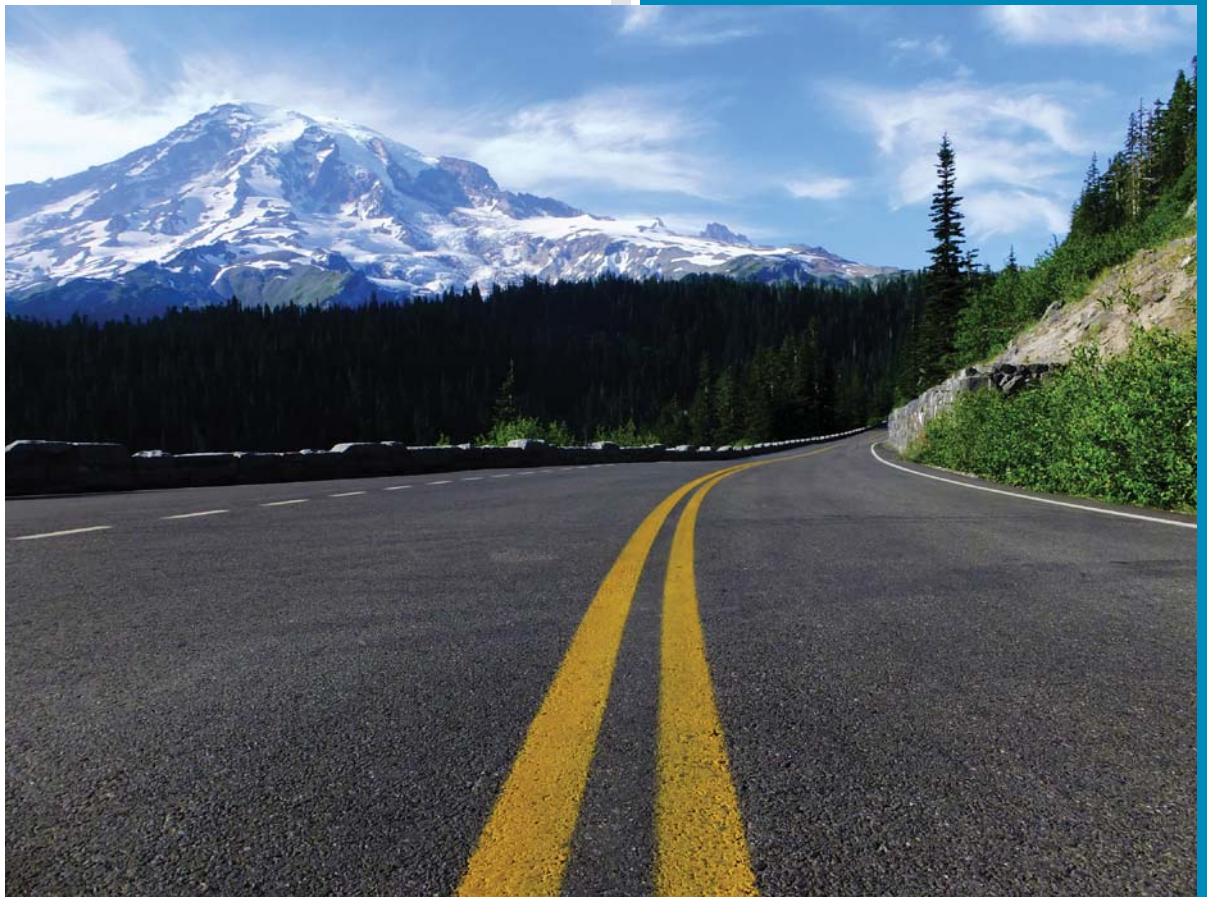


MORA Cycle 6

Final Report

Road Inventory and Condition Assessment of Paved Routes Mount Rainier National Park



**Federal Lands Highway
Road Inventory Program**

Prepared By:

Federal Highway Administration
Eastern Federal Lands Highway Division
Road Inventory Program (RIP)

Report Date: May 2016

Mount Rainier National Park in Washington



Sources: Esri, DeLorme, GEBCO, NOAA NGDC, and other contributors
Sources: Esri, DeLorme, NAVTEQ, TomTom, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), swisstopo, and the GIS User Community



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Section 1 Introduction



Mount Rainier National Park



Federal Lands Highway
Road Inventory Program

Introduction

The Federal Highway Administration’s (FHWA), Road Inventory Program (RIP) inventories all roads and parking areas in the National Park System, and performs condition inspections on all paved roads and parking areas for the National Park Service (NPS). This report contains the results of the Cycle 6 condition assessment of paved roads and parking lots for this park unit. This assessment was done using an automated, state-of-the-art pavement inspection vehicle as well as manual ratings. This information represents the condition of the paved assets at the time of the inspection. The pavement management system utilized by FHWA and the NPS uses these assessments to estimate future conditions and help prioritize pavement maintenance and rehabilitation projects. Further information about RIP data and its role in managing paved roads and bridges can be obtained by contacting the NPS Regional Transportation Program Manager.

A History of the Road Inventory Program:

The FHWA, in the mid-1970s, was charged with the task of identifying surface condition deficiencies and corrective priorities on 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 a Memorandum of Agreement (MOA) which established the RIP. This MOA was revised in 1980 to update RIP data collection standards and develop a long-range program to improve and maintain NPS roads to designated condition standards and establish a pavement management program.

The FHWA completed the initial phase of inventory in the early 1980s. As a result of this effort, each NPS unit included in the collection received a RIP Report known as the “Brown Book” which contained information that was inventoried during this first RIP phase. In the 1990s, a cyclical program was developed, and since then five cycles of collection have been completed. Cycle 6 is currently in progress. A summary of the RIP collection cycles is shown in the table below.

Cycle	Years	Parks Collected
Cycle 1	1994 - 1997	◦ 44 Large Parks
Cycle 2	1997 - 2001	◦ 79 Large Parks ◦ 5 Small Parks
Cycle 3	2001 - 2004	◦ All Large Parks ◦ All Small Parks
Cycle 4	2006 - 2010	◦ 86 Large Parks ◦ Several Small Parks
Cycle 5	2010 - 2014	◦ All Large Parks (Only functional class 1, 2, 7, and new/modified routes collected) ◦ All Small Parks (all roads and parking areas collected)
Cycle 6	2014 – 2020 (±)	◦ All roads and parking areas collected at all Parks ◦ Additional partial collections of functional class 1, 2, and 7 roads at Large Parks ◦ Cycle 6 is expected to last 6 years

Note: Large Parks have ≥ 10 Paved Miles; Small Parks have < 10 Paved Miles

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 Federal Lands Highway (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.

In 2012, the Moving Ahead for Progress in the 21st Century Act (MAP-21) amended Title 23 U.S.C., and under Section 203(c)(1-2) stated that the National Park Service in cooperation with the DOT/FHWA, shall maintain a comprehensive national inventory of their transportation facilities, with the goal of quantifying transportation infrastructure needs within the National Park System.

A History of the Pavement Management System:

In 2005, the FHWA began implementing the use of a pavement management system to assist the NPS in prioritizing Pavement Maintenance and Rehabilitation activities. The system used by FHWA is the Highway Pavement Management Application (HPMA), which 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. Regional prioritized lists and optimizations have been produced for most regions, and the Service's overall roadway Deferred Maintenance is calculated via the HPMA.

Overview of Cycle 6:

Cycle 6 launched in the spring of 2014 and will again comprise all NPS park units that are served by paved roads and/or parking areas. For Cycle 6, all paved roads (approximately 5,700 miles) and parking areas will be collected in all parks at least once, while the primary routes (functional class 1, 2, and 7 roads) at Large Parks will have additional collections. These multiple collections will provide updated condition data on a majority of the NPS's primary road network and help build a better pavement management system, allowing for more accurate pavement performance prediction models.

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

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Section 2 Park Route Inventory



Mount Rainier National Park



Federal Lands Highway
Road Inventory Program

Cycle 6 NPS / RIP Route ID Report

(Numerical By Summary Route and Subcomponent #)



Shading Color Key

White = Paved Routes, DCV Driven

Grey = Paved Routes, DCV not Driven

Black = Non-NPS Routes

■ = Concession Route

Yellow = Unpaved Routes, DCV not Driven

Blue = Paved Parking Areas

Green = Unpaved Parking Areas

Red text denotes:

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

DCV = Data Collection Vehicle
 MRL = Manually Rated Line
 MRP = Manually Rated Polygon
 PKG = Parking Areas
 NC = Not Collected

MORA Mount Rainier National Park

ROAD INVENTORY (1100 SERIES FMSS LOCATIONS)

Route No.	Cycle Collected	Iteration Collected	FMSS Number	Concession	Route Description		Maintenance District	Paved Miles	Unpaved Miles	Total Mileage	Functional Class	Area (SQ FT)	Surf. Type	Area Map
					Route Name	From To								
0010	6	1	20219		STATE ROUTE 123 (EAST SIDE HIGHWAY)	FROM SOUTH PARK BOUNDARY TO ROUTE 0012 (STATE ROUTE 410 (MATHER MEMORIAL PARKWAY))	NORTHEAST	13.86	0.00	13.86	1		AS	5,5A,6
0011	6	1	20220		SUNRISE ROAD	FROM ROUTE 0012 (STATE ROUTE 410 (MATHER MEMORIAL PARKWAY)) AT MP 4.58 TO ROUTE 0935 (SUNRISE LODGE PARKING)	NORTHEAST	15.38	0.00	15.38	1		AS	6,6A
0012	6	1	20222		STATE ROUTE 410 (MATHER MEMORIAL PARKWAY)	FROM NORTH PARK ENTRANCE TO EAST PARK ENTRANCE (TIPSOO LAKE)	NORTHEAST	11.68	0.00	11.68	1		AS	6
0013	6	1	20224		STEVENS CANYON ROAD	FROM ROUTE 0014 (STATE ROUTE 706 (NISQUALLY ROAD)) AT MP 15.53 TO ROUTE 0010 (STATE ROUTE 123 (EAST SIDE HIGHWAY))	SOUTHEAST	19.04	0.00	19.04	1		AS	4,4C,5, 5A
0014	6	1	20141		STATE ROUTE 706 (NISQUALLY ROAD)	FROM WEST PARK ENTRANCE TO ROUTE 0916 (PARADISE PARKING (UPPER LOT))	SOUTHWEST	17.65	0.00	17.65	1		AS	3,4,4A, 4B,4C
0100	6	1	20211		LONGMIRE SOUTH BACK GATE ROAD	FROM ROUTE 0014 (STATE ROUTE 706 (NISQUALLY ROAD)) AT MP 6.46 TO BEGINNING OF ROUTE 5001 (BISECTOR ROAD)	SOUTHWEST	1.49	0.94	2.43	3		AS	4,4A
0101	NC		20196		WEST SIDE ROAD	FROM ROUTE 0014 (STATE ROUTE 706 (NISQUALLY ROAD)) AT MP 1.03 TO KLAPATCHE POINT	SOUTHWEST	0.00	12.21	12.21	2		GR	
0102	6	1	235756		CARBON RIVER ENTRANCE ROAD	FROM END OF ROUTE 5002 (BURNETT-FAIRFAX HIGHWAY) AT WEST PARK BOUNDARY TO OLD MINE TRAILHEAD	NORTHWEST	0.19	4.25	4.44	2		AS	1
0200A	6	1	20335		WHITE RIVER CAMPGROUND ENTRANCE ROAD	FROM ROUTE 0011 (SUNRISE ROAD) AT MP 5.32 TO ROUTE 0200ZZ (WHITE RIVER CAMPGROUND LOOPS)	NORTHEAST	1.33	0.00	1.33	2		AS	6,6A
0200ZZ	6	1	40231		WHITE RIVER CAMPGROUND LOOPS	FROM ROUTE 0200A (WHITE RIVER CAMPGROUND ENTRANCE ROAD) THROUGH CAMPGROUND	NORTHEAST	0.89	0.00	0.89	3		AS	6A
0201	6	1	20194		SUNSHINE POINT CAMPGROUND ENTRANCE	FROM ROUTE 0014 (STATE ROUTE 706 (NISQUALLY ROAD)) AT MP 0.41 THROUGH CAMPGROUND	SOUTHWEST	0.00	0.00	0.00	3	56,528	AS	3

Cycle 6 NPS / RIP Route ID Report

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MORA Mount Rainier National Park

ROAD INVENTORY (1100 SERIES FMSS LOCATIONS)

Route No.	Cycle Collected	Iteration Collected	FMSS Number	Concession	Route Name	Route Description		Maintenance District	Paved Miles	Unpaved Miles	Total Mileage	Functional Class	Area (SQ FT)	Surf. Type	Area Map
						From	To								
0202ZZ	6	1	20215		PARADISE PICNIC AREA ROADS	FROM ROUTE 0014 (STATE ROUTE 706 (NISQUALLY ROAD))	TO ROUTE 0014 (STATE ROUTE 706 (NISQUALLY ROAD))	SOUTHWEST	0.86	0.00	0.86	3		AS	4C
0203	6	1	20206		MILLER CUT OFF / RICKSECKER POINT LOOP ROAD	FROM ROUTE 0014 (STATE ROUTE 706 (NISQUALLY ROAD)) WEST INTERSECTION	TO ROUTE 0014 (STATE ROUTE 706 (NISQUALLY ROAD)) EAST INTERSECTION	SOUTHWEST	1.05	0.00	1.05	2		AS	4
0205	6	1	20199		COUGAR ROCK CAMPGROUND ENTRANCE ROAD	FROM INTERSECTION OF ROUTE 0014 (STATE ROUTE 706 (NISQUALLY ROAD)) AT MP 8.56 AND ROUTE 0211 (COUGAR ROCK PICNIC AREA ROAD)	TO ROUTE 0205ZZ (COUGAR ROCK CAMPGROUND LOOPS)	SOUTHWEST	0.38	0.00	0.38	2		AS	4B
0205ZZ	6	1	102599		COUGAR ROCK CAMPGROUND LOOPS	FROM ROUTE 0205 (COUGAR ROCK CAMPGROUND ENTRANCE ROAD)	THROUGH CAMPGROUND	SOUTHWEST	1.97	0.00	1.97	3		AS	4B
0206	6	1	20225		OHANA CAMPGROUND ENTRANCE ROAD	FROM ROUTE 0010 (STATE ROUTE 123 (EAST SIDE HIGHWAY)) AT MP 1.13	TO ROUTE 0206ZZ (OHANA CAMPGROUND LOOPS)	SOUTHEAST	0.64	0.00	0.64	2		AS	5A
0206ZZ	6	1	103486		OHANA CAMPGROUND LOOPS	FROM ROUTE 0206 (OHANA CAMPGROUND ENTRANCE ROAD)	THROUGH CAMPGROUND	SOUTHEAST	2.08	0.00	2.08	3		AS	5A
0207	NC		20227		MOWICH ROAD	FROM WEST PARK BOUNDARY	TO MOWICH LAKE RANGER STATION	NORTHWEST	0.00	5.74	5.74	3		GR	
0209	6	1	20237		SUNRISE PICNIC AREA ROAD	FROM ROUTE 0935 (SUNRISE LODGE PARKING)	TO END OF LOOP	NORTHEAST	0.38	0.00	0.38	3		AS	6A
0210	6	1	104353		OHANA RANGER STATION ENTRANCE ROAD	FROM ROUTE 0206 (OHANA CAMPGROUND ENTRANCE ROAD) ON LEFT AT MP 0.02	TO END OF LOOP	SOUTHEAST	0.38	0.00	0.38	3		AS	5A

Cycle 6 NPS / RIP Route ID Report

(Numerical By Summary Route and Subcomponent #)



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■ = Concession Route

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Green = Unpaved Parking Areas

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MORA Mount Rainier National Park

ROAD INVENTORY (1100 SERIES FMSS LOCATIONS)

Route No.	Cycle Collected	Iteration Collected	FMSS Number	Concession	Route Description		Maintenance District	Paved Miles	Unpaved Miles	Total Mileage	Functional Class	Area (SQ FT)	Surf. Type	Area Map	
					Route Name	From									To
0211	6	1	108257		COUGAR ROCK PICNIC AREA ROAD	FROM INTERSECTION OF ROUTE 0014 (STATE ROUTE 706 (NISQUALLY ROAD)) AT MP 8.56 AND ROUTE 0205 (COUGAR ROCK CAMPGROUND ENTRANCE ROAD)	TO END OF LOOP	SOUTHWEST	0.29	0.00	0.29	3		AS	4B
0212	6	1	103903		LONGMIRE HISTORIC GAS STATION ENTRANCE LOOP	FROM ROUTE 0014 (STATE ROUTE 706 (NISQUALLY ROAD)) AT MP 6.42	TO ROUTE 0100 (LONGMIRE SOUTH BACK GATE ROAD)	SOUTHWEST	0.00	0.00	0.00	3	5,871	AS	4A
0400	6	1	20190		TAHOMA WOODS ADMIN ENTRANCE ROAD	FROM STATE ROUTE 706 (NISQUALLY ROAD)	TO GREENHOUSE	SOUTHWEST	0.32	0.17	0.49	3		AS	2
0401ZZ	6	1	40232		TAHOMA WOODS RESIDENTIAL ROADS	FROM ROUTE 0400 (TAHOMA WOODS ADMIN ENTRANCE ROAD) ON RIGHT AT MP 0.07	TO END OF LOOP	SOUTHWEST	0.81	0.00	0.81	5		AS	2
0402	NC		40233		SUNRISE SERVICE ROAD	FROM GENERATOR ROAD	TO END	NORTHEAST	0.00	0.24	0.24	6		GR	
0403ZZ	6	1	40234		TAHOMA WOODS WASTE WATER SERVICE ROADS	FROM STATE ROUTE 706 (NISQUALLY ROAD)	TO END AT PLANT	SOUTHWEST	0.04	0.00	0.04	6		AS	2
0404ZZ	6	1	40235		ROAD SERVICE (LONGMIRE WATER TREATMENT)	FROM ROUTE 0100 (LONGMIRE SOUTH BACK GATE ROAD)	TO END OF LOOP	SOUTHWEST	0.30	0.00	0.30	6		AS	4A
0405	6	1	108258		KAUTZ HELIBASE ACCESS ROAD	FROM ROUTE 0014 (STATE ROUTE 706 (NISQUALLY ROAD)) ON RIGHT AT MP 3.54	TO END	SOUTHWEST	0.36	0.18	0.54	5		AS	3
0406	6	1	247111		ROAD SERVICE (OHANA WASTE WATER TREATMENT)	FROM ROUTE 0010 (STATE ROUTE 123 (EAST SIDE HIGHWAY))	TO END	SOUTHWEST	0.29	0.00	0.29	6		AS	5A
0408ZZ	6	1	247109		ROAD RESIDENTIAL (LONGMIRE)	FROM ROUTE 0100 (LONGMIRE SOUTH BACK GATE ROAD) ON LEFT	THROUGH RESIDENTIAL AREA	SOUTHWEST	0.41	0.00	0.41	5		AS	4A
0409ZZ	6	1	247108		ROAD CAMPGROUND LOOPS (LONGMIRE)	FROM ROUTE 0100 (LONGMIRE SOUTH BACK GATE ROAD)	THROUGH CAMPGROUND	SOUTHWEST	0.94	0.07	1.01	5		AS	4A

Cycle 6 NPS / RIP Route ID Report

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MORA Mount Rainier National Park

ROAD INVENTORY (1100 SERIES FMSS LOCATIONS)

Route No.	Cycle Collected	Iteration Collected	FMSS Number	Concession	Route Name	Route Description		Maintenance District	Paved Miles	Unpaved Miles	Total Mileage	Functional Class	Area (SQ FT)	Surf. Type	Area Map
						From	To								
0500	6	1	20234		VALLEY ROAD	FROM ROUTE 0916 (PARADISE PARKING (UPPER LOT))	TO ROUTE 0013 (STEVENS CANYON ROAD)	SOUTHWEST	2.20	0.00	2.20	2		AS	4C

NON-NPS ROADS INVENTORY

Route No.	Cycle Collected	Iteration Collected	FMSS Number	Concession	Route Name	Route Description		Maintenance District	Paved Miles	Unpaved Miles	Total Mileage	Functional Class	Area (SQ FT)	Surf. Type	Area Map
						From	To								
5000	5	1			NATIONAL FOREST 52	FROM U.S. HIGHWAY 706	TO HIGHWAY 12	SOUTHWEST	23.01	0.00	23.01			AS	3,4,5
5001	NC				BISECTOR ROAD	FROM END OF ROUTE 0100 (LONGMIRE SOUTH BACK GATE ROAD)	TO ROUTE 5000 (NATIONAL FOREST 52)	SOUTHWEST	0.00	1.00	1.00			GR	
5002	6	1			BURNETT-FAIRFAX HIGHWAY	FROM INTERSECTION WITH MOWICH LAKE ROAD SOUTH	TO BEGINNING OF ROUTE 0102 (CARBON RIVER ENTRANCE ROAD)	NORTHWEST	7.71	0.00	7.71			AS	1

PARKING AREA INVENTORY (1300 SERIES FMSS LOCATIONS)

Route No.	Cycle Collected	Iteration Collected	FMSS Number	Concession	Route Name	Route Description		Maintenance District	Access Level	Area (SQ FT)	Surf. Type	Area Map
						From	To					
0900	6	1	40236		TAHOMA WOODS RESIDENTIAL PARKING	ADJACENT TO ROUTE 0401Z (TAHOMA WOODS RESIDENTIAL ROAD) AT MP 0.73 ON RIGHT		SOUTHWEST	PUBLIC	3,213	AS	2
0901	6	1	40237		NISQUALLY ENTRANCE SERVICE AREA PARKING	FROM ROUTE 0014 (STATE ROUTE 706 (NISQUALLY ROAD)) AT MP 0.02	TO PARKING	SOUTHWEST	NONPUBLIC	10,536	AS	3
0902	6	1	20241		KAUTZ CREEK TRAILHEAD PARKING	FROM ROUTE 0014 (STATE ROUTE 706 (NISQUALLY ROAD)) AT MP 3.48	TO ROUTE 0014 (STATE ROUTE 706 (NISQUALLY ROAD))	SOUTHWEST	PUBLIC	17,040	AS	3
0903	6	1	20243		LONGMIRE NATIONAL PARK INN PARKING LOOP	FROM ROUTE 0014 (STATE ROUTE 706 (NISQUALLY ROAD)) AT MP 6.36	TO ROUTE 0100 (LONGMIRE SOUTH BACK GATE ROAD)	SOUTHWEST	PUBLIC	58,386	AS	4A

Cycle 6 NPS / RIP Route ID Report

(Numerical By Summary Route and Subcomponent #)



Shading Color Key

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Black = Non-NPS Routes

■ = Concession Route

Yellow = Unpaved Routes, DCV not Driven

Blue = Paved Parking Areas

Green = Unpaved Parking Areas

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 MRP = Manually Rated Polygon
 PKG = Parking Areas
 NC = Not Collected

MORA Mount Rainier National Park

PARKING AREA INVENTORY (1300 SERIES FMSS LOCATIONS)

Route No.	Cycle Collected	Iteration Collected	FMSS Number	Concession	Route Name	Route Description		Maintenance District	Access Level	Area (SQ FT)	Surf. Type	Area Map
						From	To					
0904ZZ	6	1	20201		LONGMIRE RESIDENCE AREA #1 PARKING AREAS	FROM ROUTE 0100 (LONGMIRE SOUTH BACK GATE ROAD) ON LEFT AND RIGHT AND ROUTE 0408ZZ (ROAD RESIDENTIAL (LONGMIRE))	TO PARKING	SOUTHWEST	NONPUBLIC	20,059	AS	4A
0905	6	1	20202		LONGMIRE MAINTENANCE AREA #2 PARKING	FROM ROUTE 0100 (LONGMIRE SOUTH BACK GATE ROAD) AT MP 0.10	TO ROUTE 0100 (LONGMIRE SOUTH BACK GATE ROAD)	SOUTHWEST	NONPUBLIC	132,457	AS	4A
0906	6	1	247128		MATERNITY CURVE PARKING	FROM ROUTE 0014 (STATE ROUTE 706 (NISQUALLY ROAD)) ON RIGHT	TO ROUTE 0014 (STATE ROUTE 706 (NISQUALLY ROAD))	SOUTHWEST	PUBLIC	4,521	AS	4A
0907ZZ	6	1	20246		COUGAR ROCK PICNIC AREA PARKING COMPLEX	ADJACENT TO ROUTE 0211 (COUGAR ROCK PICNIC AREA ROAD) ON RIGHT AND LEFT		SOUTHWEST	PUBLIC	24,549	AS	4B
0908	6	1	247120		COMET FALLS PARKING	ADJACENT TO ROUTE 0014 (STATE ROUTE 706 (NISQUALLY ROAD))		SOUTHWEST	PUBLIC	7,067	AS	4
0909ZZ	6	1	247119		CHRISTINE FALLS VIEWPOINT PARKING AREAS	ADJACENT TO ROUTE 0014 (STATE ROUTE 706 (NISQUALLY ROAD)) ON RIGHT		SOUTHWEST	PUBLIC	4,301	AS	4
0910	6	1	247123		GLACIER HILL CHAIN UP PARKING	ADJACENT TO ROUTE 0014 (STATE ROUTE 706 (NISQUALLY ROAD)) ON RIGHT AT MP 11.82		SOUTHWEST	PUBLIC	22,830	AS	4
0912	6	1	247116		CANYON RIM VIEWPOINT PARKING	ADJACENT TO ROUTE 0014 (STATE ROUTE 706 (NISQUALLY ROAD)) ON LEFT AT MP 13.78		SOUTHWEST	PUBLIC	12,630	AS	4
0913	6	1	20254		NARADA FALLS PARKING	FROM ROUTE 0014 (STATE ROUTE 706 (NISQUALLY ROAD)) AT MP 14.71	TO ROUTE 0014 (STATE ROUTE 706 (NISQUALLY ROAD))	SOUTHWEST	PUBLIC	55,129	AS	4C
0914	6	1	20255		PARADISE WASTEWATER TREATMENT PLANT PARKING	FROM ROUTE 0014 (STATE ROUTE 706 (NISQUALLY ROAD)) AT MP 16.56	TO PARKING	SOUTHWEST	NONPUBLIC	6,370	AS	4C
0915	6	1	20256		PARADISE PARKING (LOWER LOT)	FROM ROUTE 0014 (STATE ROUTE 706 (NISQUALLY ROAD)) AT MP 17.44	TO ROUTE 0937 (PARADISE RESIDENCE ROAD PARKING)	SOUTHWEST	PUBLIC	89,214	AS	4C
0916	6	1	20257		PARADISE PARKING (UPPER LOT)	FROM END OF ROUTE 0014 (STATE ROUTE 706 (NISQUALLY ROAD)) AT MP 17.68	TO BEGINNING OF ROUTE 0500 (VALLEY ROAD)	SOUTHWEST	PUBLIC	160,287	AS	4C

Cycle 6 NPS / RIP Route ID Report

(Numerical By Summary Route and Subcomponent #)



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 NC = Not Collected

MORA Mount Rainier National Park

PARKING AREA INVENTORY (1300 SERIES FMSS LOCATIONS)

Route No.	Cycle Collected	Iteration Collected	FMSS Number	Concession	Route Name	Route Description		Maintenance District	Access Level	Area (SQ FT)	Surf. Type	Area Map
						From	To					
0917ZZ	6	1	20258		FOURTH CROSSING PARKING COMPLEX	ADJACENT TO ROUTE 0500 (VALLEY ROAD) ON LEFT AND RIGHT AT MP 0.7		SOUTHWEST	PUBLIC	31,406	AS	4C
0918	6	1	20259		LAKES TRAIL PARKING	ADJACENT TO ROUTE 0500 (VALLEY ROAD) ON RIGHT AT MP 1.83		SOUTHEAST	PUBLIC	7,848	AS	4C
0919	6	1	247124		INSPIRATION POINT PARKING	FROM ROUTE 0013 (STEVENS CANYON ROAD)	TO ROUTE 0013 (STEVENS CANYON ROAD)	SOUTHEAST	PUBLIC	14,472	AS	4C
0920ZZ	6	1	20262		REFLECTION LAKES PARKING COMPLEX	ADJACENT TO ROUTE 0013 (STEVENS CANYON ROAD) ON LEFT AND RIGHT		SOUTHEAST	PUBLIC	22,566	AS	4C
0921	6	1	20263		LOUISE LAKE PARKING	ADJACENT TO ROUTE 0013 (STEVENS CANYON ROAD) AT MP 2.40		SOUTHEAST	PUBLIC	6,179	AS	4
0922	6	1	20264		BOX CANYON PICNIC AREA PARKING	FROM ROUTE 0013 (STEVENS CANYON ROAD) AT MP 8.14	TO ROUTE 0013 (STEVENS CANYON ROAD)	SOUTHEAST	PUBLIC	18,024	AS	5
0923	6	1	20265		BOX CANYON OVERLOOK / EXHIBIT PARKING	FROM ROUTE 0013 (STEVENS CANYON ROAD) AT MP 8.64	TO ROUTE 0013 (STEVENS CANYON ROAD)	SOUTHEAST	PUBLIC	14,109	AS	5
0925	6	1	247115		BACKBONE RIDGE PARKING	ADJACENT TO ROUTE 0013 (STEVENS CANYON ROAD) AT MP 13.13		SOUTHEAST	PUBLIC	21,794	AS	5
0926	6	1	20268		GROVE OF THE PATRIARCHS PARKING	FROM ROUTE 0013 (STEVENS CANYON ROAD) AT MP 18.72	TO ROUTE 0013 (STEVENS CANYON ROAD) AT MP 18.75	SOUTHEAST	PUBLIC	9,678	AS	5
0927ZZ	6	1	20269		OHANA RANGER STATION / RESIDENCE AREA PARKING COMPLEX	ADJACENT TO ROUTE 0210 (OHANA RANGER STATION ENTRANCE ROAD)		SOUTHEAST	PUBLIC	33,768	AS	5A
0928ZZ	6	1	20271		TIPSOO LAKE PARKING COMPLEX	ADJACENT TO ROUTE 0012 (STATE ROUTE 410 (MATHER MEMORIAL PARKWAY))		NORTHEAST	PUBLIC	56,100	AS	6
0929	6	1	20272		WHITE RIVER RANGER SERVICE AREA PARKING	FROM ROUTE 0011 (SUNRISE ROAD) AT MP 1.32	TO PARKING	NORTHEAST	NONPUBLIC	25,154	AS	6
0930	6	1	20275		WHITE RIVER INFORMATION CENTER PARKING	ADJACENT TO ROUTE 0011 (SUNRISE ROAD) AT MP 1.37		NORTHEAST	PUBLIC	6,840	AS	6
0931	6	1	247126		OWYHIGH LAKE TRAIL PARKING	ADJACENT TO ROUTE 0011 (SUNRISE ROAD) AT MP 3.57		NORTHEAST	PUBLIC	3,670	AS	6

Cycle 6 NPS / RIP Route ID Report

(Numerical By Summary Route and Subcomponent #)



Shading Color Key

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■ = Concession Route

Yellow = Unpaved Routes, DCV not Driven

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Green = Unpaved Parking Areas

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MORA Mount Rainier National Park

PARKING AREA INVENTORY (1300 SERIES FMSS LOCATIONS)

Route No.	Cycle Collected	Iteration Collected	FMSS Number	Concession	Route Description		Maintenance District	Access Level	Area (SQ FT)	Surf. Type	Area Map	
					Route Name	From						To
0932	6	1	247122		FRYING PAN CREEK / SUMMERLAND TRAILHEAD PARKING	ADJACENT TO ROUTE 0011 (SUNRISE ROAD) AT MP 4.27		NORTHEAST	PUBLIC	6,752	AS	6
0934	6	1	20289		SUNRISE POINT PARKING	FROM ROUTE 0011 (SUNRISE ROAD) AT MP 12.74 ON LEFT	TO ROUTE 0011 (SUNRISE ROAD)	NORTHEAST	PUBLIC	23,035	AS	6
0935	6	1	20292		SUNRISE LODGE PARKING	FROM END OF ROUTE 0011 (SUNRISE ROAD)	TO PARKING	NORTHEAST	PUBLIC	125,896	AS	6A
0936ZZ	6	1	40227		TAHOMA WOODS ADMIN BUILDING PARKING AREAS	FROM ROUTE 0400 (TAHOMA WOODS ADMIN ENTRANCE ROAD)	TO ROUTE 0400 (TAHOMA WOODS ADMIN ENTRANCE ROAD)	SOUTHWEST	PUBLIC	26,675	AS	2
0937	6	1	40228		PARADISE RESIDENCE ROAD PARKING	FROM ROUTE 0915 (PARADISE PARKING (LOWER LOT))	TO PARKING	SOUTHWEST	NONPUBLIC	6,951	AS	4C
0938	6	1	247127		SNOW LAKE TRAIL PARKING	ADJACENT TO ROUTE 0013 (STEVENS CANYON ROAD) AT MP 2.88		SOUTHWEST	PUBLIC	7,761	AS	4
0940ZZ	6	1	104356		OHANA CAMPGROUND PARKING AREAS	ADJACENT TO ROUTE 0206ZZ (OHANA CAMPGROUND LOOPS) AND ROUTE 0206 (OHANA CAMPGROUND ENTRANCE ROAD)		SOUTHWEST	PUBLIC	14,246	AS	5A
0941ZZ	6	1	104386		COUGAR ROCK CAMPGROUND PARKING AREAS	FROM ROUTE 0205 (COUGAR ROCK CAMPGROUND ENTRANCE ROAD) AND ROUTE 0205ZZ (COUGAR ROCK CAMPGROUND LOOPS)	TO PARKING	SOUTHWEST	PUBLIC	13,901	AS	4B
0942	6	1	247118		CARTER FALLS TRAILHEAD PARKING	ADJACENT TO ROUTE 0014 (STATE ROUTE 706 (NISQUALLY ROAD))		SOUTHWEST	PUBLIC	5,424	AS	4B
0943ZZ	6	1	108256		PARADISE PICNIC AREA PARKING COMPLEX	FROM ROUTE 0202ZZ (PARADISE PICNIC AREA ROADS)	TO PARKING	SOUTHWEST	PUBLIC	55,053	AS	4C
0944ZZ	6	1	108261		LONGMIRE COMMUNITY BUILDING PARKING COMPLEX	ADJACENT TO ROUTE 0100 (LONGMIRE SOUTH BACK GATE ROAD) AT MP 0.6 ON LEFT AND RIGHT		SOUTHWEST	PUBLIC	4,766	AS	4A
0945	6	1	247129		TWIN FIRS TRAILHEAD PARKING	ADJACENT TO ROUTE 0014 (STATE ROUTE 706 (NISQUALLY ROAD))		SOUTHWEST	PUBLIC	5,736	AS	3

Cycle 6 NPS / RIP Route ID Report

(Numerical By Summary Route and Subcomponent #)



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MORA Mount Rainier National Park

PARKING AREA INVENTORY (1300 SERIES FMSS LOCATIONS)

Route No.	Cycle Collected	Iteration Collected	FMSS Number	Concession	Route Name	Route Description		Maintenance District	Access Level	Area (SQ FT)	Surf. Type	Area Map
						From	To					
0946ZZ	6	1	240196		WHITE RIVER DAY USE PARKING AREAS	FROM ROUTE 0200A (WHITE RIVER CAMPGROUND ENTRANCE ROAD)	TO ROUTE 0200A (WHITE RIVER CAMPGROUND ENTRANCE ROAD)	NORTHEAST	PUBLIC	21,157	AS	6A
0947	6	1	237216		THOMPSON'S HOUSE PARKING AREA	FROM ROUTE 5002 (BURNETT-FAIRFAX HIGHWAY)	TO PARKING	NORTHWEST	PUBLIC	4,525	AS	1
0948	6	1	247121		EMPLOYEE PARKING AT STEVEN CANYON STATION	ADJACENT TO ROUTE 0013 (STEVENS CANYON ROAD)		SOUTHEAST	PUBLIC	620	AS	5
0949	6	1	247125		NISQUALLY HOUSING PARKING	FROM ROUTE 0014 (STATE ROUTE 706 (NISQUALLY ROAD))	TO ROUTE 0014 (STATE ROUTE 706 (NISQUALLY ROAD))	SOUTHWEST	PUBLIC	5,125	AS	3
0950ZZ	6	1	247117		CARBON RIVER ENTRANCE PARKING AREAS	ADJACENT TO ROUTE 0102 (CARBON RIVER ENTRANCE ROAD) ON RIGHT AND LEFT		NORTHWEST	PUBLIC	2,461	AS	1

Cycle 6 NPS / RIP Route ID Report

(Numerical By Summary Route and Subcomponent #)



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Cycle 6 Summary Totals for Mount Rainier National Park

Cycle 6 Route Totals			
	NPS Maintained	Concessionaire Maintained	Park Totals
Paved Roads, Data Collection Vehicle Rated (Miles)	94.87	0	94.87
Paved Roads, Manually Rated Length (Miles)	0.34	0	0.34
Paved Roads, Manually Rated Area (Sq. Ft.)	66,639	0	66,639
Unpaved Roads (Miles)	23.79	0	23.79
Paved Parking (Sq. Ft.)	1,230,281	0	1,230,281
Unpaved Parking (Sq. Ft.)	0	0	0

Cycle 6 Lane Miles and Overall Pavement Condition		
	Lanes Miles*	Pavement Condition Rating**
Data Collection Vehicle Routes	179.32	89
Manually Rated Roads	1.46	51
Parking Areas	21.18	74

* Equivalent Lane Miles are calculated by route using the following equations:
 - DCV and MRLs = (PAVE_WIDTH x PAVED_MI) / 11 foot lane
 - MRPs and PKGs = SQ_FEET / 5280 / 11 foot lane

**Parking and Manually Rated Routes are assigned the following PCR values based on the type of observed distresses:
 -Excellent = 97 -Good = 90 -Fair = 73
 -Poor = 53, 30, or 0 -Construction / Not Rated = -1

Cycle 6 NPS / RIP Route ID Report

(Numerical By Summary Route and Subcomponent #)



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General Park Road Functional Classification (FC) Table

FC	Type	User Access	Description	Route Numbers	Surface Types
1	Principal Park Road Rural Parkway	Public	Roads which constitute the main access route, circulatory tour, or thoroughfare for park visitors. Rural Parkways (e.g. Natchez Trace) are numbered 0001 - 0009.	0001 - 0009 0010 - 0099	AS - Asphaltic Concrete Pavement
2	Connector Park Road	Public	Roads which provide access within a park to areas of scenic, scientific, recreational or cultural interest, such as overlooks, campgrounds, etc.	0100 - 0199	BR - Brick or Pavers Road Bed CB - Cobble Stone Road Bed
3	Special Purpose Park Road	Public	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.	0200 - 0299	CO - Portland Cement Concrete Pavement
4	Primitive Park Road	Public	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. Note: Functional Classes 3 and 4 have the same route numbers because, historically, they were numbered similarly.	0200 - 0299	GR - Gravel Road Bed NV - Native or Dirt Material Road Bed
5	Administrative Park Road	Public	All public roads intended for access to administrative developments or structures such as park offices, employee quarters, or utility areas.	0400 - 0499	OT - Other Materials Road Bed
6	Administrative Park Road (Restricted Access)	Nonpublic	All roads normally closed to the public, including patrol roads, truck trails, and other similar roads. 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.	0400 - 0499	
7	Urban Parkway	Public	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.	0001 - 0009	
8	City Street	Public	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.	0600 - 0699	
N/A	Non-NPS Roads	Public	State, County, or City owned roads which border, traverse, or provide access to Park Facilities or Locations. Non-NPS roads are not assigned functional classes and are driven for GPS and Video Log only.	5000 - 5999	

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

The historic route numbering system also included a 300 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.

NPS / RIP Subcomponent Details for MORA

(Numerical By Summary Route and Subcomponent #)



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MORA Mount Rainier National Park

SUMMARY ROUTE INVENTORY FOR ROADS (1100 SERIES FMSS LOCATIONS)

Route Number	FMSS Number	Cycle Collected	Iteration Collected	Concession	Route Name	Route Description		Paved Miles	Unpaved Miles	Total Mileage	Functional Class	Area (SQ FT)
						From	To					
0200ZZ	40231	6	1		WHITE RIVER CAMPGROUND LOOPS	FROM ROUTE 0200A (WHITE RIVER CAMPGROUND ENTRANCE ROAD)	THROUGH CAMPGROUND	0.89	0.00	0.89	3	
0202ZZ	20215	6	1		PARADISE PICNIC AREA ROADS	FROM ROUTE 0014 (STATE ROUTE 706 (NISQUALLY ROAD))	TO ROUTE 0014 (STATE ROUTE 706 (NISQUALLY ROAD))	0.86	0.00	0.86	3	
0205ZZ	102599	6	1		COUGAR ROCK CAMPGROUND LOOPS	FROM ROUTE 0205 (COUGAR ROCK CAMPGROUND ENTRANCE ROAD)	THROUGH CAMPGROUND	1.97	0.00	1.97	3	
0206ZZ	103486	6	1		OHANA CAMPGROUND LOOPS	FROM ROUTE 0206 (OHANA CAMPGROUND ENTRANCE ROAD)	THROUGH CAMPGROUND	2.08	0.00	2.08	3	
0401ZZ	40232	6	1		TAHOMA WOODS RESIDENTIAL ROADS	FROM ROUTE 0400 (TAHOMA WOODS ADMIN ENTRANCE ROAD) ON RIGHT AT MP 0.07	TO END OF LOOP	0.81	0.00	0.81	5	
0403ZZ	40234	6	1		TAHOMA WOODS WASTE WATER SERVICE ROADS	FROM STATE ROUTE 706 (NISQUALLY ROAD)	TO END AT PLANT	0.04	0.00	0.04	6	
0404ZZ	40235	6	1		ROAD SERVICE (LONGMIRE WATER TREATMENT)	FROM ROUTE 0100 (LONGMIRE SOUTH BACK GATE ROAD)	TO END OF LOOP	0.30	0.00	0.30	6	
0408ZZ	247109	6	1		ROAD RESIDENTIAL (LONGMIRE)	FROM ROUTE 0100 (LONGMIRE SOUTH BACK GATE ROAD) ON LEFT	THROUGH RESIDENTIAL AREA	0.41	0.00	0.41	5	
0409ZZ	247108	6	1		ROAD CAMPGROUND LOOPS (LONGMIRE)	FROM ROUTE 0100 (LONGMIRE SOUTH BACK GATE ROAD)	THROUGH CAMPGROUND	0.94	0.07	1.01	5	

NPS / RIP Subcomponent Details for MORA

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MORA Mount Rainier National Park

SUMMARY ROUTE INVENTORY FOR PARKING AREAS (1300 SERIES FMSS LOCATIONS)

Route Number	FMSS Number	Cycle Collected	Iteration Collected	Concession	Route Name	Route Description		User Access	Area (SQ FT)
						From	To		
0904ZZ	20201	6	1		LONGMIRE RESIDENCE AREA #1 PARKING AREAS	FROM ROUTE 0100 (LONGMIRE SOUTH BACK GATE ROAD) ON LEFT AND RIGHT AND ROUTE 0408ZZ (ROAD RESIDENTIAL (LONGMIRE))	TO PARKING	NONPUBLIC	20,059
0907ZZ	20246	6	1		COUGAR ROCK PICNIC AREA PARKING COMPLEX	ADJACENT TO ROUTE 0211 (COUGAR ROCK PICNIC AREA ROAD) ON RIGHT AND LEFT		PUBLIC	24,549
0909ZZ	247119	6	1		CHRISTINE FALLS VIEWPOINT PARKING AREAS	ADJACENT TO ROUTE 0014 (STATE ROUTE 706 (NISQUALLY ROAD)) ON RIGHT		PUBLIC	4,301
0917ZZ	20258	6	1		FOURTH CROSSING PARKING COMPLEX	ADJACENT TO ROUTE 0500 (VALLEY ROAD) ON LEFT AND RIGHT AT MP 0.7		PUBLIC	31,406
0920ZZ	20262	6	1		REFLECTION LAKES PARKING COMPLEX	ADJACENT TO ROUTE 0013 (STEVENS CANYON ROAD) ON LEFT AND RIGHT		PUBLIC	22,566
0927ZZ	20269	6	1		OHANA RANGER STATION / RESIDENCE AREA PARKING COMPLEX	ADJACENT TO ROUTE 0210 (OHANA RANGER STATION ENTRANCE ROAD)		PUBLIC	33,768
0928ZZ	20271	6	1		TIPSOO LAKE PARKING COMPLEX	ADJACENT TO ROUTE 0012 (STATE ROUTE 410 (MATHER MEMORIAL PARKWAY))		PUBLIC	56,100
0936ZZ	40227	6	1		TAHOMA WOODS ADMIN BUILDING PARKING AREAS	FROM ROUTE 0400 (TAHOMA WOODS ADMIN ENTRANCE ROAD)	TO ROUTE 0400 (TAHOMA WOODS ADMIN ENTRANCE ROAD)	PUBLIC	26,675
0940ZZ	104356	6	1		OHANA CAMPGROUND PARKING AREAS	ADJACENT TO ROUTE 0206ZZ (OHANA CAMPGROUND LOOPS) AND ROUTE 0206 (OHANA CAMPGROUND ENTRANCE ROAD)		PUBLIC	14,246
0941ZZ	104386	6	1		COUGAR ROCK CAMPGROUND PARKING AREAS	FROM ROUTE 0205 (COUGAR ROCK CAMPGROUND ENTRANCE ROAD) AND ROUTE 0205ZZ (COUGAR ROCK CAMPGROUND LOOPS)	TO PARKING	PUBLIC	13,901
0943ZZ	108256	6	1		PARADISE PICNIC AREA PARKING COMPLEX	FROM ROUTE 0202ZZ (PARADISE PICNIC AREA ROADS)	TO PARKING	PUBLIC	55,053
0944ZZ	108261	6	1		LONGMIRE COMMUNITY BUILDING PARKING COMPLEX	ADJACENT TO ROUTE 0100 (LONGMIRE SOUTH BACK GATE ROAD) AT MP 0.6 ON LEFT AND RIGHT		PUBLIC	4,766
0946ZZ	240196	6	1		WHITE RIVER DAY USE PARKING AREAS	FROM ROUTE 0200A (WHITE RIVER CAMPGROUND ENTRANCE ROAD)	TO ROUTE 0200A (WHITE RIVER CAMPGROUND ENTRANCE ROAD)	PUBLIC	21,157

NPS / RIP Subcomponent Details for MORA

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MORA Mount Rainier National Park

SUMMARY ROUTE INVENTORY FOR PARKING AREAS (1300 SERIES FMSS LOCATIONS)

Route Number	FMSS Number	Cycle Collected	Iteration Collected	Concession	Route Name	Route Description		User Access	Area (SQ FT)
						From	To		
0950ZZ	247117	6	1		CARBON RIVER ENTRANCE PARKING AREAS	ADJACENT TO ROUTE 0102 (CARBON RIVER ENTRANCE ROAD) ON RIGHT AND LEFT		PUBLIC	2,461

MORA-0200ZZ Subcomponent Breakdown

Route Number	FMSS Number	Cycle Collected	Iteration Collected	Concession	Route Name	Route Description		Paved Miles	Unpaved Miles	Total Mileage	Functional Class	Area (SQ FT)
						From	To					
0200AZ	40231	6	1		WHITE RIVER CAMPGROUND LOOP A	FROM ROUTE 0200A (WHITE RIVER CAMPGROUND ENTRANCE ROAD)	TO END OF LOOP	0.33	0.00	0.33	3	
0200BZ	40231	6	1		WHITE RIVER CAMPGROUND LOOP B	FROM ROUTE 0200A (WHITE RIVER CAMPGROUND ENTRANCE ROAD) ON RIGHT	TO ROUTE 0200A (WHITE RIVER CAMPGROUND ENTRANCE ROAD) ON RIGHT	0.12	0.00	0.12	3	
0200CZ	40231	6	1		WHITE RIVER CAMPGROUND LOOP C	FROM ROUTE 0200A (WHITE RIVER CAMPGROUND ENTRANCE ROAD) ON RIGHT	TO ROUTE 0200A (WHITE RIVER CAMPGROUND ENTRANCE ROAD) ON RIGHT	0.18	0.00	0.18	3	
0200DZ	40231	6	1		WHITE RIVER CAMPGROUND LOOP D	FROM END OF ROUTE 0200A (WHITE RIVER CAMPGROUND ENTRANCE ROAD)	TO END OF LOOP	0.26	0.00	0.26	3	

NPS / RIP Subcomponent Details for MORA

Report Date: 04/26/2016

(Numerical By Summary Route and Subcomponent #)



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MORA Mount Rainier National Park

MORA-0202ZZ Subcomponent Breakdown

Route Number	FMSS Number	Cycle Collected	Iteration Collected	Concession	Route Name	Route Description		Paved Miles	Unpaved Miles	Total Mileage	Functional Class	Area (SQ FT)
						From	To					
0202AZ	20215	6	1		PARADISE PICNIC AREA ROAD	FROM ROUTE 0014 (STATE ROUTE 706 (NISQUALLY ROAD)) AT MP 17.24	TO ROUTE 0014 (STATE ROUTE 706 (NISQUALLY ROAD)) AT MP 16.91	0.75	0.00	0.75	3	
0202BZ	20215	6	1		PARADISE PICNIC AREA LOOP	FROM ROUTE 0202AZ (PARADISE PICNIC AREA ROAD)	TO END OF LOOP	0.12	0.00	0.12	3	

NPS / RIP Subcomponent Details for MORA

Report Date: 04/26/2016

(Numerical By Summary Route and Subcomponent #)



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MORA Mount Rainier National Park

MORA-0205ZZ Subcomponent Breakdown

Route Number	FMSS Number	Cycle Collected	Iteration Collected	Concession	Route Name	Route Description		Paved Miles	Unpaved Miles	Total Mileage	Functional Class	Area (SQ FT)
						From	To					
0205AZ	102599	6	1		COUGAR ROCK CAMPGROUND LOOP A	FROM ROUTE 0205 (COUGAR ROCK CAMPGROUND ENTRANCE ROAD) ON RIGHT AT MP 0.06	TO END OF LOOP	0.26	0.00	0.26	3	
0205BZ	102599	6	1		COUGAR ROCK CAMPGROUND LOOP B	FROM ROUTE 0205 (COUGAR ROCK CAMPGROUND ENTRANCE ROAD) ON RIGHT AT MP 0.08	TO END OF LOOP	0.29	0.00	0.29	3	
0205CZ	102599	6	1		COUGAR ROCK CAMPGROUND LOOP C	FROM ROUTE 0205 (COUGAR ROCK CAMPGROUND ENTRANCE ROAD) ON RIGHT AT MP 0.12	TO END OF LOOP	0.34	0.00	0.34	3	
0205DZ	102599	6	1		COUGAR ROCK CAMPGROUND LOOP D	FROM ROUTE 0205 (COUGAR ROCK CAMPGROUND ENTRANCE ROAD) ON RIGHT AT MP 0.19	TO END OF LOOP	0.40	0.00	0.40	3	
0205EZ	102599	6	1		COUGAR ROCK CAMPGROUND LOOP E	FROM ROUTE 0205 (COUGAR ROCK CAMPGROUND ENTRANCE ROAD) ON LEFT AT MP 0.36	TO ROUTE 0205 (COUGAR ROCK CAMPGROUND ENTRANCE ROAD)	0.23	0.00	0.23	3	
0205FAZ	102599	6	1		COUGAR ROCK CAMPGROUND LOOP F BISECTOR	FROM ROUTE 0205FZ (COUGAR ROCK CAMPGROUND LOOP F) ON LEFT AT MP 0.32	TO ROUTE 0205FZ (COUGAR ROCK CAMPGROUND LOOP F)	0.02	0.00	0.02	3	
0205FZ	102599	6	1		COUGAR ROCK CAMPGROUND LOOP F	FROM END OF ROUTE 0205 (COUGAR ROCK CAMPGROUND ENTRANCE ROAD)	TO END OF LOOP	0.43	0.00	0.43	3	

NPS / RIP Subcomponent Details for MORA

Report Date: 04/26/2016

(Numerical By Summary Route and Subcomponent #)



Shading Color Key

White = Paved Routes, DCV Driven

Grey = Paved Routes, DCV not Driven

Black = Paved Routes, Non-NPS

■ = Concession Route

Yellow = Unpaved Routes, DCV not Driven

Blue = Paved Parking Areas

Green = Unpaved Parking Areas

Red text denotes:

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 NC = Not Collected

MORA Mount Rainier National Park

MORA-0206ZZ Subcomponent Breakdown

Route Number	FMSS Number	Cycle Collected	Iteration Collected	Concession	Route Name	Route Description		Paved Miles	Unpaved Miles	Total Mileage	Functional Class	Area (SQ FT)
						From	To					
0206AZ	103486	6	1		OHANA CAMPGROUND LOOP A	FROM ROUTE 0206 (OHANA CAMPGROUND ENTRANCE ROAD) ON LEFT AT MP 0.31	TO END OF LOOP	0.48	0.00	0.48	3	
0206BZ	103486	6	1		OHANA CAMPGROUND LOOP B	FROM INTERSECTION OF ROUTE 0206 (OHANA CAMPGROUND ENTRANCE ROAD) ON RIGHT AT MP 0.34 AND ROUTE 0206CZ (OHANA CAMPGROUND LOOP C)	TO END OF LOOP	0.21	0.00	0.21	3	
0206CAZ	103486	6	1		OHANA CAMPGROUND LOOP C BISECTOR	FROM ROUTE 0206CZ (OHANA CAMPGROUND LOOP C) ON LEFT AT MP 0.11	TO ROUTE 0206CZ (OHANA CAMPGROUND LOOP C)	0.04	0.00	0.04	3	
0206CZ	103486	6	1		OHANA CAMPGROUND LOOP C	FROM INTERSECTION OF ROUTE 0206 (OHANA CAMPGROUND ENTRANCE ROAD) ON LEFT AT MP 0.34 AND ROUTE 0206BZ (OHANA CAMPGROUND LOOP B)	TO END OF LOOP	0.25	0.00	0.25	3	
0206DZ	103486	6	1		OHANA CAMPGROUND LOOP D	FROM ROUTE 0206 (OHANA CAMPGROUND ENTRANCE ROAD) ON LEFT AT MP 0.41	TO ROUTE 0206FZ (OHANA CAMPGROUND LOOP F)	0.15	0.00	0.15	3	
0206EZ	103486	6	1		OHANA CAMPGROUND LOOP E	FROM INTERSECTION OF ROUTE 0206 (OHANA CAMPGROUND ENTRANCE ROAD) ON RIGHT AT MP 0.50 AND ROUTE 0206FZ (OHANA CAMPGROUND LOOP F)	TO ROUTE 0206 (OHANA CAMPGROUND ENTRANCE ROAD)	0.23	0.00	0.23	3	
0206FZ	103486	6	1		OHANA CAMPGROUND LOOP F	FROM INTERSECTION OF ROUTE 0206 (OHANA CAMPGROUND ENTRANCE ROAD) ON LEFT AT MP 0.50 AND ROUTE 0206EZ (OHANA CAMPGROUND LOOP E)	TO END OF LOOP	0.25	0.00	0.25	3	
0206GZ	103486	6	1		OHANA CAMPGROUND LOOP G	FROM END OF ROUTE 0206 (OHANA CAMPGROUND ENTRANCE ROAD) AND ROUTE 0206HZ (OHANA CAMPGROUND LOOP H)	TO END OF LOOP	0.31	0.00	0.31	3	

NPS / RIP Subcomponent Details for MORA

(Numerical By Summary Route and Subcomponent #)



Shading Color Key

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Grey = Paved Routes, DCV not Driven

Black = Paved Routes, Non-NPS

■ = Concession Route

Yellow = Unpaved Routes, DCV not Driven

Blue = Paved Parking Areas

Green = Unpaved Parking Areas

Red text denotes:

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MORA Mount Rainier National Park

MORA-0206ZZ Subcomponent Breakdown

Route Number	FMSS Number	Cycle Collected	Iteration Collected	Concession	Route Name	Route Description		Paved Miles	Unpaved Miles	Total Mileage	Functional Class	Area (SQ FT)
						From	To					
0206HZ	103486	6	1		OHANA CAMPGROUND LOOP H	FROM ROUTE 0206 (OHANA CAMPGROUND ENTRANCE ROAD) ON RIGHT AT MP 0.56	TO INTERSECTION OF ROUTE 0206 (OHANA CAMPGROUND ENTRANCE ROAD) AND ROUTE 0206GZ (OHANA CAMPGROUND LOOP G)	0.16	0.00	0.16	3	

MORA-0401ZZ Subcomponent Breakdown

Route Number	FMSS Number	Cycle Collected	Iteration Collected	Concession	Route Name	Route Description		Paved Miles	Unpaved Miles	Total Mileage	Functional Class	Area (SQ FT)
						From	To					
0401AZ	40232	6	1		TAHOMA WOODS RESIDENTIAL ROAD BISECTOR	FROM ROUTE 0401Z (TAHOMA WOODS RESIDENTIAL ROAD) ON LEFT AT MP 0.23	TO ROUTE 0401Z (TAHOMA WOODS RESIDENTIAL ROAD) AT MP 0.56	0.04	0.00	0.04	5	
0401Z	40232	6	1		TAHOMA WOODS RESIDENTIAL ROAD	FROM ROUTE 0400 (TAHOMA WOODS ADMIN ENTRANCE ROAD) ON RIGHT AT MP 0.07	TO END OF LOOP	0.77	0.00	0.77	5	

MORA-0403ZZ Subcomponent Breakdown

Route Number	FMSS Number	Cycle Collected	Iteration Collected	Concession	Route Name	Route Description		Paved Miles	Unpaved Miles	Total Mileage	Functional Class	Area (SQ FT)
						From	To					
0403AZ	40234	6	1		TAHOMA WOODS WASTE WATER SERVICE AREA A	FROM ROUTE 0403Z (TAHOMA WOODS WASTE WATER SERVICE ROAD) ON RIGHT	TO END	0.00	0.00	0.00	6	4,240
0403Z	40234	6	1		TAHOMA WOODS WASTE WATER SERVICE ROAD	FROM STATE ROUTE 706 (NISQUALLY ROAD)	TO END AT PLANT	0.04	0.00	0.04	6	

NPS / RIP Subcomponent Details for MORA

(Numerical By Summary Route and Subcomponent #)



Shading Color Key

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Grey = Paved Routes, DCV not Driven

Black = Paved Routes, Non-NPS

■ = Concession Route

Yellow = Unpaved Routes, DCV not Driven

Blue = Paved Parking Areas

Green = Unpaved Parking Areas

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 PKG = Parking Areas
 NC = Not Collected

MORA Mount Rainier National Park

MORA-0404ZZ Subcomponent Breakdown

Route Number	FMSS Number	Cycle Collected	Iteration Collected	Concession	Route Name	Route Description		Paved Miles	Unpaved Miles	Total Mileage	Functional Class	Area (SQ FT)
						From	To					
0404AZ	40235	6	1		LONGMIRE WATER TREATMENT ROAD	FROM ROUTE 0100 (LONGMIRE SOUTH BACK GATE ROAD)	TO END OF LOOP	0.26	0.00	0.26	6	
0404BZ	40235	6	1		LONGMIRE WATER TREATMENT CUT THROUGH	FROM ROUTE 0404AZ (LONGMIRE WATER TREATMENT ROAD)	TO ROUTE 0404AZ (LONGMIRE WATER TREATMENT ROAD)	0.04	0.00	0.04	6	

MORA-0408ZZ Subcomponent Breakdown

Route Number	FMSS Number	Cycle Collected	Iteration Collected	Concession	Route Name	Route Description		Paved Miles	Unpaved Miles	Total Mileage	Functional Class	Area (SQ FT)
						From	To					
0408AZ	247109	6	1		LONGMIRE RESIDENTIAL ROAD A	FROM ROUTE 0100 (LONGMIRE SOUTH BACK GATE ROAD) ON LEFT	TO ROUTE 0100 (LONGMIRE SOUTH BACK GATE ROAD) ON LEFT	0.18	0.00	0.18	5	
0408BZ	247109	6	1		LONGMIRE RESIDENTIAL ROAD B	FROM ROUTE 0408AZ (LONGMIRE RESIDENTIAL ROAD A)	TO ROUTE 0408CZ (LONGMIRE RESIDENTIAL ROAD C)	0.08	0.00	0.08	5	
0408CZ	247109	6	1		LONGMIRE RESIDENTIAL ROAD C	FROM ROUTE 0408AZ (LONGMIRE RESIDENTIAL ROAD A)	TO DEAD END	0.15	0.00	0.15	5	

NPS / RIP Subcomponent Details for MORA

Report Date: 04/26/2016

(Numerical By Summary Route and Subcomponent #)



Shading Color Key

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Black = Paved Routes, Non-NPS

■ = Concession Route

Yellow = Unpaved Routes, DCV not Driven

Blue = Paved Parking Areas

Green = Unpaved Parking Areas

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MORA Mount Rainier National Park

MORA-0409ZZ Subcomponent Breakdown

Route Number	FMSS Number	Cycle Collected	Iteration Collected	Concession	Route Name	Route Description		Paved Miles	Unpaved Miles	Total Mileage	Functional Class	Area (SQ FT)
						From	To					
0409AZ	247108	6	1		LONGMIRE CAMPGROUND LOOP A	FROM ROUTE 0100 (LONGMIRE SOUTH BACK GATE ROAD) ON RIGHT	TO INTERSECTION OF ROUTE 0100 (LONGMIRE SOUTH BACK GATE ROAD) AND ROUTE 0409BZ (LONGMIRE CAMPGROUND LOOP B)	0.20	0.00	0.20	5	
0409BZ	247108	6	1		LONGMIRE CAMPGROUND LOOP B	FROM INTERSECTION OF ROUTE 0100 (LONGMIRE SOUTH BACK GATE ROAD) ON LEFT AND ROUTE 0409AZ (LONGMIRE CAMPGROUND LOOP A)	TO ROUTE 0100 (LONGMIRE SOUTH BACK GATE ROAD)	0.32	0.07	0.39	5	
0409CZ	247108	6	1		LONGMIRE CAMPGROUND LOOP C	FROM ROUTE 0100 (LONGMIRE SOUTH BACK GATE ROAD) ON LEFT	TO ROUTE 0409BZ (LONGMIRE CAMPGROUND LOOP B)	0.12	0.00	0.12	5	
0409DZ	247108	6	1		LONGMIRE CAMPGROUND LOOP D	FROM INTERSECTION OF ROUTE 0100 (LONGMIRE SOUTH BACK GATE ROAD) AND ROUTE 0409HZ (LONGMIRE CAMPGROUND LOOP H)	TO ROUTE 0409BZ (LONGMIRE CAMPGROUND LOOP B)	0.09	0.00	0.09	5	
0409EZ	247108	6	1		LONGMIRE CAMPGROUND LOOP E	FROM ROUTE 0409BZ (LONGMIRE CAMPGROUND LOOP B)	TO INTERSECTION OF ROUTE 0409FZ (LONGMIRE CAMPGROUND LOOP F) AND ROUTE 0409GZ (LONGMIRE CAMPGROUND LOOP G)	0.06	0.00	0.06	5	
0409FZ	247108	6	1		LONGMIRE CAMPGROUND LOOP F	FROM ROUTE 0100 (LONGMIRE SOUTH BACK GATE ROAD) ON LEFT	TO ROUTE 0409BZ (LONGMIRE CAMPGROUND LOOP B)	0.06	0.00	0.06	5	
0409GZ	247108	6	1		LONGMIRE CAMPGROUND LOOP G	FROM ROUTE 0409BZ (LONGMIRE CAMPGROUND LOOP B)	TO INTERSECTION OF ROUTE 0409FZ (LONGMIRE CAMPGROUND LOOP F) AND ROUTE 0409EZ (LONGMIRE CAMPGROUND LOOP E)	0.07	0.00	0.07	5	
0409HZ	247108	6	1		LONGMIRE CAMPGROUND LOOP H	FROM ROUTE 0100 (LONGMIRE SOUTH BACK GATE ROAD) AND ROUTE 0409DZ (LONGMIRE CAMPGROUND LOOP D)	TO ROUTE 0409AZ (LONGMIRE CAMPGROUND LOOP A)	0.01	0.00	0.01	5	

NPS / RIP Subcomponent Details for MORA

(Numerical By Summary Route and Subcomponent #)



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Blue = Paved Parking Areas

Green = Unpaved Parking Areas

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MORA Mount Rainier National Park

MORA-0904ZZ Subcomponent Breakdown

Route Number	FMSS Number	Cycle Collected	Iteration Collected	Concession	Route Name	Route Description		User Access	Area (SQ FT)
						From	To		
0904AZ	20201	6	1		LONGMIRE RESIDENCE AREA #1 PARKING A	ADJACENT TO ROUTE 0100 (LONGMIRE SOUTH BACK GATE ROAD) ON RIGHT		NONPUBLIC	2,796
0904BZ	20201	6	1		LONGMIRE RESIDENCE AREA #1 PARKING B	ADJACENT TO ROUTE 0100 (LONGMIRE SOUTH BACK GATE ROAD) ON LEFT		NONPUBLIC	1,701
0904CZ	20201	6	1		LONGMIRE RESIDENCE AREA #1 PARKING C	ADJACENT TO ROUTE 0100 (LONGMIRE SOUTH BACK GATE ROAD) ON RIGHT		NONPUBLIC	2,429
0904DZ	20201	6	1		LONGMIRE RESIDENCE AREA #1 PARKING D	ADJACENT TO ROUTE 0100 (LONGMIRE SOUTH BACK GATE ROAD) ON LEFT		NONPUBLIC	1,902
0904EZ	20201	6	1		LONGMIRE RESIDENCE AREA #1 PARKING E	FROM ROUTE 0408AZ (LONGMIRE RESIDENTIAL ROAD A)	TO PARKING	NONPUBLIC	5,354
0904FZ	20201	6	1		LONGMIRE RESIDENCE AREA #1 PARKING F	FROM ROUTE 0408AZ (LONGMIRE RESIDENTIAL ROAD A)	TO PARKING	NONPUBLIC	3,299
0904GZ	20201	6	1		LONGMIRE RESIDENCE AREA #1 PARKING G	ADJACENT TO ROUTE 0100 (LONGMIRE SOUTH BACK GATE ROAD) ON RIGHT		NONPUBLIC	2,578

NPS / RIP Subcomponent Details for MORA

Report Date: 04/26/2016

(Numerical By Summary Route and Subcomponent #)



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MORA Mount Rainier National Park

MORA-0907ZZ Subcomponent Breakdown

Route Number	FMSS Number	Cycle Collected	Iteration Collected	Concession	Route Name	Route Description		User Access	Area (SQ FT)
						From	To		
0907AZ	20246	6	1		COUGAR ROCK PICNIC AREA PARKING A	ADJACENT TO ROUTE 0211 (COUGAR ROCK PICNIC AREA ROAD) ON RIGHT AT MP 0.04		PUBLIC	1,439
0907BZ	20246	6	1		COUGAR ROCK PICNIC AREA PARKING B	ADJACENT TO ROUTE 0211 (COUGAR ROCK PICNIC AREA ROAD) ON RIGHT AT MP 0.07		PUBLIC	4,368
0907CZ	20246	6	1		COUGAR ROCK PICNIC AREA PARKING C	ADJACENT TO ROUTE 0211 (COUGAR ROCK PICNIC AREA ROAD) ON LEFT AT MP 0.07		PUBLIC	4,245
0907DZ	20246	6	1		COUGAR ROCK PICNIC AREA PARKING D	ADJACENT TO ROUTE 0211 (COUGAR ROCK PICNIC AREA ROAD) ON RIGHT AT MP 0.10		PUBLIC	920
0907EZ	20246	6	1		COUGAR ROCK PICNIC AREA PARKING E	ADJACENT TO ROUTE 0211 (COUGAR ROCK PICNIC AREA ROAD) ON RIGHT AT MP 0.15		PUBLIC	2,840
0907FZ	20246	6	1		COUGAR ROCK PICNIC AREA PARKING F	ADJACENT TO ROUTE 0211 (COUGAR ROCK PICNIC AREA ROAD) ON LEFT AT MP 0.14		PUBLIC	3,875
0907GZ	20246	6	1		COUGAR ROCK PICNIC AREA PARKING G	ADJACENT TO ROUTE 0211 (COUGAR ROCK PICNIC AREA ROAD) ON RIGHT AT MP 0.17		PUBLIC	855
0907HZ	20246	6	1		COUGAR ROCK PICNIC AREA PARKING H	ADJACENT TO ROUTE 0211 (COUGAR ROCK PICNIC AREA ROAD) ON RIGHT AT MP 0.20		PUBLIC	2,774
0907IZ	20246	6	1		COUGAR ROCK PICNIC AREA PARKING I	ADJACENT TO ROUTE 0211 (COUGAR ROCK PICNIC AREA ROAD) ON LEFT AT MP 0.20		PUBLIC	3,233

NPS / RIP Subcomponent Details for MORA

Report Date: 04/26/2016

(Numerical By Summary Route and Subcomponent #)



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■ = Concession Route

Yellow = Unpaved Routes, DCV not Driven

Blue = Paved Parking Areas

Green = Unpaved Parking Areas

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MORA Mount Rainier National Park

MORA-0909ZZ Subcomponent Breakdown

Route Number	FMSS Number	Cycle Collected	Iteration Collected	Concession	Route Name	Route Description		User Access	Area (SQ FT)
						From	To		
0909AZ	247119	6	1		CHRISTINE FALLS VIEWPOINT PARKING A	ADJACENT TO ROUTE 0014 (STATE ROUTE 706 (NISQUALLY ROAD)) ON RIGHT AT MP 11.50		PUBLIC	1,248
0909BZ	247119	6	1		CHRISTINE FALLS VIEWPOINT PARKING B	ADJACENT TO ROUTE 0014 (STATE ROUTE 706 (NISQUALLY ROAD)) ON RIGHT AT MP 10.75		PUBLIC	3,053

MORA-0917ZZ Subcomponent Breakdown

Route Number	FMSS Number	Cycle Collected	Iteration Collected	Concession	Route Name	Route Description		User Access	Area (SQ FT)
						From	To		
0917AZ	20258	6	1		FOURTH CROSSING PARKING A	ADJACENT TO ROUTE 0500 (VALLEY ROAD) ON RIGHT AT MP 0.66		PUBLIC	19,758
0917BZ	20258	6	1		FOURTH CROSSING PARKING B	ADJACENT TO ROUTE 0500 (VALLEY ROAD) ON LEFT AT MP 0.70		PUBLIC	11,648

MORA-0920ZZ Subcomponent Breakdown

Route Number	FMSS Number	Cycle Collected	Iteration Collected	Concession	Route Name	Route Description		User Access	Area (SQ FT)
						From	To		
0920AZ	20262	6	1		REFLECTION LAKES PARKING A	ADJACENT TO ROUTE 0013 (STEVENS CANYON ROAD) ON LEFT AT MP 1.33		PUBLIC	9,769
0920BZ	20262	6	1		REFLECTION LAKES PARKING B	ADJACENT TO ROUTE 0013 (STEVENS CANYON ROAD) ON RIGHT AT MP 1.43		PUBLIC	5,169
0920CZ	20262	6	1		REFLECTION LAKES PARKING C	ADJACENT TO ROUTE 0013 (STEVENS CANYON ROAD) ON LEFT AT MP 1.50		PUBLIC	7,628

NPS / RIP Subcomponent Details for MORA

(Numerical By Summary Route and Subcomponent #)



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■ = Concession Route

Yellow = Unpaved Routes, DCV not Driven

Blue = Paved Parking Areas

Green = Unpaved Parking Areas

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 NC = Not Collected

MORA Mount Rainier National Park

MORA-0927ZZ Subcomponent Breakdown

Route Number	FMSS Number	Cycle Collected	Iteration Collected	Concession	Route Name	Route Description		User Access	Area (SQ FT)
						From	To		
0927AZ	20269	6	1		OHANA RANGER STATION PARKING A	ADJACENT TO ROUTE 0210 (OHANA RANGER STATION ENTRANCE ROAD) AT MP 0.09		PUBLIC	26,524
0927BZ	20269	6	1		OHANA RANGER STATION PARKING B	ADJACENT TO ROUTE 0210 (OHANA RANGER STATION ENTRANCE ROAD) AT MP 0.20		PUBLIC	7,244

MORA-0928ZZ Subcomponent Breakdown

Route Number	FMSS Number	Cycle Collected	Iteration Collected	Concession	Route Name	Route Description		User Access	Area (SQ FT)
						From	To		
0928AZ	20271	6	1		TIPSOO LAKE PARKING A	ADJACENT TO ROUTE 0012 (STATE ROUTE 410 (MATHER MEMORIAL PARKWAY)) AT MP 11.34		PUBLIC	9,661
0928BZ	20271	6	1		TIPSOO LAKE PARKING B	ADJACENT TO ROUTE 0012 (STATE ROUTE 410 (MATHER MEMORIAL PARKWAY)) AT MP 11.19		PUBLIC	3,906
0928CZ	20271	6	1		TIPSOO LAKE PARKING C	ADJACENT TO ROUTE 0012 (STATE ROUTE 410 (MATHER MEMORIAL PARKWAY)) AT MP 11.00		PUBLIC	42,533

MORA-0936ZZ Subcomponent Breakdown

Route Number	FMSS Number	Cycle Collected	Iteration Collected	Concession	Route Name	Route Description		User Access	Area (SQ FT)
						From	To		
0936AZ	40227	6	1		TAHOMA WOODS ADMIN BUILDING PARKING A	FROM ROUTE 0400 (TAHOMA WOODS ADMIN ENTRANCE ROAD) AT MP 0.11	TO ROUTE 0400 (TAHOMA WOODS ADMIN ENTRANCE ROAD)	PUBLIC	17,484
0936BZ	40227	6	1		TAHOMA WOODS ADMIN BUILDING PARKING B	FROM ROUTE 0400 (TAHOMA WOODS ADMIN ENTRANCE ROAD)	TO PARKING	PUBLIC	9,191

NPS / RIP Subcomponent Details for MORA

(Numerical By Summary Route and Subcomponent #)



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Grey = Paved Routes, DCV not Driven

Black = Paved Routes, Non-NPS

■ = Concession Route

Yellow = Unpaved Routes, DCV not Driven

Blue = Paved Parking Areas

Green = Unpaved Parking Areas

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 MRL = Manually Rated Line
 MRP = Manually Rated Polygon
 PKG = Parking Areas
 NC = Not Collected

MORA Mount Rainier National Park

MORA-0940ZZ Subcomponent Breakdown

Route Number	FMSS Number	Cycle Collected	Iteration Collected	Concession	Route Name	Route Description		User Access	Area (SQ FT)
						From	To		
0940AZ	104356	6	1		OHANA CAMPGROUND VISITOR CENTER PARKING	ADJACENT TO ROUTE 0206 (OHANA CAMPGROUND ENTRANCE ROAD) AT MP 0.30		PUBLIC	3,890
0940BZ	104356	6	1		OHANA CAMPGROUND AMPHITHEATER PARKING	ADJACENT TO ROUTE 0206 (OHANA CAMPGROUND ENTRANCE ROAD) AT MP 0.41		PUBLIC	1,028
0940CZ	104356	6	1		OHANA CAMPGROUND LOOP A PICNIC PARKING	ADJACENT TO ROUTE 0206AZ (OHANA CAMPGROUND LOOP A) AT MP 0.03		PUBLIC	2,030
0940DZ	104356	6	1		OHANA CAMPGROUND LOOP B PARKING	ADJACENT TO ROUTE 0206BZ (OHANA CAMPGROUND LOOP B) AT MP 0.19		PUBLIC	3,010
0940EZ	104356	6	1		OHANA CAMPGROUND LOOP C PARKING	ADJACENT TO ROUTE 0206CZ (OHANA CAMPGROUND LOOP C) ON RIGHT		PUBLIC	4,288

NPS / RIP Subcomponent Details for MORA

(Numerical By Summary Route and Subcomponent #)



Shading Color Key

White = Paved Routes, DCV Driven

Grey = Paved Routes, DCV not Driven

Black = Paved Routes, Non-NPS

■ = Concession Route

Yellow = Unpaved Routes, DCV not Driven

Blue = Paved Parking Areas

Green = Unpaved Parking Areas

Red text denotes:

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

DCV = Data Collection Vehicle
 MRL = Manually Rated Line
 MRP = Manually Rated Polygon
 PKG = Parking Areas
 NC = Not Collected

MORA Mount Rainier National Park

MORA-0941ZZ Subcomponent Breakdown

Route Number	FMSS Number	Cycle Collected	Iteration Collected	Concession	Route Name	Route Description		User Access	Area (SQ FT)
						From	To		
0941AZ	104386	6	1		COUGAR ROCK CAMPGROUND RANGER STATION PARKING	ADJACENT TO ROUTE 0205 (COUGAR ROCK CAMPGROUND ENTRANCE ROAD) ON RIGHT AT MP 0.05		PUBLIC	3,152
0941BZ	104386	6	1		COUGAR ROCK CAMPGROUND DUMP STATION	FROM ROUTE 0205 (COUGAR ROCK CAMPGROUND ENTRANCE ROAD) ON LEFT AT MP 0.036	TO ROUTE 0205 (COUGAR ROCK CAMPGROUND ENTRANCE ROAD) ON LEFT	PUBLIC	4,362
0941CZ	104386	6	1		COUGAR ROCK CAMPGROUND PARKING C	ADJACENT TO ROUTE 0205FZ (COUGAR ROCK CAMPGROUND LOOP F) ON RIGHT		PUBLIC	1,391
0941DZ	104386	6	1		COUGAR ROCK CAMPGROUND PARKING D	ADJACENT TO ROUTE 0205FZ (COUGAR ROCK CAMPGROUND LOOP F) ON RIGHT		PUBLIC	1,223
0941EZ	104386	6	1		COUGAR ROCK CAMPGROUND PARKING E	ADJACENT TO ROUTE 0205FZ (COUGAR ROCK CAMPGROUND LOOP F) ON RIGHT		PUBLIC	1,234
0941FZ	104386	6	1		COUGAR ROCK CAMPGROUND PARKING F	ADJACENT TO ROUTE 0205FZ (COUGAR ROCK CAMPGROUND LOOP F) ON LEFT		PUBLIC	1,187
0941GZ	104386	6	1		COUGAR ROCK CAMPGROUND PARKING G	ADJACENT TO ROUTE 0205FZ (COUGAR ROCK CAMPGROUND LOOP F) ON RIGHT		PUBLIC	1,352

NPS / RIP Subcomponent Details for MORA

(Numerical By Summary Route and Subcomponent #)



Shading Color Key

White = Paved Routes, DCV Driven

Grey = Paved Routes, DCV not Driven

Black = Paved Routes, Non-NPS

■ = Concession Route

Yellow = Unpaved Routes, DCV not Driven

Blue = Paved Parking Areas

Green = Unpaved Parking Areas

Red text denotes:

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

DCV = Data Collection Vehicle
 MRL = Manually Rated Line
 MRP = Manually Rated Polygon
 PKG = Parking Areas
 NC = Not Collected

MORA Mount Rainier National Park

MORA-0943ZZ Subcomponent Breakdown

Route Number	FMSS Number	Cycle Collected	Iteration Collected	Concession	Route Name	Route Description		User Access	Area (SQ FT)
						From	To		
0943AZ	108256	6	1		PARADISE PICNIC AREA PARKING A	FROM ROUTE 0202AZ (PARADISE PICNIC AREA ROAD) AT MP 0.01	TO PARKING	PUBLIC	22,924
0943BZ	108256	6	1		PARADISE PICNIC AREA PARKING B	ADJACENT TO ROUTE 0202AZ (PARADISE PICNIC AREA ROAD) AT MP 0.04		PUBLIC	887
0943CZ	108256	6	1		PARADISE PICNIC AREA PARKING C	ADJACENT TO ROUTE 0202AZ (PARADISE PICNIC AREA ROAD) AT MP 0.11		PUBLIC	8,394
0943DZ	108256	6	1		PARADISE PICNIC AREA PARKING D	ADJACENT TO ROUTE 0202AZ (PARADISE PICNIC AREA ROAD) AT MP 0.12		PUBLIC	1,900
0943EZ	108256	6	1		PARADISE PICNIC AREA PARKING E	ADJACENT TO ROUTE 0202BZ (PARADISE PICNIC AREA LOOP) ON RIGHT		PUBLIC	1,951
0943FZ	108256	6	1		PARADISE PICNIC AREA PARKING F	ADJACENT TO ROUTE 0202BZ (PARADISE PICNIC AREA LOOP) ON RIGHT		PUBLIC	915
0943GZ	108256	6	1		PARADISE PICNIC AREA PARKING G	ADJACENT TO ROUTE 0202AZ (PARADISE PICNIC AREA ROAD)		PUBLIC	1,424
0943HZ	108256	6	1		PARADISE PICNIC AREA PARKING H	ADJACENT TO ROUTE 0202AZ (PARADISE PICNIC AREA ROAD)		PUBLIC	1,321
0943IZ	108256	6	1		PARADISE PICNIC AREA PARKING I	ADJACENT TO ROUTE 0202AZ (PARADISE PICNIC AREA ROAD)		PUBLIC	1,044
0943JZ	108256	6	1		PARADISE PICNIC AREA PARKING J	ADJACENT TO ROUTE 0202AZ (PARADISE PICNIC AREA ROAD)		PUBLIC	2,675
0943KZ	108256	6	1		PARADISE PICNIC AREA PARKING K	ADJACENT TO ROUTE 0202AZ (PARADISE PICNIC AREA ROAD)		PUBLIC	3,318
0943LZ	108256	6	1		PARADISE PICNIC AREA PARKING L	ADJACENT TO ROUTE 0202AZ (PARADISE PICNIC AREA ROAD)		PUBLIC	1,307
0943MZ	108256	6	1		PARADISE PICNIC AREA PARKING M	ADJACENT TO ROUTE 0202AZ (PARADISE PICNIC AREA ROAD)		PUBLIC	5,974
0943NZ	108256	6	1		PARADISE PICNIC AREA PARKING N	ADJACENT TO ROUTE 0202AZ (PARADISE PICNIC AREA ROAD)		PUBLIC	1,019

NPS / RIP Subcomponent Details for MORA

Report Date: 04/26/2016

(Numerical By Summary Route and Subcomponent #)



Shading Color Key

White = Paved Routes, DCV Driven

Grey = Paved Routes, DCV not Driven

Black = Paved Routes, Non-NPS

■ = Concession Route

Yellow = Unpaved Routes, DCV not Driven

Blue = Paved Parking Areas

Green = Unpaved Parking Areas

Red text denotes:

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

DCV = Data Collection Vehicle
 MRL = Manually Rated Line
 MRP = Manually Rated Polygon
 PKG = Parking Areas
 NC = Not Collected

MORA Mount Rainier National Park

MORA-0944ZZ Subcomponent Breakdown

Route Number	FMSS Number	Cycle Collected	Iteration Collected	Concession	Route Name	Route Description		User Access	Area (SQ FT)
						From	To		
0944AZ	108261	6	1		LONGMIRE COMMUNITY BUILDING PARKING A	ADJACENT TO ROUTE 0100 (LONGMIRE SOUTH BACK GATE ROAD) AT MP 0.56		PUBLIC	2,712
0944BZ	108261	6	1		LONGMIRE COMMUNITY BUILDING PARKING B	ADJACENT TO ROUTE 0100 (LONGMIRE SOUTH BACK GATE ROAD) AT MP 0.55		PUBLIC	2,054

MORA-0946ZZ Subcomponent Breakdown

Route Number	FMSS Number	Cycle Collected	Iteration Collected	Concession	Route Name	Route Description		User Access	Area (SQ FT)
						From	To		
0946AZ	240196	6	1		WHITE RIVER DAY USE PARKING	FROM ROUTE 0200A (WHITE RIVER CAMPGROUND ENTRANCE ROAD)	TO ROUTE 0200A (WHITE RIVER CAMPGROUND ENTRANCE ROAD)	PUBLIC	19,885
0946BZ	240196	6	1		WHITE RIVER CAMPGROUND REGISTRATION PARKING	ADJACENT TO ROUTE 0200A (WHITE RIVER CAMPGROUND ENTRANCE ROAD)		PUBLIC	1,272

MORA-0950ZZ Subcomponent Breakdown

Route Number	FMSS Number	Cycle Collected	Iteration Collected	Concession	Route Name	Route Description		User Access	Area (SQ FT)
						From	To		
0950AZ	247117	6	1		CARBON RIVER ENTRANCE PARKING A	ADJACENT TO ROUTE 0102 (CARBON RIVER ENTRANCE ROAD) ON RIGHT		PUBLIC	751
0950BZ	247117	6	1		CARBON RIVER ENTRANCE PARKING B	ADJACENT TO ROUTE 0102 (CARBON RIVER ENTRANCE ROAD) ON LEFT		PUBLIC	1,710

Route Identification Changes to Paved Routes from Previous Cycle Mount Rainier National Park

ROUTES REMOVED FROM PREVIOUS INVENTORY:			
Route No.	Route Name	Type of Change	Comments
0930ZZ	WHITE RIVER INFORMATION CENTER PARKING	OTHER	ROUTE 0930BZ WAS REMOVED FROM THE RIP INVENTORY IN CYCLE 6.

ROUTES ADDED FROM PREVIOUS INVENTORY:			
Route No.	Route Name	Type of Change	Comments
0406	ROAD SERVICE (OHANA WASTE WATER TREATMENT)	OTHER	PAVED ROUTE ADDED TO THE INVENTORY IN CYCLE 6.
0409ZZ	ROAD CAMPGROUND LOOPS (LONGMIRE)	OTHER	PAVED ROUTE ADDED TO THE INVENTORY IN CYCLE 6.
0906	MATERNITY CURVE PARKING	OTHER	PREVIOUSLY REMOVED ROUTE 0906, ADDED BACK TO RIP INVENTORY IN CYCLE 6.
0908	COMET FALLS PARKING	OTHER	PREVIOUSLY REMOVED ROUTE 0908, ADDED BACK TO RIP INVENTORY IN CYCLE 6.
0909ZZ	CHRISTINE FALLS VIEWPOINT PARKING AREAS	OTHER	PREVIOUSLY REMOVED ROUTES 0909A AND 0909B, ADDED BACK TO RIP INVENTORY AS ROUTE 0909AZ AND 0909BZ IN CYCLE 6.
0910	GLACIER HILL CHAIN UP PARKING	OTHER	PREVIOUSLY REMOVED ROUTE 0910, ADDED BACK TO RIP INVENTORY IN CYCLE 6.
0912	CANYON RIM VIEWPOINT PARKING	OTHER	PREVIOUSLY REMOVED ROUTE 0912, ADDED BACK TO RIP INVENTORY IN CYCLE 6.
0919	INSPIRATION POINT PARKING	OTHER	PREVIOUSLY REMOVED ROUTE 0919, ADDED BACK TO RIP INVENTORY IN CYCLE 6.
0925	BACKBONE RIDGE PARKING	OTHER	PREVIOUSLY REMOVED ROUTE 0925, ADDED BACK TO RIP INVENTORY IN CYCLE 6.
0931	OWYHIGH LAKE TRAIL PARKING	OTHER	PREVIOUSLY REMOVED ROUTE 0931, ADDED BACK TO RIP INVENTORY IN CYCLE 6.
0932	FRYING PAN CREEK / SUMMERLAND TRAILHEAD PARKING	OTHER	PREVIOUSLY REMOVED ROUTE 0932, ADDED BACK TO RIP INVENTORY IN CYCLE 6.
0938	SNOW LAKE TRAIL PARKING	OTHER	PREVIOUSLY REMOVED ROUTE 0938, ADDED BACK TO RIP INVENTORY IN CYCLE 6.
0940ZZ	OHANA CAMPGROUND PARKING AREAS	OTHER	PAVED PARKING AREA (0940EZ) ADDED TO THE INVENTORY IN CYCLE 6. UPDATED GPS WAS COLLECTED TO IMPROVE THE ACCURACY OF THE SHAPE AND SQUARE FOOTAGE.

Route Identification Changes to Paved Routes from Previous Cycle Mount Rainier National Park

ROUTES ADDED FROM PREVIOUS INVENTORY:			
Route No.	Route Name	Type of Change	Comments
0941ZZ	COUGAR ROCK CAMPGROUND PARKING AREAS	OTHER	PAVED PARKING AREAS (0914BZ THROUGH 0914GZ) WERE ADDED TO INVENTORY IN CYCLE 6.
0942	CARTER FALLS TRAILHEAD PARKING	OTHER	PREVIOUSLY REMOVED ROUTE 0942, ADDED BACK TO RIP INVENTORY IN CYCLE 6.
0943ZZ	PARADISE PICNIC AREA PARKING COMPLEX	OTHER	PAVED PARKING AREAS (0943LZ THROUGH 0943NZ) WERE ADDED TO THE INVENTORY IN CYCLE 6.
0945	TWIN FIRS TRAILHEAD PARKING	OTHER	PREVIOUSLY REMOVED ROUTE 0945, ADDED BACK TO RIP INVENTORY IN CYCLE 6.
0946ZZ	WHITE RIVER DAY USE PARKING AREAS	OTHER	PAVED PARKING AREA (0946BZ) ADDED TO THE INVENTORY IN CYCLE 6.
0947	THOMPSON'S HOUSE PARKING AREA	OTHER	PAVED PARKING AREA ADDED TO THE INVENTORY IN CYCLE 6.
0948	EMPLOYEE PARKING AT STEVEN CANYON STATION	OTHER	PAVED PARKING AREA ADDED TO THE INVENTORY IN CYCLE 6.
0949	NISQUALLY HOUSING PARKING	OTHER	PAVED PARKING AREA ADDED TO THE INVENTORY IN CYCLE 6.
0950ZZ	CARBON RIVER ENTRANCE PARKING AREAS	OTHER	PAVED PARKING AREAS (0950AZ AND 0950BZ) WERE ADDED TO INVENTORY IN CYCLE 6.

ROUTES MODIFIED FROM PREVIOUS INVENTORY:			
Route No.	Route Name	Type of Change	Comments
0012	STATE ROUTE 410 (MATHER MEMORIAL PARKWAY)	OTHER	IN CYCLE 6 THIS ROUTE WAS COLLECTED IN THE OPPOSITE DIRECTION THAN PREVIOUS CYCLES IN ORDER TO ALIGN WITH THE DIRECTION OF STATE ROUTE 410 (ACCORDING TO MILE MARKER SIGNAGE). IN CYCLE 6 THE ROAD WAS COLLECTED FROM NORTH TO EAST PARK BOUNDARIES. IN PREVIOUS CYCLES IT WAS COLLECTED FROM EAST TO NORTH PARK BOUNDARIES.
0102	CARBON RIVER ENTRANCE ROAD	OTHER	IN CYCLE 5 THE ROAD WAS ENTIRELY UNPAVED BUT IN CYCLE 6 A PAVED SECTION WAS ADDED.
0404ZZ	ROAD SERVICE (LONGMIRE WATER TREATMENT)	SURFACE TYPE CHANGE	SURFACE TYPE WAS GRAVEL IN CYCLE 5. IN CYCLE 6 IT WAS CHANGED TO ASPHALT.

Route Identification Changes to Paved Routes from Previous Cycle Mount Rainier National Park

ROUTES MODIFIED FROM PREVIOUS INVENTORY:			
Route No.	Route Name	Type of Change	Comments
0408ZZ	ROAD RESIDENTIAL (LONGMIRE)	ROUTE SPLIT	ROAD SECTIONS SPLIT FROM CYCLE 5 ROUTE 0904 IN CYCLE 6.
0901	NISQUALLY ENTRANCE SERVICE AREA PARKING	OTHER	UPDATED GPS WAS COLLECTED TO IMPROVE THE ACCURACY OF THE SHAPE AND SQUARE FOOTAGE.
0903	LONGMIRE NATIONAL PARK INN PARKING LOOP	OTHER	UPDATED GPS WAS COLLECTED TO IMPROVE THE ACCURACY OF THE SHAPE AND SQUARE FOOTAGE.
0904ZZ	LONGMIRE RESIDENCE AREA #1 PARKING AREAS	OTHER	CYCLE 5 ROUTE 0904 WAS DIVIDED INTO SEVEN SEPARATE PARKING AREAS (0904AZ THROUGH 0904GZ) IN CYCLE 6.
0905	LONGMIRE MAINTENANCE AREA #2 PARKING	OTHER	UPDATED GPS WAS COLLECTED TO IMPROVE THE ACCURACY OF THE SHAPE AND SQUARE FOOTAGE.
0907ZZ	COUGAR ROCK PICNIC AREA PARKING COMPLEX	OTHER	UPDATED GPS WAS COLLECTED TO IMPROVE THE ACCURACY OF THE SHAPE AND SQUARE FOOTAGE.
0913	NARADA FALLS PARKING	OTHER	UPDATED GPS WAS COLLECTED TO IMPROVE THE ACCURACY OF THE SHAPE AND SQUARE FOOTAGE.
0915	PARADISE PARKING (LOWER LOT)	RECONSTRUCTED	ROUTE RECONSTRUCTED AND REALIGNED.
0916	PARADISE PARKING (UPPER LOT)	OTHER	UPDATED GPS WAS COLLECTED TO IMPROVE THE ACCURACY OF THE SHAPE AND SQUARE FOOTAGE.
0927ZZ	OHANA RANGER STATION / RESIDENCE AREA PARKING COMPLEX	OTHER	UPDATED GPS WAS COLLECTED TO IMPROVE THE ACCURACY OF THE SHAPE AND SQUARE FOOTAGE.
5000	NATIONAL FOREST 52	OTHER	ROUTE NAME WAS UPDATED FROM "FOREST SERVICE ROAD" TO ALIGN WITH FMSS.

Section 3

Park Summary Information



Mount Rainier National Park



**Federal Lands Highway
Road Inventory Program**

Parkwide Paved Route Condition Summary

Mount Rainier National Park

Table 1: Paved Route Miles and Parking Area Square Footages by Access Level and PCR

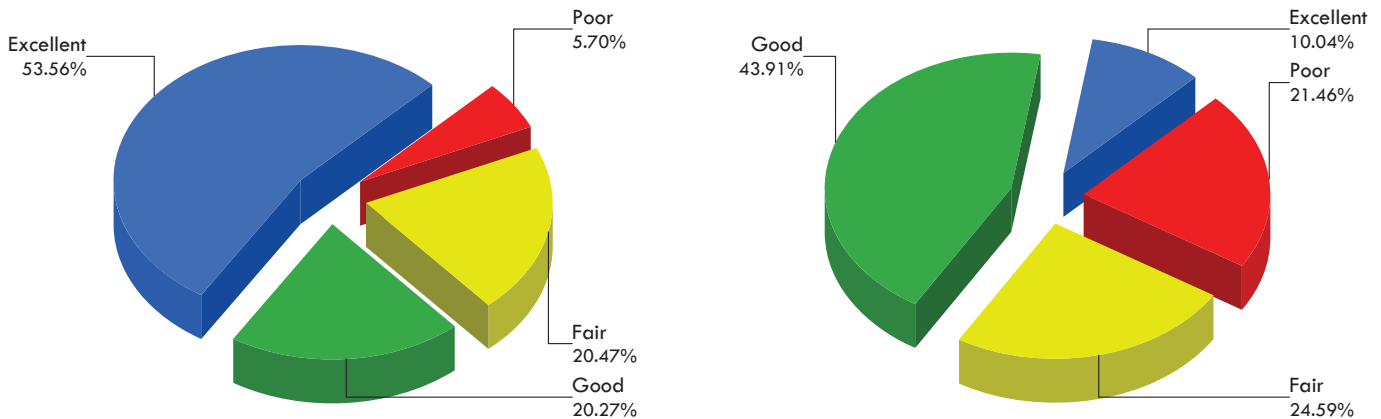
Breakdown of Pavement Condition Rating (PCR) Based on Access Level

	POOR (PCR of 0 - 60)	FAIR (PCR of 61 - 84)	GOOD (PCR of 85 - 94)	EXCELLENT (PCR of 95 -100)	
PAVED ROADS					
Functional Class	Length (miles)	Length (miles)	Length (miles)	Length (miles)	Total Mileage by FC
1	4.66	16.94	14.59	41.42	77.61
2		0.61	1.22	3.88	5.71
3	0.25	1.02	2.67	4.74	8.68
4					
5	0.51	0.74	0.62	0.43	2.29
6		0.12	0.16	0.39	0.66
7					
8					
Total Mileage by PCR	5.42	19.43	19.25	50.85	94.96
PAVED PARKING					
Access Level	Area (sq. ft.)	Area (sq. ft.)	Area (sq. ft.)	Area (sq. ft.)	Total Area
PUBLIC	262,432	294,413	341,846	122,819	1,021,510
NONPUBLIC		6,370	195,157		201,527
Total Area by PCR	262,432	300,783	537,003	122,819	1,223,037

NOTES:

1. Data are reported in the table only for paved roads and parking lots that received a condition rating.
2. Non-linear roads (MRP collected routes) are measured by area and converted to equivalent route miles based on a 22-ft pavement width in order to be included in the mileage totals for paved roads shown above.
3. Quantities in the table above are derived from the route condition data within the PMS_20, PMS_MRL, PMS_MRP, and PMS_PKG tables in the Park geodatabase.

Parkwide Condition Percentages



Road Condition Percentages

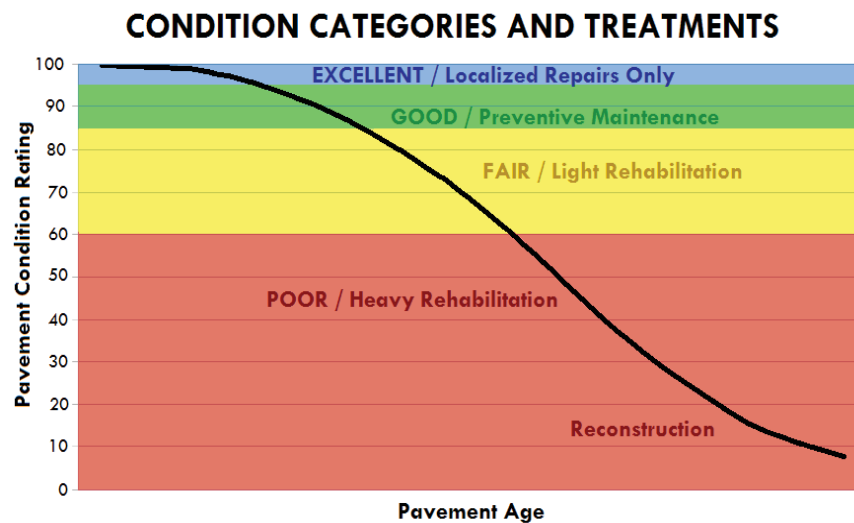
Parking Area Condition Percentages

Figure 1: Pavement Condition Rating Breakdown for Paved Roads and Parking Areas

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

The Road Inventory Program aims to provide assistance in translating the excellent / good / fair / poor rating categories into pavement needs categories. The PCR can be used to indicate the place in the Pavement Life Cycle and the type of treatments that should be considered now and into the future.

- Excellent / New: PCR of 95-100
 - o Pavements in this range will require only spot repairs
- Good: PCR of 85-94
 - o 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
 - o Pavements in this range will likely be candidates of Light Rehabilitation (L3R). Examples include singlelift overlays up to 2.5 inches in total thickness, milling and overlays.
- Poor: PCR of 0-60
 - o 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 at the time in which the data were 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.



Cycle 6 - Road Inventory Program Road Condition Summary Report for Data Collection Vehicle (DCV) Rated Roads

Mount Rainier National Park

Condition (Rating / Index) Legend

EXCELLENT (95 - 100)
GOOD (85 - 94)
FAIR (61 - 84)
POOR (0 - 60)
NR = NOT RATED

- Notes:
- This condition summary report contains only the roads rated with the Data Collection Vehicle (DCV).
 - Condition on roads that were manually rated and parking areas are shown in separate reports.
 - Additional details on individual road ratings can be found in Section 5 of the Cycle 6 RIP Report.
 - Refer to the RIP Report Appendix for an explanation of the rating system and rating methods.

Route-Level Condition for Roads Rated with the Data Collection Vehicle (DCV)

Route No.	FMSS No.	Route Name	Functional Class	Surf. Type	Paved Length (Miles)	Pavement Condition Rating (PCR)	Roughness Condition Index (RCI)	Surface Condition Rating (SCR)	Structural Crack Index	Alligator Crack Index	Longitudinal Cracking Index	Transverse Cracking Index	Patch / Pothole Index	Rutting Index
MORA-0010	20219	STATE ROUTE 123 (EAST SIDE HIGHWAY)	1	AS	13.86	96	92	99	100	100	100	100	100	99
MORA-0011	20220	SUNRISE ROAD	1	AS	15.38	90	76	99	100	100	100	100	100	99
MORA-0012	20222	STATE ROUTE 410 (MATHER MEMORIAL PARKWAY)	1	AS	11.68	94	87	99	100	100	100	100	100	99
MORA-0013	20224	STEVENS CANYON ROAD	1	AS	19.04	85	93	80	89	100	89	80	100	100
MORA-0014	20141	STATE ROUTE 706 (NISQUALLY ROAD)	1	AS	17.65	86	73	95	96	100	96	99	95	95
MORA-0100	20211	LONGMIRE SOUTH BACK GATE ROAD	3	AS	1.49	85	67	97	97	99	98	99	99	98
MORA-0102	235756	CARBON RIVER ENTRANCE ROAD	2	AS	0.19	94	NR	94	99	100	99	100	100	94
MORA-0200A	20335	WHITE RIVER CAMPGROUND ENTRANCE ROAD	2	AS	1.33	86	69	98	98	100	98	98	100	99
MORA-0200AZ	40231	WHITE RIVER CAMPGROUND LOOP A	3	AS	0.33	74	NR	74	74	99	75	92	98	92
MORA-0200BZ	40231	WHITE RIVER CAMPGROUND LOOP B	3	AS	0.12	82	NR	82	83	100	83	94	100	82
MORA-0200CZ	40231	WHITE RIVER CAMPGROUND LOOP C	3	AS	0.18	95	NR	95	95	100	95	99	100	97
MORA-0200DZ	40231	WHITE RIVER CAMPGROUND LOOP D	3	AS	0.26	80	NR	80	96	100	96	80	100	93
MORA-0202AZ	20215	PARADISE PICNIC AREA ROAD	3	AS	0.75	97	NR	97	100	100	100	100	100	97
MORA-0202BZ	20215	PARADISE PICNIC AREA LOOP	3	AS	0.12	98	NR	98	100	100	100	100	100	98
MORA-0203	20206	MILLER CUT OFF / RICKSECKER POINT LOOP ROAD	2	AS	1.05	93	86	97	100	100	100	100	99	97
MORA-0205	20199	COUGAR ROCK CAMPGROUND ENTRANCE ROAD	2	AS	0.38	96	NR	96	100	100	100	100	96	97
MORA-0205AZ	102599	COUGAR ROCK CAMPGROUND LOOP A	3	AS	0.26	96	NR	96	100	100	100	100	99	96
MORA-0205BZ	102599	COUGAR ROCK CAMPGROUND LOOP B	3	AS	0.29	96	NR	96	100	100	100	100	100	96
MORA-0205CZ	102599	COUGAR ROCK CAMPGROUND LOOP C	3	AS	0.34	96	NR	96	100	100	100	99	98	96



Cycle 6 - Road Inventory Program Road Condition Summary Report for Data Collection Vehicle (DCV) Rated Roads

Mount Rainier National Park

Condition (Rating / Index) Legend

EXCELLENT (95 - 100)
GOOD (85 - 94)
FAIR (61 - 84)
POOR (0 - 60)
NR = NOT RATED

- Notes:
- This condition summary report contains only the roads rated with the Data Collection Vehicle (DCV).
 - Condition on roads that were manually rated and parking areas are shown in separate reports.
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Route-Level Condition for Roads Rated with the Data Collection Vehicle (DCV)

Route No.	FMSS No.	Route Name	Functional Class	Surf. Type	Paved Length (Miles)	Pavement Condition Rating (PCR)	Roughness Condition Index (RCI)	Surface Condition Rating (SCR)	Structural Crack Index	Alligator Crack Index	Longitudinal Cracking Index	Transverse Cracking Index	Patch / Pothole Index	Rutting Index
MORA-0205DZ	102599	COUGAR ROCK CAMPGROUND LOOP D	3	AS	0.40	97	NR	97	100	100	100	100	100	97
MORA-0205EZ	102599	COUGAR ROCK CAMPGROUND LOOP E	3	AS	0.23	95	NR	95	100	100	100	100	100	95
MORA-0205FAZ	102599	COUGAR ROCK CAMPGROUND LOOP F BISECTOR	3	AS	0.02	93	NR	93	100	100	100	100	100	93
MORA-0205FZ	102599	COUGAR ROCK CAMPGROUND LOOP F	3	AS	0.43	95	NR	95	100	100	100	100	95	95
MORA-0206	20225	OHANA CAMPGROUND ENTRANCE ROAD	2	AS	0.64	96	NR	96	100	100	100	100	99	96
MORA-0206AZ	103486	OHANA CAMPGROUND LOOP A	3	AS	0.48	97	NR	97	100	100	100	100	100	97
MORA-0206BZ	103486	OHANA CAMPGROUND LOOP B	3	AS	0.21	91	NR	91	99	100	99	100	98	91
MORA-0206CAZ	103486	OHANA CAMPGROUND LOOP C BISECTOR	3	AS	0.04	93	NR	93	100	100	100	100	100	93
MORA-0206CZ	103486	OHANA CAMPGROUND LOOP C	3	AS	0.25	97	NR	97	100	100	100	100	100	97
MORA-0206DZ	103486	OHANA CAMPGROUND LOOP D	3	AS	0.15	96	NR	96	100	100	100	100	100	96
MORA-0206EZ	103486	OHANA CAMPGROUND LOOP E	3	AS	0.23	98	NR	98	100	100	100	100	100	98
MORA-0206FZ	103486	OHANA CAMPGROUND LOOP F	3	AS	0.25	94	NR	94	100	100	100	100	100	94
MORA-0206GZ	103486	OHANA CAMPGROUND LOOP G	3	AS	0.31	97	NR	97	100	100	100	100	100	97
MORA-0206HZ	103486	OHANA CAMPGROUND LOOP H	3	AS	0.16	96	NR	96	100	100	100	100	100	96
MORA-0209	20237	SUNRISE PICNIC AREA ROAD	3	AS	0.38	84	NR	84	90	98	92	99	95	84
MORA-0210	104353	OHANA RANGER STATION ENTRANCE ROAD	3	AS	0.38	85	NR	85	96	100	96	97	85	96
MORA-0211	108257	COUGAR ROCK PICNIC AREA ROAD	3	AS	0.29	96	NR	96	100	100	100	100	100	96
MORA-0400	20190	TAHOMA WOODS ADMIN ENTRANCE ROAD	3	AS	0.32	98	NR	98	100	100	100	100	100	98
MORA-0401AZ	40232	TAHOMA WOODS RESIDENTIAL ROAD BISECTOR	5	AS	0.04	93	NR	93	100	100	100	100	100	93



Cycle 6 - Road Inventory Program Road Condition Summary Report for Data Collection Vehicle (DCV) Rated Roads

Mount Rainier National Park

Condition (Rating / Index) Legend

EXCELLENT (95 - 100)
GOOD (85 - 94)
FAIR (61 - 84)
POOR (0 - 60)
NR = NOT RATED

- Notes:
- This condition summary report contains only the roads rated with the Data Collection Vehicle (DCV).
 - Condition on roads that were manually rated and parking areas are shown in separate reports.
 - Additional details on individual road ratings can be found in Section 5 of the Cycle 6 RIP Report.
 - Refer to the RIP Report Appendix for an explanation of the rating system and rating methods.

Route-Level Condition for Roads Rated with the Data Collection Vehicle (DCV)

Route No.	FMSS No.	Route Name	Functional Class	Surf. Type	Paved Length (Miles)	Pavement Condition Rating (PCR)	Roughness Condition Index (RCI)	Surface Condition Rating (SCR)	Structural Crack Index	Alligator Crack Index	Longitudinal Cracking Index	Transverse Cracking Index	Patch / Pothole Index	Rutting Index
MORA-0401Z	40232	TAHOMA WOODS RESIDENTIAL ROAD	5	AS	0.77	73	46	91	98	100	98	95	100	91
MORA-0403Z	40234	TAHOMA WOODS WASTE WATER SERVICE ROAD	6	AS	0.04	95	NR	95	100	100	100	100	100	95
MORA-0404AZ	40235	LONGMIRE WATER TREATMENT ROAD	6	AS	0.26	91	NR	91	94	100	94	92	97	91
MORA-0405	108258	KAUTZ HELIBASE ACCESS ROAD	5	AS	0.36	44	NR	44	44	78	66	98	94	88
MORA-0406	247111	ROAD SERVICE (OHANA WASTE WATER TREATMENT)	6	AS	0.29	98	NR	98	100	100	100	100	100	98
MORA-0408AZ	247109	LONGMIRE RESIDENTIAL ROAD A	5	AS	0.18	96	NR	96	100	100	100	100	100	96
MORA-0408BZ	247109	LONGMIRE RESIDENTIAL ROAD B	5	AS	0.08	98	NR	98	100	100	100	100	100	98
MORA-0408CZ	247109	LONGMIRE RESIDENTIAL ROAD C	5	AS	0.15	98	NR	98	99	100	99	99	100	98
MORA-0409AZ	247108	LONGMIRE CAMPGROUND LOOP A	5	AS	0.20	85	NR	85	100	100	100	100	100	85
MORA-0409BZ	247108	LONGMIRE CAMPGROUND LOOP B	5	AS	0.32	82	NR	82	99	99	100	100	100	82
MORA-0409CZ	247108	LONGMIRE CAMPGROUND LOOP C	5	AS	0.12	NR	NR	NR	NR	NR	NR	NR	NR	NR
MORA-0500	20234	VALLEY ROAD	2	AS	2.20	99	NR	99	100	100	100	100	100	99



Cycle 6 - Road Inventory Program Road Condition Summary Report for Manually Rated Roads

Condition (Rating / Index) Legend

EXCELLENT (95 - 100)
GOOD (85 - 94)
FAIR (61 - 84)
POOR (0 - 60)
NR = NOT RATED

Mount Rainier National Park

- Notes:
- This condition summary report contains only the roads that were manually rated.
 - MRL = Manually Rated Line (a linear road)
 - MRP = Manually Rated Polygon (a non-linear road)
 - Condition on roads that were rated with the Data Collection Vehicle (DCV) are shown in a separate report.
 - A road is manually rated when it is determined to be unsuitable for the DCV to drive.
 - Additional details on individual road ratings can be found in Section 5 of the Cycle 6 RIP Report.
 - Refer to the RIP Report Appendix for an explanation of the rating system and rating methods.

Route-Level Condition for Manually Rated Line (MRL) Roads

Route No.	FMSS No.	Route Name	Functional Class	Surf. Type	Paved Length (Miles)	Pavement Condition Rating (PCR)	Roughness Condition Index (RCI)	Surface Condition Rating (SCR)	Structural Crack Index	Alligator Crack Index	Longitudinal Cracking Index	Transverse Cracking Index	Patch / Pothole Index	Rutting Index
MORA-0404BZ	40235	LONGMIRE WATER TREATMENT CUT THROUGH	6	AS	0.04	90	NR	90	NR	97	90	90	97	97
MORA-0409DZ	247108	LONGMIRE CAMPGROUND LOOP D	5	AS	0.09	0	NR	0	NR	NR	NR	NR	NR	NR
MORA-0409EZ	247108	LONGMIRE CAMPGROUND LOOP E	5	AS	0.06	NR	NR	NR	NR	NR	NR	NR	NR	NR
MORA-0409FZ	247108	LONGMIRE CAMPGROUND LOOP F	5	AS	0.06	0	NR	0	NR	NR	NR	NR	NR	NR
MORA-0409GZ	247108	LONGMIRE CAMPGROUND LOOP G	5	AS	0.07	30	NR	30	NR	30	30	53	30	53
MORA-0409HZ	247108	LONGMIRE CAMPGROUND LOOP H	5	AS	0.01	90	NR	90	NR	90	97	97	97	90

Route-Level Condition for Manually Rated Polygon (MRP) Roads

Route No.	FMSS No.	Route Name	Functional Class	Surf. Type	Area (Sq. Ft.)	Pavement Condition Rating (PCR)	Asphalt Surface Distresses					Concrete Surface Distresses						
							Alligator Cracking	Longitudinal / Transverse Cracking	Rutting / Distortions	Potholes / Patching	HMA Patching	Surface Raveling / Bleeding	Joint Faulting	Slab Cracking	Joint Distresses	Delamination / Pop-Outs	Potholes / Patching	
MORA-0201	20194	SUNSHINE POINT CAMPGROUND ENTRANCE	3	AS	56,528	NR												
MORA-0212	103903	LONGMIRE HISTORIC GAS STATION ENTRANCE LOOP	3	AS	5,871	90	90	90	90	90	97							
MORA-0403AZ	40234	TAHOMA WOODS WASTE WATER SERVICE AREA A	6	CO	4,240	90						97	97	90	90	90	97	



Cycle 6 - Road Inventory Program Parking Area Condition Summary Report

Mount Rainier National Park

Condition (Rating / Index) Legend

EXCELLENT (97)
GOOD (90)
FAIR (73)
POOR* (0, 30, 53)
NR = NOT RATED

- Notes:
- A PCR of 0 indicates a paved parking area in very poor condition. Individual distresses could not be identified.
 - Additional details on individual parking areas can be found in Section 6 of the Cycle 6 RIP Report.
 - Refer to the RIP Report Appendix for an explanation of the rating system and rating methods.

Route No.	FMSS No.	Route Name	User Access	Surf. Type	Area (Sq. Ft.)	Pavement Condition Rating (PCR)	Asphalt Surface Distresses					Concrete Surface Distresses							
							Alligator Cracking	Longitudinal / Transverse Cracking	Rutting / Distortions	Potholes / Patching	HMA Patching	Surface Raveling / Bleeding	Joint Faulting	Slab Cracking	Joint Distresses	Delamination / Pop-Outs	Potholes / Patching		
MORA-0900	40236	TAHOMA WOODS RESIDENTIAL PARKING	PUBLIC	AS	3,213	90	97	97	97	97	97	90							
MORA-0901	40237	NISQUALLY ENTRANCE SERVICE AREA PARKING	NONPUBLIC	AS	10,536	90	97	97	90	90	97	90							
MORA-0902	20241	KAUTZ CREEK TRAILHEAD PARKING	PUBLIC	AS	17,040	97	97	97	97	97	97	97							
MORA-0903	20243	LONGMIRE NATIONAL PARK INN PARKING LOOP	PUBLIC	AS	58,386	90	97	90	90	90	97	90							
MORA-0904AZ	20201	LONGMIRE RESIDENCE AREA #1 PARKING A	NONPUBLIC	AS	2,796	90	97	90	90	90	97	90							
MORA-0904BZ	20201	LONGMIRE RESIDENCE AREA #1 PARKING B	NONPUBLIC	AS	1,701	90	97	90	90	90	97	90							
MORA-0904CZ	20201	LONGMIRE RESIDENCE AREA #1 PARKING C	NONPUBLIC	AS	2,429	90	97	90	90	97	97	97							
MORA-0904DZ	20201	LONGMIRE RESIDENCE AREA #1 PARKING D	NONPUBLIC	AS	1,902	90	97	90	90	97	97	90							
MORA-0904EZ	20201	LONGMIRE RESIDENCE AREA #1 PARKING E	NONPUBLIC	AS	5,354	90	97	97	90	97	97	90							
MORA-0904FZ	20201	LONGMIRE RESIDENCE AREA #1 PARKING F	NONPUBLIC	AS	3,299	90	90	90	90	90	97	90							
MORA-0904GZ	20201	LONGMIRE RESIDENCE AREA #1 PARKING G	NONPUBLIC	AS	2,578	90	97	90	90	97	97	97							
MORA-0905	20202	LONGMIRE MAINTENANCE AREA #2 PARKING	NONPUBLIC	AS	132,457	90	90	90	90	90	90	90							
MORA-0906	247128	MATERNITY CURVE PARKING	PUBLIC	AS	4,521	90	97	97	90	97	97	90							
MORA-0907AZ	20246	COUGAR ROCK PICNIC AREA PARKING A	PUBLIC	AS	1,439	90	97	97	90	97	97	90							
MORA-0907BZ	20246	COUGAR ROCK PICNIC AREA PARKING B	PUBLIC	AS	4,368	90	97	97	90	97	97	90							
MORA-0907CZ	20246	COUGAR ROCK PICNIC AREA PARKING C	PUBLIC	AS	4,245	90	97	90	90	97	97	90							
MORA-0907DZ	20246	COUGAR ROCK PICNIC AREA PARKING D	PUBLIC	AS	920	90	97	97	90	97	97	90							
MORA-0907EZ	20246	COUGAR ROCK PICNIC AREA PARKING E	PUBLIC	AS	2,840	90	97	97	90	97	97	90							
MORA-0907FZ	20246	COUGAR ROCK PICNIC AREA PARKING F	PUBLIC	AS	3,875	90	97	97	90	97	97	90							
MORA-0907GZ	20246	COUGAR ROCK PICNIC AREA PARKING G	PUBLIC	AS	855	90	97	97	90	97	97	90							
MORA-0907HZ	20246	COUGAR ROCK PICNIC AREA PARKING H	PUBLIC	AS	2,774	90	97	97	90	97	97	97							
MORA-0907IZ	20246	COUGAR ROCK PICNIC AREA PARKING I	PUBLIC	AS	3,233	90	97	97	90	97	97	97							
MORA-0908	247120	COMET FALLS PARKING	PUBLIC	AS	7,067	90	97	97	90	90	97	90							
MORA-0909AZ	247119	CHRISTINE FALLS VIEWPOINT PARKING A	PUBLIC	AS	1,248	53	90	90	90	53	97	90							
MORA-0909BZ	247119	CHRISTINE FALLS VIEWPOINT PARKING B	PUBLIC	AS	3,053	30	90	90	30	73	97	90							
MORA-0910	247123	GLACIER HILL CHAIN UP PARKING	PUBLIC	AS	22,830	53	53	90	73	53	90	73							



Cycle 6 - Road Inventory Program Parking Area Condition Summary Report

Mount Rainier National Park

Condition (Rating / Index) Legend

EXCELLENT (97)
GOOD (90)
FAIR (73)
POOR* (0, 30, 53)
NR = NOT RATED

- Notes:
- A PCR of 0 indicates a paved parking area in very poor condition. Individual distresses could not be identified.
 - Additional details on individual parking areas can be found in Section 6 of the Cycle 6 RIP Report.
 - Refer to the RIP Report Appendix for an explanation of the rating system and rating methods.

Route No.	FMSS No.	Route Name	User Access	Surf. Type	Area (Sq. Ft.)	Pavement Condition Rating (PCR)	Asphalt Surface Distresses					Concrete Surface Distresses						
							Alligator Cracking	Longitudinal / Transverse Cracking	Rutting / Distortions	Potholes / Patching	HMA Patching	Surface Raveling / Bleeding	Joint Faulting	Slab Cracking	Joint Distresses	Delamination / Pop-Outs	Potholes / Patching	
MORA-0912	247116	CANYON RIM VIEWPOINT PARKING	PUBLIC	AS	12,630	90	90	90	97	90	97	90						
MORA-0913	20254	NARADA FALLS PARKING	PUBLIC	AS	55,129	30	53	90	73	30	90	90						
MORA-0914	20255	PARADISE WASTEWATER TREATMENT PLANT PARKING	NONPUBLIC	AS	6,370	73	73	90	90	90	97	90						
MORA-0915	20256	PARADISE PARKING (LOWER LOT)	PUBLIC	AS	89,214	73	73	90	90	90	90	90						
MORA-0916	20257	PARADISE PARKING (UPPER LOT)	PUBLIC	AS	160,287	30	30	53	73	53	90	90						
MORA-0917AZ	20258	FOURTH CROSSING PARKING A	PUBLIC	AS	19,758	97	97	97	97	97	97	97						
MORA-0917BZ	20258	FOURTH CROSSING PARKING B	PUBLIC	AS	11,648	97	97	97	97	97	97	97						
MORA-0918	20259	LAKES TRAIL PARKING	PUBLIC	AS	7,848	97	97	97	97	97	97	97						
MORA-0919	247124	INSPIRATION POINT PARKING	PUBLIC	AS	14,472	97	97	97	97	97	97	97						
MORA-0920AZ	20262	REFLECTION LAKES PARKING A	PUBLIC	AS	9,769	97	97	97	97	97	97	97						
MORA-0920BZ	20262	REFLECTION LAKES PARKING B	PUBLIC	AS	5,169	97	97	97	97	97	97	97						
MORA-0920CZ	20262	REFLECTION LAKES PARKING C	PUBLIC	AS	7,628	97	97	97	97	97	97	97						
MORA-0921	20263	LOUISE LAKE PARKING	PUBLIC	AS	6,179	97	97	97	97	97	97	97						
MORA-0922	20264	BOX CANYON PICNIC AREA PARKING	PUBLIC	AS	18,024	73	73	90	90	97	97	90						
MORA-0923	20265	BOX CANYON OVERLOOK / EXHIBIT PARKING	PUBLIC	AS	14,109	90	97	90	97	97	97	97						
MORA-0925	247115	BACKBONE RIDGE PARKING	PUBLIC	AS	21,794	90	97	90	90	97	97	97						
MORA-0926	20268	GROVE OF THE PATRIARCHS PARKING	PUBLIC	AS	9,678	90	97	90	97	97	97	97						
MORA-0927AZ	20269	OHANA RANGER STATION PARKING A	PUBLIC	AS	26,524	90	97	90	90	97	90	97						
MORA-0927BZ	20269	OHANA RANGER STATION PARKING B	PUBLIC	AS	7,244	NR												
MORA-0928AZ	20271	TIPSOO LAKE PARKING A	PUBLIC	AS	9,661	90	97	97	90	97	97	97						
MORA-0928BZ	20271	TIPSOO LAKE PARKING B	PUBLIC	AS	3,906	90	97	97	90	97	97	97						
MORA-0928CZ	20271	TIPSOO LAKE PARKING C	PUBLIC	AS	42,533	90	97	97	97	90	97	90						
MORA-0929	20272	WHITE RIVER RANGER SERVICE AREA PARKING	NONPUBLIC	AS	25,154	90	90	90	90	97	97	90						
MORA-0930	20275	WHITE RIVER INFORMATION CENTER PARKING	PUBLIC	AS	6,840	73	97	97	90	97	97	73						
MORA-0931	247126	OWYHIGH LAKE TRAIL PARKING	PUBLIC	AS	3,670	73	97	97	73	97	97	73						
MORA-0932	247122	FRYING PAN CREEK / SUMMERLAND TRAILHEAD PARKING	PUBLIC	AS	6,752	73	97	97	73	97	97	73						



Cycle 6 - Road Inventory Program Parking Area Condition Summary Report

Mount Rainier National Park

Condition (Rating / Index) Legend

EXCELLENT (97)
GOOD (90)
FAIR (73)
POOR* (0, 30, 53)
NR = NOT RATED

- Notes:
- A PCR of 0 indicates a paved parking area in very poor condition. Individual distresses could not be identified.
 - Additional details on individual parking areas can be found in Section 6 of the Cycle 6 RIP Report.
 - Refer to the RIP Report Appendix for an explanation of the rating system and rating methods.

Route No.	FMSS No.	Route Name	User Access	Surf. Type	Area (Sq. Ft.)	Pavement Condition Rating (PCR)	Asphalt Surface Distresses					Concrete Surface Distresses							
							Alligator Cracking	Longitudinal / Transverse Cracking	Rutting / Distortions	Potholes / Patching	HMA Patching	Surface Raveling / Bleeding	Joint Faulting	Slab Cracking	Joint Distresses	Delamination / Pop-Outs	Potholes / Patching		
MORA-0934	20289	SUNRISE POINT PARKING	PUBLIC	AS	23,035	90	97	97	90	97	97	90							
MORA-0935	20292	SUNRISE LODGE PARKING	PUBLIC	AS	125,896	73	90	90	73	97	97	97							
MORA-0936AZ	40227	TAHOMA WOODS ADMIN BUILDING PARKING A	PUBLIC	AS	17,484	73	73	97	97	97	97	90							
MORA-0936BZ	40227	TAHOMA WOODS ADMIN BUILDING PARKING B	PUBLIC	AS	9,191	97	97	97	97	97	97	97							
MORA-0937	40228	PARADISE RESIDENCE ROAD PARKING	NONPUBLIC	AS	6,951	90	97	90	97	90	97	97							
MORA-0938	247127	SNOW LAKE TRAIL PARKING	PUBLIC	AS	7,761	97	97	97	97	97	97	97							
MORA-0940AZ	104356	OHANA CAMPGROUND VISITOR CENTER PARKING	PUBLIC	AS	3,890	90	97	90	90	90	97	90							
MORA-0940BZ	104356	OHANA CAMPGROUND AMPHITHEATER PARKING	PUBLIC	AS	1,028	73	97	97	90	97	97	73							
MORA-0940CZ	104356	OHANA CAMPGROUND LOOP A PICNIC PARKING	PUBLIC	AS	2,030	90	97	97	90	97	97	90							
MORA-0940DZ	104356	OHANA CAMPGROUND LOOP B PARKING	PUBLIC	AS	3,010	90	97	97	97	97	97	90							
MORA-0940EZ	104356	OHANA CAMPGROUND LOOP C PARKING	PUBLIC	AS	4,288	90	97	97	90	97	97	90							
MORA-0941AZ	104386	COUGAR ROCK CAMPGROUND RANGER STATION PARKING	PUBLIC	AS	3,152	90	97	97	90	97	90	97							
MORA-0941BZ	104386	COUGAR ROCK CAMPGROUND DUMP STATION	PUBLIC	AS	4,362	90	97	97	90	97	97	97							
MORA-0941CZ	104386	COUGAR ROCK CAMPGROUND PARKING C	PUBLIC	AS	1,391	90	97	97	97	97	97	90							
MORA-0941DZ	104386	COUGAR ROCK CAMPGROUND PARKING D	PUBLIC	AS	1,223	90	97	97	97	97	97	90							
MORA-0941EZ	104386	COUGAR ROCK CAMPGROUND PARKING E	PUBLIC	AS	1,234	73	97	97	97	97	97	73							
MORA-0941FZ	104386	COUGAR ROCK CAMPGROUND PARKING F	PUBLIC	AS	1,187	90	97	97	97	97	97	90							
MORA-0941GZ	104386	COUGAR ROCK CAMPGROUND PARKING G	PUBLIC	AS	1,352	90	97	97	90	97	97	90							
MORA-0942	247118	CARTER FALLS TRAILHEAD PARKING	PUBLIC	AS	5,424	73	97	90	73	90	90	90							
MORA-0943AZ	108256	PARADISE PICNIC AREA PARKING A	PUBLIC	AS	22,924	90	97	97	90	97	97	90							
MORA-0943BZ	108256	PARADISE PICNIC AREA PARKING B	PUBLIC	AS	887	90	97	97	90	97	97	90							
MORA-0943CZ	108256	PARADISE PICNIC AREA PARKING C	PUBLIC	AS	8,394	90	97	97	90	97	97	97							
MORA-0943DZ	108256	PARADISE PICNIC AREA PARKING D	PUBLIC	AS	1,900	90	97	97	90	97	97	90							
MORA-0943EZ	108256	PARADISE PICNIC AREA PARKING E	PUBLIC	AS	1,951	90	97	97	90	90	97	90							
MORA-0943FZ	108256	PARADISE PICNIC AREA PARKING F	PUBLIC	AS	915	90	97	97	90	97	97	90							
MORA-0943GZ	108256	PARADISE PICNIC AREA PARKING G	PUBLIC	AS	1,424	90	97	97	97	97	97	90							



Cycle 6 - Road Inventory Program Parking Area Condition Summary Report

Mount Rainier National Park

Condition (Rating / Index) Legend

EXCELLENT (97)
GOOD (90)
FAIR (73)
POOR* (0, 30, 53)
NR = NOT RATED

- Notes:
- A PCR of 0 indicates a paved parking area in very poor condition. Individual distresses could not be identified.
 - Additional details on individual parking areas can be found in Section 6 of the Cycle 6 RIP Report.
 - Refer to the RIP Report Appendix for an explanation of the rating system and rating methods.

Condition Rating Details for Parking Areas

Route No.	FMSS No.	Route Name	User Access	Surf. Type	Area (Sq. Ft.)	Pavement Condition Rating (PCR)	Asphalt Surface Distresses					Concrete Surface Distresses						
							Alligator Cracking	Longitudinal / Transverse Cracking	Rutting / Distortions	Potholes / Patching	HMA Patching	Surface Raveling / Bleeding	Joint Faulting	Slab Cracking	Joint Distresses	Delamination / Pop-Outs	Potholes / Patching	
MORA-0943HZ	108256	PARADISE PICNIC AREA PARKING H	PUBLIC	AS	1,321	90	97	97	90	97	97	90						
MORA-0943IZ	108256	PARADISE PICNIC AREA PARKING I	PUBLIC	AS	1,044	90	97	97	90	97	97	90						
MORA-0943JZ	108256	PARADISE PICNIC AREA PARKING J	PUBLIC	AS	2,675	90	97	97	90	97	97	90						
MORA-0943KZ	108256	PARADISE PICNIC AREA PARKING K	PUBLIC	AS	3,318	90	97	97	90	97	97	90						
MORA-0943LZ	108256	PARADISE PICNIC AREA PARKING L	PUBLIC	AS	1,307	90	97	97	90	97	97	90						
MORA-0943MZ	108256	PARADISE PICNIC AREA PARKING M	PUBLIC	AS	5,974	73	97	97	90	97	97	73						
MORA-0943NZ	108256	PARADISE PICNIC AREA PARKING N	PUBLIC	AS	1,019	90	97	97	90	97	97	90						
MORA-0944AZ	108261	LONGMIRE COMMUNITY BUILDING PARKING A	PUBLIC	AS	2,712	73	97	97	90	97	97	73						
MORA-0944BZ	108261	LONGMIRE COMMUNITY BUILDING PARKING B	PUBLIC	AS	2,054	73	97	97	97	97	97	73						
MORA-0945	247129	TWIN FIRS TRAILHEAD PARKING	PUBLIC	AS	5,736	97	97	97	97	97	97	97						
MORA-0946AZ	240196	WHITE RIVER DAY USE PARKING	PUBLIC	AS	19,885	53	73	53	73	90	97	90						
MORA-0946BZ	240196	WHITE RIVER CAMPGROUND REGISTRATION PARKING	PUBLIC	AS	1,272	73	97	97	90	97	97	73						
MORA-0947	237216	THOMPSON'S HOUSE PARKING AREA	PUBLIC	AS	4,525	90	97	90	97	97	97	97						
MORA-0948	247121	EMPLOYEE PARKING AT STEVEN CANYON STATION	PUBLIC	AS	620	97	97	97	97	97	97	97						
MORA-0949	247125	NISQUALLY HOUSING PARKING	PUBLIC	AS	5,125	73	73	90	73	90	90	90						
MORA-0950AZ	247117	CARBON RIVER ENTRANCE PARKING A	PUBLIC	AS	751	90	97	90	90	97	97	97						
MORA-0950BZ	247117	CARBON RIVER ENTRANCE PARKING B	PUBLIC	AS	1,710	73	97	90	90	73	97	97						

Section 4 Park Route Location Maps



Mount Rainier National Park

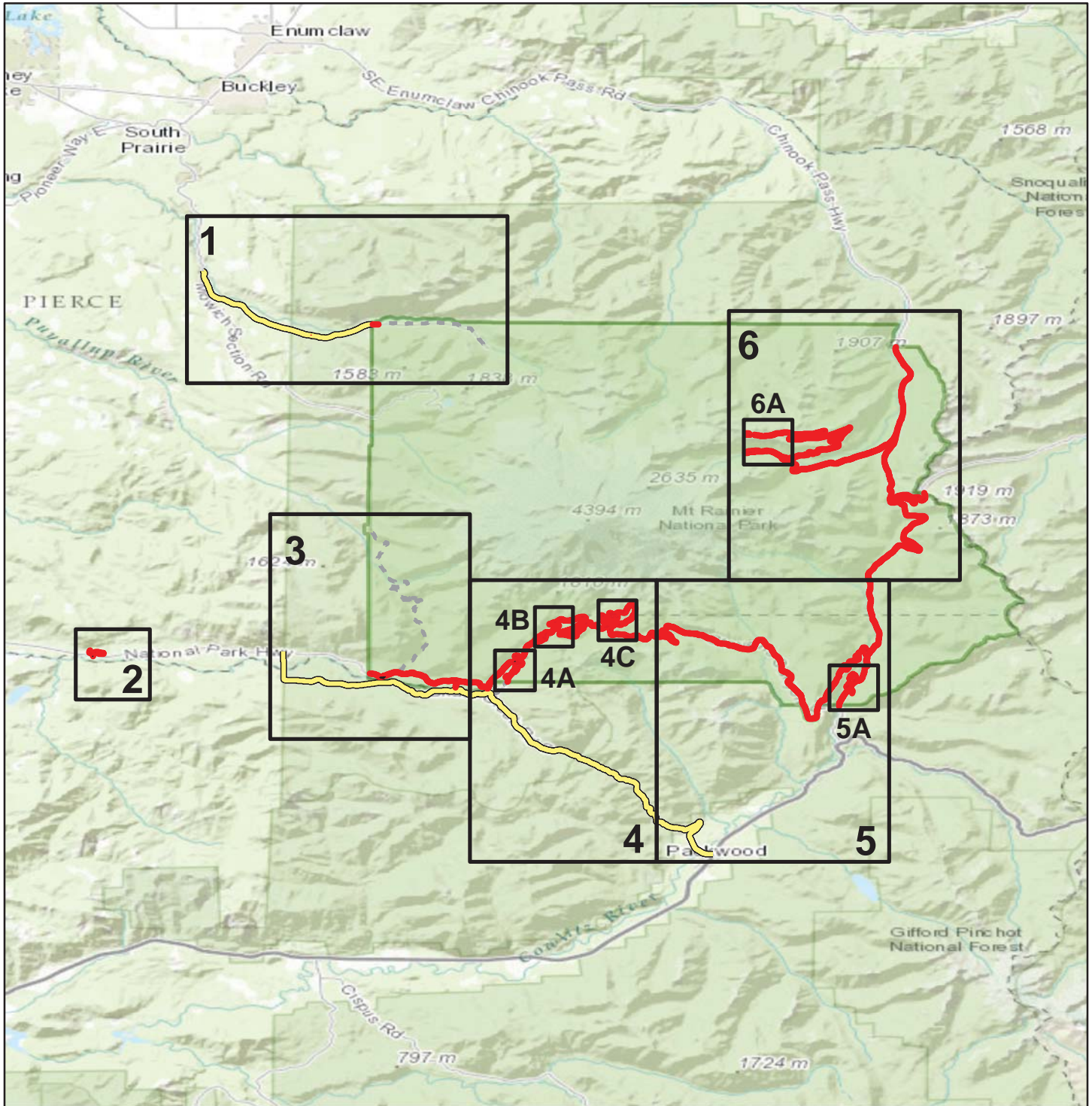


Federal Lands Highway
Road Inventory Program

Mount Rainier National Park

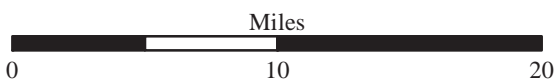
ROUTE LOCATION MAP

Key Map



Sources: Esri, DeLorme, NAVTEQ, TomTom, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), swisstopo, and the GIS User Community

————— NPS Collected Routes ————— Non-NPS Collected Routes



Mount Rainier National Park

ROUTE LOCATION MAP

Area Map 1



Sources: Esri, DeLorme, NAVTEQ, TomTom, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), swisstopo, and the GIS User Community

Note: Unique colors are used to differentiate roads

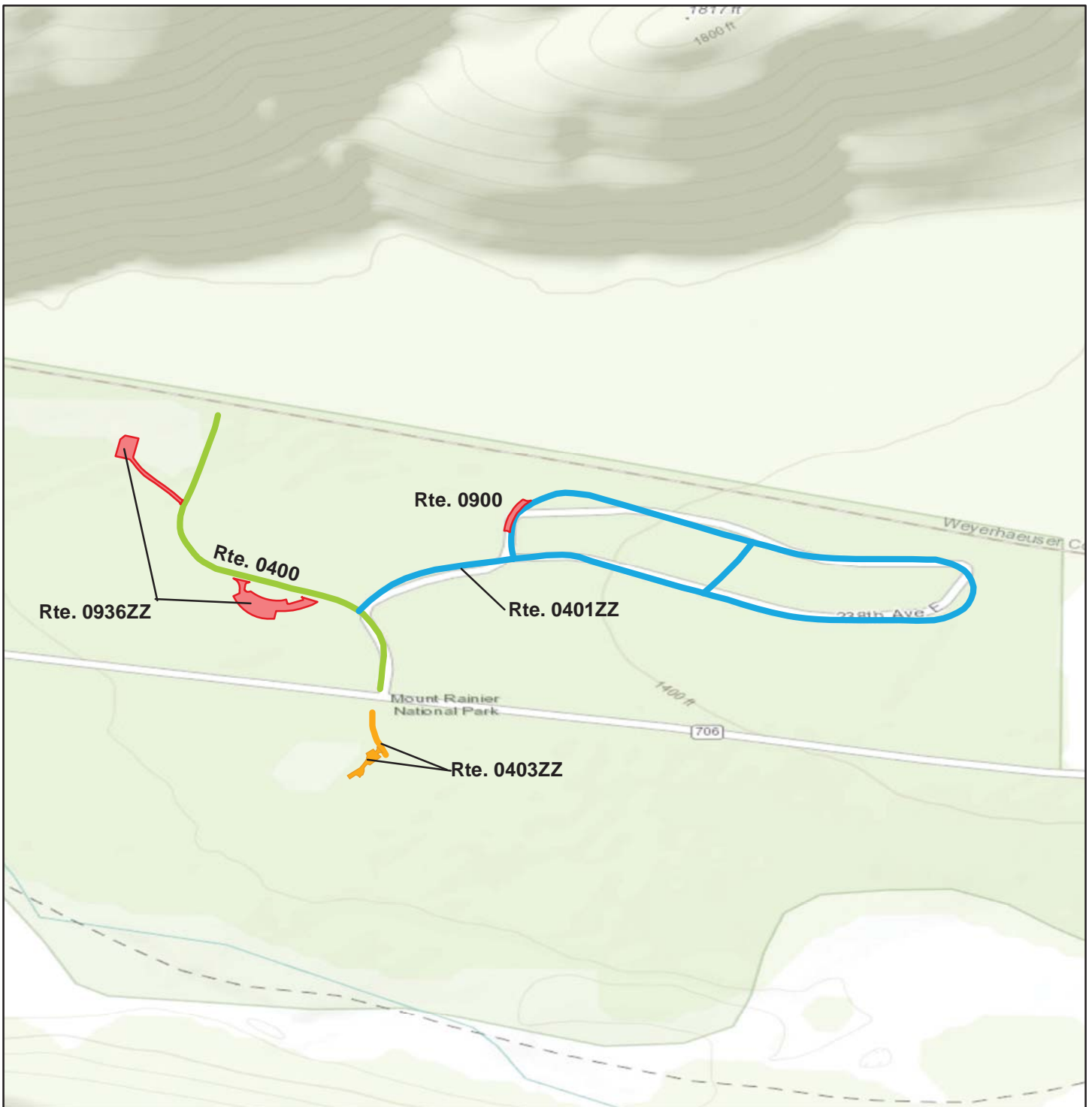
 Non-NPS Collected Routes



Mount Rainier National Park

ROUTE LOCATION MAP

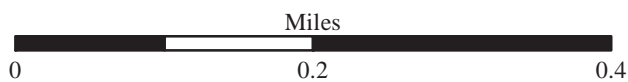
Area Map 2



Sources: Esri, DeLorme, NAVTEQ, TomTom, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), swisstopo, and the GIS User Community

Note: Unique colors are used to differentiate roads

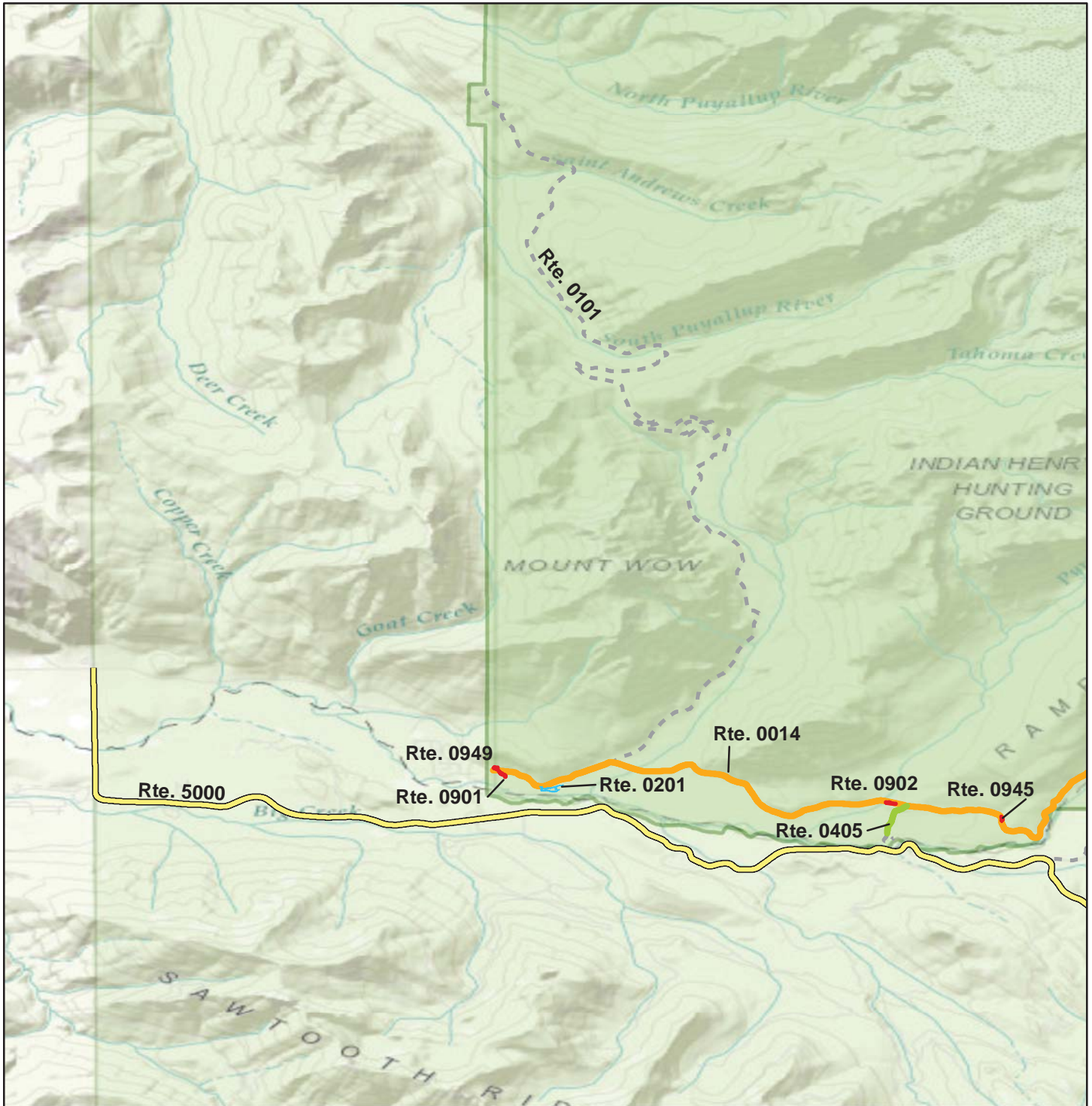
 **Non-NPS Collected Routes**



Mount Rainier National Park

ROUTE LOCATION MAP

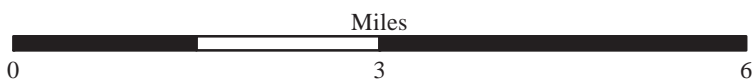
Area Map 3



Sources: Esri, DeLorme, NAVTEQ, TomTom, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), swisstopo, and the GIS User Community

Note: Unique colors are used to differentiate roads

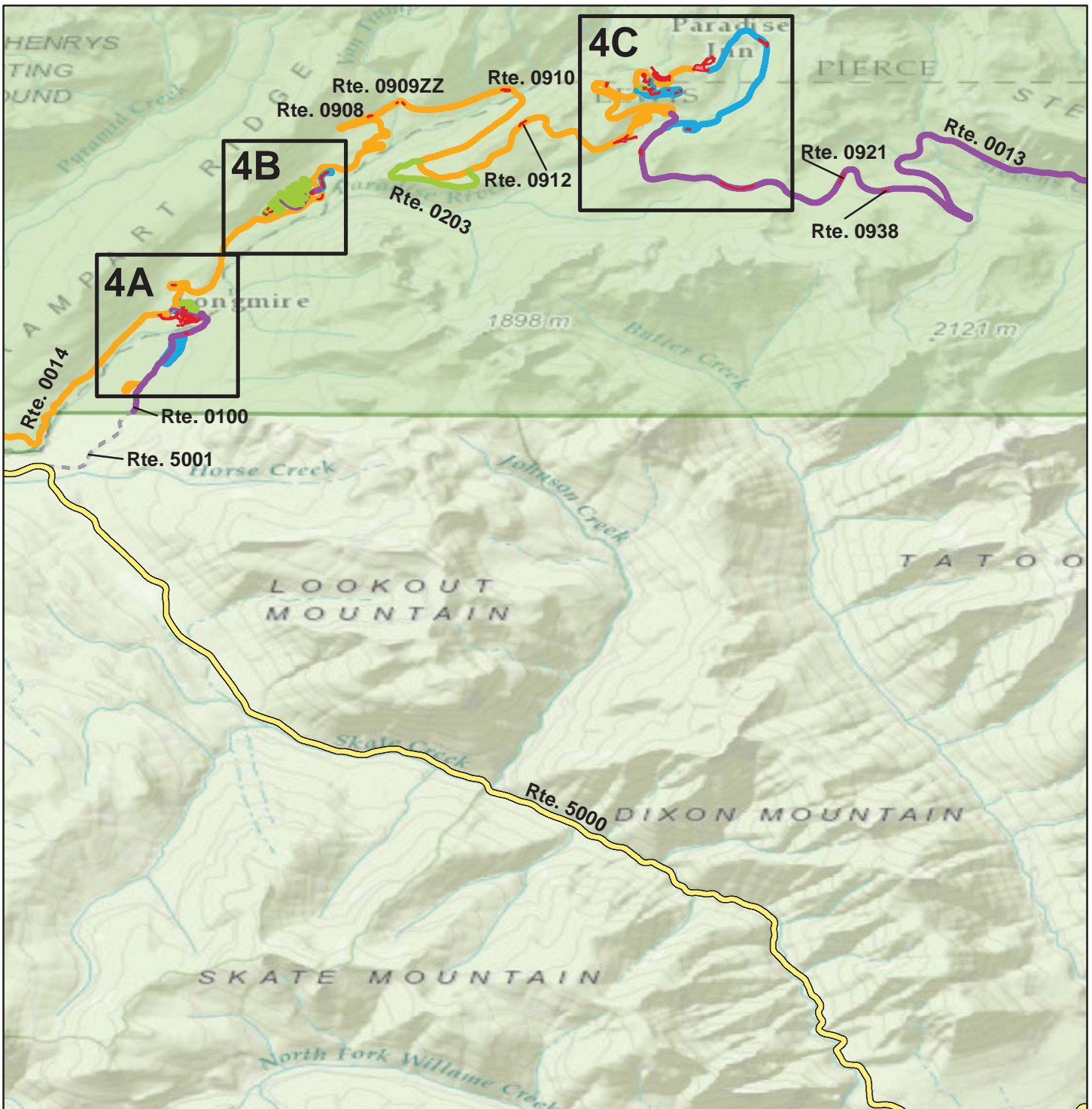
Non-NPS Collected Routes



Mount Rainier National Park

ROUTE LOCATION MAP

Area Map 4



Sources: Esri, DeLorme, NAVTEQ, TomTom, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), swisstopo, and the GIS User Community

Note: Unique colors are used to differentiate roads

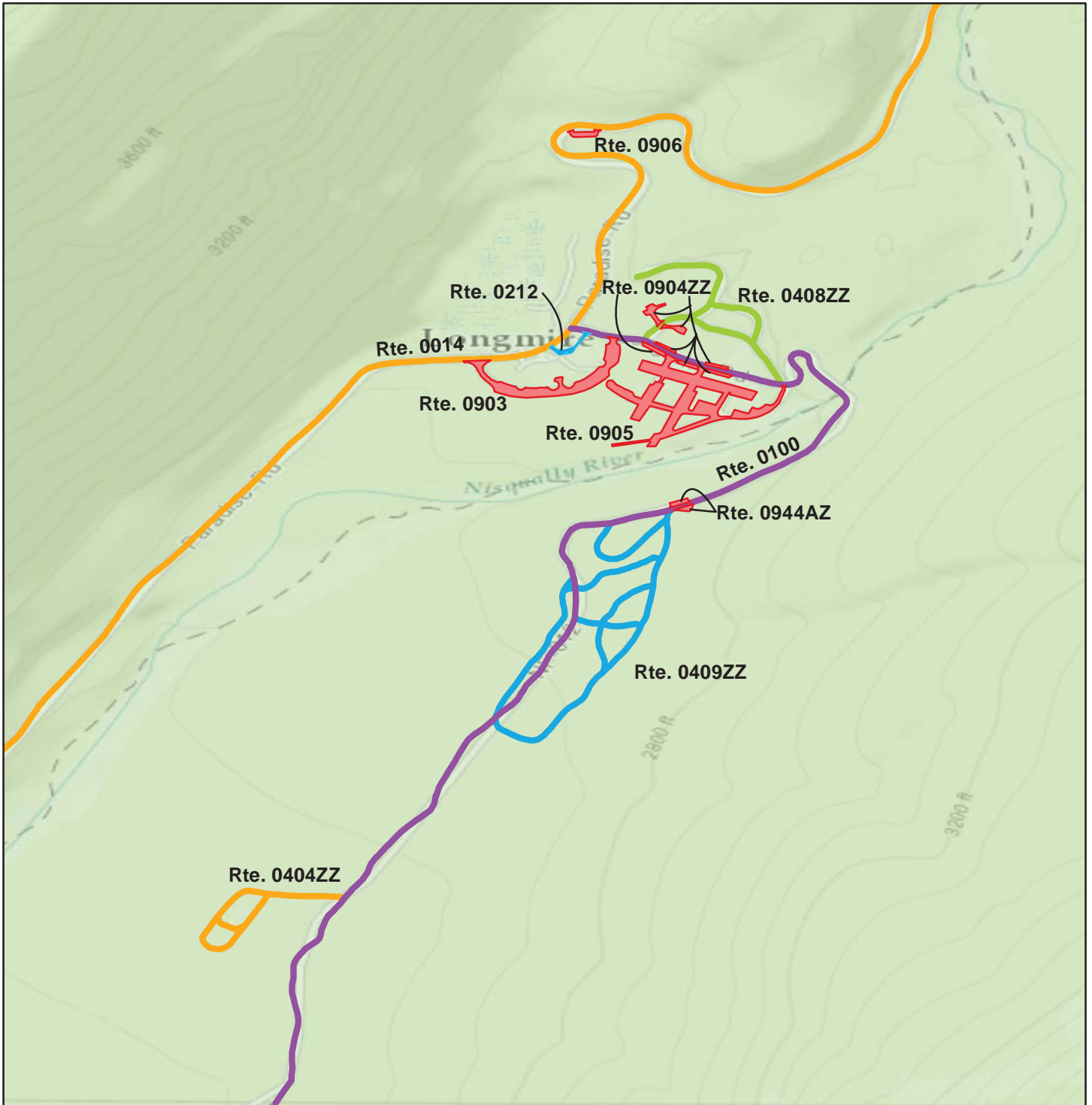
————— Non-NPS Collected Routes



Mount Rainier National Park

ROUTE LOCATION MAP

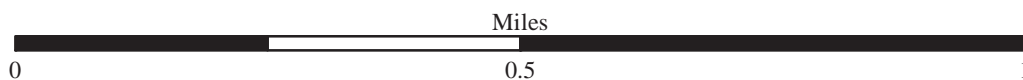
Area Map 4A



Sources: Esri, DeLorme, NAVTEQ, TomTom, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), swisstopo, and the GIS User Community

Note: Unique colors are used to differentiate roads

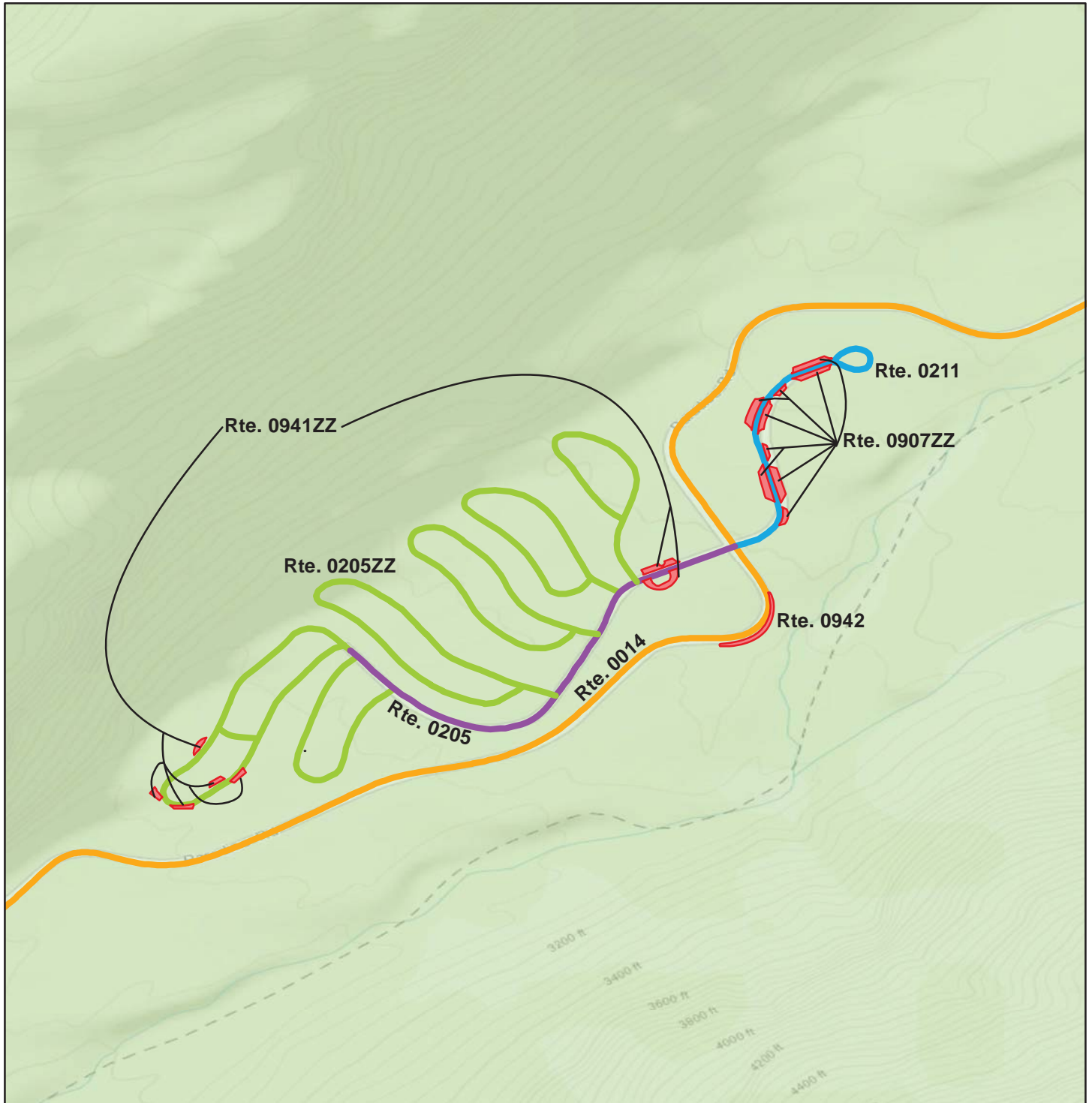
 **Non-NPS Collected Routes**



Mount Rainier National Park

ROUTE LOCATION MAP

Area Map 4B



Sources: Esri, DeLorme, NAVTEQ, TomTom, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), swisstopo, and the GIS User Community

Note: Unique colors are used to differentiate roads

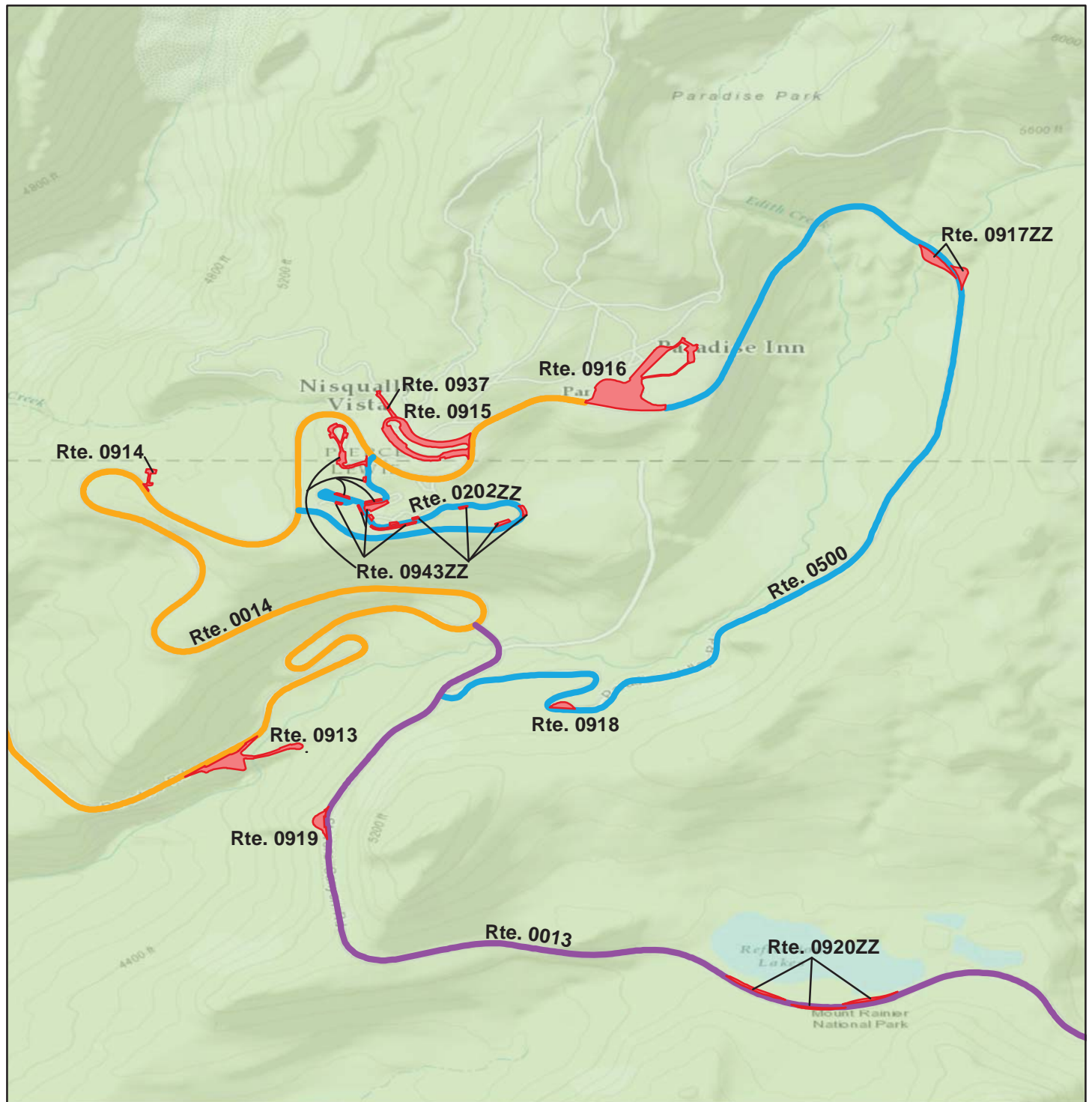
 **Non-NPS Collected Routes**



Mount Rainier National Park

ROUTE LOCATION MAP

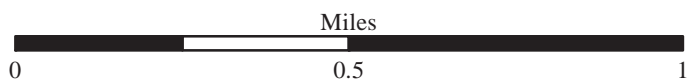
Area Map 4C



Sources: Esri, DeLorme, NAVTEQ, TomTom, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), swisstopo, and the GIS User Community

Note: Unique colors are used to differentiate roads

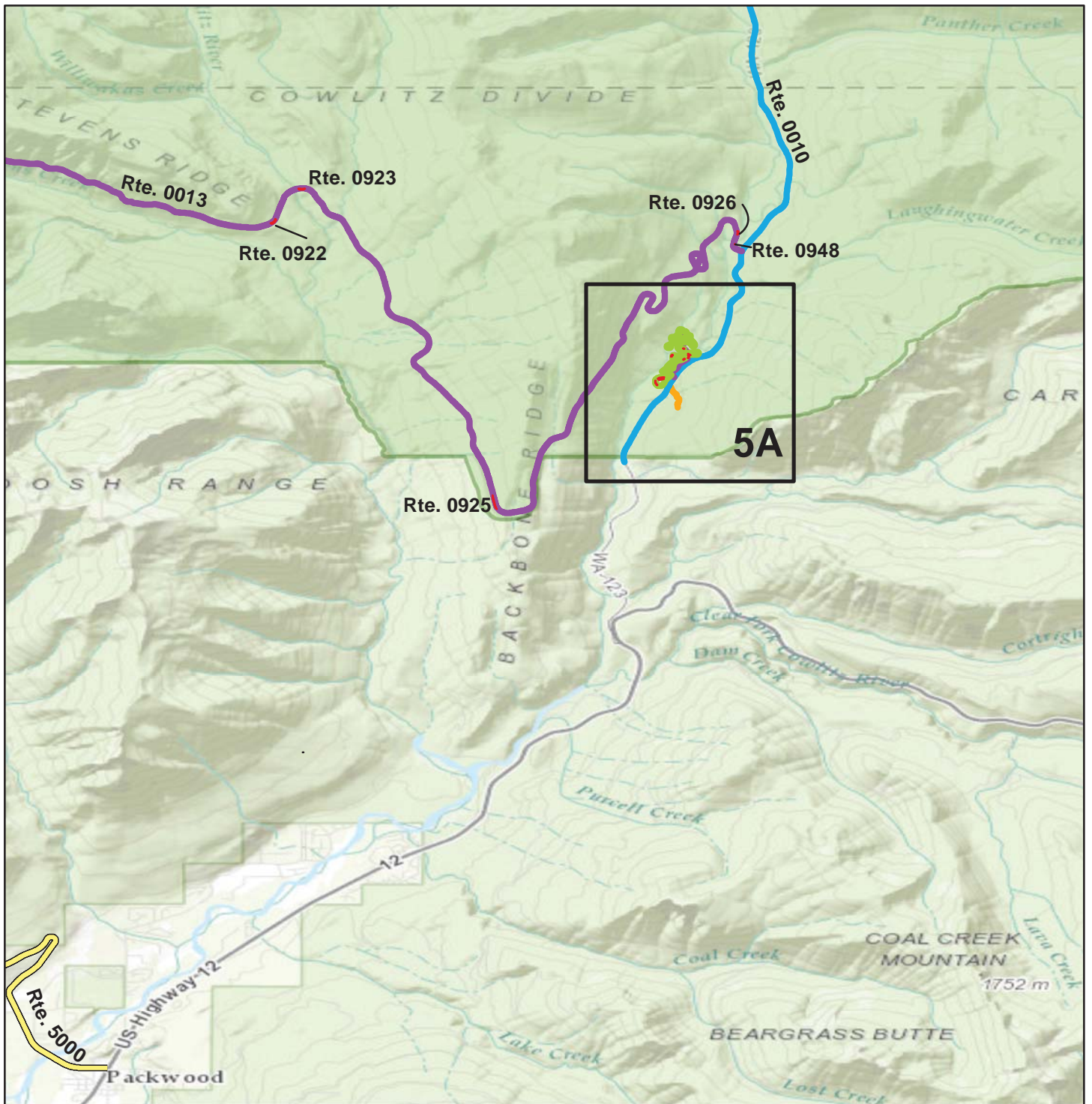
Non-NPS Collected Routes



Mount Rainier National Park

ROUTE LOCATION MAP

Area Map 5



Sources: Esri, DeLorme, NAVTEQ, TomTom, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), swisstopo, and the GIS User Community

Note: Unique colors are used to differentiate roads

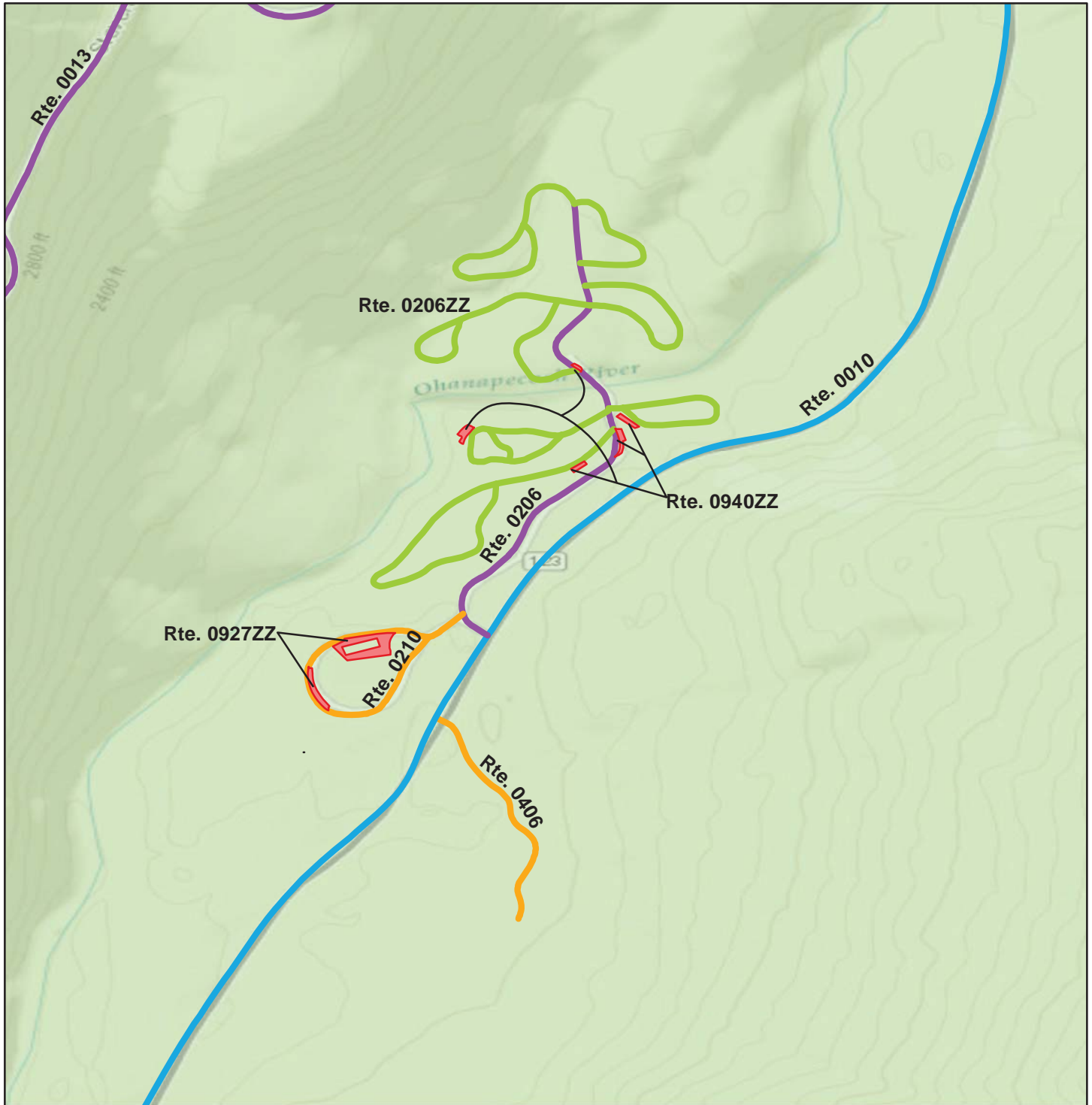
Non-NPS Collected Routes



Mount Rainier National Park

ROUTE LOCATION MAP

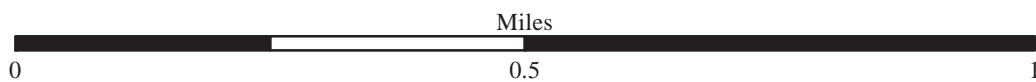
Area Map 5A



Sources: Esri, DeLorme, NAVTEQ, TomTom, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), swisstopo, and the GIS User Community

Note: Unique colors are used to differentiate roads

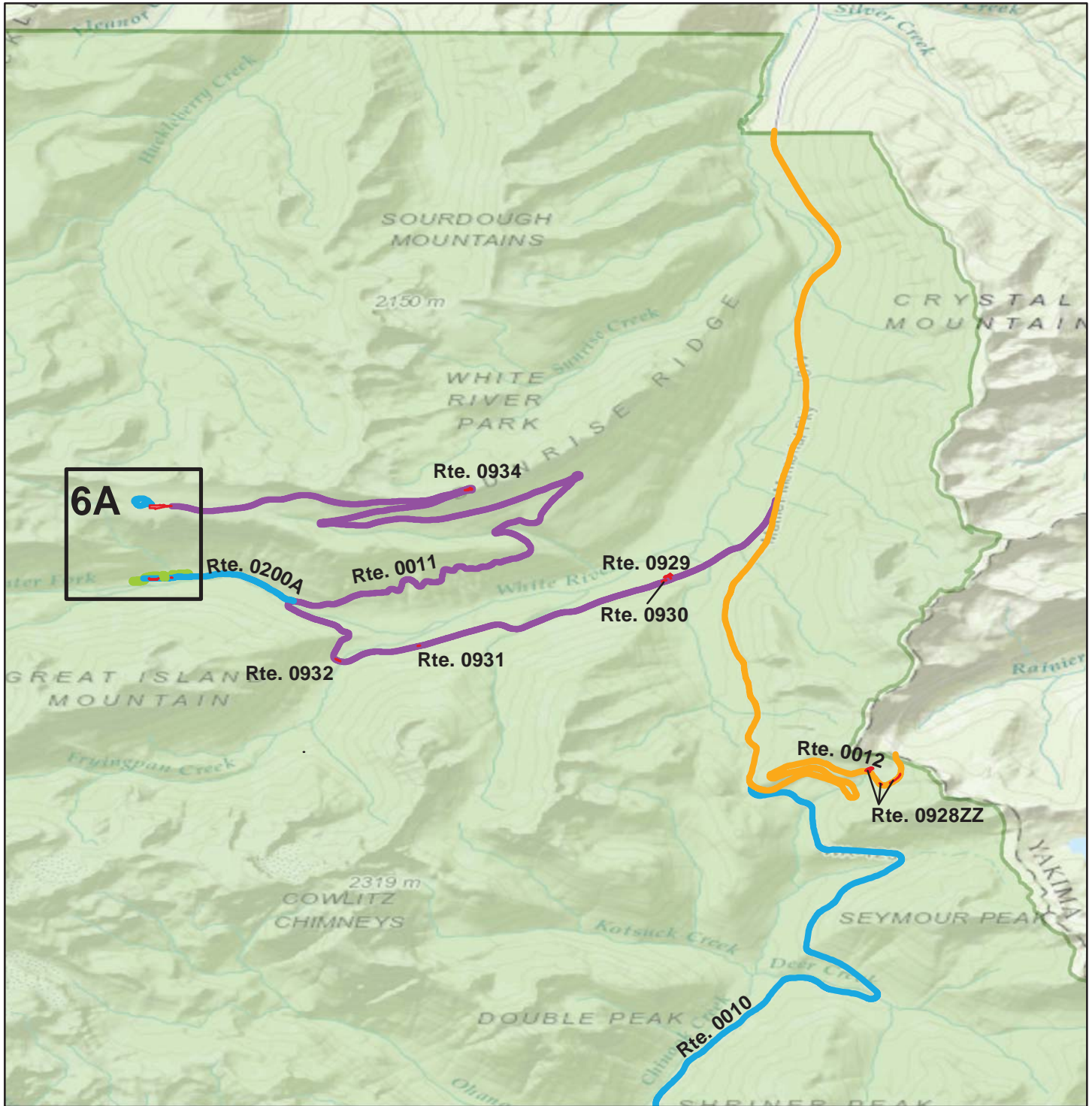
Non-NPS Collected Routes



Mount Rainier National Park

ROUTE LOCATION MAP

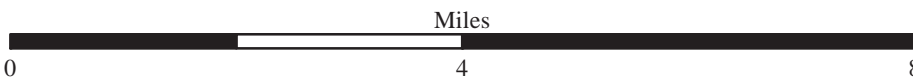
Area Map 6



Sources: Esri, DeLorme, NAVTEQ, TomTom, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), swisstopo, and the GIS User Community

Note: Unique colors are used to differentiate roads

Non-NPS Collected Routes



Mount Rainier National Park

ROUTE LOCATION MAP

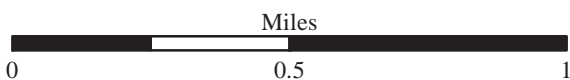
Area Map 6A



Sources: Esri, DeLorme, NAVTEQ, TomTom, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), swisstopo, and the GIS User Community

Note: Unique colors are used to differentiate roads

==== Non-NPS Collected Routes

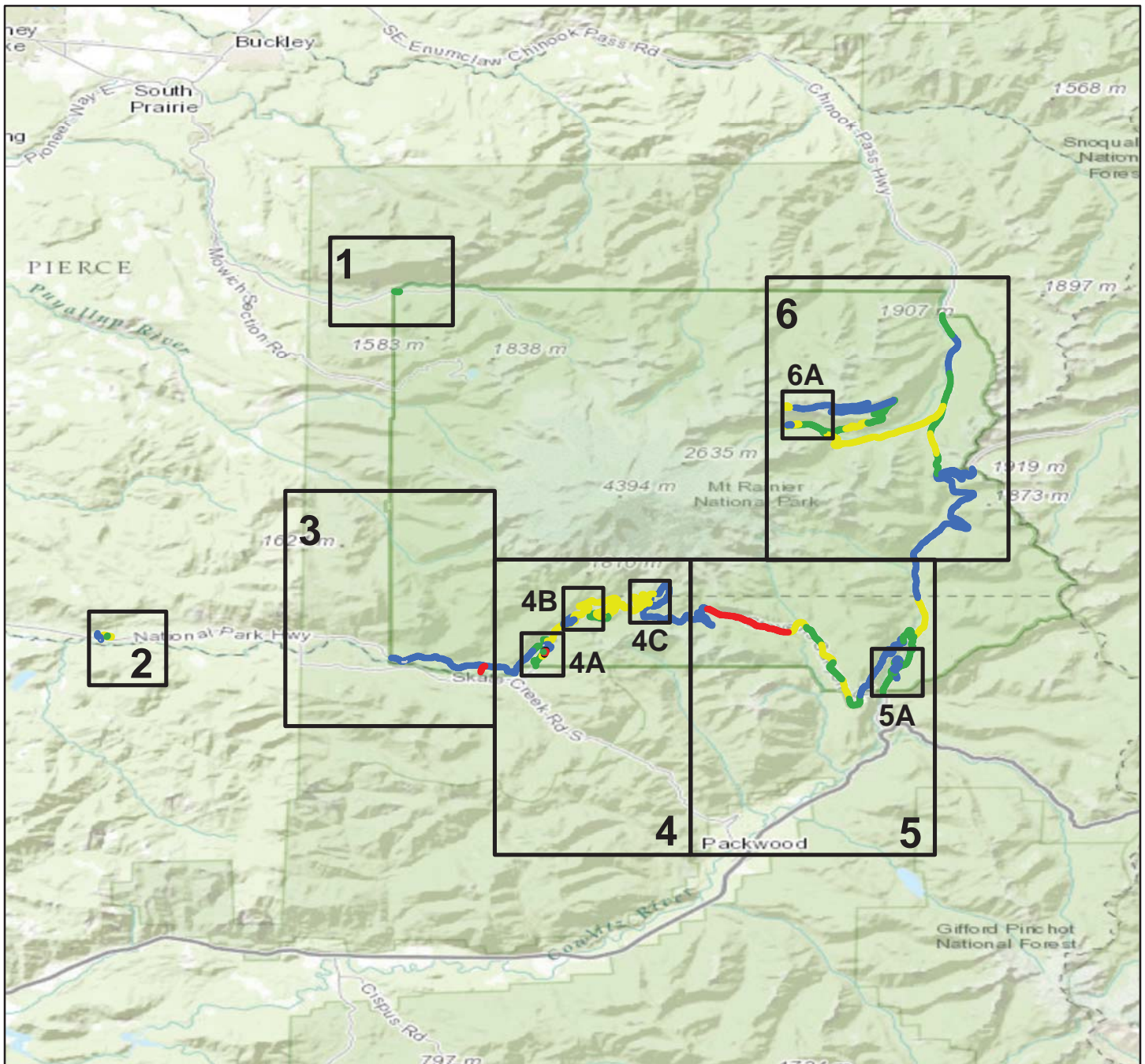


Mount Rainier National Park

ROUTE CONDITION MAP

PCR - MILE BY MILE

Key Map



Sources: Esri, DeLorme, NAVTEQ, TomTom, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), swisstopo, and the GIS User Community

Route Condition Legend – Pavement Condition Rating (PCR)



See Appendix for definitions and formulas
Only Data Collection Vehicle and Manually Rated Roads are displayed

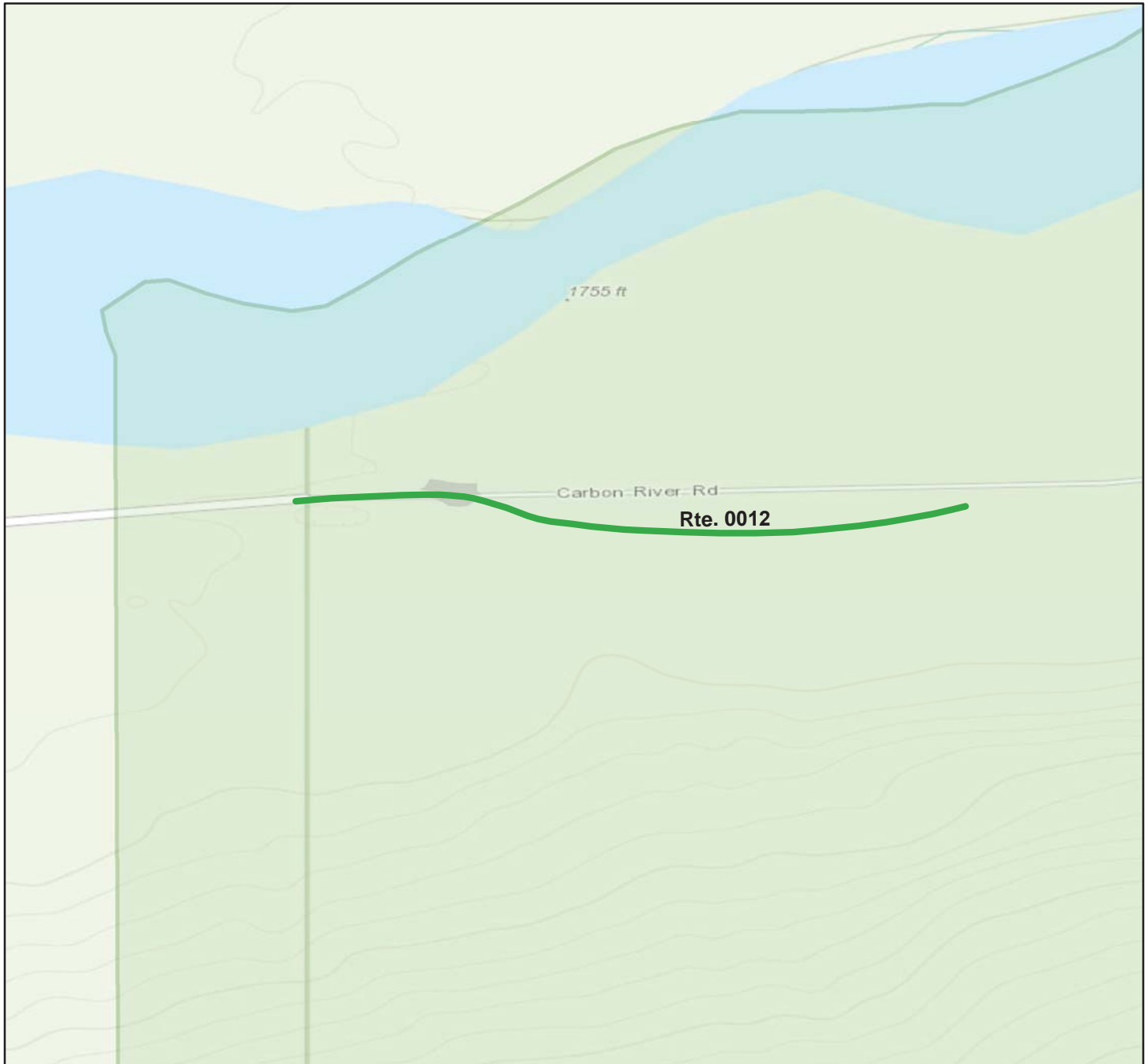


Mount Rainier National Park

ROUTE CONDITION MAP

PCR - MILE BY MILE

Area Map 1



Sources: Esri, DeLorme, NAVTEQ, TomTom, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), swisstopo, and the GIS User Community

Route Condition Legend – Pavement Condition Rating (PCR)

Poor (0 - 60)

Fair (61- 84)

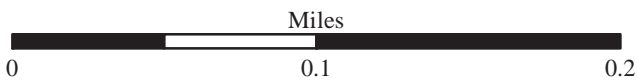
Good (85 - 94)

Excellent (95 - 100)

Not Rated

See Appendix for definitions and formulas

Only Data Collection Vehicle and Manually Rated Roads are displayed

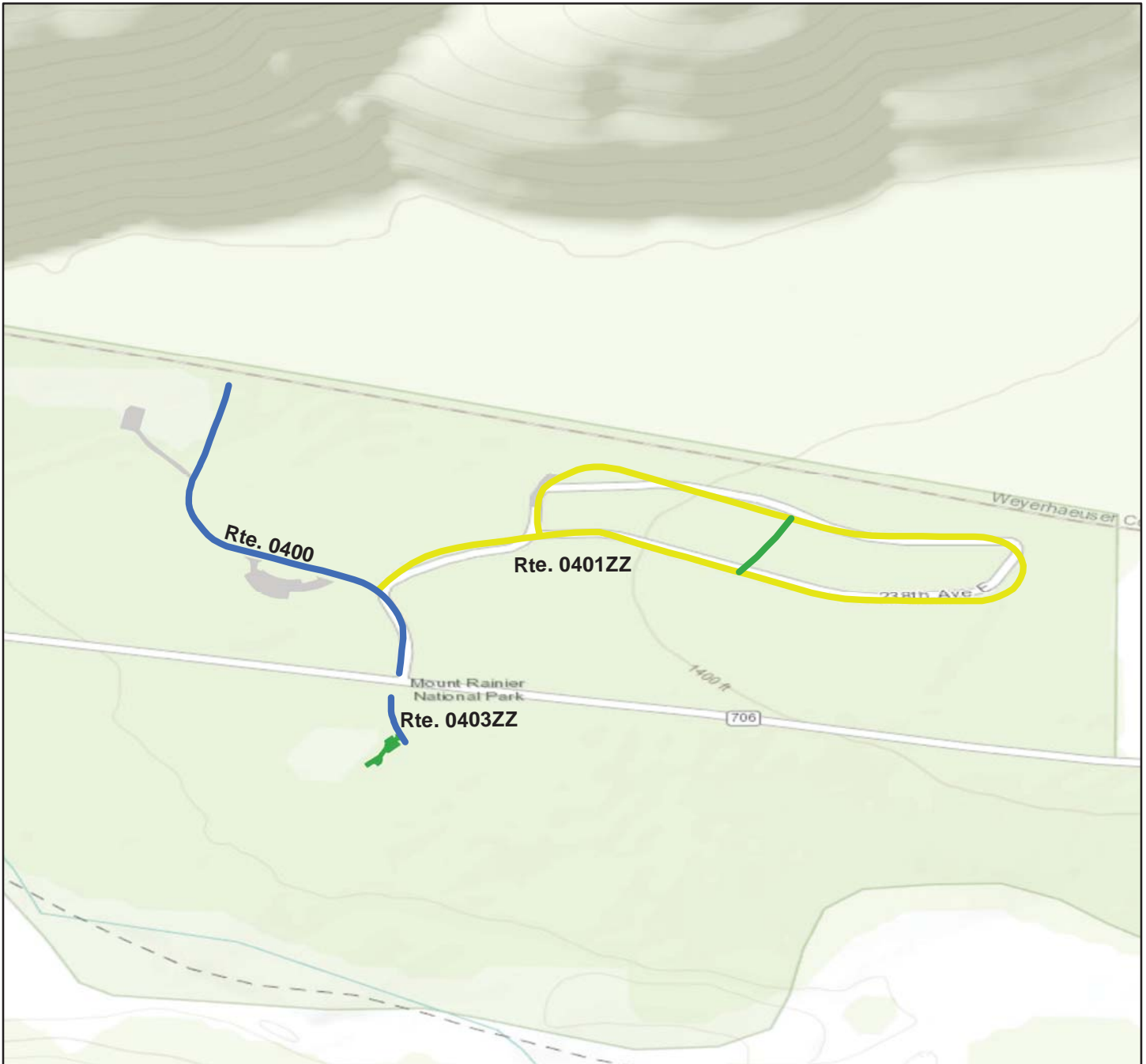


Mount Rainier National Park

ROUTE CONDITION MAP

PCR - MILE BY MILE

Area Map 2

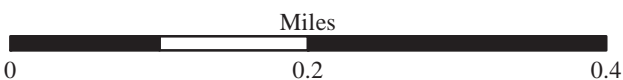


Sources: Esri, DeLorme, NAVTEQ, TomTom, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), swisstopo, and the GIS User Community

Route Condition Legend – Pavement Condition Rating (PCR)



See Appendix for definitions and formulas
Only Data Collection Vehicle and Manually Rated Roads are displayed

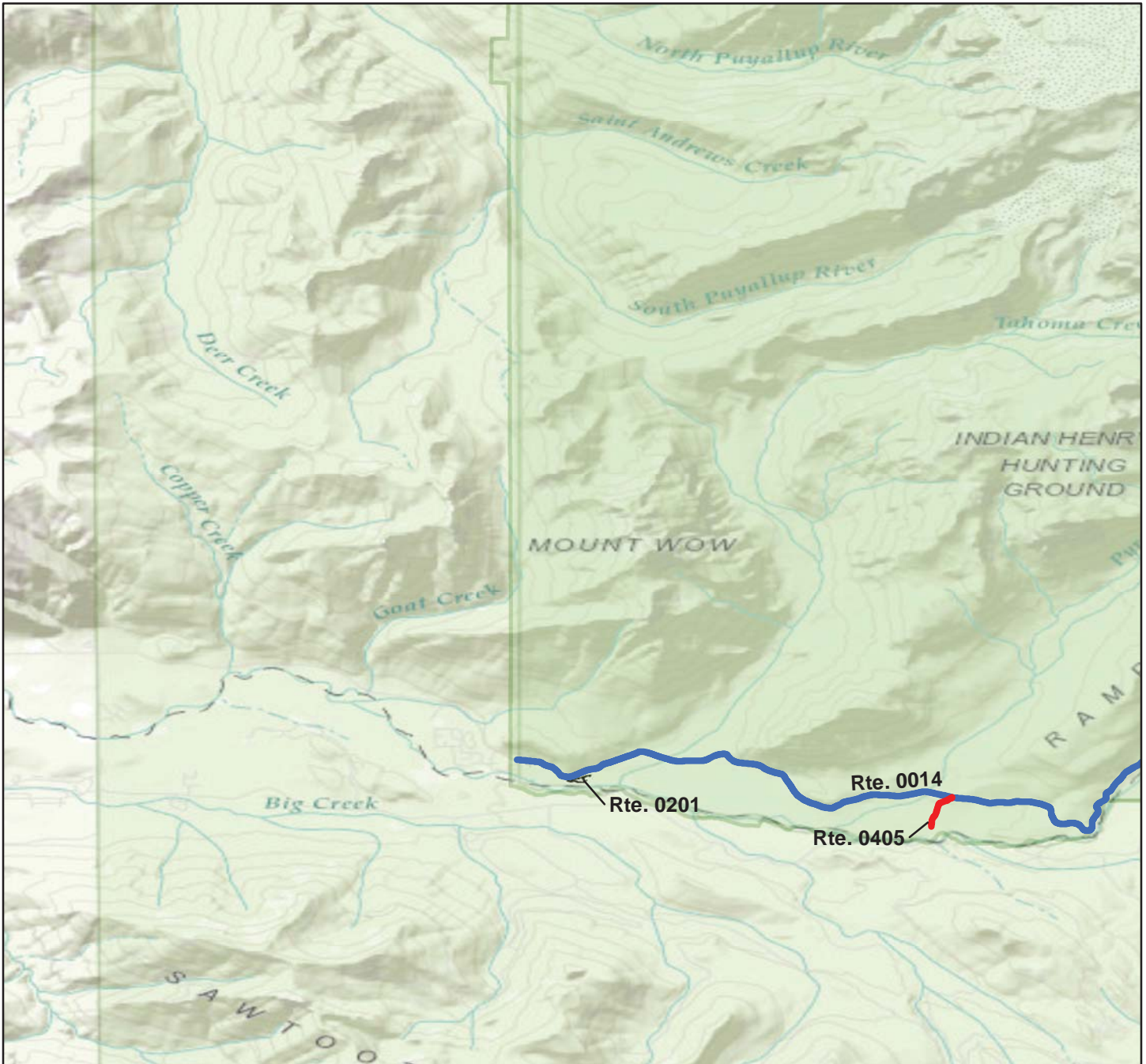


Mount Rainier National Park

ROUTE CONDITION MAP

PCR - MILE BY MILE

Area Map 3



Sources: Esri, DeLorme, NAVTEQ, TomTom, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), swisstopo, and the GIS User Community

Route Condition Legend – Pavement Condition Rating (PCR)



See Appendix for definitions and formulas
 Only Data Collection Vehicle and Manually Rated Roads are displayed

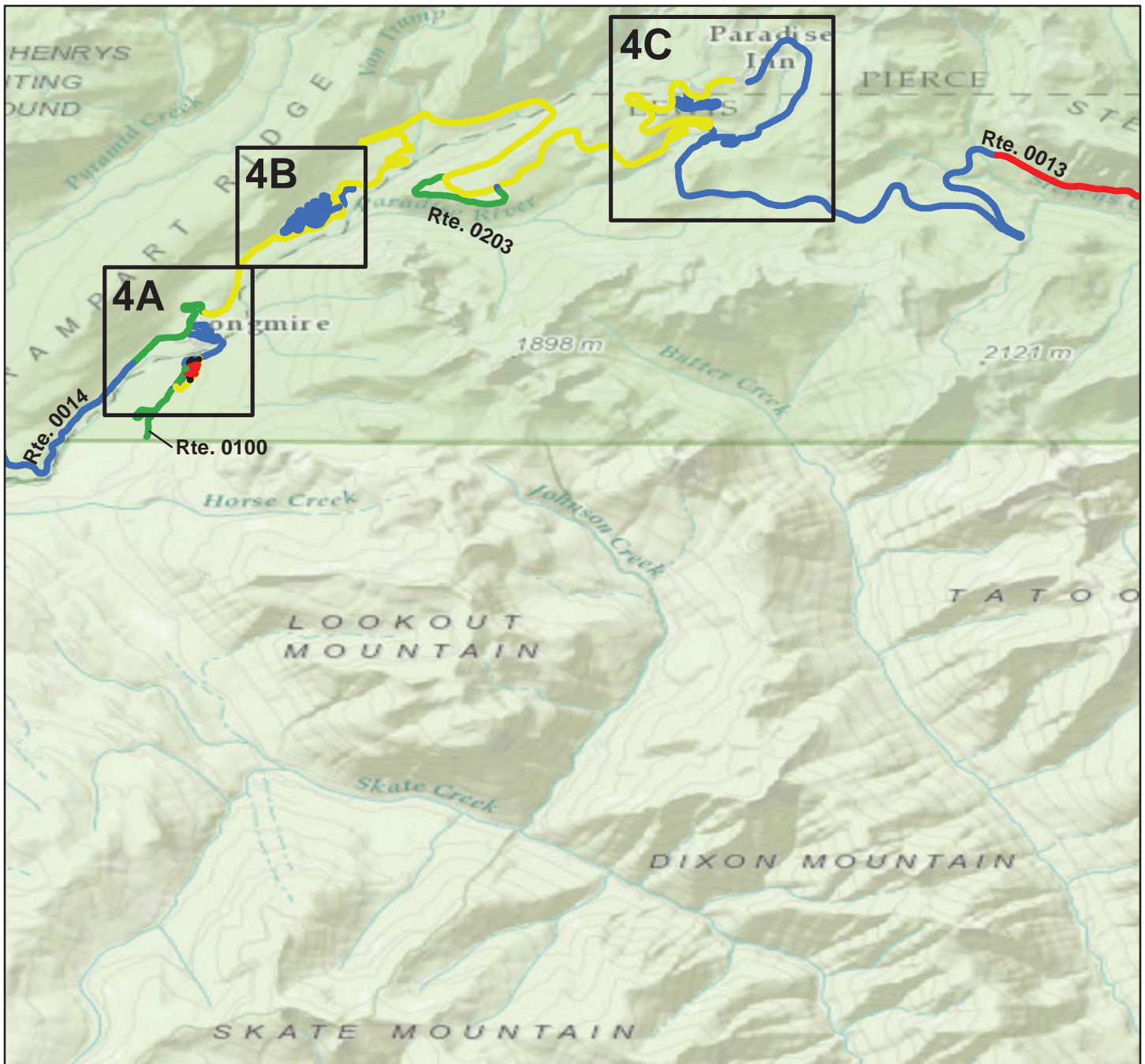


Mount Rainier National Park

ROUTE CONDITION MAP

PCR - MILE BY MILE

Area Map 4



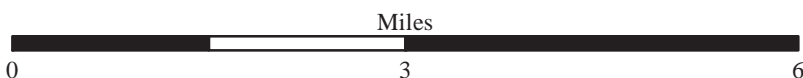
Sources: Esri, DeLorme, NAVTEQ, TomTom, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), swisstopo, and the GIS User Community

Route Condition Legend – Pavement Condition Rating (PCR)



See Appendix for definitions and formulas

Only Data Collection Vehicle and Manually Rated Roads are displayed

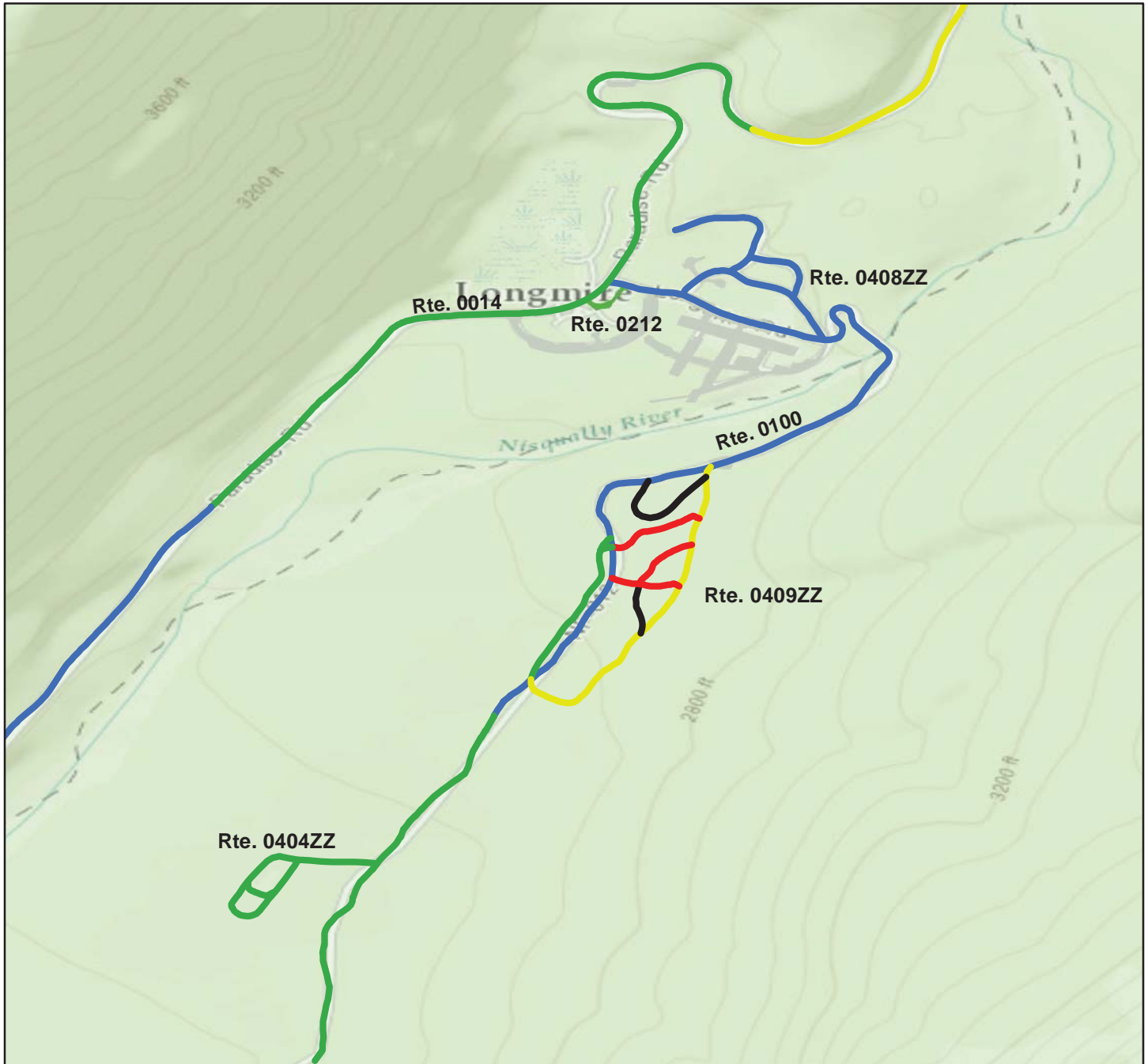


Mount Rainier National Park

ROUTE CONDITION MAP

PCR - MILE BY MILE

Area Map 4A



Sources: Esri, DeLorme, NAVTEQ, TomTom, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), swisstopo, and the GIS User Community

Route Condition Legend – Pavement Condition Rating (PCR)

Poor (0 - 60)

Fair (61- 84)

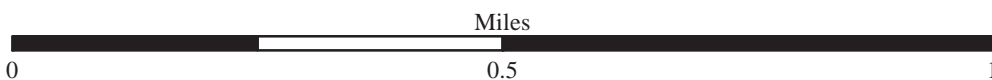
Good (85 - 94)

Excellent (95 - 100)

Not Rated

See Appendix for definitions and formulas

Only Data Collection Vehicle and Manually Rated Roads are displayed

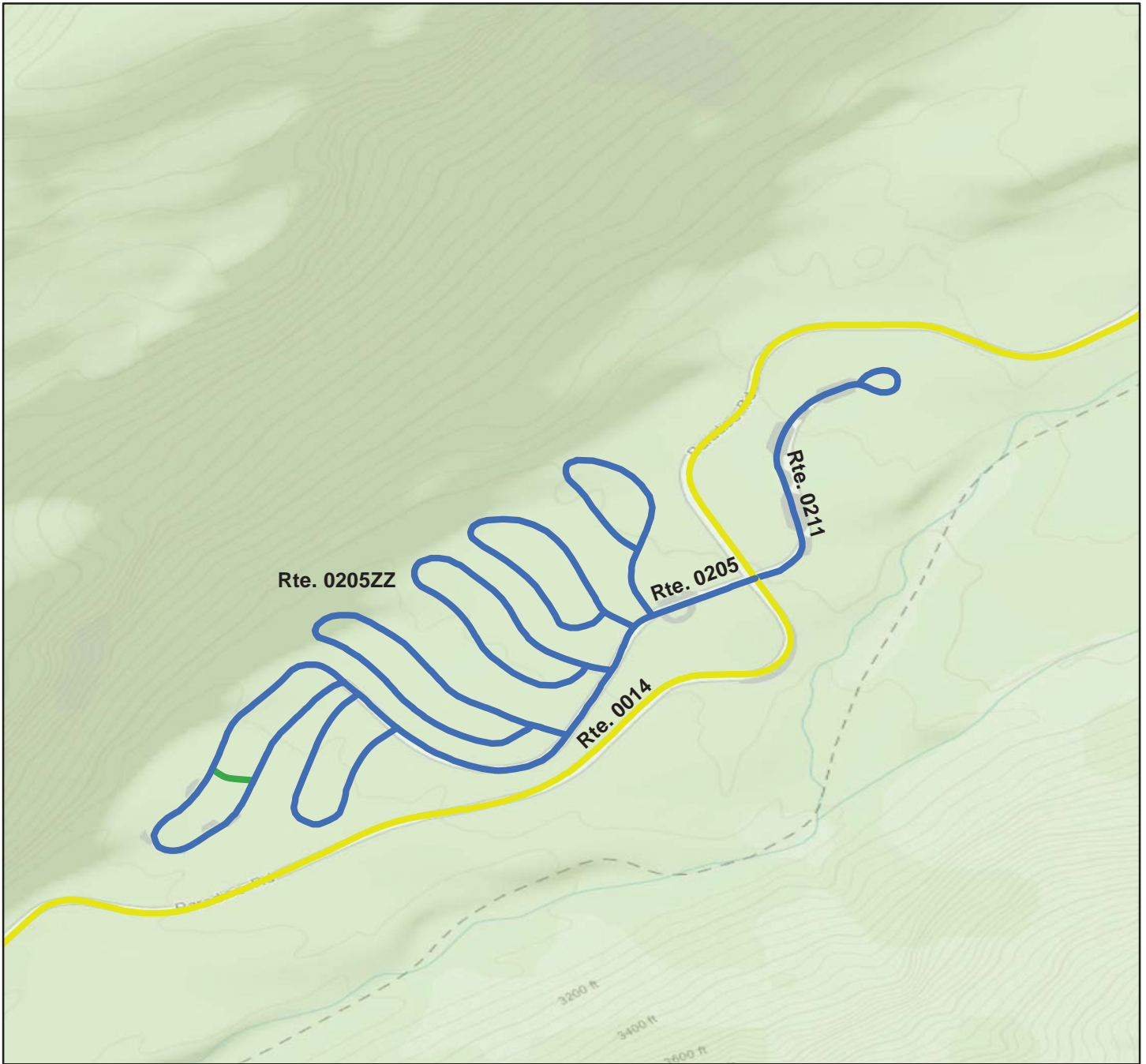


Mount Rainier National Park

ROUTE CONDITION MAP

PCR - MILE BY MILE

Area Map 4B



Sources: Esri, DeLorme, NAVTEQ, TomTom, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), swisstopo, and the GIS User Community

Route Condition Legend – Pavement Condition Rating (PCR)

Poor (0 - 60)

Fair (61- 84)

Good (85 - 94)

Excellent (95 - 100)

Not Rated

See Appendix for definitions and formulas

Only Data Collection Vehicle and Manually Rated Roads are displayed

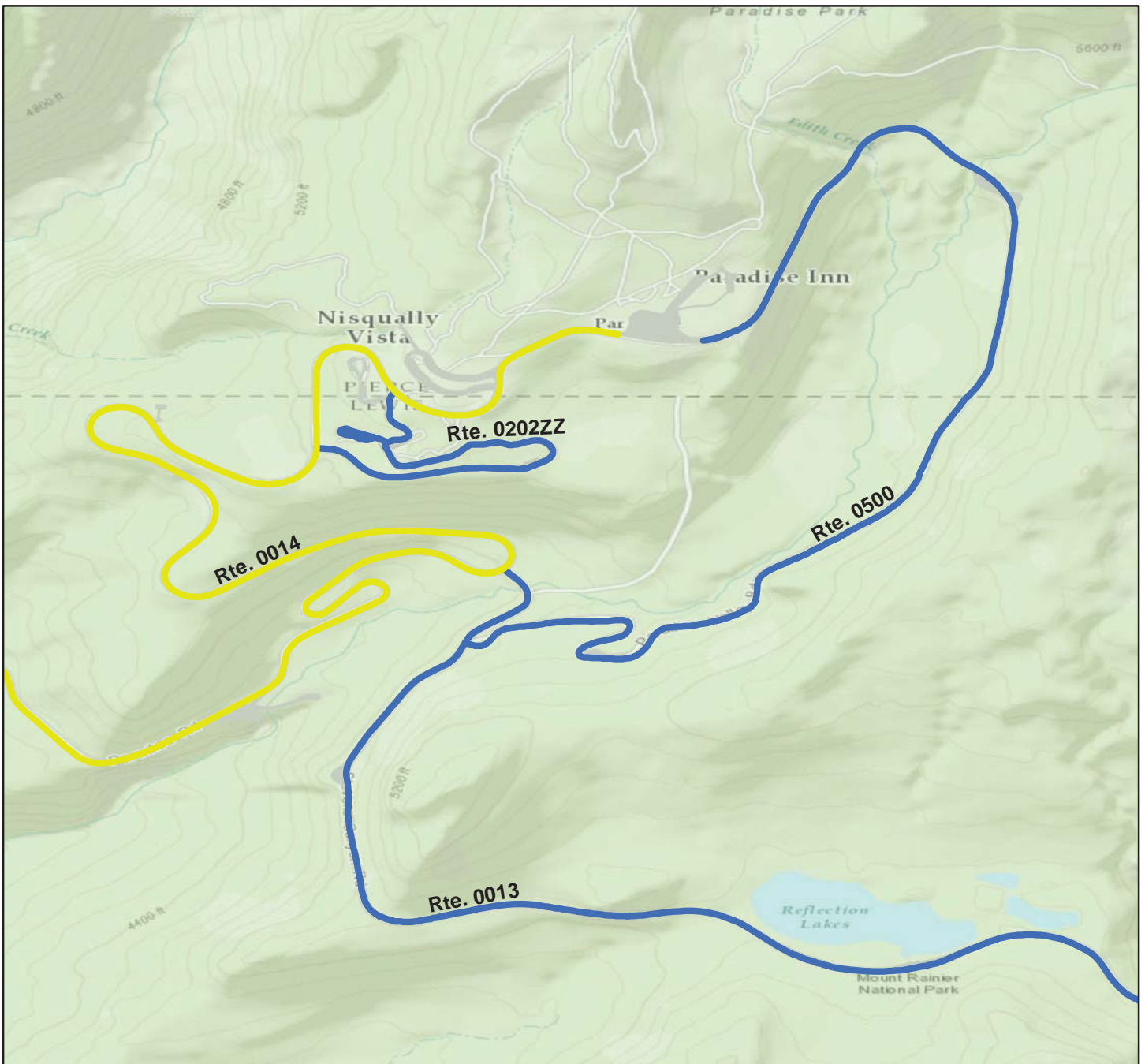


Mount Rainier National Park

ROUTE CONDITION MAP

PCR - MILE BY MILE

Area Map 4C

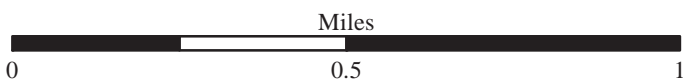


Sources: Esri, DeLorme, NAVTEQ, TomTom, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), swisstopo, and the GIS User Community

Route Condition Legend – Pavement Condition Rating (PCR)

Poor (0 - 60)	Fair (61- 84)	Good (85 - 94)	Excellent (95 - 100)	Not Rated
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See Appendix for definitions and formulas
Only Data Collection Vehicle and Manually Rated Roads are displayed

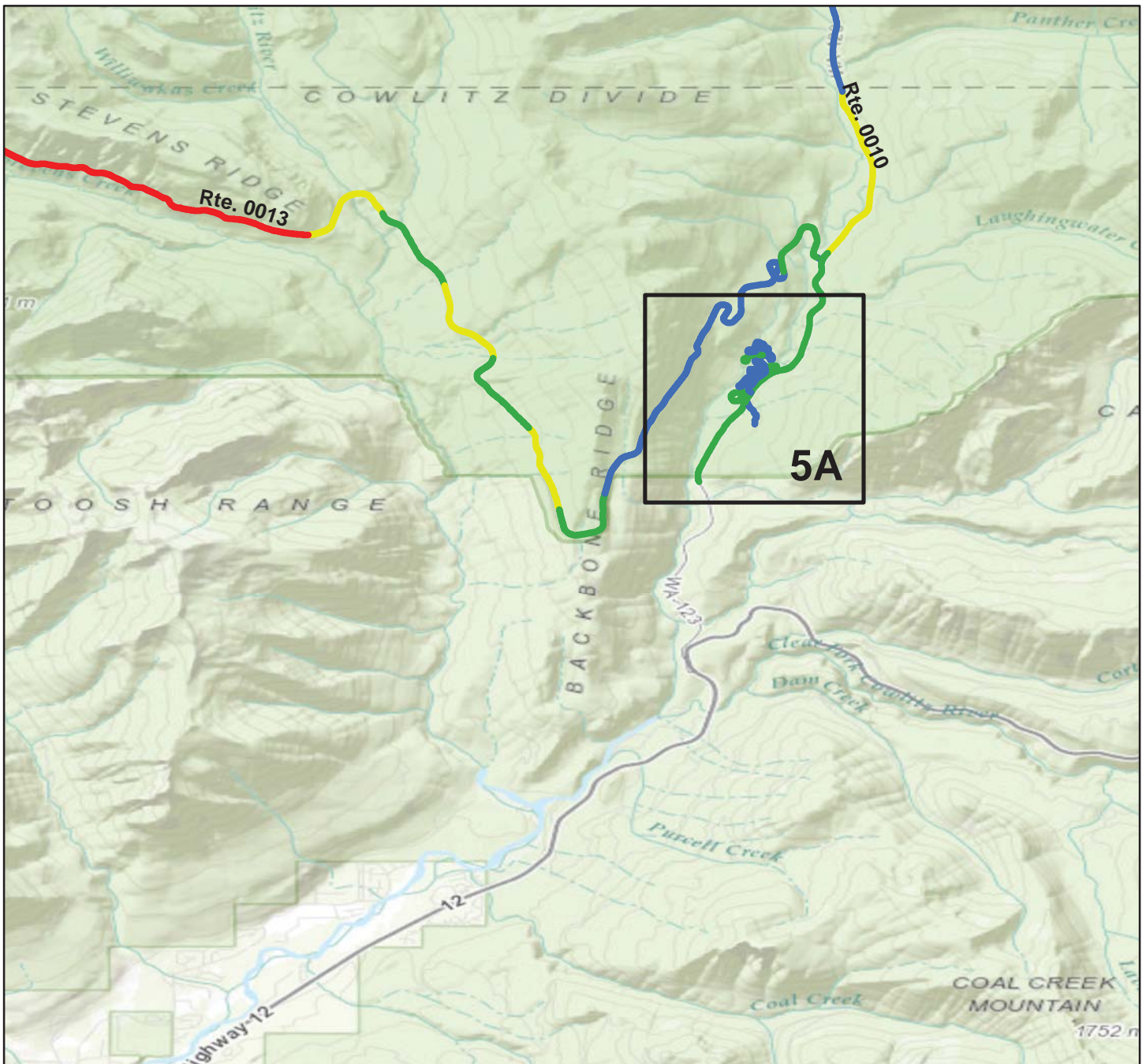


Mount Rainier National Park

ROUTE CONDITION MAP

PCR - MILE BY MILE

Area Map 5



Sources: Esri, DeLorme, NAVTEQ, TomTom, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), swisstopo, and the GIS User Community

Route Condition Legend – Pavement Condition Rating (PCR)



See Appendix for definitions and formulas
 Only Data Collection Vehicle and Manually Rated Roads are displayed

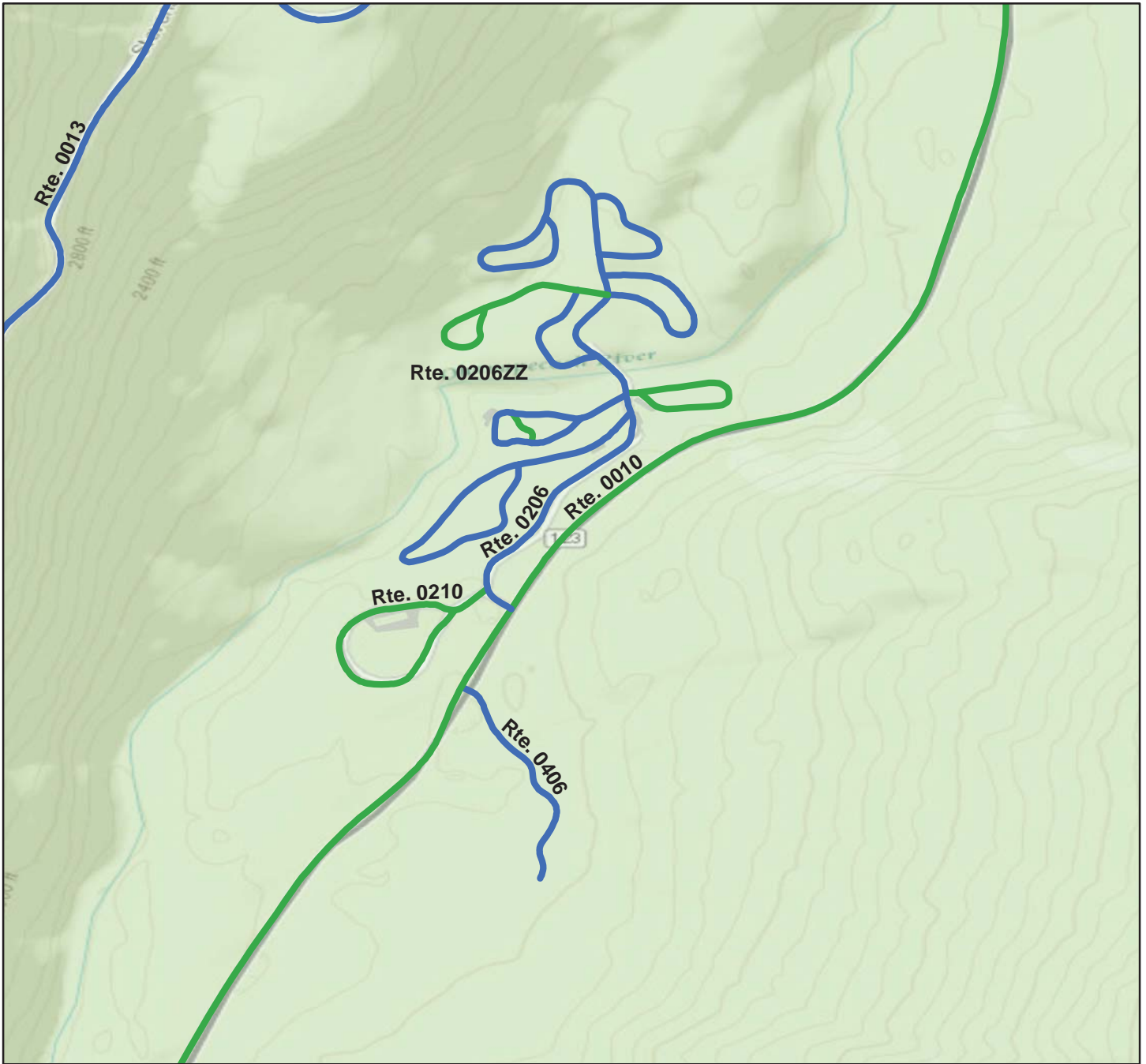


Mount Rainier National Park

ROUTE CONDITION MAP

PCR - MILE BY MILE

Area Map 5A



Sources: Esri, DeLorme, NAVTEQ, TomTom, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), swisstopo, and the GIS User Community

Route Condition Legend – Pavement Condition Rating (PCR)

Poor (0 - 60)

Fair (61- 84)

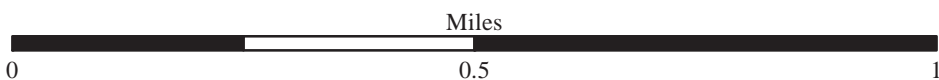
Good (85 - 94)

Excellent (95 - 100)

Not Rated

See Appendix for definitions and formulas

Only Data Collection Vehicle and Manually Rated Roads are displayed

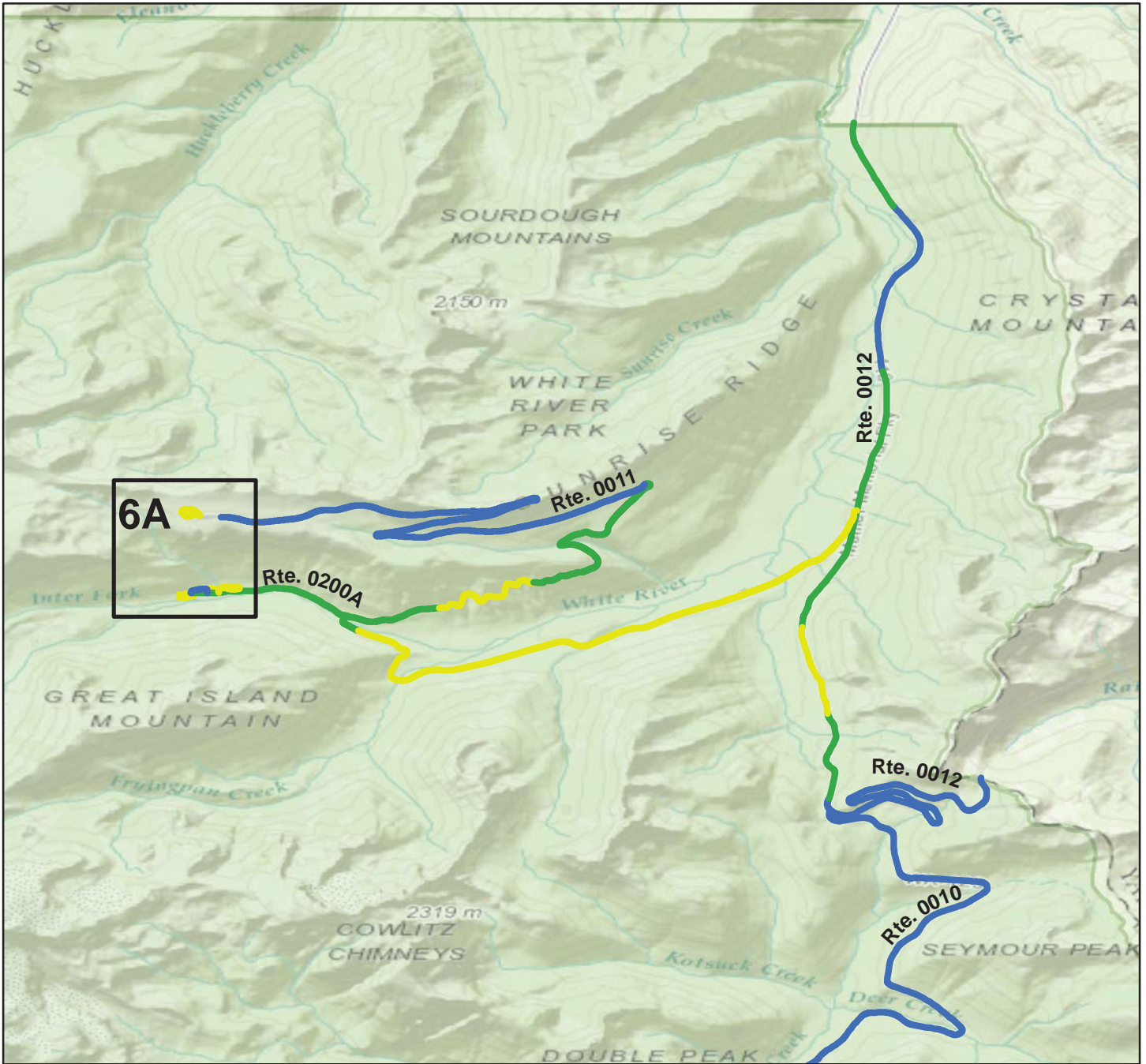


Mount Rainier National Park

ROUTE CONDITION MAP

PCR - MILE BY MILE

Area Map 6



Sources: Esri, DeLorme, NAVTEQ, TomTom, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), swisstopo, and the GIS User Community

Route Condition Legend – Pavement Condition Rating (PCR)

Poor (0 - 60)	Fair (61- 84)	Good (85 - 94)	Excellent (95 - 100)	Not Rated
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See Appendix for definitions and formulas
 Only Data Collection Vehicle and Manually Rated Roads are displayed



Mount Rainier National Park

ROUTE CONDITION MAP

PCR - MILE BY MILE

Area Map 6A

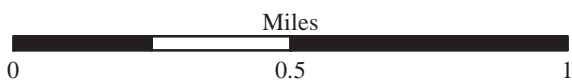


Sources: Esri, DeLorme, NAVTEQ, TomTom, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), swisstopo, and the GIS User Community

Route Condition Legend – Pavement Condition Rating (PCR)

Poor (0 - 60)	Fair (61- 84)	Good (85 - 94)	Excellent (95 - 100)	Not Rated
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See Appendix for definitions and formulas
Only Data Collection Vehicle and Manually Rated Roads are displayed



Section 5 Paved Road Condition Rating Sheets



Mount Rainier National Park

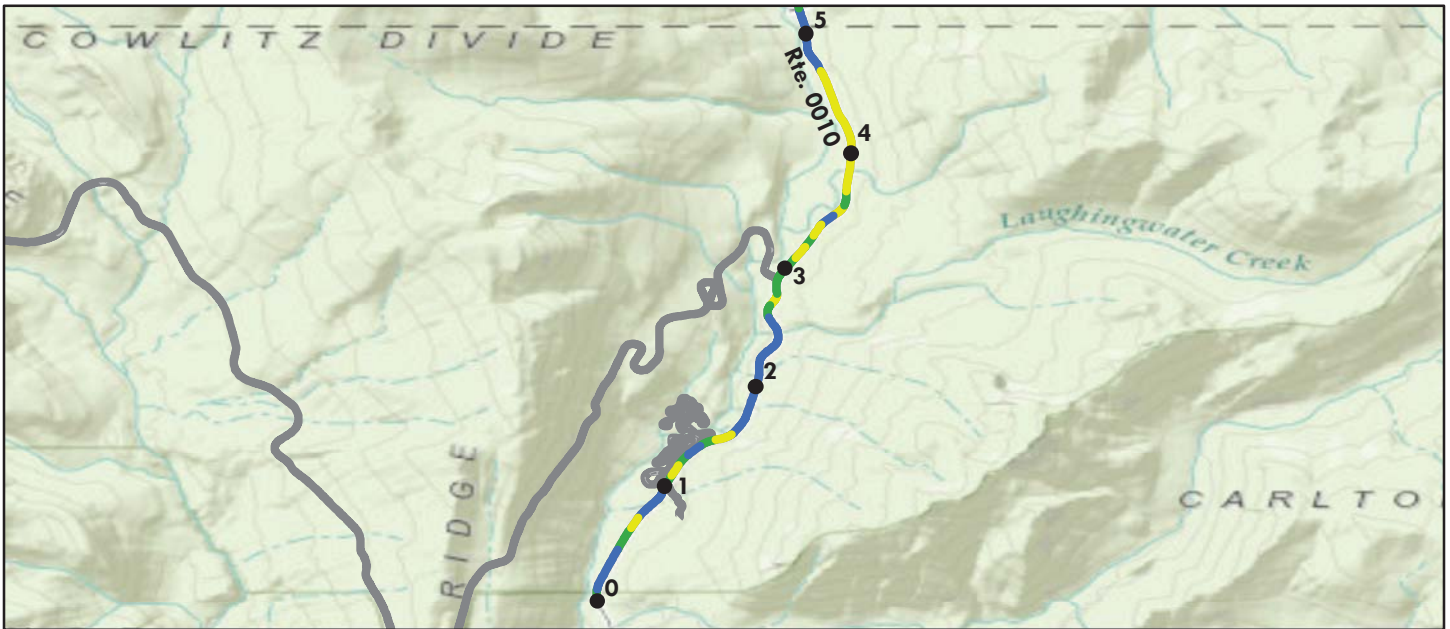


Federal Lands Highway
Road Inventory Program

Mount Rainier National Park

ROUTE 0010: STATE ROUTE 123 (EAST SIDE HIGHWAY)

Data Collection Vehicle (DCV) Rating



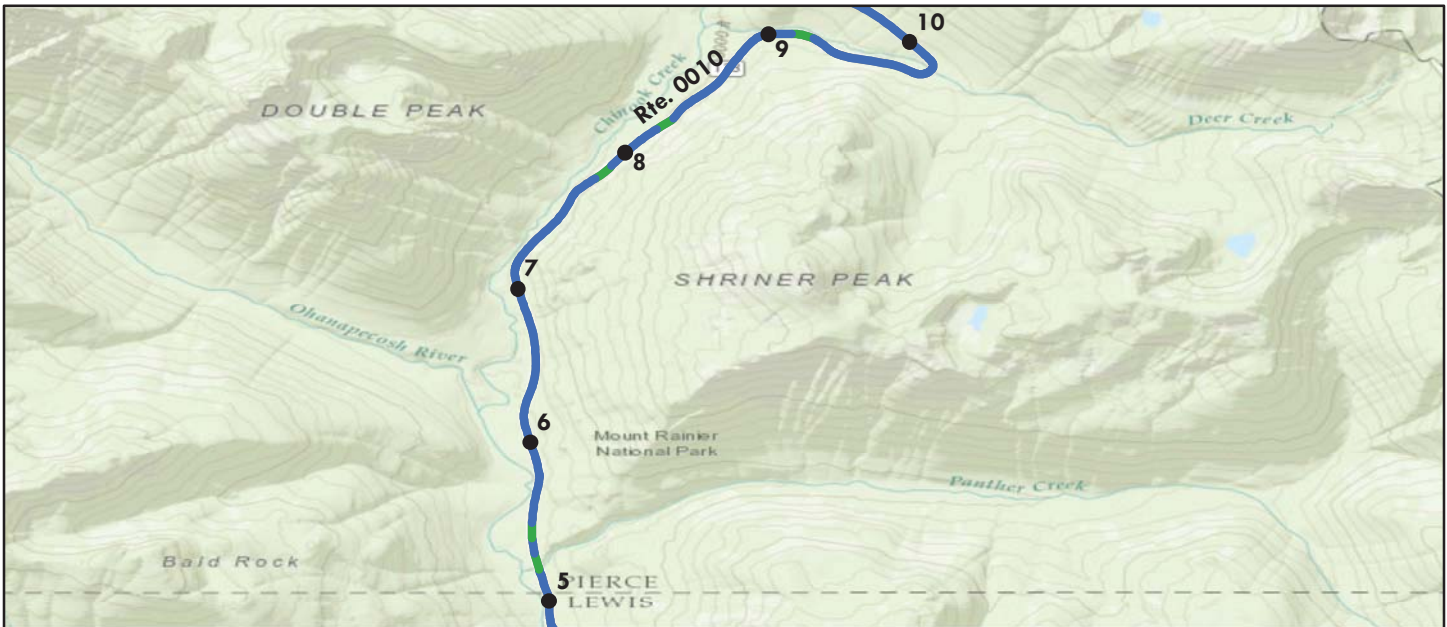
Sources: Esri, DeLorme, NAVTEQ, TomTom, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), swisstopo, and the GIS User Community

Route Condition Legend – Pavement Condition Rating (PCR)						
Poor (0 - 60)	Fair (61- 84)	Good (85 - 94)	Excellent (95 - 100)	Not Rated		
See Appendix for definitions and formulas						
Inspection Date: 8/8/2015	Beginning Section MP	0	1	2	3	4
Paved Length (Miles): 13.86	Section Length (MI)	1	1	1	1	1
Surface Type: ASPHALT	Route Summary					
Roadway Condition Information						
Pavement Condition Rating (PCR)	96	94	93	94	81	80
Surface Condition Rating (SCR)	99	99	99	99	94	96
Roughness Condition Index (RCI)	92	86	85	87	62	55
Distress Index Values						
Structural Crack Index	100	100	99	100	99	99
Alligator Crack Index	100	100	100	100	100	100
Longitudinal Crack Index	100	100	99	100	99	99
Transverse Cracking Index	100	100	100	100	100	100
Patching Index	100	100	100	100	99	100
Rutting Index	99	99	99	99	94	96
International Roughness Index (IRI)	135	152	155	150	230	260
Lane & Width Information						
Number of Lanes	2	2	2	2	2	2
Paved Width (ft)	20	20.3	18.2	21.2	19.8	20.2
Lane Width (ft)	8.8	9	9.1	9	8.9	8.7

Mount Rainier National Park

ROUTE 0010: STATE ROUTE 123 (EAST SIDE HIGHWAY)

Data Collection Vehicle (DCV) Rating



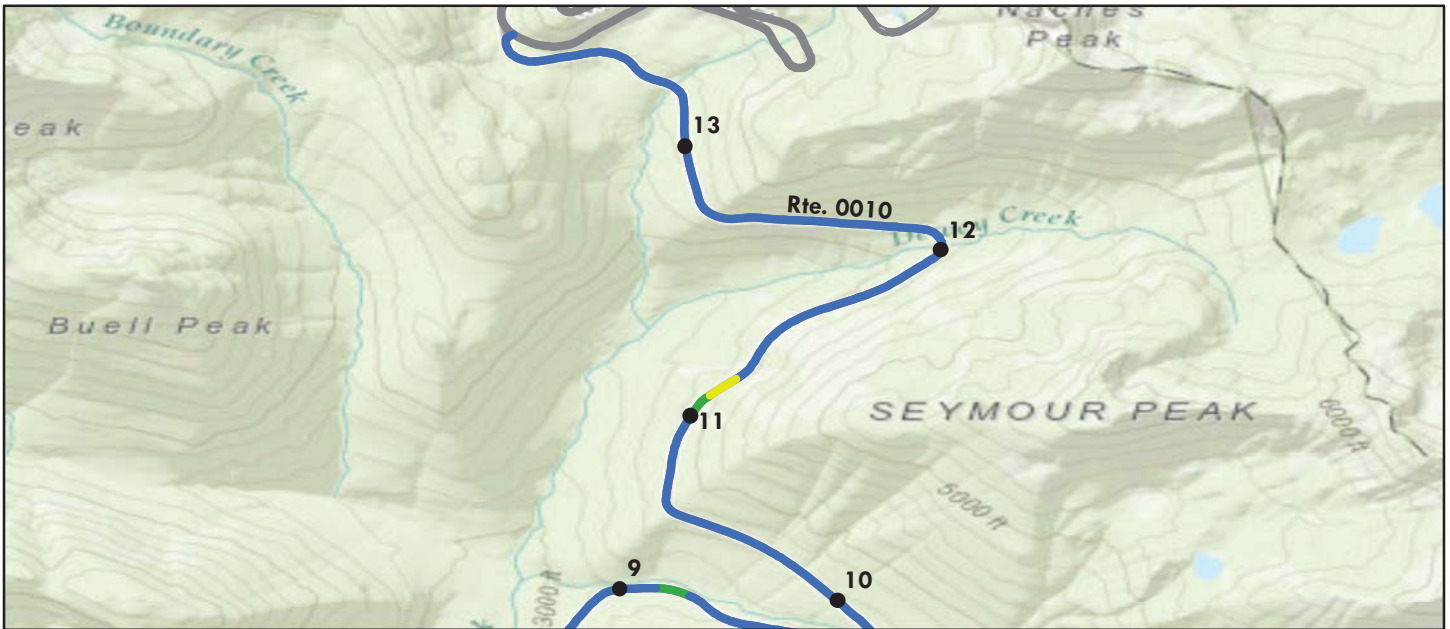
Sources: Esri, DeLorme, NAVTEQ, TomTom, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), swisstopo, and the GIS User Community

Route Condition Legend – Pavement Condition Rating (PCR)						
Poor (0 - 60)	Fair (61- 84)	Good (85 - 94)	Excellent (95 - 100)	Not Rated		
See Appendix for definitions and formulas						
Inspection Date: 8/8/2015	Beginning Section MP	5	6	7	8	9
Paved Length (Miles): 13.86	Section Length (MI)	1	1	1	1	1
Surface Type: ASPHALT	Route Summary					
Roadway Condition Information						
Pavement Condition Rating (PCR)	96	100	100	100	100	99
Surface Condition Rating (SCR)	99	100	100	100	100	99
Roughness Condition Index (RCI)	92	99	100	99	100	99
Distress Index Values						
Structural Crack Index	100	100	100	100	100	100
Alligator Crack Index	100	100	100	100	100	100
Longitudinal Crack Index	100	100	100	100	100	100
Transverse Cracking Index	100	100	100	100	100	100
Patching Index	100	100	100	100	100	100
Rutting Index	99	100	100	100	100	99
International Roughness Index (IRI)	135	118	99	117	89	118
Lane & Width Information						
Number of Lanes	2	2	2	2	2	2
Paved Width (ft)	20	20	20.5	20.6	19.8	20
Lane Width (ft)	8.8	8.5	8.9	8.3	8.6	8.8

Mount Rainier National Park

ROUTE 0010: STATE ROUTE 123 (EAST SIDE HIGHWAY)

Data Collection Vehicle (DCV) Rating



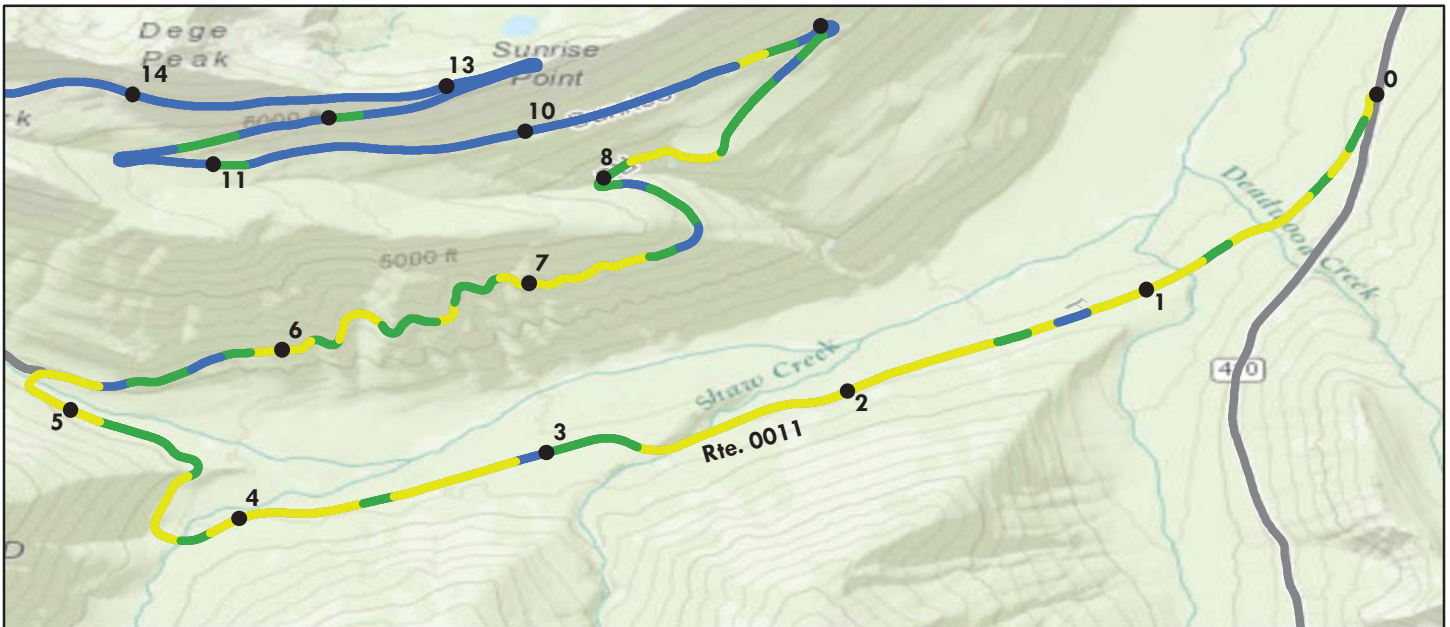
Sources: Esri, DeLorme, NAVTEQ, TomTom, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), swisstopo, and the GIS User Community

Route Condition Legend – Pavement Condition Rating (PCR)						
Poor (0 - 60)	Fair (61- 84)	Good (85 - 94)	Excellent (95 - 100)	Not Rated		
See Appendix for definitions and formulas						
Inspection Date: 8/8/2015	Beginning Section MP	10	11	12	13	
Paved Length (Miles): 13.86	Section Length (MI)	1	1	1	0.86	
Surface Type: ASPHALT	Route Summary					
Roadway Condition Information						
Pavement Condition Rating (PCR)	96	100	100	100	99	
Surface Condition Rating (SCR)	99	100	100	100	99	
Roughness Condition Index (RCI)	92	100	100	100	100	
Distress Index Values						
Structural Crack Index	100	100	100	100	100	
Alligator Crack Index	100	100	100	100	100	
Longitudinal Crack Index	100	100	100	100	100	
Transverse Cracking Index	100	100	100	100	100	
Patching Index	100	100	100	100	100	
Rutting Index	99	100	100	100	99	
International Roughness Index (IRI)	135	91	106	90	113	
Lane & Width Information						
Number of Lanes	2	2	2	2	2	
Paved Width (ft)	20	19.6	19.4	20.4	20.5	
Lane Width (ft)	8.8	8.8	8.7	8.9	8.8	

Mount Rainier National Park

ROUTE 0011: SUNRISE ROAD

Data Collection Vehicle (DCV) Rating



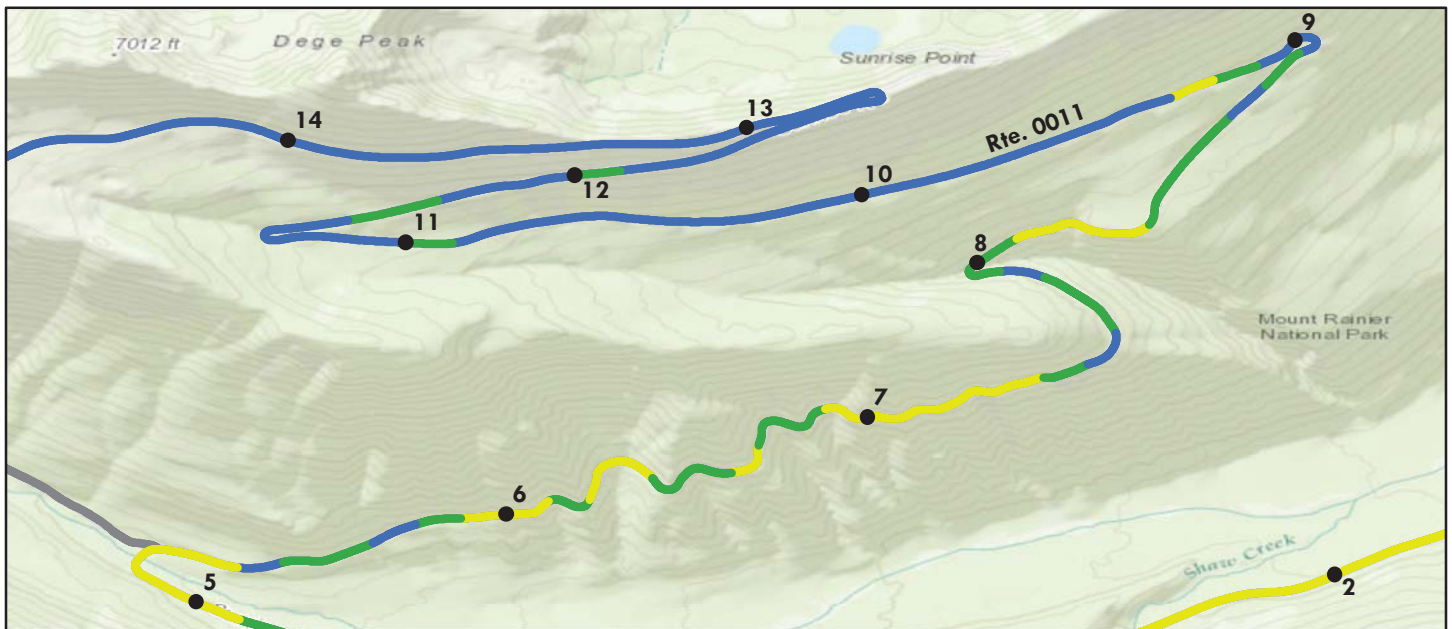
Sources: Esri, DeLorme, NAVTEQ, TomTom, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), swisstopo, and the GIS User Community

Route Condition Legend – Pavement Condition Rating (PCR)						
Poor (0 - 60)	Fair (61- 84)	Good (85 - 94)	Excellent (95 - 100)	Not Rated		
See Appendix for definitions and formulas						
Inspection Date: 8/8/2015	Beginning Section MP	0	1	2	3	4
Paved Length (Miles): 15.38	Section Length (MI)	1	1	1	1	1
Surface Type: ASPHALT	Route Summary					
Roadway Condition Information						
Pavement Condition Rating (PCR)	90	79	81	81	80	83
Surface Condition Rating (SCR)	99	99	99	99	98	98
Roughness Condition Index (RCI)	76	48	55	55	54	61
Distress Index Values						
Structural Crack Index	100	100	100	100	100	100
Alligator Crack Index	100	100	100	100	100	100
Longitudinal Crack Index	100	100	100	100	100	100
Transverse Cracking Index	100	100	100	100	100	100
Patching Index	100	100	100	100	100	100
Rutting Index	99	99	99	99	98	98
International Roughness Index (IRI)	181	292	263	261	266	234
Lane & Width Information						
Number of Lanes	2	2	2	2	2	2
Paved Width (ft)	20.7	21.4	21.1	20.4	20.8	20.1
Lane Width (ft)	9.8	10.1	9.8	9.8	9.7	9.7

Mount Rainier National Park

ROUTE 0011: SUNRISE ROAD

Data Collection Vehicle (DCV) Rating



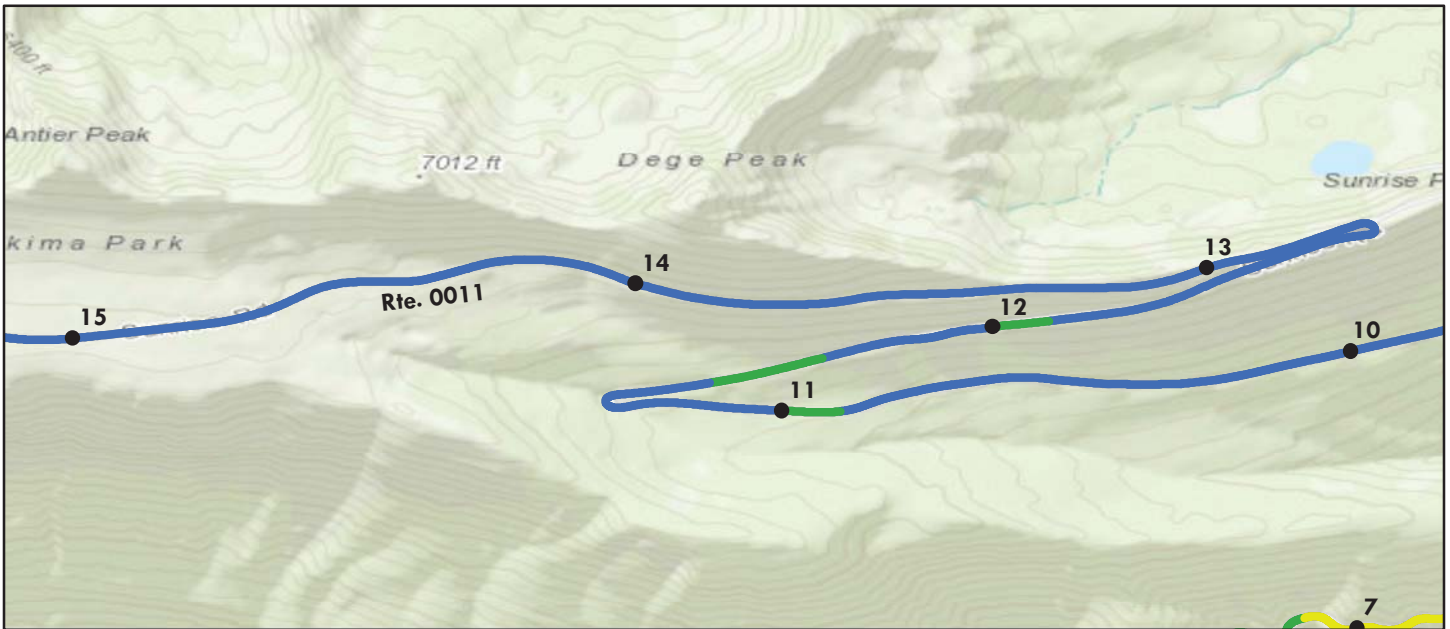
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Route Condition Legend – Pavement Condition Rating (PCR)						
Poor (0 - 60)	Fair (61- 84)	Good (85 - 94)	Excellent (95 - 100)	Not Rated		
See Appendix for definitions and formulas						
Inspection Date: 8/8/2015	Beginning Section MP	5	6	7	8	9
Paved Length (Miles): 15.38	Section Length (MI)	1	1	1	1	1
Surface Type: ASPHALT	Route Summary					
Roadway Condition Information						
Pavement Condition Rating (PCR)	90	85	84	86	88	99
Surface Condition Rating (SCR)	99	99	97	97	98	98
Roughness Condition Index (RCI)	76	65	64	70	72	100
Distress Index Values						
Structural Crack Index	100	100	100	100	100	100
Alligator Crack Index	100	100	100	100	100	100
Longitudinal Crack Index	100	100	100	100	100	100
Transverse Cracking Index	100	100	100	100	100	100
Patching Index	100	100	100	100	100	100
Rutting Index	99	99	97	97	98	98
International Roughness Index (IRI)	181	220	225	200	196	102
Lane & Width Information						
Number of Lanes	2	2	2	2	2	2
Paved Width (ft)	20.7	19.7	21.3	21.8	20.8	20.1
Lane Width (ft)	9.8	9.7	9.9	9.8	9.8	10

Mount Rainier National Park

ROUTE 0011: SUNRISE ROAD

Data Collection Vehicle (DCV) Rating



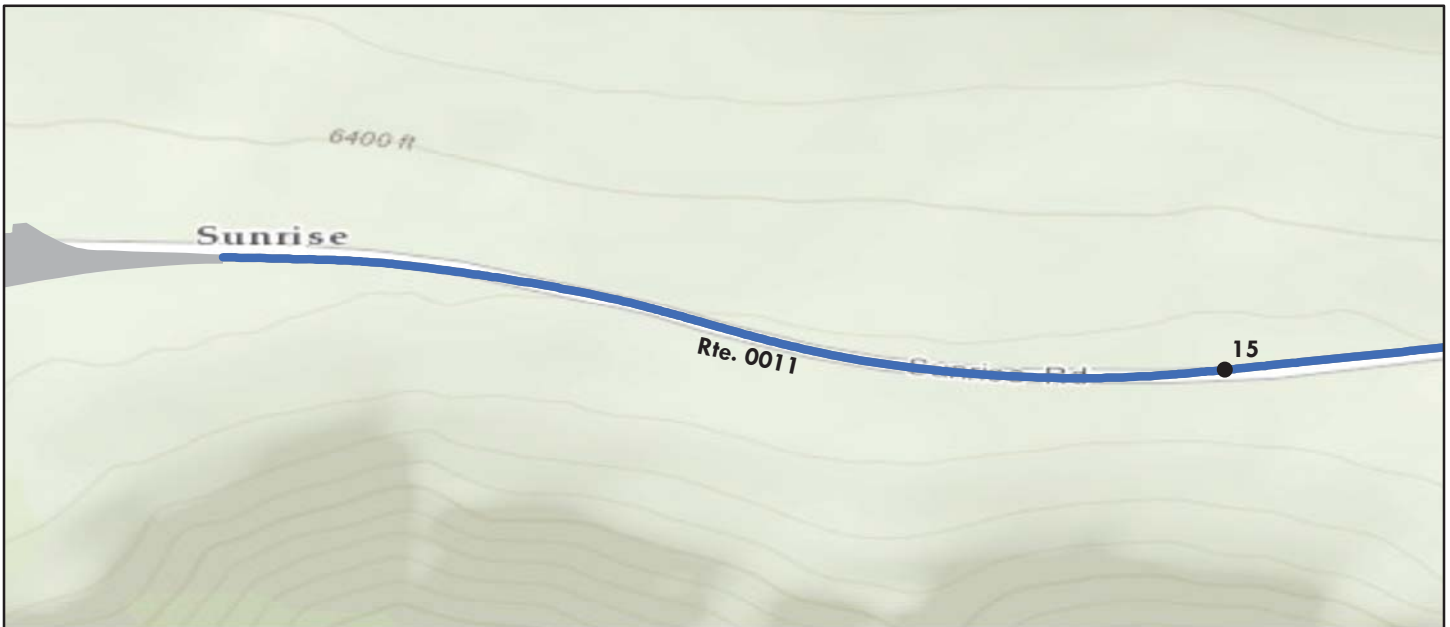
Sources: Esri, DeLorme, NAVTEQ, TomTom, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), swisstopo, and the GIS User Community

Route Condition Legend – Pavement Condition Rating (PCR)						
Poor (0 - 60)	Fair (61- 84)	Good (85 - 94)	Excellent (95 - 100)	Not Rated		
See Appendix for definitions and formulas						
Inspection Date: 8/8/2015	Beginning Section MP	10	11	12	13	14
Paved Length (Miles): 15.38	Section Length (MI)	1	1	1	1	1
Surface Type: ASPHALT	Route Summary					
Roadway Condition Information						
Pavement Condition Rating (PCR)	90	99	98	99	100	100
Surface Condition Rating (SCR)	99	99	98	99	100	100
Roughness Condition Index (RCI)	76	100	99	100	100	100
Distress Index Values						
Structural Crack Index	100	100	100	100	100	100
Alligator Crack Index	100	100	100	100	100	100
Longitudinal Crack Index	100	100	100	100	100	100
Transverse Cracking Index	100	100	100	100	100	100
Patching Index	100	100	100	100	100	100
Rutting Index	99	99	98	99	100	100
International Roughness Index (IRI)	181	104	118	109	82	86
Lane & Width Information						
Number of Lanes	2	2	2	2	2	2
Paved Width (ft)	20.7	20.4	21.6	20.4	20.4	20.5
Lane Width (ft)	9.8	9.5	10	10.1	10	10

Mount Rainier National Park

ROUTE 0011: SUNRISE ROAD

Data Collection Vehicle (DCV) Rating



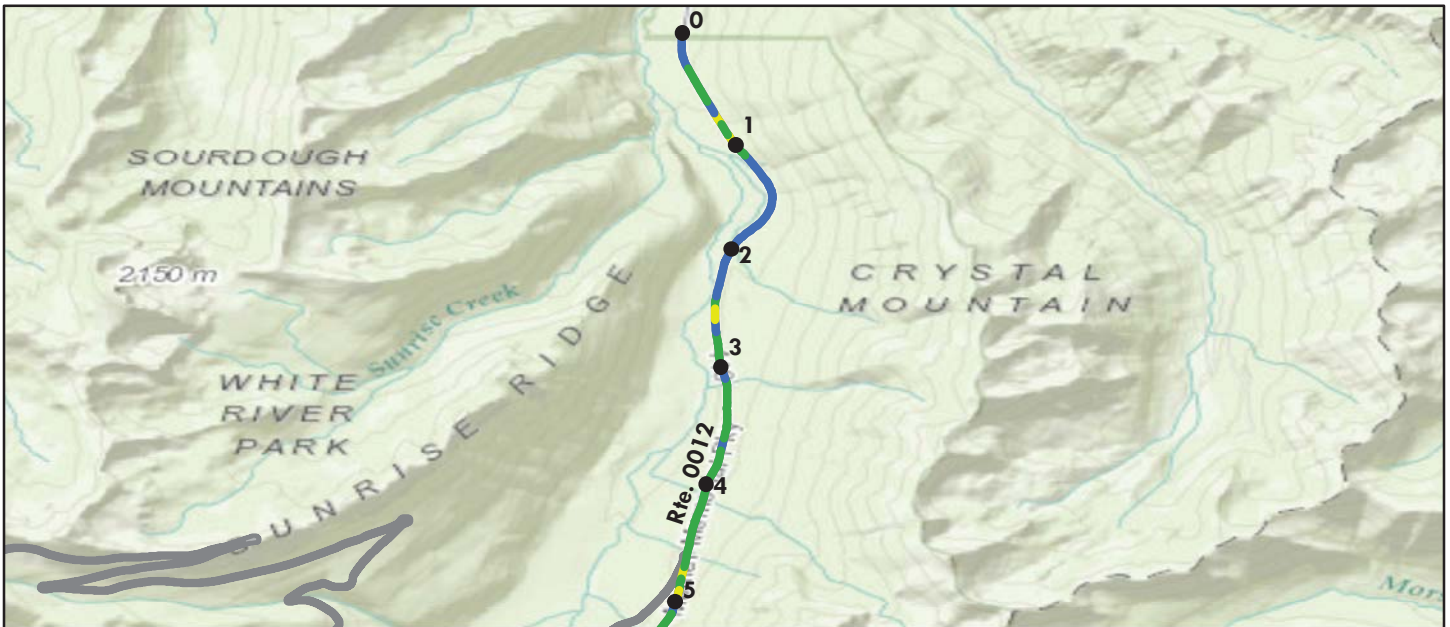
Sources: Esri, DeLorme, NAVTEQ, TomTom, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), swisstopo, and the GIS User Community

Route Condition Legend – Pavement Condition Rating (PCR)						
Poor (0 - 60)	Fair (61- 84)	Good (85 - 94)	Excellent (95 - 100)	Not Rated		
See Appendix for definitions and formulas						
Inspection Date: 8/8/2015	Beginning Section MP	15				
Paved Length (Miles): 15.38	Section Length (MI)	0.38				
Surface Type: ASPHALT	Route Summary					
Roadway Condition Information						
Pavement Condition Rating (PCR)	90	100				
Surface Condition Rating (SCR)	99	100				
Roughness Condition Index (RCI)	76	100				
Distress Index Values						
Structural Crack Index	100	100				
Alligator Crack Index	100	100				
Longitudinal Crack Index	100	100				
Transverse Cracking Index	100	100				
Patching Index	100	100				
Rutting Index	99	100				
International Roughness Index (IRI)	181	86				
Lane & Width Information						
Number of Lanes	2	2				
Paved Width (ft)	20.7	21.2				
Lane Width (ft)	9.8	9.8				

Mount Rainier National Park

ROUTE 0012: STATE ROUTE 410 (MATHER MEMORIAL PARKWAY)

Data Collection Vehicle (DCV) Rating



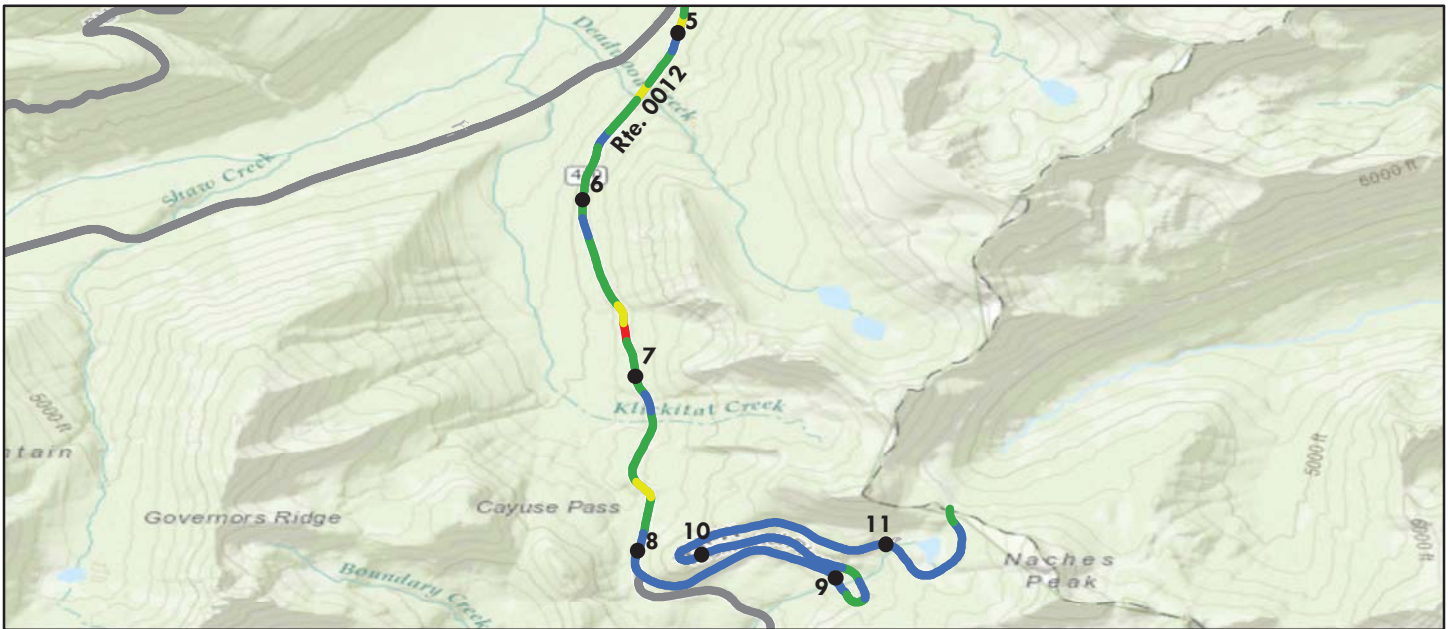
Sources: Esri, DeLorme, NAVTEQ, TomTom, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), swisstopo, and the GIS User Community

Route Condition Legend – Pavement Condition Rating (PCR)						
Poor (0 - 60)	Fair (61- 84)	Good (85 - 94)	Excellent (95 - 100)	Not Rated		
See Appendix for definitions and formulas						
Inspection Date: 8/8/2015	Beginning Section MP	0	1	2	3	4
Paved Length (Miles): 11.68	Section Length (MI)	1	1	1	1	1
Surface Type: ASPHALT	Route Summary					
Roadway Condition Information						
Pavement Condition Rating (PCR)	94	93	99	95	91	88
Surface Condition Rating (SCR)	99	100	100	100	100	100
Roughness Condition Index (RCI)	87	83	98	87	77	69
Distress Index Values						
Structural Crack Index	100	100	100	100	100	100
Alligator Crack Index	100	100	100	100	100	100
Longitudinal Crack Index	100	100	100	100	100	100
Transverse Cracking Index	100	100	100	100	100	100
Patching Index	100	100	100	100	100	100
Rutting Index	99	100	100	100	100	100
International Roughness Index (IRI)	148	161	121	149	178	206
Lane & Width Information						
Number of Lanes	2	2	2	2	2	2
Paved Width (ft)	20.7	20.2	20.2	19.6	20.3	20.4
Lane Width (ft)	8.3	9	8.1	7.9	7.8	8.4

Mount Rainier National Park

ROUTE 0012: STATE ROUTE 410 (MATHER MEMORIAL PARKWAY)

Data Collection Vehicle (DCV) Rating



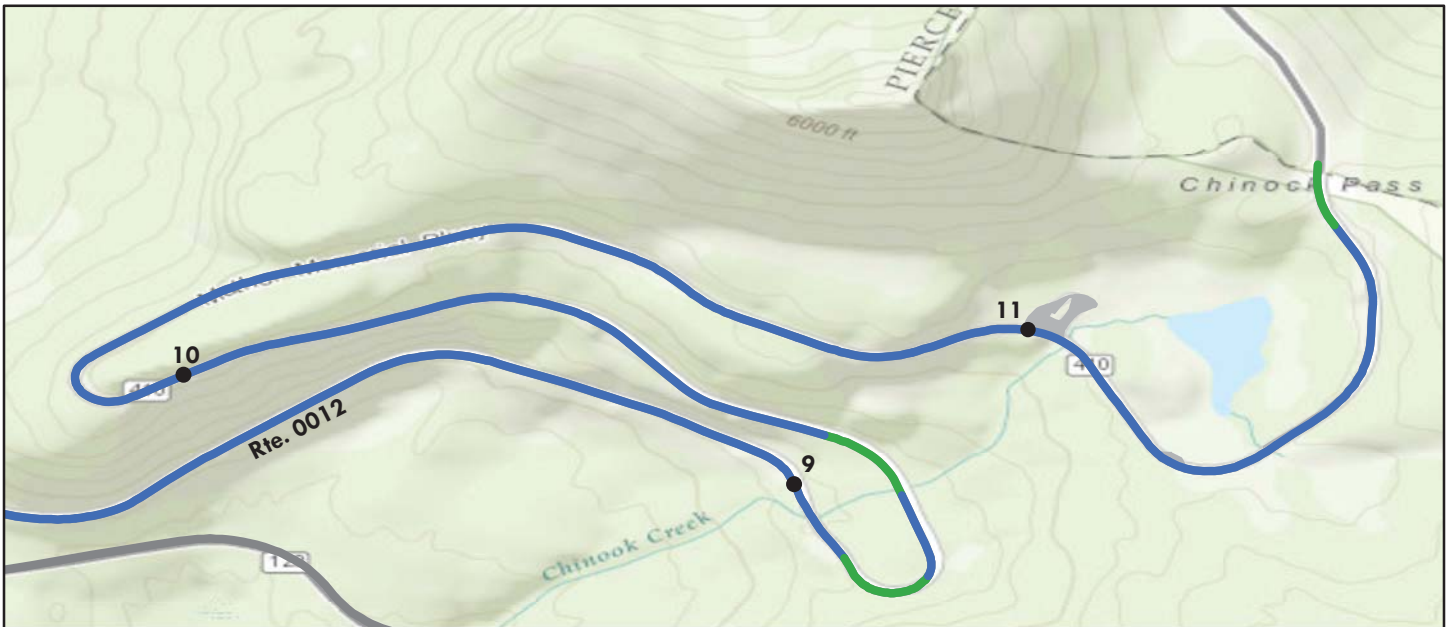
Sources: Esri, DeLorme, NAVTEQ, TomTom, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), swisstopo, and the GIS User Community

Route Condition Legend – Pavement Condition Rating (PCR)						
Poor (0 - 60)	Fair (61- 84)	Good (85 - 94)	Excellent (95 - 100)	Not Rated		
See Appendix for definitions and formulas						
Inspection Date: 8/8/2015	Beginning Section MP	5	6	7	8	9
Paved Length (Miles): 11.68	Section Length (MI)	1	1	1	1	1
Surface Type: ASPHALT	Route Summary					
Roadway Condition Information						
Pavement Condition Rating (PCR)	94	91	84	90	100	97
Surface Condition Rating (SCR)	99	99	97	100	100	95
Roughness Condition Index (RCI)	87	80	64	76	100	100
Distress Index Values						
Structural Crack Index	100	99	100	100	100	100
Alligator Crack Index	100	100	100	100	100	100
Longitudinal Crack Index	100	99	100	100	100	100
Transverse Cracking Index	100	100	100	100	100	100
Patching Index	100	100	97	100	100	100
Rutting Index	99	100	99	100	100	95
International Roughness Index (IRI)	148	170	224	182	104	85
Lane & Width Information						
Number of Lanes	2	2	2	2	2	2
Paved Width (ft)	20.7	21.6	20.2	19.9	21.3	20.4
Lane Width (ft)	8.3	8.3	8.2	7.8	8.4	8.1

Mount Rainier National Park

ROUTE 0012: STATE ROUTE 410 (MATHER MEMORIAL PARKWAY)

Data Collection Vehicle (DCV) Rating



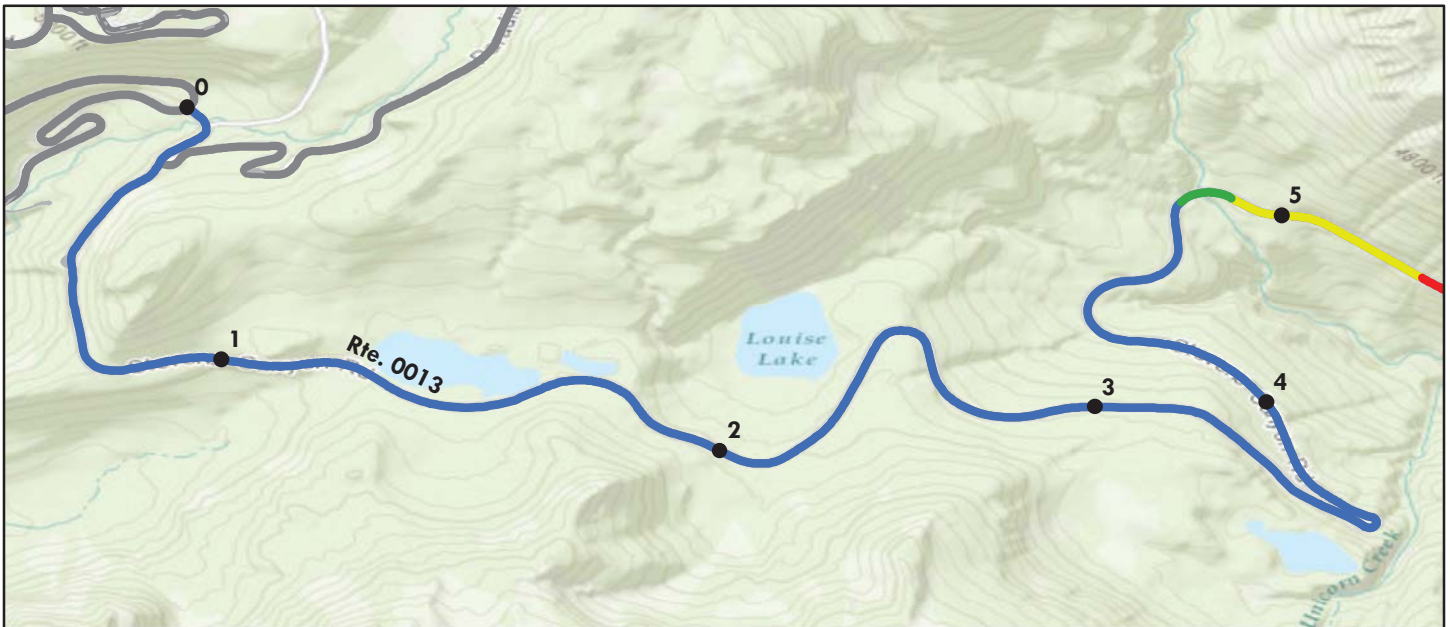
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Route Condition Legend – Pavement Condition Rating (PCR)						
Poor (0 - 60)	Fair (61- 84)	Good (85 - 94)	Excellent (95 - 100)	Not Rated		
See Appendix for definitions and formulas						
Inspection Date: 8/8/2015	Beginning Section MP	10	11			
Paved Length (Miles): 11.68	Section Length (MI)	1	0.68			
Surface Type: ASPHALT	Route Summary					
Roadway Condition Information						
Pavement Condition Rating (PCR)	94	99	99			
Surface Condition Rating (SCR)	99	99	99			
Roughness Condition Index (RCI)	87	100	100			
Distress Index Values						
Structural Crack Index	100	100	99			
Alligator Crack Index	100	100	100			
Longitudinal Crack Index	100	100	99			
Transverse Cracking Index	100	100	100			
Patching Index	100	100	100			
Rutting Index	99	99	100			
International Roughness Index (IRI)	148	80	94			
Lane & Width Information						
Number of Lanes	2	2	2			
Paved Width (ft)	20.7	22.6	21.8			
Lane Width (ft)	8.3	8.6	9.1			

Mount Rainier National Park

ROUTE 0013: STEVENS CANYON ROAD

Data Collection Vehicle (DCV) Rating



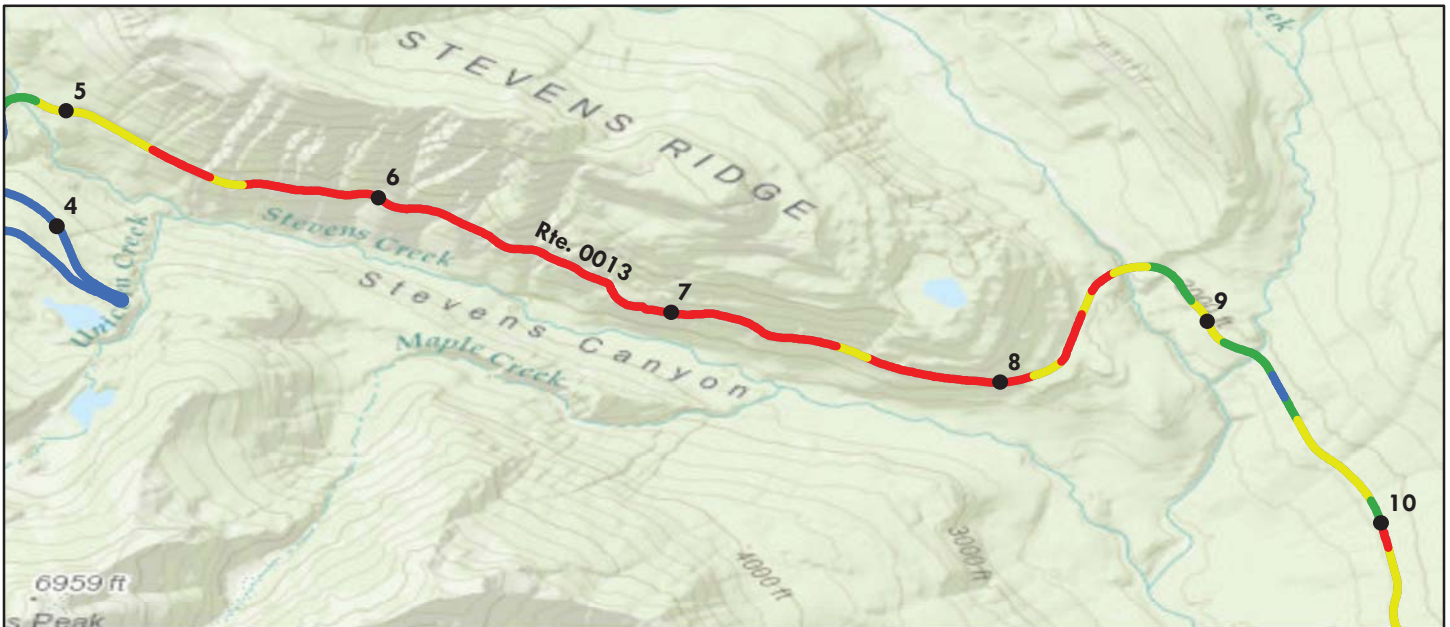
Sources: Esri, DeLorme, NAVTEQ, TomTom, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), swisstopo, and the GIS User Community

Route Condition Legend – Pavement Condition Rating (PCR)						
Poor (0 - 60)	Fair (61- 84)	Good (85 - 94)	Excellent (95 - 100)	Not Rated		
See Appendix for definitions and formulas						
Inspection Date: 8/8/2015	Beginning Section MP	0	1	2	3	4
Paved Length (Miles): 19.04	Section Length (MI)	1	1	1	1	1
Surface Type: ASPHALT	Route Summary					
Roadway Condition Information						
Pavement Condition Rating (PCR)	85	100	100	100	100	98
Surface Condition Rating (SCR)	80	100	100	100	100	96
Roughness Condition Index (RCI)	93	100	100	100	100	100
Distress Index Values						
Structural Crack Index	89	100	100	100	100	96
Alligator Crack Index	100	100	100	100	100	100
Longitudinal Crack Index	89	100	100	100	100	96
Transverse Cracking Index	80	100	100	100	100	96
Patching Index	100	100	100	100	100	100
Rutting Index	100	100	100	100	100	100
International Roughness Index (IRI)	133	105	92	83	83	88
Lane & Width Information						
Number of Lanes	2	2	2	2	2	2
Paved Width (ft)	25.6	24.8	24.8	25.2	26.5	25.6
Lane Width (ft)	11	10.4	10.7	11.4	11.8	11.6

Mount Rainier National Park

ROUTE 0013: STEVENS CANYON ROAD

Data Collection Vehicle (DCV) Rating



Sources: Esri, DeLorme, NAVTEQ, TomTom, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), swisstopo, and the GIS User Community

Route Condition Legend – Pavement Condition Rating (PCR)						
Poor (0 - 60)	Fair (61- 84)	Good (85 - 94)	Excellent (95 - 100)	Not Rated		
See Appendix for definitions and formulas						
Inspection Date: 8/8/2015	Beginning Section MP	5	6	7	8	9
Paved Length (Miles): 19.04	Section Length (MI)	1	1	1	1	1
Surface Type: ASPHALT	Route Summary					
Roadway Condition Information						
Pavement Condition Rating (PCR)	85	44	32	26	68	85
Surface Condition Rating (SCR)	80	30	0	0	54	83
Roughness Condition Index (RCI)	93	66	79	65	92	88
Distress Index Values						
Structural Crack Index	89	69	57	59	71	83
Alligator Crack Index	100	100	100	100	100	99
Longitudinal Crack Index	89	69	57	59	71	84
Transverse Cracking Index	80	30	0	0	54	93
Patching Index	100	100	100	100	100	100
Rutting Index	100	99	99	97	100	99
International Roughness Index (IRI)	133	216	173	220	136	146
Lane & Width Information						
Number of Lanes	2	2	2	2	2	2
Paved Width (ft)	25.6	25.2	25.9	28.1	25.5	24.5
Lane Width (ft)	11	10.9	11.1	10.9	11	10.7

Mount Rainier National Park

ROUTE 0013: STEVENS CANYON ROAD

Data Collection Vehicle (DCV) Rating



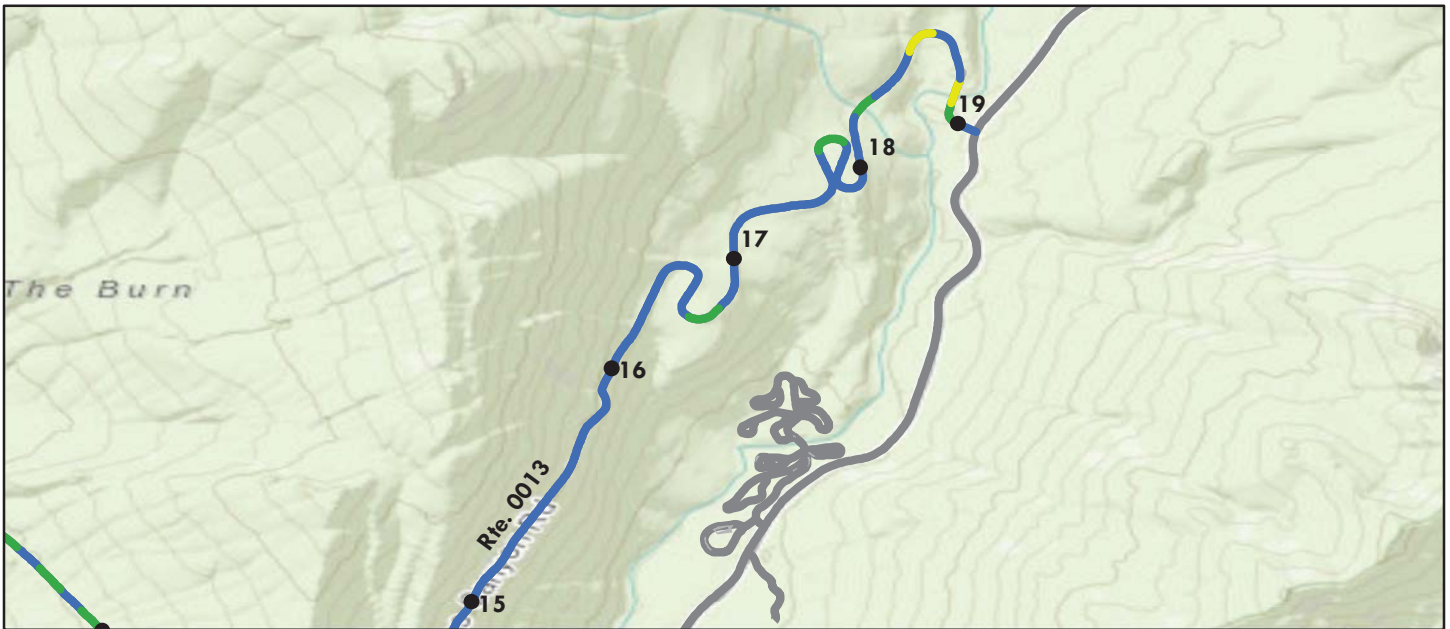
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Route Condition Legend – Pavement Condition Rating (PCR)										
Poor (0 - 60)		Fair (61- 84)		Good (85 - 94)		Excellent (95 - 100)		Not Rated		
See Appendix for definitions and formulas										
Inspection Date:	8/8/2015	Beginning Section MP	10	11	12	13	14			
Paved Length (Miles):	19.04	Section Length (MI)	1	1	1	1	1			
Surface Type:	ASPHALT	Route Summary								
Roadway Condition Information										
Pavement Condition Rating (PCR)	85	77	90	83	92	100				
Surface Condition Rating (SCR)	80	75	91	85	92	100				
Roughness Condition Index (RCI)	93	80	88	80	92	100				
Distress Index Values										
Structural Crack Index	89	75	91	85	92	100				
Alligator Crack Index	100	97	100	100	100	100				
Longitudinal Crack Index	89	78	91	85	92	100				
Transverse Cracking Index	80	89	97	95	95	100				
Patching Index	100	99	99	100	100	100				
Rutting Index	100	99	99	98	99	100				
International Roughness Index (IRI)	133	170	146	168	134	101				
Lane & Width Information										
Number of Lanes	2	2	2	2	2	2				
Paved Width (ft)	25.6	24.4	24.4	24.8	30.2	24.4				
Lane Width (ft)	11	10.3	10.6	10.3	10.7	10.9				

Mount Rainier National Park

ROUTE 0013: STEVENS CANYON ROAD

Data Collection Vehicle (DCV) Rating



Sources: Esri, DeLorme, NAVTEQ, TomTom, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), swisstopo, and the GIS User Community

Route Condition Legend – Pavement Condition Rating (PCR)						
Poor (0 - 60)	Fair (61- 84)	Good (85 - 94)	Excellent (95 - 100)	Not Rated		
See Appendix for definitions and formulas						
Inspection Date: 8/8/2015	Beginning Section MP	15	16	17	18	19
Paved Length (Miles): 19.04	Section Length (MI)	1	1	1	1	0.04
Surface Type: ASPHALT	Route Summary					
Roadway Condition Information						
Pavement Condition Rating (PCR)	85	100	100	100	93	99
Surface Condition Rating (SCR)	80	100	100	100	100	99
Roughness Condition Index (RCI)	93	100	100	99	82	N/A
Distress Index Values						
Structural Crack Index	89	100	100	100	100	100
Alligator Crack Index	100	100	100	100	100	100
Longitudinal Crack Index	89	100	100	100	100	100
Transverse Cracking Index	80	100	100	100	100	100
Patching Index	100	100	100	100	100	100
Rutting Index	100	100	100	100	100	99
International Roughness Index (IRI)	133	88	98	117	163	N/A
Lane & Width Information						
Number of Lanes	2	2	2	2	2	2
Paved Width (ft)	25.6	25.1	24.3	24.3	27.1	56
Lane Width (ft)	11	10.8	10.9	11	12.4	15.8

Mount Rainier National Park

ROUTE 0014: STATE ROUTE 706 (NISQUALLY ROAD)

Data Collection Vehicle (DCV) Rating



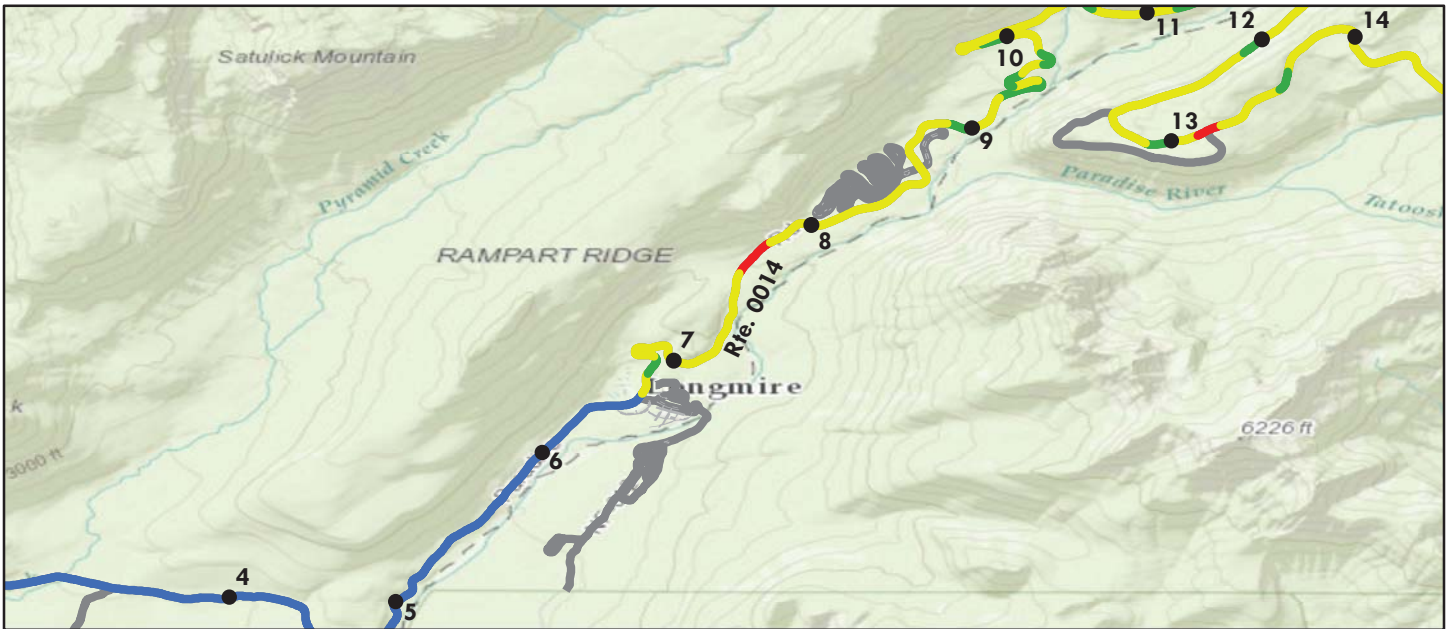
Sources: Esri, DeLorme, NAVTEQ, TomTom, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), swisstopo, and the GIS User Community

Route Condition Legend – Pavement Condition Rating (PCR)						
Poor (0 - 60)	Fair (61- 84)	Good (85 - 94)	Excellent (95 - 100)	Not Rated		
See Appendix for definitions and formulas						
Inspection Date: 8/7/2015	Beginning Section MP	0	1	2	3	4
Paved Length (Miles): 17.65	Section Length (MI)	1	1	1	1	1
Surface Type: ASPHALT	Route Summary					
Roadway Condition Information						
Pavement Condition Rating (PCR)	86	99	100	100	100	100
Surface Condition Rating (SCR)	95	99	100	100	100	100
Roughness Condition Index (RCI)	73	100	100	100	100	100
Distress Index Values						
Structural Crack Index	96	100	100	100	100	100
Alligator Crack Index	100	100	100	100	100	100
Longitudinal Crack Index	96	100	100	100	100	100
Transverse Cracking Index	99	100	100	100	100	100
Patching Index	95	100	100	100	100	100
Rutting Index	95	99	100	100	100	100
International Roughness Index (IRI)	193	100	93	95	85	97
Lane & Width Information						
Number of Lanes	2	2	2	2	2	2
Paved Width (ft)	20.3	20.8	20.7	20	20.6	19.4
Lane Width (ft)	9.1	9.2	9	8.9	8.9	8.9

Mount Rainier National Park

ROUTE 0014: STATE ROUTE 706 (NISQUALLY ROAD)

Data Collection Vehicle (DCV) Rating



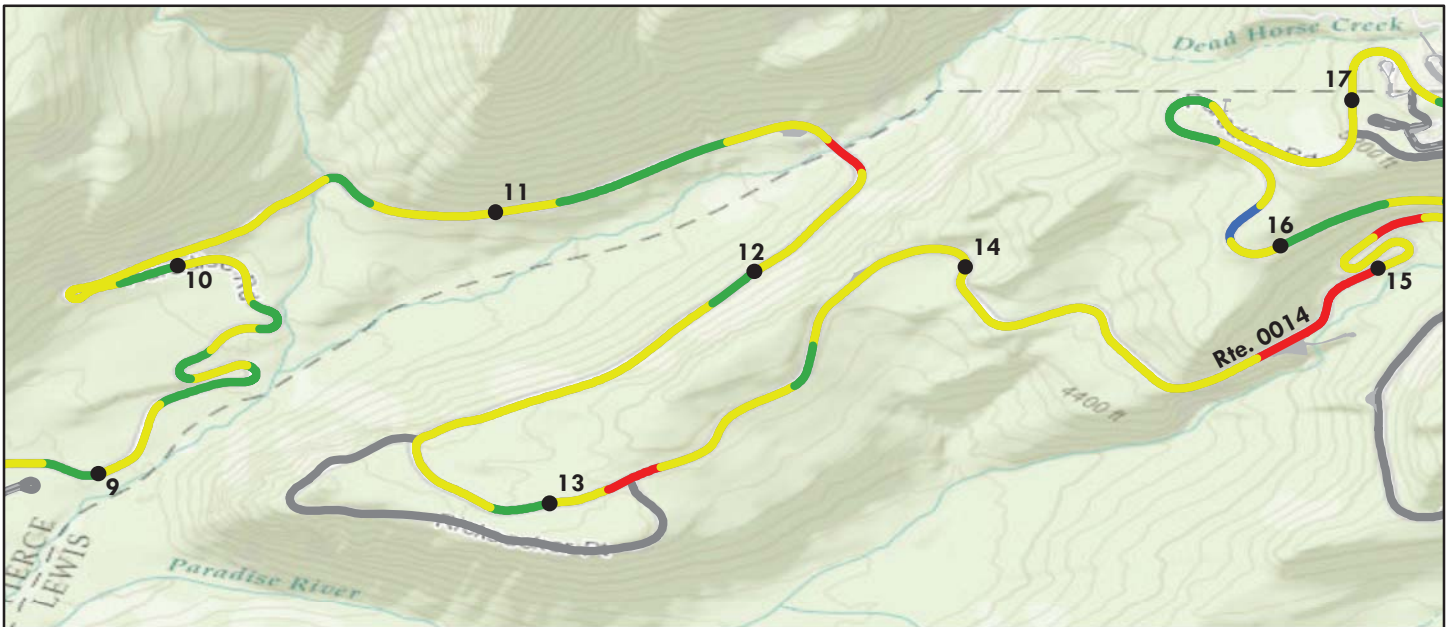
Sources: Esri, DeLorme, NAVTEQ, TomTom, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), swisstopo, and the GIS User Community

Route Condition Legend – Pavement Condition Rating (PCR)						
Poor (0 - 60)	Fair (61- 84)	Good (85 - 94)	Excellent (95 - 100)	Not Rated		
See Appendix for definitions and formulas						
Inspection Date: 8/7/2015	Beginning Section MP	5	6	7	8	9
Paved Length (Miles): 17.65	Section Length (MI)	1	1	1	1	1
Surface Type: ASPHALT	Route Summary					
Roadway Condition Information						
Pavement Condition Rating (PCR)	86	100	90	71	76	84
Surface Condition Rating (SCR)	95	100	96	86	88	91
Roughness Condition Index (RCI)	73	100	82	48	59	73
Distress Index Values						
Structural Crack Index	96	100	100	92	97	100
Alligator Crack Index	100	100	100	100	100	100
Longitudinal Crack Index	96	100	100	92	97	100
Transverse Cracking Index	99	100	100	100	100	100
Patching Index	95	100	96	86	91	99
Rutting Index	95	100	96	88	88	91
International Roughness Index (IRI)	193	93	164	296	245	190
Lane & Width Information						
Number of Lanes	2	2	2	2	2	2
Paved Width (ft)	20.3	20.3	19.6	20.1	21.3	21.1
Lane Width (ft)	9.1	8.8	8.9	9.5	9.5	8.8

Mount Rainier National Park

ROUTE 0014: STATE ROUTE 706 (NISQUALLY ROAD)

Data Collection Vehicle (DCV) Rating



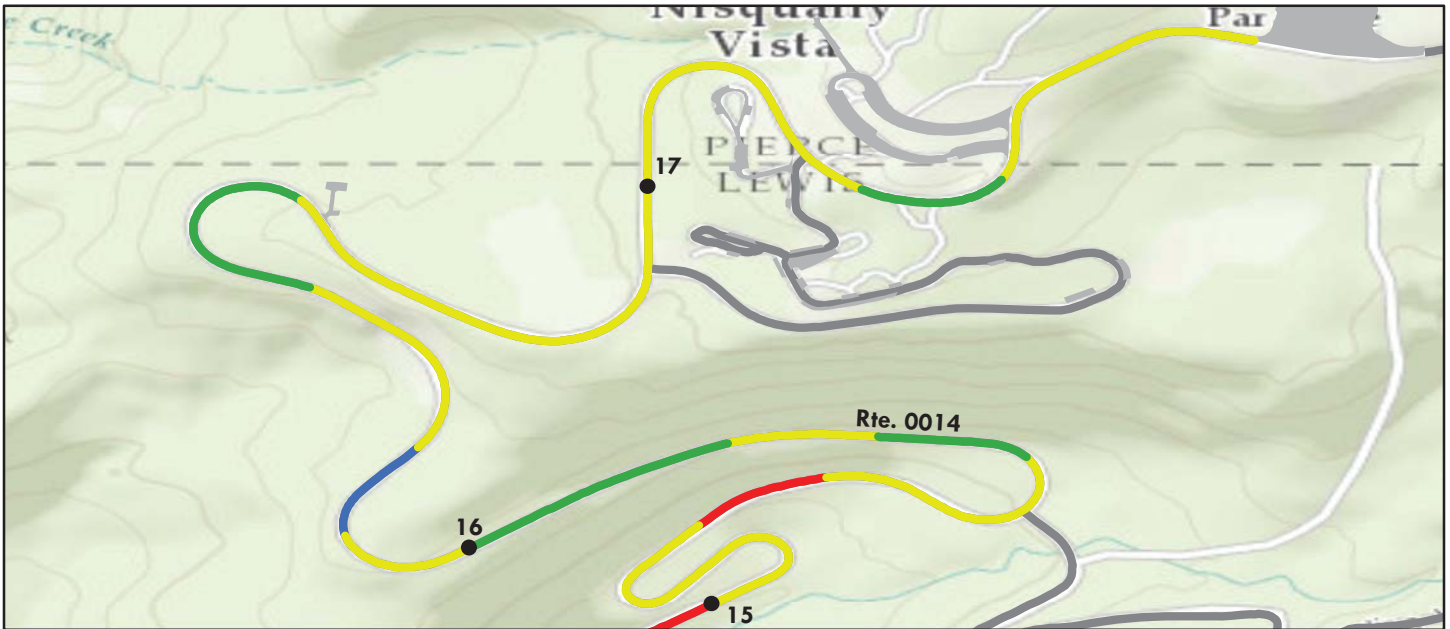
Sources: Esri, DeLorme, NAVTEQ, TomTom, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), swisstopo, and the GIS User Community

Route Condition Legend – Pavement Condition Rating (PCR)						
Poor (0 - 60)	Fair (61- 84)	Good (85 - 94)	Excellent (95 - 100)	Not Rated		
See Appendix for definitions and formulas						
Inspection Date: 8/7/2015	Beginning Section MP	10	11	12	13	14
Paved Length (Miles): 17.65	Section Length (MI)	1	1	1	1	1
Surface Type: ASPHALT	Route Summary					
Roadway Condition Information						
Pavement Condition Rating (PCR)	86	78	80	80	69	68
Surface Condition Rating (SCR)	95	94	92	94	81	86
Roughness Condition Index (RCI)	73	53	61	59	52	42
Distress Index Values						
Structural Crack Index	96	94	97	95	81	86
Alligator Crack Index	100	100	100	100	94	100
Longitudinal Crack Index	96	94	97	95	87	86
Transverse Cracking Index	99	100	99	99	99	99
Patching Index	95	97	96	95	88	87
Rutting Index	95	95	92	94	93	95
International Roughness Index (IRI)	193	268	234	242	276	327
Lane & Width Information						
Number of Lanes	2	2	2	2	2	2
Paved Width (ft)	20.3	19	21.8	19.7	20.5	19.3
Lane Width (ft)	9.1	8.7	9.5	8	9.6	9.2

Mount Rainier National Park

ROUTE 0014: STATE ROUTE 706 (NISQUALLY ROAD)

Data Collection Vehicle (DCV) Rating



Sources: Esri, DeLorme, NAVTEQ, TomTom, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), swisstopo, and the GIS User Community

Route Condition Legend – Pavement Condition Rating (PCR)						
Poor (0 - 60)	Fair (61- 84)	Good (85 - 94)	Excellent (95 - 100)	Not Rated		
See Appendix for definitions and formulas						
Inspection Date: 8/7/2015	Beginning Section MP	15	16	17		
Paved Length (Miles): 17.65	Section Length (MI)	1	1	0.65		
Surface Type: ASPHALT	Route Summary					
Roadway Condition Information						
Pavement Condition Rating (PCR)	86	77	83	81		
Surface Condition Rating (SCR)	95	93	92	87		
Roughness Condition Index (RCI)	73	54	70	71		
Distress Index Values						
Structural Crack Index	96	94	92	96		
Alligator Crack Index	100	100	100	100		
Longitudinal Crack Index	96	94	92	96		
Transverse Cracking Index	99	99	97	97		
Patching Index	95	93	94	87		
Rutting Index	95	95	96	93		
International Roughness Index (IRI)	193	264	203	200		
Lane & Width Information						
Number of Lanes	2	2	2	2		
Paved Width (ft)	20.3	19.7	20.2	21.5		
Lane Width (ft)	9.1	9.5	8.9	9.2		

Mount Rainier National Park

ROUTE 0100: LONGMIRE SOUTH BACK GATE ROAD

Data Collection Vehicle (DCV) Rating



Sources: Esri, DeLorme, NAVTEQ, TomTom, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), swisstopo, and the GIS User Community

Route Condition Legend – Pavement Condition Rating (PCR)						
Poor (0 - 60)	Fair (61- 84)	Good (85 - 94)	Excellent (95 - 100)	Not Rated		
See Appendix for definitions and formulas						
Inspection Date: 8/9/2015	Beginning Section MP	0	1			
Paved Length (Miles): 1.49	Section Length (MI)	1	0.49			
Surface Type: ASPHALT	Route Summary					
Roadway Condition Information						
Pavement Condition Rating (PCR)	85	96	86			
Surface Condition Rating (SCR)	97	96	99			
Roughness Condition Index (RCI)	67	N/A	67			
Distress Index Values						
Structural Crack Index	97	96	100			
Alligator Crack Index	99	99	100			
Longitudinal Crack Index	98	97	100			
Transverse Cracking Index	99	99	100			
Patching Index	99	98	100			
Rutting Index	98	98	99			
International Roughness Index (IRI)	214	N/A	214			
Lane & Width Information						
Number of Lanes	2	2	1			
Paved Width (ft)	14.7	16.1	12			
Lane Width (ft)	11.1	10.6	12			

Mount Rainier National Park

ROUTE 0102: CARBON RIVER ENTRANCE ROAD

Data Collection Vehicle (DCV) Rating



Sources: Esri, DeLorme, NAVTEQ, TomTom, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), swisstopo, and the GIS User Community

Route Condition Legend – Pavement Condition Rating (PCR)						
Poor (0 - 60)	Fair (61- 84)	Good (85 - 94)	Excellent (95 - 100)	Not Rated		
See Appendix for definitions and formulas						
Inspection Date: 8/9/2015	Beginning Section MP	0				
Paved Length (Miles): 0.19	Section Length (MI)	0.19				
Surface Type: ASPHALT	Route Summary					
Roadway Condition Information						
Pavement Condition Rating (PCR)	94	94				
Surface Condition Rating (SCR)	94	94				
Roughness Condition Index (RCI)	N/A	N/A				
Distress Index Values						
Structural Crack Index	99	99				
Alligator Crack Index	100	100				
Longitudinal Crack Index	99	99				
Transverse Cracking Index	100	100				
Patching Index	100	100				
Rutting Index	94	94				
International Roughness Index (IRI)	N/A	N/A				
Lane & Width Information						
Number of Lanes	1	1				
Paved Width (ft)	12	12				
Lane Width (ft)	8.6	8.6				

Mount Rainier National Park

ROUTE 0200A: WHITE RIVER CAMPGROUND ENTRANCE ROAD

Data Collection Vehicle (DCV) Rating



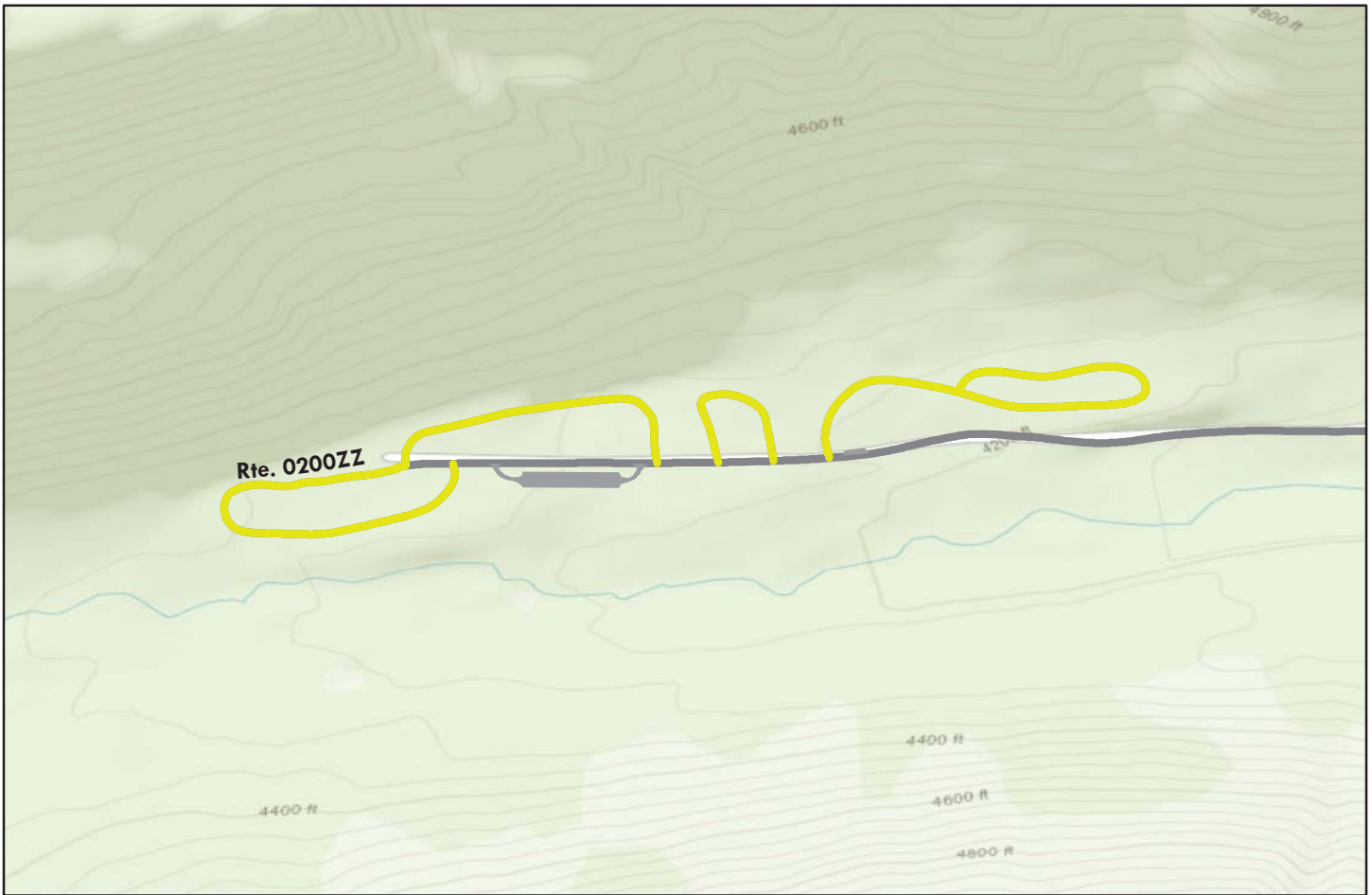
Sources: Esri, DeLorme, NAVTEQ, TomTom, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), swisstopo, and the GIS User Community

Route Condition Legend – Pavement Condition Rating (PCR)						
Poor (0 - 60)	Fair (61- 84)	Good (85 - 94)	Excellent (95 - 100)	Not Rated		
See Appendix for definitions and formulas						
Inspection Date: 8/8/2015	Beginning Section MP	0	1			
Paved Length (Miles): 1.33	Section Length (MI)	1	0.33			
Surface Type: ASPHALT	Route Summary					
Roadway Condition Information						
Pavement Condition Rating (PCR)	86	87	91			
Surface Condition Rating (SCR)	98	99	91			
Roughness Condition Index (RCI)	69	69	N/A			
Distress Index Values						
Structural Crack Index	98	100	93			
Alligator Crack Index	100	100	100			
Longitudinal Crack Index	98	100	93			
Transverse Cracking Index	98	100	91			
Patching Index	100	100	100			
Rutting Index	99	99	98			
International Roughness Index (IRI)	206	205	N/A			
Lane & Width Information						
Number of Lanes	2	2	2			
Paved Width (ft)	22.8	23.6	20.3			
Lane Width (ft)	11.2	11.7	9.7			

Mount Rainier National Park

ROUTE 0200ZZ: WHITE RIVER CAMPGROUND LOOPS

Summary Route



Sources: Esri, DeLorme, NAVTEQ, TomTom, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), swisstopo, and the GIS User Community

Note: The weighted average summary PCR value is calculated from only the sections of road where the PCR was collected. The overall PCR for the summary route may not reflect individual subcomponent ratings.

Route Condition Legend – Pavement Condition Rating (PCR)						
Poor (0 - 60)	Fair (61- 84)	Good (85 - 94)	Excellent (95 - 100)	Not Rated		
See Appendix for definitions and formulas						
Inspection Date:	8/8/2015					
Paved Length (Miles):	0.89					
Surface Type:	ASPHALT	Route Summary				
Roadway Condition Information						
Pavement Condition Rating (PCR)	81					
Lane & Width Information						
Number of Lanes	1					
Paved Width (ft)	13.2					
Lane Width (ft)	10.9					

Mount Rainier National Park

ROUTE 0200AZ: WHITE RIVER CAMPGROUND LOOP A

Subcomponent of Route MORA-0200ZZ
Data Collection Vehicle (DCV) Rating



Sources: Esri, DeLorme, NAVTEQ, TomTom, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), swisstopo, and the GIS User Community

Route Condition Legend – Pavement Condition Rating (PCR)						
Poor (0 - 60)	Fair (61- 84)	Good (85 - 94)	Excellent (95 - 100)	Not Rated		
See Appendix for definitions and formulas						
Inspection Date: 8/8/2015	Beginning Section MP	0				
Paved Length (Miles): 0.33	Section Length (MI)	0.33				
Surface Type: ASPHALT	Route Summary					
Roadway Condition Information						
Pavement Condition Rating (PCR)	74	74				
Surface Condition Rating (SCR)	74	74				
Roughness Condition Index (RCI)	N/A	N/A				
Distress Index Values						
Structural Crack Index	74	74				
Alligator Crack Index	99	99				
Longitudinal Crack Index	75	75				
Transverse Cracking Index	92	92				
Patching Index	98	98				
Rutting Index	92	92				
International Roughness Index (IRI)	N/A	N/A				
Lane & Width Information						
Number of Lanes	1	1				
Paved Width (ft)	14.2	14.2				
Lane Width (ft)	10.6	10.6				

Mount Rainier National Park

ROUTE 0200BZ: WHITE RIVER CAMPGROUND LOOP B

Subcomponent of Route MORA-0200ZZ
Data Collection Vehicle (DCV) Rating



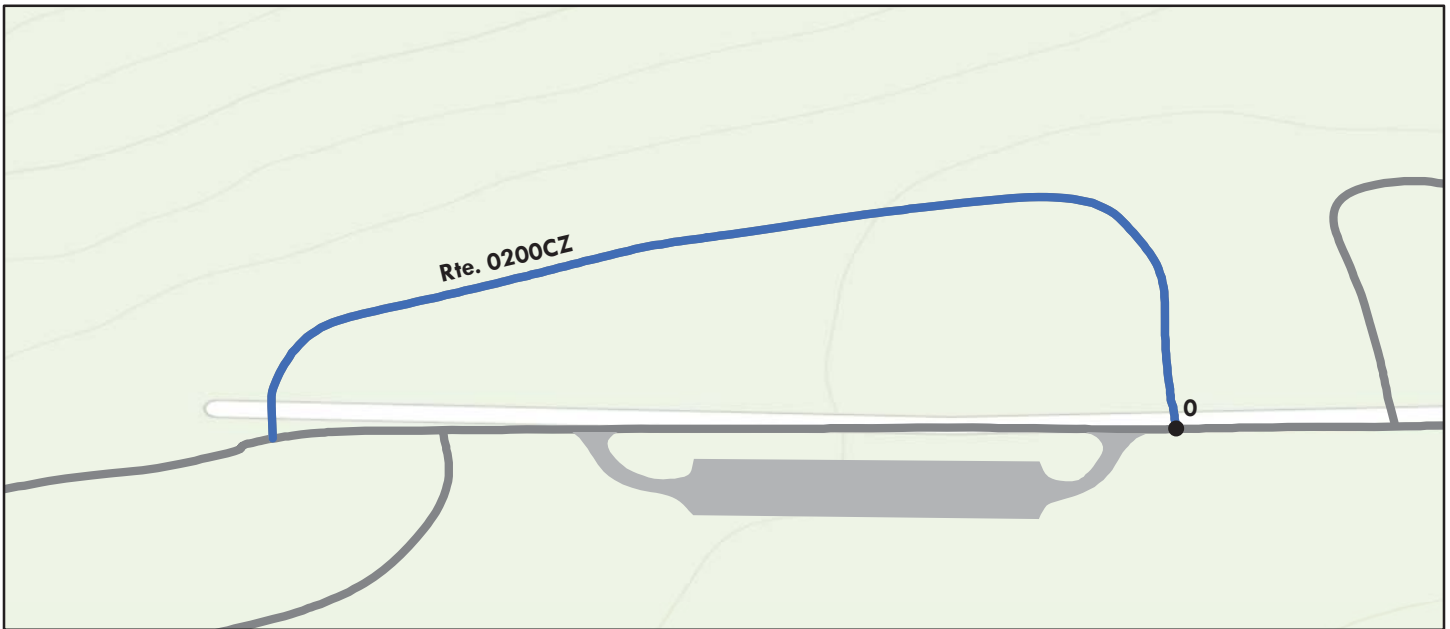
Sources: Esri, DeLorme, NAVTEQ, TomTom, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), swisstopo, and the GIS User Community

Route Condition Legend – Pavement Condition Rating (PCR)						
Poor (0 - 60)	Fair (61- 84)	Good (85 - 94)	Excellent (95 - 100)	Not Rated		
See Appendix for definitions and formulas						
Inspection Date: 8/8/2015	Beginning Section MP	0				
Paved Length (Miles): 0.12	Section Length (MI)	0.12				
Surface Type: ASPHALT	Route Summary					
Roadway Condition Information						
Pavement Condition Rating (PCR)	82	82				
Surface Condition Rating (SCR)	82	82				
Roughness Condition Index (RCI)	N/A	N/A				
Distress Index Values						
Structural Crack Index	83	83				
Alligator Crack Index	100	100				
Longitudinal Crack Index	83	83				
Transverse Cracking Index	94	94				
Patching Index	100	100				
Rutting Index	82	82				
International Roughness Index (IRI)	N/A	N/A				
Lane & Width Information						
Number of Lanes	2	2				
Paved Width (ft)	14	14				
Lane Width (ft)	7	7				

Mount Rainier National Park

ROUTE 0200CZ: WHITE RIVER CAMPGROUND LOOP C

Subcomponent of Route MORA-0200ZZ
Data Collection Vehicle (DCV) Rating



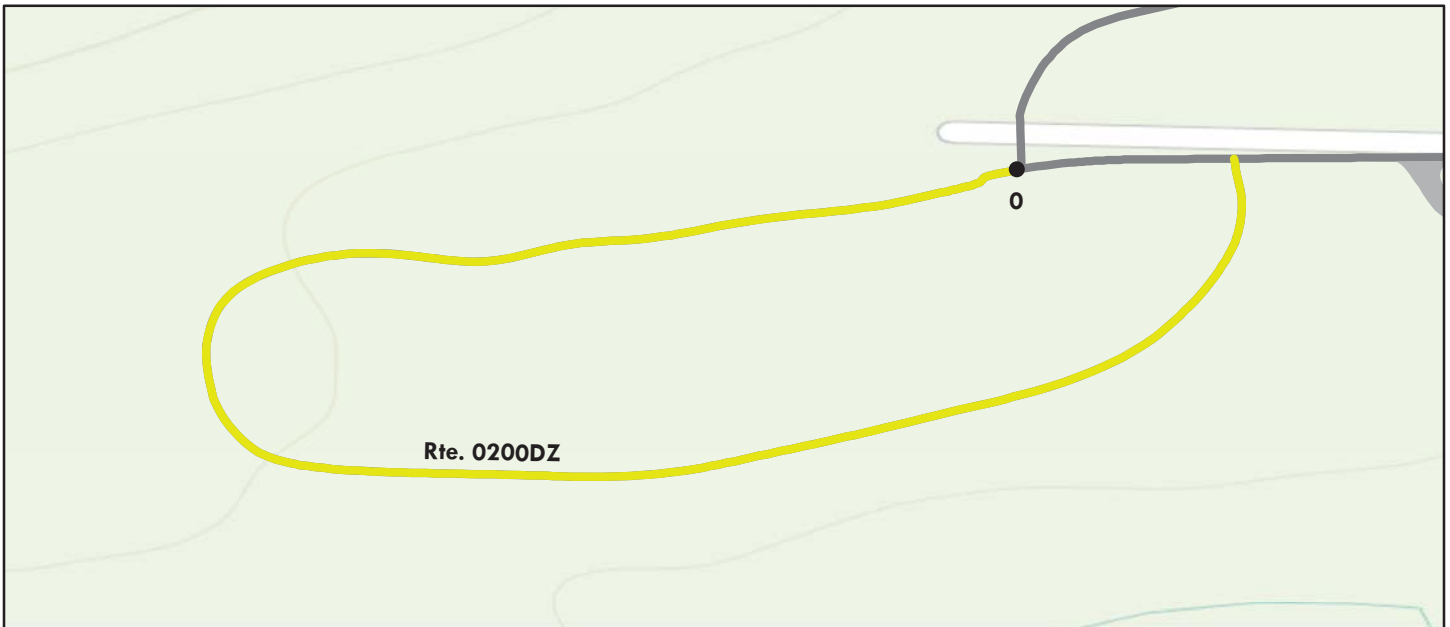
Sources: Esri, DeLorme, NAVTEQ, TomTom, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), swisstopo, and the GIS User Community

Route Condition Legend – Pavement Condition Rating (PCR)						
Poor (0 - 60)	Fair (61- 84)	Good (85 - 94)	Excellent (95 - 100)	Not Rated		
See Appendix for definitions and formulas						
Inspection Date: 8/8/2015	Beginning Section MP	0				
Paved Length (Miles): 0.18	Section Length (MI)	0.18				
Surface Type: ASPHALT	Route Summary					
Roadway Condition Information						
Pavement Condition Rating (PCR)	95	95				
Surface Condition Rating (SCR)	95	95				
Roughness Condition Index (RCI)	N/A	N/A				
Distress Index Values						
Structural Crack Index	95	95				
Alligator Crack Index	100	100				
Longitudinal Crack Index	95	95				
Transverse Cracking Index	99	99				
Patching Index	100	100				
Rutting Index	97	97				
International Roughness Index (IRI)	N/A	N/A				
Lane & Width Information						
Number of Lanes	1	1				
Paved Width (ft)	12.5	12.5				
Lane Width (ft)	12.5	12.5				

Mount Rainier National Park

ROUTE 0200DZ: WHITE RIVER CAMPGROUND LOOP D

Subcomponent of Route MORA-0200ZZ
Data Collection Vehicle (DCV) Rating



Sources: Esri, DeLorme, NAVTEQ, TomTom, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), swisstopo, and the GIS User Community

Route Condition Legend – Pavement Condition Rating (PCR)						
Poor (0 - 60)	Fair (61- 84)	Good (85 - 94)	Excellent (95 - 100)	Not Rated		
See Appendix for definitions and formulas						
Inspection Date: 8/8/2015	Beginning Section MP	0				
Paved Length (Miles): 0.26	Section Length (MI)	0.26				
Surface Type: ASPHALT	Route Summary					
Roadway Condition Information						
Pavement Condition Rating (PCR)	80	80				
Surface Condition Rating (SCR)	80	80				
Roughness Condition Index (RCI)	N/A	N/A				
Distress Index Values						
Structural Crack Index	96	96				
Alligator Crack Index	100	100				
Longitudinal Crack Index	96	96				
Transverse Cracking Index	80	80				
Patching Index	100	100				
Rutting Index	93	93				
International Roughness Index (IRI)	N/A	N/A				
Lane & Width Information						
Number of Lanes	1	1				
Paved Width (ft)	12	12				
Lane Width (ft)	12	12				

Mount Rainier National Park

ROUTE 0201: SUNSHINE POINT CAMPGROUND ENTRANCE

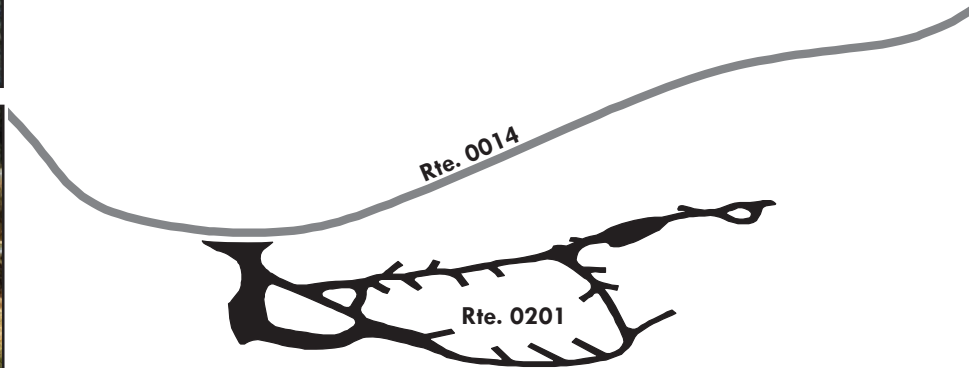
Manual Rating

FROM ROUTE 0014 (STATE ROUTE 706 (NISQUALLY ROAD)) AT MP 0.41
THROUGH CAMPGROUND

Inspection Date	FMSS Number	User Access	Surface Type
8/7/2015	20194	PUBLIC	ASPHALT
Area (Sq. Ft.)	Lane Miles (11' Widths)	Pavement Recommendation	
56,528	0.973	NOT APPLICABLE	
Condition Rating / PCR			
NOT RATED / N/A			
Route Condition Legend – Pavement Condition Rating (PCR)			
Poor (0 - 60)	Fair (61- 84)	Good (85 - 94)	Excellent (95 - 100)
			Not Rated
See Appendix for definitions and formulas			



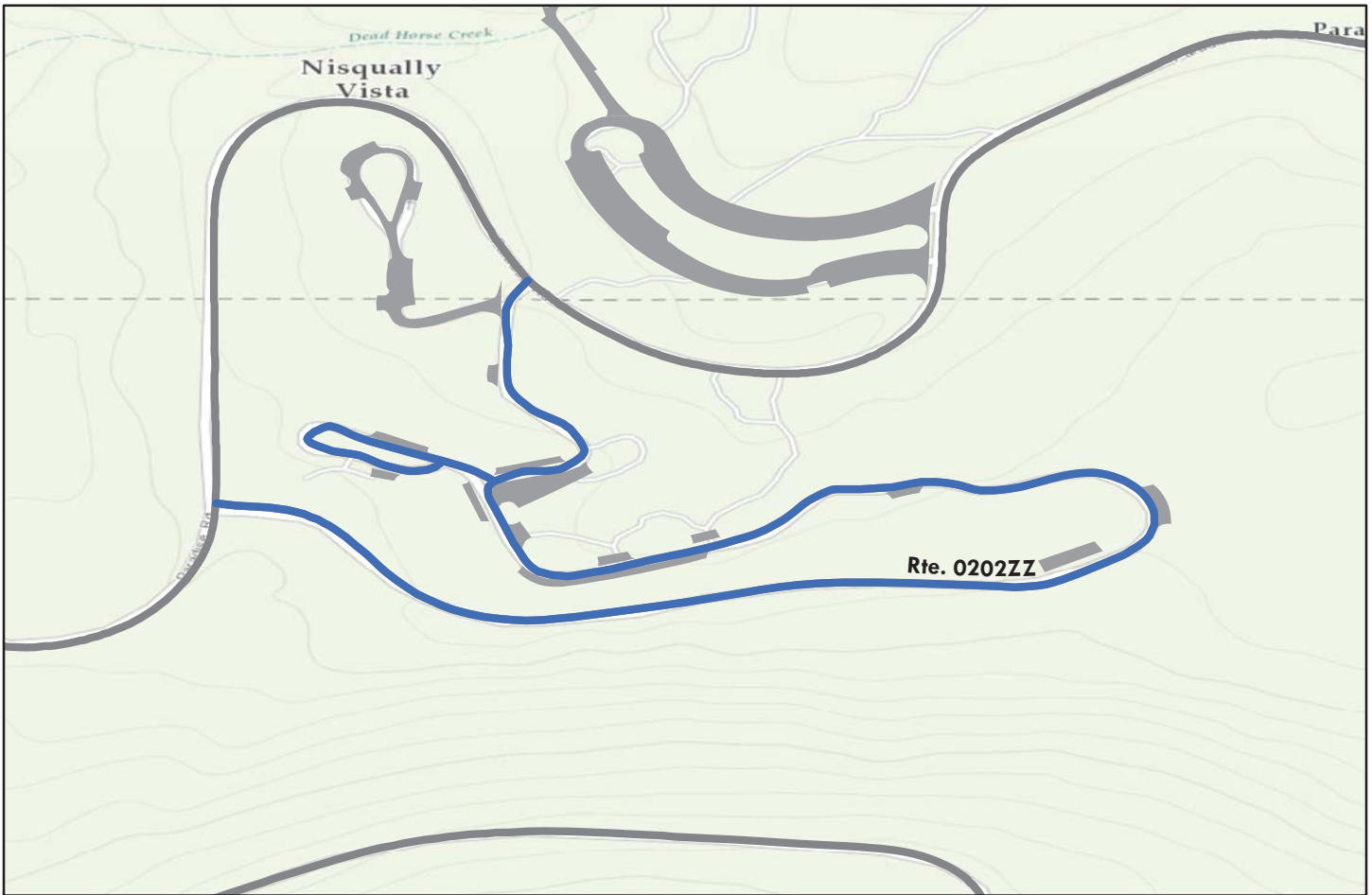
Campground area was not rated due to severe washed out in the area.



Mount Rainier National Park

ROUTE 0202ZZ: PARADISE PICNIC AREA ROADS

Summary Route



Sources: Esri, DeLorme, NAVTEQ, TomTom, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), swisstopo, and the GIS User Community

Note: The weighted average summary PCR value is calculated from only the sections of road where the PCR was collected. The overall PCR for the summary route may not reflect individual subcomponent ratings.

Route Condition Legend – Pavement Condition Rating (PCR)						
Poor (0 - 60)	Fair (61- 84)	Good (85 - 94)	Excellent (95 - 100)	Not Rated		
See Appendix for definitions and formulas						
Inspection Date:	8/9/2015					
Paved Length (Miles):	0.86					
Surface Type:	ASPHALT	Route Summary				
Roadway Condition Information						
Pavement Condition Rating (PCR)	97					
Lane & Width Information						
Number of Lanes	1					
Paved Width (ft)	18.1					
Lane Width (ft)	16.4					

Mount Rainier National Park

ROUTE 0202AZ: PARADISE PICNIC AREA ROAD

Subcomponent of Route MORA-0202ZZ
 Data Collection Vehicle (DCV) Rating



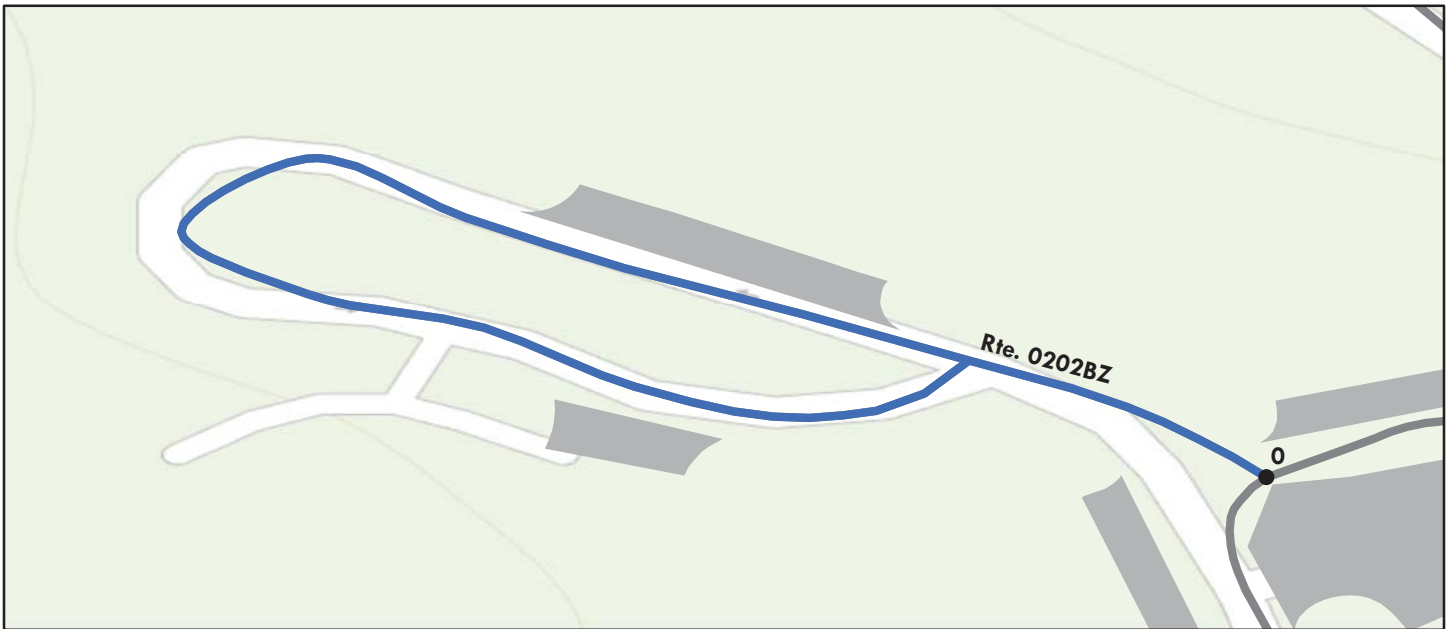
Sources: Esri, DeLorme, NAVTEQ, TomTom, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), swisstopo, and the GIS User Community

Route Condition Legend – Pavement Condition Rating (PCR)						
Poor (0 - 60)	Fair (61- 84)	Good (85 - 94)	Excellent (95 - 100)	Not Rated		
See Appendix for definitions and formulas						
Inspection Date: 8/9/2015	Beginning Section MP	0				
Paved Length (Miles): 0.75	Section Length (MI)	0.75				
Surface Type: ASPHALT	Route Summary					
Roadway Condition Information						
Pavement Condition Rating (PCR)	97	97				
Surface Condition Rating (SCR)	97	97				
Roughness Condition Index (RCI)	N/A	N/A				
Distress Index Values						
Structural Crack Index	100	100				
Alligator Crack Index	100	100				
Longitudinal Crack Index	100	100				
Transverse Cracking Index	100	100				
Patching Index	100	100				
Rutting Index	97	97				
International Roughness Index (IRI)	N/A	N/A				
Lane & Width Information						
Number of Lanes	1	1				
Paved Width (ft)	18.8	18.8				
Lane Width (ft)	17.1	17.1				

Mount Rainier National Park

ROUTE 0202BZ: PARADISE PICNIC AREA LOOP

Subcomponent of Route MORA-0202ZZ
Data Collection Vehicle (DCV) Rating



Sources: Esri, DeLorme, NAVTEQ, TomTom, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), swisstopo, and the GIS User Community

Route Condition Legend – Pavement Condition Rating (PCR)						
Poor (0 - 60)	Fair (61- 84)	Good (85 - 94)	Excellent (95 - 100)	Not Rated		
See Appendix for definitions and formulas						
Inspection Date: 8/8/2015	Beginning Section MP	0				
Paved Length (Miles): 0.12	Section Length (MI)	0.12				
Surface Type: ASPHALT	Route Summary					
Roadway Condition Information						
Pavement Condition Rating (PCR)	98	98				
Surface Condition Rating (SCR)	98	98				
Roughness Condition Index (RCI)	N/A	N/A				
Distress Index Values						
Structural Crack Index	100	100				
Alligator Crack Index	100	100				
Longitudinal Crack Index	100	100				
Transverse Cracking Index	100	100				
Patching Index	100	100				
Rutting Index	98	98				
International Roughness Index (IRI)	N/A	N/A				
Lane & Width Information						
Number of Lanes	1	1				
Paved Width (ft)	13.8	13.8				
Lane Width (ft)	11.9	11.9				

Mount Rainier National Park

ROUTE 0203: MILLER CUT OFF / RICKSECKER POINT LOOP ROAD

Data Collection Vehicle (DCV) Rating



Sources: Esri, DeLorme, NAVTEQ, TomTom, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), swisstopo, and the GIS User Community

Route Condition Legend – Pavement Condition Rating (PCR)									
Poor (0 - 60)		Fair (61- 84)		Good (85 - 94)		Excellent (95 - 100)		Not Rated	
See Appendix for definitions and formulas									
Inspection Date:	8/8/2015	Beginning Section MP	0	1					
Paved Length (Miles):	1.05	Section Length (MI)	1	0.05					
Surface Type:	ASPHALT	Route Summary							
Roadway Condition Information									
Pavement Condition Rating (PCR)	93	93	96						
Surface Condition Rating (SCR)	97	97	96						
Roughness Condition Index (RCI)	86	86	N/A						
Distress Index Values									
Structural Crack Index	100	100	100						
Alligator Crack Index	100	100	100						
Longitudinal Crack Index	100	100	100						
Transverse Cracking Index	100	100	100						
Patching Index	99	99	100						
Rutting Index	97	97	96						
International Roughness Index (IRI)	151	150	N/A						
Lane & Width Information									
Number of Lanes	1	1	1						
Paved Width (ft)	19.6	19.7	18.4						
Lane Width (ft)	14.4	14.5	13.1						

Mount Rainier National Park

ROUTE 0205: COUGAR ROCK CAMPGROUND ENTRANCE ROAD

Data Collection Vehicle (DCV) Rating



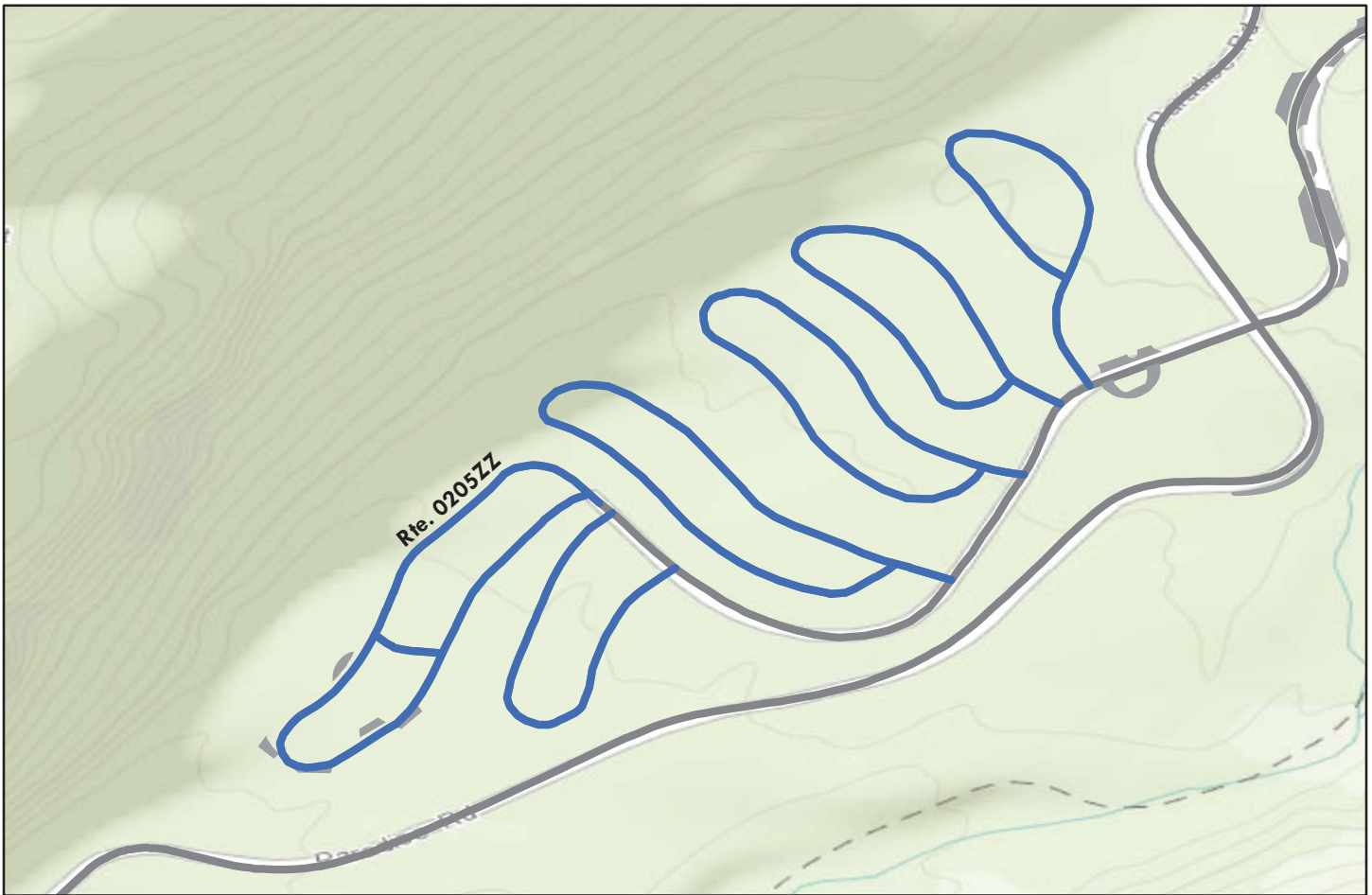
Sources: Esri, DeLorme, NAVTEQ, TomTom, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), swisstopo, and the GIS User Community

Route Condition Legend – Pavement Condition Rating (PCR)						
Poor (0 - 60)	Fair (61- 84)	Good (85 - 94)	Excellent (95 - 100)	Not Rated		
See Appendix for definitions and formulas						
Inspection Date: 8/9/2015	Beginning Section MP	0				
Paved Length (Miles): 0.38	Section Length (MI)	0.38				
Surface Type: ASPHALT	Route Summary					
Roadway Condition Information						
Pavement Condition Rating (PCR)	96	96				
Surface Condition Rating (SCR)	96	96				
Roughness Condition Index (RCI)	N/A	N/A				
Distress Index Values						
Structural Crack Index	100	100				
Alligator Crack Index	100	100				
Longitudinal Crack Index	100	100				
Transverse Cracking Index	100	100				
Patching Index	96	96				
Rutting Index	97	97				
International Roughness Index (IRI)	N/A	N/A				
Lane & Width Information						
Number of Lanes	2	2				
Paved Width (ft)	21	21				
Lane Width (ft)	10.9	10.9				

Mount Rainier National Park

ROUTE 0205ZZ: COUGAR ROCK CAMPGROUND LOOPS

Summary Route



Sources: Esri, DeLorme, NAVTEQ, TomTom, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), swisstopo, and the GIS User Community

Note: The weighted average summary PCR value is calculated from only the sections of road where the PCR was collected. The overall PCR for the summary route may not reflect individual subcomponent ratings.

Route Condition Legend – Pavement Condition Rating (PCR)						
Poor (0 - 60)	Fair (61- 84)	Good (85 - 94)	Excellent (95 - 100)	Not Rated		
See Appendix for definitions and formulas						
Inspection Date:	8/9/2015					
Paved Length (Miles):	1.97					
Surface Type:	ASPHALT	Route Summary				
Roadway Condition Information						
Pavement Condition Rating (PCR)	96					
Lane & Width Information						
Number of Lanes	1					
Paved Width (ft)	13.1					
Lane Width (ft)	12.7					

Mount Rainier National Park

ROUTE 0205AZ: COUGAR ROCK CAMPGROUND LOOP A

Subcomponent of Route MORA-0205ZZ
 Data Collection Vehicle (DCV) Rating



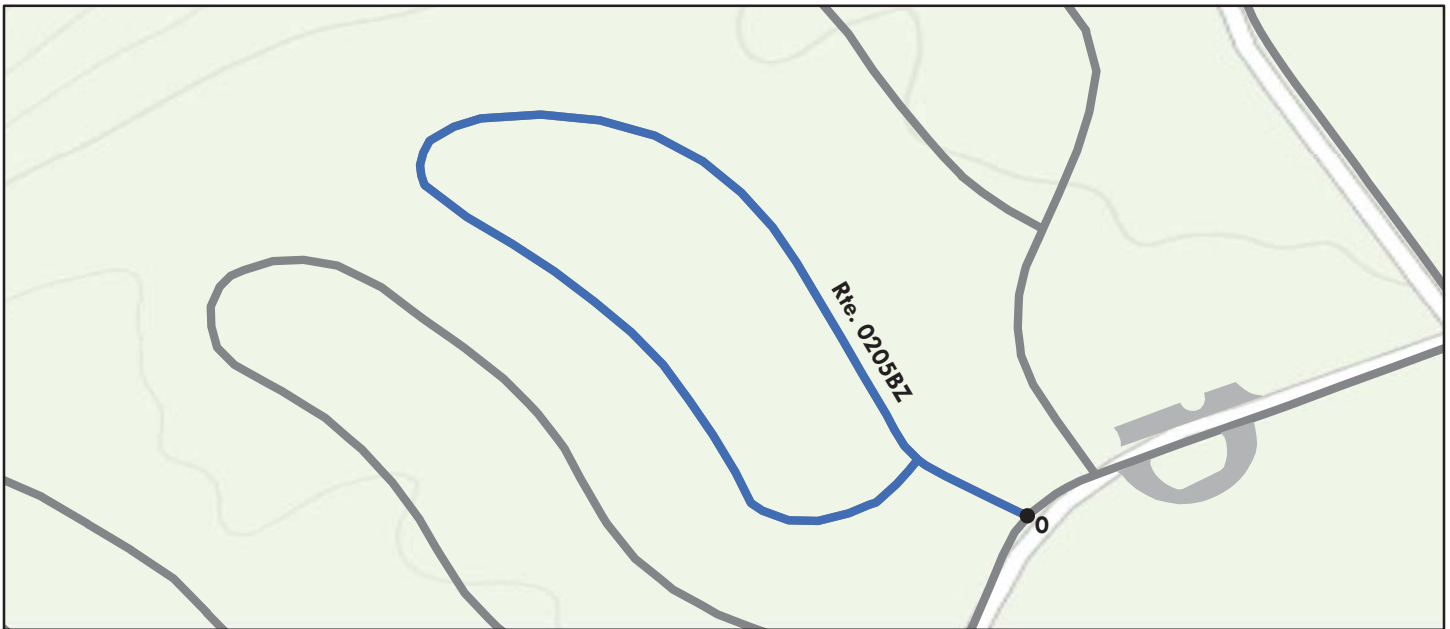
Sources: Esri, DeLorme, NAVTEQ, TomTom, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), swisstopo, and the GIS User Community

Route Condition Legend – Pavement Condition Rating (PCR)						
Poor (0 - 60)	Fair (61- 84)	Good (85 - 94)	Excellent (95 - 100)	Not Rated		
See Appendix for definitions and formulas						
Inspection Date: 8/9/2015	Beginning Section MP	0				
Paved Length (Miles): 0.26	Section Length (MI)	0.26				
Surface Type: ASPHALT	Route Summary					
Roadway Condition Information						
Pavement Condition Rating (PCR)	96	96				
Surface Condition Rating (SCR)	96	96				
Roughness Condition Index (RCI)	N/A	N/A				
Distress Index Values						
Structural Crack Index	100	100				
Alligator Crack Index	100	100				
Longitudinal Crack Index	100	100				
Transverse Cracking Index	100	100				
Patching Index	99	99				
Rutting Index	96	96				
International Roughness Index (IRI)	N/A	N/A				
Lane & Width Information						
Number of Lanes	1	1				
Paved Width (ft)	14.1	14.1				
Lane Width (ft)	11.7	11.7				

Mount Rainier National Park

ROUTE 0205BZ: COUGAR ROCK CAMPGROUND LOOP B

Subcomponent of Route MORA-0205ZZ
 Data Collection Vehicle (DCV) Rating



Sources: Esri, DeLorme, NAVTEQ, TomTom, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), swisstopo, and the GIS User Community

Route Condition Legend – Pavement Condition Rating (PCR)						
Poor (0 - 60)	Fair (61- 84)	Good (85 - 94)	Excellent (95 - 100)	Not Rated		
See Appendix for definitions and formulas						
Inspection Date: 8/9/2015	Beginning Section MP	0				
Paved Length (Miles): 0.29	Section Length (MI)	0.29				
Surface Type: ASPHALT	Route Summary					
Roadway Condition Information						
Pavement Condition Rating (PCR)	96	96				
Surface Condition Rating (SCR)	96	96				
Roughness Condition Index (RCI)	N/A	N/A				
Distress Index Values						
Structural Crack Index	100	100				
Alligator Crack Index	100	100				
Longitudinal Crack Index	100	100				
Transverse Cracking Index	100	100				
Patching Index	100	100				
Rutting Index	96	96				
International Roughness Index (IRI)	N/A	N/A				
Lane & Width Information						
Number of Lanes	1	1				
Paved Width (ft)	13.1	13.1				
Lane Width (ft)	12.3	12.3				

Mount Rainier National Park

ROUTE 0205CZ: COUGAR ROCK CAMPGROUND LOOP C

Subcomponent of Route MORA-0205ZZ
 Data Collection Vehicle (DCV) Rating



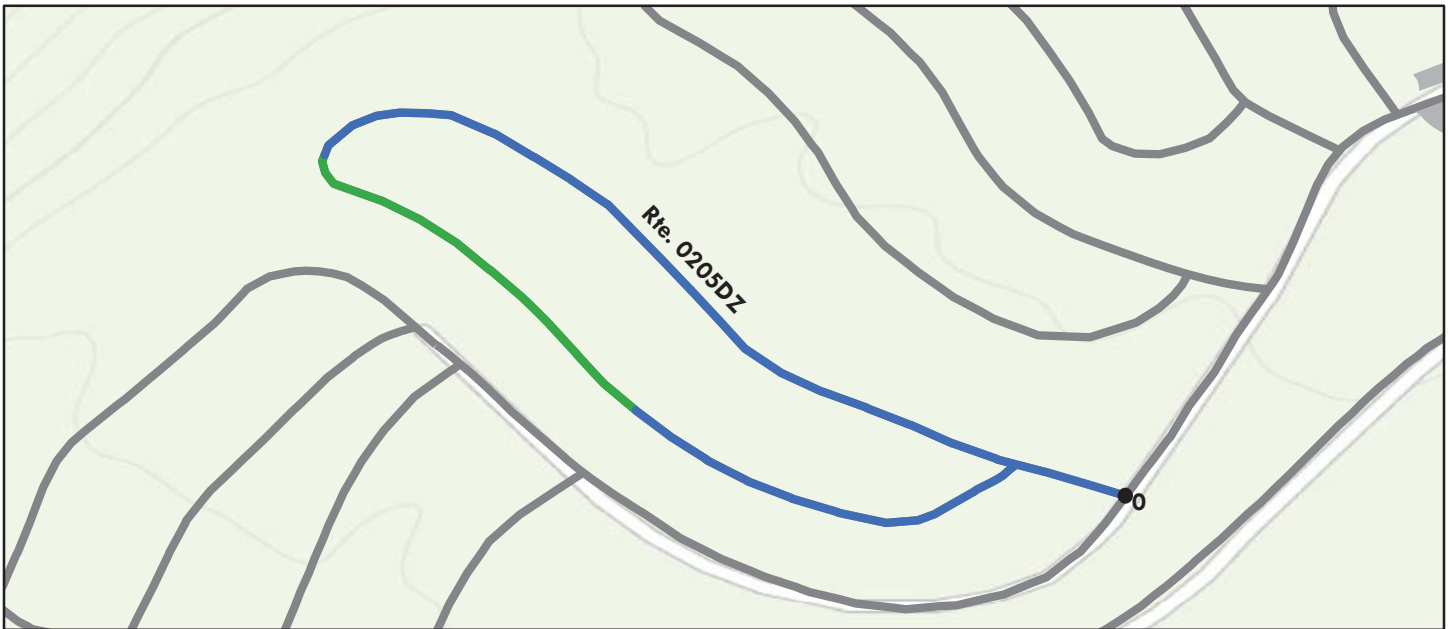
Sources: Esri, DeLorme, NAVTEQ, TomTom, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), swisstopo, and the GIS User Community

Route Condition Legend – Pavement Condition Rating (PCR)						
Poor (0 - 60)	Fair (61- 84)	Good (85 - 94)	Excellent (95 - 100)	Not Rated		
See Appendix for definitions and formulas						
Inspection Date: 8/9/2015	Beginning Section MP	0				
Paved Length (Miles): 0.34	Section Length (MI)	0.34				
Surface Type: ASPHALT	Route Summary					
Roadway Condition Information						
Pavement Condition Rating (PCR)	96	96				
Surface Condition Rating (SCR)	96	96				
Roughness Condition Index (RCI)	N/A	N/A				
Distress Index Values						
Structural Crack Index	100	100				
Alligator Crack Index	100	100				
Longitudinal Crack Index	100	100				
Transverse Cracking Index	99	99				
Patching Index	98	98				
Rutting Index	96	96				
International Roughness Index (IRI)	N/A	N/A				
Lane & Width Information						
Number of Lanes	1	1				
Paved Width (ft)	13.1	13.1				
Lane Width (ft)	13.1	13.1				

Mount Rainier National Park

ROUTE 0205DZ: COUGAR ROCK CAMPGROUND LOOP D

Subcomponent of Route MORA-0205ZZ
 Data Collection Vehicle (DCV) Rating



Sources: Esri, DeLorme, NAVTEQ, TomTom, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), swisstopo, and the GIS User Community

Route Condition Legend – Pavement Condition Rating (PCR)						
Poor (0 - 60)	Fair (61- 84)	Good (85 - 94)	Excellent (95 - 100)	Not Rated		
See Appendix for definitions and formulas						
Inspection Date: 8/9/2015	Beginning Section MP	0				
Paved Length (Miles): 0.4	Section Length (MI)	0.4				
Surface Type: ASPHALT	Route Summary					
Roadway Condition Information						
Pavement Condition Rating (PCR)	97	97				
Surface Condition Rating (SCR)	97	97				
Roughness Condition Index (RCI)	N/A	N/A				
Distress Index Values						
Structural Crack Index	100	100				
Alligator Crack Index	100	100				
Longitudinal Crack Index	100	100				
Transverse Cracking Index	100	100				
Patching Index	100	100				
Rutting Index	97	97				
International Roughness Index (IRI)	N/A	N/A				
Lane & Width Information						
Number of Lanes	1	1				
Paved Width (ft)	14	14				
Lane Width (ft)	14	14				

Mount Rainier National Park

ROUTE 0205EZ: COUGAR ROCK CAMPGROUND LOOPE

Subcomponent of Route MORA-0205ZZ
Data Collection Vehicle (DCV) Rating



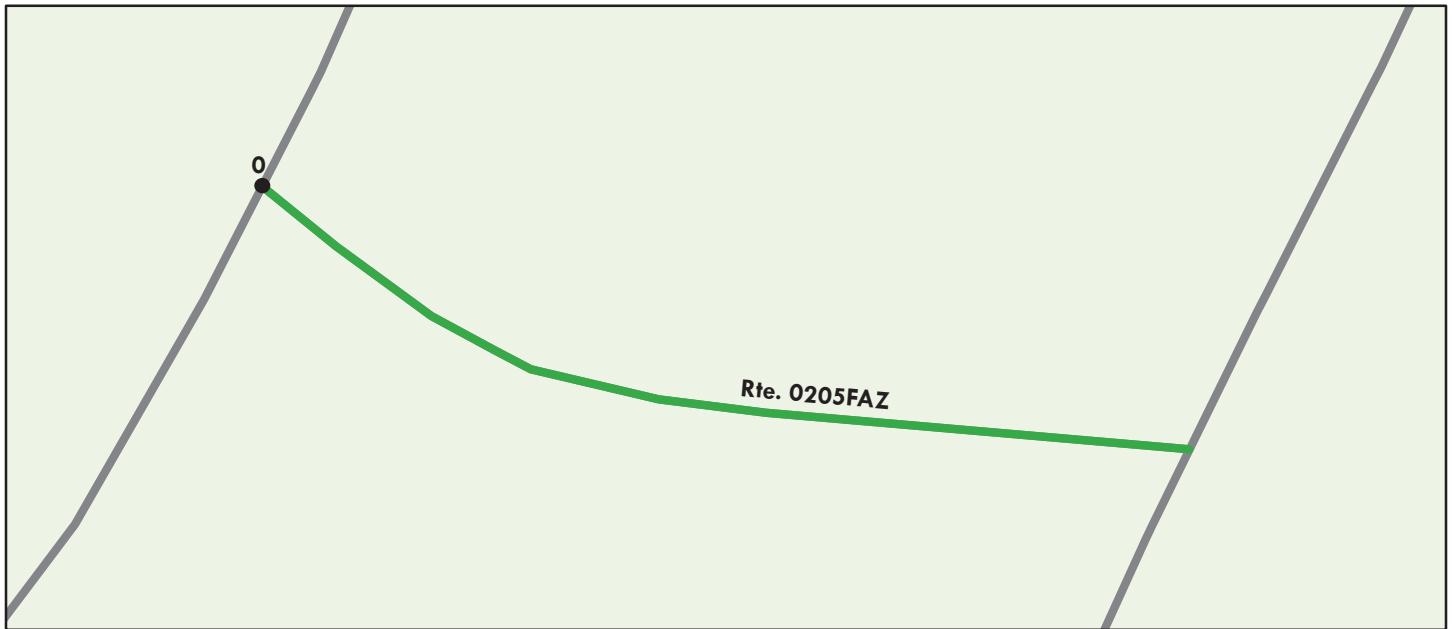
Sources: Esri, DeLorme, NAVTEQ, TomTom, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), swisstopo, and the GIS User Community

Route Condition Legend – Pavement Condition Rating (PCR)						
Poor (0 - 60)	Fair (61- 84)	Good (85 - 94)	Excellent (95 - 100)	Not Rated		
See Appendix for definitions and formulas						
Inspection Date: 8/9/2015	Beginning Section MP	0				
Paved Length (Miles): 0.23	Section Length (MI)	0.23				
Surface Type: ASPHALT	Route Summary					
Roadway Condition Information						
Pavement Condition Rating (PCR)	95	95				
Surface Condition Rating (SCR)	95	95				
Roughness Condition Index (RCI)	N/A	N/A				
Distress Index Values						
Structural Crack Index	100	100				
Alligator Crack Index	100	100				
Longitudinal Crack Index	100	100				
Transverse Cracking Index	100	100				
Patching Index	100	100				
Rutting Index	95	95				
International Roughness Index (IRI)	N/A	N/A				
Lane & Width Information						
Number of Lanes	1	1				
Paved Width (ft)	12.2	12.2				
Lane Width (ft)	12.2	12.2				

Mount Rainier National Park

ROUTE 0205FAZ: COUGAR ROCK CAMPGROUND LOOP F BISECTOR

Subcomponent of Route MORA-0205ZZ
 Data Collection Vehicle (DCV) Rating



Sources: Esri, DeLorme, NAVTEQ, TomTom, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), swisstopo, and the GIS User Community

Route Condition Legend – Pavement Condition Rating (PCR)						
Poor (0 - 60)	Fair (61- 84)	Good (85 - 94)	Excellent (95 - 100)	Not Rated		
See Appendix for definitions and formulas						
Inspection Date: 8/9/2015	Beginning Section MP	0				
Paved Length (Miles): 0.02	Section Length (MI)	0.02				
Surface Type: ASPHALT	Route Summary					
Roadway Condition Information						
Pavement Condition Rating (PCR)	93	93				
Surface Condition Rating (SCR)	93	93				
Roughness Condition Index (RCI)	N/A	N/A				
Distress Index Values						
Structural Crack Index	100	100				
Alligator Crack Index	100	100				
Longitudinal Crack Index	100	100				
Transverse Cracking Index	100	100				
Patching Index	100	100				
Rutting Index	93	93				
International Roughness Index (IRI)	N/A	N/A				
Lane & Width Information						
Number of Lanes	1	1				
Paved Width (ft)	12.6	12.6				
Lane Width (ft)	12.6	12.6				

Mount Rainier National Park

ROUTE 0205FZ: COUGAR ROCK CAMPGROUND LOOP F

Subcomponent of Route MORA-0205ZZ
 Data Collection Vehicle (DCV) Rating



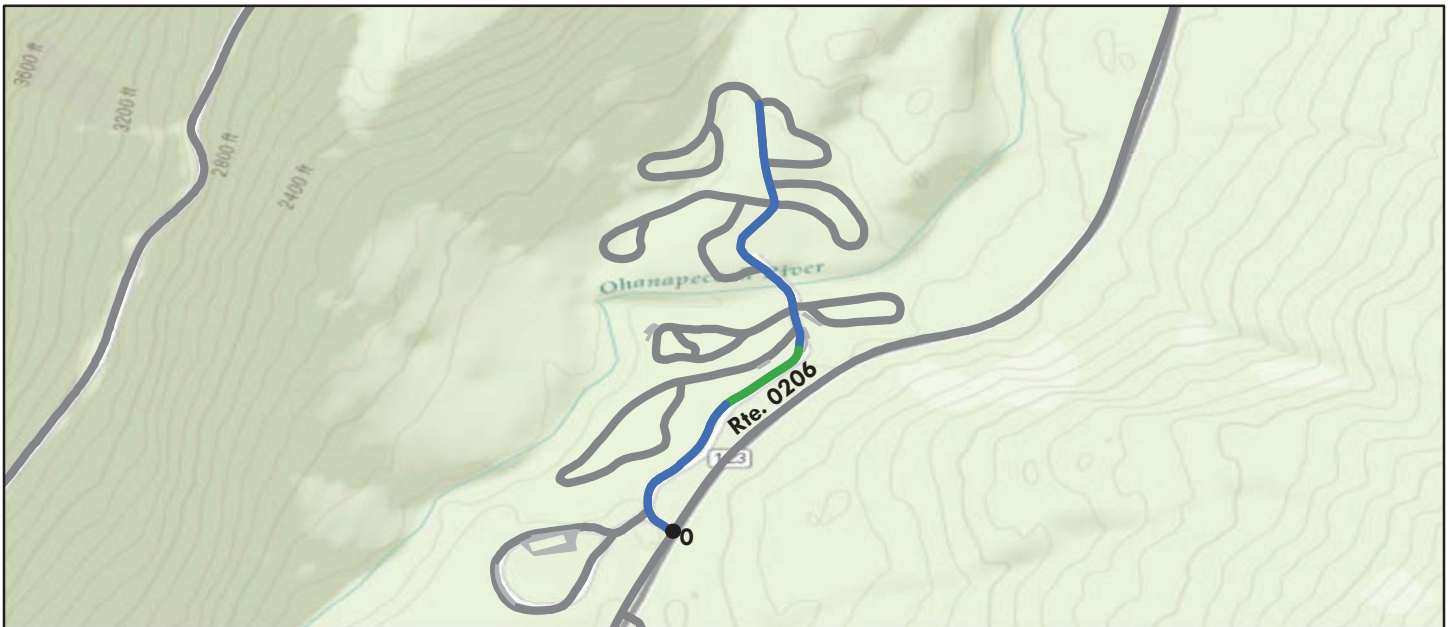
Sources: Esri, DeLorme, NAVTEQ, TomTom, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), swisstopo, and the GIS User Community

Route Condition Legend – Pavement Condition Rating (PCR)						
Poor (0 - 60)	Fair (61- 84)	Good (85 - 94)	Excellent (95 - 100)	Not Rated		
See Appendix for definitions and formulas						
Inspection Date: 8/9/2015	Beginning Section MP	0				
Paved Length (Miles): 0.43	Section Length (MI)	0.43				
Surface Type: ASPHALT	Route Summary					
Roadway Condition Information						
Pavement Condition Rating (PCR)	95	95				
Surface Condition Rating (SCR)	95	95				
Roughness Condition Index (RCI)	N/A	N/A				
Distress Index Values						
Structural Crack Index	100	100				
Alligator Crack Index	100	100				
Longitudinal Crack Index	100	100				
Transverse Cracking Index	100	100				
Patching Index	95	95				
Rutting Index	95	95				
International Roughness Index (IRI)	N/A	N/A				
Lane & Width Information						
Number of Lanes	1	1				
Paved Width (ft)	12.2	12.2				
Lane Width (ft)	12.2	12.2				

Mount Rainier National Park

ROUTE 0206: OHANA CAMPGROUND ENTRANCE ROAD

Data Collection Vehicle (DCV) Rating



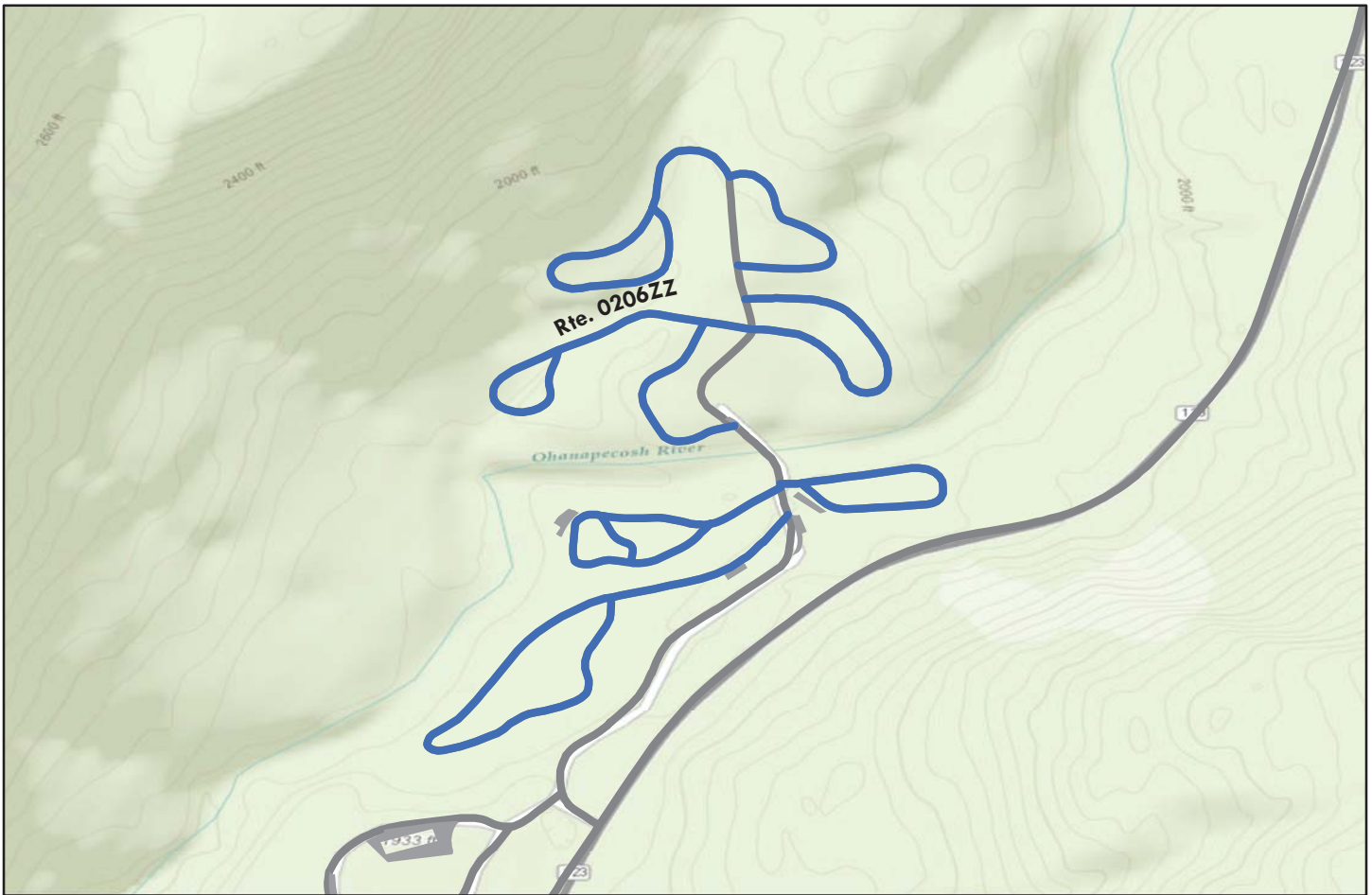
Sources: Esri, DeLorme, NAVTEQ, TomTom, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), swisstopo, and the GIS User Community

Route Condition Legend – Pavement Condition Rating (PCR)						
Poor (0 - 60)	Fair (61- 84)	Good (85 - 94)	Excellent (95 - 100)	Not Rated		
See Appendix for definitions and formulas						
Inspection Date: 8/8/2015	Beginning Section MP	0				
Paved Length (Miles): 0.64	Section Length (MI)	0.64				
Surface Type: ASPHALT	Route Summary					
Roadway Condition Information						
Pavement Condition Rating (PCR)	96	96				
Surface Condition Rating (SCR)	96	96				
Roughness Condition Index (RCI)	N/A	N/A				
Distress Index Values						
Structural Crack Index	100	100				
Alligator Crack Index	100	100				
Longitudinal Crack Index	100	100				
Transverse Cracking Index	100	100				
Patching Index	99	99				
Rutting Index	96	96				
International Roughness Index (IRI)	N/A	N/A				
Lane & Width Information						
Number of Lanes	2	2				
Paved Width (ft)	21.8	21.8				
Lane Width (ft)	11.3	11.3				

Mount Rainier National Park

ROUTE 0206ZZ: OHANA CAMPGROUND LOOPS

Summary Route



Sources: Esri, DeLorme, NAVTEQ, TomTom, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), swisstopo, and the GIS User Community

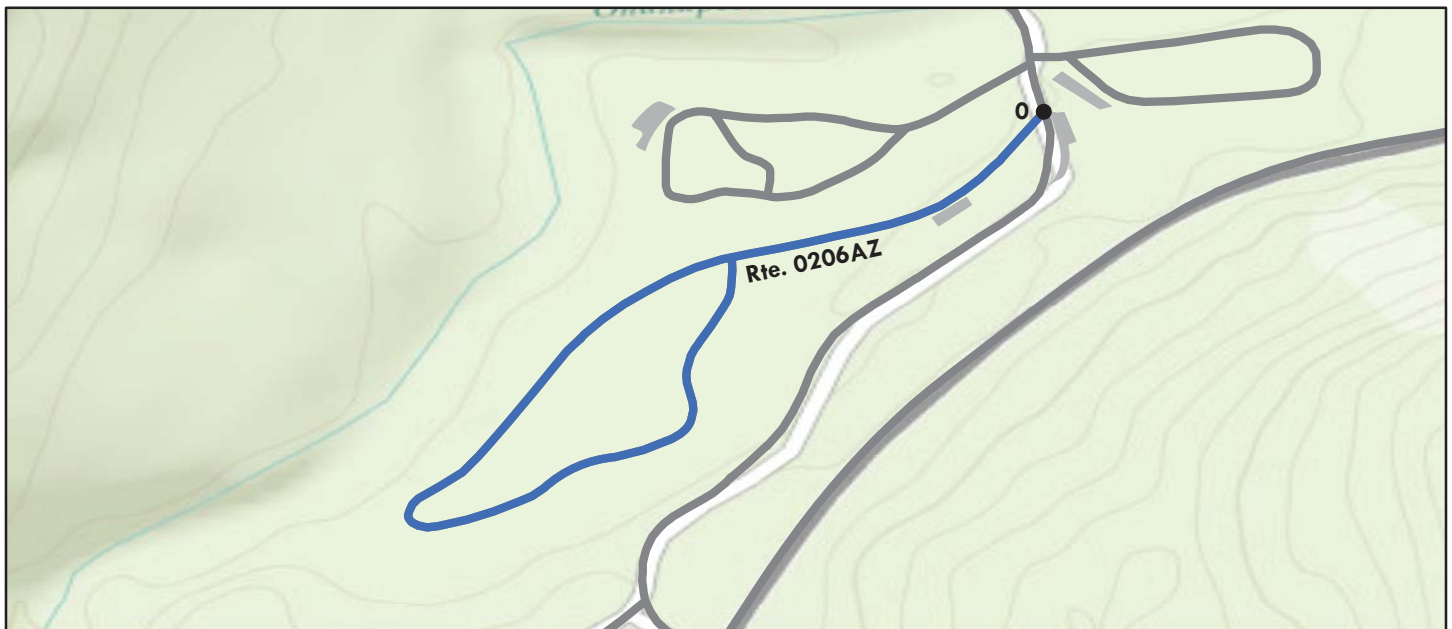
Note: The weighted average summary PCR value is calculated from only the sections of road where the PCR was collected. The overall PCR for the summary route may not reflect individual subcomponent ratings.

Route Condition Legend – Pavement Condition Rating (PCR)						
Poor (0 - 60)	Fair (61- 84)	Good (85 - 94)	Excellent (95 - 100)	Not Rated		
See Appendix for definitions and formulas						
Inspection Date:	8/8/2015					
Paved Length (Miles):	2.08					
Surface Type:	ASPHALT	Route Summary				
Roadway Condition Information						
Pavement Condition Rating (PCR)	96					
Lane & Width Information						
Number of Lanes	1					
Paved Width (ft)	13.7					
Lane Width (ft)	11.8					

Mount Rainier National Park

ROUTE 0206AZ: OHANA CAMPGROUND LOOP A

Subcomponent of Route MORA-0206ZZ
Data Collection Vehicle (DCV) Rating



Sources: Esri, DeLorme, NAVTEQ, TomTom, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), swisstopo, and the GIS User Community

Route Condition Legend – Pavement Condition Rating (PCR)						
Poor (0 - 60)	Fair (61- 84)	Good (85 - 94)	Excellent (95 - 100)	Not Rated		
See Appendix for definitions and formulas						
Inspection Date: 8/8/2015	Beginning Section MP	0				
Paved Length (Miles): 0.48	Section Length (MI)	0.48				
Surface Type: ASPHALT	Route Summary					
Roadway Condition Information						
Pavement Condition Rating (PCR)	97	97				
Surface Condition Rating (SCR)	97	97				
Roughness Condition Index (RCI)	N/A	N/A				
Distress Index Values						
Structural Crack Index	100	100				
Alligator Crack Index	100	100				
Longitudinal Crack Index	100	100				
Transverse Cracking Index	100	100				
Patching Index	100	100				
Rutting Index	97	97				
International Roughness Index (IRI)	N/A	N/A				
Lane & Width Information						
Number of Lanes	1	1				
Paved Width (ft)	13.3	13.3				
Lane Width (ft)	10.8	10.8				

Mount Rainier National Park

ROUTE 0206BZ: OHANA CAMPGROUND LOOP B

Subcomponent of Route MORA-0206ZZ
Data Collection Vehicle (DCV) Rating



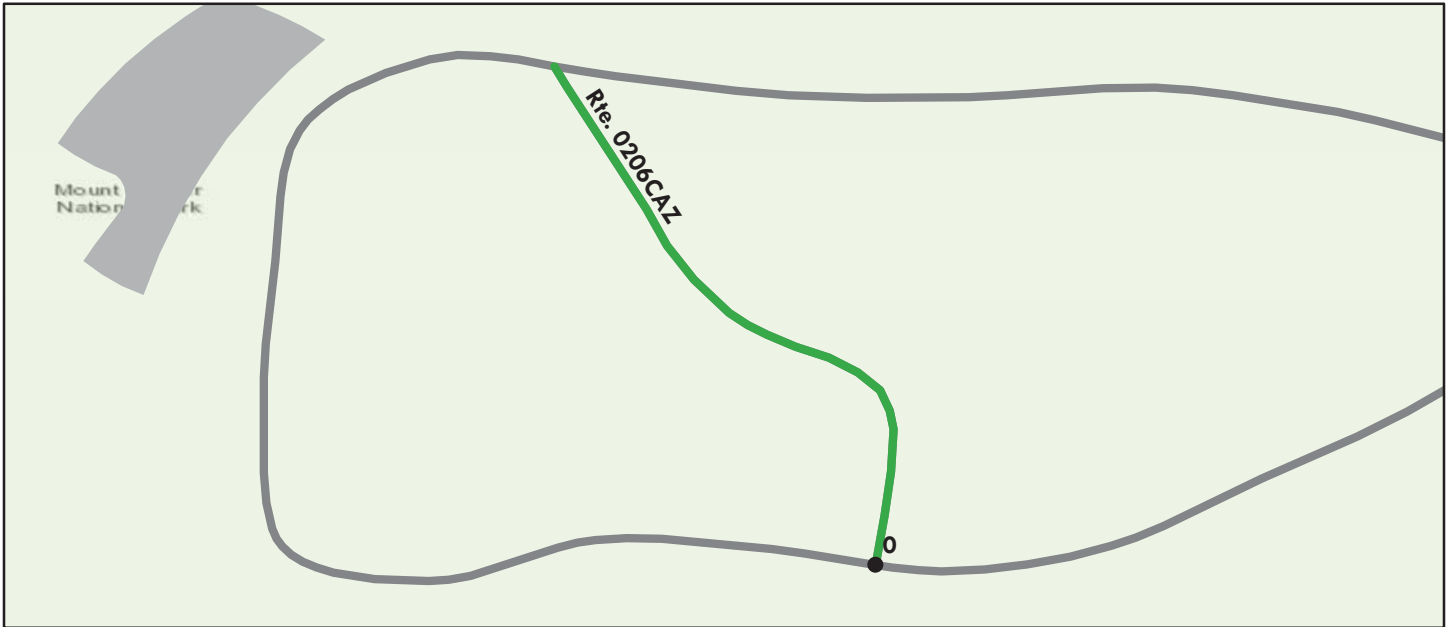
Sources: Esri, DeLorme, NAVTEQ, TomTom, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), swisstopo, and the GIS User Community

Route Condition Legend – Pavement Condition Rating (PCR)						
Poor (0 - 60)	Fair (61- 84)	Good (85 - 94)	Excellent (95 - 100)	Not Rated		
See Appendix for definitions and formulas						
Inspection Date: 8/8/2015	Beginning Section MP	0				
Paved Length (Miles): 0.21	Section Length (MI)	0.21				
Surface Type: ASPHALT	Route Summary					
Roadway Condition Information						
Pavement Condition Rating (PCR)	91	91				
Surface Condition Rating (SCR)	91	91				
Roughness Condition Index (RCI)	N/A	N/A				
Distress Index Values						
Structural Crack Index	99	99				
Alligator Crack Index	100	100				
Longitudinal Crack Index	99	99				
Transverse Cracking Index	100	100				
Patching Index	98	98				
Rutting Index	91	91				
International Roughness Index (IRI)	N/A	N/A				
Lane & Width Information						
Number of Lanes	1	1				
Paved Width (ft)	16.6	16.6				
Lane Width (ft)	16.6	16.6				

Mount Rainier National Park

ROUTE 0206CAZ: OHANA CAMPGROUND LOOP C BISECTOR

Subcomponent of Route MORA-0206ZZ
 Data Collection Vehicle (DCV) Rating



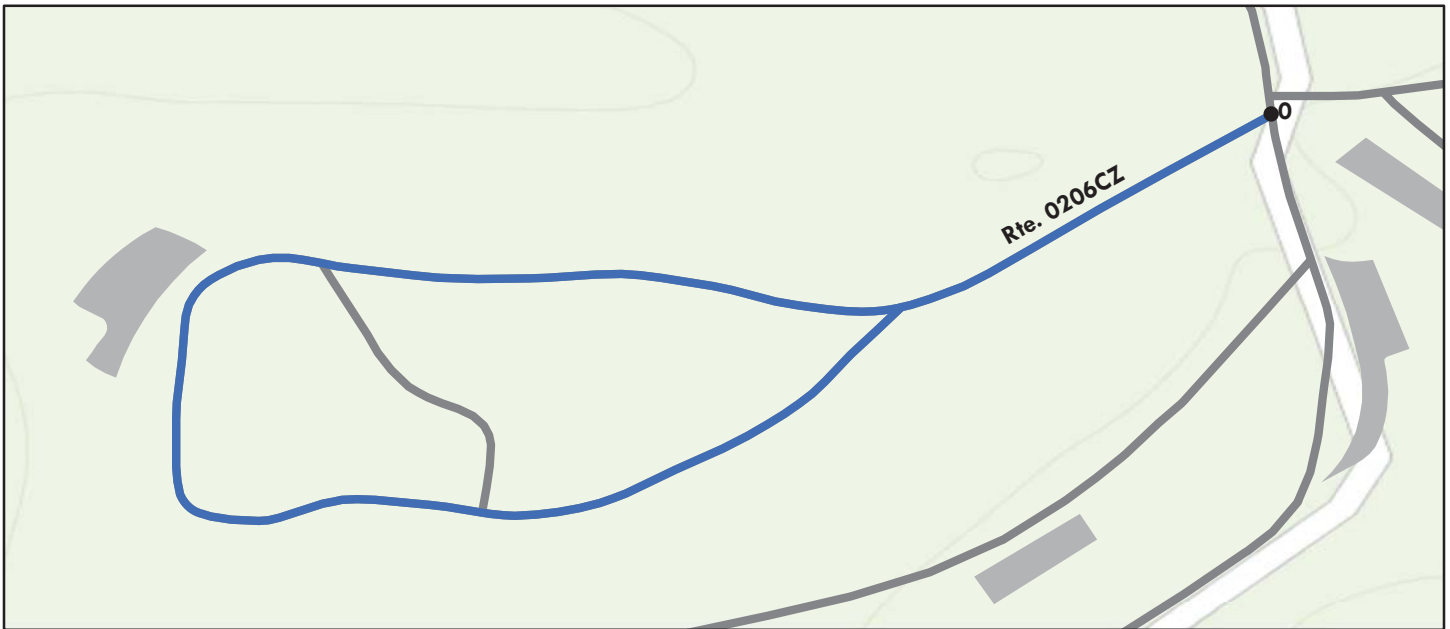
Sources: Esri, DeLorme, NAVTEQ, TomTom, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), swisstopo, and the GIS User Community

Route Condition Legend – Pavement Condition Rating (PCR)						
Poor (0 - 60)	Fair (61- 84)	Good (85 - 94)	Excellent (95 - 100)	Not Rated		
See Appendix for definitions and formulas						
Inspection Date: 8/8/2015	Beginning Section MP	0				
Paved Length (Miles): 0.04	Section Length (MI)	0.04				
Surface Type: ASPHALT	Route Summary					
Roadway Condition Information						
Pavement Condition Rating (PCR)	93	93				
Surface Condition Rating (SCR)	93	93				
Roughness Condition Index (RCI)	N/A	N/A				
Distress Index Values						
Structural Crack Index	100	100				
Alligator Crack Index	100	100				
Longitudinal Crack Index	100	100				
Transverse Cracking Index	100	100				
Patching Index	100	100				
Rutting Index	93	93				
International Roughness Index (IRI)	N/A	N/A				
Lane & Width Information						
Number of Lanes	1	1				
Paved Width (ft)	11.3	11.3				
Lane Width (ft)	11.3	11.3				

Mount Rainier National Park

ROUTE 0206CZ: OHANA CAMPGROUND LOOP C

Subcomponent of Route MORA-0206ZZ
Data Collection Vehicle (DCV) Rating



Sources: Esri, DeLorme, NAVTEQ, TomTom, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), swisstopo, and the GIS User Community

Route Condition Legend – Pavement Condition Rating (PCR)						
Poor (0 - 60)	Fair (61- 84)	Good (85 - 94)	Excellent (95 - 100)	Not Rated		
See Appendix for definitions and formulas						
Inspection Date: 8/8/2015	Beginning Section MP	0				
Paved Length (Miles): 0.25	Section Length (MI)	0.25				
Surface Type: ASPHALT	Route Summary					
Roadway Condition Information						
Pavement Condition Rating (PCR)	97	97				
Surface Condition Rating (SCR)	97	97				
Roughness Condition Index (RCI)	N/A	N/A				
Distress Index Values						
Structural Crack Index	100	100				
Alligator Crack Index	100	100				
Longitudinal Crack Index	100	100				
Transverse Cracking Index	100	100				
Patching Index	100	100				
Rutting Index	97	97				
International Roughness Index (IRI)	N/A	N/A				
Lane & Width Information						
Number of Lanes	1	1				
Paved Width (ft)	13.9	13.9				
Lane Width (ft)	11.1	11.1				

Mount Rainier National Park

ROUTE 0206DZ: OHANA CAMPGROUND LOOP D

Subcomponent of Route MORA-0206ZZ
Data Collection Vehicle (DCV) Rating



Sources: Esri, DeLorme, NAVTEQ, TomTom, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), swisstopo, and the GIS User Community

Route Condition Legend – Pavement Condition Rating (PCR)						
Poor (0 - 60)	Fair (61- 84)	Good (85 - 94)	Excellent (95 - 100)	Not Rated		
See Appendix for definitions and formulas						
Inspection Date: 8/8/2015	Beginning Section MP	0				
Paved Length (Miles): 0.15	Section Length (MI)	0.15				
Surface Type: ASPHALT	Route Summary					
Roadway Condition Information						
Pavement Condition Rating (PCR)	96	96				
Surface Condition Rating (SCR)	96	96				
Roughness Condition Index (RCI)	N/A	N/A				
Distress Index Values						
Structural Crack Index	100	100				
Alligator Crack Index	100	100				
Longitudinal Crack Index	100	100				
Transverse Cracking Index	100	100				
Patching Index	100	100				
Rutting Index	96	96				
International Roughness Index (IRI)	N/A	N/A				
Lane & Width Information						
Number of Lanes	1	1				
Paved Width (ft)	12.2	12.2				
Lane Width (ft)	12.2	12.2				

Mount Rainier National Park

ROUTE 0206EZ: OHANA CAMPGROUND LOOP E

Subcomponent of Route MORA-0206ZZ
 Data Collection Vehicle (DCV) Rating



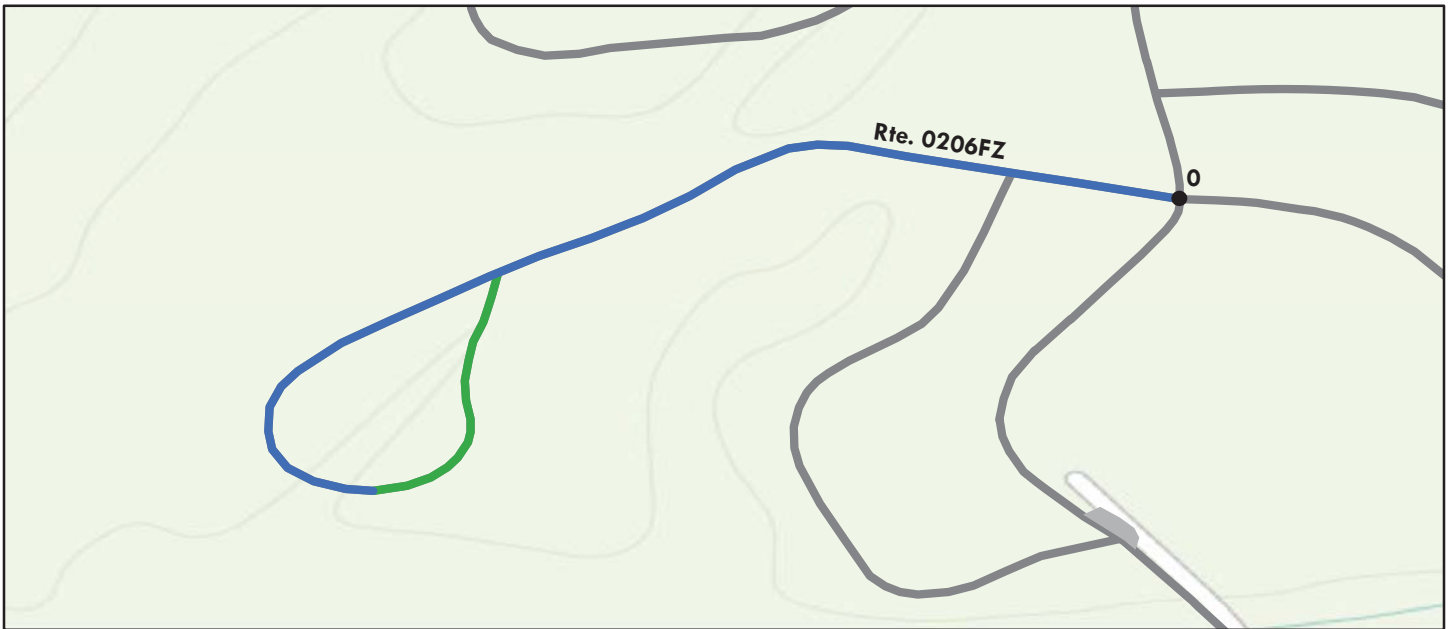
Sources: Esri, DeLorme, NAVTEQ, TomTom, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), swisstopo, and the GIS User Community

Route Condition Legend – Pavement Condition Rating (PCR)						
Poor (0 - 60)	Fair (61- 84)	Good (85 - 94)	Excellent (95 - 100)	Not Rated		
See Appendix for definitions and formulas						
Inspection Date: 8/8/2015	Beginning Section MP	0				
Paved Length (Miles): 0.23	Section Length (MI)	0.23				
Surface Type: ASPHALT	Route Summary					
Roadway Condition Information						
Pavement Condition Rating (PCR)	98	98				
Surface Condition Rating (SCR)	98	98				
Roughness Condition Index (RCI)	N/A	N/A				
Distress Index Values						
Structural Crack Index	100	100				
Alligator Crack Index	100	100				
Longitudinal Crack Index	100	100				
Transverse Cracking Index	100	100				
Patching Index	100	100				
Rutting Index	98	98				
International Roughness Index (IRI)	N/A	N/A				
Lane & Width Information						
Number of Lanes	1	1				
Paved Width (ft)	11.8	11.8				
Lane Width (ft)	11.8	11.8				

Mount Rainier National Park

ROUTE 0206FZ: OHANA CAMPGROUND LOOP F

Subcomponent of Route MORA-0206ZZ
Data Collection Vehicle (DCV) Rating



Sources: Esri, DeLorme, NAVTEQ, TomTom, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), swisstopo, and the GIS User Community

Route Condition Legend – Pavement Condition Rating (PCR)						
Poor (0 - 60)	Fair (61- 84)	Good (85 - 94)	Excellent (95 - 100)	Not Rated		
See Appendix for definitions and formulas						
Inspection Date: 8/8/2015	Beginning Section MP	0				
Paved Length (Miles): 0.25	Section Length (MI)	0.25				
Surface Type: ASPHALT	Route Summary					
Roadway Condition Information						
Pavement Condition Rating (PCR)	94	94				
Surface Condition Rating (SCR)	94	94				
Roughness Condition Index (RCI)	N/A	N/A				
Distress Index Values						
Structural Crack Index	100	100				
Alligator Crack Index	100	100				
Longitudinal Crack Index	100	100				
Transverse Cracking Index	100	100				
Patching Index	100	100				
Rutting Index	94	94				
International Roughness Index (IRI)	N/A	N/A				
Lane & Width Information						
Number of Lanes	1	1				
Paved Width (ft)	14.6	14.6				
Lane Width (ft)	10.5	10.5				

Mount Rainier National Park

ROUTE 0206GZ: OHANA CAMPGROUND LOOP G

Subcomponent of Route MORA-0206ZZ
Data Collection Vehicle (DCV) Rating



Sources: Esri, DeLorme, NAVTEQ, TomTom, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), swisstopo, and the GIS User Community

Route Condition Legend – Pavement Condition Rating (PCR)						
Poor (0 - 60)	Fair (61- 84)	Good (85 - 94)	Excellent (95 - 100)	Not Rated		
See Appendix for definitions and formulas						
Inspection Date: 8/8/2015	Beginning Section MP	0				
Paved Length (Miles): 0.31	Section Length (MI)	0.31				
Surface Type: ASPHALT	Route Summary					
Roadway Condition Information						
Pavement Condition Rating (PCR)	97	97				
Surface Condition Rating (SCR)	97	97				
Roughness Condition Index (RCI)	N/A	N/A				
Distress Index Values						
Structural Crack Index	100	100				
Alligator Crack Index	100	100				
Longitudinal Crack Index	100	100				
Transverse Cracking Index	100	100				
Patching Index	100	100				
Rutting Index	97	97				
International Roughness Index (IRI)	N/A	N/A				
Lane & Width Information						
Number of Lanes	1	1				
Paved Width (ft)	15.3	15.3				
Lane Width (ft)	12	12				

Mount Rainier National Park

ROUTE 0206HZ: OHANA CAMPGROUND LOOP H

Subcomponent of Route MORA-0206ZZ
Data Collection Vehicle (DCV) Rating



Sources: Esri, DeLorme, NAVTEQ, TomTom, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), swisstopo, and the GIS User Community

Route Condition Legend – Pavement Condition Rating (PCR)						
Poor (0 - 60)	Fair (61- 84)	Good (85 - 94)	Excellent (95 - 100)	Not Rated		
See Appendix for definitions and formulas						
Inspection Date: 8/8/2015	Beginning Section MP	0				
Paved Length (Miles): 0.16	Section Length (MI)	0.16				
Surface Type: ASPHALT	Route Summary					
Roadway Condition Information						
Pavement Condition Rating (PCR)	96	96				
Surface Condition Rating (SCR)	96	96				
Roughness Condition Index (RCI)	N/A	N/A				
Distress Index Values						
Structural Crack Index	100	100				
Alligator Crack Index	100	100				
Longitudinal Crack Index	100	100				
Transverse Cracking Index	100	100				
Patching Index	100	100				
Rutting Index	96	96				
International Roughness Index (IRI)	N/A	N/A				
Lane & Width Information						
Number of Lanes	1	1				
Paved Width (ft)	11	11				
Lane Width (ft)	11	11				

Mount Rainier National Park

ROUTE 0209: SUNRISE PICNIC AREA ROAD

Data Collection Vehicle (DCV) Rating



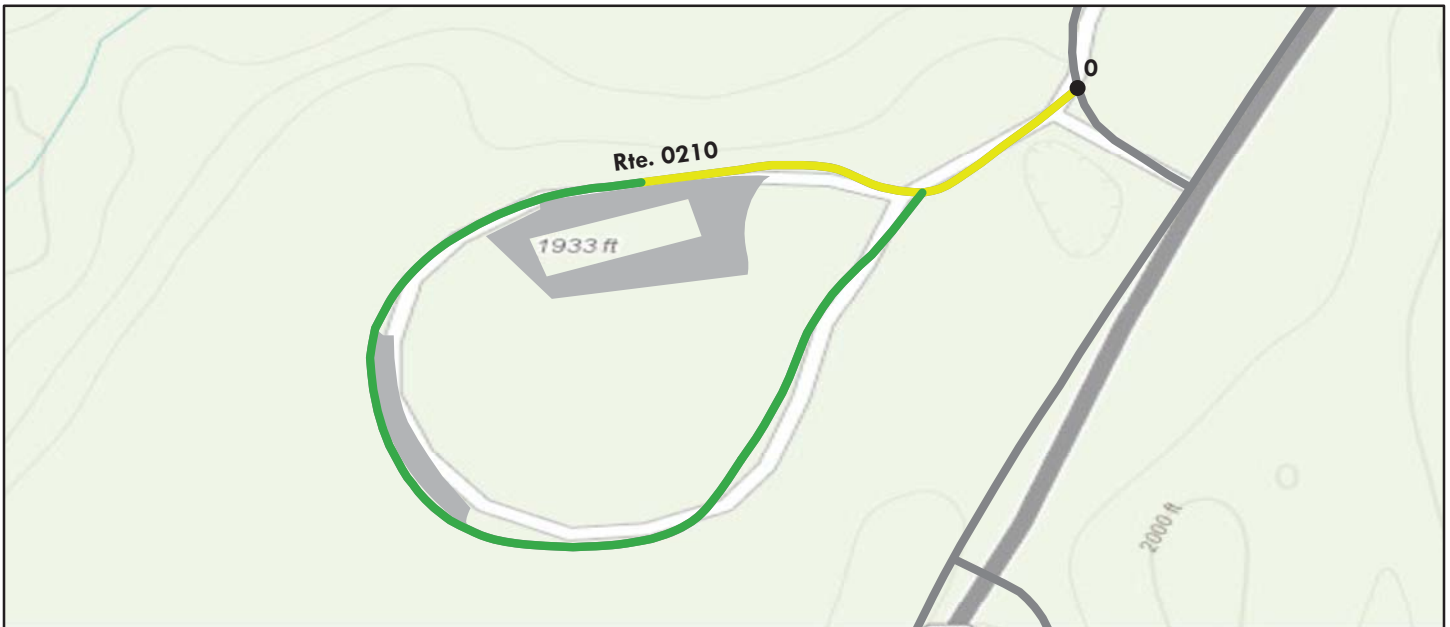
Sources: Esri, DeLorme, NAVTEQ, TomTom, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), swisstopo, and the GIS User Community

Route Condition Legend – Pavement Condition Rating (PCR)						
Poor (0 - 60)	Fair (61- 84)	Good (85 - 94)	Excellent (95 - 100)	Not Rated		
See Appendix for definitions and formulas						
Inspection Date: 8/8/2015	Beginning Section MP	0				
Paved Length (Miles): 0.38	Section Length (MI)	0.38				
Surface Type: ASPHALT	Route Summary					
Roadway Condition Information						
Pavement Condition Rating (PCR)	84	84				
Surface Condition Rating (SCR)	84	84				
Roughness Condition Index (RCI)	N/A	N/A				
Distress Index Values						
Structural Crack Index	90	90				
Alligator Crack Index	98	98				
Longitudinal Crack Index	92	92				
Transverse Cracking Index	99	99				
Patching Index	95	95				
Rutting Index	84	84				
International Roughness Index (IRI)	N/A	N/A				
Lane & Width Information						
Number of Lanes	2	2				
Paved Width (ft)	15.7	15.7				
Lane Width (ft)	7.9	7.9				

Mount Rainier National Park

ROUTE 0210: OHANA RANGER STATION ENTRANCE ROAD

Data Collection Vehicle (DCV) Rating



Sources: Esri, DeLorme, NAVTEQ, TomTom, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), swisstopo, and the GIS User Community

Route Condition Legend – Pavement Condition Rating (PCR)						
Poor (0 - 60)	Fair (61- 84)	Good (85 - 94)	Excellent (95 - 100)	Not Rated		
See Appendix for definitions and formulas						
Inspection Date: 8/8/2015	Beginning Section MP	0				
Paved Length (Miles): 0.38	Section Length (MI)	0.38				
Surface Type: ASPHALT	Route Summary					
Roadway Condition Information						
Pavement Condition Rating (PCR)	85	85				
Surface Condition Rating (SCR)	85	85				
Roughness Condition Index (RCI)	N/A	N/A				
Distress Index Values						
Structural Crack Index	96	96				
Alligator Crack Index	100	100				
Longitudinal Crack Index	96	96				
Transverse Cracking Index	97	97				
Patching Index	85	85				
Rutting Index	96	96				
International Roughness Index (IRI)	N/A	N/A				
Lane & Width Information						
Number of Lanes	2	2				
Paved Width (ft)	17.6	17.6				
Lane Width (ft)	8.8	8.8				

Mount Rainier National Park

ROUTE 0211: COUGAR ROCK PICNIC AREA ROAD

Data Collection Vehicle (DCV) Rating



Sources: Esri, DeLorme, NAVTEQ, TomTom, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), swisstopo, and the GIS User Community

Route Condition Legend – Pavement Condition Rating (PCR)						
Poor (0 - 60)	Fair (61- 84)	Good (85 - 94)	Excellent (95 - 100)	Not Rated		
See Appendix for definitions and formulas						
Inspection Date: 8/9/2015	Beginning Section MP	0				
Paved Length (Miles): 0.29	Section Length (MI)	0.29				
Surface Type: ASPHALT	Route Summary					
Roadway Condition Information						
Pavement Condition Rating (PCR)	96	96				
Surface Condition Rating (SCR)	96	96				
Roughness Condition Index (RCI)	N/A	N/A				
Distress Index Values						
Structural Crack Index	100	100				
Alligator Crack Index	100	100				
Longitudinal Crack Index	100	100				
Transverse Cracking Index	100	100				
Patching Index	100	100				
Rutting Index	96	96				
International Roughness Index (IRI)	N/A	N/A				
Lane & Width Information						
Number of Lanes	2	2				
Paved Width (ft)	17.8	17.8				
Lane Width (ft)	10	10				

Mount Rainier National Park

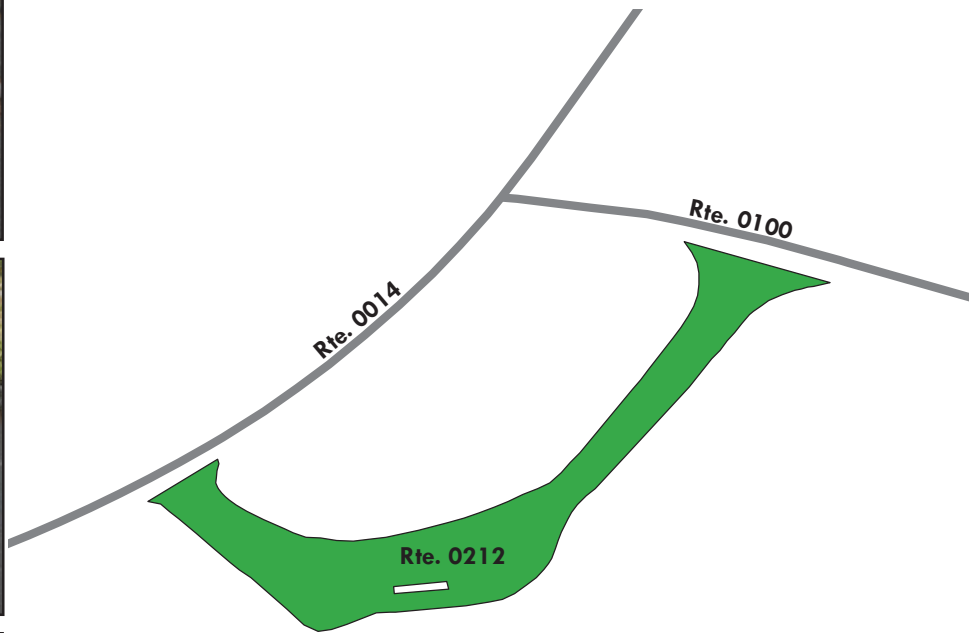
ROUTE 0212: LONGMIRE HISTORIC GAS STATION ENTRANCE LOOP

Manual Rating

FROM ROUTE 0014 (STATE ROUTE 706 (NISQUALLY ROAD)) AT MP 6.42

TO ROUTE 0100 (LONGMIRE SOUTH BACK GATE ROAD)

Inspection Date	FMSS Number	User Access	Surface Type
8/9/2015	103903	PUBLIC	ASPHALT
Area (Sq. Ft.)	Lane Miles (11' Widths)	Pavement Recommendation	
5,871	0.101	PREVENTIVE MAINTENANCE	
Condition Rating / PCR			
GOOD / 90			
Route Condition Legend – Pavement Condition Rating (PCR)			
Poor (0 - 60)	Fair (61- 84)	Good (85 - 94)	Excellent (95 - 100)
See Appendix for definitions and formulas			



Mount Rainier National Park

ROUTE 0400: TAHOMA WOODS ADMIN ENTRANCE ROAD

Data Collection Vehicle (DCV) Rating



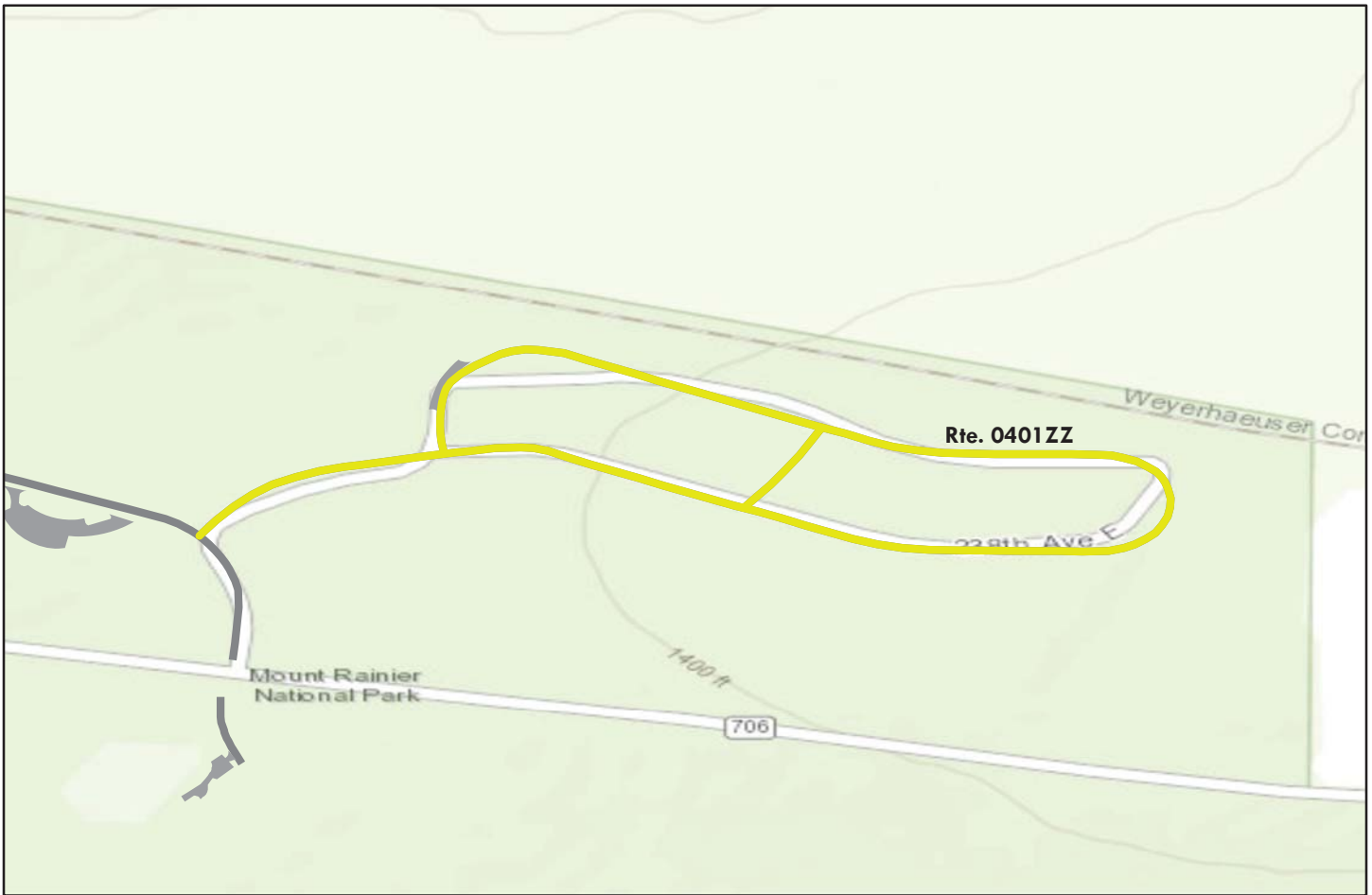
Sources: Esri, DeLorme, NAVTEQ, TomTom, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), swisstopo, and the GIS User Community

Route Condition Legend – Pavement Condition Rating (PCR)						
Poor (0 - 60)	Fair (61- 84)	Good (85 - 94)	Excellent (95 - 100)	Not Rated		
See Appendix for definitions and formulas						
Inspection Date: 8/7/2015	Beginning Section MP	0				
Paved Length (Miles): 0.32	Section Length (MI)	0.32				
Surface Type: ASPHALT	Route Summary					
Roadway Condition Information						
Pavement Condition Rating (PCR)	98	98				
Surface Condition Rating (SCR)	98	98				
Roughness Condition Index (RCI)	N/A	N/A				
Distress Index Values						
Structural Crack Index	100	100				
Alligator Crack Index	100	100				
Longitudinal Crack Index	100	100				
Transverse Cracking Index	100	100				
Patching Index	100	100				
Rutting Index	98	98				
International Roughness Index (IRI)	N/A	N/A				
Lane & Width Information						
Number of Lanes	2	2				
Paved Width (ft)	17.3	17.3				
Lane Width (ft)	11.7	11.7				

Mount Rainier National Park

ROUTE 0401ZZ: TAHOMA WOODS RESIDENTIAL ROADS

Summary Route



Sources: Esri, DeLorme, NAVTEQ, TomTom, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), swisstopo, and the GIS User Community

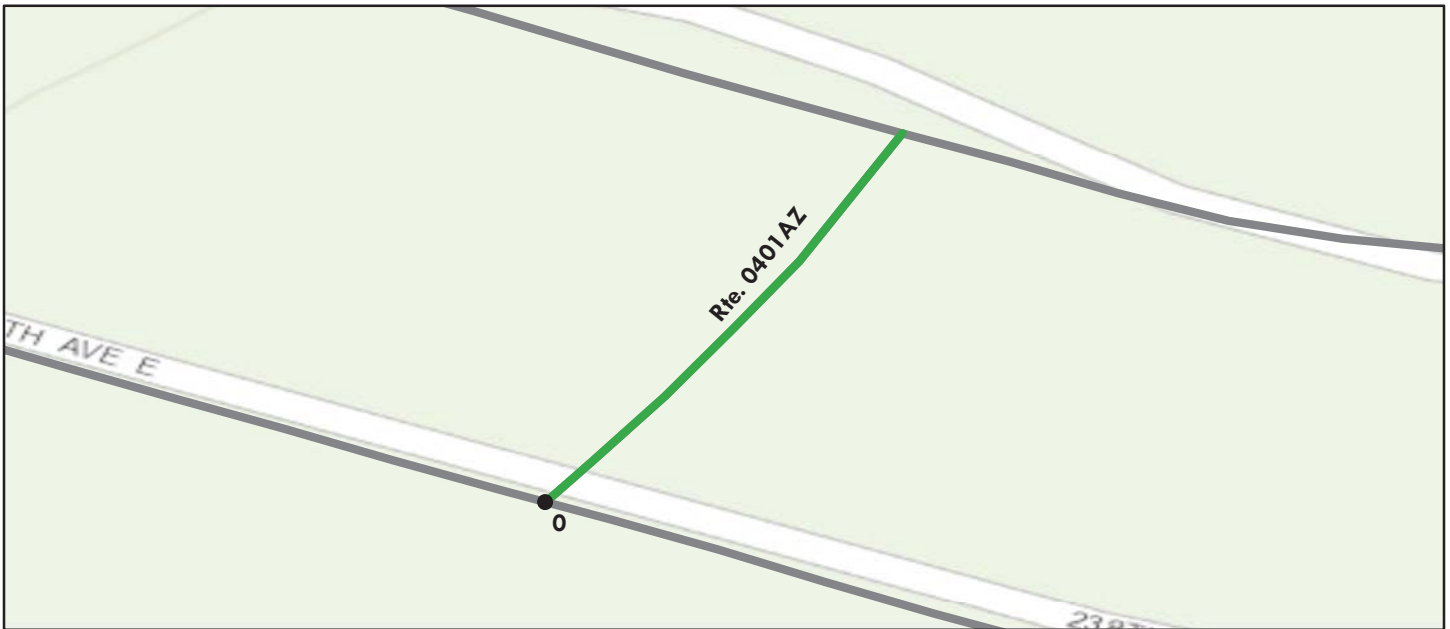
Note: The weighted average summary PCR value is calculated from only the sections of road where the PCR was collected. The overall PCR for the summary route may not reflect individual subcomponent ratings.

Route Condition Legend – Pavement Condition Rating (PCR)						
Poor (0 - 60)	Fair (61- 84)	Good (85 - 94)	Excellent (95 - 100)	Not Rated		
See Appendix for definitions and formulas						
Inspection Date:	8/7/2015					
Paved Length (Miles):	0.81					
Surface Type:	ASPHALT	Route Summary				
Roadway Condition Information						
Pavement Condition Rating (PCR)	74					
Lane & Width Information						
Number of Lanes	2					
Paved Width (ft)	20.4					
Lane Width (ft)	10.2					

Mount Rainier National Park

ROUTE 0401AZ: TAHOMA WOODS RESIDENTIAL ROAD BISECTOR

Subcomponent of Route MORA-0401ZZ
 Data Collection Vehicle (DCV) Rating



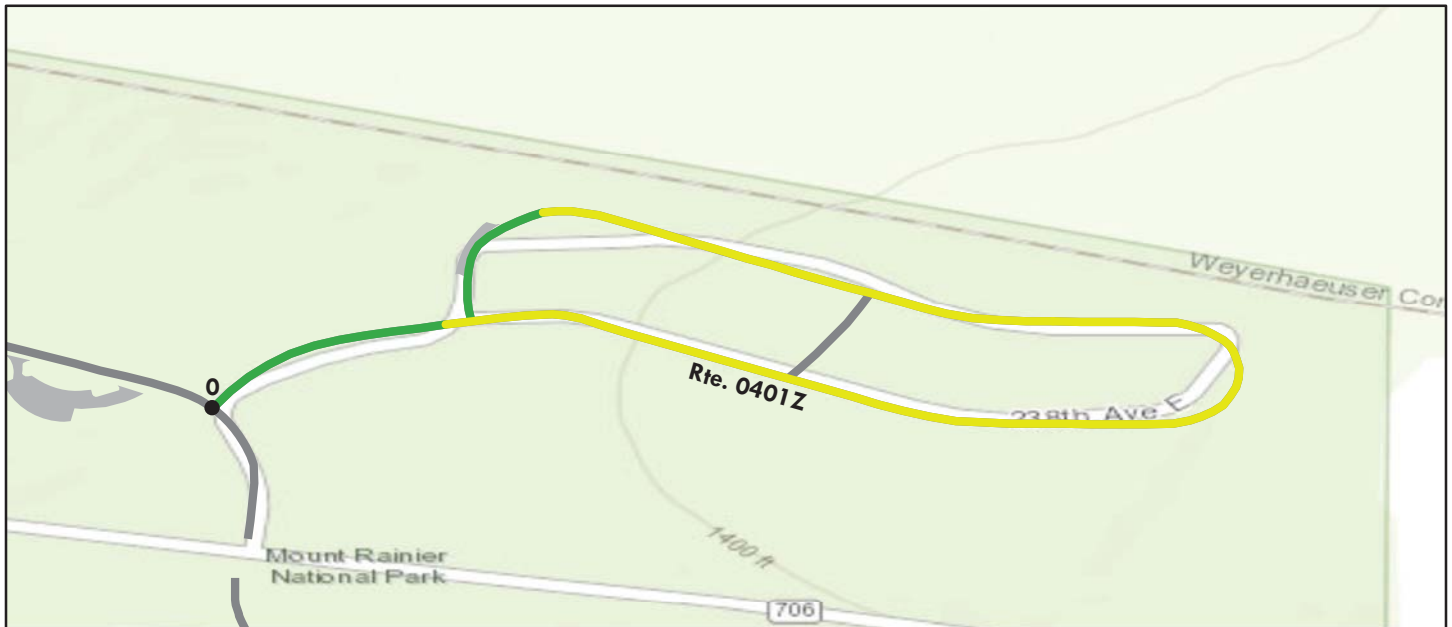
Sources: Esri, DeLorme, NAVTEQ, TomTom, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), swisstopo, and the GIS User Community

Route Condition Legend – Pavement Condition Rating (PCR)						
Poor (0 - 60)	Fair (61- 84)	Good (85 - 94)	Excellent (95 - 100)	Not Rated		
See Appendix for definitions and formulas						
Inspection Date: 8/7/2015	Beginning Section MP	0				
Paved Length (Miles): 0.04	Section Length (MI)	0.04				
Surface Type: ASPHALT	Route Summary					
Roadway Condition Information						
Pavement Condition Rating (PCR)	93	93				
Surface Condition Rating (SCR)	93	93				
Roughness Condition Index (RCI)	N/A	N/A				
Distress Index Values						
Structural Crack Index	100	100				
Alligator Crack Index	100	100				
Longitudinal Crack Index	100	100				
Transverse Cracking Index	100	100				
Patching Index	100	100				
Rutting Index	93	93				
International Roughness Index (IRI)	N/A	N/A				
Lane & Width Information						
Number of Lanes	2	2				
Paved Width (ft)	19.4	19.4				
Lane Width (ft)	9.7	9.7				

Mount Rainier National Park

ROUTE 0401Z: TAHOMA WOODS RESIDENTIAL ROAD

Subcomponent of Route MORA-0401ZZ
Data Collection Vehicle (DCV) Rating



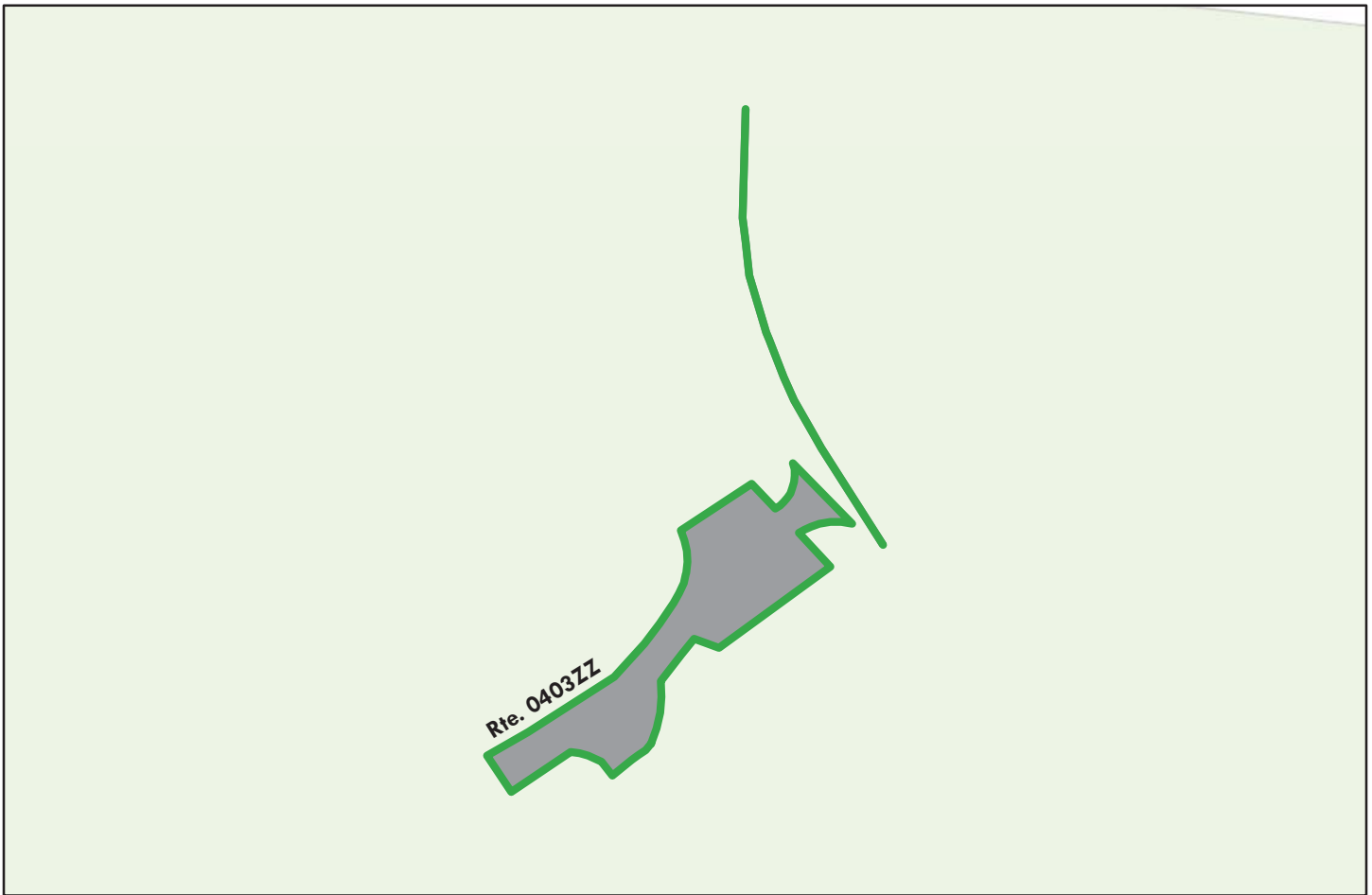
Sources: Esri, DeLorme, NAVTEQ, TomTom, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), swisstopo, and the GIS User Community

Route Condition Legend – Pavement Condition Rating (PCR)						
Poor (0 - 60)	Fair (61- 84)	Good (85 - 94)	Excellent (95 - 100)	Not Rated		
See Appendix for definitions and formulas						
Inspection Date: 8/7/2015	Beginning Section MP	0				
Paved Length (Miles): 0.77	Section Length (MI)	0.77				
Surface Type: ASPHALT	Route Summary					
Roadway Condition Information						
Pavement Condition Rating (PCR)	73	73				
Surface Condition Rating (SCR)	91	91				
Roughness Condition Index (RCI)	46	46				
Distress Index Values						
Structural Crack Index	98	98				
Alligator Crack Index	100	100				
Longitudinal Crack Index	98	98				
Transverse Cracking Index	95	95				
Patching Index	100	100				
Rutting Index	91	91				
International Roughness Index (IRI)	307	307				
Lane & Width Information						
Number of Lanes	2	2				
Paved Width (ft)	20.5	20.5				
Lane Width (ft)	10.2	10.2				

Mount Rainier National Park

ROUTE 0403ZZ: TAHOMA WOODS WASTE WATER SERVICE ROADS

Summary Route



Sources: Esri, DeLorme, NAVTEQ, TomTom, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), swisstopo, and the GIS User Community

Note: The weighted average summary PCR value is calculated from only the sections of road where the PCR was collected. The overall PCR for the summary route may not reflect individual subcomponent ratings.

Route Condition Legend – Pavement Condition Rating (PCR)						
Poor (0 - 60)	Fair (61- 84)	Good (85 - 94)	Excellent (95 - 100)	Not Rated		
See Appendix for definitions and formulas						
Inspection Date:	8/7/2015					
Paved Length (Miles):	0.04					
Surface Type:	ASPHALT	Route Summary				
Roadway Condition Information						
Pavement Condition Rating (PCR)	92					
Lane & Width Information						
Number of Lanes	1					
Paved Width (ft)	14.7					
Lane Width (ft)	7.4					

Mount Rainier National Park

ROUTE 0403AZ: TAHOMA WOODS WASTE WATER SERVICE AREA A

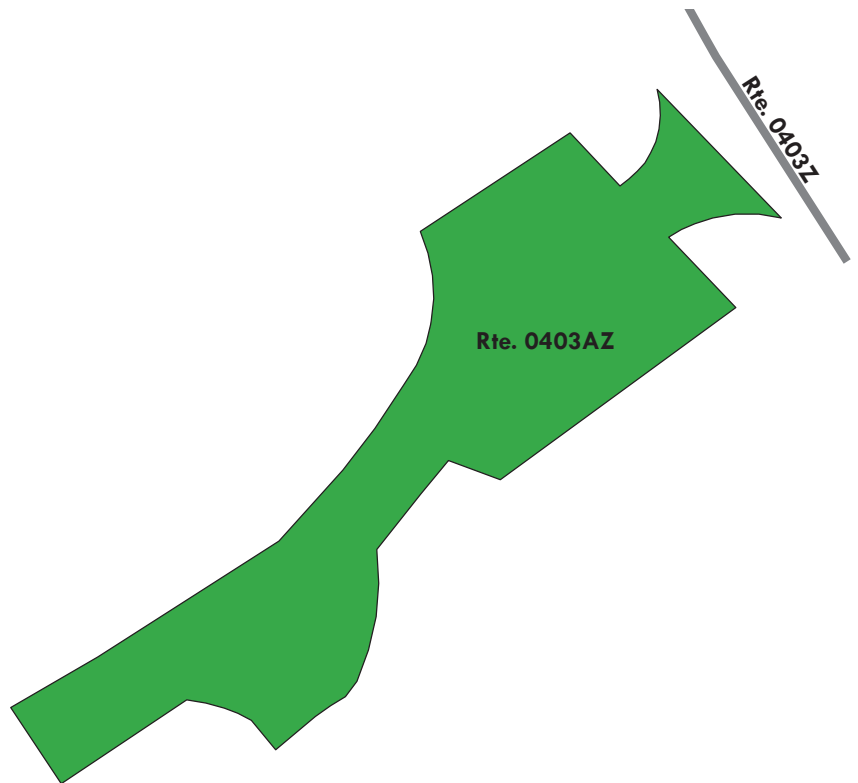
Subcomponent of Route MORA-0403ZZ

Manual Rating

FROM ROUTE 0403Z (TAHOMA WOODS WASTE WATER SERVICE ROAD) ON RIGHT

TO END

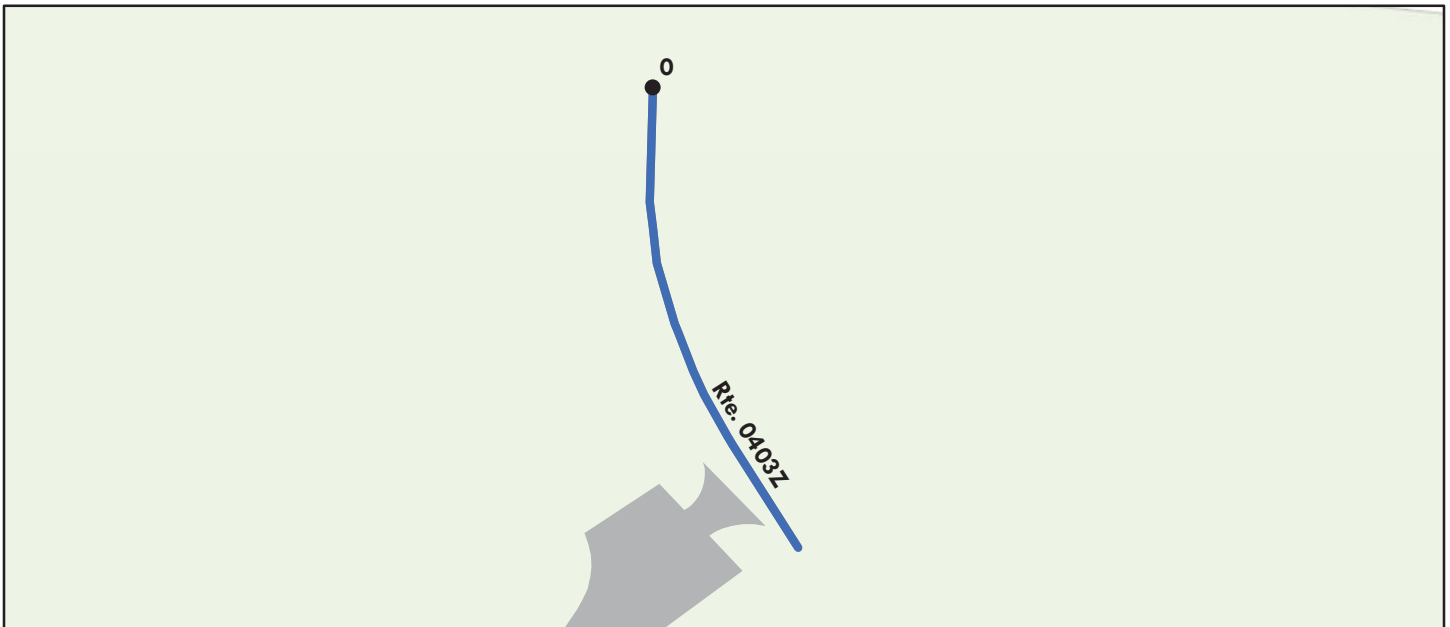
Inspection Date	FMSS Number	User Access	Surface Type
8/7/2015	40234	NONPUBLIC	CONCRETE
Area (Sq. Ft.)	Lane Miles (11' Widths)	Pavement Recommendation	
4,240	0.073	PREVENTIVE MAINTENANCE	
Condition Rating / PCR			
GOOD / 90			
Route Condition Legend – Pavement Condition Rating (PCR)			
Poor (0 - 60)	Fair (61- 84)	Good (85 - 94)	Excellent (95 - 100)
Not Rated			
See Appendix for definitions and formulas			



Mount Rainier National Park

ROUTE 0403Z: TAHOMA WOODS WASTE WATER SERVICE ROAD

Subcomponent of Route MORA-0403ZZ
 Data Collection Vehicle (DCV) Rating



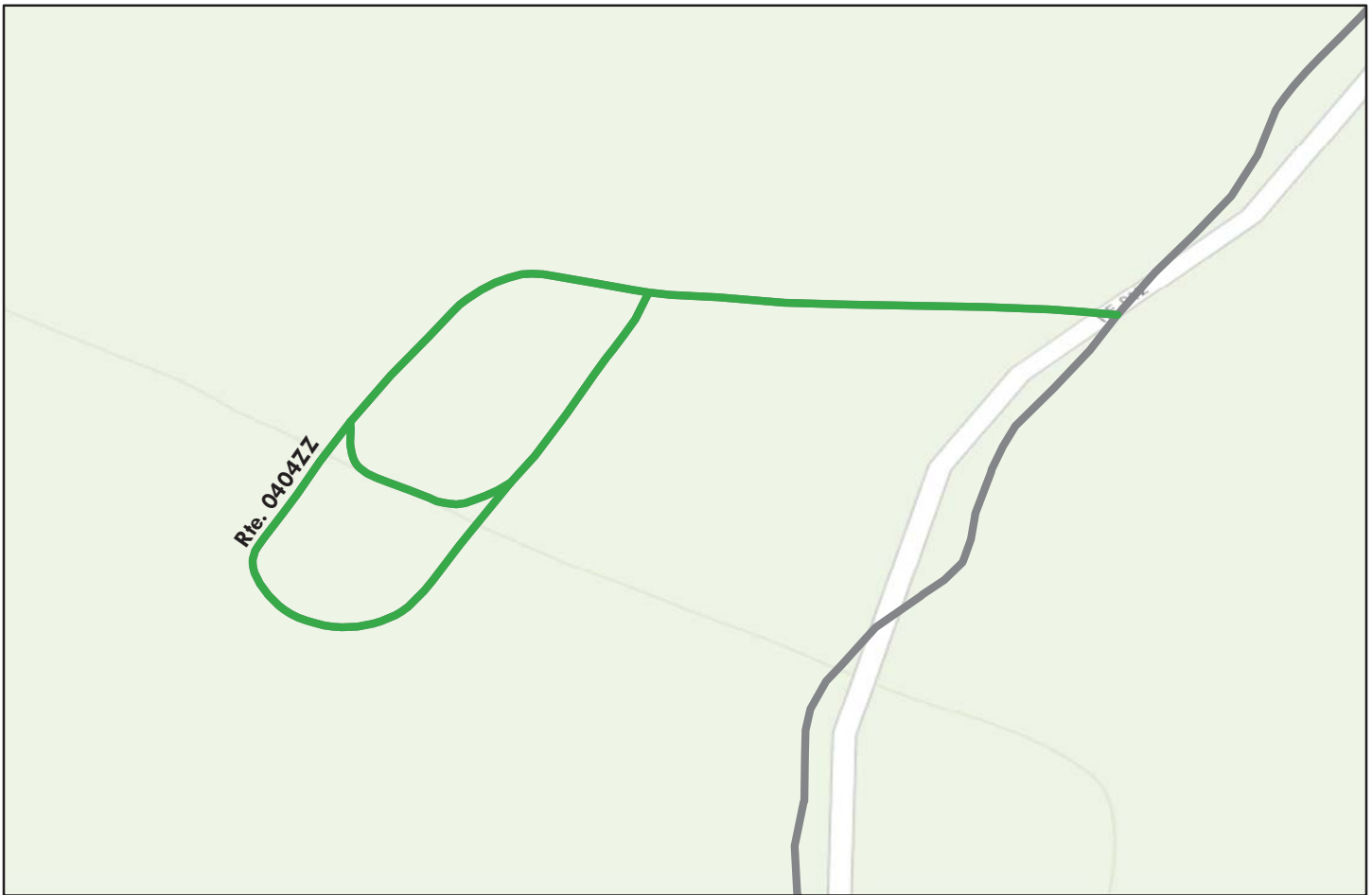
Sources: Esri, DeLorme, NAVTEQ, TomTom, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), swisstopo, and the GIS User Community

Route Condition Legend – Pavement Condition Rating (PCR)						
Poor (0 - 60)	Fair (61- 84)	Good (85 - 94)	Excellent (95 - 100)	Not Rated		
See Appendix for definitions and formulas						
Inspection Date: 8/7/2015	Beginning Section MP	0				
Paved Length (Miles): 0.04	Section Length (MI)	0.04				
Surface Type: ASPHALT	Route Summary					
Roadway Condition Information						
Pavement Condition Rating (PCR)	95	95				
Surface Condition Rating (SCR)	95	95				
Roughness Condition Index (RCI)	N/A	N/A				
Distress Index Values						
Structural Crack Index	100	100				
Alligator Crack Index	100	100				
Longitudinal Crack Index	100	100				
Transverse Cracking Index	100	100				
Patching Index	100	100				
Rutting Index	95	95				
International Roughness Index (IRI)	N/A	N/A				
Lane & Width Information						
Number of Lanes	2	2				
Paved Width (ft)	14.7	14.7				
Lane Width (ft)	7.4	7.4				

Mount Rainier National Park

ROUTE 0404ZZ: ROAD SERVICE (LONGMIRE WATER TREATMENT)

Summary Route



Sources: Esri, DeLorme, NAVTEQ, TomTom, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), swisstopo, and the GIS User Community

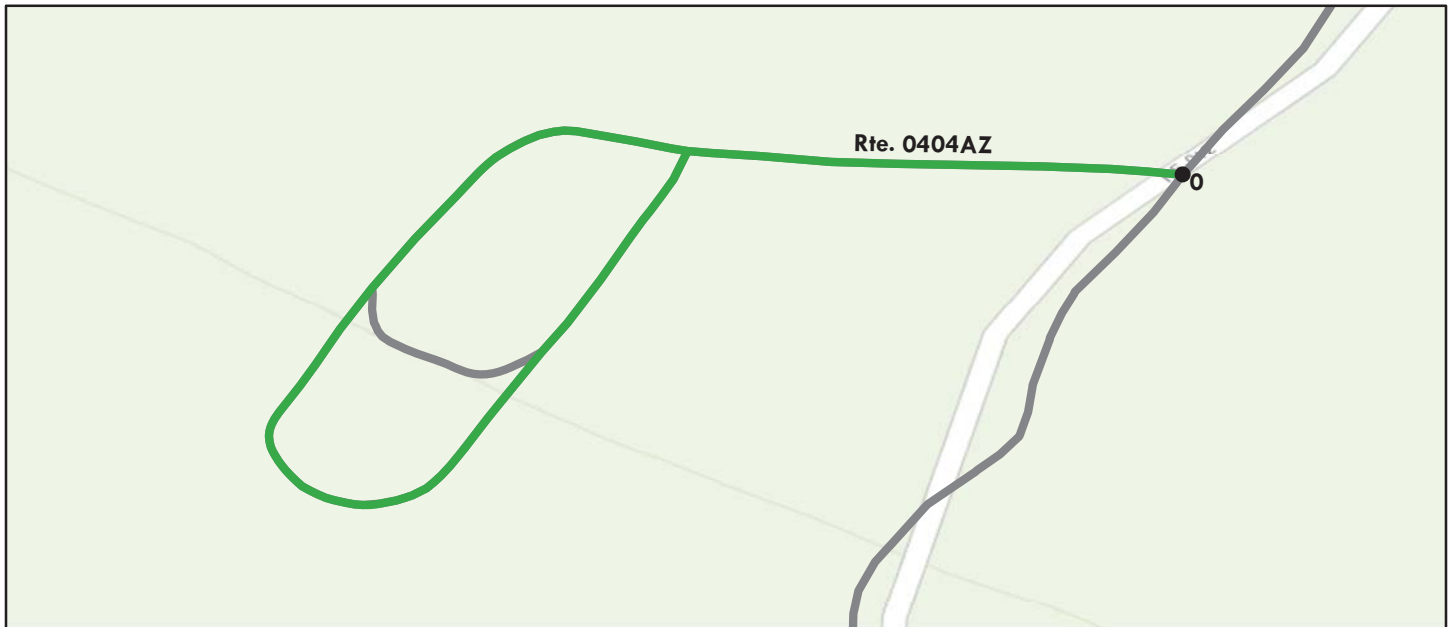
Note: The weighted average summary PCR value is calculated from only the sections of road where the PCR was collected. The overall PCR for the summary route may not reflect individual subcomponent ratings.

Route Condition Legend – Pavement Condition Rating (PCR)						
Poor (0 - 60)	Fair (61- 84)	Good (85 - 94)	Excellent (95 - 100)	Not Rated		
See Appendix for definitions and formulas						
Inspection Date:	8/9/2015					
Paved Length (Miles):	0.3					
Surface Type:	ASPHALT	Route Summary				
Roadway Condition Information						
Pavement Condition Rating (PCR)	91					
Lane & Width Information						
Number of Lanes	1					
Paved Width (ft)	9.9					
Lane Width (ft)	9.9					

Mount Rainier National Park

ROUTE 0404AZ: LONGMIRE WATER TREATMENT ROAD

Subcomponent of Route MORA-0404ZZ
Data Collection Vehicle (DCV) Rating



Sources: Esri, DeLorme, NAVTEQ, TomTom, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), swisstopo, and the GIS User Community

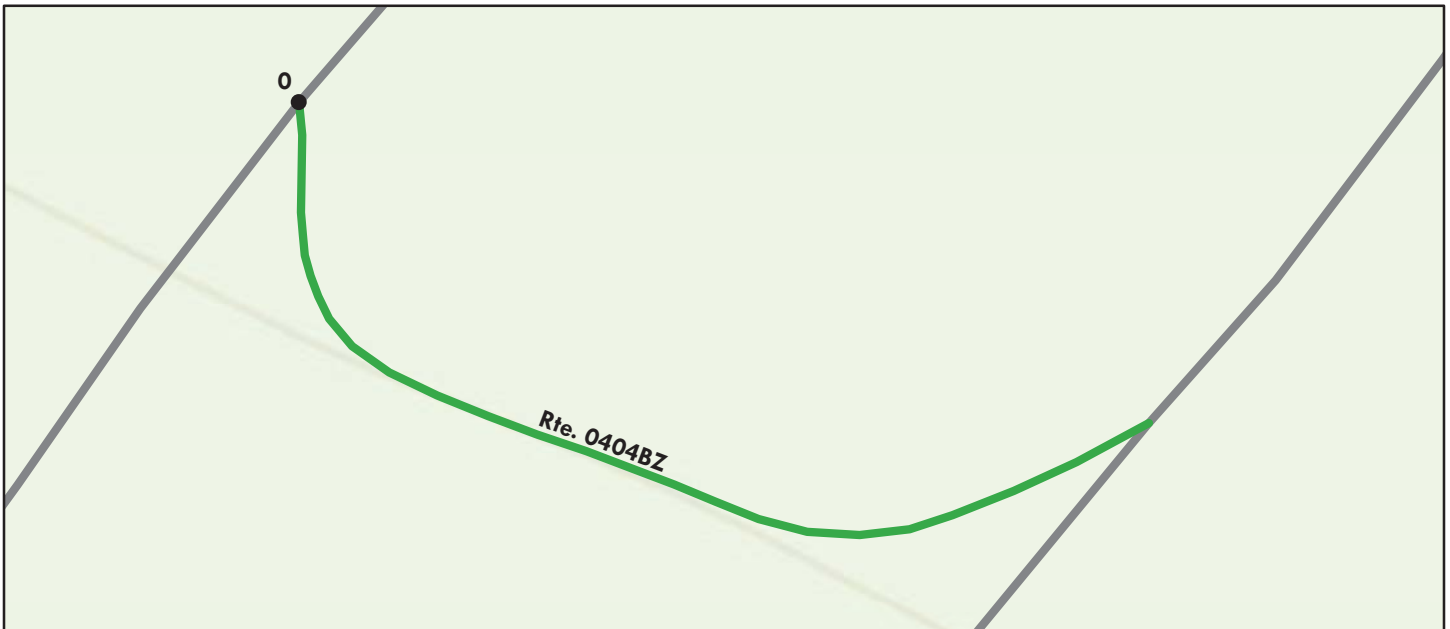
Route Condition Legend – Pavement Condition Rating (PCR)						
Poor (0 - 60)	Fair (61- 84)	Good (85 - 94)	Excellent (95 - 100)	Not Rated		
See Appendix for definitions and formulas						
Inspection Date: 8/9/2015	Beginning Section MP	0				
Paved Length (Miles): 0.26	Section Length (MI)	0.26				
Surface Type: ASPHALT	Route Summary					
Roadway Condition Information						
Pavement Condition Rating (PCR)	91	91				
Surface Condition Rating (SCR)	91	91				
Roughness Condition Index (RCI)	N/A	N/A				
Distress Index Values						
Structural Crack Index	94	94				
Alligator Crack Index	100	100				
Longitudinal Crack Index	94	94				
Transverse Cracking Index	92	92				
Patching Index	97	97				
Rutting Index	91	91				
International Roughness Index (IRI)	N/A	N/A				
Lane & Width Information						
Number of Lanes	1	1				
Paved Width (ft)	9.6	9.6				
Lane Width (ft)	9.6	9.6				

Mount Rainier National Park

ROUTE 0404BZ: LONGMIRE WATER TREATMENT CUT THROUGH

Subcomponent of Route MORA-0404ZZ

Manual Rating



Sources: Esri, DeLorme, NAVTEQ, TomTom, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), swisstopo, and the GIS User Community

Route Condition Legend – Pavement Condition Rating (PCR)

Poor (0 - 60)

Fair (61- 84)

Good (85 - 94)

Excellent (95 - 100)

Not Rated

See Appendix for definitions and formulas

Inspection Date: 8/9/2015	Beginning Section MP	0.00				
Paved Length (Miles): 0.04	Section Length (MI)	0.04				
Surface Type: ASPHALT	Route Summary					
Roadway Condition Information						
Pavement Condition Rating (PCR)	90	90				
Surface Condition Rating (SCR)	90	90				
Roughness Condition Index (RCI)	N/A	N/A				
Distress Index Values						
Structural Crack Index	N/A	N/A				
Alligator Crack Index	97	97				
Longitudinal Crack Index	90	90				
Transverse Cracking Index	90	90				
Patching Index	97	97				
Rutting Index	97	97				
International Roughness Index (IRI)	N/A	N/A				
Lane & Width Information						
Number of Lanes	1	1				
Paved Width (ft)	12	12				
Lane Width (ft)	12	12				

Mount Rainier National Park

ROUTE 0404BZ: LONGMIRE WATER TREATMENT CUT THROUGH

Condition Photos

Condition photos are shown only for manually rated roads. Use the PathView program to see images of DCV rated roads.



MORA_0404BZ_1767.JPG



MORA_0404BZ_1768.JPG



MORA_0404BZ_1769.JPG



MORA_0404BZ_1770.JPG



MORA_0404BZ_1771.JPG



MORA_0404BZ_1772.JPG

Mount Rainier National Park

ROUTE 0405: KAUTZ HELIBASE ACCESS ROAD

Data Collection Vehicle (DCV) Rating



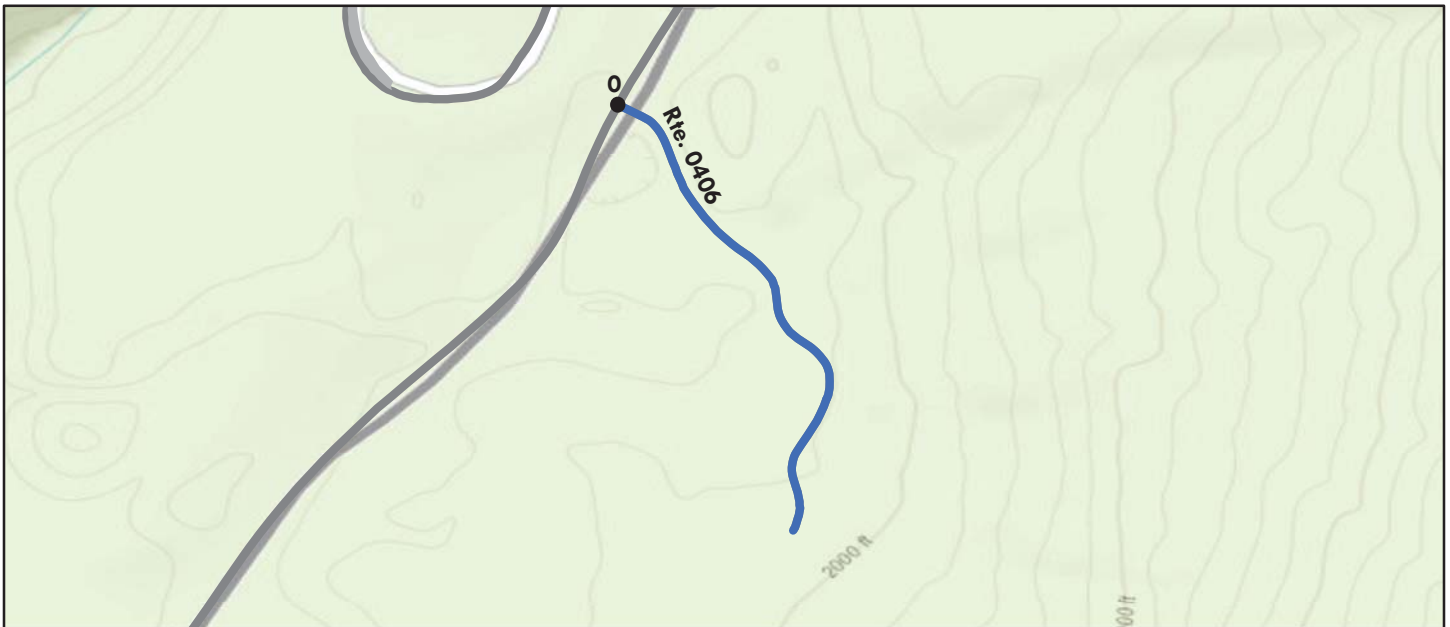
Sources: Esri, DeLorme, NAVTEQ, TomTom, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), swisstopo, and the GIS User Community

Route Condition Legend – Pavement Condition Rating (PCR)						
Poor (0 - 60)	Fair (61- 84)	Good (85 - 94)	Excellent (95 - 100)	Not Rated		
See Appendix for definitions and formulas						
Inspection Date: 8/9/2015	Beginning Section MP	0				
Paved Length (Miles): 0.36	Section Length (MI)	0.36				
Surface Type: ASPHALT	Route Summary					
Roadway Condition Information						
Pavement Condition Rating (PCR)	44	44				
Surface Condition Rating (SCR)	44	44				
Roughness Condition Index (RCI)	N/A	N/A				
Distress Index Values						
Structural Crack Index	44	44				
Alligator Crack Index	78	78				
Longitudinal Crack Index	66	66				
Transverse Cracking Index	98	98				
Patching Index	94	94				
Rutting Index	88	88				
International Roughness Index (IRI)	N/A	N/A				
Lane & Width Information						
Number of Lanes	2	2				
Paved Width (ft)	16.2	16.2				
Lane Width (ft)	8.1	8.1				

Mount Rainier National Park

ROUTE 0406: ROAD SERVICE (OHANA WASTE WATER TREATMENT)

Data Collection Vehicle (DCV) Rating



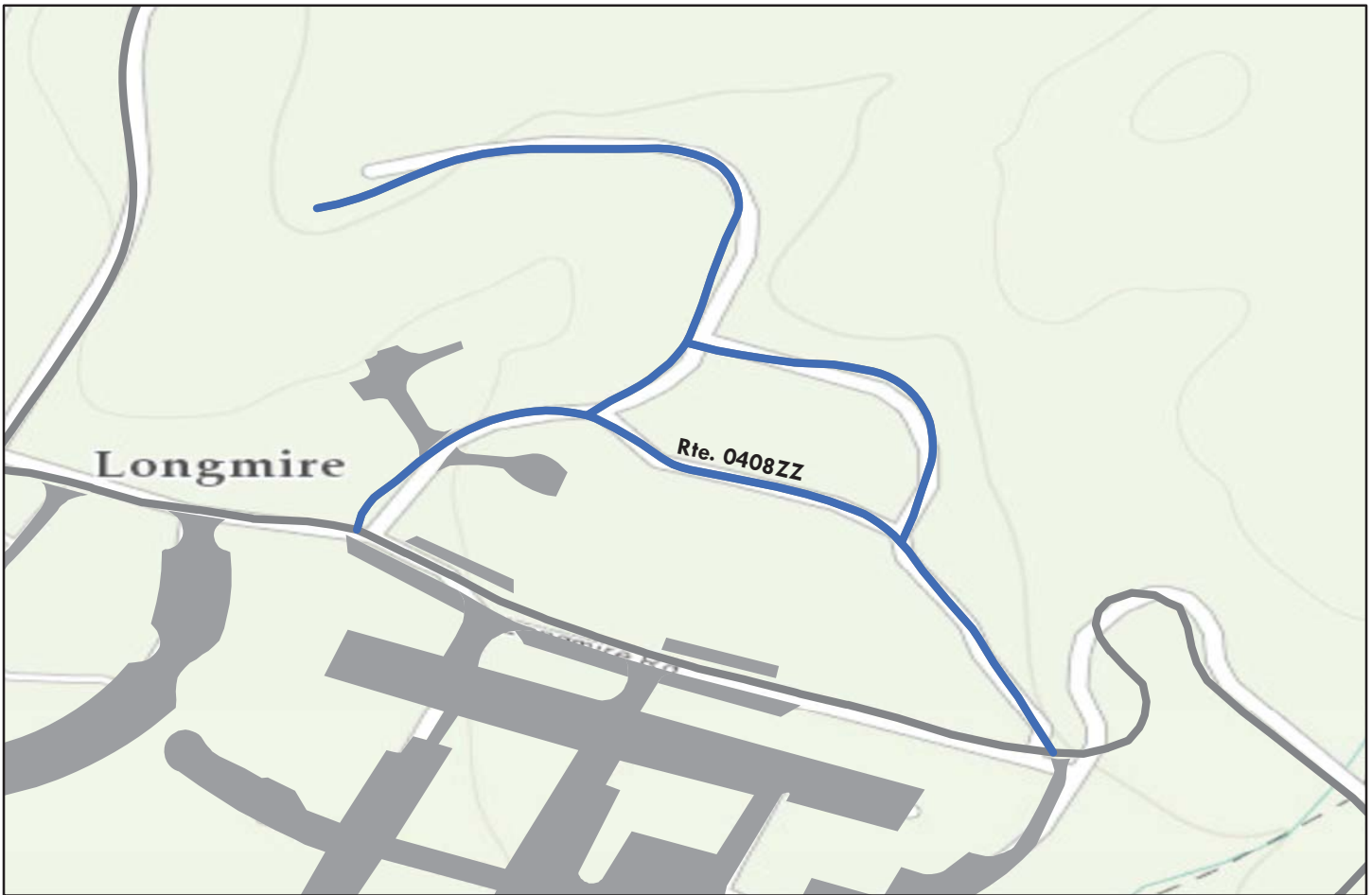
Sources: Esri, DeLorme, NAVTEQ, TomTom, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), swisstopo, and the GIS User Community

Route Condition Legend – Pavement Condition Rating (PCR)						
Poor (0 - 60)	Fair (61- 84)	Good (85 - 94)	Excellent (95 - 100)	Not Rated		
See Appendix for definitions and formulas						
Inspection Date: 8/8/2015	Beginning Section MP	0				
Paved Length (Miles): 0.29	Section Length (MI)	0.29				
Surface Type: ASPHALT	Route Summary					
Roadway Condition Information						
Pavement Condition Rating (PCR)	98	98				
Surface Condition Rating (SCR)	98	98				
Roughness Condition Index (RCI)	N/A	N/A				
Distress Index Values						
Structural Crack Index	100	100				
Alligator Crack Index	100	100				
Longitudinal Crack Index	100	100				
Transverse Cracking Index	100	100				
Patching Index	100	100				
Rutting Index	98	98				
International Roughness Index (IRI)	N/A	N/A				
Lane & Width Information						
Number of Lanes	1	1				
Paved Width (ft)	10.2	10.2				
Lane Width (ft)	10.2	10.2				

Mount Rainier National Park

ROUTE 0408ZZ: ROAD RESIDENTIAL (LONGMIRE)

Summary Route



Sources: Esri, DeLorme, NAVTEQ, TomTom, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), swisstopo, and the GIS User Community

Note: The weighted average summary PCR value is calculated from only the sections of road where the PCR was collected. The overall PCR for the summary route may not reflect individual subcomponent ratings.

Route Condition Legend – Pavement Condition Rating (PCR)						
Poor (0 - 60)	Fair (61- 84)	Good (85 - 94)	Excellent (95 - 100)	Not Rated		
See Appendix for definitions and formulas						
Inspection Date: 8/9/2015						
Paved Length (Miles): 0.41						
Surface Type: ASPHALT	Route Summary					
Roadway Condition Information						
Pavement Condition Rating (PCR)	97					
Lane & Width Information						
Number of Lanes	1					
Paved Width (ft)	15.1					
Lane Width (ft)	10.9					

Mount Rainier National Park

ROUTE 0408AZ: LONGMIRE RESIDENTIAL ROAD A

Subcomponent of Route MORA-0408ZZ
Data Collection Vehicle (DCV) Rating



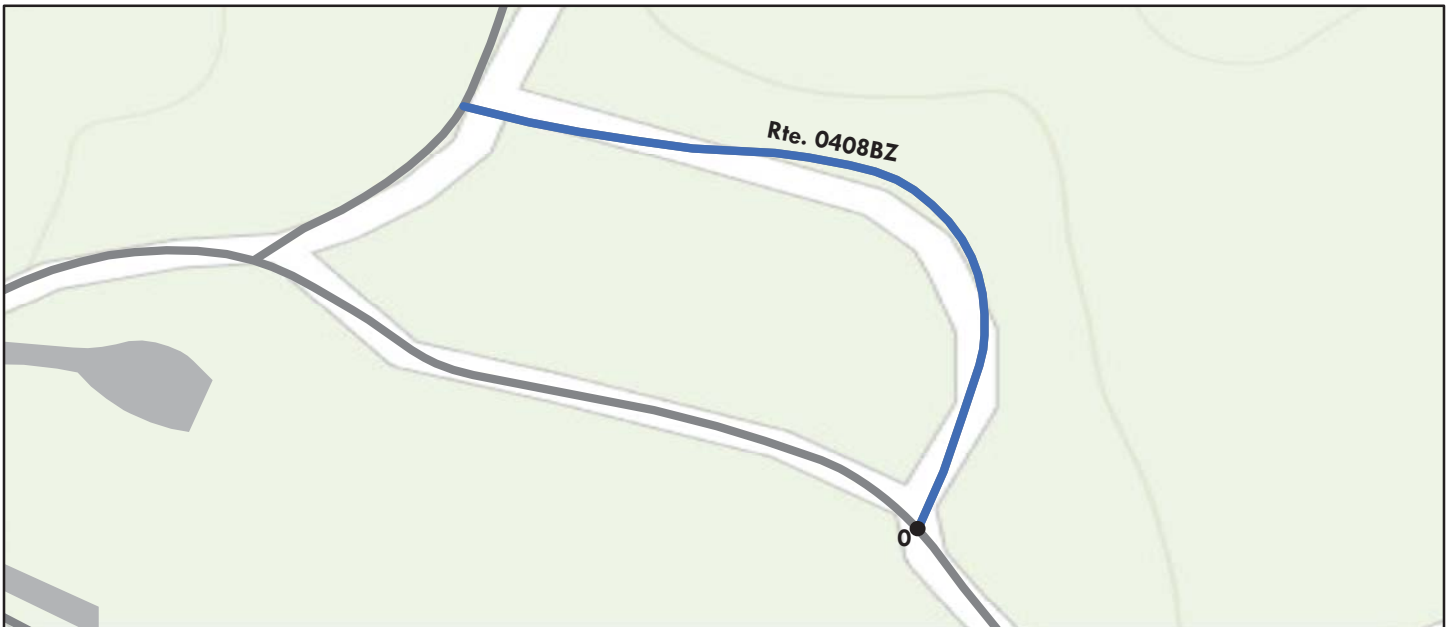
Sources: Esri, DeLorme, NAVTEQ, TomTom, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), swisstopo, and the GIS User Community

Route Condition Legend – Pavement Condition Rating (PCR)						
Poor (0 - 60)	Fair (61- 84)	Good (85 - 94)	Excellent (95 - 100)	Not Rated		
See Appendix for definitions and formulas						
Inspection Date: 8/9/2015	Beginning Section MP	0				
Paved Length (Miles): 0.18	Section Length (MI)	0.18				
Surface Type: ASPHALT	Route Summary					
Roadway Condition Information						
Pavement Condition Rating (PCR)	96	96				
Surface Condition Rating (SCR)	96	96				
Roughness Condition Index (RCI)	N/A	N/A				
Distress Index Values						
Structural Crack Index	100	100				
Alligator Crack Index	100	100				
Longitudinal Crack Index	100	100				
Transverse Cracking Index	100	100				
Patching Index	100	100				
Rutting Index	96	96				
International Roughness Index (IRI)	N/A	N/A				
Lane & Width Information						
Number of Lanes	1	1				
Paved Width (ft)	14.9	14.9				
Lane Width (ft)	14.9	14.9				

Mount Rainier National Park

ROUTE 0408BZ: LONGMIRE RESIDENTIAL ROAD B

Subcomponent of Route MORA-0408ZZ
 Data Collection Vehicle (DCV) Rating



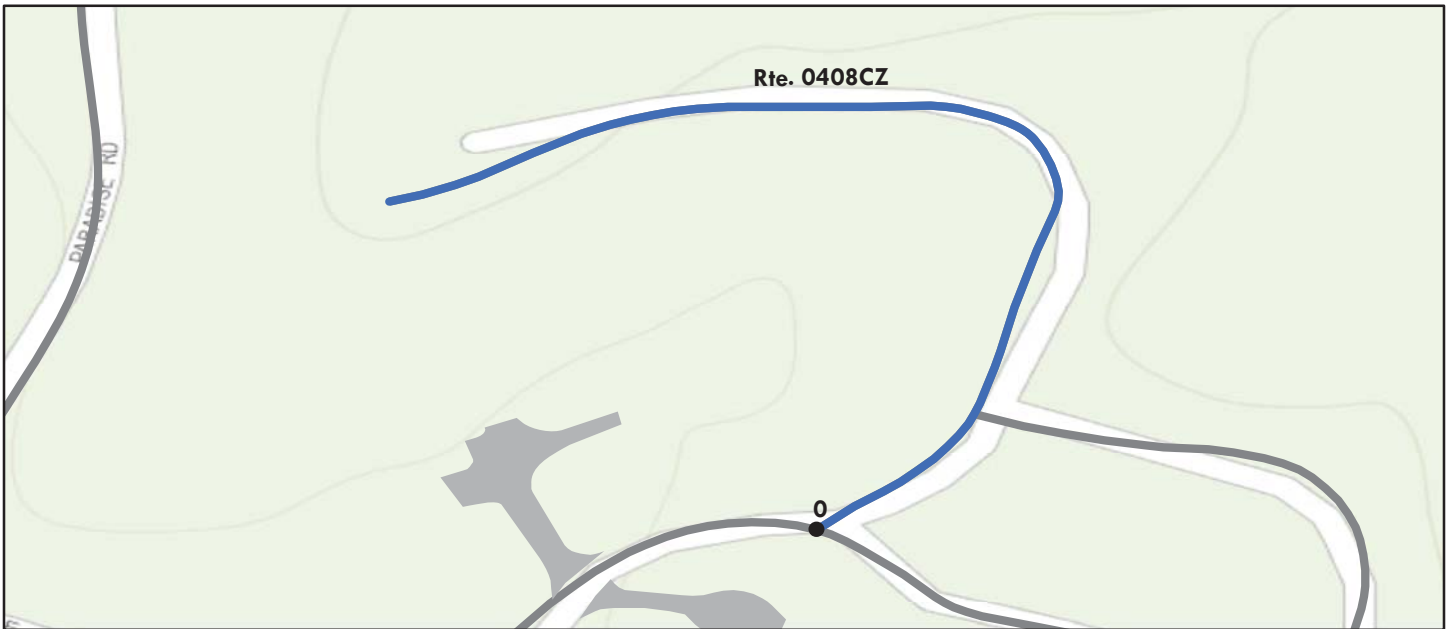
Sources: Esri, DeLorme, NAVTEQ, TomTom, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), swisstopo, and the GIS User Community

Route Condition Legend – Pavement Condition Rating (PCR)						
Poor (0 - 60)	Fair (61- 84)	Good (85 - 94)	Excellent (95 - 100)	Not Rated		
See Appendix for definitions and formulas						
Inspection Date: 8/9/2015	Beginning Section MP	0				
Paved Length (Miles): 0.08	Section Length (MI)	0.08				
Surface Type: ASPHALT	Route Summary					
Roadway Condition Information						
Pavement Condition Rating (PCR)	98	98				
Surface Condition Rating (SCR)	98	98				
Roughness Condition Index (RCI)	N/A	N/A				
Distress Index Values						
Structural Crack Index	100	100				
Alligator Crack Index	100	100				
Longitudinal Crack Index	100	100				
Transverse Cracking Index	100	100				
Patching Index	100	100				
Rutting Index	98	98				
International Roughness Index (IRI)	N/A	N/A				
Lane & Width Information						
Number of Lanes	2	2				
Paved Width (ft)	14.3	14.3				
Lane Width (ft)	7.2	7.2				

Mount Rainier National Park

ROUTE 0408CZ: LONGMIRE RESIDENTIAL ROAD C

Subcomponent of Route MORA-0408ZZ
 Data Collection Vehicle (DCV) Rating



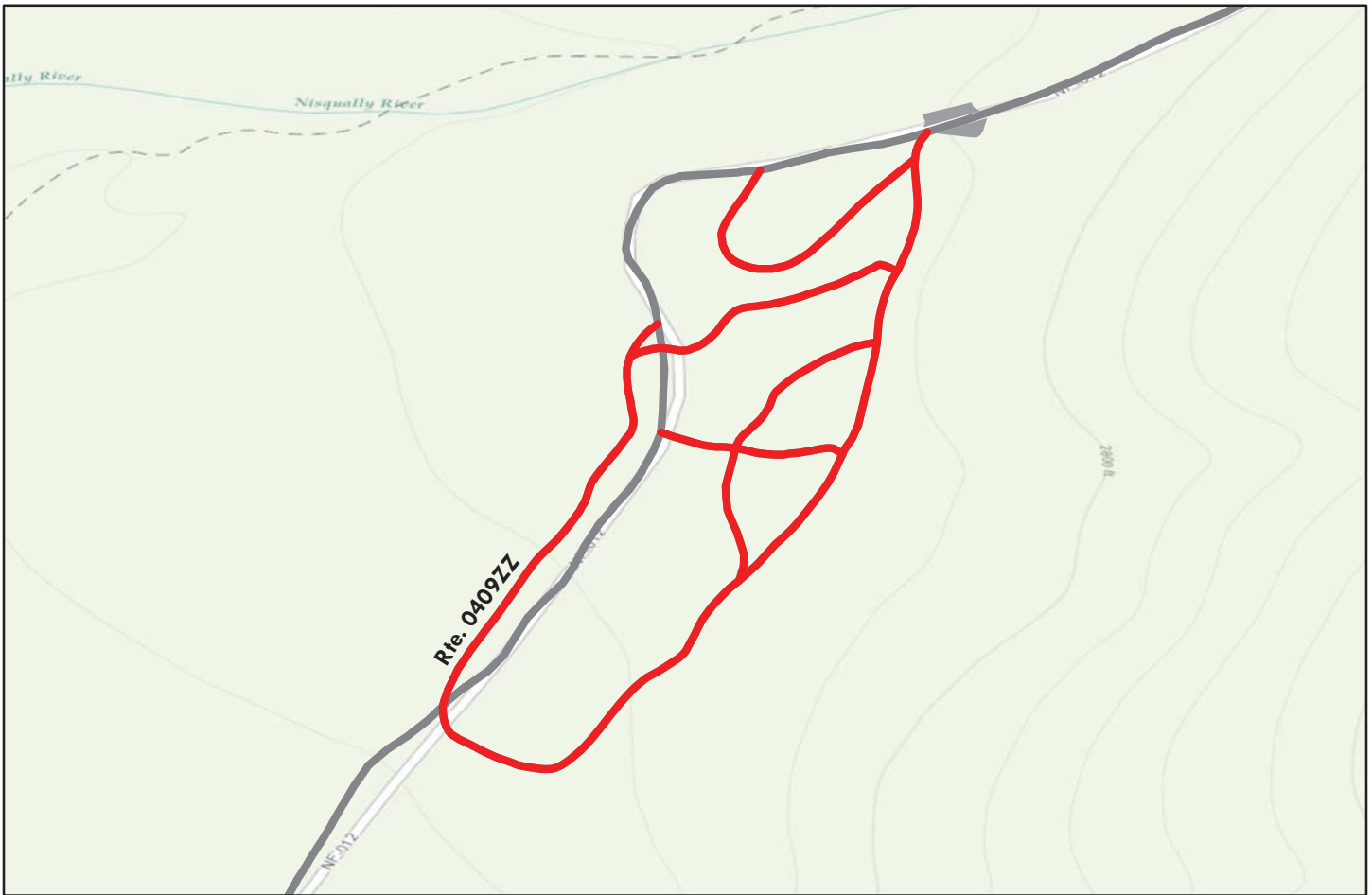
Sources: Esri, DeLorme, NAVTEQ, TomTom, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), swisstopo, and the GIS User Community

Route Condition Legend – Pavement Condition Rating (PCR)						
Poor (0 - 60)	Fair (61- 84)	Good (85 - 94)	Excellent (95 - 100)	Not Rated		
See Appendix for definitions and formulas						
Inspection Date: 8/9/2015	Beginning Section MP	0				
Paved Length (Miles): 0.15	Section Length (MI)	0.15				
Surface Type: ASPHALT	Route Summary					
Roadway Condition Information						
Pavement Condition Rating (PCR)	98	98				
Surface Condition Rating (SCR)	98	98				
Roughness Condition Index (RCI)	N/A	N/A				
Distress Index Values						
Structural Crack Index	99	99				
Alligator Crack Index	100	100				
Longitudinal Crack Index	99	99				
Transverse Cracking Index	99	99				
Patching Index	100	100				
Rutting Index	98	98				
International Roughness Index (IRI)	N/A	N/A				
Lane & Width Information						
Number of Lanes	2	2				
Paved Width (ft)	15.7	15.7				
Lane Width (ft)	7.9	7.9				

Mount Rainier National Park

ROUTE 0409ZZ: ROAD CAMPGROUND LOOPS (LONGMIRE)

Summary Route



Sources: Esri, DeLorme, NAVTEQ, TomTom, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), swisstopo, and the GIS User Community

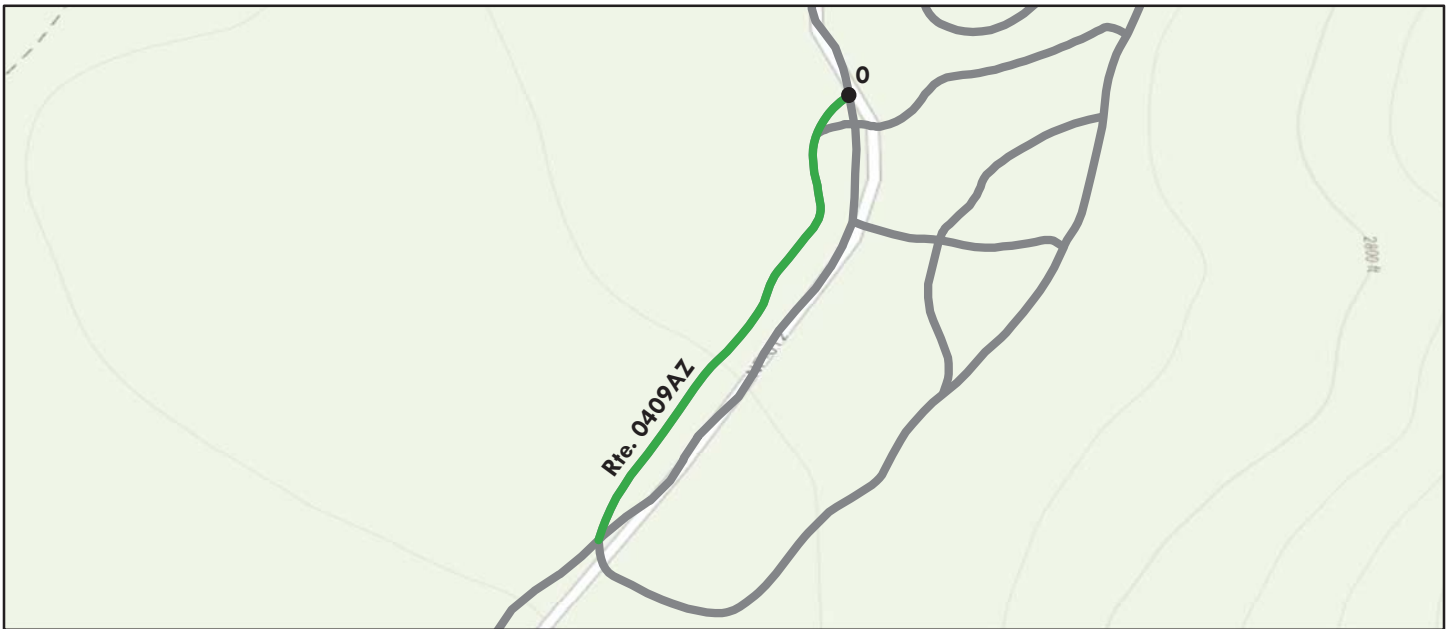
Note: The weighted average summary PCR value is calculated from only the sections of road where the PCR was collected. The overall PCR for the summary route may not reflect individual subcomponent ratings.

Route Condition Legend – Pavement Condition Rating (PCR)						
Poor (0 - 60)	Fair (61- 84)	Good (85 - 94)	Excellent (95 - 100)	Not Rated		
See Appendix for definitions and formulas						
Inspection Date:	8/9/2015					
Paved Length (Miles):	0.94					
Surface Type:	ASPHALT	Route Summary				
Roadway Condition Information						
Pavement Condition Rating (PCR)	58					
Lane & Width Information						
Number of Lanes	1					
Paved Width (ft)	8.8					
Lane Width (ft)	8.8					

Mount Rainier National Park

ROUTE 0409AZ: LONGMIRE CAMPGROUND LOOP A

Subcomponent of Route MORA-0409ZZ
 Data Collection Vehicle (DCV) Rating



Sources: Esri, DeLorme, NAVTEQ, TomTom, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), swisstopo, and the GIS User Community

Route Condition Legend – Pavement Condition Rating (PCR)						
Poor (0 - 60)	Fair (61- 84)	Good (85 - 94)	Excellent (95 - 100)	Not Rated		
See Appendix for definitions and formulas						
Inspection Date: 8/9/2015	Beginning Section MP	0				
Paved Length (Miles): 0.2	Section Length (MI)	0.2				
Surface Type: ASPHALT	Route Summary					
Roadway Condition Information						
Pavement Condition Rating (PCR)	85	85				
Surface Condition Rating (SCR)	85	85				
Roughness Condition Index (RCI)	N/A	N/A				
Distress Index Values						
Structural Crack Index	100	100				
Alligator Crack Index	100	100				
Longitudinal Crack Index	100	100				
Transverse Cracking Index	100	100				
Patching Index	100	100				
Rutting Index	85	85				
International Roughness Index (IRI)	N/A	N/A				
Lane & Width Information						
Number of Lanes	1	1				
Paved Width (ft)	8.7	8.7				
Lane Width (ft)	8.7	8.7				

Mount Rainier National Park

ROUTE 0409BZ: LONGMIRE CAMPGROUND LOOP B

Subcomponent of Route MORA-0409ZZ
Data Collection Vehicle (DCV) Rating



Sources: Esri, DeLorme, NAVTEQ, TomTom, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), swisstopo, and the GIS User Community

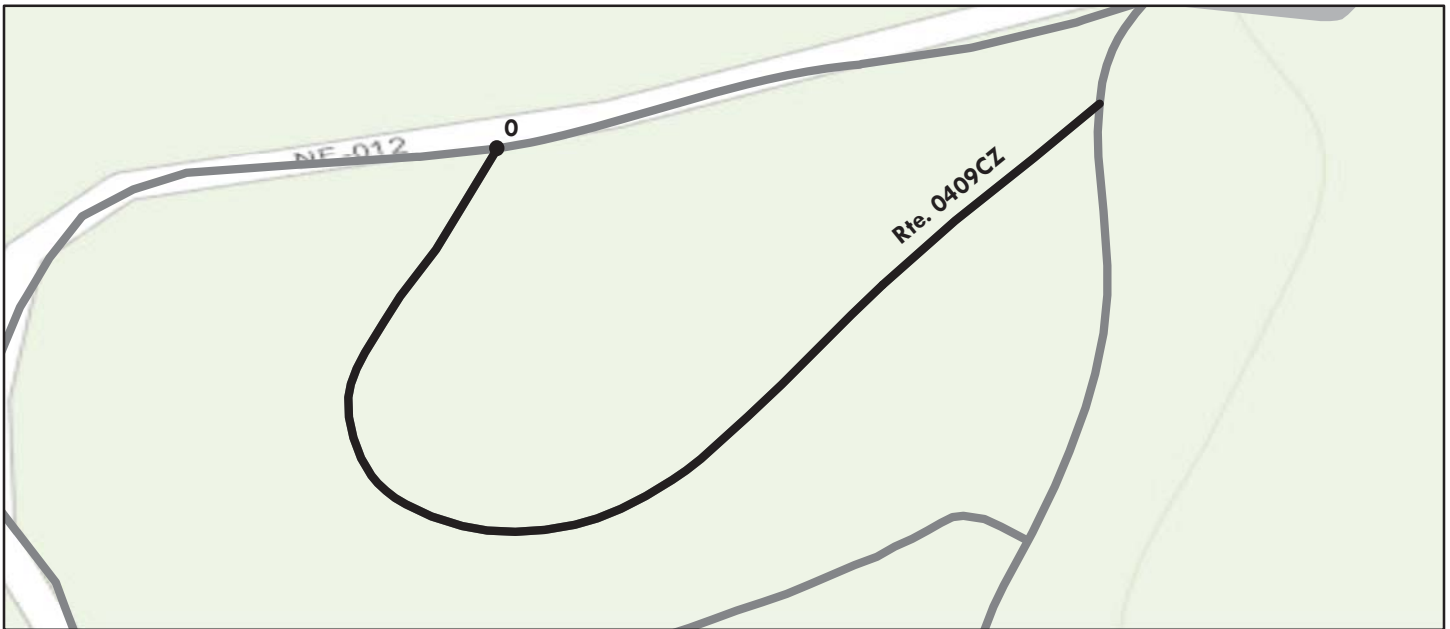
Route Condition Legend – Pavement Condition Rating (PCR)						
Poor (0 - 60)	Fair (61- 84)	Good (85 - 94)	Excellent (95 - 100)	Not Rated		
See Appendix for definitions and formulas						
Inspection Date: 8/9/2015	Beginning Section MP	0				
Paved Length (Miles): 0.32	Section Length (MI)	0.39				
Surface Type: ASPHALT	Route Summary					
Roadway Condition Information						
Pavement Condition Rating (PCR)	82	82				
Surface Condition Rating (SCR)	82	82				
Roughness Condition Index (RCI)	N/A	N/A				
Distress Index Values						
Structural Crack Index	99	99				
Alligator Crack Index	99	99				
Longitudinal Crack Index	100	100				
Transverse Cracking Index	100	100				
Patching Index	100	100				
Rutting Index	82	82				
International Roughness Index (IRI)	N/A	N/A				
Lane & Width Information						
Number of Lanes	1	1				
Paved Width (ft)	8	8				
Lane Width (ft)	8	8				

This road did not receive condition rating from MP 0.32 to 0.39 because this section is unpaved.

Mount Rainier National Park

ROUTE 0409CZ: LONGMIRE CAMPGROUND LOOP C

Subcomponent of Route MORA-0409ZZ
Data Collection Vehicle (DCV) Rating



Sources: Esri, DeLorme, NAVTEQ, TomTom, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), swisstopo, and the GIS User Community

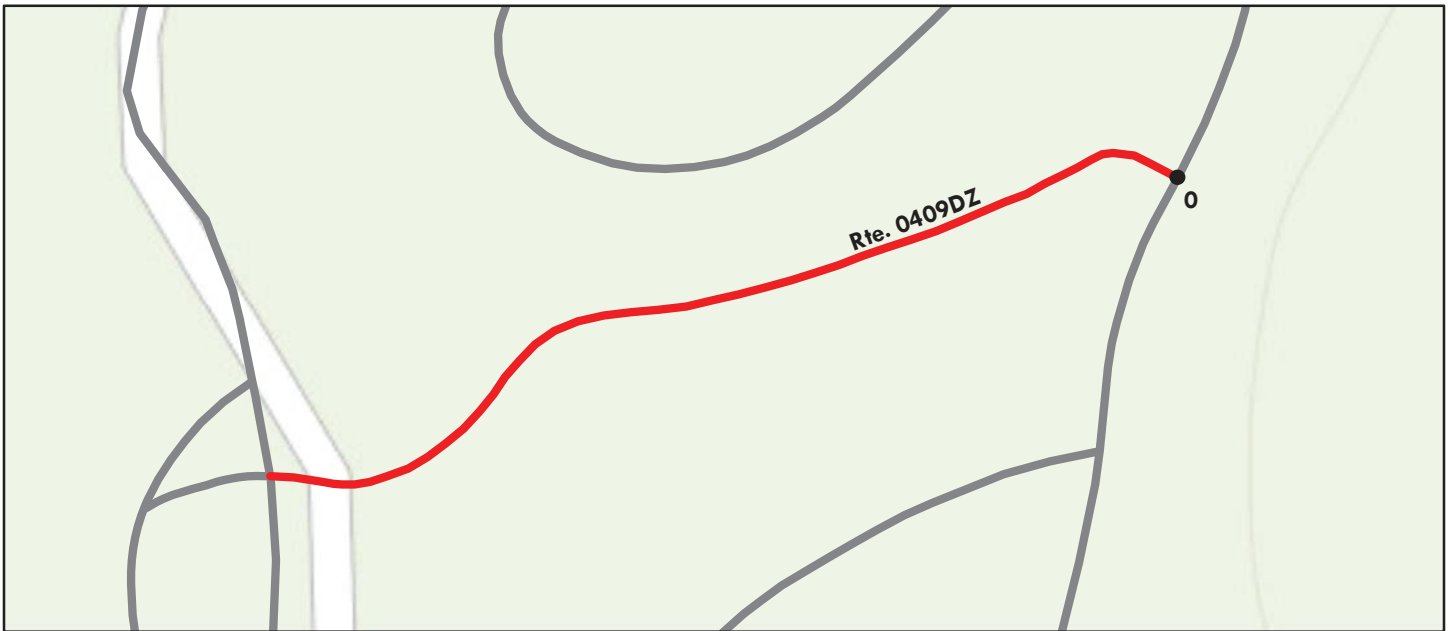
Route Condition Legend – Pavement Condition Rating (PCR)						
Poor (0 - 60)	Fair (61- 84)	Good (85 - 94)	Excellent (95 - 100)	Not Rated		
See Appendix for definitions and formulas						
Inspection Date: 8/9/2015	Beginning Section MP	0				
Paved Length (Miles): 0.12	Section Length (MI)	0.12				
Surface Type: ASPHALT	Route Summary					
Roadway Condition Information						
Pavement Condition Rating (PCR)	N/A	N/A				
Surface Condition Rating (SCR)	N/A	N/A				
Roughness Condition Index (RCI)	N/A	N/A				
Distress Index Values						
Structural Crack Index	N/A	N/A				
Alligator Crack Index	N/A	N/A				
Longitudinal Crack Index	N/A	N/A				
Transverse Cracking Index	N/A	N/A				
Patching Index	N/A	N/A				
Rutting Index	N/A	N/A				
International Roughness Index (IRI)	N/A	N/A				
Lane & Width Information						
Number of Lanes	1	1				
Paved Width (ft)	7.9	7.9				
Lane Width (ft)	7.9	7.9				

Ratings were not obtained for the majority of this section due to debris on the road.

Mount Rainier National Park

ROUTE 0409DZ: LONGMIRE CAMPGROUND LOOP D

Subcomponent of Route MORA-0409ZZ
Manual Rating



Sources: Esri, DeLorme, NAVTEQ, TomTom, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), swisstopo, and the GIS User Community

Route Condition Legend – Pavement Condition Rating (PCR)						
Poor (0 - 60)	Fair (61- 84)	Good (85 - 94)	Excellent (95 - 100)	Not Rated		
See Appendix for definitions and formulas						
Inspection Date: 8/9/2015	Beginning Section MP	0.00				
Paved Length (Miles): 0.09	Section Length (MI)	0.09				
Surface Type: ASPHALT	Route Summary					
Roadway Condition Information						
Pavement Condition Rating (PCR)	0	0				
Surface Condition Rating (SCR)	0	0				
Roughness Condition Index (RCI)	N/A	N/A				
Distress Index Values						
Structural Crack Index	N/A	N/A				
Alligator Crack Index	N/A	N/A				
Longitudinal Crack Index	N/A	N/A				
Transverse Cracking Index	N/A	N/A				
Patching Index	N/A	N/A				
Rutting Index	N/A	N/A				
International Roughness Index (IRI)	N/A	N/A				
Lane & Width Information						
Number of Lanes	1	1				
Paved Width (ft)	10	10				
Lane Width (ft)	10	10				

Pavement is covered with debris and looks unpaved in places.

Mount Rainier National Park

ROUTE 0409DZ: LONGMIRE CAMPGROUND LOOP D

Condition Photos

Condition photos are shown only for manually rated roads. Use the PathView program to see images of DCV rated roads.



MORA_0409DZ_1738.JPG



MORA_0409DZ_1739.JPG



MORA_0409DZ_1740.JPG



MORA_0409DZ_1741.JPG



MORA_0409DZ_1742.JPG



MORA_0409DZ_1744.JPG

Mount Rainier National Park

ROUTE 0409EZ: LONGMIRE CAMPGROUND LOOP E

Subcomponent of Route MORA-0409ZZ
Manual Rating



Sources: Esri, DeLorme, NAVTEQ, TomTom, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), swisstopo, and the GIS User Community

Route Condition Legend – Pavement Condition Rating (PCR)						
Poor (0 - 60)	Fair (61- 84)	Good (85 - 94)	Excellent (95 - 100)	Not Rated		
See Appendix for definitions and formulas						
Inspection Date: 8/9/2015	Beginning Section MP	0.00				
Paved Length (Miles): 0.06	Section Length (MI)	0.06				
Surface Type: ASPHALT	Route Summary					
Roadway Condition Information						
Pavement Condition Rating (PCR)	N/A	N/A				
Surface Condition Rating (SCR)	N/A	N/A				
Roughness Condition Index (RCI)	N/A	N/A				
Distress Index Values						
Structural Crack Index	N/A	N/A				
Alligator Crack Index	N/A	N/A				
Longitudinal Crack Index	N/A	N/A				
Transverse Cracking Index	N/A	N/A				
Patching Index	N/A	N/A				
Rutting Index	N/A	N/A				
International Roughness Index (IRI)	N/A	N/A				
Lane & Width Information						
Number of Lanes	1	1				
Paved Width (ft)	10	10				
Lane Width (ft)	10	10				

Most of the pavement was covered with debris and very rutted.

Mount Rainier National Park

ROUTE 0409EZ: LONGMIRE CAMPGROUND LOOP E

Condition Photos

Condition photos are shown only for manually rated roads. Use the PathView program to see images of DCV rated roads.



MORA_0409EZ_1715.JPG



MORA_0409EZ_1716.JPG



MORA_0409EZ_1717.JPG



MORA_0409EZ_1719.JPG



MORA_0409EZ_1720.JPG

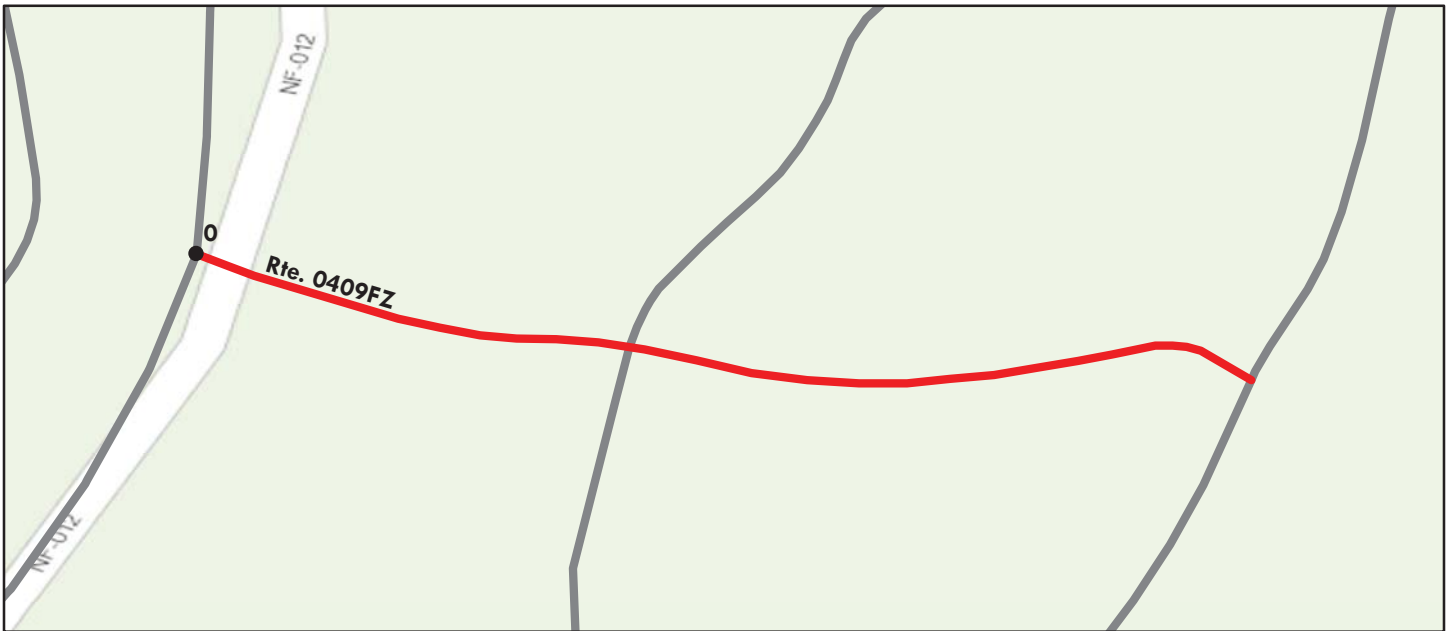


MORA_0409EZ_1721.JPG

Mount Rainier National Park

ROUTE 0409FZ: LONGMIRE CAMPGROUND LOOP F

Subcomponent of Route MORA-0409ZZ
Manual Rating



Sources: Esri, DeLorme, NAVTEQ, TomTom, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), swisstopo, and the GIS User Community

Route Condition Legend – Pavement Condition Rating (PCR)						
Poor (0 - 60)	Fair (61- 84)	Good (85 - 94)	Excellent (95 - 100)	Not Rated		
See Appendix for definitions and formulas						
Inspection Date: 8/9/2015	Beginning Section MP	0.00				
Paved Length (Miles): 0.06	Section Length (MI)	0.06				
Surface Type: ASPHALT	Route Summary					
Roadway Condition Information						
Pavement Condition Rating (PCR)	0	0				
Surface Condition Rating (SCR)	0	0				
Roughness Condition Index (RCI)	N/A	N/A				
Distress Index Values						
Structural Crack Index	N/A	N/A				
Alligator Crack Index	N/A	N/A				
Longitudinal Crack Index	N/A	N/A				
Transverse Cracking Index	N/A	N/A				
Patching Index	N/A	N/A				
Rutting Index	N/A	N/A				
International Roughness Index (IRI)	N/A	N/A				
Lane & Width Information						
Number of Lanes	1	1				
Paved Width (ft)	10	10				
Lane Width (ft)	10	10				

Pavement was covered with debris and looked unpaved in places.

Mount Rainier National Park

ROUTE 0409FZ: LONGMIRE CAMPGROUND LOOP F

Condition Photos

Condition photos are shown only for manually rated roads. Use the PathView program to see images of DCV rated roads.



MORA_0409FZ_1722.JPG



MORA_0409FZ_1723.JPG



MORA_0409FZ_1724.JPG



MORA_0409FZ_1725.JPG



MORA_0409FZ_1726.JPG



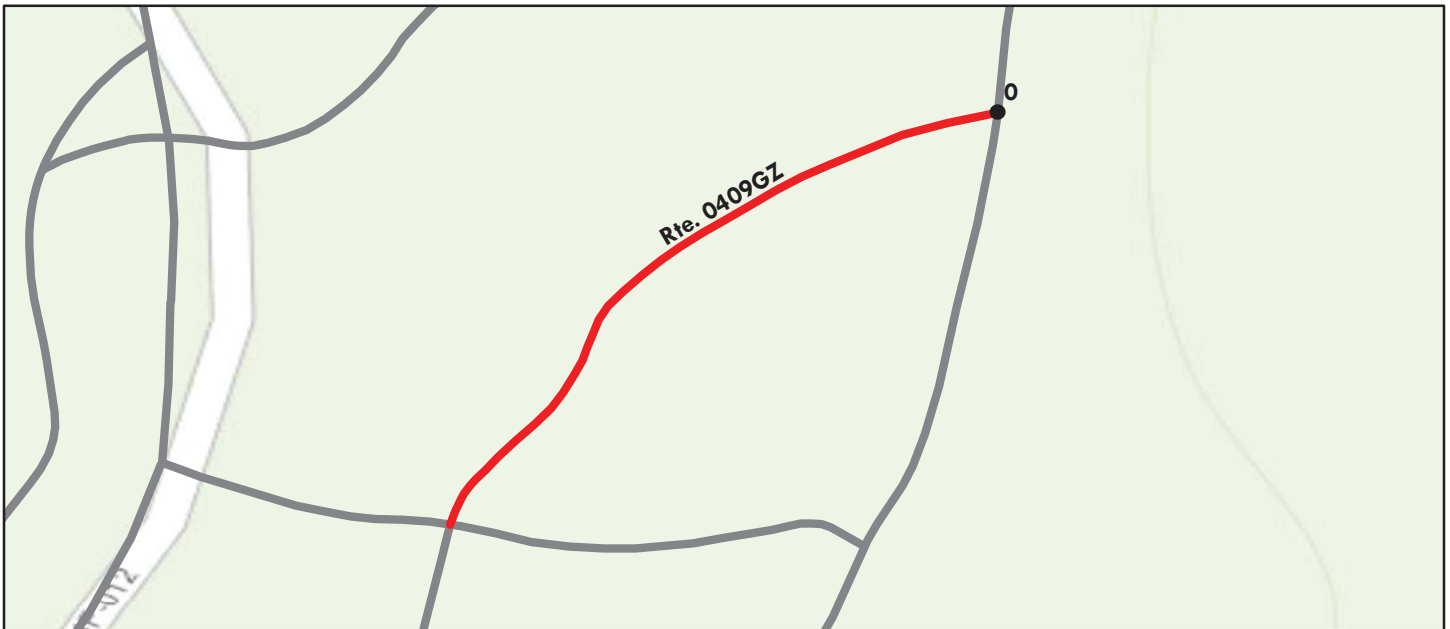
MORA_0409FZ_1727.JPG

Mount Rainier National Park

ROUTE 0409GZ: LONGMIRE CAMPGROUND LOOP G

Subcomponent of Route MORA-0409ZZ

Manual Rating



Sources: Esri, DeLorme, NAVTEQ, TomTom, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), swisstopo, and the GIS User Community

Route Condition Legend – Pavement Condition Rating (PCR)						
Poor (0 - 60)	Fair (61- 84)	Good (85 - 94)	Excellent (95 - 100)	Not Rated		
See Appendix for definitions and formulas						
Inspection Date: 8/9/2015	Beginning Section MP	0.00				
Paved Length (Miles): 0.07	Section Length (MI)	0.07				
Surface Type: ASPHALT	Route Summary					
Roadway Condition Information						
Pavement Condition Rating (PCR)	30	30				
Surface Condition Rating (SCR)	30	30				
Roughness Condition Index (RCI)	N/A	N/A				
Distress Index Values						
Structural Crack Index	N/A	N/A				
Alligator Crack Index	30	30				
Longitudinal Crack Index	30	30				
Transverse Cracking Index	53	53				
Patching Index	30	30				
Rutting Index	53	53				
International Roughness Index (IRI)	N/A	N/A				
Lane & Width Information						
Number of Lanes	1	1				
Paved Width (ft)	10	10				
Lane Width (ft)	10	10				

Mount Rainier National Park

ROUTE 0409GZ: LONGMIRE CAMPGROUND LOOP G

Condition Photos

Condition photos are shown only for manually rated roads. Use the PathView program to see images of DCV rated roads.



MORA_0409GZ_1729.JPG



MORA_0409GZ_1730.JPG



MORA_0409GZ_1731.JPG



MORA_0409GZ_1732.JPG



MORA_0409GZ_1733.JPG

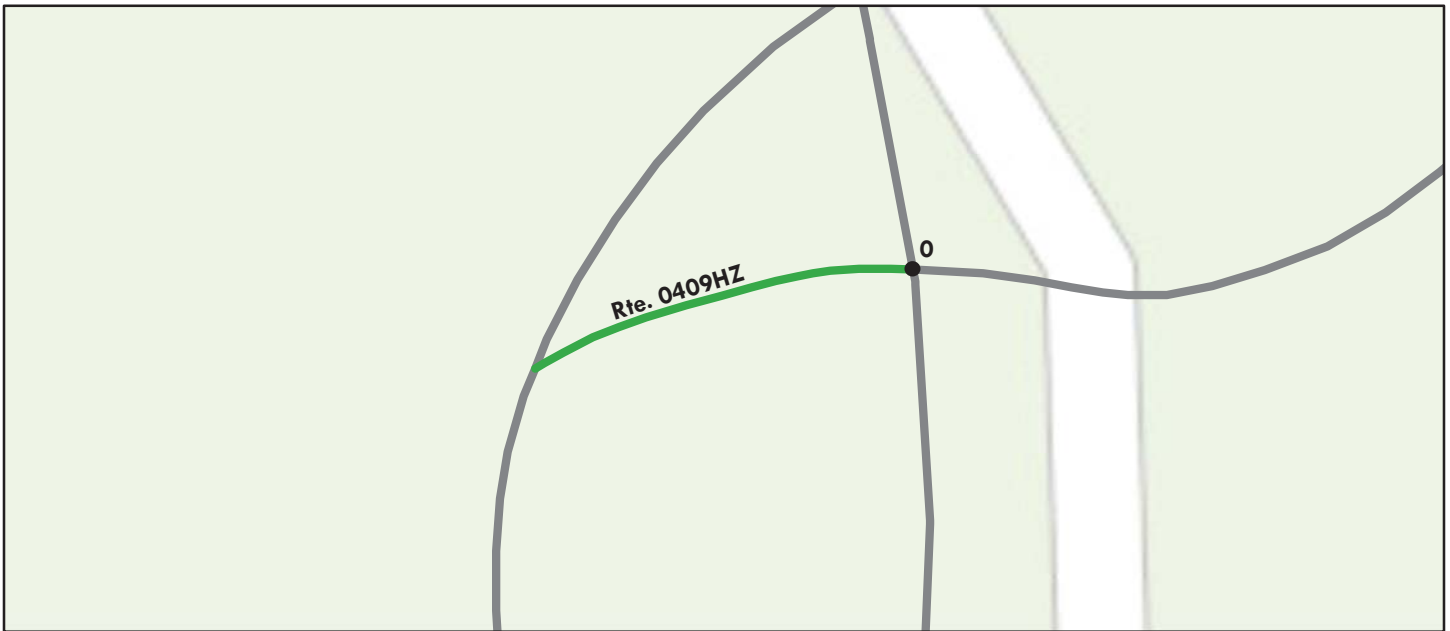


MORA_0409GZ_1734.JPG

Mount Rainier National Park

ROUTE 0409HZ: LONGMIRE CAMPGROUND LOOP H

Subcomponent of Route MORA-0409ZZ
Manual Rating



Sources: Esri, DeLorme, NAVTEQ, TomTom, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), swisstopo, and the GIS User Community

Route Condition Legend – Pavement Condition Rating (PCR)						
Poor (0 - 60)	Fair (61- 84)	Good (85 - 94)	Excellent (95 - 100)	Not Rated		
See Appendix for definitions and formulas						
Inspection Date: 8/9/2015	Beginning Section MP	0.00				
Paved Length (Miles): 0.01	Section Length (MI)	0.01				
Surface Type: ASPHALT	Route Summary					
Roadway Condition Information						
Pavement Condition Rating (PCR)	90	90				
Surface Condition Rating (SCR)	90	90				
Roughness Condition Index (RCI)	N/A	N/A				
Distress Index Values						
Structural Crack Index	N/A	N/A				
Alligator Crack Index	90	90				
Longitudinal Crack Index	97	97				
Transverse Cracking Index	97	97				
Patching Index	97	97				
Rutting Index	90	90				
International Roughness Index (IRI)	N/A	N/A				
Lane & Width Information						
Number of Lanes	1	1				
Paved Width (ft)	10	10				
Lane Width (ft)	10	10				

Mount Rainier National Park

ROUTE 0409HZ: LONGMIRE CAMPGROUND LOOP H

Condition Photos

Condition photos are shown only for manually rated roads. Use the PathView program to see images of DCV rated roads.



MORA_0409HZ_1745.JPG



MORA_0409HZ_1746.JPG

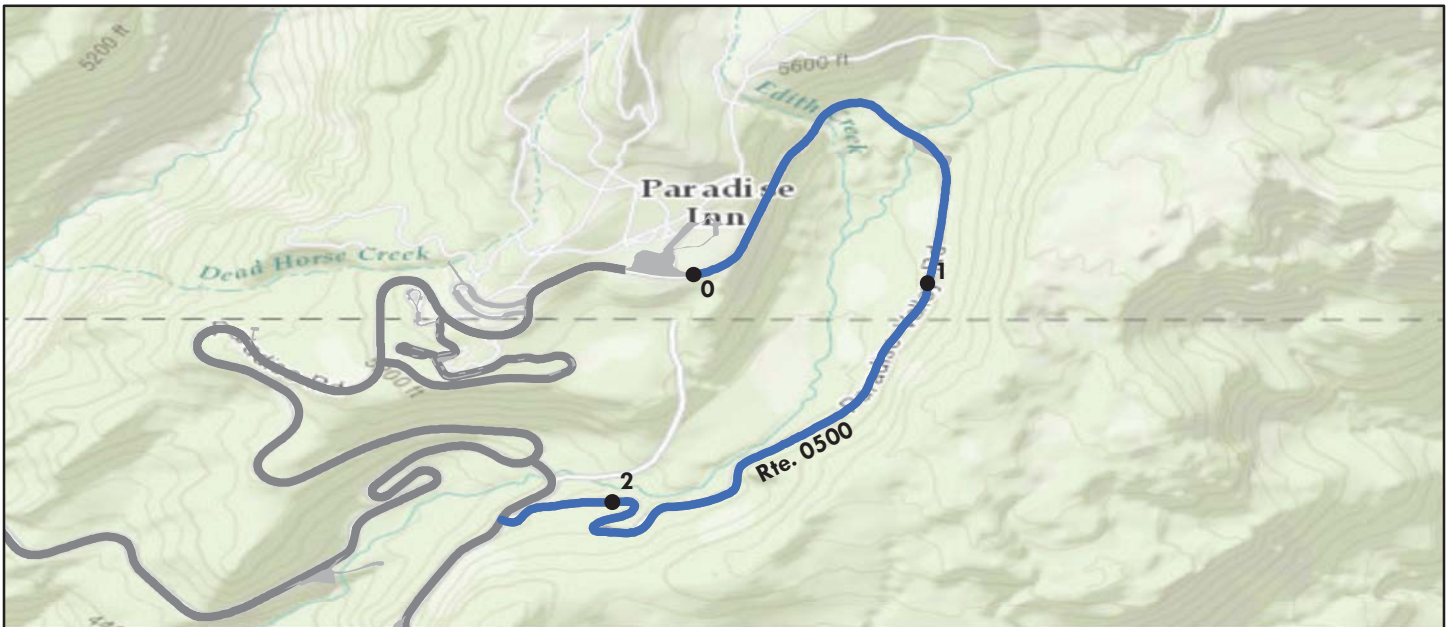


MORA_0409HZ_1747.JPG

Mount Rainier National Park

ROUTE 0500: VALLEY ROAD

Data Collection Vehicle (DCV) Rating



Sources: Esri, DeLorme, NAVTEQ, TomTom, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), swisstopo, and the GIS User Community

Route Condition Legend – Pavement Condition Rating (PCR)						
Poor (0 - 60)	Fair (61- 84)	Good (85 - 94)	Excellent (95 - 100)	Not Rated		
See Appendix for definitions and formulas						
Inspection Date: 8/7/2015	Beginning Section MP	0	1	2		
Paved Length (Miles): 2.2	Section Length (MI)	1	1	0.2		
Surface Type: ASPHALT	Route Summary					
Roadway Condition Information						
Pavement Condition Rating (PCR)	99	99	100	100		
Surface Condition Rating (SCR)	99	99	100	100		
Roughness Condition Index (RCI)	N/A	N/A	N/A	N/A		
Distress Index Values						
Structural Crack Index	100	100	100	100		
Alligator Crack Index	100	100	100	100		
Longitudinal Crack Index	100	100	100	100		
Transverse Cracking Index	100	100	100	100		
Patching Index	100	100	100	100		
Rutting Index	99	99	100	100		
International Roughness Index (IRI)	N/A	N/A	N/A	N/A		
Lane & Width Information						
Number of Lanes	1	1	1	1		
Paved Width (ft)	21.6	22.5	21	19.8		
Lane Width (ft)	16.1	17	15.1	17.6		

Section 6 Paved Parking Area Condition Rating Sheets



Mount Rainier National Park



Federal Lands Highway
Road Inventory Program

Mount Rainier National Park

ROUTE 0900: TAHOMA WOODS RESIDENTIAL PARKING

Manual Rating

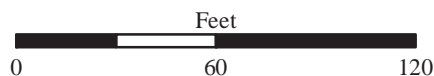
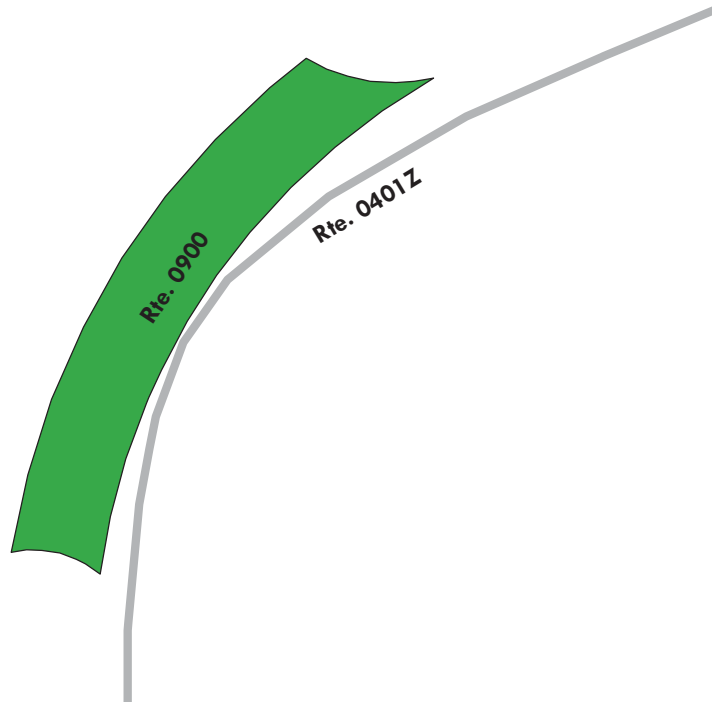
ADJACENT TO ROUTE 0401Z (TAHOMA WOODS RESIDENTIAL ROAD) AT MP 0.73 ON RIGHT

Inspection Date	FMSS Number	User Access	Surface Type
8/7/2015	40236	PUBLIC	ASPHALT
Area (Sq. Ft.)	Lane Miles (11' Widths)	Curb Reveal (Inches)	Curb Recommendation
3,213	0.055	NOT APPLICABLE	DO NOTHING
Curb Type		Curb & Gutter Type	
NO CURB		CONCRETE	
Pavement Recommendation		Condition Rating / PCR	
PREVENTIVE MAINTENANCE		GOOD / 90	

Route Condition Legend – Pavement Condition Rating (PCR)

Poor (0 - 60)	Fair (61- 84)	Good (85 - 94)	Excellent (95 - 100)	Not Rated
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See Appendix for definitions and formulas



Mount Rainier National Park

ROUTE 0901: NISQUALLY ENTRANCE SERVICE AREA PARKING

Manual Rating

FROM ROUTE 0014 (STATE ROUTE 706 (NISQUALLY ROAD)) AT MP 0.02

TO PARKING

Inspection Date	FMSS Number	User Access	Surface Type
8/7/2015	40237	NONPUBLIC	ASPHALT
Area (Sq. Ft.)	Lane Miles (11' Widths)	Curb Reveal (Inches)	Curb Recommendation
10,536	0.181	NOT APPLICABLE	NOT APPLICABLE
Curb Type		Curb & Gutter Type	
NO CURB		NO CURB AND GUTTER	
Pavement Recommendation		Condition Rating / PCR	
PREVENTIVE MAINTENANCE		GOOD / 90	

Route Condition Legend – Pavement Condition Rating (PCR)

Poor (0 - 60)

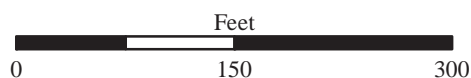
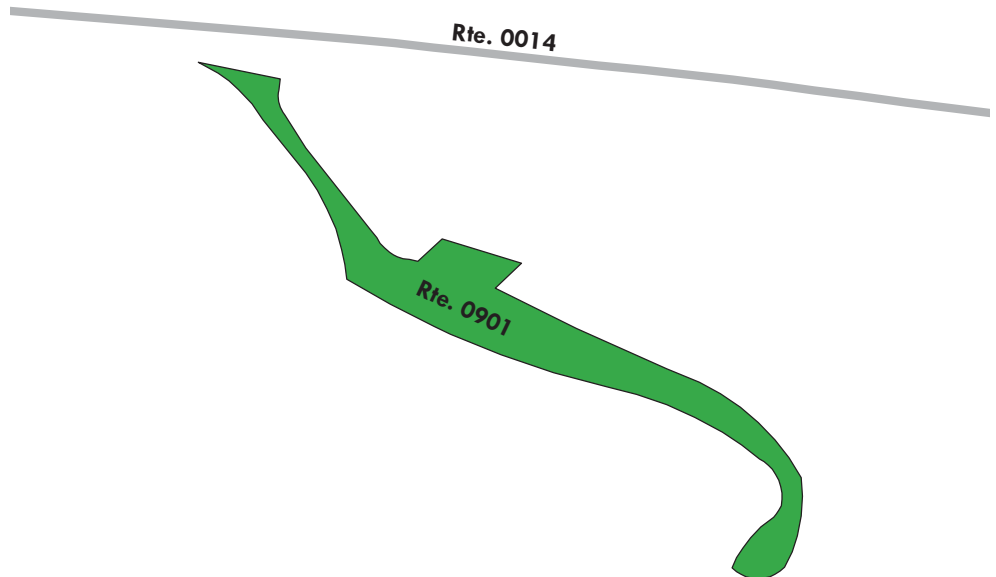
Fair (61- 84)

Good (85 - 94)

Excellent (95 - 100)

Not Rated

See Appendix for definitions and formulas



Mount Rainier National Park

ROUTE 0902: KAUTZ CREEK TRAILHEAD PARKING

Manual Rating

FROM ROUTE 0014 (STATE ROUTE 706 (NISQUALLY ROAD)) AT MP 3.48

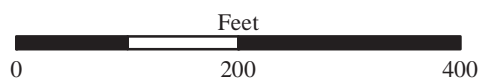
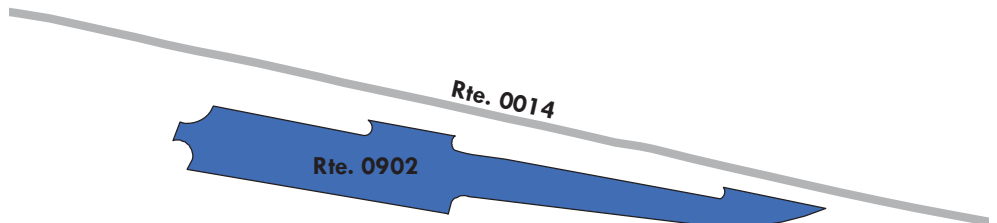
TO ROUTE 0014 (STATE ROUTE 706 (NISQUALLY ROAD))

Inspection Date	FMSS Number	User Access	Surface Type
8/7/2015	20241	PUBLIC	ASPHALT
Area (Sq. Ft.)	Lane Miles (11' Widths)	Curb Reveal (Inches)	Curb Recommendation
17,040	0.293	6	DO NOTHING
Curb Type		Curb & Gutter Type	
STONE		NO CURB AND GUTTER	
Pavement Recommendation		Condition Rating / PCR	
DO NOTHING		EXCELLENT / 97	

Route Condition Legend – Pavement Condition Rating (PCR)

Poor (0 - 60)	Fair (61- 84)	Good (85 - 94)	Excellent (95 - 100)	Not Rated
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See Appendix for definitions and formulas



Mount Rainier National Park

ROUTE 0903: LONGMIRE NATIONAL PARK INN PARKING LOOP

Manual Rating

FROM ROUTE 0014 (STATE ROUTE 706 (NISQUALLY ROAD)) AT MP 6.36

TO ROUTE 0100 (LONGMIRE SOUTH BACK GATE ROAD)

Inspection Date	FMSS Number	User Access	Surface Type
8/9/2015	20243	PUBLIC	ASPHALT
Area (Sq. Ft.)	Lane Miles (11' Widths)	Curb Reveal (Inches)	Curb Recommendation
58,386	1.005	NOT APPLICABLE	NOT APPLICABLE
Curb Type		Curb & Gutter Type	
NO CURB		NO CURB AND GUTTER	
Pavement Recommendation		Condition Rating / PCR	
PREVENTIVE MAINTENANCE		GOOD / 90	

Route Condition Legend – Pavement Condition Rating (PCR)

Poor (0 - 60)

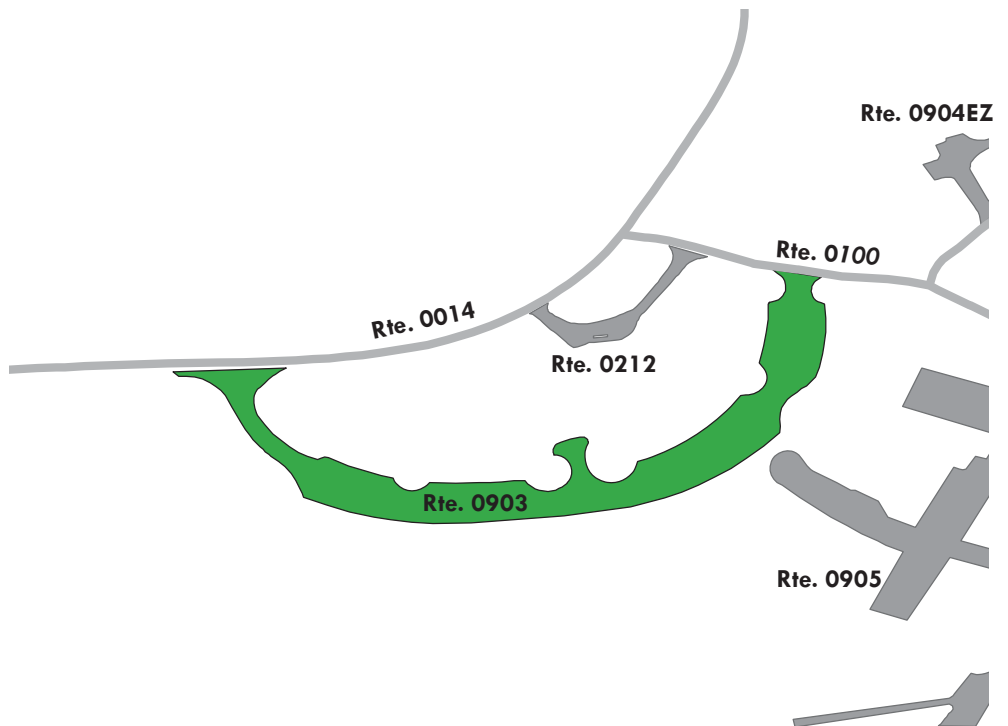
Fair (61- 84)

Good (85 - 94)

Excellent (95 - 100)

Not Rated

See Appendix for definitions and formulas



Mount Rainier National Park

ROUTE 0904ZZ: LONGMIRE RESIDENCE AREA #1 PARKING AREAS

Summary Route
Manual Rating

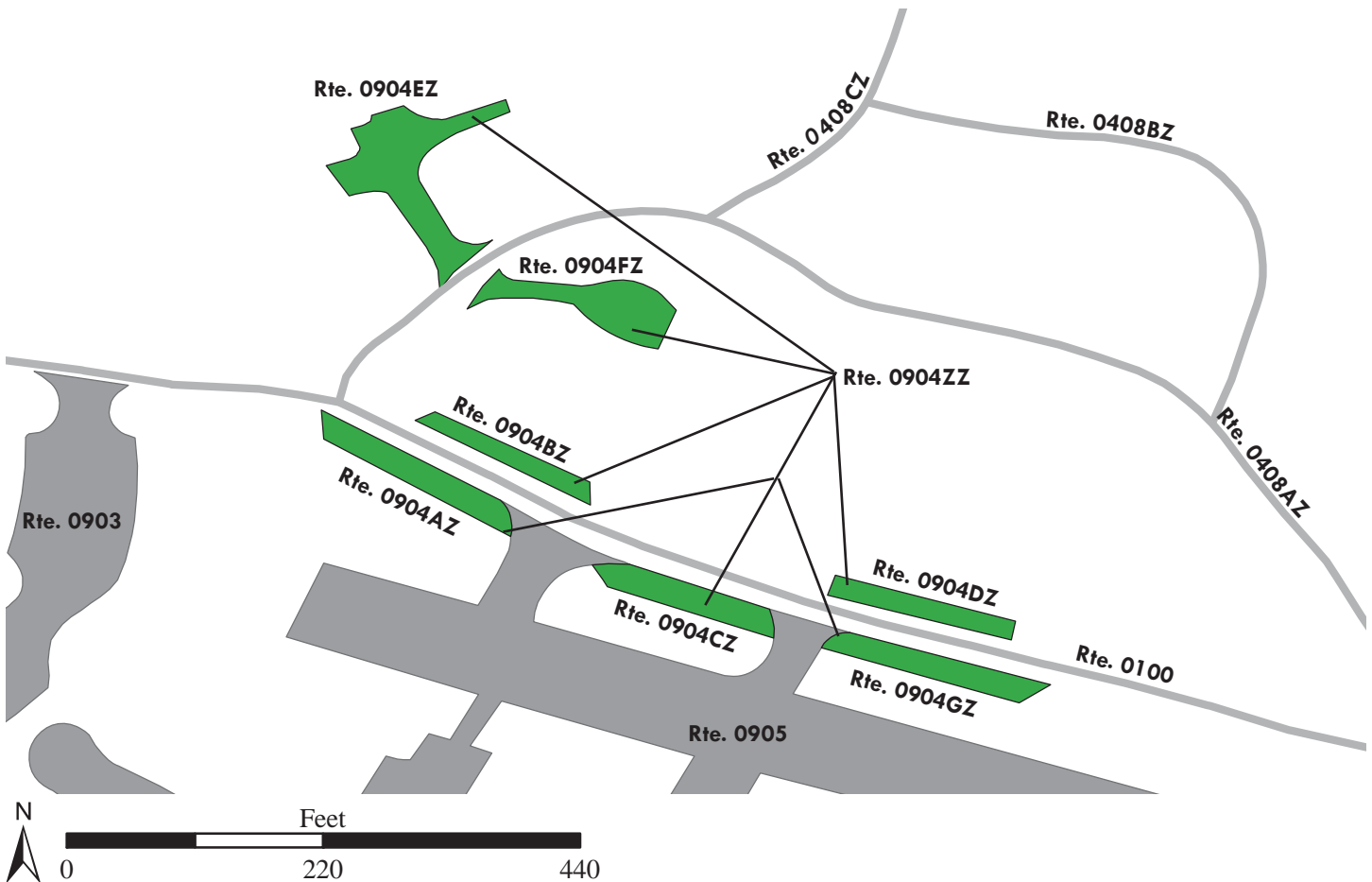
FROM ROUTE 0100 (LONGMIRE SOUTH BACK GATE ROAD) ON LEFT AND RIGHT AND ROUTE 0408ZZ
(ROAD RESIDENTIAL (LONGMIRE))

TO PARKING

Inspection Date	FMSS Number	User Access	Surface Type
8/9/2015	20201	NONPUBLIC	ASPHALT
Area (Sq. Ft.)	Lane Miles (11' Widths)	Condition Rating / PCR	
20,059	0.345	SUMMARY / 90	

Route Condition Legend – Pavement Condition Rating (PCR)				
Poor (0 - 60)	Fair (61- 84)	Good (85 - 94)	Excellent (95 - 100)	Not Rated
See Appendix for definitions and formulas				

The condition shown on this page reflects the overall route condition and may not reflect individual subcomponent ratings.



Mount Rainier National Park

ROUTE 0904AZ: LONGMIRE RESIDENCE AREA #1 PARKING A

Subcomponent of Route MORA-0904ZZ

Manual Rating

ADJACENT TO ROUTE 0100 (LONGMIRE SOUTH BACK GATE ROAD) ON RIGHT

Inspection Date	FMSS Number	User Access	Surface Type
8/9/2015	20201	NONPUBLIC	ASPHALT
Area (Sq. Ft.)	Lane Miles (11' Widths)	Curb Reveal (Inches)	Curb Recommendation
2,796	0.048	NOT APPLICABLE	NOT APPLICABLE
Curb Type		Curb & Gutter Type	
NO CURB		NO CURB AND GUTTER	
Pavement Recommendation		Condition Rating / PCR	
PREVENTIVE MAINTENANCE		GOOD / 90	

Route Condition Legend – Pavement Condition Rating (PCR)

Poor (0 - 60)

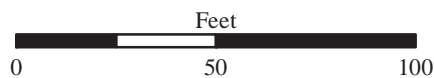
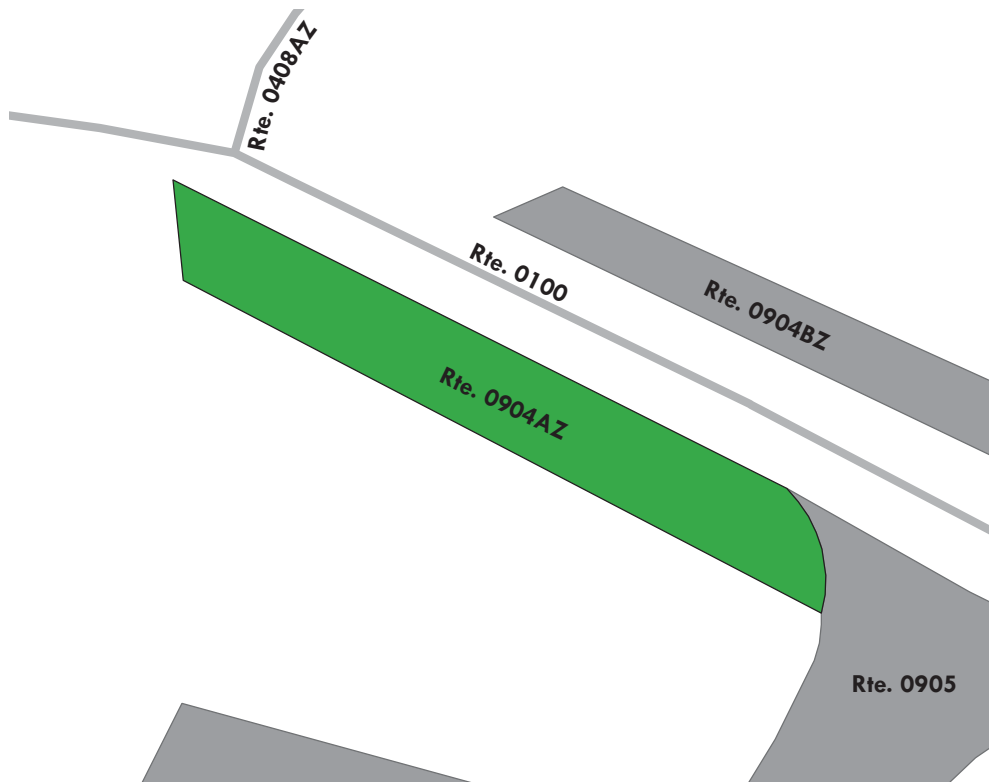
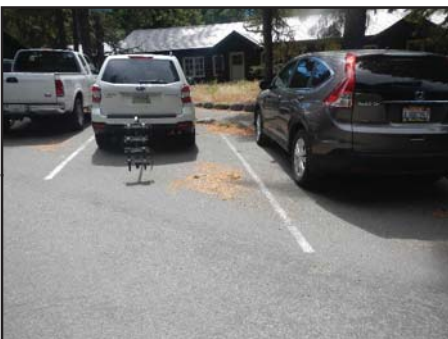
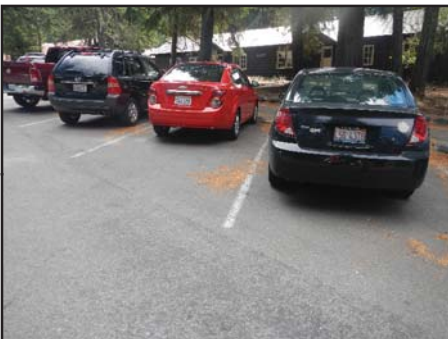
Fair (61- 84)

Good (85 - 94)

Excellent (95 - 100)

Not Rated

See Appendix for definitions and formulas



Mount Rainier National Park

ROUTE 0904BZ: LONGMIRE RESIDENCE AREA #1 PARKING B

Subcomponent of Route MORA-0904ZZ

Manual Rating

ADJACENT TO ROUTE 0100 (LONGMIRE SOUTH BACK GATE ROAD) ON LEFT

Inspection Date	FMSS Number	User Access	Surface Type
8/9/2015	20201	NONPUBLIC	ASPHALT
Area (Sq. Ft.)	Lane Miles (11' Widths)	Curb Reveal (Inches)	Curb Recommendation
1,701	0.029	NOT APPLICABLE	NOT APPLICABLE
Curb Type		Curb & Gutter Type	
NO CURB		NO CURB AND GUTTER	
Pavement Recommendation		Condition Rating / PCR	
PREVENTIVE MAINTENANCE		GOOD / 90	

Route Condition Legend – Pavement Condition Rating (PCR)

Poor (0 - 60)

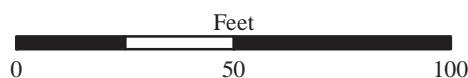
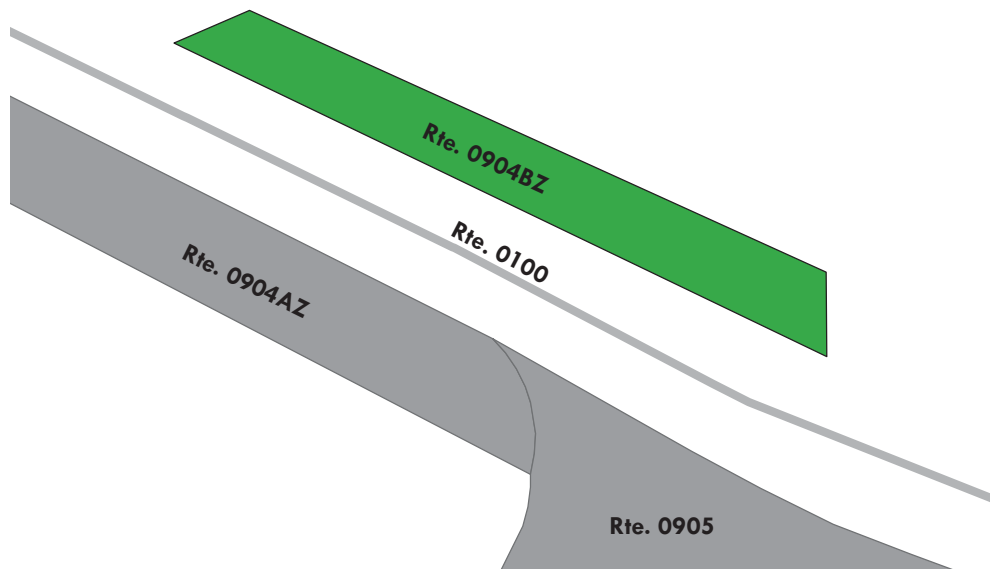
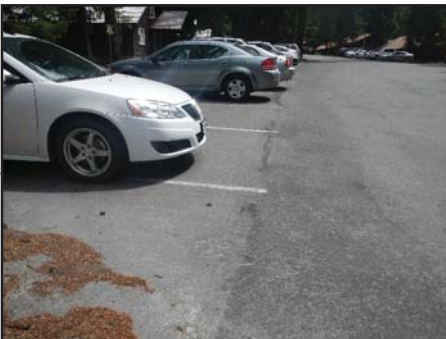
Fair (61- 84)

Good (85 - 94)

Excellent (95 - 100)

Not Rated

See Appendix for definitions and formulas



Mount Rainier National Park

ROUTE 0904CZ: LONGMIRE RESIDENCE AREA #1 PARKING C

Subcomponent of Route MORA-0904ZZ

Manual Rating

ADJACENT TO ROUTE 0100 (LONGMIRE SOUTH BACK GATE ROAD) ON RIGHT

Inspection Date	FMSS Number	User Access	Surface Type
8/9/2015	20201	NONPUBLIC	ASPHALT
Area (Sq. Ft.)	Lane Miles (11' Widths)	Curb Reveal (Inches)	Curb Recommendation
2,429	0.042	NOT APPLICABLE	NOT APPLICABLE
Curb Type		Curb & Gutter Type	
NO CURB		NO CURB AND GUTTER	
Pavement Recommendation		Condition Rating / PCR	
PREVENTIVE MAINTENANCE		GOOD / 90	

Route Condition Legend – Pavement Condition Rating (PCR)

Poor (0 - 60)

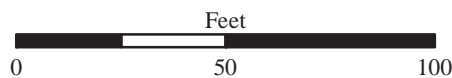
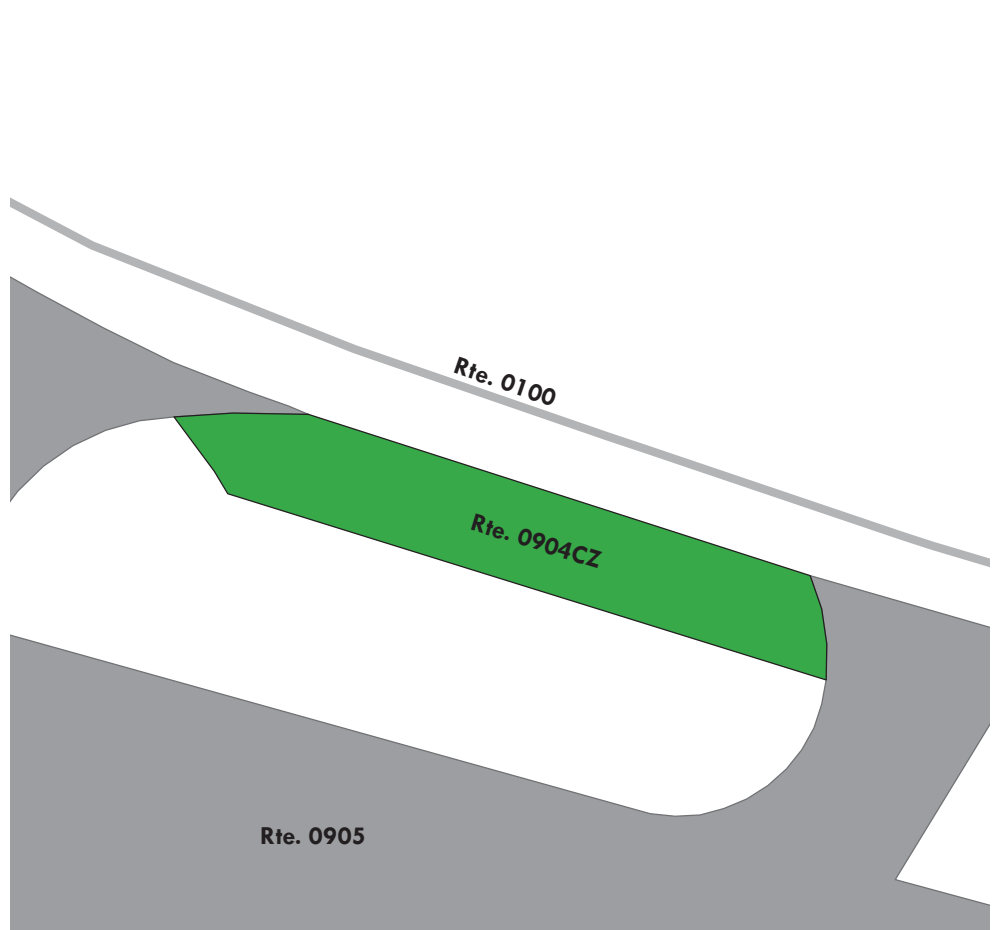
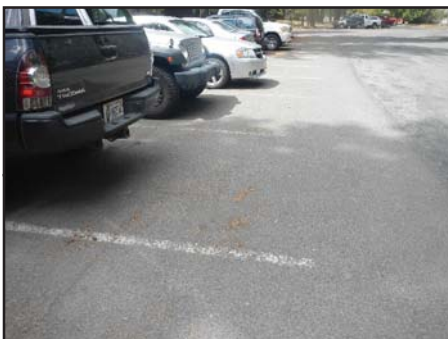
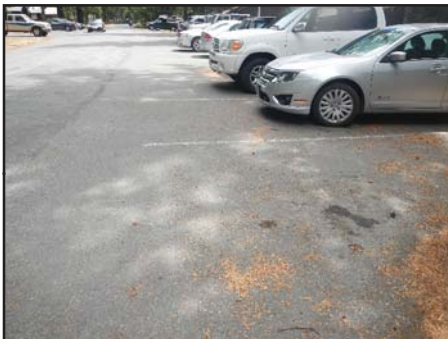
Fair (61- 84)

Good (85 - 94)

Excellent (95 - 100)

Not Rated

See Appendix for definitions and formulas



Mount Rainier National Park

ROUTE 0904DZ: LONGMIRE RESIDENCE AREA #1 PARKING D

Subcomponent of Route MORA-0904ZZ

Manual Rating

ADJACENT TO ROUTE 0100 (LONGMIRE SOUTH BACK GATE ROAD) ON LEFT

Inspection Date	FMSS Number	User Access	Surface Type
8/9/2015	20201	NONPUBLIC	ASPHALT
Area (Sq. Ft.)	Lane Miles (11' Widths)	Curb Reveal (Inches)	Curb Recommendation
1,902	0.033	NOT APPLICABLE	NOT APPLICABLE
Curb Type		Curb & Gutter Type	
NO CURB		NO CURB AND GUTTER	
Pavement Recommendation		Condition Rating / PCR	
PREVENTIVE MAINTENANCE		GOOD / 90	

Route Condition Legend – Pavement Condition Rating (PCR)

Poor (0 - 60)

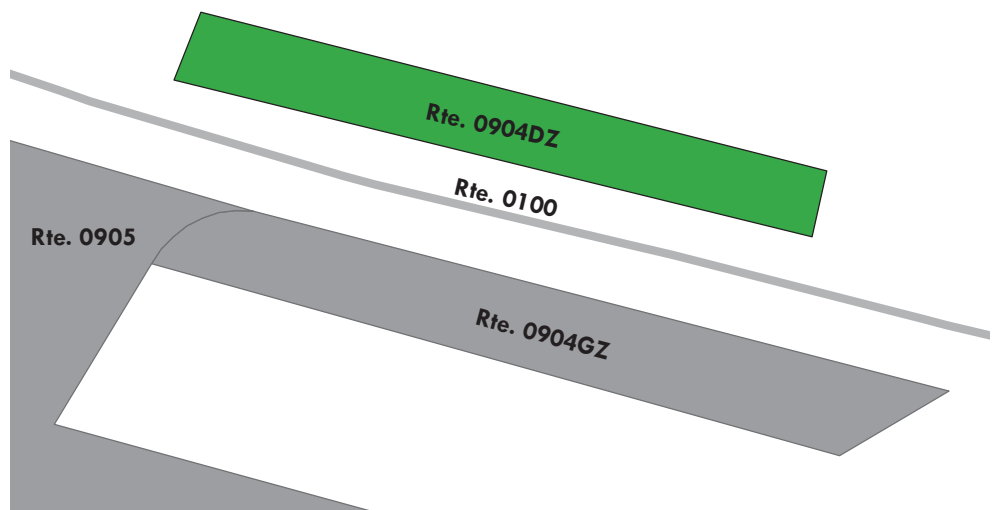
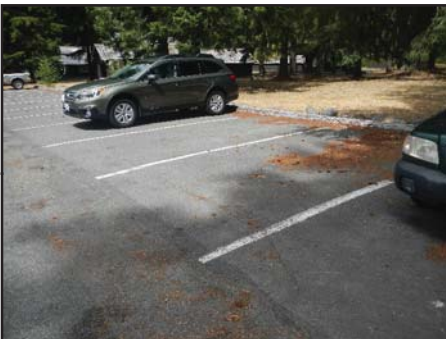
Fair (61- 84)

Good (85 - 94)

Excellent (95 - 100)

Not Rated

See Appendix for definitions and formulas



Mount Rainier National Park

ROUTE 0904EZ: LONGMIRE RESIDENCE AREA #1 PARKING E

Subcomponent of Route MORA-0904ZZ

Manual Rating

FROM ROUTE 0408AZ (LONGMIRE RESIDENTIAL ROAD A)

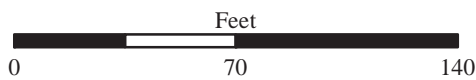
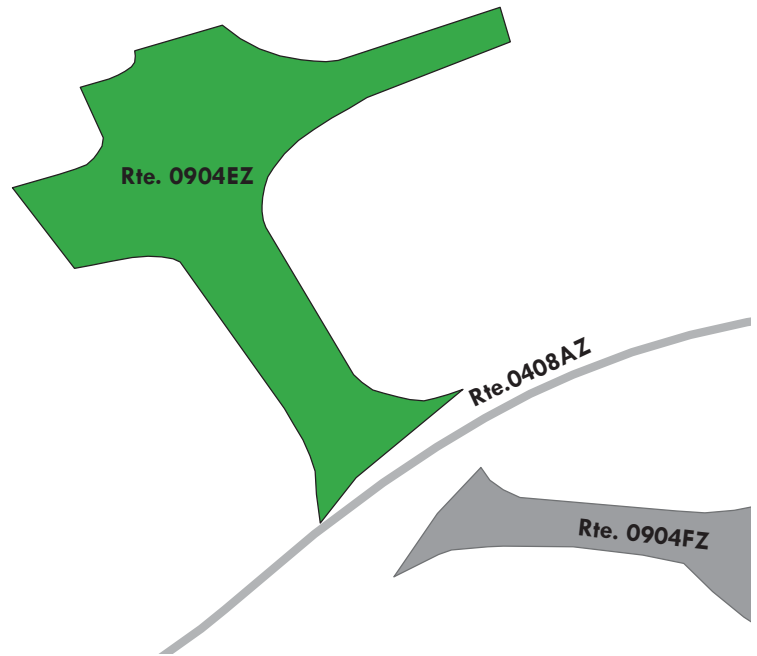
TO PARKING

Inspection Date	FMSS Number	User Access	Surface Type
8/9/2015	20201	NONPUBLIC	ASPHALT
Area (Sq. Ft.)	Lane Miles (11' Widths)	Curb Reveal (Inches)	Curb Recommendation
5,354	0.092	NOT APPLICABLE	NOT APPLICABLE
Curb Type		Curb & Gutter Type	
NO CURB		NO CURB AND GUTTER	
Pavement Recommendation		Condition Rating / PCR	
PREVENTIVE MAINTENANCE		GOOD / 90	

Route Condition Legend – Pavement Condition Rating (PCR)

Poor (0 - 60)	Fair (61- 84)	Good (85 - 94)	Excellent (95 - 100)	Not Rated
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See Appendix for definitions and formulas



Mount Rainier National Park

ROUTE 0904FZ: LONGMIRE RESIDENCE AREA #1 PARKING F

Subcomponent of Route MORA-0904ZZ

Manual Rating

FROM ROUTE 0408AZ (LONGMIRE RESIDENTIAL ROAD A)

TO PARKING

Inspection Date	FMSS Number	User Access	Surface Type
8/9/2015	20201	NONPUBLIC	ASPHALT
Area (Sq. Ft.)	Lane Miles (11' Widths)	Curb Reveal (Inches)	Curb Recommendation
3,299	0.057	NOT APPLICABLE	NOT APPLICABLE
Curb Type		Curb & Gutter Type	
NO CURB		NO CURB AND GUTTER	
Pavement Recommendation		Condition Rating / PCR	
PREVENTIVE MAINTENANCE		GOOD / 90	

Route Condition Legend – Pavement Condition Rating (PCR)

Poor (0 - 60)

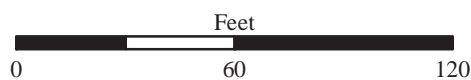
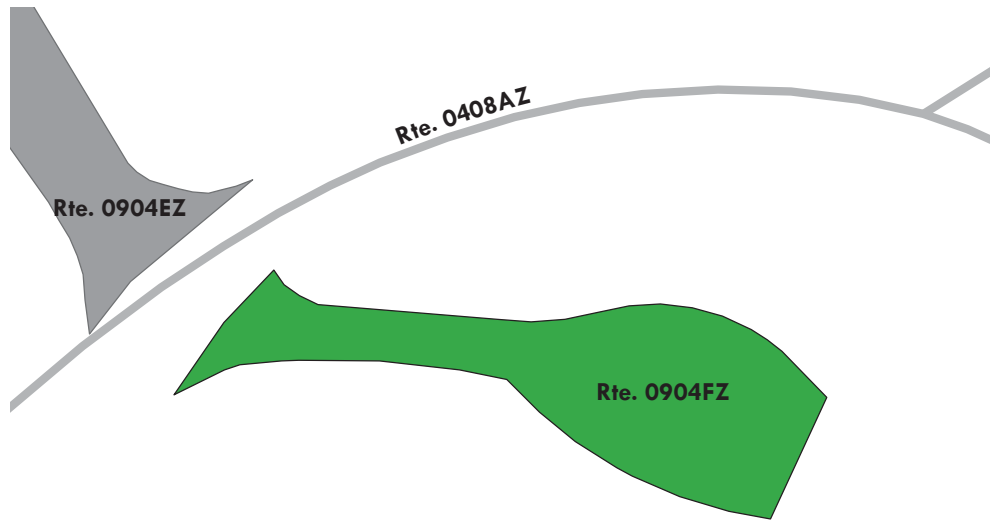
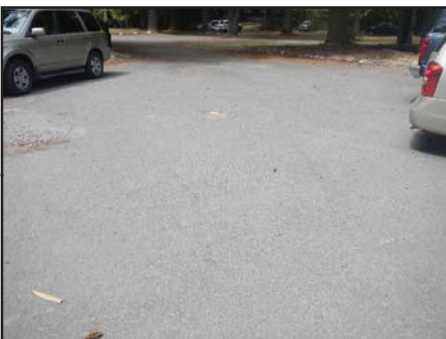
Fair (61- 84)

Good (85 - 94)

Excellent (95 - 100)

Not Rated

See Appendix for definitions and formulas



Mount Rainier National Park

ROUTE 0904GZ: LONGMIRE RESIDENCE AREA #1 PARKING G

Subcomponent of Route MORA-0904ZZ

Manual Rating

ADJACENT TO ROUTE 0100 (LONGMIRE SOUTH BACK GATE ROAD) ON RIGHT

Inspection Date	FMSS Number	User Access	Surface Type
8/9/2015	20201	NONPUBLIC	ASPHALT
Area (Sq. Ft.)	Lane Miles (11' Widths)	Curb Reveal (Inches)	Curb Recommendation
2,578	0.044	NOT APPLICABLE	NOT APPLICABLE
Curb Type		Curb & Gutter Type	
NO CURB		NO CURB AND GUTTER	
Pavement Recommendation		Condition Rating / PCR	
PREVENTIVE MAINTENANCE		GOOD / 90	

Route Condition Legend – Pavement Condition Rating (PCR)

Poor (0 - 60)

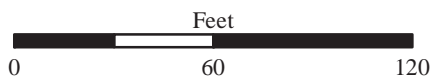
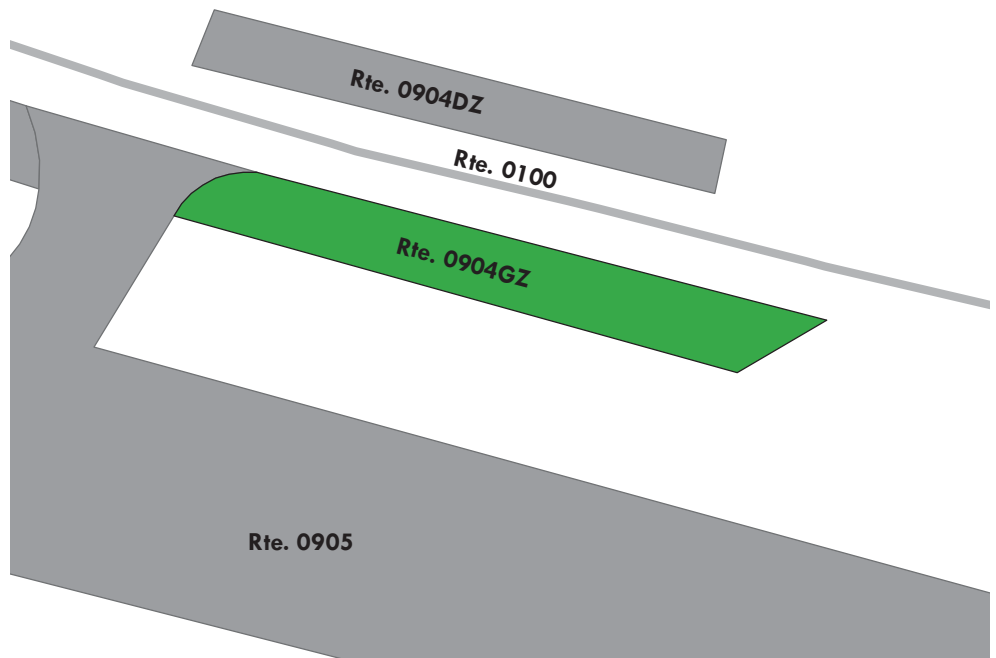
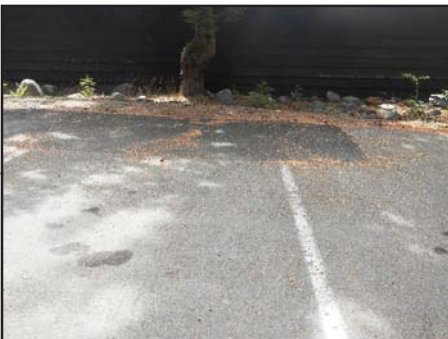
Fair (61- 84)

Good (85 - 94)

Excellent (95 - 100)

Not Rated

See Appendix for definitions and formulas



Mount Rainier National Park

ROUTE 0905: LONGMIRE MAINTENANCE AREA #2 PARKING

Manual Rating

FROM ROUTE 0100 (LONGMIRE SOUTH BACK GATE ROAD) AT MP 0.10

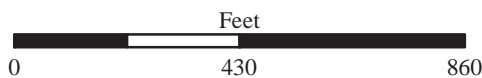
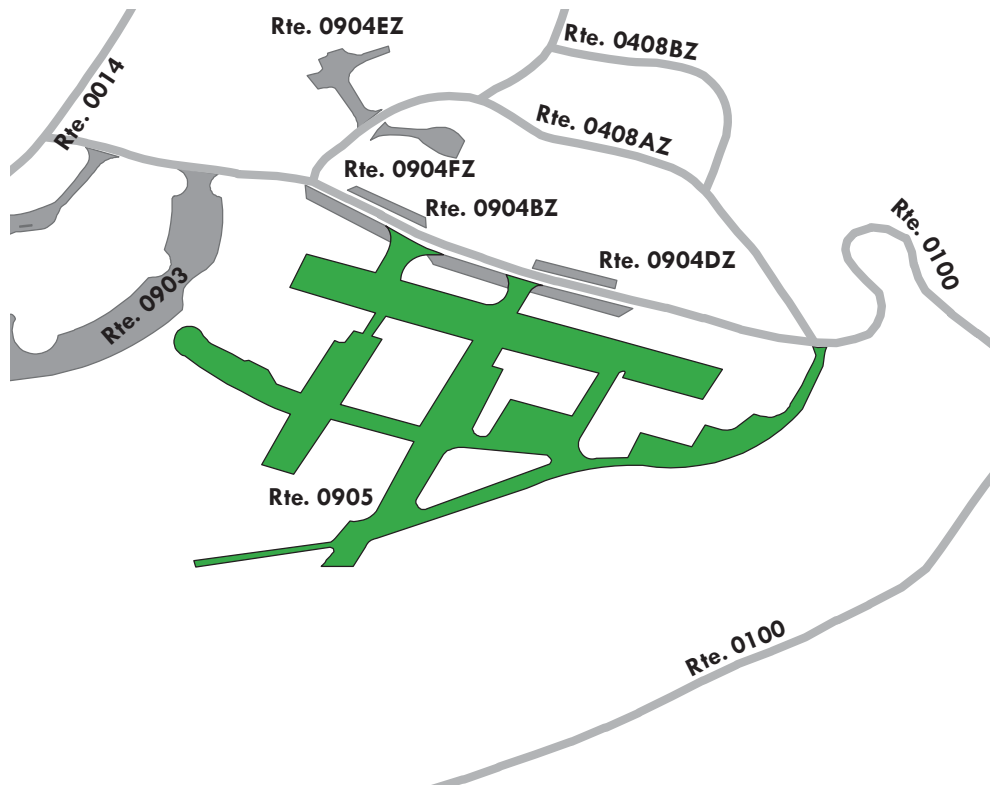
TO ROUTE 0100 (LONGMIRE SOUTH BACK GATE ROAD)

Inspection Date	FMSS Number	User Access	Surface Type
8/9/2015	20202	NONPUBLIC	ASPHALT
Area (Sq. Ft.)	Lane Miles (11' Widths)	Curb Reveal (Inches)	Curb Recommendation
132,457	2.281	NOT APPLICABLE	NOT APPLICABLE
Curb Type		Curb & Gutter Type	
NO CURB		NO CURB AND GUTTER	
Pavement Recommendation		Condition Rating / PCR	
PREVENTIVE MAINTENANCE		GOOD / 90	

Route Condition Legend – Pavement Condition Rating (PCR)

Poor (0 - 60)	Fair (61- 84)	Good (85 - 94)	Excellent (95 - 100)	Not Rated
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See Appendix for definitions and formulas



Mount Rainier National Park

ROUTE 0906: MATERNITY CURVE PARKING

Manual Rating

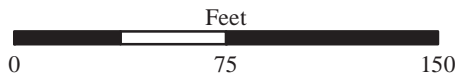
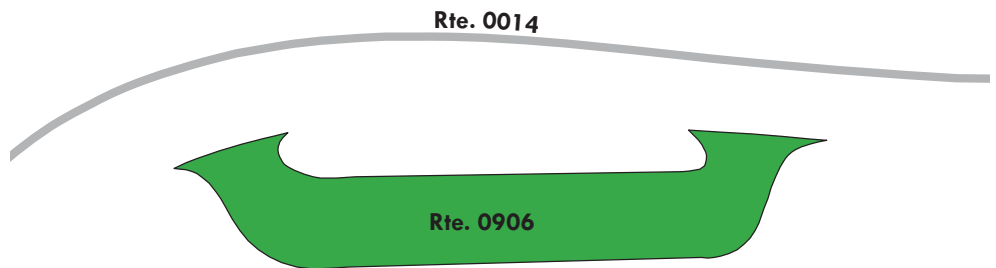
FROM ROUTE 0014 (STATE ROUTE 706 (NISQUALLY ROAD)) ON RIGHT
TO ROUTE 0014 (STATE ROUTE 706 (NISQUALLY ROAD))

Inspection Date	FMSS Number	User Access	Surface Type
8/8/2015	247128	PUBLIC	ASPHALT
Area (Sq. Ft.)	Lane Miles (11' Widths)	Curb Reveal (Inches)	Curb Recommendation
4,521	0.078	5	LIGHT REPAIR
Curb Type		Curb & Gutter Type	
ASPHALT		NO CURB AND GUTTER	
Pavement Recommendation		Condition Rating / PCR	
PREVENTIVE MAINTENANCE		GOOD / 90	

Route Condition Legend – Pavement Condition Rating (PCR)

Poor (0 - 60)	Fair (61- 84)	Good (85 - 94)	Excellent (95 - 100)	Not Rated
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See Appendix for definitions and formulas



Mount Rainier National Park

ROUTE 0907ZZ: COUGAR ROCK PICNIC AREA PARKING COMPLEX

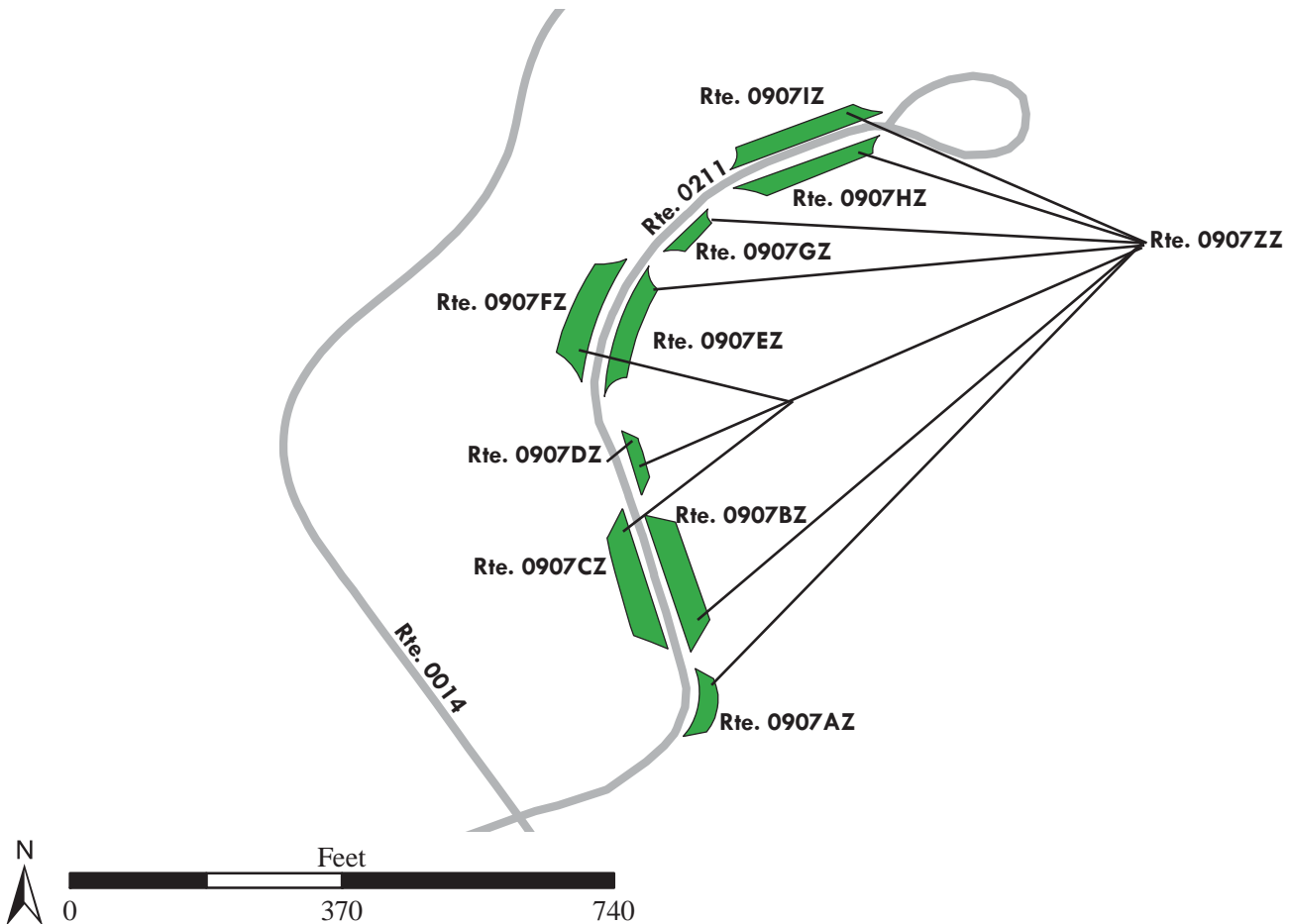
Summary Route
Manual Rating

ADJACENT TO ROUTE 0211 (COUGAR ROCK PICNIC AREA ROAD) ON RIGHT AND LEFT

Inspection Date	FMSS Number	User Access	Surface Type
8/7/2015	20246	PUBLIC	ASPHALT
Area (Sq. Ft.)	Lane Miles (11' Widths)	Condition Rating / PCR	
24,549	0.424	SUMMARY / 90	

Route Condition Legend – Pavement Condition Rating (PCR)				
Poor (0 - 60)	Fair (61- 84)	Good (85 - 94)	Excellent (95 - 100)	Not Rated
See Appendix for definitions and formulas				

The condition shown on this page reflects the overall route condition and may not reflect individual subcomponent ratings.



Mount Rainier National Park

ROUTE 0907AZ: COUGAR ROCK PICNIC AREA PARKING A

Subcomponent of Route MORA-0907ZZ

Manual Rating

ADJACENT TO ROUTE 0211 (COUGAR ROCK PICNIC AREA ROAD) ON RIGHT AT MP 0.04

Inspection Date	FMSS Number	User Access	Surface Type
8/7/2015	20246	PUBLIC	ASPHALT
Area (Sq. Ft.)	Lane Miles (11' Widths)	Curb Reveal (Inches)	Curb Recommendation
1,439	0.025	5	DO NOTHING
Curb Type		Curb & Gutter Type	
WOOD		NO CURB AND GUTTER	
Pavement Recommendation		Condition Rating / PCR	
PREVENTIVE MAINTENANCE		GOOD / 90	

Route Condition Legend – Pavement Condition Rating (PCR)

Poor (0 - 60)

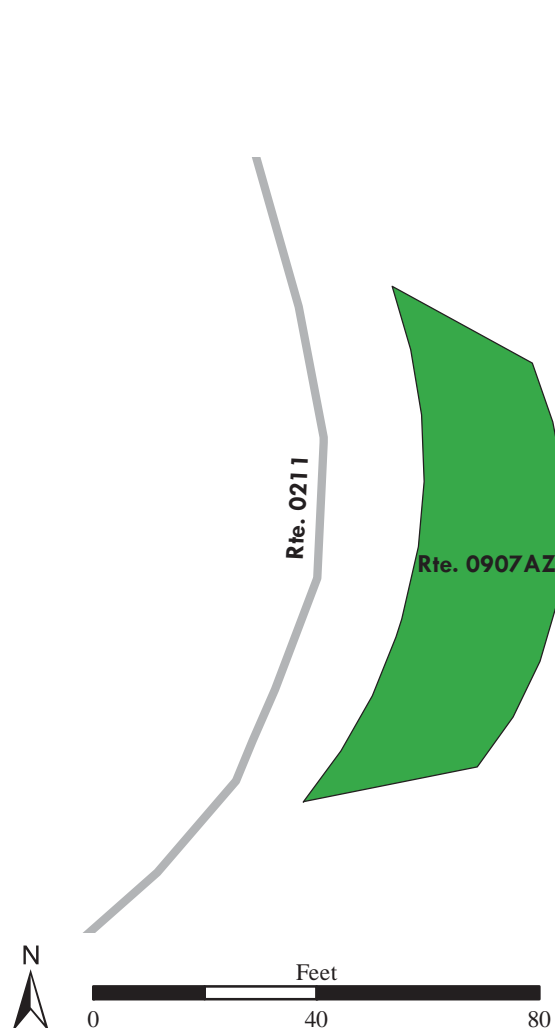
Fair (61- 84)

Good (85 - 94)

Excellent (95 - 100)

Not Rated

See Appendix for definitions and formulas



Mount Rainier National Park

ROUTE 0907BZ: COUGAR ROCK PICNIC AREA PARKING B

Subcomponent of Route MORA-0907ZZ
Manual Rating

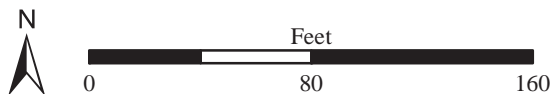
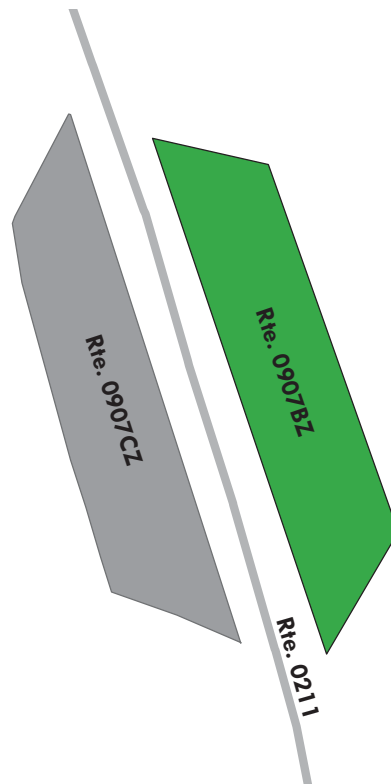
ADJACENT TO ROUTE 0211 (COUGAR ROCK PICNIC AREA ROAD) ON RIGHT AT MP 0.07

Inspection Date	FMSS Number	User Access	Surface Type
8/7/2015	20246	PUBLIC	ASPHALT
Area (Sq. Ft.)	Lane Miles (11' Widths)	Curb Reveal (Inches)	Curb Recommendation
4,368	0.075	5	DO NOTHING
Curb Type		Curb & Gutter Type	
WOOD		NO CURB AND GUTTER	
Pavement Recommendation		Condition Rating / PCR	
PREVENTIVE MAINTENANCE		GOOD / 90	

Route Condition Legend – Pavement Condition Rating (PCR)

Poor (0 - 60)	Fair (61- 84)	Good (85 - 94)	Excellent (95 - 100)	Not Rated
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See Appendix for definitions and formulas



Mount Rainier National Park

ROUTE 0907CZ: COUGAR ROCK PICNIC AREA PARKING C

Subcomponent of Route MORA-0907ZZ
Manual Rating

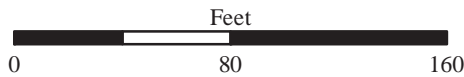
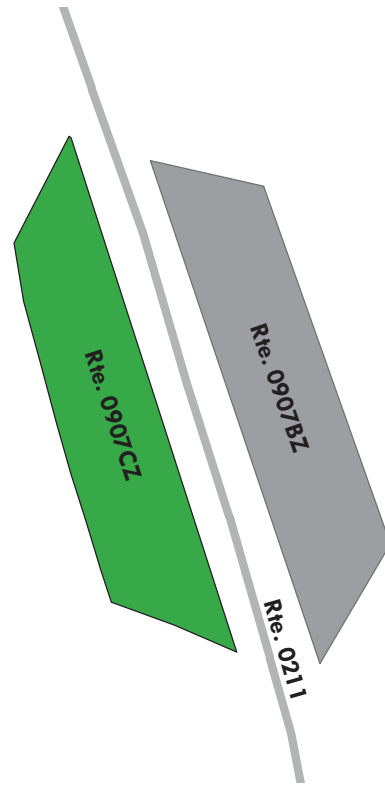
ADJACENT TO ROUTE 0211 (COUGAR ROCK PICNIC AREA ROAD) ON LEFT AT MP 0.07

Inspection Date	FMSS Number	User Access	Surface Type
8/7/2015	20246	PUBLIC	ASPHALT
Area (Sq. Ft.)	Lane Miles (11' Widths)	Curb Reveal (Inches)	Curb Recommendation
4,245	0.073	5	DO NOTHING
Curb Type		Curb & Gutter Type	
WOOD		NO CURB AND GUTTER	
Pavement Recommendation		Condition Rating / PCR	
PREVENTIVE MAINTENANCE		GOOD / 90	

Route Condition Legend – Pavement Condition Rating (PCR)

Poor (0 - 60)	Fair (61- 84)	Good (85 - 94)	Excellent (95 - 100)	Not Rated
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See Appendix for definitions and formulas



Mount Rainier National Park

ROUTE 0907DZ: COUGAR ROCK PICNIC AREA PARKING D

Subcomponent of Route MORA-0907ZZ

Manual Rating

ADJACENT TO ROUTE 0211 (COUGAR ROCK PICNIC AREA ROAD) ON RIGHT AT MP 0.10

Inspection Date	FMSS Number	User Access	Surface Type
8/7/2015	20246	PUBLIC	ASPHALT
Area (Sq. Ft.)	Lane Miles (11' Widths)	Curb Reveal (Inches)	Curb Recommendation
920	0.016	5	DO NOTHING
Curb Type		Curb & Gutter Type	
WOOD		NO CURB AND GUTTER	
Pavement Recommendation		Condition Rating / PCR	
PREVENTIVE MAINTENANCE		GOOD / 90	

Route Condition Legend – Pavement Condition Rating (PCR)

Poor (0 - 60)

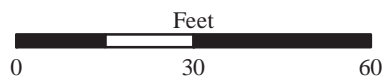
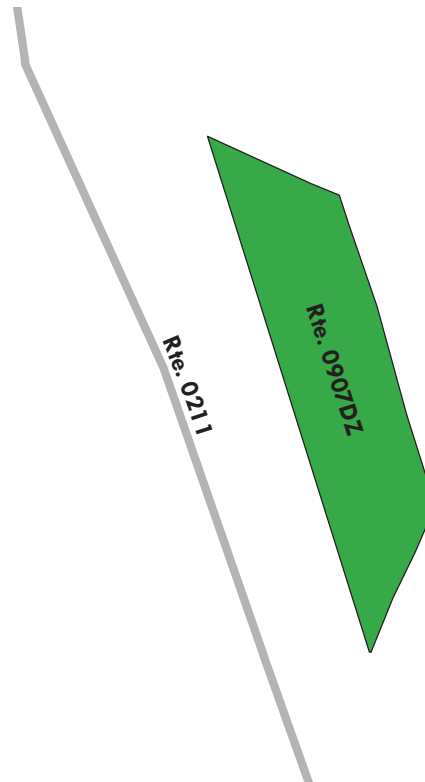
Fair (61- 84)

Good (85 - 94)

Excellent (95 - 100)

Not Rated

See Appendix for definitions and formulas



Mount Rainier National Park

ROUTE 0907EZ: COUGAR ROCK PICNIC AREA PARKING E

Subcomponent of Route MORA-0907ZZ

Manual Rating

ADJACENT TO ROUTE 0211 (COUGAR ROCK PICNIC AREA ROAD) ON RIGHT AT MP 0.15

Inspection Date	FMSS Number	User Access	Surface Type
8/7/2015	20246	PUBLIC	ASPHALT
Area (Sq. Ft.)	Lane Miles (11' Widths)	Curb Reveal (Inches)	Curb Recommendation
2,840	0.049	5	DO NOTHING
Curb Type		Curb & Gutter Type	
WOOD		NO CURB AND GUTTER	
Pavement Recommendation		Condition Rating / PCR	
PREVENTIVE MAINTENANCE		GOOD / 90	

Route Condition Legend – Pavement Condition Rating (PCR)

Poor (0 - 60)

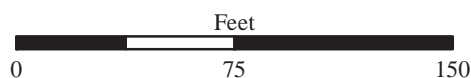
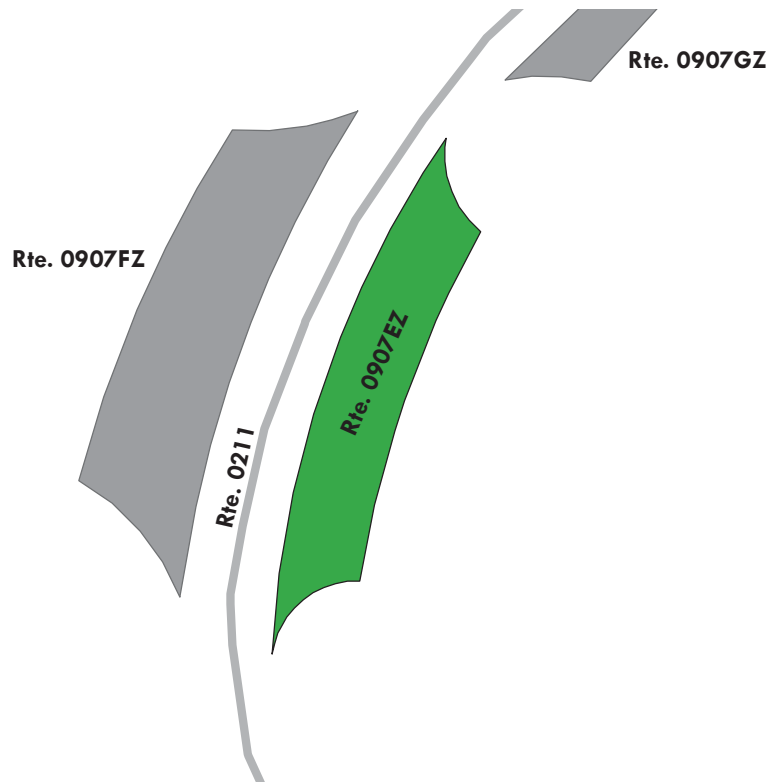
Fair (61- 84)

Good (85 - 94)

Excellent (95 - 100)

Not Rated

See Appendix for definitions and formulas



Mount Rainier National Park

ROUTE 0907FZ: COUGAR ROCK PICNIC AREA PARKING F

Subcomponent of Route MORA-0907ZZ
Manual Rating

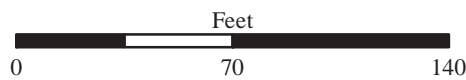
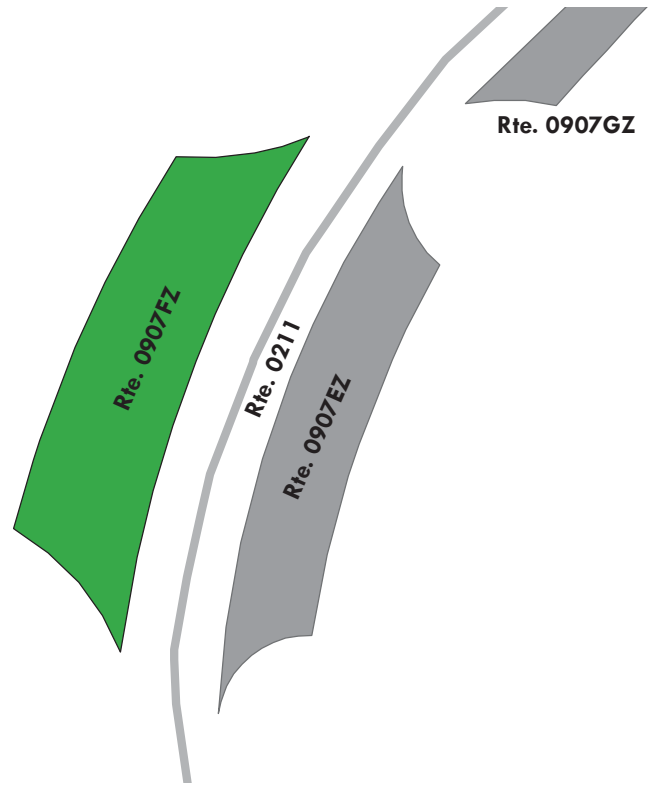
ADJACENT TO ROUTE 0211 (COUGAR ROCK PICNIC AREA ROAD) ON LEFT AT MP 0.14

Inspection Date	FMSS Number	User Access	Surface Type
8/7/2015	20246	PUBLIC	ASPHALT
Area (Sq. Ft.)	Lane Miles (11' Widths)	Curb Reveal (Inches)	Curb Recommendation
3,875	0.067	5	LIGHT REPAIR
Curb Type		Curb & Gutter Type	
WOOD		NO CURB AND GUTTER	
Pavement Recommendation		Condition Rating / PCR	
PREVENTIVE MAINTENANCE		GOOD / 90	

Route Condition Legend – Pavement Condition Rating (PCR)

Poor (0 - 60)	Fair (61- 84)	Good (85 - 94)	Excellent (95 - 100)	Not Rated
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See Appendix for definitions and formulas



Mount Rainier National Park

ROUTE 0907GZ: COUGAR ROCK PICNIC AREA PARKING G

Subcomponent of Route MORA-0907ZZ
Manual Rating

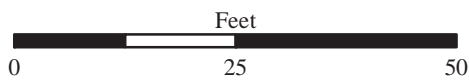
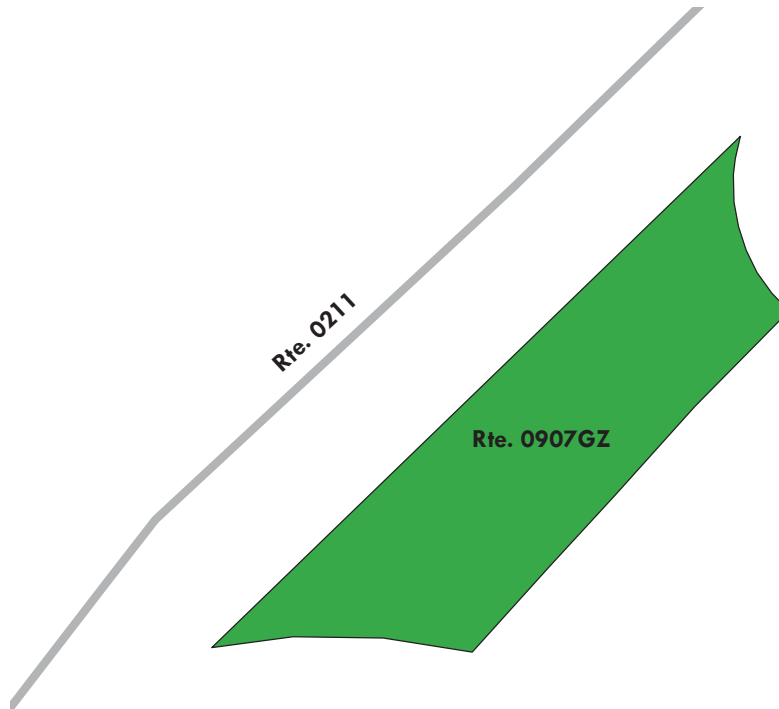
ADJACENT TO ROUTE 0211 (COUGAR ROCK PICNIC AREA ROAD) ON RIGHT AT MP 0.17

Inspection Date	FMSS Number	User Access	Surface Type
8/7/2015	20246	PUBLIC	ASPHALT
Area (Sq. Ft.)	Lane Miles (11' Widths)	Curb Reveal (Inches)	Curb Recommendation
855	0.015	5	DO NOTHING
Curb Type		Curb & Gutter Type	
WOOD		NO CURB AND GUTTER	
Pavement Recommendation		Condition Rating / PCR	
PREVENTIVE MAINTENANCE		GOOD / 90	

Route Condition Legend – Pavement Condition Rating (PCR)

Poor (0 - 60)	Fair (61- 84)	Good (85 - 94)	Excellent (95 - 100)	Not Rated
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See Appendix for definitions and formulas



Mount Rainier National Park

ROUTE 0907HZ: COUGAR ROCK PICNIC AREA PARKING H

Subcomponent of Route MORA-0907ZZ

Manual Rating

ADJACENT TO ROUTE 0211 (COUGAR ROCK PICNIC AREA ROAD) ON RIGHT AT MP 0.20

Inspection Date	FMSS Number	User Access	Surface Type
8/7/2015	20246	PUBLIC	ASPHALT
Area (Sq. Ft.)	Lane Miles (11' Widths)	Curb Reveal (Inches)	Curb Recommendation
2,774	0.048	5	DO NOTHING
Curb Type		Curb & Gutter Type	
WOOD		NO CURB AND GUTTER	
Pavement Recommendation		Condition Rating / PCR	
PREVENTIVE MAINTENANCE		GOOD / 90	

Route Condition Legend – Pavement Condition Rating (PCR)

Poor (0 - 60)

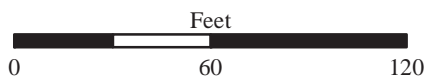
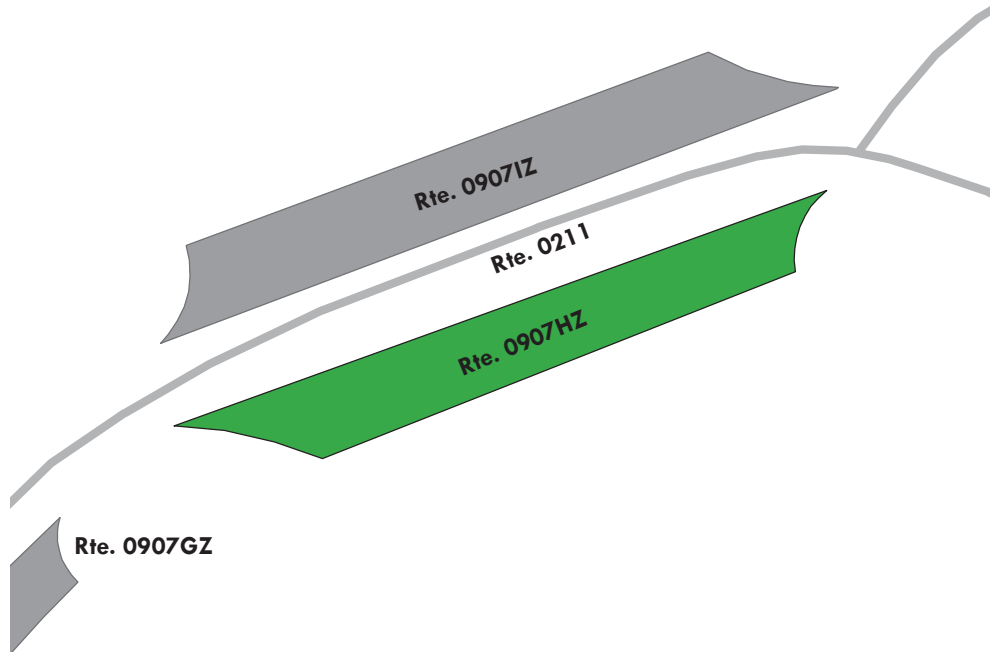
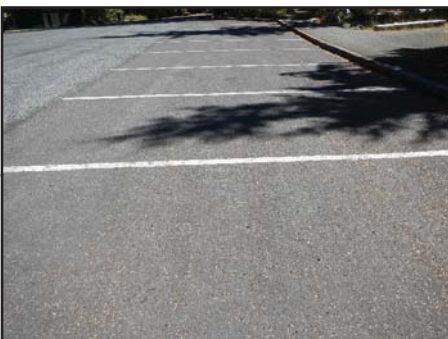
Fair (61- 84)

Good (85 - 94)

Excellent (95 - 100)

Not Rated

See Appendix for definitions and formulas



Mount Rainier National Park

ROUTE 0907IZ: COUGAR ROCK PICNIC AREA PARKING I

Subcomponent of Route MORA-0907ZZ
Manual Rating

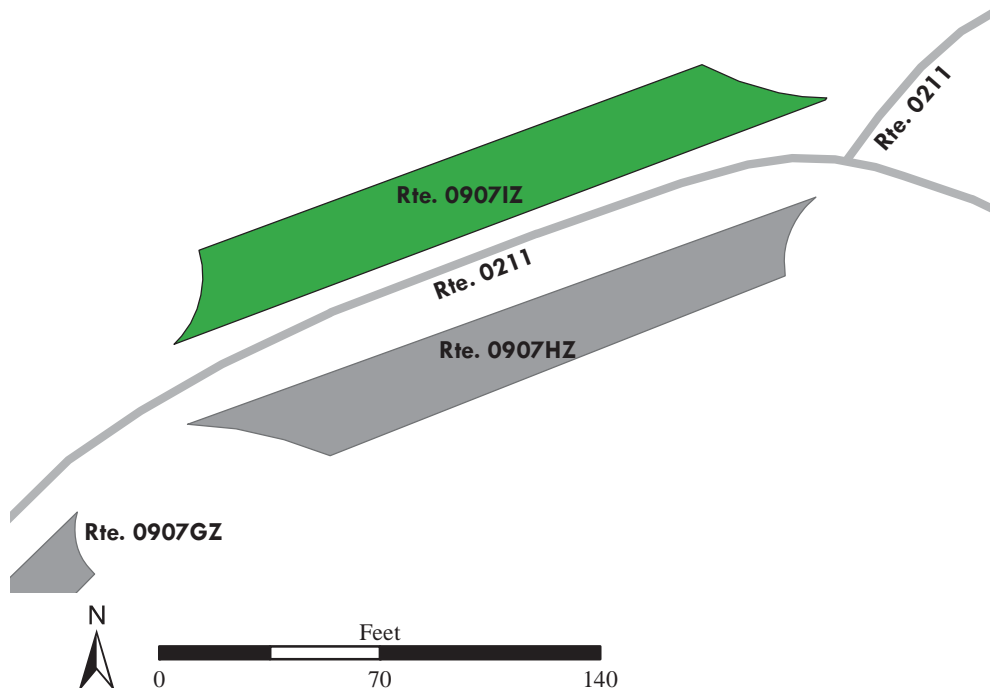
ADJACENT TO ROUTE 0211 (COUGAR ROCK PICNIC AREA ROAD) ON LEFT AT MP 0.20

Inspection Date	FMSS Number	User Access	Surface Type
8/7/2015	20246	PUBLIC	ASPHALT
Area (Sq. Ft.)	Lane Miles (11' Widths)	Curb Reveal (Inches)	Curb Recommendation
3,233	0.056	5	DO NOTHING
Curb Type		Curb & Gutter Type	
WOOD		NO CURB AND GUTTER	
Pavement Recommendation		Condition Rating / PCR	
PREVENTIVE MAINTENANCE		GOOD / 90	

Route Condition Legend – Pavement Condition Rating (PCR)

Poor (0 - 60)	Fair (61- 84)	Good (85 - 94)	Excellent (95 - 100)	Not Rated
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See Appendix for definitions and formulas



Mount Rainier National Park

ROUTE 0908: COMET FALLS PARKING

Manual Rating

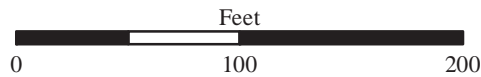
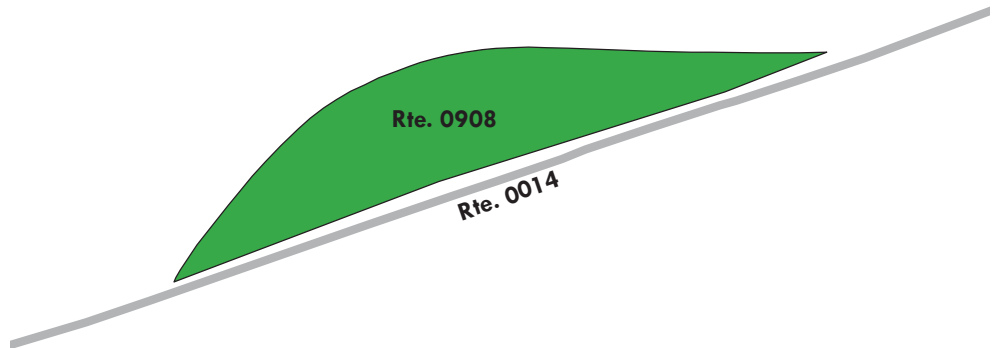
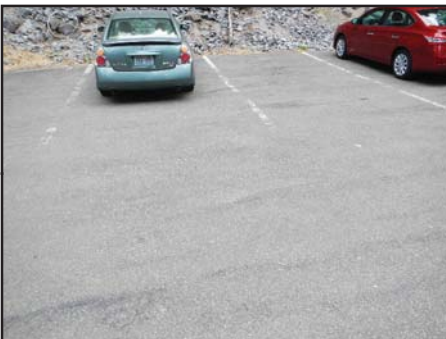
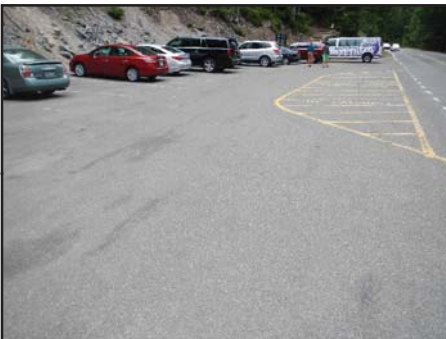
ADJACENT TO ROUTE 0014 (STATE ROUTE 706 (NISQUALLY ROAD))

Inspection Date	FMSS Number	User Access	Surface Type
8/8/2015	247120	PUBLIC	ASPHALT
Area (Sq. Ft.)	Lane Miles (11' Widths)	Curb Reveal (Inches)	Curb Recommendation
7,067	0.122	NOT APPLICABLE	NOT APPLICABLE
Curb Type		Curb & Gutter Type	
NO CURB		NO CURB AND GUTTER	
Pavement Recommendation		Condition Rating / PCR	
PREVENTIVE MAINTENANCE		GOOD / 90	

Route Condition Legend – Pavement Condition Rating (PCR)

Poor (0 - 60)	Fair (61- 84)	Good (85 - 94)	Excellent (95 - 100)	Not Rated
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See Appendix for definitions and formulas



Mount Rainier National Park

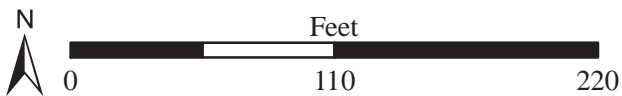
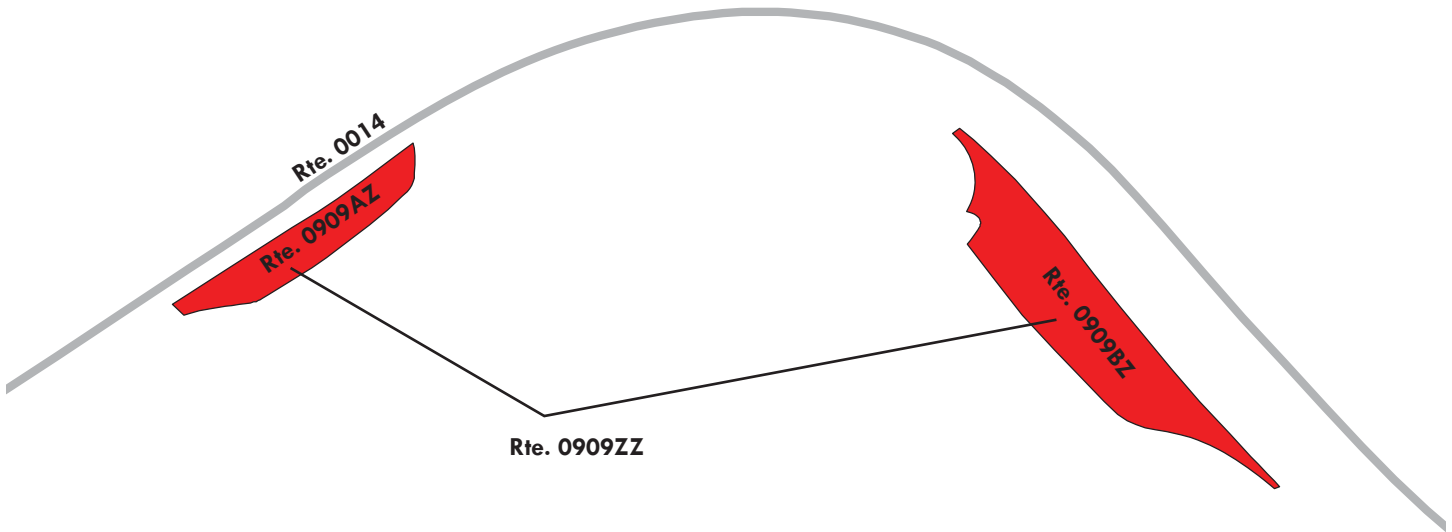
ROUTE 0909ZZ: CHRISTINE FALLS VIEWPOINT PARKING AREAS

Summary Route
Manual Rating

ADJACENT TO ROUTE 0014 (STATE ROUTE 706 (NISQUALLY ROAD)) ON RIGHT

Inspection Date	FMSS Number	User Access	Surface Type
8/8/2015	247119	PUBLIC	ASPHALT
Area (Sq. Ft.)	Lane Miles (11' Widths)	Condition Rating / PCR	
4,301	0.074	SUMMARY / 37	
Route Condition Legend – Pavement Condition Rating (PCR)			
Poor (0 - 60)	Fair (61- 84)	Good (85 - 94)	Excellent (95 - 100)
See Appendix for definitions and formulas			

The condition shown on this page reflects the overall route condition and may not reflect individual subcomponent ratings.



Mount Rainier National Park

ROUTE 0909AZ: CHRISTINE FALLS VIEWPOINT PARKING A

Subcomponent of Route MORA-0909ZZ

Manual Rating

ADJACENT TO ROUTE 0014 (STATE ROUTE 706 (NISQUALLY ROAD)) ON RIGHT AT MP 11.50

Inspection Date	FMSS Number	User Access	Surface Type
8/8/2015	247119	PUBLIC	ASPHALT
Area (Sq. Ft.)	Lane Miles (11' Widths)	Curb Reveal (Inches)	Curb Recommendation
1,248	0.021	NOT APPLICABLE	NOT APPLICABLE
Curb Type		Curb & Gutter Type	
NO CURB		NO CURB AND GUTTER	
Pavement Recommendation		Condition Rating / PCR	
HEAVY 3R TREATMENTS		POOR / 53	

Route Condition Legend – Pavement Condition Rating (PCR)

Poor (0 - 60)

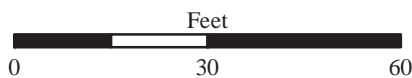
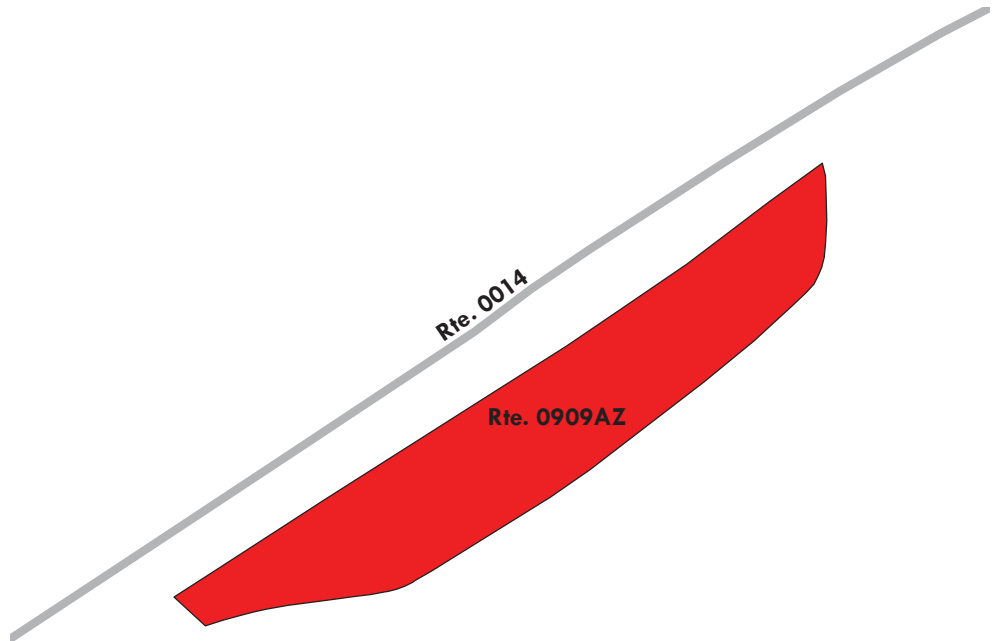
Fair (61- 84)

Good (85 - 94)

Excellent (95 - 100)

Not Rated

See Appendix for definitions and formulas



Mount Rainier National Park

ROUTE 0909BZ: CHRISTINE FALLS VIEWPOINT PARKING B

Subcomponent of Route MORA-0909ZZ

Manual Rating

ADJACENT TO ROUTE 0014 (STATE ROUTE 706 (NISQUALLY ROAD)) ON RIGHT AT MP 10.75

Inspection Date	FMSS Number	User Access	Surface Type
8/8/2015	247119	PUBLIC	ASPHALT
Area (Sq. Ft.)	Lane Miles (11' Widths)	Curb Reveal (Inches)	Curb Recommendation
3,053	0.053	3	DO NOTHING
Curb Type		Curb & Gutter Type	
STONE		NO CURB AND GUTTER	
Pavement Recommendation		Condition Rating / PCR	
RECONSTRUCTION		POOR / 30	

Route Condition Legend – Pavement Condition Rating (PCR)

Poor (0 - 60)

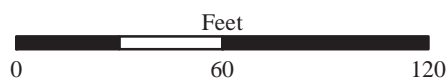
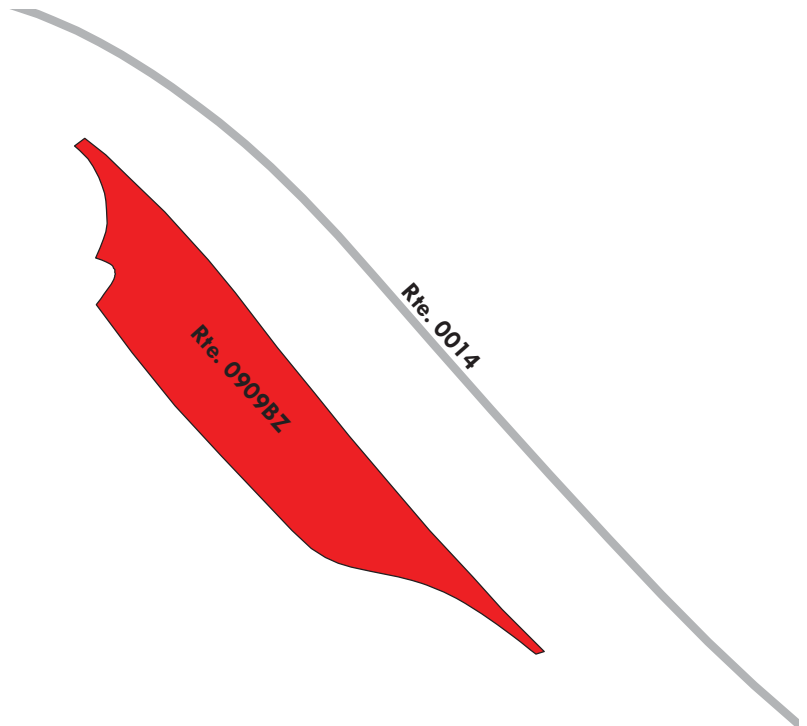
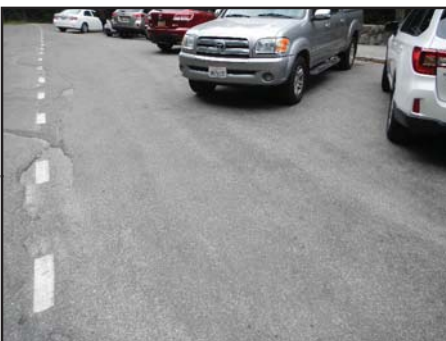
Fair (61- 84)

Good (85 - 94)

Excellent (95 - 100)

Not Rated

See Appendix for definitions and formulas



Mount Rainier National Park

ROUTE 0910: GLACIER HILL CHAIN UP PARKING

Manual Rating

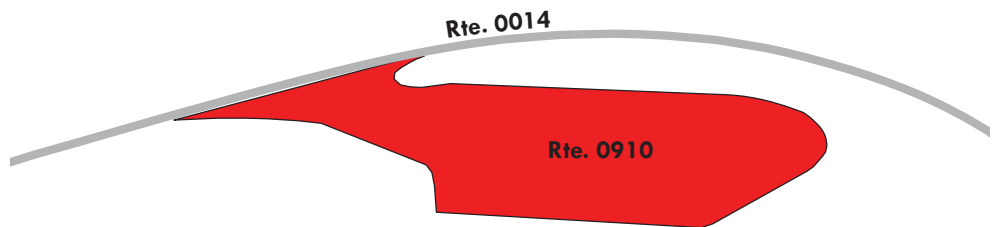
ADJACENT TO ROUTE 0014 (STATE ROUTE 706 (NISQUALLY ROAD)) ON RIGHT AT MP 11.82

Inspection Date	FMSS Number	User Access	Surface Type
8/8/2015	247123	PUBLIC	ASPHALT
Area (Sq. Ft.)	Lane Miles (11' Widths)	Curb Reveal (Inches)	Curb Recommendation
22,830	0.393	NOT APPLICABLE	MODERATE REPAIR
Curb Type		Curb & Gutter Type	
NO CURB		CONCRETE	
Pavement Recommendation		Condition Rating / PCR	
HEAVY 3R TREATMENTS		POOR / 53	

Route Condition Legend – Pavement Condition Rating (PCR)

Poor (0 - 60)	Fair (61- 84)	Good (85 - 94)	Excellent (95 - 100)	Not Rated
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See Appendix for definitions and formulas



Mount Rainier National Park

ROUTE 0912: CANYON RIM VIEWPOINT PARKING

Manual Rating

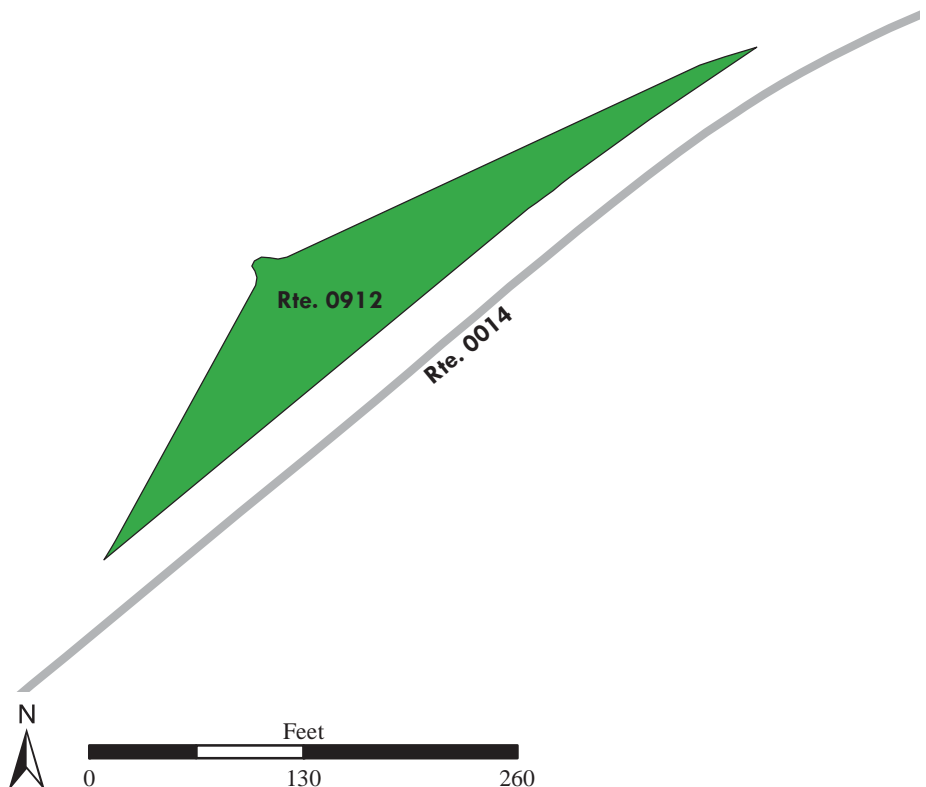
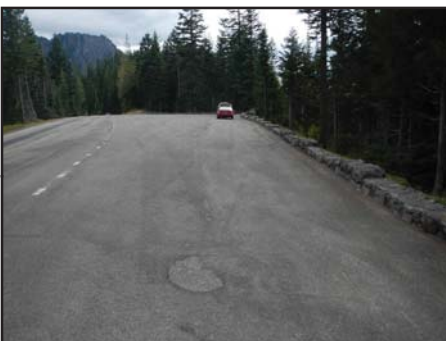
ADJACENT TO ROUTE 0014 (STATE ROUTE 706 (NISQUALLY ROAD)) ON LEFT AT MP 13.78

Inspection Date	FMSS Number	User Access	Surface Type
8/8/2015	247116	PUBLIC	ASPHALT
Area (Sq. Ft.)	Lane Miles (11' Widths)	Curb Reveal (Inches)	Curb Recommendation
12,630	0.217	NOT APPLICABLE	NOT APPLICABLE
Curb Type		Curb & Gutter Type	
NO CURB		NO CURB AND GUTTER	
Pavement Recommendation		Condition Rating / PCR	
PREVENTIVE MAINTENANCE		GOOD / 90	

Route Condition Legend – Pavement Condition Rating (PCR)

Poor (0 - 60)	Fair (61- 84)	Good (85 - 94)	Excellent (95 - 100)	Not Rated
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See Appendix for definitions and formulas



Mount Rainier National Park

ROUTE 0913: NARADA FALLS PARKING

Manual Rating

FROM ROUTE 0014 (STATE ROUTE 706 (NISQUALLY ROAD)) AT MP 14.71

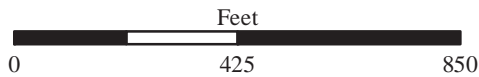
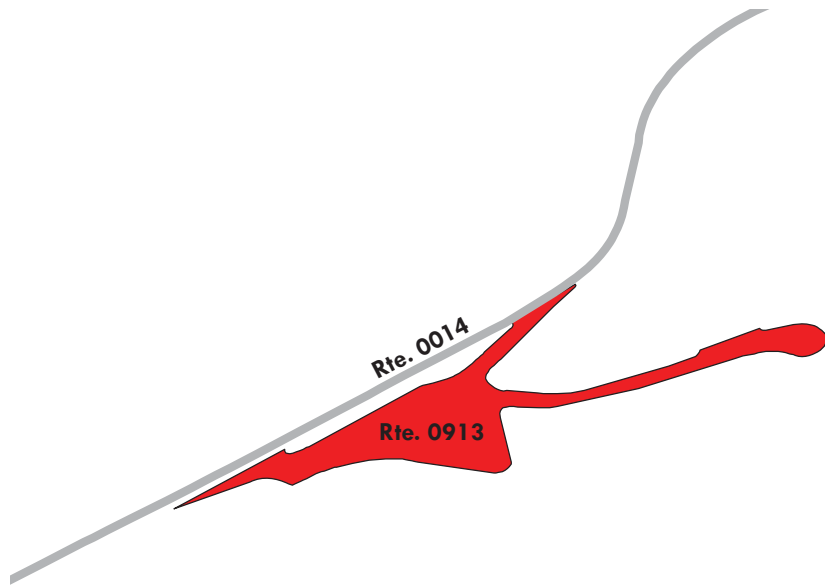
TO ROUTE 0014 (STATE ROUTE 706 (NISQUALLY ROAD))

Inspection Date	FMSS Number	User Access	Surface Type
8/7/2015	20254	PUBLIC	ASPHALT
Area (Sq. Ft.)	Lane Miles (11' Widths)	Curb Reveal (Inches)	Curb Recommendation
55,129	0.949	5	DO NOTHING
Curb Type		Curb & Gutter Type	
STONE		NO CURB AND GUTTER	
Pavement Recommendation		Condition Rating / PCR	
RECONSTRUCTION		POOR / 30	

Route Condition Legend – Pavement Condition Rating (PCR)

Poor (0 - 60)
Fair (61- 84)
Good (85 - 94)
Excellent (95 - 100)
Not Rated

See Appendix for definitions and formulas



Mount Rainier National Park

ROUTE 0914: PARADISE WASTEWATER TREATMENT PLANT PARKING

Manual Rating

FROM ROUTE 0014 (STATE ROUTE 706 (NISQUALLY ROAD)) AT MP 16.56

TO PARKING

Inspection Date	FMSS Number	User Access	Surface Type
8/7/2015	20255	NONPUBLIC	ASPHALT
Area (Sq. Ft.)	Lane Miles (11' Widths)	Curb Reveal (Inches)	Curb Recommendation
6,370	0.11	NOT APPLICABLE	NOT APPLICABLE
Curb Type		Curb & Gutter Type	
NO CURB		NO CURB AND GUTTER	
Pavement Recommendation		Condition Rating / PCR	
LIGHT 3R TREATMENTS		FAIR / 73	

Route Condition Legend – Pavement Condition Rating (PCR)

Poor (0 - 60)

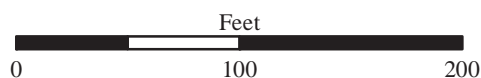
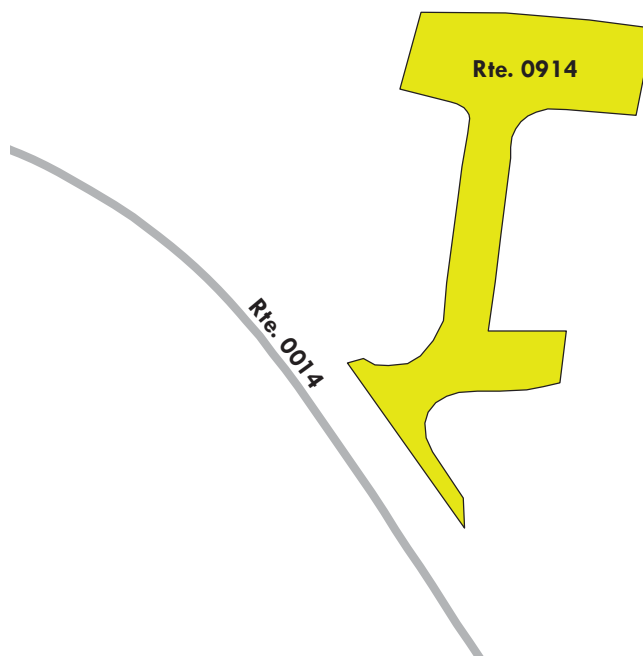
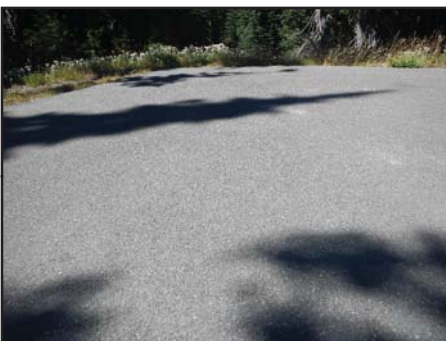
Fair (61- 84)

Good (85 - 94)

Excellent (95 - 100)

Not Rated

See Appendix for definitions and formulas



Mount Rainier National Park

ROUTE 0915: PARADISE PARKING (LOWER LOT)

Manual Rating

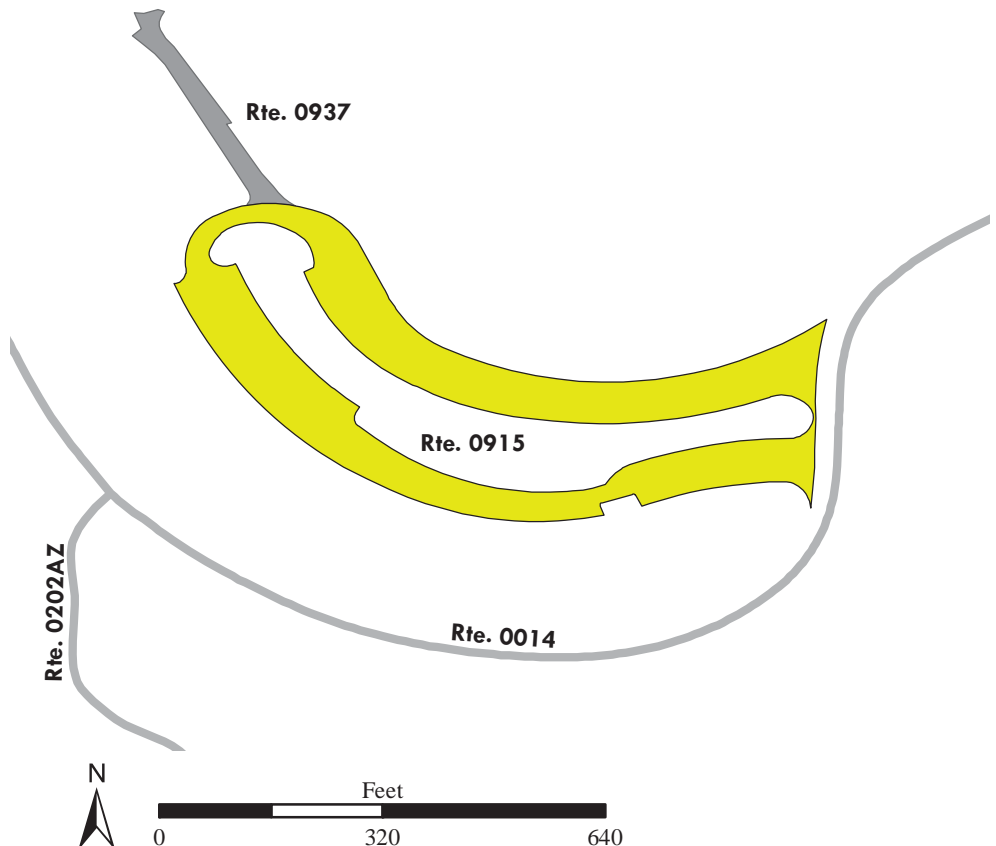
FROM ROUTE 0014 (STATE ROUTE 706 (NISQUALLY ROAD)) AT MP 17.44
TO ROUTE 0937 (PARADISE RESIDENCE ROAD PARKING)

Inspection Date	FMSS Number	User Access	Surface Type
8/8/2015	20256	PUBLIC	ASPHALT
Area (Sq. Ft.)	Lane Miles (11' Widths)	Curb Reveal (Inches)	Curb Recommendation
89,214	1.536	NOT APPLICABLE	LIGHT REPAIR
Curb Type		Curb & Gutter Type	
NO CURB		CONCRETE	
Pavement Recommendation		Condition Rating / PCR	
LIGHT 3R TREATMENTS		FAIR / 73	

Route Condition Legend – Pavement Condition Rating (PCR)

Poor (0 - 60)	Fair (61- 84)	Good (85 - 94)	Excellent (95 - 100)	Not Rated
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See Appendix for definitions and formulas



Mount Rainier National Park

ROUTE 0916: PARADISE PARKING (UPPER LOT)

Manual Rating

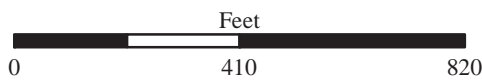
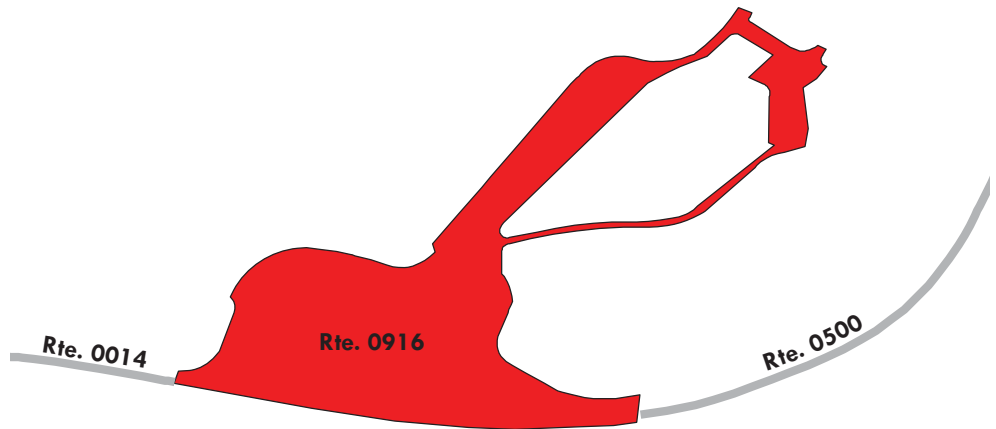
FROM END OF ROUTE 0014 (STATE ROUTE 706 (NISQUALLY ROAD)) AT MP 17.68
TO BEGINNING OF ROUTE 0500 (VALLEY ROAD)

Inspection Date	FMSS Number	User Access	Surface Type
8/7/2015	20257	PUBLIC	ASPHALT
Area (Sq. Ft.)	Lane Miles (11' Widths)	Curb Reveal (Inches)	Curb Recommendation
160,287	2.76	6	MODERATE REPAIR
Curb Type		Curb & Gutter Type	
CONCRETE		NO CURB AND GUTTER	
Pavement Recommendation		Condition Rating / PCR	
RECONSTRUCTION		POOR / 30	

Route Condition Legend – Pavement Condition Rating (PCR)

Poor (0 - 60)	Fair (61- 84)	Good (85 - 94)	Excellent (95 - 100)	Not Rated
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See Appendix for definitions and formulas



Mount Rainier National Park

ROUTE 0917ZZ: FOURTH CROSSING PARKING COMPLEX

Summary Route
Manual Rating

ADJACENT TO ROUTE 0500 (VALLEY ROAD) ON LEFT AND RIGHT AT MP 0.7

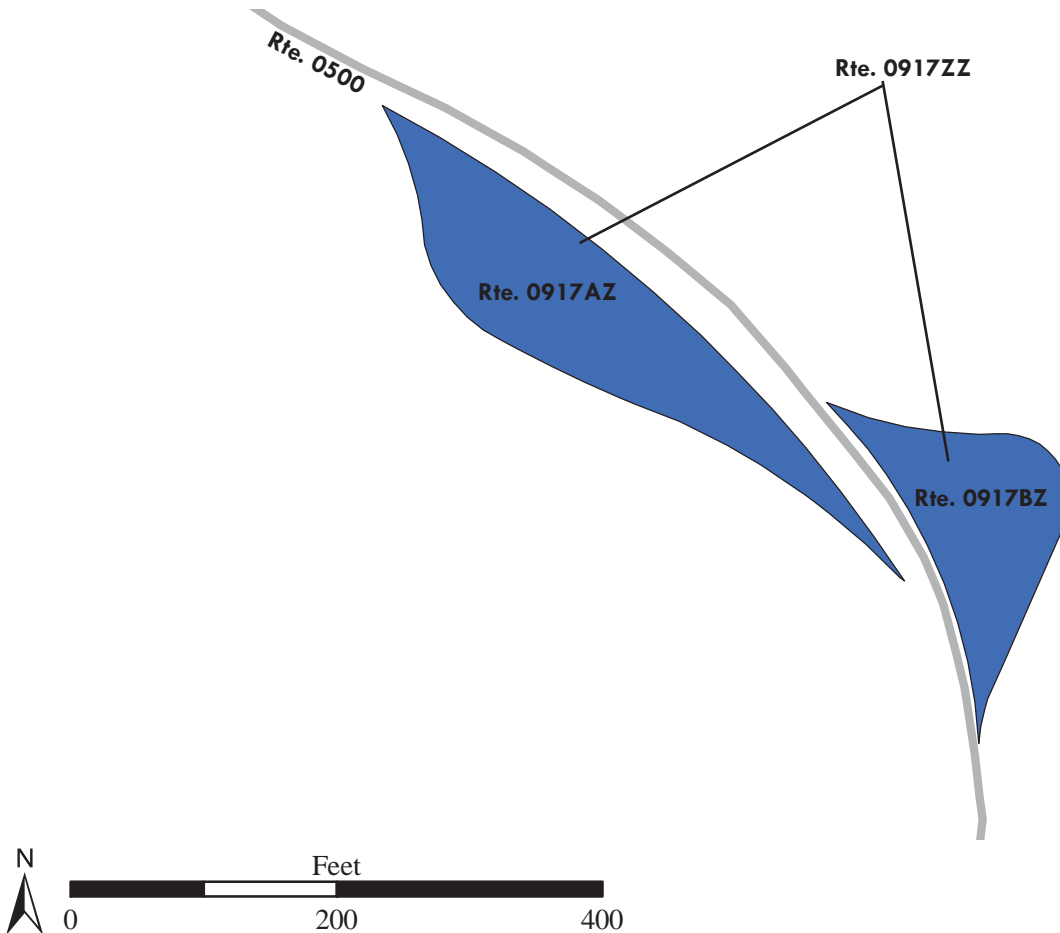
Inspection Date	FMSS Number	User Access	Surface Type
8/7/2015	20258	PUBLIC	ASPHALT
Area (Sq. Ft.)	Lane Miles (11' Widths)	Condition Rating / PCR	
31,406	0.541	SUMMARY / 97	

Route Condition Legend – Pavement Condition Rating (PCR)

Poor (0 - 60)	Fair (61- 84)	Good (85 - 94)	Excellent (95 - 100)	Not Rated
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See Appendix for definitions and formulas

The condition shown on this page reflects the overall route condition and may not reflect individual subcomponent ratings.



Mount Rainier National Park

ROUTE 0917AZ: FOURTH CROSSING PARKING A

Subcomponent of Route MORA-0917ZZ
Manual Rating

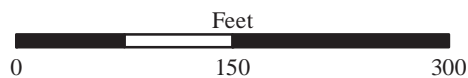
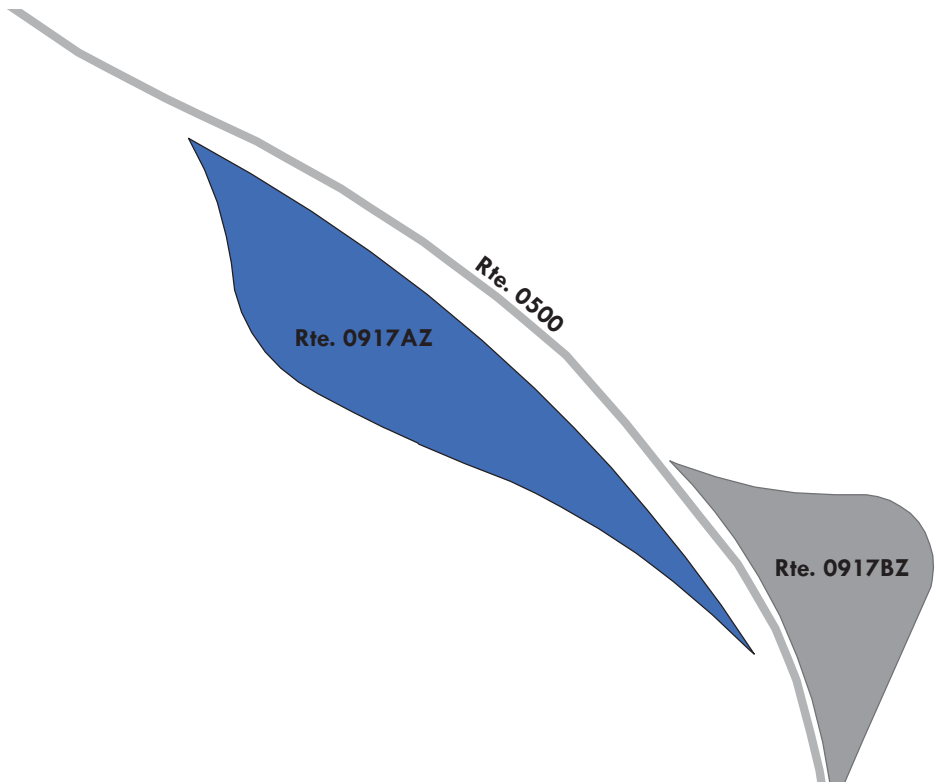
ADJACENT TO ROUTE 0500 (VALLEY ROAD) ON RIGHT AT MP 0.66

Inspection Date	FMSS Number	User Access	Surface Type
8/7/2015	20258	PUBLIC	ASPHALT
Area (Sq. Ft.)	Lane Miles (11' Widths)	Curb Reveal (Inches)	Curb Recommendation
19,758	0.34	3	LIGHT REPAIR
Curb Type		Curb & Gutter Type	
ASPHALT		NO CURB AND GUTTER	
Pavement Recommendation		Condition Rating / PCR	
DO NOTHING		EXCELLENT / 97	

Route Condition Legend – Pavement Condition Rating (PCR)

Poor (0 - 60)	Fair (61- 84)	Good (85 - 94)	Excellent (95 - 100)	Not Rated
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See Appendix for definitions and formulas



Mount Rainier National Park

ROUTE 0917BZ: FOURTH CROSSING PARKING B

Subcomponent of Route MORA-0917ZZ
Manual Rating

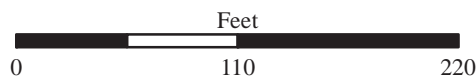
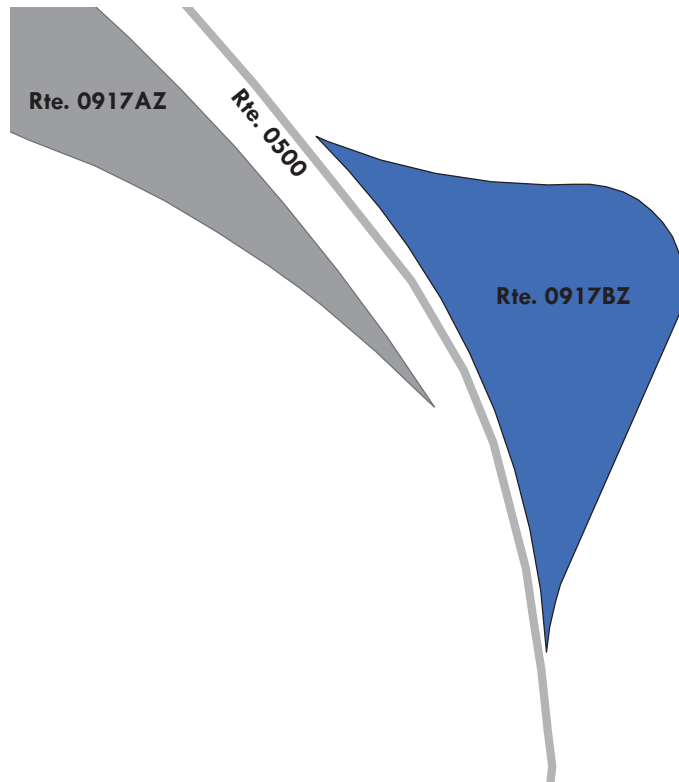
ADJACENT TO ROUTE 0500 (VALLEY ROAD) ON LEFT AT MP 0.70

Inspection Date	FMSS Number	User Access	Surface Type
8/7/2015	20258	PUBLIC	ASPHALT
Area (Sq. Ft.)	Lane Miles (11' Widths)	Curb Reveal (Inches)	Curb Recommendation
11,648	0.201	4	LIGHT REPAIR
Curb Type		Curb & Gutter Type	
ASPHALT		NO CURB AND GUTTER	
Pavement Recommendation		Condition Rating / PCR	
DO NOTHING		EXCELLENT / 97	

Route Condition Legend – Pavement Condition Rating (PCR)

Poor (0 - 60)	Fair (61- 84)	Good (85 - 94)	Excellent (95 - 100)	Not Rated
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See Appendix for definitions and formulas



Mount Rainier National Park

ROUTE 0918: LAKES TRAIL PARKING

Manual Rating

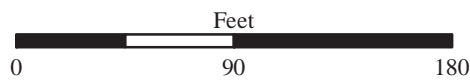
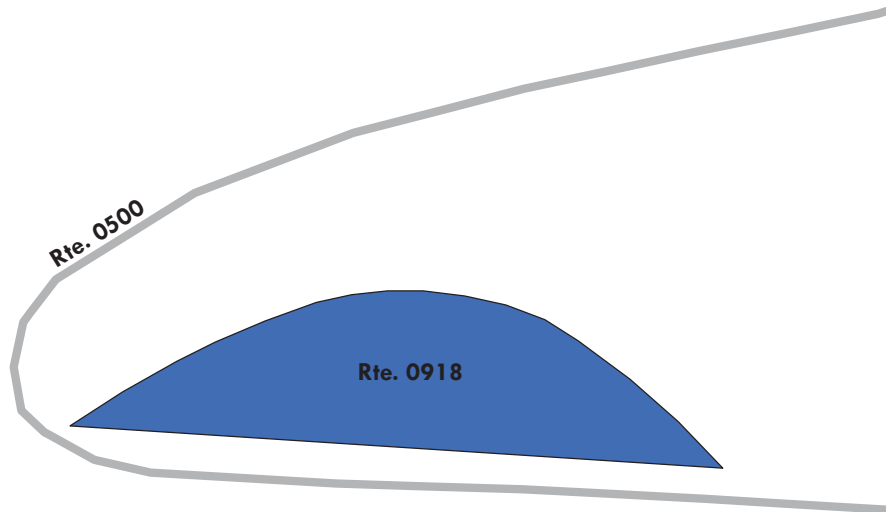
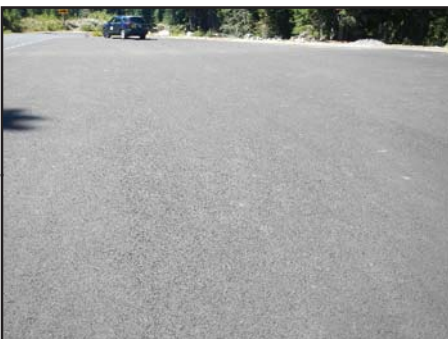
ADJACENT TO ROUTE 0500 (VALLEY ROAD) ON RIGHT AT MP 1.83

Inspection Date	FMSS Number	User Access	Surface Type
8/7/2015	20259	PUBLIC	ASPHALT
Area (Sq. Ft.)	Lane Miles (11' Widths)	Curb Reveal (Inches)	Curb Recommendation
7,848	0.135	NOT APPLICABLE	NOT APPLICABLE
Curb Type		Curb & Gutter Type	
NO CURB		NO CURB AND GUTTER	
Pavement Recommendation		Condition Rating / PCR	
DO NOTHING		EXCELLENT / 97	

Route Condition Legend – Pavement Condition Rating (PCR)

Poor (0 - 60)
Fair (61- 84)
Good (85 - 94)
Excellent (95 - 100)
Not Rated

See Appendix for definitions and formulas



Mount Rainier National Park

ROUTE 0919: INSPIRATION POINT PARKING

Manual Rating

FROM ROUTE 0013 (STEVENS CANYON ROAD)

TO ROUTE 0013 (STEVENS CANYON ROAD)

Inspection Date	FMSS Number	User Access	Surface Type
8/7/2015	247124	PUBLIC	ASPHALT
Area (Sq. Ft.)	Lane Miles (11' Widths)	Curb Reveal (Inches)	Curb Recommendation
14,472	0.249	NOT APPLICABLE	DO NOTHING
Curb Type		Curb & Gutter Type	
NO CURB		CONCRETE	
Pavement Recommendation		Condition Rating / PCR	
DO NOTHING		EXCELLENT / 97	

Route Condition Legend – Pavement Condition Rating (PCR)

Poor (0 - 60)

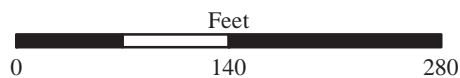
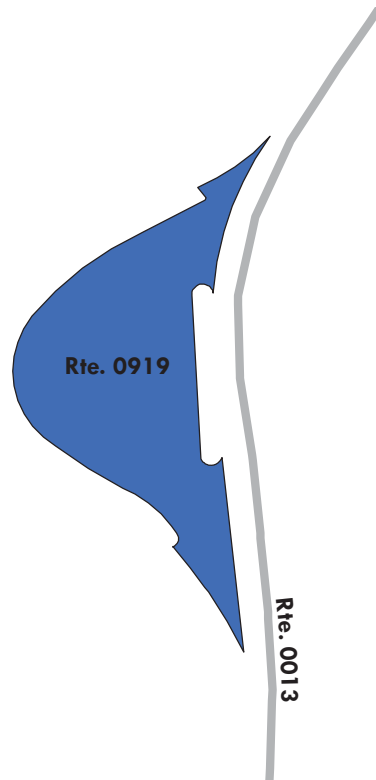
Fair (61- 84)

Good (85 - 94)

Excellent (95 - 100)

Not Rated

See Appendix for definitions and formulas



Mount Rainier National Park

ROUTE 0920ZZ: REFLECTION LAKES PARKING COMPLEX

Summary Route
Manual Rating

ADJACENT TO ROUTE 0013 (STEVENS CANYON ROAD) ON LEFT AND RIGHT

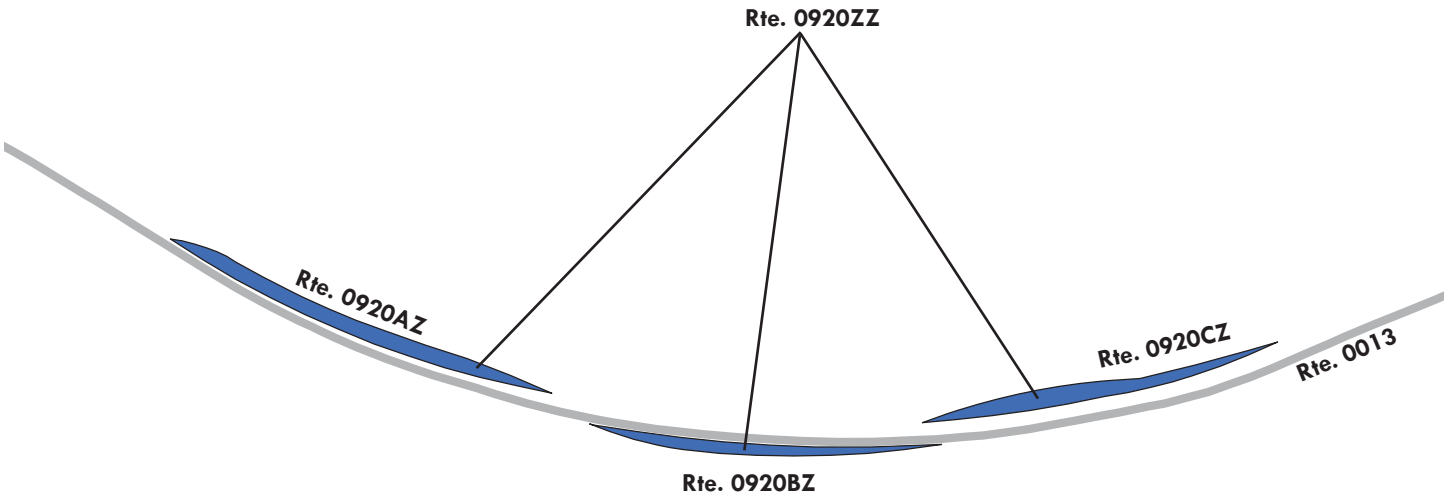
Inspection Date	FMSS Number	User Access	Surface Type
8/7/2015	20262	PUBLIC	ASPHALT
Area (Sq. Ft.)	Lane Miles (11' Widths)	Condition Rating / PCR	
22,566	0.388	SUMMARY / 97	

Route Condition Legend – Pavement Condition Rating (PCR)

Poor (0 - 60)	Fair (61- 84)	Good (85 - 94)	Excellent (95 - 100)	Not Rated
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See Appendix for definitions and formulas

The condition shown on this page reflects the overall route condition and may not reflect individual subcomponent ratings.



Mount Rainier National Park

ROUTE 0920AZ: REFLECTION LAKES PARKING A

Subcomponent of Route MORA-0920ZZ
Manual Rating

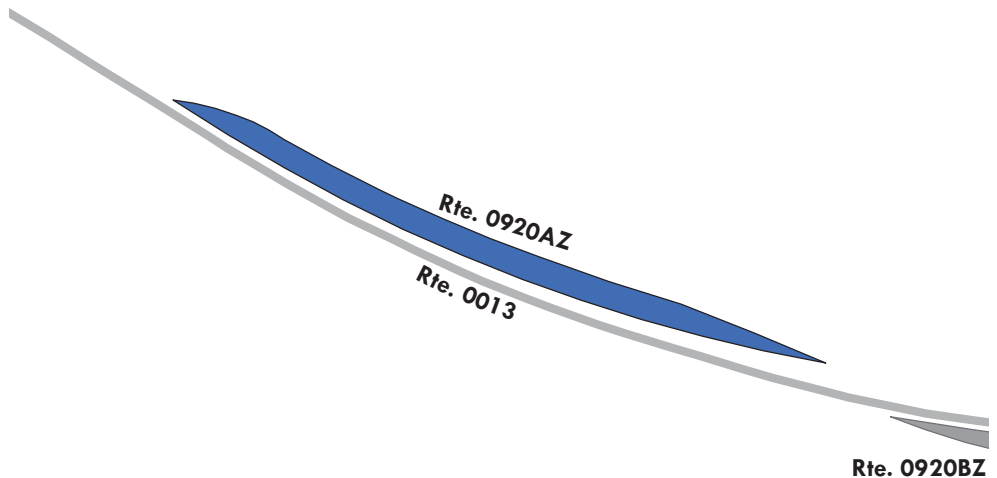
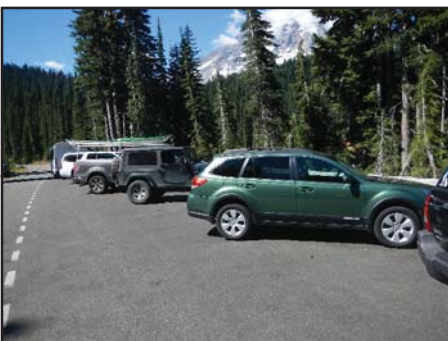
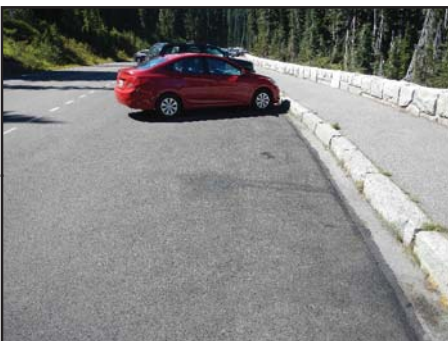
ADJACENT TO ROUTE 0013 (STEVENS CANYON ROAD) ON LEFT AT MP 1.33

Inspection Date	FMSS Number	User Access	Surface Type
8/7/2015	20262	PUBLIC	ASPHALT
Area (Sq. Ft.)	Lane Miles (11' Widths)	Curb Reveal (Inches)	Curb Recommendation
9,769	0.168	9	DO NOTHING
Curb Type		Curb & Gutter Type	
STONE		NO CURB AND GUTTER	
Pavement Recommendation		Condition Rating / PCR	
DO NOTHING		EXCELLENT / 97	

Route Condition Legend – Pavement Condition Rating (PCR)

Poor (0 - 60)	Fair (61- 84)	Good (85 - 94)	Excellent (95 - 100)	Not Rated
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See Appendix for definitions and formulas



Mount Rainier National Park

ROUTE 0920BZ: REFLECTION LAKES PARKING B

Subcomponent of Route MORA-0920ZZ
Manual Rating

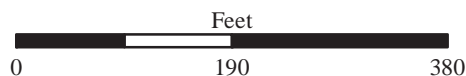
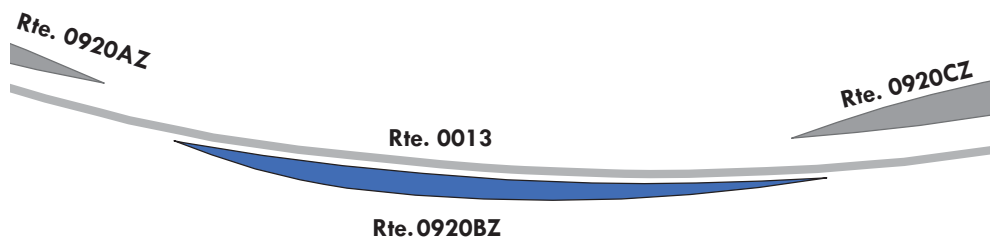
ADJACENT TO ROUTE 0013 (STEVENS CANYON ROAD) ON RIGHT AT MP 1.43

Inspection Date	FMSS Number	User Access	Surface Type
8/7/2015	20262	PUBLIC	ASPHALT
Area (Sq. Ft.)	Lane Miles (11' Widths)	Curb Reveal (Inches)	Curb Recommendation
5,169	0.089	NOT APPLICABLE	NOT APPLICABLE
Curb Type		Curb & Gutter Type	
NO CURB		NO CURB AND GUTTER	
Pavement Recommendation		Condition Rating / PCR	
DO NOTHING		EXCELLENT / 97	

Route Condition Legend – Pavement Condition Rating (PCR)

Poor (0 - 60)	Fair (61- 84)	Good (85 - 94)	Excellent (95 - 100)	Not Rated
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See Appendix for definitions and formulas



Mount Rainier National Park

ROUTE 0920CZ: REFLECTION LAKES PARKING C

Subcomponent of Route MORA-0920ZZ
Manual Rating

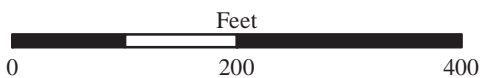
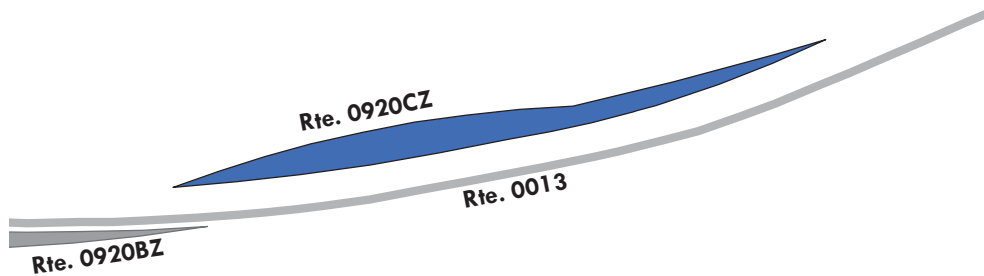
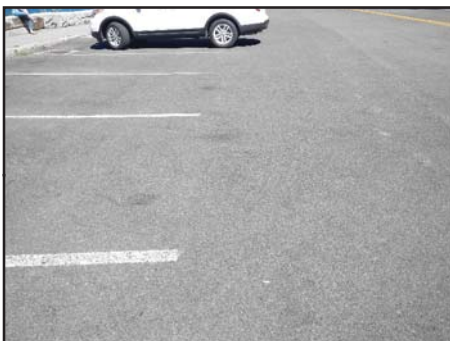
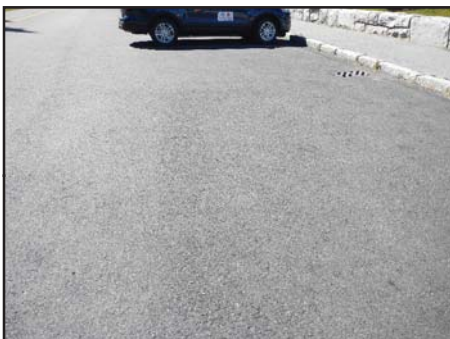
ADJACENT TO ROUTE 0013 (STEVENS CANYON ROAD) ON LEFT AT MP 1.50

Inspection Date	FMSS Number	User Access	Surface Type
8/7/2015	20262	PUBLIC	ASPHALT
Area (Sq. Ft.)	Lane Miles (11' Widths)	Curb Reveal (Inches)	Curb Recommendation
7,628	0.131	5	DO NOTHING
Curb Type		Curb & Gutter Type	
STONE		NO CURB AND GUTTER	
Pavement Recommendation		Condition Rating / PCR	
DO NOTHING		EXCELLENT / 97	

Route Condition Legend – Pavement Condition Rating (PCR)

Poor (0 - 60)	Fair (61- 84)	Good (85 - 94)	Excellent (95 - 100)	Not Rated
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See Appendix for definitions and formulas



Mount Rainier National Park

ROUTE 0921: LOUISE LAKE PARKING

Manual Rating

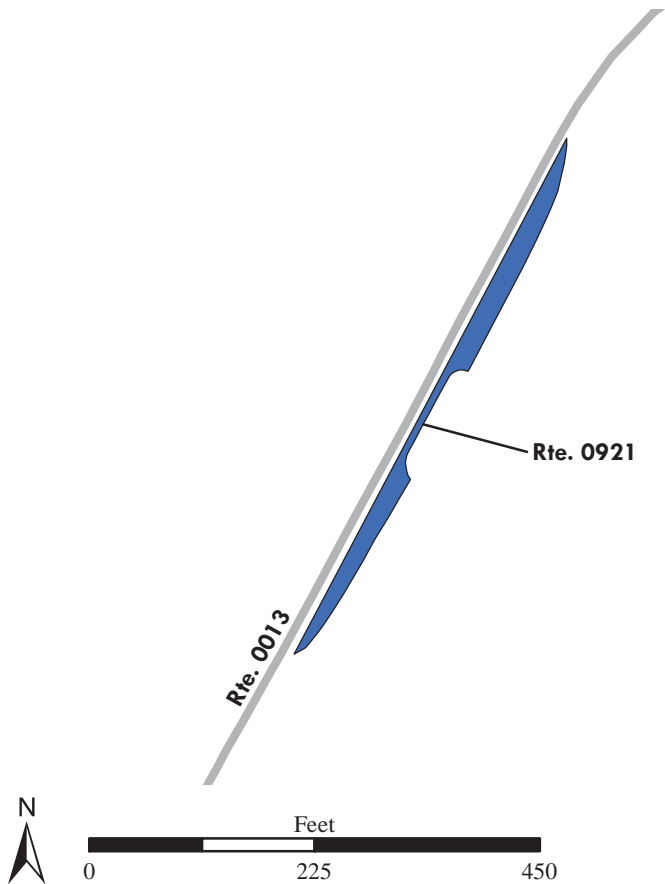
ADJACENT TO ROUTE 0013 (STEVENS CANYON ROAD) AT MP 2.40

Inspection Date	FMSS Number	User Access	Surface Type
8/8/2015	20263	PUBLIC	ASPHALT
Area (Sq. Ft.)	Lane Miles (11' Widths)	Curb Reveal (Inches)	Curb Recommendation
6,179	0.106	NOT APPLICABLE	NOT APPLICABLE
Curb Type		Curb & Gutter Type	
NO CURB		NO CURB AND GUTTER	
Pavement Recommendation		Condition Rating / PCR	
DO NOTHING		EXCELLENT / 97	

Route Condition Legend – Pavement Condition Rating (PCR)

Poor (0 - 60)
Fair (61- 84)
Good (85 - 94)
Excellent (95 - 100)
Not Rated

See Appendix for definitions and formulas



Mount Rainier National Park

ROUTE 0922: BOX CANYON PICNIC AREA PARKING

Manual Rating

FROM ROUTE 0013 (STEVENS CANYON ROAD) AT MP 8.14

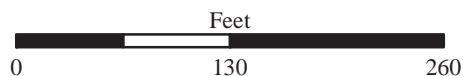
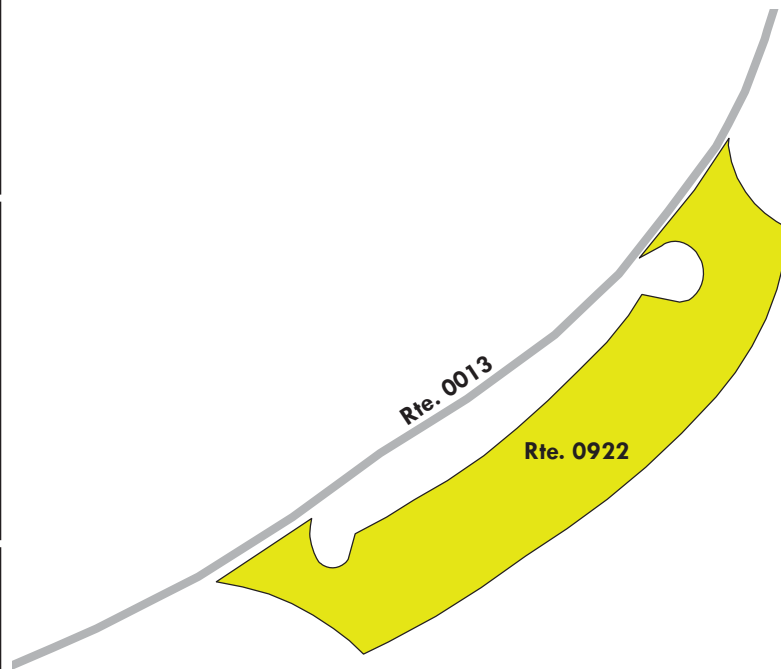
TO ROUTE 0013 (STEVENS CANYON ROAD)

Inspection Date	FMSS Number	User Access	Surface Type
8/8/2015	20264	PUBLIC	ASPHALT
Area (Sq. Ft.)	Lane Miles (11' Widths)	Curb Reveal (Inches)	Curb Recommendation
18,024	0.31	NOT APPLICABLE	DO NOTHING
Curb Type		Curb & Gutter Type	
NO CURB		CONCRETE	
Pavement Recommendation		Condition Rating / PCR	
LIGHT 3R TREATMENTS		FAIR / 73	

Route Condition Legend – Pavement Condition Rating (PCR)

Poor (0 - 60)	Fair (61- 84)	Good (85 - 94)	Excellent (95 - 100)	Not Rated
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See Appendix for definitions and formulas



Mount Rainier National Park

ROUTE 0923: BOX CANYON OVERLOOK / EXHIBIT PARKING

Manual Rating

FROM ROUTE 0013 (STEVENS CANYON ROAD) AT MP 8.64

TO ROUTE 0013 (STEVENS CANYON ROAD)

Inspection Date	FMSS Number	User Access	Surface Type
8/8/2015	20265	PUBLIC	ASPHALT
Area (Sq. Ft.)	Lane Miles (11' Widths)	Curb Reveal (Inches)	Curb Recommendation
14,109	0.243	7	DO NOTHING
Curb Type		Curb & Gutter Type	
STONE		NO CURB AND GUTTER	
Pavement Recommendation		Condition Rating / PCR	
PREVENTIVE MAINTENANCE		GOOD / 90	

Route Condition Legend – Pavement Condition Rating (PCR)

Poor (0 - 60)

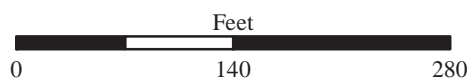
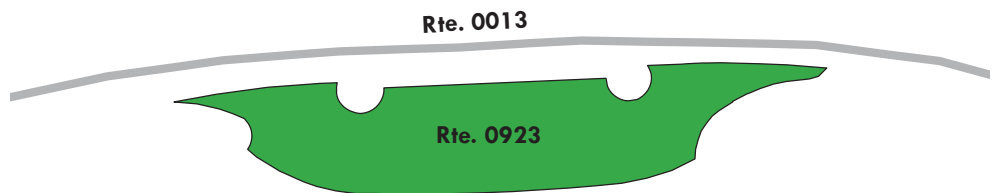
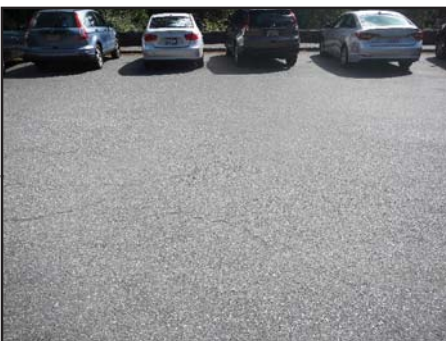
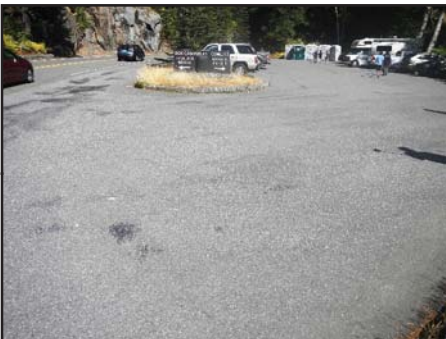
Fair (61- 84)

Good (85 - 94)

Excellent (95 - 100)

Not Rated

See Appendix for definitions and formulas



Mount Rainier National Park

ROUTE 0925: BACKBONE RIDGE PARKING

Manual Rating

ADJACENT TO ROUTE 0013 (STEVENS CANYON ROAD) AT MP 13.13

Inspection Date	FMSS Number	User Access	Surface Type
8/8/2015	247115	PUBLIC	ASPHALT
Area (Sq. Ft.)	Lane Miles (11' Widths)	Curb Reveal (Inches)	Curb Recommendation
21,794	0.375	NOT APPLICABLE	DO NOTHING
Curb Type		Curb & Gutter Type	
NO CURB		CONCRETE	
Pavement Recommendation		Condition Rating / PCR	
PREVENTIVE MAINTENANCE		GOOD / 90	

Route Condition Legend – Pavement Condition Rating (PCR)

Poor (0 - 60)

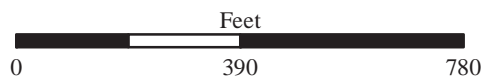
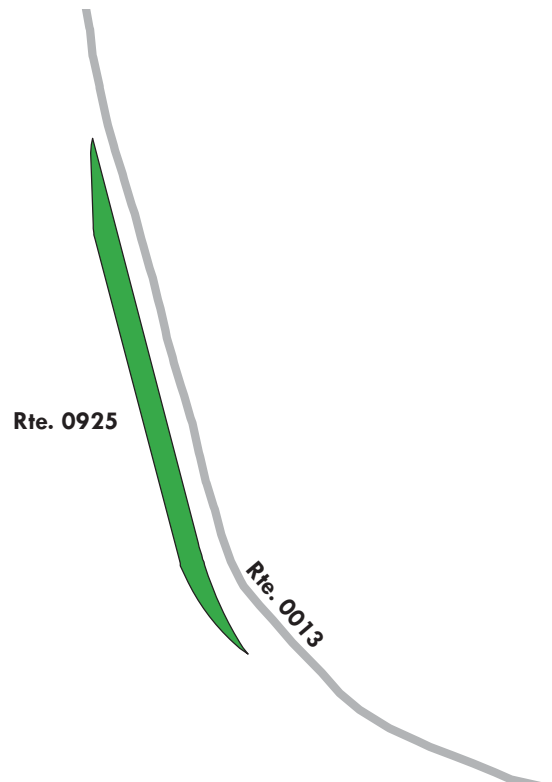
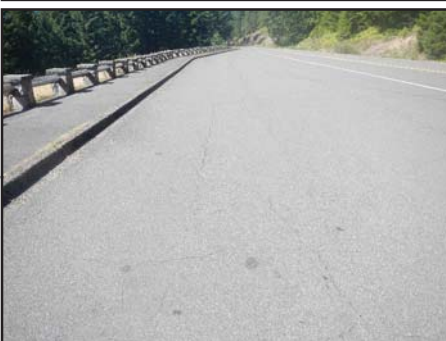
Fair (61- 84)

Good (85 - 94)

Excellent (95 - 100)

Not Rated

See Appendix for definitions and formulas



Mount Rainier National Park

ROUTE 0926: GROVE OF THE PATRIARCHS PARKING

Manual Rating

FROM ROUTE 0013 (STEVENS CANYON ROAD) AT MP 18.72

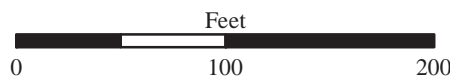
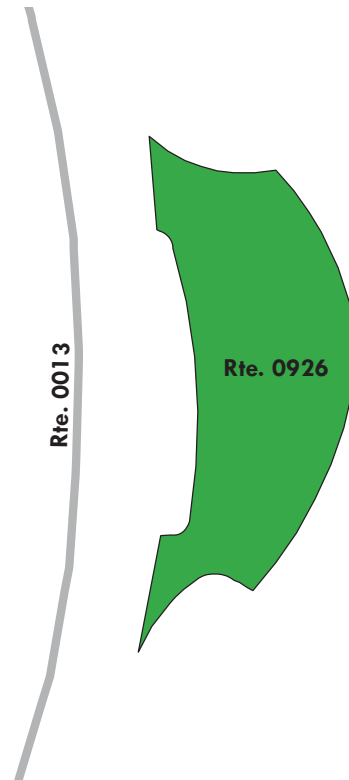
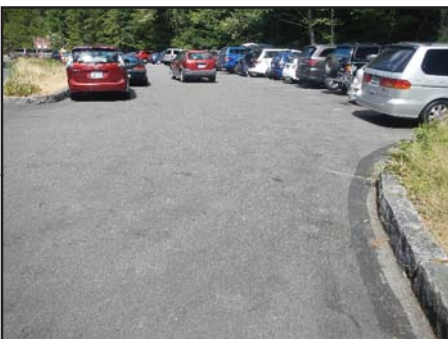
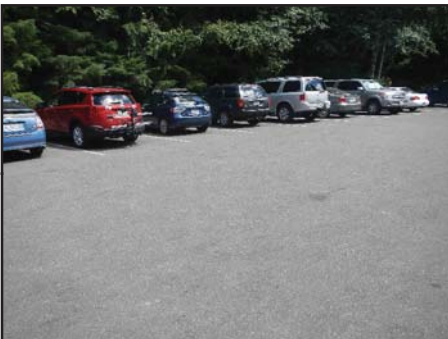
TO ROUTE 0013 (STEVENS CANYON ROAD) AT MP 18.75

Inspection Date	FMSS Number	User Access	Surface Type
8/8/2015	20268	PUBLIC	ASPHALT
Area (Sq. Ft.)	Lane Miles (11' Widths)	Curb Reveal (Inches)	Curb Recommendation
9,678	0.167	4	DO NOTHING
Curb Type		Curb & Gutter Type	
STONE		NO CURB AND GUTTER	
Pavement Recommendation		Condition Rating / PCR	
PREVENTIVE MAINTENANCE		GOOD / 90	

Route Condition Legend – Pavement Condition Rating (PCR)

Poor (0 - 60)	Fair (61- 84)	Good (85 - 94)	Excellent (95 - 100)	Not Rated
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See Appendix for definitions and formulas



Mount Rainier National Park

ROUTE 0927ZZ: OHANA RANGER STATION / RESIDENCE AREA PARKING COMPLEX

Summary Route
Manual Rating

ADJACENT TO ROUTE 0210 (OHANA RANGER STATION ENTRANCE ROAD)

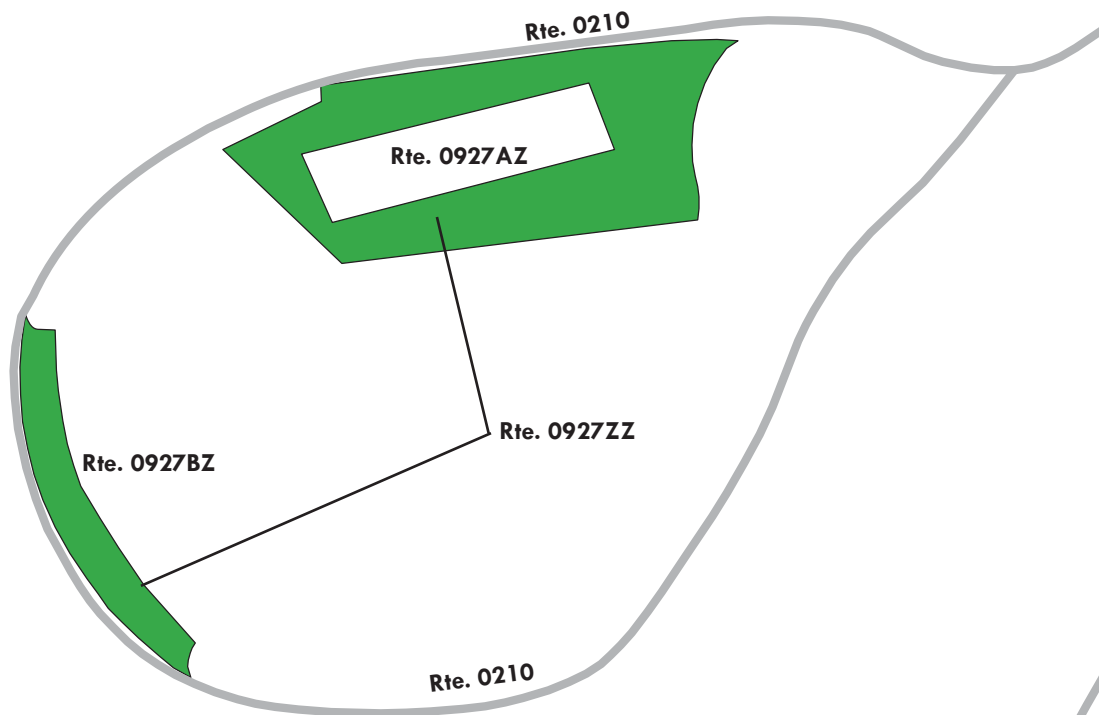
Inspection Date	FMSS Number	User Access	Surface Type
8/8/2015	20269	PUBLIC	ASPHALT
Area (Sq. Ft.)	Lane Miles (11' Widths)	Condition Rating / PCR	
33,768	0.582	SUMMARY / 90	

Route Condition Legend – Pavement Condition Rating (PCR)

Poor (0 - 60)	Fair (61- 84)	Good (85 - 94)	Excellent (95 - 100)	Not Rated
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See Appendix for definitions and formulas

The condition shown on this page reflects the overall route condition and may not reflect individual subcomponent ratings.



Mount Rainier National Park

ROUTE 0927AZ: OHANA RANGER STATION PARKING A

Subcomponent of Route MORA-0927ZZ
Manual Rating

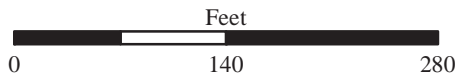
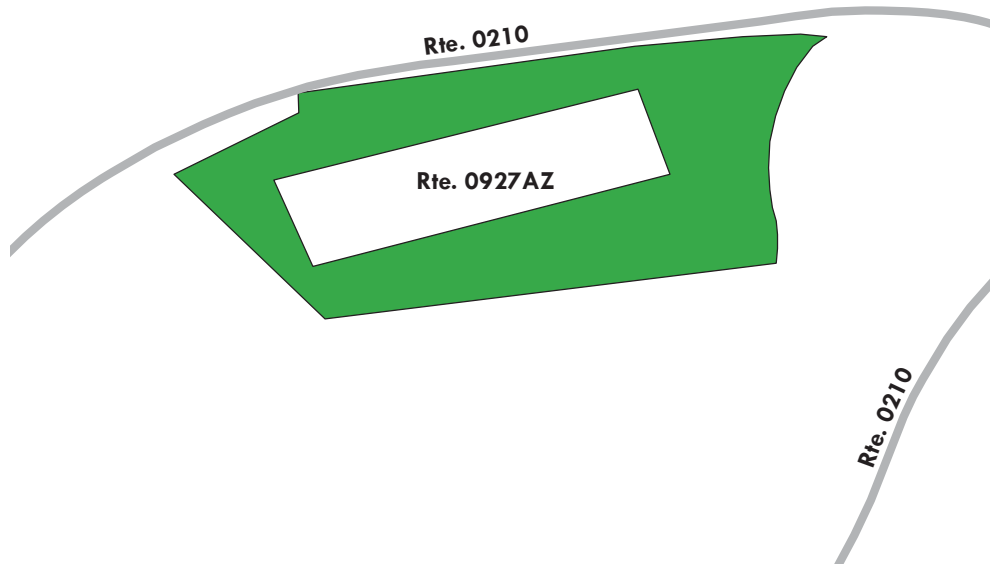
ADJACENT TO ROUTE 0210 (OHANA RANGER STATION ENTRANCE ROAD) AT MP 0.09

Inspection Date	FMSS Number	User Access	Surface Type
8/8/2015	20269	PUBLIC	ASPHALT
Area (Sq. Ft.)	Lane Miles (11' Widths)	Curb Reveal (Inches)	Curb Recommendation
26,524	0.457	NOT APPLICABLE	NOT APPLICABLE
Curb Type		Curb & Gutter Type	
NO CURB		NO CURB AND GUTTER	
Pavement Recommendation		Condition Rating / PCR	
PREVENTIVE MAINTENANCE		GOOD / 90	

Route Condition Legend – Pavement Condition Rating (PCR)

Poor (0 - 60)	Fair (61- 84)	Good (85 - 94)	Excellent (95 - 100)	Not Rated
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See Appendix for definitions and formulas



Mount Rainier National Park

ROUTE 0927BZ: OHANA RANGER STATION PARKING B

Subcomponent of Route MORA-0927ZZ
Manual Rating

ADJACENT TO ROUTE 0210 (OHANA RANGER STATION ENTRANCE ROAD) AT MP 0.20

Inspection Date	FMSS Number	User Access	Surface Type
8/8/2015	20269	PUBLIC	ASPHALT
Area (Sq. Ft.)	Lane Miles (11' Widths)	Curb Reveal (Inches)	Curb Recommendation
7,244	0.125	NOT APPLICABLE	LIGHT REPAIR
Curb Type		Curb & Gutter Type	
NO CURB		CONCRETE	
Pavement Recommendation		Condition Rating / PCR	
NOT APPLICABLE		NOT RATED / -1	

Route Condition Legend – Pavement Condition Rating (PCR)

Poor (0 - 60)

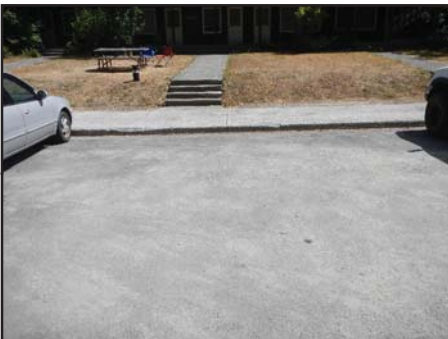
Fair (61- 84)

Good (85 - 94)

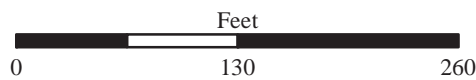
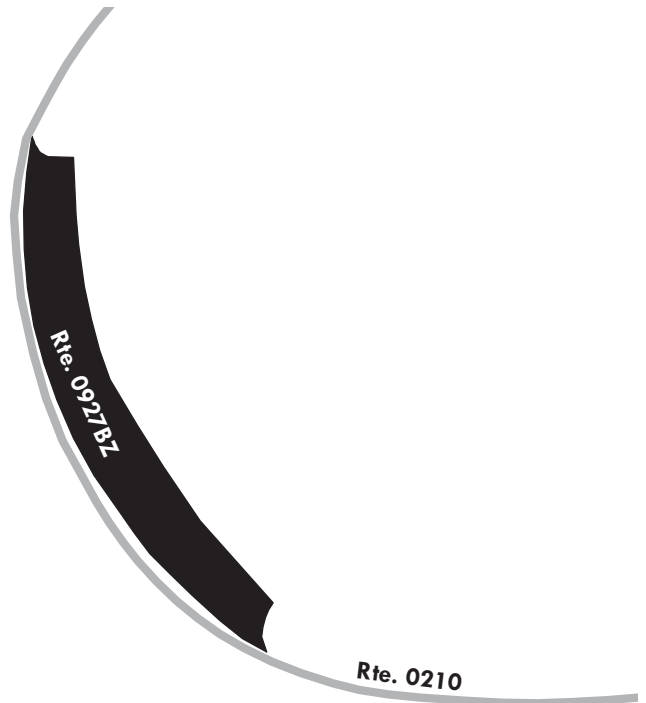
Excellent (95 - 100)

Not Rated

See Appendix for definitions and formulas



Three quarters of the surface was covered with construction material, therefore, the pavement condition could not be assessed.



Mount Rainier National Park

ROUTE 0928ZZ: TIPSOO LAKE PARKING COMPLEX

Summary Route
Manual Rating

ADJACENT TO ROUTE 0012 (STATE ROUTE 410 (MATHER MEMORIAL PARKWAY))

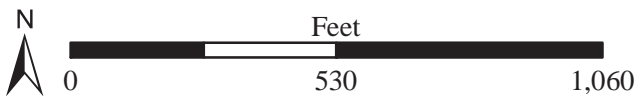
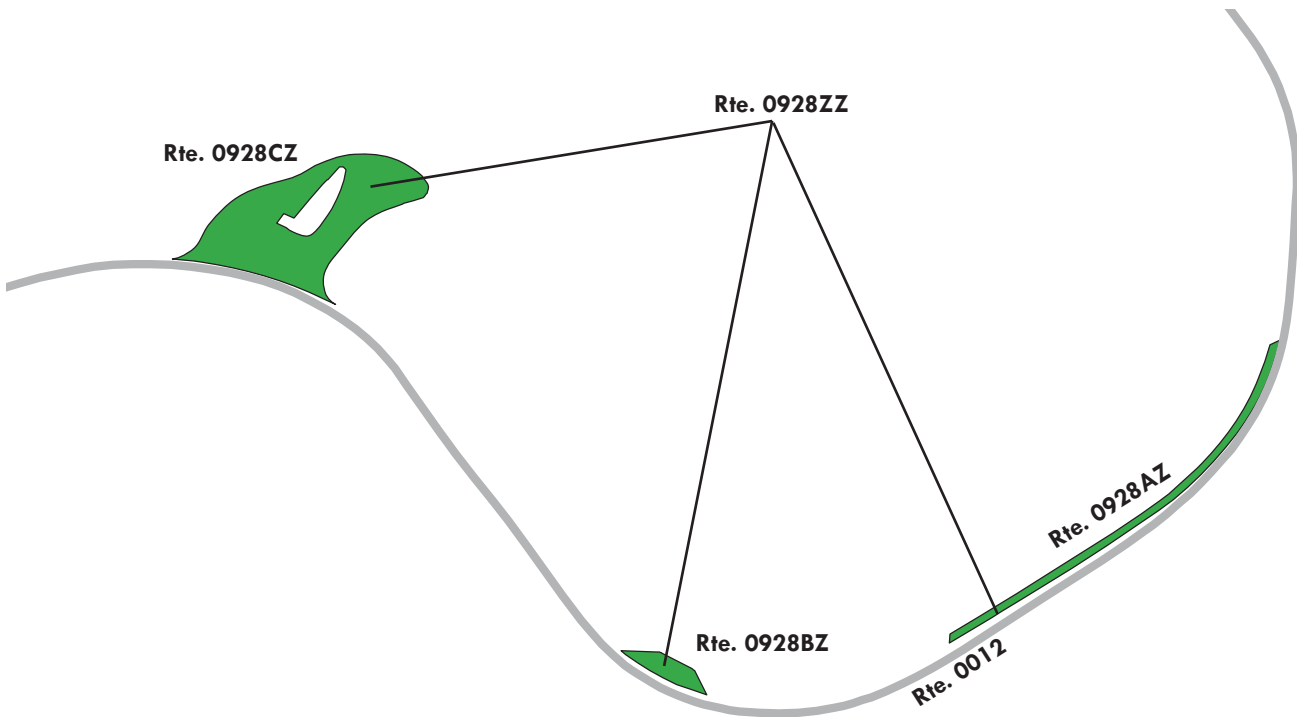
Inspection Date	FMSS Number	User Access	Surface Type
8/8/2015	20271	PUBLIC	ASPHALT
Area (Sq. Ft.)	Lane Miles (11' Widths)	Condition Rating / PCR	
56,100	0.965	SUMMARY / 90	

Route Condition Legend – Pavement Condition Rating (PCR)

Poor (0 - 60)	Fair (61- 84)	Good (85 - 94)	Excellent (95 - 100)	Not Rated
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See Appendix for definitions and formulas

The condition shown on this page reflects the overall route condition and may not reflect individual subcomponent ratings.



Mount Rainier National Park

ROUTE 0928AZ: TIPSOO LAKE PARKING A

Subcomponent of Route MORA-0928ZZ

Manual Rating

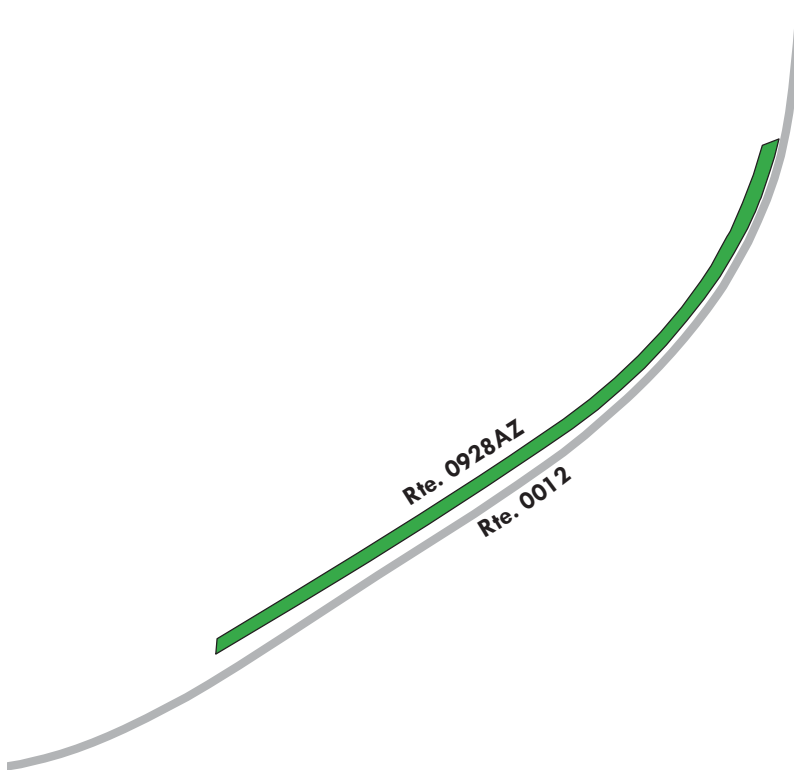
ADJACENT TO ROUTE 0012 (STATE ROUTE 410 (MATHER MEMORIAL PARKWAY)) AT MP 11.34

Inspection Date	FMSS Number	User Access	Surface Type
8/8/2015	20271	PUBLIC	ASPHALT
Area (Sq. Ft.)	Lane Miles (11' Widths)	Curb Reveal (Inches)	Curb Recommendation
9,661	0.166	6	DO NOTHING
Curb Type		Curb & Gutter Type	
STONE		NO CURB AND GUTTER	
Pavement Recommendation		Condition Rating / PCR	
PREVENTIVE MAINTENANCE		GOOD / 90	

Route Condition Legend – Pavement Condition Rating (PCR)

Poor (0 - 60)	Fair (61- 84)	Good (85 - 94)	Excellent (95 - 100)	Not Rated
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See Appendix for definitions and formulas



Mount Rainier National Park

ROUTE 0928BZ: TIPSOO LAKE PARKING B

Subcomponent of Route MORA-0928ZZ

Manual Rating

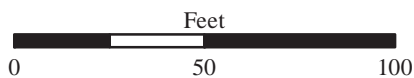
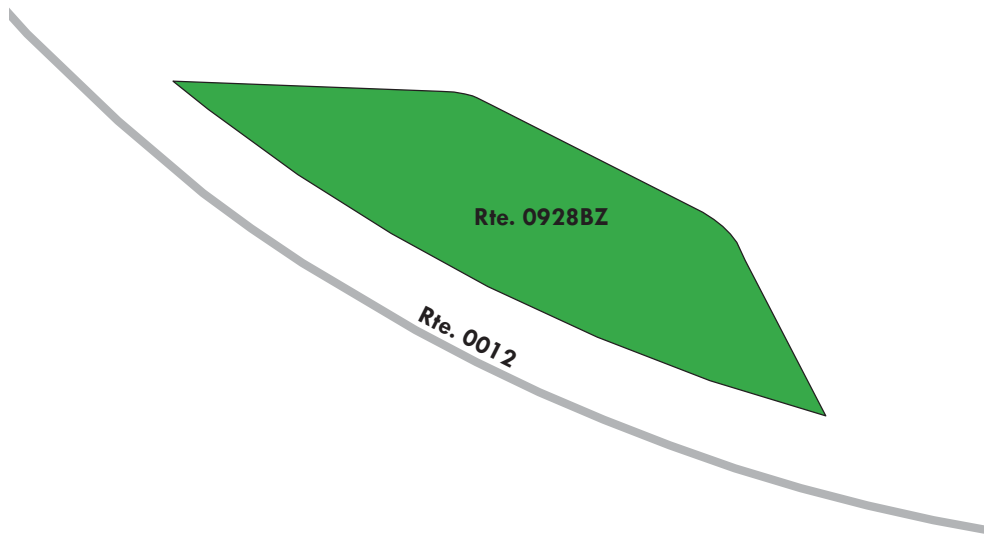
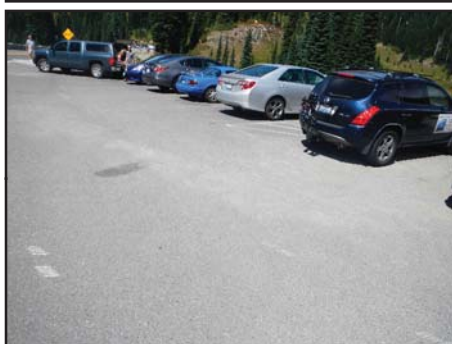
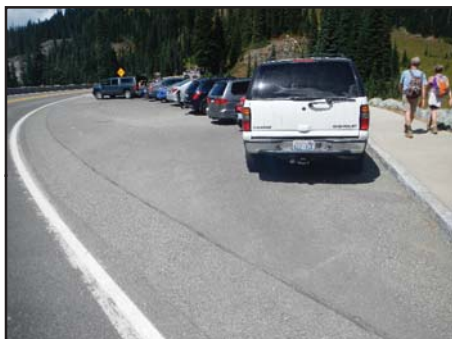
ADJACENT TO ROUTE 0012 (STATE ROUTE 410 (MATHER MEMORIAL PARKWAY)) AT MP 11.19

Inspection Date	FMSS Number	User Access	Surface Type
8/8/2015	20271	PUBLIC	ASPHALT
Area (Sq. Ft.)	Lane Miles (11' Widths)	Curb Reveal (Inches)	Curb Recommendation
3,906	0.067	6	DO NOTHING
Curb Type		Curb & Gutter Type	
STONE		NO CURB AND GUTTER	
Pavement Recommendation		Condition Rating / PCR	
PREVENTIVE MAINTENANCE		GOOD / 90	

Route Condition Legend – Pavement Condition Rating (PCR)

Poor (0 - 60)	Fair (61- 84)	Good (85 - 94)	Excellent (95 - 100)	Not Rated
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See Appendix for definitions and formulas



Mount Rainier National Park

ROUTE 0928CZ: TIPSOO LAKE PARKING C

Subcomponent of Route MORA-0928ZZ

Manual Rating

ADJACENT TO ROUTE 0012 (STATE ROUTE 410 (MATHER MEMORIAL PARKWAY)) AT MP 11.00

Inspection Date	FMSS Number	User Access	Surface Type
8/8/2015	20271	PUBLIC	ASPHALT
Area (Sq. Ft.)	Lane Miles (11' Widths)	Curb Reveal (Inches)	Curb Recommendation
42,533	0.732	NOT APPLICABLE	NOT APPLICABLE
Curb Type		Curb & Gutter Type	
NO CURB		NO CURB AND GUTTER	
Pavement Recommendation		Condition Rating / PCR	
PREVENTIVE MAINTENANCE		GOOD / 90	

Route Condition Legend – Pavement Condition Rating (PCR)

Poor (0 - 60)

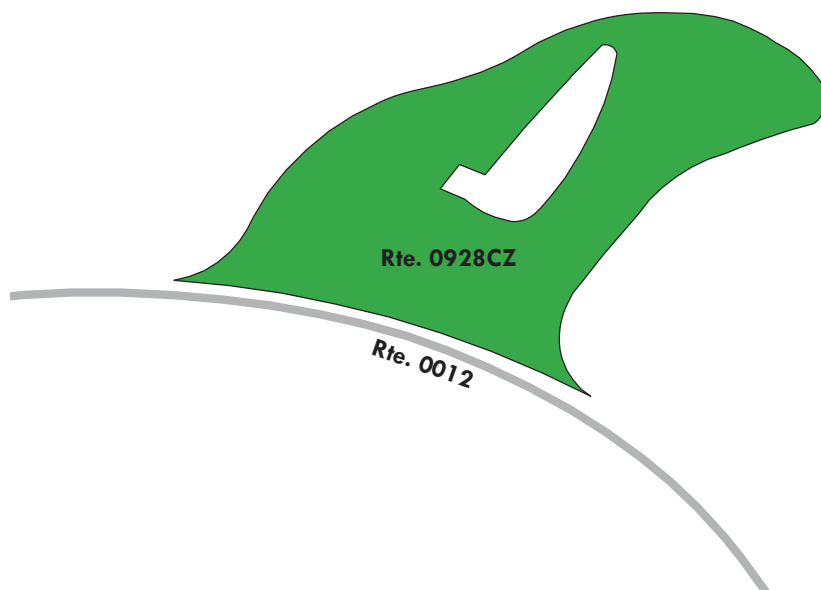
Fair (61- 84)

Good (85 - 94)

Excellent (95 - 100)

Not Rated

See Appendix for definitions and formulas



Mount Rainier National Park

ROUTE 0929: WHITE RIVER RANGER SERVICE AREA PARKING

Manual Rating

FROM ROUTE 0011 (SUNRISE ROAD) AT MP 1.32

TO PARKING

Inspection Date	FMSS Number	User Access	Surface Type
8/8/2015	20272	NONPUBLIC	ASPHALT
Area (Sq. Ft.)	Lane Miles (11' Widths)	Curb Reveal (Inches)	Curb Recommendation
25,154	0.433	NOT APPLICABLE	NOT APPLICABLE
Curb Type		Curb & Gutter Type	
NO CURB		NO CURB AND GUTTER	
Pavement Recommendation		Condition Rating / PCR	
PREVENTIVE MAINTENANCE		GOOD / 90	

Route Condition Legend – Pavement Condition Rating (PCR)

Poor (0 - 60)

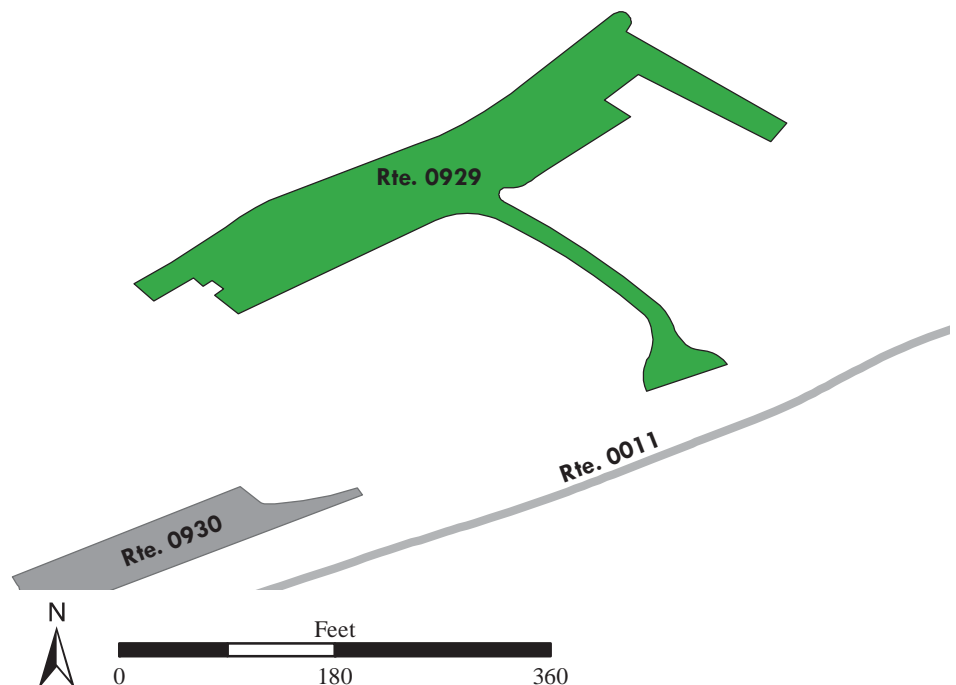
Fair (61- 84)

Good (85 - 94)

Excellent (95 - 100)

Not Rated

See Appendix for definitions and formulas



Mount Rainier National Park

ROUTE 0930: WHITE RIVER INFORMATION CENTER PARKING

Manual Rating

ADJACENT TO ROUTE 0011 (SUNRISE ROAD) AT MP 1.37

Inspection Date	FMSS Number	User Access	Surface Type
8/8/2015	20275	PUBLIC	ASPHALT
Area (Sq. Ft.)	Lane Miles (11' Widths)	Curb Reveal (Inches)	Curb Recommendation
6,840	0.118	NOT APPLICABLE	NOT APPLICABLE
Curb Type		Curb & Gutter Type	
NO CURB		NO CURB AND GUTTER	
Pavement Recommendation		Condition Rating / PCR	
LIGHT 3R TREATMENTS		FAIR / 73	

Route Condition Legend – Pavement Condition Rating (PCR)

Poor (0 - 60)

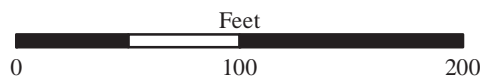
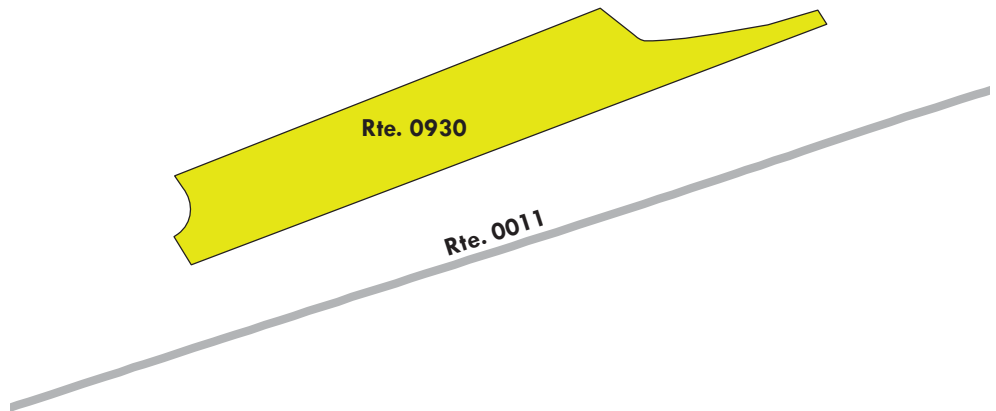
Fair (61- 84)

Good (85 - 94)

Excellent (95 - 100)

Not Rated

See Appendix for definitions and formulas



Mount Rainier National Park

ROUTE 0931: OWYHIGH LAKE TRAIL PARKING

Manual Rating

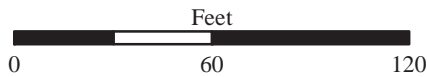
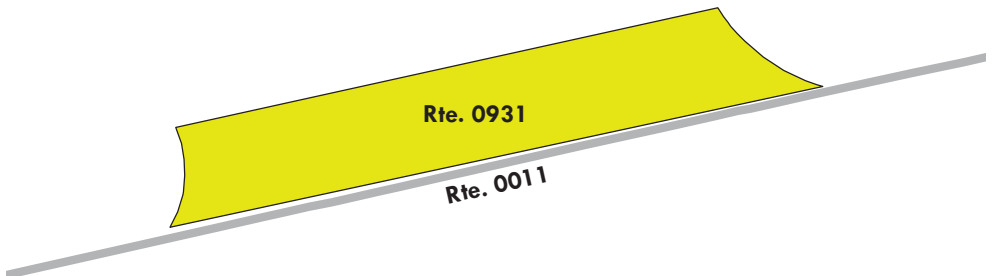
ADJACENT TO ROUTE 0011 (SUNRISE ROAD) AT MP 3.57

Inspection Date	FMSS Number	User Access	Surface Type
8/8/2015	247126	PUBLIC	ASPHALT
Area (Sq. Ft.)	Lane Miles (11' Widths)	Curb Reveal (Inches)	Curb Recommendation
3,670	0.063	NOT APPLICABLE	NOT APPLICABLE
Curb Type		Curb & Gutter Type	
NO CURB		NO CURB AND GUTTER	
Pavement Recommendation		Condition Rating / PCR	
LIGHT 3R TREATMENTS		FAIR / 73	

Route Condition Legend – Pavement Condition Rating (PCR)

Poor (0 - 60)	Fair (61- 84)	Good (85 - 94)	Excellent (95 - 100)	Not Rated
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See Appendix for definitions and formulas



Mount Rainier National Park

ROUTE 0932: FRYING PAN CREEK / SUMMERLAND TRAILHEAD PARKING

Manual Rating

ADJACENT TO ROUTE 0011 (SUNRISE ROAD) AT MP 4.27

Inspection Date	FMSS Number	User Access	Surface Type
8/8/2015	247122	PUBLIC	ASPHALT
Area (Sq. Ft.)	Lane Miles (11' Widths)	Curb Reveal (Inches)	Curb Recommendation
6,752	0.116	NOT APPLICABLE	NOT APPLICABLE
Curb Type		Curb & Gutter Type	
NO CURB		NO CURB AND GUTTER	
Pavement Recommendation		Condition Rating / PCR	
LIGHT 3R TREATMENTS		FAIR / 73	

Route Condition Legend – Pavement Condition Rating (PCR)

Poor (0 - 60)

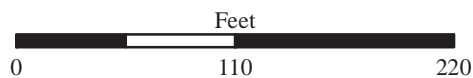
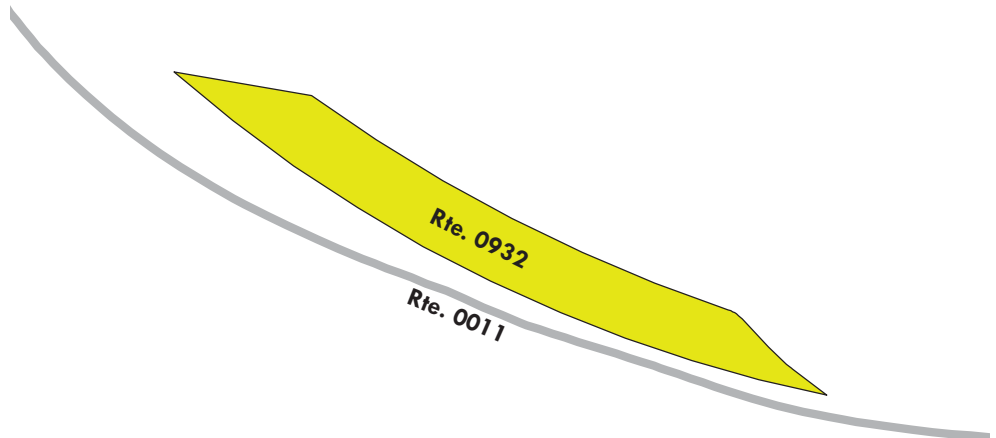
Fair (61- 84)

Good (85 - 94)

Excellent (95 - 100)

Not Rated

See Appendix for definitions and formulas



Mount Rainier National Park

ROUTE 0934: SUNRISE POINT PARKING

Manual Rating

FROM ROUTE 0011 (SUNRISE ROAD) AT MP 12.74 ON LEFT

TO ROUTE 0011 (SUNRISE ROAD)

Inspection Date	FMSS Number	User Access	Surface Type
8/8/2015	20289	PUBLIC	ASPHALT
Area (Sq. Ft.)	Lane Miles (11' Widths)	Curb Reveal (Inches)	Curb Recommendation
23,035	0.397	1	DO NOTHING
Curb Type		Curb & Gutter Type	
STONE		NO CURB AND GUTTER	
Pavement Recommendation		Condition Rating / PCR	
PREVENTIVE MAINTENANCE		GOOD / 90	

Route Condition Legend – Pavement Condition Rating (PCR)

Poor (0 - 60)

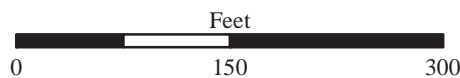
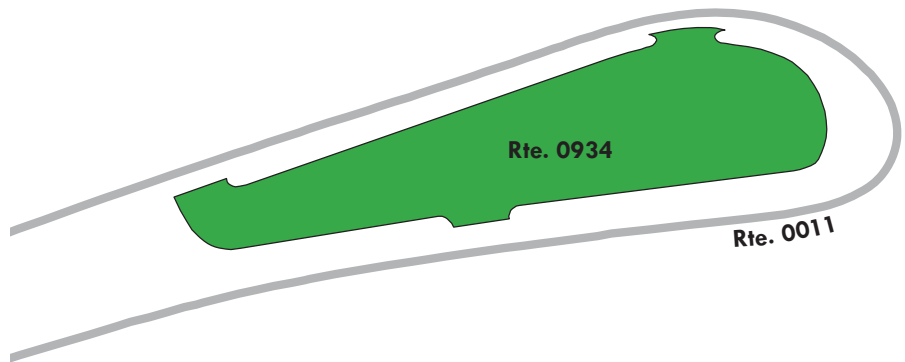
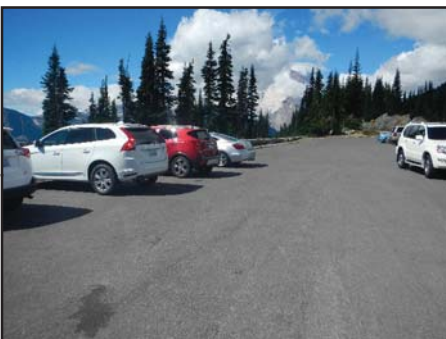
Fair (61- 84)

Good (85 - 94)

Excellent (95 - 100)

Not Rated

See Appendix for definitions and formulas



Mount Rainier National Park

ROUTE 0935: SUNRISE LODGE PARKING

Manual Rating

FROM END OF ROUTE 0011 (SUNRISE ROAD)

TO PARKING

Inspection Date	FMSS Number	User Access	Surface Type
8/8/2015	20292	PUBLIC	ASPHALT
Area (Sq. Ft.)	Lane Miles (11' Widths)	Curb Reveal (Inches)	Curb Recommendation
125,896	2.168	2	DO NOTHING
Curb Type		Curb & Gutter Type	
STONE		NO CURB AND GUTTER	
Pavement Recommendation		Condition Rating / PCR	
LIGHT 3R TREATMENTS		FAIR / 73	

Route Condition Legend – Pavement Condition Rating (PCR)

Poor (0 - 60)

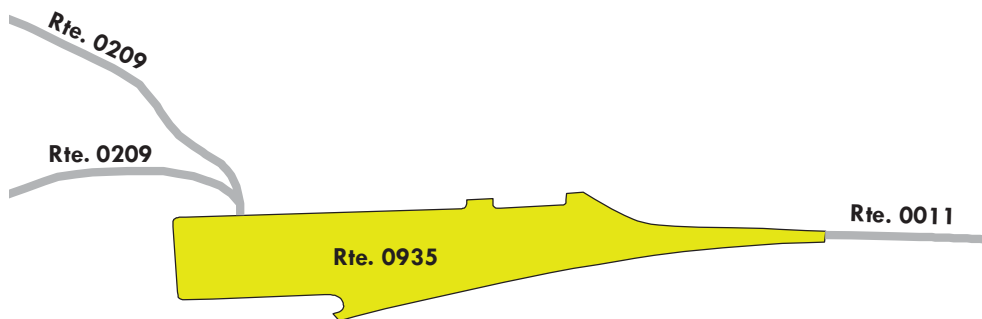
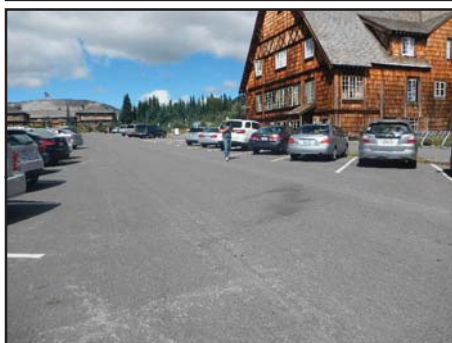
Fair (61- 84)

Good (85 - 94)

Excellent (95 - 100)

Not Rated

See Appendix for definitions and formulas



Mount Rainier National Park

ROUTE 0936ZZ: TAHOMA WOODS ADMIN BUILDING PARKING AREAS

Summary Route
Manual Rating

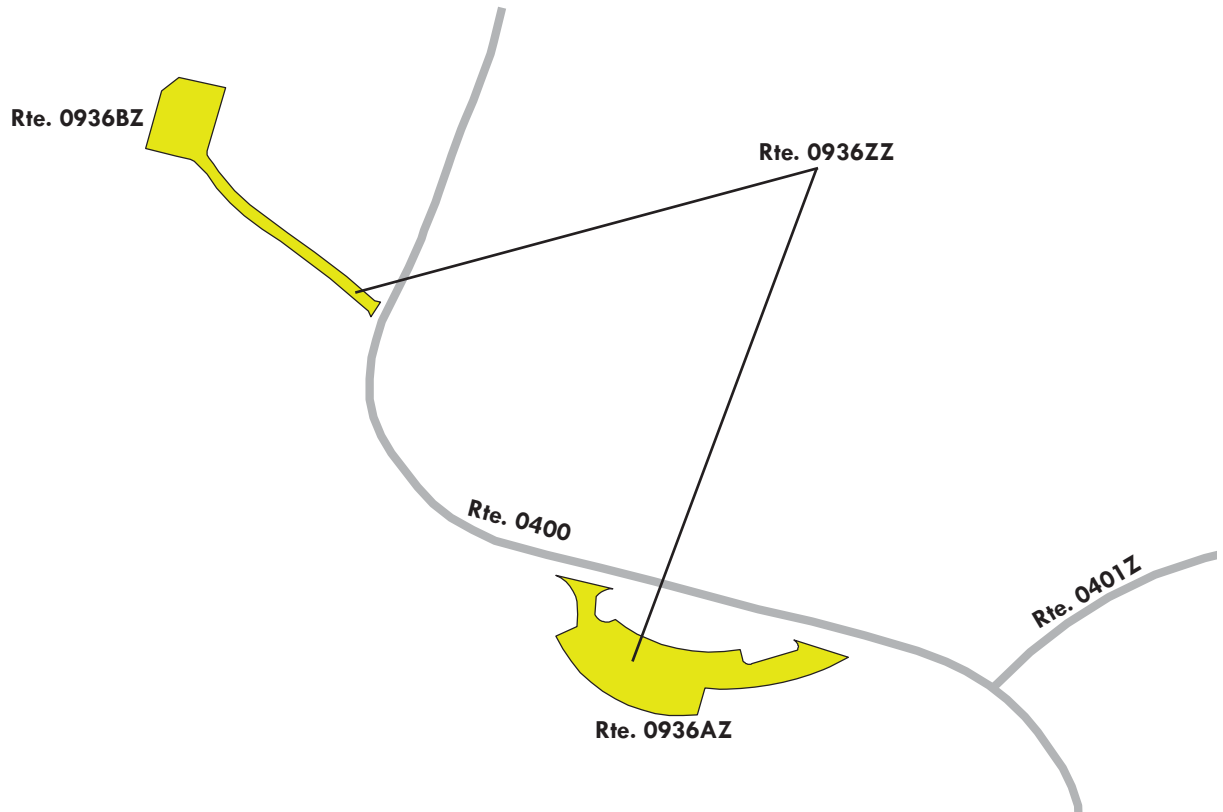
FROM ROUTE 0400 (TAHOMA WOODS ADMIN ENTRANCE ROAD)

TO ROUTE 0400 (TAHOMA WOODS ADMIN ENTRANCE ROAD)

Inspection Date	FMSS Number	User Access	Surface Type
8/7/2015	40227	PUBLIC	ASPHALT
Area (Sq. Ft.)	Lane Miles (11' Widths)	Condition Rating / PCR	
26,675	0.459	SUMMARY / 81	

Route Condition Legend – Pavement Condition Rating (PCR)				
Poor (0 - 60)	Fair (61- 84)	Good (85 - 94)	Excellent (95 - 100)	Not Rated
See Appendix for definitions and formulas				

The condition shown on this page reflects the overall route condition and may not reflect individual subcomponent ratings.



Mount Rainier National Park

ROUTE 0936AZ: TAHOMA WOODS ADMIN BUILDING PARKING A

Subcomponent of Route MORA-0936ZZ

Manual Rating

FROM ROUTE 0400 (TAHOMA WOODS ADMIN ENTRANCE ROAD) AT MP 0.11

TO ROUTE 0400 (TAHOMA WOODS ADMIN ENTRANCE ROAD)

Inspection Date	FMSS Number	User Access	Surface Type
8/7/2015	40227	PUBLIC	ASPHALT
Area (Sq. Ft.)	Lane Miles (11' Widths)	Curb Reveal (Inches)	Curb Recommendation
17,484	0.301	NOT APPLICABLE	DO NOTHING
Curb Type		Curb & Gutter Type	
NO CURB		CONCRETE	
Pavement Recommendation		Condition Rating / PCR	
LIGHT 3R TREATMENTS		FAIR / 73	

Route Condition Legend – Pavement Condition Rating (PCR)

Poor (0 - 60)

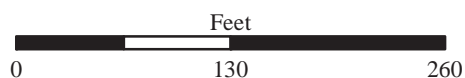
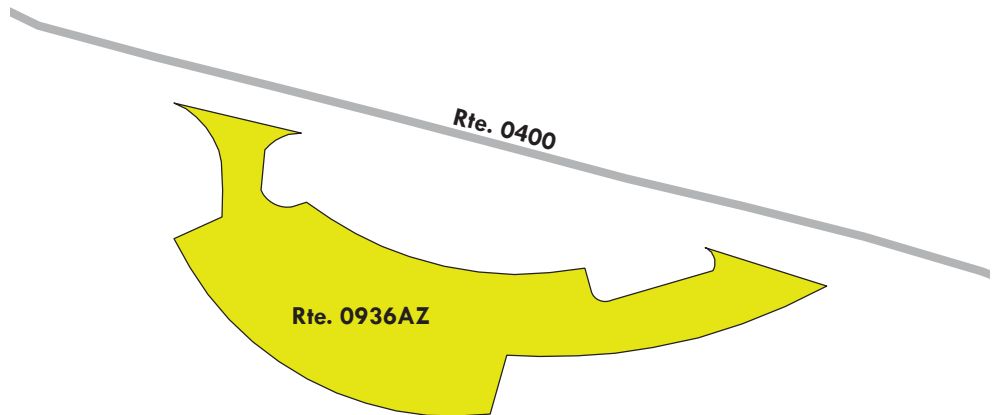
Fair (61- 84)

Good (85 - 94)

Excellent (95 - 100)

Not Rated

See Appendix for definitions and formulas



Mount Rainier National Park

ROUTE 0936BZ: TAHOMA WOODS ADMIN BUILDING PARKING B

Subcomponent of Route MORA-0936ZZ

Manual Rating

FROM ROUTE 0400 (TAHOMA WOODS ADMIN ENTRANCE ROAD)

TO PARKING

Inspection Date	FMSS Number	User Access	Surface Type
8/7/2015	40227	PUBLIC	ASPHALT
Area (Sq. Ft.)	Lane Miles (11' Widths)	Curb Reveal (Inches)	Curb Recommendation
9,191	0.158	NOT APPLICABLE	NOT APPLICABLE
Curb Type		Curb & Gutter Type	
NO CURB		NO CURB AND GUTTER	
Pavement Recommendation		Condition Rating / PCR	
DO NOTHING		EXCELLENT / 97	

Route Condition Legend – Pavement Condition Rating (PCR)

Poor (0 - 60)

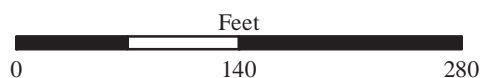
Fair (61- 84)

Good (85 - 94)

Excellent (95 - 100)

Not Rated

See Appendix for definitions and formulas



Mount Rainier National Park

ROUTE 0937: PARADISE RESIDENCE ROAD PARKING

Manual Rating

FROM ROUTE 0915 (PARADISE PARKING (LOWER LOT))
TO PARKING

Inspection Date	FMSS Number	User Access	Surface Type
8/8/2015	40228	NONPUBLIC	ASPHALT
Area (Sq. Ft.)	Lane Miles (11' Widths)	Curb Reveal (Inches)	Curb Recommendation
6,951	0.12	NOT APPLICABLE	NOT APPLICABLE
Curb Type		Curb & Gutter Type	
NO CURB		NO CURB AND GUTTER	
Pavement Recommendation		Condition Rating / PCR	
PREVENTIVE MAINTENANCE		GOOD / 90	

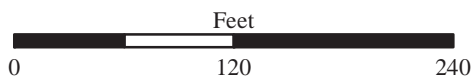
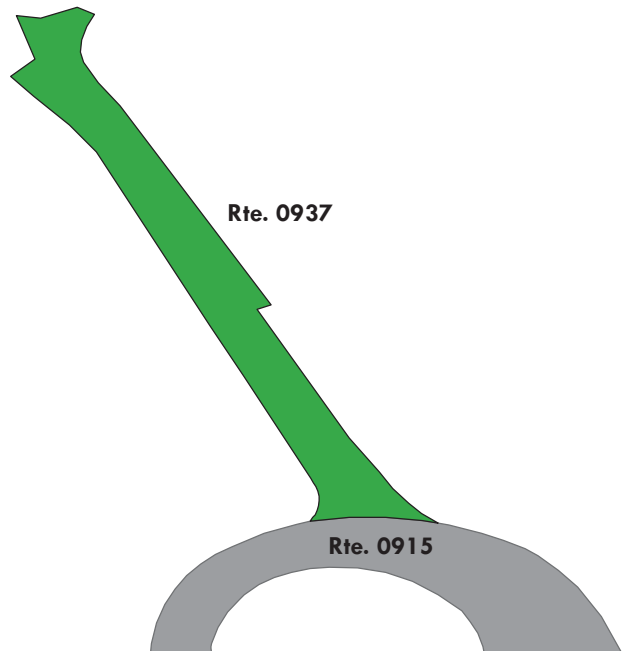
Route Condition Legend – Pavement Condition Rating (PCR)

Poor (0 - 60)	Fair (61- 84)	Good (85 - 94)	Excellent (95 - 100)	Not Rated
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See Appendix for definitions and formulas



Parking area consists of multiple surface types. Two parts Asphalt at 6,353 square feet; one part Concrete at 598 square feet.



Mount Rainier National Park

ROUTE 0938: SNOW LAKE TRAIL PARKING

Manual Rating

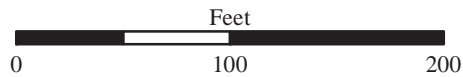
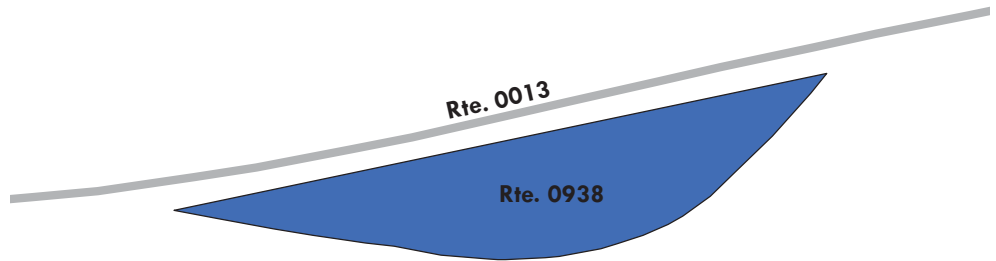
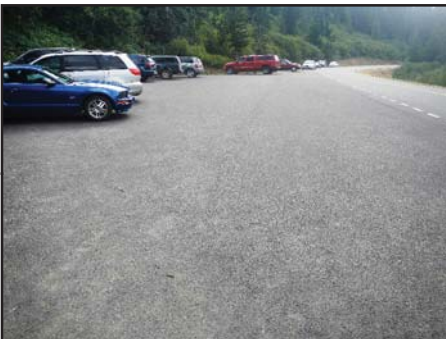
ADJACENT TO ROUTE 0013 (STEVENS CANYON ROAD) AT MP 2.88

Inspection Date	FMSS Number	User Access	Surface Type
8/8/2015	247127	PUBLIC	ASPHALT
Area (Sq. Ft.)	Lane Miles (11' Widths)	Curb Reveal (Inches)	Curb Recommendation
7,761	0.134	NOT APPLICABLE	NOT APPLICABLE
Curb Type		Curb & Gutter Type	
NO CURB		NO CURB AND GUTTER	
Pavement Recommendation		Condition Rating / PCR	
DO NOTHING		EXCELLENT / 97	

Route Condition Legend – Pavement Condition Rating (PCR)

Poor (0 - 60)
Fair (61- 84)
Good (85 - 94)
Excellent (95 - 100)
Not Rated

See Appendix for definitions and formulas



Mount Rainier National Park

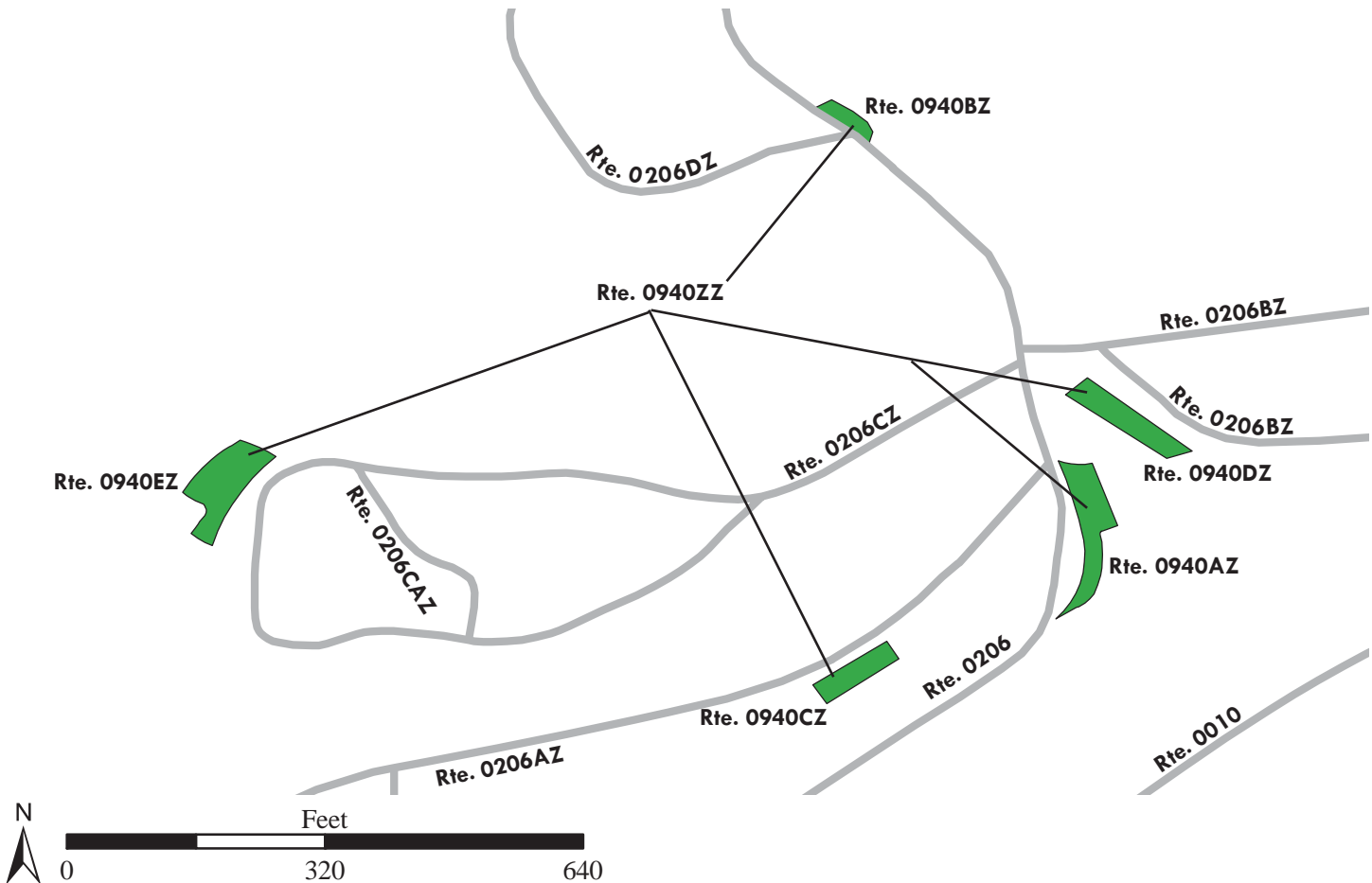
ROUTE 0940ZZ: OHANA CAMPGROUND PARKING AREAS

Summary Route
Manual Rating

ADJACENT TO ROUTE 0206ZZ (OHANA CAMPGROUND LOOPS) AND ROUTE 0206 (OHANA CAMPGROUND ENTRANCE ROAD)

Inspection Date	FMSS Number	User Access	Surface Type
8/8/2015	104356	PUBLIC	ASPHALT
Area (Sq. Ft.)	Lane Miles (11' Widths)	Condition Rating / PCR	
14,246	0.246	SUMMARY / 89	
Route Condition Legend – Pavement Condition Rating (PCR)			
Poor (0 - 60)	Fair (61- 84)	Good (85 - 94)	Excellent (95 - 100)
			Not Rated
See Appendix for definitions and formulas			

The condition shown on this page reflects the overall route condition and may not reflect individual subcomponent ratings.



Mount Rainier National Park

ROUTE 0940AZ: OHANA CAMPGROUND VISITOR CENTER PARKING

Subcomponent of Route MORA-0940ZZ

Manual Rating

ADJACENT TO ROUTE 0206 (OHANA CAMPGROUND ENTRANCE ROAD) AT MP 0.30

Inspection Date	FMSS Number	User Access	Surface Type
8/8/2015	104356	PUBLIC	ASPHALT
Area (Sq. Ft.)	Lane Miles (11' Widths)	Curb Reveal (Inches)	Curb Recommendation
3,890	0.067	NOT APPLICABLE	DO NOTHING
Curb Type		Curb & Gutter Type	
NO CURB		CONCRETE	
Pavement Recommendation		Condition Rating / PCR	
PREVENTIVE MAINTENANCE		GOOD / 90	

Route Condition Legend – Pavement Condition Rating (PCR)

Poor (0 - 60)

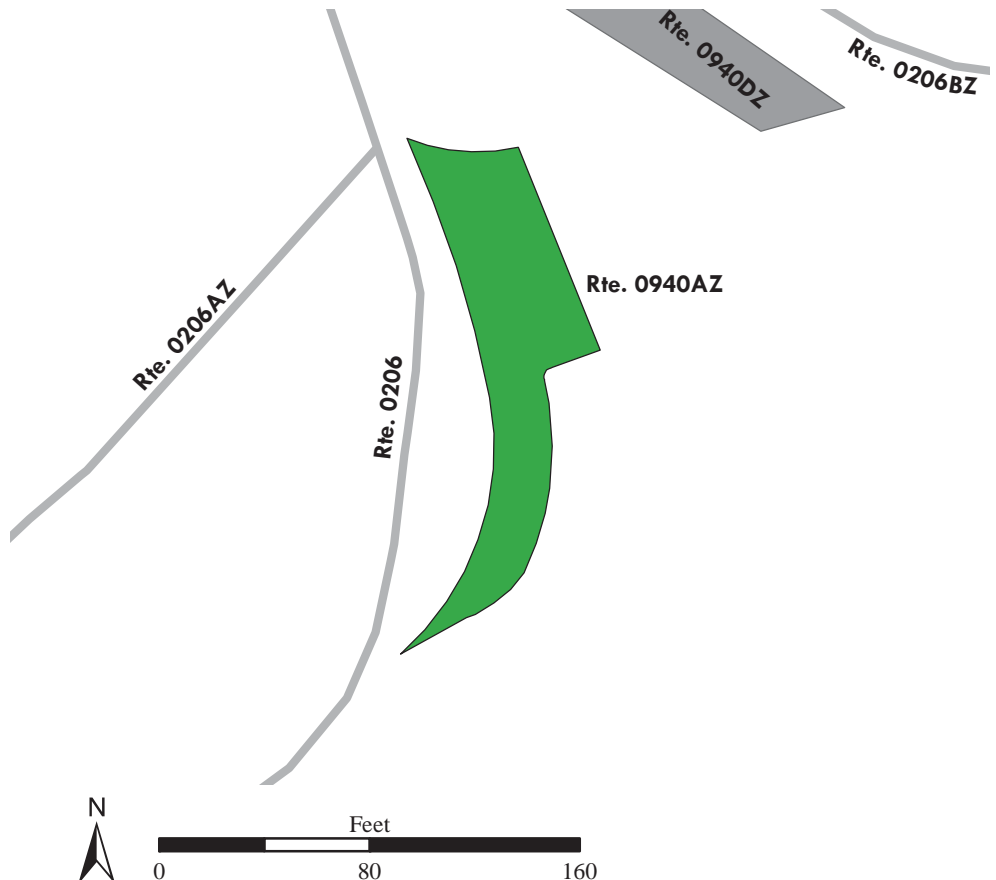
Fair (61- 84)

Good (85 - 94)

Excellent (95 - 100)

Not Rated

See Appendix for definitions and formulas



Mount Rainier National Park

ROUTE 0940BZ: OHANA CAMPGROUND AMPHITHEATER PARKING

Subcomponent of Route MORA-0940ZZ

Manual Rating

ADJACENT TO ROUTE 0206 (OHANA CAMPGROUND ENTRANCE ROAD) AT MP 0.41

Inspection Date	FMSS Number	User Access	Surface Type
8/8/2015	104356	PUBLIC	ASPHALT
Area (Sq. Ft.)	Lane Miles (11' Widths)	Curb Reveal (Inches)	Curb Recommendation
1,028	0.018	NOT APPLICABLE	NOT APPLICABLE
Curb Type		Curb & Gutter Type	
NO CURB		NO CURB AND GUTTER	
Pavement Recommendation		Condition Rating / PCR	
LIGHT 3R TREATMENTS		FAIR / 73	

Route Condition Legend – Pavement Condition Rating (PCR)

Poor (0 - 60)

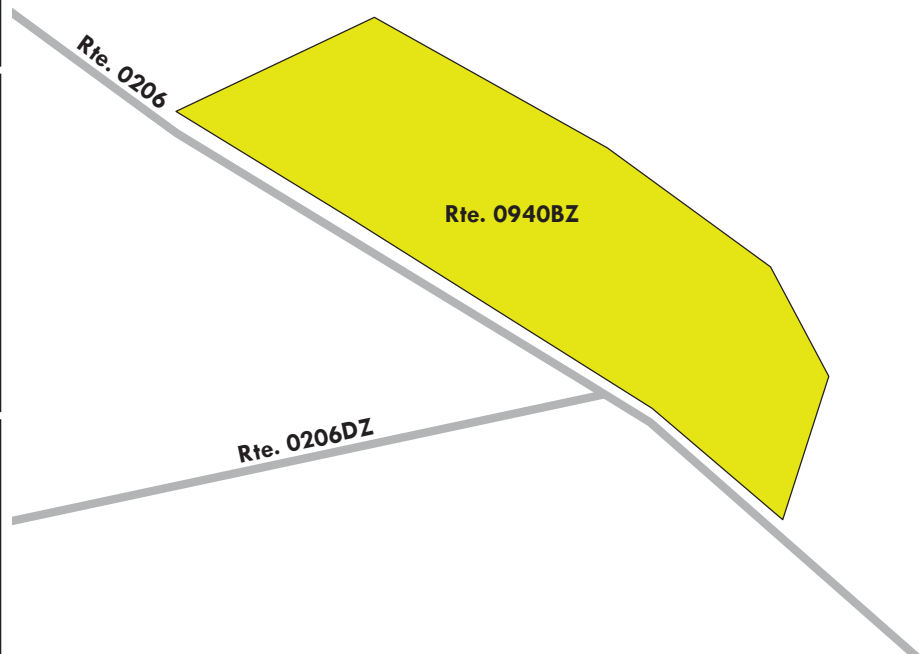
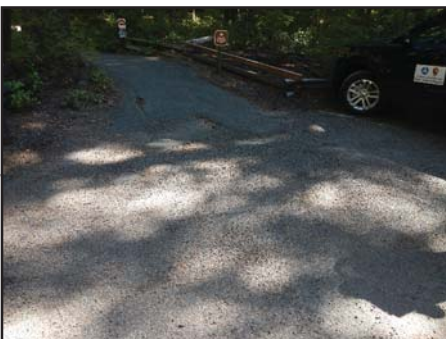
Fair (61- 84)

Good (85 - 94)

Excellent (95 - 100)

Not Rated

See Appendix for definitions and formulas



Mount Rainier National Park

ROUTE 0940CZ: OHANA CAMPGROUND LOOP A PICNIC PARKING

Subcomponent of Route MORA-0940ZZ

Manual Rating

ADJACENT TO ROUTE 0206AZ (OHANA CAMPGROUND LOOP A) AT MP 0.03

Inspection Date	FMSS Number	User Access	Surface Type
8/8/2015	104356	PUBLIC	ASPHALT
Area (Sq. Ft.)	Lane Miles (11' Widths)	Curb Reveal (Inches)	Curb Recommendation
2,030	0.035	NOT APPLICABLE	NOT APPLICABLE
Curb Type		Curb & Gutter Type	
NO CURB		NO CURB AND GUTTER	
Pavement Recommendation		Condition Rating / PCR	
PREVENTIVE MAINTENANCE		GOOD / 90	

Route Condition Legend – Pavement Condition Rating (PCR)

Poor (0 - 60)

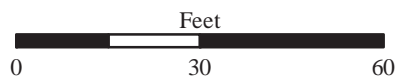
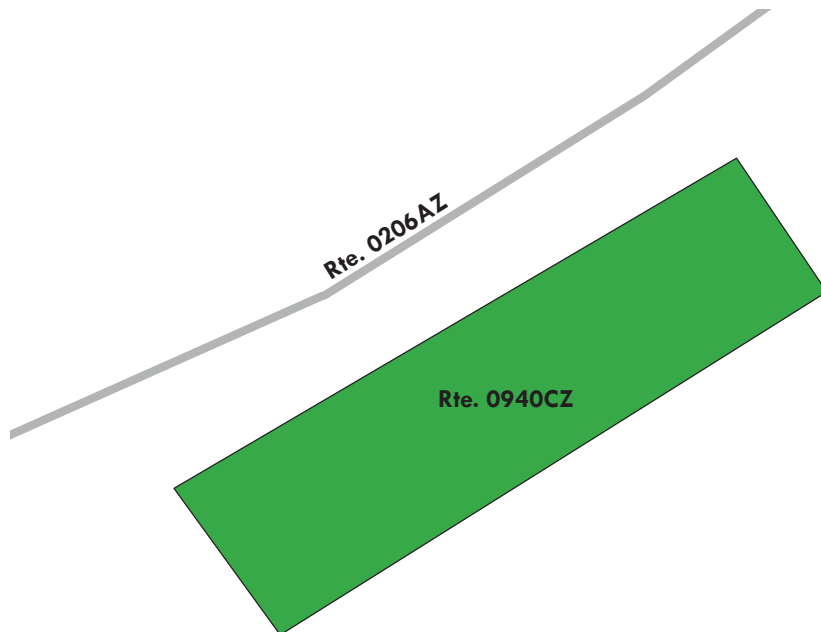
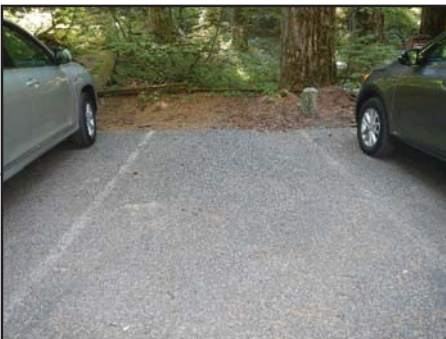
Fair (61- 84)

Good (85 - 94)

Excellent (95 - 100)

Not Rated

See Appendix for definitions and formulas



Mount Rainier National Park

ROUTE 0940DZ: OHANA CAMPGROUND LOOP B PARKING

Subcomponent of Route MORA-0940ZZ

Manual Rating

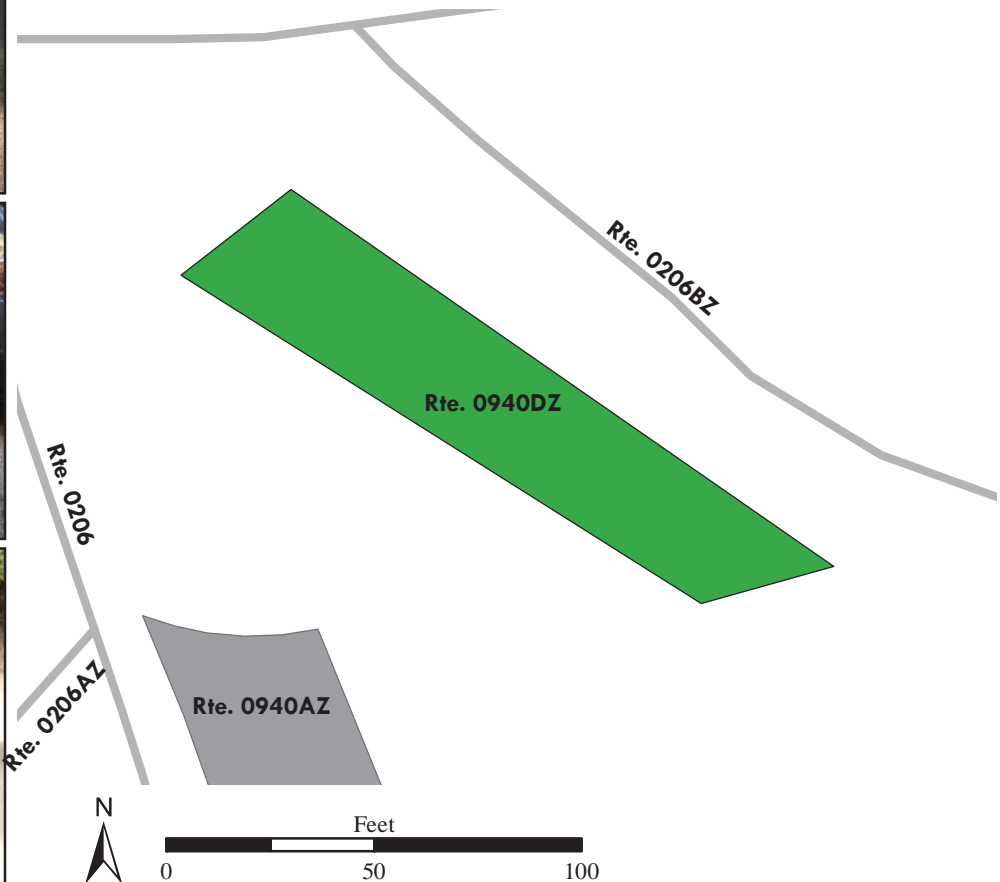
ADJACENT TO ROUTE 0206BZ (OHANA CAMPGROUND LOOP B) AT MP 0.19

Inspection Date	FMSS Number	User Access	Surface Type
8/8/2015	104356	PUBLIC	ASPHALT
Area (Sq. Ft.)	Lane Miles (11' Widths)	Curb Reveal (Inches)	Curb Recommendation
3,010	0.052	NOT APPLICABLE	NOT APPLICABLE
Curb Type		Curb & Gutter Type	
NO CURB		NO CURB AND GUTTER	
Pavement Recommendation		Condition Rating / PCR	
PREVENTIVE MAINTENANCE		GOOD / 90	

Route Condition Legend – Pavement Condition Rating (PCR)

Poor (0 - 60)	Fair (61- 84)	Good (85 - 94)	Excellent (95 - 100)	Not Rated
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See Appendix for definitions and formulas



Mount Rainier National Park

ROUTE 0940EZ: OHANA CAMPGROUND LOOP C PARKING

Subcomponent of Route MORA-0940ZZ
Manual Rating

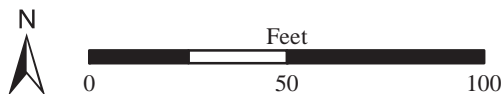
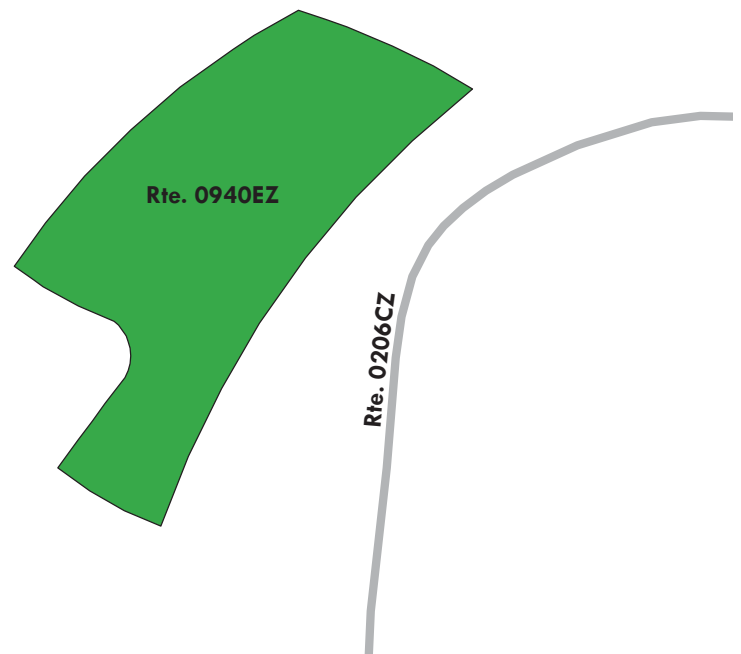
ADJACENT TO ROUTE 0206CZ (OHANA CAMPGROUND LOOP C) ON RIGHT

Inspection Date	FMSS Number	User Access	Surface Type
8/8/2015	104356	PUBLIC	ASPHALT
Area (Sq. Ft.)	Lane Miles (11' Widths)	Curb Reveal (Inches)	Curb Recommendation
4,288	0.074	NOT APPLICABLE	NOT APPLICABLE
Curb Type		Curb & Gutter Type	
NO CURB		NO CURB AND GUTTER	
Pavement Recommendation		Condition Rating / PCR	
PREVENTIVE MAINTENANCE		GOOD / 90	

Route Condition Legend – Pavement Condition Rating (PCR)

Poor (0 - 60)	Fair (61- 84)	Good (85 - 94)	Excellent (95 - 100)	Not Rated
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See Appendix for definitions and formulas



Mount Rainier National Park

ROUTE 0941ZZ: COUGAR ROCK CAMPGROUND PARKING AREAS

Summary Route
Manual Rating

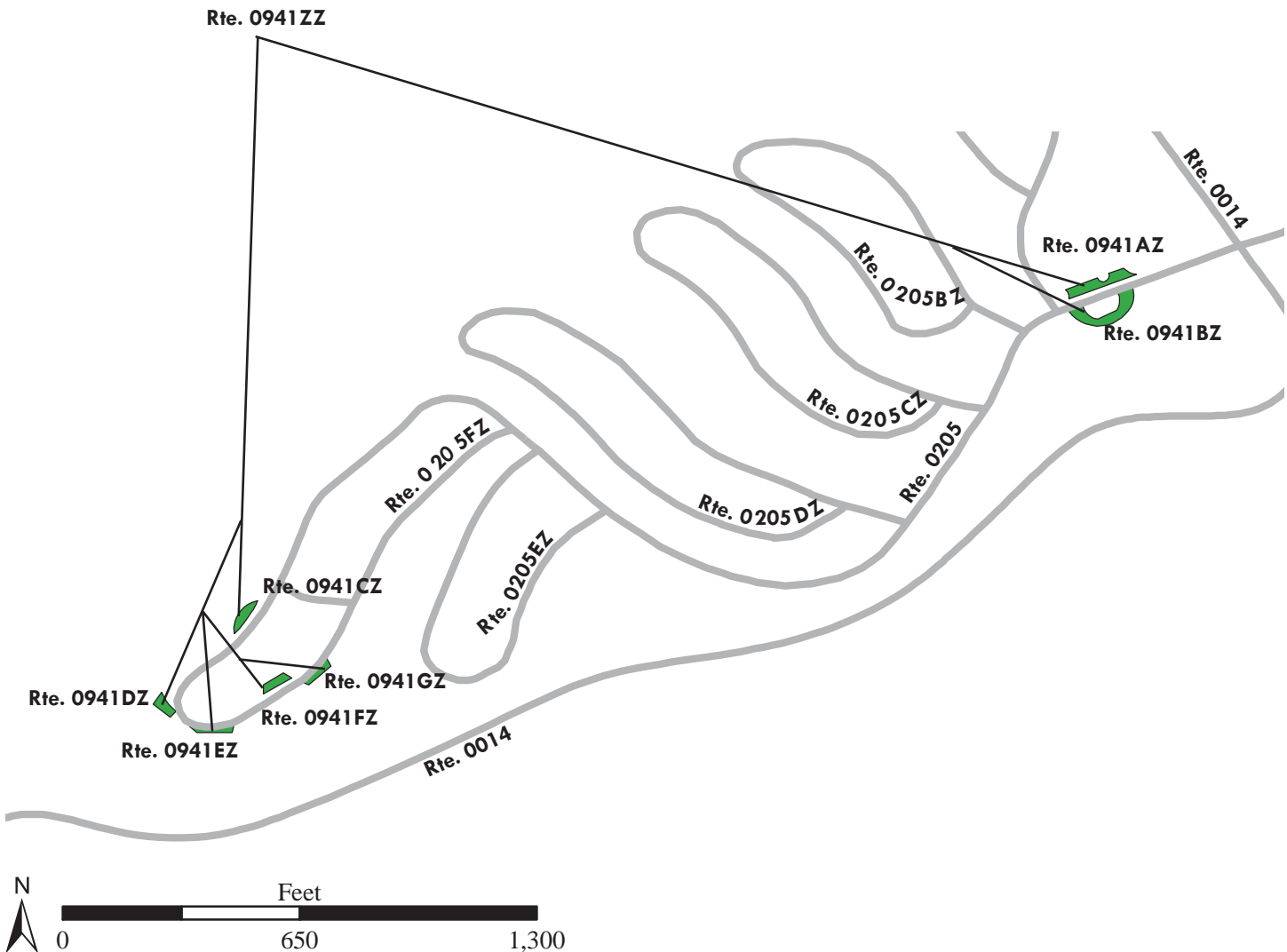
FROM ROUTE 0205 (COUGAR ROCK CAMPGROUND ENTRANCE ROAD) AND ROUTE 0205ZZ (COUGAR ROCK CAMPGROUND LOOPS)

TO PARKING

Inspection Date	FMSS Number	User Access	Surface Type
8/8/2015	104386	PUBLIC	ASPHALT
Area (Sq. Ft.)	Lane Miles (11' Widths)	Condition Rating / PCR	
13,901	0.238	SUMMARY / 88	

Route Condition Legend – Pavement Condition Rating (PCR)				
Poor (0 - 60)	Fair (61- 84)	Good (85 - 94)	Excellent (95 - 100)	Not Rated
See Appendix for definitions and formulas				

The condition shown on this page reflects the overall route condition and may not reflect individual subcomponent ratings.



Mount Rainier National Park

ROUTE 0941AZ: COUGAR ROCK CAMPGROUND RANGER STATION PARKING

Subcomponent of Route MORA-0941ZZ

Manual Rating

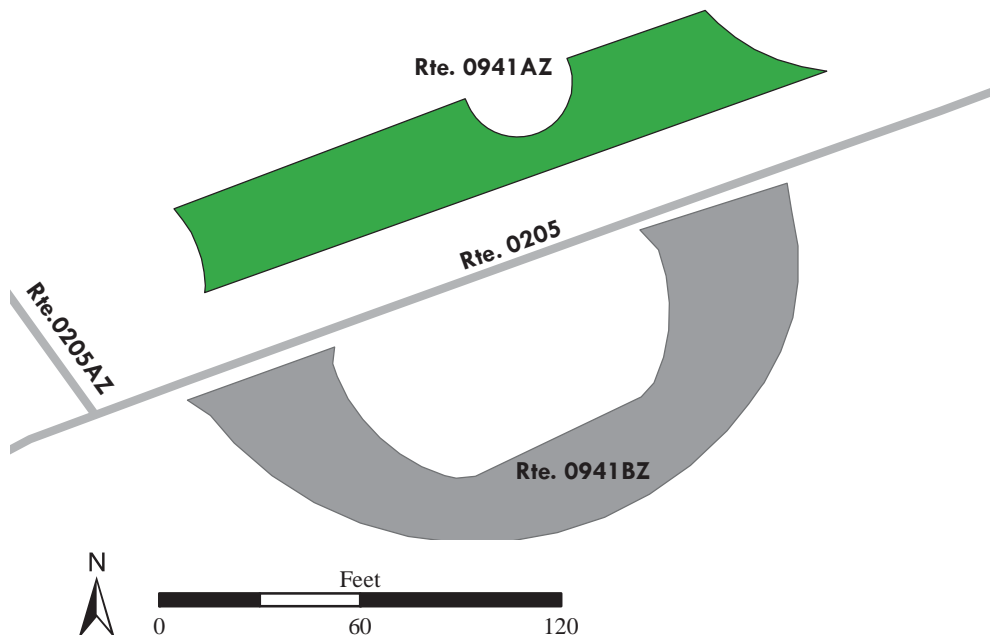
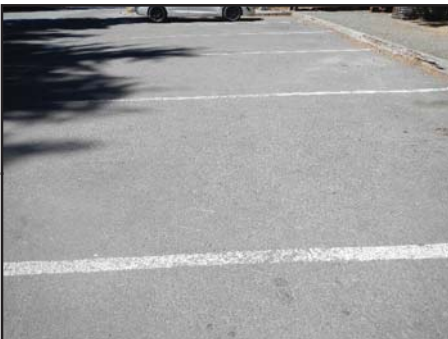
ADJACENT TO ROUTE 0205 (COUGAR ROCK CAMPGROUND ENTRANCE ROAD) ON RIGHT AT MP 0.05

Inspection Date	FMSS Number	User Access	Surface Type
8/7/2015	104386	PUBLIC	ASPHALT
Area (Sq. Ft.)	Lane Miles (11' Widths)	Curb Reveal (Inches)	Curb Recommendation
3,152	0.054	5	LIGHT REPAIR
Curb Type		Curb & Gutter Type	
WOOD		NO CURB AND GUTTER	
Pavement Recommendation		Condition Rating / PCR	
PREVENTIVE MAINTENANCE		GOOD / 90	

Route Condition Legend – Pavement Condition Rating (PCR)

Poor (0 - 60)	Fair (61- 84)	Good (85 - 94)	Excellent (95 - 100)	Not Rated
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See Appendix for definitions and formulas



Mount Rainier National Park

ROUTE 0941BZ: COUGAR ROCK CAMPGROUND DUMP STATION

Subcomponent of Route MORA-0941ZZ

Manual Rating

FROM ROUTE 0205 (COUGAR ROCK CAMPGROUND ENTRANCE ROAD) ON LEFT

TO ROUTE 0205 (COUGAR ROCK CAMPGROUND ENTRANCE ROAD) ON LEFT

Inspection Date	FMSS Number	User Access	Surface Type
8/8/2015	104386	PUBLIC	ASPHALT
Area (Sq. Ft.)	Lane Miles (11' Widths)	Curb Reveal (Inches)	Curb Recommendation
4,362	0.075	6	DO NOTHING
Curb Type		Curb & Gutter Type	
CONCRETE		NO CURB AND GUTTER	
Pavement Recommendation		Condition Rating / PCR	
PREVENTIVE MAINTENANCE		GOOD / 90	

Route Condition Legend – Pavement Condition Rating (PCR)

Poor (0 - 60)

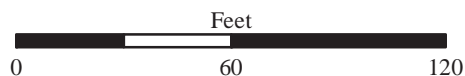
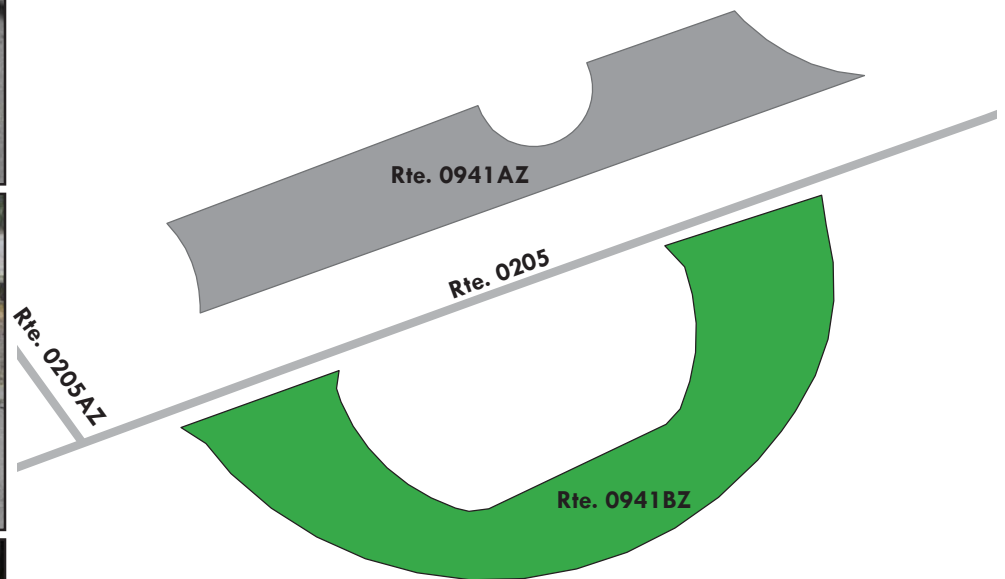
Fair (61- 84)

Good (85 - 94)

Excellent (95 - 100)

Not Rated

See Appendix for definitions and formulas



Mount Rainier National Park

ROUTE 0941CZ: COUGAR ROCK CAMPGROUND PARKING C

Subcomponent of Route MORA-0941ZZ
Manual Rating

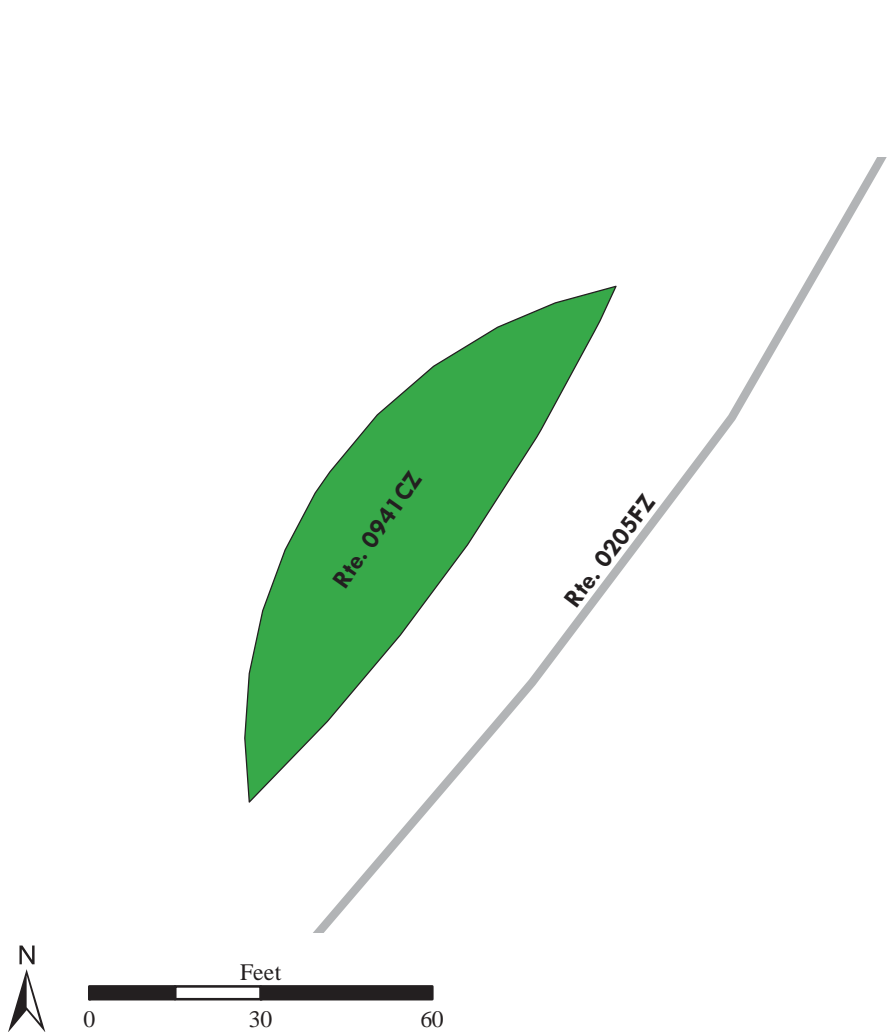
ADJACENT TO ROUTE 0205FZ (COUGAR ROCK CAMPGROUND LOOP F) ON RIGHT

Inspection Date	FMSS Number	User Access	Surface Type
8/8/2015	104386	PUBLIC	ASPHALT
Area (Sq. Ft.)	Lane Miles (11' Widths)	Curb Reveal (Inches)	Curb Recommendation
1,391	0.024	NOT APPLICABLE	NOT APPLICABLE
Curb Type		Curb & Gutter Type	
NO CURB		NO CURB AND GUTTER	
Pavement Recommendation		Condition Rating / PCR	
PREVENTIVE MAINTENANCE		GOOD / 90	

Route Condition Legend – Pavement Condition Rating (PCR)

Poor (0 - 60)	Fair (61- 84)	Good (85 - 94)	Excellent (95 - 100)	Not Rated
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See Appendix for definitions and formulas



Mount Rainier National Park

ROUTE 0941DZ: COUGAR ROCK CAMPGROUND PARKING D

Subcomponent of Route MORA-0941ZZ

Manual Rating

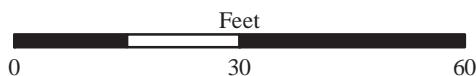
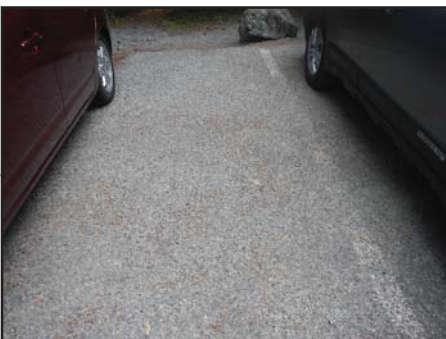
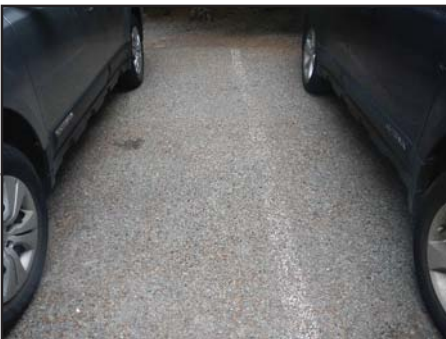
ADJACENT TO ROUTE 0205FZ (COUGAR ROCK CAMPGROUND LOOP F) ON RIGHT

Inspection Date	FMSS Number	User Access	Surface Type
8/8/2015	104386	PUBLIC	ASPHALT
Area (Sq. Ft.)	Lane Miles (11' Widths)	Curb Reveal (Inches)	Curb Recommendation
1,223	0.021	NOT APPLICABLE	NOT APPLICABLE
Curb Type		Curb & Gutter Type	
NO CURB		NO CURB AND GUTTER	
Pavement Recommendation		Condition Rating / PCR	
PREVENTIVE MAINTENANCE		GOOD / 90	

Route Condition Legend – Pavement Condition Rating (PCR)

Poor (0 - 60)	Fair (61- 84)	Good (85 - 94)	Excellent (95 - 100)	Not Rated
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See Appendix for definitions and formulas



Mount Rainier National Park

ROUTE 0941EZ: COUGAR ROCK CAMPGROUND PARKING E

Subcomponent of Route MORA-0941ZZ

Manual Rating

ADJACENT TO ROUTE 0205FZ (COUGAR ROCK CAMPGROUND LOOP F) ON RIGHT

Inspection Date	FMISS Number	User Access	Surface Type
8/8/2015	104386	PUBLIC	ASPHALT
Area (Sq. Ft.)	Lane Miles (11' Widths)	Curb Reveal (Inches)	Curb Recommendation
1,234	0.021	NOT APPLICABLE	NOT APPLICABLE
Curb Type		Curb & Gutter Type	
NO CURB		NO CURB AND GUTTER	
Pavement Recommendation		Condition Rating / PCR	
LIGHT 3R TREATMENTS		FAIR / 73	

Route Condition Legend – Pavement Condition Rating (PCR)

Poor (0 - 60)

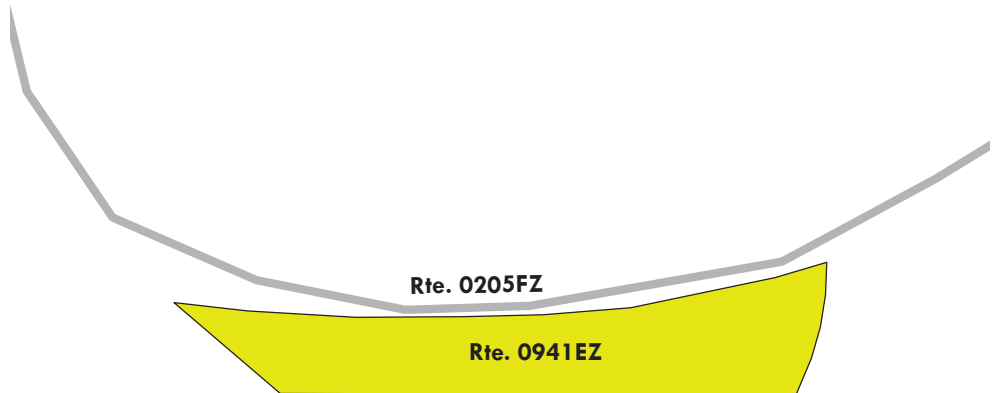
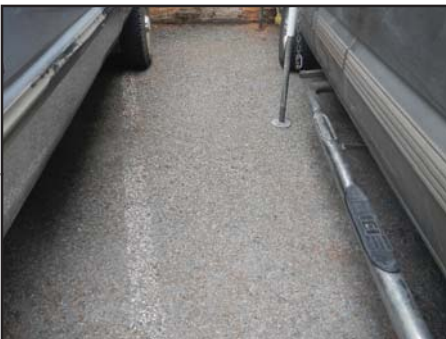
Fair (61- 84)

Good (85 - 94)

Excellent (95 - 100)

Not Rated

See Appendix for definitions and formulas



Mount Rainier National Park

ROUTE 0941FZ: COUGAR ROCK CAMPGROUND PARKING F

Subcomponent of Route MORA-0941ZZ

Manual Rating

ADJACENT TO ROUTE 0205FZ (COUGAR ROCK CAMPGROUND LOOP F) ON LEFT

Inspection Date	FMSS Number	User Access	Surface Type
8/8/2015	104386	PUBLIC	ASPHALT
Area (Sq. Ft.)	Lane Miles (11' Widths)	Curb Reveal (Inches)	Curb Recommendation
1,187	0.02	NOT APPLICABLE	NOT APPLICABLE
Curb Type		Curb & Gutter Type	
NO CURB		NO CURB AND GUTTER	
Pavement Recommendation		Condition Rating / PCR	
PREVENTIVE MAINTENANCE		GOOD / 90	

Route Condition Legend – Pavement Condition Rating (PCR)

Poor (0 - 60)

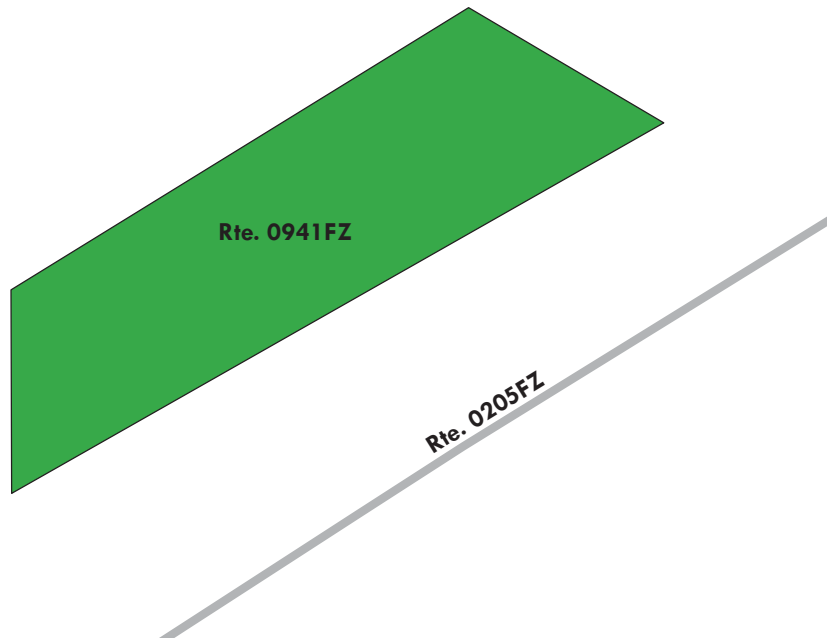
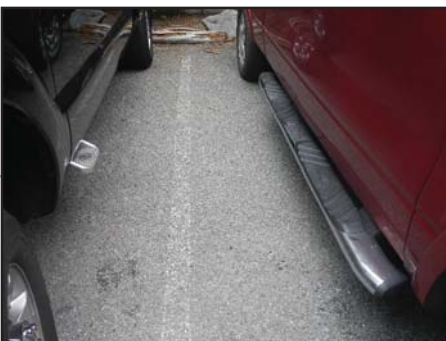
Fair (61- 84)

Good (85 - 94)

Excellent (95 - 100)

Not Rated

See Appendix for definitions and formulas



Mount Rainier National Park

ROUTE 0941GZ: COUGAR ROCK CAMPGROUND PARKING G

Subcomponent of Route MORA-0941ZZ

Manual Rating

ADJACENT TO ROUTE 0205FZ (COUGAR ROCK CAMPGROUND LOOP F) ON RIGHT

Inspection Date	FMSS Number	User Access	Surface Type
8/8/2015	104386	PUBLIC	ASPHALT
Area (Sq. Ft.)	Lane Miles (11' Widths)	Curb Reveal (Inches)	Curb Recommendation
1,352	0.023	4	MODERATE REPAIR
Curb Type		Curb & Gutter Type	
WOOD		NO CURB AND GUTTER	
Pavement Recommendation		Condition Rating / PCR	
PREVENTIVE MAINTENANCE		GOOD / 90	

Route Condition Legend – Pavement Condition Rating (PCR)

Poor (0 - 60)

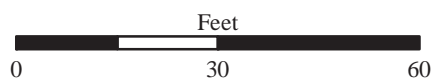
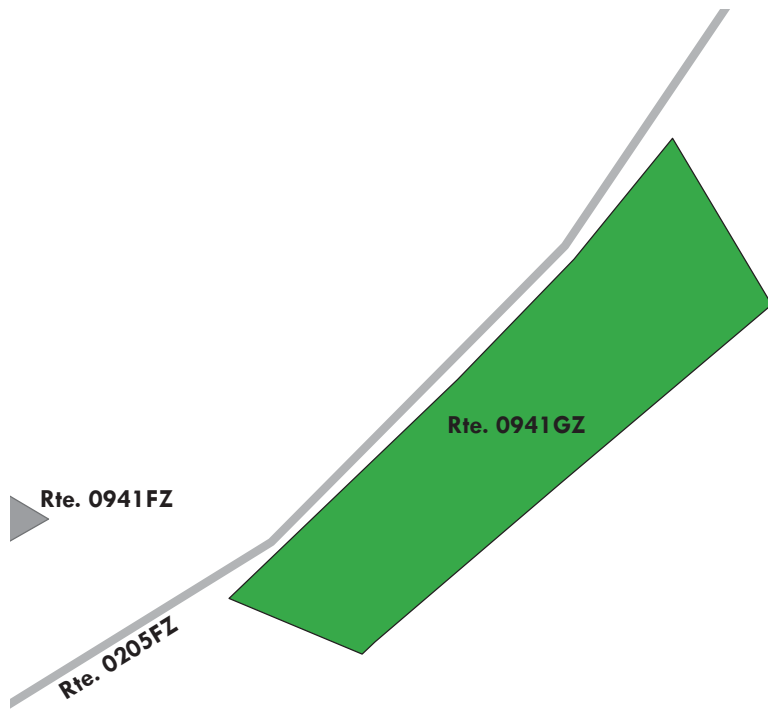
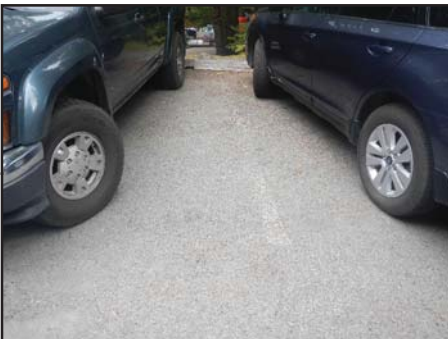
Fair (61- 84)

Good (85 - 94)

Excellent (95 - 100)

Not Rated

See Appendix for definitions and formulas



Mount Rainier National Park

ROUTE 0942: CARTER FALLS TRAILHEAD PARKING

Manual Rating

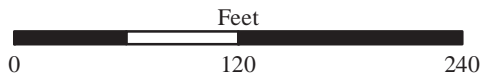
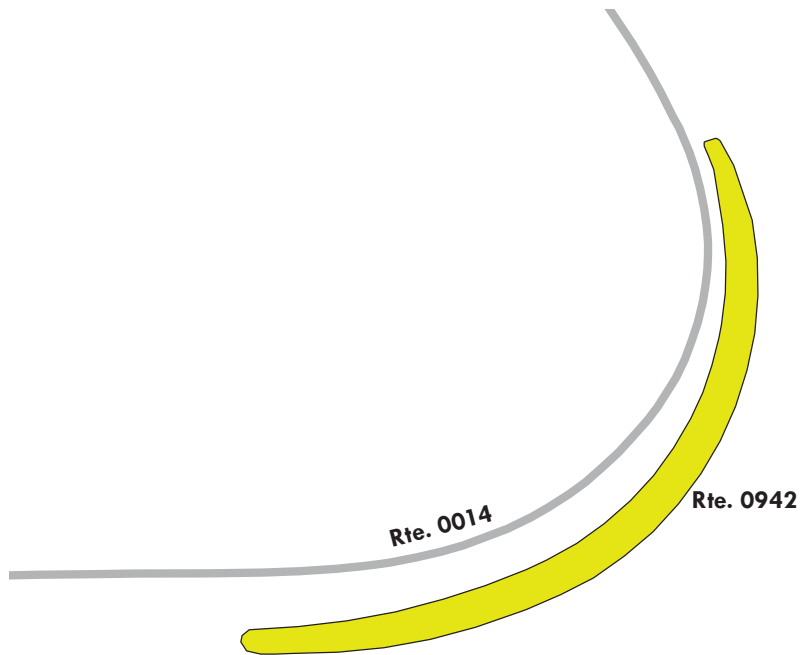
ADJACENT TO ROUTE 0014 (STATE ROUTE 706 (NISQUALLY ROAD))

Inspection Date	FMSS Number	User Access	Surface Type
8/8/2015	247118	PUBLIC	ASPHALT
Area (Sq. Ft.)	Lane Miles (11' Widths)	Curb Reveal (Inches)	Curb Recommendation
5,424	0.093	5	REPLACE
Curb Type		Curb & Gutter Type	
ASPHALT		NO CURB AND GUTTER	
Pavement Recommendation		Condition Rating / PCR	
LIGHT 3R TREATMENTS		FAIR / 73	

Route Condition Legend – Pavement Condition Rating (PCR)

Poor (0 - 60)	Fair (61- 84)	Good (85 - 94)	Excellent (95 - 100)	Not Rated
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See Appendix for definitions and formulas



Mount Rainier National Park

ROUTE 0943ZZ: PARADISE PICNIC AREA PARKING COMPLEX

Summary Route
Manual Rating

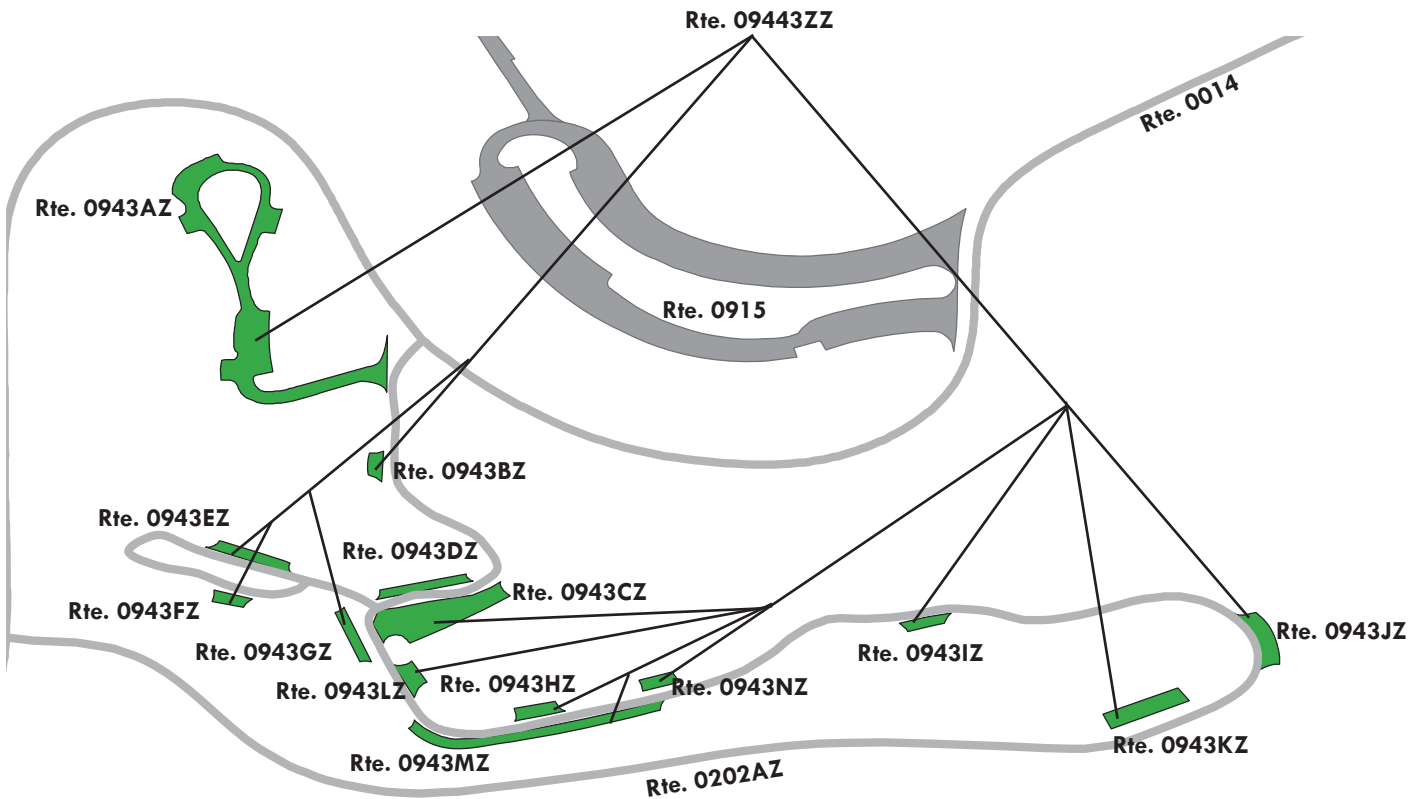
FROM ROUTE 0202ZZ (PARADISE PICNIC AREA ROADS)

TO PARKING

Inspection Date	FMSS Number	User Access	Surface Type
8/8/2015	108256	PUBLIC	ASPHALT
Area (Sq. Ft.)	Lane Miles (11' Widths)	Condition Rating / PCR	
55,053	0.951	SUMMARY / 88	

Route Condition Legend – Pavement Condition Rating (PCR)				
Poor (0 - 60)	Fair (61- 84)	Good (85 - 94)	Excellent (95 - 100)	Not Rated
See Appendix for definitions and formulas				

The condition shown on this page reflects the overall route condition and may not reflect individual subcomponent ratings.



Mount Rainier National Park

ROUTE 0943AZ: PARADISE PICNIC AREA PARKING A

Subcomponent of Route MORA-0943ZZ
Manual Rating

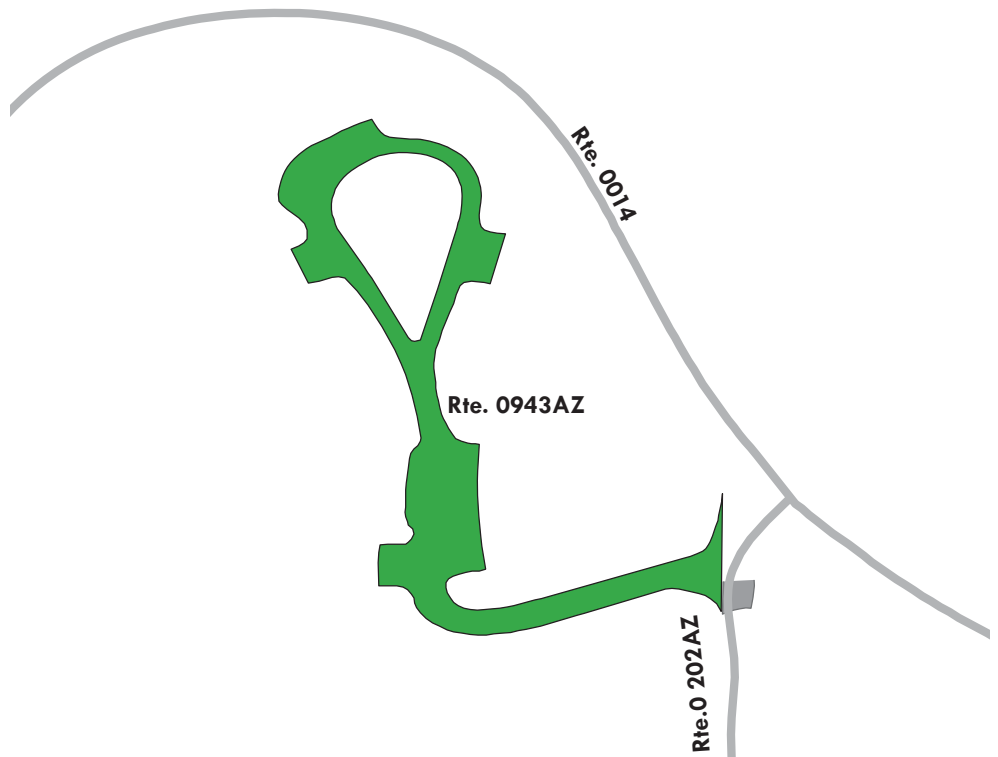
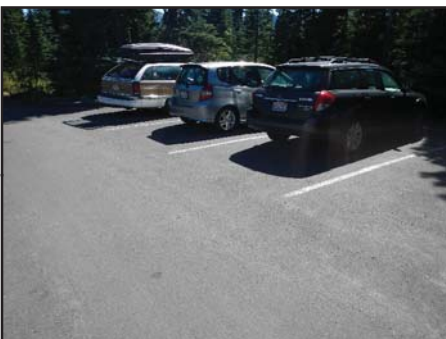
FROM ROUTE 0202AZ (PARADISE PICNIC AREA ROAD) AT MP 0.01
 TO PARKING

Inspection Date	FMSS Number	User Access	Surface Type
8/7/2015	108256	PUBLIC	ASPHALT
Area (Sq. Ft.)	Lane Miles (11' Widths)	Curb Reveal (Inches)	Curb Recommendation
22,924	0.395	4	MODERATE REPAIR
Curb Type		Curb & Gutter Type	
ASPHALT		NO CURB AND GUTTER	
Pavement Recommendation		Condition Rating / PCR	
PREVENTIVE MAINTENANCE		GOOD / 90	

Route Condition Legend – Pavement Condition Rating (PCR)

Poor (0 - 60)
Fair (61- 84)
Good (85 - 94)
Excellent (95 - 100)
Not Rated

See Appendix for definitions and formulas



Mount Rainier National Park

ROUTE 0943BZ: PARADISE PICNIC AREA PARKING B

Subcomponent of Route MORA-0943ZZ
Manual Rating

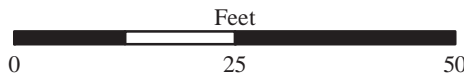
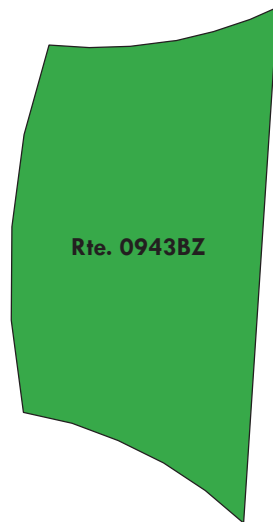
ADJACENT TO ROUTE 0202AZ (PARADISE PICNIC AREA ROAD) AT MP 0.04

Inspection Date	FMSS Number	User Access	Surface Type
8/8/2015	108256	PUBLIC	ASPHALT
Area (Sq. Ft.)	Lane Miles (11' Widths)	Curb Reveal (Inches)	Curb Recommendation
887	0.015	5	LIGHT REPAIR
Curb Type		Curb & Gutter Type	
ASPHALT		NO CURB AND GUTTER	
Pavement Recommendation		Condition Rating / PCR	
PREVENTIVE MAINTENANCE		GOOD / 90	

Route Condition Legend – Pavement Condition Rating (PCR)

Poor (0 - 60)	Fair (61- 84)	Good (85 - 94)	Excellent (95 - 100)	Not Rated
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See Appendix for definitions and formulas



Mount Rainier National Park

ROUTE 0943CZ: PARADISE PICNIC AREA PARKING C

Subcomponent of Route MORA-0943ZZ
Manual Rating

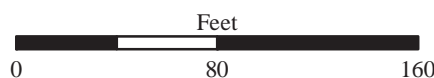
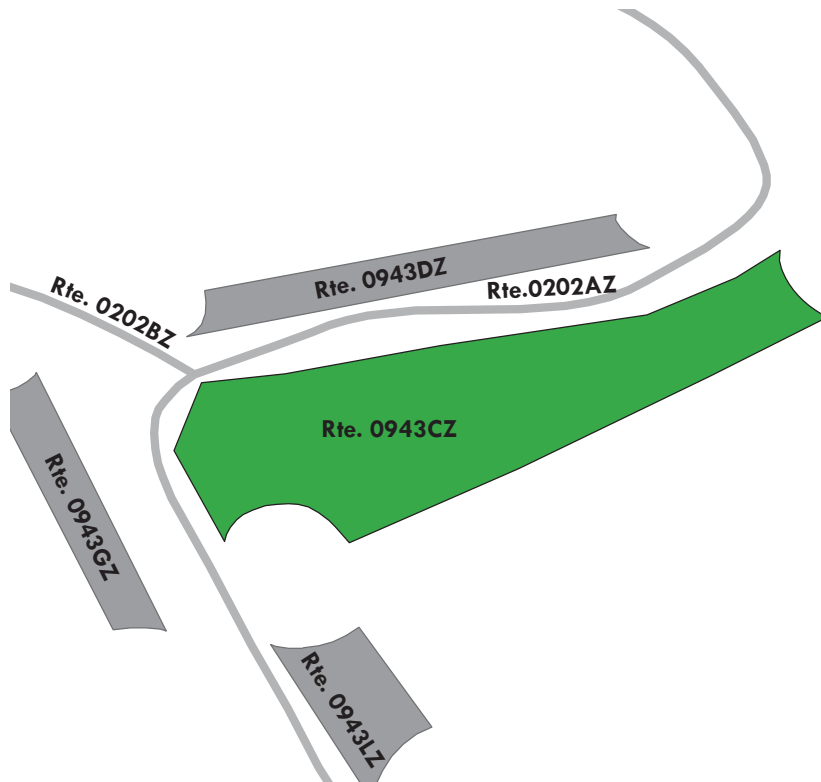
ADJACENT TO ROUTE 0202AZ (PARADISE PICNIC AREA ROAD) AT MP 0.11

Inspection Date	FMSS Number	User Access	Surface Type
8/8/2015	108256	PUBLIC	ASPHALT
Area (Sq. Ft.)	Lane Miles (11' Widths)	Curb Reveal (Inches)	Curb Recommendation
8,394	0.145	5	LIGHT REPAIR
Curb Type		Curb & Gutter Type	
ASPHALT		NO CURB AND GUTTER	
Pavement Recommendation		Condition Rating / PCR	
PREVENTIVE MAINTENANCE		GOOD / 90	

Route Condition Legend – Pavement Condition Rating (PCR)

Poor (0 - 60)	Fair (61- 84)	Good (85 - 94)	Excellent (95 - 100)	Not Rated
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See Appendix for definitions and formulas



Mount Rainier National Park

ROUTE 0943DZ: PARADISE PICNIC AREA PARKING D

Subcomponent of Route MORA-0943ZZ
Manual Rating

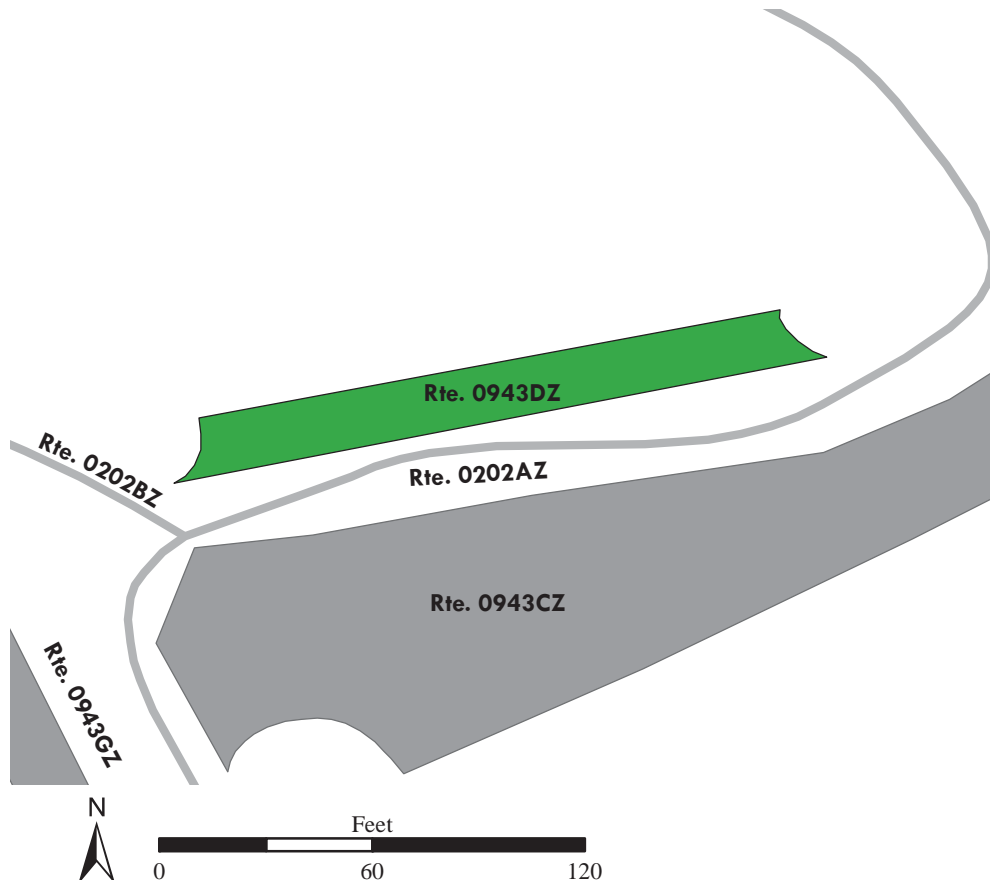
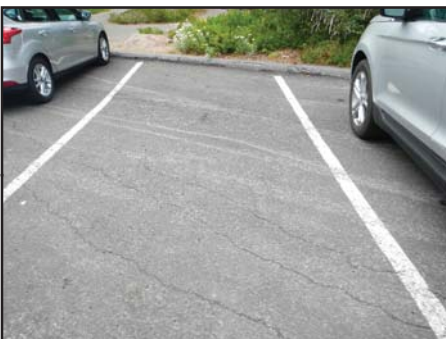
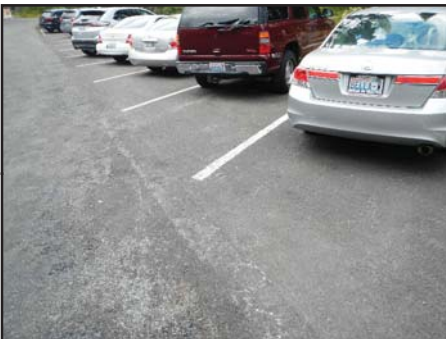
ADJACENT TO ROUTE 0202AZ (PARADISE PICNIC AREA ROAD) AT MP 0.12

Inspection Date	FMSS Number	User Access	Surface Type
8/8/2015	108256	PUBLIC	ASPHALT
Area (Sq. Ft.)	Lane Miles (11' Widths)	Curb Reveal (Inches)	Curb Recommendation
1,900	0.033	5	LIGHT REPAIR
Curb Type		Curb & Gutter Type	
ASPHALT		NO CURB AND GUTTER	
Pavement Recommendation		Condition Rating / PCR	
PREVENTIVE MAINTENANCE		GOOD / 90	

Route Condition Legend – Pavement Condition Rating (PCR)

Poor (0 - 60)	Fair (61- 84)	Good (85 - 94)	Excellent (95 - 100)	Not Rated
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See Appendix for definitions and formulas



Mount Rainier National Park

ROUTE 0943EZ: PARADISE PICNIC AREA PARKING E

Subcomponent of Route MORA-0943ZZ
Manual Rating

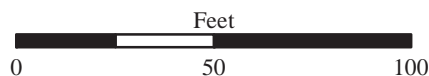
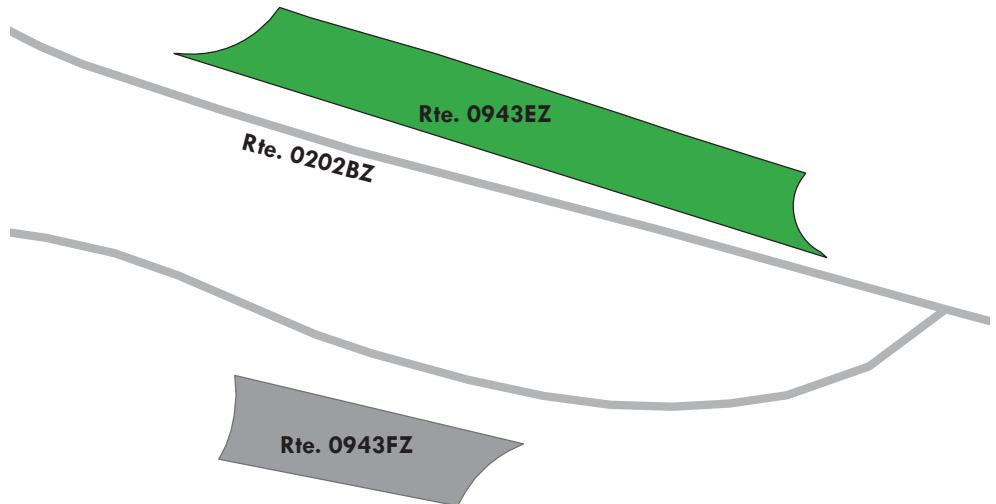
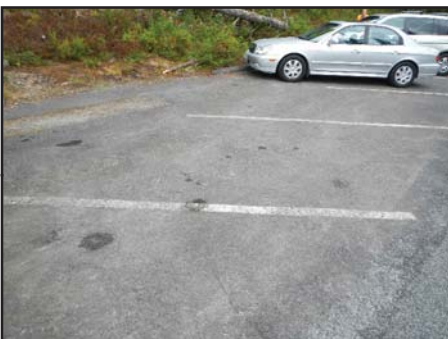
ADJACENT TO ROUTE 0202BZ (PARADISE PICNIC AREA LOOP) ON RIGHT

Inspection Date	FMSS Number	User Access	Surface Type
8/8/2015	108256	PUBLIC	ASPHALT
Area (Sq. Ft.)	Lane Miles (11' Widths)	Curb Reveal (Inches)	Curb Recommendation
1,951	0.034	5	LIGHT REPAIR
Curb Type		Curb & Gutter Type	
ASPHALT		NO CURB AND GUTTER	
Pavement Recommendation		Condition Rating / PCR	
PREVENTIVE MAINTENANCE		GOOD / 90	

Route Condition Legend – Pavement Condition Rating (PCR)

Poor (0 - 60)	Fair (61- 84)	Good (85 - 94)	Excellent (95 - 100)	Not Rated
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See Appendix for definitions and formulas



Mount Rainier National Park

ROUTE 0943FZ: PARADISE PICNIC AREA PARKING F

Subcomponent of Route MORA-0943ZZ
Manual Rating

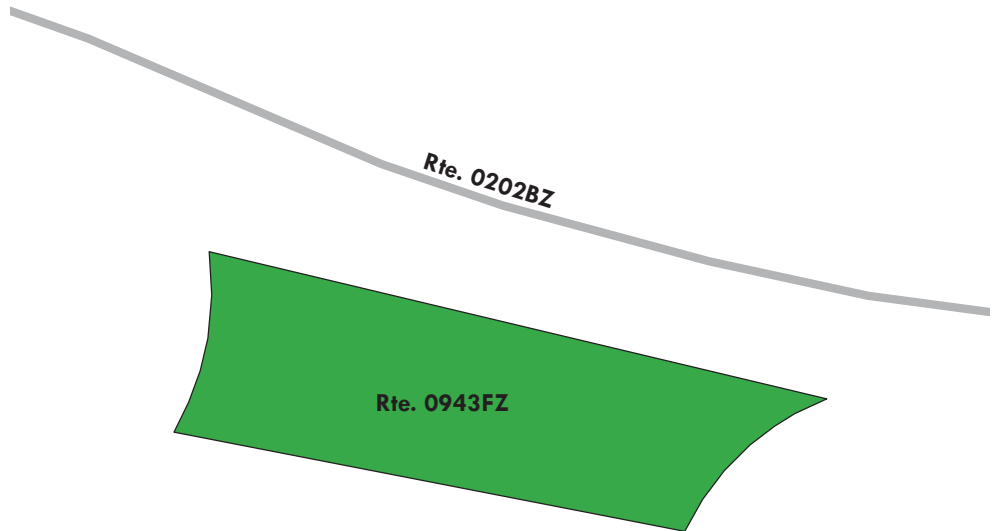
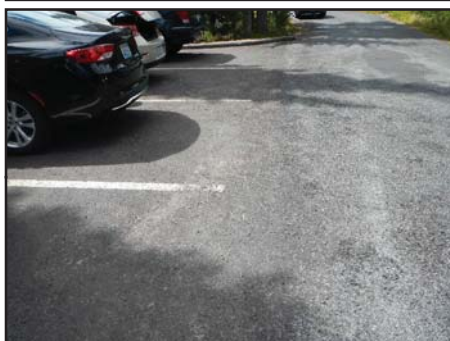
ADJACENT TO ROUTE 0202BZ (PARADISE PICNIC AREA LOOP) ON RIGHT

Inspection Date	FMSS Number	User Access	Surface Type
8/8/2015	108256	PUBLIC	ASPHALT
Area (Sq. Ft.)	Lane Miles (11' Widths)	Curb Reveal (Inches)	Curb Recommendation
915	0.016	5	DO NOTHING
Curb Type		Curb & Gutter Type	
ASPHALT		NO CURB AND GUTTER	
Pavement Recommendation		Condition Rating / PCR	
PREVENTIVE MAINTENANCE		GOOD / 90	

Route Condition Legend – Pavement Condition Rating (PCR)

Poor (0 - 60)	Fair (61- 84)	Good (85 - 94)	Excellent (95 - 100)	Not Rated
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See Appendix for definitions and formulas



Mount Rainier National Park

ROUTE 0943GZ: PARADISE PICNIC AREA PARKING G

Subcomponent of Route MORA-0943ZZ
Manual Rating

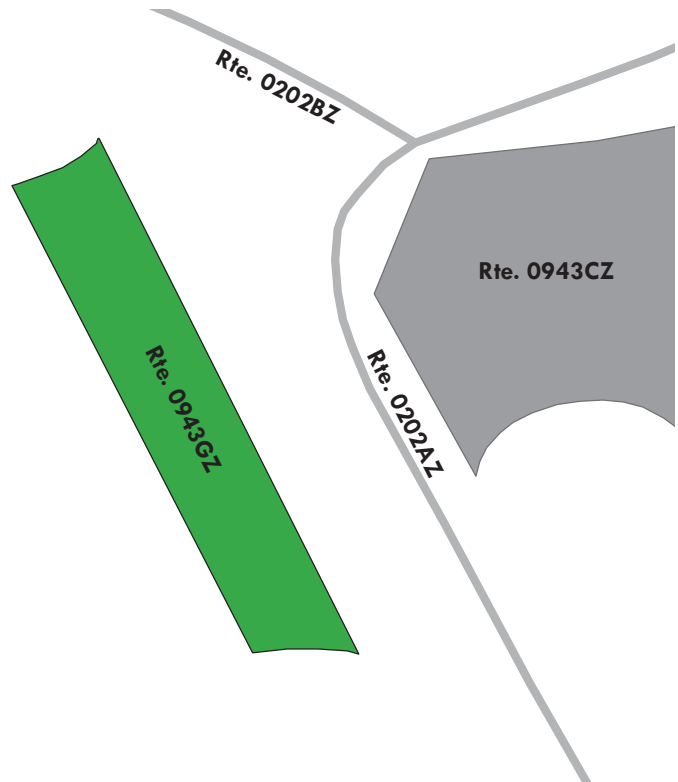
ADJACENT TO ROUTE 0202AZ (PARADISE PICNIC AREA ROAD)

Inspection Date	FMSS Number	User Access	Surface Type
8/8/2015	108256	PUBLIC	ASPHALT
Area (Sq. Ft.)	Lane Miles (11' Widths)	Curb Reveal (Inches)	Curb Recommendation
1,424	0.025	5	LIGHT REPAIR
Curb Type		Curb & Gutter Type	
ASPHALT		NO CURB AND GUTTER	
Pavement Recommendation		Condition Rating / PCR	
PREVENTIVE MAINTENANCE		GOOD / 90	

Route Condition Legend – Pavement Condition Rating (PCR)

Poor (0 - 60)	Fair (61- 84)	Good (85 - 94)	Excellent (95 - 100)	Not Rated
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See Appendix for definitions and formulas



Mount Rainier National Park

ROUTE 0943HZ: PARADISE PICNIC AREA PARKING H

Subcomponent of Route MORA-0943ZZ
Manual Rating

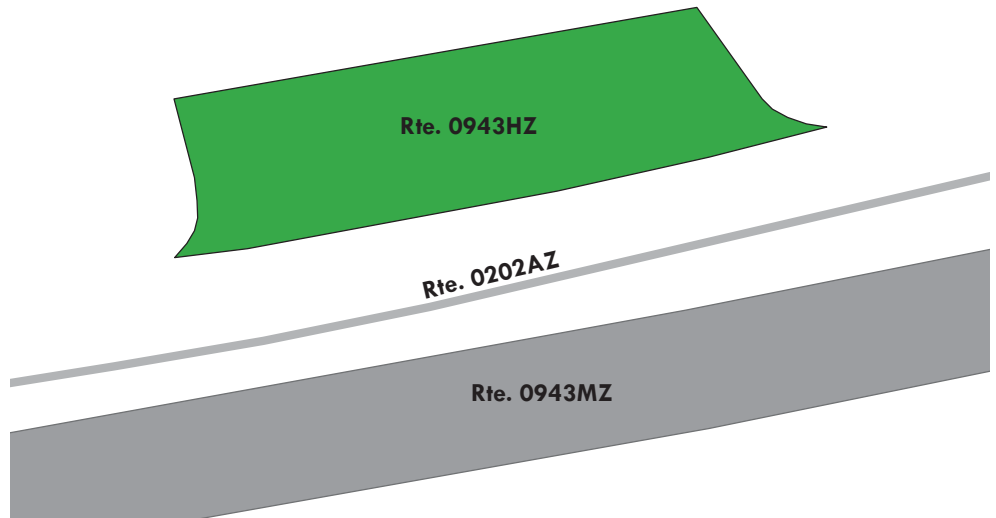
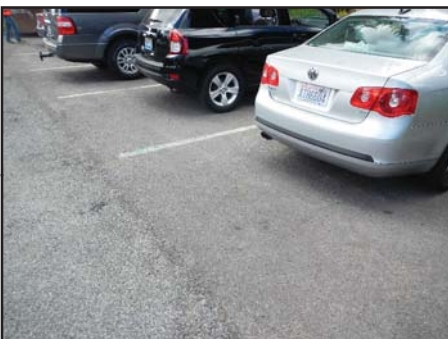
ADJACENT TO ROUTE 0202AZ (PARADISE PICNIC AREA ROAD)

Inspection Date	FMSS Number	User Access	Surface Type
8/8/2015	108256	PUBLIC	ASPHALT
Area (Sq. Ft.)	Lane Miles (11' Widths)	Curb Reveal (Inches)	Curb Recommendation
1,321	0.023	5	DO NOTHING
Curb Type		Curb & Gutter Type	
ASPHALT		NO CURB AND GUTTER	
Pavement Recommendation		Condition Rating / PCR	
PREVENTIVE MAINTENANCE		GOOD / 90	

Route Condition Legend – Pavement Condition Rating (PCR)

Poor (0 - 60)	Fair (61- 84)	Good (85 - 94)	Excellent (95 - 100)	Not Rated
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See Appendix for definitions and formulas



Mount Rainier National Park

ROUTE 0943IZ: PARADISE PICNIC AREA PARKING I

Subcomponent of Route MORA-0943ZZ
Manual Rating

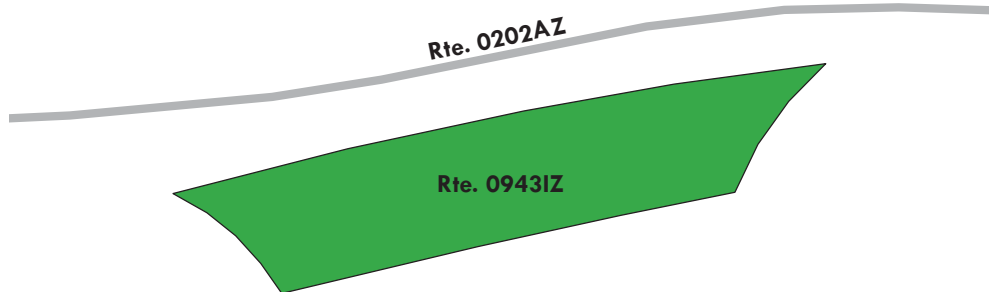
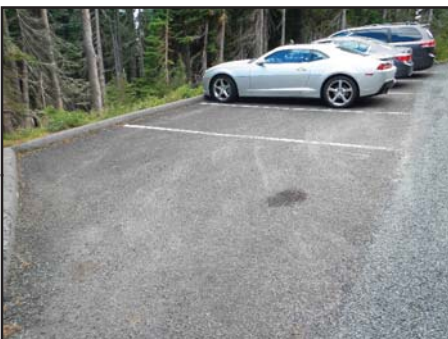
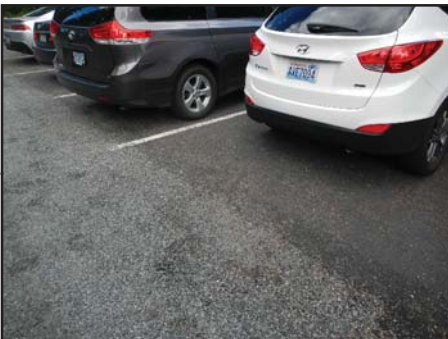
ADJACENT TO ROUTE 0202AZ (PARADISE PICNIC AREA ROAD)

Inspection Date	FMSS Number	User Access	Surface Type
8/8/2015	108256	PUBLIC	ASPHALT
Area (Sq. Ft.)	Lane Miles (11' Widths)	Curb Reveal (Inches)	Curb Recommendation
1,044	0.018	5	LIGHT REPAIR
Curb Type		Curb & Gutter Type	
ASPHALT		NO CURB AND GUTTER	
Pavement Recommendation		Condition Rating / PCR	
PREVENTIVE MAINTENANCE		GOOD / 90	

Route Condition Legend – Pavement Condition Rating (PCR)

Poor (0 - 60)	Fair (61- 84)	Good (85 - 94)	Excellent (95 - 100)	Not Rated
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See Appendix for definitions and formulas



Mount Rainier National Park

ROUTE 0943JZ: PARADISE PICNIC AREA PARKING J

Subcomponent of Route MORA-0943ZZ
Manual Rating

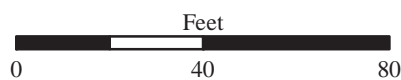
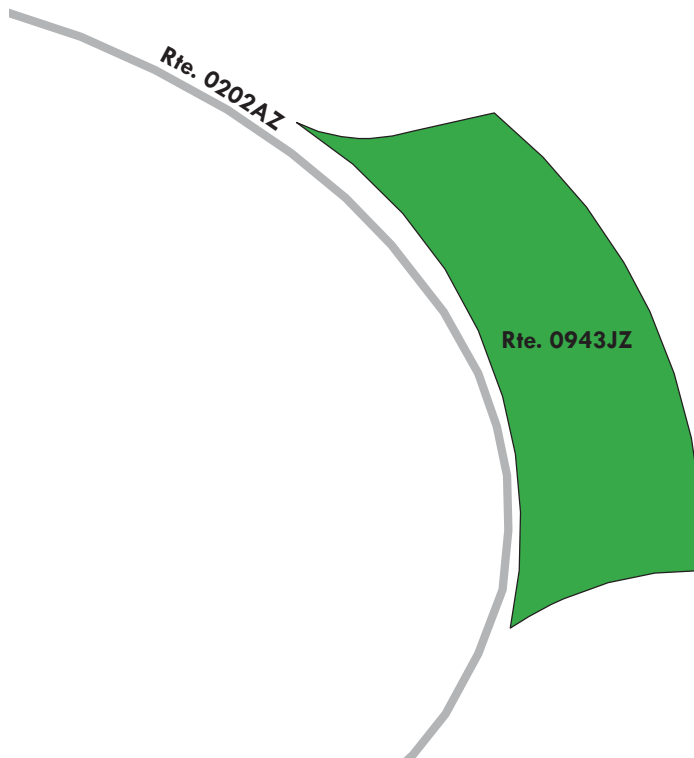
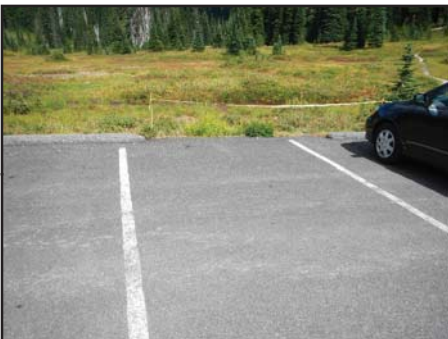
ADJACENT TO ROUTE 0202AZ (PARADISE PICNIC AREA ROAD)

Inspection Date	FMSS Number	User Access	Surface Type
8/8/2015	108256	PUBLIC	ASPHALT
Area (Sq. Ft.)	Lane Miles (11' Widths)	Curb Reveal (Inches)	Curb Recommendation
2,675	0.046	4	DO NOTHING
Curb Type		Curb & Gutter Type	
ASPHALT		NO CURB AND GUTTER	
Pavement Recommendation		Condition Rating / PCR	
PREVENTIVE MAINTENANCE		GOOD / 90	

Route Condition Legend – Pavement Condition Rating (PCR)

Poor (0 - 60)	Fair (61- 84)	Good (85 - 94)	Excellent (95 - 100)	Not Rated
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See Appendix for definitions and formulas



Mount Rainier National Park

ROUTE 0943KZ: PARADISE PICNIC AREA PARKING K

Subcomponent of Route MORA-0943ZZ
Manual Rating

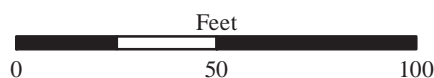
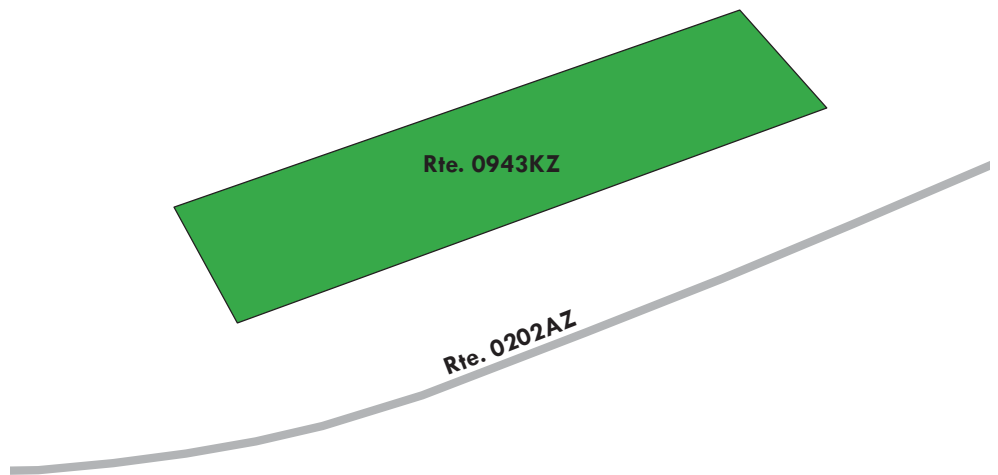
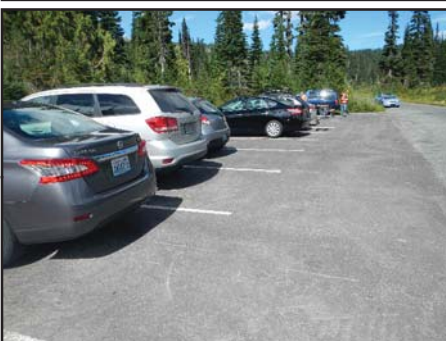
ADJACENT TO ROUTE 0202AZ (PARADISE PICNIC AREA ROAD)

Inspection Date	FMSS Number	User Access	Surface Type
8/8/2015	108256	PUBLIC	ASPHALT
Area (Sq. Ft.)	Lane Miles (11' Widths)	Curb Reveal (Inches)	Curb Recommendation
3,318	0.057	5	DO NOTHING
Curb Type		Curb & Gutter Type	
ASPHALT		NO CURB AND GUTTER	
Pavement Recommendation		Condition Rating / PCR	
PREVENTIVE MAINTENANCE		GOOD / 90	

Route Condition Legend – Pavement Condition Rating (PCR)

Poor (0 - 60)	Fair (61- 84)	Good (85 - 94)	Excellent (95 - 100)	Not Rated
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See Appendix for definitions and formulas



Mount Rainier National Park

ROUTE 0943LZ: PARADISE PICNIC AREA PARKING L

Subcomponent of Route MORA-0943ZZ
Manual Rating

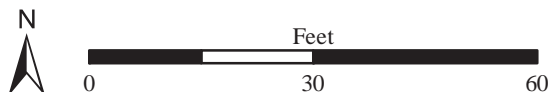
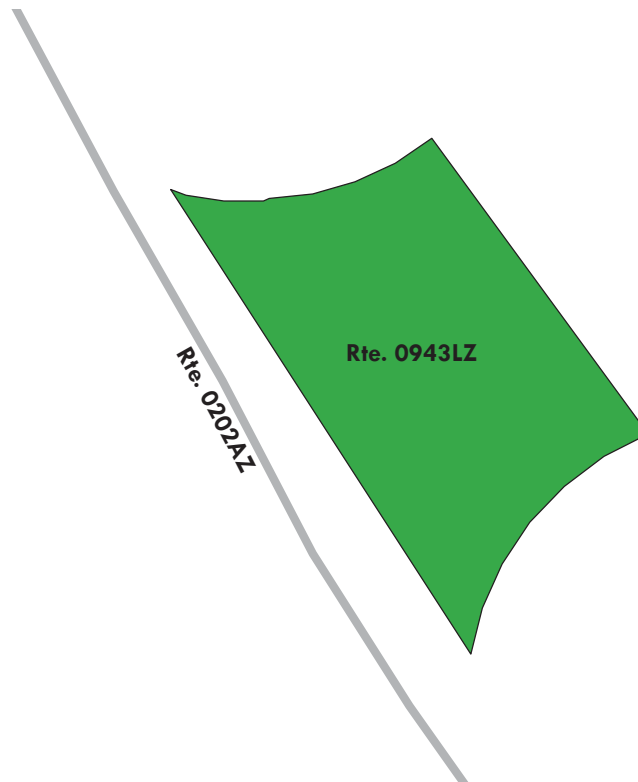
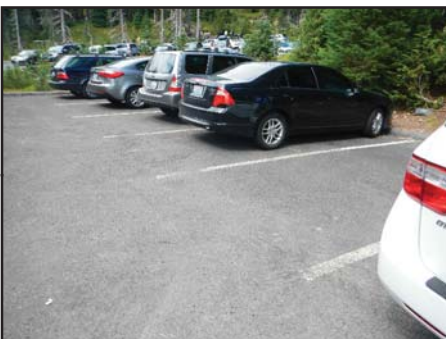
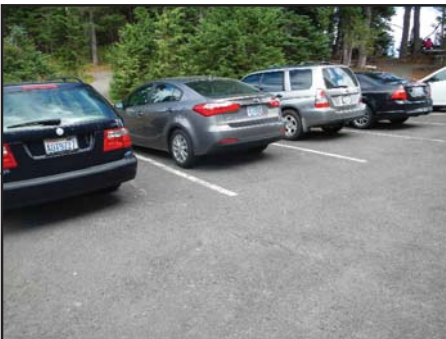
ADJACENT TO ROUTE 0202AZ (PARADISE PICNIC AREA ROAD)

Inspection Date	FMSS Number	User Access	Surface Type
8/8/2015	108256	PUBLIC	ASPHALT
Area (Sq. Ft.)	Lane Miles (11' Widths)	Curb Reveal (Inches)	Curb Recommendation
1,307	0.023	4	LIGHT REPAIR
Curb Type		Curb & Gutter Type	
ASPHALT		NO CURB AND GUTTER	
Pavement Recommendation		Condition Rating / PCR	
PREVENTIVE MAINTENANCE		GOOD / 90	

Route Condition Legend – Pavement Condition Rating (PCR)

Poor (0 - 60)	Fair (61- 84)	Good (85 - 94)	Excellent (95 - 100)	Not Rated
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See Appendix for definitions and formulas



Mount Rainier National Park

ROUTE 0943MZ: PARADISE PICNIC AREA PARKING M

Subcomponent of Route MORA-0943ZZ
Manual Rating

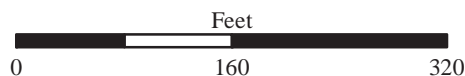
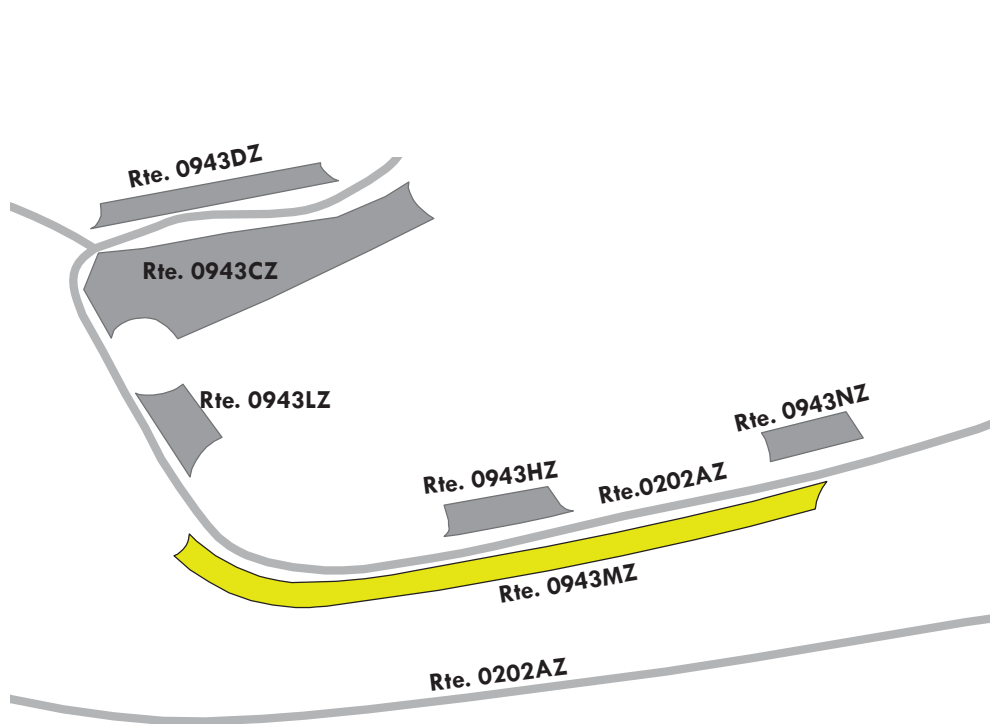
ADJACENT TO ROUTE 0202AZ (PARADISE PICNIC AREA ROAD)

Inspection Date	FMSS Number	User Access	Surface Type
8/8/2015	108256	PUBLIC	ASPHALT
Area (Sq. Ft.)	Lane Miles (11' Widths)	Curb Reveal (Inches)	Curb Recommendation
5,974	0.103	5	DO NOTHING
Curb Type		Curb & Gutter Type	
ASPHALT		NO CURB AND GUTTER	
Pavement Recommendation		Condition Rating / PCR	
LIGHT 3R TREATMENTS		FAIR / 73	

Route Condition Legend – Pavement Condition Rating (PCR)

Poor (0 - 60)	Fair (61- 84)	Good (85 - 94)	Excellent (95 - 100)	Not Rated
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See Appendix for definitions and formulas



Mount Rainier National Park

ROUTE 0943NZ: PARADISE PICNIC AREA PARKING N

Subcomponent of Route MORA-0943ZZ
Manual Rating

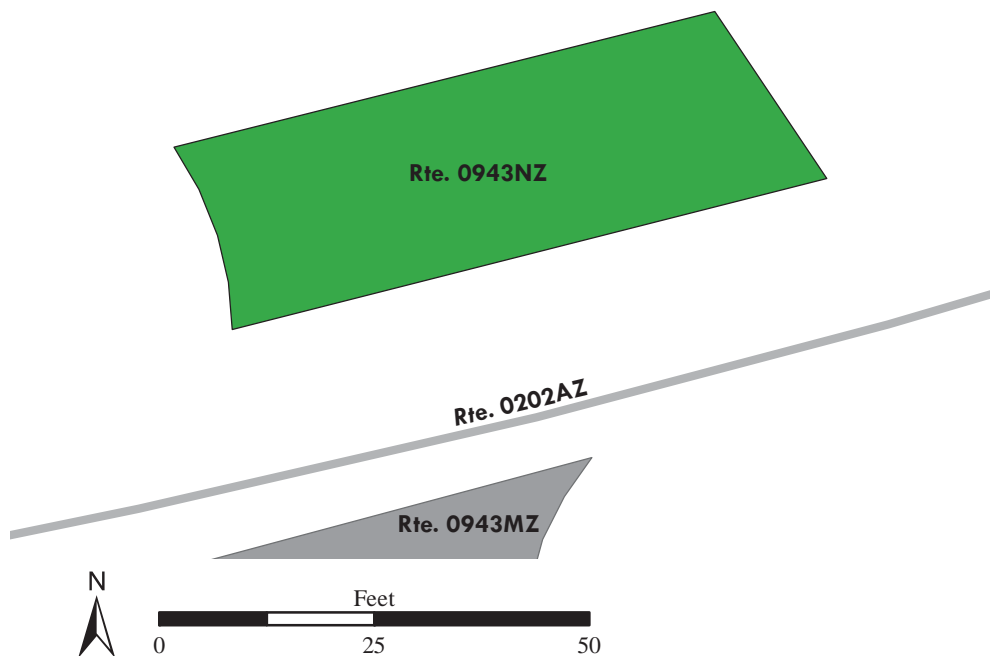
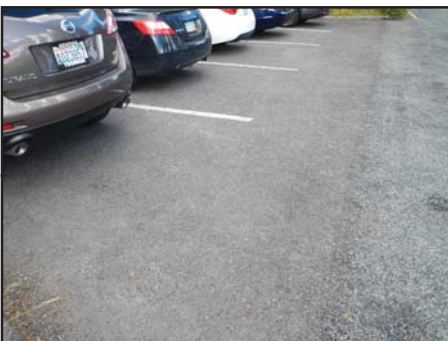
ADJACENT TO ROUTE 0202AZ (PARADISE PICNIC AREA ROAD)

Inspection Date	FMSS Number	User Access	Surface Type
8/8/2015	108256	PUBLIC	ASPHALT
Area (Sq. Ft.)	Lane Miles (11' Widths)	Curb Reveal (Inches)	Curb Recommendation
1,019	0.018	5	DO NOTHING
Curb Type		Curb & Gutter Type	
ASPHALT		NO CURB AND GUTTER	
Pavement Recommendation		Condition Rating / PCR	
PREVENTIVE MAINTENANCE		GOOD / 90	

Route Condition Legend – Pavement Condition Rating (PCR)

Poor (0 - 60)	Fair (61- 84)	Good (85 - 94)	Excellent (95 - 100)	Not Rated
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See Appendix for definitions and formulas



Mount Rainier National Park

ROUTE 0944ZZ: LONGMIRE COMMUNITY BUILDING PARKING COMPLEX

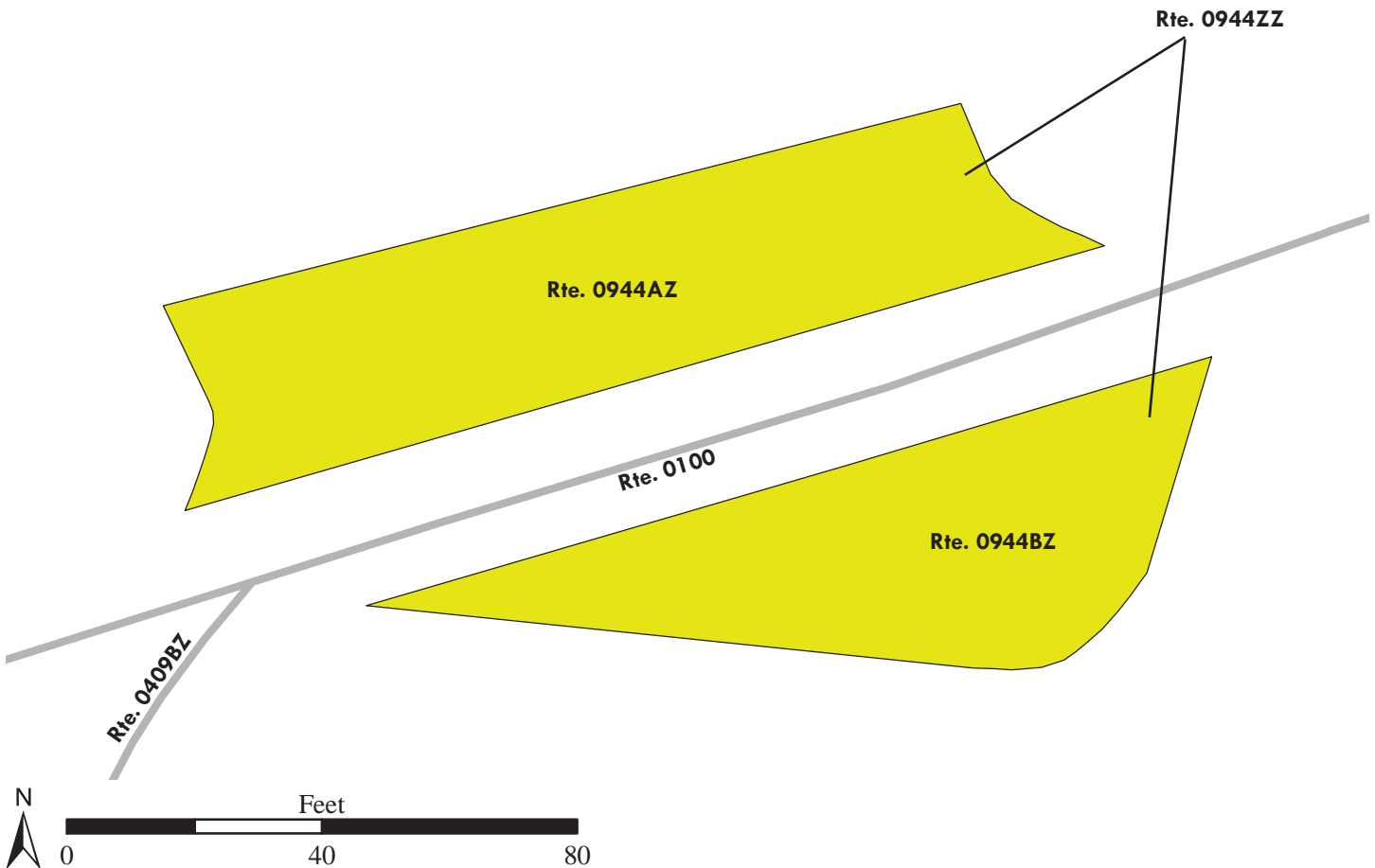
Summary Route

Manual Rating

ADJACENT TO ROUTE 0100 (LONGMIRE SOUTH BACK GATE ROAD) ON LEFT AND RIGHT

Inspection Date	FMSS Number	User Access	Surface Type
8/9/2015	108261	PUBLIC	ASPHALT
Area (Sq. Ft.)	Lane Miles (11' Widths)	Condition Rating / PCR	
4,766	0.082	SUMMARY / 73	
Route Condition Legend – Pavement Condition Rating (PCR)			
Poor (0 - 60)	Fair (61- 84)	Good (85 - 94)	Excellent (95 - 100)
See Appendix for definitions and formulas			

The condition shown on this page reflects the overall route condition and may not reflect individual subcomponent ratings.



Mount Rainier National Park

ROUTE 0944AZ: LONGMIRE COMMUNITY BUILDING PARKING A

Subcomponent of Route MORA-0944ZZ

Manual Rating

ADJACENT TO ROUTE 0100 (LONGMIRE SOUTH BACK GATE ROAD) AT MP 0.56

Inspection Date	FMSS Number	User Access	Surface Type
8/9/2015	108261	PUBLIC	ASPHALT
Area (Sq. Ft.)	Lane Miles (11' Widths)	Curb Reveal (Inches)	Curb Recommendation
2,712	0.047	NOT APPLICABLE	NOT APPLICABLE
Curb Type		Curb & Gutter Type	
NO CURB		NO CURB AND GUTTER	
Pavement Recommendation		Condition Rating / PCR	
LIGHT 3R TREATMENTS		FAIR / 73	

Route Condition Legend – Pavement Condition Rating (PCR)

Poor (0 - 60)

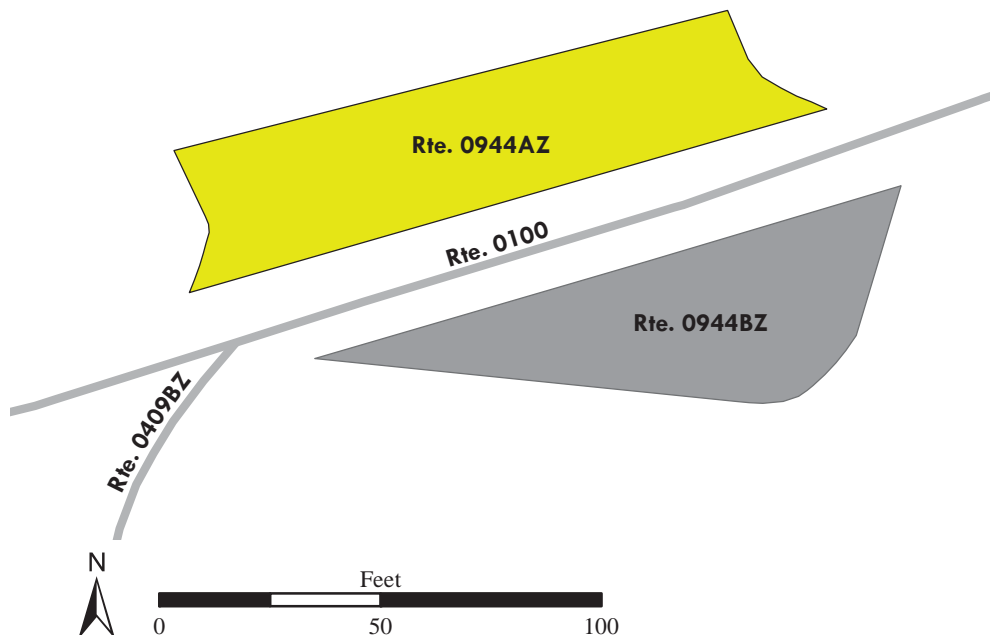
Fair (61- 84)

Good (85 - 94)

Excellent (95 - 100)

Not Rated

See Appendix for definitions and formulas



Mount Rainier National Park

ROUTE 0944BZ: LONGMIRE COMMUNITY BUILDING PARKING B

Subcomponent of Route MORA-0944ZZ

Manual Rating

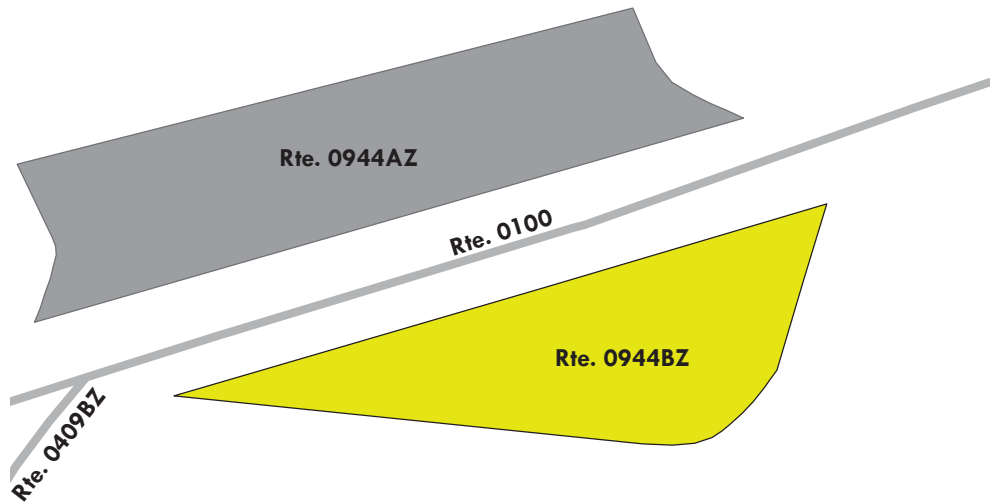
ADJACENT TO ROUTE 0100 (LONGMIRE SOUTH BACK GATE ROAD) AT MP 0.55

Inspection Date	FMSS Number	User Access	Surface Type
8/9/2015	108261	PUBLIC	ASPHALT
Area (Sq. Ft.)	Lane Miles (11' Widths)	Curb Reveal (Inches)	Curb Recommendation
2,054	0.035	NOT APPLICABLE	NOT APPLICABLE
Curb Type		Curb & Gutter Type	
NO CURB		NO CURB AND GUTTER	
Pavement Recommendation		Condition Rating / PCR	
LIGHT 3R TREATMENTS		FAIR / 73	

Route Condition Legend – Pavement Condition Rating (PCR)

Poor (0 - 60)
Fair (61- 84)
Good (85 - 94)
Excellent (95 - 100)
Not Rated

See Appendix for definitions and formulas



Mount Rainier National Park

ROUTE 0945: TWIN FIRS TRAILHEAD PARKING

Manual Rating

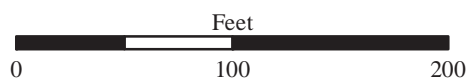
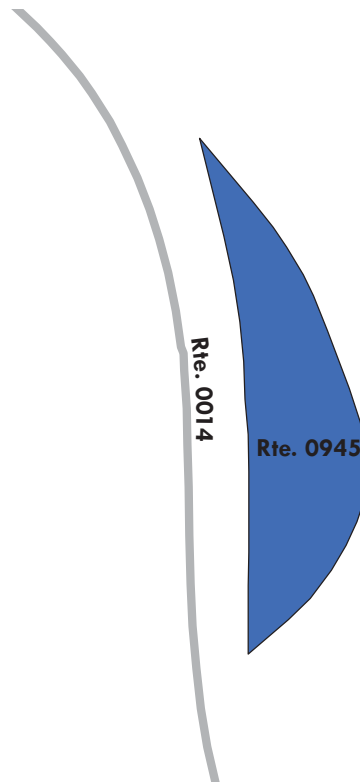
ADJACENT TO ROUTE 0014 (STATE ROUTE 706 (NISQUALLY ROAD))

Inspection Date	FMSS Number	User Access	Surface Type
8/8/2015	247129	PUBLIC	ASPHALT
Area (Sq. Ft.)	Lane Miles (11' Widths)	Curb Reveal (Inches)	Curb Recommendation
5,736	0.099	NOT APPLICABLE	NOT APPLICABLE
Curb Type		Curb & Gutter Type	
NO CURB		NO CURB AND GUTTER	
Pavement Recommendation		Condition Rating / PCR	
DO NOTHING		EXCELLENT / 97	

Route Condition Legend – Pavement Condition Rating (PCR)

Poor (0 - 60)	Fair (61- 84)	Good (85 - 94)	Excellent (95 - 100)	Not Rated
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See Appendix for definitions and formulas



Mount Rainier National Park

ROUTE 0946ZZ: WHITE RIVER DAY USE PARKING AREAS

Summary Route
Manual Rating

FROM ROUTE 0200A (WHITE RIVER CAMPGROUND ENTRANCE ROAD)

TO ROUTE 0200A (WHITE RIVER CAMPGROUND ENTRANCE ROAD)

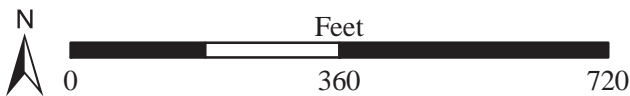
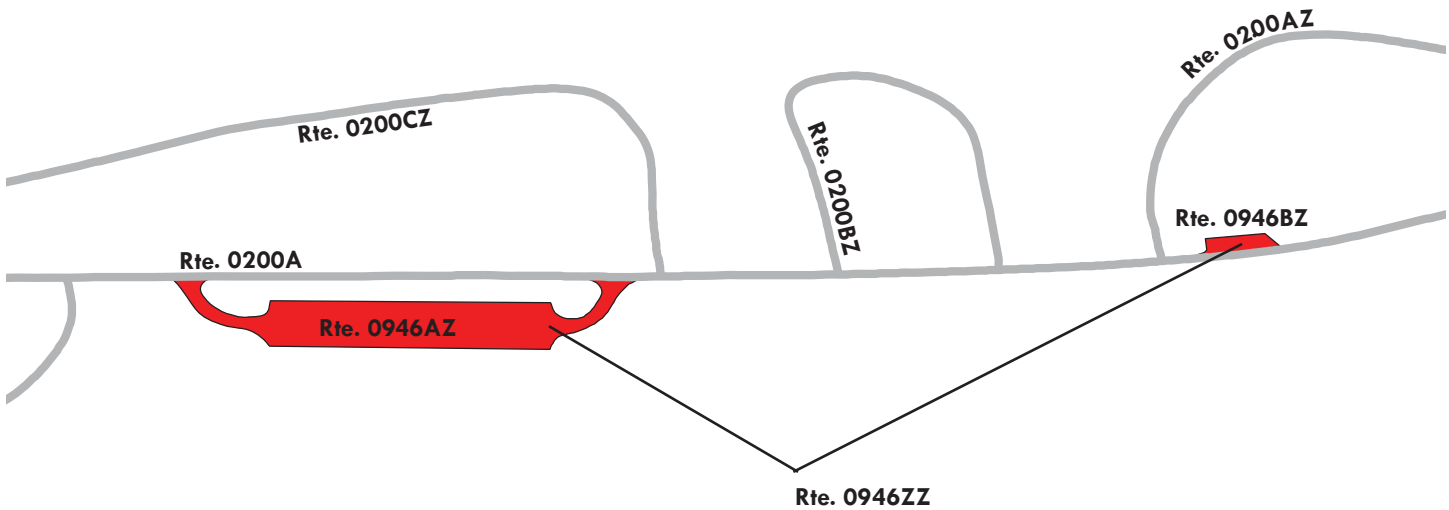
Inspection Date	FMSS Number	User Access	Surface Type
8/8/2015	240196	PUBLIC	ASPHALT
Area (Sq. Ft.)	Lane Miles (11' Widths)	Condition Rating / PCR	
21,157	0.364	SUMMARY / 54	

Route Condition Legend – Pavement Condition Rating (PCR)

Poor (0 - 60)	Fair (61- 84)	Good (85 - 94)	Excellent (95 - 100)	Not Rated
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See Appendix for definitions and formulas

The condition shown on this page reflects the overall route condition and may not reflect individual subcomponent ratings.



Mount Rainier National Park

ROUTE 0946AZ: WHITE RIVER DAY USE PARKING

Subcomponent of Route MORA-0946ZZ
Manual Rating

FROM ROUTE 0200A (WHITE RIVER CAMPGROUND ENTRANCE ROAD)

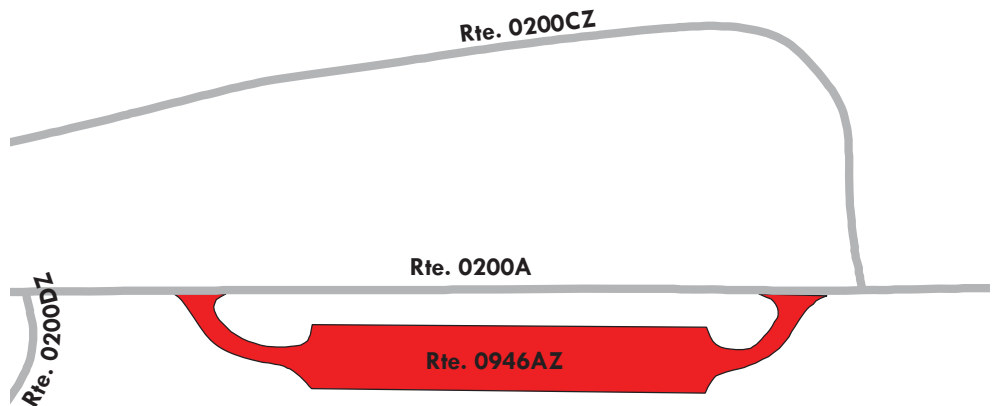
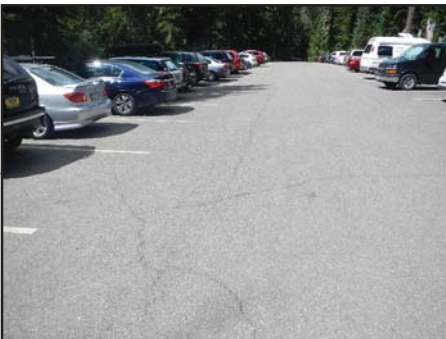
TO ROUTE 0200A (WHITE RIVER CAMPGROUND ENTRANCE ROAD)

Inspection Date	FMSS Number	User Access	Surface Type
8/8/2015	240196	PUBLIC	ASPHALT
Area (Sq. Ft.)	Lane Miles (11' Widths)	Curb Reveal (Inches)	Curb Recommendation
19,885	0.342	NOT APPLICABLE	NOT APPLICABLE
Curb Type		Curb & Gutter Type	
NO CURB		NO CURB AND GUTTER	
Pavement Recommendation		Condition Rating / PCR	
HEAVY 3R TREATMENTS		POOR / 53	

Route Condition Legend – Pavement Condition Rating (PCR)

Poor (0 - 60)
Fair (61- 84)
Good (85 - 94)
Excellent (95 - 100)
Not Rated

See Appendix for definitions and formulas



Mount Rainier National Park

ROUTE 0946BZ: WHITE RIVER CAMPGROUND REGISTRATION PARKING

Subcomponent of Route MORA-0946ZZ

Manual Rating

ADJACENT TO ROUTE 0200A (WHITE RIVER CAMPGROUND ENTRANCE ROAD)

Inspection Date	FMSS Number	User Access	Surface Type
8/8/2015	240196	PUBLIC	ASPHALT
Area (Sq. Ft.)	Lane Miles (11' Widths)	Curb Reveal (Inches)	Curb Recommendation
1,272	0.022	4	DO NOTHING
Curb Type		Curb & Gutter Type	
WOOD		NO CURB AND GUTTER	
Pavement Recommendation		Condition Rating / PCR	
LIGHT 3R TREATMENTS		FAIR / 73	

Route Condition Legend – Pavement Condition Rating (PCR)

Poor (0 - 60)

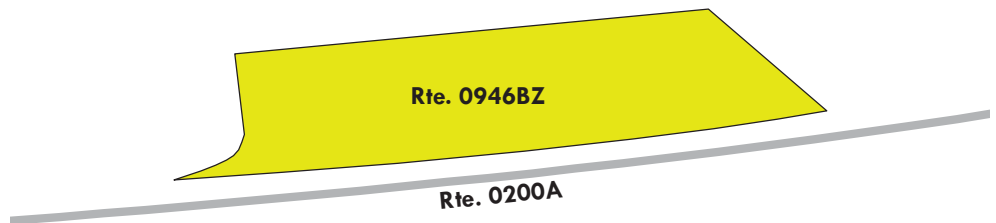
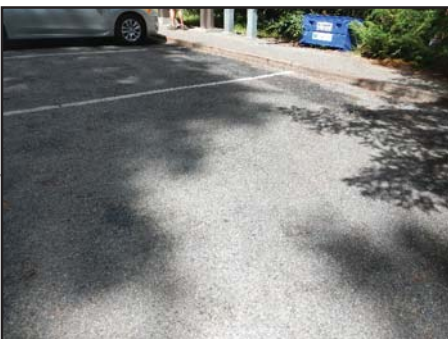
Fair (61- 84)

Good (85 - 94)

Excellent (95 - 100)

Not Rated

See Appendix for definitions and formulas



Mount Rainier National Park

ROUTE 0947: THOMPSON'S HOUSE PARKING AREA

Manual Rating

FROM ROUTE 5002 (BURNETT-FAIRFAX HIGHWAY)

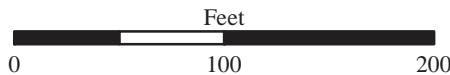
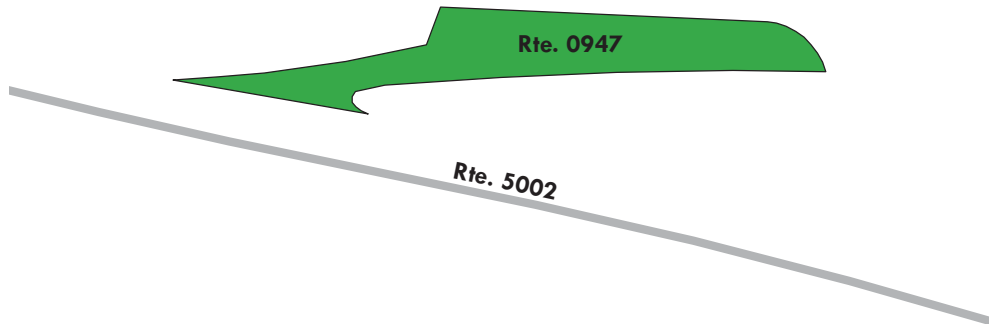
TO PARKING

Inspection Date	FMSS Number	User Access	Surface Type
8/9/2015	237216	PUBLIC	ASPHALT
Area (Sq. Ft.)	Lane Miles (11' Widths)	Curb Reveal (Inches)	Curb Recommendation
4,525	0.078	NOT APPLICABLE	NOT APPLICABLE
Curb Type		Curb & Gutter Type	
NO CURB		NO CURB AND GUTTER	
Pavement Recommendation		Condition Rating / PCR	
PREVENTIVE MAINTENANCE		GOOD / 90	

Route Condition Legend – Pavement Condition Rating (PCR)

Poor (0 - 60)	Fair (61- 84)	Good (85 - 94)	Excellent (95 - 100)	Not Rated
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See Appendix for definitions and formulas



Mount Rainier National Park

ROUTE 0948: EMPLOYEE PARKING AT STEVEN CANYON STATION

Manual Rating

ADJACENT TO ROUTE 0013 (STEVENS CANYON ROAD)

Inspection Date	FMSS Number	User Access	Surface Type
8/8/2015	247121	PUBLIC	ASPHALT
Area (Sq. Ft.)	Lane Miles (11' Widths)	Curb Reveal (Inches)	Curb Recommendation
620	0.011	4	DO NOTHING
Curb Type		Curb & Gutter Type	
STONE		NO CURB AND GUTTER	
Pavement Recommendation		Condition Rating / PCR	
DO NOTHING		EXCELLENT / 97	

Route Condition Legend – Pavement Condition Rating (PCR)

Poor (0 - 60)

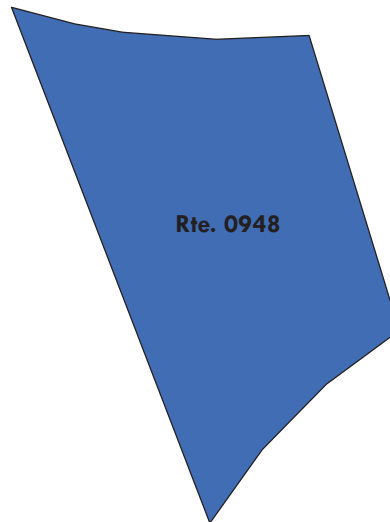
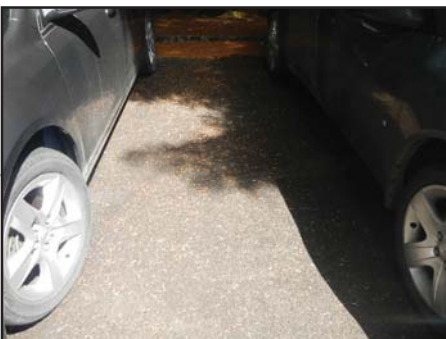
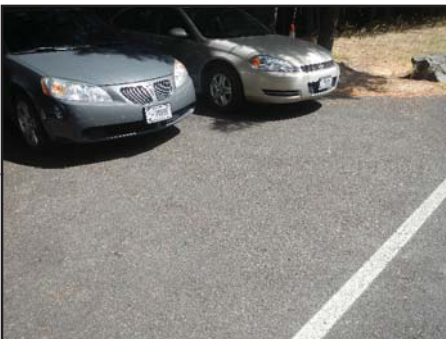
Fair (61- 84)

Good (85 - 94)

Excellent (95 - 100)

Not Rated

See Appendix for definitions and formulas



Mount Rainier National Park

ROUTE 0949: NISQUALLY HOUSING PARKING

Manual Rating

FROM ROUTE 0014 (STATE ROUTE 706 (NISQUALLY ROAD))

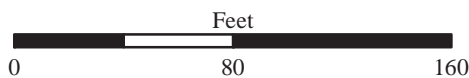
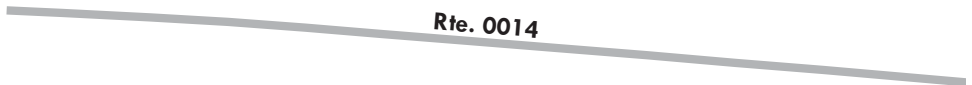
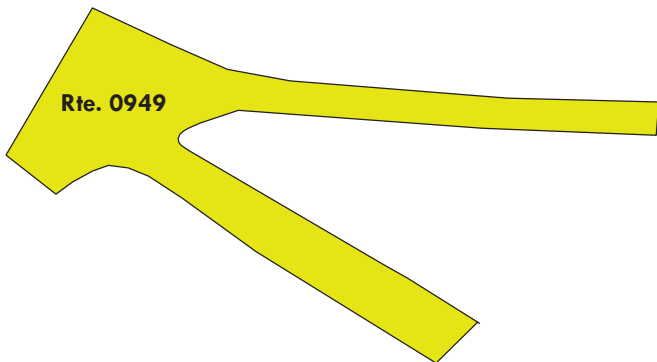
TO ROUTE 0014 (STATE ROUTE 706 (NISQUALLY ROAD))

Inspection Date	FMSS Number	User Access	Surface Type
8/7/2015	247125	PUBLIC	ASPHALT
Area (Sq. Ft.)	Lane Miles (11' Widths)	Curb Reveal (Inches)	Curb Recommendation
5,125	0.088	NOT APPLICABLE	NOT APPLICABLE
Curb Type		Curb & Gutter Type	
NO CURB		NO CURB AND GUTTER	
Pavement Recommendation		Condition Rating / PCR	
LIGHT 3R TREATMENTS		FAIR / 73	

Route Condition Legend – Pavement Condition Rating (PCR)

Poor (0 - 60)	Fair (61- 84)	Good (85 - 94)	Excellent (95 - 100)	Not Rated
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See Appendix for definitions and formulas



Mount Rainier National Park

ROUTE 0950ZZ: CARBON RIVER ENTRANCE PARKING AREAS

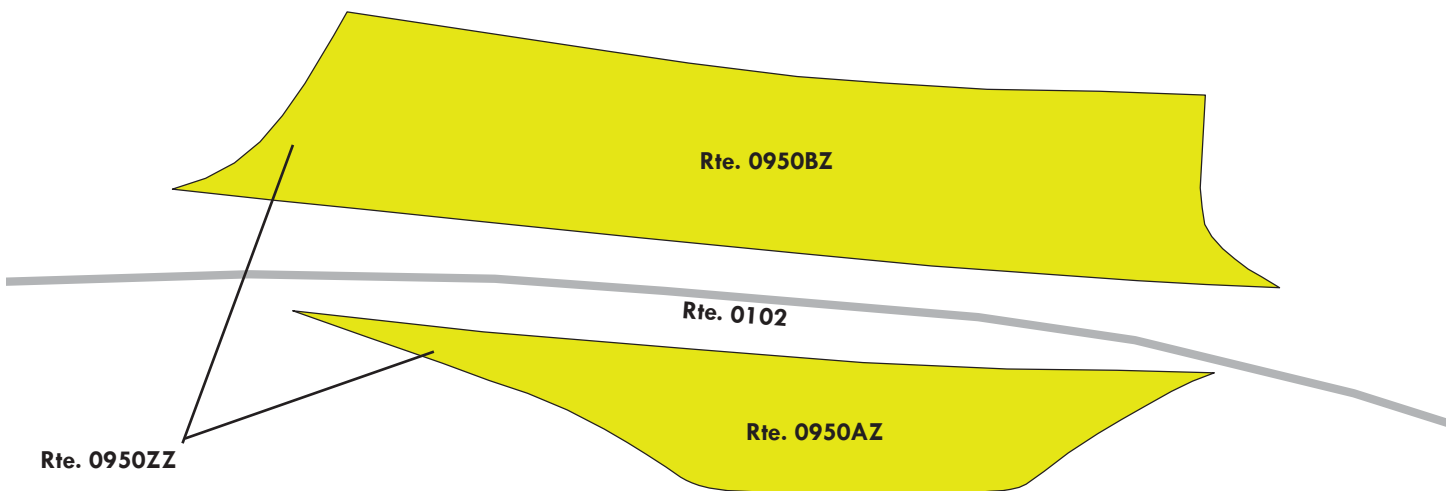
Summary Route
Manual Rating

ADJACENT TO ROUTE 0102 (CARBON RIVER ENTRANCE ROAD) ON RIGHT AND LEFT

Inspection Date	FMSS Number	User Access	Surface Type
8/9/2015	247117	PUBLIC	ASPHALT
Area (Sq. Ft.)	Lane Miles (11' Widths)	Condition Rating / PCR	
2,461	0.042	SUMMARY / 78	

Route Condition Legend – Pavement Condition Rating (PCR)				
Poor (0 - 60)	Fair (61- 84)	Good (85 - 94)	Excellent (95 - 100)	Not Rated
See Appendix for definitions and formulas				

The condition shown on this page reflects the overall route condition and may not reflect individual subcomponent ratings.



Mount Rainier National Park

ROUTE 0950AZ: CARBON RIVER ENTRANCE PARKING A

Subcomponent of Route MORA-0950ZZ
Manual Rating

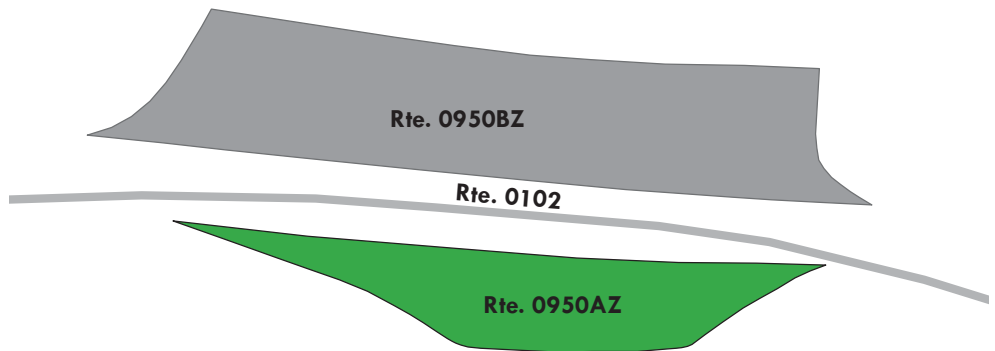
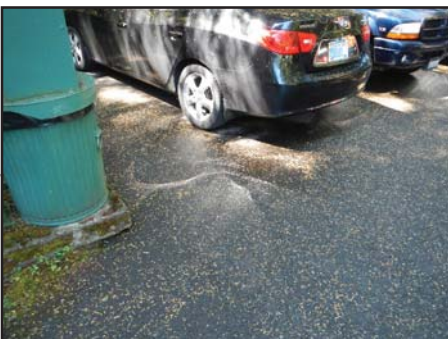
ADJACENT TO ROUTE 0102 (CARBON RIVER ENTRANCE ROAD) ON RIGHT

Inspection Date	FMSS Number	User Access	Surface Type
8/9/2015	247117	PUBLIC	ASPHALT
Area (Sq. Ft.)	Lane Miles (11' Widths)	Curb Reveal (Inches)	Curb Recommendation
751	0.013	NOT APPLICABLE	NOT APPLICABLE
Curb Type		Curb & Gutter Type	
NO CURB		NO CURB AND GUTTER	
Pavement Recommendation		Condition Rating / PCR	
PREVENTIVE MAINTENANCE		GOOD / 90	

Route Condition Legend – Pavement Condition Rating (PCR)

Poor (0 - 60)	Fair (61- 84)	Good (85 - 94)	Excellent (95 - 100)	Not Rated
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See Appendix for definitions and formulas



Mount Rainier National Park

ROUTE 0950BZ: CARBON RIVER ENTRANCE PARKING B

Subcomponent of Route MORA-0950ZZ
Manual Rating

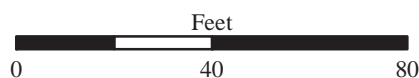
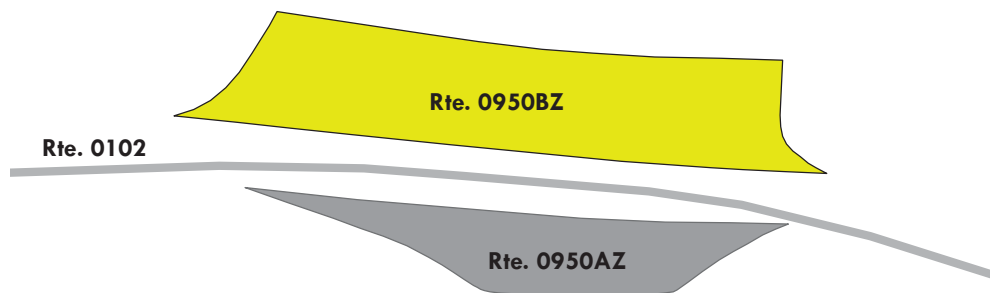
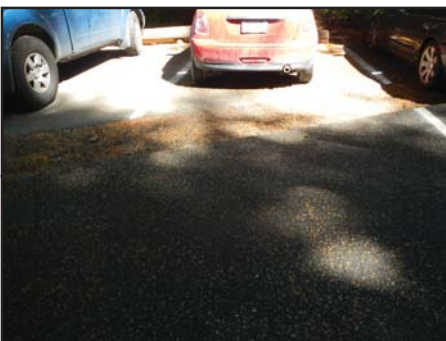
ADJACENT TO ROUTE 0102 (CARBON RIVER ENTRANCE ROAD) ON LEFT

Inspection Date	FMSS Number	User Access	Surface Type
8/9/2015	247117	PUBLIC	ASPHALT
Area (Sq. Ft.)	Lane Miles (11' Widths)	Curb Reveal (Inches)	Curb Recommendation
1,710	0.029	NOT APPLICABLE	NOT APPLICABLE
Curb Type		Curb & Gutter Type	
NO CURB		NO CURB AND GUTTER	
Pavement Recommendation		Condition Rating / PCR	
LIGHT 3R TREATMENTS		FAIR / 73	

Route Condition Legend – Pavement Condition Rating (PCR)

Poor (0 - 60)	Fair (61- 84)	Good (85 - 94)	Excellent (95 - 100)	Not Rated
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See Appendix for definitions and formulas



Section 7

Road Milepost Information



Mount Rainier National Park



Federal Lands Highway
Road Inventory Program

Road Milepost Information

This report section contains road milepost information for all paved roads in the park that were collected with the Data Collection Vehicle (DCV). The milepost data is obtained from the DCV by using a distance measuring instrument (DMI) that is calibrated to record mileage to the nearest thousandth of a mile. Park roads that were manually rated did not have milepost data collected, and thus are not included in this report section.

For Cycle 6, the information presented in this section differs from previous RIP cycles in that it does not contain the roadside features inventories for the paved park roads. Some examples of the features previously collected are signs, culverts/drop inlets, guardrails, curbing, pullouts, etc. If the park was collected in a previous RIP cycle, then the latest features data can be obtained by referencing the following:

Where to find the latest Features Inventories for NPS Parks:

- For Small Parks (parks with less than 10 miles of paved roads):
 - Refer to Cycle 5 data (collected 2010 - 2014)
 - Features were reported in Section 9 of the *Cycle 5* RIP report
 - Video of features can be viewed using the *PathViewVO* program and *Cycle 5* data
- For Large Parks (parks with more than 10 miles of paved roads):
 - Refer to Cycle 4 data (collected 2006 - 2009)
 - Features were reported in Section 9 of the *Cycle 4* RIP report
 - Video of features can be viewed using the *VisiData* program and *Cycle 4* data
 - Note: Features inventories were updated in Large Parks in *Cycle 5* only on a route by route basis if the route was new or modified in *Cycle 5*. If this is the case for a particular route, then features for the route can be obtained using the *PathViewVO* program and *Cycle 5* data (same as above for Small parks).

Milepost Events Verified in Cycle 6

In Cycle 6, the following events were collected and reported in Section 7 of this report:

- Intersections with roads and parking areas
- All bridges and culverts with BIP Numbers (bridge inspection program numbers)
- Mile Marker Signs
- One-Way travel directions
- Overpasses
- Tunnels
- Low Water Crossings (LWCR)
- Surface type changes
- Construction areas where no pavement condition data was obtained

GPS Mileage Matching

A consistent survey milepost and constant route length as recorded by the Data Collection Vehicle (DCV) is a challenge to maintain from one collection cycle to the next. The challenge is due to many factors such as driver characteristics, DMI calibration, tire pressure etc. After Cycle 4 (~2010), a decision was made to hold constant the length of roads so long as there was no physical change from reconstruction projects or realignments that would result in a change to the length of a road. Consequently, the “GPS Mileage Match” was implemented to specify which cycle the route length is being matched. Route mileages and GPS are matched to a previous collection whenever there is no physical change to a route alignment. The route mileage and GPS is not matched to previous cycles whenever it is determined that a road length and GPS needs to be updated. When this happens the GPS and length is updated to the cycle that displays the change, and that collection cycle is used as the matching cycle in subsequent collections of the road. Thus, the Cycle 6 GIS could be either the survey length collected in Cycle 4, Cycle 5, or Cycle 6 and therefore, may not match the survey milepost displayed in the latest Cycle 6 DCV video which is viewable in *PathView VO*.

The features inventories and road logs collected on NPS routes contain mileposts that are determined from the corresponding cycle that the GPS is matched to. Therefore, the mileposts contained in the Cycle 4 or 5 features inventories or the Cycle 6 road logs may not exactly match the survey milepost collected in the latest Cycle 6 video of the road.

Locating Mile Marker Signs

For routes that have mile marker signs along them, the milepost reported by RIP will most likely not line up exactly with the sign located in the field. This could be happening for many reasons, most likely due to either the error falling within the acceptable calibration range of the vehicle, or the level of accuracy that the mile marker signs were placed in the field.

Because mile marker signs are important features in many project plans and location descriptions, RIP is reporting locations of mile marker signs in three ways in Cycle 6:

1. Mileposts from Cycle 6 GIS: the official RIP milepost taken from the features inventories and the matching GPS/mileage cycle as described above. This is the milepost that should be used on project plans and when finding locations in the field
2. Mileposts from Cycle 6 Video: milepost shown to help locate the mile marker sign in the latest *PathView VO* video.
3. Latitude / Longitude: a constant way of locating a mile marker sign so long as the park has not moved the sign

The mileposts from Cycle 6 Video and GIS should be nearly the same, but on longer roads it has been observed that the Video milepost deviates more from the official GIS milepost that comes from the matching cycle.

MORA: Route Milepost Log

ROUTE 0010: STATE ROUTE 123 (EAST SIDE HIGHWAY)

Road logs are verified in Cycle 6 and mileposts for this route are matched to GPS collected in Cycle 6.

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.00	0.00	INTERSECTION	N/A	PAVED ROUTE (STATE ROUTE 123 (EAST SIDE HIGHWAY)/NON NPS))
0.00	0.00	PARK BOUNDARY	N/A	N/A
1.01	1.01	INTERSECTION	R	ROUTE 0406 (ROAD SERVICE (OHANA WASTE WATER TREATMENT))
1.14	1.14	INTERSECTION	L	ROUTE 0206 (OHANA CAMPGROUND ENTRANCE ROAD)
1.99	1.99	INTERSECTION	R	UNPAVED ROUTE
2.45	2.50	BRIDGE	N/A	9450-020 (LAUGHINGWATER CREEK BRIDGE)
2.92	2.92	INTERSECTION	L	ROUTE 0013 (STEVENS CANYON ROAD)
5.25	5.28	BRIDGE	N/A	9450-021 (PANTHER CREEK BRIDGE)
9.79	9.82	BRIDGE	N/A	9450-022 (DEER CREEK BRIDGE)
11.12	11.22	TUNNEL	N/A	9450-041 (SR 123 TUNNEL)
13.41	13.41	INTERSECTION	L	UNPAVED ROUTE
13.84	13.84	INTERSECTION	L	SPUR TO ROUTE 0012 (STATE ROUTE 410 (MATHER MEMORIAL PARKWAY))
13.85	13.85	INTERSECTION	R	SPUR TO ROUTE 0012 (STATE ROUTE 410 (MATHER MEMORIAL PARKWAY))
13.86	13.86	INTERSECTION	R	ROUTE 0012 (STATE ROUTE 410 (MATHER MEMORIAL PARKWAY))
13.86	13.86	INTERSECTION	L	ROUTE 0012 (STATE ROUTE 410 (MATHER MEMORIAL PARKWAY))

MORA: Route Milepost Log

ROUTE 0011: SUNRISE ROAD

Road logs are verified in Cycle 6 and mileposts for this route are matched to GPS collected in Cycle 5.

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.00	0.00	INTERSECTION	R	ROUTE 0012 (STATE ROUTE 410 (MATHER MEMORIAL PARKWAY))
0.00	0.00	INTERSECTION	L	ROUTE 0012 (STATE ROUTE 410 (MATHER MEMORIAL PARKWAY))
0.01	0.01	INTERSECTION	R	SPUR TO ROUTE 0012 (STATE ROUTE 410 (MATHER MEMORIAL PARKWAY))
0.64	0.65	BRIDGE	N/A	9450-036 (DEADWOOD CREEK BRIDGE)
0.97	0.99	BRIDGE	N/A	9450-035 (KLICKITAT CREEK BRIDGE)
1.32	1.32	INTERSECTION	R	ROUTE 0929 (WHITE RIVER RANGER SERVICE AREA PARKING)
1.37	1.37	INTERSECTION	R	ROUTE 0930 (WHITE RIVER INFORMATION CENTER PARKING)
2.68	2.70	BRIDGE	N/A	9450-025 (SHAW CREEK BRIDGE)
3.57	3.57	INTERSECTION	R	ROUTE 0931 (OWYHIGH LAKE TRAIL PARKING)
4.19	4.24	BRIDGE	N/A	9450-027 (FRYINGPAN CREEK BRIDGE)
4.28	4.28	INTERSECTION	R	ROUTE 0932 (FRYING PAN CREEK / SUMMERLAND TRAILHEAD PARKING)
5.27	5.31	BRIDGE	N/A	9450-028 (WHITE RIVER BRIDGE)
5.32	5.32	INTERSECTION	L	SPUR TO ROUTE 0200A (WHITE RIVER CAMPGROUND ENTRANCE ROAD)
5.33	5.33	INTERSECTION	L	ROUTE 0200A (WHITE RIVER CAMPGROUND ENTRANCE ROAD)
7.76	7.76	INTERSECTION	R	UNPAVED PARKING
7.79	7.79	INTERSECTION	R	UNPAVED PARKING
8.62	8.62	INTERSECTION	L	UNPAVED ROUTE
12.75	12.75	INTERSECTION	L	ROUTE 0934 (SUNRISE POINT PARKING)
12.83	12.83	INTERSECTION	L	ROUTE 0934 (SUNRISE POINT PARKING)
12.88	12.88	INTERSECTION	L	ROUTE 0934 (SUNRISE POINT PARKING)
15.38	15.38	INTERSECTION	N/A	ROUTE 0935 (SUNRISE LODGE PARKING)

MORA: Route Milepost Log

ROUTE 0012: STATE ROUTE 410 (MATHER MEMORIAL PARKWAY)

Road logs are verified in Cycle 6 and mileposts for this route are matched to GPS collected in Cycle 6.

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.00	0.00	INTERSECTION	N/A	PAVED ROUTE (STATE ROUTE 410 (MATHER MEMORIAL PARKWAY) / NON NPS)
0.00	0.00	PARK BOUNDARY	N/A	N/A
1.59	1.59	INTERSECTION	R	UNPAVED PARKING
4.10	4.10	INTERSECTION	R	UNPAVED PARKING
4.10	4.10	INTERSECTION	L	UNPAVED PARKING
4.56	4.56	INTERSECTION	R	SPUR TO ROUTE 0011 (SUNRISE ROAD)
4.58	4.58	INTERSECTION	R	ROUTE 0011 (SUNRISE ROAD)
5.34	5.42	BRIDGE	N/A	9450-024 (DEADWOOD CREEK BRIDGE)
8.09	8.09	INTERSECTION	R	ROUTE 0010 (STATE ROUTE 123 (EAST SIDE HIGHWAY))
8.14	8.14	INTERSECTION	R	SPUR TO ROUTE 0010 (STATE ROUTE 123 (EAST SIDE HIGHWAY))
11.01	11.01	INTERSECTION	L	ROUTE 0928CZ (TIPSOO LAKE PARKING C)
11.20	11.20	INTERSECTION	L	ROUTE 0928BZ (TIPSOO LAKE PARKING B)
11.35	11.35	INTERSECTION	L	ROUTE 0928AZ (TIPSOO LAKE PARKING A)
11.68	11.68	INTERSECTION	N/A	PAVED ROUTE (STATE ROUTE 410 (MATHER MEMORIAL PARKWAY) / NON NPS)
11.68	11.68	PARK BOUNDARY	N/A	N/A

MORA: Route Milepost Log

ROUTE 0013: STEVENS CANYON ROAD

Road logs are verified in Cycle 6 and mileposts for this route are matched to GPS collected in Cycle 4.

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.00	0.00	INTERSECTION	L	ROUTE 0014 (STATE ROUTE 706 (NISQUALLY ROAD))
0.00	0.00	INTERSECTION	R	ROUTE 0014 (STATE ROUTE 706 (NISQUALLY ROAD))
0.05	0.06	BRIDGE	N/A	9450-007 (PARADISE RIVER BRIDGE)
0.19	0.19	INTERSECTION	L	ROUTE 0500 (VALLEY ROAD)
0.47	0.47	INTERSECTION	R	ROUTE 0919 (INSPIRATION POINT PARKING)
0.51	0.51	INTERSECTION	R	ROUTE 0919 (INSPIRATION POINT PARKING)
1.34	1.34	INTERSECTION	L	ROUTE 0920AZ (REFLECTION LAKES PARKING A)
1.44	1.44	INTERSECTION	R	ROUTE 0920BZ (REFLECTION LAKES PARKING B)
1.50	1.50	INTERSECTION	L	ROUTE 0920CZ (REFLECTION LAKES PARKING C)
2.40	2.40	INTERSECTION	R	ROUTE 0921 (LOUISE LAKE PARKING)
2.88	2.88	INTERSECTION	R	ROUTE 0938 (SNOW LAKE TRAIL PARKING)
4.81	4.85	BRIDGE	N/A	9450-009 (STEVENS CREEK BRIDGE)
6.33	6.38	BRIDGE	N/A	9450-010 (STEVENS CANYON VIADUCT #1)
6.39	6.44	BRIDGE	N/A	9450-031 (STEVENS CANYON VIADUCT #2)
6.64	6.68	BRIDGE	N/A	9450-032 (STEVENS CANYON VIADUCT #3)
6.71	6.73	BRIDGE	N/A	9450-037 (STEVENS CANYON VIADUCT #4)
6.79	6.84	BRIDGE	N/A	9450-033 (STEVENS CANYON VIADUCT #5)
6.91	6.97	TUNNEL	N/A	9450-008 (STEVENS CANYON ROAD TUNNEL #1)
6.97	7.02	BRIDGE	N/A	9450-034 (STEVENS CANYON VIADUCT #6)
8.14	8.14	INTERSECTION	R	ROUTE 0922 (BOX CANYON PICNIC AREA PARKING)
8.19	8.19	INTERSECTION	R	ROUTE 0922 (BOX CANYON PICNIC AREA PARKING)
8.53	8.58	TUNNEL	N/A	9450-023 (STEVENS CANYON ROAD TUNNEL #2)
8.58	8.63	BRIDGE	N/A	9450-011 (BOX CANYON BRIDGE)
8.64	8.64	INTERSECTION	R	ROUTE 0923 (BOX CANYON OVERLOOK / EXHIBIT PARKING)
8.68	8.68	INTERSECTION	R	ROUTE 0923 (BOX CANYON OVERLOOK / EXHIBIT PARKING)
9.08	9.08	INTERSECTION	L	UNPAVED ROUTE
9.13	9.13	INTERSECTION	R	PAVED PARKING (NICKEL CREEK PARKING)
9.16	9.20	BRIDGE	N/A	9450-012 (NICKEL CREEK BRIDGE)

MORA: Route Milepost Log

ROUTE 0013: STEVENS CANYON ROAD

Road logs are verified in Cycle 6 and mileposts for this route are matched to GPS collected in Cycle 4.

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
13.13	13.13	INTERSECTION	R	ROUTE 0925 (BACKBONE RIDGE PARKING)
13.50	13.74	BRIDGE	N/A	9450-013 (BACKBONE RIDGE VIADUCT #1)
15.12	15.18	BRIDGE	N/A	9450-014 (BACKBONE RIDGE VIADUCT #2)
18.18	18.18	INTERSECTION	L	PAVED PARKING (COWLITZ DIVIDE TRAIL PARKING)
18.48	18.51	BRIDGE	N/A	9450-015 (FALLS CREEK BRIDGE)
18.72	18.72	INTERSECTION	L	ROUTE 0926 (GROVE OF THE PATRIARCHS PARKING)
18.75	18.75	INTERSECTION	L	ROUTE 0926 (GROVE OF THE PATRIARCHS PARKING)
18.81	18.84	BRIDGE	N/A	9450-016 (OHANAPECOSH RIVER BRIDGE)
18.91	18.91	INTERSECTION	L	ROUTE 0013 (STEVENS CANYON ROAD)
19.04	19.04	INTERSECTION	R	ROUTE 0010 (STATE ROUTE 123 (EAST SIDE HIGHWAY))
19.04	19.04	INTERSECTION	L	ROUTE 0010 (STATE ROUTE 123 (EAST SIDE HIGHWAY))

MORA: Route Milepost Log

ROUTE 0014: STATE ROUTE 706 (NISQUALLY ROAD)

Road logs are verified in Cycle 6 and mileposts for this route are matched to GPS collected in Cycle 6.

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.00	0.00	INTERSECTION	N/A	PAVED ROUTE (STATE ROUTE 0706 (NISQUALLY ROAD) / NON NPS)
0.00	0.00	PARK BOUNDARY	N/A	N/A
0.02	0.02	INTERSECTION	L	ROUTE 0014 (STATE ROUTE 706 (NISQUALLY ROAD))
0.03	0.03	INTERSECTION	R	ROUTE 0901 (NISQUALLY ENTRANCE SERVICE AREA PARKING)
0.11	0.11	INTERSECTION	L	SPUR TO ROUTE 0014 (STATE ROUTE 706 (NISQUALLY ROAD))
0.42	0.42	INTERSECTION	R	ROUTE 0201 (SUNSHINE POINT CAMPGROUND ENTRANCE)
1.03	1.03	INTERSECTION	L	ROUTE 0101 (WEST SIDE ROAD)
1.17	1.18	BRIDGE	N/A	9450-026 (TAHOMA CREEK BRIDGE)
3.34	3.37	BRIDGE	N/A	9450-001 (KAUTZ CREEK BRIDGE)
3.42	3.42	INTERSECTION	R	ROUTE 0902 (KAUTZ CREEK TRAILHEAD PARKING)
3.49	3.49	INTERSECTION	R	ROUTE 0902 (KAUTZ CREEK TRAILHEAD PARKING)
3.55	3.55	INTERSECTION	R	ROUTE 0405 (KAUTZ HELIBASE ACCESS ROAD)
4.31	4.31	INTERSECTION	L	ROUTE 0945 (TWIN FIRS TRAILHEAD PARKING)
6.36	6.36	INTERSECTION	R	ROUTE 0903 (LONGMIRE NATIONAL PARK INN PARKING LOOP)
6.43	6.43	INTERSECTION	R	ROUTE 0212 (LONGMIRE HISTORIC GAS STATION ENTRANCE LOOP)
6.46	6.46	INTERSECTION	R	ROUTE 0100 (LONGMIRE SOUTH BACK GATE ROAD)
6.80	6.80	INTERSECTION	R	ROUTE 0906 (MATERNITY CURVE PARKING)
6.83	6.83	INTERSECTION	R	ROUTE 0906 (MATERNITY CURVE PARKING)
8.53	8.53	INTERSECTION	R	ROUTE 0942 (CARTER FALLS TRAILHEAD PARKING)
8.57	8.57	INTERSECTION	L	ROUTE 0205 (COUGAR ROCK CAMPGROUND ENTRANCE ROAD)
8.57	8.57	INTERSECTION	R	ROUTE 0211 (COUGAR ROCK PICNIC AREA ROAD)
8.84	8.84	INTERSECTION	L	UNPAVED ROUTE
10.44	10.44	INTERSECTION	L	ROUTE 0908 (COMET FALLS PARKING)
10.69	10.73	BRIDGE	N/A	9450-003 (CHRISTINE FALLS BRIDGE)
10.75	10.75	INTERSECTION	R	ROUTE 0909BZ (CHRISTINE FALLS VIEWPOINT PARKING B)
11.51	11.51	INTERSECTION	R	ROUTE 0909AZ (CHRISTINE FALLS VIEWPOINT PARKING A)

MORA: Route Milepost Log

ROUTE 0014: STATE ROUTE 706 (NISQUALLY ROAD)

Road logs are verified in Cycle 6 and mileposts for this route are matched to GPS collected in Cycle 6.

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
11.57	11.74	BRIDGE	N/A	9450-005 (NISQUALLY GLACIER BRIDGE)
11.82	11.82	INTERSECTION	R	ROUTE 0910 (GLACIER HILL CHAIN UP PARKING)
12.68	12.68	INTERSECTION	R	ROUTE 0203 (MILLER CUT OFF / RICKSECKER POINT LOOP ROAD)
13.14	13.14	INTERSECTION	R	ROUTE 0203 (MILLER CUT OFF / RICKSECKER POINT LOOP ROAD)
13.79	13.79	INTERSECTION	L	ROUTE 0912 (CANYON RIM VIEWPOINT PARKING)
14.71	14.71	INTERSECTION	R	ROUTE 0913 (NARADA FALLS PARKING)
14.81	14.81	INTERSECTION	R	ROUTE 0913 (NARADA FALLS PARKING)
15.54	15.54	INTERSECTION	R	ROUTE 0013 (STEVENS CANYON ROAD)
16.56	16.56	INTERSECTION	L	ROUTE 0914 (PARADISE WASTEWATER TREATMENT PLANT PARKING)
16.92	16.92	INTERSECTION	R	ROUTE 0202AZ (PARADISE PICNIC AREA ROAD)
17.25	17.25	INTERSECTION	R	ROUTE 0202AZ (PARADISE PICNIC AREA ROAD)
17.45	17.45	INTERSECTION	L	ROUTE 0915 (PARADISE PARKING (LOWER LOT))
17.65	17.65	INTERSECTION	N/A	ROUTE 0916 (PARADISE PARKING (UPPER LOT))

MORA: Route Milepost Log

ROUTE 0100: LONGMIRE SOUTH BACK GATE ROAD

Road logs are verified in Cycle 6 and mileposts for this route are matched to GPS collected in Cycle 4.

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.00	0.00	INTERSECTION	R	ROUTE 0014 (STATE ROUTE 706 (NISQUALLY ROAD))
0.00	0.00	INTERSECTION	L	ROUTE 0014 (STATE ROUTE 706 (NISQUALLY ROAD))
0.01	0.01	INTERSECTION	R	ROUTE 0212 (LONGMIRE HISTORIC GAS STATION ENTRANCE LOOP)
0.04	0.04	INTERSECTION	R	ROUTE 0903 (LONGMIRE NATIONAL PARK INN PARKING LOOP)
0.07	0.07	INTERSECTION	L	ROUTE 0408AZ (LONGMIRE RESIDENTIAL ROAD A)
0.09	0.09	INTERSECTION	R	ROUTE 0904AZ (LONGMIRE RESIDENCE AREA #1 PARKING A)
0.10	0.10	INTERSECTION	R	ROUTE 0905 (LONGMIRE MAINTENANCE AREA #2 PARKING)
0.14	0.14	INTERSECTION	L	ROUTE 0904AZ (LONGMIRE RESIDENCE AREA #1 PARKING A)
0.15	0.15	INTERSECTION	R	ROUTE 0904GZ (LONGMIRE RESIDENCE AREA #1 PARKING G)
0.21	0.21	INTERSECTION	L	ROUTE 0408AZ (LONGMIRE RESIDENTIAL ROAD A)
0.21	0.21	INTERSECTION	R	ROUTE 0905 (LONGMIRE MAINTENANCE AREA #2 PARKING)
0.31	0.35	BRIDGE	N/A	9450-002 (LONGMIRE SUSPENSION BRIDGE)
0.56	0.56	INTERSECTION	L	ROUTE 0944BZ (LONGMIRE COMMUNITY BUILDING PARKING B)
0.56	0.56	INTERSECTION	R	ROUTE 0944AZ (LONGMIRE COMMUNITY BUILDING PARKING A)
0.57	0.57	INTERSECTION	L	ROUTE 0409BZ (LONGMIRE CAMPGROUND LOOP B)
0.64	0.64	INTERSECTION	L	ROUTE 0409CZ (LONGMIRE CAMPGROUND LOOP C)
0.73	0.73	INTERSECTION	L	ROUTE 0409AZ (LONGMIRE CAMPGROUND LOOP A)
0.93	0.93	INTERSECTION	R	ROUTE 0409AZ (LONGMIRE CAMPGROUND LOOP A)
0.94	0.94	INTERSECTION	L	ROUTE 0409BZ (LONGMIRE CAMPGROUND LOOP B)
1.22	1.22	INTERSECTION	R	ROUTE 0404AZ (LONGMIRE WATER TREATMENT ROAD)
1.49	1.49	INTERSECTION	N/A	ROUTE 5001 (BISECTOR ROAD)

MORA: Route Milepost Log

ROUTE 0102: CARBON RIVER ENTRANCE ROAD

Road logs are verified in Cycle 6 and mileposts for this route are matched to GPS collected in Cycle 6.

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.00	0.00	INTERSECTION	N/A	ROUTE 5002 (BURNETT-FAIRFAX HIGHWAY)
0.05	0.05	INTERSECTION	L	ROUTE 0950BZ (CARBON RIVER ENTRANCE PARKING B)
0.05	0.05	INTERSECTION	R	ROUTE 0950AZ (CARBON RIVER ENTRANCE PARKING A)
0.19	0.19	INTERSECTION	N/A	ROUTE 0102 (CARBON RIVER ENTRANCE ROAD) UNPAVED SECTION

MORA: Route Milepost Log

ROUTE 0200A: WHITE RIVER CAMPGROUND ENTRANCE ROAD

Road logs are verified in Cycle 6 and mileposts for this route are matched to GPS collected in Cycle 5.

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.00	0.00	INTERSECTION	L	ROUTE 0011 (SUNRISE ROAD)
0.00	0.00	INTERSECTION	R	ROUTE 0011 (SUNRISE ROAD)
0.03	0.03	INTERSECTION	L	PAVED SPUR
1.09	1.09	INTERSECTION	R	ROUTE 0946BZ (WHITE RIVER CAMPGROUND REGISTRATION PARKING)
1.12	1.12	INTERSECTION	R	ROUTE 0200AZ (WHITE RIVER CAMPGROUND LOOP A)
1.14	1.14	INTERSECTION	R	ROUTE 0200BZ (WHITE RIVER CAMPGROUND LOOP B)
1.17	1.17	INTERSECTION	R	ROUTE 0200BZ (WHITE RIVER CAMPGROUND LOOP B)
1.20	1.20	INTERSECTION	R	ROUTE 0200CZ (WHITE RIVER CAMPGROUND LOOP C)
1.20	1.20	INTERSECTION	L	ROUTE 0946AZ (WHITE RIVER DAY USE PARKING)
1.29	1.29	INTERSECTION	L	ROUTE 0946AZ (WHITE RIVER DAY USE PARKING)
1.31	1.31	INTERSECTION	L	ROUTE 0200DZ (WHITE RIVER CAMPGROUND LOOP D)
1.33	1.33	INTERSECTION	N/A	ROUTE 0200DZ (WHITE RIVER CAMPGROUND LOOP D)
1.33	1.33	INTERSECTION	R	ROUTE 0200CZ (WHITE RIVER CAMPGROUND LOOP C)

MORA: Route Milepost Log

ROUTE 0200AZ: WHITE RIVER CAMPGROUND LOOP A

Road logs are verified in Cycle 6 and mileposts for this route are matched to GPS collected in Cycle 5.

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.00	0.00	INTERSECTION	R	ROUTE 0200A (WHITE RIVER CAMPGROUND ENTRANCE ROAD)
0.00	0.00	INTERSECTION	L	ROUTE 0200A (WHITE RIVER CAMPGROUND ENTRANCE ROAD)
0.11	0.11	INTERSECTION	L	ROUTE 0200AZ (WHITE RIVER CAMPGROUND LOOP A)
0.33	0.33	INTERSECTION	R	ROUTE 0200AZ (WHITE RIVER CAMPGROUND LOOP A)
0.33	0.33	INTERSECTION	L	ROUTE 0200AZ (WHITE RIVER CAMPGROUND LOOP A)

MORA: Route Milepost Log

ROUTE 0200BZ: WHITE RIVER CAMPGROUND LOOP B

Road logs are verified in Cycle 6 and mileposts for this route are matched to GPS collected in Cycle 5.

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.00	0.00	INTERSECTION	R	ROUTE 0200A (WHITE RIVER CAMPGROUND ENTRANCE ROAD)
0.00	0.00	INTERSECTION	L	ROUTE 0200A (WHITE RIVER CAMPGROUND ENTRANCE ROAD)
0.12	0.12	INTERSECTION	R	ROUTE 0200A (WHITE RIVER CAMPGROUND ENTRANCE ROAD)
0.12	0.12	INTERSECTION	L	ROUTE 0200A (WHITE RIVER CAMPGROUND ENTRANCE ROAD)

MORA: Route Milepost Log

ROUTE 0200CZ: WHITE RIVER CAMPGROUND LOOP C

Road logs are verified in Cycle 6 and mileposts for this route are matched to GPS collected in Cycle 5.

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.00	0.00	INTERSECTION	L	ROUTE 0200A (WHITE RIVER CAMPGROUND ENTRANCE ROAD)
0.00	0.00	INTERSECTION	R	ROUTE 0200A (WHITE RIVER CAMPGROUND ENTRANCE ROAD)
0.18	0.18	INTERSECTION	L	ROUTE 0200A (WHITE RIVER CAMPGROUND ENTRANCE ROAD)
0.18	0.18	INTERSECTION	R	ROUTE 0200DZ (WHITE RIVER CAMPGROUND LOOP D)

MORA: Route Milepost Log

ROUTE 0200DZ: WHITE RIVER CAMPGROUND LOOP D

Road logs are verified in Cycle 6 and mileposts for this route are matched to GPS collected in Cycle 5.

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.00	0.00	INTERSECTION	R	ROUTE 0200CZ (WHITE RIVER CAMPGROUND LOOP C)
0.00	0.00	INTERSECTION	N/A	ROUTE 0200A (WHITE RIVER CAMPGROUND ENTRANCE ROAD)
0.26	0.26	INTERSECTION	L	ROUTE 0200DZ (WHITE RIVER CAMPGROUND LOOP D)
0.26	0.26	INTERSECTION	R	ROUTE 0200A (WHITE RIVER CAMPGROUND ENTRANCE ROAD)

MORA: Route Milepost Log

ROUTE 0202AZ: PARADISE PICNIC AREA ROAD

Road logs are verified in Cycle 6 and mileposts for this route are matched to GPS collected in Cycle 6.

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.00	0.00	ONE-WAY START	N/A	N/A
0.00	0.00	INTERSECTION	L	ROUTE 0014 (STATE ROUTE 706 (NISQUALLY ROAD))
0.00	0.00	INTERSECTION	R	ROUTE 0014 (STATE ROUTE 706 (NISQUALLY ROAD))
0.01	0.01	INTERSECTION	R	ROUTE 0943AZ (PARADISE PICNIC AREA PARKING A)
0.04	0.04	INTERSECTION	R	ROUTE 0943BZ (PARADISE PICNIC AREA PARKING B)
0.11	0.11	INTERSECTION	L	ROUTE 0943CZ (PARADISE PICNIC AREA PARKING C)
0.12	0.12	INTERSECTION	R	ROUTE 0943DZ (PARADISE PICNIC AREA PARKING D)
0.14	0.14	INTERSECTION	R	ROUTE 0943GZ (PARADISE PICNIC AREA PARKING G)
0.16	0.16	ONE-WAY START	N/A	N/A
0.20	0.20	INTERSECTION	L	ROUTE 0943HZ (PARADISE PICNIC AREA PARKING H)
0.21	0.21	INTERSECTION	R	ROUTE 0943MZ (PARADISE PICNIC AREA PARKING M)
0.30	0.30	INTERSECTION	R	ROUTE 0943IZ (PARADISE PICNIC AREA PARKING I)
0.40	0.40	INTERSECTION	L	ROUTE 0943JZ (PARADISE PICNIC AREA PARKING J)
0.44	0.44	INTERSECTION	L	ROUTE 0943KZ (PARADISE PICNIC AREA PARKING K)
0.75	0.75	INTERSECTION	L	ROUTE 0014 (STATE ROUTE 706 (NISQUALLY ROAD))
0.75	0.75	INTERSECTION	R	ROUTE 0014 (STATE ROUTE 706 (NISQUALLY ROAD))
0.75	0.75	ONE-WAY END	N/A	N/A

MORA: Route Milepost Log

ROUTE 0202BZ: PARADISE PICNIC AREA LOOP

Road logs are verified in Cycle 6 and mileposts for this route are matched to GPS collected in Cycle 6.

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.00	0.00	INTERSECTION	N/A	ROUTE 0202AZ (PARADISE PICNIC AREA ROAD)
0.00	0.00	INTERSECTION	L	ROUTE 0202AZ (PARADISE PICNIC AREA ROAD)
0.02	0.02	ONE-WAY START	N/A	N/A
0.04	0.04	INTERSECTION	R	ROUTE 0943EZ (PARADISE PICNIC AREA PARKING E)
0.10	0.10	INTERSECTION	R	ROUTE 0943FZ (PARADISE PICNIC AREA PARKING F)
0.12	0.12	INTERSECTION	L	ROUTE 0202AZ (PARADISE PICNIC AREA ROAD)
0.12	0.12	INTERSECTION	R	ROUTE 0202AZ (PARADISE PICNIC AREA ROAD)
0.12	0.12	ONE-WAY END	N/A	N/A

MORA: Route Milepost Log

ROUTE 0203: MILLER CUT OFF / RICKSECKER POINT LOOP ROAD

Road logs are verified in Cycle 6 and mileposts for this route are matched to GPS collected in Cycle 4.

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.00	0.00	ONE-WAY START	N/A	N/A
0.00	0.00	INTERSECTION	L	ROUTE 0014 (STATE ROUTE 706 (NISQUALLY ROAD))
0.00	0.00	INTERSECTION	R	ROUTE 0014 (STATE ROUTE 706 (NISQUALLY ROAD))
1.05	1.05	INTERSECTION	L	ROUTE 0014 (STATE ROUTE 706 (NISQUALLY ROAD))
1.05	1.05	INTERSECTION	R	ROUTE 0014 (STATE ROUTE 706 (NISQUALLY ROAD))
1.05	1.05	ONE-WAY END	N/A	N/A

MORA: Route Milepost Log

ROUTE 0205: COUGAR ROCK CAMPGROUND ENTRANCE ROAD

Road logs are verified in Cycle 6 and mileposts for this route are matched to GPS collected in Cycle 4.

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.00	0.00	INTERSECTION	L	ROUTE 0014 (STATE ROUTE 706 (NISQUALLY ROAD))
0.00	0.00	INTERSECTION	R	ROUTE 0014 (STATE ROUTE 706 (NISQUALLY ROAD))
0.04	0.04	INTERSECTION	L	ROUTE 0941BZ (COUGAR ROCK CAMPGROUND DUMP STATION)
0.05	0.05	INTERSECTION	R	ROUTE 0941AZ (COUGAR ROCK CAMPGROUND RANGER STATION PARKING)
0.06	0.06	INTERSECTION	L	ROUTE 0941BZ (COUGAR ROCK CAMPGROUND DUMP STATION)
0.07	0.07	INTERSECTION	R	ROUTE 0205AZ (COUGAR ROCK CAMPGROUND LOOP A)
0.09	0.09	INTERSECTION	R	ROUTE 0205BZ (COUGAR ROCK CAMPGROUND LOOP B)
0.13	0.13	INTERSECTION	R	ROUTE 0205CZ (COUGAR ROCK CAMPGROUND LOOP C)
0.19	0.19	INTERSECTION	R	ROUTE 0205DZ (COUGAR ROCK CAMPGROUND LOOP D)
0.33	0.33	INTERSECTION	L	ROUTE 0205EZ (COUGAR ROCK CAMPGROUND LOOP E)
0.37	0.37	INTERSECTION	L	ROUTE 0205EZ (COUGAR ROCK CAMPGROUND LOOP E)
0.38	0.38	INTERSECTION	N/A	ROUTE 0205FZ (COUGAR ROCK CAMPGROUND LOOP F)

MORA: Route Milepost Log

ROUTE 0205AZ: COUGAR ROCK CAMPGROUND LOOP A

Road logs are verified in Cycle 6 and mileposts for this route are matched to GPS collected in Cycle 4.

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.00	0.00	INTERSECTION	R	ROUTE 0205 (COUGAR ROCK CAMPGROUND ENTRANCE ROAD)
0.00	0.00	ONE-WAY START	N/A	N/A
0.00	0.00	INTERSECTION	L	ROUTE 0205 (COUGAR ROCK CAMPGROUND ENTRANCE ROAD)
0.06	0.06	INTERSECTION	L	ROUTE 0205AZ (COUGAR ROCK CAMPGROUND LOOP A)
0.26	0.26	ONE-WAY END	N/A	N/A
0.26	0.26	INTERSECTION	R	ROUTE 0205AZ (COUGAR ROCK CAMPGROUND LOOP A)
0.26	0.26	INTERSECTION	L	ROUTE 0205AZ (COUGAR ROCK CAMPGROUND LOOP A)

MORA: Route Milepost Log

ROUTE 0205BZ: COUGAR ROCK CAMPGROUND LOOP B

Road logs are verified in Cycle 6 and mileposts for this route are matched to GPS collected in Cycle 4.

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.00	0.00	INTERSECTION	R	ROUTE 0205 (COUGAR ROCK CAMPGROUND ENTRANCE ROAD)
0.00	0.00	INTERSECTION	L	ROUTE 0205 (COUGAR ROCK CAMPGROUND ENTRANCE ROAD)
0.02	0.02	INTERSECTION	L	ROUTE 0205BZ (COUGAR ROCK CAMPGROUND LOOP B)
0.02	0.02	ONE-WAY START	N/A	N/A
0.29	0.29	INTERSECTION	R	ROUTE 0205BZ (COUGAR ROCK CAMPGROUND LOOP B)
0.29	0.29	INTERSECTION	L	ROUTE 0205BZ (COUGAR ROCK CAMPGROUND LOOP B)
0.29	0.29	ONE-WAY END	N/A	N/A

MORA: Route Milepost Log

ROUTE 0205CZ: COUGAR ROCK CAMPGROUND LOOP C

Road logs are verified in Cycle 6 and mileposts for this route are matched to GPS collected in Cycle 4.

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.00	0.00	INTERSECTION	R	ROUTE 0205 (COUGAR ROCK CAMPGROUND ENTRANCE ROAD)
0.00	0.00	INTERSECTION	L	ROUTE 0205 (COUGAR ROCK CAMPGROUND ENTRANCE ROAD)
0.01	0.01	ONE-WAY START	N/A	N/A
0.01	0.01	INTERSECTION	L	ROUTE 0205CZ (COUGAR ROCK CAMPGROUND LOOP C)
0.34	0.34	INTERSECTION	R	ROUTE 0205CZ (COUGAR ROCK CAMPGROUND LOOP C)
0.34	0.34	ONE-WAY END	N/A	N/A
0.34	0.34	INTERSECTION	L	ROUTE 0205CZ (COUGAR ROCK CAMPGROUND LOOP C)

MORA: Route Milepost Log

ROUTE 0205DZ: COUGAR ROCK CAMPGROUND LOOP D

Road logs are verified in Cycle 6 and mileposts for this route are matched to GPS collected in Cycle 4.

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.00	0.00	INTERSECTION	L	ROUTE 0205 (COUGAR ROCK CAMPGROUND ENTRANCE ROAD)
0.00	0.00	INTERSECTION	R	ROUTE 0205 (COUGAR ROCK CAMPGROUND ENTRANCE ROAD)
0.02	0.02	INTERSECTION	L	ROUTE 0205DZ (COUGAR ROCK CAMPGROUND LOOP D)
0.02	0.02	ONE-WAY START	N/A	N/A
0.40	0.40	INTERSECTION	L	ROUTE 0205 (COUGAR ROCK CAMPGROUND ENTRANCE ROAD)
0.40	0.40	ONE-WAY END	N/A	N/A
0.40	0.40	INTERSECTION	R	ROUTE 0205 (COUGAR ROCK CAMPGROUND ENTRANCE ROAD)

MORA: Route Milepost Log

ROUTE 0205EZ: COUGAR ROCK CAMPGROUND LOOP E

Road logs are verified in Cycle 6 and mileposts for this route are matched to GPS collected in Cycle 4.

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.00	0.00	INTERSECTION	R	ROUTE 0205 (COUGAR ROCK CAMPGROUND ENTRANCE ROAD)
0.00	0.00	INTERSECTION	L	ROUTE 0205 (COUGAR ROCK CAMPGROUND ENTRANCE ROAD)
0.00	0.00	ONE-WAY START	N/A	N/A
0.23	0.23	INTERSECTION	R	ROUTE 0205 (COUGAR ROCK CAMPGROUND ENTRANCE ROAD)
0.23	0.23	ONE-WAY END	N/A	N/A
0.23	0.23	INTERSECTION	L	ROUTE 0205 (COUGAR ROCK CAMPGROUND ENTRANCE ROAD)

MORA: Route Milepost Log

ROUTE 0205FAZ: COUGAR ROCK CAMPGROUND LOOP F BISECTOR

Road logs are verified in Cycle 6 and mileposts for this route are matched to GPS collected in Cycle 4.

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.00	0.00	INTERSECTION	R	ROUTE 0205FZ (COUGAR ROCK CAMPGROUND LOOP F)
0.00	0.00	INTERSECTION	L	ROUTE 0205FZ (COUGAR ROCK CAMPGROUND LOOP F)
0.00	0.00	ONE-WAY START	N/A	N/A
0.02	0.02	INTERSECTION	R	ROUTE 0205FZ (COUGAR ROCK CAMPGROUND LOOP F)
0.02	0.02	INTERSECTION	L	ROUTE 0205FZ (COUGAR ROCK CAMPGROUND LOOP F)
0.02	0.02	ONE-WAY END	N/A	N/A

MORA: Route Milepost Log

ROUTE 0205FZ: COUGAR ROCK CAMPGROUND LOOP F

Road logs are verified in Cycle 6 and mileposts for this route are matched to GPS collected in Cycle 4.

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.00	0.00	INTERSECTION	N/A	ROUTE 0205 (COUGAR ROCK CAMPGROUND ENTRANCE ROAD)
0.00	0.00	ONE-WAY START	N/A	N/A
0.01	0.01	INTERSECTION	L	ROUTE 0205FZ (COUGAR ROCK CAMPGROUND LOOP F)
0.15	0.15	INTERSECTION	L	ROUTE 0205FAZ (COUGAR ROCK CAMPGROUND LOOP F BISECTOR)
0.33	0.33	INTERSECTION	L	ROUTE 0205FAZ (COUGAR ROCK CAMPGROUND LOOP F BISECTOR)
0.43	0.43	INTERSECTION	L	ROUTE 0205FZ (COUGAR ROCK CAMPGROUND LOOP F)
0.43	0.43	ONE-WAY END	N/A	N/A
0.43	0.43	INTERSECTION	R	ROUTE 0205 (COUGAR ROCK CAMPGROUND ENTRANCE ROAD)

MORA: Route Milepost Log

ROUTE 0206: OHANA CAMPGROUND ENTRANCE ROAD

Road logs are verified in Cycle 6 and mileposts for this route are matched to GPS collected in Cycle 4.

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.00	0.00	INTERSECTION	L	ROUTE 0010 (STATE ROUTE 123 (EAST SIDE HIGHWAY))
0.00	0.00	INTERSECTION	R	ROUTE 0010 (STATE ROUTE 123 (EAST SIDE HIGHWAY))
0.03	0.03	INTERSECTION	L	ROUTE 0210 (OHANA RANGER STATION ENTRANCE ROAD)
0.31	0.31	INTERSECTION	R	ROUTE 0940AZ (OHANA CAMPGROUND VISITOR CENTER PARKING)
0.32	0.32	INTERSECTION	L	ROUTE 0206AZ (OHANA CAMPGROUND LOOP A)
0.34	0.34	INTERSECTION	L	ROUTE 0206CZ (OHANA CAMPGROUND LOOP C)
0.35	0.35	INTERSECTION	R	ROUTE 0206BZ (OHANA CAMPGROUND LOOP B)
0.35	0.38	BRIDGE	N/A	9450-019 (OHANAPECOSH BRIDGE)
0.41	0.41	INTERSECTION	R	ROUTE 0940BZ (OHANA CAMPGROUND AMPHITHEATER PARKING)
0.41	0.41	INTERSECTION	L	ROUTE 0206DZ (OHANA CAMPGROUND LOOP D)
0.50	0.50	INTERSECTION	R	ROUTE 0206EZ (OHANA CAMPGROUND LOOP E)
0.50	0.50	INTERSECTION	L	ROUTE 0206FZ (OHANA CAMPGROUND LOOP F)
0.53	0.53	INTERSECTION	R	ROUTE 0206EZ (OHANA CAMPGROUND LOOP E)
0.56	0.56	INTERSECTION	R	ROUTE 0206HZ (OHANA CAMPGROUND LOOP H)
0.64	0.64	INTERSECTION	N/A	ROUTE 0206GZ (OHANA CAMPGROUND LOOP G)

MORA: Route Milepost Log

ROUTE 0206AZ: OHANA CAMPGROUND LOOP A

Road logs are verified in Cycle 6 and mileposts for this route are matched to GPS collected in Cycle 4.

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.00	0.00	INTERSECTION	L	ROUTE 0206 (OHANA CAMPGROUND ENTRANCE ROAD)
0.00	0.00	ONE-WAY START	N/A	N/A
0.00	0.00	INTERSECTION	R	ROUTE 0206 (OHANA CAMPGROUND ENTRANCE ROAD)
0.03	0.03	INTERSECTION	L	ROUTE 0940CZ (OHANA CAMPGROUND LOOP A PICNIC PARKING)
0.11	0.11	INTERSECTION	L	ROUTE 0206AZ (OHANA CAMPGROUND LOOP A)
0.48	0.48	INTERSECTION	L	ROUTE 0206AZ (OHANA CAMPGROUND LOOP A)
0.48	0.48	ONE-WAY END	N/A	N/A
0.48	0.48	INTERSECTION	R	ROUTE 0206AZ (OHANA CAMPGROUND LOOP A)

MORA: Route Milepost Log

ROUTE 0206BZ: OHANA CAMPGROUND LOOP B

Road logs are verified in Cycle 6 and mileposts for this route are matched to GPS collected in Cycle 4.

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.00	0.00	INTERSECTION	L	ROUTE 0206 (OHANA CAMPGROUND ENTRANCE ROAD)
0.00	0.00	INTERSECTION	R	ROUTE 0206 (OHANA CAMPGROUND ENTRANCE ROAD)
0.01	0.01	ONE-WAY START	N/A	N/A
0.01	0.01	INTERSECTION	L	ROUTE 0206BZ (OHANA CAMPGROUND LOOP B)
0.20	0.20	INTERSECTION	L	ROUTE 0940DZ (OHANA CAMPGROUND LOOP B PARKING)
0.21	0.21	INTERSECTION	L	ROUTE 0206BZ (OHANA CAMPGROUND LOOP B)
0.21	0.21	ONE-WAY END	N/A	N/A
0.21	0.21	INTERSECTION	R	ROUTE 0206BZ (OHANA CAMPGROUND LOOP B)

MORA: Route Milepost Log

ROUTE 0206CAZ: OHANA CAMPGROUND LOOP C BISECTOR

Road logs are verified in Cycle 6 and mileposts for this route are matched to GPS collected in Cycle 4.

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.00	0.00	INTERSECTION	L	ROUTE 0206CZ (OHANA CAMPGROUND LOOP C)
0.00	0.00	ONE-WAY START	N/A	N/A
0.00	0.00	INTERSECTION	R	ROUTE 0206CZ (OHANA CAMPGROUND LOOP C)
0.04	0.04	INTERSECTION	R	ROUTE 0206CZ (OHANA CAMPGROUND LOOP C)
0.04	0.04	ONE-WAY END	N/A	N/A
0.04	0.04	INTERSECTION	L	ROUTE 0206CZ (OHANA CAMPGROUND LOOP C)

MORA: Route Milepost Log

ROUTE 0206CZ: OHANA CAMPGROUND LOOP C

Road logs are verified in Cycle 6 and mileposts for this route are matched to GPS collected in Cycle 6.

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.00	0.00	INTERSECTION	R	ROUTE 0206 (OHANA CAMPGROUND ENTRANCE ROAD)
0.00	0.00	INTERSECTION	L	ROUTE 0206 (OHANA CAMPGROUND ENTRANCE ROAD)
0.05	0.05	INTERSECTION	L	ROUTE 0206AZ (OHANA CAMPGROUND LOOP A)
0.05	0.05	ONE-WAY START	N/A	N/A
0.11	0.11	INTERSECTION	L	ROUTE 0206CAZ (OHANA CAMPGROUND LOOP C BISECTOR)
0.20	0.20	INTERSECTION	L	ROUTE 0206CAZ (OHANA CAMPGROUND LOOP C BISECTOR)
0.25	0.25	INTERSECTION	L	ROUTE 0206AZ (OHANA CAMPGROUND LOOP A)
0.25	0.25	ONE-WAY END	N/A	N/A
0.25	0.25	INTERSECTION	R	ROUTE 0206AZ (OHANA CAMPGROUND LOOP A)

MORA: Route Milepost Log

ROUTE 0206DZ: OHANA CAMPGROUND LOOP D

Road logs are verified in Cycle 6 and mileposts for this route are matched to GPS collected in Cycle 4.

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.00	0.00	ONE-WAY START	N/A	N/A
0.00	0.00	INTERSECTION	R	ROUTE 0206 (OHANA CAMPGROUND ENTRANCE ROAD)
0.00	0.00	INTERSECTION	L	ROUTE 0206 (OHANA CAMPGROUND ENTRANCE ROAD)
0.15	0.15	INTERSECTION	L	ROUTE 0206FZ (OHANA CAMPGROUND LOOP F)
0.15	0.15	ONE-WAY END	N/A	N/A
0.15	0.15	INTERSECTION	R	ROUTE 0206FZ (OHANA CAMPGROUND LOOP F)

MORA: Route Milepost Log

ROUTE 0206EZ: OHANA CAMPGROUND LOOP E

Road logs are verified in Cycle 6 and mileposts for this route are matched to GPS collected in Cycle 4.

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.00	0.00	ONE-WAY START	N/A	N/A
0.00	0.00	INTERSECTION	R	ROUTE 0206 (OHANA CAMPGROUND ENTRANCE ROAD)
0.00	0.00	INTERSECTION	L	ROUTE 0206 (OHANA CAMPGROUND ENTRANCE ROAD)
0.23	0.23	INTERSECTION	R	ROUTE 0206 (OHANA CAMPGROUND ENTRANCE ROAD)
0.23	0.23	ONE-WAY END	N/A	N/A
0.23	0.23	INTERSECTION	L	ROUTE 0206 (OHANA CAMPGROUND ENTRANCE ROAD)

MORA: Route Milepost Log

ROUTE 0206FZ: OHANA CAMPGROUND LOOP F

Road logs are verified in Cycle 6 and mileposts for this route are matched to GPS collected in Cycle 4.

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.00	0.00	INTERSECTION	N/A	ROUTE 0206EZ (OHANA CAMPGROUND LOOP E)
0.00	0.00	INTERSECTION	R	ROUTE 0206 (OHANA CAMPGROUND ENTRANCE ROAD)
0.00	0.00	INTERSECTION	L	ROUTE 0206 (OHANA CAMPGROUND ENTRANCE ROAD)
0.02	0.02	INTERSECTION	L	ROUTE 0206DZ (OHANA CAMPGROUND LOOP D)
0.11	0.11	INTERSECTION	L	ROUTE 0206FZ (OHANA CAMPGROUND LOOP F)
0.11	0.11	ONE-WAY START	N/A	N/A
0.25	0.25	ONE-WAY END	N/A	N/A
0.25	0.25	INTERSECTION	R	ROUTE 0206FZ (OHANA CAMPGROUND LOOP F)
0.25	0.25	INTERSECTION	L	ROUTE 0206FZ (OHANA CAMPGROUND LOOP F)

MORA: Route Milepost Log

ROUTE 0206GZ: OHANA CAMPGROUND LOOP G

Road logs are verified in Cycle 6 and mileposts for this route are matched to GPS collected in Cycle 4.

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.00	0.00	INTERSECTION	N/A	ROUTE 0206 (OHANA CAMPGROUND ENTRANCE ROAD)
0.09	0.09	ONE-WAY START	N/A	N/A
0.09	0.09	INTERSECTION	L	ROUTE 0206GZ (OHANA CAMPGROUND LOOP G)
0.31	0.31	INTERSECTION	R	ROUTE 0206GZ (OHANA CAMPGROUND LOOP G)
0.31	0.31	ONE-WAY END	N/A	N/A
0.31	0.31	INTERSECTION	L	ROUTE 0206GZ (OHANA CAMPGROUND LOOP G)

MORA: Route Milepost Log

ROUTE 0206HZ: OHANA CAMPGROUND LOOP H

Road logs are verified in Cycle 6 and mileposts for this route are matched to GPS collected in Cycle 4.

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.00	0.00	INTERSECTION	L	ROUTE 0206 (OHANA CAMPGROUND ENTRANCE ROAD)
0.00	0.00	INTERSECTION	R	ROUTE 0206 (OHANA CAMPGROUND ENTRANCE ROAD)
0.00	0.00	ONE-WAY START	N/A	N/A
0.16	0.16	INTERSECTION	R	ROUTE 0206 (OHANA CAMPGROUND ENTRANCE ROAD)
0.16	0.16	ONE-WAY END	N/A	N/A
0.16	0.16	INTERSECTION	L	ROUTE 0206 (OHANA CAMPGROUND ENTRANCE ROAD)

MORA: Route Milepost Log

ROUTE 0209: SUNRISE PICNIC AREA ROAD

Road logs are verified in Cycle 6 and mileposts for this route are matched to GPS collected in Cycle 4.

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.00	0.00	INTERSECTION	N/A	ROUTE 0935 (SUNRISE LODGE PARKING)
0.01	0.01	ONE-WAY START	N/A	N/A
0.01	0.01	INTERSECTION	L	ROUTE 0209 (SUNRISE PICNIC AREA ROAD)
0.37	0.37	INTERSECTION	L	ROUTE 0209 (SUNRISE PICNIC AREA ROAD)
0.38	0.38	INTERSECTION	R	ROUTE 0935 (SUNRISE LODGE PARKING)
0.38	0.38	ONE-WAY END	N/A	N/A

MORA: Route Milepost Log

ROUTE 0210: OHANA RANGER STATION ENTRANCE ROAD

Road logs are verified in Cycle 6 and mileposts for this route are matched to GPS collected in Cycle 6.

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.00	0.00	INTERSECTION	L	ROUTE 0206 (OHANA CAMPGROUND ENTRANCE ROAD)
0.00	0.00	INTERSECTION	R	ROUTE 0206 (OHANA CAMPGROUND ENTRANCE ROAD)
0.04	0.04	INTERSECTION	L	ROUTE 0210 (OHANA RANGER STATION ENTRANCE ROAD)
0.10	0.10	INTERSECTION	L	ROUTE 0927AZ (OHANA RANGER STATION PARKING A)
0.21	0.21	INTERSECTION	L	ROUTE 0927BZ (OHANA RANGER STATION PARKING B)
0.38	0.38	INTERSECTION	L	ROUTE 0210 (OHANA RANGER STATION ENTRANCE ROAD)
0.38	0.38	INTERSECTION	N/A	ROUTE 0210 (OHANA RANGER STATION ENTRANCE ROAD)

MORA: Route Milepost Log

ROUTE 0211: COUGAR ROCK PICNIC AREA ROAD

Road logs are verified in Cycle 6 and mileposts for this route are matched to GPS collected in Cycle 4.

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.00	0.00	INTERSECTION	L	ROUTE 0014 (STATE ROUTE 706 (NISQUALLY ROAD))
0.00	0.00	INTERSECTION	N/A	ROUTE 0205 (COUGAR ROCK CAMPGROUND ENTRANCE ROAD)
0.00	0.00	INTERSECTION	R	ROUTE 0014 (STATE ROUTE 706 (NISQUALLY ROAD))
0.05	0.05	INTERSECTION	R	ROUTE 0907AZ (COUGAR ROCK PICNIC AREA PARKING A)
0.08	0.08	INTERSECTION	R	ROUTE 0907BZ (COUGAR ROCK PICNIC AREA PARKING B)
0.08	0.08	INTERSECTION	L	ROUTE 0907CZ (COUGAR ROCK PICNIC AREA PARKING C)
0.11	0.11	INTERSECTION	R	ROUTE 0907DZ (COUGAR ROCK PICNIC AREA PARKING D)
0.14	0.14	INTERSECTION	L	ROUTE 0907FZ (COUGAR ROCK PICNIC AREA PARKING F)
0.15	0.15	INTERSECTION	R	ROUTE 0907EZ (COUGAR ROCK PICNIC AREA PARKING E)
0.18	0.18	INTERSECTION	R	ROUTE 0907GZ (COUGAR ROCK PICNIC AREA PARKING G)
0.21	0.21	INTERSECTION	R	ROUTE 0907HZ (COUGAR ROCK PICNIC AREA PARKING H)
0.21	0.21	INTERSECTION	L	ROUTE 0907IZ (COUGAR ROCK PICNIC AREA PARKING I)
0.22	0.22	INTERSECTION	L	ROUTE 0211 (COUGAR ROCK PICNIC AREA ROAD)
0.22	0.22	ONE-WAY START	N/A	N/A
0.29	0.29	INTERSECTION	N/A	ROUTE 0211 (COUGAR ROCK PICNIC AREA ROAD)
0.29	0.29	ONE-WAY END	N/A	N/A

MORA: Route Milepost Log

ROUTE 0400: TAHOMA WOODS ADMIN ENTRANCE ROAD

Road logs are verified in Cycle 6 and mileposts for this route are matched to GPS collected in Cycle 4.

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.00	0.00	INTERSECTION	R	PAVED ROUTE (STATE ROUTE 0706 (NISQUALLY ROAD) / NON NPS)
0.00	0.00	INTERSECTION	L	PAVED ROUTE (STATE ROUTE 0706 (NISQUALLY ROAD) / NON NPS)
0.07	0.07	INTERSECTION	R	ROUTE 0401Z (TAHOMA WOODS RESIDENTIAL ROAD)
0.11	0.11	INTERSECTION	L	ROUTE 0936AZ (TAHOMA WOODS ADMIN BUILDING PARKING A)
0.15	0.15	INTERSECTION	L	ROUTE 0936AZ (TAHOMA WOODS ADMIN BUILDING PARKING A)
0.24	0.24	INTERSECTION	L	ROUTE 0936BZ (TAHOMA WOODS ADMIN BUILDING PARKING B)
0.31	0.31	INTERSECTION	L	ROUTE 0936BZ (TAHOMA WOODS ADMIN BUILDING PARKING B)
0.32	0.32	INTERSECTION	N/A	DEAD END

MORA: Route Milepost Log

ROUTE 0401AZ: TAHOMA WOODS RESIDENTIAL ROAD BISECTOR

Road logs are verified in Cycle 6 and mileposts for this route are matched to GPS collected in Cycle 4.

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.00	0.00	INTERSECTION	R	ROUTE 0401Z (TAHOMA WOODS RESIDENTIAL ROAD)
0.00	0.00	INTERSECTION	L	ROUTE 0401Z (TAHOMA WOODS RESIDENTIAL ROAD)
0.04	0.04	INTERSECTION	L	ROUTE 0401Z (TAHOMA WOODS RESIDENTIAL ROAD)
0.04	0.04	INTERSECTION	R	ROUTE 0401Z (TAHOMA WOODS RESIDENTIAL ROAD)

MORA: Route Milepost Log

ROUTE 0401Z: TAHOMA WOODS RESIDENTIAL ROAD

Road logs are verified in Cycle 6 and mileposts for this route are matched to GPS collected in Cycle 4.

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.00	0.00	INTERSECTION	L	ROUTE 0400 (TAHOMA WOODS ADMIN ENTRANCE ROAD)
0.00	0.00	INTERSECTION	R	ROUTE 0400 (TAHOMA WOODS ADMIN ENTRANCE ROAD)
0.11	0.11	INTERSECTION	L	ROUTE 0401Z (TAHOMA WOODS RESIDENTIAL ROAD)
0.17	0.17	INTERSECTION	R	UNPAVED ROUTE (PROPANE TANK ACCESS)
0.23	0.23	INTERSECTION	L	ROUTE 0401AZ (TAHOMA WOODS RESIDENTIAL ROAD BISECTOR)
0.57	0.57	INTERSECTION	L	ROUTE 0401AZ (TAHOMA WOODS RESIDENTIAL ROAD BISECTOR)
0.73	0.73	INTERSECTION	R	ROUTE 0900 (TAHOMA WOODS RESIDENTIAL PARKING)
0.77	0.77	INTERSECTION	R	ROUTE 0401Z (TAHOMA WOODS RESIDENTIAL ROAD)
0.77	0.77	INTERSECTION	L	ROUTE 0401Z (TAHOMA WOODS RESIDENTIAL ROAD)

MORA: Route Milepost Log

ROUTE 0403Z: TAHOMA WOODS WASTE WATER SERVICE ROAD

Road logs are verified in Cycle 6 and mileposts for this route are matched to GPS collected in Cycle 4.

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.00	0.00	INTERSECTION	R	PAVED ROUTE (STATE ROUTE 0706 (NISQUALLY ROAD) / NON NPS)
0.00	0.00	INTERSECTION	L	PAVED ROUTE (STATE ROUTE 0706 (NISQUALLY ROAD) / NON NPS)
0.00	0.00	INTERSECTION	N/A	ROUTE 0400 (TAHOMA WOODS ADMIN ENTRANCE ROAD)
0.04	0.04	INTERSECTION	R	ROUTE 0403AZ (TAHOMA WOODS WASTE WATER SERVICE AREA A)
0.04	0.04	INTERSECTION	N/A	ROUTE 0403Z (TAHOMA WOODS WASTE WATER SERVICE AREA A) UNPAVED

MORA: Route Milepost Log

ROUTE 0404AZ: LONGMIRE WATER TREATMENT ROAD

Road logs are verified in Cycle 6 and mileposts for this route are matched to GPS collected in Cycle 6.

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.00	0.00	INTERSECTION	R	ROUTE 0100 (LONGMIRE SOUTH BACK GATE ROAD)
0.00	0.00	INTERSECTION	L	ROUTE 0100 (LONGMIRE SOUTH BACK GATE ROAD)
0.07	0.07	INTERSECTION	R	ROUTE 0404AZ (LONGMIRE WATER TREATMENT ROAD)
0.08	0.08	INTERSECTION	L	PAVED CUT-THRU
0.11	0.11	INTERSECTION	L	PAVED CUT-THRU
0.13	0.13	INTERSECTION	L	ROUTE 0404BZ (LONGMIRE WATER TREATMENT CUT THROUGH)
0.22	0.22	INTERSECTION	L	ROUTE 0404BZ (LONGMIRE WATER TREATMENT CUT THROUGH)
0.24	0.24	INTERSECTION	L	PAVED CUT-THRU
0.26	0.26	INTERSECTION	R	ROUTE 0404AZ (LONGMIRE WATER TREATMENT ROAD)
0.26	0.26	INTERSECTION	L	ROUTE 0404AZ (LONGMIRE WATER TREATMENT ROAD)

MORA: Route Milepost Log

ROUTE 0405: KAUTZ HELIBASE ACCESS ROAD

Road logs are verified in Cycle 6 and mileposts for this route are matched to GPS collected in Cycle 4.

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.00	0.00	INTERSECTION	R	ROUTE 0014 (STATE ROUTE 706 (NISQUALLY ROAD))
0.00	0.00	INTERSECTION	L	ROUTE 0014 (STATE ROUTE 706 (NISQUALLY ROAD))
0.18	0.18	INTERSECTION	R	UNPAVED PARKING
0.33	0.33	INTERSECTION	L	UNPAVED ROUTE
0.33	0.33	INTERSECTION	R	UNPAVED ROUTE
0.36	0.36	INTERSECTION	N/A	ROUTE 0405 (KAUTZ HELIBASE ACCESS ROAD) UNPAVED SECTION

MORA: Route Milepost Log

ROUTE 0406: ROAD SERVICE (OHANA WASTE WATER TREATMENT)

Road logs are verified in Cycle 6 and mileposts for this route are matched to GPS collected in Cycle 6.

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.00	0.00	INTERSECTION	L	ROUTE 0010 (STATE ROUTE 123 (EAST SIDE HIGHWAY))
0.00	0.00	INTERSECTION	R	ROUTE 0010 (STATE ROUTE 123 (EAST SIDE HIGHWAY))
0.24	0.24	INTERSECTION	R	UNPAVED ROUTE
0.29	0.29	INTERSECTION	N/A	UNPAVED ROUTE
0.29	0.29	INTERSECTION	N/A	ROUTE 0406 (ROAD SERVICE (OHANA WASTE WATER TREATMENT)) UNPAVED SECTION

MORA: Route Milepost Log

ROUTE 0408AZ: LONGMIRE RESIDENTIAL ROAD A

Road logs are verified in Cycle 6 and mileposts for this route are matched to GPS collected in Cycle 6.

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.00	0.00	INTERSECTION	R	ROUTE 0100 (LONGMIRE SOUTH BACK GATE ROAD)
0.00	0.00	INTERSECTION	L	ROUTE 0100 (LONGMIRE SOUTH BACK GATE ROAD)
0.00	0.00	INTERSECTION	N/A	ROUTE 0905 (LONGMIRE MAINTENANCE AREA #2 PARKING)
0.06	0.06	INTERSECTION	R	ROUTE 0408BZ (LONGMIRE RESIDENTIAL ROAD B)
0.13	0.13	INTERSECTION	R	ROUTE 0408CZ (LONGMIRE RESIDENTIAL ROAD C)
0.16	0.16	INTERSECTION	R	ROUTE 0904EZ (LONGMIRE RESIDENCE AREA #1 PARKING E)
0.16	0.16	INTERSECTION	L	ROUTE 0904FZ (LONGMIRE RESIDENCE AREA #1 PARKING F)
0.18	0.18	INTERSECTION	L	ROUTE 0100 (LONGMIRE SOUTH BACK GATE ROAD)
0.18	0.18	INTERSECTION	R	ROUTE 0100 (LONGMIRE SOUTH BACK GATE ROAD)

MORA: Route Milepost Log

ROUTE 0408BZ: LONGMIRE RESIDENTIAL ROAD B

Road logs are verified in Cycle 6 and mileposts for this route are matched to GPS collected in Cycle 6.

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.00	0.00	INTERSECTION	L	ROUTE 0408AZ (LONGMIRE RESIDENTIAL ROAD A)
0.00	0.00	INTERSECTION	R	ROUTE 0408AZ (LONGMIRE RESIDENTIAL ROAD A)
0.08	0.08	INTERSECTION	L	ROUTE 0408AZ (LONGMIRE RESIDENTIAL ROAD A)
0.08	0.08	INTERSECTION	R	ROUTE 0408AZ (LONGMIRE RESIDENTIAL ROAD A)

MORA: Route Milepost Log

ROUTE 0408CZ: LONGMIRE RESIDENTIAL ROAD C

Road logs are verified in Cycle 6 and mileposts for this route are matched to GPS collected in Cycle 6.

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.00	0.00	INTERSECTION	L	ROUTE 0408AZ (LONGMIRE RESIDENTIAL ROAD A)
0.00	0.00	INTERSECTION	R	ROUTE 0408AZ (LONGMIRE RESIDENTIAL ROAD A)
0.03	0.03	INTERSECTION	R	ROUTE 0408BZ (LONGMIRE RESIDENTIAL ROAD B)
0.15	0.15	INTERSECTION	N/A	DEAD END

MORA: Route Milepost Log

ROUTE 0409AZ: LONGMIRE CAMPGROUND LOOP A

Road logs are verified in Cycle 6 and mileposts for this route are matched to GPS collected in Cycle 6.

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.00	0.00	INTERSECTION	R	ROUTE 0100 (LONGMIRE SOUTH BACK GATE ROAD)
0.00	0.00	ONE-WAY START	N/A	N/A
0.00	0.00	INTERSECTION	L	ROUTE 0100 (LONGMIRE SOUTH BACK GATE ROAD)
0.20	0.20	INTERSECTION	L	ROUTE 0100 (LONGMIRE SOUTH BACK GATE ROAD)
0.20	0.20	INTERSECTION	R	ROUTE 0100 (LONGMIRE SOUTH BACK GATE ROAD)
0.20	0.20	INTERSECTION	N/A	ROUTE 0409BZ (LONGMIRE CAMPGROUND LOOP B)
0.20	0.20	ONE-WAY END	N/A	N/A

MORA: Route Milepost Log

ROUTE 0409BZ: LONGMIRE CAMPGROUND LOOP B

Road logs are verified in Cycle 6 and mileposts for this route are matched to GPS collected in Cycle 6.

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.00	0.00	ONE-WAY START	N/A	N/A
0.00	0.00	INTERSECTION	N/A	ROUTE 0409AZ (LONGMIRE CAMPGROUND LOOP A)
0.00	0.00	INTERSECTION	L	ROUTE 0100 (LONGMIRE SOUTH BACK GATE ROAD)
0.00	0.00	INTERSECTION	R	ROUTE 0100 (LONGMIRE SOUTH BACK GATE ROAD)
0.37	0.37	INTERSECTION	L	ROUTE 0409CZ (LONGMIRE CAMPGROUND LOOP C)
0.39	0.39	INTERSECTION	L	ROUTE 0100 (LONGMIRE SOUTH BACK GATE ROAD)
0.39	0.39	INTERSECTION	R	ROUTE 0100 (LONGMIRE SOUTH BACK GATE ROAD)
0.39	0.39	ONE-WAY END	N/A	N/A

MORA: Route Milepost Log

ROUTE 0409CZ: LONGMIRE CAMPGROUND LOOP C

Road logs are verified in Cycle 6 and mileposts for this route are matched to GPS collected in Cycle 6.

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.00	0.00	ONE-WAY START	N/A	N/A
0.00	0.00	INTERSECTION	L	ROUTE 0100 (LONGMIRE SOUTH BACK GATE ROAD)
0.00	0.00	INTERSECTION	R	ROUTE 0100 (LONGMIRE SOUTH BACK GATE ROAD)
0.12	0.12	INTERSECTION	N/A	ROUTE 0409BZ (LONGMIRE CAMPGROUND LOOP B)
0.12	0.12	INTERSECTION	R	ROUTE 0409BZ (LONGMIRE CAMPGROUND LOOP B)
0.12	0.12	ONE-WAY END	N/A	N/A

MORA: Route Milepost Log

ROUTE 0500: VALLEY ROAD

Road logs are verified in Cycle 6 and mileposts for this route are matched to GPS collected in Cycle 4.

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.00	0.00	ONE-WAY START	N/A	N/A
0.00	0.00	INTERSECTION	N/A	ROUTE 0916 (PARADISE PARKING (UPPER LOT))
0.41	0.42	BRIDGE	N/A	9450-017 (EDITH CREEK BRIDGE)
0.61	0.63	BRIDGE	N/A	9450-018 (FOURTH CROSSING PARADISE RIVER)
0.66	0.66	INTERSECTION	R	ROUTE 0917AZ (FOURTH CROSSING PARKING A)
0.70	0.70	INTERSECTION	L	ROUTE 0917BZ (FOURTH CROSSING PARKING B)
1.84	1.84	INTERSECTION	R	ROUTE 0918 (LAKES TRAIL PARKING)
2.20	2.20	INTERSECTION	L	ROUTE 0013 (STEVENS CANYON ROAD)
2.20	2.20	INTERSECTION	R	ROUTE 0013 (STEVENS CANYON ROAD)
2.20	2.20	ONE-WAY END	N/A	N/A

Section 8 Appendix



Mount Rainier National Park



Federal Lands Highway
Road Inventory Program

Improvements to the RIP Index Equations and Determination of PCR

In 2005, the Federal Highway Administration (FHWA) began implementing the use of a Pavement Management System (PMS) to assist the National Park Service (NPS) in prioritizing Pavement Maintenance and Rehabilitation activities. The PMS used by FHWA is the Highway Pavement Management Application (HPMA) which has the ability to store inventory and condition data from the Road Inventory Program (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 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 RIP 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.

Additionally, methodologies were updated in 2013 for Manually Rated Routes (paved routes that the collection vehicle is unable to drive) as well as Parking Areas to provide more accurate condition data to the HPMA. These updated methodologies allow for the efficient assessment of pavement conditions using a visual inspection method to denote specific distresses. These distresses are indicative of current conditions, the causes for current and future deterioration, and identify the level of targeted repair and rehabilitation practices required.

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 in early 2014 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.

Description of the Rating System

The Federal Highway Administration, National Park Service Road Inventory Program (NPS-RIP), 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) and manually using Manually Rated Route (MRR) procedures. 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 a network of roughly 5,700 miles of National Park Service roads and parkways. Because a subset of roads will be collected multiple times this cycle, the total collection length will be around 13,000 miles. 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 6, 2014-2020*” 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.

Cycle 6 has launched in the spring of 2014 and will again comprise all parks, large and small, that are served by paved roads and/or parking areas. For Cycle 6, roughly 333 large and small parks will have all paved routes and parking areas collected at least once in the cycle, some will have multiple collections depending on the size of the park and the functional class of the route.

This “*Distress Identification Manual for the NPS Road Inventory Program, Cycle 6, 2014-2020*” 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 6.

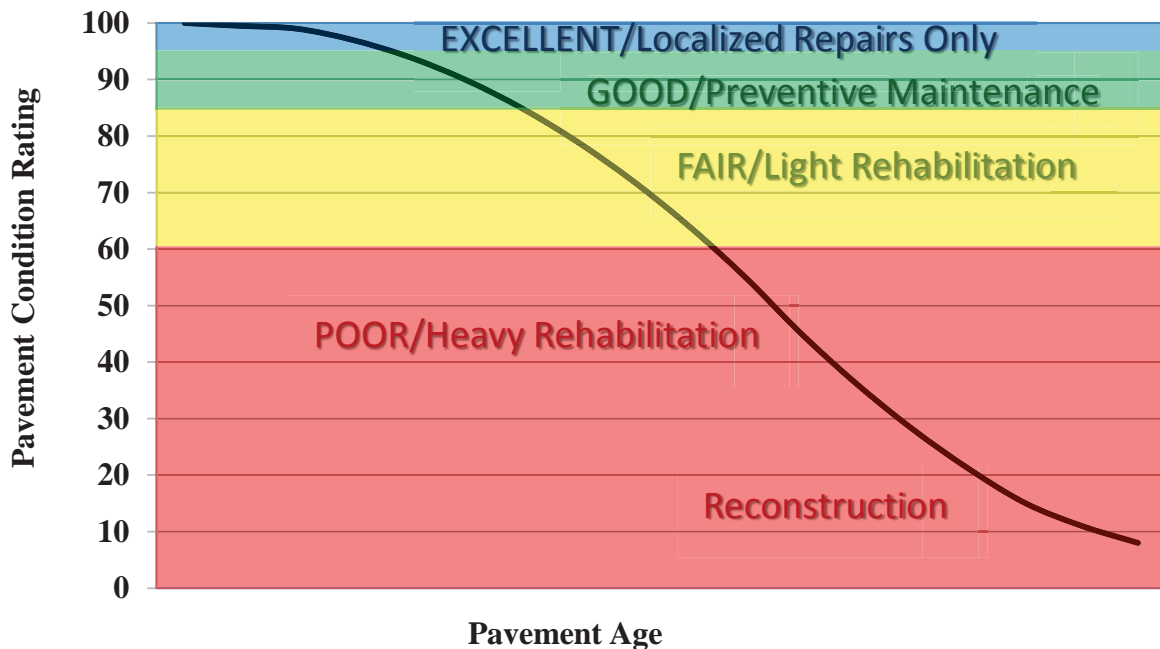
Explanation of the Condition Descriptions

In addition to the RIP Index changes that were 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 PMS data from our (HPMA) please contact the Eastern Federal Lands pavement team.

Condition Categories and Treatments



Description of Pavement Treatment Types

1. **Preventive Maintenance** is a planned strategy of cost-effective treatments to an existing roadway system and its appurtenances that preserves the system, retards future deterioration, and maintains or improves the functional condition of the system (without significantly increasing the structural capacity). Preventive maintenance is typically applied to pavements in good condition having significant remaining service life. As a major component of pavement preservation, preventive maintenance is a strategy of extending the service life by applying cost-effective treatments to the surface or near-surface of structurally sound pavements. Examples of preventive treatments include asphalt crack sealing, chip sealing, slurry or micro-surfacing, thin and ultra-thin hot-mix asphalt overlay, concrete joint sealing, diamond grinding, dowel-bar retrofit, and isolated, partial and/or full-depth concrete repairs to restore functionality of individual slabs.
2. Pavement Rehabilitation consists of structural enhancements that extend the service life of an existing pavement and/or improve its load carrying capacity. Rehabilitation techniques include restoration treatments and structural overlays. Rehabilitation projects extend the life of existing pavement structures either by restoring existing structural capacity through the elimination of age-related, environmental cracking of embrittled pavement surface or by increasing pavement thickness to strengthen existing pavement sections to accommodate existing or projected traffic loading conditions. Two sub-categories result from these distinctions, which are directly related to the restoration or increase of structural capacity.
 - **Light Rehabilitation (L3R)** - Examples include single-lift overlays up to 2.5 inches in total thickness and milling and overlays for flexible pavements
 - **Heavy Rehabilitation (H3R)** – Requires rehabilitation with grade improvement. H3R stands for resurfacing, restoration, and rehabilitation projects. H3R projects typically involve multi-depth (overlays greater than 2.5 inches) pavement improvement work (short of full-depth replacement) and targeted safety improvements. H3R projects generally involve retention of the existing three-dimensional alignment.
3. **Reconstruction (4R)** is defined as the replacement of the entire existing pavement structure by the placement of the equivalent or increased pavement structure. Reconstruction usually requires the complete removal and replacement of the existing pavement structure. Reconstruction may utilize either new or recycled materials incorporated into the materials used for the reconstruction of the complete pavement section. Reconstruction is required when a pavement has either failed or has become functionally obsolete.

Appendix A

Methodology for Determining Condition Ratings with the Data Collection Vehicle (DCV)

Surface Distresses Identified by the Data Collection Vehicle

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 and rutting are determined from digital images that provide both the longitudinal and transverse profile. The images also provide an elevation profile of the road, creating a 3-dimensional image of the paved surface.

- Transverse Cracks
- Longitudinal Cracks
- Alligator Cracks
- Patching/Potholes
- 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 Surface Condition Rating (SCR).

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:

$$\text{Asphalt PCR} = (0.60 * \text{SCR}) + (0.40 * \text{RCI})$$

$$\text{Concrete PCR} = \text{RCI}$$

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

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 mile interval before it reaches MAE and fails.

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

POOR = (less than or equal to 60), **FAIR**= (61 – 84), **GOOD**= (85 - 94), **EXCELLENT**= (95 - 100)

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

Note: *As a result of a unique combination of measured surface distresses and IRI, index values occasionally compute to less than 0 or greater than 100. In this instance, an index value less than 0 defaults to 0. Index values greater than 100 defaults 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.

ASPHALT-SURFACED PAVEMENT DISTRESS TYPES WITH RUTTING AND ROUGHNESS				
Distress Type	Units Of Measure	Converted To	Defined Severity Levels?	Measured By
Alligator Cracking	Square Feet	Percent of Lane Per 0.02 Mile	Yes	3 Dimensional pavement imaging system
Transverse Cracking	Linear feet	Number of Cracks Per 0.02 Mile	Yes	3 Dimensional pavement imaging system
Longitudinal Cracking	Linear feet	Percent of Lane Length Per 0.02 Mile	Yes	3 Dimensional pavement imaging system
Patching / Potholes	Square Feet	Percent of Lane Per 0.02 Mile	No	3 Dimensional pavement imaging system
Rutting	Inches	Rut Depth Per 0.02 Mile	Yes	3 Dimensional pavement imaging system
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*

Table 1. Distress summary

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 with little to no interconnecting cracks with no visible spalling. Cracks are less than or equal to a mean width of 0.25 in. (6mm). 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 greater than 0.25 in. (6 mm) but less than or equal to 0.75 in. (19 mm) or any crack with a mean width less than or equal to 0.75 in. (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 greater than 0.75 in. (19mm) or any crack with a mean width less than or equal to 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 as shown in Table 2.

ALLIGATOR CRACKING SEVERITY LEVELS				
	CRACK SEVERITY	CRACK PATTERN		
		LOW	MED	HIGH
CRACK WIDTH	LOW	LOW	MED	HIGH
	MED	MED	MED	HIGH
	HIGH	HIGH	HIGH	HIGH

Table 2. Alligator Crack Severity Levels

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 less than or equal to 0.25 in. (6 mm). This also includes sealed cracks with sealant in good condition and a width that cannot be determined.

MEDIUM

Cracks with a mean width greater than 0.25 in. (6 mm) but less than 0.75 in. (19 mm). Also, any crack with a mean width less than 0.75 in. (19 mm) and adjacent random low severity cracking.

HIGH

Cracks with a mean width greater than 0.75 in. (19 mm). Also, any crack with a mean width less than 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 less than or equal to 0.25 in. (6 mm). Sealed cracks with sealant in good condition and a width that cannot be determined.

MEDIUM

Cracks with a mean width greater 0.25 in. (6 mm) and less than or equal to 0.75 in. (19 mm). Also, any crack with a mean width less than 0.75 in. (19 mm) and adjacent random low severity cracking.

HIGH

Cracks with a mean width greater than 0.75 in. (19 mm). Also, any crack with a mean width less than 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 0.100 mi. (0.161 km). (Any full-lane patch exceeding 0.100 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.

Manhole covers should not be rated as patches unless there is obvious patching around the manhole.

Speed bumps should not be rated as patches

Severity Levels:

There are no stratified severities for Patching and 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 of 0.20 inches to 0.49 inches
Ruts less than 0.20 in. are not included in the distress calculations.

MEDIUM

Ruts with a measured depth of 0.50 inches to 0.99 inches

HIGH

Ruts with a measured depth greater than 1.00 inch

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.

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

Table 3. International Roughness Index

Roughness Collection Parameters

On shorter roads with a lower speed limit the usefulness in collecting and reporting IRI is negligible. Lower, inconsistent speeds can lead to a less accurate IRI value. Therefore RIP has put in place the following protocols for reporting IRI.

International Roughness Index (IRI) is not reported on routes with the following criteria:

- Posted speed limit is less than 25 mph
- Length of route is less than 0.50 miles

When a collected route has a posted speed limit of at least 25 mph and length of at least 0.50 miles, IRI will be collected except on road sections where the speed is less than 20 mph

Other situations may arise where the speed and length factors are met, but reporting IRI could lead to an inaccurate PCR. RIP will determine whether or not it is reasonable to report IRI on these routes on a case by case basis.

Index Formulas

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

Alligator Crack Index

$$\text{AC_INDEX} = 100 - 40 * [(\% \text{LOW} / 35) + (\% \text{MED} / 15) + (\% \text{HI} / 5)]$$

Where:

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

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

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

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

Percent of total area is computed as:

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

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

$$\text{LC_INDEX} = 100 - 40 * [(\% \text{LOW} / 175) + (\% \text{MED} / 75) + (\% \text{HI} / 25)]$$

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 greater than or equal to 0 and can exceed 100.

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

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

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

Percent of interval length is computed as:

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

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 longitudinal 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 greater than or equal to 0.

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

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

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

Number of cracks is computed as:

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

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

Patching Index

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

Where:

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

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

Percent of total area is computed as:

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

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

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

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

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 report the percentage of the 40 measurements within that 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 wheel path based on 20 ruts.

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

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

In RUT_INDEX, the denominators 535, 205, and 40 are the Maximum Allowable Extents for each severity; Low, Medium, and High, respectively. Only the MAE for high severity rutting can fail a section, since 200% of *only* low severity ruts would yield a rut index of 85 and 200% of *only* medium severity ruts would yield a rut index of 61.

Roughness Condition Index (Asphalt)

$$\text{RCI} = 32 * [5 * (2.718282^{(-.0041 * \text{AVG IRI}))}]$$

Where:

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

Average IRI is computed as:

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

There is no applicable threshold for failure for this index.

Roughness Condition Index (Concrete)

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

For concrete, PCR = RCI

Surface Condition Rating Index

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

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

Where:

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

The threshold for failure for this index is SCR = 60. Data Collection Vehicle Subsystems

Data on paved roads is collected by FHWA using a Pathway Services Inc. Data Collection Vehicle (DCV), called a 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 jpeg digital imagery files at a frequency of every 26.4feet.

Two forward-facing cameras are mounted above the vehicle cab, one pointed straight ahead and the other to the right shoulder providing seamless roughly 120 degree viewing. A third camera is mounted in the rear of the vehicle, recording the left shoulder.

CAMERA SPECIFICATIONS TWO FORWARD / ONE REAR FACING CAMERA	
Camera lens/type	Prosilica GT 2750 (GigE Technology)
Image format	*.jpg
Image resolution	2750 x 2200, 18 frames/second
Image pixel size	depends on distance
Zoom ratio	16mm Fixed
Iris range	Aperture Range F 1.8 – Infinity (P-Iris, Automatic)

Pavement Imaging and Rutting

High resolution rutting data and surface imaging are collected in a single data stream using a three-dimensional (3D) pavement surface transverse profile data acquisition system. The 3D camera captures a laser line as it is projected over the pavement surface and uses the location of this line to measure the height deviations of the pavement surface. These height deviations can be used to calculate rutting in both wheelpaths. These deviations also provide a grayscale image detailing the change in height throughout the surface, i.e. providing depth measurements for cracking.

THREE-DIMENSIONAL PAVEMENT SURFACE AND TRANSVERSE PROFILE DATA ACQUISITION SYSTEM	
Surface Image Specifications	
Image size	1536 pixels/scan @ 3000 Hz
Image width	4 meters (3950 mm nominal)
Laser class	3B
Power	16W (Two lasers @ 8W Ea)
Vehicle speed limitations	62 mph
Environment	Dry pavement, day or night
Sensor size (approximate)	1536 pixels x 512 pixels
Image display length	26.4 feet
Rutting Specifications	
Reported rut depth units	Inches
Vehicle speed limitations	Up to 62 mph
Sampling rate	3000 profiles/second
Transverse resolution	1536 points/profile
Transverse field-of-view	14 feet
Depth accuracy (nominal)	<1mm
Environment	Dry pavement, day or night, above 32 degrees F
Adherence to specifications	ASTM E1703M-95 (reapproved 2005)

Distance Measuring Instrument (DMI)

The DMI (Distance Measuring Instrument) obtains road length measurements that are accurate to 0.15% 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)

IRI SPECIFICATIONS	
Reported IRI units	Inches/mile
Vehicle speed limitations	12-62 mph
IRI equipment certification	Texas Transportation Institute (TTI)
Wavelengths accommodated	0.5 feet to 300 feet
IRI computed & reported	World Bank Technical Paper Number 46
Environment	Dry pavement, day or night, above 32 degrees
Adherence to specifications	ASTM E950 Class 1 & AASHTO M 328

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.

GPS & Inertial Systems

GPS is collected by an onboard system employing Omnistar real time correction and a spinning gyroscope to provide accurate positioning data in instances of satellite obstruction. All GPS coordinates are tied to an 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	± 1.75%
Grade	± 1.75%
Adherence to specifications	ASTM E1703M-95 (reapproved 2005)

*NOTE – GPS accuracy is dependent on many different factors. Satellite constellation, tree coverage, GPS receiver quality, and real-time correction availability can all affect the locational and elevation accuracies. The elevation (z coordinate) accuracy is less dependable than locational or horizontal accuracy (x/y coordinates or latitude/longitude). In areas of heavy tree coverage or poor satellite constellations, elevation data can vary by as much as +/- 100 feet.

Appendix B

**Methodology for Determining Condition Ratings
Using Manual Rating Procedures**

Description of Manual Rating Methods

In 2013, the Federal Highway Administration updated existing Manual Rating Procedures in an effort to better align pavement conditions for Manually Rated Routes and Parking with the Highway Pavement Management Application (HPMA). HPMA is the Pavement Management System used by the FHWA to store inventory and condition data from the Road Inventory Program (RIP) and forecast future performance using prediction models. HPMA uses pavement condition data (collected by the Road Inventory Program) to develop life cycles for pavements and recommend treatments to maximize useable pavement life while minimizing costs associated with maintenance and repair.

The Federal Highway Administration (FHWA) developed a set of manual rating methods for pavement that are appropriate for Federal Roadways. Two different methods were developed for linear roads and a separate method was developed for parking areas and nonlinear roads. These methods employ a 0 to 100 rating scale and improve consistency and objectivity in the manual evaluation of surface distresses. They are compatible with ratings that are collected by the automated Data Collection Vehicle (DCV).

- The first of the two manual evaluation methods for roads uses rating criteria to assign index values to each distress type based on a visual evaluation of severity and extent.
- The second manual evaluation method for roads is very time demanding and is best employed on only a select set of routes which may have the highest visitor use and require a more intensive assessment. This method will be used for the Manual Rating of Function Class 1, 2, 7, and 8 Roads. This method is based on measurements that are recorded for each instance of a surface distress. These measurements are converted into index values using conversion formulas.
- Parking areas and non-linear roads are rated similar to the first method shown above, however, there are some slight differences due to the non-linear nature.

The details and criteria used for each of these rating methods are outlined below.

Visual Inspection Method for Manually Rating Secondary Roads

The visual inspection method for manually rated roads uses condition rating criteria that have been developed by FHWA. This criteria is based on a visual evaluation of the severity and extent of distresses to determine the overall condition of the roadway. This method is used for secondary roads that are Functional Class 3, 4, 5, and 6. This constitutes the majority of manually rated roads collected by the Road Inventory Program.

Rating Section Lengths

For this method, Manually Rated Roads are rated in sections. These sections may be made based on length of changes in surface type or condition as described below. The ratings are then aggregated to give an overall rating for the Route:

- Rating sections should be no longer than 0.25 miles in order to keep the area being rated manageable.
- A new rating section may be started based on changes in condition, width, or surface type if these changes represent a significant portion of the route (are not isolated instances).
- If the road condition, width, and surface type remain constant then new sections do not need to be created unless the road exceeds 0.25 miles.

Rating Criteria

For this method, Manually Rated Roads are evaluated using a visual inspection of the six distress types listed below. Each distress is assigned one of five index values. An overall Surface Condition Rating (SCR) and Pavement Condition Rating (PCR) are calculated based on these index values.

- Alligator Cracking
 - Rating based on percentage of road surface affected
- Longitudinal Cracking
 - Rating based on severity level (crack width) and percentage of road section length of longitudinal cracks
- Transverse Cracking
 - Rating based on crack width, crack spacing, and percentage of surface affected
- Patching
 - Rating based on percentage of road surface affected
- Rutting
 - Rating based on percentage of road section length affected by visible rutting (>1 inch depth) that requires remediation
- Roughness
 - Manual assessments of roughness are not made due to the subjectivity of the measurement. Therefore, roughness is not incorporated into the PCR calculation of manually rated roads.

Concrete Routes also receive a PCR rating based on visual evaluation of the following six distress types.

- Slab Faulting at Joints
- Slab Cracking and breakup
- Surface Delamination and Pop-outs
- Joint Distresses
- Patching

Distress Measurement Method for Manually Rating Primary Roads

A more intensive and time demanding assessment than our standard method was developed for Primary roads that are functional class 1, 2, 7, or 8. These high visitation roads are usually accessible by the automated Data Collection Vehicle but in rare instances may need to be manually rated. The method developed is based on measuring each instance of a distress. These measurements are totaled over each section length being measured and are then converted into index values between 0 and 100 (100 being a road with no distress) using index formula equations outlined below. The goal of this method is to produce measured index values which are directly comparable to the automated DCV.

Rating Section Lengths

For the distress measurement method roads are broken into sections in order to rate. Distress measurements are totaled for each section separately in order to determine the index value for that particular section. The section length to be rated is determined based on the following rules:

- Rating sections are between 0.25 and 0.50 miles long
- A new rating section is created if there is a significant change in condition or pavement width
- If there are no significant changes in condition or pavement width, rating sections are broken at equal intervals, typically 0.50 miles

Manual Distress Measurements

Alligator Cracking

- Alligator cracking is measured by area (square feet). Instances of Alligator cracking are measured along the length and multiplied by the average width of the distressed area.
- The index for alligator cracking takes the total area of cracking compared to the interval length and converts it to a percentage. That percentage is then input into an index formula that yields a value between 0 and 100 (0 being the most distressed).
- Severity levels are not defined for manually measured Alligator cracks. The Alligator Crack Index formula is calculated based on an assumption of medium severity.

Longitudinal Cracking

- Longitudinal cracking (cracking in the direction parallel to the roadway) is measured by length (ft.).
- The index for longitudinal cracking takes the total length of cracking compared to the interval length and converts it to a percentage broken down by severity. That percentage is then input into a formula that yields a value between 0 and 100 (0 being the most distressed).
- Two severity levels are defined for manually measured Longitudinal Cracks. Lower severity cracks are those with a mean width of less than 0.25 inches. Sealed cracks with sealant in good condition are also considered lower severity. Higher severity cracks are those with a mean width of greater than 0.25 inches.

Transverse Cracking

- Transverse cracking (cracking in the direction perpendicular to the roadway) is measured by length (ft).
- The index for transverse cracking takes the total number of cracks (1 crack would encompass the full lane) broken down by severity. The total numbers of each severity are then put into a formula that yields a value between 0 and 100 (0 being the most distressed).
- Two severity levels are defined for manually measured Transverse Cracks. Lower severity cracks are those with a mean width of less than or equal to 0.25 inches. Sealed cracks with sealant in

good condition are also considered lower severity. Higher severity cracks are those with a mean width of greater than 0.25 inches.

Patching and Potholes

- Patching and Potholes are measured by area (square feet). Instances of Patching are measured along the length and multiplied by the average width of the patch.
- Instances of full lane width patching cannot be longer than 0.100 miles, otherwise it should be considered a pavement change rather than a distress.
- There are no stratified severities for Patching. It is either present or it is not.

Rutting

- Visible rutting is measured by length (ft.) in each wheel path. Only visible ruts are rated, which are ruts greater than 1 inch deep.
- All rutting recorded in a manual rating is considered to be high severity (> 1 inch). Lesser severities are generally not distinguishable in a visual inspection.

Roughness

- Manual assessments of roughness are not made due to the subjectivity of the measurement. Therefore, roughness is not incorporated into the PCR calculation of manually rated roads.

Index Formulas for Distress Measurement Method:

The method used to convert distress measurements into index values is shown below. The Surface Condition Rating and Pavement Condition Rating are calculated based on these index values.

Alligator Crack Index for Manual Rating:

$$AC_INDEX = 100 - 40 * (\%ALLIGATOR / 15)$$

Where:

%ALLIGATOR = Percent of total area of section being rated that contains Alligator cracking.

Longitudinal Crack Index for Manual Rating:

$$LC_INDEX = 100 - 40 * [(\%LOW / 175) + (\%MED / 75)]$$

Where:

%LOW = Percent length of longitudinal cracks where crack width less than or equal to 0.25 inches

%HIGH = Percent length of longitudinal cracks where crack width greater than 0.25 inches

Transverse Crack Index for Manual Rating:

$$TC_INDEX = (100 - 40) * [(LOW / 21.1) + (MED / 4.4)]$$

Where:

LOW = Count of the total number of transverse cracks within the section length where one transverse crack is equal to the lane width and the crack width <= 0.25 inches

HIGH = Count of the total number of transverse cracks within the section length where one transverse crack is equal to the lane width and the crack width > 0.25 inches

Number of cracks is computed as:
Total length of transverse cracks/Lane width

Patching Index for Manual Rating:

$$\text{PATCH_INDEX} = (100 - 40) * (\% \text{PATCHING} / 80)$$

Where:

%PATCHING = Percentage of pavement section that contains patching/potholes.

Rutting Index for Manual Rating:

$$\text{RUT_INDEX} = 100 - 40 * (\% \text{RUTTING} / 40)$$

Where:

%RUTTING = Percentage length of high severity rutting within the section being measured.

Method for Manually Rating Paved Parking Areas and Non-Linear Roads

Parking areas are evaluated based on a visual inspection using condition rating criteria that has been developed by FHWA. This criteria is based on a visual evaluation of the severity and extent of distresses to determine the overall condition of the parking area. This overall condition rating is linked to the level of repair and rehabilitation practices required.

A distress index is determined for each of the distresses listed below for Asphalt and Concrete Parking areas. The overall Pavement Condition Rating (PCR) of the parking lot is driven by the most severe distress present.

Rating Criteria:

Asphalt Parking Distress Types

- Alligator Cracking
 - Rating based on percentage of road surface affected
- Longitudinal, Transverse and Block cracking
 - Rating based on crack width, crack spacing, and percentage of surface affected
- Rutting and Distortions
 - Rating based on percentage of road surface affected
- Hot Mix Asphalt Patches
 - Rating based on overall percentage of HMA patches
- Potholes and Cold Patches
 - Rating based on percentage of road surface affected
- Surface Raveling and Bleeding
 - Rating based on percentage of road surface affected

Concrete Parking Distress Types

- Slab Faulting at Joints
 - Rating based on height differential between adjacent slabs or pieces of broken slabs
- Slab Cracking and breakup
 - Rating based on quantity of cracks and if slab is acting to able distribute load as designed
- Surface Delamination and Pop-outs
 - Rating based on percentage of road surface affected to include pop-outs, spalls and surface delamination
- Joint Distresses
 - Rating based on sealant condition and concrete distresses at/or adjacent to joints
- Patching
 - Rating based on percentage of road surface affected

Curb Inspection and Treatments

During inspections of manually rated parking lots and routes, the curb reveal and overall curb condition are evaluated. The curb condition is used to determine a recommendation.

Curb Reveal

The vertical distance on the curb face from the gutter flow line or pavement surface to the top of curb. When resurfacing adjacent to curb, the resulting curb reveal should be no less than 4 inches. Additionally, when resurfacing adjacent to a gutter, the resulting pavement surface should be flush with the gutter pan. In cases where a resurfacing would violate either of these parameters, the surface may need to be milled or removed to adjust to these field conditions.

Curb Recommendations

The following treatment categories are based on the overall percentage of distresses along the entire curb structure for a specific pavement structure. Distresses include spalling, cracking, loss of material and any other damage which prevents the curb from conveying storm runoff or failing to perform in its intended function.

- Overall curb damage ranging 0%-5%:
 - DO NOTHING
- Overall curb damage ranging 5%-20%
 - LIGHT REPAIR
- Overall curb damage ranging 20%-50%
 - MODERATE REPAIR
- Overall curb damage greater than 50%:
 - REPLACE

GPS for Manually Rated Roads and Parking

GPS information for Manually Collected Cycle 6 Routes will be recorded using the latest hardware and software by TRIMBLE 6000 Series GeoXT. Cycle 6 GPS collection units will allow access to GPS and GLONASS, improving overall GPS reliability, accuracy and precision to submeter accuracy.

Additionally, the new GPS units have an enhanced ability to collect accurate signals underneath tree cover or adjacent to buildings or natural terrain with extreme vertical gradations that typically reduce GPS accuracy. Trees and buildings create “satellite shadows”, limiting the areas where you can reliably collect high-accuracy GPS data. The updated GPS receiver will deliver improved usable data under tree canopy or in natural or urban canyons. Routes that were previously collected accurately will not be recollected in Cycle 6.

TRIMBLE 6000 SERIES GeoXT GPS SPECIFICATIONS	
Receiver	Trimble Maxwell™ 6 GNSS chipset
Channels	220 channels
Systems	GPS / GLONASS / WAAS
Accuracy	Sub-meter
Operation Temperature	-20 °C to +60 °C (-4 °F to +140 °F)
Cellular and Wireless	UMTS / HSDPA / GPRS / EDGE / Wi-Fi / Bluetooth
Internal Still Camera w/ GEOTAG ability	Autofocus 5 MP (JPG) and WMV w/ Audio

Appendix C
Description of Cycle 6 Deliverables

Interim Report Delivery

Partial report will be primarily focused on manually collected routes. The report will be released approximately four months after manual collection of parking lots and other manually collected routes to provide NPS an immediate report on the condition of routes collected manually.

The Interim Report Delivery consists of an Interim Report PDF that contains the following:

- Parking lot and manually rated route conditions
- Route ID Reports
- Route ID Changes Report.

Please note that since the Data Collection Vehicle will have not collected data at this point in time, the following will not be in the Interim Report:

- No park summary information will be provided in the report
- No DCV data will be provided in report
- No road logs will be provided in report
- No maps will be provided in report
- Any mileages collected will be approximate

All data provided in the Interim Report will also be included in the Final Report.

Final Report Delivery

The Final Report will contain all data collected by Manual Inspection and the Data Collection Vehicle. All information provided in the Interim Report will be included in the Final report. Manually collected information reported in the Interim Report may be updated in the Final Report if pavement conditions have substantially changed between the Manual Inspection and Data Collection Vehicle Inspection or other unforeseen circumstances.

The final report will be released approximately 8 months after the Data Collection Vehicle completes its collection of that specific park.

Data included in the Final Report package consists of the following:

- **Condition Photos:** All photos taken during Cycle 6.
- **Data Video:** Data and video of each route collected by the DCV will be viewable through PATHVIEW software. PATHVIEW Software and training will be provided to NPS personnel by Eastern Federal Lands.
- **GPS on All Rated Routes:** All GPS data collected from the DCV will be provided. 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 units.
 - GPS will be provided as Shapefiles and KMLs
 - All GPS data related to road collection will be linear referenced to the collected length
- **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 allows RIP to facilitate easier updates and enhancements in the future. A geodatabase can be thought of as simply a database containing spatial data. 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.
- **Report (RIP Report and Route ID):** A PDF report will be provided that includes a list of all routes and key data. Condition reports for each route will be included. All changes, additions and deletions to any route will be included in the report. Features along routes will not be collected in Cycle 6.

Partial DCV Collections

Additional Partial DCV Collections may be done on specific parks depending on their size and overall mileage of routes within its boundaries during Cycle 6. Parks with greater than 10 miles of paved roadways will receive at least one additional Partial DCV collection during Cycle 6. Data collected during these Partial DCV Collections will not result in the delivery of an additional report to the park.

Data collected by the DCV during Partial DCV Collection will be used to improve HPMA modeling by providing additional “snapshots in time” of park pavement conditions. This improved HMPA modeling will assist in the programming and budgeting of future projects which will help maximize the life of pavement infrastructures.

Instead of receiving a report of conditions collected during the Partial DCV collection, the park will receive a formal letter from the Road Inventory Program requesting coordination for the additional Partial DCV collection, identifying the dates of the Partial DCV Collection and will reinforce the purpose and importance of the Partial DCV Collection.

Appendix D
Glossary of Terms and Abbreviations

Glossary of Terms and Abbreviations

TERM OR ABBREVIATION	DESCRIPTION OR DEFINITION
AC	Alligator Cracking
CRS	Condition Rating Sheets (Section 5)
Curb Recommendation	Curb remediation based on overall percentage of curb distress
Curb Reveal	Height of curb exposed from gutter flow line to top of curb
DCV	Data Collection Vehicle
Excellent	Excellent rating with an index value of 95 to 100
Fair	Fair rating with an index value from 61 to 84
FUNCT_CLASS	Functional Classification (see Route ID, Section 2)
Good	Good rating with an index value from 85 to 94
IRI	International Roughness Index
HPMA	Highway Pavement Management Application
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