

**Final Report** 

Road Inventory and Condition Assessment of Paved Routes Lake Roosevelt National Recreation Area



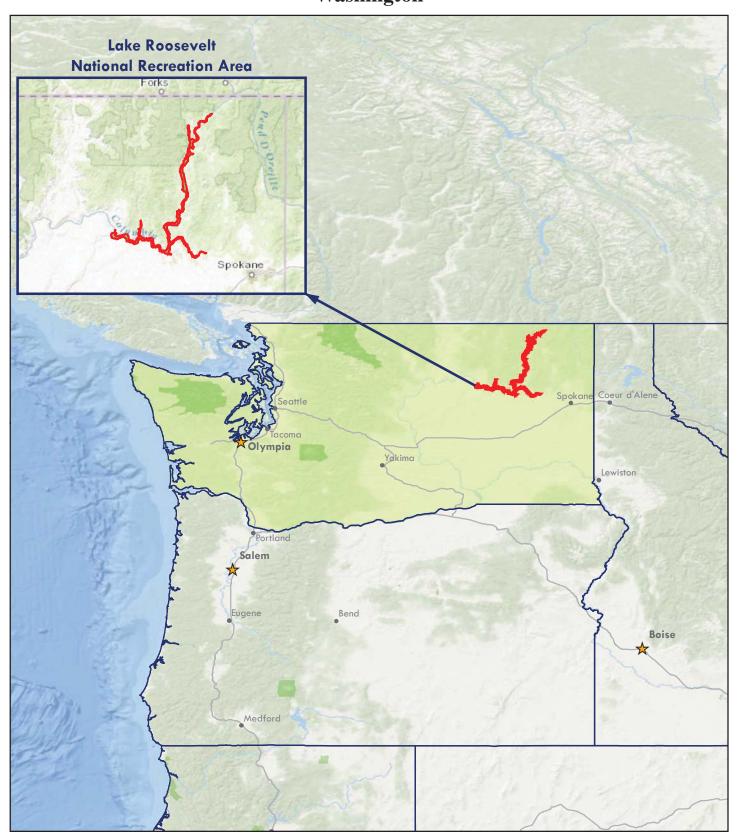


Federal Lands Highway Road Inventory Program Prepared By:

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

**Report Date: April 2016** 

## Lake Roosevelt National Recreation Area in Washington

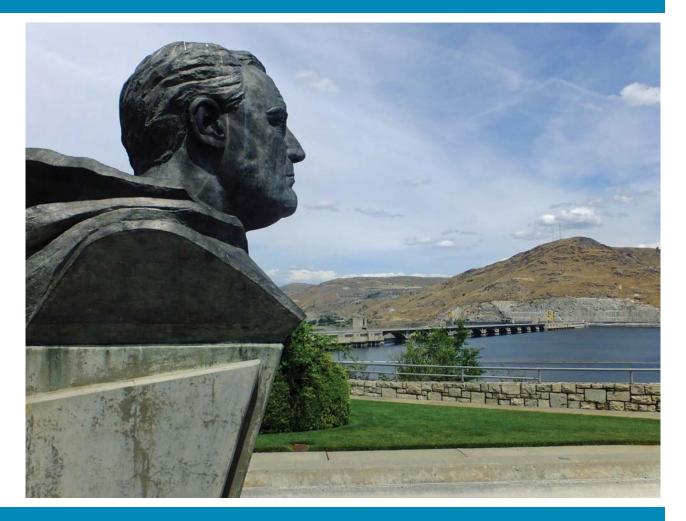


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# Section 1 Introduction





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

Note: Large Parks have  $\geq 10$  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

FHWA/Eastern Federal Lands 21400 Ridgetop Circle Sterling, VA 20166 (703) 404-6371 FHWA/Central Federal Lands 12300 West Dakota Ave Lakewood, CO 80228 (720) 963-3556

# Section 2 Park Route Inventory





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## 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	
			-	DCV = Data Collection Vehicle

Red text denotes:

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

MRL = Manually Rated Line MRP = Manually Rated Polygon

PKG = Parking Areas NC = Not Collected

	ROAD INVENTORY (1100 SERIES FMSS LOCATIONS)														
Route	cle lectec	lteration Collected	FMSS	Icessi		Route Description Maintenance F			Unpaved Total 5 3 Miles Mileage 2 0			Area Surf.			
No.	ပိပိ	Col Col	Number	Cor	Route Name	From	То	District	Miles	Miles	Mileage	G. F.	(SQ FT)	Туре	Мар
0100	6	1	4025		KETTLE FALLS ENTRANCE ROAD	FROM NORTH PARK BOUNDARY / END OF ROUTE 5003 (KETTLE PARK ROAD (BOISE ROAD))	TO END OF LOOP	NORTH	1.81	0.00	1.81	2		AS	1F
0101	6	1	108114		FORT SPOKANE PICNIC AREA LOOP ROAD	FROM ROUTE 5025 (STATE ROUTE 25) ACROSS FROM ROUTE 0203 (FORT SPOKANE CAMPGROUND ROAD)	TO END OF LOOP	SOUTH	0.38	0.00	0.38	2		AS	4B
0200	6	1	9889		SPRING CANYON ROAD	FROM STATE ROUTE 174 AT MILE MARKER 24.34	TO END OF LOOP	SOUTH	1.64	0.00	1.64	2		AS	6A
0201	6	1	39212		SPRING CANYON RV CAMPGROUND ROAD	FROM ROUTE 0200 (SPRING CANYON ROAD)	TO ROUTE 0904 (SPRING CANYON RV CAMPGROUND PARKING)	SOUTH	0.12	0.00	0.12	3		AS	6A
0202	6	1	9914		KELLER FERRY CAMPGROUND ROAD	FROM ROUTE 0928 (KELLER FERRY PICNIC / CAMP AREA PARKING)	TO ROUTE 0408 (KELLER FERRY MAINTENANCE SHOP ROAD)	SOUTH	0.54	0.00	0.54	3		AS	5A
0203	6	1	9969		FORT SPOKANE CAMPGROUND ROAD	FROM ROUTE 5025 (STATE ROUTE 25) ACROSS FROM ROUTE 0101 (FORT SPOKANE PICNIC AREA LOOP ROAD)	TO BEGINNING OF ROUTE 0232 (FORT SPOKANE CAMPGROUND ENTRANCE ROAD)	SOUTH	0.12	0.00	0.12	3		AS	4B
0204	6	1	00001368		EVANS CAMPGROUND ROAD	FROM STATE ROUTE 25 AT MILE MARKER 90.3	TO ROUTE 0940 (EVANS DAY USE PARKING)	NORTH	0.38	0.00	0.38	2		AS	1C
0205	6	1	39102		KETTLE FALLS PICNIC ROAD	FROM ROUTE 0100 (KETTLE FALLS ENTRANCE ROAD) NORTH END	TO ROUTE 0100 (KETTLE FALLS ENTRANCE ROAD) SOUTH END	NORTH	0.38	0.00	0.38	2		AS	1F
0206	6	1	39101		KETTLE FALLS MARINA ACCESS ROAD	FROM ROUTE 0100 (KETTLE FALLS ENTRANCE ROAD)	TO ROUTE 0911C (KETTLE FALLS BOAT LAUNCH PARKING C)	NORTH	0.20	0.00	0.20	3		AS	1F
0207	6	1	39092		KETTLE FALLS CAMPGROUND ROAD	FROM ROUTE 0206 (KETTLE FALLS MARINA ACCESS ROAD)	TO BEGINNING OF ROUTE 0251C (KETTLE FALLS CAMPGROUND LOOP 3)	NORTH	0.29	0.00	0.29	3		AS	١F

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				Ę		ROAD INVENTORY (1	100 SERIES FMSS I	LOCATIONS)				a			
Route	cle llected	lteration Collected	FMSS	ncessic		Route Des	Route Description			Unpaved	npaved Total 5		Area	Surf.	
No.	ວໍ້ ບໍ	S Her	Number	ŝ	Route Name	From	То	District	Miles	Miles	Mileage	чç	(SQ FT)	Туре	Мар
0208	6	1	39213		HAWK CREEK CAMPGROUND ROAD	FROM END OF UNPAVED HAWK CREEK ROAD AT PARK BOUNDARY	TO ROUTE 0920 (HAWK CREEK BOAT LAUNCH PARKING)	SOUTH	0.24	0.00	0.24	2		AS	4D
0209	6	1	10010		PORCUPINE BAY CAMPGROUND ROAD	FROM PARK BOUNDARY AT END OF PORCUPINE BAY ROAD (NON NPS)	TO ROUTE 0923 (PORCUPINE BAY BOAT LAUNCH PARKING)	SOUTH	0.34	0.00	0.34	2		AS	4A
0210	6	1	00001508		HUNTERS CAMPGROUND ACCESS ROAD	FROM END OF ROUTE 5001 (HUNTERS CAMPGROUND ROAD (NON NPS)) AT PARK BOUNDARY	TO DEAD END	NORTH	0.51	0.00	0.51	2		AS	3
0211	6	1	00002813		GIFFORD CAMPGROUND ACCESS ROAD	FROM ROUTE 5025 (STATE ROUTE 25)	TO ROUTE 0917 (GIFFORD BOAT LAUNCH PARKING)	NORTH	0.29	0.00	0.29	2		AS	2В
0212	6	1	3915		BRADBURY DAY USE AREA ROAD	FROM ROUTE 5025 (STATE ROUTE 25) AT MILE MARKER 73.1	TO END OF LOOP AROUND ROUTE 0962ZZ (BRADBURY BEACH DAY USE PARKING AREA COMPLEX)	NORTH	0.31	0.00	0.31	2		AS	1G
0213	6	1	3885		MARCUS ISLAND CAMPGROUND ENTRANCE ROAD	FROM STATE ROUTE 25 AT MILE MARKER 86.7	TO END OF LOOP	NORTH	1.88	0.00	1.88	2		AS	1E
0214	6	1	3859		NORTH GORGE CAMPGROUND ROAD	FROM STATE ROUTE 25 AT MILE MARKER 97.5	TO END	NORTH	0.18	0.00	0.18	2		AS	1A
021 <i>5</i> A	6	1	3892		KAMLOOPS ISLAND CAMPGROUND ROAD	FROM NORTHPORT FLAT CREEK AT MILE MARKER 15.0	ROUTE 0939 (KAMLOOPS ISLAND CAMPGROUND LOOP PARKING)	NORTH	0.26	0.00	0.26	3		AS	1D
0215B	6	1	105456		KAMLOOPS ISLAND CAMPGROUND LOOP	FROM ROUTE 0215A (KAMLOOPS ISLAND CAMPGROUND ROAD) AT MP 0.19	TO 0215A (KAMLOOPS ISLAND CAMPGROUND ROAD) AT MP 0.24	NORTH	0.09	0.00	0.09	3		AS	1D
0216	NC		9939		JONES BAY CAMPGROUND ROAD	FROM COUNTY ROAD	TO END OF LOOP	SOUTH	0.00	0.10	0.10	3		GR	
0217	6	1	39107		KETTLE RIVER CAMPGROUND ROAD	FROM U.S. HIGHWAY 395 AT MILE MARKER 248.0	TO END OF LOOP	NORTH	0.97	0.00	0.97	2		AS	ΊН

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	ROAD INVENTORY (1100 SERIES FMSS LOCATIONS)														
Route No.	Cycle Collected	lteration Collected	FMSS Number	Concessic	Route Name	Route Dese From	ription To	Maintenance District	Paved Miles	Unpaved Miles	Total Mileage		Area (SQ FT)	Surf. Type	Area Map
0219	NC		3910		HAAG COVE CAMPGROUND LOOP	FROM HAAG ROAD (COUNTY ROAD)	TO END OF LOOP	NORTH	0.00	0.21	0.21	3		GR	
0221	6	1	39216		SEVEN BAYS MARINA ACCESS ROAD	FROM END OF ROUTE 5002 (SEVEN BAYS ROAD) ON RIGHT AND PONDEROSA CREEK ROAD (COUNTY ROAD) ON LEFT	TO ROUTE 0919 (SEVEN BAYS MARINA PARKING)	SOUTH	0.28	0.00	0.28	2		AS	4C
0222	6	1	39217		FORT SPOKANE VISITOR CENTER ACCESS ROAD	FROM STATE ROUTE 25	TO ROUTE 0906 (FORT SPOKANE VISITOR CENTER PARKING)	SOUTH	0.26	0.00	0.26	3		AS	4B
0223	6	1	39218		FORT SPOKANE FACILITIES ROAD	FROM ROUTE 0222 (FORT SPOKANE VISITOR CENTER ACCESS ROAD)	TO ROUTE 0905 (FORT SPOKANE FACILITIES PARKING)	SOUTH	0.14	0.00	0.14	5		AS	4B
0227	6	1	3922		DAISY BOAT LAUNCH ACCESS ROAD	FROM ROUTE 5025 (STATE ROUTE 25) AT MILE MARKER 62.4	TO ROUTE 0926 (DAISY BOAT LAUNCH PARKING)	NORTH	0.35	0.00	0.35	2		AS	2A
0230	NC		9874		CRESCENT BAY BOAT LAUNCH ACCESS ROAD	FROM STATE ROUTE 174	TO END	SOUTH	0.00	2.10	2.10	3		GR	
0231	6	1	39220		KELLER FERRY CAMPGROUND ENTRANCE ROAD	FROM ROUTE 5021 (STATE ROUTE 21) AT MILE MARKER 106.42	TO ROUTE 0202 (KELLER FERRY CAMPGROUND ROAD) AT MP 0.19	SOUTH	0.06	0.00	0.06	2		AS	5A
0232	6	1	39221		FORT SPOKANE CAMPGROUND ENTRANCE ROAD	FROM END OF ROUTE 0203 (FORT SPOKANE CAMPGROUND ROAD)	TO BEGINNING OF ROUTE 0232C (FORT SPOKANE CAMPGROUND LOOP C)	SOUTH	0.27	0.00	0.27	2		AS	4B
0232A	6	1	108117		FORT SPOKANE CAMPGROUND LOOP A	FROM ROUTE 0232 (FORT SPOKANE CAMPGROUND ENTRANCE ROAD) AT MP 0.15 ON RIGHT	TO END OF LOOP	SOUTH	0.26	0.00	0.26	3		AS	4B
0232B	6	1	108119		FORT SPOKANE CAMPGROUND LOOP B	FROM ROUTE 0232A (FORT SPOKANE CAMPGROUND LOOP A)	TO ROUTE 0232 (FORT SPOKANE CAMPGROUND ENTRANCE ROAD)	SOUTH	0.18	0.00	0.18	3		AS	4B

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				Ę		ROAD INVENTORY (1	100 SERIES FMSS I	OCATIONS)				la			
Route No.	Cycle Collected	lteration Collected	FMSS Number	Concessio	Route Name	Route Dese	cription To	Maintenance District	Paved Miles	Unpaved Miles	Total Mileage	-unctior Class	Area (SQ FT)	Surf. Type	Area Map
0232C	6		108120		FORT SPOKANE CAMPGROUND LOOP C	FROM END OF ROUTE 0232 (FORT SPOKANE CAMPGROUND ENTRANCE ROAD)	TO END OF LOOP	SOUTH	0.30	0.00	0.30	3		AS	4B
0232D	6	1	108121		FORT SPOKANE CAMPGROUND LOOP D	FROM ROUTE 0232C (FORT SPOKANE CAMPGROUND LOOP C) AT MP 0.17	TO ROUTE 0232C (FORT SPOKANE CAMPGROUND LOOP C) AT MP 0.26	SOUTH	0.15	0.00	0.15	3		AS	4B
0232E	6	1	108122		FORT SPOKANE CAMPGROUND LOOP E	FROM ROUTE 0232 (FORT SPOKANE CAMPGROUND ENTRANCE ROAD)	TO ROUTE 0232A (FORT SPOKANE CAMPGROUND LOOP A)	SOUTH	0.09	0.00	0.09	3		AS	4B
0232F	6	1	108123		FORT SPOKANE CAMPGROUND LOOP F	FROM ROUTE 0232C (FORT SPOKANE CAMPGROUND LOOP C)	TO END	SOUTH	0.09	0.00	0.09	3		AS	4B
0233	6	1	9958		HAWK CREEK CAMPGROUND LOOP	FROM ROUTE 0208 (HAWK CREEK CAMPGROUND ROAD)	TO END OF LOOP	SOUTH	0.21	0.00	0.21	3		AS	4D
0238	6	1	39222		SPRING CANYON CAMPGROUND ROAD	FROM ROUTE 0201 (SPRING CANYON RV CAMPGROUND ROAD) AT MP 0.06	TO ROUTE 0201 (SPRING CANYON RV CAMPGROUND ROAD) AT MP 0.02	SOUTH	0.29	0.00	0.29	3		AS	6A
0238A	6	1	108126		SPRING CANYON CAMPGROUND CONNECTOR A	FROM ROUTE 0238 (SPRING CANYON CAMPGROUND ROAD) AT MP 0.05 ON RIGHT	TO ROUTE 0238 (SPRING CANYON CAMPGROUND ROAD)	SOUTH	0.04	0.00	0.04	3		AS	6A
0238B	6	1	108133		SPRING CANYON CAMPGROUND CONNECTOR B	FROM ROUTE 0238 (SPRING CANYON CAMPGROUND ROAD) AT MP 0.06 ON RIGHT	TO ROUTE 0238 (SPRING CANYON CAMPGROUND ROAD)	SOUTH	0.03	0.00	0.03	3		AS	6A
0238C	6	1	108135		SPRING CANYON CAMPGROUND CONNECTOR C	FROM ROUTE 0238 (SPRING CANYON CAMPGROUND ROAD) AT MP 0.10 ON RIGHT	TO ROUTE 0200 (SPRING CANYON ROAD)	SOUTH	0.06	0.00	0.06	3		AS	6A
0239	6	1	39223		KELLER FERRY CAMPGROUND LOOP	FROM ROUTE 0928 (KELLER FERRY PICNIC / CAMP AREA PARKING)	TO END OF LOOP	SOUTH	0.16	0.00	0.16	3		AS	5A

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## Cycle 6 NPS / RIP Route ID Report

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	ROAD INVENTORY (1100 SERIES FMSS LOCATIONS)														
Route No.	Cycle Collected	lteration Collected	FMSS Number	Concessic	Route Name	Route Dese	cription To	Maintenance District	Paved Miles	Unpaved Miles	Total Mileage	Functior Class	Area (SQ FT)	Surf. Type	Area Map
0240A	6	1	39224		PORCUPINE BAY CAMPGROUND MAIN ROAD	FROM ROUTE 0209 (PORCUPINE BAY CAMPGROUND ROAD) AT MP 0.09	TO END OF ROUTE 0209 (PORCUPINE BAY CAMPGROUND ROAD) AT MP 0.34	SOUTH	0.25	0.00	0.25	3		AS	4A
0240B	6	1	105457		PORCUPINE BAY CAMPGROUND LOOP ROAD	FROM ROUTE 0240A (PORCUPINE BAY CAMPGROUND MAIN ROAD) AT MP 0.09 ON RIGHT	TO ROUTE 0240A (PORCUPINE BAY CAMPGROUND MAIN ROAD) AT MP 0.04 ON RIGHT	SOUTH	0.16	0.00	0.16	3		AS	4A
0241	6	1	39289		HUNTERS CAMPGROUND ROAD	FROM ROUTE 0242 (HUNTERS BOAT LAUNCH ACCESS ROAD) AT MP 0.22	TO ROUTE 0242 (HUNTERS BOAT LAUNCH ACCESS ROAD) AT MP 0.18	NORTH	0.33	0.00	0.33	3		AS	3
0241A	6	1	105454		HUNTERS CAMPGROUND CONNECTOR ROAD	FROM ROUTE 0241 (HUNTERS CAMPGROUND ROAD) AT MP 0.27 ON LEFT	TO ROUTE 0241 (HUNTERS CAMPGROUND ROAD) AT MP 0.05 ON LEFT	NORTH	0.03	0.00	0.03	3		AS	3
0242	6	1	39282		HUNTERS BOAT LAUNCH ACCESS ROAD	FROM ROUTE 0210 (HUNTERS CAMPGROUND ACCESS ROAD)	TO ROUTE 0918A (HUNTERS BOAT LAUNCH AREA A PARKING)	NORTH	0.51	0.00	0.51	2		AS	3
0243	6	1	39290		HUNTERS GROUP CAMP	FROM ROUTE 0210 (HUNTERS CAMPGROUND ACCESS ROAD)	TO END OF LOOP	NORTH	0.21	0.00	0.21	3		AS	3
0244A	6	1	39256		GIFFORD CAMPGROUND ROAD	FROM ROUTE 0211 (GIFFORD CAMPGROUND ACCESS ROAD)	TO END	NORTH	0.33	0.00	0.33	3		AS	2B
0244B	6	1	105433		GIFFORD CAMPGROUND LOOP B	FROM ROUTE 0244A (GIFFORD CAMPGROUND ROAD) AT MP 0.01	TO ROUTE 0244A (GIFFORD CAMPGROUND ROAD) AT MP 0.09	NORTH	0.09	0.00	0.09	3		AS	2B
0244C	6	1	105440		GIFFORD CAMPGROUND LOOP C	FROM ROUTE 0244A (GIFFORD CAMPGROUND ROAD) AT MP 0.12	TO ROUTE 0244A (GIFFORD CAMPGROUND ROAD) AT MP 0.24	NORTH	0.15	0.00	0.15	3		AS	2B
0244D	6	1	105441		GIFFORD CAMPGROUND LOOP D	FROM ROUTE 0244A (GIFFORD CAMPGROUND ROAD) AT MP 0.27	TO ROUTE 0244A (GIFFORD CAMPGROUND ROAD) AT MP 0.30	NORTH	0.09	0.00	0.09	3		AS	2В

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## 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	
				DCV = Data Collection Vehicle

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

				Ę	ROAD INVENTORY (	1100 SERIES FMSS L	OCATIONS)				al			
Route No.	Cycle Collected	lteration Collected	FMSS Number	Route Name	Route Des	cription To	Maintenance District	Paved Miles	Unpaved Miles	Total Mileage		Area (SQ FT)	Surf. Type	Area Map
0244E	6	1	105442	GIFFORD CAMPGROUND LOOP E	FROM ROUTE 0244A (GIFFORD CAMPGROUND ROAD) AT MP 0.26	TO ROUTE 0244A (GIFFORD CAMPGROUND ROAD) AT MP 0.32	NORTH	0.08	0.00	0.08	3		AS	2B
0244F	6	1	105443	GIFFORD CAMPGROUND EXIT SPUR	FROM ROUTE 0211 (GIFFORD CAMPGROUND ACCESS ROAD) AT MP 0.21	TO ROUTE 0244A (GIFFORD CAMPGROUND ROAD) AT MP 0.06	NORTH	0.02	0.00	0.02	3		AS	2В
0246	6	1	3889	SNAG COVE CAMPGROUND LOOP	FROM ROUTE 0944 (SNAG COVE CAMPGROUND AND BOAT LAUNCH PARKING)	TO NORTHPORT FLAT CREEK ROAD	NORTH	0.09	0.00	0.09	3		AS	1 B
0248	6	1	39359	NORTH GORGE CAMPGROUND SPUR	FROM ROUTE 0214 (NORTH GORGE CAMPGROUND ROAD)	TO END	NORTH	0.06	0.00	0.06	3		AS	1A
0249A	6	1	39249	EVANS CAMPGROUND LOOP A	FROM ROUTE 0204 (EVANS CAMPGROUND ROAD) AT MP 0.21	TO ROUTE 0204 (EVANS CAMPGROUND ROAD) AT MP 0.38	NORTH	0.22	0.00	0.22	3		AS	1C
0249B	6	1	105455	EVANS CAMPGROUND LOOP B	FROM ROUTE 0249A (EVANS CAMPGROUND LOOP A) AT MP 0.19	TO ROUTE 0940 (EVANS DAY USE PARKING)	NORTH	0.12	0.00	0.12	3		AS	1C
0250	6	1	39308	MARCUS ISLAND CAMPGROUND LOOP	FROM ROUTE 0213 (MARCUS ISLAND CAMPGROUND ENTRANCE ROAD) AT MP 1.58	TO ROUTE 0213 (MARCUS ISLAND CAMPGROUND ENTRANCE ROAD) AT MP 1.48	NORTH	0.11	0.00	0.11	3		AS	1E
0251A	6	1	39091	KETTLE FALLS CAMPGROUND LOOP 1	FROM ROUTE 0207 (KETTLE FALLS CAMPGROUND ROAD) AT MP 0.17	TO ROUTE 0207 (KETTLE FALLS CAMPGROUND ROAD) AT MP 0.14	NORTH	0.18	0.00	0.18	3		AS	1F
0251B	6	1	105444	KETTLE FALLS CAMPGROUND LOOP 2	FROM ROUTE 0207 (KETTLE FALLS CAMPGROUND ROAD) AT MP 0.22	TO ROUTE 0207 (KETTLE FALLS CAMPGROUND ROAD) AT MP 0.20	NORTH	0.21	0.00	0.21	3		AS	1F
0251C	6	1	105445	KETTLE FALLS CAMPGROUND LOOP 3	FROM ROUTE 0207 (KETTLE FALLS CAMPGROUND ROAD) AT MP 0.29	TO ROUTE 0207 (KETTLE FALLS CAMPGROUND ROAD) AT MP 0.26	NORTH	0.24	0.00	0.24	3		AS	1F

Page	7	of	15
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## 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
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				Ę		ROAD INVENTORY (1	100 SERIES FMSS I	LOCATIONS)				a			
Route No.	ycle ollected	lteration Collected	FMSS Number	oncessic	Deute Neuro	Route Des	•	Maintenance District	Paved Miles	Unpaved Miles	Total Milegge	unction lass	Area (SQ FT)	Surf. Type	
1	ίŭ	≚ŭ		Ŭ	Route Name	From	То			1	1		(56(11)	1	
0252	6	1	39099		KETTLE FALLS LOCUST GROVE GROUP CAMPGROUND ROAD	FROM ROUTE 0100 (KETTLE FALLS ENTRANCE ROAD)	TO END OF CUL DE SAC	NORTH	0.30	0.00	0.30	3		AS	1F
0253	6	1	39098		KETTLE FALLS LIONS ISLAND SPUR	FROM ROUTE 0252 (KETTLE FALLS LOCUST GROVE GROUP CAMPGROUND ROAD)	TO END OF UNPAVED LOOP	NORTH	0.14	0.37	0.51	3		AS	1F
0255	6	1	39096		KETTLE FALLS FACILITIES ROAD	FROM ROUTE 0100 (KETTLE FALLS ENTRANCE ROAD)	TO ROUTE 0913ZZ (KETTLE FALLS FACILITIES PARKING AREA COMPLEX)	NORTH	0.06	0.00	0.06	5		AS	1F
0256	6	1	39103		KETTLE FALLS SERVICE ACCESS ROAD	FROM ROUTE 5003 (KETTLE PARK ROAD (BOISE ROAD))	TO END OF LOOP	NORTH	0.21	0.00	0.21	6		AS	1F
0259	6	1	108140		BRADBURY DAY USE ACCESS ROAD	FROM ROUTE 0212 (BRADBURY DAY USE AREA ROAD)	TO ROUTE 0937BZ (BRADBURY BEACH BOAT LAUNCH PARKING B)	NORTH	0.17	0.00	0.17	3		AS	1G
0260	6	1	99141		KELLER FERRY FLOATING DOCK HOUSE ROAD	FROM ROUTE 0957 (KELLER FERRY HOUSEBOAT PARKING LOT) AT NORTHWEST SIDE	TO ROUTE 0957 (KELLER FERRY HOUSEBOAT PARKING LOT) AT NORTHEAST SIDE	SOUTH	0.09	0.00	0.09	3		AS	5A
0261	NC				KETTLE FALLS BOAT RAMP ACCESS ROAD	FROM ROUTE 0206 (KETTLE FALLS MARINA ACCESS ROAD)	TO ROUTE 0207 (KETTLE FALLS CAMPGROUND ROAD)	NORTH	0.00	0.08	0.08	3		GR	
0400	6	1	39104		KETTLE FALLS SERVICE / HOUSING ROAD (RIVERSIDE AVENUE)	FROM ROUTE 0255 (KETTLE FALLS FACILITIES ROAD)	TO ROUTE 0256 (KETTLE FALLS SERVICE ACCESS ROAD)	NORTH	0.24	0.00	0.24	5		AS	1F
0401	6	1	39235		SPRING CANYON SERVICE / HOUSING ROAD	FROM ROUTE 0200 (SPRING CANYON ROAD) AT MP 0.86	TO ROUTE 0901 (SPRING CANYON HOUSING PARKING)	SOUTH	0.09	0.00	0.09	5		AS	6A
0404	NC		39236		FORT SPOKANE RESERVOIR ACCESS ROAD	FROM COUNTY ROAD	TO END	SOUTH	0.00	0.30	0.30	6		GR	
0405	NC		39237		PORCUPINE BAY WATER TANK ACCESS ROAD	FROM COUNTY ROAD	TO END	SOUTH	0.00	0.11	0.11	6		GR	

Page 8 of 15 Report Date: 0		Cycle 6 NPS / RIP Rou (Numerical By Summary Route and S	•	Federal Lands Highway Road Inventory Program
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	ROAD INVENTORY (1100 SERIES FMSS LOCATIONS)														
Route No.	Cycle Collected	teration Collected	FMSS Number	oncessio	Route Name	Route Desc	cription To	Maintenance District	Paved Miles	Unpaved Miles		unction	Area (SQ FT)	Surf. Type	Area Map
	00	±0		0		From	10						( /		
0406	NC		39292		HUNTERS WATER TANK ACCESS ROAD	FROM COUNTY ROAD	TO END	NORTH	0.00	0.10	0.10	5		GR	
0407	NC		39239		FORT SPOKANE SEASONAL RESIDENCE ROAD	FROM COUNTY ROAD	TO END	SOUTH	0.00	0.20	0.20	5		GR	
0408	NC		99140		KELLER FERRY MAINTENANCE SHOP ROAD	FROM ROUTE 0202 (KELLER FERRY CAMPGROUND ROAD)	to maintenance Building Loop	SOUTH	0.00	0.25	0.25	6		GR	

			£	NON-NPS	ROADS INVENTOR	Y			nal			
Route No.	Cycle Collected Iteration Collected	FMSS Number	ວ ເຊິ່ງ ອີ Route Name	Route Des	cription To	Maintenance District	Paved Miles	Unpaved Miles	ō	Area (SQ FT)	Surf. Type	Area Map
5001	6 1		HUNTERS CAMPGROUND ROAD (NON NPS)	FROM ROUTE 5025 (STATE ROUTE 25)	TO PARK BOUNDARY AT BEGINNING OF ROUTE 0210 (HUNTERS CAMPGROUND ACCESS ROAD)	NORTH	1.28	0.00	1.28		AS	3
5002	6 1		SEVEN BAYS ROAD	FROM MILES-CRESTON ROAD	TO BEGINNING OF ROUTE 0221 (SEVEN BAYS MARINA ACCESS ROAD) ON RIGHT	SOUTH	2.09	0.00	2.09		AS	4,4C
5003	6 1		KETTLE PARK ROAD (BOISE ROAD)	FROM U.S. HIGHWAY 395	TO PARK BOUNDARY AT BEGINNING OF ROUTE 0100 (KETTLE FALLS ENTRANCE ROAD)	NORTH	1.50	0.00	1.50		AS	1,1F
5021	6 1		STATE ROUTE 21	FROM U.S. HIGHWAY 2	TO KELLER FERRY CROSSING	SOUTH	13.65	0.00	13.65		AS	KEY,5,5A
5025	6 1		STATE ROUTE 25	FROM ROUTE 0222 (FORT SPOKANE VISITOR CENTER ACCESS ROAD)	TO U.S. HIGHWAY 395	NORTH / SOUTH	58.27	0.00	58.27		AS	KEY,1,2, 4

Page 9 of 15 Report Date: 0		Cycle 6 NPS / RIP Rout (Numerical By Summary Route and St	Federal Lands Highway Road Inventory Program	
Shading Color Key	White = Paved Routes, DCV Driven Yellow = Unpaved Routes, DCV not Driven	Grey = Paved Routes, DCV not Driven Blue = Paved Parking Areas	Black = Non-NPS Routes Green = Unpayed Parking Areas	Concession Route
	Red text denotes:	m the NPS and was not collected by the Road		DCV = Data Collection Vehicle MRL = Manually Rated Line MRP = Manually Rated Polygon PKG = Parking Areas NC = Not Collected

					c	NON-NPS	ROADS INVENTORY	1				a			
Route		lected ation	lected	FMSS	Icessio	Route Des	cription	Maintenance		Unpaved			Area	Surf.	Area
No.	č	Lifero II	<b>۱</b> פ	Number	ວັ້ Route Name	From	То	District	Miles	Miles	Mileage	Ξů	(SQ FT)	Туре	Мар
5218		6 1		·	ST PAUL'S MISSION ROAD	FROM U.S. HIGHWAY 395 AT MILE MARKER 266.0	TO END OF LOOP AT ROUTE 0946 (ST PAUL'S MISSION PARKING)	NORTH	0.20	0.38	0.59			AS	1

	PARKING AREA INVENTORY (1300 SERIES FMSS LOCATIONS)										
Route	e ected	lteration Collected	FMSS	ce ss io	Route De	scription	Maintenance	Access	Area	Surf.	Area
No.		ltero Coll	Number	້ອີ Route Name	From	То	District	Level	(SQ FT)	Туре	Μαρ
0900	6	1	9878	PARK HEADQUARTERS FACILITIES PARKING	FROM CREST DRIVE IN COULEE DAM, WA	TO PARKING	SOUTH	PUBLIC	26,265	AS	6
0901	6	1	39277	SPRING CANYON HOUSING PARKING	FROM END OF ROUTE 0401 (SPRING CANYON SERVICE / HOUSING ROAD)	TO PARKING	SOUTH	NONPUBLIC	8,785	AS	6A
0902G	6	1	105463	SPRING CANYON BOAT LAUNCH PARKING G	FROM ROUTE 0200 (SPRING CANYON ROAD) AT MP 1.49 ON LEFT	TO ROUTE 0200 (SPRING CANYON ROAD)	SOUTH	PUBLIC	41,488	AS	6A
0902H	6	1	108149	SPRING CANYON BOAT LAUNCH PARKING H	FROM END OF ROUTE 0902EZ (SPRING CANYON DAY USE PARKING E)	TO PARKING	SOUTH	PUBLIC	27,648	AS	6A
0902ZZ	6	1	39278	SPRING CANYON DAY USE PARKING AREA COMPLEX	ADJACENT TO ROUTE 0200 (SPRING CANYON ROAD) ON LEFT AND RIGHT		SOUTH	PUBLIC	54,093	AS	6A
0904	6	1	39280	SPRING CANYON RV CAMPGROUND PARKING	FROM END OF ROUTE 0201 (SPRING CANYON RV CAMPGROUND ROAD)	TO PARKING	SOUTH	PUBLIC	53,107	AS	6A
0905	6	1	39281	FORT SPOKANE FACILITIES PARKING	FROM END OF ROUTE 0223 (FORT SPOKANE FACILITIES ROAD)	TO PARKING	SOUTH	PUBLIC	36,269	AS	4B
0906	6	1	39283	FORT SPOKANE VISITOR CENTER PARKING	FROM END OF ROUTE 0222 (FORT SPOKANE VISITOR CENTER ACCESS ROAD)	TO PARKING	SOUTH	PUBLIC	20,030	AS	4B
0907ZZ	6	1	39284	FORT SPOKANE BOAT LAUNCH PARKING	FROM ROUTE 0203 (FORT SPOKANE CAMPGROUND ROAD) ON LEFT AND RIGHT	TO PARKING	SOUTH	PUBLIC	112,173	AS	4B
0908	6	1	39286	FORT SPOKANE GROUP CAMP PARKING	FROM ROUTE 0203 (FORT SPOKANE CAMPGROUND ROAD)	TO PARKING	SOUTH	PUBLIC	26,325	AS	4B

Page 10 of 15 Report Date: 0		Cycle 6 NPS / RIP Route (Numerical By Summary Route and Su	Federal Lands Highway Road Inventory Program	
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	PARKING AREA INVENTORY (1300 SERIES FMSS LOCATIONS)											
Route	e ected	lteration Collected	FMSS	cessio		Route De	scription	Maintenance	Access	Area	Surf.	Area
No.	C ycl C ycl	ltera Colla	Number	Con	Route Name	From	То	District	Level	(SQ FT)	Туре	Мар
0909ZZ	6	1	39287		FORT SPOKANE PICNIC LOOP PARKING AREA COMPLEX	ADJACENT TO ROUTE 0101 (FORT SPOKANE PICNIC AREA LOOP ROAD)		SOUTH	PUBLIC	24,888	AS	4B
0910	6	1	39097		KETTLE FALLS INFORMATION CENTER PARKING	FROM ROUTE 0100 (KETTLE FALLS ENTRANCE ROAD)	TO ROUTE 0206 (KETTLE FALLS MARINA ACCESS ROAD)	NORTH	PUBLIC	12,924	AS	1F
0911A	6	1	39090		KETTLE FALLS BOAT LAUNCH PARKING A	FROM ROUTE 0100 (KETTLE FALLS ENTRANCE ROAD)	TO ROUTE 0206 (KETTLE FALLS MARINA ACCESS ROAD)	NORTH	PUBLIC	81,482	AS	1F
0911B	NC		105446		KETTLE FALLS BOAT LAUNCH PARKING B	FROM ROUTE 0206 (KETTLE FALLS MARINA ACCESS ROAD) ON RIGHT	TO PARKING	NORTH	PUBLIC	9,759	GR	
0911C	6	1	105447		KETTLE FALLS BOAT LAUNCH PARKING C	FROM END OF ROUTE 0206 (KETTLE FALLS MARINA ACCESS ROAD)	TO PARKING	NORTH	PUBLIC	41,739	AS	1F
0913ZZ	6	1	39095		KETTLE FALLS FACILITIES PARKING AREA COMPLEX	FROM END OF ROUTE 0255 (KETTLE FALLS FACILITIES ROAD)	TO PARKING	NORTH	NONPUBLIC	42,875	AS	1F
0914ZZ	6	1	39093		KETTLE FALLS DAY USE PARKING AREA COMPLEX	ADJACENT TO ROUTE 0205 (KETTLE FALLS PICNIC ROAD) ON LEFT AND RIGHT		NORTH	PUBLIC	27,210	AS	1F
0915	6	1	39461		KELLER FERRY BOAT LAUNCH PARKING	FROM ROUTE 0202 (KELLER FERRY CAMPGROUND ROAD)	TO ROUTE 0202 (KELLER FERRY CAMPGROUND ROAD)	SOUTH	PUBLIC	122,483	AS	5A
0917	6	1	39254		GIFFORD BOAT LAUNCH PARKING	FROM END OF ROUTE 0211 (GIFFORD CAMPGROUND ACCESS ROAD)	TO PARKING	NORTH	PUBLIC	48,623	AS	2B
0918A	6	1	39285		HUNTERS BOAT LAUNCH AREA A PARKING	FROM END OF ROUTE 0242 (HUNTERS BOAT LAUNCH ACCESS ROAD)	TO ROUTE 0242 (HUNTERS BOAT LAUNCH ACCESS ROAD)	NORTH	PUBLIC	33,929	AS	3
0918B	6	1	39288		HUNTERS BOAT LAUNCH AREA B PARKING	FROM ROUTE 0242 (HUNTERS BOAT LAUNCH ACCESS ROAD)	TO PARKING	NORTH	PUBLIC	72,377	AS	3
0919	6	1	9964		SEVEN BAYS MARINA PARKING	FROM END OF ROUTE 0221 (SEVEN BAYS MARINA ACCESS ROAD)	TO PARKING	SOUTH	PUBLIC	18,142	AS	4C
0920	6	1	39466		HAWK CREEK BOAT LAUNCH PARKING	FROM END OF ROUTE 0208 (HAWK CREEK CAMPGROUND ROAD)	TO ROUTE 0208 (HAWK CREEK CAMPGROUND ROAD)	SOUTH	PUBLIC	18,901	AS	4D
0921	6	1	9952		LINCOLN MILL BOAT LAUNCH PARKING	FROM END OF REDWINE CANYON ROAD IN LINCOLN, WA	TO PARKING	SOUTH	PUBLIC	48,153	AS	4

Page 11 of 15 Report Date: 0		Cycle 6 NPS / RIP Rou (Numerical By Summary Route and S	Federal Lands Highw Road Inventory Prog			
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	PARKING AREA INVENTORY (1300 SERIES FMSS LOCATIONS)											
Route	Cycle Collected	ation lected	FMSS	Icessio		Route De	scription	Maintenance	Access	Area	Surf.	
No.	δ°	Len Col	Number	Cor	Route Name	From	То	District	Level	(SQ FT)	Туре	Мар
0922	6	1	39468		HANSON HARBOR BOAT LAUNCH PARKING	FROM INTERSECTION OF WATERFRONT DRIVE EAST AND JONES ROAD EAST	TO PARKING	SOUTH	PUBLIC	51,206	AS	5
0923	6	1	39469		PORCUPINE BAY BOAT LAUNCH PARKING	FROM END OF ROUTE 0209 (PORCUPINE BAY CAMPGROUND ROAD)	TO PARKING	SOUTH	PUBLIC	78,712	AS	4A
0926	6	1	39245		DAISY BOAT LAUNCH PARKING	FROM END OF ROUTE 0227 (DAISY BOAT LAUNCH ACCESS ROAD)	TO PARKING	NORTH	PUBLIC	26,873	AS	2A
0927	6	1	3856		CHINA BEND BOAT LAUNCH PARKING	FROM STATE ROUTE 25 AT MILE MARKER 101.6	TO PARKING	NORTH	PUBLIC	23,874	AS	1
0928	6	1	39475		KELLER FERRY PICNIC / CAMP AREA PARKING	FROM END OF ROUTE 0202 (KELLER FERRY CAMPGROUND ROAD)	TO PARKING	SOUTH	PUBLIC	36,432	AS	5A
0929	6	1	39353		NORTH GORGE BOAT LAUNCH PARKING	FROM ROUTE 0214 (NORTH GORGE CAMPGROUND ROAD)	TO ROUTE 0214 (NORTH GORGE CAMPGROUND ROAD)	NORTH	PUBLIC	5,214	AS	1A
0931	6	1	39478		KELLER FERRY RV DUMP STATION PARKING	ADJACENT TO ROUTE 0202 (KELLER FERRY CAMPGROUND ROAD)		SOUTH	PUBLIC	2,960	AS	5A
0932	6	1	39483		PORCUPINE BAY DAY USE PARKING	FROM ROUTE 0240A (PORCUPINE BAY CAMPGROUND MAIN ROAD)	TO ROUTE 0240A (PORCUPINE BAY CAMPGROUND MAIN ROAD)	SOUTH	PUBLIC	20,681	AS	4A
0933	6	1	39485		PORCUPINE BAY RV DUMP STATION PARKING	ADJACENT TO ROUTE 0240A (PORCUPINE BAY CAMPGROUND MAIN ROAD)		SOUTH	PUBLIC	2,345	AS	4A
0934ZZ	6	1	39261		HUNTERS GROUP CAMPGROUND PARKING AREA COMPLEX	ADJACENT TO ROUTE 0243 (HUNTERS GROUP CAMP LOOP) ON LEFT AND RIGHT		NORTH	PUBLIC	5,343	AS	3
0935	6	1	39488		HUNTERS DAY USE PARKING	FROM ROUTE 0210 (HUNTERS CAMPGROUND ACCESS ROAD)	TO ROUTE 0210 (HUNTERS CAMPGROUND ACCESS ROAD)	NORTH	PUBLIC	25,379	AS	3
0936	6	1	00002828		CLOVERLEAF CAMPGROUND PARKING	FROM ROUTE 5025 (STATE HIGHWAY 25) AT MILE MARKER 57	TO PARKING	NORTH	PUBLIC	11,623	AS	2
0937ZZ	6	1	108155		BRADBURY BEACH BOAT LAUNCH PARKING AREA COMPLEX	FROM ROUTE 0259 (BRADBURY DAY USE ACCESS ROAD)	TO PARKING	NORTH	PUBLIC	24,845	AS	1G

Page 12 of 15 Report Date: 0		Cycle 6 NPS / RIP Rou (Numerical By Summary Route and S	Federal Lands Highway Road Inventory Program	
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	PARKING AREA INVENTORY (1300 SERIES FMSS LOCATIONS)										
Route	e ected	lteration Collected	FMSS	cessio	Route De	scription	Maintenance	Access	Area	Surf.	Area
No.	Cycl	ltero Coll	Number	S Route Name	From	То	District	Level	(SQ FT)	Туре	Мар
0938	6	1	3913	FRENCH ROCKS BOAT LAUNCH PARKING	FROM INCHELIUM HIGHWAY AT MILE MARKER 7.8	TO PARKING	NORTH	PUBLIC	54,841	AS	1
0939	6	1	39296	KAMLOOPS ISLAND CAMPGROUND LOOP PARKING	FROM END OF ROUTE 0215A (KAMLOOPS ISLAND CAMPGROUND ROAD)	TO PARKING	NORTH	PUBLIC	8,219	AS	1D
0940	6	1	39250	EVANS DAY USE PARKING	FROM END OF ROUTE 0204 (EVANS CAMPGROUND ROAD)	TO PARKING	NORTH	PUBLIC	40,736	AS	1C
0941	6	1	39247	EVANS BOAT LAUNCH PARKING	FROM ROUTE 0249A (EVANS CAMPGROUND LOOP A)	TO PARKING	NORTH	PUBLIC	23,260	AS	1C
0942	6	1	39307	MARCUS ISLAND BOAT LAUNCH PARKING	FROM ROUTE 0213 (MARCUS ISLAND CAMPGROUND ENTRANCE ROAD)	TO PARKING	NORTH	PUBLIC	17,066	AS	1E
0943	6	1	39309	MARCUS ISLAND CAMPGROUND PARKING	FROM ROUTE 0213 (MARCUS ISLAND CAMPGROUND ENTRANCE ROAD) AT MP 1.29	TO PARKING	NORTH	PUBLIC	24,115	AS	1E
0944	6	1	39362	SNAG COVE CAMPGROUND AND BOAT LAUNCH PARKING	FROM NORTHPORT FLAT CREEK ROAD	TO PARKING AND ROUTE 0246 (SNAG COVE CAMPGROUND LOOP)	NORTH	PUBLIC	17,651	AS	1 B
0946	NC		39364	ST PAUL'S MISSION PARKING	ADJACENT TO END OF ROUTE 5218 (ST PAUL'S MISSION ROAD) UNPAVED SECTION		NORTH	PUBLIC	10,578	GR	
0947	6	1	39489	SEVEN BAYS BOAT LAUNCH PARKING	FROM ROUTE 0221 (SEVEN BAYS MARINA ACCESS ROAD)	TO PARKING	SOUTH	PUBLIC	54,700	AS	4C
0948	NC		39293	EVANS GROUP CAMPSITE	ADJACENT TO ROUTE 0204 (EVANS CAMPGROUND ROAD) AT MP 0.18 ON RIGHT		NORTH	PUBLIC	3,443	GR	
0949	6	1	39255	GIFFORD CAMPGROUND DUMP STATION	ADJACENT TO ROUTE 0211 (GIFFORD CAMPGROUND ACCESS ROAD)		NORTH	PUBLIC	2,058	AS	2B
0950	6	1	39094	KETTLE FALLS DUMP STATION	FROM ROUTE 0206 (KETTLE FALLS MARINA ACCESS ROAD)	TO ROUTE 0206 (KETTLE FALLS MARINA ACCESS ROAD)	NORTH	PUBLIC	2,147	AS	1F

Page 13 of 15 Report Date: 0		Cycle 6 NPS / RIP Route (Numerical By Summary Route and Sul	Federal Lands Highway Road Inventory Program	
Shading Color Key	White = Paved Routes, DCV Driven	Grey = Paved Routes, DCV not Driven	Black = Non-NPS Routes	E Concession Route
	Yellow = Unpaved Routes, DCV not Driven	Blue = Paved Parking Areas	Green = Unpaved Parking Areas	
	Red text denotes: *Unpaved route data was obtained fro	m the NPS and was not collected by the Road Ir	iventory Program (RIP).	DCV = Data Collection Vehicle MRL = Manually Rated Line MRP = Manually Rated Polygon

PKG = Parking Areas NC = Not Collected

				-	PAR	KING AREA INVENTORY (	1300 SERIES FMSS LOCAT	ONS)				
Route	Cycle Collected	ıtion ected	FMSS	cessio		Route D	escription	Maintenance	Access	Area	Surf.	Area
No.	C C	lterc Coll	Number	Con	Route Name	From	То	District	Level	(SQ FT)	Туре	Мар
0951ZZ	6	1	39262		SEVEN BAYS UPPER STORE / RESTAURANT PARKING	FROM GRAVEL STORE / RESTAURANT PARKING LOT	TO PARKING	SOUTH	PUBLIC	4,994	AS	4C
0954	6	1	39491		FORT SPOKANE CAMPGROUND DUMP STATION	FROM ROUTE 0232 (FORT SPOKANE CAMPGROUND ENTRANCE ROAD)	TO ROUTE 0232 (FORT SPOKANE CAMPGROUND ENTRANCE ROAD)	SOUTH	PUBLIC	2,280	AS	4B
0955	6	1	39291		HUNTERS RV DUMP STATION	ADJACENT TO ROUTE 0242 (HUNTERS BOAT LAUNCH ACCESS ROAD)		NORTH	PUBLIC	3,741	AS	3
0956	6	1	39493		SPRING CANYON RV DUMP STATION	ADJACENT TO ROUTE 0201 (SPRING CANYON RV CAMPGROUND ROAD)		SOUTH	PUBLIC	2,651	AS	6A
0957	NC		99144		KELLER FERRY HOUSEBOAT PARKING LOT	FROM ROUTE 0408 (KELLER FERRY MAINTENANCE SHOP ROAD)	TO ROUTE 0260 (KELLER FERRY FLOATING DOCK HOUSE ROAD)	SOUTH	PUBLIC	100,300	GR	
0958	6	1	99148		KELLER FERRY STORE PARKING LOT	FROM ROUTE 0202 (KELLER FERRY CAMPGROUND ROAD)	TO ROUTE 0202 (KELLER FERRY CAMPGROUND ROAD)	SOUTH	PUBLIC	41,629	AS	5A
0959	6	1	99738		GIFFORD COMFORT STATION LOOP PARKING	FROM ROUTE 0244A (GIFFORD CAMPGROUND ROAD)	TO ROUTE 0244A (GIFFORD CAMPGROUND ROAD)	NORTH	PUBLIC	4,818	AS	2B
0961	6	1	108153		EVANS DUMP STATION	ADJACENT TO ROUTE 0204 (EVANS CAMPGROUND ROAD)		NORTH	PUBLIC	3,146	AS	1C
0962ZZ	6	1	39242		BRADBURY BEACH DAY USE PARKING AREA COMPLEX	ADJACENT TO ROUTE 0212 (BRADBURY DAY USE AREA ROAD)		NORTH	PUBLIC	22,160	AS	1G
0963	6	1	92346		GIFFORD MAINTENANCE AREA	FROM ROUTE 0211 (GIFFORD CAMPGROUND ACCESS ROAD) AT MP 0.16 ON RIGHT	TO PARKING	NORTH	NONPUBLIC	18,125	AS	2В
0964	6	1	114471		SPRING CANYON GROUPSITE #2 PARKING	FROM ROUTE 0238 (SPRING CANYON CAMPGROUND ROAD)	TO PARKING	SOUTH	PUBLIC	18,526	AS	6A
0965	6	1	233425		NAPOLEON BRIDGE BOAT LAUNCH PARKING	FROM KETTLE RIVER ROAD (UNPAVED)	TO PARKING	NORTH	PUBLIC	30,959	AS	1
0966	NC				PORCUPINE BAY CAMPGROUND PARKING	FROM ROUTE 0209 (PORCUPINE BAY CAMPGROUND ROAD)	TO PARKING	SOUTH	PUBLIC		GR	

Page 14 of 15 Report Date: 0		Cycle 6 NPS / RIP Rou (Numerical By Summary Route and S	Federal Lands Highway Road Inventory Program	
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 fror	n 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

### Cycle 6 Summary Totals for Lake Roosevelt National Recreation Area

Cycle 6 Route Totals							
	NPS Maintained	Concessionaire Maintained	Park Totals				
Paved Roads, Data Collection Vehicle Rated (Miles)	18.83	0.09	18.92				
Paved Roads, Manually Rated Length (Miles)	0	0	0				
Paved Roads, Manually Rated Area (Sq. Ft.)	0	0	0				
Unpaved Roads (Miles)	3.57	0.25	3.82				
Paved Parking (Sq. Ft.)	1,671,589	41,629	1,713,218				
Unpaved Parking (Sq. Ft.)	23,780	100,300	124,080				

Cycle 6 Lane Miles and Overall Pavement Condition						
	Lanes Miles*	Pavement Condition Rating**				
Data Collection Vehicle Routes	31.99	81				
Manually Rated Roads	0	N/A				
Parking Areas	29.50	73				

 $^{*}$  Equivalent Lane Miles are calculated by route using the following equations:

\*\*Parking and Manually Rated Routes are assigned the following PCR values based on the type of observed distresses:

- DCV and MRLs = - MRPs and PKGs =

- (PAVE\_WIDTH x PAVED\_MI) / 11 foot lane
   SQ\_FEET / 5280 / 11 foot lane
- -Excellent = 97 -Good = 90 -Fair = 73 -Poor = 53, 30, or 0 -Construction / Not Rated = -1

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### Cycle 6 NPS / RIP Route ID Report

Report Date: 04/27/2016

(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:		-	DCV = Data Collection Vehicle

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

MRL = Manually Rated Line MRP = Manually Rated Polygon

PKG = Parking Areas

NC = Not Collected

### General Park Road Functional Classification (FC) Table

FC	Туре	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 BR - Brick or Pavers Road Bed
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	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 GR - Gravel Road Bed
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	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.

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Report Date: 04/27/2016

### NPS / RIP Subcomponent Details for LARO

(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 Inv	rentory Program (RIP).	DCV = Data Collection Vehicle MRL = Manually Rated Line MRP = Manually Rated Polygon PKG = Parking Areas NC = Not Collected

				Ę	SUMMARY ROUTE INVEN	ITORY FOR PARKING AREAS (1300	SERIES FMSS LOCATIONS)			
Route	Route FMSS Number Number			cessic		Route Description			Area	
Number	Number	C ye	Itero	Con	Route Name	From To			(SQ FT)	
0902ZZ	39278	6	1		SPRING CANYON DAY USE PARKING AREA COMPLEX	ADJACENT TO ROUTE 0200 (SPRING CANYON ROAD) ON LEFT AND RIGHT		PUBLIC	54,093	
0907ZZ	39284	6	1		FORT SPOKANE BOAT LAUNCH PARKING	FROM ROUTE 0203 (FORT SPOKANE CAMPGROUND ROAD) ON LEFT AND RIGHT	TO PARKING	PUBLIC	112,173	
0909ZZ	39287	6	1		FORT SPOKANE PICNIC LOOP PARKING AREA COMPLEX	ADJACENT TO ROUTE 0101 (FORT SPOKANE PICNIC AREA LOOP ROAD)		PUBLIC	24,888	
0913ZZ	39095	6	1		KETTLE FALLS FACILITIES PARKING AREA	FROM END OF ROUTE 0255 (KETTLE FALLS FACILITIES ROAD)	TO PARKING	NONPUBLIC	42,875	
0914ZZ	39093	6	1		KETTLE FALLS DAY USE PARKING AREA COMPLEX	ADJACENT TO ROUTE 0205 (KETTLE FALLS PICNIC ROAD) ON LEFT AND RIGHT		PUBLIC	27,210	
0934ZZ	39261	6	1		HUNTERS GROUP CAMPGROUND PARKING AREA COMPLEX	ADJACENT TO ROUTE 0243 (HUNTERS GROUP CAMP LOOP) ON LEFT AND RIGHT		PUBLIC	5,343	
0937ZZ	108155	6	1		BRADBURY BEACH BOAT LAUNCH PARKING AREA COMPLEX	FROM ROUTE 0259 (BRADBURY DAY USE ACCESS ROAD)	TO PARKING	PUBLIC	24,845	
0951ZZ	39262	6	1		SEVEN BAYS UPPER STORE / RESTAURANT PARKING	FROM GRAVEL STORE / RESTAURANT PARKING LOT	TO PARKING	PUBLIC	4,994	
0962ZZ	39242	6	1		BRADBURY BEACH DAY USE PARKING AREA COMPLEX	ADJACENT TO ROUTE 0212 (BRADBURY DAY USE AREA ROAD)		PUBLIC	22,160	

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### NPS / RIP Subcomponent Details for LARO

(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	n the NPS and was not collected by the Road In	ventory Program (RIP).	DCV = Data Collection Vehicle MRL = Manually Rated Line MRP = Manually Rated Polygon PKG = Parking Areas NC = Not Collected

# LARO Lake Roosevelt National Recreation Area

#### LARO-0902ZZ Subcomponent Breakdown

Route	FMSS Number	cle lected	lteration Collected			Route Do	escription	User	Area
Number	Number	ůů	Lter Col	ŝ	Route Name	From	То	Access	(SQ FT)
0902AZ	39278	6	1		SPRING CANYON DAY USE PARKING A	ADJACENT TO ROUTE 0200 (SPRING CANYON ROAD) AT MP 1.35 ON LEFT		PUBLIC	6,406
0902BZ	39278	6	1		SPRING CANYON DAY USE PARKING B	ADJACENT TO ROUTE 0200 (SPRING CANYON ROAD) AT MP 1.35 ON RIGHT		PUBLIC	5,695
0902CZ	39278	6	1		SPRING CANYON DAY USE PARKING C	ADJACENT TO ROUTE 0200 (SPRING CANYON ROAD) AT MP 1.41 ON LEFT		PUBLIC	5,638
0902DZ	39278	6	1		SPRING CANYON DAY USE PARKING D	ADJACENT TO ROUTE 0200 (SPRING CANYON ROAD) AT MP 1.41 ON RIGHT		PUBLIC	5,986
0902EZ	39278	6	1		SPRING CANYON DAY USE PARKING E	FROM ROUTE 0200 (SPRING CANYON ROAD) AT MP 1.45 ON LEFT	TO ROUTE 0902H (SPRING CANYON BOAT LAUNCH PARKING H)	PUBLIC	27,078
0902FZ	39278	6	1		SPRING CANYON DAY USE PARKING F	ADJACENT TO ROUTE 0200 (SPRING CANYON ROAD) AT MP 1.45 ON RIGHT		PUBLIC	3,290

### LARO-0907ZZ Subcomponent Breakdown

R	Route FMSS e g a second a seco		User	Area						
Nu	umber	Number	င်္ဂ	lter Coll	Con	Route Name	From	То	Access	(SQ FT)
09	07AZ	39284	6	1		FORT SPOKANE BOAT LAUNCH PARKING A	FROM ROUTE 0203 (FORT SPOKANE CAMPGROUND ROAD)	TO PARKING	PUBLIC	98,668
09	907BZ	39284	6	1		FORT SPOKANE BOAT LAUNCH PARKING B	ADJACENT TO ROUTE 0203 (FORT SPOKANE CAMPGROUND ROAD)		PUBLIC	13,505

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### NPS / RIP Subcomponent Details for LARO

(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 Inv	ventory Program (RIP).	DCV = Data Collection Vehicle MRL = Manually Rated Line MRP = Manually Rated Polygon PKG = Parking Areas NC = Not Collected

# LARO Lake Roosevelt National Recreation Area

#### LARO-0909ZZ Subcomponent Breakdown

Route Number	FMSS Number	Cycle Collected	lteration Collected	Concession	Route Name	Route De	escription To	User Access	Area (SQ FT)
0909AZ	39287	6	1			ADJACENT TO ROUTE 0101 (FORT SPOKANE PICNIC AREA LOOP ROAD) AT MP 0.09 ON RIGHT		PUBLIC	3,403
0909BZ	39287	6	1		FORT SPOKANE PICNIC LOOP PARKING B	ADJACENT TO ROUTE 0101 (FORT SPOKANE PICNIC AREA LOOP ROAD) AT MP 0.11 ON RIGHT		PUBLIC	14,205
0909CZ	39287	6	1		FORT SPOKANE PICNIC LOOP PARKING C	ADJACENT TO ROUTE 0101 (FORT SPOKANE PICNIC AREA LOOP ROAD) AT MP 0.11 ON LEFT		PUBLIC	7,280

LARO-	ARO-0913ZZ Subcomponent Breakdown											
Route Number	FMSS Number	Cycle Collected	lteration Collected	Concessio	Route Name	Route De	escription To	User Access	Area (SQ FT)			
0913AZ	39095	6	1		KETTLE FALLS FACILITIES PARKING A	FROM END OF ROUTE 0255 (KETTLE FALLS FACILITIES ROAD)	TO PARKING	NONPUBLIC	39,676			
0913BZ	39095	6	1		KETTLE FALLS FACILITIES PARKING B	ADJACENT TO END OF ROUTE 0255 (KETTLE FALLS FACILITIES ROAD) ON RIGHT		NONPUBLIC	2,016			
0913CZ	39095	6	1		KETTLE FALLS FACILITIES PARKING C	ADJACENT TO END OF ROUTE 0255 (KETTLE FALLS FACILITIES ROAD) ON LEFT		NONPUBLIC	1,183			

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### NPS / RIP Subcomponent Details for LARO

(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	ventory Program (RIP).	DCV = Data Collection Vehicle MRL = Manually Rated Line MRP = Manually Rated Polygon PKG = Parking Areas NC = Not Collected	

# LARO Lake Roosevelt National Recreation Area

#### LARO-0914ZZ Subcomponent Breakdown

Route Number	FMSS Number	Cycle Collected	lteration Collected	Concession	Route Name	Route De	scription To	User Access	Area (SQ FT)
0914AZ	39093	6	1		KETTLE FALLS DAY USE AREA PARKING A	ADJACENT TO ROUTE 0205 (KETTLE FALLS PICNIC ROAD) ON LEFT		PUBLIC	12,128
0914BZ	39093	6	1		KETTLE FALLS DAY USE AREA PARKING B	ADJACENT TO ROUTE 0205 (KETTLE FALLS PICNIC ROAD) ON RIGHT		PUBLIC	15,082

LARO-	LARO-0934ZZ Subcomponent Breakdown											
Route	FMSS	le lected	ation lected	Icessio		Route D	escription	User	Area			
Route Number	Number	ပိုင်	Coll	Con	Route Name	From	То	Access	(SQ FT)			
0934AZ	39261	6	1		HUNTERS GROUP CAMPGROUND PARKING A	ADJACENT TO ROUTE 0243 (HUNTERS GROUP CAMP LOOP) ON LEFT		PUBLIC	2,277			
0934BZ	39261	6	1		HUNTERS GROUP CAMPGROUND PARKING B	ADJACENT TO ROUTE 0243 (HUNTERS GROUP CAMP LOOP) ON RIGHT		PUBLIC	3,066			

LARO-	ARO-0937ZZ Subcomponent Breakdown											
Route	te FMSS		ation lected	Icessio		Route Description		User	Area			
Number	Number	Cycl	Col Col	Cor	Route Name	From	То	Access	(SQ FT)			
0937AZ	108155	6	1		BRADBURY BEACH BOAT LAUNCH PARKING A	FROM ROUTE 0259 (BRADBURY DAY USE ACCESS ROAD)	TO ROUTE 0259 (BRADBURY DAY USE ACCESS ROAD)	PUBLIC	14,214			
0937BZ	108155	6	1		BRADBURY BEACH BOAT LAUNCH PARKING B	FROM END OF ROUTE 0259 (BRADBURY DAY USE ACCESS ROAD)	TO PARKING	PUBLIC	10,631			

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### NPS / RIP Subcomponent Details for LARO

(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 Inv	rentory Program (RIP).	DCV = Data Collection Vehicle MRL = Manually Rated Line MRP = Manually Rated Polygon PKG = Parking Areas NC = Not Collected

# LARO Lake Roosevelt National Recreation Area

#### LARO-0951ZZ Subcomponent Breakdown

Route	FMSS	le ected	ation lected	Icession		Route De	scription	User	Area
Numbe	Number	ပိုင်	lterati Collec	Con	Route Name	From	То	Access	(SQ FT)
0951AZ	39262	6	1		SEVEN BAYS UPPER STORE / RESTAURANT PARKING A	FROM GRAVEL STORE / RESTAURANT PARKING LOT	TO PARKING	PUBLIC	2,214
0951BZ	39262	6	1		SEVEN BAYS UPPER STORE / RESTAURANT PARKING B	FROM GRAVEL STORE / RESTAURANT PARKING LOT	TO PARKING	PUBLIC	2,780

LARO-	0962ZZ	Z Su	bco	mp	onent Breakdown				
Route					User	Area			
Number	Number	လို ဖြ	Col Col	Š	Route Name	From	То	Access	(SQ FT)
0962AZ	39242	6	1		BRADBURY BEACH DAY USE LOWER PARKING	FROM ROUTE 0212 (BRADBURY DAY USE AREA ROAD)	TO ROUTE 0212 (BRADBURY DAY USE AREA ROAD)	PUBLIC	15,046
0962BZ	39242	6	1		BRADBURY BEACH DAY USE UPPER PARKING	ADJACENT TO ROUTE 0212 (BRADBURY DAY USE AREA ROAD)		PUBLIC	7,114

## Route Identification Changes to Paved Routes from Previous Cycle Lake Roosevelt National Recreation Area

Route No.	Route Name	Type of Change	Comments
0933	PORCUPINE BAY RV DUMP STATION PARKING	OTHER	DUMP STATION FROM CYCLE 3 WAS REMOVED II PREVIOUS INVENTORIES. IT WAS ADDED BACK T THE INVENTORY IN CYCLE 6 IN ORDER TO ALIGN WITH FMSS.
0949	GIFFORD CAMPGROUND DUMP STATION	OTHER	DUMP STATION FROM CYCLE 3 WAS REMOVED IN PREVIOUS INVENTORIES. IT WAS ADDED BACK T THE INVENTORY IN CYCLE 6 IN ORDER TO ALIGN WITH FMSS.
0950	KETTLE FALLS DUMP STATION	OTHER	DUMP STATION FROM CYCLE 3 WAS REMOVED IN PREVIOUS INVENTORIES. IT WAS ADDED BACK T THE INVENTORY IN CYCLE 6 IN ORDER TO ALIGN WITH FMSS.
0951ZZ	SEVEN BAYS UPPER STORE / RESTAURANT PARKING	OTHER	PARKING LOT FOR STORE AND RESTAURANT WA ADDED DURING CYCLE 6 ROUTE ID MEETING.
0954	FORT SPOKANE CAMPGROUND DUMP STATION	OTHER	DUMP STATION FROM CYCLE 3 WAS REMOVED IN PREVIOUS INVENTORIES. IT WAS ADDED BACK T THE INVENTORY IN CYCLE 6 IN ORDER TO ALIGN WITH FMSS.
0955	HUNTERS RV DUMP STATION	OTHER	DUMP STATION FROM CYCLE 3 WAS REMOVED IN PREVIOUS INVENTORIES. IT WAS ADDED BACK T THE INVENTORY IN CYCLE 6 IN ORDER TO ALIGN WITH FMSS.
0956	SPRING CANYON RV DUMP STATION	OTHER	DUMP STATION FROM CYCLE 3 WAS REMOVED IN PREVIOUS INVENTORIES. IT WAS ADDED BACK T THE INVENTORY IN CYCLE 6 IN ORDER TO ALIGN WITH FMSS.
0961	EVANS DUMP STATION	OTHER	DUMP STATION FROM CYCLE 3 WAS REMOVED IN PREVIOUS INVENTORIES. IT WAS ADDED BACK T THE INVENTORY IN CYCLE 6 IN ORDER TO ALIGN WITH FMSS.
5001	HUNTERS CAMPGROUND ROAD (NON NPS)	OTHER	NON-NPS ROAD ADDED TO THE INVENTORY IN CYCLE 6.
5002	SEVEN BAYS ROAD	OTHER	NON-NPS ROAD ADDED TO THE INVENTORY IN CYCLE 6.
5003	KETTLE PARK ROAD (BOISE ROAD)	OTHER	NON-NPS ROAD ADDED TO THE INVENTORY IN CYCLE 6.
5021	STATE ROUTE 21	OTHER	NON-NPS ROAD ADDED TO THE INVENTORY IN CYCLE 6.
5025	STATE ROUTE 25	OTHER	NON-NPS ROAD ADDED TO THE INVENTORY IN CYCLE 6.

## Route Identification Changes to Paved Routes from Previous Cycle Lake Roosevelt National Recreation Area

	ROUT	'ES MODIFIED FROM PF	REVIOUS INVENTORY:
Route No.	Route Name	Type of Change	Comments
0203	FORT SPOKANE CAMPGROUND ROAD	ROUTE SPLIT	CYCLE 5 ROUTE 0907 WAS SPLIT INTO ROUTES 0203 AND 0907ZZ BECAUSE THE ROAD IS MANAGED SEPARATELY FROM THE PARKING AREAS.
0907ZZ	FORT SPOKANE BOAT LAUNCH PARKING	ROUTE SPLIT	CYCLE 5 ROUTE 0907 WAS SPLIT INTO ROUTES 0203 AND 0907ZZ BECAUSE THE ROAD IS MANAGED SEPARATELY FROM THE PARKING AREAS.
0911B	KETTLE FALLS BOAT LAUNCH PARKING B	SURFACE TYPE CHANGE	PARKING LOT WAS CHANGED TO GRAVEL AND EXTENDED IN SIZE PRIOR TO CYCLE 6 COLLECTION.
5218	ST PAUL'S MISSION ROAD	OTHER	THE DATA COLLECTION VEHICLE RECOLLECTED ONLY THE PAVED PORTION OF THIS ROAD IN CYCLE 6. THE PAVED AND UNPAVED LENGTHS WERE UPDATED.

# Section 3 Park Summary Information





### Parkwide Paved Route Condition Summary Lake Roosevelt National Recreation Area

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

	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					
2	1.80	3.29	2.92	2.53	10.54
3	0.40	1.51	1.65	2.98	6.54
4					
5	0.19	0.24	0.08	0.02	0.53
6	0.04	0.05	0.06	0.06	0.21
7					
8					
Total Mileage by PCR	2.43	5.09	4.71	5.59	17.82
		PAVED P	ARKING		
Access Level	Area (sq. ft.)	Area (sq. ft.)	Area (sq. ft.)	Area (sq. ft.)	Total Area
PUBLIC	730,783	147,857	700,199	64,594	1,643,433
NONPUBLIC	8,785		61,000		69,785
Total Area by PCR	739,568	147,857	761,199	64,594	1,713,218

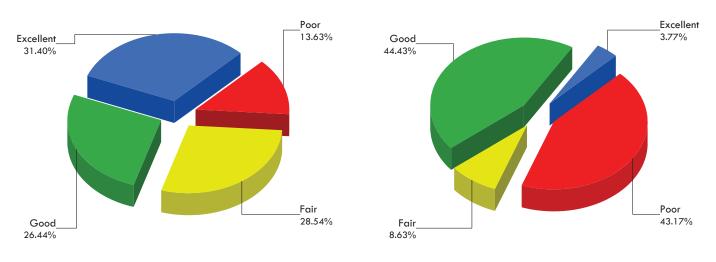
#### Breakdown of Pavement Condition Rating (PCR) Based on Access Level

#### 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.

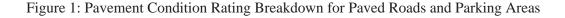
3. Quantities in the table above are derived from the route condition data within the PMS\_20, PMS\_MRL, PMS\_MRP, and PMS\_PKG tables in the Park geodatabase.



#### **Parkwide Condition Percentages**

**Road Condition Percentages** 

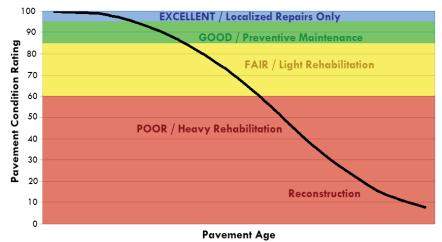
**Parking Area Condition Percentages** 



#### **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
  - 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
  - Pavements in this range will likely be candidates of Heavy Rehabilitation or Reconstruction (H3R or 4R).
     Examples include Pulverization, Multiple Lift Overlays, and Reconstruction.



#### CONDITION CATEGORIES AND TREATMENTS

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.



Road Condition Summary Report for Data Collection Vehicle (DCV) Rated Roads

### Lake Roosevelt National Recreation Area

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 No.	<u>Route-</u> FMSS No.	Level Condition for Roads Rated with the Data Colle Route Name	ection Vehicle (DCV) Functional Class	l Surf. Type	Paved Length (Miles)	Pavement Condition Rating (PCR)	Roughness Condition Index (RCI)	Surface Condition Rating (SCR)	Structural Crack Index	or Crack I	Longitudinal Cracking Index	Transverse Cracking Index	Patch / Pothole Index	Rutting Index
LARO-0100	4025	KETTLE FALLS ENTRANCE ROAD	2	AS	1.81	82	66	92	95	99	96	98	100	92
LARO-0101	108114	FORT SPOKANE PICNIC AREA LOOP ROAD	2	AS	0.38	77	NR	77	91	100	91	77	100	95
LARO-0200	9889	SPRING CANYON ROAD	2	AS	1.64	47	63	37	82	100	82	37	100	94
LARO-0201	39212	SPRING CANYON RV CAMPGROUND ROAD	3	AS	0.12	75	NR	75	88	100	88	75	100	93
LARO-0202	9914	KELLER FERRY CAMPGROUND ROAD	3	AS	0.54	79	NR	79	97	99	98	79	100	97
LARO-0203	9969	FORT SPOKANE CAMPGROUND ROAD	3	AS	0.12	77	NR	77	84	100	84	77	100	97
LARO-0204	00001368	EVANS CAMPGROUND ROAD	2	AS	0.38	98	NR	98	99	100	99	98	99	98
LARO-0205	39102	KETTLE FALLS PICNIC ROAD	2	AS	0.38	49	NR	49	82	100	82	49	100	95
LARO-0206	39101	KETTLE FALLS MARINA ACCESS ROAD	3	AS	0.20	52	NR	52	92	100	92	52	100	95
LARO-0207	39092	KETTLE FALLS CAMPGROUND ROAD	3	AS	0.29	90	NR	90	99	100	99	90	100	99
LARO-0208	39213	HAWK CREEK CAMPGROUND ROAD	2	AS	0.24	85	NR	85	85	100	85	94	100	92
LARO-0209	10010	PORCUPINE BAY CAMPGROUND ROAD	2	AS	0.34	90	NR	90	99	100	99	90	100	97
LARO-0210	00001508	HUNTERS CAMPGROUND ACCESS ROAD	2	AS	0.51	77	51	94	100	100	100	100	100	94
LARO-0211	00002813	GIFFORD CAMPGROUND ACCESS ROAD	2	AS	0.29	95	NR	95	99	100	99	99	100	95
LARO-0212	3915	BRADBURY DAY USE AREA ROAD	2	AS	0.31	97	NR	97	97	100	97	100	100	97
LARO-0213	3885	MARCUS ISLAND CAMPGROUND ENTRANCE ROAD	2	AS	1.88	83	60	98	100	100	100	100	100	98
LARO-0214	3859	NORTH GORGE CAMPGROUND ROAD	2	AS	0.18	NR	NR	NR	NR	NR	NR	NR	NR	NR
LARO-0215A	3892	KAMLOOPS ISLAND CAMPGROUND ROAD	3	AS	0.26	98	NR	98	100	100	100	100	100	98
LARO-0215B	105456	KAMLOOPS ISLAND CAMPGROUND LOOP	3	AS	0.09	NR	NR	NR	NR	NR	NR	NR	NR	NR



Road Condition Summary Report for Data Collection Vehicle (DCV) Rated Roads

#### Lake Roosevelt National Recreation Area

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 No.	<u>Route-</u> FMSS No.	Level Condition for Roads Rated with the Data Collec	<u>tion Vehicle (DCV)</u> Functiona Class	l Surf. Type	Paved Length (Miles)	Pavement Condition Rating (PCR)	Roughness Condition Index (RCI)	Surface Condition Rating (SCR)	Structural Crack Index	or Crack I	Longitudinal Cracking Index	Transverse Cracking Index	Patch / Pothole Index	Rutting Index
LARO-0217	39107	KETTLE RIVER CAMPGROUND ROAD	2	AS	0.97	92	82	98	100	100	100	100	100	98
LARO-0221	39216	SEVEN BAYS MARINA ACCESS ROAD	2	AS	0.28	94	NR	94	94	99	95	98	100	95
LARO-0222	39217	FORT SPOKANE VISITOR CENTER ACCESS ROAD	3	AS	0.26	71	NR	71	77	94	83	71	100	96
LARO-0223	39218	FORT SPOKANE FACILITIES ROAD	5	AS	0.14	75	NR	75	75	90	85	76	100	89
LARO-0227	3922	DAISY BOAT LAUNCH ACCESS ROAD	2	AS	0.35	98	NR	98	99	100	99	100	100	98
LARO-0231	39220	KELLER FERRY CAMPGROUND ENTRANCE ROAD	2	AS	0.06	88	NR	88	97	100	97	88	100	100
LARO-0232	39221	FORT SPOKANE CAMPGROUND ENTRANCE ROAD	2	AS	0.27	94	NR	94	98	100	98	94	100	95
LARO-0232A	108117	FORT SPOKANE CAMPGROUND LOOP A	3	AS	0.26	94	NR	94	99	100	99	97	100	94
LARO-0232B	108119	FORT SPOKANE CAMPGROUND LOOP B	3	AS	0.18	90	NR	90	98	100	98	90	100	91
LARO-0232C	108120	FORT SPOKANE CAMPGROUND LOOP C	3	AS	0.30	97	NR	97	100	100	100	98	100	97
LARO-0232D	108121	FORT SPOKANE CAMPGROUND LOOP D	3	AS	0.15	NR	NR	NR	NR	NR	NR	NR	NR	NR
LARO-0232E	108122	FORT SPOKANE CAMPGROUND LOOP E	3	AS	0.09	91	NR	91	93	100	93	91	100	92
LARO-0232F	108123	FORT SPOKANE CAMPGROUND LOOP F	3	AS	0.09	NR	NR	NR	NR	NR	NR	NR	NR	NR
LARO-0233	9958	HAWK CREEK CAMPGROUND LOOP	3	AS	0.21	89	NR	89	99	100	99	99	100	89
LARO-0238	39222	SPRING CANYON CAMPGROUND ROAD	3	AS	0.29	76	NR	76	96	100	96	76	100	97
LARO-0238A	108126	SPRING CANYON CAMPGROUND CONNECTOR A	3	AS	0.04	68	NR	68	99	100	99	68	100	94
LARO-0238B	108133	SPRING CANYON CAMPGROUND CONNECTOR B	3	AS	0.03	71	NR	71	100	100	100	71	100	98
LARO-0238C	108135	SPRING CANYON CAMPGROUND CONNECTOR C	3	AS	0.06	83	NR	83	95	100	95	83	100	96
LARO-0239	39223	KELLER FERRY CAMPGROUND LOOP	3	AS	0.16	96	NR	96	99	100	99	96	100	96



Road Condition Summary Report for Data Collection Vehicle (DCV) Rated Roads

#### Lake Roosevelt National Recreation Area

Condition (Rating / Index) Legend

EXCELLENT (95 - 100)
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POOR (0 - 60)
NR = NOT RATED

Notes:

• This condition summary report contains only the roads rated with the Data Collection Vehicle (DCV).

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• Refer to the RIP Report Appendix for an explanation of the rating system and rating methods.

Route No.	<u>Route-</u> FMSS No.	Level Condition for Roads Rated with the Data Collect Route Name	t <mark>ion Vehicle (DCV)</mark> Functiona Class	l Surf. Type	Paved Length (Miles)	Pavement Condition Rating (PCR)	Roughness Condition Index (RCI)	Surface Condition Rating (SCR)	Structural Crack Index	or Crack I	Longitudinal Cracking Index	Transverse Cracking Index	Patch / Pothole Index	Rutting Index
LARO-0240A	39224	PORCUPINE BAY CAMPGROUND MAIN ROAD	3	AS	0.25	85	NR	85	98	100	98	85	100	95
LARO-0240B	105457	PORCUPINE BAY CAMPGROUND LOOP ROAD	3	AS	0.16	94	NR	94	99	100	99	99	100	94
LARO-0241	39289	HUNTERS CAMPGROUND ROAD	3	AS	0.33	98	NR	98	100	100	100	99	100	98
LARO-0241A	105454	HUNTERS CAMPGROUND CONNECTOR ROAD	3	AS	0.03	99	NR	99	99	100	99	99	100	99
LARO-0242	39282	HUNTERS BOAT LAUNCH ACCESS ROAD	2	AS	0.51	97	NR	97	99	100	99	100	100	97
LARO-0243	39290	HUNTERS GROUP CAMP LOOP	3	AS	0.21	95	NR	95	100	100	100	100	100	95
LARO-0244A	39256	GIFFORD CAMPGROUND ROAD	3	AS	0.33	97	NR	97	100	100	100	100	100	97
LARO-0244B	105433	GIFFORD CAMPGROUND LOOP B	3	AS	0.09	96	NR	96	100	100	100	100	100	96
LARO-0244C	105440	GIFFORD CAMPGROUND LOOP C	3	AS	0.15	98	NR	98	100	100	100	100	100	98
LARO-0244D	105441	GIFFORD CAMPGROUND LOOP D	3	AS	0.09	97	NR	97	100	100	100	99	100	97
LARO-0244E	105442	GIFFORD CAMPGROUND LOOP E	3	AS	0.08	99	NR	99	100	100	100	100	100	99
LARO-0244F	105443	GIFFORD CAMPGROUND EXIT SPUR	3	AS	0.02	91	NR	91	100	100	100	100	100	91
LARO-0246	3889	SNAG COVE CAMPGROUND LOOP	3	AS	0.09	NR	NR	NR	NR	NR	NR	NR	NR	NR
LARO-0248	39359	NORTH GORGE CAMPGROUND SPUR	3	AS	0.06	NR	NR	NR	NR	NR	NR	NR	NR	NR
LARO-0249A	39249	EVANS CAMPGROUND LOOP A	3	AS	0.22	97	NR	97	100	100	100	99	100	97
LARO-0249B	105455	EVANS CAMPGROUND LOOP B	3	AS	0.12	95	NR	95	100	100	100	100	100	95
LARO-0250	39308	MARCUS ISLAND CAMPGROUND LOOP	3	AS	0.11	NR	NR	NR	NR	NR	NR	NR	NR	NR
LARO-0251A	39091	KETTLE FALLS CAMPGROUND LOOP 1	3	AS	0.18	96	NR	96	98	100	98	99	100	96
LARO-0251B	105444	KETTLE FALLS CAMPGROUND LOOP 2	3	AS	0.21	NR	NR	NR	NR	NR	NR	NR	NR	NR



Road Condition Summary Report for Data Collection Vehicle (DCV) Rated Roads

#### Lake Roosevelt National Recreation Area

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 No.	<u>Route-</u> FMSS No.	Level Condition for Roads Rated with the Data Collection Veh	ticle (DCV) Functiona Class	ıl 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
LARO-0251C	105445	KETTLE FALLS CAMPGROUND LOOP 3	3	AS	0.24	93	NR	93	98	100	98	93	100	96
LARO-0252	39099	KETTLE FALLS LOCUST GROVE GROUP CAMPGROUND ROAD	3	AS	0.30	94	NR	94	94	100	94	94	100	95
LARO-0253	39098	KETTLE FALLS LIONS ISLAND SPUR	3	AS	0.14	77	NR	77	77	98	79	98	99	87
LARO-0255	39096	KETTLE FALLS FACILITIES ROAD	5	AS	0.06	89	NR	89	97	100	97	89	100	96
LARO-0256	39103	KETTLE FALLS SERVICE ACCESS ROAD	6	AS	0.21	83	NR	83	83	89	94	95	100	95
LARO-0259	108140	BRADBURY DAY USE ACCESS ROAD	3	AS	0.17	99	NR	99	100	100	100	99	100	99
LARO-0260	99141	KELLER FERRY FLOATING DOCK HOUSE ROAD	3	AS	0.09	84	NR	84	99	100	99	84	100	89
LARO-0400	39104	KETTLE FALLS SERVICE / HOUSING ROAD (RIVERSIDE AVENUE)	5	AS	0.24	75	NR	75	75	97	78	89	100	95
LARO-0401	39235	SPRING CANYON SERVICE / HOUSING ROAD	5	AS	0.09	47	NR	47	95	100	95	47	100	94

Note: Route-level ratings of "Not Rated" are given when more than half of the pavement surface is not visible.

Several roads at LARO were covered with debris (leaves / pine needles) at the time of data collection.



# Cycle 6 - Road Inventory Program

**Parking Area Condition Summary Report** 

# Lake Roosevelt National Recreation Area

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 / Index) Legend

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

**Concrete Surface Distresses** 

Asphalt Surface Distresses

						Asphul Johne Disnesses			Concrete Jonace Distresses							
Route No.	FMSS No.	Condition Rating Details for Parking Areas Route Name	User Access	Surf. Type	Area (Sq. Ft.)	Pavement Condition Rating (PCR)	Alligator Cracking	Longitudinal / Tranverse Cracking	Rutting / Distortions	Potholes / Patching	HMA Patching	Surface Raveling / Bleeding	Joint Faulting	Slab Cracking	Joint Distresses Delamination /	Pop-Outs Potholes / Patching
LARO-0900	9878	PARK HEADQUARTERS FACILITIES PARKING	PUBLIC	AS	26,265	53	53	53	90	90	97	90				
LARO-0901	39277	SPRING CANYON HOUSING PARKING	NONPUBLIC	C AS	8,785	53	73	53	90	90	97	90				
LARO-0902AZ	39278	SPRING CANYON DAY USE PARKING A	PUBLIC	AS	6,406	53	90	53	97	97	97	97				
LARO-0902BZ	39278	SPRING CANYON DAY USE PARKING B	PUBLIC	AS	5,695	90	97	90	97	97	97	90				
LARO-0902CZ	39278	SPRING CANYON DAY USE PARKING C	PUBLIC	AS	5,638	53	90	53	97	97	97	90				
LARO-0902DZ	39278	SPRING CANYON DAY USE PARKING D	PUBLIC	AS	5,986	90	90	90	90	97	97	90				
LARO-0902EZ	39278	SPRING CANYON DAY USE PARKING E	PUBLIC	AS	27,078	53	53	53	73	90	97	90				
LARO-0902FZ	39278	SPRING CANYON DAY USE PARKING F	PUBLIC	AS	3,290	53	90	53	73	90	97	90				
LARO-0902G	105463	SPRING CANYON BOAT LAUNCH PARKING G	PUBLIC	AS	41,488	90	90	90	90	97	97	90				
LARO-0902H	108149	SPRING CANYON BOAT LAUNCH PARKING H	PUBLIC	AS	27,648	53	73	53	73	97	97	73				
LARO-0904	39280	SPRING CANYON RV CAMPGROUND PARKING	PUBLIC	AS	53,107	53	90	53	73	90	97	73				
LARO-0905	39281	FORT SPOKANE FACILITIES PARKING	PUBLIC	AS	36,269	53	53	53	73	73	97	90				
LARO-0906	39283	FORT SPOKANE VISITOR CENTER PARKING	PUBLIC	AS	20,030	53	90	53	90	90	97	97				
LARO-0907AZ	39284	FORT SPOKANE BOAT LAUNCH PARKING A	PUBLIC	AS	98,668	53	90	53	90	97	97	97				
LARO-0907BZ	39284	FORT SPOKANE BOAT LAUNCH PARKING B	PUBLIC	AS	13,505	90	97	90	97	97	97	97				
LARO-0908	39286	FORT SPOKANE GROUP CAMP PARKING	PUBLIC	AS	26,325	90	90	90	90	90	97	97				
LARO-0909AZ	39287	FORT SPOKANE PICNIC LOOP PARKING A	PUBLIC	AS	3,403	90	97	90	97	97	97	97				
LARO-0909BZ	39287	FORT SPOKANE PICNIC LOOP PARKING B	PUBLIC	AS	14,205	90	97	90	90	97	97	90				
LARO-0909CZ	39287	FORT SPOKANE PICNIC LOOP PARKING C	PUBLIC	AS	7,280	90	97	90	97	97	97	97				
LARO-0910	39097	KETTLE FALLS INFORMATION CENTER PARKING	PUBLIC	AS	12,924	90	90	90	90	97	90	90				
LARO-0911A	39090	KETTLE FALLS BOAT LAUNCH PARKING A	PUBLIC	AS	81,482	53	73	90	53	73	90	73				
LARO-0911C	105447	KETTLE FALLS BOAT LAUNCH PARKING C	PUBLIC	AS	41,739	73	90	90	73	73	90	73				
LARO-0913AZ	39095	KETTLE FALLS FACILITIES PARKING A	NONPUBLIC	AS AS	39,676	90	90	90	90	97	90	97				
LARO-0913BZ	39095	KETTLE FALLS FACILITIES PARKING B	NONPUBLIC	AS AS	2,016	90	97	90	90	97	97	97				
LARO-0913CZ	39095	KETTLE FALLS FACILITIES PARKING C	NONPUBLIC	AS AS	1,183	90	97	90	90	97	97	97				
LARO-0914AZ	39093	KETTLE FALLS DAY USE AREA PARKING A	PUBLIC	AS	12,128	53	90	53	90	97	97	73				



# Cycle 6 - Road Inventory Program

**Parking Area Condition Summary Report** 

# Lake Roosevelt National Recreation Area

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 / Index) Legend

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

**Concrete Surface Distresses** 

**Asphalt Surface Distresses** 

						<u>Asphan servace pisitesses</u>						Concicie Sofface Distresses				
Route No.	FMSS No.	Condition Rating Details for Parking Areas Route Name	User Access	Surf. Type	Area (Sq. Ft.)	Pavement Condition Rating (PCR)	Alligator Cracking	Longitudinal / Tranverse Cracking	Rutting / Distortions	Potholes / Patching	HMA Patching	Surface Raveling / Bleeding	Joint Faulting	Slab Cracking		Pop-Outs Potholes / Patching
LARO-0914BZ	39093	KETTLE FALLS DAY USE AREA PARKING B	PUBLIC	AS	15,082	73	97	90	90	90	97	73				
LARO-0915	39461	KELLER FERRY BOAT LAUNCH PARKING	PUBLIC	AS	122,483	53	90	53	90	97	97	90				
LARO-0917	39254	GIFFORD BOAT LAUNCH PARKING	PUBLIC	AS	48,623	90	90	90	90	97	97	90				
LARO-0918A	39285	HUNTERS BOAT LAUNCH AREA A PARKING	PUBLIC	AS	33,929	97	97	97	97	97	97	97				
LARO-0918B	39288	HUNTERS BOAT LAUNCH AREA B PARKING	PUBLIC	AS	72,377	90	97	90	97	97	97	97				
LARO-0919	9964	SEVEN BAYS MARINA PARKING	PUBLIC	AS	18,142	90	97	90	97	97	97	90				
LARO-0920	39466	HAWK CREEK BOAT LAUNCH PARKING	PUBLIC	AS	18,901	90	90	90	90	97	97	90				
LARO-0921	9952	LINCOLN MILL BOAT LAUNCH PARKING	PUBLIC	AS	48,153	73	97	90	90	90	97	73				
LARO-0922	39468	HANSON HARBOR BOAT LAUNCH PARKING	PUBLIC	AS	51,206	53	53	53	90	90	97	73				
LARO-0923	39469	PORCUPINE BAY BOAT LAUNCH PARKING	PUBLIC	AS	78,712	53	53	53	73	90	97	73				
LARO-0926	39245	DAISY BOAT LAUNCH PARKING	PUBLIC	AS	26,873	90	90	90	90	97	97	97				
LARO-0927	3856	CHINA BEND BOAT LAUNCH PARKING	PUBLIC	AS	23,874	90	97	90	97	90	97	97				
LARO-0928	39475	KELLER FERRY PICNIC / CAMP AREA PARKING	PUBLIC	AS	36,432	53	73	53	73	90	97	90				
LARO-0929	39353	NORTH GORGE BOAT LAUNCH PARKING	PUBLIC	AS	5,214	90	90	90	90	97	97	97				
LARO-0931	39478	KELLER FERRY RV DUMP STATION PARKING	PUBLIC	AS	2,960	90	97	90	90	90	97	90				
LARO-0932	39483	PORCUPINE BAY DAY USE PARKING	PUBLIC	AS	20,681	53	73	53	73	73	97	90				
LARO-0933	39485	PORCUPINE BAY RV DUMP STATION PARKING	PUBLIC	AS	2,345	90	97	90	90	90	97	90				
LARO-0934AZ	39261	HUNTERS GROUP CAMPGROUND PARKING A	PUBLIC	AS	2,277	97	97	97	97	97	97	97				
LARO-0934BZ	39261	HUNTERS GROUP CAMPGROUND PARKING B	PUBLIC	AS	3,066	90	97	90	97	97	97	97				
LARO-0935	39488	HUNTERS DAY USE PARKING	PUBLIC	AS	25,379	90	97	90	90	97	97	97				
LARO-0936	00002828	CLOVERLEAF CAMPGROUND PARKING	PUBLIC	AS	11,623	90	97	90	97	90	97	97				
LARO-0937AZ	108155	BRADBURY BEACH BOAT LAUNCH PARKING A	PUBLIC	AS	14,214	97	97	97	97	97	97	97				
LARO-0937BZ	108155	BRADBURY BEACH BOAT LAUNCH PARKING B	PUBLIC	AS	10,631	90	97	90	97	90	97	97				
LARO-0938	3913	FRENCH ROCKS BOAT LAUNCH PARKING	PUBLIC	AS	54,841	90	97	97	90	97	97	97				
LARO-0939	39296	KAMLOOPS ISLAND CAMPGROUND LOOP PARKING	PUBLIC	AS	8,219	97	97	97	97	97	97	97				
LARO-0940	39250	EVANS DAY USE PARKING	PUBLIC	AS	40,736	73	90	90	73	97	97	90				



# Cycle 6 - Road Inventory Program

**Parking Area Condition Summary Report** 

### Lake Roosevelt National Recreation Area

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 / Index) Legend

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

**Concrete Surface Distresses** 

**Asphalt Surface Distresses** 

Route No.	FMSS No.	Condition Rating Details for Parking Areas Route Name	User Access	Surf. Type	Area (Sq. Ft.)	Pavement Condition Rating (PCR)	Alligator Cracking	Longitudinal / Tranverse Cracking	Rutting / Distortions	Potholes / Patching	HMA Patching	Surface Raveling / Bleeding	Joint Faulting	Slab Cracking	Joint Distresses	Delamination / Pop-Outs	Potholes / Patching
LARO-0941	39247	EVANS BOAT LAUNCH PARKING	PUBLIC	AS	23,260	53	90	90	53	97	97	97					
LARO-0942	39307	MARCUS ISLAND BOAT LAUNCH PARKING	PUBLIC	AS	17,066	90	97	90	90	97	97	97					
LARO-0943	39309	MARCUS ISLAND CAMPGROUND PARKING	PUBLIC	AS	24,115	90	97	90	90	97	97	97					
LARO-0944	39362	SNAG COVE CAMPGROUND AND BOAT LAUNCH PARKING	PUBLIC	AS	17,651	90	97	90	97	97	97	97					
LARO-0947	39489	SEVEN BAYS BOAT LAUNCH PARKING	PUBLIC	AS	54,700	90	97	97	97	97	97	90					
LARO-0949	39255	GIFFORD CAMPGROUND DUMP STATION	PUBLIC	AS	2,058	90	90	90	97	97	97	97					
LARO-0950	39094	KETTLE FALLS DUMP STATION	PUBLIC	AS	2,147	73	90	90	73	97	90	73					
LARO-0951AZ	39262	SEVEN BAYS UPPER STORE / RESTAURANT PARKING A	PUBLIC	AS	2,214	97	97	97	97	97	97	97					
LARO-0951BZ	39262	SEVEN BAYS UPPER STORE / RESTAURANT PARKING B	PUBLIC	AS	2,780	90	97	90	97	97	97	97					
LARO-0954	39491	FORT SPOKANE CAMPGROUND DUMP STATION	PUBLIC	AS	2,280	90	97	90	90	90	97	90					
LARO-0955	39291	HUNTERS RV DUMP STATION	PUBLIC	AS	3,741	97	97	97	97	97	97	97					
LARO-0956	39493	SPRING CANYON RV DUMP STATION	PUBLIC	AS	2,651	90	97	90	90	90	97	90					
LARO-0958	99148	KELLER FERRY STORE PARKING LOT	PUBLIC	AS	41,629	90	97	90	97	97	97	97					
LARO-0959	99738	GIFFORD COMFORT STATION LOOP PARKING	PUBLIC	AS	4,818	90	97	97	90	97	97	97					
LARO-0961	108153	EVANS DUMP STATION	PUBLIC	AS	3,146	90	90	90	90	97	97	97					
LARO-0962AZ	39242	BRADBURY BEACH DAY USE LOWER PARKING	PUBLIC	AS	15,046	90	90	90	90	97	97	97					
LARO-0962BZ	39242	BRADBURY BEACH DAY USE UPPER PARKING	PUBLIC	AS	7,114	90	97	97	90	97	97	97					
LARO-0963	92346	GIFFORD MAINTENANCE AREA	NONPUBLIC	C AS	18,125	90	97	90	97	97	97	97					
LARO-0964	114471	SPRING CANYON GROUPSITE #2 PARKING	PUBLIC	AS	18,526	90	97	90	97	97	97	97					
LARO-0965	233425	NAPOLEON BRIDGE BOAT LAUNCH PARKING	PUBLIC	AS	30,959	90	97	90	97	97	97	97					

# Section 4 Park Route Location Maps

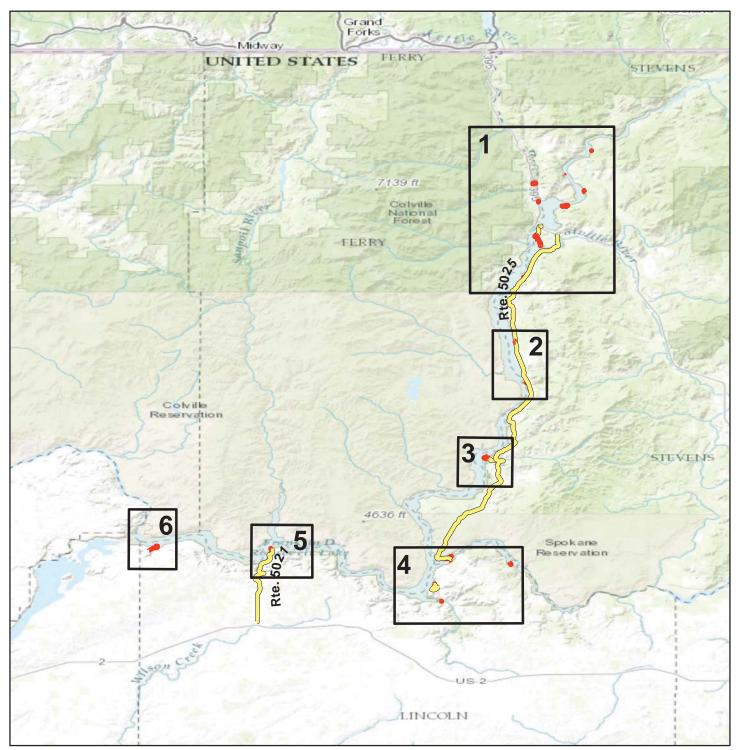


Lake Roosevelt National Recreation Area



**ROUTE LOCATION MAP** 

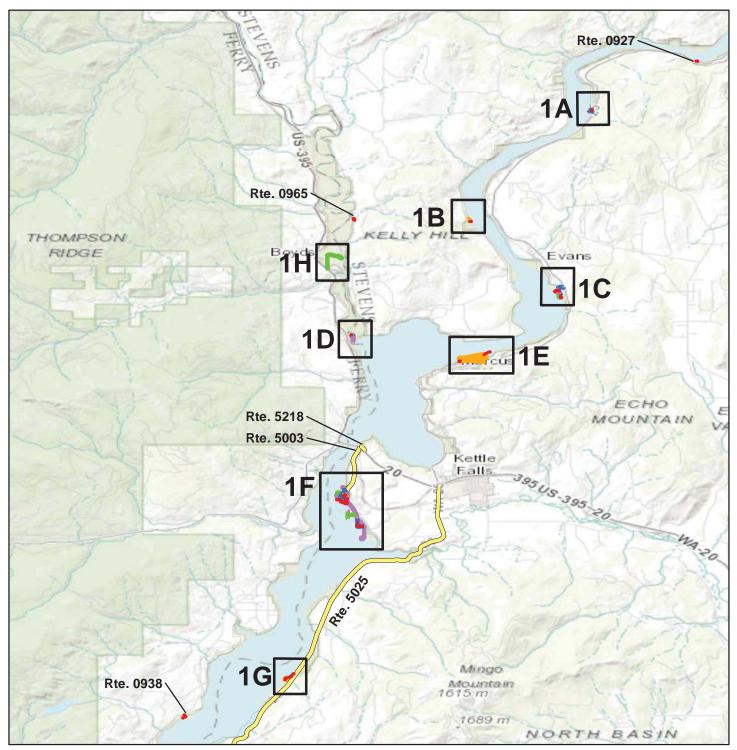
Key Map



	NPS Collected Routes	I	Non-NPS Collected Routes
	Miles		N
0	40	80	
			4-1

**ROUTE LOCATION MAP** 

Map 1



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

### Note: Unique colors are used to differentiate roads.

### Non-NPS Collected Routes



**ROUTE LOCATION MAP** 

Map 1A



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

### Note: Unique colors are used to differentiate roads. Miles 0.2 0.1

### **Non-NPS Collected Routes**

ROUTE LOCATION MAP

Map 1B



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

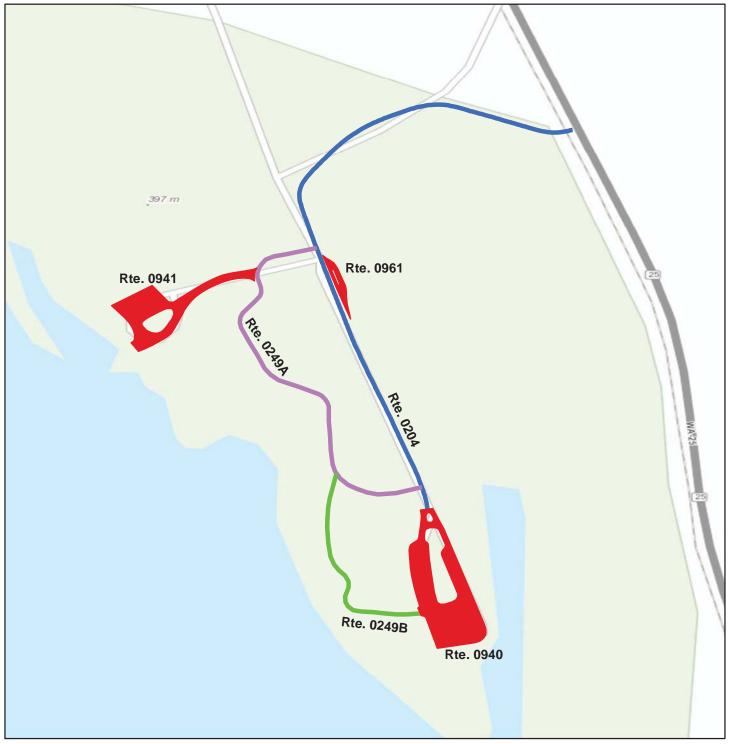
### Note: Unique colors are used to differentiate roads.

### Non-NPS Collected Routes

Miles 0.1

**ROUTE LOCATION MAP** 

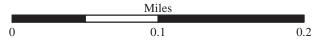
Map 1C



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

### Note: Unique colors are used to differentiate roads.

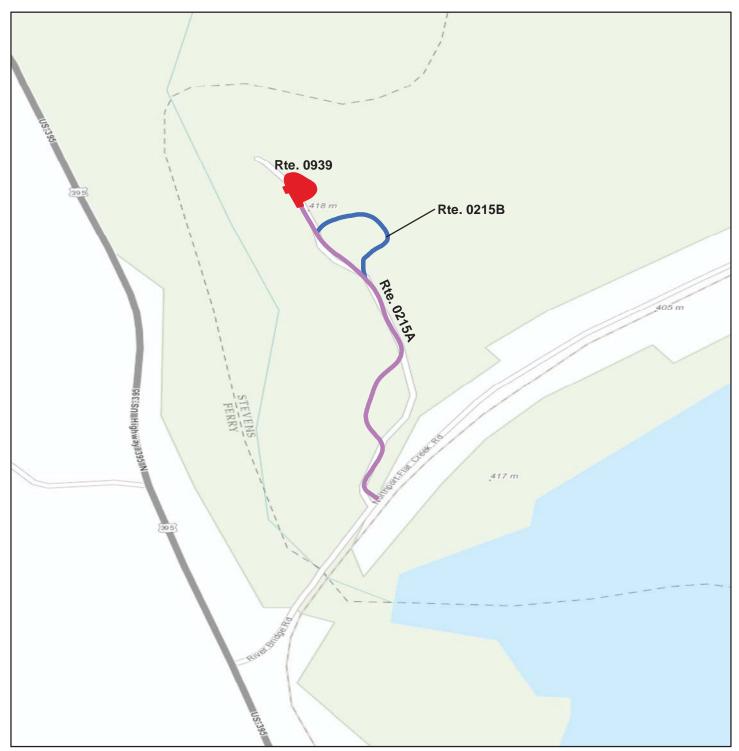
### Non-NPS Collected Routes



4-5

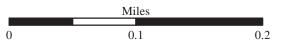
**ROUTE LOCATION MAP** 

Map 1D



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

### Note: Unique colors are used to differentiate roads.



### Non-NPS Collected Routes

**ROUTE LOCATION MAP** 

Map 1E



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

### Note: Unique colors are used to differentiate roads.



### Non-NPS Collected Routes

**ROUTE LOCATION MAP** 

Map 1F



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

0.8

#### Note: Unique colors are used to differentiate roads.

### **Non-NPS Collected Routes**



ROUTE LOCATION MAP Map 1G



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

0.2

### Note: Unique colors are used to differentiate roads.

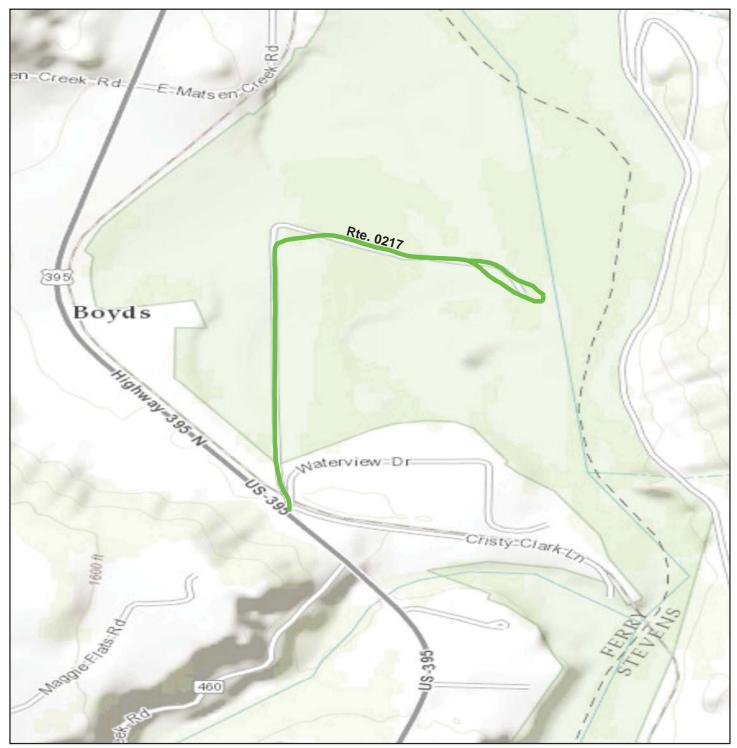
0

### Non-NPS Collected Routes

4-9

**ROUTE LOCATION MAP** 

Map 1H



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

0.6

### Note: Unique colors are used to differentiate roads.

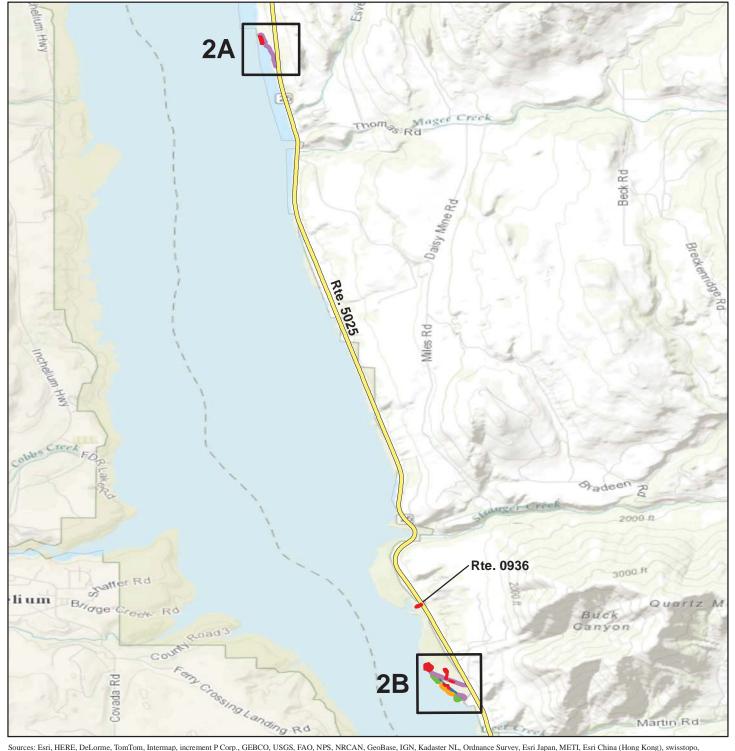
### **Non-NPS Collected Routes**



4-10

**ROUTE LOCATION MAP** 

Map 2



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

#### Note: Unique colors are used to differentiate roads.

### **Non-NPS Collected Routes**



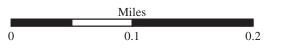
**ROUTE LOCATION MAP** 

Map 2A



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

### Note: Unique colors are used to differentiate roads.



Non-NPS Collected Routes

**ROUTE LOCATION MAP** 

Map 2B



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

0.2

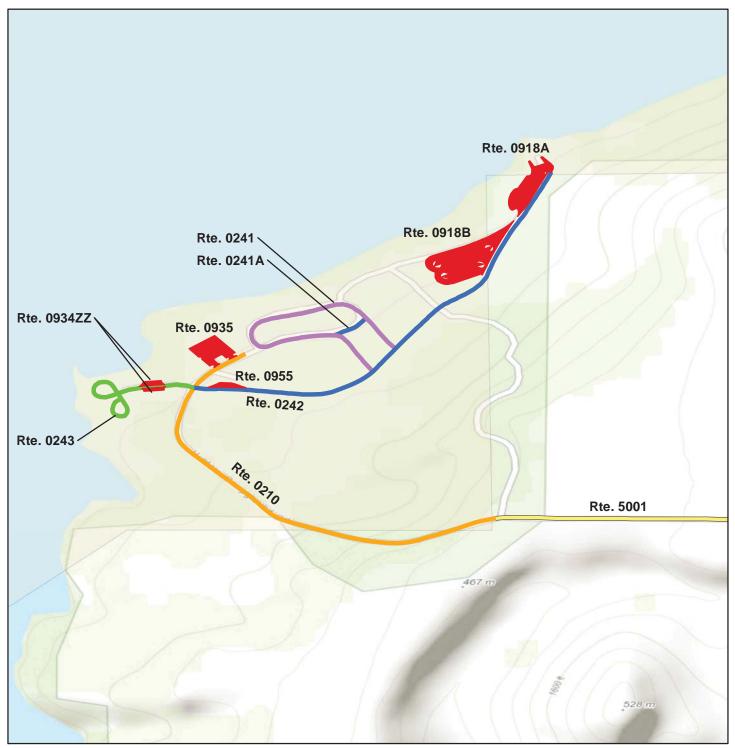
### Note: Unique colors are used to differentiate roads.

### Non-NPS Collected Routes

0

**ROUTE LOCATION MAP** 

Map 3



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

#### Note: Unique colors are used to differentiate roads.

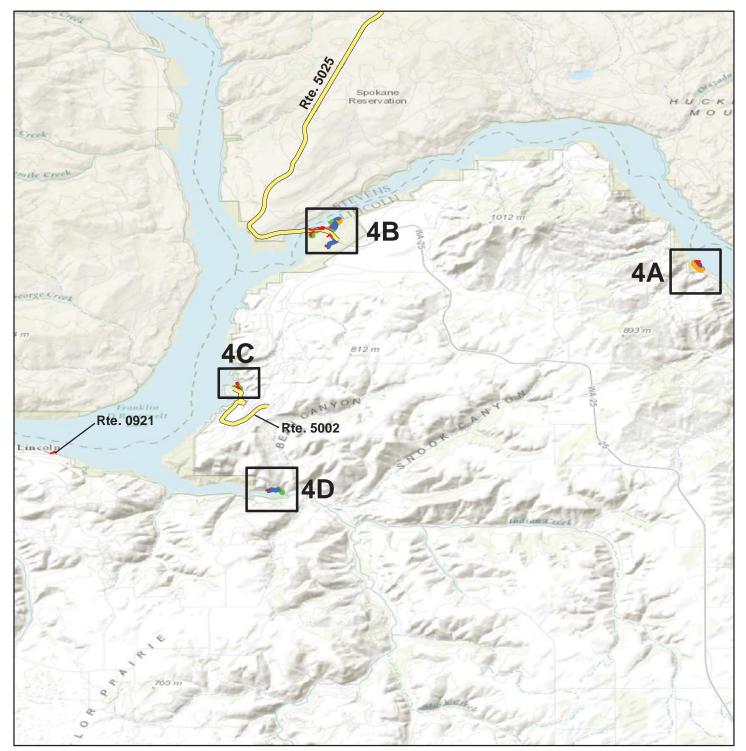
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### **Non-NPS Collected Routes**

### Miles 0.3

**ROUTE LOCATION MAP** 

Map 4



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

### Note: Unique colors are used to differentiate roads.

### Non-NPS Collected Routes

### Miles 5

**ROUTE LOCATION MAP** 

Map 4A



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

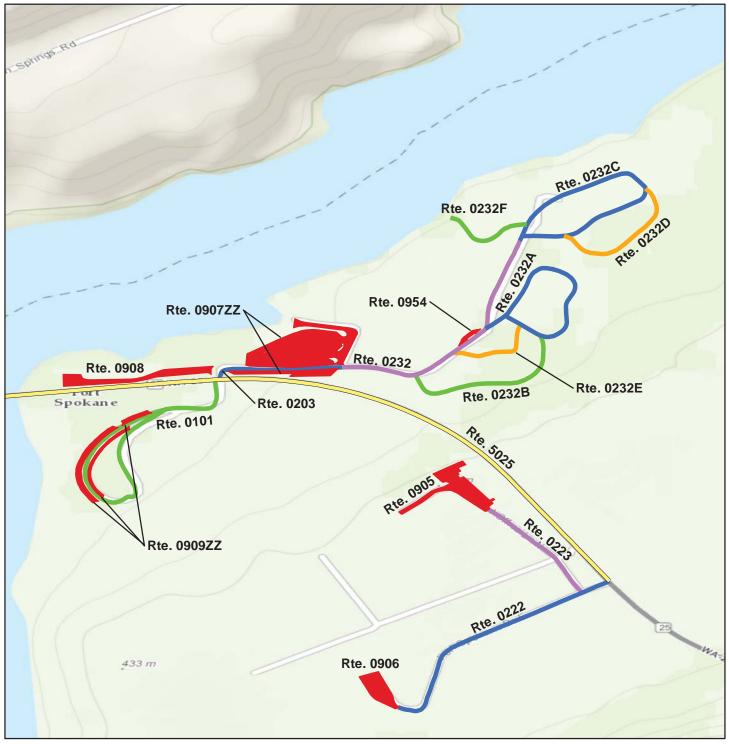
### Note: Unique colors are used to differentiate roads.

0

### Non-NPS Collected Routes

**ROUTE LOCATION MAP** 

Map 4B

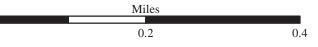


Sources: Esri, HERE, DeLorme, TomTom, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), swisstopo, MapmyIndia, © OpenStreetMap contributors, and the GIS User Community

### Note: Unique colors are used to differentiate roads.

0

### Non-NPS Collected Routes



**ROUTE LOCATION MAP** 

Map 4C



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

### Note: Unique colors are used to differentiate roads.

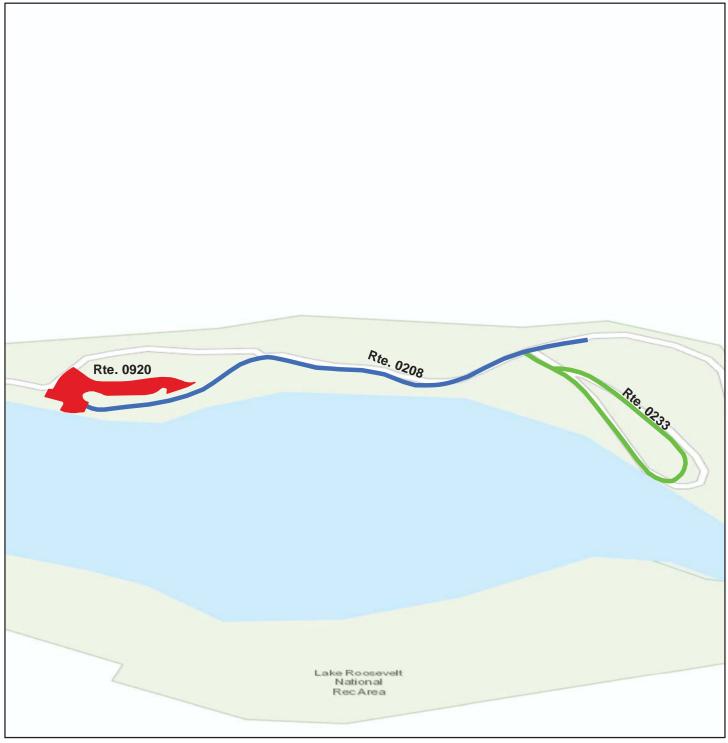
### **Non-NPS Collected Routes**

### Miles 0.1

0

### **ROUTE LOCATION MAP**

Map 4D



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

0.2

### Note: Unique colors are used to differentiate roads.

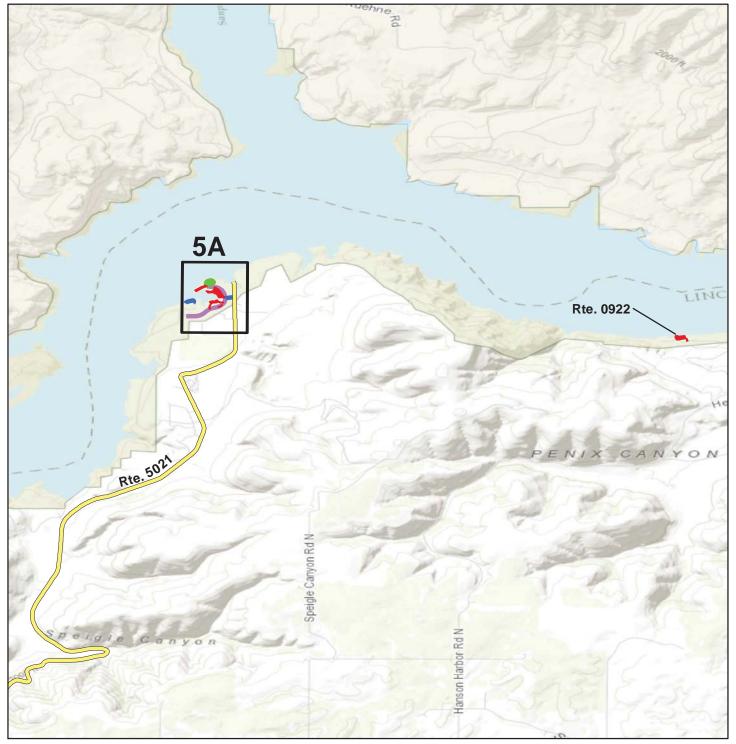
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### Non-NPS Collected Routes



**ROUTE LOCATION MAP** 

Map 5



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

### Note: Unique colors are used to differentiate roads.

0

### **Non-NPS Collected Routes**



**ROUTE LOCATION MAP** 

Map 5A



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

0.4

#### Note: Unique colors are used to differentiate roads.

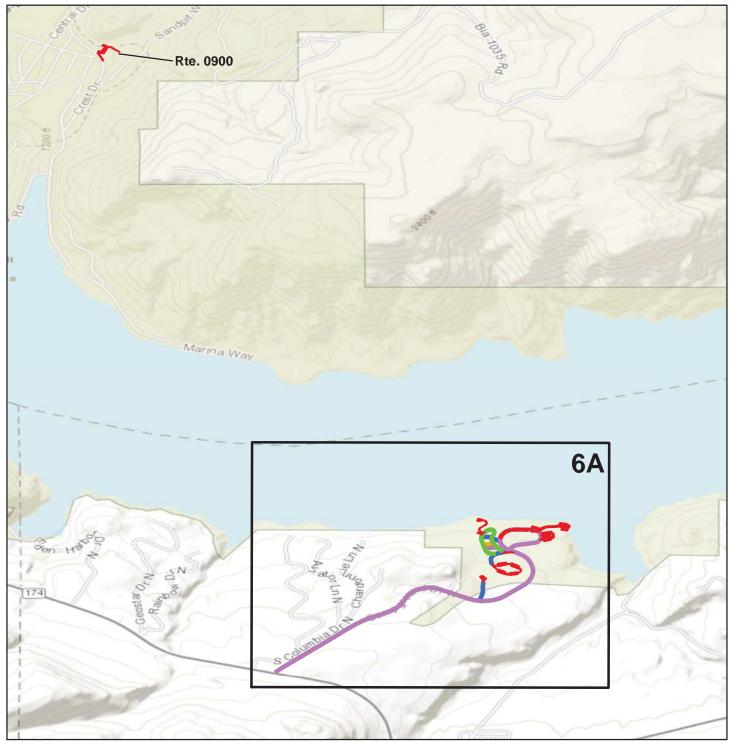
### Non-NPS Collected Routes



4-21

**ROUTE LOCATION MAP** 

Map 6



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

### Note: Unique colors are used to differentiate roads.

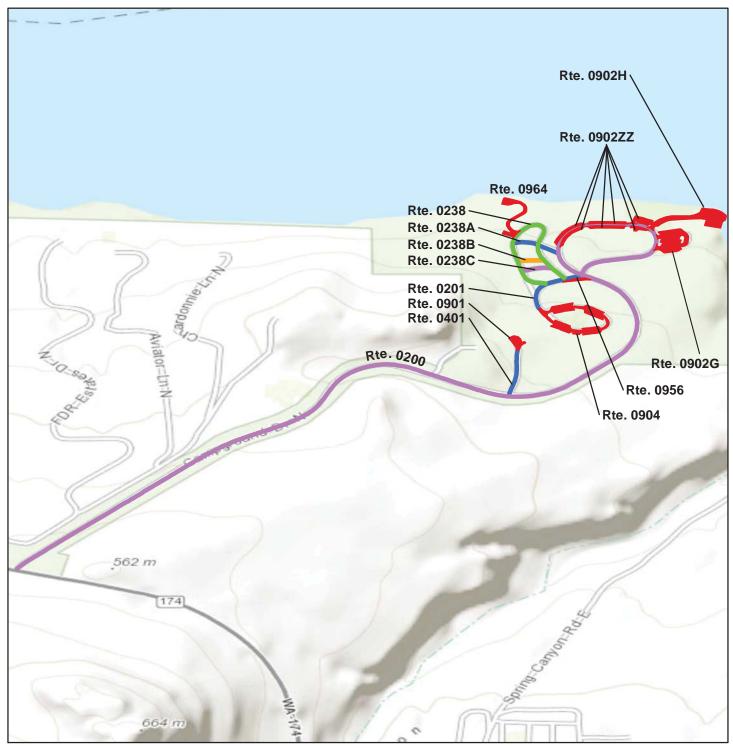
### Non-NPS Collected Routes



4-22

### **ROUTE LOCATION MAP**

Map 6A



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

### Note: Unique colors are used to differentiate roads.

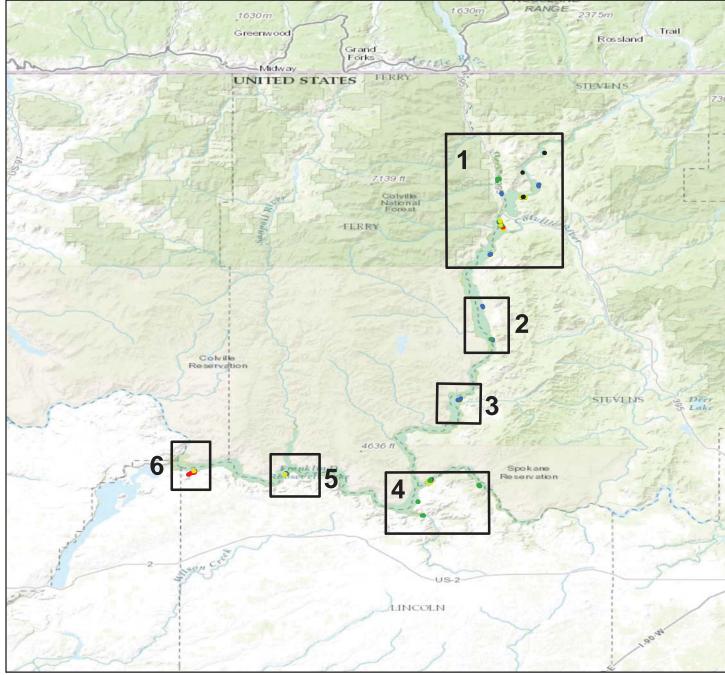
### **Non-NPS Collected Routes**

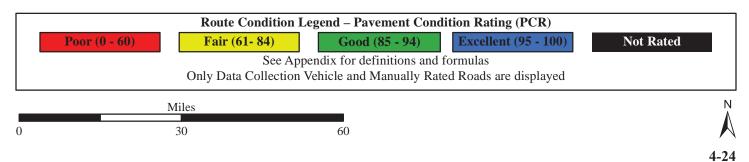
### Miles 0.4

# San Juan Island National Historical Park

ROUTE CONDITION MAP PCR - MILE BY MILE

K - MILE DY MI Key Map

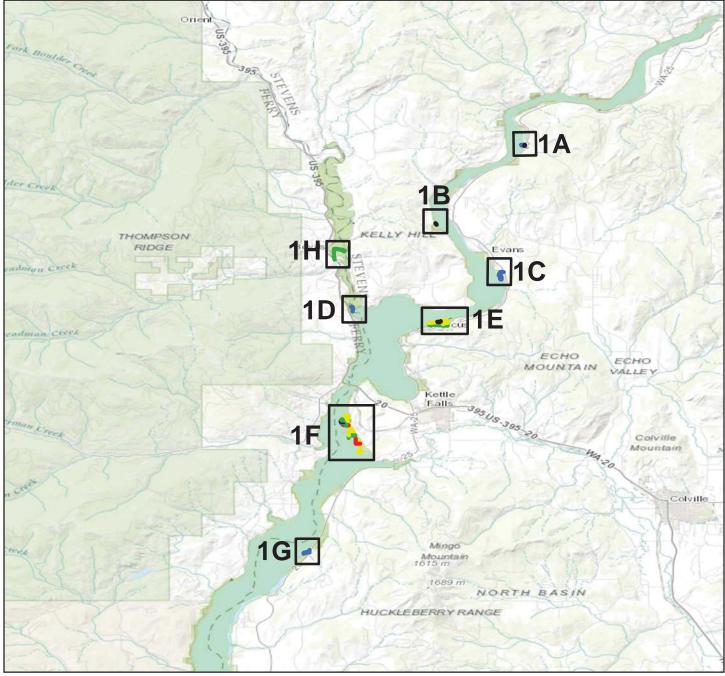




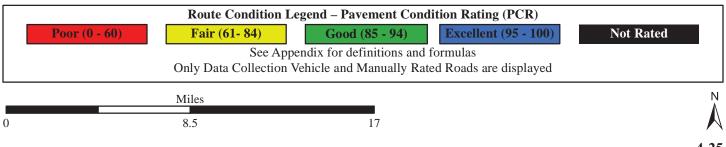
**ROUTE CONDITION MAP** 

PCR - MILE BY MILE

Map 1

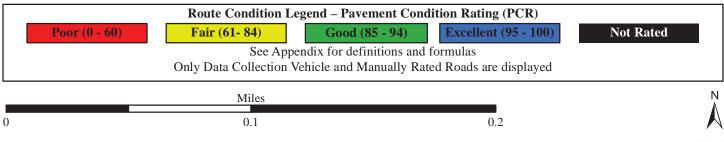


Sources: Esri, HERE, DeLorme, TomTom, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), swisstopo, MapmyIndia, © OpenStreetMap contributors, and the GIS User Community



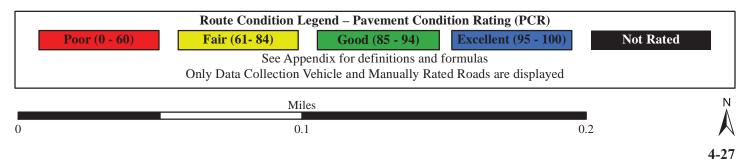
### ROUTE CONDITION MAP PCR - MILE BY MILE Map 1A





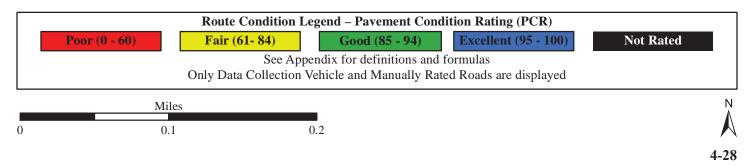
### ROUTE CONDITION MAP PCR - MILE BY MILE Map 1B





ROUTE CONDITION MAP PCR - MILE BY MILE Map 1C





ROUTE CONDITION MAP PCR - MILE BY MILE Map 1D



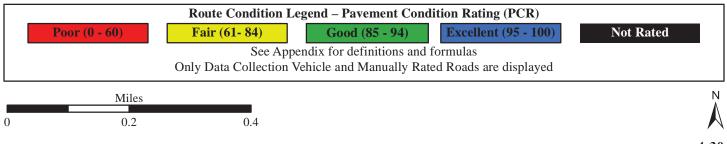
Sources: Esri, HERE, DeLorme, TomTom, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), swisstopo, MapmyIndia, © OpenStreetMap contributors, and the GIS User Community

		Route Condition Le	egend – Pavement Cond	dition Rating (PCR)	
	Poor (0 - 60)	Fair (61- 84)	Good (85 - 94)	<b>Excellent (95 - 100)</b>	Not Rated
-		See Appe	endix for definitions and	formulas	
		Only Data Collection V	ehicle and Manually Rate	ted Roads are displayed	
L					Ν
	Miles				
0	0.1	0.2			
					4 20

ROUTE CONDITION MAP PCR - MILE BY MILE Map 1E



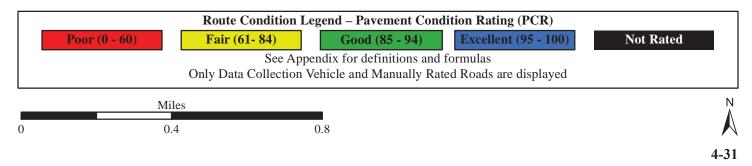
Sources: Esri, HERE, DeLorme, TomTom, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), swisstopo, MapmyIndia, © OpenStreetMap contributors, and the GIS User Community



ROUTE CONDITION MAP PCR - MILE BY MILE Map 1F



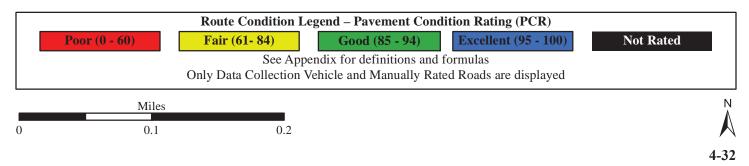
Sources: Esri, HERE, DeLorme, TomTom, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), swisstopo, MapmyIndia, © OpenStreetMap contributors, and the GIS User Community



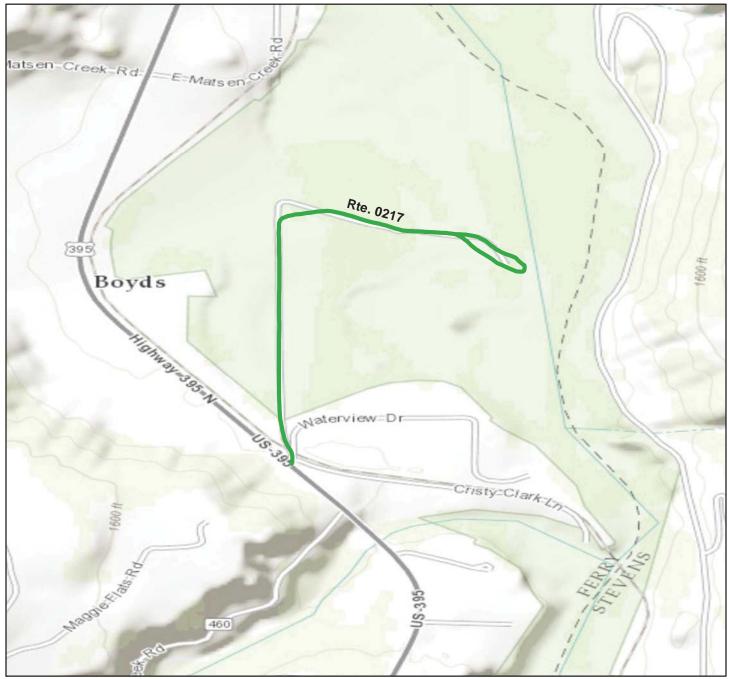
### ROUTE CONDITION MAP PCR - MILE BY MILE Map 1G



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



ROUTE CONDITION MAP PCR - MILE BY MILE Map 1H



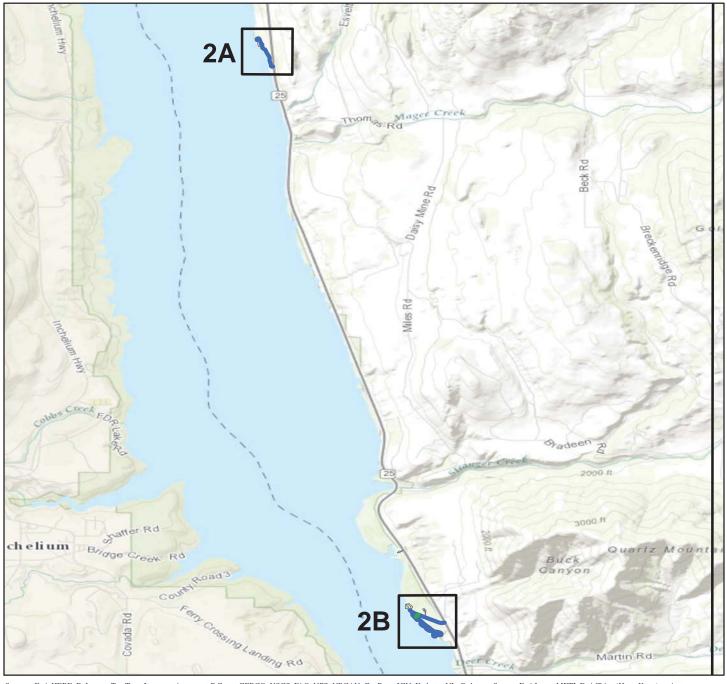
Sources: Esri, HERE, DeLorme, TomTom, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), swisstopo, MapmyIndia, © OpenStreetMap contributors, and the GIS User Community

		Route Condition Le	egend – Pavement Cond	dition Rating (PCR)	
Po	oor (0 - 60)	Fair (61- 84)	Good (85 - 94)	<b>Excellent (95 - 100)</b>	Not Rated
		See Appe	endix for definitions and	formulas	
		Only Data Collection V	ehicle and Manually Rat	ted Roads are displayed	
	Mi	las			N
	MI	les			Â
0	0.	3	0.6		
					4-33

ROUTE CONDITION MAP

PCR - MILE BY MILE

Map 2



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

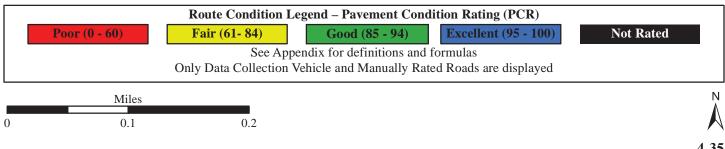
	Route Condition LoPoor (0 - 60)Fair (61- 84)	egend – Pavement Conditio Good (85 - 94)	on Rating (PCR) Excellent (95 - 100)	Not Rated			
	See Appendix for definitions and formulas						
	Only Data Collection V	ehicle and Manually Rated F	Roads are displayed				
_	Miles			1	 N ▲		
0	2	4			Ŋ		

#### **ROUTE CONDITION MAP PCR - MILE BY MILE**

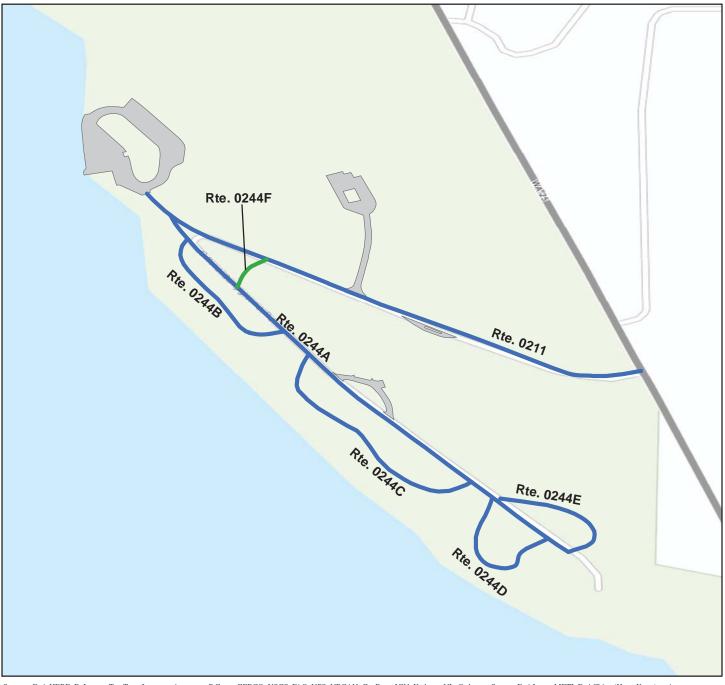
Map 2A



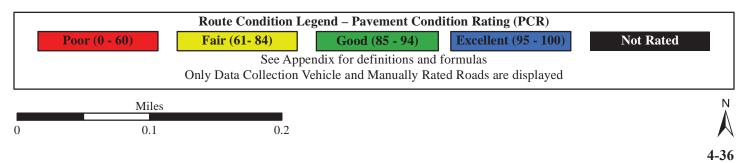
Sources: Esri, HERE, DeLorme, TomTom, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), swisstopo, MapmyIndia, © OpenStreetMap contributors, and the GIS User Community



ROUTE CONDITION MAP PCR - MILE BY MILE Map 2B



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



#### **ROUTE CONDITION MAP PCR - MILE BY MILE**

Map 3



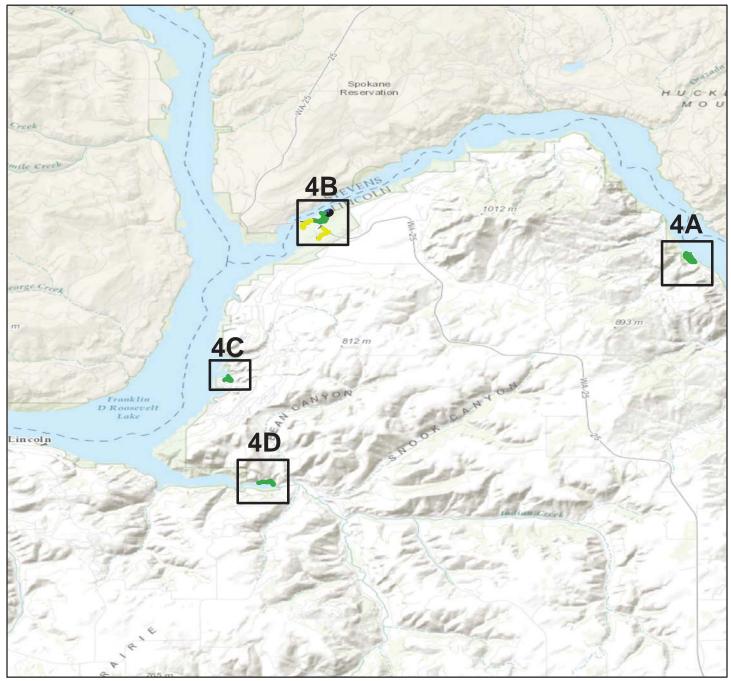
Sources: Esri, HERE, DeLorme, TomTom, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), swisstopo, MapmyIndia, © OpenStreetMap contributors, and the GIS User Community

	Route Condition	Legend – Pavement Condition Rating (PCR)	
<b>Poor</b> (0 - 60	) Fair (61- 84)	<b>Good (85 - 94) Excellent (95 - 100)</b>	Not Rated
	See A <sub>1</sub>	ppendix for definitions and formulas	
	Only Data Collection	n Vehicle and Manually Rated Roads are displayed	
	Miles		N
	Miles		Â
0	0.3	0.6	
			1-37

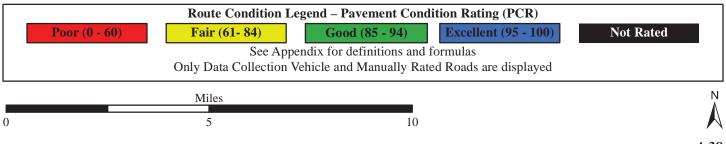
#### **ROUTE CONDITION MAP**

PCR - MILE BY MILE

Map 4



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

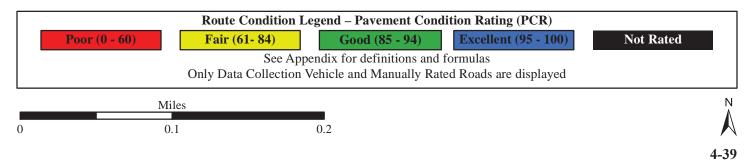


#### ROUTE CONDITION MAP PCR - MILE BY MILE

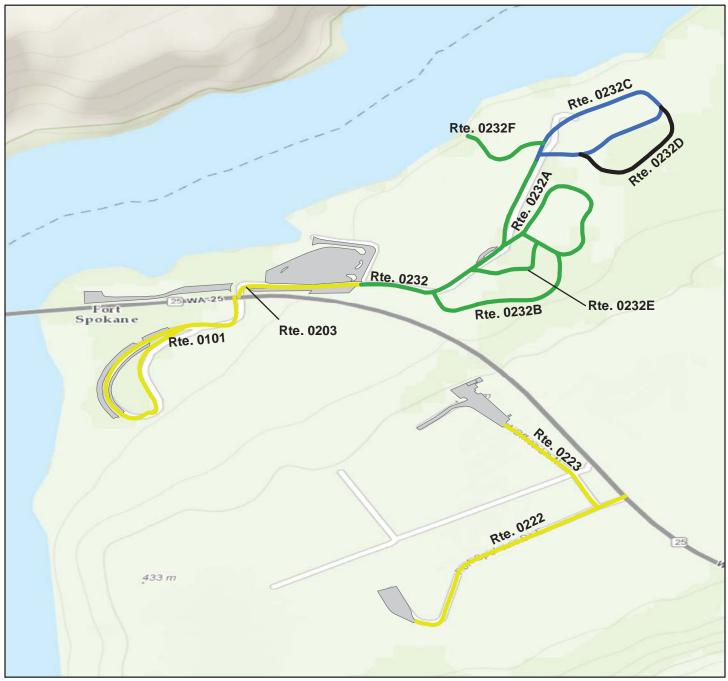
Map 4A



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



ROUTE CONDITION MAP PCR - MILE BY MILE Map 4B



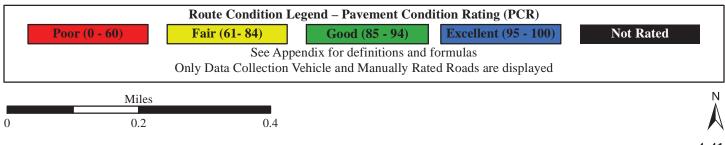
Sources: Esri, HERE, DeLorme, TomTom, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), swisstopo, MapmyIndia, © OpenStreetMap contributors, and the GIS User Community

		Route Condition L	egend – Pavement Con	dition Rating (PCR)	
Poo	or (0 - 60)	Fair (61- 84)	Good (85 - 94)	<b>Excellent (95 - 100)</b>	Not Rated
		See App	endix for definitions and	formulas	
		Only Data Collection V	ehicle and Manually Ra	ted Roads are displayed	
	Mil	es			
0	0.2	2	0.4		
					4_4

ROUTE CONDITION MAP PCR - MILE BY MILE Map 4C



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

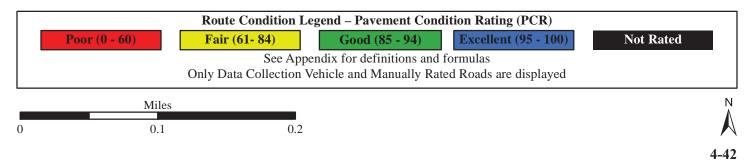


#### ROUTE CONDITION MAP PCR - MILE BY MILE

Map 4D



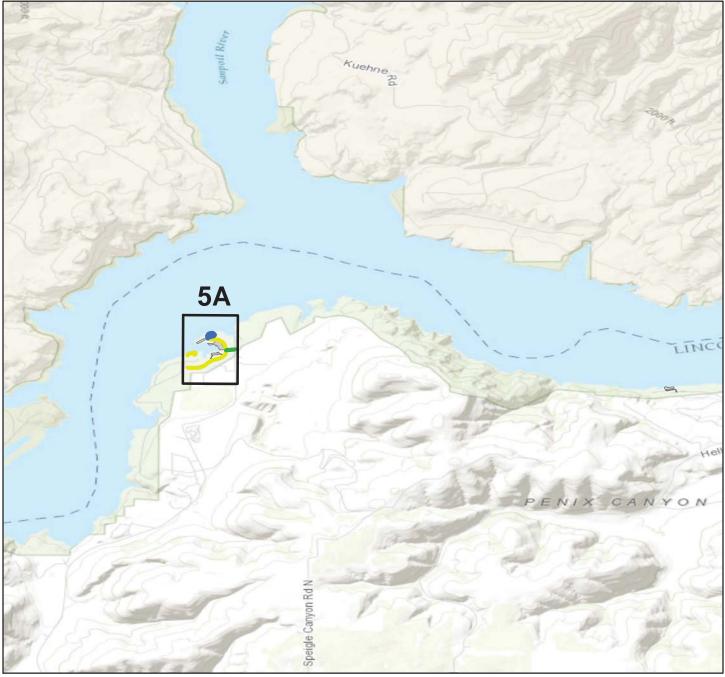
Sources: Esri, HERE, DeLorme, TomTom, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), swisstopo, MapmyIndia, © OpenStreetMap contributors, and the GIS User Community



## **ROUTE CONDITION MAP**

PCR - MILE BY MILE

Map 5



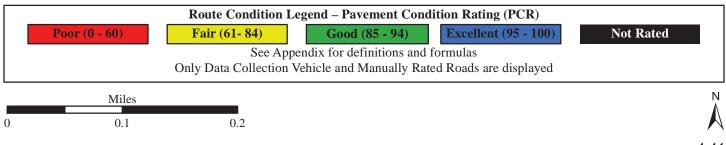
Sources: Esri, HERE, DeLorme, TomTom, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), swisstopo, MapmyIndia, © OpenStreetMap contributors, and the GIS User Community

Poor	Route Condition           (0 - 60)         Fair (61- 84)	Legend – Pavement Cond Good (85 - 94)	dition Rating (PCR) Excellent (95 - 100)	Not Rated
		opendix for definitions and		
	Only Data Collection	n Vehicle and Manually Rat	ted Roads are displayed	
	Miles			N
0	2	4		
				, 

#### ROUTE CONDITION MAP PCR - MILE BY MILE Map 5A

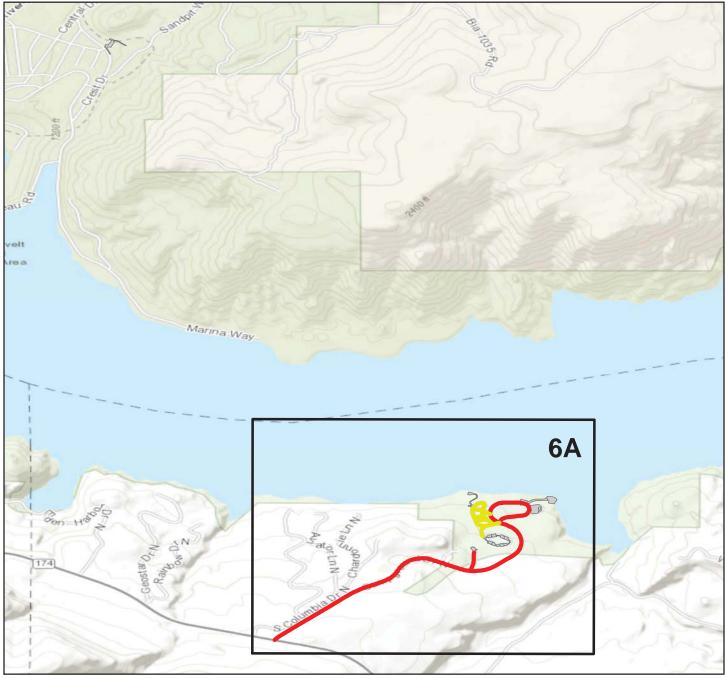


Sources: Esri, HERE, DeLorme, TomTom, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), swisstopo, MapmyIndia, © OpenStreetMap contributors, and the GIS User Community

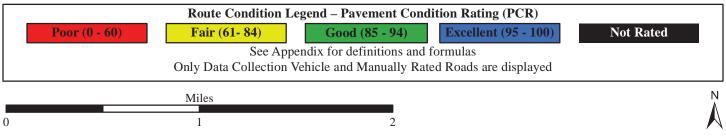


ROUTE CONDITION MAP PCR - MILE BY MILE

Map 6



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

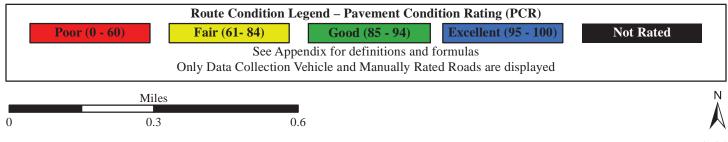


#### ROUTE CONDITION MAP PCR - MILE BY MILE

Map 6A



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



# Section 5 Paved Road Condition Rating Sheets



Lake Roosevelt National Recreation Area



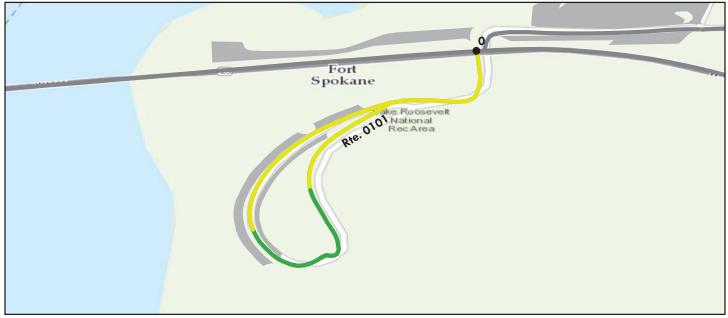
#### Lake Roosevelt National Recreation Area ROUTE 0100: KETTLE FALLS ENTRANCE ROAD

# Did Kettle Rd Old Kettle Rd Old Kettle Rd Old Kettle Rd

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

<b>Route Condition Legend – Pavement Condition Rating (PCR)</b>						
Poor (0 - 60) Fair (6	1- 84) Good	(85 - 94)	Excellent (9	5 - 100)	Not Rated	
	See Appendix for def	initions and f	ormulas			
<b>Inspection Date:</b> 10/2/2015	<b>Beginning Section MP</b>	0	1			
Paved Length (Miles): 1.81	Section Length (MI)	1	0.81			
Surface Type: ASPHALT	Route Summary				• •	
Roadway Condition Information						
Pavement Condition Rating (PCR)	82	81	80			
Surface Condition Rating (SCR)	92	92	89			
Roughness Condition Index (RCI)	66	65	67			
Distress Index Values						
Structural Crack Index	95	100	89			
Alligator Crack Index	99	100	98			
Longitudinal Crack Index	96	100	91			
Transverse Cracking Index	98	99	98			
Patching Index	100	100	99			
Rutting Index	92	92	91			
International Roughness Index (IRI)	217	220	214			
Lane & Width Information						
Number of Lanes	2	2	2			
Paved Width (ft)	19.6	20.9	18.4			
Lane Width (ft)	10.2	10.3	10			

ROUTE 0101: FORT SPOKANE PICNIC AREA LOOP ROAD



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

<b>Route Condition Legend – Pavement Condition Rating (PCR)</b>						
<b>Poor (0 - 60) Fair (6</b>	Good (Good (	(85 - 94)	Excellent (95 - 100)	Not Rated		
	See Appendix for def	initions and f	ormulas			
<b>Inspection Date:</b> 10/1/2015	Beginning Section MP	0				
Paved Length (Miles): 0.38	Section Length (MI)	0.38				
Surface Type: ASPHALT	Route Summary		•	- <b>i</b>		
Roadway Condition Information						
Pavement Condition Rating (PCR)	77	77				
Surface Condition Rating (SCR)	77	77				
Roughness Condition Index (RCI)	N/A	N/A				
Distress Index Values						
Structural Crack Index	91	91				
Alligator Crack Index	100	100				
Longitudinal Crack Index	91	91				
Transverse Cracking Index	77	77				
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)	20	20				
Lane Width (ft)	17.3	17.3				

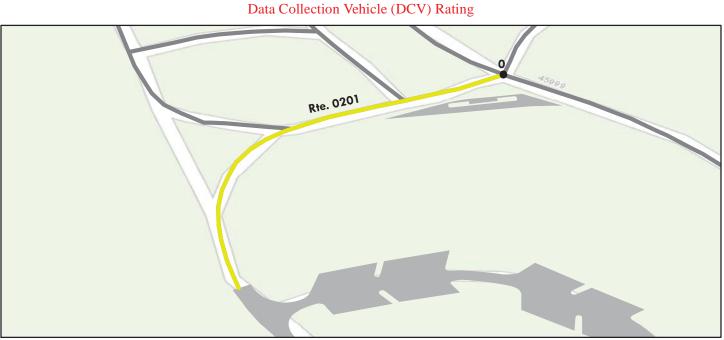
**ROUTE 0200: SPRING CANYON ROAD** 



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

<b>Route Condition Legend – Pavement Condition Rating (PCR)</b>						
<b>Poor (0 - 60)</b> Fair (6	1- 84) Good (	(85 - 94)	Excellent (9	5 - 100)	Not Rated	
	See Appendix for def	initions and f	ormulas			
<b>Inspection Date:</b> 10/1/2015	<b>Beginning Section MP</b>	0	1			
Paved Length (Miles): 1.64	Section Length (MI)	1	0.64			
Surface Type: ASPHALT	Route Summary				· ·	
Roadway Condition Information						
Pavement Condition Rating (PCR)	47	43	56			
Surface Condition Rating (SCR)	37	31	46			
Roughness Condition Index (RCI)	63	61	70			
Distress Index Values						
Structural Crack Index	82	87	75			
Alligator Crack Index	100	100	100			
Longitudinal Crack Index	82	87	75			
Transverse Cracking Index	37	31	46			
Patching Index	100	100	100			
Rutting Index	94	93	96			
International Roughness Index (IRI)	226	237	203			
Lane & Width Information						
Number of Lanes	2	2	2			
Paved Width (ft)	21.7	21.9	21.6			
Lane Width (ft)	10.4	10.3	10.6			

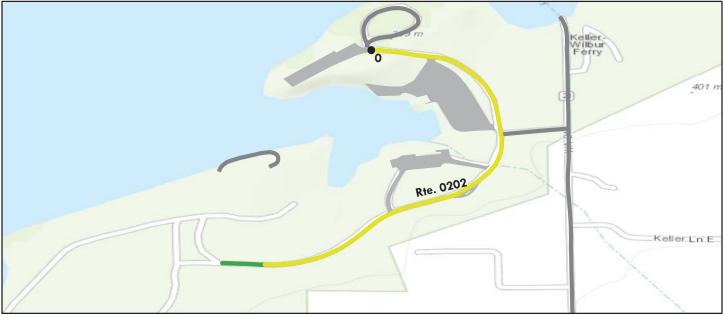
ROUTE 0201: SPRING CANYON RV CAMPGROUND ROAD



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

<b>Route Condition Legend – Pavement Condition Rating (PCR)</b>						
Poor (0 - 60) Fair (6	1- 84) Good (	(85 - 94)	Excellent (95 - 100)	Not Rated		
	See Appendix for def	initions and f	ormulas			
<b>Inspection Date:</b> 10/1/2015	<b>Beginning Section MP</b>	0				
Paved Length (Miles): 0.12	Section Length (MI)	0.12				
Surface Type: ASPHALT	Route Summary			· ·		
Roadway Condition Information						
Pavement Condition Rating (PCR)	75	75				
Surface Condition Rating (SCR)	75	75				
Roughness Condition Index (RCI)	N/A	N/A				
Distress Index Values						
Structural Crack Index	88	88				
Alligator Crack Index	100	100				
Longitudinal Crack Index	88	88				
Transverse Cracking Index	75	75				
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)	26.2	26.2				
Lane Width (ft)	11	11				

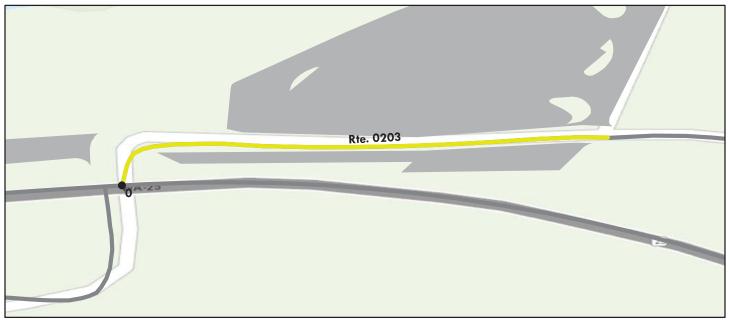
#### Lake Roosevelt National Recreation Area ROUTE 0202: KELLER FERRY CAMPGROUND ROAD



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

Route Condition Legend – Pavement Condition Rating (PCR)						
<b>Poor (0 - 60)</b> Fair (6	61-84) Good	(85 - 94)	Excellent (95 - 100)	Not Rated		
	See Appendix for def	initions and f	formulas			
<b>Inspection Date:</b> 10/1/2015	Beginning Section MP	0				
Paved Length (Miles): 0.54	Section Length (MI)	0.54				
Surface Type: ASPHALT	Route Summary		• •	•		
Roadway Condition Information						
Pavement Condition Rating (PCR)	79	79				
Surface Condition Rating (SCR)	79	79				
Roughness Condition Index (RCI)	N/A	N/A				
Distress Index Values						
Structural Crack Index	97	97				
Alligator Crack Index	99	99				
Longitudinal Crack Index	98	98				
Transverse Cracking Index	79	79				
Patching Index	100	100				
Rutting Index	97	97				
International Roughness Index (IRI)	N/A	N/A				
Lane & Width Information						
Number of Lanes	2	2				
Paved Width (ft)	24.4	24.4				
Lane Width (ft)	12.1	12.1				

ROUTE 0203: FORT SPOKANE CAMPGROUND ROAD



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

<b>Route Condition Legend – Pavement Condition Rating (PCR)</b>							
<b>Poor (0 - 60) Fair (6</b>	Good (Good (	(85 - 94)	<b>Excellent (95 - 100)</b>	Not Rated			
	See Appendix for definitions and formulas						
<b>Inspection Date:</b> 10/1/2015	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)	77	77					
Surface Condition Rating (SCR)	77	77					
Roughness Condition Index (RCI)	N/A	N/A					
Distress Index Values							
Structural Crack Index	84	84					
Alligator Crack Index	100	100					
Longitudinal Crack Index	84	84					
Transverse Cracking Index	77	77					
Patching Index	100	100					
Rutting Index	97	97					
International Roughness Index (IRI)	N/A	N/A					
Lane & Width Information							
Number of Lanes	2	2					
Paved Width (ft)	23.1	23.1					
Lane Width (ft)	11.5	11.5					

ROUTE 0204: EVANS CAMPGROUND ROAD



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

Route Condition Legend – Pavement Condition Rating (PCR)							
Poor (0 - 60) Fair (6)	1- 84) Good (	(85 - 94)	<b>Excellent (95 - 100)</b>	Not Rated			
	See Appendix for definitions and formulas						
<b>Inspection Date:</b> 10/2/2015	<b>Beginning Section MP</b>	0					
Paved Length (Miles): 0.38	Section Length (MI)	0.38					
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	98	98					
Patching Index	99	99					
Rutting Index	98	98					
International Roughness Index (IRI)	N/A	N/A					
Lane & Width Information							
Number of Lanes	2	2					
Paved Width (ft)	19.3	19.3					
Lane Width (ft)	9.8	9.8					

ROUTE 0205: KETTLE FALLS PICNIC ROAD





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

Route Condition Legend – Pavement Condition Rating (PCR)						
<b>Poor (0 - 60) Fair (</b>	61- 84) Good	(85 - 94)	<b>Excellent (95 - 100)</b>	Not Rated		
See Appendix for definitions and formulas						
<b>Inspection Date:</b> 10/2/2015	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)	49	49				
Surface Condition Rating (SCR)	49	49				
Roughness Condition Index (RCI)	N/A	N/A				
Distress Index Values						
Structural Crack Index	82	82				
Alligator Crack Index	100	100				
Longitudinal Crack Index	82	82				
Transverse Cracking Index	49	49				
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)	24.1	24.1				
Lane Width (ft)	10.4	10.4				

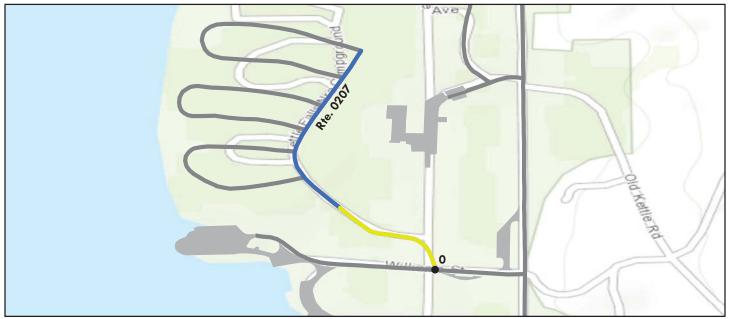
ROUTE 0206: KETTLE FALLS MARINA ACCESS ROAD



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

Route Condition Legend – Pavement Condition Rating (PCR)						
<b>Poor (0 - 60)</b> Fair (0	61-84) Good	(85 - 94)	<b>Excellent (95 - 100)</b>	Not Rated		
See Appendix for definitions and formulas						
<b>Inspection Date:</b> 10/2/2015	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)	52	52				
Surface Condition Rating (SCR)	52	52				
Roughness Condition Index (RCI)	N/A	N/A				
Distress Index Values						
Structural Crack Index	92	92				
Alligator Crack Index	100	100				
Longitudinal Crack Index	92	92				
Transverse Cracking Index	52	52				
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)	38.3	38.3				
Lane Width (ft)	19	19				

ROUTE 0207: KETTLE FALLS CAMPGROUND ROAD



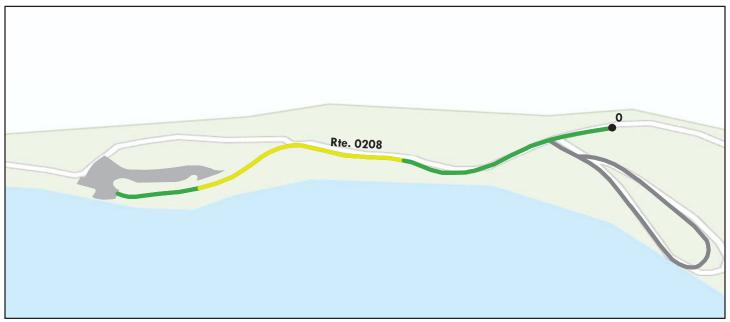
Data Collection Vehicle (DCV) Rating

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

Route Condition Legend – Pavement Condition Rating (PCR)				
<b>Poor (0 - 60)</b> Fair (6)	1- 84) Good (	(85 - 94)	<b>Excellent (95 - 100)</b>	Not Rated
	See Appendix for def	initions and f	ormulas	
<b>Inspection Date:</b> 10/2/2015	<b>Beginning Section MP</b>	0		
Paved Length (Miles): 0.29	Section Length (MI)	0.29		
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	99	99		
Alligator Crack Index	100	100		
Longitudinal Crack Index	99	99		
Transverse Cracking Index	90	90		
Patching Index	100	100		
Rutting Index	99	99		
International Roughness Index (IRI)	N/A	N/A		
Lane & Width Information				
Number of Lanes	2	2		
Paved Width (ft)	19	19		
Lane Width (ft)	9.8	9.8		

ROUTE 0208: HAWK CREEK CAMPGROUND ROAD

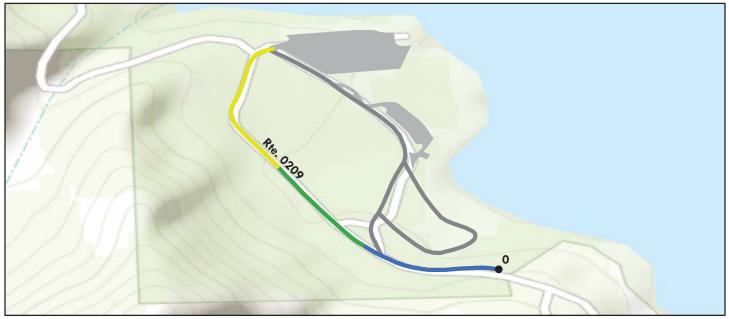




Sources: Esri, HERE, DeLorme, TomTom, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), swisstopo, MapmyIndia, © OpenStreetMap contributors, and the GIS User Community

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						
<b>Inspection Date:</b> 10/1/2015	Beginning Section MP	0					
Paved Length (Miles): 0.24	Section Length (MI)	0.24					
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	85	85					
Alligator Crack Index	100	100					
Longitudinal Crack Index	85	85					
Transverse Cracking Index	94	94					
Patching Index	100	100					
Rutting Index	92	92					
International Roughness Index (IRI)	N/A	N/A					
Lane & Width Information							
Number of Lanes	2	2					
Paved Width (ft)	18.1	18.1					
Lane Width (ft)	9.1	9.1					

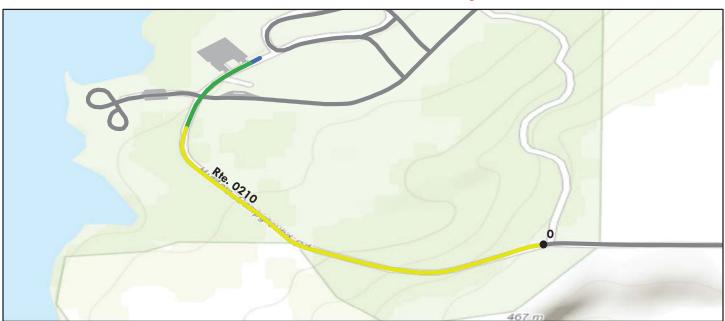
ROUTE 0209: PORCUPINE BAY CAMPGROUND ROAD



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

<b>Route Condition Legend – Pavement Condition Rating (PCR)</b>						
<b>Poor (0 - 60) Fair (</b>	61- 84) Good	(85 - 94)	Excellent (95 - 100)	Not Rated		
See Appendix for definitions and formulas						
<b>Inspection Date:</b> 10/1/2015	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)	90	90				
Surface Condition Rating (SCR)	90	90				
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	90	90				
Patching Index	100	100				
Rutting Index	97	97				
International Roughness Index (IRI)	N/A	N/A				
Lane & Width Information						
Number of Lanes	2	2				
Paved Width (ft)	20.6	20.6				
Lane Width (ft)	9.4	9.4				

ROUTE 0210: HUNTERS CAMPGROUND ACCESS ROAD



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

Route Condition Legend – Pavement Condition Rating (PCR)						
Poor (0 - 60) Fair (6	1- 84) Good	(85 - 94)	Excellent (95 - 100)	Not Rated		
	See Appendix for definitions and formulas					
<b>Inspection Date:</b> 10/2/2015	<b>Beginning Section MP</b>	0				
Paved Length (Miles): 0.51	Section Length (MI)	0.51				
Surface Type: ASPHALT	Route Summary		•			
Roadway Condition Information						
Pavement Condition Rating (PCR)	77	77				
Surface Condition Rating (SCR)	94	94				
Roughness Condition Index (RCI)	51	51				
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)	278	278				
Lane & Width Information						
Number of Lanes	2	2				
Paved Width (ft)	18.9	18.9				
Lane Width (ft)	9.5	9.5				

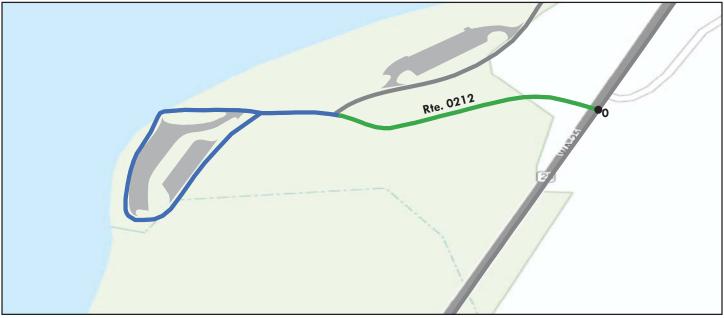
#### Lake Roosevelt National Recreation Area ROUTE 0211: GIFFORD CAMPGROUND ACCESS ROAD



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

<b>Route Condition Legend – Pavement Condition Rating (PCR)</b>						
<b>Poor (0 - 60) Fair (6</b>	<b>1- 84</b> ) Good (	(85 - 94)	Excellent (95 - 100)	Not Rated		
	See Appendix for definitions and formulas					
<b>Inspection Date:</b> 10/2/2015	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)	95	95				
Surface Condition Rating (SCR)	95	95				
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	95	95				
International Roughness Index (IRI)	N/A	N/A				
Lane & Width Information						
Number of Lanes	2	2				
Paved Width (ft)	20.8	20.8				
Lane Width (ft)	10.4	10.4				

ROUTE 0212: BRADBURY DAY USE AREA ROAD



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

<b>Route Condition Legend – Pavement Condition Rating (PCR)</b>						
<b>Poor (0 - 60) Fair (</b>	61- 84) Good	(85 - 94)	<b>Excellent (95 - 100)</b>	Not Rated		
See Appendix for definitions and formulas						
<b>Inspection Date:</b> 10/2/2015	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	97	97				
Alligator Crack Index	100	100				
Longitudinal Crack Index	97	97				
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)	20.7	20.7				
Lane Width (ft)	15.1	15.1				

## Lake Roosevelt National Recreation Area ROUTE 0213: MARCUS ISLAND CAMPGROUND ENTRANCE ROAD

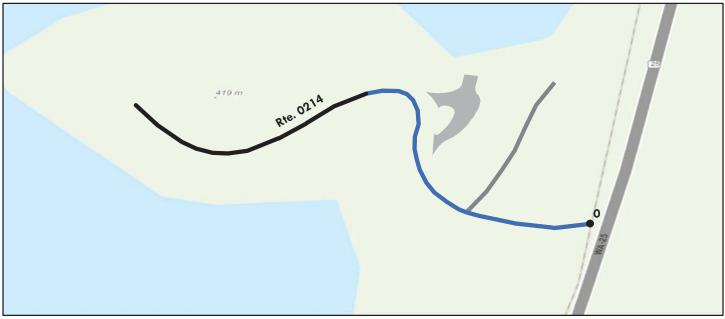


Sources: Esri, HERE, DeLorme, TomTom, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), swisstopo, MapmyIndia, © OpenStreetMap contributors, and the GIS User Community

<b>Route Condition Legend – Pavement Condition Rating (PCR)</b>					
<b>Poor (0 - 60) Fair (</b>	61- 84) Good	(85 - 94)	Excellent (95 - 100)	Not Rated	
	See Appendix for def	finitions and f	ormulas		
<b>Inspection Date:</b> 10/2/2015	Beginning Section MP	0	1		
Paved Length (Miles): 1.88	Section Length (MI)	1	0.88		
Surface Type: ASPHALT	Route Summary		•		
Roadway Condition Information					
Pavement Condition Rating (PCR)	83	85	81		
Surface Condition Rating (SCR)	98	98	99		
Roughness Condition Index (RCI)	60	66	53		
Distress Index Values					
Structural Crack Index	100	99	100		
Alligator Crack Index	100	100	100		
Longitudinal Crack Index	100	99	100		
Transverse Cracking Index	100	99	100		
Patching Index	100	100	100		
Rutting Index	98	98	99		
International Roughness Index (IRI)	240	215	268		
Lane & Width Information					
Number of Lanes	2	2	2		
Paved Width (ft)	17.6	17.1	18.2		
Lane Width (ft)	9.1	8.6	9.8		

ROUTE 0214: NORTH GORGE CAMPGROUND ROAD



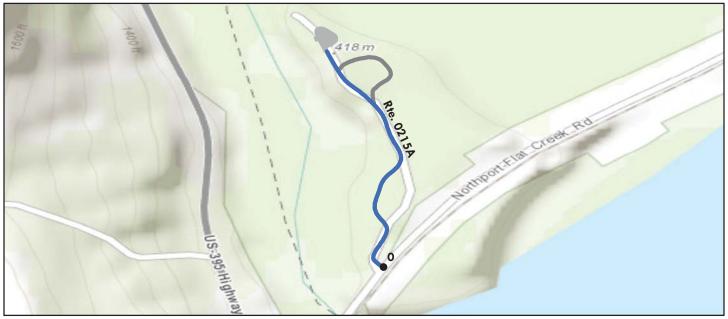


Sources: Esri, HERE, DeLorme, TomTom, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), swisstopo, MapmyIndia, © OpenStreetMap contributors, and the GIS User Community

Route Condition Legend – Pavement Condition Rating (PCR)							
Poor (0 - 60) Fair (6	1- 84) Good (	(85 - 94)	Excellent (95 - 100)	Not Rated			
	See Appendix for definitions and formulas						
<b>Inspection Date:</b> 10/2/2015	<b>Beginning Section MP</b>	0					
Paved Length (Miles): 0.18	Section Length (MI)	0.18					
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)	17.2	17.2					
Lane Width (ft)	12.4	12.4					

Note: This road did not receive a condition rating due to debris on road (leaves / pine needles).

#### Lake Roosevelt National Recreation Area ROUTE 0215A: KAMLOOPS ISLAND CAMPGROUND ROAD

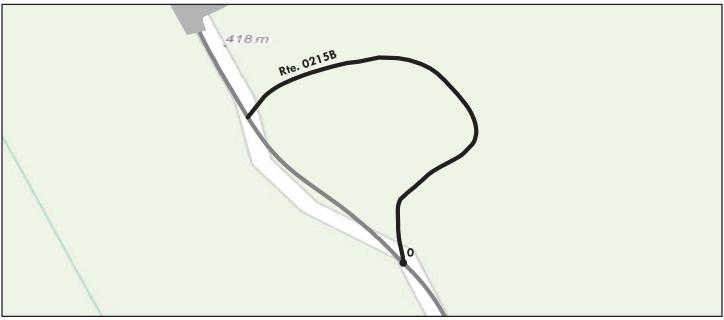


Sources: Esri, HERE, DeLorme, TomTom, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), swisstopo, MapmyIndia, © OpenStreetMap contributors, and the GIS User Community

Route Condition Legend – Pavement Condition Rating (PCR)				
Poor (0 - 60) Fair (6	1- 84) Good (	(85 - 94)	<b>Excellent (95 - 100)</b>	Not Rated
	See Appendix for def	initions and f	ormulas	
<b>Inspection Date:</b> 10/2/2015	<b>Beginning Section MP</b>	0		
Paved Length (Miles): 0.26	Section Length (MI)	0.26		
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)	8.6	8.6		

#### Lake Roosevelt National Recreation Area ROUTE 0215B: KAMLOOPS ISLAND CAMPGROUND LOOP





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

Route Condition Legend – Pavement Condition Rating (PCR)				
<b>Poor (0 - 60)</b> Fair (6)	1- 84) Good (	(85 - 94)	Excellent (95 - 100)	Not Rated
	See Appendix for def	initions and f	formulas	
<b>Inspection Date:</b> 10/2/2015	<b>Beginning Section MP</b>	0		
Paved Length (Miles): 0.09	Section Length (MI)	0.09		
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)	14.1	14.1		
Lane Width (ft)	14.1	14.1		

Note: This road did not receive a condition rating due to debris on road (leaves / pine needles).

ROUTE 0217: KETTLE RIVER CAMPGROUND ROAD



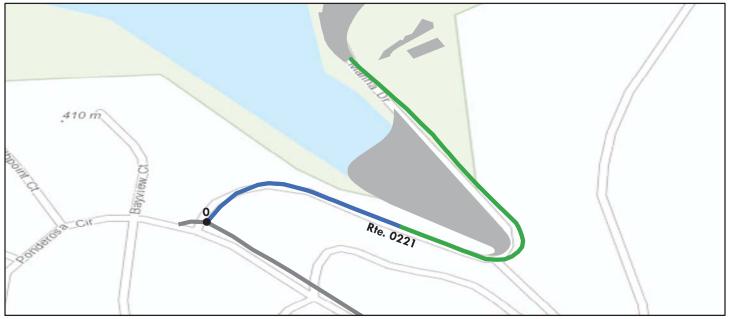


Sources: Esri, HERE, DeLorme, TomTom, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), swisstopo, MapmyIndia, © OpenStreetMap contributors, and the GIS User Community

Route Condition Legend – Pavement Condition Rating (PCR)							
<b>Poor (0 - 60)</b> Fair (6	1- 84) Good	(85 - 94)	<b>Excellent (95 - 100)</b>	Not Rated			
See Appendix for definitions and formulas							
<b>Inspection Date:</b> 10/2/2015	Beginning Section MP	0					
Paved Length (Miles): 0.97	Section Length (MI)	0.97					
Surface Type: ASPHALT	Route Summary		• •	• •			
Roadway Condition Information							
Pavement Condition Rating (PCR)	92	92					
Surface Condition Rating (SCR)	98	98					
Roughness Condition Index (RCI)	82	82					
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)	162	162					
Lane & Width Information							
Number of Lanes	2	2					
Paved Width (ft)	16.1	16.1					
Lane Width (ft)	11	11					

Note: Unable to rate portions of the road due to debris on route.

ROUTE 0221: SEVEN BAYS MARINA ACCESS ROAD



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

Route Condition Legend – Pavement Condition Rating (PCR)							
<b>Poor (0 - 60) Fair (</b>	61- 84) Good	(85 - 94)	Excellent (95 - 100)	Not Rated			
See Appendix for definitions and formulas							
<b>Inspection Date:</b> 10/1/2015	Beginning Section MP	0					
Paved Length (Miles): 0.28	Section Length (MI)	0.28					
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	94	94					
Alligator Crack Index	99	99					
Longitudinal Crack Index	95	95					
Transverse Cracking Index	98	98					
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)	25.9	25.9					
Lane Width (ft)	12.4	12.4					

### Lake Roosevelt National Recreation Area ROUTE 0222: FORT SPOKANE VISITOR CENTER ACCESS ROAD



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

Route Condition Legend – Pavement Condition Rating (PCR)				
<b>Poor (0 - 60) Fair (6</b>	Good (Good (	(85 - 94)	Excellent (95 - 100)	Not Rated
	See Appendix for def	initions and f	ormulas	
<b>Inspection Date:</b> 10/1/2015	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)	71	71		
Surface Condition Rating (SCR)	71	71		
Roughness Condition Index (RCI)	N/A	N/A		
Distress Index Values				
Structural Crack Index	77	77		
Alligator Crack Index	94	94		
Longitudinal Crack Index	83	83		
Transverse Cracking Index	71	71		
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)	18.7	18.7		
Lane Width (ft)	9.2	9.2		

### Lake Roosevelt National Recreation Area ROUTE 0223: FORT SPOKANE FACILITIES ROAD

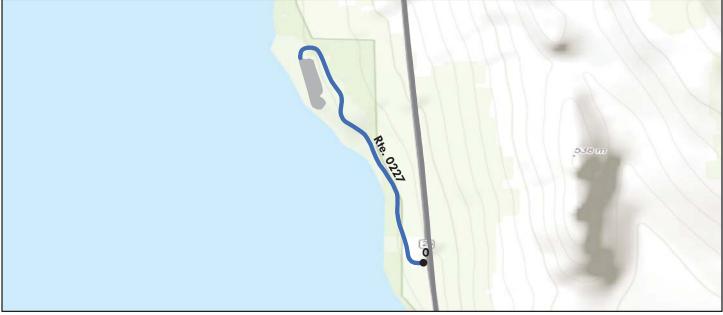
Data Collection Vehicle (DCV) Rating



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

Route Condition Legend – Pavement Condition Rating (PCR)				
<b>Poor (0 - 60)</b> Fair (0	61-84) Good	(85 - 94)	<b>Excellent (95 - 100)</b>	Not Rated
	See Appendix for def	finitions and f	formulas	
<b>Inspection Date:</b> 10/1/2015	Beginning Section MP	0		
Paved Length (Miles): 0.14	Section Length (MI)	0.14		
Surface Type: ASPHALT	Route Summary		• •	•
Roadway Condition Information				
Pavement Condition Rating (PCR)	75	75		
Surface Condition Rating (SCR)	75	75		
Roughness Condition Index (RCI)	N/A	N/A		
Distress Index Values				
Structural Crack Index	75	75		
Alligator Crack Index	90	90		
Longitudinal Crack Index	85	85		
Transverse Cracking Index	76	76		
Patching Index	100	100		
Rutting Index	89	89		
International Roughness Index (IRI)	N/A	N/A		
Lane & Width Information				
Number of Lanes	2	2		
Paved Width (ft)	18.8	18.8		
Lane Width (ft)	9.3	9.3		

ROUTE 0227: DAISY BOAT LAUNCH ACCESS ROAD



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

Route Condition Legend – Pavement Condition Rating (PCR)					
<b>Poor (0 - 60) Fair</b>	(61- 84) Good	(85 - 94)	<b>Excellent (95 - 100)</b>	Not Rated	
	See Appendix for det	finitions and f	formulas		
<b>Inspection Date:</b> 10/2/2015	Beginning Section MP	0			
Paved Length (Miles): 0.35	Section Length (MI)	0.35			
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	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)	20.3	20.3			
Lane Width (ft)	10.1	10.1			

## Lake Roosevelt National Recreation Area ROUTE 0231: KELLER FERRY CAMPGROUND ENTRANCE ROAD



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

Route Condition Legend – Pavement Condition Rating (PCR)							
<b>Poor (0 - 60)</b> Fair (0	61- 84) Good	(85 - 94)	Excellent (95 - 100)	Not Rated			
	See Appendix for definitions and formulas						
<b>Inspection Date:</b> 10/1/2015	Beginning Section MP	0					
Paved Length (Miles): 0.06	Section Length (MI)	0.06					
Surface Type: ASPHALT	Route Summary		• •	• •			
Roadway Condition Information							
Pavement Condition Rating (PCR)	88	88					
Surface Condition Rating (SCR)	88	88					
Roughness Condition Index (RCI)	N/A	N/A					
Distress Index Values							
Structural Crack Index	97	97					
Alligator Crack Index	100	100					
Longitudinal Crack Index	97	97					
Transverse Cracking Index	88	88					
Patching Index	100	100					
Rutting Index	100	100					
International Roughness Index (IRI)	N/A	N/A					
Lane & Width Information							
Number of Lanes	2	2					
Paved Width (ft)	26.4	26.4					
Lane Width (ft)	13.3	13.3					

### Lake Roosevelt National Recreation Area ROUTE 0232: FORT SPOKANE CAMPGROUND ENTRANCE ROAD

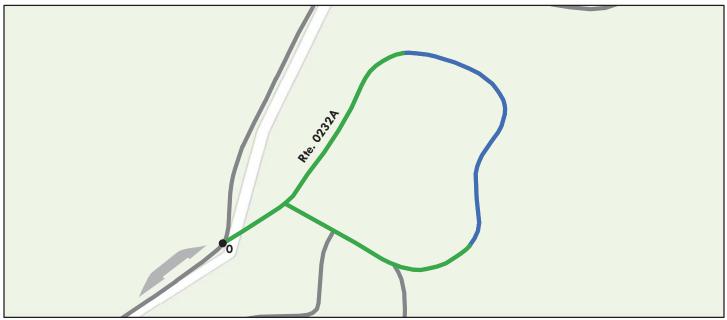


Sources: Esri, HERE, DeLorme, TomTom, Internap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), swisstopo, MapmyIndia, © OpenStreetMap contributors, and the GIS User Community

Route Condition Legend – Pavement Condition Rating (PCR)				
Poor (0 - 60) Fair (6	1- 84) Good (	(85 - 94)	<b>Excellent (95 - 100)</b>	Not Rated
	See Appendix for def	initions and f	ormulas	
<b>Inspection Date:</b> 10/1/2015	<b>Beginning Section MP</b>	0		
Paved Length (Miles): 0.27	Section Length (MI)	0.27		
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	98	98		
Alligator Crack Index	100	100		
Longitudinal Crack Index	98	98		
Transverse Cracking Index	94	94		
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)	19	19		
Lane Width (ft)	10.5	10.5		

ROUTE 0232A: FORT SPOKANE CAMPGROUND LOOPA

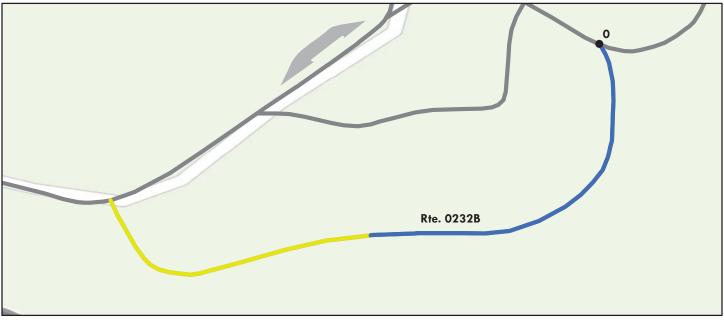




Sources: Esri, HERE, DeLorme, TomTom, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), swisstopo, MapmyIndia, © OpenStreetMap contributors, and the GIS User Community

Route Condition Legend – Pavement Condition Rating (PCR)				
Poor (0 - 60) Fair (6	1- 84) Good (	(85 - 94)	Excellent (95 - 100)	Not Rated
	See Appendix for def	initions and f	ormulas	
<b>Inspection Date:</b> 10/1/2015	<b>Beginning Section MP</b>	0		
Paved Length (Miles): 0.26	Section Length (MI)	0.26		
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	97	97		
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)	16.3	16.3		
Lane Width (ft)	12.9	12.9		

ROUTE 0232B: FORT SPOKANE CAMPGROUND LOOP B

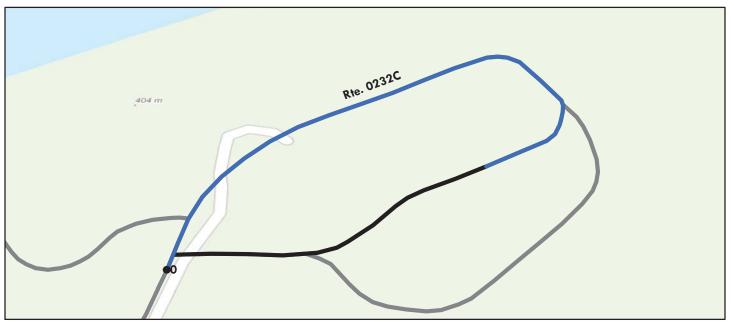


Sources: Esri, HERE, DeLorme, TomTom, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), swisstopo, MapmyIndia, © OpenStreetMap contributors, and the GIS User Community

Route Condition Legend – Pavement Condition Rating (PCR)				
<b>Poor (0 - 60)</b> Fair (6	1- 84) Good (	(85 - 94)	<b>Excellent (95 - 100)</b>	Not Rated
	See Appendix for def	initions and f	ormulas	
<b>Inspection Date:</b> 10/1/2015	<b>Beginning Section MP</b>	0		
Paved Length (Miles): 0.18	Section Length (MI)	0.18		
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	98	98		
Alligator Crack Index	100	100		
Longitudinal Crack Index	98	98		
Transverse Cracking Index	90	90		
Patching Index	100	100		
Rutting Index	91	91		
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		

ROUTE 0232C: FORT SPOKANE CAMPGROUND LOOP C





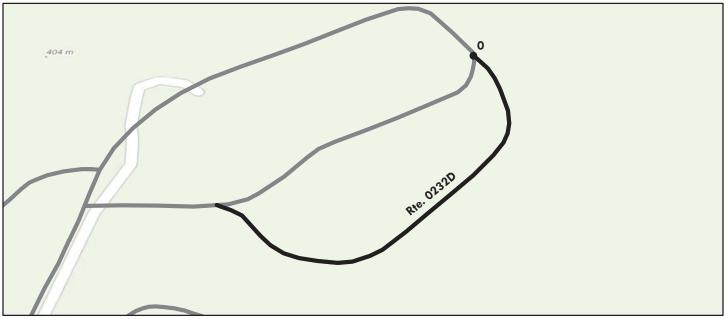
Sources: Esri, HERE, DeLorme, TomTom, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), swisstopo, MapmyIndia, © OpenStreetMap contributors, and the GIS User Community

Route Condition Legend – Pavement Condition Rating (PCR)				
<b>Poor (0 - 60)</b> Fair (6	1- 84) Good (	(85 - 94)	Excellent (95 - 100)	) Not Rated
	See Appendix for def	initions and f	ormulas	
<b>Inspection Date:</b> 10/1/2015	<b>Beginning Section MP</b>	0		
Paved Length (Miles): 0.3	Section Length (MI)	0.3		
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	98	98		
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)	17.1	17.1		
Lane Width (ft)	17.1	17.1		

Note: Unable to rate portions of the road due to debris on route.

ROUTE 0232D: FORT SPOKANE CAMPGROUND LOOP D





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

Route Condition Legend – Pavement Condition Rating (PCR)				
Poor (0 - 60) Fair (6	1- 84) Good (	(85 - 94)	<b>Excellent (95 - 100)</b>	Not Rated
	See Appendix for def	initions and f	formulas	
<b>Inspection Date:</b> 10/1/2015	<b>Beginning Section MP</b>	0		
Paved Length (Miles): 0.15	Section Length (MI)	0.15		
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)	12	12		
Lane Width (ft)	12	12		

Note: This road did not receive a condition rating due to debris on road (leaves / pine needles).

ROUTE 0232E: FORT SPOKANE CAMPGROUND LOOP E

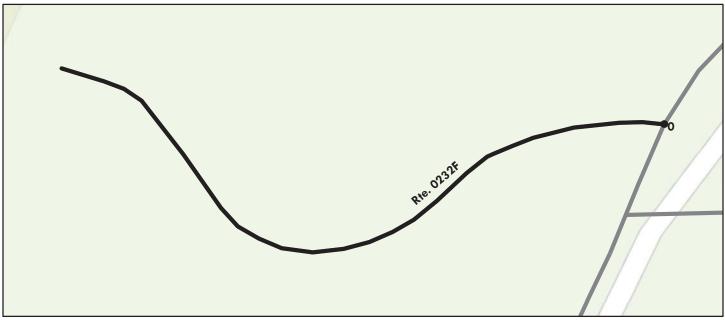


Sources: Esri, HERE, DeLorme, TomTom, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), swisstopo, MapmyIndia, © OpenStreetMap contributors, and the GIS User Community

Route Condition Legend – Pavement Condition Rating (PCR)				
<b>Poor (0 - 60) Fair</b>	(61- 84) Good	(85 - 94)	Excellent (95 - 100)	Not Rated
	See Appendix for det	finitions and f	formulas	
<b>Inspection Date:</b> 10/1/2015	Beginning Section MP	0		
Paved Length (Miles): 0.09	Section Length (MI)	0.09		
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	93	93		
Alligator Crack Index	100	100		
Longitudinal Crack Index	93	93		
Transverse Cracking Index	91	91		
Patching Index	100	100		
Rutting Index	92	92		
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		

ROUTE 0232F: FORT SPOKANE CAMPGROUND LOOP F





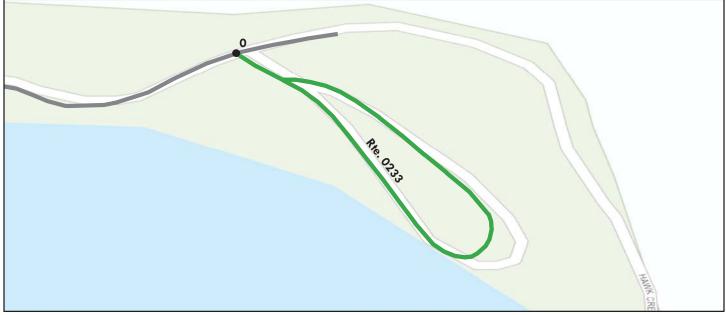
Sources: Esri, HERE, DeLorme, TomTom, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), swisstopo, MapmyIndia, © OpenStreetMap contributors, and the GIS User Community

Route Condition Legend – Pavement Condition Rating (PCR)					
<b>Poor (0 - 60) Fair (6</b>	1- 84) Good (	(85 - 94)	<b>Excellent (95 - 100)</b>	Not Rated	
	See Appendix for def	initions and f	ormulas		
<b>Inspection Date:</b> 10/1/2015	<b>Beginning Section MP</b>	0			
Paved Length (Miles): 0.09	Section Length (MI)	0.09			
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)	12.6	12.6			
Lane Width (ft)	12.6	12.6			

Note: This road did not receive a condition rating due to debris on road (leaves / pine needles).

ROUTE 0233: HAWK CREEK CAMPGROUND LOOP

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Data Collection Vehicle (DCV) Rating
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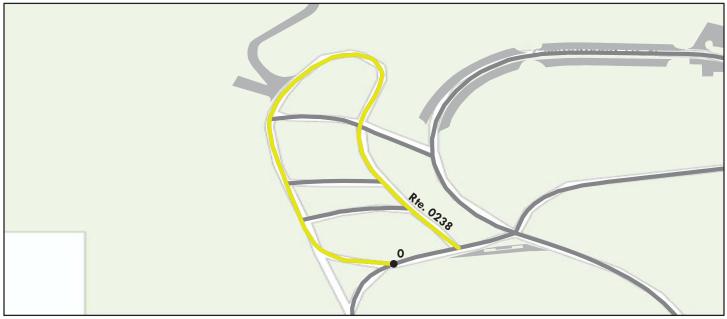


Sources: Esri, HERE, DeLorme, TomTom, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), swisstopo, MapmyIndia, © OpenStreetMap contributors, and the GIS User Community

Route Condition Legend – Pavement Condition Rating (PCR)				
<b>Poor (0 - 60) Fair (6</b>	61-84) Good	(85 - 94)	Excellent (95 - 100)	Not Rated
	See Appendix for def	initions and f	formulas	
<b>Inspection Date:</b> 10/1/2015	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)	89	89		
Surface Condition Rating (SCR)	89	89		
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	89	89		
International Roughness Index (IRI)	N/A	N/A		
Lane & Width Information				
Number of Lanes	1	1		
Paved Width (ft)	15.6	15.6		
Lane Width (ft)	14.8	14.8		

ROUTE 0238: SPRING CANYON CAMPGROUND ROAD





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

Route Condition Legend – Pavement Condition Rating (PCR)				
Poor (0 - 60) Fair (6	1- 84) Good (	(85 - 94)	<b>Excellent (95 - 100)</b>	Not Rated
	See Appendix for def	initions and f	formulas	
<b>Inspection Date:</b> 10/1/2015	<b>Beginning Section MP</b>	0		
Paved Length (Miles): 0.29	Section Length (MI)	0.29		
Surface Type: ASPHALT	Route Summary			
Roadway Condition Information				
Pavement Condition Rating (PCR)	76	76		
Surface Condition Rating (SCR)	76	76		
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	76	76		
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)	14.8	14.8		
Lane Width (ft)	14.8	14.8		

### Lake Roosevelt National Recreation Area ROUTE 0238A: SPRING CANYON CAMPGROUND CONNECTOR A



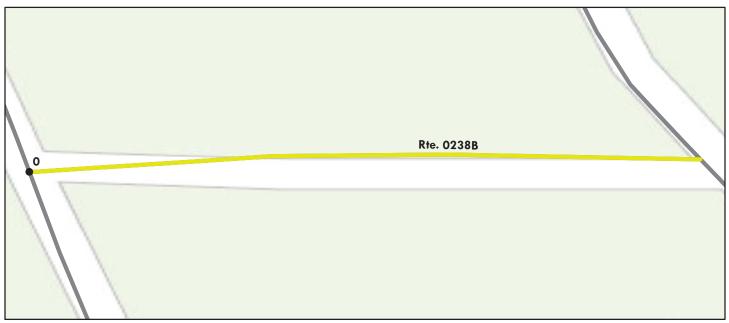
#### Data Collection Vehicle (DCV) Rating

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

Route Condition Legend – Pavement Condition Rating (PCR)				
Poor (0 - 60) Fair (65	1- 84) Good (	(85 - 94)	Excellent (95 - 100)	Not Rated
	See Appendix for def	initions and f	ormulas	
<b>Inspection Date:</b> 10/1/2015	<b>Beginning Section MP</b>	0		
Paved Length (Miles): 0.04	Section Length (MI)	0.04		
Surface Type: ASPHALT	Route Summary		•	•
Roadway Condition Information				
Pavement Condition Rating (PCR)	68	68		
Surface Condition Rating (SCR)	68	68		
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	68	68		
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)	11.8	11.8		
Lane Width (ft)	11.8	11.8		

## Lake Roosevelt National Recreation Area ROUTE 0238B: SPRING CANYON CAMPGROUND CONNECTOR B





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

Route Condition Legend – Pavement Condition Rating (PCR)							
<b>Poor (0 - 60) Fair</b>	(61- 84) Good	(85 - 94)	<b>Excellent (95 - 100)</b>	Not Rated			
	See Appendix for definitions and formulas						
Inspection Date: 10/1/2015	Beginning Section MP	0					
Paved Length (Miles): 0.03	Section Length (MI)	0.03					
Surface Type: ASPHALT	Route Summary						
Roadway Condition Information							
Pavement Condition Rating (PCR)	71	71					
Surface Condition Rating (SCR)	71	71					
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	71	71					
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)	12	12					
Lane Width (ft)	12	12					

## Lake Roosevelt National Recreation Area ROUTE 0238C: SPRING CANYON CAMPGROUND CONNECTOR C



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

Route Condition Legend – Pavement Condition Rating (PCR)				
Poor (0 - 60) Fair	(61- 84) Good	(85 - 94)	<b>Excellent (95 - 100)</b>	Not Rated
	See Appendix for de	finitions and f	formulas	
<b>Inspection Date:</b> 10/1/2015	Beginning Section MP	0		
Paved Length (Miles): 0.06	Section Length (MI)	0.06		
Surface Type: ASPHALT	Route Summary			•
Roadway Condition Information				
Pavement Condition Rating (PCR)	83	83		
Surface Condition Rating (SCR)	83	83		
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	83	83		
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		

ROUTE 0239: KELLER FERRY CAMPGROUND LOOP



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

Route Condition Legend – Pavement Condition Rating (PCR)				
<b>Poor (0 - 60)</b> Fair (6)	1- 84) Good (	(85 - 94)	<b>Excellent (95 - 100)</b>	Not Rated
	See Appendix for def	initions and f	ormulas	
<b>Inspection Date:</b> 10/1/2015	<b>Beginning Section MP</b>	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	99	99		
Alligator Crack Index	100	100		
Longitudinal Crack Index	99	99		
Transverse Cracking Index	96	96		
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)	16.7	16.7		
Lane Width (ft)	16.7	16.7		

### Lake Roosevelt National Recreation Area ROUTE 0240A: PORCUPINE BAY CAMPGROUND MAIN ROAD

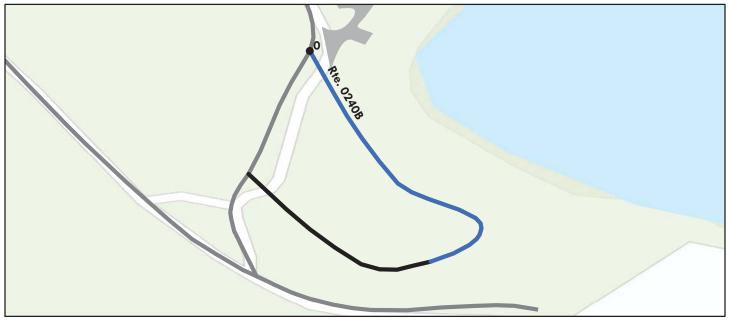


Sources: Esri, HERE, DeLorme, TomTom, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), swisstopo, MapmyIndia, © OpenStreetMap contributors, and the GIS User Community

Route Condition Legend – Pavement Condition Rating (PCR)				
<b>Poor (0 - 60) Fair (6</b>	Good Good	(85 - 94)	Excellent (95 - 100)	Not Rated
	See Appendix for def	finitions and f	formulas	
<b>Inspection Date:</b> 10/1/2015	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)	85	85		
Surface Condition Rating (SCR)	85	85		
Roughness Condition Index (RCI)	N/A	N/A		
Distress Index Values				
Structural Crack Index	98	98		
Alligator Crack Index	100	100		
Longitudinal Crack Index	98	98		
Transverse Cracking Index	85	85		
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)	17.9	17.9		
Lane Width (ft)	17.9	17.9		

## Lake Roosevelt National Recreation Area ROUTE 0240B: PORCUPINE BAY CAMPGROUND LOOP ROAD

### Data Collection Vehicle (DCV) Rating



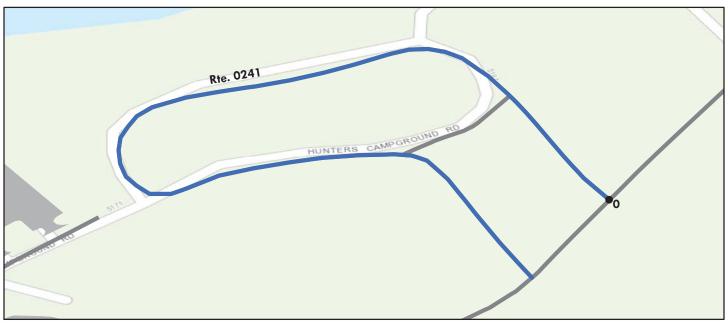
Sources: Esri, HERE, DeLorme, TomTom, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), swisstopo, MapmyIndia, © OpenStreetMap contributors, and the GIS User Community

Route Condition Legend – Pavement Condition Rating (PCR)				
Poor (0 - 60) Fair (6	1- 84) Good (	(85 - 94)	Excellent (95 - 100)	Not Rated
	See Appendix for def	initions and f	ormulas	
<b>Inspection Date:</b> 10/1/2015	<b>Beginning Section MP</b>	0		
Paved Length (Miles): 0.16	Section Length (MI)	0.16		
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	99	99		
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)	12.8	12.8		
Lane Width (ft)	12.8	12.8		

Note: Unable to rate portions of the road due to debris on route.

ROUTE 0241: HUNTERS CAMPGROUND ROAD

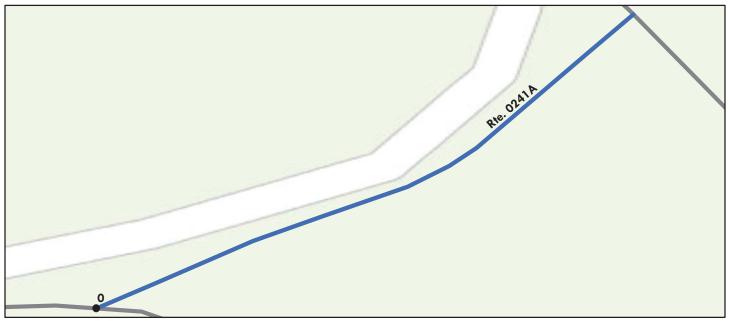




Sources: Esri, HERE, DeLorme, TomTom, Internap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), swisstopo, MapmyIndia, © OpenStreetMap contributors, and the GIS User Community

Route Condition Legend – Pavement Condition Rating (PCR)							
<b>Poor (0 - 60) Fair (</b>	61- 84) Good	(85 - 94)	Excellent (95 - 100)	Not Rated			
	See Appendix for definitions and formulas						
<b>Inspection Date:</b> 10/2/2015	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)	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	99	99					
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)	14.5	14.5					
Lane Width (ft)	14.5	14.5					

### Lake Roosevelt National Recreation Area ROUTE 0241A: HUNTERS CAMPGROUND CONNECTOR ROAD



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

Route Condition Legend – Pavement Condition Rating (PCR)				
<b>Poor (0 - 60)</b> Fair (6)	1- 84) Good (	(85 - 94)	Excellent (95 - 100)	Not Rated
	See Appendix for def	initions and f	ormulas	
<b>Inspection Date:</b> 10/2/2015	<b>Beginning Section MP</b>	0		
Paved Length (Miles): 0.03	Section Length (MI)	0.03		
Surface Type: ASPHALT	Route Summary		•	- · ·
Roadway Condition Information				
Pavement Condition Rating (PCR)	99	99		
Surface Condition Rating (SCR)	99	99		
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	99	99		
International Roughness Index (IRI)	N/A	N/A		
Lane & Width Information				
Number of Lanes	1	1		
Paved Width (ft)	16.4	16.4		
Lane Width (ft)	16.4	16.4		

ROUTE 0242: HUNTERS BOAT LAUNCH ACCESS ROAD

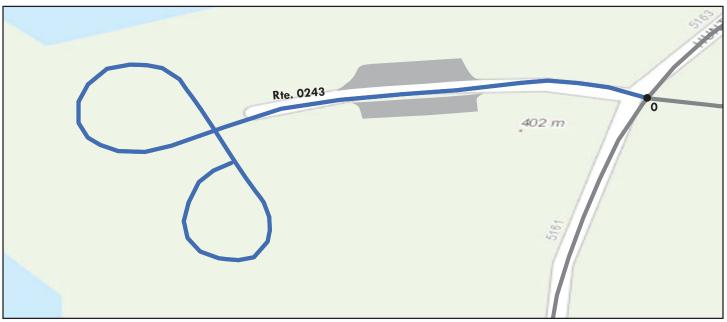


Sources: Esri, HERE, DeLorme, TomTom, Internap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), swisstopo, MapmyIndia, © OpenStreetMap contributors, and the GIS User Community

Route Condition Legend – Pavement Condition Rating (PCR)				
<b>Poor (0 - 60)</b> Fair (6	1- 84) Good	(85 - 94)	Excellent (95 - 100)	Not Rated
	See Appendix for def	initions and f	ormulas	
<b>Inspection Date:</b> 10/2/2015	<b>Beginning Section MP</b>	0		
Paved Length (Miles): 0.51	Section Length (MI)	0.51		
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	99	99		
Alligator Crack Index	100	100		
Longitudinal Crack Index	99	99		
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	2	2		
Paved Width (ft)	23.9	23.9		
Lane Width (ft)	11.9	11.9		

ROUTE 0243: HUNTERS GROUP CAMP LOOP





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

Route Condition Legend – Pavement Condition Rating (PCR)						
<b>Poor (0 - 60) Fair</b>	(61- 84) Good	(85 - 94)	<b>Excellent (95 - 100)</b>	Not Rated		
See Appendix for definitions and formulas						
<b>Inspection Date:</b> 10/2/2015	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)	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)	17.6	17.6				
Lane Width (ft)	17.6	17.6				

ROUTE 0244A: GIFFORD CAMPGROUND ROAD



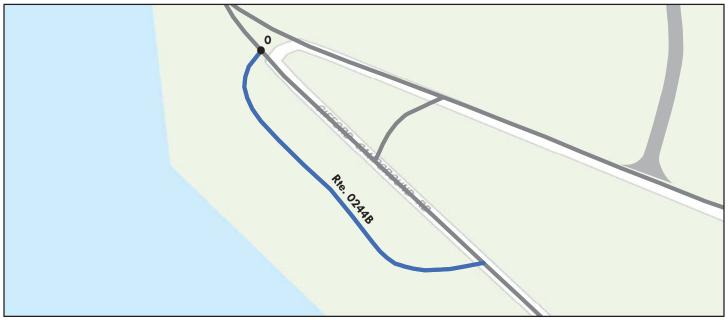


Sources: Esri, HERE, DeLorme, TomTom, Internap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), swisstopo, MapmyIndia, © OpenStreetMap contributors, and the GIS User Community

Route Condition Legend – Pavement Condition Rating (PCR)				
<b>Poor (0 - 60) Fair (6</b>	61-84) Good	(85 - 94)	<b>Excellent (95 - 100)</b>	Not Rated
	See Appendix for def	initions and f	ormulas	
<b>Inspection Date:</b> 10/2/2015	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)	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	2	2		
Paved Width (ft)	21.7	21.7		
Lane Width (ft)	10.9	10.9		

### Lake Roosevelt National Recreation Area ROUTE 0244B: GIFFORD CAMPGROUND LOOP B

Data Collection Vehicle (DCV) Rating

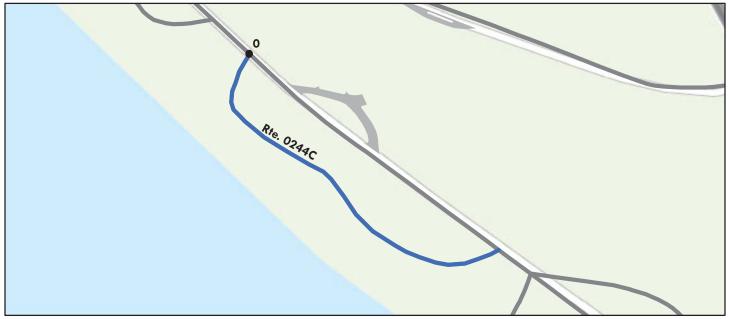


Sources: Esri, HERE, DeLorme, TomTom, Internap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), swisstopo, MapmyIndia, © OpenStreetMap contributors, and the GIS User Community

Route Condition Legend – Pavement Condition Rating (PCR)					
<b>Poor (0 - 60) Fair</b>	61- 84) Good	(85 - 94)	Excellent (95 - 100)	Not Rated	
	See Appendix for def	initions and f	formulas		
<b>Inspection Date:</b> 10/2/2015	Beginning Section MP	0			
Paved Length (Miles): 0.09	Section Length (MI)	0.09			
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)	13.9	13.9			
Lane Width (ft)	13.9	13.9			

ROUTE 0244C: GIFFORD CAMPGROUND LOOP C



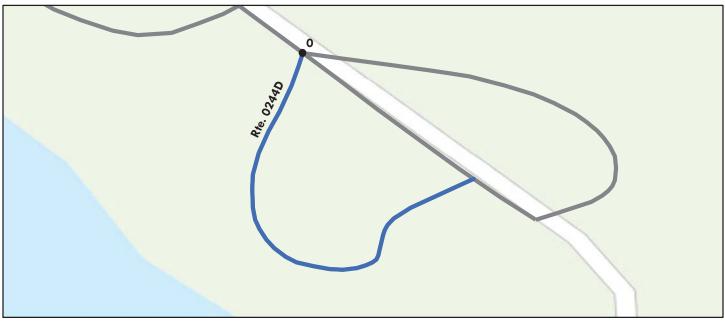


Sources: Esri, HERE, DeLorme, TomTom, Internap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), swisstopo, MapmyIndia, © OpenStreetMap contributors, and the GIS User Community

Route Condition Legend – Pavement Condition Rating (PCR)				
Poor (0 - 60) Fair (6	1- 84) Good (	(85 - 94)	Excellent (95 - 100)	Not Rated
	See Appendix for def	initions and f	ormulas	
<b>Inspection Date:</b> 10/2/2015	<b>Beginning Section MP</b>	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	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)	15.2	15.2		
Lane Width (ft)	15.2	15.2		

### Lake Roosevelt National Recreation Area ROUTE 0244D: GIFFORD CAMPGROUND LOOP D





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

Route Condition Legend – Pavement Condition Rating (PCR)				
Poor (0 - 60) Fair (6	1- 84) Good (	(85 - 94)	<b>Excellent (95 - 100)</b>	Not Rated
	See Appendix for def	initions and f	ormulas	
<b>Inspection Date:</b> 10/2/2015	Beginning Section MP	0		
Paved Length (Miles): 0.09	Section Length (MI)	0.09		
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	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)	13	13		
Lane Width (ft)	13	13		

### Lake Roosevelt National Recreation Area ROUTE 0244E: GIFFORD CAMPGROUND LOOP E



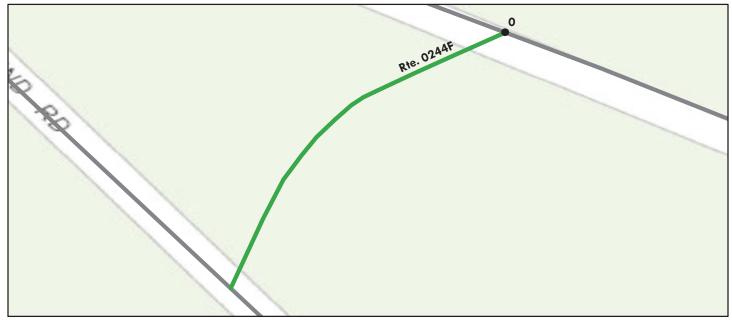


Sources: Esri, HERE, DeLorme, TomTom, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), swisstopo, MapmyIndia, © OpenStreetMap contributors, and the GIS User Community

Route Condition Legend – Pavement Condition Rating (PCR)				
Poor (0 - 60) Fair (6)	1- 84) Good (	(85 - 94)	Excellent (95 - 100)	Not Rated
	See Appendix for def	initions and f	formulas	
<b>Inspection Date:</b> 10/2/2015	<b>Beginning Section MP</b>	0		
Paved Length (Miles): 0.08	Section Length (MI)	0.08		
Surface Type: ASPHALT	Route Summary			•
Roadway Condition Information				
Pavement Condition Rating (PCR)	99	99		
Surface Condition Rating (SCR)	99	99		
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	99	99		
International Roughness Index (IRI)	N/A	N/A		
Lane & Width Information				
Number of Lanes	1	1		
Paved Width (ft)	13.7	13.7		
Lane Width (ft)	13.7	13.7		

ROUTE 0244F: GIFFORD CAMPGROUND EXIT SPUR



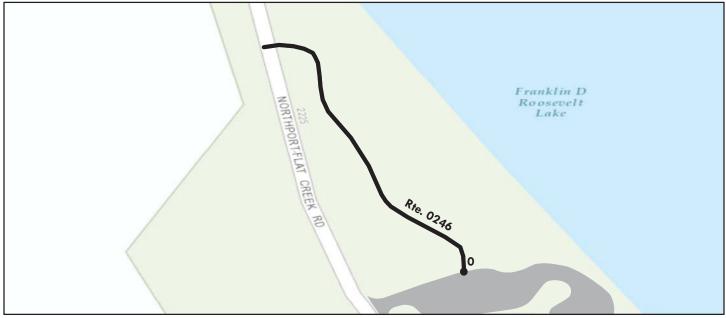


Sources: Esri, HERE, DeLorme, TomTom, Internap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), swisstopo, MapmyIndia, © OpenStreetMap contributors, and the GIS User Community

Route Condition Legend – Pavement Condition Rating (PCR)				
Poor (0 - 60) Fair (6	1- 84) Good (	(85 - 94)	Excellent (95 - 100)	Not Rated
	See Appendix for def	initions and f	ormulas	
<b>Inspection Date:</b> 10/2/2015	<b>Beginning Section MP</b>	0		
Paved Length (Miles): 0.02	Section Length (MI)	0.02		
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	100	100		
Alligator Crack Index	100	100		
Longitudinal Crack Index	100	100		
Transverse Cracking Index	100	100		
Patching Index	100	100		
Rutting Index	91	91		
International Roughness Index (IRI)	N/A	N/A		
Lane & Width Information				
Number of Lanes	2	2		
Paved Width (ft)	19.9	19.9		
Lane Width (ft)	9.9	9.9		

ROUTE 0246: SNAG COVE CAMPGROUND LOOP





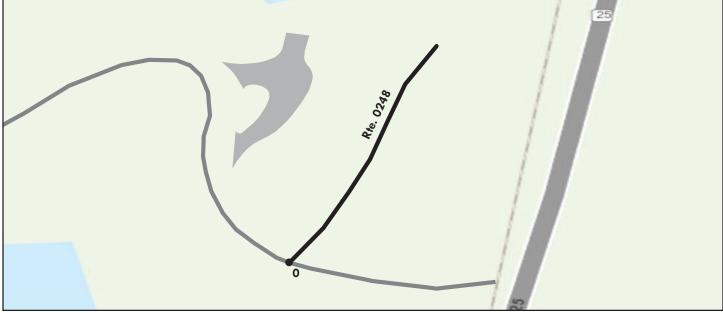
Sources: Esri, HERE, DeLorme, TomTom, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), swisstopo, MapmyIndia, © OpenStreetMap contributors, and the GIS User Community

Route Condition Legend – Pavement Condition Rating (PCR)				
<b>Poor (0 - 60)</b> Fair (6)	1- 84) Good (	(85 - 94)	Excellent (95 - 100)	Not Rated
	See Appendix for def	initions and f	ormulas	
<b>Inspection Date:</b> 10/2/2015	<b>Beginning Section MP</b>	0		
Paved Length (Miles): 0.09	Section Length (MI)	0.09		
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)	11.4	11.4		
Lane Width (ft)	11.4	11.4		

Note: This road did not receive a condition rating due to debris on road (leaves / pine needles).

ROUTE 0248: NORTH GORGE CAMPGROUND SPUR





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

Route Condition Legend – Pavement Condition Rating (PCR)				
<b>Poor (0 - 60)</b> Fair (6)	1- 84) Good (	(85 - 94)	Excellent (95 - 100)	Not Rated
	See Appendix for def	initions and f	ormulas	
<b>Inspection Date:</b> 10/2/2015	<b>Beginning Section MP</b>	0		
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)	13.3	13.3		
Lane Width (ft)	13.3	13.3		

Note: This road did not receive a condition rating due to debris on road (leaves / pine needles).

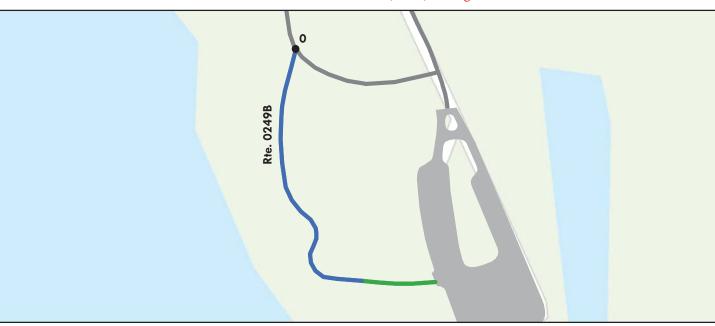
ROUTE 0249A: EVANS CAMPGROUND LOOPA



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

Route Condition Legend – Pavement Condition Rating (PCR)					
<b>Poor (0 - 60) Fair</b>	(61- 84) Good	(85 - 94)	<b>Excellent (95 - 100)</b>	Not Rated	
	See Appendix for det	finitions and f	formulas		
<b>Inspection Date:</b> 10/2/2015	Beginning Section MP	0			
Paved Length (Miles): 0.22	Section Length (MI)	0.22			
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	99	99			
Patching Index	100	100			
Rutting Index	97	97			
International Roughness Index (IRI)	N/A	N/A			
Lane & Width Information					
Number of Lanes	2	2			
Paved Width (ft)	19.1	19.1			
Lane Width (ft)	9.6	9.6			

ROUTE 0249B: EVANS CAMPGROUND LOOP B



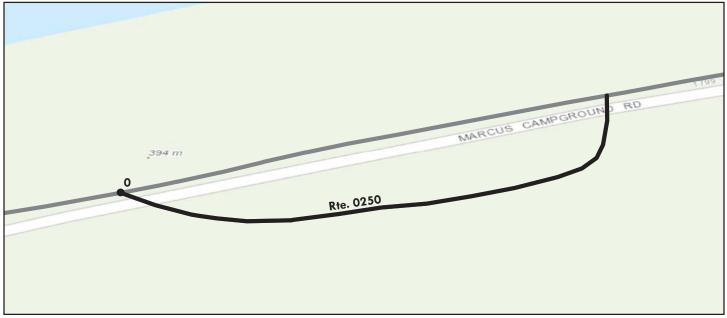
Data Collection Vehicle (DCV) Rating

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

Route Condition Legend – Pavement Condition Rating (PCR)					
Poor (0 - 60) Fair (6	1- 84) Good (	(85 - 94)	Excellent (95 - 100)	Not Rated	
	See Appendix for def	initions and f	ormulas		
<b>Inspection Date:</b> 10/2/2015	<b>Beginning Section MP</b>	0			
Paved Length (Miles): 0.12	Section Length (MI)	0.12			
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)	20.8	20.8			
Lane Width (ft)	20.8	20.8			

ROUTE 0250: MARCUS ISLAND CAMPGROUND LOOP

#### Data Collection Vehicle (DCV) Rating



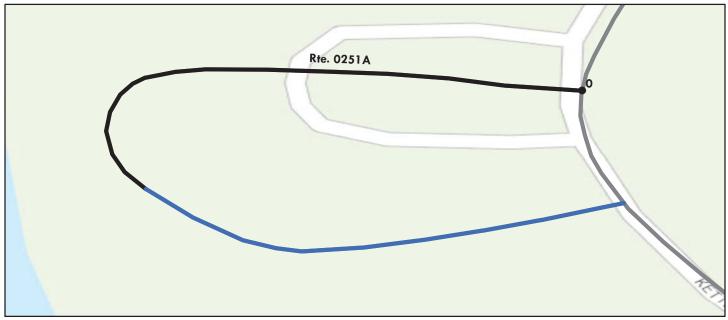
Sources: Esri, HERE, DeLorme, TomTom, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), swisstopo, MapmyIndia, © OpenStreetMap contributors, and the GIS User Community

Route Condition Legend – Pavement Condition Rating (PCR)				
<b>Poor (0 - 60)</b> Fair (6)	1- 84) Good (	(85 - 94)	<b>Excellent (95 - 100)</b>	Not Rated
	See Appendix for def	initions and f	formulas	
<b>Inspection Date:</b> 10/2/2015	<b>Beginning Section MP</b>	0		
Paved Length (Miles): 0.11	Section Length (MI)	0.11		
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)	13.5	13.5		
Lane Width (ft)	13.5	13.5		

Note: This road did not receive a condition rating due to debris on road (leaves / pine needles).

ROUTE 0251A: KETTLE FALLS CAMPGROUND LOOP 1

#### Data Collection Vehicle (DCV) Rating

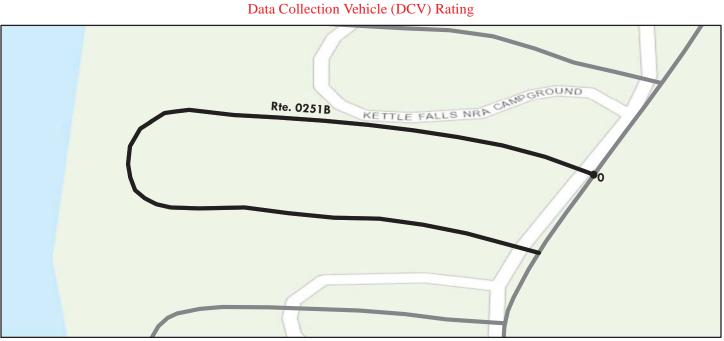


Sources: Esri, HERE, DeLorme, TomTom, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), swisstopo, MapmyIndia, © OpenStreetMap contributors, and the GIS User Community

Route Condition Legend – Pavement Condition Rating (PCR)					
<b>Poor (0 - 60)</b> Fair (6	1- 84) Good	(85 - 94)	Excellent (95 - 100)	Not Rated	
See Appendix for definitions and formulas					
<b>Inspection Date:</b> 10/2/2015	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	98	98			
Alligator Crack Index	100	100			
Longitudinal Crack Index	98	98			
Transverse Cracking Index	99	99			
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)	9.8	9.8			
Lane Width (ft)	9.8	9.8			

Note: Unable to rate portions of the road due to debris on route.

ROUTE 0251B: KETTLE FALLS CAMPGROUND LOOP 2



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

Route Condition Legend – Pavement Condition Rating (PCR)				
<b>Poor (0 - 60)</b> Fair (6)	1- 84) Good (	(85 - 94)	Excellent (95 - 100)	Not Rated
	See Appendix for def	initions and f	ormulas	
<b>Inspection Date:</b> 10/2/2015	<b>Beginning Section MP</b>	0		
Paved Length (Miles): 0.21	Section Length (MI)	0.21		
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)	12	12		
Lane Width (ft)	12	12		

Note: This road did not receive a condition rating due to debris on road (leaves / pine needles).

## Lake Roosevelt National Recreation Area ROUTE 0251C: KETTLE FALLS CAMPGROUND LOOP 3

Data Collection Vehicle (DCV) Rating



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

Route Condition Legend – Pavement Condition Rating (PCR)				
Poor (0 - 60) Fair (6	1- 84) Good	(85 - 94)	Excellent (95 - 100)	Not Rated
	See Appendix for def	initions and f	formulas	
<b>Inspection Date:</b> 10/2/2015	<b>Beginning Section MP</b>	0		
Paved Length (Miles): 0.24	Section Length (MI)	0.24		
Surface Type: ASPHALT	Route Summary		• •	- <b>·</b>
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	98	98		
Alligator Crack Index	100	100		
Longitudinal Crack Index	98	98		
Transverse Cracking Index	93	93		
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)	10.6	10.6		
Lane Width (ft)	10.6	10.6		

## Lake Roosevelt National Recreation Area ROUTE 0252: KETTLE FALLS LOCUST GROVE GROUP CAMPGROUND ROAD



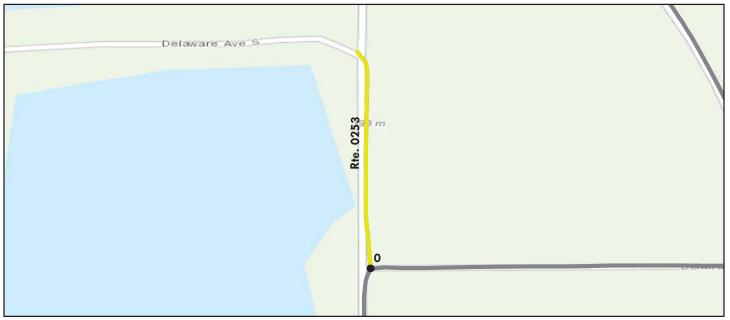
#### Data Collection Vehicle (DCV) Rating

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

Route Condition Legend – Pavement Condition Rating (PCR)				
Poor (0 - 60) Fair (6	1- 84) Good (	(85 - 94)	<b>Excellent (95 - 100)</b>	) Not Rated
	See Appendix for def	initions and f	ormulas	
<b>Inspection Date:</b> 10/2/2015	<b>Beginning Section MP</b>	0		
Paved Length (Miles): 0.3	Section Length (MI)	0.3		
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	94	94		
Alligator Crack Index	100	100		
Longitudinal Crack Index	94	94		
Transverse Cracking Index	94	94		
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)	13.3	13.3		
Lane Width (ft)	13.3	13.3		

## Lake Roosevelt National Recreation Area ROUTE 0253: KETTLE FALLS LIONS ISLAND SPUR

Data Collection Vehicle (DCV) Rating

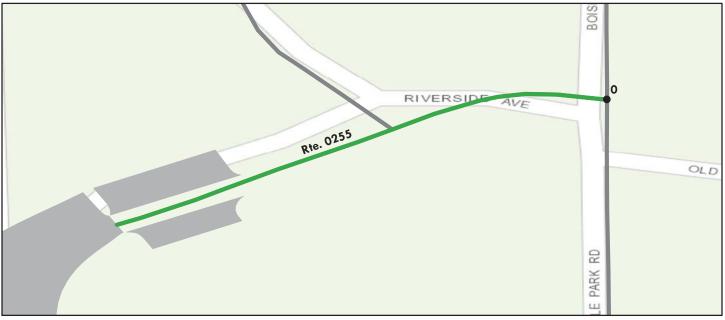


Sources: Esri, HERE, DeLorme, TomTom, Internap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), swisstopo, MapmyIndia, © OpenStreetMap contributors, and the GIS User Community

Route Condition Legend – Pavement Condition Rating (PCR)				
<b>Poor (0 - 60) Fair (6</b>	<b>1- 84</b> ) Good	(85 - 94)	Excellent (95 - 100)	Not Rated
	See Appendix for def	initions and f	formulas	
<b>Inspection Date:</b> 10/2/2015	Beginning Section MP	0		
Paved Length (Miles): 0.14	Section Length (MI)	0.14		
Surface Type: ASPHALT	Route Summary		• •	• •
Roadway Condition Information				
Pavement Condition Rating (PCR)	77	77		
Surface Condition Rating (SCR)	77	77		
Roughness Condition Index (RCI)	N/A	N/A		
Distress Index Values				
Structural Crack Index	77	77		
Alligator Crack Index	98	98		
Longitudinal Crack Index	79	79		
Transverse Cracking Index	98	98		
Patching Index	99	99		
Rutting Index	87	87		
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)	8.7	8.7		

### Lake Roosevelt National Recreation Area ROUTE 0255: KETTLE FALLS FACILITIES ROAD

#### Data Collection Vehicle (DCV) Rating



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

<b>Route Condition Legend – Pavement Condition Rating (PCR)</b>				
<b>Poor</b> (0 - 60) <b>F</b>	air (61- 84) Good	(85 - 94)	<b>Excellent (95 - 100)</b>	Not Rated
	See Appendix for det	finitions and	formulas	
<b>Inspection Date:</b> 10/2/2015	Beginning Section MP	0		
Paved Length (Miles): 0.06	Section Length (MI)	0.06		
Surface Type: ASPHALT	Route Summary		• •	•
Roadway Condition Information				
Pavement Condition Rating (PCR)	89	89		
Surface Condition Rating (SCR)	89	89		
Roughness Condition Index (RCI)	N/A	N/A		
Distress Index Values				
Structural Crack Index	97	97		
Alligator Crack Index	100	100		
Longitudinal Crack Index	97	97		
Transverse Cracking Index	89	89		
Patching Index	100	100		
Rutting Index	96	96		
International Roughness Index (IR)	I) N/A	N/A		
Lane & Width Information				
Number of Lanes	2	2		
Paved Width (ft)	15.2	15.2		
Lane Width (ft)	7.6	7.6		

ROUTE 0256: KETTLE FALLS SERVICE ACCESS ROAD

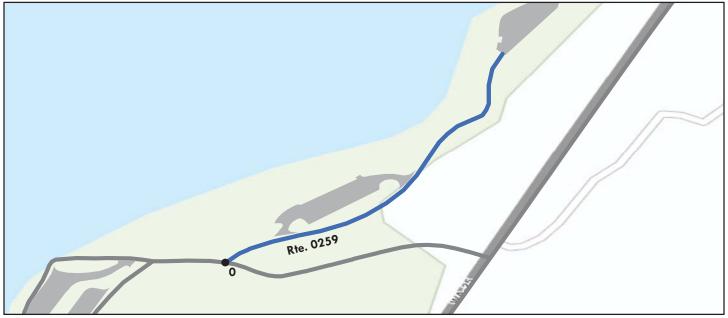


Sources: Esri, HERE, DeLorme, TomTom, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), swisstopo, MapmyIndia, © OpenStreetMap contributors, and the GIS User Community

Route Condition Legend – Pavement Condition Rating (PCR)				
Poor (0 - 60) Fair (6	1- 84) Good (	(85 - 94)	<b>Excellent (95 - 100)</b>	Not Rated
	See Appendix for def	initions and f	ormulas	
<b>Inspection Date:</b> 10/2/2015	<b>Beginning Section MP</b>	0		
Paved Length (Miles): 0.21	Section Length (MI)	0.21		
Surface Type: ASPHALT	Route Summary		•	
Roadway Condition Information				
Pavement Condition Rating (PCR)	83	83		
Surface Condition Rating (SCR)	83	83		
Roughness Condition Index (RCI)	N/A	N/A		
Distress Index Values				
Structural Crack Index	83	83		
Alligator Crack Index	89	89		
Longitudinal Crack Index	94	94		
Transverse Cracking Index	95	95		
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)	15.1	15.1		
Lane Width (ft)	11.5	11.5		

ROUTE 0259: BRADBURY DAY USE ACCESS ROAD

#### Data Collection Vehicle (DCV) Rating



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

Route Condition Legend – Pavement Condition Rating (PCR)				
Poor (0 - 60) Fair (6	1- 84) Good	(85 - 94)	Excellent (95 - 100)	Not Rated
	See Appendix for def	initions and f	ormulas	
<b>Inspection Date:</b> 10/2/2015	Beginning Section MP	0		
Paved Length (Miles): 0.17	Section Length (MI)	0.17		
Surface Type: ASPHALT	Route Summary		•	• •
Roadway Condition Information				
Pavement Condition Rating (PCR)	99	99		
Surface Condition Rating (SCR)	99	99		
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	100	100		
Rutting Index	99	99		
International Roughness Index (IRI)	N/A	N/A		
Lane & Width Information				
Number of Lanes	1	1		
Paved Width (ft)	13.6	13.6		
Lane Width (ft)	12.6	12.6		

## Lake Roosevelt National Recreation Area ROUTE 0260: KELLER FERRY FLOATING DOCK HOUSE ROAD





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

<b>Route Condition Legend – Pavement Condition Rating (PCR)</b>				
<b>Poor (0 - 60) Fair (6</b>	Good (Good (	(85 - 94)	Excellent (95 - 100)	Not Rated
	See Appendix for def	initions and f	ormulas	
<b>Inspection Date:</b> 10/1/2015	Beginning Section MP	0		
Paved Length (Miles): 0.09	Section Length (MI)	0.09		
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	99	99		
Alligator Crack Index	100	100		
Longitudinal Crack Index	99	99		
Transverse Cracking Index	84	84		
Patching Index	100	100		
Rutting Index	89	89		
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		

## Lake Roosevelt National Recreation Area ROUTE 0400: KETTLE FALLS SERVICE / HOUSING ROAD (RIVERSIDE AVENUE)



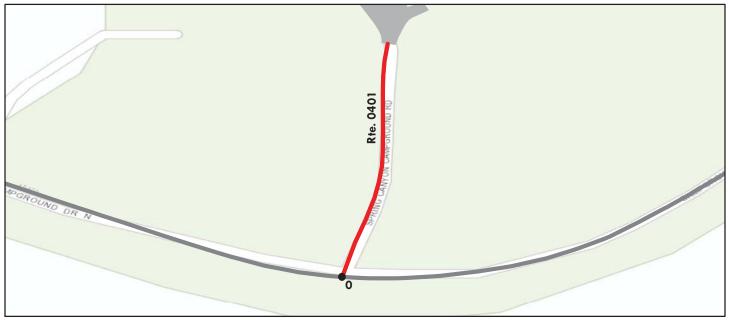
#### Data Collection Vehicle (DCV) Rating

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

Route Condition Legend – Pavement Condition Rating (PCR)				
Poor (0 - 60) Fair (6	1- 84) Good (	(85 - 94)	<b>Excellent (95 - 100)</b>	Not Rated
	See Appendix for def	initions and f	formulas	
<b>Inspection Date:</b> 10/2/2015	<b>Beginning Section MP</b>	0		
Paved Length (Miles): 0.24	Section Length (MI)	0.24		
Surface Type: ASPHALT	Route Summary			
Roadway Condition Information				
Pavement Condition Rating (PCR)	75	75		
Surface Condition Rating (SCR)	75	75		
Roughness Condition Index (RCI)	N/A	N/A		
Distress Index Values				
Structural Crack Index	75	75		
Alligator Crack Index	97	97		
Longitudinal Crack Index	78	78		
Transverse Cracking Index	89	89		
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)	18.5	18.5		
Lane Width (ft)	9.2	9.2		

ROUTE 0401: SPRING CANYON SERVICE / HOUSING ROAD

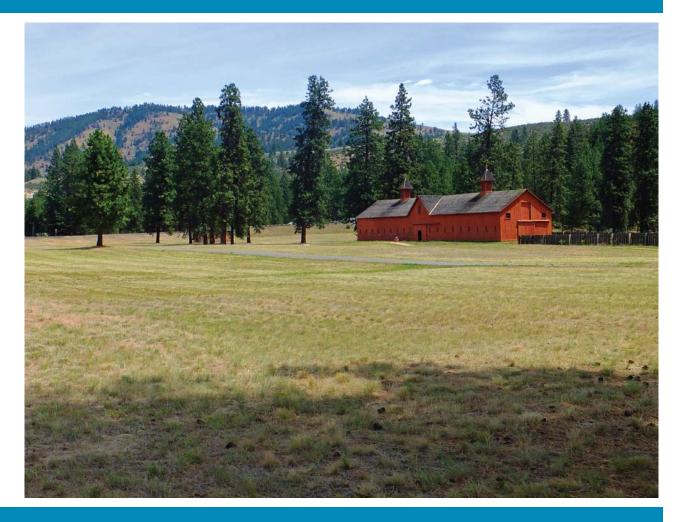
#### Data Collection Vehicle (DCV) Rating



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

Route	<b>Route Condition Legend – Pavement Condition Rating (PCR)</b>				
<b>Poor (0 - 60)</b> Fair (6	61-84) Good	(85 - 94)	Excellent (95 - 100)	Not Rated	
	See Appendix for def	finitions and f	formulas		
<b>Inspection Date:</b> 10/1/2015	Beginning Section MP	0			
Paved Length (Miles): 0.09	Section Length (MI)	0.09			
Surface Type: ASPHALT	Route Summary		•	• •	
Roadway Condition Information					
Pavement Condition Rating (PCR)	47	47			
Surface Condition Rating (SCR)	47	47			
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	47	47			
Patching Index	100	100			
Rutting Index	94	94			
International Roughness Index (IRI)	N/A	N/A			
Lane & Width Information					
Number of Lanes	2	2			
Paved Width (ft)	16.8	16.8			
Lane Width (ft)	8.4	8.4			

# Section 6 Paved Parking Area Condition Rating Sheets



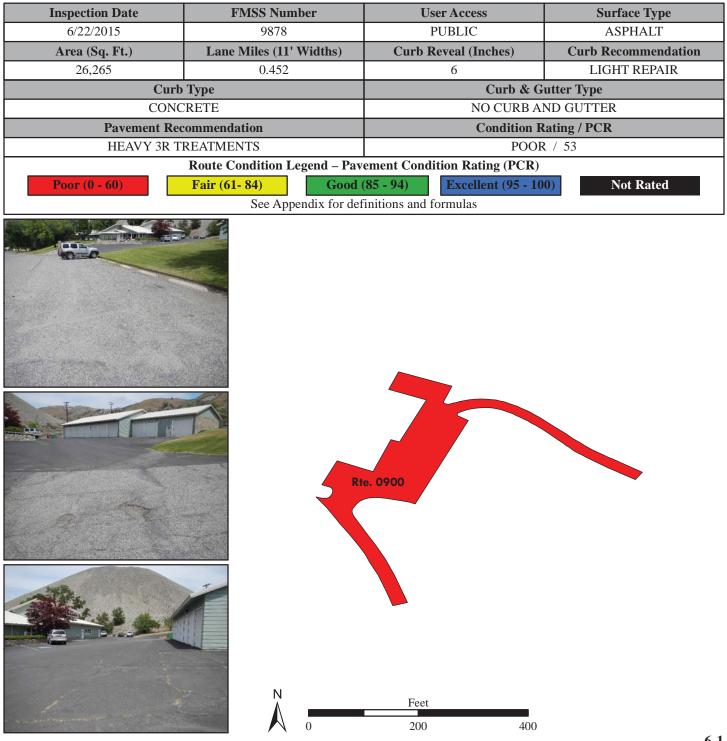
## Lake Roosevelt National Recreation Area



## Lake Roosevelt National Recreation Area **ROUTE 0900: PARK HEADQUARTERS FACILITIES PARKING**

Manual Rating

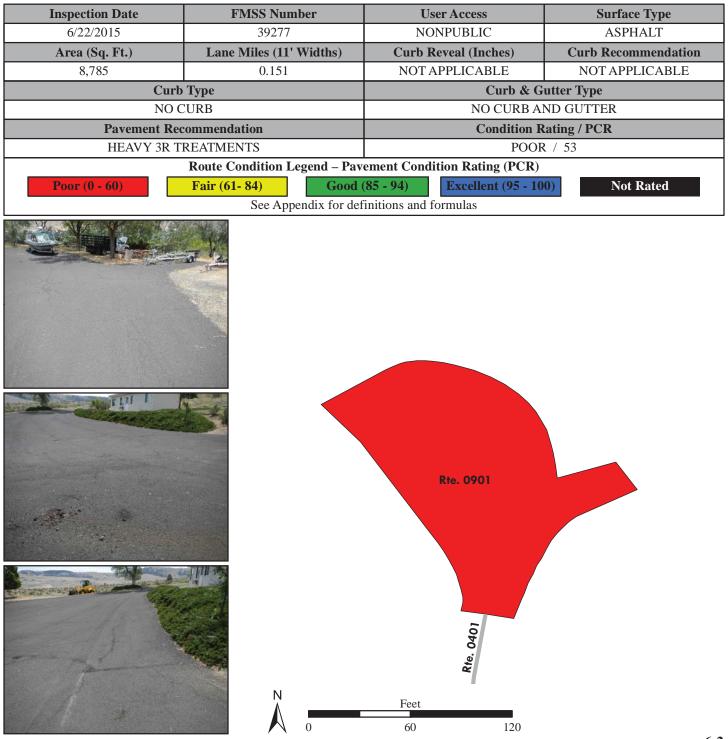
FROM CREST DRIVE IN COULEE DAM, WA



**ROUTE 0901: SPRING CANYON HOUSING PARKING** 

Manual Rating

#### FROM END OF ROUTE 0401 (SPRING CANYON SERVICE / HOUSING ROAD)

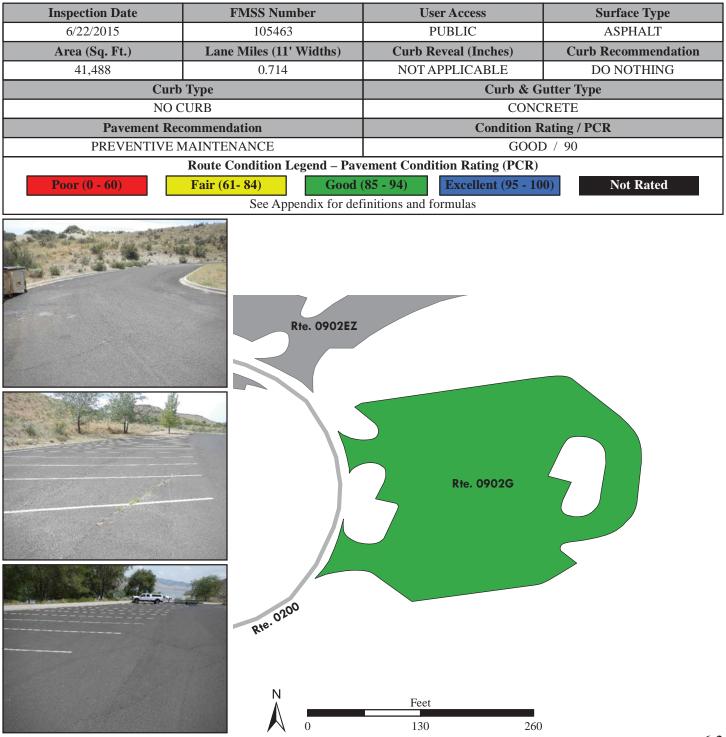


### Lake Roosevelt National Recreation Area ROUTE 0902G: SPRING CANYON BOAT LAUNCH PARKING G

Manual Rating

FROM ROUTE 0200 (SPRING CANYON ROAD) AT MP 1.49 ON LEFT

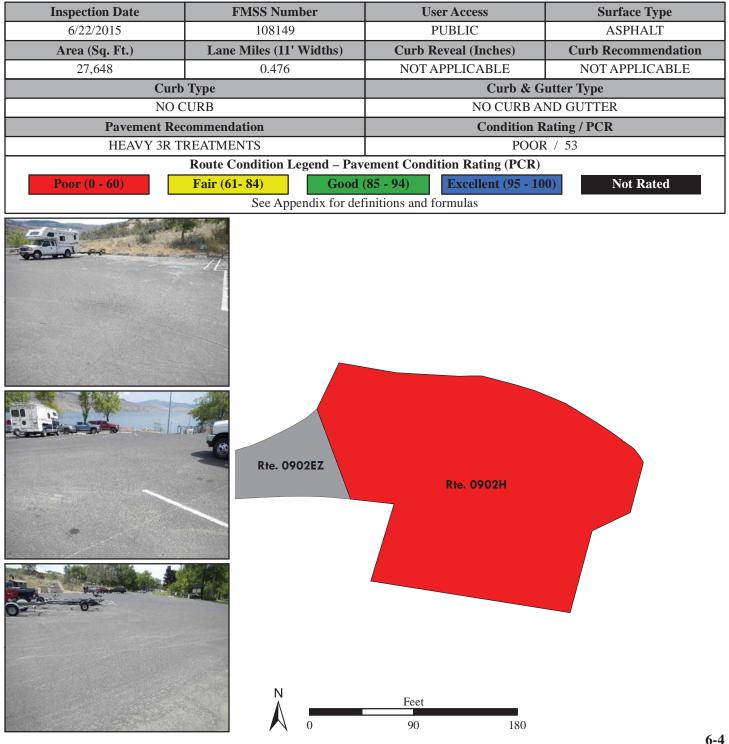
TO ROUTE 0200 (SPRING CANYON ROAD)



### Lake Roosevelt National Recreation Area **ROUTE 0902H: SPRING CANYON BOAT LAUNCH PARKING H**

Manual Rating

#### FROM END OF ROUTE 0902EZ (SPRING CANYON DAY USE PARKING E)



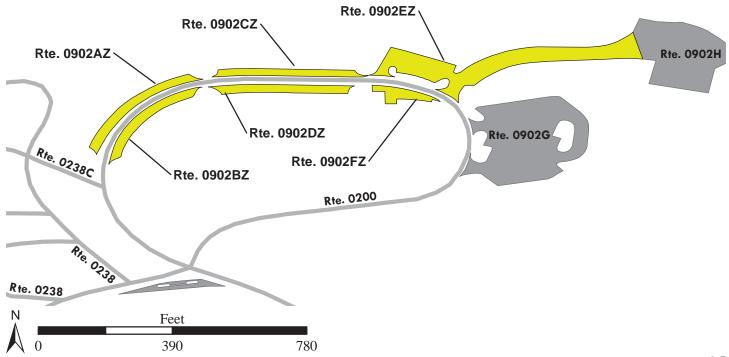
## Lake Roosevelt National Recreation Area ROUTE 0902ZZ: SPRING CANYON DAY USE PARKING AREA COMPLEX

Summary Route Manual Rating

ADJACENT TO ROUTE 0200 (SPRING CANYON ROAD) ON LEFT AND RIGHT

Inspection Date	FMSS Number	User Access	Surface Type	
6/22/2015	39278	PUBLIC	ASPHALT	
Area (Sq. Ft.)	Lane Miles (11' Widths)	Condition R	ating / PCR	
54,093	0.931	SUMMARY / 61		
	Route Condition Legend – Pavement Condition Rating (PCR)			
<b>Poor (0 - 60)</b>	<b>Fair (61- 84) Good</b>	(85 - 94) Excellent (95 - 10	0) Not Rated	
See Appendix for definitions and formulas				

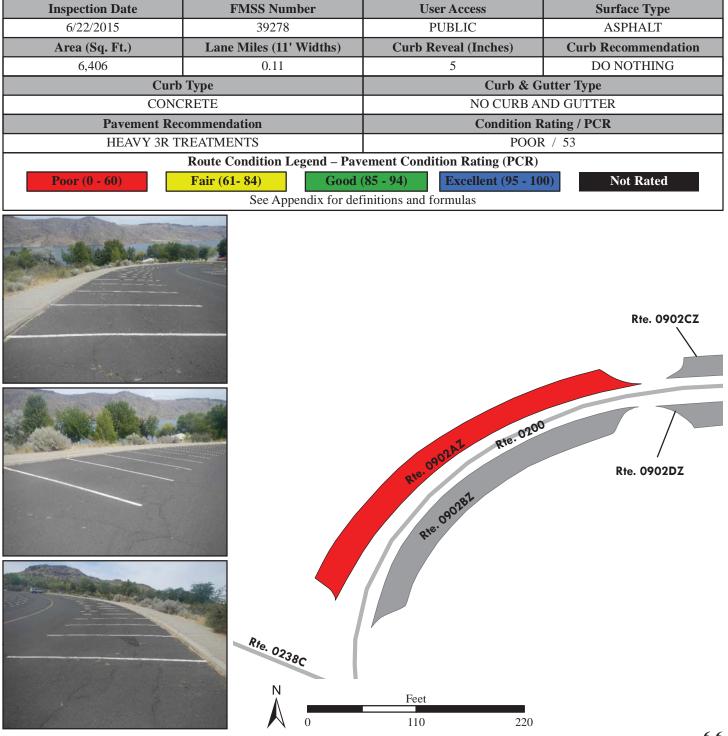
The condition shown on this page reflects the overall route condition and may not reflect individual subcomponent ratings.



## Lake Roosevelt National Recreation Area ROUTE 0902AZ: SPRING CANYON DAY USE PARKING A

Subcomponent of Route LARO-0902ZZ Manual Rating

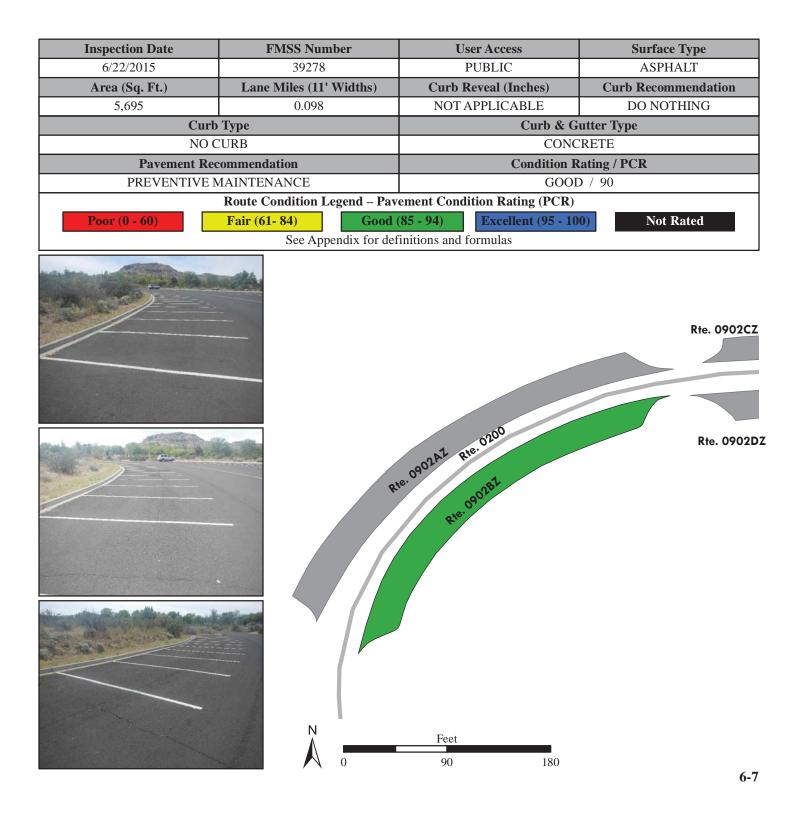
ADJACENT TO ROUTE 0200 (SPRING CANYON ROAD) AT MP 1.35 ON LEFT



## Lake Roosevelt National Recreation Area ROUTE 0902BZ: SPRING CANYON DAY USE PARKING B

Subcomponent of Route LARO-0902ZZ Manual Rating

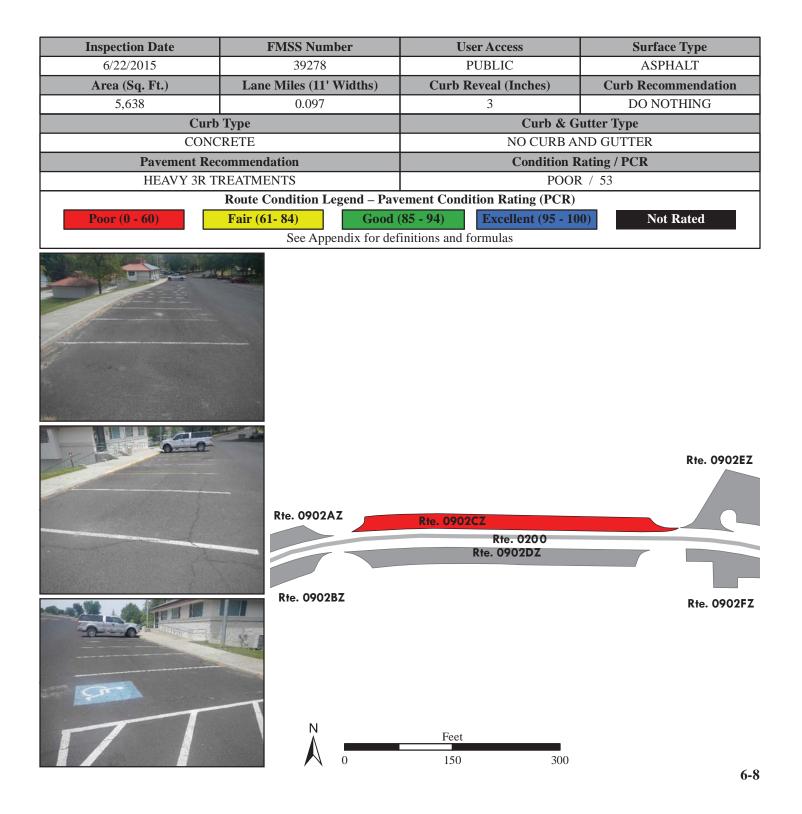
ADJACENT TO ROUTE 0200 (SPRING CANYON ROAD) AT MP 1.35 ON RIGHT



## Lake Roosevelt National Recreation Area ROUTE 0902CZ: SPRING CANYON DAY USE PARKING C

Subcomponent of Route LARO-0902ZZ Manual Rating

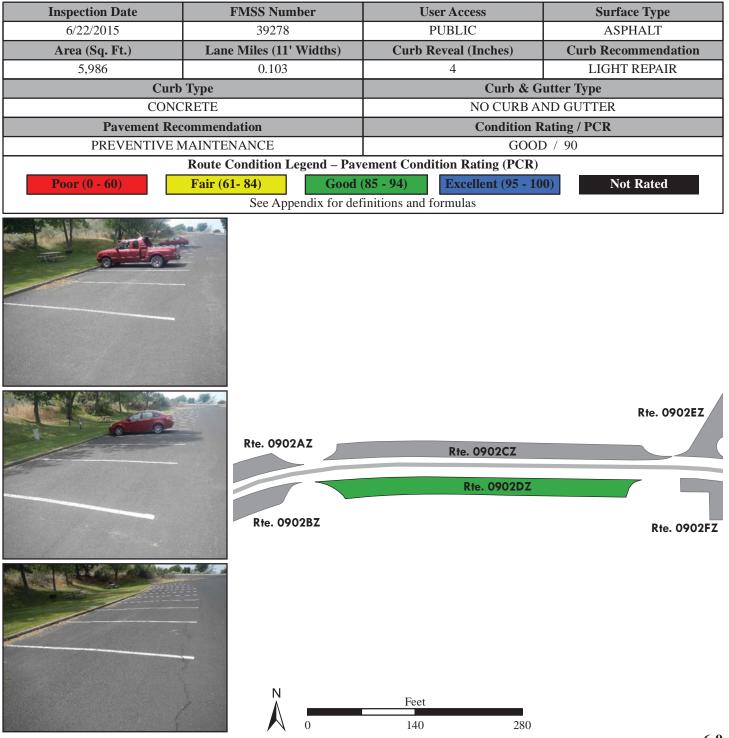
ADJACENT TO ROUTE 0200 (SPRING CANYON ROAD) AT MP 1.41 ON LEFT



## Lake Roosevelt National Recreation Area ROUTE 0902DZ: SPRING CANYON DAY USE PARKING D

Subcomponent of Route LARO-0902ZZ Manual Rating

ADJACENT TO ROUTE 0200 (SPRING CANYON ROAD) AT MP 1.41 ON RIGHT

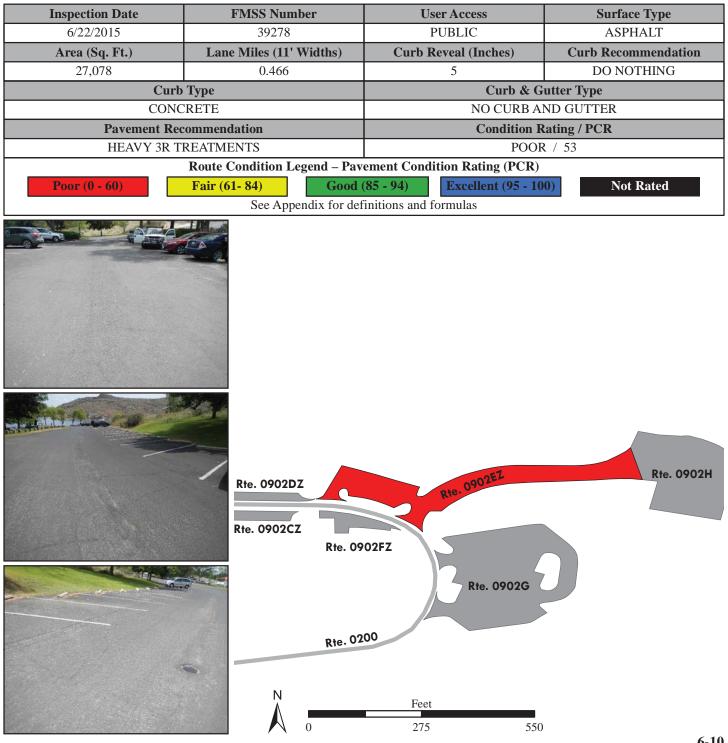


## Lake Roosevelt National Recreation Area **ROUTE 0902EZ: SPRING CANYON DAY USE PARKING E**

Subcomponent of Route LARO-0902ZZ Manual Rating

FROM ROUTE 0200 (SPRING CANYON ROAD) AT MP 1.45 ON LEFT

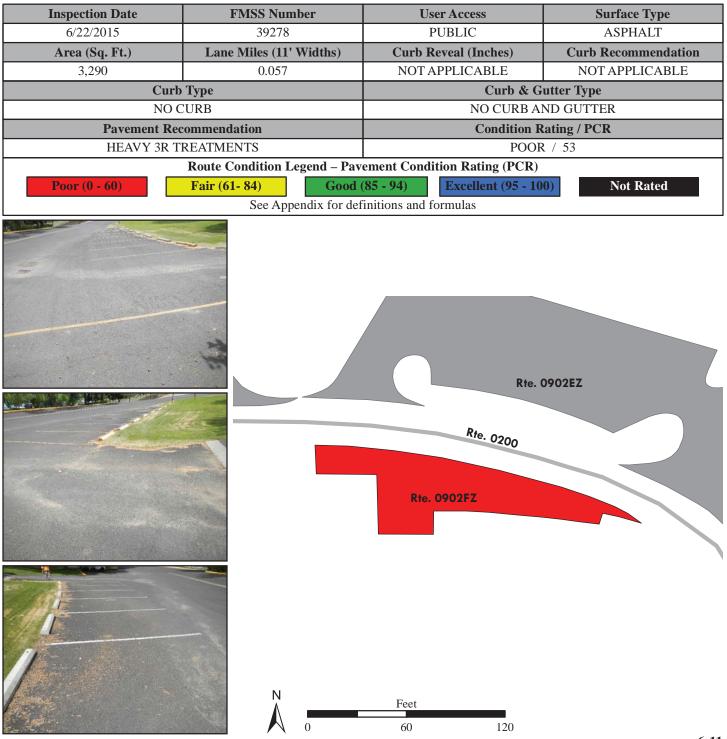
TO ROUTE 0902H (SPRING CANYON BOAT LAUNCH PARKING H)



## Lake Roosevelt National Recreation Area ROUTE 0902FZ: SPRING CANYON DAY USE PARKING F

Subcomponent of Route LARO-0902ZZ Manual Rating

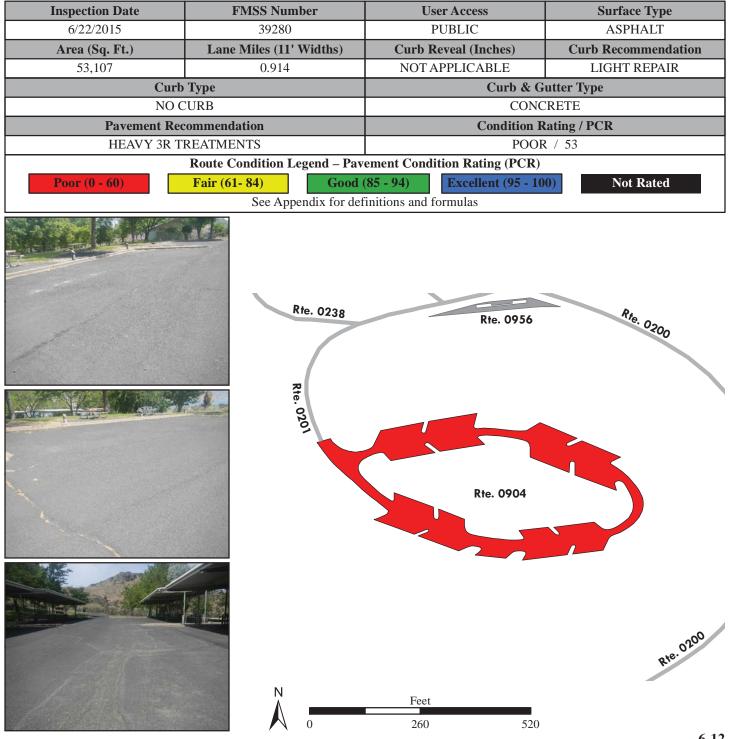
ADJACENT TO ROUTE 0200 (SPRING CANYON ROAD) AT MP 1.45 ON RIGHT



**ROUTE 0904: SPRING CANYON RV CAMPGROUND PARKING** 

Manual Rating

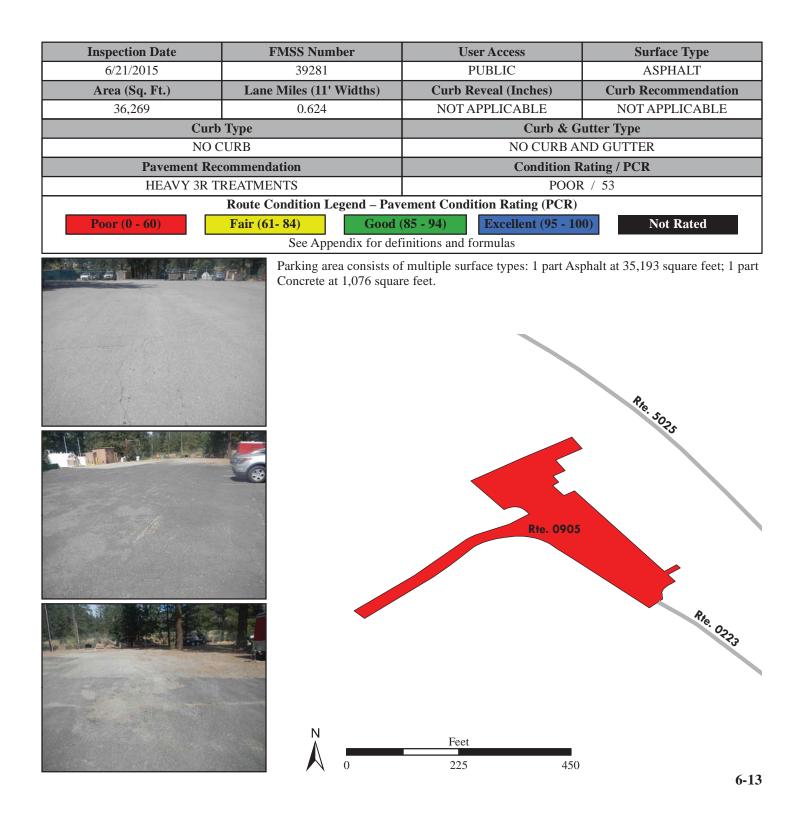
#### FROM END OF ROUTE 0201 (SPRING CANYON RV CAMPGROUND ROAD)



**ROUTE 0905: FORT SPOKANE FACILITIES PARKING** 

Manual Rating

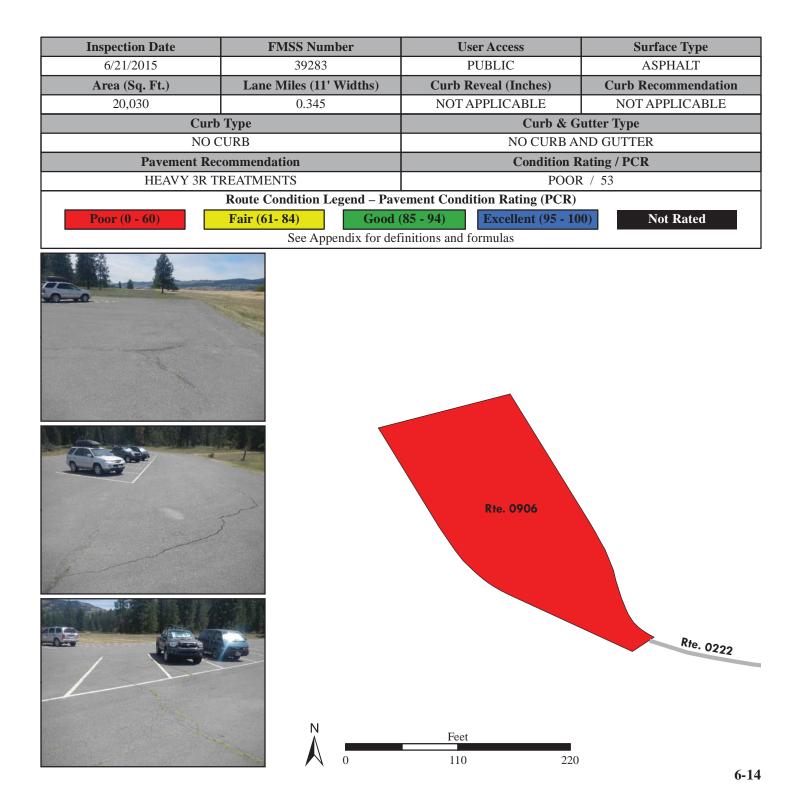
#### FROM END OF ROUTE 0223 (FORT SPOKANE FACILITIES ROAD)



**ROUTE 0906: FORT SPOKANE VISITOR CENTER PARKING** 

Manual Rating

#### FROM END OF ROUTE 0222 (FORT SPOKANE VISITOR CENTER ACCESS ROAD)



ROUTE 0907ZZ: FORT SPOKANE BOAT LAUNCH PARKING

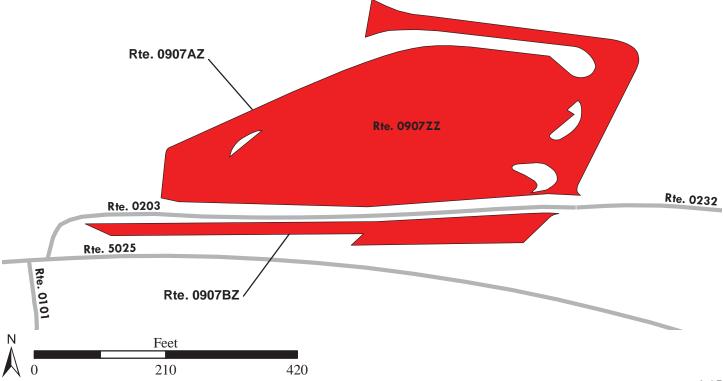
Summary Route Manual Rating

#### FROM ROUTE 0203 (FORT SPOKANE CAMPGROUND ROAD) ON LEFT AND RIGHT

#### TO PARKING

Inspection Date	FMSS Number	User Access	Surface Type		
6/21/2015	39284	PUBLIC	ASPHALT		
Area (Sq. Ft.)	Lane Miles (11' Widths)	Condition R	ating / PCR		
112,173	1.932	SUMMA	.RY / 57		
	Route Condition Legend – Pavement Condition Rating (PCR)				
<b>Poor (0 - 60)</b>	<b>Fair (61- 84) Good (</b>	(85 - 94) Excellent (95 - 10	0) Not Rated		
See Appendix for definitions and formulas					

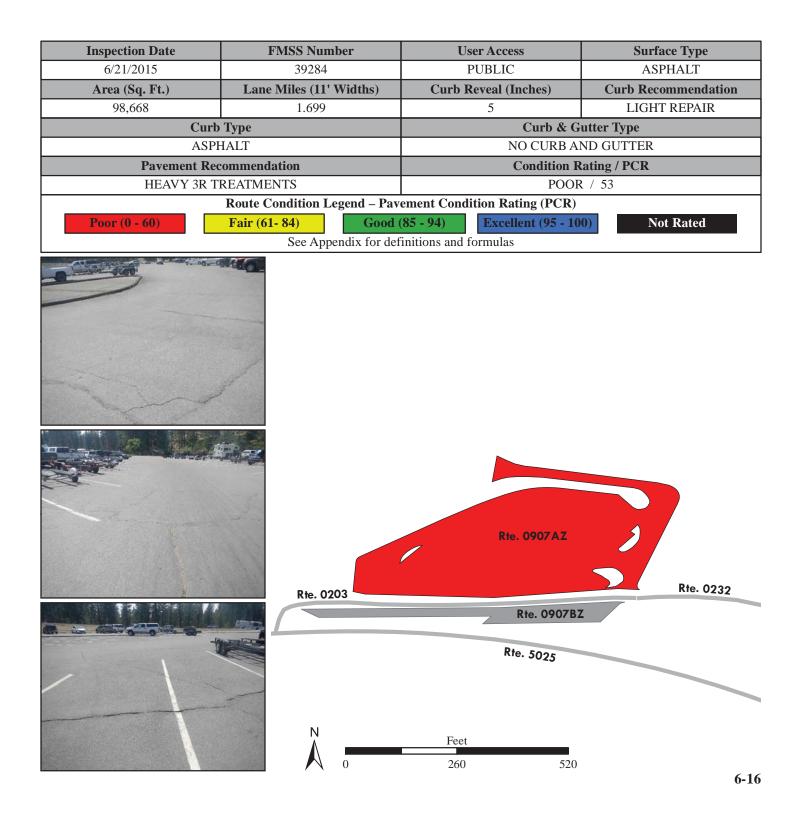
The condition shown on this page reflects the overall route condition and may not reflect individual subcomponent ratings.



## Lake Roosevelt National Recreation Area ROUTE 0907AZ: FORT SPOKANE BOAT LAUNCH PARKING A

Subcomponent of Route LARO-0907ZZ Manual Rating

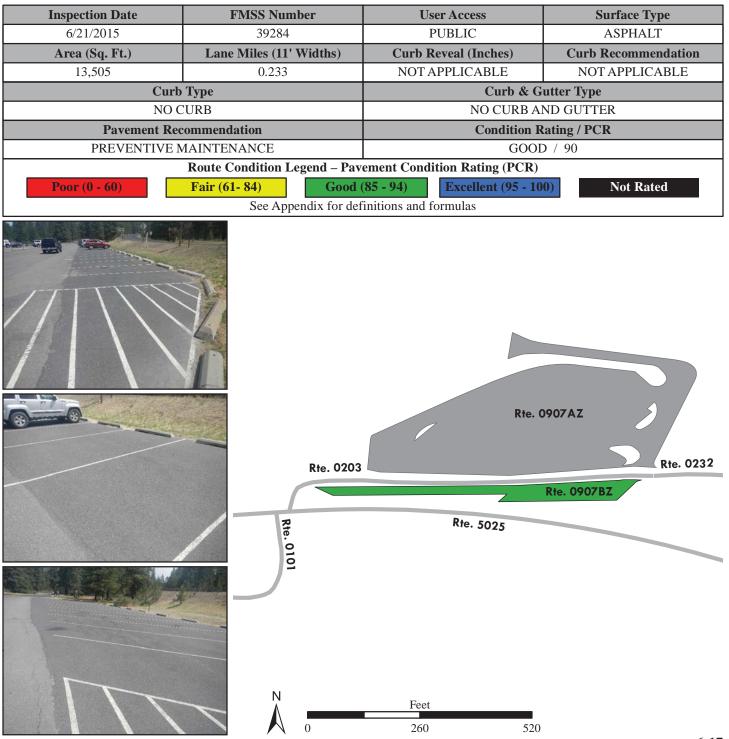
#### FROM ROUTE 0203 (FORT SPOKANE CAMPGROUND ROAD)



## Lake Roosevelt National Recreation Area ROUTE 0907BZ: FORT SPOKANE BOAT LAUNCH PARKING B

Subcomponent of Route LARO-0907ZZ Manual Rating

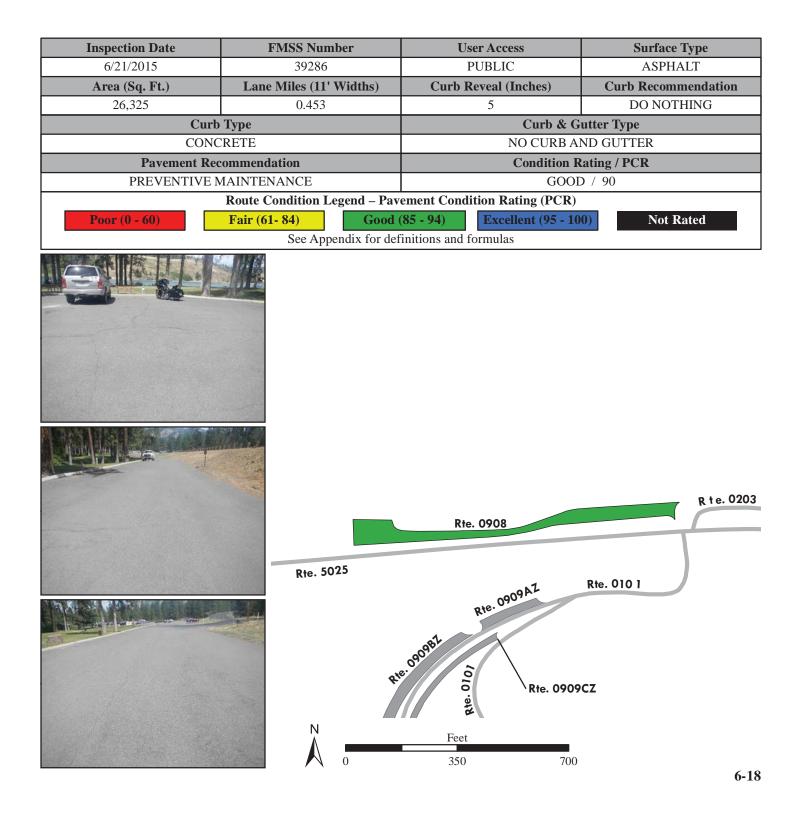
ADJACENT TO ROUTE 0203 (FORT SPOKANE CAMPGROUND ROAD)



ROUTE 0908: FORT SPOKANE GROUP CAMP PARKING

Manual Rating

#### FROM ROUTE 0203 (FORT SPOKANE CAMPGROUND ROAD)



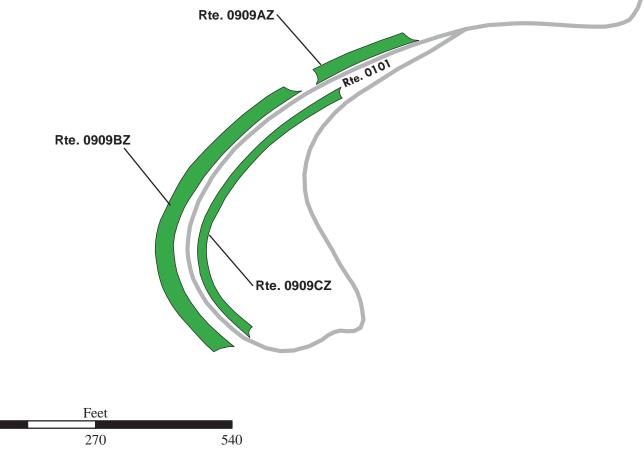
## Lake Roosevelt National Recreation Area ROUTE 0909ZZ: FORT SPOKANE PICNIC LOOP PARKING AREA COMPLEX

Summary Route Manual Rating

ADJACENT TO ROUTE 0101 (FORT SPOKANE PICNIC AREA LOOP ROAD)

Inspection Date	FMSS Number	User Access	Surface Type	
6/21/2015	39287	PUBLIC	ASPHALT	
Area (Sq. Ft.)	Lane Miles (11' Widths)	Condition R	ating / PCR	
24,888	0.429	SUMMA	ARY / 90	
	Route Condition Legend – Pavement Condition Rating (PCR)			
<b>Poor (0 - 60)</b>	<b>Fair (61- 84) Good</b>	(85 - 94) Excellent (95 - 10	0) Not Rated	
See Appendix for definitions and formulas				

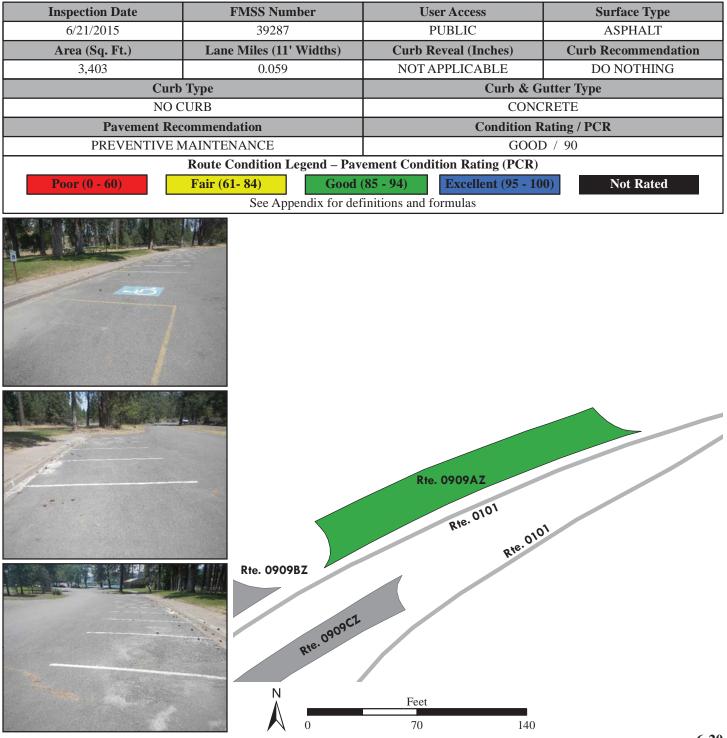
The condition shown on this page reflects the overall route condition and may not reflect individual subcomponent ratings.



## Lake Roosevelt National Recreation Area ROUTE 0909AZ: FORT SPOKANE PICNIC LOOP PARKING A

Subcomponent of Route LARO-0909ZZ Manual Rating

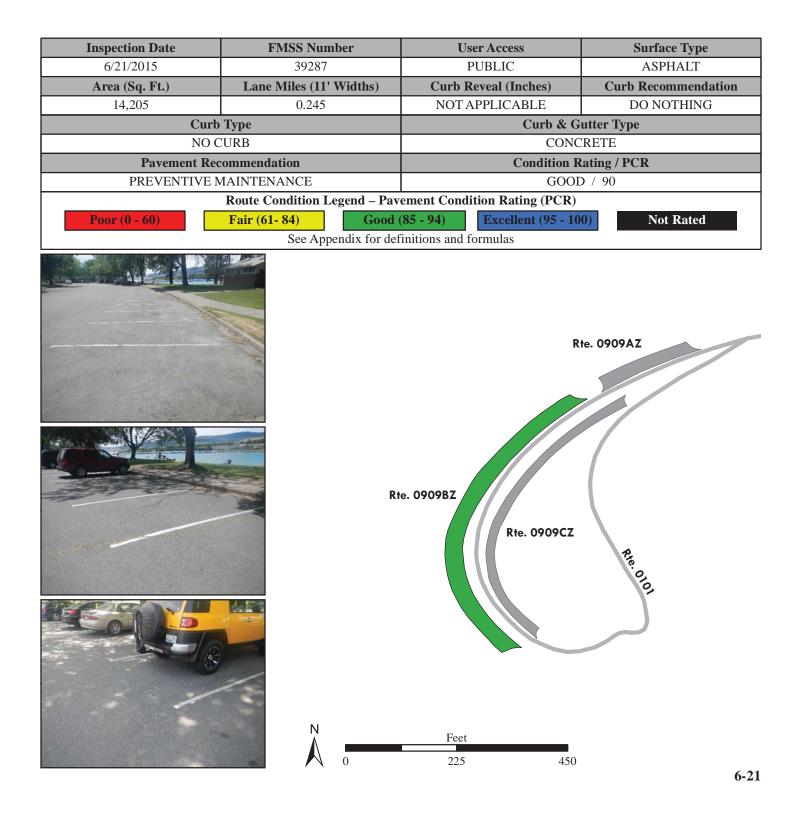
ADJACENT TO ROUTE 0101 (FORT SPOKANE PICNIC AREA LOOP ROAD) AT MP 0.09 ON RIGHT



## Lake Roosevelt National Recreation Area ROUTE 0909BZ: FORT SPOKANE PICNIC LOOP PARKING B

Subcomponent of Route LARO-0909ZZ Manual Rating

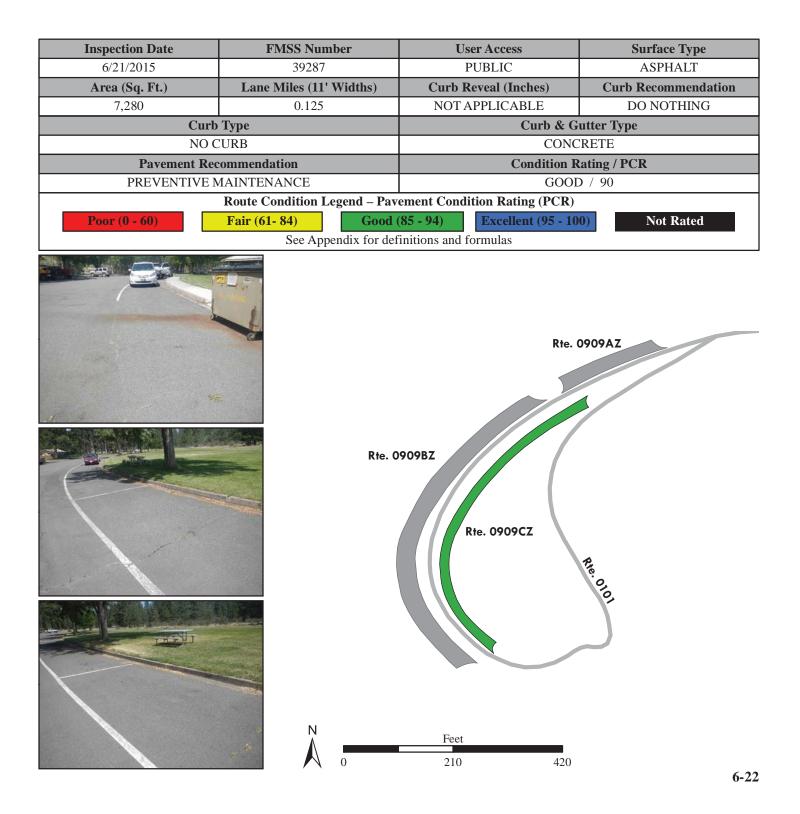
ADJACENT TO ROUTE 0101 (FORT SPOKANE PICNIC AREA LOOP ROAD) AT MP 0.11 ON RIGHT



## Lake Roosevelt National Recreation Area ROUTE 0909CZ: FORT SPOKANE PICNIC LOOP PARKING C

Subcomponent of Route LARO-0909ZZ Manual Rating

ADJACENT TO ROUTE 0101 (FORT SPOKANE PICNIC AREA LOOP ROAD) AT MP 0.11 ON LEFT

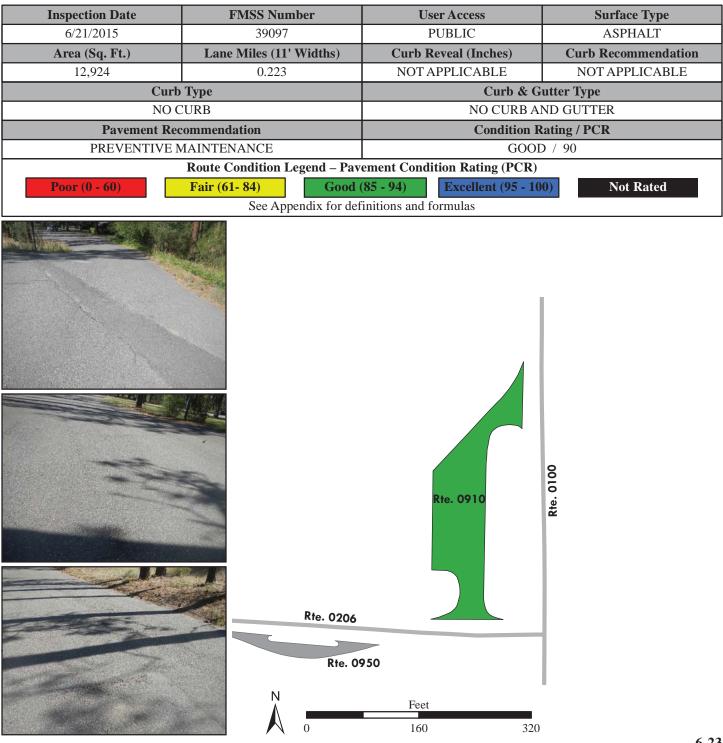


## Lake Roosevelt National Recreation Area **ROUTE 0910: KETTLE FALLS INFORMATION CENTER PARKING**

Manual Rating

FROM ROUTE 0100 (KETTLE FALLS ENTRANCE ROAD)

TO ROUTE 0206 (KETTLE FALLS MARINA ACCESS ROAD)

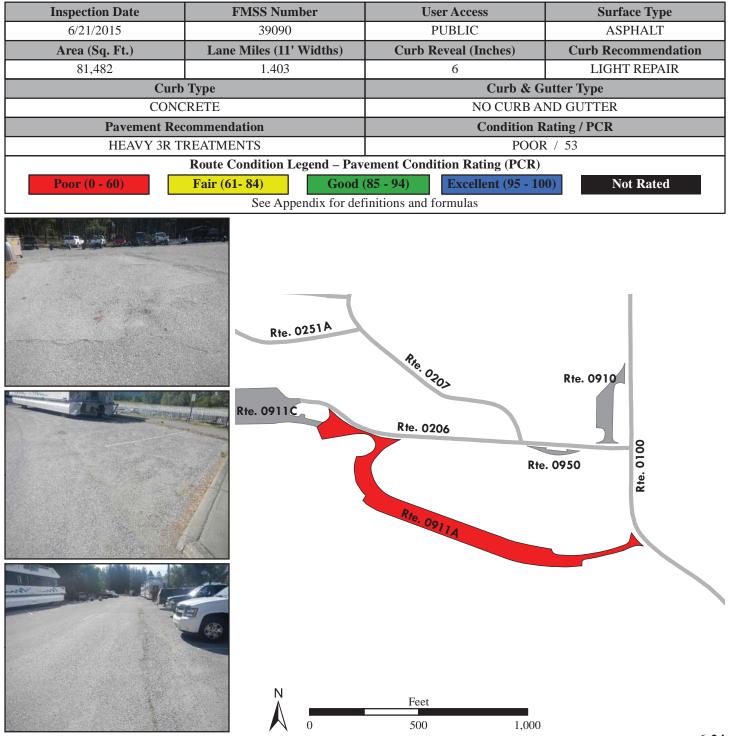


## Lake Roosevelt National Recreation Area ROUTE 0911A: KETTLE FALLS BOAT LAUNCH PARKING A

Manual Rating

FROM ROUTE 0100 (KETTLE FALLS ENTRANCE ROAD)

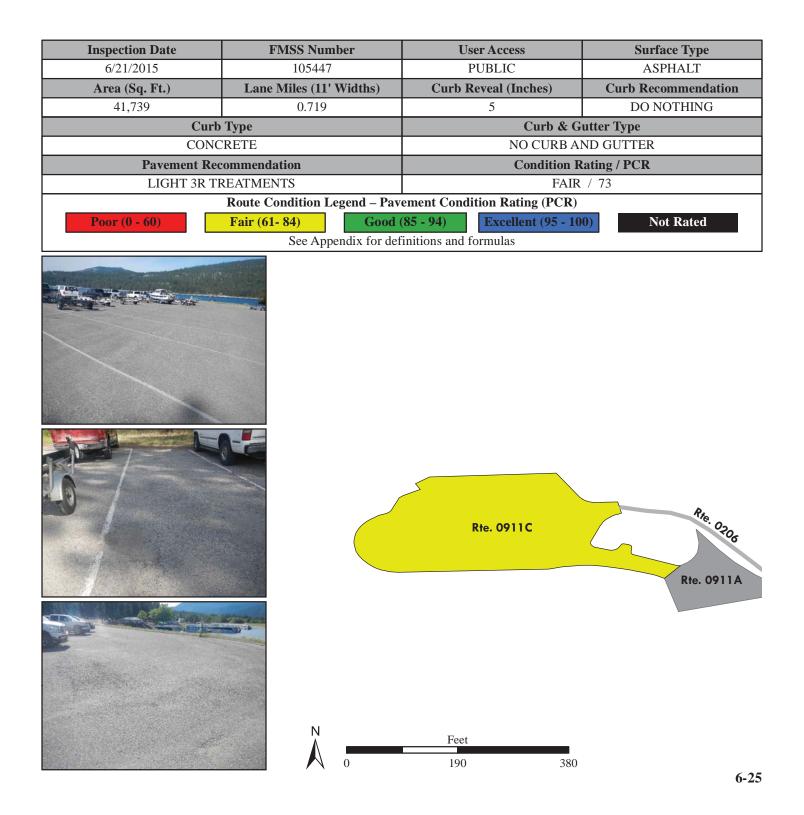
TO ROUTE 0206 (KETTLE FALLS MARINA ACCESS ROAD)



## Lake Roosevelt National Recreation Area ROUTE 0911C: KETTLE FALLS BOAT LAUNCH PARKING C

Manual Rating

#### FROM END OF ROUTE 0206 (KETTLE FALLS MARINA ACCESS ROAD)



## Lake Roosevelt National Recreation Area ROUTE 0913ZZ: KETTLE FALLS FACILITIES PARKING AREA COMPLEX

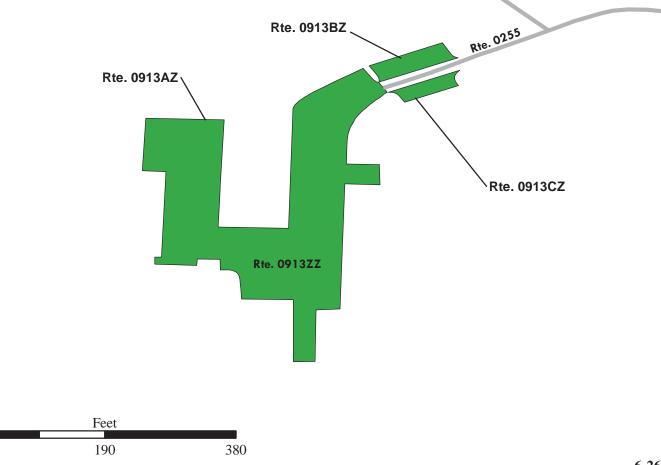
Summary Route Manual Rating

#### FROM END OF ROUTE 0255 (KETTLE FALLS FACILITIES ROAD)

#### TO PARKING

Inspection Date	FMSS Number	User Access	Surface Type
6/21/2015	39095	NONPUBLIC	ASPHALT
Area (Sq. Ft.)	Lane Miles (11' Widths)	Condition Rating / PCR	
42,875	0.738	SUMMARY / 90	
Route Condition Legend – Pavement Condition Rating (PCR)			
<b>Poor (0 - 60)</b>	Fair (61- 84) Good (	(85 - 94) Excellent (95 - 10	0) Not Rated
See Appendix for definitions and formulas			

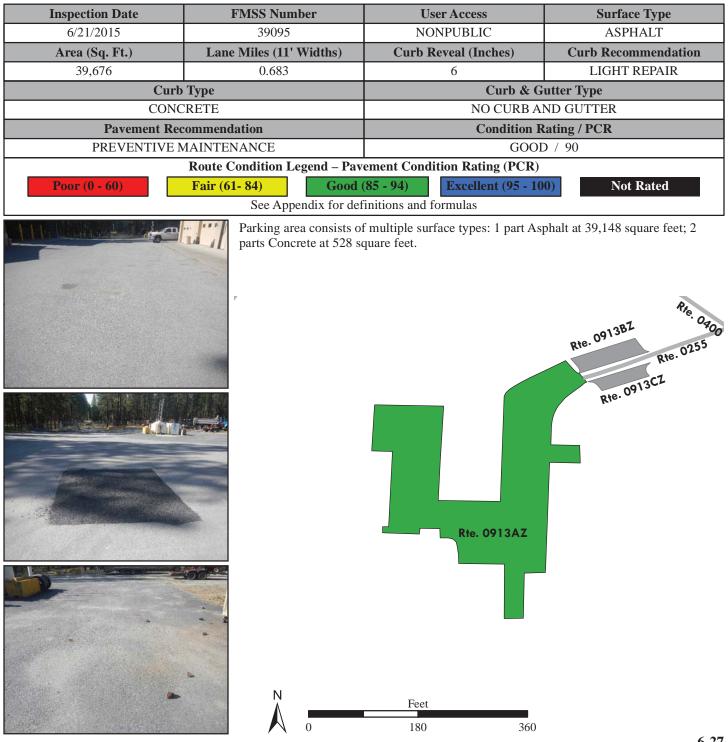
The condition shown on this page reflects the overall route condition and may not reflect individual subcomponent ratings.



### Lake Roosevelt National Recreation Area ROUTE 0913AZ: KETTLE FALLS FACILITIES PARKING A

Subcomponent of Route LARO-0913ZZ Manual Rating

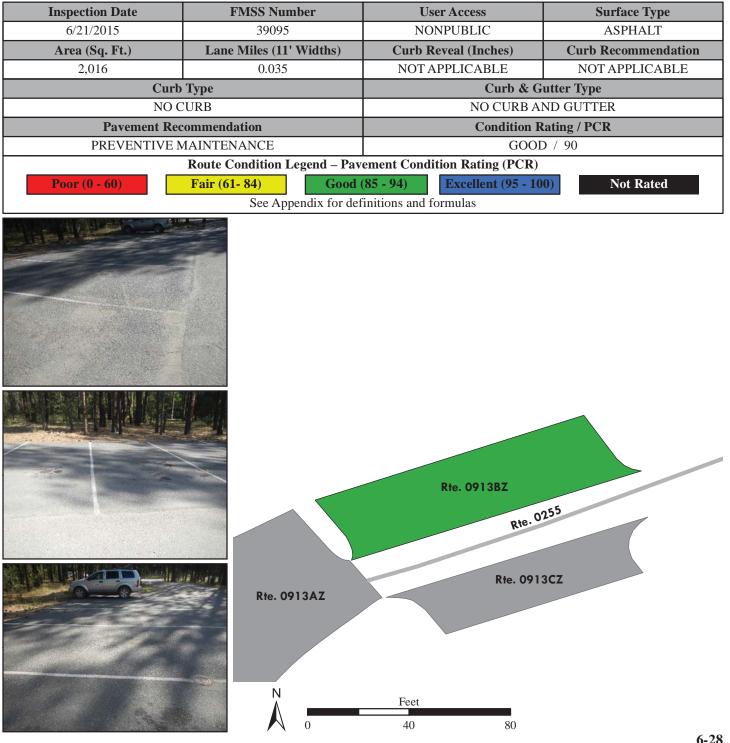
#### FROM END OF ROUTE 0255 (KETTLE FALLS FACILITIES ROAD)



### Lake Roosevelt National Recreation Area **ROUTE 0913BZ: KETTLE FALLS FACILITIES PARKING B**

Subcomponent of Route LARO-0913ZZ Manual Rating

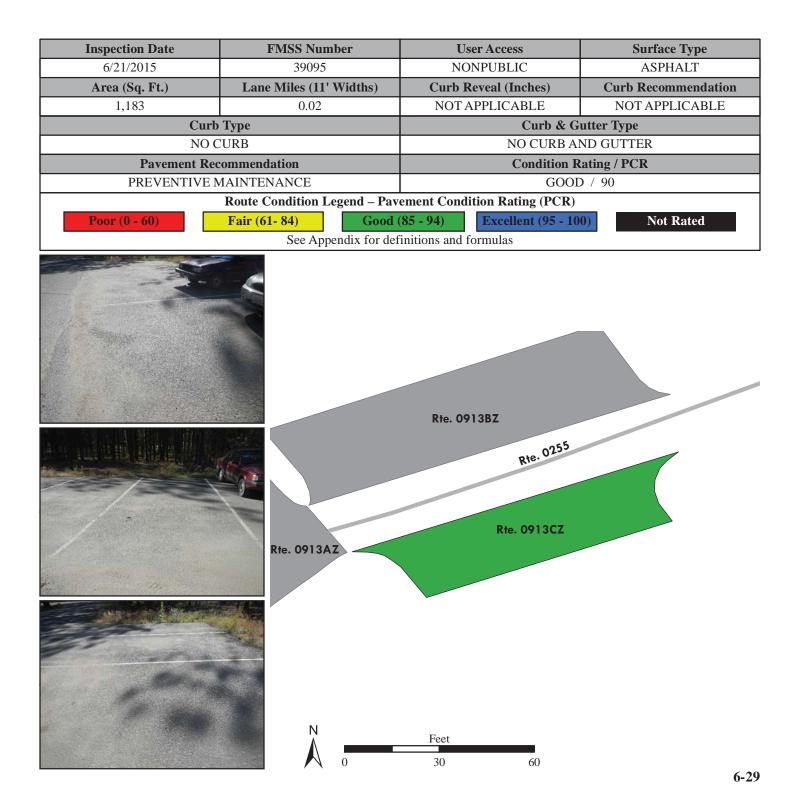
ADJACENT TO END OF ROUTE 0255 (KETTLE FALLS FACILITIES ROAD) ON RIGHT



### Lake Roosevelt National Recreation Area ROUTE 0913CZ: KETTLE FALLS FACILITIES PARKING C

Subcomponent of Route LARO-0913ZZ Manual Rating

ADJACENT TO END OF ROUTE 0255 (KETTLE FALLS FACILITIES ROAD) ON LEFT



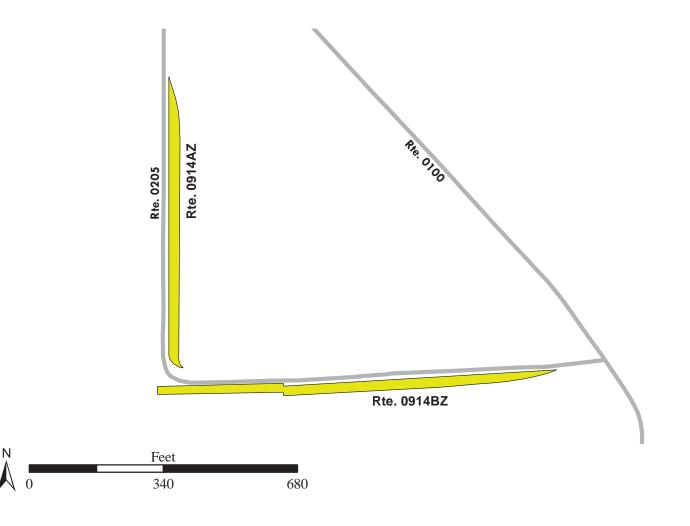
### Lake Roosevelt National Recreation Area ROUTE 0914ZZ: KETTLE FALLS DAY USE PARKING AREA COMPLEX

Summary Route Manual Rating

ADJACENT TO ROUTE 0205 (KETTLE FALLS PICNIC ROAD) ON LEFT AND RIGHT

Inspection Date	FMSS Number	User Access	Surface Type		
6/21/2015	39093	PUBLIC	ASPHALT		
Area (Sq. Ft.)	Lane Miles (11' Widths)	Condition Rating / PCR			
27,210	0.469	SUMMARY / 64			
Route Condition Legend – Pavement Condition Rating (PCR)					
<b>Poor</b> (0 - 60)	<b>Fair (61- 84) Good (</b>	(85 - 94) Excellent (95 - 10	0) Not Rated		
See Appendix for definitions and formulas					

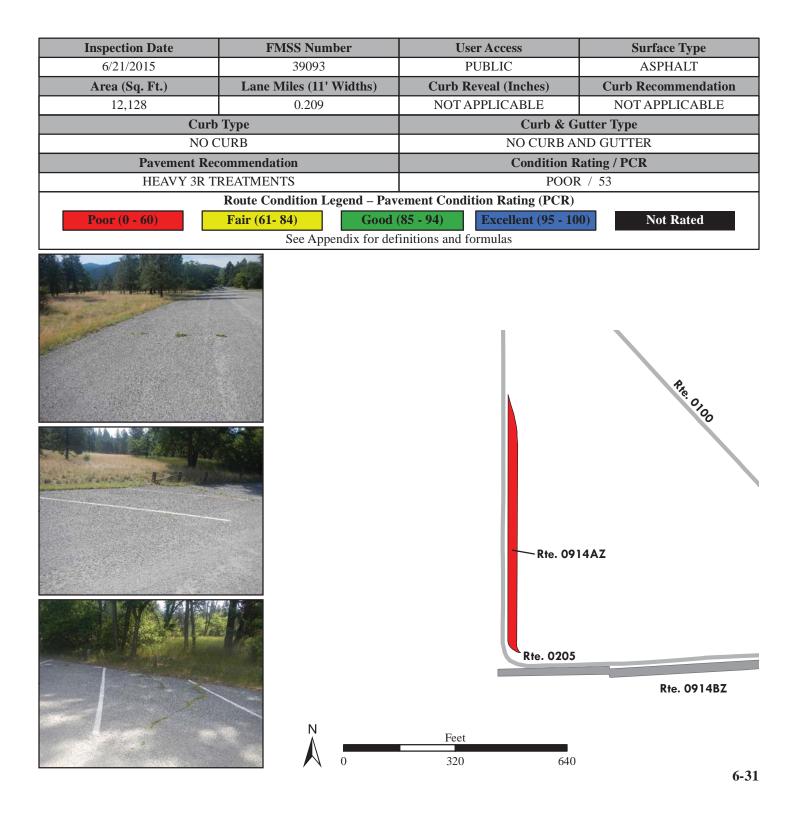
The condition shown on this page reflects the overall route condition and may not reflect individual subcomponent ratings.



### Lake Roosevelt National Recreation Area ROUTE 0914AZ: KETTLE FALLS DAY USE AREA PARKING A

Subcomponent of Route LARO-0914ZZ Manual Rating

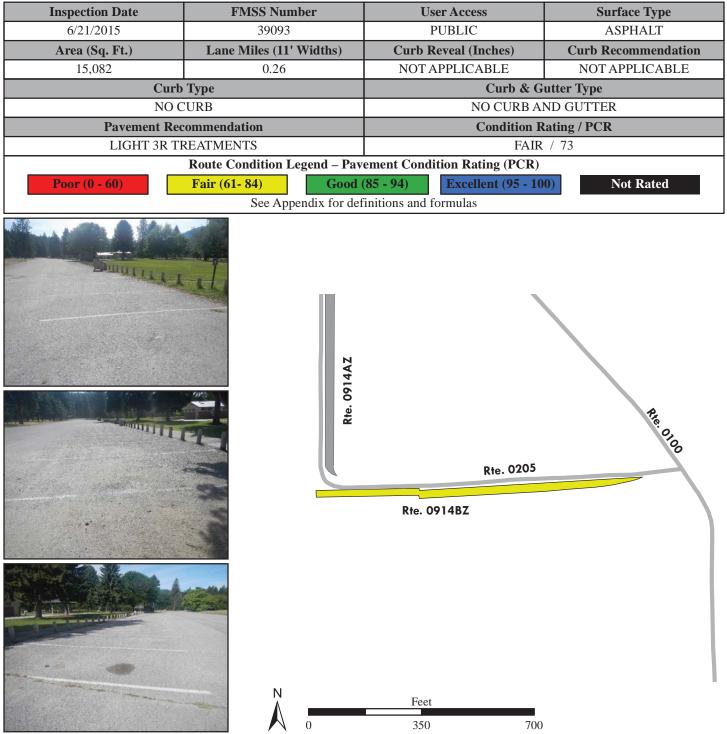
ADJACENT TO ROUTE 0205 (KETTLE FALLS PICNIC ROAD) ON LEFT



### Lake Roosevelt National Recreation Area ROUTE 0914BZ: KETTLE FALLS DAY USE AREA PARKING B

Subcomponent of Route LARO-0914ZZ Manual Rating

ADJACENT TO ROUTE 0205 (KETTLE FALLS PICNIC ROAD) ON RIGHT

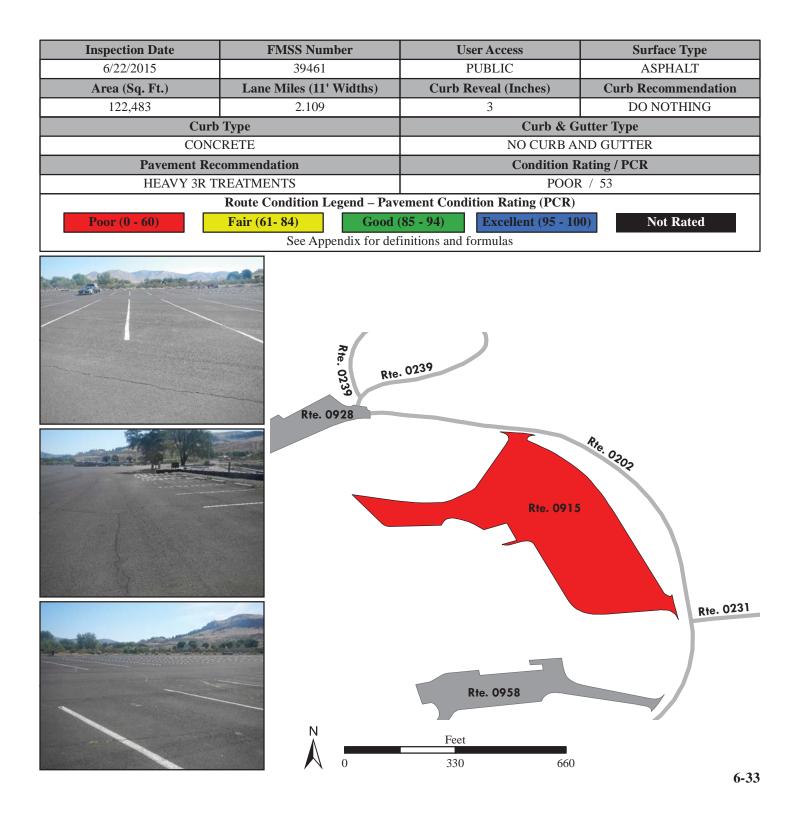


### Lake Roosevelt National Recreation Area ROUTE 0915: KELLER FERRY BOAT LAUNCH PARKING

Manual Rating

FROM ROUTE 0202 (KELLER FERRY CAMPGROUND ROAD)

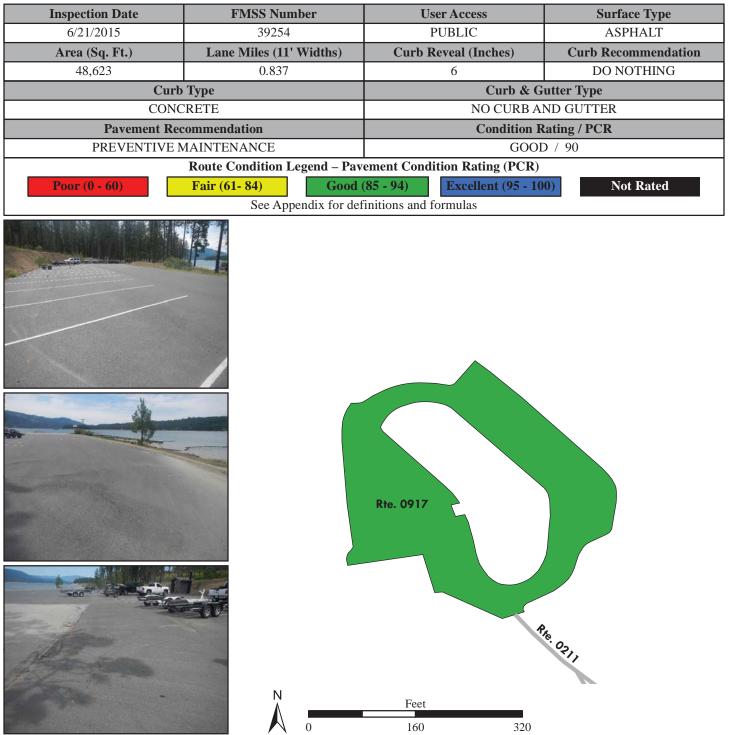
TO ROUTE 0202 (KELLER FERRY CAMPGROUND ROAD)



### Lake Roosevelt National Recreation Area ROUTE 0917: GIFFORD BOAT LAUNCH PARKING

Manual Rating

#### FROM END OF ROUTE 0211 (GIFFORD CAMPGROUND ACCESS ROAD)



### Lake Roosevelt National Recreation Area **ROUTE 0918A: HUNTERS BOAT LAUNCH AREA A PARKING**

Manual Rating

FROM END OF ROUTE 0242 (HUNTERS BOAT LAUNCH ACCESS ROAD)

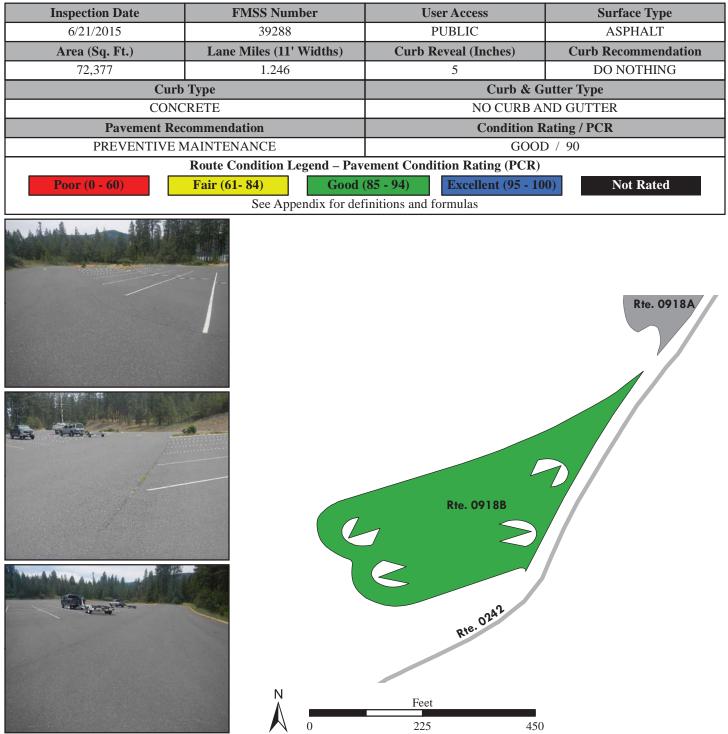
TO ROUTE 0242 (HUNTERS BOAT LAUNCH ACCESS ROAD)



### Lake Roosevelt National Recreation Area ROUTE 0918B: HUNTERS BOAT LAUNCH AREA B PARKING

Manual Rating

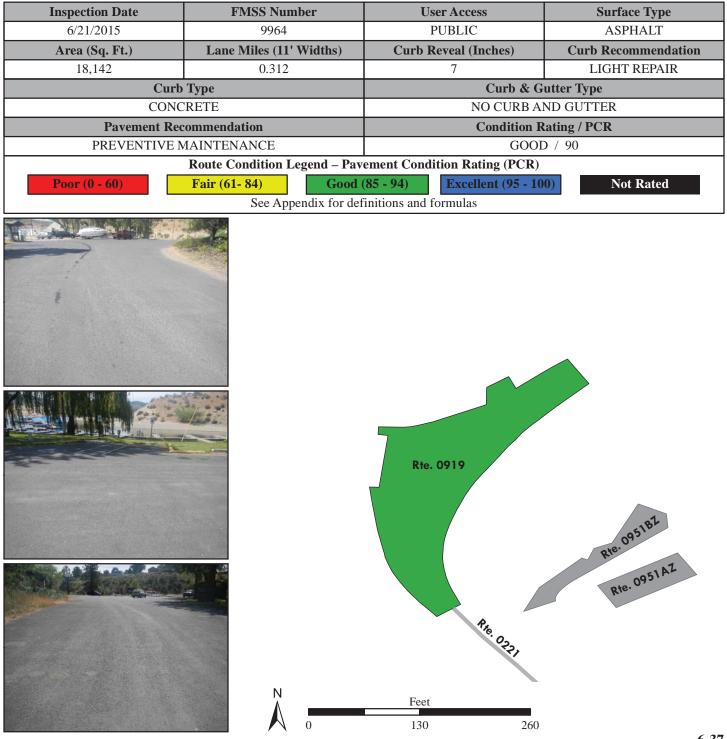
FROM ROUTE 0242 (HUNTERS BOAT LAUNCH ACCESS ROAD)



**ROUTE 0919: SEVEN BAYS MARINA PARKING** 

Manual Rating

#### FROM END OF ROUTE 0221 (SEVEN BAYS MARINA ACCESS ROAD)

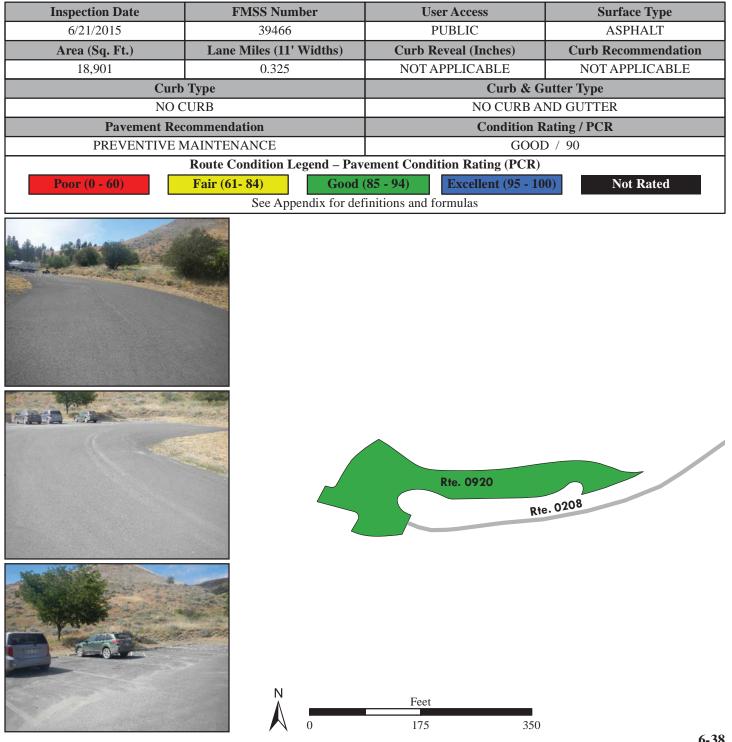


### Lake Roosevelt National Recreation Area **ROUTE 0920: HAWK CREEK BOAT LAUNCH PARKING**

Manual Rating

FROM END OF ROUTE 0208 (HAWK CREEK CAMPGROUND ROAD)

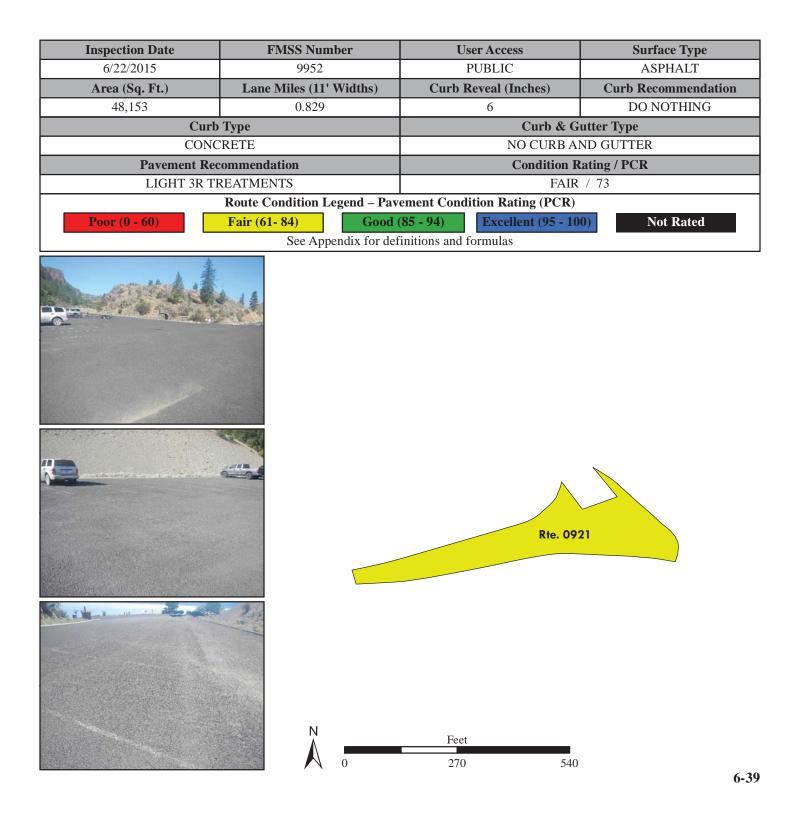
TO ROUTE 0208 (HAWK CREEK CAMPGROUND ROAD)



### Lake Roosevelt National Recreation Area ROUTE 0921: LINCOLN MILL BOAT LAUNCH PARKING

Manual Rating

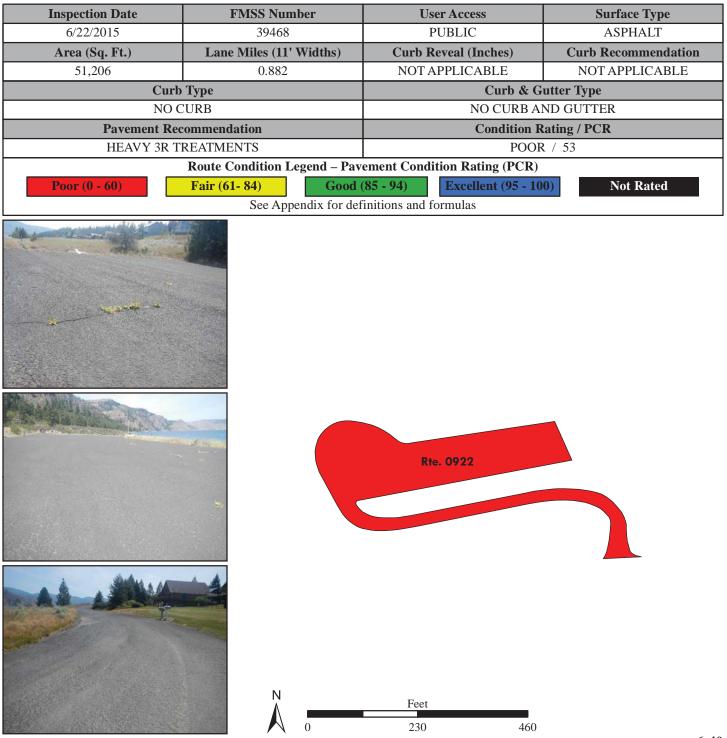
#### FROM END OF REDWINE CANYON ROAD IN LINCOLN, WA



### Lake Roosevelt National Recreation Area ROUTE 0922: HANSON HARBOR BOAT LAUNCH PARKING

Manual Rating

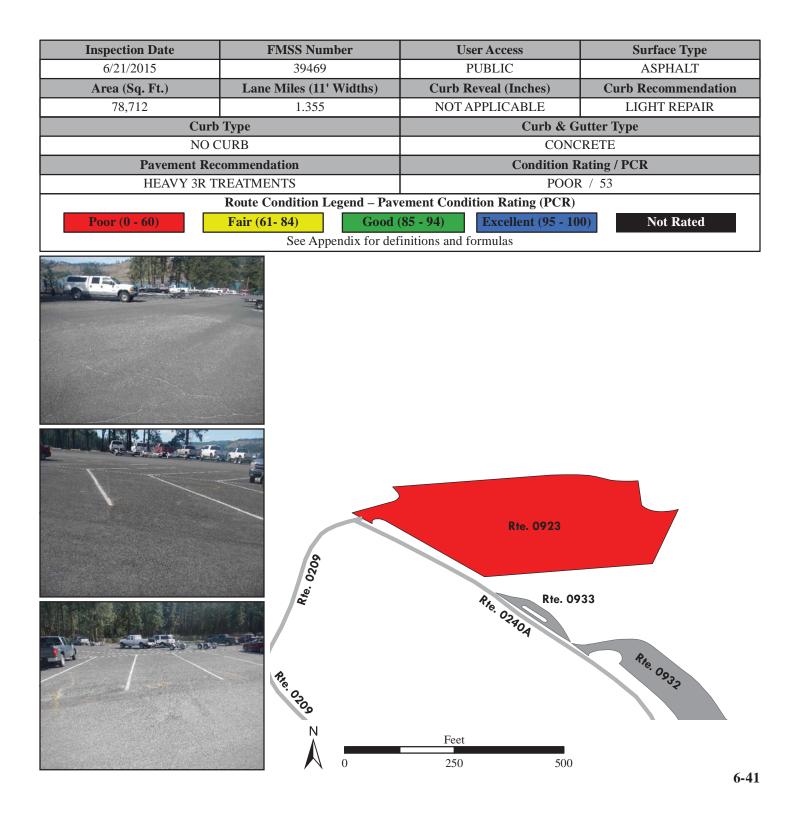
#### FROM INTERSECTION OF WATERFRONT DRIVE EAST AND JONES ROAD EAST



### Lake Roosevelt National Recreation Area ROUTE 0923: PORCUPINE BAY BOAT LAUNCH PARKING

Manual Rating

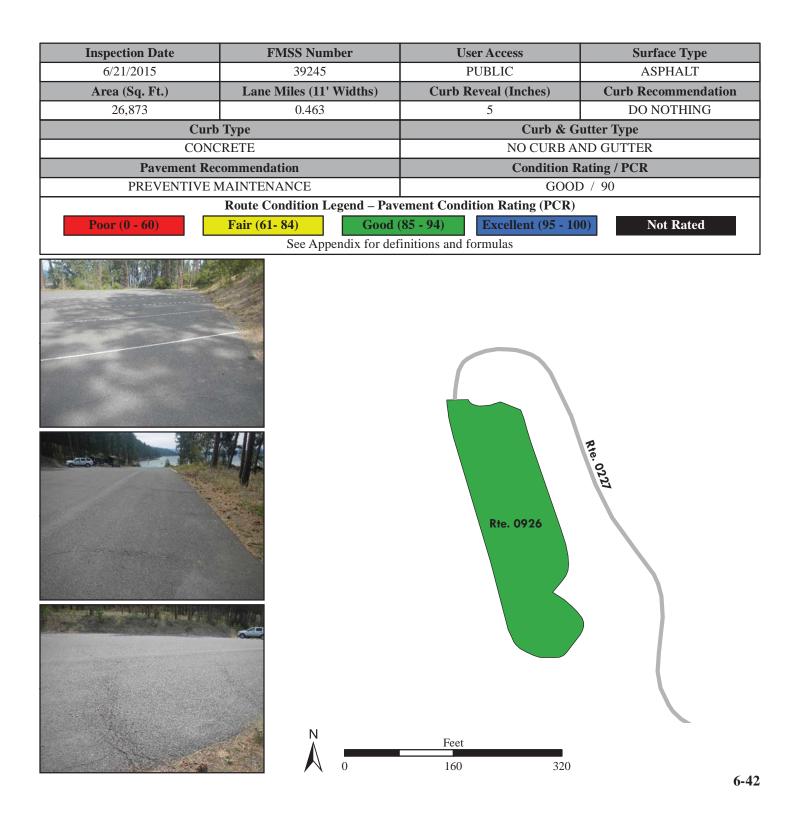
FROM END OF ROUTE 0209 (PORCUPINE BAY CAMPGROUND ROAD)



### Lake Roosevelt National Recreation Area ROUTE 0926: DAISY BOAT LAUNCH PARKING

Manual Rating

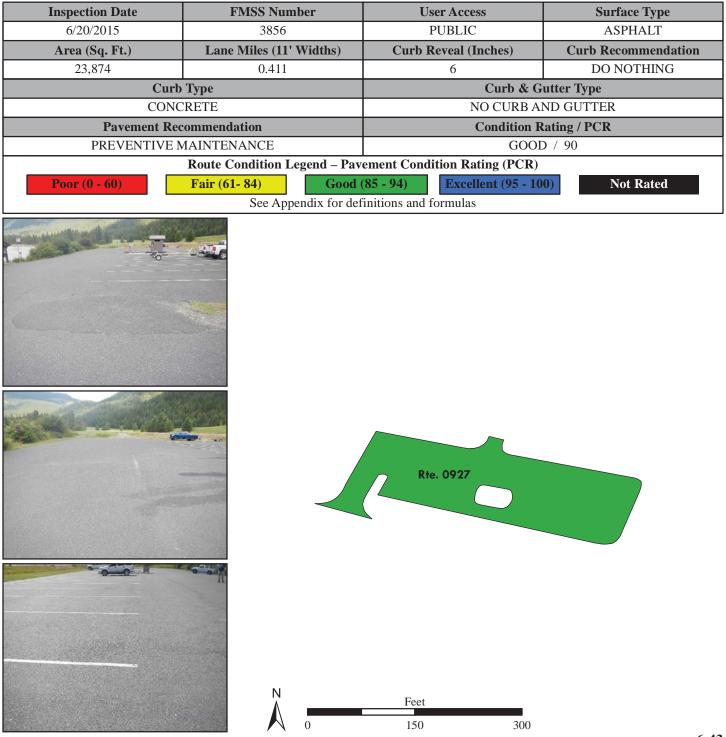
#### FROM END OF ROUTE 0227 (DAISY BOAT LAUNCH ACCESS ROAD)



ROUTE 0927: CHINA BEND BOAT LAUNCH PARKING

Manual Rating

FROM STATE ROUTE 25 AT MILE MARKER 101.6



### Lake Roosevelt National Recreation Area ROUTE 0928: KELLER FERRY PICNIC / CAMPAREA PARKING

Manual Rating

#### FROM END OF ROUTE 0202 (KELLER FERRY CAMPGROUND ROAD)

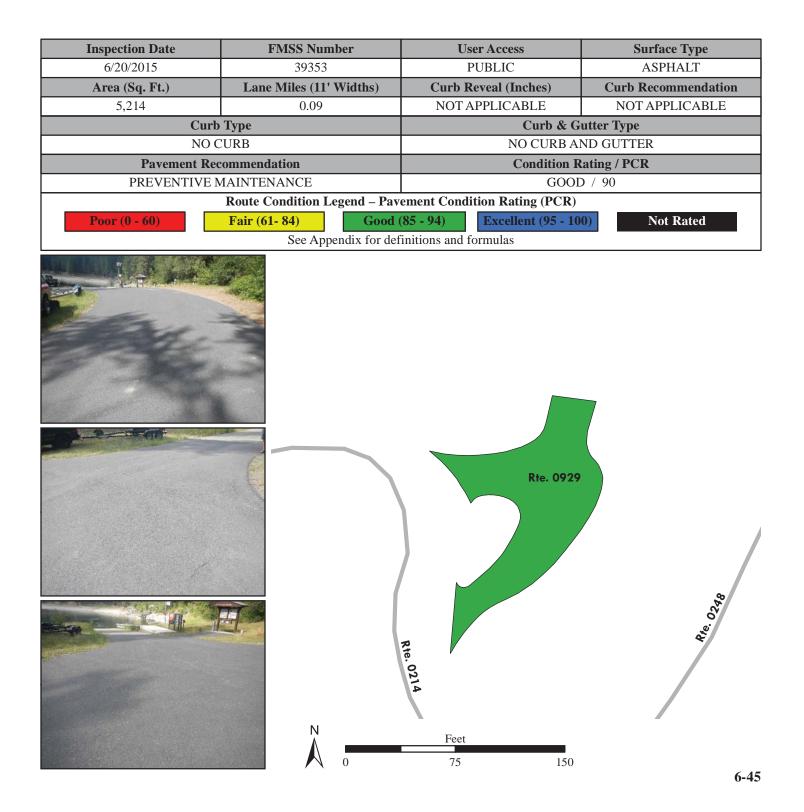


### Lake Roosevelt National Recreation Area ROUTE 0929: NORTH GORGE BOAT LAUNCH PARKING

Manual Rating

FROM ROUTE 0214 (NORTH GORGE CAMPGROUND ROAD)

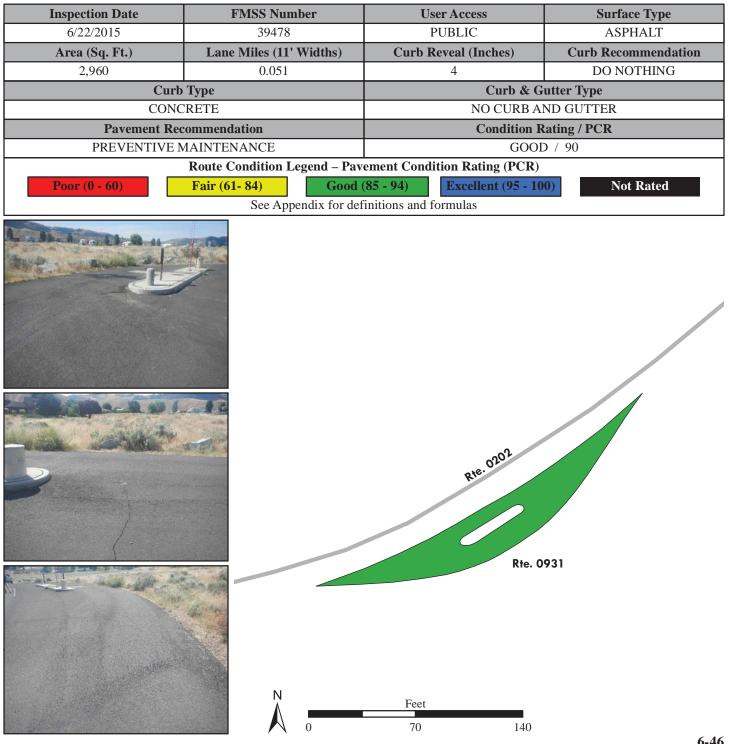
TO ROUTE 0214 (NORTH GORGE CAMPGROUND ROAD)



### Lake Roosevelt National Recreation Area **ROUTE 0931: KELLER FERRY RV DUMP STATION PARKING**

Manual Rating

ADJACENT TO ROUTE 0202 (KELLER FERRY CAMPGROUND ROAD)

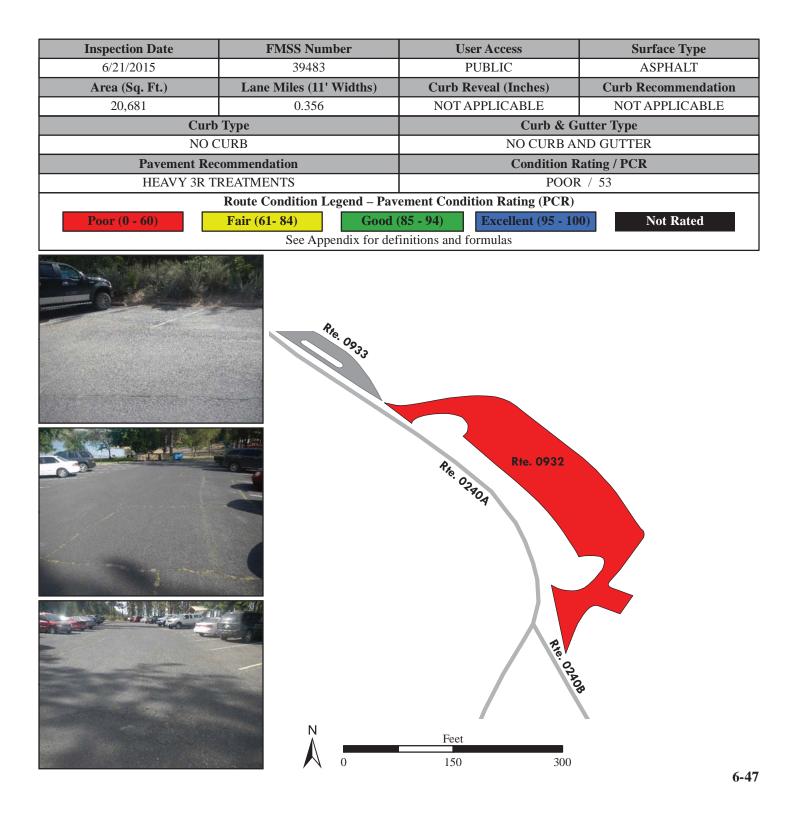


### Lake Roosevelt National Recreation Area ROUTE 0932: PORCUPINE BAY DAY USE PARKING

Manual Rating

FROM ROUTE 0240A (PORCUPINE BAY CAMPGROUND MAIN ROAD)

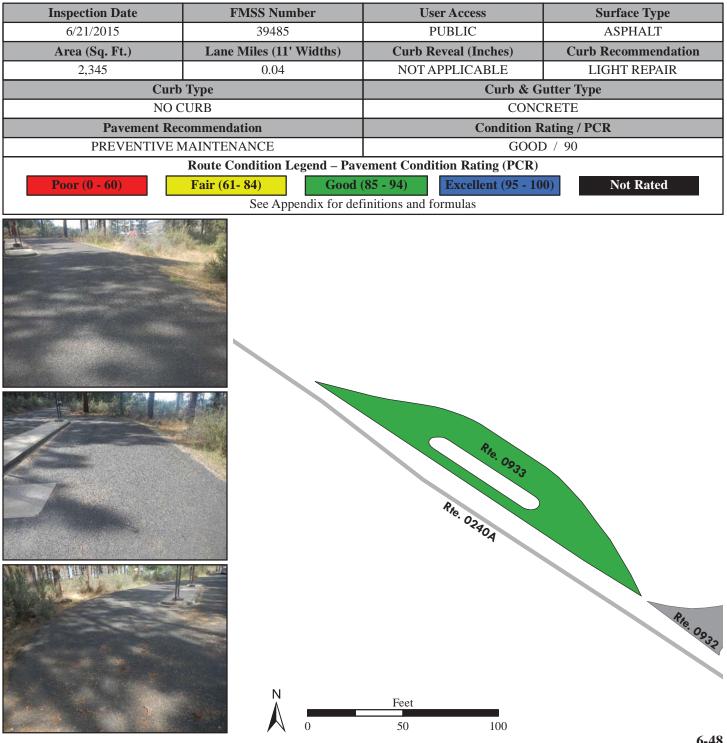
TO ROUTE 0240A (PORCUPINE BAY CAMPGROUND MAIN ROAD)



### Lake Roosevelt National Recreation Area **ROUTE 0933: PORCUPINE BAY RV DUMP STATION PARKING**

Manual Rating

ADJACENT TO ROUTE 0240A (PORCUPINE BAY CAMPGROUND MAIN ROAD)



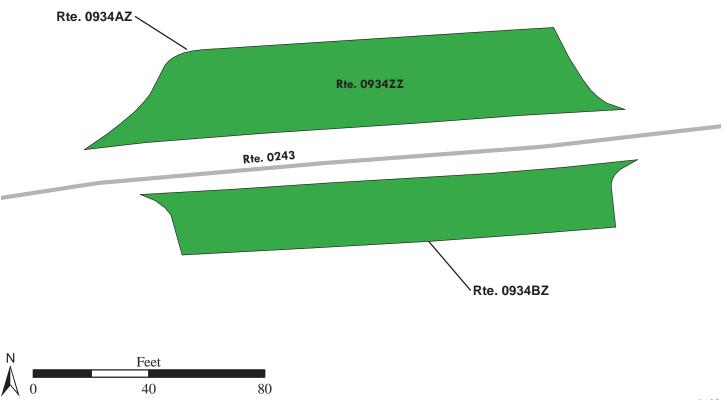
### Lake Roosevelt National Recreation Area ROUTE 0934ZZ: HUNTERS GROUP CAMPGROUND PARKING AREA COMPLEX

Summary Route Manual Rating

ADJACENT TO ROUTE 0243 (HUNTERS GROUP CAMP LOOP) ON LEFT AND RIGHT

Inspection Date	FMSS Number	User Access	Surface Type		
6/21/2015	39261	PUBLIC	ASPHALT		
Area (Sq. Ft.)	Lane Miles (11' Widths)	Condition Rating / PCR			
5,343	0.092	SUMMARY / 93			
Route Condition Legend – Pavement Condition Rating (PCR)					
<b>Poor (0 - 60)</b>	<b>Fair (61- 84) Good</b>	(85 - 94) Excellent (95 - 10	0) Not Rated		
See Appendix for definitions and formulas					

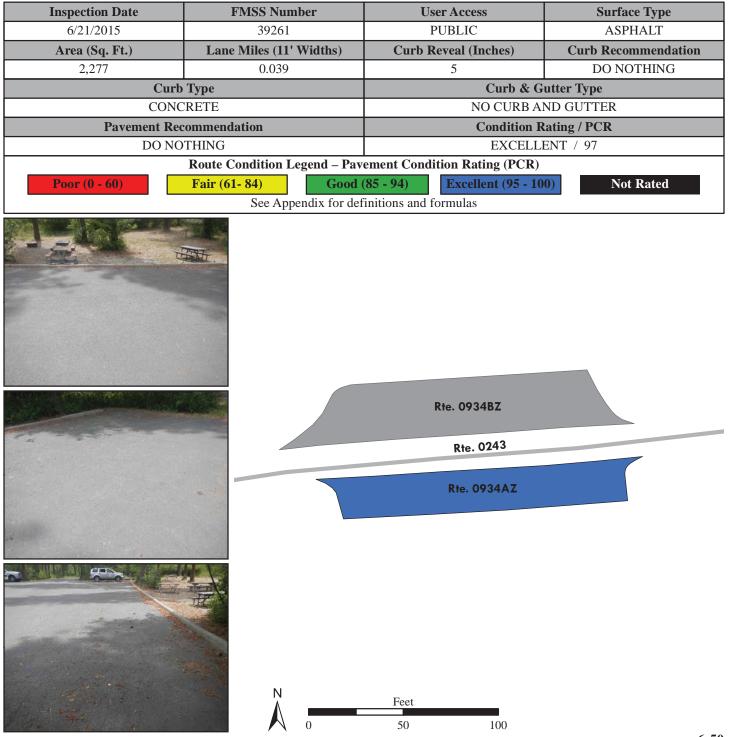
The condition shown on this page reflects the overall route condition and may not reflect individual subcomponent ratings.



### Lake Roosevelt National Recreation Area ROUTE 0934AZ: HUNTERS GROUP CAMPGROUND PARKING A

Subcomponent of Route LARO-0934ZZ Manual Rating

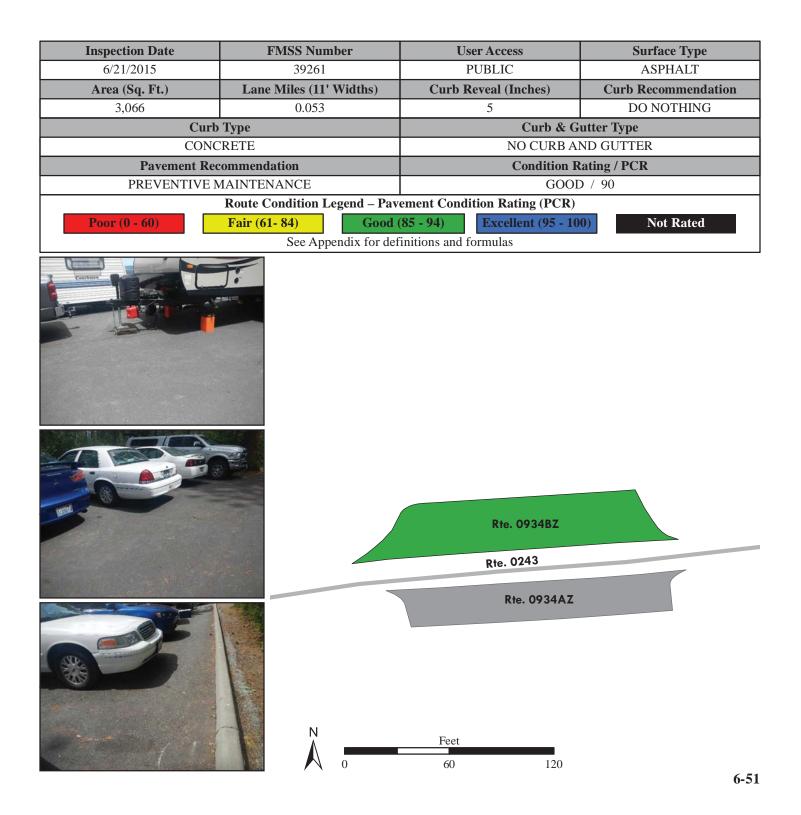
ADJACENT TO ROUTE 0243 (HUNTERS GROUP CAMP LOOP) ON LEFT



### Lake Roosevelt National Recreation Area ROUTE 0934BZ: HUNTERS GROUP CAMPGROUND PARKING B

Subcomponent of Route LARO-0934ZZ Manual Rating

ADJACENT TO ROUTE 0243 (HUNTERS GROUP CAMP LOOP) ON RIGHT

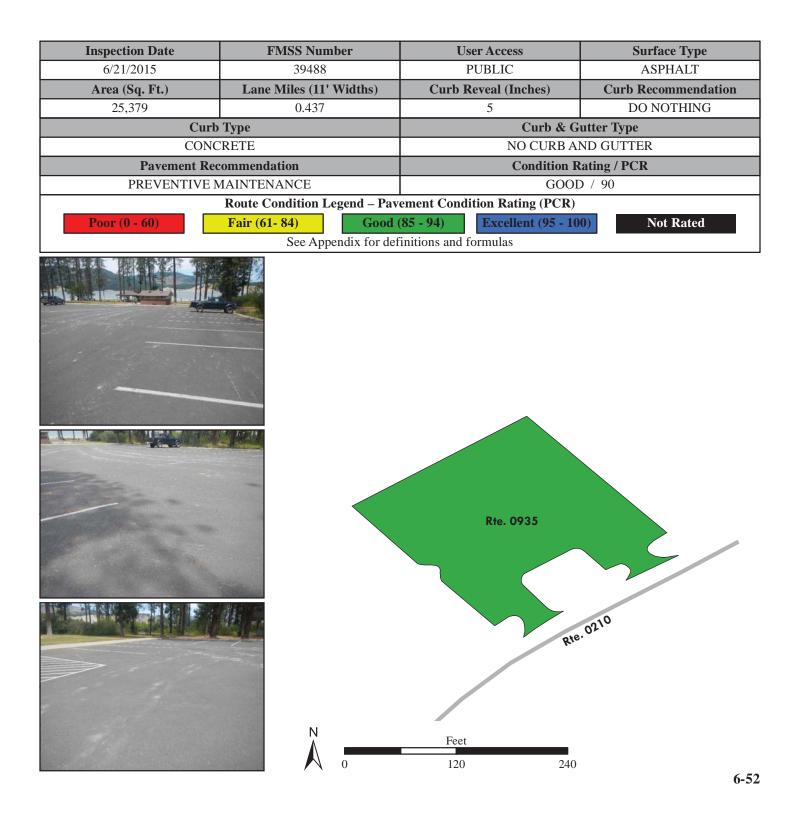


**ROUTE 0935: HUNTERS DAY USE PARKING** 

Manual Rating

FROM ROUTE 0210 (HUNTERS CAMPGROUND ACCESS ROAD)

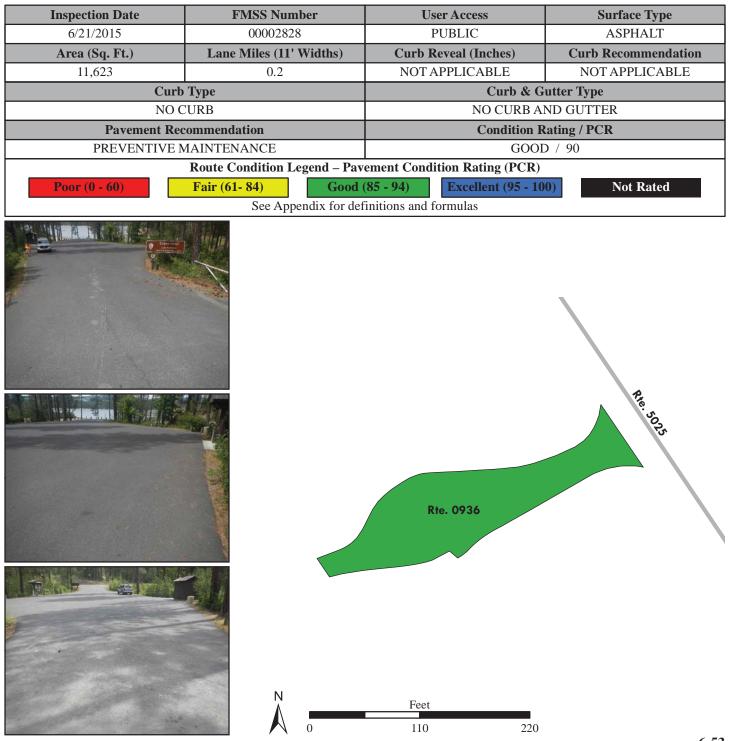
TO ROUTE 0210 (HUNTERS CAMPGROUND ACCESS ROAD)



### Lake Roosevelt National Recreation Area ROUTE 0936: CLOVERLEAF CAMPGROUND PARKING

Manual Rating

#### FROM ROUTE 5025 (STATE HIGHWAY 25) AT MILE MARKER 57



### Lake Roosevelt National Recreation Area ROUTE 0937ZZ: BRADBURY BEACH BOAT LAUNCH PARKING AREA COMPLEX

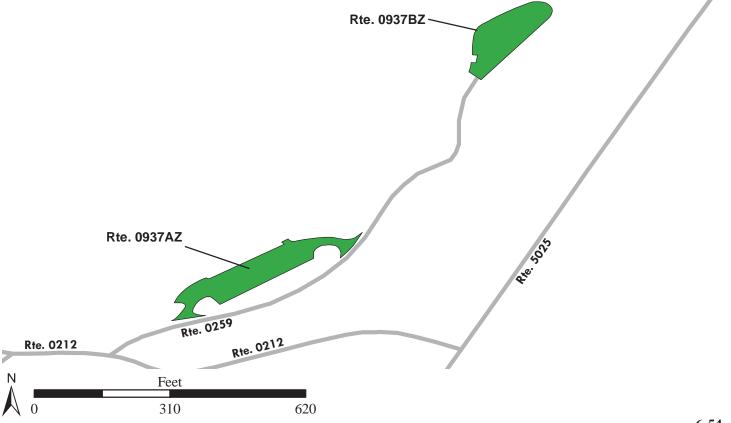
Summary Route Manual Rating

#### FROM ROUTE 0259 (BRADBURY DAY USE ACCESS ROAD)

#### TO PARKING

Inspection Date	FMSS Number	User Access	Surface Type		
6/21/2015	108155	PUBLIC	ASPHALT		
Area (Sq. Ft.)	Lane Miles (11' Widths)	Condition Rating / PCR			
24,845	0.428	SUMMARY / 94			
Route Condition Legend – Pavement Condition Rating (PCR)					
<b>Poor (0 - 60)</b>	<b>Fair (61- 84) Good (</b>	(85 - 94) Excellent (95 - 10	0) 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.

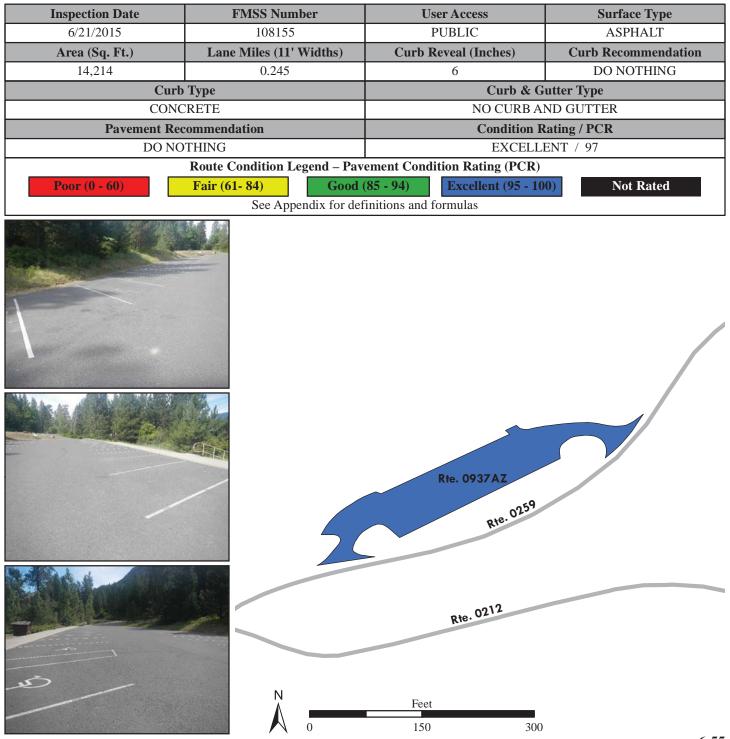


### Lake Roosevelt National Recreation Area ROUTE 0937AZ: BRADBURY BEACH BOAT LAUNCH PARKING A

Subcomponent of Route LARO-0937ZZ Manual Rating

FROM ROUTE 0259 (BRADBURY DAY USE ACCESS ROAD)

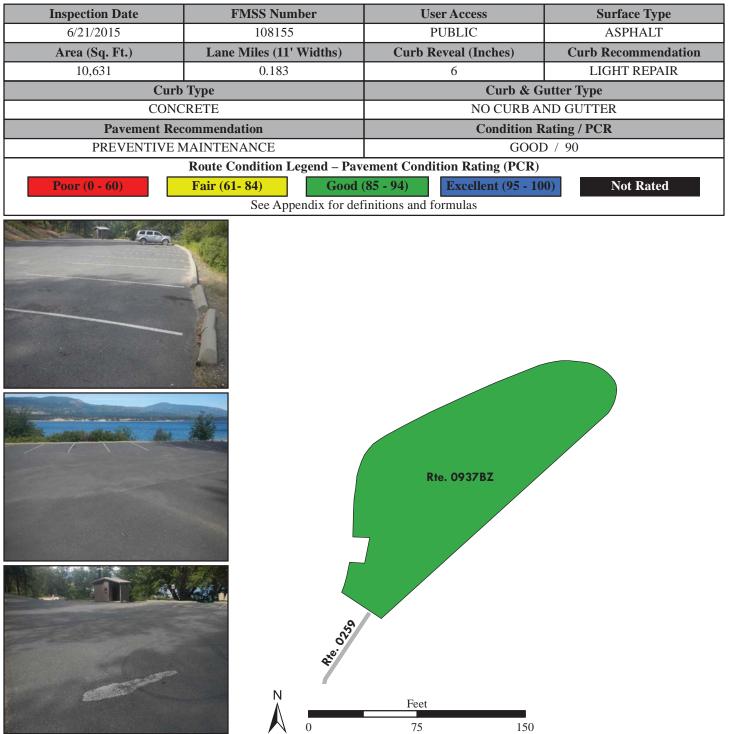
TO ROUTE 0259 (BRADBURY DAY USE ACCESS ROAD)



### Lake Roosevelt National Recreation Area ROUTE 0937BZ: BRADBURY BEACH BOAT LAUNCH PARKING B

Subcomponent of Route LARO-0937ZZ Manual Rating

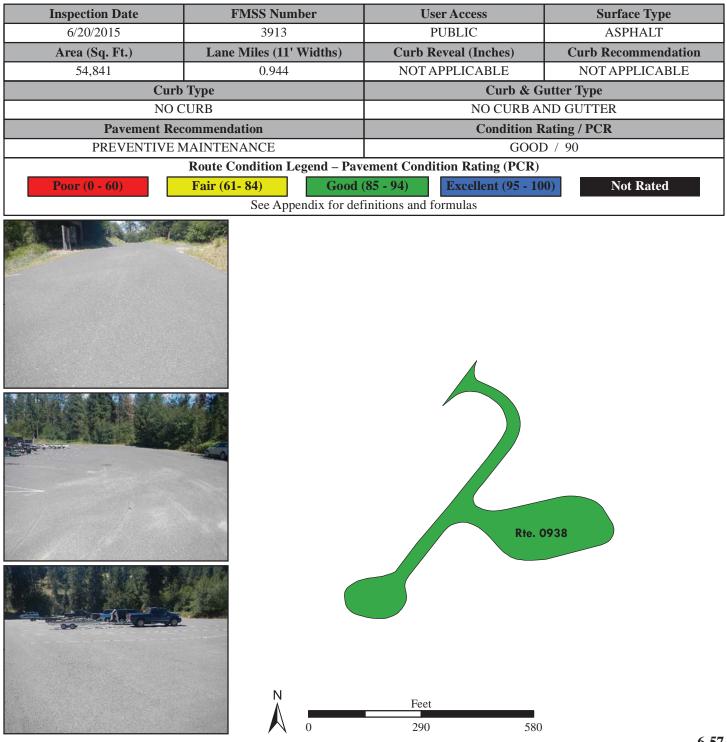
#### FROM END OF ROUTE 0259 (BRADBURY DAY USE ACCESS ROAD)



### Lake Roosevelt National Recreation Area **ROUTE 0938: FRENCH ROCKS BOAT LAUNCH PARKING**

Manual Rating

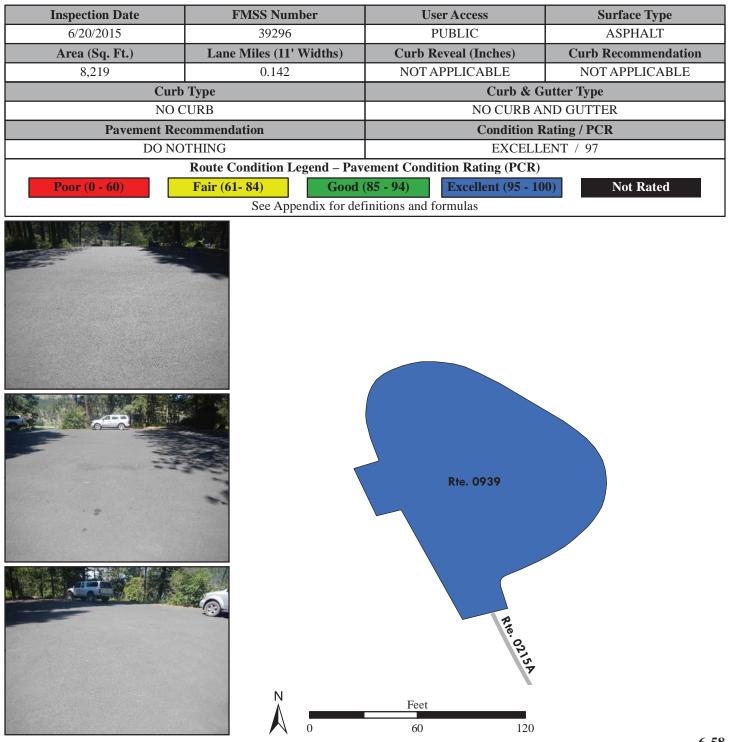
#### FROM INCHELIUM HIGHWAY AT MILE MARKER 7.8



### Lake Roosevelt National Recreation Area ROUTE 0939: KAMLOOPS ISLAND CAMPGROUND LOOP PARKING

Manual Rating

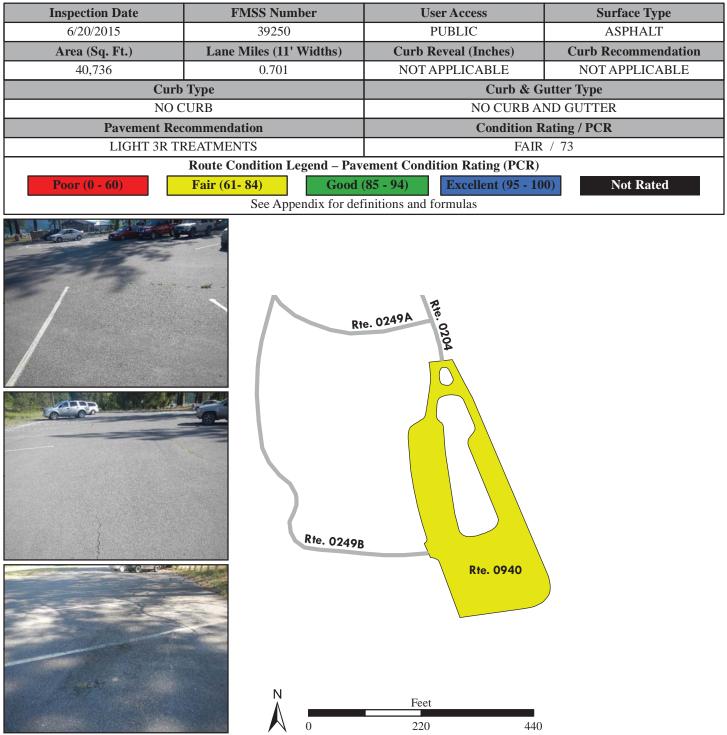
#### FROM END OF ROUTE 0215A (KAMLOOPS ISLAND CAMPGROUND ROAD)



**ROUTE 0940: EVANS DAY USE PARKING** 

Manual Rating

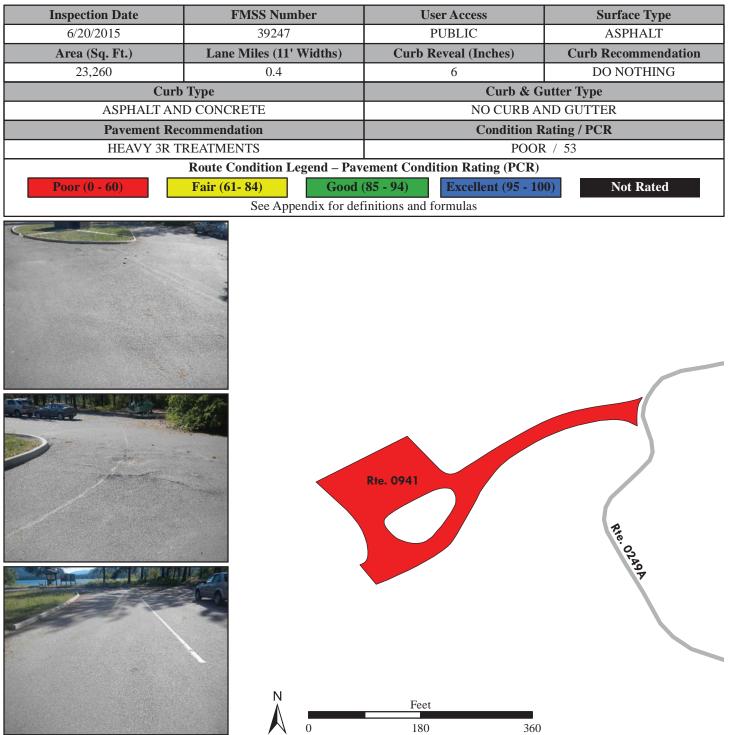
FROM END OF ROUTE 0204 (EVANS CAMPGROUND ROAD)



**ROUTE 0941: EVANS BOAT LAUNCH PARKING** 

Manual Rating

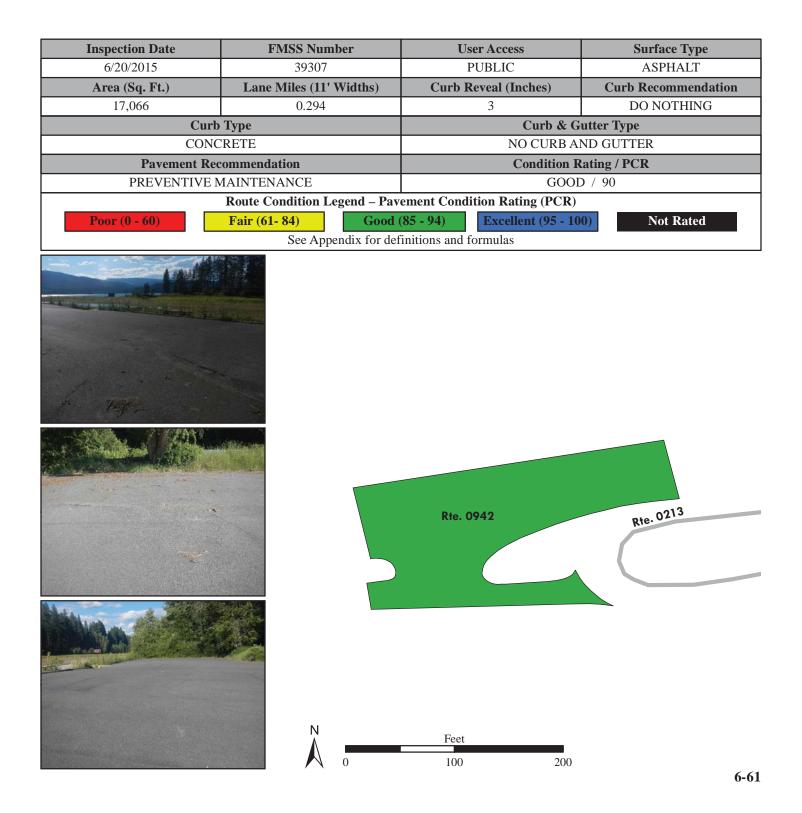
FROM ROUTE 0249A (EVANS CAMPGROUND LOOP A)



**ROUTE 0942: MARCUS ISLAND BOAT LAUNCH PARKING** 

Manual Rating

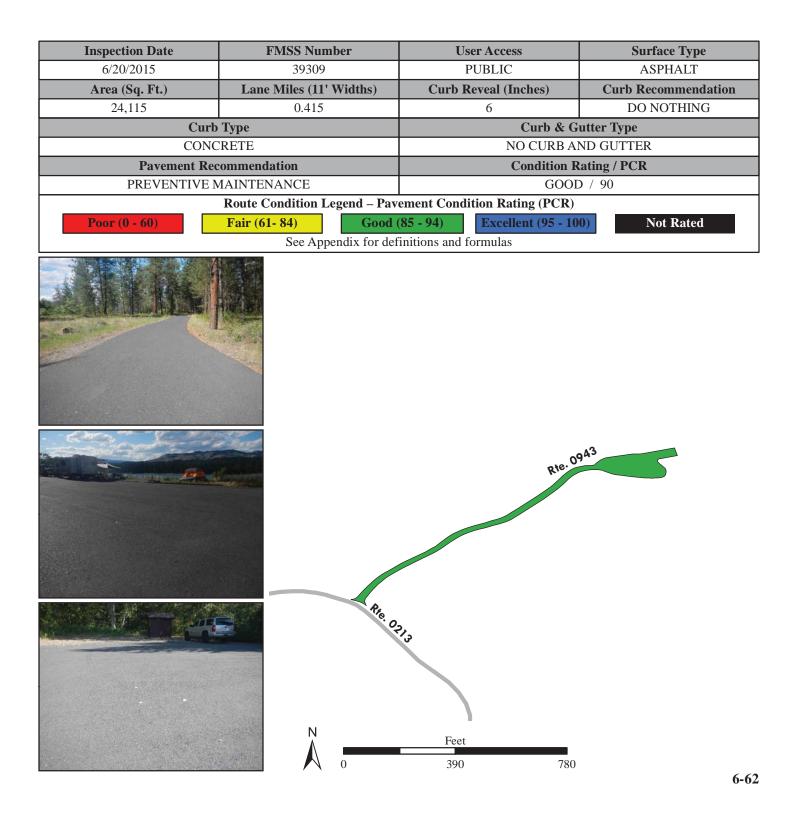
#### FROM ROUTE 0213 (MARCUS ISLAND CAMPGROUND ENTRANCE ROAD)



**ROUTE 0943: MARCUS ISLAND CAMPGROUND PARKING** 

Manual Rating

FROM ROUTE 0213 (MARCUS ISLAND CAMPGROUND ENTRANCE ROAD) AT MP 1.29

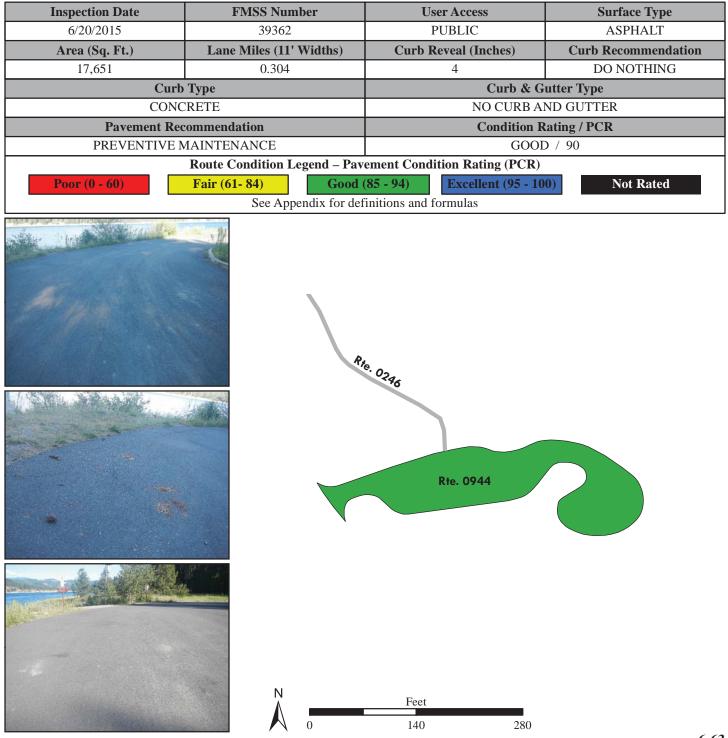


## Lake Roosevelt National Recreation Area ROUTE 0944: SNAG COVE CAMPGROUND AND BOAT LAUNCH PARKING

Manual Rating

FROM NORTHPORT FLAT CREEK ROAD

#### TO PARKING AND ROUTE 0246 (SNAG COVE CAMPGROUND LOOP)

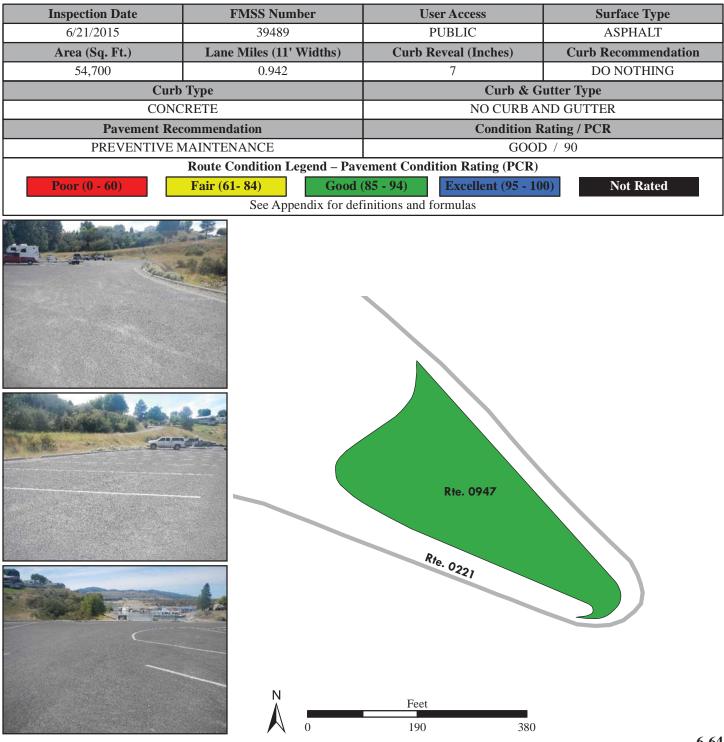


# Lake Roosevelt National Recreation Area

**ROUTE 0947: SEVEN BAYS BOAT LAUNCH PARKING** 

Manual Rating

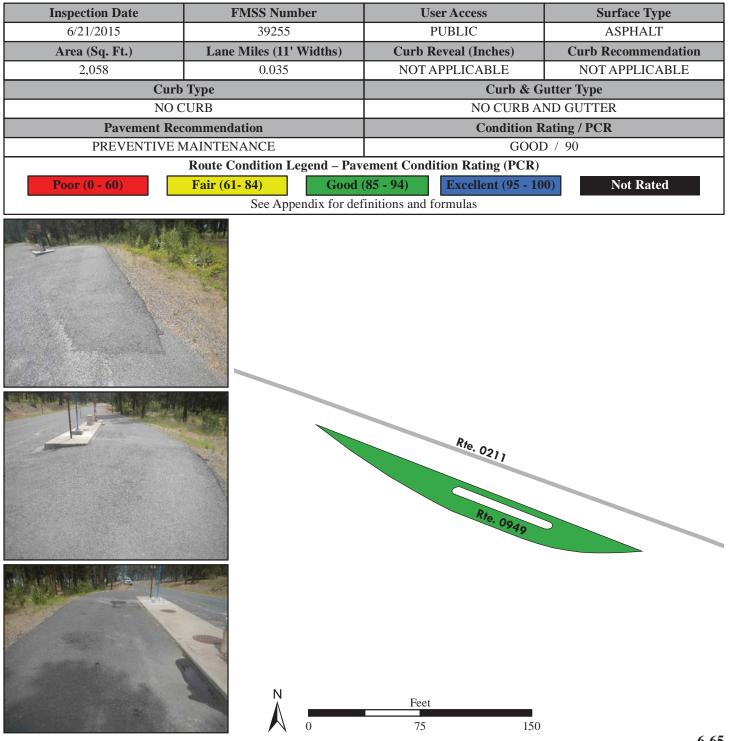
FROM ROUTE 0221 (SEVEN BAYS MARINA ACCESS ROAD)



## Lake Roosevelt National Recreation Area **ROUTE 0949: GIFFORD CAMPGROUND DUMP STATION**

Manual Rating

ADJACENT TO ROUTE 0211 (GIFFORD CAMPGROUND ACCESS ROAD)

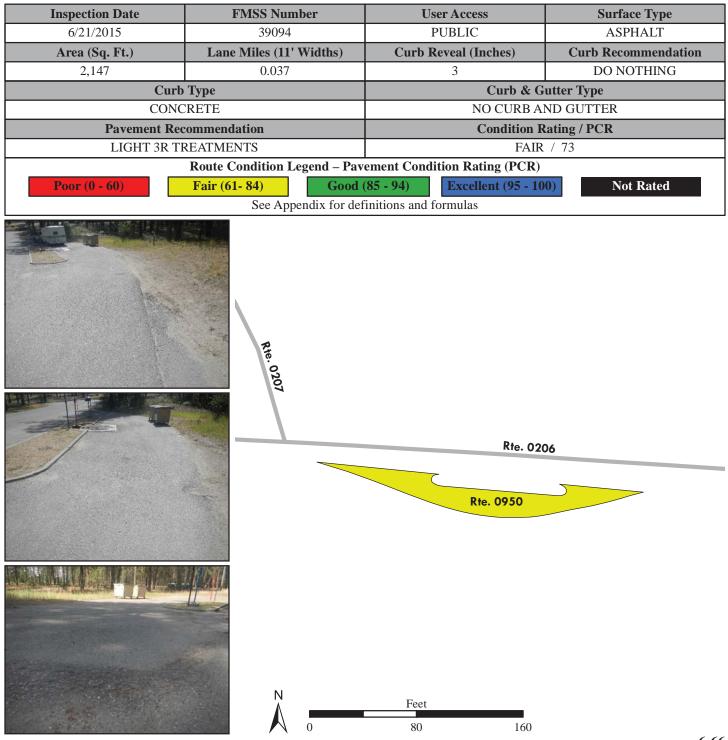


## Lake Roosevelt National Recreation Area ROUTE 0950: KETTLE FALLS DUMP STATION

Manual Rating

FROM ROUTE 0206 (KETTLE FALLS MARINA ACCESS ROAD)

TO ROUTE 0206 (KETTLE FALLS MARINA ACCESS ROAD)



## Lake Roosevelt National Recreation Area ROUTE 0951ZZ: SEVEN BAYS UPPER STORE / RESTAURANT PARKING

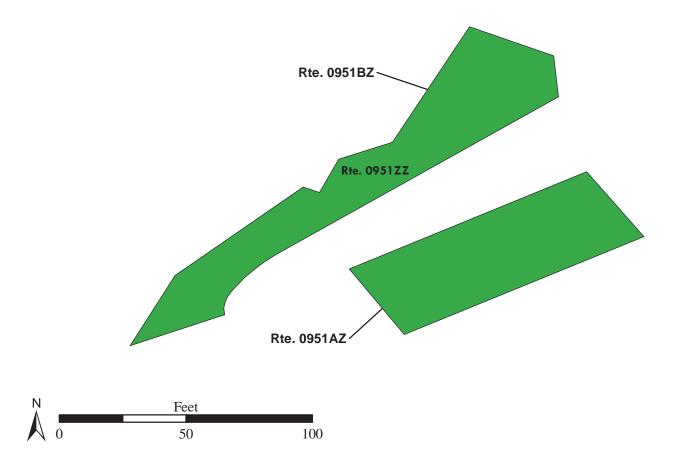
Summary Route Manual Rating

#### FROM GRAVEL STORE / RESTAURANT PARKING LOT

TO PARKING

Inspection Date	FMSS Number	User Access	Surface Type			
6/21/2015	39262	PUBLIC	ASPHALT			
Area (Sq. Ft.)	Lane Miles (11' Widths)	Condition R	ating / PCR			
4,994	0.086	SUMMARY / 93				
	Route Condition Legend – Pavement Condition Rating (PCR)					
<b>Poor</b> (0 - 60)	<b>Fair (61- 84) Good</b> (	(85 - 94) Excellent (95 - 10	0) Not Rated			
See Appendix for definitions and formulas						

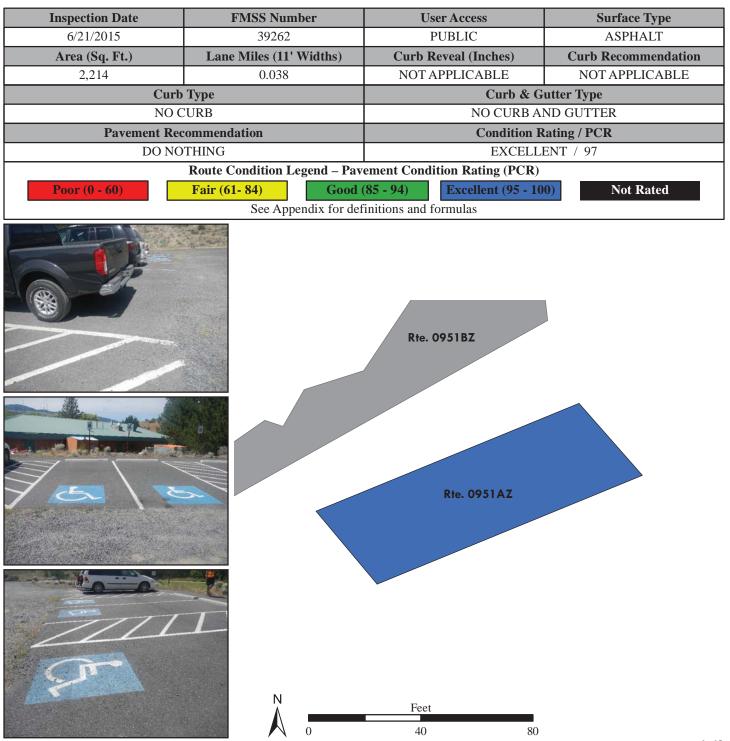
The condition shown on this page reflects the overall route condition and may not reflect individual subcomponent ratings.



## Lake Roosevelt National Recreation Area ROUTE 0951AZ: SEVEN BAYS UPPER STORE / RESTAURANT PARKING A

Subcomponent of Route LARO-0951ZZ Manual Rating

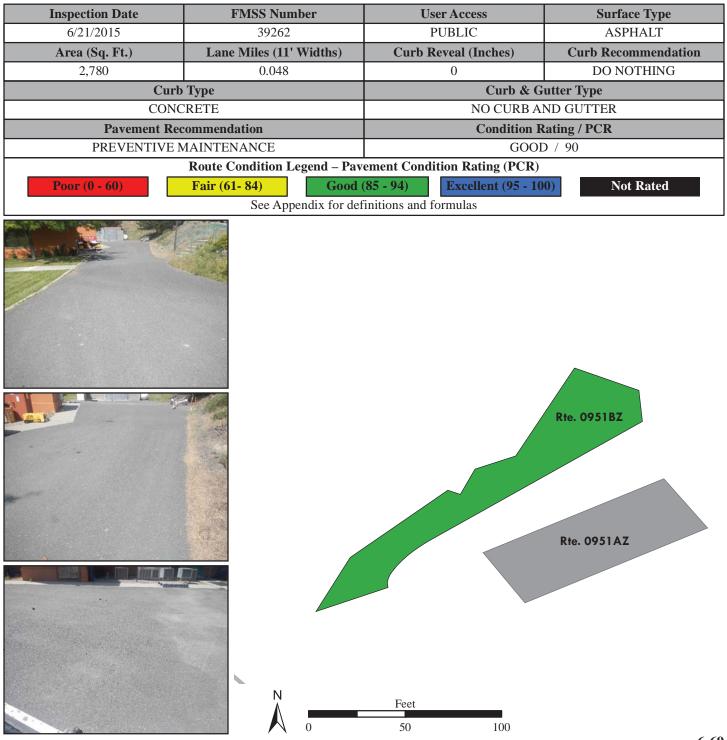
#### FROM GRAVEL STORE / RESTAURANT PARKING LOT



## Lake Roosevelt National Recreation Area ROUTE 0951BZ: SEVEN BAYS UPPER STORE / RESTAURANT PARKING B

Subcomponent of Route LARO-0951ZZ Manual Rating

#### FROM GRAVEL STORE / RESTAURANT PARKING LOT

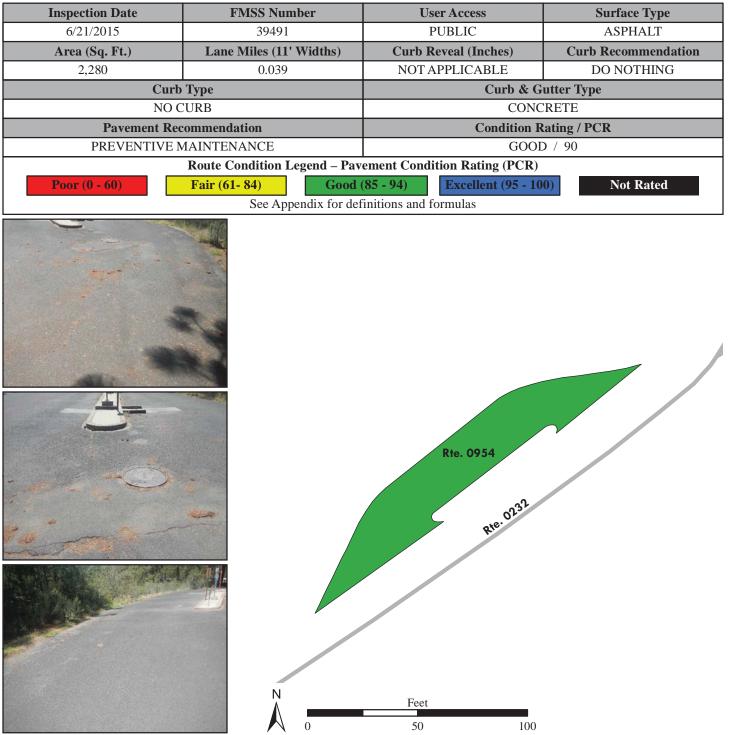


## Lake Roosevelt National Recreation Area ROUTE 0954: FORT SPOKANE CAMPGROUND DUMP STATION

Manual Rating

FROM ROUTE 0232 (FORT SPOKANE CAMPGROUND ENTRANCE ROAD)

TO ROUTE 0232 (FORT SPOKANE CAMPGROUND ENTRANCE ROAD)

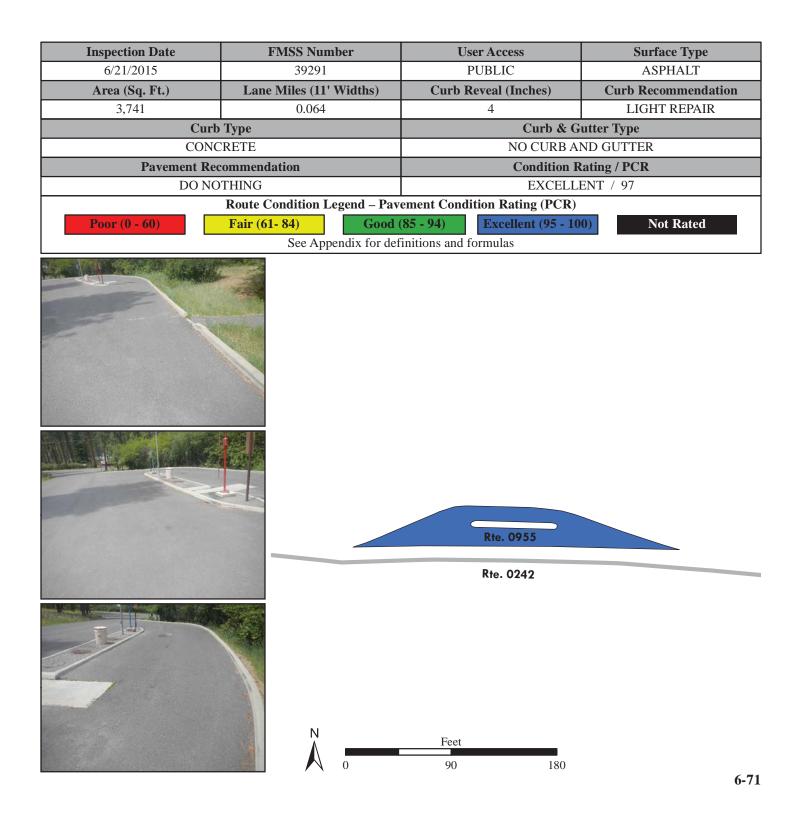


# Lake Roosevelt National Recreation Area

**ROUTE 0955: HUNTERS RV DUMP STATION** 

Manual Rating

ADJACENT TO ROUTE 0242 (HUNTERS BOAT LAUNCH ACCESS ROAD)

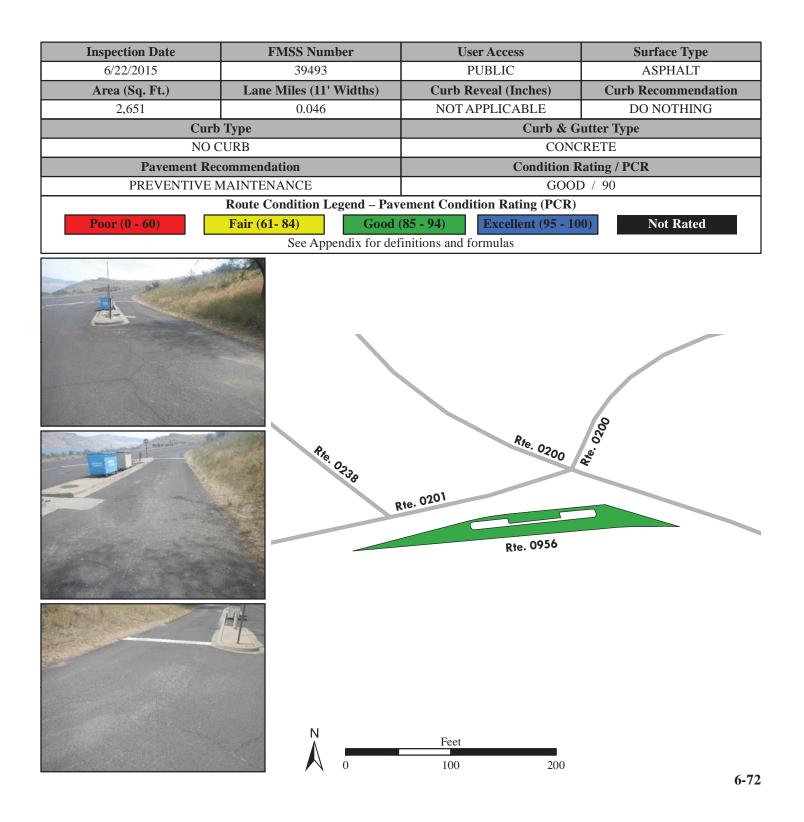


# Lake Roosevelt National Recreation Area

**ROUTE 0956: SPRING CANYON RV DUMP STATION** 

#### Manual Rating

ADJACENT TO ROUTE 0201 (SPRING CANYON RV CAMPGROUND ROAD)

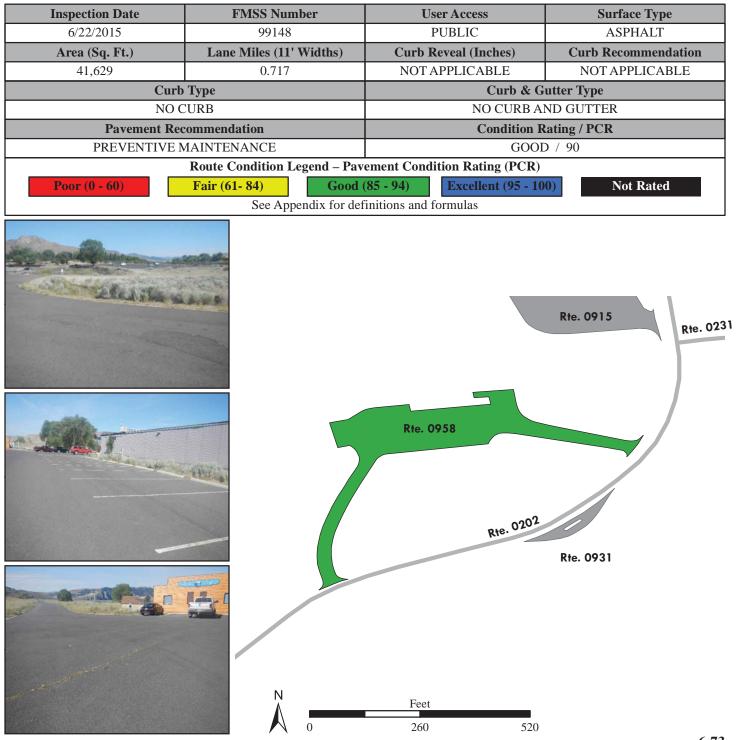


## Lake Roosevelt National Recreation Area ROUTE 0958: KELLER FERRY STORE PARKING LOT

Manual Rating

FROM ROUTE 0202 (KELLER FERRY CAMPGROUND ROAD)

TO ROUTE 0202 (KELLER FERRY CAMPGROUND ROAD)

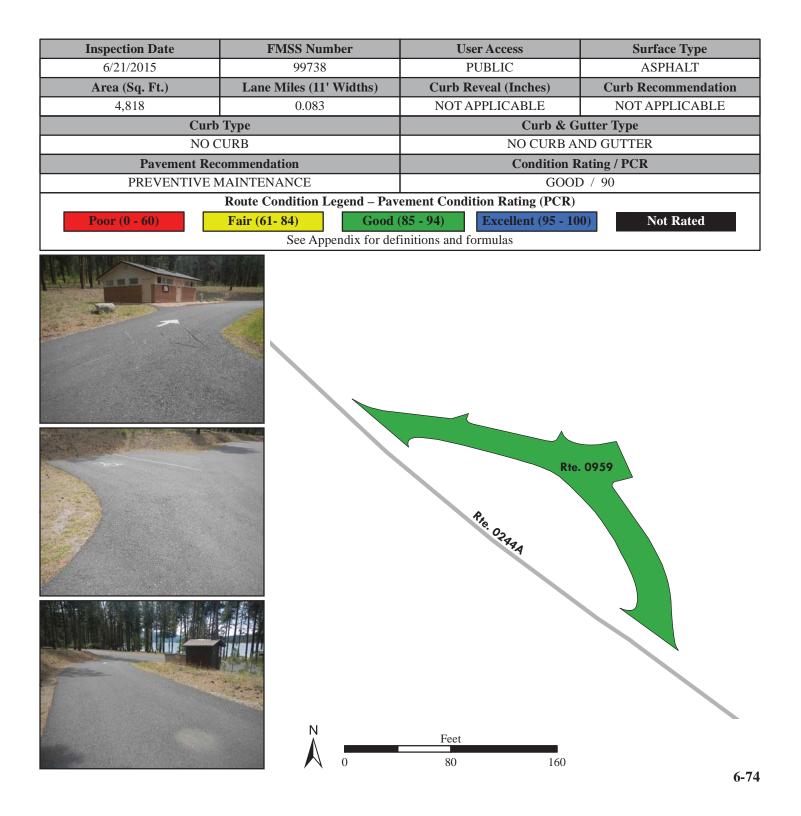


## Lake Roosevelt National Recreation Area ROUTE 0959: GIFFORD COMFORT STATION LOOP PARKING

Manual Rating

FROM ROUTE 0244A (GIFFORD CAMPGROUND ROAD)

TO ROUTE 0244A (GIFFORD CAMPGROUND ROAD)

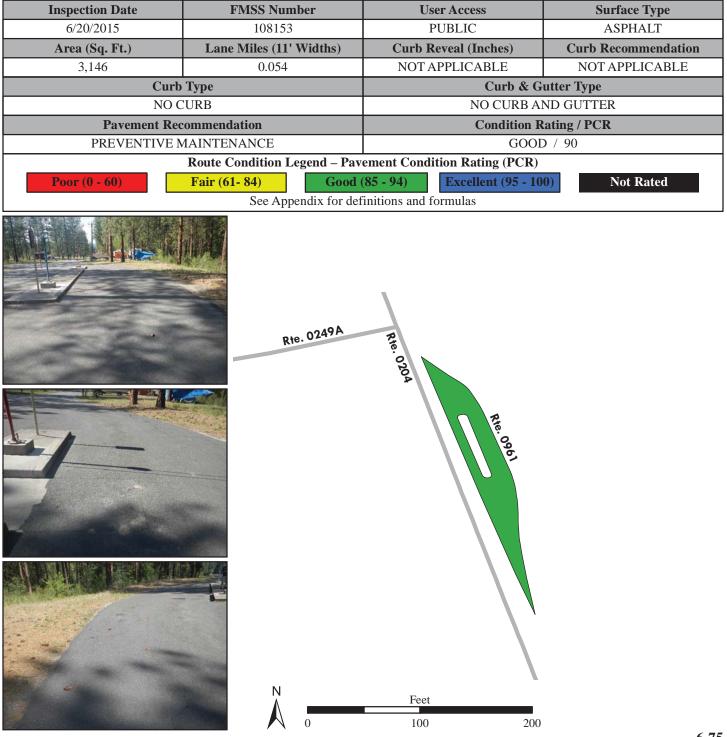


# Lake Roosevelt National Recreation Area

**ROUTE 0961: EVANS DUMP STATION** 

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Manual Rating
```

ADJACENT TO ROUTE 0204 (EVANS CAMPGROUND ROAD)



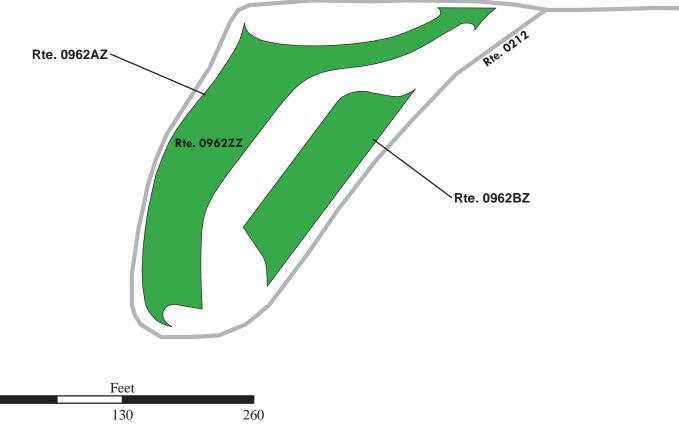
## Lake Roosevelt National Recreation Area ROUTE 0962ZZ: BRADBURY BEACH DAY USE PARKING AREA COMPLEX

Summary Route Manual Rating

ADJACENT TO ROUTE 0212 (BRADBURY DAY USE AREA ROAD)

Inspection Date	FMSS Number	FMSS Number User Access					
6/21/2015	39242	PUBLIC	ASPHALT				
Area (Sq. Ft.)	Lane Miles (11' Widths)	Condition Rating / PCR					
22,160	0.381	SUMMARY / 90					
	Route Condition Legend – Pavement Condition Rating (PCR)						
<b>Poor</b> (0 - 60)	<b>Fair (61- 84) Good</b>	(85 - 94) Excellent (95 - 10	0) 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.

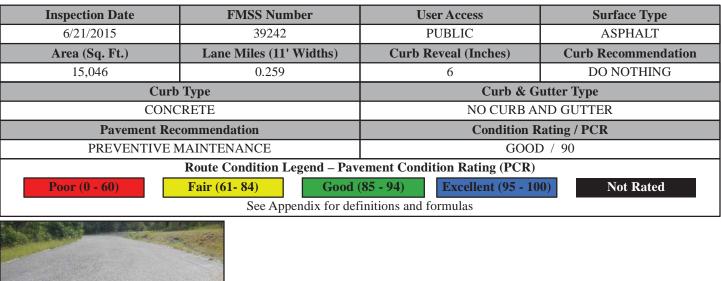


## Lake Roosevelt National Recreation Area ROUTE 0962AZ: BRADBURY BEACH DAY USE LOWER PARKING

Subcomponent of Route LARO-0962ZZ Manual Rating

FROM ROUTE 0212 (BRADBURY DAY USE AREA ROAD)

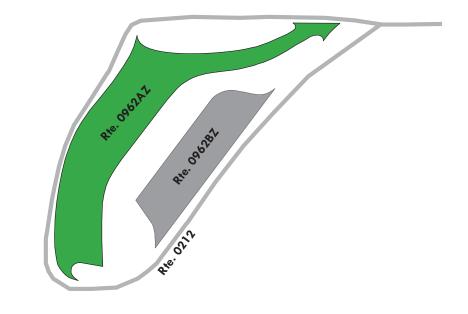
TO ROUTE 0212 (BRADBURY DAY USE AREA ROAD)









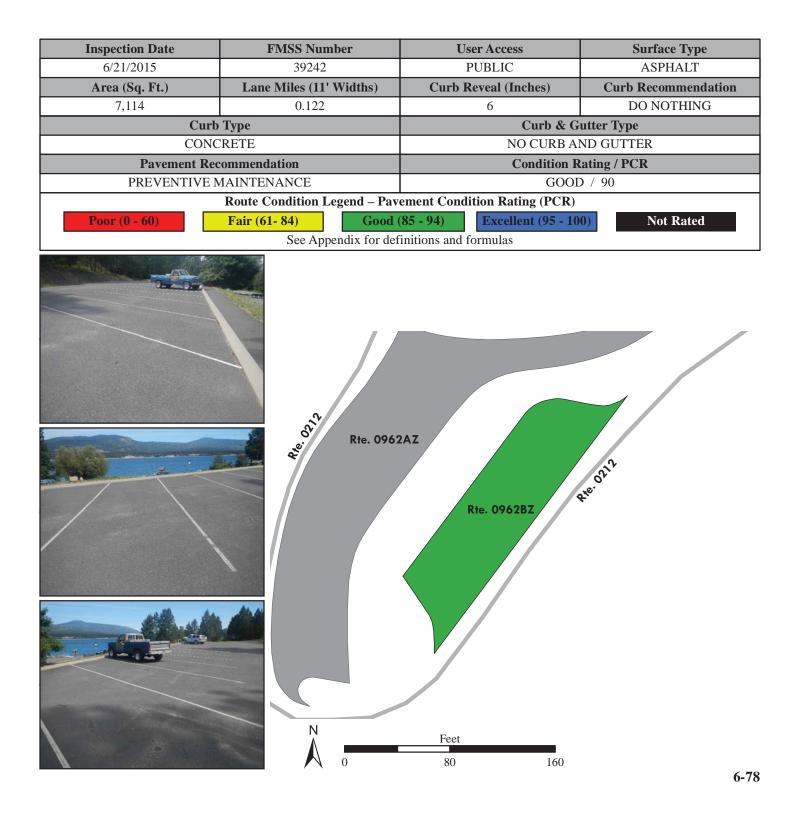




## Lake Roosevelt National Recreation Area ROUTE 0962BZ: BRADBURY BEACH DAY USE UPPER PARKING

Subcomponent of Route LARO-0962ZZ Manual Rating

ADJACENT TO ROUTE 0212 (BRADBURY DAY USE AREA ROAD)

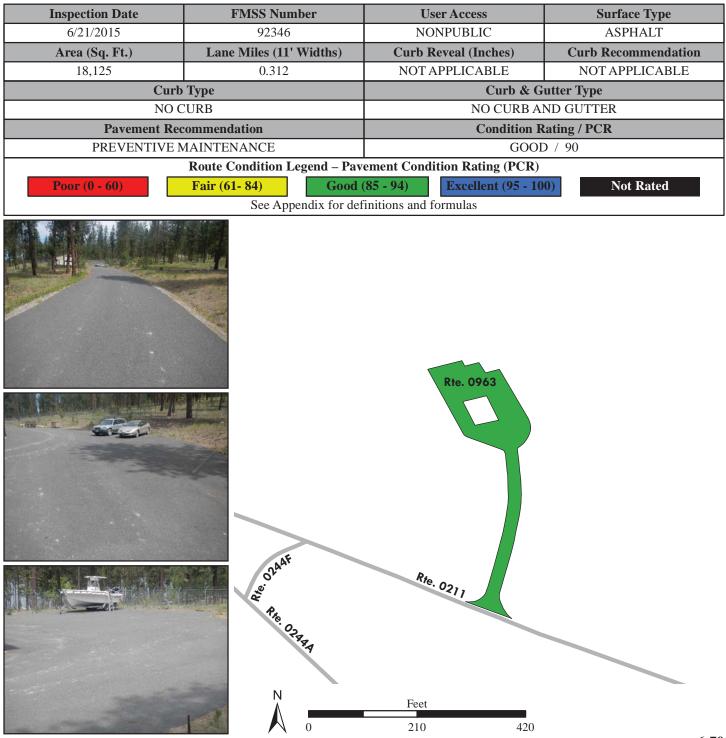


# Lake Roosevelt National Recreation Area

**ROUTE 0963: GIFFORD MAINTENANCE AREA** 

Manual Rating

#### FROM ROUTE 0211 (GIFFORD CAMPGROUND ACCESS ROAD) AT MP 0.16 ON RIGHT

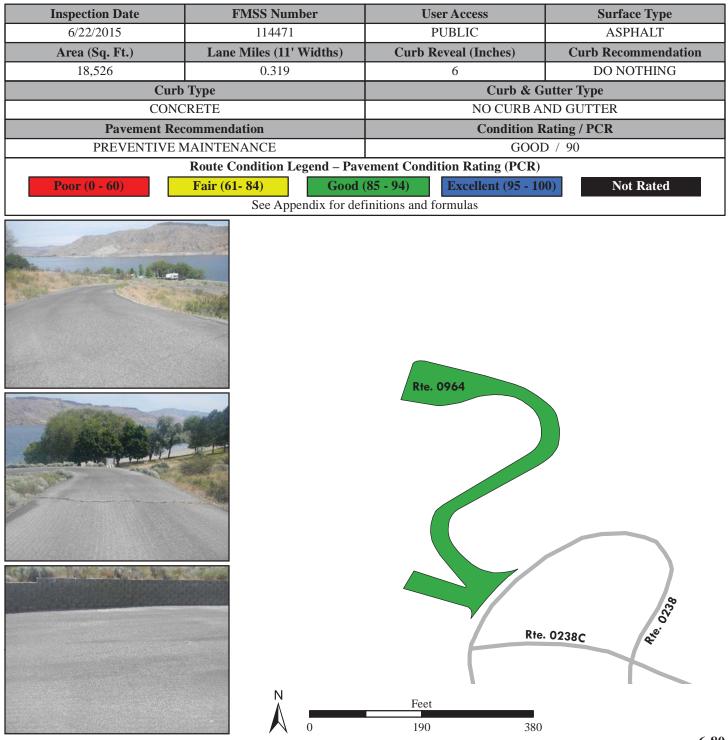


## Lake Roosevelt National Recreation Area

ROUTE 0964: SPRING CANYON GROUPSITE #2 PARKING

Manual Rating

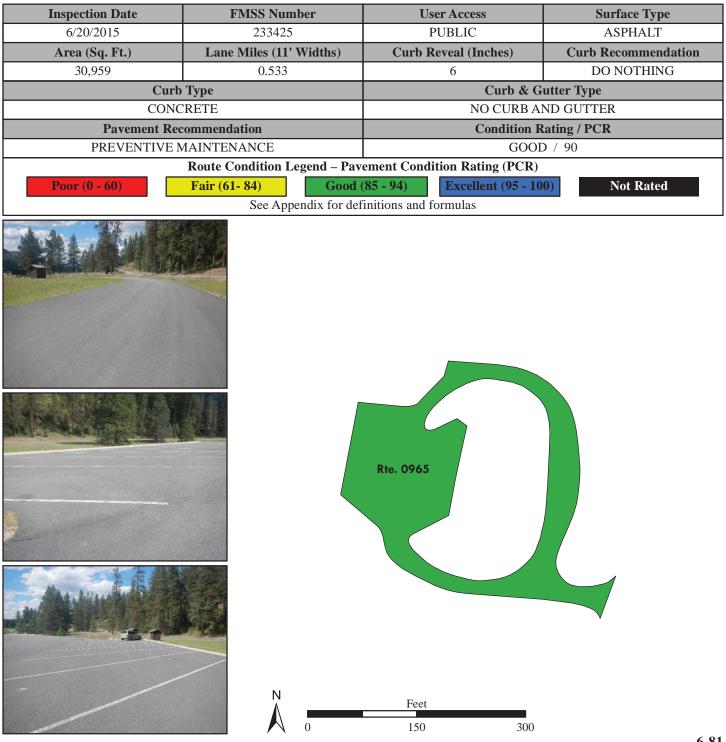
#### FROM ROUTE 0238 (SPRING CANYON CAMPGROUND ROAD)



#### Lake Roosevelt National Recreation Area ROUTE 0965: NAPOLEON BRIDGE BOAT LAUNCH PARKING

Manual Rating

FROM KETTLE RIVER ROAD (UNPAVED)



# Section 7 Road Milepost Information



## Lake Roosevelt National Recreation Area



#### **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.

## **ROUTE 0100: KETTLE FALLS ENTRANCE ROAD**

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.00	0.00	INTERSECTION	N/A	ROUTE 5003 (KETTLE PARK ROAD (BOISE ROAD))
0.00	0.00	PARK BOUNDARY	N/A	PARK BOUNDARY
0.11	0.11	INTERSECTION	R	ROUTE 0255 (KETTLE FALLS FACILITIES ROAD)
0.12	0.12	INTERSECTION	L	OLD KETTLE ROAD
0.25	0.25	INTERSECTION	R	ROUTE 0910 (KETTLE FALLS INFORMATION CENTER PARKING)
0.32	0.32	INTERSECTION	R	ROUTE 0206 (KETTLE FALLS MARINA ACCESS ROAD)
0.32	0.32	INTERSECTION	L	PRIVATE ROUTE (PAVED ROAD)
0.40	0.40	INTERSECTION	R	ROUTE 0911A (KETTLE FALLS BOAT LAUNCH PARKING A)
0.83	0.83	INTERSECTION	R	ROUTE 0252 (KETTLE FALLS LOCUST GROVE GROUP CAMPGROUND ROAD)
0.83	0.83	INTERSECTION	L	WASHINGTON STREET (RV PARK-NON NPS)
0.98	0.98	INTERSECTION	R	ROUTE 0205 (KETTLE FALLS PICNIC ROAD)
1.25	1.25	INTERSECTION	R	ROUTE 0205 (KETTLE FALLS PICNIC ROAD)
1.26	1.26	INTERSECTION	L	COLLEGE LANE
1.36	1.36	INTERSECTION	L	GRAVEL ROUTE (KETTLE PARK ROAD 1481)
1.64	1.64	INTERSECTION	L	GRAVEL ROUTE
1.65	1.65	INTERSECTION	L	ROUTE 0100 (KETTLE FALLS ENTRANCE ROAD)
1.65	1.65	ONE-WAY START	N/A	N/A
1.75	1.75	INTERSECTION	R	UNPAVED PARKING
1.81	1.81	INTERSECTION	L	ROUTE 0100 (KETTLE FALLS ENTRANCE ROAD)
1.81	1.81	INTERSECTION	N/A	ROUTE 0100 (KETTLE FALLS ENTRANCE ROAD)
1.81	1.81	ONE-WAY END	N/A	N/A

### **ROUTE 0101: FORT SPOKANE PICNIC AREA LOOP ROAD**

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.00	0.00	INTERSECTION	R	PAVED ROUTE (WASHINGTON STATE HIGHWAY 25 / NON NPS)
0.00	0.00	INTERSECTION	L	PAVED ROUTE (WASHINGTON STATE HIGHWAY 25 / NON NPS)
0.06	0.06	INTERSECTION	L	ROUTE 0101 (FORT SPOKANE PICNIC AREA LOOP ROAD)
0.06	0.06	ONE-WAY START	N/A	N/A
0.09	0.09	INTERSECTION	R	ROUTE 0909AZ (FORT SPOKANE PICNIC LOOP PARKING A)
0.11	0.11	INTERSECTION	R	ROUTE 0909BZ (FORT SPOKANE PICNIC LOOP PARKING B)
0.18	0.18	INTERSECTION	L	ROUTE 0909CZ (FORT SPOKANE PICNIC LOOP PARKING C)
0.38	0.38	ONE-WAY END	N/A	N/A
0.38	0.38	INTERSECTION	R	ROUTE 0101 (FORT SPOKANE PICNIC AREA LOOP ROAD)
0.38	0.38	INTERSECTION	N/A	ROUTE 0101 (FORT SPOKANE PICNIC AREA LOOP ROAD)

### **ROUTE 0200: SPRING CANYON ROAD**

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.00	0.00	INTERSECTION	L	PAVED ROUTE (WASHINGTON STATE HIGHWAY 174 / NON NPS)
0.00	0.00	INTERSECTION	R	PAVED ROUTE (WASHINGTON STATE HIGHWAY 174 / NON NPS)
0.40	0.45	INTERSECTION	L	PULLOUT
0.54	0.54	INTERSECTION	L	SPRING CANYON CEMETERY ROAD (UNPAVED)
0.75	0.75	INTERSECTION	L	SERVICE ROAD (UNPAVED) TO WATER TANK
0.86	0.86	INTERSECTION	L	ROUTE 0401 (SPRING CANYON SERVICE / HOUSING ROAD)
1.05	1.05	INTERSECTION	R	UNPAVED ROAD
1.24	1.24	INTERSECTION	L	ROUTE 0956 (SPRING CANYON RV DUMP STATION)
1.25	1.25	INTERSECTION	R	ROUTE 0200 (SPRING CANYON ROAD)
1.25	1.25	INTERSECTION	L	ROUTE 0201 (SPRING CANYON RV CAMPGROUND ROAD)
1.31	1.31	INTERSECTION	L	ROUTE 0238C (SPRING CANYON CAMPGROUND CONNECTOR C)
1.35	1.35	INTERSECTION	L	ROUTE 0902AZ (SPRING CANYON DAY USE PARKING A)
1.35	1.35	INTERSECTION	R	ROUTE 0902BZ (SPRING CANYON DAY USE PARKING B)
1.41	1.41	INTERSECTION	R	ROUTE 0902DZ (SPRING CANYON DAY USE PARKING D)
1.41	1.41	INTERSECTION	L	ROUTE 0902CZ (SPRING CANYON DAY USE PARKING C)
1.45	1.45	INTERSECTION	L	ROUTE 0902EZ (SPRING CANYON DAY USE PARKING E)
1.45	1.45	INTERSECTION	R	ROUTE 0902FZ (SPRING CANYON DAY USE PARKING F)
1.48	1.48	INTERSECTION	L	ROUTE 0902EZ (SPRING CANYON DAY USE PARKING E)
1.49	1.49	INTERSECTION	L	ROUTE 0902G (SPRING CANYON BOAT LAUNCH PARKING G)
1.52	1.52	INTERSECTION	L	ROUTE 0902G (SPRING CANYON BOAT LAUNCH PARKING G)
1.64	1.64	INTERSECTION	R	ROUTE 0200 (SPRING CANYON ROAD)
1.64	1.64	INTERSECTION	L	ROUTE 0200 (SPRING CANYON ROAD)

### **ROUTE 0201: SPRING CANYON RV CAMPGROUND ROAD**

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.00	0.00	INTERSECTION	L	ROUTE 0200 (SPRING CANYON ROAD)
0.00	0.00	INTERSECTION	N/A	ROUTE 0200 (SPRING CANYON ROAD)
0.00	0.00	INTERSECTION	R	ROUTE 0200 (SPRING CANYON ROAD)
0.02	0.02	INTERSECTION	L	ROUTE 0956 (SPRING CANYON RV DUMP STATION)
0.02	0.02	INTERSECTION	R	ROUTE 0238 (SPRING CANYON CAMPGROUND ROAD)
0.06	0.06	INTERSECTION	R	ROUTE 0238 (SPRING CANYON CAMPGROUND ROAD)
0.08	0.08	INTERSECTION	R	SPUR TO ROUTE 0238 (SPRING CANYON CAMPGROUND LOOPS)
0.12	0.12	INTERSECTION	N/A	ROUTE 0904 (SPRING CANYON RV CAMPGROUND PARKING)

## **ROUTE 0202: KELLER FERRY CAMPGROUND ROAD**

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.00	0.00	INTERSECTION	N/A	ROUTE 0928 (KELLER FERRY PICNIC / CAMP AREA PARKING)
0.04	0.04	INTERSECTION	R	UNPAVED ROAD
0.06	0.06	INTERSECTION	R	ROUTE 0915 (KELLER FERRY BOAT LAUNCH PARKING)
0.18	0.18	INTERSECTION	R	ROUTE 0915 (KELLER FERRY BOAT LAUNCH PARKING)
0.19	0.19	INTERSECTION	L	ROUTE 0231 (KELLER FERRY CAMPGROUND ENTRANCE ROAD)
0.24	0.24	INTERSECTION	R	ROUTE 0958 (KELLER FERRY STORE PARKING LOT)
0.27	0.27	INTERSECTION	L	ROUTE 0931 (KELLER FERRY RV DUMP STATION PARKING)
0.29	0.29	INTERSECTION	L	ROUTE 0931 (KELLER FERRY RV DUMP STATION PARKING)
0.36	0.36	INTERSECTION	R	ROUTE 0958 (KELLER FERRY STORE PARKING LOT)
0.40	0.40	INTERSECTION	L	UNPAVED BOAT TRAILER PARKING
0.41	0.41	INTERSECTION	R	PAVED PARKING (NON-NPS) (BUILDING KY109)
0.54	0.54	INTERSECTION	N/A	UNPAVED ROAD

## **ROUTE 0203: FORT SPOKANE CAMPGROUND ROAD**

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.00	0.00	INTERSECTION	N/A	ROUTE 0101 (FORT SPOKANE PICNIC AREA LOOP ROAD)
0.00	0.00	INTERSECTION	R	FROM ROUTE 5025 (STATE ROUTE 25)
0.00	0.00	INTERSECTION	L	ROUTE 5025 (STATE ROUTE 25)
0.01	0.01	INTERSECTION	L	ROUTE 0908 (FORT SPOKANE GROUP CAMP PARKING)
0.01	0.01	INTERSECTION	R	ROUTE 0907BZ (FORT SPOKANE BOAT LAUNCH PARKING B)
0.11	0.11	INTERSECTION	N/A	ROUTE 0232 (FORT SPOKANE CAMPGROUND ENTRANCE ROAD)
0.11	0.11	INTERSECTION	L	ROUTE 0907AZ (FORT SPOKANE BOAT LAUNCH PARKING A)

#### **ROUTE 0204: EVANS CAMPGROUND ROAD**

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.00	0.00	INTERSECTION	L	PAVED ROUTE (WASHINGTON STATE HIGHWAY 25/ NON NPS)
0.00	0.00	INTERSECTION	R	PAVED ROUTE (WASHINGTON STATE HIGHWAY 25/ NON NPS)
0.01	0.01	RAILROAD CROSSING	N/A	N/A
0.07	0.07	INTERSECTION	R	PRIVATE ROAD / NON NPS
0.10	0.10	PARK BOUNDARY	N/A	PARK BOUNDARY
0.15	0.15	INTERSECTION	R	PRIVATE ROAD / NON NPS
0.16	0.16	INTERSECTION	L	UNPAVED ROAD
0.21	0.21	INTERSECTION	R	ROUTE 0249A (EVANS CAMPGROUND LOOP A)
0.22	0.22	INTERSECTION	L	ROUTE 0961 (EVANS DUMP STATION)
0.24	0.24	INTERSECTION	L	ROUTE 0961 (EVANS DUMP STATION)
0.37	0.37	INTERSECTION	R	ROUTE 0249A (EVANS CAMPGROUND LOOP A)
0.38	0.38	INTERSECTION	N/A	ROUTE 0940 (EVANS DAY USE PARKING)

# LARO: Route Milepost Log

#### **ROUTE 0205: KETTLE FALLS PICNIC ROAD**

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.00	0.00	INTERSECTION	R	ROUTE 0100 (KETTLE FALLS ENTRANCE ROAD)
0.00	0.00	INTERSECTION	L	ROUTE 0100 (KETTLE FALLS ENTRANCE ROAD)
0.24	0.24	INTERSECTION	L	ROUTE 0914AZ (KETTLE FALLS DAY USE AREA PARKING A)
0.30	0.30	INTERSECTION	R	ROUTE 0914BZ (KETTLE FALLS DAY USE AREA PARKING B)
0.38	0.38	INTERSECTION	N/A	COLLEGE LANE (NON-NPS ROAD)
0.38	0.38	INTERSECTION	R	ROUTE 0100 (KETTLE FALLS ENTRANCE ROAD)
0.38	0.38	INTERSECTION	L	ROUTE 0100 (KETTLE FALLS ENTRANCE ROAD)

### **ROUTE 0206: KETTLE FALLS MARINA ACCESS ROAD**

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.00	0.00	INTERSECTION	R	ROUTE 0100 (KETTLE FALLS ENTRANCE ROAD)
0.00	0.00	INTERSECTION	L	ROUTE 0100 (KETTLE FALLS ENTRANCE ROAD)
0.01	0.01	INTERSECTION	R	ROUTE 0910 (KETTLE FALLS INFORMATION CENTER PARKING)
0.03	0.03	INTERSECTION	L	ROUTE 0950 (KETTLE FALLS DUMP STATION)
0.05	0.05	INTERSECTION	L	ROUTE 0950 (KETTLE FALLS DUMP STATION)
0.06	0.06	INTERSECTION	R	ROUTE 0207 (KETTLE FALLS CAMPGROUND ROAD)
0.07	0.07	INTERSECTION	L	UNPAVED ROUTE
0.11	0.11	INTERSECTION	R	ROUTE 0911B (KETTLE FALLS BOAT LAUNCH PARKING B) UNPAVED SECTION
0.13	0.13	INTERSECTION	L	ROUTE 0911A (KETTLE FALLS BOAT LAUNCH PARKING A)
0.20	0.20	INTERSECTION	N/A	ROUTE 0911C (KETTLE FALLS BOAT LAUNCH PARKING C)

## **ROUTE 0207: KETTLE FALLS CAMPGROUND ROAD**

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.00	0.00	INTERSECTION	R	ROUTE 0206 (KETTLE FALLS MARINA ACCESS ROAD)
0.00	0.00	INTERSECTION	L	ROUTE 0206 (KETTLE FALLS MARINA ACCESS ROAD)
0.05	0.05	INTERSECTION	R	ROUTE 0261 (KETTLE FALLS BOAT RAMP ACCESS ROAD) UNPAVED SECTION
0.14	0.14	INTERSECTION	L	ROUTE 0251A (KETTLE FALLS CAMPGROUND LOOP 1)
0.17	0.17	INTERSECTION	L	ROUTE 0251A (KETTLE FALLS CAMPGROUND LOOP 1)
0.20	0.20	INTERSECTION	L	ROUTE 0251B (KETTLE FALLS CAMPGROUND LOOP 2)
0.22	0.22	INTERSECTION	L	ROUTE 0251B (KETTLE FALLS CAMPGROUND LOOP 2)
0.26	0.26	INTERSECTION	L	ROUTE 0251C (KETTLE FALLS CAMPGROUND LOOP 3)
0.28	0.28	INTERSECTION	L	ROUTE 0251C (KETTLE FALLS CAMPGROUND LOOP 3)
0.29	0.29	INTERSECTION	N/A	DEAD END

# LARO: Route Milepost Log

#### **ROUTE 0208: HAWK CREEK CAMPGROUND ROAD**

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.00	0.00	PARK BOUNDARY	N/A	PARK BOUNDARY
0.03	0.03	INTERSECTION	L	ROUTE 0233 (HAWK CREEK CAMPGROUND LOOP)
0.19	0.19	INTERSECTION	R	ROUTE 0920 (HAWK CREEK BOAT LAUNCH PARKING)
0.24	0.24	INTERSECTION	N/A	ROUTE 0920 (HAWK CREEK BOAT LAUNCH PARKING)

### **ROUTE 0209: PORCUPINE BAY CAMPGROUND ROAD**

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.00	0.00	PARK BOUNDARY	N/A	PARK BOUNDARY
0.06	0.06	INTERSECTION	L	WATER TOWER ACCESS ROAD
0.09	0.09	INTERSECTION	R	ROUTE 0240A (PORCUPINE BAY CAMPGROUND MAIN ROAD)
0.20	0.20	INTERSECTION	L	UNPAVED PARKING
0.31	0.31	INTERSECTION	L	UNPAVED PARKING
0.32	0.32	INTERSECTION	L	UNPAVED SERVICE ROAD
0.34	0.34	INTERSECTION	R	ROUTE 0240A (PORCUPINE BAY CAMPGROUND MAIN ROAD)
0.34	0.34	INTERSECTION	N/A	ROUTE 0923 (PORCUPINE BAY BOAT LAUNCH PARKING)

## **ROUTE 0210: HUNTERS CAMPGROUND ACCESS ROAD**

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.00	0.00	INTERSECTION	N/A	ROUTE 5001 (HUNTERS CAMPGROUND ROAD (NON NPS))
0.00	0.00	PARK BOUNDARY	N/A	PARK BOUNDARY
0.16	0.16	INTERSECTION	L	UNPAVED ROAD
0.39	0.39	INTERSECTION	L	UNPAVED ROAD
0.44	0.44	INTERSECTION	R	ROUTE 0242 (HUNTERS BOAT LAUNCH ACCESS ROAD)
0.44	0.44	INTERSECTION	L	ROUTE 0243 (HUNTERS GROUP CAMP LOOP)
0.48	0.48	INTERSECTION	L	ROUTE 0935 (HUNTERS DAY USE PARKING)
0.48	0.48	INTERSECTION	R	UNPAVED ROAD
0.50	0.50	INTERSECTION	L	ROUTE 0935 (HUNTERS DAY USE PARKING)
0.51	0.51	INTERSECTION	R	UNPAVED CAMPING LOT
0.51	0.51	INTERSECTION	N/A	DEAD END

## **ROUTE 0211: GIFFORD CAMPGROUND ACCESS ROAD**

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.00	0.00	INTERSECTION	R	ROUTE 5025 (STATE ROUTE 25)
0.00	0.00	INTERSECTION	L	ROUTE 5025 (STATE ROUTE 25)
0.01	0.01	PARK BOUNDARY	N/A	PARK BOUNDARY
0.10	0.10	INTERSECTION	L	ROUTE 0949 (GIFFORD CAMPGROUND DUMP STATION)
0.12	0.12	INTERSECTION	L	ROUTE 0949 (GIFFORD CAMPGROUND DUMP STATION)
0.16	0.16	INTERSECTION	R	ROUTE 0963 (GIFFORD MAINTENANCE AREA)
0.21	0.21	INTERSECTION	L	ROUTE 0244F (GIFFORD CAMPGROUND EXIT SPUR)
0.25	0.25	INTERSECTION	L	ROUTE 0244A (GIFFORD CAMPGROUND ROAD)
0.28	0.28	INTERSECTION	R	UNPAVED ROAD
0.29	0.29	INTERSECTION	N/A	ROUTE 0917 (GIFFORD BOAT LAUNCH PARKING)

# **ROUTE 0212: BRADBURY DAY USE AREA ROAD**

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.00	0.00	INTERSECTION	L	PAVED ROUTE (WASHINGTON STATE HIGHWAY 25/ NON NPS)
0.00	0.00	INTERSECTION	R	PAVED ROUTE (WASHINGTON STATE HIGHWAY 25/ NON NPS)
0.10	0.10	INTERSECTION	R	ROUTE 0259 (BRADBURY DAY USE ACCESS ROAD)
0.13	0.13	ONE-WAY START	N/A	N/A
0.13	0.13	INTERSECTION	L	ROUTE 0212 (BRADBURY DAY USE AREA ROAD)
0.14	0.14	INTERSECTION	L	ROUTE 0962AZ (BRADBURY BEACH DAY USE LOWER PARKING)
0.20	0.20	INTERSECTION	L	ROUTE 0962AZ (BRADBURY BEACH DAY USE LOWER PARKING)
0.27	0.27	INTERSECTION	L	ROUTE 0962BZ (BRADBURY BEACH DAY USE UPPER PARKING)
0.31	0.31	INTERSECTION	L	ROUTE 0212 (BRADBURY DAY USE AREA ROAD)
0.31	0.31	INTERSECTION	R	ROUTE 0212 (BRADBURY DAY USE AREA ROAD)
0.31	0.31	ONE-WAY END	N/A	N/A

### **ROUTE 0213: MARCUS ISLAND CAMPGROUND ENTRANCE ROAD**

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.00	0.00	INTERSECTION	R	PAVED ROUTE (WASHINGTON STATE HIGHWAY 25/ NON NPS)
0.00	0.00	INTERSECTION	L	PAVED ROUTE (WASHINGTON STATE HIGHWAY 25/ NON NPS)
0.07	0.07	INTERSECTION	R	UNPAVED ROAD
0.14	0.14	INTERSECTION	L	ORCHARD LANE / NON NPS
0.24	0.24	PARK BOUNDARY	N/A	PARK BOUNDARY
0.58	0.58	INTERSECTION	L	ROUTE 0942 (MARCUS ISLAND BOAT LAUNCH PARKING)
1.29	1.29	INTERSECTION	R	ROUTE 0943 (MARCUS ISLAND CAMPGROUND PARKING)
1.48	1.48	INTERSECTION	L	ROUTE 0250 (MARCUS ISLAND CAMPGROUND LOOP)
1.58	1.58	INTERSECTION	L	ROUTE 0250 (MARCUS ISLAND CAMPGROUND LOOP)
1.83	1.83	INTERSECTION	L	ROUTE 0213 (MARCUS ISLAND CAMPGROUND ENTRANCE ROAD)
1.83	1.83	ONE-WAY START	N/A	N/A
1.88	1.88	INTERSECTION	N/A	ROUTE 0213 (MARCUS ISLAND CAMPGROUND ENTRANCE ROAD)
1.88	1.88	INTERSECTION	L	ROUTE 0213 (MARCUS ISLAND CAMPGROUND ENTRANCE ROAD)
1.88	1.88	ONE-WAY END	N/A	N/A

# **ROUTE 0214: NORTH GORGE CAMPGROUND ROAD**

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.00	0.00	INTERSECTION	L	PAVED ROUTE (WASHINGTON STATE HIGHWAY 25/ NON NPS)
0.00	0.00	INTERSECTION	R	PAVED ROUTE (WASHINGTON STATE HIGHWAY 25/ NON NPS)
0.01	0.01	RAILROAD CROSSING	N/A	N/A
0.03	0.03	PARK BOUNDARY	N/A	PARK BOUNDARY
0.03	0.03	INTERSECTION	R	ROUTE 0248 (NORTH GORGE CAMPGROUND SPUR)
0.07	0.07	INTERSECTION	R	ROUTE 0929 (NORTH GORGE BOAT LAUNCH PARKING)
0.09	0.09	INTERSECTION	R	ROUTE 0929 (NORTH GORGE BOAT LAUNCH PARKING)
0.18	0.18	INTERSECTION	N/A	DEAD END

# ROUTE 0215A: KAMLOOPS ISLAND CAMPGROUND ROAD

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.00	0.00	INTERSECTION	L	NORTHPORT FLAT CREEK ROAD / NON NPS
0.00	0.00	INTERSECTION	R	NORTHPORT FLAT CREEK ROAD / NON NPS
0.20	0.20	INTERSECTION	R	ROUTE 0215B (KAMLOOPS ISLAND CAMPGROUND LOOP)
0.24	0.24	INTERSECTION	R	ROUTE 0215B (KAMLOOPS ISLAND CAMPGROUND LOOP)
0.26	0.26	INTERSECTION	N/A	ROUTE 0939 (KAMLOOPS ISLAND CAMPGROUND LOOP PARKING)

# LARO: Route Milepost Log

#### **ROUTE 0215B: KAMLOOPS ISLAND CAMPGROUND LOOP**

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.00	0.00	INTERSECTION	R	ROUTE 0215A (KAMLOOPS ISLAND CAMPGROUND ROAD)
0.00	0.00	INTERSECTION	L	ROUTE 0215A (KAMLOOPS ISLAND CAMPGROUND ROAD)
0.09	0.09	INTERSECTION	R	ROUTE 0215A (KAMLOOPS ISLAND CAMPGROUND ROAD)
0.09	0.09	INTERSECTION	L	ROUTE 0215A (KAMLOOPS ISLAND CAMPGROUND ROAD)

# **ROUTE 0217: KETTLE RIVER CAMPGROUND ROAD**

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.00	0.00	INTERSECTION	R	U.S. HIGHWAY 395
0.00	0.00	INTERSECTION	L	U.S. HIGHWAY 395
0.01	0.01	INTERSECTION	R	CRITSY CLARK LANE
0.03	0.03	RAILROAD CROSSING	N/A	N/A
0.03	0.03	INTERSECTION	R	UNPAVED ROUTE
0.73	0.73	INTERSECTION	L	ROUTE 0217 (KETTLE RIVER CAMPGROUND ROAD)
0.73	0.73	ONE-WAY START	N/A	N/A
0.75	0.75	INTERSECTION	L	SPUR TO ROUTE 0217 (KETTLE RIVER CAMPGROUND ROAD)
0.95	0.95	INTERSECTION	L	SPUR TO ROUTE 0217 (KETTLE RIVER CAMPGROUND ROAD)
0.97	0.97	INTERSECTION	L	ROUTE 0217 (KETTLE RIVER CAMPGROUND ROAD)
0.97	0.97	ONE-WAY END	N/A	N/A
0.97	0.97	INTERSECTION	N/A	ROUTE 0217 (KETTLE RIVER CAMPGROUND ROAD)

## **ROUTE 0221: SEVEN BAYS MARINA ACCESS ROAD**

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.00	0.00	PARK BOUNDARY	N/A	PARK BOUNDARY
0.00	0.00	INTERSECTION	L	ROUTE 5002 (SEVEN BAYS ROAD)
0.00	0.00	INTERSECTION	R	ROUTE 5002 (SEVEN BAYS ROAD)
0.13	0.13	INTERSECTION	R	PAVED CITY ROUTE (BIG DAD RICHARDS)
0.15	0.15	INTERSECTION	R	UNPAVED PARKING
0.16	0.16	INTERSECTION	L	ROUTE 0947 (SEVEN BAYS BOAT LAUNCH PARKING)
0.17	0.17	INTERSECTION	R	UNPAVED PARKING
0.23	0.23	INTERSECTION	L	ROUTE 0947 (SEVEN BAYS BOAT LAUNCH PARKING)
0.28	0.28	INTERSECTION	N/A	ROUTE 0919 (SEVEN BAYS MARINA PARKING)

### **ROUTE 0222: FORT SPOKANE VISITOR CENTER ACCESS ROAD**

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.00	0.00	INTERSECTION	R	STATE HIGHWAY 25
0.00	0.00	INTERSECTION	L	STATE HIGHWAY 25
0.02	0.02	INTERSECTION	R	ROUTE 0223 (FORT SPOKANE FACILITIES ROAD)
0.20	0.20	INTERSECTION	L	SERVICE ROAD (UNPAVED)
0.26	0.26	INTERSECTION	N/A	ROUTE 0906 (FORT SPOKANE VISITOR CENTER PARKING)

# LARO: Route Milepost Log

#### **ROUTE 0223: FORT SPOKANE FACILITIES ROAD**

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.00	0.00	INTERSECTION	L	ROUTE 0222 (FORT SPOKANE VISITOR CENTER ACCESS ROAD)
0.00	0.00	INTERSECTION	R	ROUTE 0222 (FORT SPOKANE VISITOR CENTER ACCESS ROAD)
0.14	0.14	INTERSECTION	N/A	ROUTE 0905 (FORT SPOKANE FACILITIES PARKING)

### **ROUTE 0227: DAISY BOAT LAUNCH ACCESS ROAD**

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.00	0.00	INTERSECTION	R	STATE HIGHWAY 25
0.00	0.00	INTERSECTION	L	STATE HIGHWAY 25
0.04	0.04	PARK BOUNDARY	N/A	PARK BOUNDARY
0.32	0.32	INTERSECTION	R	UNPAVED SPUR
0.33	0.33	INTERSECTION	R	UNPAVED ROAD
0.35	0.35	INTERSECTION	N/A	ROUTE 0926 (DAISY BOAT LAUNCH PARKING)

## **ROUTE 0231: KELLER FERRY CAMPGROUND ENTRANCE ROAD**

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.00	0.00	INTERSECTION	L	STATE HIGHWAY 21
0.00	0.00	INTERSECTION	R	STATE HIGHWAY 21
0.06	0.06	INTERSECTION	L	ROUTE 0202 (KELLER FERRY CAMPGROUND ROAD)
0.06	0.06	INTERSECTION	R	ROUTE 0202 (KELLER FERRY CAMPGROUND ROAD)

## **ROUTE 0232: FORT SPOKANE CAMPGROUND ENTRANCE ROAD**

FROM MILEPOST	TO T MILEPOST	<b>FEATURE</b>	SIDE	COMMENT
0.00	0.00	INTERSECTION	N/A	ROUTE 0203 (FORT SPOKANE CAMPGROUND ROAD)
0.07	0.07	INTERSECTION	R	ROUTE 0232B (FORT SPOKANE CAMPGROUND LOOP B)
0.11	0.11	INTERSECTION	R	ROUTE 0232E (FORT SPOKANE CAMPGROUND LOOP E)
0.14	0.14	INTERSECTION	L	ROUTE 0954 (FORT SPOKANE CAMPGROUND DUMP STATION)
0.15	0.15	INTERSECTION	R	ROUTE 0232A (FORT SPOKANE CAMPGROUND LOOP A)
0.16	0.16	INTERSECTION	R	SPUR TO ROUTE 0232A (FORT SPOKANE CAMPGROUND LOOP A)
0.27	0.27	INTERSECTION	N/A	ROUTE 0232C (FORT SPOKANE CAMPGROUND LOOP C)

# ROUTE 0232A: FORT SPOKANE CAMPGROUND LOOP A

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.00	0.00	INTERSECTION	N/A	ROUTE 0232 (FORT SPOKANE CAMPGROUND ENTRANCE ROAD)
0.00	0.00	INTERSECTION	L	ROUTE 0232 (FORT SPOKANE CAMPGROUND ENTRANCE ROAD)
0.02	0.02	INTERSECTION	L	SPUR TO ROUTE 0232 (FORT SPOKANE CAMPGROUND ENTRANCE ROAD)
0.03	0.03	INTERSECTION	R	ROUTE 0232A (FORT SPOKANE CAMPGROUND LOOP A)
0.03	0.03	ONE-WAY START	N/A	N/A
0.22	0.22	INTERSECTION	L	SPUR TO ROUTE 0232B (FORT SPOKANE CAMPGROUND LOOP B)
0.22	0.22	INTERSECTION	L	ROUTE 0232B (FORT SPOKANE CAMPGROUND LOOP B)
0.24	0.24	ONE-WAY END	N/A	N/A
0.24	0.24	INTERSECTION	L	ROUTE 0232E (FORT SPOKANE CAMPGROUND LOOP E)
0.26	0.26	INTERSECTION	L	ROUTE 0232A (FORT SPOKANE CAMPGROUND LOOP A)
0.26	0.26	INTERSECTION	R	ROUTE 0232A (FORT SPOKANE CAMPGROUND LOOP A)
0.26	0.26	INTERSECTION	N/A	PAVED SPUR

### ROUTE 0232B: FORT SPOKANE CAMPGROUND LOOP B

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.00	0.00	INTERSECTION	L	ROUTE 0232A (FORT SPOKANE CAMPGROUND LOOP A)
0.00	0.00	ONE-WAY START	N/A	N/A
0.00	0.00	INTERSECTION	N/A	ROUTE 0232A (FORT SPOKANE CAMPGROUND LOOP A)
0.01	0.01	INTERSECTION	L	SPUR TO ROUTE 0232A (FORT SPOKANE CAMPGROUND LOOP A)
0.18	0.18	INTERSECTION	L	ROUTE 0232 (FORT SPOKANE CAMPGROUND ENTRANCE ROAD)
0.18	0.18	ONE-WAY END	N/A	N/A
0.18	0.18	INTERSECTION	R	ROUTE 0232 (FORT SPOKANE CAMPGROUND ENTRANCE ROAD)

# ROUTE 0232C: FORT SPOKANE CAMPGROUND LOOP C

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.00	0.00	INTERSECTION	R	ROUTE 0232C (FORT SPOKANE CAMPGROUND LOOP C)
0.00	0.00	INTERSECTION	N/A	ROUTE 0232 (FORT SPOKANE CAMPGROUND ENTRANCE ROAD)
0.00	0.00	ONE-WAY START	N/A	N/A
0.02	0.02	INTERSECTION	L	ROUTE 0232F (FORT SPOKANE CAMPGROUND LOOP F)
0.14	0.14	INTERSECTION	L	UNPAVED ROUTE
0.17	0.17	INTERSECTION	L	ROUTE 0232D (FORT SPOKANE CAMPGROUND LOOP D)
0.26	0.26	INTERSECTION	L	ROUTE 0232D (FORT SPOKANE CAMPGROUND LOOP D)
0.30	0.30	INTERSECTION	R	ROUTE 0232C (FORT SPOKANE CAMPGROUND LOOP C)
0.30	0.30	INTERSECTION	L	ROUTE 0232C (FORT SPOKANE CAMPGROUND LOOP C)
0.30	0.30	ONE-WAY END	N/A	N/A

# ROUTE 0232D: FORT SPOKANE CAMPGROUND LOOP D

FROM MILEPOST	TO MILEPOST	' FEATURE	SIDE	COMMENT
0.00	0.00	INTERSECTION	R	ROUTE 0232C (FORT SPOKANE CAMPGROUND LOOP C)
0.00	0.00	INTERSECTION	N/A	ROUTE 0232C (FORT SPOKANE CAMPGROUND LOOP C)
0.00	0.00	ONE-WAY START	N/A	N/A
0.15	0.15	ONE-WAY END	N/A	N/A
0.15	0.15	INTERSECTION	R	ROUTE 0232C (FORT SPOKANE CAMPGROUND LOOP C)
0.15	0.15	INTERSECTION	L	ROUTE 0232C (FORT SPOKANE CAMPGROUND LOOP C)

# ROUTE 0232E: FORT SPOKANE CAMPGROUND LOOP E

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.00	0.00	INTERSECTION	L	ROUTE 0232 (FORT SPOKANE CAMPGROUND ENTRANCE ROAD)
0.00	0.00	INTERSECTION	R	ROUTE 0232 (FORT SPOKANE CAMPGROUND ENTRANCE ROAD)
0.09	0.09	INTERSECTION	R	ROUTE 0232A (FORT SPOKANE CAMPGROUND LOOP A)
0.09	0.09	INTERSECTION	L	ROUTE 0232A (FORT SPOKANE CAMPGROUND LOOP A)

# LARO: Route Milepost Log

#### ROUTE 0232F: FORT SPOKANE CAMPGROUND LOOP F

FROM MILEPOST	TO T MILEPOST	FEATURE	SIDE	COMMENT
0.00	0.00	INTERSECTION	L	ROUTE 0232C (FORT SPOKANE CAMPGROUND LOOP C)
0.00	0.00	INTERSECTION	R	ROUTE 0232C (FORT SPOKANE CAMPGROUND LOOP C)
0.09	0.09	INTERSECTION	N/A	DEAD END

## **ROUTE 0233: HAWK CREEK CAMPGROUND LOOP**

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 0208 (HAWK CREEK CAMPGROUND ROAD)
0.00	0.00	INTERSECTION	L	ROUTE 0208 (HAWK CREEK CAMPGROUND ROAD)
0.03	0.03	INTERSECTION	L	ROUTE 0233 (HAWK CREEK CAMPGROUND LOOP)
0.04	0.04	INTERSECTION	L	SPUR TO 0233 (HAWK CREEK CAMPGROUND LOOP)
0.19	0.19	INTERSECTION	L	SPUR TO 0233 (HAWK CREEK CAMPGROUND LOOP)
0.21	0.21	ONE-WAY END	N/A	N/A
0.21	0.21	INTERSECTION	L	ROUTE 0233 (HAWK CREEK CAMPGROUND LOOP)
0.21	0.21	INTERSECTION	R	ROUTE 0233 (HAWK CREEK CAMPGROUND LOOP)

#### **ROUTE 0238: SPRING CANYON CAMPGROUND ROAD**

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.00	0.00	INTERSECTION	R	ROUTE 0201 (SPRING CANYON RV CAMPGROUND ROAD)
0.00	0.00	INTERSECTION	L	ROUTE 0201 (SPRING CANYON RV CAMPGROUND ROAD)
0.00	0.00	ONE-WAY START	N/A	N/A
0.02	0.02	INTERSECTION	L	SPUR TO 0201 (SPRING CANYON RV CAMPGROUND ROAD)
0.05	0.05	INTERSECTION	R	ROUTE 0238A (SPRING CANYON CAMPGROUND CONNECTOR A)
0.06	0.06	INTERSECTION	R	ROUTE 0238B (SPRING CANYON CAMPGROUND CONNECTOR B)
0.10	0.10	INTERSECTION	R	ROUTE 0238C (SPRING CANYON CAMPGROUND CONNECTOR C)
0.12	0.12	INTERSECTION	L	ROUTE 0964 (SPRING CANYON GROUPSITE #2 PARKING)
0.21	0.21	INTERSECTION	R	ROUTE 0238C (SPRING CANYON CAMPGROUND CONNECTOR C)
0.21	0.21	INTERSECTION	L	ROUTE 0238C (SPRING CANYON CAMPGROUND CONNECTOR C)
0.24	0.24	INTERSECTION	R	ROUTE 0238B (SPRING CANYON CAMPGROUND CONNECTOR B)
0.26	0.26	INTERSECTION	R	ROUTE 0238A (SPRING CANYON CAMPGROUND CONNECTOR A)
0.29	0.29	INTERSECTION	R	ROUTE 0201 (SPRING CANYON RV CAMPGROUND ROAD)
0.29	0.29	ONE-WAY END	N/A	N/A
0.29	0.29	INTERSECTION	L	ROUTE 0201 (SPRING CANYON RV CAMPGROUND ROAD)

# LARO: Route Milepost Log

### **ROUTE 0238A: SPRING CANYON CAMPGROUND CONNECTOR A**

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.00	0.00	INTERSECTION	R	ROUTE 0238 (SPRING CANYON CAMPGROUND ROAD)
0.00	0.00	INTERSECTION	L	ROUTE 0238 (SPRING CANYON CAMPGROUND ROAD)
0.04	0.04	INTERSECTION	R	ROUTE 0238 (SPRING CANYON CAMPGROUND ROAD)
0.04	0.04	INTERSECTION	L	ROUTE 0238 (SPRING CANYON CAMPGROUND ROAD)

# LARO: Route Milepost Log

#### **ROUTE 0238B: SPRING CANYON CAMPGROUND CONNECTOR B**

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.00	0.00	INTERSECTION	L	ROUTE 0238 (SPRING CANYON CAMPGROUND ROAD)
0.00	0.00	INTERSECTION	R	ROUTE 0238 (SPRING CANYON CAMPGROUND ROAD)
0.03	0.03	INTERSECTION	R	ROUTE 0238 (SPRING CANYON CAMPGROUND ROAD)
0.03	0.03	INTERSECTION	L	ROUTE 0238 (SPRING CANYON CAMPGROUND ROAD)

### **ROUTE 0238C: SPRING CANYON CAMPGROUND CONNECTOR C**

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.00	0.00	INTERSECTION	L	ROUTE 0238 (SPRING CANYON CAMPGROUND ROAD)
0.00	0.00	INTERSECTION	R	ROUTE 0238 (SPRING CANYON CAMPGROUND ROAD)
0.03	0.03	INTERSECTION	L	ROUTE 0238 (SPRING CANYON CAMPGROUND ROAD)
0.03	0.03	INTERSECTION	R	ROUTE 0238 (SPRING CANYON CAMPGROUND ROAD)
0.06	0.06	INTERSECTION	R	ROUTE 0200 (SPRING CANYON ROAD)
0.06	0.06	INTERSECTION	L	ROUTE 0200 (SPRING CANYON ROAD)

## **ROUTE 0239: KELLER FERRY CAMPGROUND LOOP**

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.00	0.00	INTERSECTION	L	ROUTE 0928 (KELLER FERRY PICNIC / CAMP AREA PARKING)
0.00	0.00	INTERSECTION	R	ROUTE 0202 (KELLER FERRY CAMPGROUND ROAD)
0.00	0.00	ONE-WAY START	N/A	N/A
0.01	0.01	INTERSECTION	L	ROUTE 0239 (KELLER FERRY CAMPGROUND LOOP)
0.16	0.16	ONE-WAY END	N/A	N/A
0.16	0.16	INTERSECTION	L	ROUTE 0239 (KELLER FERRY CAMPGROUND LOOP)
0.16	0.16	INTERSECTION	N/A	ROUTE 0239 (KELLER FERRY CAMPGROUND LOOP)

# **ROUTE 0240A: PORCUPINE BAY CAMPGROUND MAIN ROAD**

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.00	0.00	INTERSECTION	L	ROUTE 0209 (PORCUPINE BAY CAMPGROUND ROAD)
0.00	0.00	INTERSECTION	R	ROUTE 0209 (PORCUPINE BAY CAMPGROUND ROAD)
0.04	0.04	INTERSECTION	R	ROUTE 0240B (PORCUPINE BAY CAMPGROUND LOOP ROAD)
0.08	0.08	INTERSECTION	R	ROUTE 0240B (PORCUPINE BAY CAMPGROUND LOOP ROAD)
0.11	0.11	INTERSECTION	R	ROUTE 0932 (PORCUPINE BAY DAY USE PARKING)
0.17	0.17	INTERSECTION	R	ROUTE 0932 (PORCUPINE BAY DAY USE PARKING)
0.18	0.18	INTERSECTION	R	ROUTE 0933 (PORCUPINE BAY RV DUMP STATION PARKING)
0.19	0.19	INTERSECTION	R	ROUTE 0933 (PORCUPINE BAY RV DUMP STATION PARKING)
0.25	0.25	INTERSECTION	L	ROUTE 0209 (PORCUPINE BAY CAMPGROUND ROAD)
0.25	0.25	INTERSECTION	R	ROUTE 0209 (PORCUPINE BAY CAMPGROUND ROAD)

### **ROUTE 0240B: PORCUPINE BAY CAMPGROUND LOOP ROAD**

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 0240A (PORCUPINE BAY CAMPGROUND MAIN ROAD)
0.00	0.00	INTERSECTION	R	ROUTE 0240A (PORCUPINE BAY CAMPGROUND MAIN ROAD)
0.16	0.16	ONE-WAY END	N/A	N/A
0.16	0.16	INTERSECTION	L	ROUTE 0240A (PORCUPINE BAY CAMPGROUND MAIN ROAD)
0.16	0.16	INTERSECTION	R	ROUTE 0240A (PORCUPINE BAY CAMPGROUND MAIN ROAD)

## **ROUTE 0241: HUNTERS CAMPGROUND ROAD**

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.00	0.00	INTERSECTION	R	ROUTE 0242 (HUNTERS BOAT LAUNCH ACCESS ROAD)
0.00	0.00	ONE-WAY START	N/A	N/A
0.00	0.00	INTERSECTION	L	ROUTE 0242 (HUNTERS BOAT LAUNCH ACCESS ROAD)
0.05	0.05	INTERSECTION	L	ROUTE 0241A (HUNTERS CAMPGROUND CONNECTOR ROAD)
0.27	0.27	INTERSECTION	L	ROUTE 0241A (HUNTERS CAMPGROUND CONNECTOR ROAD)
0.33	0.33	ONE-WAY END	N/A	N/A
0.33	0.33	INTERSECTION	L	ROUTE 0242 (HUNTERS BOAT LAUNCH ACCESS ROAD)
0.33	0.33	INTERSECTION	R	ROUTE 0242 (HUNTERS BOAT LAUNCH ACCESS ROAD)

### **ROUTE 0241A: HUNTERS CAMPGROUND CONNECTOR ROAD**

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.00	0.00	INTERSECTION	L	ROUTE 0241 (HUNTERS CAMPGROUND ROAD)
0.00	0.00	INTERSECTION	R	ROUTE 0241 (HUNTERS CAMPGROUND ROAD)
0.00	0.00	ONE-WAY START	N/A	N/A
0.03	0.03	ONE-WAY END	N/A	N/A
0.03	0.03	INTERSECTION	L	ROUTE 0241 (HUNTERS CAMPGROUND ROAD)
0.03	0.03	INTERSECTION	R	ROUTE 0241 (HUNTERS CAMPGROUND ROAD)

# **ROUTE 0242: HUNTERS BOAT LAUNCH ACCESS ROAD**

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.00	0.00	INTERSECTION	N/A	ROUTE 0243 (HUNTERS GROUP CAMP LOOP)
0.00	0.00	INTERSECTION	R	ROUTE 0210 (HUNTERS CAMPGROUND ACCESS ROAD)
0.00	0.00	INTERSECTION	L	ROUTE 0210 (HUNTERS CAMPGROUND ACCESS ROAD)
0.03	0.03	INTERSECTION	L	ROUTE 0955 (HUNTERS RV DUMP STATION)
0.06	0.06	INTERSECTION	R	UNPAVED ROAD
0.18	0.18	INTERSECTION	L	ROUTE 0241 (HUNTERS CAMPGROUND ROAD)
0.22	0.22	INTERSECTION	L	ROUTE 0241 (HUNTERS CAMPGROUND ROAD)
0.35	0.35	INTERSECTION	L	ROUTE 0918B (HUNTERS BOAT LAUNCH AREA B PARKING)
0.37	0.37	INTERSECTION	L	ROUTE 0918B (HUNTERS BOAT LAUNCH AREA B PARKING)
0.40	0.40	INTERSECTION	L	ROUTE 0918B (HUNTERS BOAT LAUNCH AREA B PARKING)
0.45	0.45	INTERSECTION	L	ROUTE 0918A (HUNTERS BOAT LAUNCH AREA A PARKING)
0.51	0.51	INTERSECTION	N/A	ROUTE 0918A (HUNTERS BOAT LAUNCH AREA A PARKING)

# **ROUTE 0243: HUNTERS GROUP CAMP LOOP**

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.00	0.00	INTERSECTION	R	ROUTE 0210 (HUNTERS CAMPGROUND ACCESS ROAD)
0.00	0.00	INTERSECTION	L	ROUTE 0210 (HUNTERS CAMPGROUND ACCESS ROAD)
0.00	0.00	INTERSECTION	N/A	ROUTE 0242 (HUNTERS BOAT LAUNCH ACCESS ROAD)
0.04	0.04	INTERSECTION	L	ROUTE 0934AZ (HUNTERS GROUP CAMPGROUND PARKING A)
0.04	0.04	INTERSECTION	R	ROUTE 0934BZ (HUNTERS GROUP CAMPGROUND PARKING B)
0.07	0.07	INTERSECTION	L	ROUTE 0243 (HUNTERS GROUP CAMP LOOP)
0.07	0.07	INTERSECTION	R	ROUTE 0243 (HUNTERS GROUP CAMP LOOP)
0.13	0.13	INTERSECTION	L	ROUTE 0243 (HUNTERS GROUP CAMP LOOP)
0.13	0.13	INTERSECTION	R	ROUTE 0243 (HUNTERS GROUP CAMP LOOP)
0.14	0.14	INTERSECTION	R	ROUTE 0243 (HUNTERS GROUP CAMP LOOP)
0.21	0.21	INTERSECTION	R	ROUTE 0243 (HUNTERS GROUP CAMP LOOP)
0.21	0.21	INTERSECTION	L	ROUTE 0243 (HUNTERS GROUP CAMP LOOP)

# **ROUTE 0244A: GIFFORD CAMPGROUND ROAD**

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.00	0.00	INTERSECTION	R	ROUTE 0211 (GIFFORD CAMPGROUND ACCESS ROAD)
0.00	0.00	INTERSECTION	L	ROUTE 0211 (GIFFORD CAMPGROUND ACCESS ROAD)
0.01	0.01	INTERSECTION	R	ROUTE 0244B (GIFFORD CAMPGROUND LOOP B)
0.05	0.05	INTERSECTION	L	ROUTE 0244F (GIFFORD CAMPGROUND EXIT SPUR)
0.09	0.09	INTERSECTION	R	ROUTE 0244B (GIFFORD CAMPGROUND LOOP B)
0.12	0.12	INTERSECTION	R	ROUTE 0244C (GIFFORD CAMPGROUND LOOP C)
0.14	0.14	INTERSECTION	L	ROUTE 0959 (GIFFORD COMFORT STATION LOOP PARKING)
0.18	0.18	INTERSECTION	L	ROUTE 0959 (GIFFORD COMFORT STATION LOOP PARKING)
0.24	0.24	INTERSECTION	R	ROUTE 0244C (GIFFORD CAMPGROUND LOOP C)
0.26	0.26	INTERSECTION	L	ROUTE 0244E (GIFFORD CAMPGROUND LOOP E)
0.27	0.27	INTERSECTION	R	ROUTE 0244D (GIFFORD CAMPGROUND LOOP D)
0.30	0.30	INTERSECTION	R	ROUTE 0244D (GIFFORD CAMPGROUND LOOP D)
0.32	0.32	INTERSECTION	L	ROUTE 0244E (GIFFORD CAMPGROUND LOOP E)
0.33	0.33	INTERSECTION	N/A	GROUP SITE

# **ROUTE 0244B: GIFFORD CAMPGROUND LOOP B**

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 0244A (GIFFORD CAMPGROUND ROAD)
0.00	0.00	INTERSECTION	R	ROUTE 0244A (GIFFORD CAMPGROUND ROAD)
0.09	0.09	INTERSECTION	L	ROUTE 0244A (GIFFORD CAMPGROUND ROAD)
0.09	0.09	ONE-WAY END	N/A	N/A
0.09	0.09	INTERSECTION	R	ROUTE 0244A (GIFFORD CAMPGROUND ROAD)

# **ROUTE 0244C: GIFFORD CAMPGROUND LOOP C**

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.00	0.00	INTERSECTION	L	ROUTE 0244A (GIFFORD CAMPGROUND ROAD)
0.00	0.00	ONE-WAY START	N/A	N/A
0.00	0.00	INTERSECTION	R	ROUTE 0244A (GIFFORD CAMPGROUND ROAD)
0.15	0.15	INTERSECTION	L	ROUTE 0244A (GIFFORD CAMPGROUND ROAD)
0.15	0.15	ONE-WAY END	N/A	N/A
0.15	0.15	INTERSECTION	R	ROUTE 0244A (GIFFORD CAMPGROUND ROAD)

# **ROUTE 0244D: GIFFORD CAMPGROUND LOOP D**

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.00	0.00	INTERSECTION	L	ROUTE 0244A (GIFFORD CAMPGROUND ROAD)
0.00	0.00	INTERSECTION	R	ROUTE 0244A (GIFFORD CAMPGROUND ROAD)
0.00	0.00	ONE-WAY START	N/A	N/A
0.01	0.01	INTERSECTION	L	SPUR TO 0244A (GIFFORD CAMPGROUND ROAD)
0.09	0.09	INTERSECTION	R	ROUTE 0244A (GIFFORD CAMPGROUND ROAD)
0.09	0.09	ONE-WAY END	N/A	N/A
0.09	0.09	INTERSECTION	L	ROUTE 0244A (GIFFORD CAMPGROUND ROAD)

# **ROUTE 0244E: GIFFORD CAMPGROUND LOOP E**

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.00	0.00	INTERSECTION	R	ROUTE 0244A (GIFFORD CAMPGROUND ROAD)
0.00	0.00	INTERSECTION	L	ROUTE 0244A (GIFFORD CAMPGROUND ROAD)
0.00	0.00	ONE-WAY START	N/A	N/A
0.08	0.08	INTERSECTION	L	ROUTE 0244A (GIFFORD CAMPGROUND ROAD)
0.08	0.08	INTERSECTION	R	ROUTE 0244A (GIFFORD CAMPGROUND ROAD)
0.08	0.08	ONE-WAY END	N/A	N/A

## **ROUTE 0244F: GIFFORD CAMPGROUND EXIT SPUR**

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 0211 (GIFFORD CAMPGROUND ACCESS ROAD)
0.00	0.00	INTERSECTION	L	ROUTE 0211 (GIFFORD CAMPGROUND ACCESS ROAD)
0.02	0.02	INTERSECTION	R	ROUTE 0244A (GIFFORD CAMPGROUND ROAD)
0.02	0.02	INTERSECTION	L	ROUTE 0244A (GIFFORD CAMPGROUND ROAD)
0.02	0.02	ONE-WAY END	N/A	N/A

## **ROUTE 0246: SNAG COVE CAMPGROUND LOOP**

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.00	0.00	INTERSECTION	N/A	ROUTE 0944 (SNAG COVE CAMPGROUND AND BOAT LAUNCH PARKING)
0.00	0.00	ONE-WAY START	N/A	N/A
0.09	0.09	INTERSECTION	L	NORTHPORT FLAT CREEK ROAD
0.09	0.09	ONE-WAY END	N/A	N/A
0.09	0.09	INTERSECTION	R	NORTHPORT FLAT CREEK ROAD

## LARO: Route Milepost Log

## **ROUTE 0248: NORTH GORGE CAMPGROUND SPUR**

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.00	0.00	INTERSECTION	R	ROUTE 0214 (NORTH GORGE CAMPGROUND ROAD)
0.00	0.00	INTERSECTION	L	ROUTE 0214 (NORTH GORGE CAMPGROUND ROAD)
0.06	0.06	INTERSECTION	N/A	DEAD END

## **ROUTE 0249A: EVANS CAMPGROUND LOOP A**

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.00	0.00	INTERSECTION	L	ROUTE 0204 (EVANS CAMPGROUND ROAD)
0.00	0.00	INTERSECTION	R	ROUTE 0204 (EVANS CAMPGROUND ROAD)
0.02	0.02	INTERSECTION	R	ROUTE 0941 (EVANS BOAT LAUNCH PARKING)
0.19	0.19	INTERSECTION	R	ROUTE 0249B (EVANS CAMPGROUND LOOP B)
0.22	0.22	INTERSECTION	R	ROUTE 0204 (EVANS CAMPGROUND ROAD)
0.22	0.22	INTERSECTION	L	ROUTE 0204 (EVANS CAMPGROUND ROAD)

## **ROUTE 0249B: EVANS CAMPGROUND LOOP B**

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.00	0.00	INTERSECTION	R	ROUTE 0249A (EVANS CAMPGROUND LOOP A)
0.00	0.00	INTERSECTION	L	ROUTE 0249A (EVANS CAMPGROUND LOOP A)
0.00	0.00	ONE-WAY START	N/A	N/A
0.12	0.12	ONE-WAY END	N/A	N/A
0.12	0.12	INTERSECTION	R	ROUTE 0940 (EVANS DAY USE PARKING)
0.12	0.12	INTERSECTION	L	ROUTE 0940 (EVANS DAY USE PARKING)

## **ROUTE 0250: MARCUS ISLAND CAMPGROUND LOOP**

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.00	0.00	INTERSECTION	R	ROUTE 0213 (MARCUS ISLAND CAMPGROUND ENTRANCE ROAD)
0.00	0.00	ONE-WAY START	N/A	N/A
0.00	0.00	INTERSECTION	L	ROUTE 0213 (MARCUS ISLAND CAMPGROUND ENTRANCE ROAD)
0.11	0.11	ONE-WAY END	N/A	N/A
0.11	0.11	INTERSECTION	L	ROUTE 0213 (MARCUS ISLAND CAMPGROUND ENTRANCE ROAD)
0.11	0.11	INTERSECTION	R	ROUTE 0213 (MARCUS ISLAND CAMPGROUND ENTRANCE ROAD)

## **ROUTE 0251A: KETTLE FALLS CAMPGROUND LOOP 1**

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.00	0.00	INTERSECTION	R	ROUTE 0207 (KETTLE FALLS CAMPGROUND ROAD)
0.00	0.00	INTERSECTION	L	ROUTE 0207 (KETTLE FALLS CAMPGROUND ROAD)
0.00	0.00	ONE-WAY START	N/A	N/A
0.18	0.18	INTERSECTION	R	ROUTE 0207 (KETTLE FALLS CAMPGROUND ROAD)
0.18	0.18	INTERSECTION	L	ROUTE 0207 (KETTLE FALLS CAMPGROUND ROAD)
0.18	0.18	ONE-WAY END	N/A	N/A

## **ROUTE 0251B: KETTLE FALLS CAMPGROUND LOOP 2**

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.00	0.00	INTERSECTION	L	ROUTE 0207 (KETTLE FALLS CAMPGROUND ROAD)
0.00	0.00	ONE-WAY START	N/A	N/A
0.00	0.00	INTERSECTION	R	ROUTE 0207 (KETTLE FALLS CAMPGROUND ROAD)
0.01	0.01	INTERSECTION	R	UNPAVED AMPHITHEATER PARKING
0.21	0.21	ONE-WAY END	N/A	N/A
0.21	0.21	INTERSECTION	R	ROUTE 0207 (KETTLE FALLS CAMPGROUND ROAD)
0.21	0.21	INTERSECTION	L	ROUTE 0207 (KETTLE FALLS CAMPGROUND ROAD)

## **ROUTE 0251C: KETTLE FALLS CAMPGROUND LOOP 3**

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.00	0.00	INTERSECTION	L	ROUTE 0207 (KETTLE FALLS CAMPGROUND ROAD)
0.00	0.00	ONE-WAY START	N/A	N/A
0.00	0.00	INTERSECTION	R	ROUTE 0207 (KETTLE FALLS CAMPGROUND ROAD)
0.24	0.24	INTERSECTION	R	ROUTE 0207 (KETTLE FALLS CAMPGROUND ROAD)
0.24	0.24	INTERSECTION	L	ROUTE 0207 (KETTLE FALLS CAMPGROUND ROAD)
0.24	0.24	ONE-WAY END	N/A	N/A

## ROUTE 0252: KETTLE FALLS LOCUST GROVE GROUP CAMPGROUND ROAD

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.00	0.00	INTERSECTION	R	ROUTE 0100 (KETTLE FALLS ENTRANCE ROAD)
0.00	0.00	INTERSECTION	L	ROUTE 0100 (KETTLE FALLS ENTRANCE ROAD)
0.00	0.00	INTERSECTION	N/A	WASHINGTON STREET (RV PARK ROAD)
0.17	0.17	INTERSECTION	L	UNPAVED ROAD TO PARVILLION
0.19	0.19	INTERSECTION	R	ROUTE 0253 (KETTLE FALLS LIONS ISLAND SPUR)
0.30	0.30	INTERSECTION	N/A	DEAD END

## LARO: Route Milepost Log

## **ROUTE 0253: KETTLE FALLS LIONS ISLAND SPUR**

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.00	0.00	INTERSECTION	N/A	ROUTE 0252 (KETTLE FALLS LOCUST GROVE GROUP CAMPGROUND ROAD)
0.00	0.00	INTERSECTION	R	ROUTE 0252 (KETTLE FALLS LOCUST GROVE GROUP CAMPGROUND ROAD)
0.14	0.14	INTERSECTION	N/A	ROUTE 0253 (KETTLE FALLS LIONS ISLAND SPUR) UNPAVED SECTION

## LARO: Route Milepost Log

## **ROUTE 0255: KETTLE FALLS FACILITIES ROAD**

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.00	0.00	INTERSECTION	L	ROUTE 0207 (KETTLE FALLS CAMPGROUND ROAD)
0.00	0.00	INTERSECTION	R	ROUTE 0207 (KETTLE FALLS CAMPGROUND ROAD)
0.02	0.02	INTERSECTION	R	ROUTE 0400 (KETTLE FALLS SERVICE / HOUSING ROAD (RIVERSIDE AVENUE))
0.05	0.05	INTERSECTION	R	ROUTE 0913BZ (KETTLE FALLS FACILITIES PARKING B)
0.05	0.05	INTERSECTION	L	ROUTE 0913CZ (KETTLE FALLS FACILITIES PARKING C)
0.06	0.06	INTERSECTION	N/A	ROUTE 0913AZ (KETTLE FALLS FACILITIES PARKING A)

## **ROUTE 0256: KETTLE FALLS SERVICE ACCESS ROAD**

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.00	0.00	INTERSECTION	N/A	BOISE ROAD
0.00	0.00	INTERSECTION	R	BOISE ROAD
0.05	0.05	INTERSECTION	R	SAW MILL ROAD
0.11	0.11	INTERSECTION	R	ROUTE 0400 (KETTLE FALLS SERVICE / HOUSING ROAD (RIVERSIDE AVENUE))
0.11	0.11	INTERSECTION	L	ROUTE 0400 (KETTLE FALLS SERVICE / HOUSING ROAD (RIVERSIDE AVENUE))
0.12	0.12	INTERSECTION	L	ROUTE 0256 (KETTLE FALLS SERVICE ACCESS ROAD)
0.21	0.21	INTERSECTION	L	ROUTE 0256 (KETTLE FALLS SERVICE ACCESS ROAD)
0.21	0.21	INTERSECTION	N/A	ROUTE 0256 (KETTLE FALLS SERVICE ACCESS ROAD)

## **ROUTE 0259: BRADBURY DAY USE ACCESS ROAD**

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.00	0.00	INTERSECTION	L	ROUTE 0212 (BRADBURY DAY USE AREA ROAD)
0.00	0.00	INTERSECTION	R	ROUTE 0212 (BRADBURY DAY USE AREA ROAD)
0.02	0.02	INTERSECTION	L	ROUTE 0937AZ (BRADBURY BEACH BOAT LAUNCH PARKING A)
0.08	0.08	INTERSECTION	L	ROUTE 0937AZ (BRADBURY BEACH BOAT LAUNCH PARKING A)
0.17	0.17	INTERSECTION	N/A	ROUTE 0937BZ (BRADBURY BEACH BOAT LAUNCH PARKING B)

## LARO: Route Milepost Log

## **ROUTE 0260: KELLER FERRY FLOATING DOCK HOUSE ROAD**

FROM MILEPOS	TO ST MILEPO	OST FEATURE	SIDE	COMMENT
0.00	0.00	INTERSECTION	N/A	ROUTE 0957 (KELLER FERRY HOUSEBOAT PARKING LOT)
0.09	0.09	INTERSECTION	N/A	ROUTE 0957 (KELLER FERRY HOUSEBOAT PARKING LOT)

## **ROUTE 0400: KETTLE FALLS SERVICE / HOUSING ROAD (RIVERSIDE AVENUE)**

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.00	0.00	INTERSECTION	L	ROUTE 0255 (KETTLE FALLS FACILITIES ROAD)
0.00	0.00	INTERSECTION	R	ROUTE 0255 (KETTLE FALLS FACILITIES ROAD)
0.08	0.08	INTERSECTION	R	PAVED TURN AROUND
0.09	0.09	INTERSECTION	R	PAVED TURN AROUND
0.24	0.24	INTERSECTION	L	ROUTE 0256 (KETTLE FALLS SERVICE ACCESS ROAD)
0.24	0.24	INTERSECTION	N/A	ROUTE 0400 (KETTLE FALLS SERVICE / HOUSING ROAD (RIVERSIDE AVENUE)) UNPAVED SECTION
0.24	0.24	INTERSECTION	R	ROUTE 0256 (KETTLE FALLS SERVICE ACCESS ROAD)

## LARO: Route Milepost Log

## **ROUTE 0401: SPRING CANYON SERVICE / HOUSING ROAD**

FROM MILEPOST	TO T MILEPOST	FEATURE	SIDE	COMMENT
0.00	0.00	INTERSECTION	L	ROUTE 0200 (SPRING CANYON ROAD)
0.00	0.00	INTERSECTION	R	ROUTE 0200 (SPRING CANYON ROAD)
0.09	0.09	INTERSECTION	N/A	ROUTE 0901 (SPRING CANYON HOUSING PARKING)

## Section 8 Appendix



## Lake Roosevelt National Recreation Area



### 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.

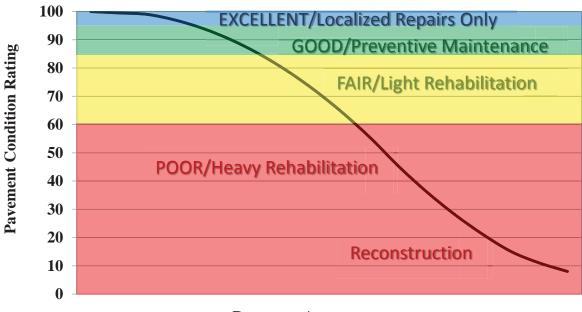
This "Distress Identification Manual for the NPS Road Inventory Program, Cycle 6, 2014-2020" will be used as a reference resource in crack detection and classification, determination of distress severity and extent, and in the calculation of distress index values for the FHWA RIP Cycle 6.

### **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**

#### **Pavement Age**

### **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 ultrathin 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** (4**R**) 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:

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

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

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.

<u>Note:</u> 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 CrackingLinear feetNumber 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 / PotholesSquare FeetPercent of Lane Pe 0.02 Mile		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	CRACK PATTERN			
	SEVERITY	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**

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

#### Where:

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

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

Percent of total area is computed as:

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

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

#### **Longitudinal Crack Index**

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

#### Where:

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

length of respective longitudinal cracking (0.02 mile)\*(105.6 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:

Total length of transverse cracks Lane width

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

#### **Patching Index**

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

#### Where:

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

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

Percent of total area is computed as:

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

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

There are no severity levels for patching. It either exists or does not. In PATCH\_INDEX, the denominator 80 is the Maximum Allowable Extent (MAE) for each severity. In other words, we will allow up to 80% patching for a 0.02 interval before failure. As you can see, if patching/potholes reaches MAE the resulting index value is 60, or failure.

#### **Rutting Index**

#### **RUT\_INDEX** = 100 - 40 \* [(% LOW / 535) + (% MED / 205) + (% HI / 40)]

#### Where:

20 rut depth measurements are taken per 0.02 interval for each of 2 wheel paths (left and right), resulting in a total of 40 measurements taken for both wheel paths. Each wheelpath is analyzed independently for rut severities. The values %LOW, %MED and %HI 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:

#### (total number of ruts within each severity in both wheelpaths) 20 × 100

In RUT\_INDEX, the denominators 535, 205, and 40 are the Maximum Allowable Extents for each severity; 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)**

$$\mathbf{RCI} = 32 * [5 * (2.718282^{(-.0041 * AVG IRI)})]$$

#### Where:

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

Average IRI is computed as:

(Left wheelpath IRI) + (Right wheelpath IRI) 2

There is no applicable threshold for failure for this index.

#### **Roughness Condition Index (Concrete)**

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

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		
	Aperture Range F 1.8 – Infinity (P-Iris,		
Iris range	Automatic		

#### **Pavement Imaging and Rutting**

High resolution rutting data and surface imaging are collected in a single data stream using a threedimensional (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.

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			
<b>Rutting Specifications</b>				
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)			

# THREE-DIMENSIONAL

#### **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	$\pm 1.75\%$			
Grade	$\pm 1.75\%$			
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
  - o Rating based on percentage of road surface affected
- Longitudinal Cracking
  - o Rating based on severity level (crack width) and percentage of road section length of longitudinal cracks
- Transverse Cracking
  - o Rating based on crack width, crack spacing, and percentage of surface affected
- Patching
  - o Rating based on percentage of road surface affected
- Rutting
  - o Rating based on percentage of road section length affected by visible rutting (>1 inch depth) that requires remediation
- Roughness
  - o 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 is 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 whereone transverse crack is equal to the lane width and the crack width <= 0.25 inchesHIGH = Count of the total number of transverse cracks within the section length whereone 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:**

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

#### Where:

**%PATCHING** = Percentage of pavement section that contains patching/potholes.

#### **Rutting Index for Manual Rating:**

**RUT\_INDEX** = 100 - 40 \* (% 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
  - o Rating based on percentage of road surface affected
- Longitudinal, Transverse and Block cracking
  - o Rating based on crack width, crack spacing, and percentage of surface affected
- Rutting and Distortions
  - o Rating based on percentage of road surface affected
- Hot Mix Asphalt Patches
  - o Rating based on overall percentage of HMA patches
- Potholes and Cold Patches
  - o Rating based on percentage of road surface affected
- Surface Raveling and Bleeding
  - o Rating based on percentage of road surface affected

#### **Concrete Parking Distress Types**

- Slab Faulting at Joints
  - o Rating based on height differential between adjacent slabs or pieces of broken slabs
- Slab Cracking and breakup
  - o Rating based on quantity of cracks and if slab is acting to able distribute load as designed
- Surface Delamination and Pop-outs
  - o Rating based on percentage of road surface affected to include pop-outs, spalls and surface delamination
- Joint Distresses
  - o Rating based on sealant condition and concrete distresses at/or adjacent to joints
- Patching
  - o 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%: o DO NOTHING
- Overall curb damage ranging 5%-20% o LIGHT REPAIR
- Overall curb damage ranging 20%-50% o MODERATE REPAIR
- Overall curb damage greater than 50%: o 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 <sup>™</sup> 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 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.
  - o GPS will be provided as Shapefiles and KMLs
  - o All GPS data related to road collection with 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 programing 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**

<b>Glossary of Term</b>	s and Abbreviations
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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
НРМА	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
РАТСН	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