSECTION	11	17	20	9	9	10	EACH
LOW WATER CROSSING	0	0	0	0	0	0	EACH
LOW WATER CROSSING	0	0	0	0	0	0	LINEAR FEET
MILE MARKER	0	0	0	0	0	0	EACH
OVERPASS	0	0	0	0	0	0	EACH
PARK BOUNDARY	0	0	0	0	0	0	EACH
PAVED DITCH	0	0	0	0	0	0	LINEAR FEET
PULLOUT	0	0	0	0	0	0	EACH L DIE A DIE EEET
PULLOUT CROSSING	0	0	0	0	0	0	LINEAR FEET
RAILROAD CROSSING	0	0	0	0	0	0	EACH EACH
RETAINING WALL	0	0	0			0	
RETAINING WALL	7	0	<u>0</u> 17	6	0	0	LINEAR FEET
SIGN STATE BOUNDARY	0	24 0	0	0	15 0	0	EACH EACH
TRAFFIC LIGHT	0	0	0	0	0	0	EACH
TUNNEL	0	0	0	0	0	0	EACH
TUNNEL	0	0	0	0	0	0	LINEAR FEET
IUNNEL	U	U	U	U	U	U	LINEAR FEET

Notice: Culverts and drop inlets were NOT marked by NPS in Cycle 5. However a culvert could appear below if it has a BIP structure number associated with it.

DENA: DCV ROUTE MAINTENANCE FEATURES SUMMARY

FEATURE	ROUTE 0407ZZ	HEADQUARTERS HOUSING AREA ROADS ROUTE 0408	HEADQUARTERS ADMINISTRATION ACCESS ROAD	ROUTE 0423 MERCANTILE SERVICE ROAD	UNIT
BRIDGE	0	0	0)	EACH
CATTLE GUARD	0	0	0)	EACH
CULVERT	0	0	0)	EACH
CURB	95	0	0		LINEAR FEET
DROP INLET	0	0	0)	EACH
GATE	0	1	0		EACH
GUARD/GUIDE RAIL	0	0	0		LINEAR FEET
CABLE	0	0	0		LINEAR FEET
NON-CABLE	0	0	0		LINEAR FEET
GUARD/GUIDE WALL	0	0	0		LINEAR FEET
BOLLARD	0	0	0		LINEAR FEET
TEMPORARY BARRIER	0	0	0)	LINEAR FEET
NON TEMP/BOLLARD	0	0	0		LINEAR FEET
INTERSECTION	20	9	8		EACH
LOW WATER CROSSING	0	0	0		EACH
LOW WATER CROSSING	0	0	0		LINEAR FEET
MILE MARKER	0	0	0		EACH
OVERPASS	0	0	0		EACH
PARK BOUNDARY	0	0	0)	EACH
PAVED DITCH	0	0	0		LINEAR FEET
PULLOUT	0	0	0		EACH
PULLOUT	0	0	0)	LINEAR FEET
RAILROAD CROSSING	0	0	0		ЕАСН
RETAINING WALL	0	0	0		EACH
RETAINING WALL	0	0	0		LINEAR FEET
SIGN	11	5	4		EACH
STATE BOUNDARY	0	0	0		EACH
TRAFFIC LIGHT	0	0	0		EACH
TUNNEL	0	0	0		EACH
TUNNEL	0	0	0)	LINEAR FEET

Notice: Culverts and drop inlets were NOT marked by NPS in Cycle 5. However a culvert could appear below if it has a BIP structure number associated with it.

DENA: STRUCTURE LIST

ROUTE	FUNCTIONAL	MILEPOST	MILEPOST		STRUCTURE
NUMBER	CLASS	START	END	FEATURE	NUMBER
0010EZ	1	3.271	3.293	BRIDGE	9830-001
0010EZ	1	14.772	14.830	BRIDGE	9830-005
0010EZ	1	22.764	22.801	BRIDGE	9830-007
0010EZ	1	31.239	31.302	BRIDGE	9830-008
0010EZ	1	34.071	34.085	BRIDGE	9830-009
0010EZ	1	36.995	37.000	BRIDGE	9830-010
0010W	1	42.009	42.032	BRIDGE	9830-011
0010W	1	43.331	43.383	BRIDGE	9830-012
0010W	1	53.108	53.189	BRIDGE	9830-013
0010W	1	53.413	53.494	BRIDGE	9830-014
0010W	1	60.520	60.539	BRIDGE	9830-015
0010W	1	89.057	89.090	BRIDGE	9830-016

Section 9 Route Maintenance Features Road Logs



Denali National Park and Preserve



ROUTE 0010EZ: DENALI PARK ROAD - EAST

Notice: Notice: Culverts and drop inlets were NOT marked by NPS nor inventoried by RIP in Cycle 5 on the DCV driven routes. Therefore no culverts or drop inlets are reported in Section 9, unless a culvert has a BIP structure number attached to it.

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.000	0.000	ROUTE BEGIN	N/A	FROM ROUTE 5000 (GEORGE PARK HIGHWAY)
0.000	0.000	INTERSECTION	RIGHT	ROUTE 5000 (GEORGE PARK HIGHWAY)
0.000	0.000	SIGN	N/A	GUIDE, ANCHORAGE FAIRBANKS
0.000	0.000	INTERSECTION	LEFT	ROUTE 5000 (GEORGE PARK HIGHWAY)
0.009	0.009	SIGN	LEFT	REGULATORY, STOP
0.035	0.035	INTERSECTION	RIGHT	ROUTE 0903 (ENTRANCE AREA PARKING)
0.067	0.067	INTERSECTION	RIGHT	ROUTE 0903 (ENTRANCE AREA PARKING)
0.088	0.088	SIGN	RIGHT	GUIDE, DENALI NATIONAL PARK AND PRESERVE
0.088	0.088	SIGN	RIGHT	GUIDE, NATIONAL PARK SERVICE
0.126	0.126	SIGN	RIGHT	REGULATORY, SPEED LIMIT 35
0.179	0.179	SIGN	LEFT	WARNING, GRAPHIC SIGN NO TEXT
0.194	0.194	SIGN	RIGHT	GUIDE, CAMPGROUND REGISTRATION 0.2 BUS TICKETS AND BOARDING 0.6 VISITOR CENTER CAMPUS 1.2 PARK HEADQUARTER
0.207	0.207	SIGN	RIGHT	GUIDE, REPLACE WASTEWATER TREATMENT FACILITY & REHABILITATE COLLECTION SYSTEM DENA 23409
0.221	0.221	INTERSECTION	RIGHT	ROUTE 0401 (FRONTCOUNTRY SEWAGE LAGOON ROAD)
0.226	0.226	SIGN	LEFT	GUIDE, POST OFFICE
0.226	0.226	SIGN	LEFT	GUIDE, POST OFFICE
0.229	0.229	INTERSECTION	LEFT	UNPAVED ROUTE (POST OFFICE ACCESS)
0.381	0.381	SIGN	RIGHT	GUIDE, RILEY CREEK MERCANTILE RILEY CREEK CAMPGROUND CAMPGROUND CHECK IN
0.420	0.420	INTERSECTION	LEFT	ROUTE 0222 (MERCANTILE ACCESS ROAD)
0.420	0.420	SIGN	RIGHT	GUIDE, BUS TICKETS AND BOARDING VISITOR CENTER CAMPUS PARK EXIT
0.430	0.430	INTERSECTION	LEFT	ROUTE 0222 (MERCANTILE ACCESS ROAD)
0.463	0.463	SIGN	RIGHT	WARNING, GRAPHIC SIGN NO TEXT
0.470	0.470	SIGN	LEFT	WARNING, GRAPHIC SIGN NO TEXT
0.516	0.516	SIGN	LEFT	GUIDE, RILEY CREEK ALL CAMPGROUND REGISTRATION RV DUMPSTATION MERCANTILE
0.644	0.644	SIGN	RIGHT	WARNING, GRAPHIC SIGN NO TEXT
0.651	0.651	SIGN	LEFT	WARNING, GRAPHIC SIGN NO TEXT

ROUTE 0010EZ: DENALI PARK ROAD - EAST

Notice: Notice: Culverts and drop inlets were NOT marked by NPS nor inventoried by RIP in Cycle 5 on the DCV driven routes. Therefore no culverts or drop inlets are reported in Section 9, unless a culvert has a BIP structure number attached to it.

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.694	0.694	SIGN	RIGHT	GUIDE, WILDERNESS ACCESS CENTER BUS TICKETS AND BOARDING BACKCOUNTRY PERMITS OPEN MID-MAY TO MID SEPT
0.746	0.746	INTERSECTION	RIGHT	ROUTE 0201 (WILDERNESS ACCESS CENTER ACCESS ROAD)
0.875	0.875	SIGN	LEFT	GUIDE, RILEY CREEK CAMPGROUND AND MERCANTILE WILDERNESS ACCESS CENTER BUS TICKETS AND BOARDING BACKCOUNTRY
1.055	1.055	SIGN	RIGHT	GUIDE, COMMERCIAL TOUR VEHICLES PROHIBITED BEYOND VISITOR CENTER
1.114	1.114	SIGN	RIGHT	WARNING, RXR
1.116	1.116	SIGN	LEFT	REGULATORY, SPEED LIMIT 35
1.133	1.133	SIGN	RIGHT	WARNING, GRAPHIC SIGN NO TEXT
1.133	1.133	SIGN	RIGHT	WARNING, WALK BIKES
1.145	1.145	INTERSECTION	LEFT	ROUTE 0402 (AIRSTRIP ACCESS ROAD)
1.173	1.173	SIGN	RIGHT	WARNING, GRAPHIC SIGN NO TEXT
1.177	1.177	TRAFFIC LIGHT	RIGHT	N/A
1.177	1.177	TRAFFIC LIGHT	RIGHT	N/A
1.177	1.177	SIGN	RIGHT	REGULATORY, RAIL ROAD CROSSING
1.177	1.177	SIGN	RIGHT	REGULATORY, WALK BIKE ACROSS TRACKS
1.181	1.181	RAILROAD CROSSING	N/A	N/A
1.181	1.181	SIGN	LEFT	WARNING, GRAPHIC SIGN NO TEXT
1.190	1.190	SIGN	LEFT	REGULATORY, RAIL ROAD CROSSING
1.190	1.190	SIGN	LEFT	REGULATORY, WALK BIKE ACROSS TRACKS
1.190	1.190	TRAFFIC LIGHT	LEFT	N/A
1.190	1.190	TRAFFIC LIGHT	LEFT	N/A
1.195	1.195	INTERSECTION	RIGHT	ROUTE 0957 (HORSESHOE LAKE TRAILHEAD PARKING)
1.222	1.222	SIGN	LEFT	WARNING, WALK BIKES
1.222	1.222	SIGN	LEFT	WARNING, GRAPHIC SIGN NO TEXT
1.230	1.230	SIGN	RIGHT	REGULATORY, SPEED LIMIT 25
1.250	1.250	SIGN	LEFT	WARNING, RXR
1.250	1.250	TRAFFIC LIGHT	LEFT	N/A

ROUTE 0010EZ: DENALI PARK ROAD - EAST

<u>Notice:</u> Notice: Culverts and drop inlets were NOT marked by NPS nor inventoried by RIP in Cycle 5 on the DCV driven routes. Therefore no culverts or drop inlets are reported in Section 9, unless a culvert has a BIP structure number attached to it.

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
1.339	1.339	SIGN	RIGHT	GUIDE, VISITOR CENTER CAMPUS RAILROAD DEPOT PARK ROAD
1.385	1.385	SIGN	RIGHT	WARNING, 15 M.P.H.
1.385	1.385	SIGN	RIGHT	WARNING, GRAPHIC SIGN NO TEXT
1.399	1.409	CURB-AND-GUTTER	N/A	N/A
1.400	1.400	INTERSECTION	LEFT	ROUTE 0010EOZ (DENALI PARK ROAD - EAST OPPOSITE DIRECTION AT ROUNDABOUT)
1.404	1.404	SIGN	N/A	REGULATORY, GRAPHIC SIGN NO TEXT
1.409	1.418	CURB-AND-GUTTER	LEFT	N/A
1.411	1.411	SIGN	LEFT	REGULATORY, ONE WAY
1.412	1.412	INTERSECTION	LEFT	ROUTE 0010EOZ (DENALI PARK ROAD - EAST OPPOSITE DIRECTION AT ROUNDABOUT)
1.413	1.413	SIGN	RIGHT	GUIDE, MURIE SCIENCE AND LEARNING CENTER PARK ROAD
1.417	1.417	INTERSECTION	LEFT	ROUTE 0010EOZ (DENALI PARK ROAD - EAST OPPOSITE DIRECTION AT ROUNDABOUT)
1.421	1.433	CURB-AND-GUTTER	N/A	N/A
1.428	1.428	SIGN	N/A	REGULATORY, GRAPHIC SIGN NO TEXT
1.433	1.433	INTERSECTION	LEFT	ROUTE 0010EOZ (DENALI PARK ROAD - EAST OPPOSITE DIRECTION AT ROUNDABOUT)
1.446	1.446	SIGN	LEFT	WARNING, 15 M.P.H.
1.446	1.446	SIGN	LEFT	WARNING, GRAPHIC SIGN NO TEXT
1.460	1.460	SIGN	RIGHT	REGULATORY, SPEED LIMIT 25
1.461	1.461	SIGN	LEFT	GUIDE, RAILROAD DEPOT PARK EXIT VISITOR CENTER CAMPUS
1.476	1.476	SIGN	RIGHT	GUIDE, MURIE SCIENCE AND LEARNING CENTER
1.493	1.493	SIGN	LEFT	GUIDE, MURIE SCIENCE AND LEARNING CENTER
1.497	1.497	INTERSECTION	RIGHT	ROUTE 0973 (MURIE SCIENCE AND LEARNING CENTER PARKING)
1.503	1.503	SIGN	RIGHT	REGULATORY, ONE WAY
1.504	1.504	SIGN	RIGHT	WARNING, GRAPHIC SIGN NO TEXT
1.507	1.507	SIGN	LEFT	WARNING, GRAPHIC SIGN NO TEXT
1.508	1.530	PULLOUT	LEFT	N/A
1.524	1.524	SIGN	RIGHT	GUIDE, DOYON/ ARAMARK RECEIVING SERVICE ROAD ONLY

ROUTE 0010EZ: DENALI PARK ROAD - EAST

Notice: Notice: Culverts and drop inlets were NOT marked by NPS nor inventoried by RIP in Cycle 5 on the DCV driven routes. Therefore no culverts or drop inlets are reported in Section 9, unless a culvert has a BIP structure number attached to it.

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
1.538	1.538	INTERSECTION	RIGHT	ROUTE 0404 (FRONT COUNTRY WATER SUPPLY ROAD)
1.618	1.618	SIGN	RIGHT	WARNING, GRAPHIC SIGN NO TEXT
1.623	1.623	SIGN	LEFT	WARNING, GRAPHIC SIGN NO TEXT
1.628	1.628	SIGN	RIGHT	GUIDE, PERMIT REQUIRED FOR COMMERCIAL VEHICLES BEYOND THIS POINT
1.643	1.643	SIGN	RIGHT	GUIDE, VISITOR CENTER CAMPUS
1.668	1.668	INTERSECTION	LEFT	ROUTE 0974 (DENALI VISITOR CENTER PARKING)
1.668	1.668	SIGN	RIGHT	GUIDE, SAVAGE RIVER PARK ROAD PARK EXIT
1.690	1.690	SIGN	RIGHT	WARNING, GRAPHIC SIGN NO TEXT
1.700	1.700	SIGN	LEFT	WARNING, GRAPHIC SIGN NO TEXT
1.725	1.725	SIGN	LEFT	GUIDE, VISITOR CENTER CAMPUS
1.757	1.757	SIGN	RIGHT	REGULATORY, SPEED LIMIT 35
1.777	1.777	SIGN	LEFT	REGULATORY, SPEED LIMIT 25
1.952	1.952	SIGN	LEFT	WARNING, GRAPHIC SIGN NO TEXT
2.134	2.134	SIGN	RIGHT	REGULATORY, SPEED LIMIT 35
2.147	2.147	SIGN	LEFT	REGULATORY, SPEED LIMIT 35
2.295	2.295	SIGN	LEFT	REGULATORY, NO STOPPING ANY TIME
2.360	2.360	SIGN	LEFT	REGULATORY, NO STOPPING ANY TIME
2.407	2.407	SIGN	LEFT	REGULATORY, NO STOPPING ANY TIME
2.665	2.665	SIGN	LEFT	WARNING, GRAPHIC SIGN NO TEXT
2.665	2.665	SIGN	LEFT	WARNING, 10% GRADE
2.665	2.665	SIGN	LEFT	WARNING, 25 M.P.H.
2.975	2.975	SIGN	RIGHT	REGULATORY, SPEED LIMIT 25
2.980	2.980	SIGN	LEFT	REGULATORY, SPEED LIMIT 35
2.996	2.996	SIGN	RIGHT	GUIDE, C- CAMP EMPLOYEE HOUSING
2.996	2.996	SIGN	RIGHT	GUIDE, RECEIVING
3.047	3.047	INTERSECTION	RIGHT	ROUTE 0405 (C CAMP RESIDENCE AND MAINTENANCE ROAD
3.055	3.055	SIGN	RIGHT	GUIDE, CONSTRUCT A NEW EMERGENCY SERVICE BUILDING & REHABILITATE UTILITIES
3.078	3.078	SIGN	LEFT	WARNING, GRAPHIC SIGN NO TEXT
3.219	3.219	INTERSECTION	RIGHT	ROUTE 0406 (ROCK CREEK PUMP HOUSE ROAD)

ROUTE 0010EZ: DENALI PARK ROAD - EAST

Notice: Notice: Culverts and drop inlets were NOT marked by NPS nor inventoried by RIP in Cycle 5 on the DCV driven routes. Therefore no culverts or drop inlets are reported in Section 9, unless a culvert has a BIP structure number attached to it.

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
3.227	3.227	SIGN	RIGHT	GUIDE, SERVICE ROAD ONLY
3.266	3.270	GUARD/GUIDE WALL	LEFT	N/A
3.270	3.273	GUARD/GUIDE WALL	RIGHT	N/A
3.270	3.293	GUARD/GUIDE RAIL	LEFT	N/A
3.270	3.270	SIGN	RIGHT	GUIDE, ROCK CREEK ELEV 2030
3.271	3.293	BRIDGE	N/A	9830-001 (ROCK CREEK BRIDGE)
3.273	3.293	GUARD/GUIDE RAIL	RIGHT	N/A
3.293	3.300	GUARD/GUIDE WALL	LEFT	N/A
3.293	3.300	GUARD/GUIDE WALL	RIGHT	N/A
3.300	3.300	SIGN	LEFT	GUIDE, ROCK CREEK ELEV 2030
3.325	3.325	INTERSECTION	LEFT	ROUTE 0407Z (HEADQUARTERS HOUSING AREA ROAD)
3.332	3.332	SIGN	RIGHT	WARNING, GRAPHIC SIGN NO TEXT
3.340	3.340	SIGN	LEFT	WARNING, GRAPHIC SIGN NO TEXT
3.381	3.381	INTERSECTION	LEFT	ROUTE 0203 (HEADQUARTERS ACCESS ROAD)
3.394	3.394	SIGN	LEFT	GUIDE, HEADOUARTERS
3.415	3.415	INTERSECTION	LEFT	ROUTE 0910 (HEADQUARTERS FLAGPOLE SHUTTLE STOP PARKING)
3.425	3.425	INTERSECTION	RIGHT	ROUTE 0410 (ROCK CREEK RESERVOIR ROAD)
3.432	3.432	GATE	N/A	N/A
3.432	3.432	SIGN	LEFT	WARNING, GRAPHIC SIGN NO TEXT
3.432	3.432	SIGN	RIGHT	WARNING, GRAPHIC SIGN NO TEXT
3.433	3.433	SIGN	RIGHT	REGULATORY, ROAD CLOSED
3.479	3.479	SIGN	LEFT	WARNING, GRAPHIC SIGN NO TEXT
3.527	3.527	SIGN	LEFT	WARNING, GRAPHIC SIGN NO TEXT
3.600	3.600	INTERSECTION	LEFT	ROUTE 0408 (HEADQUARTERS ADMINISTRATION ACCESS ROAD)
3.617	3.617	SIGN	RIGHT	REGULATORY, SPEED LIMIT 35
3.627	3.627	SIGN	LEFT	REGULATORY, SPEED LIMIT
3.627	3.627	SIGN	LEFT	REGULATORY, SPEED LIMIT 25
3.693	3.693	SIGN	LEFT	WARNING, GRAPHIC SIGN NO TEXT
4.610	4.639	PULLOUT	LEFT	N/A

ROUTE 0010EZ: DENALI PARK ROAD - EAST

Notice: Notice: Culverts and drop inlets were NOT marked by NPS nor inventoried by RIP in Cycle 5 on the DCV driven routes. Therefore no culverts or drop inlets are reported in Section 9, unless a culvert has a BIP structure number attached to it.

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
4.856	4.856	SIGN	RIGHT	WARNING, GRAPHIC SIGN NO TEXT
4.856	4.856	SIGN	RIGHT	WARNING, 25 M.P.H.
5.035	5.035	SIGN	LEFT	WARNING, 25 M.P.H.
5.035	5.035	SIGN	LEFT	WARNING, GRAPHIC SIGN NO TEXT
5.363	5.441	PULLOUT	LEFT	N/A
5.629	5.629	INTERSECTION	RIGHT	ROUTE 0939 (FIVE MILE PIT STORAGE AREA)
6.174	6.174	SIGN	LEFT	WARNING, GRAPHIC SIGN NO TEXT
6.174	6.174	SIGN	LEFT	WARNING, NEXT 2 MILES
6.867	6.867	SIGN	RIGHT	WARNING, GRAPHIC SIGN NO TEXT
7.011	7.011	INTERSECTION	RIGHT	ROUTE 0940 (SEVEN MILE PIT STORAGE AREA)
7.180	7.287	PULLOUT	LEFT	N/A
7.333	7.333	SIGN	LEFT	WARNING, GRAPHIC SIGN NO TEXT
7.677	7.726	PULLOUT	LEFT	N/A
8.188	8.188	SIGN	RIGHT	REGULATORY, SPEED LIMIT 35
8.451	8.451	SIGN	LEFT	REGULATORY, SPEED LIMIT 35
8.941	9.008	PULLOUT	LEFT	N/A
10.136	10.202	PULLOUT	RIGHT	N/A
10.543	10.616	PULLOUT	LEFT	N/A
10.828	10.862	PULLOUT	RIGHT	N/A
11.785	11.785	INTERSECTION	LEFT	ROUTE 0932 (SAVAGE RIVER VIEWPOINT PARKING)
12.566	12.566	SIGN	LEFT	REGULATORY, SPEED LIMIT 35
12.597	12.597	SIGN	RIGHT	REGULATORY, SPEED LIMIT 25
12.650	12.650	SIGN	RIGHT	WARNING, GRAPHIC SIGN NO TEXT
12.677	12.677	INTERSECTION	LEFT	ROUTE 0224 (MOUNTAIN VISTA LOOP ROAD)
12.715	12.715	SIGN	RIGHT	WARNING, GRAPHIC SIGN NO TEXT
12.755	12.755	INTERSECTION	LEFT	UNPAVED ROUTE
12.779	12.779	SIGN	RIGHT	GUIDE, DENALI NATIONAL PARK AND PRESERVE SAVAGE RIVER CAMPGROUND ELEV. 2780 MILE 12.8
12.790	12.790	INTERSECTION	LEFT	ROUTE 0204 (SAVAGE RIVER CAMPGROUND ACCESS ROAD)
12.794	12.794	INTERSECTION	RIGHT	ROUTE 0930 (SAVAGE RIVER CAMPGROUND SHUTTLE STOP PARKING)

ROUTE 0010EZ: DENALI PARK ROAD - EAST

Notice: Notice: Culverts and drop inlets were NOT marked by NPS nor inventoried by RIP in Cycle 5 on the DCV driven routes. Therefore no culverts or drop inlets are reported in Section 9, unless a culvert has a BIP structure number attached to it.

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
12.864	12.864	SIGN	LEFT	WARNING, GRAPHIC SIGN NO TEXT
12.936	12.936	SIGN	RIGHT	GUIDE, SAVAGE CABIN INTERPRETIVE TRAIL
12.961	12.961	SIGN	RIGHT	GUIDE, GRAPHIC SIGN NO TEXT
12.982	12.982	INTERSECTION	RIGHT	ROUTE 0931 (SAVAGE CABIN TRAILHEAD PARKING)
12.994	12.994	SIGN	RIGHT	GUIDE, GRAPHIC SIGN NO TEXT
12.995	12.995	SIGN	RIGHT	GUIDE, GRAPHIC SIGN NO TEXT
13.020	13.020	SIGN	RIGHT	GUIDE, GRAPHIC SIGN NO TEXT
13.046	13.046	SIGN	LEFT	WARNING, GRAPHIC SIGN NO TEXT
13.066	13.066	SIGN	LEFT	REGULATORY, SPEED LIMIT 25
13.067	13.067	SIGN	RIGHT	REGULATORY, SPEED LIMIT 35
13.715	13.715	SIGN	RIGHT	WARNING, GRAPHIC SIGN NO TEXT
13.831	13.831	SIGN	RIGHT	WARNING, 25 M.P.H.
13.831	13.831	SIGN	RIGHT	WARNING, ROUGH ROAD
14.126	14.126	SIGN	LEFT	WARNING, 25 M.P.H.
14.126	14.126	SIGN	LEFT	WARNING, ROUGH ROAD
14.250	14.298	PULLOUT	LEFT	N/A
14.704	14.704	SIGN	RIGHT	GUIDE, ROAD TRAVEL PERMIT REQUIRED BEYOND THIS POINT
14.704	14.704	SIGN	RIGHT	GUIDE, TURNAROUND AREA
14.725	14.725	INTERSECTION	RIGHT	ROUTE 0906 (SAVAGE RIVER EAST PARKING)
14.770	14.770	SIGN	RIGHT	GUIDE, SAVAGE RIVER ELEVATION 2780
14.772	14.831	GUARD/GUIDE RAIL	RIGHT	N/A
14.772	14.831	GUARD/GUIDE RAIL	LEFT	N/A
14.772	14.772	GATE	N/A	N/A
14.772	14.830	BRIDGE	N/A	9830-005 (SAVAGE RIVER BRIDGE)
14.773	14.773	SIGN	RIGHT	REGULATORY, ROAD CLOSED
14.832	14.832	SIGN	LEFT	GUIDE, SAVAGE RIVER ELEVATION 2780
14.837	14.837	SIGN	LEFT	REGULATORY, STOP
14.839	14.839	SIGN	LEFT	REGULATORY, STOP
14.842	14.842	SIGN	RIGHT	GUIDE, SAVAGE STATION

ROUTE 0010EZ: DENALI PARK ROAD - EAST

Notice: Notice: Culverts and drop inlets were NOT marked by NPS nor inventoried by RIP in Cycle 5 on the DCV driven routes. Therefore no culverts or drop inlets are reported in Section 9, unless a culvert has a BIP structure number attached to it.

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
14.842	14.842	SIGN	RIGHT	REGULATORY, STOP
14.846	14.846	SIGN	RIGHT	REGULATORY, STOP
14.851	14.851	INTERSECTION	RIGHT	ROUTE 0907 (SAVAGE RIVER WEST PARKING)
14.965	14.965	SIGN	LEFT	WARNING, GRAPHIC SIGN NO TEXT
15.178	15.178	SIGN	LEFT	WARNING, GRAPHIC SIGN NO TEXT
15.178	15.178	SIGN	LEFT	WARNING, 25 M.P.H.
17.199	17.199	INTERSECTION	LEFT	ROUTE 0908A (OLD PRIMROSE PARKING A)
17.286	17.286	INTERSECTION	LEFT	ROUTE 0908B (OLD PRIMROSE PARKING B)
17.363	17.363	SIGN	LEFT	WARNING, GRAPHIC SIGN NO TEXT
18.475	18.475	SIGN	RIGHT	WARNING, 25 M.P.H.
18.475	18.475	SIGN	RIGHT	WARNING, GRAPHIC SIGN NO TEXT
18.693	18.693	SIGN	LEFT	WARNING, 25 M.P.H.
18.693	18.693	SIGN	LEFT	WARNING, GRAPHIC SIGN NO TEXT
19.684	19.684	INTERSECTION	LEFT	ROUTE 0909 (MILE 20 VISTA PULLOUT AND PARKING)
19.726	19.726	INTERSECTION	LEFT	ROUTE 0909 (MILE 20 VISTA PULLOUT AND PARKING)
21.937	21.937	SIGN	RIGHT	WARNING, GRAPHIC SIGN NO TEXT
22.106	22.106	SIGN	LEFT	WARNING, GRAPHIC SIGN NO TEXT
22.601	22.601	SIGN	RIGHT	REGULATORY, SPEED LIMIT 20
22.601	22.601	SIGN	LEFT	REGULATORY, SPEED LIMIT 35
22.667	22.667	SIGN	LEFT	GUIDE, DENALI NATIONAL PARK AND PRESERVE SANCTUARY CAMPGROUND ELEV. 2468 MILE. 22
22.667	22.667	SIGN	LEFT	GUIDE, DENALI NATIONAL PARK AND PRESERVE SANCTUARY CAMPGROUND ELEV. 2468 MILE. 22
22.677	22.677	INTERSECTION	LEFT	ROUTE 0205 (SANCTUARY CAMPGROUND ACCESS ROAD)
22.678	22.678	SIGN	RIGHT	GUIDE, BUS STOP
22.684	22.684	INTERSECTION	RIGHT	UNPAVED ROUTE
22.758	22.758	SIGN	RIGHT	GUIDE, SANCTUARY RIVER ELEV. 2468
22.759	22.763	GUARD/GUIDE WALL	RIGHT	N/A
22.760	22.766	GUARD/GUIDE WALL	LEFT	N/A
22.763	22.801	GUARD/GUIDE RAIL	RIGHT	N/A
22.764	22.801	BRIDGE	N/A	9830-007 (SANCTUARY RIVER BRIDGE)

ROUTE 0010EZ: DENALI PARK ROAD - EAST

Notice: Notice: Culverts and drop inlets were NOT marked by NPS nor inventoried by RIP in Cycle 5 on the DCV driven routes. Therefore no culverts or drop inlets are reported in Section 9, unless a culvert has a BIP structure number attached to it.

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
22.766	22.803	GUARD/GUIDE RAIL	LEFT	N/A
22.801	22.805	GUARD/GUIDE WALL	RIGHT	N/A
22.803	22.807	GUARD/GUIDE WALL	LEFT	N/A
22.808	22.808	SIGN	LEFT	GUIDE, SANCTUARY RIVER ELEV. 2468
22.891	22.891	SIGN	LEFT	REGULATORY, SPEED LIMIT 20
22.895	22.895	SIGN	RIGHT	REGULATORY, SPEED LIMIT 35
25.836	25.836	INTERSECTION	RIGHT	ROUTE 0942 (OUTER RANGE PARKING)
25.885	25.885	INTERSECTION	RIGHT	ROUTE 0942 (OUTER RANGE PARKING)
27.234	27.234	INTERSECTION	LEFT	UNPAVED ROUTE
28.690	28.690	SIGN	RIGHT	REGULATORY, SPEED LIMIT 20
28.690	28.690	SIGN	LEFT	REGULATORY, SPEED LIMIT 35
29.039	29.039	SIGN	RIGHT	WARNING, GRAPHIC SIGN NO TEXT
29.115	29.115	SIGN	RIGHT	GUIDE, DENALI NATIONAL PARK AND PRESERVE TEKLANIKA CAMPGROUND ELEV. 2580 MI.29.1
29.124	29.124	INTERSECTION	RIGHT	ROUTE 0206 (TEKLANIKA CAMPGROUND ACCESS ROAD)
29.124	29.124	SIGN	LEFT	GUIDE, UNABLE TO READ FROM VIDEO
29.202	29.202	SIGN	LEFT	WARNING, GRAPHIC SIGN NO TEXT
29.314	29.314	SIGN	LEFT	REGULATORY, SPEED LIMIT 20
29.362	29.362	SIGN	RIGHT	REGULATORY, SPEED LIMIT 35
30.051	30.051	SIGN	LEFT	REGULATORY, SPEED LIMIT 35
30.084	30.084	SIGN	RIGHT	REGULATORY, SPEED LIMIT 20
30.189	30.189	SIGN	RIGHT	GUIDE, BEGIN VEHICLE SIZE RESTRICTIONS LANGER THAN 22 LONG 76 WIDE OR 12 HIGH MAY TRAVEL ONLY BETWEEN 10 F
30.252	30.252	INTERSECTION	RIGHT	ROUTE 0911 (TEKLANIKA REST STOP PARKING)
30.321	30.321	INTERSECTION	RIGHT	ROUTE 0911 (TEKLANIKA REST STOP PARKING)
30.327	30.327	SIGN	LEFT	REGULATORY, UNABLE TO READ FROM VIDEO
30.327	30.327	SIGN	LEFT	WARNING, GRAPHIC SIGN NO TEXT
30.329	30.329	SIGN	LEFT	WARNING, GRAPHIC SIGN NO TEXT
30.330	30.330	GATE	N/A	N/A
30.331	30.331	SIGN	RIGHT	WARNING, GRAPHIC SIGN NO TEXT
30.332	30.332	SIGN	RIGHT	REGULATORY, ROAD CLOSED

ROUTE 0010EZ: DENALI PARK ROAD - EAST

Notice: Notice: Culverts and drop inlets were NOT marked by NPS nor inventoried by RIP in Cycle 5 on the DCV driven routes. Therefore no culverts or drop inlets are reported in Section 9, unless a culvert has a BIP structure number attached to it.

30.333 30.333 SIGN RIGHT WARNING, GRAPHIC SIGN NO TEXT	FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
30.443 30.443 SIGN	30.333	30.333	SIGN	RIGHT	WARNING, GRAPHIC SIGN NO TEXT
31.160 31.160 SIGN	30.442	30.442	SIGN	LEFT	REGULATORY, SPEED LIMIT 20
31.234 31.234 SIGN RIGHT GUIDE, REMEMBER STOP FOR BUSES TURN ON HEADLIGHT	30.443	30.443	SIGN	RIGHT	REGULATORY, SPEED LIMIT 35
31.234 31.241 GUARD/GUIDE WALL LEFT N/A 31.235 31.235 SIGN RIGHT GUIDE, TEKLANIKA RIVER ELEV. 2550 31.235 31.240 GUARD/GUIDE WALL RIGHT N/A 31.239 31.302 BRIDGE N/A 9830-008 (TEKLANIKA RIVER BRIDGE) 31.240 31.303 GUARD/GUIDE RAIL RIGHT N/A 31.241 31.303 GUARD/GUIDE RAIL LEFT N/A 31.303 31.306 GUARD/GUIDE WALL LEFT N/A 31.307 31.307 SIGN LEFT GUIDE, TEKLANIKA RIVER ELEV. 2550 31.318 31.318 SIGN RIGHT REGULATORY, SPEED LIMIT 25 33.876 33.876 SIGN LEFT REGULATORY, SPEED LIMIT 25 33.947 33.947 SIGN RIGHT REGULATORY, SPEED LIMIT 20 34.054 34.054 INTERSECTION LEFT ROUTE 0207 (IGLOO CAMPGROUND LOOP) 34.056 34.056 SIGN LEFT GUIDE, DENALI NATIONAL PARK AND PRESERVE IGLOO CREEK CAMPGROUND ELEV. 2940 MILE 33.6 34.070 34.070 SIGN RIGHT GUIDE, DENALI NATIONAL PARK AND PRESERVE IGLOO CREEK CAMPGROUND ELEV. 2940 MILE 33.6 34.071 34.085 BRIDGE N/A 9830-009 (IGLOO CREEK ELEV. 2940 34.071 34.087 GUARD/GUIDE RAIL LEFT N/A 34.088 34.088 SIGN LEFT GUIDE, IGLOO CREEK ELEV. 2940 34.213 34.213 SIGN LEFT REGULATORY, SPEED LIMIT 20 34.213 34.218 SIGN LEFT REGULATORY, SPEED LIMIT 20 34.213 34.213 SIGN LEFT REGULATORY, SPEED LIMIT 20 34.213 34.218 SIGN LEFT REGULATORY, SPEED LIMIT 35 34.213 34.218 SIGN LEFT REGULATORY, SPEED LIMIT 20 34.218 34.218 SIGN RIGHT REGULATORY, SPEED LIMIT 35 34.218 34.218 SIGN RIGHT REGULATORY, SPEED LIMIT 35 34.218 SIGN RIGHT REGULATORY, SPEED LIMIT 35 34.218 SIGN RIGHT REGULATORY, SPEED LIMIT 35 34.218 SIGN RIGHT REGULATORY, SPEED LIMIT 35	31.160	31.160	SIGN	LEFT	REGULATORY, SPEED LIMIT 35
31.235 31.235 31.240 GUARD/GUIDE WALL RIGHT N/A 31.239 31.302 BRIDGE N/A 9830-008 (TEKLANIKA RIVER BRIDGE) 31.240 31.303 GUARD/GUIDE RAIL RIGHT N/A 31.241 31.303 GUARD/GUIDE RAIL LEFT N/A 31.303 31.306 GUARD/GUIDE WALL LEFT N/A 31.303 31.306 GUARD/GUIDE WALL LEFT N/A 31.307 31.307 SIGN LEFT GUIDE, TEKLANIKA RIVER ELEV. 2550 31.318 31.318 SIGN RIGHT REGULATORY, SPEED LIMIT 25 33.876 33.876 SIGN LEFT REGULATORY, SPEED LIMIT 25 33.947 33.947 SIGN RIGHT REGULATORY, SPEED LIMIT 20 34.054 34.054 INTERSECTION LEFT ROUTE 0207 (IGLOO CAMPGROUND LOOP) 34.056 34.056 SIGN LEFT GUIDE, DENALI NATIONAL PARK AND PRESERVE IGLOO CREEK CAMPGROUND ELEV. 2940 MILE 33.6 34.070 34.070 SIGN RIGHT GUIDE, DENALI NATIONAL PARK AND PRESERVE IGLOO CREEK CAMPGROUND ELEV. 2940 MILE 33.6 34.071 34.085 BRIDGE N/A 9830-009 (IGLOO CREEK ELEV. 2940 34.071 34.087 GUARD/GUIDE RAIL LEFT N/A 34.088 34.088 SIGN LEFT GUIDE, IGLOO CREEK ELEV. 2940 34.213 34.213 SIGN LEFT REGULATORY, SPEED LIMIT 20 34.213 34.218 SIGN LEFT REGULATORY, SPEED LIMIT 20 34.218 34.218 SIGN RIGHT REGULATORY, SPEED LIMIT 20 34.218 34.218 SIGN RIGHT REGULATORY, SPEED LIMIT 35	31.234	31.234	SIGN	RIGHT	GUIDE, REMEMBER STOP FOR BUSES TURN ON HEADLIGHTS
31.235 31.240 GUARD/GUIDE WALL RIGHT N/A 31.239 31.302 BRIDGE N/A 9830-008 (TEKLANIKA RIVER BRIDGE) 31.240 31.303 GUARD/GUIDE RAIL RIGHT N/A 31.241 31.303 GUARD/GUIDE RAIL LEFT N/A 31.303 31.306 GUARD/GUIDE WALL LEFT N/A 31.307 31.307 SIGN LEFT GUIDE, TEKLANIKA RIVER ELEV. 2550 31.318 31.318 SIGN RIGHT REGULATORY, SPEED LIMIT 25 33.876 33.876 SIGN LEFT REGULATORY, SPEED LIMIT 25 33.947 33.947 SIGN RIGHT REGULATORY, SPEED LIMIT 20 34.054 34.054 INTERSECTION LEFT ROUTE 0207 (IGLOO CAMPGROUND LOOP) 34.054 34.056 SIGN LEFT GUIDE, DENALI NATIONAL PARK AND PRESERVE IGLOO CREEK CAMPGROUND ELEV. 2940 MILE 33.6 34.056 34.056 SIGN LEFT GUIDE, DENALI NATIONAL PARK AND PRESERVE IGLOO CREEK CAMPGROUND ELEV. 2940 MILE 33.6 34.070 34.070 SIGN RIGHT GUIDE, IGLOO CREEK ELEV. 2940 34.071 34.085 BRIDGE N/A 9830-009 (IGLOO CREEK BRIDGE) 34.071 34.087 GUARD/GUIDE RAIL RIGHT N/A 34.088 34.088 SIGN LEFT GUIDE, IGLOO CREEK ELEV. 2940 34.213 34.213 SIGN LEFT REGULATORY, SPEED LIMIT 20 34.218 34.218 SIGN RIGHT REGULATORY, SPEED LIMIT 20 34.218 34.218 SIGN RIGHT REGULATORY, SPEED LIMIT 35	31.234	31.241	GUARD/GUIDE WALL	LEFT	N/A
31.239 31.302 BRIDGE	31.235	31.235	SIGN	RIGHT	GUIDE, TEKLANIKA RIVER ELEV. 2550
31.240 31.303 GUARD/GUIDE RAIL RIGHT N/A 31.241 31.303 GUARD/GUIDE RAIL LEFT N/A 31.303 31.306 GUARD/GUIDE WALL LEFT N/A 31.307 31.307 SIGN LEFT GUIDE, TEKLANIKA RIVER ELEV. 2550 31.318 31.318 SIGN RIGHT REGULATORY, SPEED LIMIT 25 33.876 33.876 SIGN LEFT REGULATORY, SPEED LIMIT 25 33.947 33.947 SIGN RIGHT REGULATORY, SPEED LIMIT 20 34.054 34.054 INTERSECTION LEFT ROUTE 0207 (IGLOO CAMPGROUND LOOP) 34.054 34.054 INTERSECTION RIGHT ROUTE 0941 (IGLOO PIT) 34.056 34.056 SIGN LEFT GUIDE, DENALI NATIONAL PARK AND PRESERVE IGLOO CREEK CAMPGROUND ELEV. 2940 MILE 33.6 34.070 34.070 SIGN RIGHT GUIDE, DENALI NATIONAL PARK AND PRESERVE IGLOO CREEK CAMPGROUND ELEV. 2940 MILE 33.6 34.071 34.085 BRIDGE N/A 9830-009 (IGLOO CREEK BRIDGE) 34.081 34.087 GUARD/GUIDE RAIL LEFT N/A 34.088 34.088 SIGN LEFT GUIDE, IGLOO CREEK ELEV. 2940 34.213 34.213 SIGN LEFT REGULATORY, SPEED LIMIT 20 34.218 34.218 SIGN RIGHT REGULATORY, SPEED LIMIT 20 34.218 34.218 SIGN RIGHT REGULATORY, SPEED LIMIT 35	31.235	31.240	GUARD/GUIDE WALL	RIGHT	N/A
31.241 31.303 GUARD/GUIDE RAIL LEFT N/A 31.303 31.306 GUARD/GUIDE WALL LEFT N/A 31.303 31.306 GUARD/GUIDE WALL RIGHT N/A 31.307 31.307 SIGN LEFT GUIDE, TEKLANIKA RIVER ELEV. 2550 31.318 31.318 SIGN RIGHT REGULATORY, SPEED LIMIT 25 33.876 33.876 SIGN LEFT REGULATORY, SPEED LIMIT 25 33.947 33.947 SIGN RIGHT REGULATORY, SPEED LIMIT 20 34.054 34.054 INTERSECTION LEFT ROUTE 0207 (IGLOO CAMPGROUND LOOP) 34.054 34.054 INTERSECTION RIGHT ROUTE 0941 (IGLOO PIT) 34.056 34.056 SIGN LEFT GUIDE, DENALI NATIONAL PARK AND PRESERVE IGLOO CREEK CAMPGROUND ELEV. 2940 MILE 33.6 34.070 34.070 SIGN RIGHT GUIDE, DENALI NATIONAL PARK AND PRESERVE IGLOO CREEK CAMPGROUND ELEV. 2940 MILE 33.6 34.071 34.085 BRIDGE N/A 9830-009 (IGLOO CREEK BRIDGE) 34.071 34.087 GUARD/GUIDE RAIL LEFT N/A 34.088 34.088 SIGN LEFT GUIDE, IGLOO CREEK ELEV. 2940 34.213 34.213 SIGN LEFT REGULATORY, SPEED LIMIT 20 34.218 34.218 SIGN RIGHT REGULATORY, SPEED LIMIT 35	31.239	31.302	BRIDGE	N/A	9830-008 (TEKLANIKA RIVER BRIDGE)
31.303 31.306 GUARD/GUIDE WALL LEFT N/A 31.303 31.306 GUARD/GUIDE WALL RIGHT N/A 31.307 31.307 SIGN LEFT GUIDE, TEKLANIKA RIVER ELEV. 2550 31.318 31.318 SIGN RIGHT REGULATORY, SPEED LIMIT 25 33.876 33.876 SIGN LEFT REGULATORY, SPEED LIMIT 25 33.947 33.947 SIGN RIGHT REGULATORY, SPEED LIMIT 20 34.054 34.054 INTERSECTION LEFT ROUTE 0207 (IGLOO CAMPGROUND LOOP) 34.054 34.054 INTERSECTION RIGHT ROUTE 0941 (IGLOO PIT) 34.056 34.056 SIGN LEFT GUIDE, DENALI NATIONAL PARK AND PRESERVE IGLOO CREEK CAMPGROUND ELEV. 2940 MILE 33.6 34.056 34.056 SIGN LEFT GUIDE, DENALI NATIONAL PARK AND PRESERVE IGLOO CREEK CAMPGROUND ELEV. 2940 MILE 33.6 34.070 34.070 SIGN RIGHT GUIDE, IGLOO CREEK ELEV. 2940 34.071 34.085 BRIDGE N/A 9830-009 (IGLOO CREEK BRIDGE) 34.071 34.087	31.240	31.303	GUARD/GUIDE RAIL	RIGHT	N/A
31.303 31.306 GUARD/GUIDE WALL RIGHT N/A 31.307 31.307 SIGN LEFT GUIDE, TEKLANIKA RIVER ELEV. 2550 31.318 31.318 SIGN RIGHT REGULATORY, SPEED LIMIT 25 33.876 33.876 SIGN LEFT REGULATORY, SPEED LIMIT 20 34.054 33.947 SIGN RIGHT ROUTE 0207 (IGLOO CAMPGROUND LOOP) 34.054 34.054 INTERSECTION RIGHT ROUTE 0941 (IGLOO PIT) 34.056 34.056 SIGN LEFT GUIDE, DENALI NATIONAL PARK AND PRESERVE IGLOO CREEK CAMPGROUND ELEV. 2940 MILE 33.6 34.056 34.056 SIGN LEFT GUIDE, DENALI NATIONAL PARK AND PRESERVE IGLOO CREEK CAMPGROUND ELEV. 2940 MILE 33.6 34.070 34.070 SIGN RIGHT GUIDE, IGLOO CREEK ELEV. 2940 34.071 34.085 BRIDGE N/A 9830-009 (IGLOO CREEK BRIDGE) 34.071 34.087 GUARD/GUIDE RAIL RIGHT N/A 34.088 34.088 SIGN LEFT GUIDE, IGLOO CREEK ELEV. 2940 34.213 34.213 <td>31.241</td> <td>31.303</td> <td>GUARD/GUIDE RAIL</td> <td>LEFT</td> <td>N/A</td>	31.241	31.303	GUARD/GUIDE RAIL	LEFT	N/A
31.307 31.307 SIGN LEFT GUIDE, TEKLANIKA RIVER ELEV. 2550 31.318 31.318 SIGN RIGHT REGULATORY, SPEED LIMIT 25 33.876 33.876 SIGN LEFT REGULATORY, SPEED LIMIT 25 33.947 33.947 SIGN RIGHT REGULATORY, SPEED LIMIT 20 34.054 34.054 INTERSECTION LEFT ROUTE 0207 (IGLOO CAMPGROUND LOOP) 34.054 34.054 INTERSECTION RIGHT ROUTE 0941 (IGLOO PIT) 34.056 34.056 SIGN LEFT GUIDE, DENALI NATIONAL PARK AND PRESERVE IGLOO CREEK CAMPGROUND ELEV. 2940 MILE 33.6 34.056 34.056 SIGN LEFT GUIDE, DENALI NATIONAL PARK AND PRESERVE IGLOO CREEK CAMPGROUND ELEV. 2940 MILE 33.6 34.070 34.070 SIGN RIGHT GUIDE, IGLOO CREEK ELEV. 2940 34.071 34.085 BRIDGE N/A 9830-009 (IGLOO CREEK BRIDGE) 34.071 34.087 GUARD/GUIDE RAIL LEFT N/A 34.088 34.088 SIGN LEFT GUIDE, IGLOO CREEK ELEV. 2940 34.213	31.303	31.306	GUARD/GUIDE WALL	LEFT	N/A
31.318 31.318 SIGN RIGHT REGULATORY, SPEED LIMIT 25 33.876 33.876 SIGN LEFT REGULATORY, SPEED LIMIT 25 33.947 33.947 SIGN RIGHT REGULATORY, SPEED LIMIT 20 34.054 34.054 INTERSECTION LEFT ROUTE 0207 (IGLOO CAMPGROUND LOOP) 34.054 34.054 INTERSECTION RIGHT ROUTE 0941 (IGLOO PIT) 34.056 34.056 SIGN LEFT GUIDE, DENALI NATIONAL PARK AND PRESERVE IGLOO CREEK CAMPGROUND ELEV. 2940 MILE 33.6 34.056 34.056 SIGN LEFT GUIDE, DENALI NATIONAL PARK AND PRESERVE IGLOO CREEK CAMPGROUND ELEV. 2940 MILE 33.6 34.070 34.070 SIGN RIGHT GUIDE, IGLOO CREEK ELEV. 2940 34.071 34.085 BRIDGE N/A 9830-009 (IGLOO CREEK BRIDGE) 34.071 34.087 GUARD/GUIDE RAIL LEFT N/A 34.088 34.088 SIGN LEFT GUIDE, IGLOO CREEK ELEV. 2940 34.213 34.213 SIGN LEFT RIGHT RIGHT 34.218 <t< td=""><td>31.303</td><td>31.306</td><td>GUARD/GUIDE WALL</td><td>RIGHT</td><td>N/A</td></t<>	31.303	31.306	GUARD/GUIDE WALL	RIGHT	N/A
33.876 33.876 SIGN LEFT REGULATORY, SPEED LIMIT 25 33.947 33.947 SIGN RIGHT REGULATORY, SPEED LIMIT 20 34.054 34.054 INTERSECTION LEFT ROUTE 0207 (IGLOO CAMPGROUND LOOP) 34.054 34.054 INTERSECTION RIGHT ROUTE 0941 (IGLOO PIT) 34.056 34.056 SIGN LEFT GUIDE, DENALI NATIONAL PARK AND PRESERVE IGLOO CREEK CAMPGROUND ELEV. 2940 MILE 33.6 34.056 34.056 SIGN LEFT GUIDE, DENALI NATIONAL PARK AND PRESERVE IGLOO CREEK CAMPGROUND ELEV. 2940 MILE 33.6 34.070 34.070 SIGN RIGHT GUIDE, IGLOO CREEK ELEV. 2940 34.071 34.085 BRIDGE N/A 9830-009 (IGLOO CREEK BRIDGE) 34.071 34.087 GUARD/GUIDE RAIL LEFT N/A 34.088 34.088 SIGN LEFT GUIDE, IGLOO CREEK ELEV. 2940 34.213 34.213 SIGN LEFT REGULATORY, SPEED LIMIT 20 34.218 SIGN RIGHT REGULATORY, SPEED LIMIT 35	31.307	31.307	SIGN	LEFT	GUIDE, TEKLANIKA RIVER ELEV. 2550
33.947 33.947 SIGN RIGHT REGULATORY, SPEED LIMIT 20 34.054 34.054 INTERSECTION LEFT ROUTE 0207 (IGLOO CAMPGROUND LOOP) 34.054 34.054 INTERSECTION RIGHT ROUTE 0941 (IGLOO PIT) 34.056 SIGN LEFT GUIDE, DENALI NATIONAL PARK AND PRESERVE IGLOO CREEK CAMPGROUND ELEV. 2940 MILE 33.6 34.056 SIGN LEFT GUIDE, DENALI NATIONAL PARK AND PRESERVE IGLOO CREEK CAMPGROUND ELEV. 2940 MILE 33.6 34.070 34.070 SIGN RIGHT GUIDE, IGLOO CREEK ELEV. 2940 34.071 34.085 BRIDGE N/A 9830-009 (IGLOO CREEK BRIDGE) 34.071 34.087 GUARD/GUIDE RAIL LEFT N/A 34.088 34.088 SIGN LEFT GUIDE, IGLOO CREEK ELEV. 2940 34.213 34.213 SIGN LEFT REGULATORY, SPEED LIMIT 20 34.218 SIGN RIGHT REGULATORY, SPEED LIMIT 35	31.318	31.318	SIGN	RIGHT	REGULATORY, SPEED LIMIT 25
34.054 34.054 INTERSECTION LEFT ROUTE 0207 (IGLOO CAMPGROUND LOOP) 34.054 34.054 INTERSECTION RIGHT ROUTE 0941 (IGLOO PIT) 34.056 34.056 SIGN LEFT GUIDE, DENALI NATIONAL PARK AND PRESERVE IGLOO CREEK CAMPGROUND ELEV. 2940 MILE 33.6 34.056 SIGN LEFT GUIDE, DENALI NATIONAL PARK AND PRESERVE IGLOO CREEK CAMPGROUND ELEV. 2940 MILE 33.6 34.070 34.070 SIGN RIGHT GUIDE, IGLOO CREEK ELEV. 2940 34.071 34.085 BRIDGE N/A 9830-009 (IGLOO CREEK BRIDGE) 34.071 34.087 GUARD/GUIDE RAIL LEFT N/A 34.088 SIGN LEFT GUIDE, IGLOO CREEK ELEV. 2940 34.213 34.213 SIGN LEFT REGULATORY, SPEED LIMIT 20 34.218 SIGN RIGHT REGULATORY, SPEED LIMIT 35	33.876	33.876	SIGN	LEFT	REGULATORY, SPEED LIMIT 25
34.054 34.054 INTERSECTION RIGHT ROUTE 0941 (IGLOO PIT) 34.056 34.056 SIGN LEFT GUIDE, DENALI NATIONAL PARK AND PRESERVE IGLOO CREEK CAMPGROUND ELEV. 2940 MILE 33.6 34.056 34.056 SIGN LEFT GUIDE, DENALI NATIONAL PARK AND PRESERVE IGLOO CREEK CAMPGROUND ELEV. 2940 MILE 33.6 34.070 34.070 SIGN RIGHT GUIDE, IGLOO CREEK ELEV. 2940 34.071 34.085 BRIDGE N/A 9830-009 (IGLOO CREEK BRIDGE) 34.071 34.087 GUARD/GUIDE RAIL LEFT N/A 34.088 34.088 SIGN LEFT GUIDE, IGLOO CREEK ELEV. 2940 34.213 34.213 SIGN LEFT REGULATORY, SPEED LIMIT 20 34.218 SIGN RIGHT REGULATORY, SPEED LIMIT 35	33.947	33.947	SIGN	RIGHT	REGULATORY, SPEED LIMIT 20
34.056 SIGN LEFT GUIDE, DENALI NATIONAL PARK AND PRESERVE IGLOO CREEK CAMPGROUND ELEV. 2940 MILE 33.6 34.056 34.056 SIGN LEFT GUIDE, DENALI NATIONAL PARK AND PRESERVE IGLOO CREEK CAMPGROUND ELEV. 2940 MILE 33.6 34.070 34.070 SIGN RIGHT GUIDE, IGLOO CREEK ELEV. 2940 34.071 34.085 BRIDGE N/A 9830-009 (IGLOO CREEK BRIDGE) 34.071 34.087 GUARD/GUIDE RAIL LEFT N/A 34.088 34.088 SIGN LEFT GUIDE, IGLOO CREEK ELEV. 2940 34.213 34.213 SIGN LEFT REGULATORY, SPEED LIMIT 20 34.218 SIGN RIGHT REGULATORY, SPEED LIMIT 35	34.054	34.054	INTERSECTION	LEFT	ROUTE 0207 (IGLOO CAMPGROUND LOOP)
CREEK CAMPGROUND ELEV. 2940 MILE 33.6 34.056	34.054	34.054	INTERSECTION	RIGHT	ROUTE 0941 (IGLOO PIT)
CREEK CAMPGROUND ELEV. 2940 MILE 33.6 34.070	34.056	34.056	SIGN	LEFT	
34.071 34.085 BRIDGE N/A 9830-009 (IGLOO CREEK BRIDGE) 34.071 34.087 GUARD/GUIDE RAIL LEFT N/A 34.071 34.087 GUARD/GUIDE RAIL RIGHT N/A 34.088 34.088 SIGN LEFT GUIDE, IGLOO CREEK ELEV. 2940 34.213 34.213 SIGN LEFT REGULATORY, SPEED LIMIT 20 34.218 SIGN RIGHT REGULATORY, SPEED LIMIT 35	34.056	34.056	SIGN	LEFT	*
34.071 34.087 GUARD/GUIDE RAIL LEFT N/A 34.071 34.087 GUARD/GUIDE RAIL RIGHT N/A 34.088 34.088 SIGN LEFT GUIDE, IGLOO CREEK ELEV. 2940 34.213 34.213 SIGN LEFT REGULATORY, SPEED LIMIT 20 34.218 SIGN RIGHT REGULATORY, SPEED LIMIT 35	34.070	34.070	SIGN	RIGHT	GUIDE, IGLOO CREEK ELEV. 2940
34.071 34.087 GUARD/GUIDE RAIL RIGHT N/A 34.088 34.088 SIGN LEFT GUIDE, IGLOO CREEK ELEV. 2940 34.213 34.213 SIGN LEFT REGULATORY, SPEED LIMIT 20 34.218 34.218 SIGN RIGHT REGULATORY, SPEED LIMIT 35	34.071	34.085	BRIDGE	N/A	9830-009 (IGLOO CREEK BRIDGE)
34.088 SIGN LEFT GUIDE, IGLOO CREEK ELEV. 2940 34.213 34.213 SIGN LEFT REGULATORY, SPEED LIMIT 20 34.218 34.218 SIGN RIGHT REGULATORY, SPEED LIMIT 35	34.071	34.087	GUARD/GUIDE RAIL	LEFT	N/A
34.213 SIGN LEFT REGULATORY, SPEED LIMIT 20 34.218 34.218 SIGN RIGHT REGULATORY, SPEED LIMIT 35	34.071	34.087	GUARD/GUIDE RAIL	RIGHT	N/A
34.218 SIGN RIGHT REGULATORY, SPEED LIMIT 35	34.088	34.088	SIGN	LEFT	GUIDE, IGLOO CREEK ELEV. 2940
	34.213	34.213	SIGN	LEFT	REGULATORY, SPEED LIMIT 20
36.992 36.992 INTERSECTION LEFT UNPAVED ROUTE	34.218	34.218	SIGN	RIGHT	REGULATORY, SPEED LIMIT 35
	36.992	36.992	INTERSECTION	LEFT	UNPAVED ROUTE

ROUTE 0010EZ: DENALI PARK ROAD - EAST

Notice: Culverts and drop inlets were NOT marked by NPS nor inventoried by RIP in Cycle 5 on the DCV driven routes. Therefore no culverts or drop inlets are reported in Section 9, unless a culvert has a BIP structure number attached to it.

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
36.993	36.994	GUARD/GUIDE WALL	RIGHT	N/A
36.994	37.003	GUARD/GUIDE RAIL	RIGHT	N/A
36.995	36.996	GUARD/GUIDE WALL	LEFT	N/A
36.995	37.000	BRIDGE	N/A	9830-010 (UPPER IGLOO CREEK BRIDGE)
36.996	37.005	GUARD/GUIDE RAIL	LEFT	N/A
37.003	37.004	GUARD/GUIDE WALL	RIGHT	N/A
37.005	37.007	GUARD/GUIDE WALL	LEFT	N/A
38.260	38.260	SIGN	LEFT	GUIDE, NO HIKING OFF ROAD
38.260	38.260	SIGN	LEFT	GUIDE, WARNING RESTRICTED WILDLIFE AREA FOR NEXT 5 MILES PHOTOGRAPHY AND OBSERVATION OF WILDLIFE PERMITTED
39.024	39.024	INTERSECTION	N/A	ROUTE 0010W (DENALI PARK ROAD - WEST)
39.024	39.024	ROUTE END	N/A	TO MILE MARKER 39.0 AND START OF ROUTE 0010W (DENALI PARK ROAD - WEST)

ROUTE 0010W: DENALI PARK ROAD - WEST

<u>Notice:</u> Notice: Culverts and drop inlets were NOT marked by NPS nor inventoried by RIP in Cycle 5 on the DCV driven routes. Therefore no culverts or drop inlets are reported in Section 9, unless a culvert has a BIP structure number attached to it.

39.024 39.024 INTERSECTION N/A ROUTE 0010EZZ (DENALI PARK ROADS - EAST)	FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
1.448	9.024	39.024	ROUTE BEGIN	N/A	FROM MILE MARKER 39 AND END OF ROUTE 0010EZZ (DENALI PARK ROADS - EAST)
42.003	9.024	39.024	INTERSECTION	N/A	ROUTE 0010EZZ (DENALI PARK ROADS - EAST)
42.003	1.448	41.448	SIGN	RIGHT	WARNING, GRAPHIC SIGN NO TEXT
42.006	1.998	42.003	GUARD/GUIDE WALL	LEFT	N/A
42.009	2.003	42.032	GUARD/GUIDE RAIL	LEFT	N/A
42.011 42.032 GUARD/GUIDE RAIL RIGHT N/A 42.032 42.034 GUARD/GUIDE WALL LEFT N/A 42.032 42.034 GUARD/GUIDE WALL RIGHT N/A 42.878 SIGN LEFT GUIDE, WARNING RESTRICTED WILDLIFE AREA F MILES PHOTOGRAPHY AND OBSERVATION OF WIPERMITTED 42.895 42.895 SIGN LEFT GUIDE, NO HIKING OFF ROAD 42.985 42.985 INTERSECTION LEFT UNPAVED ROUTE 43.023 43.023 INTERSECTION LEFT UNPAVED ROUTE 43.330 43.336 GUARD/GUIDE WALL LEFT N/A 43.330 43.336 GUARD/GUIDE WALL LEFT N/A 43.331 43.383 BRIDGE N/A 9830-012 (EAST FORK TOKLAT RIVER BRIDGE) 43.333 43.378 GUARD/GUIDE RAIL RIGHT N/A 43.334 43.337 SIGN LEFT WARNING, GRAPHIC SIGN NO TEXT 43.338 43.338 GATE N/A N/A 43.341 43.341	2.006	42.011	GUARD/GUIDE WALL	RIGHT	N/A
42.032 42.034 GUARD/GUIDE WALL LEFT N/A 42.032 42.034 GUARD/GUIDE WALL RIGHT N/A 42.878 SIGN LEFT GUIDE, WARNING RESTRICTED WILDLIFE AREA F MILES PHOTOGRAPHY AND OBSERVATION OF WIPERMITTED 42.895 42.895 SIGN LEFT GUIDE, NO HIKING OFF ROAD 42.985 INTERSECTION LEFT UNPAVED ROUTE 43.023 INTERSECTION LEFT UNPAVED ROUTE 43.329 SIGN RIGHT GUIDE, EAST FORK ELEV. 3061 43.330 43.336 GUARD/GUIDE WALL LEFT N/A 43.331 43.333 GUARD/GUIDE WALL RIGHT N/A 43.333 43.333 BRIDGE N/A 9830-012 (EAST FORK TOKLAT RIVER BRIDGE) 43.333 43.338 GUARD/GUIDE RAIL RIGHT N/A 43.334 43.337 SIGN LEFT WARNING, GRAPHIC SIGN NO TEXT 43.338 43.338 GATE N/A N/A N/A 43.341 43.341 SIGN RIGHT	2.009	42.032	BRIDGE	N/A	9830-011 (GHIGLIONE CREEK BRIDGE)
42.032 42.034 GUARD/GUIDE WALL RIGHT N/A 42.878 42.878 SIGN LEFT GUIDE, WARNING RESTRICTED WILDLIFE AREA F MILES PHOTOGRAPHY AND OBSERVATION OF WIPERMITTED 42.895 42.895 SIGN LEFT GUIDE, NO HIKING OFF ROAD 42.985 42.985 INTERSECTION LEFT UNPAVED ROUTE 43.023 43.023 INTERSECTION LEFT UNPAVED ROUTE 43.329 SIGN RIGHT GUIDE, EAST FORK ELEV. 3061 43.330 43.336 GUARD/GUIDE WALL LEFT N/A 43.331 43.333 GUARD/GUIDE WALL RIGHT N/A 43.333 43.378 GUARD/GUIDE RAIL RIGHT N/A 43.334 43.337 SIGN LEFT N/A 43.337 43.337 SIGN LEFT WARNING, GRAPHIC SIGN NO TEXT 43.338 43.338 GATE N/A N/A 43.341 SIGN RIGHT WARNING, GRAPHIC SIGN NO TEXT 43.341 43.341 SIGN RIGHT	2.011	42.032	GUARD/GUIDE RAIL	RIGHT	N/A
42.878	2.032	42.034	GUARD/GUIDE WALL	LEFT	N/A
MILES PHOTOGRAPHY AND OBSERVATION OF WIPERMITTED	2.032	42.034	GUARD/GUIDE WALL	RIGHT	N/A
42.985 42.985 INTERSECTION LEFT UNPAVED ROUTE 43.023 43.023 INTERSECTION LEFT UNPAVED ROUTE 43.329 43.329 SIGN RIGHT GUIDE, EAST FORK ELEV. 3061 43.330 43.336 GUARD/GUIDE WALL LEFT N/A 43.331 43.333 GUARD/GUIDE WALL RIGHT N/A 43.333 43.378 GUARD/GUIDE RAIL RIGHT N/A 43.336 43.381 GUARD/GUIDE RAIL LEFT N/A 43.337 SIGN LEFT WARNING, GRAPHIC SIGN NO TEXT 43.338 43.338 GATE N/A N/A 43.338 43.338 SIGN RIGHT WARNING, GRAPHIC SIGN NO TEXT 43.341 43.341 SIGN LEFT GUIDE, UNABLE TO READ FROM VIDEO 43.341 43.341 SIGN RIGHT REGULATORY, ROAD CLOSED	2.878	42.878	SIGN	LEFT	GUIDE, WARNING RESTRICTED WILDLIFE AREA FOR NEXT 5 MILES PHOTOGRAPHY AND OBSERVATION OF WILDLIFE PERMITTED
43.023 43.023 INTERSECTION LEFT UNPAVED ROUTE 43.329 43.329 SIGN RIGHT GUIDE, EAST FORK ELEV. 3061 43.330 43.336 GUARD/GUIDE WALL LEFT N/A 43.331 43.333 GUARD/GUIDE WALL RIGHT N/A 43.333 43.378 GUARD/GUIDE RAIL RIGHT N/A 43.336 43.381 GUARD/GUIDE RAIL LEFT N/A 43.337 43.337 SIGN LEFT WARNING, GRAPHIC SIGN NO TEXT 43.338 43.338 GATE N/A N/A 43.331 43.331 SIGN RIGHT WARNING, GRAPHIC SIGN NO TEXT 43.338 43.338 SIGN RIGHT WARNING, GRAPHIC SIGN NO TEXT 43.341 43.341 SIGN LEFT GUIDE, UNABLE TO READ FROM VIDEO 43.341 43.341 SIGN RIGHT REGULATORY, ROAD CLOSED	2.895	42.895	SIGN	LEFT	GUIDE, NO HIKING OFF ROAD
43.329 43.329 SIGN RIGHT GUIDE, EAST FORK ELEV. 3061 43.330 43.336 GUARD/GUIDE WALL LEFT N/A 43.330 43.333 GUARD/GUIDE WALL RIGHT N/A 43.331 43.383 BRIDGE N/A 9830-012 (EAST FORK TOKLAT RIVER BRIDGE) 43.333 43.378 GUARD/GUIDE RAIL RIGHT N/A 43.336 43.381 GUARD/GUIDE RAIL LEFT N/A 43.337 SIGN LEFT WARNING, GRAPHIC SIGN NO TEXT 43.338 43.338 GATE N/A N/A 43.338 43.338 SIGN RIGHT WARNING, GRAPHIC SIGN NO TEXT 43.341 43.341 SIGN LEFT GUIDE, UNABLE TO READ FROM VIDEO 43.341 SIGN RIGHT REGULATORY, ROAD CLOSED	2.985	42.985	INTERSECTION	LEFT	UNPAVED ROUTE
43.330 43.336 GUARD/GUIDE WALL LEFT N/A 43.330 43.333 GUARD/GUIDE WALL RIGHT N/A 43.331 43.383 BRIDGE N/A 9830-012 (EAST FORK TOKLAT RIVER BRIDGE) 43.333 43.378 GUARD/GUIDE RAIL RIGHT N/A 43.336 43.381 GUARD/GUIDE RAIL LEFT N/A 43.337 SIGN LEFT WARNING, GRAPHIC SIGN NO TEXT 43.338 43.338 GATE N/A N/A 43.338 43.338 SIGN RIGHT WARNING, GRAPHIC SIGN NO TEXT 43.341 43.341 SIGN LEFT GUIDE, UNABLE TO READ FROM VIDEO 43.341 SIGN RIGHT REGULATORY, ROAD CLOSED	3.023	43.023	INTERSECTION	LEFT	UNPAVED ROUTE
43.330 43.333 GUARD/GUIDE WALL RIGHT N/A 43.331 43.383 BRIDGE N/A 9830-012 (EAST FORK TOKLAT RIVER BRIDGE) 43.333 43.378 GUARD/GUIDE RAIL RIGHT N/A 43.336 43.381 GUARD/GUIDE RAIL LEFT N/A 43.337 SIGN LEFT WARNING, GRAPHIC SIGN NO TEXT 43.338 43.338 GATE N/A N/A 43.338 43.338 SIGN RIGHT WARNING, GRAPHIC SIGN NO TEXT 43.341 43.341 SIGN LEFT GUIDE, UNABLE TO READ FROM VIDEO 43.341 SIGN RIGHT REGULATORY, ROAD CLOSED	3.329	43.329	SIGN	RIGHT	GUIDE, EAST FORK ELEV. 3061
43.331 43.383 BRIDGE N/A 9830-012 (EAST FORK TOKLAT RIVER BRIDGE) 43.333 43.378 GUARD/GUIDE RAIL RIGHT N/A 43.336 43.381 GUARD/GUIDE RAIL LEFT N/A 43.337 SIGN LEFT WARNING, GRAPHIC SIGN NO TEXT 43.338 43.338 GATE N/A N/A 43.338 SIGN RIGHT WARNING, GRAPHIC SIGN NO TEXT 43.341 SIGN LEFT GUIDE, UNABLE TO READ FROM VIDEO 43.341 SIGN RIGHT REGULATORY, ROAD CLOSED	3.330	43.336	GUARD/GUIDE WALL	LEFT	N/A
43.333 43.378 GUARD/GUIDE RAIL RIGHT N/A 43.336 43.381 GUARD/GUIDE RAIL LEFT N/A 43.337 SIGN LEFT WARNING, GRAPHIC SIGN NO TEXT 43.338 43.338 GATE N/A N/A 43.338 43.338 SIGN RIGHT WARNING, GRAPHIC SIGN NO TEXT 43.341 43.341 SIGN LEFT GUIDE, UNABLE TO READ FROM VIDEO 43.341 SIGN RIGHT REGULATORY, ROAD CLOSED	3.330	43.333	GUARD/GUIDE WALL	RIGHT	N/A
43.336 43.381 GUARD/GUIDE RAIL LEFT N/A 43.337 43.337 SIGN LEFT WARNING, GRAPHIC SIGN NO TEXT 43.338 43.338 GATE N/A N/A 43.338 43.338 SIGN RIGHT WARNING, GRAPHIC SIGN NO TEXT 43.341 43.341 SIGN LEFT GUIDE, UNABLE TO READ FROM VIDEO 43.341 SIGN RIGHT REGULATORY, ROAD CLOSED	3.331	43.383	BRIDGE	N/A	9830-012 (EAST FORK TOKLAT RIVER BRIDGE)
43.337 43.337 SIGN LEFT WARNING, GRAPHIC SIGN NO TEXT 43.338 43.338 GATE N/A N/A 43.338 43.338 SIGN RIGHT WARNING, GRAPHIC SIGN NO TEXT 43.341 43.341 SIGN LEFT GUIDE, UNABLE TO READ FROM VIDEO 43.341 SIGN RIGHT REGULATORY, ROAD CLOSED	3.333	43.378	GUARD/GUIDE RAIL	RIGHT	N/A
43.338 43.338 GATE N/A N/A 43.338 43.338 SIGN RIGHT WARNING, GRAPHIC SIGN NO TEXT 43.341 43.341 SIGN LEFT GUIDE, UNABLE TO READ FROM VIDEO 43.341 43.341 SIGN RIGHT REGULATORY, ROAD CLOSED	3.336	43.381	GUARD/GUIDE RAIL	LEFT	N/A
43.338 43.338 SIGN RIGHT WARNING, GRAPHIC SIGN NO TEXT 43.341 43.341 SIGN LEFT GUIDE, UNABLE TO READ FROM VIDEO 43.341 43.341 SIGN RIGHT REGULATORY, ROAD CLOSED	3.337	43.337	SIGN	LEFT	WARNING, GRAPHIC SIGN NO TEXT
43.341 SIGN LEFT GUIDE, UNABLE TO READ FROM VIDEO 43.341 SIGN RIGHT REGULATORY, ROAD CLOSED	3.338	43.338	GATE	N/A	N/A
43.341 SIGN RIGHT REGULATORY, ROAD CLOSED	3.338	43.338	SIGN	RIGHT	WARNING, GRAPHIC SIGN NO TEXT
	3.341	43.341	SIGN	LEFT	GUIDE, UNABLE TO READ FROM VIDEO
43.378 43.385 GUARD/GUIDE WALL RIGHT N/A	3.341	43.341	SIGN	RIGHT	REGULATORY, ROAD CLOSED
	3.378	43.385	GUARD/GUIDE WALL	RIGHT	N/A
43.381 43.385 GUARD/GUIDE WALL LEFT N/A	3.381	43.385	GUARD/GUIDE WALL	LEFT	N/A
43.386 43.386 SIGN LEFT GUIDE, EAST FORK ELEV. 3061	3.386	43.386	SIGN	LEFT	GUIDE, EAST FORK ELEV. 3061

ROUTE 0010W: DENALI PARK ROAD - WEST

Notice: Notice: Culverts and drop inlets were NOT marked by NPS nor inventoried by RIP in Cycle 5 on the DCV driven routes. Therefore no culverts or drop inlets are reported in Section 9, unless a culvert has a BIP structure number attached to it.

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
43.631	43.631	SIGN	RIGHT	WARNING, 20 M.P.H.
43.631	43.631	SIGN	RIGHT	WARNING, GRAPHIC SIGN NO TEXT
43.902	43.902	SIGN	RIGHT	WARNING, ROCKS
44.710	44.710	SIGN	LEFT	WARNING, GRAPHIC SIGN NO TEXT
44.710	44.710	SIGN	LEFT	WARNING, SLOW 15 MPH
45.836	45.836	SIGN	RIGHT	WARNING, 10 M.P.H.
45.836	45.836	SIGN	RIGHT	WARNING, GRAPHIC SIGN NO TEXT
46.013	46.013	SIGN	LEFT	WARNING, 10 M.P.H.
46.013	46.013	SIGN	LEFT	WARNING, GRAPHIC SIGN NO TEXT
46.333	46.333	SIGN	RIGHT	WARNING, 20 M.P.H.
46.333	46.333	SIGN	RIGHT	WARNING, GRAPHIC SIGN NO TEXT
52.453	52.453	INTERSECTION	RIGHT	ROUTE 0945 (SOAPBERRY PATCH LOOP PARKING)
52.599	52.599	INTERSECTION	RIGHT	ROUTE 0945 (SOAPBERRY PATCH LOOP PARKING)
53.106	53.106	SIGN	RIGHT	GUIDE, TOKLAT RIVER ELEV. 3050
53.108	53.189	BRIDGE	N/A	9830-013 (TOKLAT RIVER BRIDGE NO.1)
53.108	53.189	GUARD/GUIDE RAIL	LEFT	N/A
53.108	53.190	GUARD/GUIDE RAIL	RIGHT	N/A
53.108	53.108	GATE	N/A	N/A
53.109	53.109	SIGN	LEFT	REGULATORY, GRAPHIC SIGN NO TEXT
53.109	53.109	SIGN	RIGHT	REGULATORY, GRAPHIC SIGN NO TEXT
53.110	53.110	SIGN	LEFT	REGULATORY, NO PARKING ANY TIME
53.110	53.110	SIGN	RIGHT	REGULATORY, ROAD CLOSED
53.111	53.111	SIGN	LEFT	REGULATORY, GRAPHIC SIGN NO TEXT
53.111	53.111	SIGN	RIGHT	REGULATORY, GRAPHIC SIGN NO TEXT
53.409	53.409	SIGN	LEFT	REGULATORY, SPEED LIMIT 35
53.410	53.410	SIGN	RIGHT	REGULATORY, SPEED LIMIT 25
53.412	53.494	GUARD/GUIDE RAIL	LEFT	N/A
53.413	53.494	BRIDGE	N/A	9830-014 (TOKLAT RIVER BRIDGE NO.2)
53.413	53.495	GUARD/GUIDE RAIL	RIGHT	N/A
53.513	53.513	INTERSECTION	RIGHT	ROUTE 0416 (TOKLAT MAINTENANCE CAMP ROAD)

ROUTE 0010W: DENALI PARK ROAD - WEST

Notice: Notice: Culverts and drop inlets were NOT marked by NPS nor inventoried by RIP in Cycle 5 on the DCV driven routes. Therefore no culverts or drop inlets are reported in Section 9, unless a culvert has a BIP structure number attached to it.

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
53.632	53.632	INTERSECTION	RIGHT	UNPAVED ROUTE
53.719	53.719	SIGN	LEFT	REGULATORY, SPEED LIMIT 25
53.733	53.733	SIGN	RIGHT	REGULATORY, SPEED LIMIT 35
55.621	55.621	INTERSECTION	RIGHT	UNPAVED ROUTE
50.514	60.520	GUARD/GUIDE WALL	LEFT	N/A
50.515	60.521	GUARD/GUIDE WALL	RIGHT	N/A
50.520	60.539	GUARD/GUIDE RAIL	LEFT	N/A
50.520	60.539	BRIDGE	N/A	9830-015 (STONY CREEK BRIDGE)
50.521	60.540	GUARD/GUIDE RAIL	RIGHT	N/A
50.539	60.544	GUARD/GUIDE WALL	LEFT	N/A
50.540	60.544	GUARD/GUIDE WALL	RIGHT	N/A
50.571	60.571	INTERSECTION	LEFT	UNPAVED PARKING
50.707	60.707	SIGN	RIGHT	WARNING, 15 M.P.H.
60.707	60.707	SIGN	RIGHT	WARNING, GRAPHIC SIGN NO TEXT
52.004	62.004	INTERSECTION	LEFT	ROUTE 0913 (STONEY OVERLOOK VISTA PARKING)
52.183	62.183	SIGN	LEFT	WARNING, GRAPHIC SIGN NO TEXT
52.183	62.183	SIGN	LEFT	WARNING, SLOW 15 MPH
53.008	63.008	SIGN	LEFT	WARNING, GRAPHIC SIGN NO TEXT
53.008	63.008	SIGN	LEFT	WARNING, SLOW 15 MPH
65.670	65.670	SIGN	RIGHT	WARNING, GRAPHIC SIGN NO TEXT
65.907	65.907	SIGN	LEFT	WARNING, GRAPHIC SIGN NO TEXT
55.914	65.914	SIGN	RIGHT	REGULATORY, SPEED LIMIT 20
55.936	65.936	INTERSECTION	LEFT	ROUTE 0914 (EIELSON VISITOR CENTER PARKING)
56.008	66.008	INTERSECTION	LEFT	ROUTE 0914 (EIELSON VISITOR CENTER PARKING)
56.043	66.043	SIGN	LEFT	REGULATORY, SPEED LIMIT 20
56.205	66.205	SIGN	RIGHT	WARNING, GRAPHIC SIGN NO TEXT
58.731	68.731	SIGN	LEFT	WARNING, GRAPHIC SIGN NO TEXT
58.731	68.731	SIGN	LEFT	WARNING, SLIPPERY WHEN WET
58.878	68.878	SIGN	RIGHT	WARNING, SOFT SHOULDER
58.917	68.917	SIGN	LEFT	REGULATORY, SPEED LIMIT 20

ROUTE 0010W: DENALI PARK ROAD - WEST

<u>Notice:</u> Notice: Culverts and drop inlets were NOT marked by NPS nor inventoried by RIP in Cycle 5 on the DCV driven routes. Therefore no culverts or drop inlets are reported in Section 9, unless a culvert has a BIP structure number attached to it.

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
68.917	68.917	SIGN	RIGHT	REGULATORY, SPEED LIMIT 35
70.259	70.259	INTERSECTION	LEFT	UNPAVED PARKING
73.054	73.054	INTERSECTION	LEFT	ROUTE 0976 (73 MILE LOOP PARKING)
73.078	73.078	INTERSECTION	LEFT	ROUTE 0976 (73 MILE LOOP PARKING)
73.397	73.397	SIGN	RIGHT	GUIDE, STORM WATER POLLUTION PREVENTION PLAN
73.397	73.397	SIGN	RIGHT	GUIDE, PROJECT FUNDED BY THE AMERICAN RECOVERY & REINVESTMENT ACT
74.722	74.722	INTERSECTION	RIGHT	ROUTE 0946 (MOOSE CREEK PIT PARKING)
75.564	75.564	SIGN	RIGHT	REGULATORY, SPEED LIMIT 30
75.565	75.565	SIGN	LEFT	REGULATORY, SPEED LIMIT 35
77.609	77.609	INTERSECTION	LEFT	ROUTE 0947 (HIDEOUT PIT PARKING)
79.295	79.295	INTERSECTION	RIGHT	ROUTE 0948 (DUCK POND PULLOUT PARKING)
82.145	82.145	SIGN	RIGHT	REGULATORY, SPEED LIMIT 25
82.147	82.147	SIGN	LEFT	REGULATORY, SPEED LIMIT 30
82.388	82.388	SIGN	LEFT	REGULATORY, SPEED LIMIT 25
82.391	82.391	SIGN	RIGHT	REGULATORY, SPEED LIMIT 30
83.242	83.242	INTERSECTION	LEFT	ROUTE 0978 (BIG TIMBER OVERLOOK PARKING)
84.254	84.254	SIGN	LEFT	WARNING, SOFT SHOULDER
84.296	84.296	SIGN	LEFT	REGULATORY, SPEED LIMIT 30
84.300	84.300	SIGN	RIGHT	REGULATORY, SPEED LIMIT 25
84.449	84.449	SIGN	RIGHT	WARNING, GRAPHIC SIGN NO TEXT
84.491	84.491	SIGN	LEFT	GUIDE, STOP FOR BUSES
84.531	84.531	INTERSECTION	LEFT	ROUTE 0103 (WONDER LAKE CAMPGROUND ACCESS ROAD)
84.545	84.545	SIGN	LEFT	GUIDE, WONDER LAKE CAMPGROUND RANGER STATION
84.626	84.626	SIGN	RIGHT	REGULATORY, SPEED LIMIT 15
84.634	84.634	SIGN	LEFT	WARNING, GRAPHIC SIGN NO TEXT
84.669	84.669	SIGN	RIGHT	WARNING, GRAPHIC SIGN NO TEXT
84.692	84.692	INTERSECTION	RIGHT	ROUTE 0949 (DALLEMOLLEVILLE PARKING)
84.742	84.742	SIGN	RIGHT	REGULATORY, SPEED LIMIT 25
84.743	84.743	SIGN	LEFT	REGULATORY, SPEED LIMIT 15

ROUTE 0010W: DENALI PARK ROAD - WEST

<u>Notice:</u> Notice: Culverts and drop inlets were NOT marked by NPS nor inventoried by RIP in Cycle 5 on the DCV driven routes. Therefore no culverts or drop inlets are reported in Section 9, unless a culvert has a BIP structure number attached to it.

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
85.391	85.391	INTERSECTION	LEFT	ROUTE 0951 (REFLECTION POND PARKING)
85.455	85.455	SIGN	LEFT	GUIDE, STORM WATER POLLUTION PREVENTION PLAN
86.542	86.542	SIGN	RIGHT	WARNING, GRAPHIC SIGN NO TEXT
86.560	86.560	SIGN	RIGHT	REGULATORY, SPEED LIMIT 15
86.600	86.600	INTERSECTION	RIGHT	ROUTE 0950 (WONDER LAKE RANGER STATION PARKING)
86.605	86.613	GUARD/GUIDE WALL	RIGHT	N/A
86.615	86.615	INTERSECTION	RIGHT	ROUTE 0950 (WONDER LAKE RANGER STATION PARKING)
86.657	86.657	SIGN	LEFT	REGULATORY, SPEED LIMIT 15
86.686	86.686	SIGN	RIGHT	GUIDE, NO PARKING NEXT 1 MILE
86.735	86.735	SIGN	LEFT	WARNING, GRAPHIC SIGN NO TEXT
86.810	86.810	SIGN	RIGHT	REGULATORY, SPEED LIMIT 20
87.615	87.615	SIGN	LEFT	GUIDE, NO PARKING NEXT 1 MILE
87.617	87.617	INTERSECTION	RIGHT	UNPAVED PARKING
87.651	87.651	SIGN	LEFT	GUIDE, BEGIN VEHICLE SIZE RESTRICTIONS LANGER THAN 22 LONG 76 WIDE OR 12 HIGH MAY TRAVEL ONLY BETWEEN 10 P
87.761	87.761	SIGN	LEFT	WARNING, GRAPHIC SIGN NO TEXT
87.866	87.866	SIGN	RIGHT	GUIDE, ENTERING DENALI NATIONAL PARK AND PRESERVE SUBSISTENCE HUNTERS WITH PERMIT ONLY
87.872	87.872	SIGN	LEFT	GUIDE, ROAD TRAVEL PERMIT REQUIRED BEYOND THIS POINT
87.873	87.873	SIGN	LEFT	GUIDE, NATIONAL PARK SERVICE
87.882	87.882	INTERSECTION	LEFT	UNPAVED ROUTE
88.110	88.110	INTERSECTION	RIGHT	UNPAVED ROUTE
88.125	88.125	INTERSECTION	RIGHT	UNPAVED ROUTE
88.846	88.846	INTERSECTION	LEFT	UNPAVED ROUTE
88.911	88.911	INTERSECTION	RIGHT	UNPAVED ROUTE
89.053	89.053	SIGN	RIGHT	GUIDE, MOOSE CREEK
89.054	89.092	GUARD/GUIDE RAIL	RIGHT	N/A
89.056	89.093	GUARD/GUIDE RAIL	LEFT	N/A
89.057	89.090	BRIDGE	N/A	9830-016 (MOOSE CREEK BRIDGE)
89.094	89.094	SIGN	LEFT	GUIDE, MOOSE CREEK

ROUTE 0010W: DENALI PARK ROAD - WEST

<u>Notice:</u> Notice: Culverts and drop inlets were NOT marked by NPS nor inventoried by RIP in Cycle 5 on the DCV driven routes. Therefore no culverts or drop inlets are reported in Section 9, unless a culvert has a BIP structure number attached to it.

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
89.151	89.151	INTERSECTION	RIGHT	UNPAVED ROUTE
89.904	89.904	INTERSECTION	RIGHT	UNPAVED PARKING (BUS STOP)
90.844	90.844	INTERSECTION	LEFT	UNPAVED ROUTE
90.850	90.850	SIGN	LEFT	GUIDE, KANTISHNA ROAD HOUSE
90.958	90.976	LOW WATER CROSSING	N/A	N/A
90.996	90.996	INTERSECTION	LEFT	UNPAVED ROUTE
91.642	91.642	INTERSECTION	RIGHT	UNPAVED ROUTE
92.129	92.129	INTERSECTION	LEFT	UNPAVED ROUTE
92.141	92.154	LOW WATER CROSSING	N/A	N/A
92.158	92.158	INTERSECTION	RIGHT	UNPAVED ROUTE
92.276	92.276	INTERSECTION	LEFT	UNPAVED ROUTE (AIRSTRIP ACCESS)
92.337	92.337	INTERSECTION	LEFT	UNPAVED PARKING (AIRSTRIP PARKING)
92.387	92.387	INTERSECTION	LEFT	UNPAVED PARKING (AIRSTRIP PARKING)
92.517	92.517	INTERSECTION	LEFT	ROUTE 0010W (DENALI PARK ROAD - WEST)
92.605	92.605	INTERSECTION	LEFT	ROUTE 0010W (DENALI PARK ROAD - WEST)
92.605	92.605	INTERSECTION	N/A	ROUTE 0010W (DENALI PARK ROAD - WEST)
92.605	92.605	ROUTE END	N/A	TO KANTISHNA AIRSTRIP (END)

ROUTE 0100: RILEY CREEK CAMPGROUND ACCESS ROAD

Notice: Culverts and drop inlets were NOT marked by NPS nor inventoried by RIP in Cycle 5 on the DCV driven routes. Therefore no culverts or drop inlets are reported in Section 9, unless a culvert has a BIP structure number attached to it.

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.000	0.000	ROUTE BEGIN	N/A	FROM ROUTE 0222 (MERCANTILE ACCESS ROAD)
0.000	0.000	INTERSECTION	RIGHT	ROUTE 0222 (MERCANTILE ACCESS ROAD)
0.000	0.000	INTERSECTION	N/A	ROUTE 0222 (MERCANTILE ACCESS ROAD)
0.000	0.000	INTERSECTION	LEFT	ROUTE 0222 (MERCANTILE ACCESS ROAD)
0.008	0.008	SIGN	LEFT	REGULATORY, STOP
0.020	0.020	SIGN	RIGHT	GUIDE, RILEY CREEK CAMPGROUND
0.032	0.039	GUARD/GUIDE WALL	RIGHT	N/A
0.038	0.038	INTERSECTION	RIGHT	ROUTE 0927 (RILEY CREEK CAMPGROUND ACCESS PARKING)
0.062	0.062	SIGN	RIGHT	GUIDE, UNABLE TO READ FROM VIDEO
0.074	0.074	SIGN	RIGHT	REGULATORY, SPEED LIMIT 10
0.090	0.090	SIGN	RIGHT	GUIDE, BEAR LOOP SITES 2-41
0.097	0.097	INTERSECTION	RIGHT	ROUTE 0200C (RILEY CREEK CAMPGROUND LOOP 3)
0.146	0.146	SIGN	RIGHT	GUIDE, WOLF LOOP SITES 42-92
0.154	0.154	INTERSECTION	RIGHT	ROUTE 0200B (RILEY CREEK CAMPGROUND LOOP 2)
0.163	0.163	SIGN	LEFT	REGULATORY, SPEED LIMIT 10
0.182	0.182	INTERSECTION	LEFT	ROUTE 0929B (RILEY CREEK SHUTTLE BUS TURN AROUND)
0.182	0.182	INTERSECTION	RIGHT	ROUTE 0929A (RILEY CREEK SHUTTLE STOP PARKING A)
0.209	0.209	SIGN	RIGHT	GUIDE, CARIBOU LOOP SITES
0.210	0.210	INTERSECTION	LEFT	ROUTE 0928 (RILEY CREEK POST OFFICE PARKING)
0.210	0.210	INTERSECTION	RIGHT	ROUTE 0200A (RILEY CREEK CAMPGROUND LOOP 1)
0.221	0.221	INTERSECTION	N/A	ROUTE 0916A (RILEY CREEK OVERFLOW PARKING)
0.221	0.221	ROUTE END	N/A	TO ROUTE 0916A (RILEY CREEK OVERFLOW PARKING)

ROUTE 0200A: RILEY CREEK CAMPGROUND LOOP 1

<u>Notice:</u> Notice: Culverts and drop inlets were NOT marked by NPS nor inventoried by RIP in Cycle 5 on the DCV driven routes. Therefore no culverts or drop inlets are reported in Section 9, unless a culvert has a BIP structure number attached to it.

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.000	0.000	ROUTE BEGIN	N/A	FROM ROUTE 0100 (RILEY CREEK CAMPGROUND ACCESS ROAD)
0.000	0.000	INTERSECTION	LEFT	ROUTE 0100 (RILEY CREEK CAMPGROUND ACCESS ROAD)
0.000	0.000	INTERSECTION	N/A	ROUTE 0928 (RILEY CREEK POST OFFICE PARKING)
0.000	0.000	INTERSECTION	RIGHT	ROUTE 0100 (RILEY CREEK CAMPGROUND ACCESS ROAD)
0.008	0.008	SIGN	LEFT	REGULATORY, STOP
0.009	0.009	GATE	N/A	N/A
0.018	0.018	SIGN	RIGHT	REGULATORY, SPEED LIMIT 10
0.034	0.554	ONE-WAY	N/A	N/A
0.034	0.034	INTERSECTION	LEFT	ROUTE 0200A (RILEY CREEK CAMPGROUND LOOP 1)
0.098	0.098	INTERSECTION	RIGHT	ROUTE 0926A (RILEY CREEK CAMPGROUND RESTROOM PARKING A)
0.184	0.184	SIGN	RIGHT	GUIDE, SERVICE VEHICLES ONLY
0.185	0.185	INTERSECTION	LEFT	UNPAVED CUT-THRU
0.190	0.190	GATE	N/A	N/A
0.190	0.190	SIGN	LEFT	GUIDE, FOOD LOCKER
0.190	0.190	SIGN	LEFT	GUIDE, GRAPHIC SIGN NO TEXT
0.190	0.190	SIGN	LEFT	GUIDE, GRAPHIC SIGN NO TEXT
0.190	0.190	SIGN	LEFT	GUIDE, NO PARKING
0.190	0.190	SIGN	LEFT	GUIDE, SITES 124-148
0.192	0.192	SIGN	LEFT	GUIDE, NO PRIVATE VEHICLES
0.213	0.213	INTERSECTION	RIGHT	ROUTE 0926B (RILEY CREEK CAMPGROUND RESTROOM PARKING B)
0.242	0.242	SIGN	RIGHT	GUIDE, AMPHITHEATER
0.379	0.379	GATE	N/A	N/A
0.379	0.379	SIGN	LEFT	GUIDE, GRAPHIC SIGN NO TEXT
0.379	0.379	SIGN	LEFT	GUIDE, NO PARKING
0.379	0.379	SIGN	LEFT	GUIDE, SITES 124-148
0.383	0.383	INTERSECTION	LEFT	UNPAVED CUT-THRU
0.470	0.470	SIGN	LEFT	GUIDE, GRAPHIC SIGN NO TEXT
0.554	0.554	INTERSECTION	LEFT	ROUTE 0200A (RILEY CREEK CAMPGROUND LOOP 1)

ROUTE 0200A: RILEY CREEK CAMPGROUND LOOP 1

Notice: Notice: Culverts and drop inlets were NOT marked by NPS nor inventoried by RIP in Cycle 5 on the DCV driven routes. Therefore no culverts or drop inlets are reported in Section 9, unless a culvert has a BIP structure number attached to it.

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.554	0.554	INTERSECTION	RIGHT	ROUTE 0200A (RILEY CREEK CAMPGROUND LOOP 1)
0.554	0.554	ROUTE END	N/A	TO END OF LOOP

ROUTE 0200B: RILEY CREEK CAMPGROUND LOOP 2

Notice: Culverts and drop inlets were NOT marked by NPS nor inventoried by RIP in Cycle 5 on the DCV driven routes. Therefore no culverts or drop inlets are reported in Section 9, unless a culvert has a BIP structure number attached to it.

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.000	0.000	ROUTE BEGIN	N/A	FROM ROUTE 0100 (RILEY CREEK CAMPGROUND ACCESS ROAD)
0.000	0.000	INTERSECTION	LEFT	ROUTE 0100 (RILEY CREEK CAMPGROUND ACCESS ROAD)
0.000	0.000	INTERSECTION	RIGHT	ROUTE 0100 (RILEY CREEK CAMPGROUND ACCESS ROAD)
0.010	0.010	SIGN	LEFT	REGULATORY, STOP
0.016	0.016	GATE	N/A	N/A
0.017	0.017	SIGN	LEFT	GUIDE, NO CAMPING
0.022	0.022	SIGN	RIGHT	REGULATORY, SPEED LIMIT 10
0.027	0.027	INTERSECTION	LEFT	ROUTE 0200B (RILEY CREEK CAMPGROUND LOOP 2)
0.027	0.524	ONE-WAY	N/A	N/A
0.194	0.200	GUARD/GUIDE WALL	LEFT	N/A
0.215	0.223	GUARD/GUIDE WALL	LEFT	N/A
0.262	0.262	SIGN	RIGHT	GUIDE, AMPHITHEATER
0.303	0.303	SIGN	RIGHT	GUIDE, GRAPHIC SIGN NO TEXT
0.312	0.317	GUARD/GUIDE WALL	RIGHT	N/A
0.434	0.445	DEBRIS ON ROAD	N/A	N/A
0.449	0.456	GUARD/GUIDE WALL	LEFT	N/A
0.474	0.484	DEBRIS ON ROAD	N/A	N/A
0.524	0.524	INTERSECTION	RIGHT	ROUTE 0200B (RILEY CREEK CAMPGROUND LOOP 2)
0.524	0.524	ROUTE END	N/A	TO END OF LOOP

ROUTE 0201: WILDERNESS ACCESS CENTER ACCESS ROAD

Notice: Notice: Culverts and drop inlets were NOT marked by NPS nor inventoried by RIP in Cycle 5 on the DCV driven routes. Therefore no culverts or drop inlets are reported in Section 9, unless a culvert has a BIP structure number attached to it.

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.000	0.000	ROUTE BEGIN	N/A	FROM ROUTE 0010EZZ (DENALI PARK ROADS - EAST) AT MP 0.75
0.000	0.000	INTERSECTION	LEFT	ROUTE 0010EZZ (DENALI PARK ROADS - EAST)
0.000	0.000	INTERSECTION	RIGHT	ROUTE 0010EZZ (DENALI PARK ROADS - EAST)
0.000	0.000	SIGN	N/A	GUIDE, RILEY CREEK PARK EXIT VISITOR CENTER CAMPUS
0.021	0.021	SIGN	RIGHT	REGULATORY, SPEED LIMIT 15
0.059	0.059	INTERSECTION	RIGHT	ROUTE 0901CZ (WILDERNESS ACCESS CENTER UPPER PARKING C)
0.064	0.064	SIGN	RIGHT	GUIDE, SERVICE ROAD AUTHORIZED VEHICLES ONLY
0.101	0.101	INTERSECTION	RIGHT	ROUTE 0901BZ (WILDERNESS ACCESS CENTER UPPER PARKING B)
0.107	0.107	SIGN	RIGHT	GUIDE, VISITORS PARKING BUSES ONLY
0.111	0.111	SIGN	LEFT	REGULATORY, SPEED LIMIT 15
0.128	0.128	INTERSECTION	RIGHT	ROUTE 0901BZ (WILDERNESS ACCESS CENTER UPPER PARKING B)
0.179	0.179	SIGN	RIGHT	REGULATORY, SPEED LIMIT 15
0.181	0.181	SIGN	LEFT	REGULATORY, UNABLE TO READ FROM VIDEO
0.230	0.230	SIGN	RIGHT	GUIDE, RV PARKING AUTOS ONLY
0.232	0.232	SIGN	LEFT	REGULATORY, SPEED LIMIT 15
0.250	0.250	INTERSECTION	RIGHT	ROUTE 0901AZ (WILDERNESS ACCESS CENTER UPPER PARKING A)
0.264	0.264	SIGN	RIGHT	GUIDE, NO OVERNIGHT PARKING OR CAMPING
0.284	0.286	CURB	N/A	N/A
0.286	0.286	INTERSECTION	N/A	ROUTE 0900Z (WILDERNESS ACCESS CENTER LOWER PARKING)
0.286	0.286	ROUTE END	N/A	TO ROUTE 0900ZZ (WILDERNESS ACCESS CENTER LOWER PARKING AREAS)

ROUTE 0203: HEADQUARTERS ACCESS ROAD

Notice: Notice: Culverts and drop inlets were NOT marked by NPS nor inventoried by RIP in Cycle 5 on the DCV driven routes. Therefore no culverts or drop inlets are reported in Section 9, unless a culvert has a BIP structure number attached to it.

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.000	0.000	ROUTE BEGIN	N/A	FROM ROUTE 0010EZZ (DENALI PARK ROADS - EAST) MP 3.32
0.000	0.000	INTERSECTION	LEFT	ROUTE 0010EZZ (DENALI PARK ROADS - EAST)
0.000	0.000	INTERSECTION	RIGHT	ROUTE 0010EZZ (DENALI PARK ROADS - EAST)
0.006	0.006	SIGN	LEFT	REGULATORY, STOP
0.011	0.011	SIGN	RIGHT	GUIDE, HEADQUARTERS DENALI NATIONAL PARK AND PRESERVE UNITED STATES DEPARTMENT OF THE INTERIOR ELEV 2040 M
0.014	0.014	INTERSECTION	RIGHT	ROUTE 0910 (HEADQUARTERS FLAGPOLE SHUTTLE STOP PARKING)
0.025	0.025	SIGN	RIGHT	GUIDE, AUTHORIZED VEHICLES ONLY BEYOND THIS POINT
0.025	0.025	SIGN	RIGHT	GUIDE, SLED DOG KENNELS DEMONSTRATIONS AT 10 00-2 00-4 00
0.025	0.025	SIGN	RIGHT	GUIDE, VISITOR PARKING
0.034	0.034	SIGN	RIGHT	REGULATORY, SPEED LIMIT 10
0.060	0.060	INTERSECTION	LEFT	UNPAVED ROUTE
0.076	0.076	INTERSECTION	RIGHT	ROUTE 0905AZ (HEADQUARTERS PARKING A)
0.078	0.078	INTERSECTION	RIGHT	ROUTE 0408 (HEADQUARTERS ADMINISTRATION ACCESS ROAD)
0.083	0.083	INTERSECTION	RIGHT	ROUTE 0905BZ (HEADQUARTERS PARKING B)
0.088	0.088	INTERSECTION	LEFT	ROUTE 0905CZ (HEADQUARTERS PARKING C)
0.108	0.108	INTERSECTION	RIGHT	UNPAVED PARKING
0.112	0.112	INTERSECTION	LEFT	ROUTE 0407Z (HEADQUARTERS HOUSING AREA ROAD)
0.120	0.120	GATE	N/A	N/A
0.120	0.120	INTERSECTION	N/A	ROUTE 0203 (HEADQUARTERS ACCESS ROAD) UNPAVED SECTION
0.120	0.120	SIGN	RIGHT	GUIDE, NO PRIVATE VEHICLES BEYOND THIS POINT
0.120	0.120	ROUTE END	N/A	TO END AT DOG SLED AREA ON RIGHT AT MP 0.20

ROUTE 0222: MERCANTILE ACCESS ROAD

Notice: Notice: Culverts and drop inlets were NOT marked by NPS nor inventoried by RIP in Cycle 5 on the DCV driven routes. Therefore no culverts or drop inlets are reported in Section 9, unless a culvert has a BIP structure number attached to it.

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.000	0.000	ROUTE BEGIN	N/A	FROM ROUTE 0010EZZ (DENALI PARK ROADS - EAST) AT MP 0.4 ON LEFT
0.000	0.000	SIGN	N/A	GUIDE, BUS TICKETS AND BOARDING VISITOR CENTER CAMPUS PARK EXIT
0.000	0.000	INTERSECTION	LEFT	ROUTE 0010EZZ (DENALI PARK ROADS - EAST)
0.000	0.000	INTERSECTION	RIGHT	ROUTE 0010EZZ (DENALI PARK ROADS - EAST)
0.000	0.407	ONE-WAY	N/A	N/A
0.005	0.007	CURB	N/A	N/A
0.008	0.038	CURB	N/A	N/A
0.023	0.023	SIGN	RIGHT	REGULATORY, SPEED LIMIT 10
0.035	0.035	INTERSECTION	LEFT	PAVED SPUR
0.036	0.036	SIGN	N/A	GUIDE, RILEY CREEK CAMPGROUND ALL CAMPGROUND REGISTRATION MERCANTILE/ RV DUMPSTATION
0.045	0.045	INTERSECTION	LEFT	PAVED SPUR
0.064	0.064	SIGN	RIGHT	GUIDE, DENALI NATIONAL PARK AND PRESERVE
0.153	0.153	SIGN	RIGHT	GUIDE, RILEY CREEK MERCANTILE RV DUMP STATION
0.163	0.163	INTERSECTION	LEFT	ROUTE 0423 (MERCANTILE SERVICE ROAD)
0.229	0.237	CURB	N/A	N/A
0.231	0.231	SIGN	N/A	WARNING, UNABLE TO READ FROM VIDEO
0.231	0.231	SIGN	N/A	REGULATORY, NOTICE DUMPING OF TOXIC CHEMICALS IS PROHIBITED
0.231	0.231	SIGN	N/A	REGULATORY, UNABLE TO READ FROM VIDEO
0.232	0.232	SIGN	N/A	GUIDE, UNABLE TO READ FROM VIDEO
0.232	0.232	SIGN	N/A	REGULATORY, GRAPHIC SIGN NO TEXT
0.232	0.241	CURB	N/A	N/A
0.233	0.233	SIGN	N/A	GUIDE, UNABLE TO READ FROM VIDEO
0.233	0.233	SIGN	N/A	REGULATORY, NOTICE DUMPING OF TOXIC CHEMICALS IS PROHIBITED
0.233	0.233	SIGN	N/A	WARNING, UNABLE TO READ FROM VIDEO
0.234	0.234	INTERSECTION	LEFT	ROUTE 0971BZ (MERCANTILE DUMP STATION B)
0.234	0.234	INTERSECTION	RIGHT	ROUTE 0971AZ (MERCANTILE DUMP STATION A)
0.235	0.235	SIGN	N/A	REGULATORY, GRAPHIC SIGN NO TEXT

ROUTE 0222: MERCANTILE ACCESS ROAD

Notice: Notice: Culverts and drop inlets were NOT marked by NPS nor inventoried by RIP in Cycle 5 on the DCV driven routes. Therefore no culverts or drop inlets are reported in Section 9, unless a culvert has a BIP structure number attached to it.

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.235	0.235	SIGN	N/A	GUIDE, UNABLE TO READ FROM VIDEO
0.236	0.236	SIGN	N/A	GUIDE, UNABLE TO READ FROM VIDEO
0.241	0.241	SIGN	N/A	GUIDE, UNABLE TO READ FROM VIDEO
0.251	0.251	SIGN	LEFT	GUIDE, ONE WAY DO NOT ENTER
0.259	0.259	INTERSECTION	LEFT	ROUTE 0423 (MERCANTILE SERVICE ROAD)
0.259	0.259	INTERSECTION	RIGHT	ROUTE 0423 (MERCANTILE SERVICE ROAD)
0.276	0.276	INTERSECTION	RIGHT	ROUTE 0972 (MERCANTILE STORE PARKING AREA)
0.308	0.308	INTERSECTION	RIGHT	ROUTE 0972 (MERCANTILE STORE PARKING AREA)
0.335	0.343	CURB	RIGHT	N/A
0.338	0.338	SIGN	LEFT	GUIDE, UNABLE TO READ FROM VIDEO
0.339	0.339	INTERSECTION	RIGHT	ROUTE 0972 (MERCANTILE STORE PARKING AREA)
0.347	0.347	SIGN	RIGHT	GUIDE, RILEY CREEK CAMPGROUND
0.348	0.348	INTERSECTION	RIGHT	ROUTE 0423 (MERCANTILE SERVICE ROAD)
0.352	0.352	SIGN	LEFT	REGULATORY, DO NOT ENTER
0.352	0.352	SIGN	RIGHT	REGULATORY, STOP
0.366	0.366	INTERSECTION	LEFT	ROUTE 0222 (MERCANTILE ACCESS ROAD)
0.366	0.366	INTERSECTION	RIGHT	ROUTE 0100 (RILEY CREEK CAMPGROUND ACCESS ROAD)
0.366	0.397	CURB	N/A	N/A
0.398	0.398	SIGN	RIGHT	REGULATORY, STOP
0.398	0.401	CURB	N/A	N/A
0.407	0.407	INTERSECTION	LEFT	ROUTE 0010EZZ (DENALI PARK ROADS - EAST)
0.407	0.407	INTERSECTION	RIGHT	ROUTE 0010EZZ (DENALI PARK ROADS - EAST)
0.407	0.407	SIGN	N/A	GUIDE, BUS TICKETS AND BOARDING VISITOR CENTER CAMPUS PARK EXIT
0.407	0.407	ROUTE END	N/A	TO ROUTE 0010EZZ (DENALI PARK ROADS - EAST)

ROUTE 0223AZ: DEPOT ACCESS ROAD

<u>Notice:</u> Notice: Culverts and drop inlets were NOT marked by NPS nor inventoried by RIP in Cycle 5 on the DCV driven routes. Therefore no culverts or drop inlets are reported in Section 9, unless a culvert has a BIP structure number attached to it.

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.000	0.000	ROUTE BEGIN	N/A	FROM ROUTE 0010EOZ (DENALI PARK ROAD - EAST OPPOSITE DIRECTION AT ROUNDABOUT)
0.000	0.013	CURB-AND-GUTTER	N/A	N/A
0.000	0.000	INTERSECTION	RIGHT	ROUTE 0010EOZ (DENALI PARK ROAD - EAST OPPOSITE DIRECTION AT ROUNDABOUT)
0.000	0.000	INTERSECTION	LEFT	ROUTE 0010EOZ (DENALI PARK ROAD - EAST OPPOSITE DIRECTION AT ROUNDABOUT)
0.007	0.007	INTERSECTION	LEFT	ROUTE 0223AZ (DEPOT ACCESS ROAD) OPPOSITE LANE
0.011	0.011	SIGN	N/A	REGULATORY, GRAPHIC SIGN NO TEXT
0.024	0.024	SIGN	LEFT	WARNING, 15 M.P.H.
0.024	0.024	SIGN	LEFT	WARNING, GRAPHIC SIGN NO TEXT
0.037	0.037	SIGN	LEFT	GUIDE, PARK ROAD VISITOR CENTER CAMPUS PARK EXIT
0.043	0.043	SIGN	RIGHT	REGULATORY, SPEED LIMIT 20
0.063	0.063	SIGN	RIGHT	WARNING, GRAPHIC SIGN NO TEXT
0.072	0.072	SIGN	LEFT	WARNING, GRAPHIC SIGN NO TEXT
0.080	0.080	INTERSECTION	LEFT	UNPAVED ROUTE
0.095	0.095	INTERSECTION	RIGHT	ROUTE 0223BZ (DEPOT BUS DROP OFF ROAD)
0.096	0.096	SIGN	LEFT	WARNING, GRAPHIC SIGN NO TEXT
0.121	0.121	SIGN	RIGHT	GUIDE, ALL UNAUTHORIZED VEHICLES WILL BE TOWED AT OWNER'S EXPENSE
0.141	0.141	INTERSECTION	LEFT	PAVED PARKING (TRAIN DEPOT PARKING / NON NPS)
0.145	0.145	SIGN	RIGHT	WARNING, GRAPHIC SIGN NO TEXT
0.169	0.169	SIGN	RIGHT	REGULATORY, DO NOT ENTER
0.171	0.171	INTERSECTION	RIGHT	ROUTE 0223BZ (DEPOT BUS DROP OFF ROAD)
0.178	0.178	SIGN	RIGHT	REGULATORY, DO NOT ENTER
0.195	0.195	INTERSECTION	LEFT	PAVED PARKING (TRAIN DEPOT PARKING / NON NPS)
0.202	0.202	INTERSECTION	LEFT	PAVED PARKING (TRAIN DEPOT PARKING / NON NPS)
0.232	0.232	SIGN	RIGHT	REGULATORY, KEEP RIGHT
0.245	0.416	ONE-WAY	N/A	N/A
0.245	0.245	INTERSECTION	LEFT	ROUTE 0223AZ (DEPOT ACCESS ROAD)
0.255	0.255	SIGN	LEFT	REGULATORY, DO NOT ENTER

ROUTE 0223AZ: DEPOT ACCESS ROAD

Notice: Culverts and drop inlets were NOT marked by NPS nor inventoried by RIP in Cycle 5 on the DCV driven routes. Therefore no culverts or drop inlets are reported in Section 9, unless a culvert has a BIP structure number attached to it.

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.295	0.303	GUARD/GUIDE WALL	RIGHT	N/A
0.305	0.305	INTERSECTION	RIGHT	UNPAVED ROUTE
0.340	0.340	INTERSECTION	RIGHT	UNPAVED ROUTE
0.371	0.371	INTERSECTION	RIGHT	PAVED PARKING (TRAIN DEPOT PARKING / NON NPS)
0.402	0.402	SIGN	LEFT	REGULATORY, DO NOT ENTER
0.416	0.416	INTERSECTION	LEFT	ROUTE 0223AZ (DEPOT ACCESS ROAD)
0.416	0.416	INTERSECTION	N/A	ROUTE 0223AZ (DEPOT ACCESS ROAD)
0.416	0.416	ROUTE END	N/A	TO END OF LOOP
				,

ROUTE 0223BZ: DEPOT BUS DROP OFF ROAD

Notice: Notice: Culverts and drop inlets were NOT marked by NPS nor inventoried by RIP in Cycle 5 on the DCV driven routes. Therefore no culverts or drop inlets are reported in Section 9, unless a culvert has a BIP structure number attached to it.

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.000	0.000	ROUTE BEGIN	N/A	FROM ROUTE 0223AZ (DEPOT ACCESS ROAD) AT MP 0.09
0.000	0.000	SIGN	LEFT	WARNING, GRAPHIC SIGN NO TEXT
0.000	0.000	INTERSECTION	RIGHT	ROUTE 0223AZ (DEPOT ACCESS ROAD)
0.000	0.000	INTERSECTION	LEFT	ROUTE 0223AZ (DEPOT ACCESS ROAD)
0.000	0.093	ONE-WAY	N/A	N/A
0.042	0.042	INTERSECTION	RIGHT	ROUTE 0427 (DENALI VISITOR CENTER CONCESSIONS GROUNDS ACCESS ROAD)
0.065	0.082	GUARD/GUIDE WALL	RIGHT	N/A
0.092	0.092	SIGN	RIGHT	REGULATORY, STOP
0.093	0.093	INTERSECTION	LEFT	ROUTE 0223AZ (DEPOT ACCESS ROAD)
0.093	0.093	INTERSECTION	RIGHT	ROUTE 0223AZ (DEPOT ACCESS ROAD)
0.093	0.093	ROUTE END	N/A	TO ROUTE 0223AZ (DEPOT ACCESS ROAD) AT MP 0.165

ROUTE 0224: MOUNTAIN VISTA LOOP ROAD

Notice: Notice: Culverts and drop inlets were NOT marked by NPS nor inventoried by RIP in Cycle 5 on the DCV driven routes. Therefore no culverts or drop inlets are reported in Section 9, unless a culvert has a BIP structure number attached to it.

12.67	FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.000 0.000 INTERSECTION RIGHT ROUTE 0010EZZ (DENALI PARK ROADS - EAST) 0.005 0.005 SIGN LEFT REGULATORY, STOP 0.041 0.041 INTERSECTION LEFT ROUTE 0224 (MOUNTAIN VISTA LOOP ROAD) 0.041 0.282 ONE-WAY N/A N/A 0.053 0.053 INTERSECTION RIGHT ROUTE 0980 (MOUNTAIN VISTA LOOP ROAD PARKING 0.078 SIGN LEFT REGULATORY, DO NOT ENTER 0.099 0.099 INTERSECTION RIGHT ROUTE 0980 (MOUNTAIN VISTA LOOP ROAD PARKING 0.114 0.114 SIGN RIGHT ROUTE 0980 (MOUNTAIN VISTA LOOP ROAD PARKING 0.139 0.125 INTERSECTION RIGHT ROUTE 0980 (MOUNTAIN VISTA LOOP ROAD PARKING 0.150 0.150 INTERSECTION RIGHT ROUTE 0980 (MOUNTAIN VISTA LOOP ROAD PARKING 0.278 0.278 SIGN RIGHT REGULATORY, STOP 0.278 SIGN RIGHT REGULATORY, UNABLE TO READ FROM VIDEO 0.282 INTERSECTION RIGHT ROUTE 0224 (MOUNTA	0.000	0.000	ROUTE BEGIN	N/A	FROM ROUTE 0010EZZ (DENALI PARK ROADS - EAST) AT MP 12.67
0.005 0.005 SIGN LEFT REGULATORY, STOP 0.041 0.041 INTERSECTION LEFT ROUTE 0224 (MOUNTAIN VISTA LOOP ROAD) 0.041 0.282 ONE-WAY N/A N/A 0.053 0.053 INTERSECTION RIGHT ROUTE 0980 (MOUNTAIN VISTA LOOP ROAD PARKING 0.078 0.078 SIGN LEFT REGULATORY, DO NOT ENTER 0.099 0.099 INTERSECTION RIGHT ROUTE 0980 (MOUNTAIN VISTA LOOP ROAD PARKING 0.114 0.114 SIGN RIGHT ROUTE 0980 (MOUNTAIN VISTA LOOP ROAD PARKING 0.139 0.139 SIGN N/A REGULATORY, ONE WAY 0.150 INTERSECTION RIGHT ROUTE 0980 (MOUNTAIN VISTA LOOP ROAD PARKING 0.278 0.278 SIGN RIGHT REGULATORY, STOP 0.278 0.278 SIGN RIGHT REGULATORY, UNABLE TO READ FROM VIDEO 0.282 0.282 INTERSECTION RIGHT ROUTE 0224 (MOUNTAIN VISTA LOOP ROAD)	0.000	0.000	INTERSECTION	LEFT	ROUTE 0010EZZ (DENALI PARK ROADS - EAST)
0.041 0.041 INTERSECTION LEFT ROUTE 0224 (MOUNTAIN VISTA LOOP ROAD) 0.041 0.282 ONE-WAY N/A N/A 0.053 0.053 INTERSECTION RIGHT ROUTE 0980 (MOUNTAIN VISTA LOOP ROAD PARKING 0.078 0.078 SIGN LEFT REGULATORY, DO NOT ENTER 0.099 0.099 INTERSECTION RIGHT ROUTE 0980 (MOUNTAIN VISTA LOOP ROAD PARKING 0.114 0.114 SIGN RIGHT ROUTE 0980 (MOUNTAIN VISTA LOOP ROAD PARKING 0.139 0.139 SIGN N/A REGULATORY, ONE WAY 0.150 INTERSECTION RIGHT ROUTE 0980 (MOUNTAIN VISTA LOOP ROAD PARKING 0.278 0.278 SIGN RIGHT REGULATORY, STOP 0.278 0.278 SIGN RIGHT REGULATORY, UNABLE TO READ FROM VIDEO 0.282 0.282 INTERSECTION RIGHT ROUTE 0224 (MOUNTAIN VISTA LOOP ROAD)	0.000	0.000	INTERSECTION	RIGHT	ROUTE 0010EZZ (DENALI PARK ROADS - EAST)
0.041 0.282 ONE-WAY N/A N/A 0.053 0.053 INTERSECTION RIGHT ROUTE 0980 (MOUNTAIN VISTA LOOP ROAD PARKING 0.078 0.078 SIGN LEFT REGULATORY, DO NOT ENTER 0.099 0.099 INTERSECTION RIGHT ROUTE 0980 (MOUNTAIN VISTA LOOP ROAD PARKING 0.114 0.114 SIGN RIGHT ROUTE 0980 (MOUNTAIN VISTA LOOP ROAD PARKING 0.125 0.125 INTERSECTION RIGHT ROUTE 0980 (MOUNTAIN VISTA LOOP ROAD PARKING 0.150 0.150 INTERSECTION RIGHT ROUTE 0980 (MOUNTAIN VISTA LOOP ROAD PARKING 0.278 0.278 SIGN RIGHT REGULATORY, STOP 0.278 0.278 SIGN RIGHT REGULATORY, UNABLE TO READ FROM VIDEO 0.282 0.282 INTERSECTION RIGHT ROUTE 0224 (MOUNTAIN VISTA LOOP ROAD)	0.005	0.005	SIGN	LEFT	REGULATORY, STOP
0.053 0.053 INTERSECTION RIGHT ROUTE 0980 (MOUNTAIN VISTA LOOP ROAD PARKING 0.078 0.078 SIGN LEFT REGULATORY, DO NOT ENTER 0.099 0.099 INTERSECTION RIGHT ROUTE 0980 (MOUNTAIN VISTA LOOP ROAD PARKING 0.114 0.114 SIGN RIGHT REGULATORY, ONE WAY 0.125 0.125 INTERSECTION RIGHT ROUTE 0980 (MOUNTAIN VISTA LOOP ROAD PARKING 0.139 0.139 SIGN N/A REGULATORY, ONE WAY 0.150 0.150 INTERSECTION RIGHT ROUTE 0980 (MOUNTAIN VISTA LOOP ROAD PARKING 0.278 0.278 SIGN RIGHT REGULATORY, STOP 0.278 0.278 SIGN RIGHT REGULATORY, UNABLE TO READ FROM VIDEO 0.282 0.282 INTERSECTION RIGHT ROUTE 0224 (MOUNTAIN VISTA LOOP ROAD)	0.041	0.041	INTERSECTION	LEFT	ROUTE 0224 (MOUNTAIN VISTA LOOP ROAD)
0.0780.078SIGNLEFTREGULATORY, DO NOT ENTER0.0990.099INTERSECTIONRIGHTROUTE 0980 (MOUNTAIN VISTA LOOP ROAD PARKING0.1140.114SIGNRIGHTREGULATORY, ONE WAY0.1250.125INTERSECTIONRIGHTROUTE 0980 (MOUNTAIN VISTA LOOP ROAD PARKING0.1390.139SIGNN/AREGULATORY, ONE WAY0.1500.150INTERSECTIONRIGHTROUTE 0980 (MOUNTAIN VISTA LOOP ROAD PARKING0.2780.278SIGNRIGHTREGULATORY, STOP0.2780.278SIGNRIGHTREGULATORY, UNABLE TO READ FROM VIDEO0.2820.282INTERSECTIONRIGHTROUTE 0224 (MOUNTAIN VISTA LOOP ROAD)	0.041	0.282	ONE-WAY	N/A	N/A
0.099 0.099 INTERSECTION RIGHT ROUTE 0980 (MOUNTAIN VISTA LOOP ROAD PARKING 0.114 0.114 SIGN RIGHT REGULATORY, ONE WAY 0.125 0.125 INTERSECTION RIGHT ROUTE 0980 (MOUNTAIN VISTA LOOP ROAD PARKING 0.139 0.139 SIGN N/A REGULATORY, ONE WAY 0.150 0.150 INTERSECTION RIGHT ROUTE 0980 (MOUNTAIN VISTA LOOP ROAD PARKING 0.278 SIGN RIGHT REGULATORY, STOP 0.278 SIGN RIGHT REGULATORY, UNABLE TO READ FROM VIDEO 0.282 0.282 INTERSECTION RIGHT ROUTE 0224 (MOUNTAIN VISTA LOOP ROAD)	0.053	0.053	INTERSECTION	RIGHT	ROUTE 0980 (MOUNTAIN VISTA LOOP ROAD PARKING)
0.114 0.114 SIGN RIGHT REGULATORY, ONE WAY 0.125 0.125 INTERSECTION RIGHT ROUTE 0980 (MOUNTAIN VISTA LOOP ROAD PARKING 0.139 0.139 SIGN N/A REGULATORY, ONE WAY 0.150 0.150 INTERSECTION RIGHT ROUTE 0980 (MOUNTAIN VISTA LOOP ROAD PARKING 0.278 SIGN RIGHT REGULATORY, STOP 0.278 0.278 SIGN RIGHT REGULATORY, UNABLE TO READ FROM VIDEO 0.282 0.282 INTERSECTION RIGHT ROUTE 0224 (MOUNTAIN VISTA LOOP ROAD)	0.078	0.078	SIGN	LEFT	REGULATORY, DO NOT ENTER
0.125 0.125 INTERSECTION RIGHT ROUTE 0980 (MOUNTAIN VISTA LOOP ROAD PARKING 0.139 0.139 SIGN N/A REGULATORY, ONE WAY 0.150 0.150 INTERSECTION RIGHT ROUTE 0980 (MOUNTAIN VISTA LOOP ROAD PARKING 0.278 SIGN RIGHT REGULATORY, STOP 0.278 0.278 SIGN RIGHT REGULATORY, UNABLE TO READ FROM VIDEO 0.282 0.282 INTERSECTION RIGHT ROUTE 0224 (MOUNTAIN VISTA LOOP ROAD)	0.099	0.099	INTERSECTION	RIGHT	ROUTE 0980 (MOUNTAIN VISTA LOOP ROAD PARKING)
0.1390.139SIGNN/AREGULATORY, ONE WAY0.1500.150INTERSECTIONRIGHTROUTE 0980 (MOUNTAIN VISTA LOOP ROAD PARKING0.2780.278SIGNRIGHTREGULATORY, STOP0.2780.278SIGNRIGHTREGULATORY, UNABLE TO READ FROM VIDEO0.2820.282INTERSECTIONRIGHTROUTE 0224 (MOUNTAIN VISTA LOOP ROAD)	0.114	0.114	SIGN	RIGHT	REGULATORY, ONE WAY
0.1500.150INTERSECTIONRIGHTROUTE 0980 (MOUNTAIN VISTA LOOP ROAD PARKING0.2780.278SIGNRIGHTREGULATORY, STOP0.2780.278SIGNRIGHTREGULATORY, UNABLE TO READ FROM VIDEO0.2820.282INTERSECTIONRIGHTROUTE 0224 (MOUNTAIN VISTA LOOP ROAD)	0.125	0.125	INTERSECTION	RIGHT	ROUTE 0980 (MOUNTAIN VISTA LOOP ROAD PARKING)
0.278 0.278 SIGN RIGHT REGULATORY, STOP 0.278 0.278 SIGN RIGHT REGULATORY, UNABLE TO READ FROM VIDEO 0.282 0.282 INTERSECTION RIGHT ROUTE 0224 (MOUNTAIN VISTA LOOP ROAD)	0.139	0.139	SIGN	N/A	REGULATORY, ONE WAY
0.278 0.278 SIGN RIGHT REGULATORY, UNABLE TO READ FROM VIDEO 0.282 0.282 INTERSECTION RIGHT ROUTE 0224 (MOUNTAIN VISTA LOOP ROAD)	0.150	0.150	INTERSECTION	RIGHT	ROUTE 0980 (MOUNTAIN VISTA LOOP ROAD PARKING)
0.282 0.282 INTERSECTION RIGHT ROUTE 0224 (MOUNTAIN VISTA LOOP ROAD)	0.278	0.278	SIGN	RIGHT	REGULATORY, STOP
	0.278	0.278	SIGN	RIGHT	REGULATORY, UNABLE TO READ FROM VIDEO
0.282 0.282 INTERSECTION LEFT ROUTE 0224 (MOUNTAIN VISTA LOOP ROAD)	0.282	0.282	INTERSECTION	RIGHT	ROUTE 0224 (MOUNTAIN VISTA LOOP ROAD)
	0.282	0.282	INTERSECTION	LEFT	ROUTE 0224 (MOUNTAIN VISTA LOOP ROAD)
0.282	0.282	0.282	ROUTE END	N/A	TO END OF LOOP

ROUTE 0404: FRONT COUNTRY WATER SUPPLY ROAD

Notice: Notice: Culverts and drop inlets were NOT marked by NPS nor inventoried by RIP in Cycle 5 on the DCV driven routes. Therefore no culverts or drop inlets are reported in Section 9, unless a culvert has a BIP structure number attached to it.

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.000	0.000	ROUTE BEGIN	N/A	FROM ROUTE 0010EZZ (DENALI PARK ROADS - EAST) AT MP 1.53
0.000	0.000	INTERSECTION	RIGHT	ROUTE 0010EZZ (DENALI PARK ROADS - EAST)
0.000	0.000	INTERSECTION	LEFT	ROUTE 0010EZZ (DENALI PARK ROADS - EAST)
0.005	0.005	SIGN	LEFT	REGULATORY, STOP
0.011	0.011	SIGN	RIGHT	GUIDE, SERVICE ROAD BUSES ONLY
0.011	0.011	SIGN	RIGHT	REGULATORY, SPEED LIMIT 5
0.021	0.021	SIGN	RIGHT	REGULATORY, DO NOT ENTER
0.021	0.021	SIGN	RIGHT	REGULATORY, ONE WAY
0.023	0.023	INTERSECTION	RIGHT	ROUTE 0973 (MURIE SCIENCE AND LEARNING CENTER PARKING)
0.028	0.028	SIGN	RIGHT	REGULATORY, ONE WAY
0.060	0.060	SIGN	RIGHT	WARNING, GRAPHIC SIGN NO TEXT
0.068	0.068	INTERSECTION	RIGHT	ROUTE 0426 (CONCESSIONS SUGARLOAF HALL ACCESS ROAD)
0.072	0.072	SIGN	LEFT	REGULATORY, SPEED LIMIT 5
0.088	0.088	INTERSECTION	RIGHT	ROUTE 0920 (BUS MAINTENANCE WEST PARKING LOT)
0.089	0.089	SIGN	LEFT	WARNING, GRAPHIC SIGN NO TEXT
0.098	0.098	SIGN	RIGHT	WARNING, GRAPHIC SIGN NO TEXT
0.099	0.099	INTERSECTION	LEFT	ROUTE 0921 (CONCESSIONS EMPLOYEE PARKING LOT)
0.105	0.105	SIGN	LEFT	REGULATORY, ONE WAY
0.107	0.107	SIGN	LEFT	WARNING, GRAPHIC SIGN NO TEXT
0.128	0.128	SIGN	RIGHT	WARNING, GRAPHIC SIGN NO TEXT
0.133	0.133	INTERSECTION	RIGHT	ROUTE 0920 (BUS MAINTENANCE WEST PARKING LOT)
0.137	0.137	INTERSECTION	LEFT	ROUTE 0922 (CONCESSIONS BUS FLEET PARKING LOT)
0.141	0.141	SIGN	LEFT	REGULATORY, ONE WAY
0.143	0.143	INTERSECTION	N/A	ROUTE 0404 (FRONT COUNTRY WATER SUPPLY ROAD) UNPAVED SECTION
0.143	0.143	SIGN	LEFT	WARNING, UNABLE TO READ FROM VIDEO
0.143	0.143	ROUTE END	N/A	TO PUMPHOUSE AT END AT MP 0.78

ROUTE 0405: C CAMP RESIDENCE AND MAINTENANCE ROAD

Notice: Culverts and drop inlets were NOT marked by NPS nor inventoried by RIP in Cycle 5 on the DCV driven routes. Therefore no culverts or drop inlets are reported in Section 9, unless a culvert has a BIP structure number attached to it.

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.000	0.000	ROUTE BEGIN	N/A	FROM ROUTE 0010EZZ (DENALI PARK ROADS - EAST)
0.000	0.000	INTERSECTION	LEFT	ROUTE 0010EZZ (DENALI PARK ROADS - EAST)
0.000	0.000	INTERSECTION	RIGHT	ROUTE 0010EZZ (DENALI PARK ROADS - EAST)
0.013	0.013	SIGN	LEFT	GUIDE, UNABLE TO READ FROM VIDEO
0.014	0.014	SIGN	LEFT	REGULATORY, STOP
0.016	0.016	SIGN	RIGHT	GUIDE, RESIDENTIAL AREA NO THOROUGHFARE
0.023	0.023	INTERSECTION	RIGHT	UNPAVED ROUTE
0.052	0.052	INTERSECTION	LEFT	ROUTE 0418 (C CAMP RESIDENCE ROAD)
0.071	0.071	INTERSECTION	RIGHT	UNPAVED PARKING
0.139	0.139	INTERSECTION	LEFT	UNPAVED PARKING
0.145	0.145	INTERSECTION	RIGHT	UNPAVED PARKING
0.180	0.180	INTERSECTION	RIGHT	ROUTE 0935A (MAINTENANCE FUELING ISLAND)
0.188	0.188	INTERSECTION	N/A	ROUTE 0933 (AUTO SHOP MAINTENANCE PARKING)
0.188	0.188	INTERSECTION	RIGHT	ROUTE 0935B (MAINTENANCE EQUIPMENT PARKING)
0.188	0.188	ROUTE END	N/A	TO ROUTE 0936 (B AND U PAD PARKING)

ROUTE 0407AZ: HEADQUARTERS HOUSING AREA ROAD A

Notice: Culverts and drop inlets were NOT marked by NPS nor inventoried by RIP in Cycle 5 on the DCV driven routes. Therefore no culverts or drop inlets are reported in Section 9, unless a culvert has a BIP structure number attached to it.

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.000	0.000	ROUTE BEGIN	N/A	FROM ROUTE 0407Z (HEADQUARTERS HOUSING AREA ROAD)
0.000	0.000	INTERSECTION	RIGHT	ROUTE 0407Z (HEADQUARTERS HOUSING AREA ROAD)
0.010	0.010	INTERSECTION	LEFT	ROUTE 0407Z (HEADQUARTERS HOUSING AREA ROAD)
0.058	0.058	INTERSECTION	RIGHT	ROUTE 0407BZ (HEADQUARTERS HOUSING AREA ROAD B)
0.064	0.082	CURB	RIGHT	N/A
0.084	0.084	SIGN	RIGHT	REGULATORY, NO PARKING ANY TIME
0.132	0.132	SIGN	LEFT	REGULATORY, DO NOT ENTER
0.144	0.144	SIGN	RIGHT	REGULATORY, YIELD
0.146	0.146	SIGN	LEFT	REGULATORY, KEEP RIGHT
0.152	0.152	INTERSECTION	RIGHT	ROUTE 0407Z (HEADQUARTERS HOUSING AREA ROAD)
0.152	0.152	INTERSECTION	LEFT	ROUTE 0407Z (HEADQUARTERS HOUSING AREA ROAD)
0.222	0.222	INTERSECTION	LEFT	ROUTE 0407Z (HEADQUARTERS HOUSING AREA ROAD)
0.222	0.222	INTERSECTION	RIGHT	ROUTE 0407Z (HEADQUARTERS HOUSING AREA ROAD)
0.222	0.222	ROUTE END	N/A	TO ROUTE 0407Z (HEADQUARTERS HOUSING AREA ROAD)

ROUTE 0407BZ: HEADQUARTERS HOUSING AREA ROAD B

Notice: Culverts and drop inlets were NOT marked by NPS nor inventoried by RIP in Cycle 5 on the DCV driven routes. Therefore no culverts or drop inlets are reported in Section 9, unless a culvert has a BIP structure number attached to it.

FROM	TO			
MILEPOST	MILEPOST	FEATURE	SIDE	COMMENT
0.000	0.000	ROUTE BEGIN	N/A	FROM ROUTE 0407AZ (HEADQUARTERS HOUSING AREA ROAD A)
0.000	0.000	INTERSECTION	LEFT	ROUTE 0407AZ (HEADQUARTERS HOUSING AREA ROAD A)
0.000	0.000	INTERSECTION	RIGHT	ROUTE 0407AZ (HEADQUARTERS HOUSING AREA ROAD A)
0.054	0.054	INTERSECTION	RIGHT	UNPAVED ROUTE
0.064	0.064	INTERSECTION	N/A	DEAD END
0.064	0.064	ROUTE END	N/A	TO END OF PAVEMENT

DENA: ROUTE MAINTENANCE FEATURES ROAD LOG

ROUTE 0407Z: HEADQUARTERS HOUSING AREA ROAD

Notice: Culverts and drop inlets were NOT marked by NPS nor inventoried by RIP in Cycle 5 on the DCV driven routes. Therefore no culverts or drop inlets are reported in Section 9, unless a culvert has a BIP structure number attached to it.

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.000	0.000	ROUTE BEGIN	N/A	FROM ROUTE 0010EZ (DENALI PARK ROAD - EAST)
0.000	0.000	INTERSECTION	RIGHT	ROUTE 0010EZZ (DENALI PARK ROADS - EAST)
0.000	0.000	INTERSECTION	LEFT	ROUTE 0010EZZ (DENALI PARK ROADS - EAST)
0.007	0.007	SIGN	LEFT	REGULATORY, STOP
0.014	0.014	SIGN	RIGHT	GUIDE, RESIDENTIAL AREA NO THOROUGHFARE
0.016	0.016	SIGN	RIGHT	REGULATORY, SPEED LIMIT 10
0.016	0.016	SIGN	RIGHT	WARNING, SLOW CHILDREN
0.036	0.036	INTERSECTION	RIGHT	ROUTE 0407AZ (HEADQUARTERS HOUSING AREA ROAD A)
0.066	0.066	INTERSECTION	LEFT	ROUTE 0407AZ (HEADQUARTERS HOUSING AREA ROAD A)
0.069	0.069	INTERSECTION	RIGHT	ROUTE 0407AZ (HEADQUARTERS HOUSING AREA ROAD A)
0.134	0.134	INTERSECTION	LEFT	ROUTE 0407AZ (HEADQUARTERS HOUSING AREA ROAD A)
0.150	0.150	INTERSECTION	RIGHT	ROUTE 0981 (RANGER CACHE PARKING)
0.185	0.185	SIGN	LEFT	REGULATORY, SPEED LIMIT 10
0.185	0.185	SIGN	LEFT	WARNING, SLOW CHILDREN
0.205	0.205	INTERSECTION	RIGHT	ROUTE 0203 (HEADQUARTERS ACCESS ROAD)
0.205	0.205	SIGN	N/A	REGULATORY, NO PARKING
0.205	0.205	INTERSECTION	LEFT	ROUTE 0203 (HEADQUARTERS ACCESS ROAD)
0.205	0.205	ROUTE END	N/A	TO ROUTE 0203 (HEADQUARTERS ACCESS ROAD)

Data Collected 07/2010 9-34

DENA: ROUTE MAINTENANCE FEATURES ROAD LOG

ROUTE 0408: HEADQUARTERS ADMINISTRATION ACCESS ROAD

Notice: Culverts and drop inlets were NOT marked by NPS nor inventoried by RIP in Cycle 5 on the DCV driven routes. Therefore no culverts or drop inlets are reported in Section 9, unless a culvert has a BIP structure number attached to it.

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.000	0.000	ROUTE BEGIN	N/A	FROM ROUTE 0010EZZ (DENALI PARK ROADS - EAST) AT MP 3.60
0.000	0.000	INTERSECTION	LEFT	ROUTE 0010EZZ (DENALI PARK ROADS - EAST)
0.000	0.000	INTERSECTION	RIGHT	ROUTE 0010EZZ (DENALI PARK ROADS - EAST)
0.005	0.005	SIGN	LEFT	REGULATORY, STOP
0.012	0.012	SIGN	RIGHT	GUIDE, SERVICE ROAD ONLY
0.022	0.022	SIGN	RIGHT	REGULATORY, SPEED LIMIT 10
0.101	0.101	INTERSECTION	RIGHT	UNPAVED PARKING
0.125	0.125	GATE	N/A	N/A
0.126	0.126	SIGN	LEFT	GUIDE, UNABLE TO READ FROM VIDEO
0.127	0.127	SIGN	RIGHT	REGULATORY, NO PARKING ANY TIME
0.140	0.140	INTERSECTION	RIGHT	UNPAVED ROUTE
0.174	0.174	INTERSECTION	LEFT	ROUTE 0905AZ (HEADQUARTERS PARKING A)
0.185	0.185	INTERSECTION	RIGHT	ROUTE 0905BZ (HEADQUARTERS PARKING B)
0.200	0.200	INTERSECTION	LEFT	ROUTE 0203 (HEADQUARTERS ACCESS ROAD)
0.200	0.200	INTERSECTION	N/A	ROUTE 0905CZ (HEADQUARTERS PARKING C)
0.200	0.200	INTERSECTION	RIGHT	ROUTE 0203 (HEADQUARTERS ACCESS ROAD)
0.200	0.200	ROUTE END	N/A	TO ROUTE 0203 (HEADQUARTERS ACCESS ROAD)

Data Collected 07/2010 9-35

DENA: ROUTE MAINTENANCE FEATURES ROAD LOG

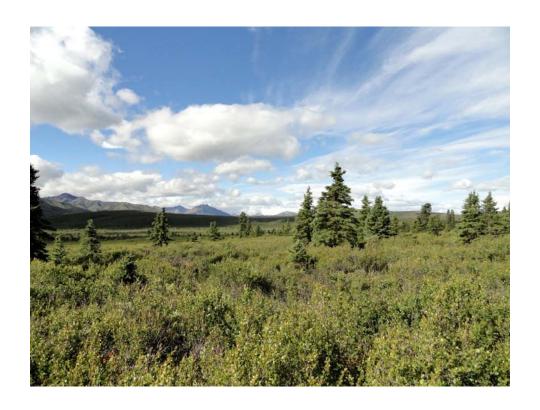
ROUTE 0423: MERCANTILE SERVICE ROAD

<u>Notice:</u> Notice: Culverts and drop inlets were NOT marked by NPS nor inventoried by RIP in Cycle 5 on the DCV driven routes. Therefore no culverts or drop inlets are reported in Section 9, unless a culvert has a BIP structure number attached to it.

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.000	0.000	ROUTE BEGIN	N/A	FROM ROUTE 0222 (MERCANTILE ACCESS ROAD) AT MP 0.15
0.000	0.000	INTERSECTION	RIGHT	ROUTE 0222 (MERCANTILE ACCESS ROAD)
0.000	0.000	INTERSECTION	N/A	ROUTE 0222 (MERCANTILE ACCESS ROAD)
0.000	0.143	ONE-WAY	N/A	N/A
0.019	0.019	SIGN	RIGHT	GUIDE, RV PARKING AUTO PARKING
0.033	0.033	INTERSECTION	LEFT	ROUTE 0222 (MERCANTILE ACCESS ROAD)
0.033	0.033	INTERSECTION	RIGHT	ROUTE 0222 (MERCANTILE ACCESS ROAD)
0.037	0.037	SIGN	RIGHT	GUIDE, ONE WAY DO NOT ENTER
0.041	0.041	SIGN	RIGHT	GUIDE, SERVICE VEHICLES ONLY AUTO PARKING
0.043	0.043	INTERSECTION	LEFT	ROUTE 0972 (MERCANTILE STORE PARKING AREA)
0.053	0.053	INTERSECTION	RIGHT	UNPAVED ROUTE
0.087	0.087	SIGN	RIGHT	GUIDE, RILEY CREEK CAMPGROUND
0.143	0.143	INTERSECTION	LEFT	ROUTE 0222 (MERCANTILE ACCESS ROAD)
0.143	0.143	INTERSECTION	RIGHT	ROUTE 0222 (MERCANTILE ACCESS ROAD)
0.143	0.143	ROUTE END	N/A	TO ROUTE 0222 (MERCANTILE ACCESS ROAD) AT MP 0.34

Data Collected 07/2010 9-36

Section 10 Appendix



Denali National Park and Preserve



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

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

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

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

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

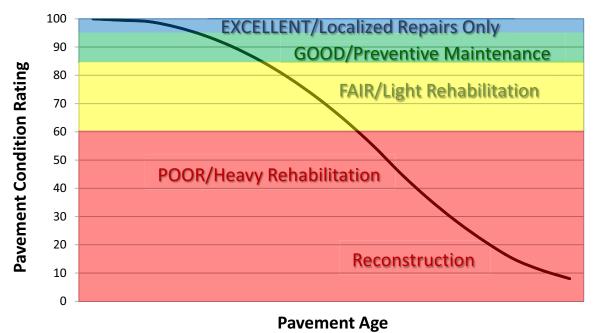
Explanation of the Excellent, Good, Fair and Poor Condition Descriptions

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

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

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

Condition Categories and Treatments



DESCRIPTION OF RATING SYSTEM

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

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

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

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

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

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

SURFACE DISTRESSES

Surface Condition Rating - SCR

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

Surface distresses determined from digital images

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

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

Rutting

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

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

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

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

Roughness Condition Index - RCI

Additional condition data measured by DCV (lasers and accelerometers)

• Roughness (IRI)

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

Pavement Condition Rating - PCR

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

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

Concrete PCR = RCI

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

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

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

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

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

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

TABLE 1: Distress Summary

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

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

ALLIGATOR CRACKING

Description

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

Severity Levels

LOW

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

MEDIUM

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

HIGH

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

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

TABLE 2: Alligator Crack Severity Levels

ALLICATION ON A CHANGE CHANDAIN		Crack Pattern		
ALLIGATOR CRACKING SE LEVELS	LOW	MED	HIGH	
	LOW	L	M	Н
ack	MED	M	M	Н
Cra	HI	Н	Н	Н

LONGITUDINAL CRACKING

Description

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

Severity Levels

LOW

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

MED

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

HIGH

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

TRANSVERSE CRACKING

Description

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

Severity Levels

LOW

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

MED

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

HIGH

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

PATCHING AND POTHOLES

Description

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

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

Severity Levels

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

RUTTING

Description

Rutting is a longitudinal surface depression in the wheelpath.

Severity Levels

LOW

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

MED

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

HIGH

Ruts with a measured depth ≥ 1.00 "

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

ROUGHNESS

Description

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

Severity Levels

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

TABLE 3: IRI

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

INDEX FORMULAS

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

Alligator Crack Index

AC INDEX =
$$100 - 40 * [(\%LOW / 35) + (\%MED / 15) + (\%HI / 5)]$$

Where:

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

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

Percent of total area is computed as:

square foot area of alligator crack severity
0.02 mile * lane width

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

Longitudinal Crack Index

LC INDEX =
$$100 - 40 * [(\%LOW / 175) + (\%MED / 75) + (\%HI / 25)]$$

Where:

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

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

Percent of interval length is computed as:

length of respective longitudinal cracking 0.02 mile (105.6 feet)

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

Structural Crack Index

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

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

Transverse Crack Index

$$TC_{INDEX} = 100 - 40 * [(LOW / 21.1) + (MED / 4.4) + (HI / 2.6)]$$

Where:

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

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

Number of cracks is computed as:

Total length of transverse cracks

Lane width

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

Patching Index

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

Where:

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

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

Percent of total area is computed as:

square foot area of patching/potholes
0.02 mile * lane width

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

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

Rutting Index

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

Where:

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

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

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

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

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

total number of ruts within each severity in both wheelpaths 20 * 100

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

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

Roughness Condition Index (Asphalt)

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

Where:

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

Average IRI is computed as:

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

There is no applicable threshold for failure for this index.

Roughness Condition Index (Concrete)

$$RCI = -0.0012(IRI^2) + 0.0499(IRI) + 99.542$$

For concrete, PCR = RCI

Surface Condition Rating Index

SCR = Lowest Index Value Of: [SC_INDEX, TC_INDEX, PATCH_INDEX, RUT INDEX]

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

Where:

See above for determinations of SC_INDEX, TC_INDEX, PATCH_INDEX and RUT INDEX.

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

Data Collection Vehicle Subsystems

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

CAMERAS

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

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

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

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

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

DMI (Distance Measuring Instrument)

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

ROUGHNESS (IRI)

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

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

RUTTING

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

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

GPS & INERTIAL SYSTEMS

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

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

GPS on Manually Rated Roads (MRR)

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

Geodatabase - Background and Metadata

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

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

GLOSSARY OF TERMS AND ABBREVIATIONS

TERM OR

<u>ABBREVIATION</u> <u>DESCRIPTION OR DEFINITION</u>

AC Alligator Cracking

CRS Condition Rating Sheets (Section 5)

DCV Data Collection Vehicle

Excellent rating with an index value of 95 to 100

Fair rating with an index value from 61 to 84

FUNCT_CLASS Functional Classification (see Route ID, Section 2)

Good Good rating with an index value from 85 to 94

IRI International Roughness Index

Lane Width Width from road centerline to fogline, or from centerline to edge-

of-pavement when no fogline exists

LC Longitudinal Cracking

MRR Manually Rated Route

MRL Manually Rated Line

MRP Manually Rated Polygon

N/A Not Applicable

NC Not Collected

PATCH Patching and Potholes

Paved Width Width from edge-of-pavement to edge-of-pavement

PCR Pavement Condition Rating

PKG Parking Area

Poor Poor rating with an index value of 0 to 60

RCI Roughness Condition Index

SC Structural Cracking

SCR Surface Condition Rating

TC Transverse Cracking