GUIS
Cycle 6

Final Report

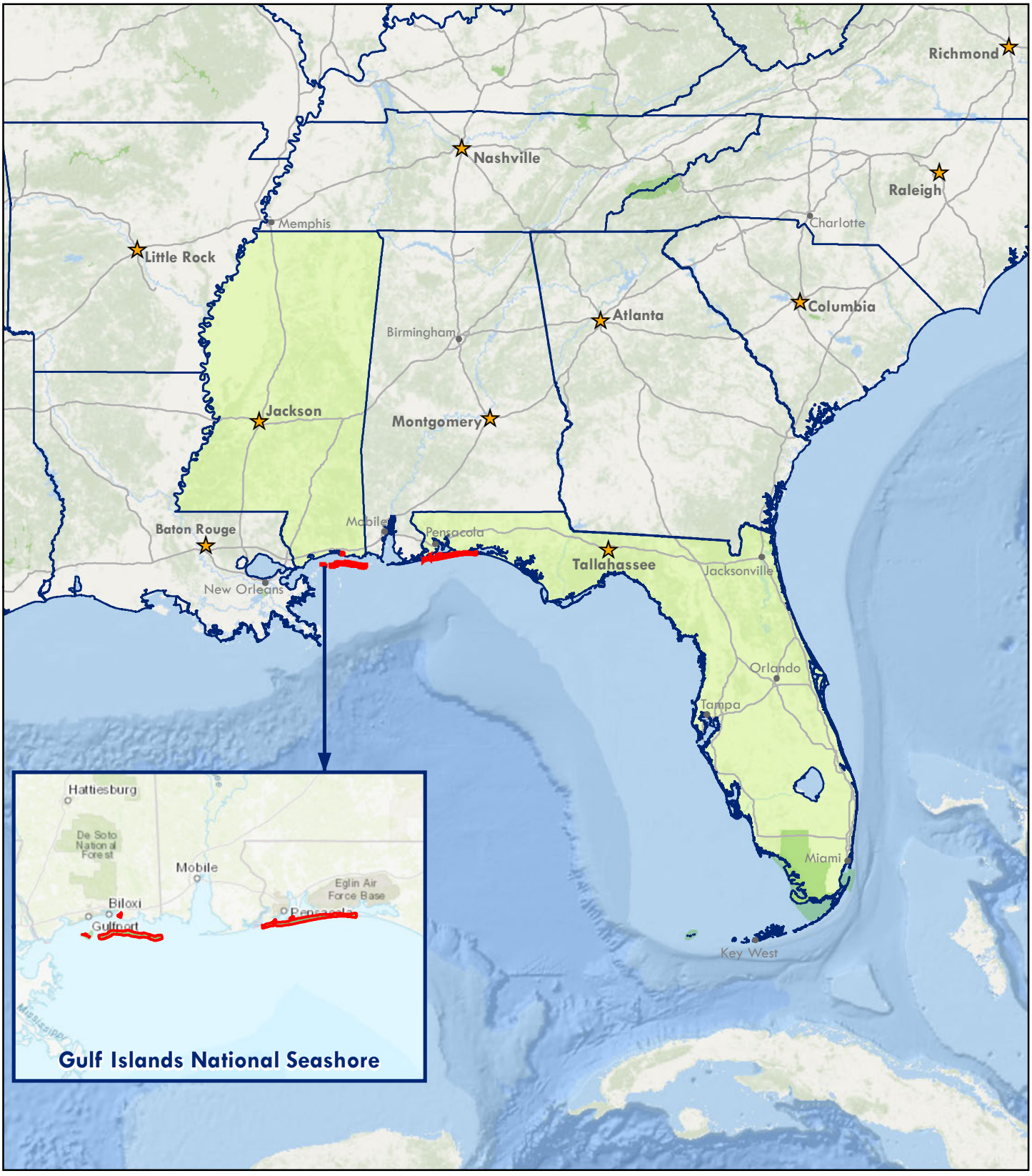
Road Inventory and Condition Assessment of Paved Routes
Gulf Islands National Seashore

Federal Lands Highway
Road Inventory Program

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

Report Date: October 2020

Gulf Islands National Seashore
in
Florida and Mississippi



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Introduction

Gulf Islands National Seashore

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Introduction

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

A History of the Road Inventory Program:

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

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

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

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

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

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

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

A History of the Pavement Management System:

In 2005, the FHWA began implementing the use of a pavement management system to assist the NPS in prioritizing Pavement Maintenance and Rehabilitation activities. The system used by FHWA is the Highway Pavement Management Application (HPMA), which has the ability to store inventory and condition data from RIP and forecast future performance using prediction models. Outputs include performance and condition reports at the National, Regional, Park, or Route level. Regional prioritized lists and optimizations have been produced for most regions, and the Service's overall roadway Deferred Maintenance is calculated via the HPMA.

Overview of Cycle 6:

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

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

Respectfully,

FHWA RIP Team

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Section 2
Park Route Inventory

Gulf Islands National Seashore

Federal Lands Highway
Road Inventory Program

Report Date: 10/12/2020

Cycle 6 NPS / RIP Route ID Report

(Numerical By Summary Route and Subcomponent #)

Federal Lands Highway
Road Inventory Program

Shading Color Key

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GUIS Gulf Islands National Seashore

ROAD INVENTORY (1100 SERIES FMSS LOCATIONS)

Route No.	Cycle Collected	Iteration Collected	FMSS Number	Concession	Route Name	Route Description From	Route Description To	Maintenance District	FLTP	Paved Miles	Unpaved Miles	Total Mileage	Functional Class	Area (SQ FT)	Surf. Type	Area Map
0011	6	2	59498		J. EARLE BOWDEN WAY / STATE HIGHWAY 399	FROM STATE HIGHWAY 399 (GULF BOULEVARD) AT WEST PARK BOUNDARY	TO STATE HIGHWAY 399 (GULF BOULEVARD) AT EAST PARK BOUNDARY	SANTA ROSA	YES	7.29	0.00	7.29	1		AS	5
0012	6	2	59617		FORT PICKENS ROAD	FROM EAST PARK BOUNDARY ON FORT PICKENS ROAD	TO ROUTE 0500 (FORT PICKENS LOOP ROAD)	FORT PICKENS	YES	7.22	0.00	7.22	1		AS	3
0013	6	2	59556		JOHNSON BEACH ROAD	FROM PARK BOUNDARY ON JOHNSON BEACH ROAD	TO END OF LOOP	PERDIDO KEY	YES	2.48	0.00	2.48	1		AS	2
0015	6	2	59709		PARK ROAD	FROM U.S. HIGHWAY 90 (BIENVILLE BOULEVARD)	TO ROUTE 0904 (DAVIS BAYOU VISITOR CENTER PARKING)	DAVIS BAYOU	YES	2.17	0.00	2.17	1		AS	1
0016	6	2	71274		ROBERT MCGEE ROAD	FROM ROUTE 0015 (PARK ROAD) AT MP 1.68 ON RIGHT	TO END OF LOOP	DAVIS BAYOU	YES	0.82	0.00	0.82	1		AS	1
0017	6	2	113821		GOLLOTT ROAD	FROM ROUTE 0015 (PARK ROAD) AT MP 1.39 ON LEFT	TO END	DAVIS BAYOU	YES	0.60	0.00	0.60	1		AS	1
0100	6	2	71280		LANGDON BEACH ACCESS ROAD	FROM ROUTE 0012 (FORT PICKENS ROAD) AT MP 5.06 ON LEFT	TO ROUTE 0012 (FORT PICKENS ROAD) AT MP 4.82 ON LEFT	FORT PICKENS	YES	0.33	0.00	0.33	3		AS	3
0102	6	2	71290		EAGLE POINT ROAD	FROM ROUTE 0015 (PARK ROAD) AT MP 2.02 ON LEFT	TO SOUTH PARK BOUNDARY AT PAVEMENT CHANGE	DAVIS BAYOU	YES	0.06	0.00	0.06	1		AS	1
0103	6	2	71295		BOAT LAUNCH ROAD	FROM ROUTE 0016 (ROBERT MCGEE ROAD) AT MP 0.46 ON LEFT	TO END OF LOOP	DAVIS BAYOU	YES	0.19	0.00	0.19	3		AS	1
0200	6	2	72675		NATURE TRAIL ACCESS ROAD	FROM ROUTE 0013 (JOHNSON BEACH ROAD) AT MP 0.38 ON LEFT	TO ROUTE 0935 (NATURE TRAIL PARKING)	PERDIDO KEY	YES	0.15	0.00	0.15	3		AS	2
0201ZZ	6	2	72738		FORT PICKENS CAMPGROUND LOOPS B-E	FROM ROUTE 0012 (FORT PICKENS ROAD)	THROUGH CAMPGROUND	FORT PICKENS	YES	1.37	0.00	1.37	3		AS	3

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Route No.	Cycle Collected	Iteration Collected	FMSS Number	Concession	Route Name	Route Description From	Route Description To	Maintenance District	FLTP	Paved Miles	Unpaved Miles	Total Mileage	Functional Class	Area (SQ FT)	Surf. Type	Area Map
0202	6	2	72742		FORT PICKENS CAMPGROUND MAIN LOOP A	FROM ROUTE 0012 (FORT PICKENS ROAD) AT MP 5.49 ON RIGHT	TO END OF LOOP	FORT PICKENS	YES	0.34	0.00	0.34	3		AS	3
0206ZZ	6	2	72686		DAVIS BAYOU CAMPGROUND ROADS	FROM ROUTE 0016 (ROBERT MCGEE ROAD)	THROUGH CAMPGROUND	DAVIS BAYOU	YES	0.43	0.00	0.43	3		AS	1
0207	6	2	72679		HEADQUARTERS AND VISITOR CENTER ACCESS ROAD	FROM ROUTE 5000 (U.S. HIGHWAY 98) AT MP 1.34 ON RIGHT	TO ROUTE 5000 (U.S. HIGHWAY 98) AT MP 1.6 ON RIGHT	NAVAL LIVE OAKS	YES	0.44	0.00	0.44	3		AS	4
0210	6	2	56650		NAVAL LIVE OAKS ROAD	FROM ROUTE 5000 (U.S. HIGHWAY 98) AT MP 0.89 ON LEFT	TO ROUTE 0922 (NAVAL LIVE OAKS GROUP CAMPING AREA PARKING)	NAVAL LIVE OAKS	YES	0.40	0.00	0.40	3		AS	4
0211	6	2	59042		OKALOOSA WEST ACCESS ROAD	FROM U.S. HIGHWAY 98 (MIRACLE STRIP PARKWAY)	TO DEAD END AND ROUTE 0937 (OKALOOSA BOAT LAUNCH PARKING) ON RIGHT	OKALOOSA	YES	0.14	0.00	0.14	3		AS	6
0212	6	2	116836		OPAL BEACH ROAD	FROM ROUTE 0011 (J. EARLE BOWDEN WAY / STATE HIGHWAY 399) AT MP 4.26 ON RIGHT	TO ROUTE 0928 (OPAL BEACH PARKING #5)	SANTA ROSA	YES	0.33	0.00	0.33	3		AS	5
0400	6	2	104213		YACC ACCESS ROAD	FROM ROUTE 0012 (FORT PICKENS ROAD) AT MP 4.95 ON RIGHT	TO END OF PARKING AREA	FORT PICKENS	NO	0.00	0.16	0.16	4		GR	3
0401	6	2	102968		FORT PICKENS DISTRICT OFFICE ROAD	FROM ROUTE 0012 (FORT PICKENS ROAD) AT MP 7.14 ON LEFT	TO END OF PAVEMENT	FORT PICKENS	YES	0.11	0.00	0.11	5		AS	3
0402	6	2	102969		FORT PICKENS SERVICE ROAD	FROM ROUTE 0012 (FORT PICKENS ROAD) AT MP 7.14 ON RIGHT	TO ROUTE 0500 (FORT PICKENS LOOP ROAD)	FORT PICKENS	YES	0.14	0.00	0.14	5		AS	3
0405	6	2	72684		VFW ROAD	FROM ROUTE 0015 (PARK ROAD) AT MP 1.07 ON LEFT	TO PARK BOUNDARY AT T-INTERSECTION KNAPP ROAD (NON NPS)	DAVIS BAYOU	YES	0.09	0.00	0.09	2		AS	1

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0406	6	2	113828		GOVERNMENT BOAT DOCK ROAD	FROM ROUTE 0015 (PARK ROAD) AT MP 2.13 ON LEFT	TO ROUTE 0905 (GOVERNMENT BOAT DOCK PARKING)	DAVIS BAYOU	YES	0.13	0.00	0.13	5		AS	1
0407	6	2	72681		YCC ACCESS ROAD (CARPENTER SHOP ROAD)	FROM ROUTE 0400 (YACC ACCESS ROAD)	TO ROUTE 0960 (CARPENTER SHOP PARKING)	FORT PICKENS	NO	0.00	0.17	0.17	5		GR	3
0408	6	2	81801		FORT PICKENS GROUP CAMPING ACCESS ROAD	FROM ROUTE 0012 (FORT PICKENS ROAD) AT MP 5.21 ON RIGHT	TO FORT PICKENS GROUP CAMP AREA	FORT PICKENS	NO	0.00	0.21	0.21	4		GR	3
0409	6	2	227905		CEDAR POINT CAMPUS ROAD	FROM ROUTE 0015 (PARK ROAD) AT MP 1.29 ON LEFT	TO PARK BOUNDARY	DAVIS BAYOU	YES	0.04	0.00	0.04	2		AS	1
0410	6	2	241758		YATES HOUSE COMPOUND ROAD	FROM EAGLE POINT ROAD / NON NPS AT PARK BOUNDARY	TO STORAGE AREA	DAVIS BAYOU	NO	0.08	0.00	0.08	6		AS	1
0500	6	2	72128		FORT PICKENS LOOP ROAD	FROM ROUTE 0012 (FORT PICKENS ROAD) AT MP 7.21 (EAST SIDE)	TO ROUTE 0012 (FORT PICKENS ROAD) AT MP 7.21 (WEST SIDE)	FORT PICKENS	YES	1.03	0.00	1.03	1		AS	3
0501	6	2	72683		BATTERY 234 LOOP ROAD	FROM ROUTE 0012 (FORT PICKENS ROAD) AT MP 6.50 ON LEFT	TO ROUTE 0012 (FORT PICKENS ROAD) AT MP 6.07 ON LEFT	FORT PICKENS	YES	0.62	0.00	0.62	3		AS	3

NON-NPS ROADS INVENTORY

Route No.	Cycle Collected	Iteration Collected	FMSS Number	Concession	Route Name	Route Description From	Route Description To	Maintenance District	FLTP	Paved Miles	Unpaved Miles	Total Mileage	Functional Class	Area (SQ FT)	Surf. Type	Area Map
5000	4	1			U.S. HIGHWAY 98	FROM WEST PARK BOUNDARY ON U.S. HIGHWAY 98 (GULF BREEZE PARKWAY)	TO EAST PARK BOUNDARY ON U.S. HIGHWAY 98 (GULF BREEZE PARKWAY)	NAVAL LIVE OAKS	NO	2.33	0.00	2.33			AS	4

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GUIS *Gulf Islands National Seashore*

PARKING AREA INVENTORY (1300 SERIES FMSS LOCATIONS)

Route No.	Cycle Collected	Iteration Collected	FMSS Number	Concession	Route Name	Route Description From	Route Description To	Maintenance District	FLTP	Access Level	Area (SQ FT)	Surf. Type	Area Map
0902	6	2	72695		DAVIS BAYOU BOAT LAUNCH PARKING	FROM ROUTE 0103 (BOAT LAUNCH ROAD) AT MP 0.16 ON RIGHT	TO ROUTE 0956 (DAVIS BAYOU BOAT LAUNCH UNPAVED PARKING)	DAVIS BAYOU	YES	PUBLIC	14,542	AS	1
0903	6	2	72700		DAVIS BAYOU MAINTENANCE PARKING	FROM ROUTE 0016 (ROBERT MCGEE ROAD) AT MP 0.13 ON RIGHT	TO PARKING	DAVIS BAYOU	NO	NONPUBLIC	57,802	AS	1
0904	6	2	72702		DAVIS BAYOU VISITOR CENTER PARKING	FROM END OF ROUTE 0015 (PARK ROAD)	TO ROUTE 0015 (PARK ROAD)	DAVIS BAYOU	YES	PUBLIC	98,742	AS	1
0905	6	2	72704		GOVERNMENT BOAT DOCK PARKING	FROM END OF ROUTE 0406 (GOVERNMENT BOAT DOCK ROAD)	TO BOAT DOCK	DAVIS BAYOU	NO	NONPUBLIC	14,520	CO	1
0906	6	2	72706		ROSAMOND JOHNSON BEACH ACCESS PARKING	FROM INTERSECTION OF ROUTE 0013 (JOHNSON BEACH ROAD) AND ROUTE 0200 (NATURE TRAIL ACCESS ROAD)	TO PARKING	PERDIDO KEY	YES	PUBLIC	153,249	AS	2
0907ZZ	6	2	72708		FORT PICKENS DISTRICT PARKING	FROM ROUTE 0012 (FORT PICKENS ROAD) ON LEFT AND RIGHT	TO ROUTE 0500 (FORT PICKENS LOOP ROAD) AND 0401 (FORT PICKENS DISTRICT OFFICE ROAD)	FORT PICKENS	YES	PUBLIC	24,567	AS	3
0908	6	2	72710		FORT PICKENS PARKING	FROM ROUTE 0500 (FORT PICKENS LOOP ROAD) AT MP 0.3 ON RIGHT	TO END OF ROUTE 0012 (FORT PICKENS ROAD)	FORT PICKENS	YES	PUBLIC	58,973	AS	3
0909	6	2	72711		BATTERY TRUEMAN PARKING	ADJACENT TO ROUTE 0500 (FORT PICKENS LOOP ROAD) AT MP 0.63 ON LEFT		FORT PICKENS	YES	PUBLIC	3,381	AS	3
0910	6	2	72714		JETTIES RESTROOM PARKING	ADJACENT TO ROUTE 0500 (FORT PICKENS LOOP ROAD) AT MP 0.7 ON LEFT		FORT PICKENS	YES	PUBLIC	2,583	AS	3
0911	6	2	72717		BATTERY PAYNE PARKING	ADJACENT TO ROUTE 0500 (FORT PICKENS LOOP ROAD) AT MP 0.89 ON RIGHT		FORT PICKENS	YES	PUBLIC	3,842	AS	3
0912	6	2	72720		GRAVES PARKING	FROM ROUTE 0012 (FORT PICKENS ROAD) AT MP 6.47 ON RIGHT	TO ROUTE 0012 (FORT PICKENS ROAD) AT MP 6.52 ON RIGHT	FORT PICKENS	YES	PUBLIC	5,188	AS	3
0913	6	2	72722		BATTERY 234 PARKING	ADJACENT TO ROUTE 0501 (BATTERY 234 LOOP ROAD) AT MP 0.24 ON LEFT		FORT PICKENS	YES	PUBLIC	3,603	AS	3

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Route No.	Cycle Collected	Iteration Collected	FMSS Number	Concession	Route Name	Route Description From	Route Description To	Maintenance District	FLTP	Access Level	Area (SQ FT)	Surf. Type	Area Map
0914	6	2	72728		BATTERY COOPER PARKING	ADJACENT TO ROUTE 0501 (BATTERY 234 LOOP ROAD) AT MP 0.4 ON LEFT		FORT PICKENS	YES	PUBLIC	3,366	AS	3
0915	6	2	72731		BATTERY WORTH PICNIC ACCESS AND PARKING	FROM INTERSECTION OF ROUTE 0012 (FORT PICKENS ROAD) AND ROUTE 0501 (BATTERY 234 LOOP ROAD)	TO PARKING	FORT PICKENS	YES	PUBLIC	76,684	AS	3
0916	6	2	79900		CAMPGROUND STORE PARKING	FROM ROUTE 0012 (FORT PICKENS ROAD) AT MP 5.84 ON RIGHT	TO ROUTE 0201ZZ (FORT PICKENS CAMPGROUND LOOPS B-E)	FORT PICKENS	YES	PUBLIC	12,633	AS	3
0918ZZ	6	2	72745		LANGDON BEACH PARKING	ADJACENT TO ROUTE 0100 (LANGDON BEACH ACCESS ROAD) ON RIGHT AND LEFT		FORT PICKENS	YES	PUBLIC	19,313	AS	3
0919	6	2	72748		CAMPGROUND REGISTRATION / RANGER STATION COMPLEX PARKING	FROM ROUTE 0012 (FORT PICKENS ROAD) AT MP 4.59 ON RIGHT	TO ROUTE 0012 (FORT PICKENS ROAD) AT MP 4.73 ON RIGHT	FORT PICKENS	YES	PUBLIC	43,849	AS	3
0920	6	2	72756		PUBLIC BEACH PARKING #22	FROM ROUTE 0012 (FORT PICKENS ROAD) AT MP 3.74 ON LEFT	TO ROUTE 0012 (FORT PICKENS ROAD)	FORT PICKENS	YES	PUBLIC	14,640	AS	3
0921	6	2	72766		PUBLIC BEACH PARKING #21	FROM ROUTE 0012 (FORT PICKENS ROAD) AT MP 1.66 ON LEFT	TO ROUTE 0012 (FORT PICKENS ROAD) AT MP 1.76 ON LEFT	FORT PICKENS	YES	PUBLIC	22,366	AS	3
0922	6	2	72773		NAVAL LIVE OAKS GROUP CAMPING AREA PARKING	FROM END OF ROUTE 0210 (NAVAL LIVE OAKS ROAD)	TO PARKING	NAVAL LIVE OAKS	YES	PUBLIC	13,821	AS	4
0923	6	2	72781		NAVAL LIVE OAKS NORTH PARKING	FROM ROUTE 0210 (NAVAL LIVE OAKS ROAD) AT MP 0.18 ON RIGHT	TO ROUTE 0924 (NAVAL LIVE OAKS MAINTENANCE COMPLEX PARKING)	NAVAL LIVE OAKS	YES	PUBLIC	18,787	AS	4
0924	6	2	72783		NAVAL LIVE OAKS MAINTENANCE COMPLEX PARKING	FROM ROUTE 0923 (NAVAL LIVE OAKS NORTH PARKING)	TO PARKING	NAVAL LIVE OAKS	NO	NONPUBLIC	48,595	AS	4
0925ZZ	6	2	72784		HEADQUARTERS & VISITORS CENTER PARKING	FROM ROUTE 0207 (HEADQUARTERS AND VISITOR CENTER ACCESS ROAD) ON RIGHT AND LEFT	TO PARKING	NAVAL LIVE OAKS	YES	PUBLIC	58,753	AS	4

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Route No.	Cycle Collected	Iteration Collected	FMSS Number	Concession	Route Name	Route Description From	Route Description To	Maintenance District	FLTP	Access Level	Area (SQ FT)	Surf. Type	Area Map
0926	6	2	72786		PUBLIC PARKING #8	FROM ROUTE 0011 (J. EARLE BOWDEN WAY / STATE HIGHWAY 399) AT MP 1.84 ON RIGHT	TO ROUTE 0011 (J. EARLE BOWDEN WAY / STATE HIGHWAY 399) AT MP 1.96 ON RIGHT	SANTA ROSA	YES	PUBLIC	26,387	AS	5
0927	6	2	72787		PUBLIC PARKING #7	FROM ROUTE 0011 (J. EARLE BOWDEN WAY / STATE HIGHWAY 399) AT MP 2.63 ON RIGHT	TO ROUTE 0011 (J. EARLE BOWDEN WAY / STATE HIGHWAY 399) AT MP 2.74 ON RIGHT	SANTA ROSA	YES	PUBLIC	32,452	AS	5
0928	6	2	72789		OPAL BEACH PARKING #5	FROM END OF ROUTE 0212 (OPAL BEACH ROAD)	TO PARKING	SANTA ROSA	YES	PUBLIC	46,217	AS	5
0929	6	2	72791		PUBLIC PARKING #6	FROM ROUTE 0011 (J. EARLE BOWDEN WAY / STATE HIGHWAY 399) AT MP 4.19 ON RIGHT	TO PARKING	SANTA ROSA	YES	PUBLIC	25,224	AS	5
0930	6	2	72793		OPAL BEACH PARKING #2 EAST	FROM ROUTE 0212 (OPAL BEACH ROAD) AT MP 0.05 ON LEFT	TO PARKING	SANTA ROSA	YES	PUBLIC	49,284	AS	5
0931	6	2	72795		PUBLIC PARKING #1	FROM ROUTE 0011 (J. EARLE BOWDEN WAY / STATE HIGHWAY 399) AT MP 5.95 ON RIGHT	TO ROUTE 0011 (J. EARLE BOWDEN WAY / STATE HIGHWAY 399) AT MP 6.05 ON RIGHT	SANTA ROSA	YES	PUBLIC	26,214	AS	5
0932	6	2	72796		OKALOOSA PARKING	FROM U.S. HIGHWAY 98 (MIRACLE STRIP PARKWAY)	TO ROUTE 0945 (OKALOOSA PICNIC AREA PARKING)	OKALOOSA	YES	PUBLIC	70,073	AS	6
0933	6	2	102988		BATTERY LANGDON PARKING	ADJACENT TO ROUTE 0012 (FORT PICKENS ROAD) AT MP 5 ON RIGHT		FORT PICKENS	YES	PUBLIC	6,246	AS	3
0934	6	2	102993		OPAL BEACH COMPLEX PARKING	FROM ROUTE 0212 (OPAL BEACH ROAD) AT MP 0.08 ON RIGHT	TO PARKING	SANTA ROSA	NO	NONPUBLIC	4,985	AS	5
0935	6	2	59589		NATURE TRAIL PARKING	FROM END OF ROUTE 0200 (NATURE TRAIL ACCESS ROAD)	TO PARKING	PERDIDO KEY	YES	PUBLIC	9,077	AS	2
0936	6	2	105924		DAVIS BAYOU PRIMITIVE CAMPGROUND PARKING	ADJACENT TO ROUTE 0103 (BOAT LAUNCH ROAD) AT MP 0.1 ON RIGHT		DAVIS BAYOU	NO	PUBLIC	6,675	GR	1
0937	6	2	113842		OKALOOSA BOAT LAUNCH PARKING	FROM ROUTE 0945 (OKALOOSA PICNIC AREA PARKING)	TO ROUTE 0211 (OKALOOSA WEST ACCESS ROAD)	OKALOOSA	YES	PUBLIC	16,380	AS	6
0938	6	2	59057		FORT BARRANCAS PARKING	FROM TAYLOR ROAD	TO PARKING	FORT BARRANCAS	YES	PUBLIC	20,673	AS	3

Report Date: 10/12/2020

Cycle 6 NPS / RIP Route ID Report

(Numerical By Summary Route and Subcomponent #)

Federal Lands Highway
Road Inventory Program

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GUIS *Gulf Islands National Seashore*

PARKING AREA INVENTORY (1300 SERIES FMSS LOCATIONS)

Route No.	Cycle Collected	Iteration Collected	FMSS Number	Concession	Route Name	Route Description From	Route Description To	Maintenance District	FLTP	Access Level	Area (SQ FT)	Surf. Type	Area Map
0939	6	2	101820		DUNE NATURE TRAIL PARKING	ADJACENT TO ROUTE 0012 (FORT PICKENS ROAD) AT MP 5.48 ON LEFT		FORT PICKENS	NO	PUBLIC	2,644	GR	3
0941	6	2	108369		ADVANCE REDOUBT PARKING	FROM TAYLOR ROAD	TO PARKING	FORT BARRANCAS	YES	PUBLIC	18,059	AS	3
0942	6	2	106121		DAVIS BAYOU NATURE'S WAY TRAIL ROADSIDE PARKING	ADJACENT TO ROUTE 0016 (ROBERT MCGEE ROAD) AT MP 0.25 ON LEFT		DAVIS BAYOU	NO	PUBLIC	905	GR	1
0943	6	2	106120		ROBERT MCGEE ROAD CIRCLE PICNIC AREA PARKING	FROM ROUTE 0016 (ROBERT MCGEE ROAD) AT MP 0.5 ON LEFT	TO ROUTE 0016 (ROBERT MCGEE ROAD) AT MP 0.53 ON LEFT	DAVIS BAYOU	NO	PUBLIC	3,997	GR	1
0944	6	2	106119		DAVIS BAYOU PICNIC AREA PARKING	ADJACENT TO ROUTE 0016 (ROBERT MCGEE ROAD) AT MP 0.54 ON RIGHT		DAVIS BAYOU	NO	PUBLIC	1,590	GR	1
0945	6	2	113843		OKALOOSA PICNIC AREA PARKING	FROM ROUTE 0932 (OKALOOSA PARKING)	TO ROUTE 0937 (OKALOOSA BOAT LAUNCH PARKING)	OKALOOSA	YES	PUBLIC	11,553	AS	6
0946	6	2	105925		DAVIS BAYOU PICNIC SHELTER #1 PARKING	ADJACENT TO ROUTE 0016 (ROBERT MCGEE ROAD) AT MP 0.82 ON RIGHT		DAVIS BAYOU	NO	PUBLIC	2,614	GR	1
0947	6	2	105926		DAVIS BAYOU PICNIC SHELTER #2 PARKING	ADJACENT TO ROUTE 0016 (ROBERT MCGEE ROAD) AT MP 0.67 ON RIGHT		DAVIS BAYOU	NO	PUBLIC	6,284	GR	1
0948	6	2	105928		DAVIS BAYOU PICNIC SHELTER #3 PARKING	ADJACENT TO ROUTE 0016 (ROBERT MCGEE ROAD) AT MP 0.52 ON LEFT		DAVIS BAYOU	NO	PUBLIC	3,214	GR	1
0949	6	2	105929		DAVIS BAYOU PICNIC SHELTER #4 PARKING	FROM ROUTE 0016 (ROBERT MCGEE ROAD) AT MP 0.44 ON RIGHT	TO ROUTE 0016 (ROBERT MCGEE ROAD) AT MP 0.49 ON RIGHT	DAVIS BAYOU	NO	PUBLIC	8,530	GR	1
0950	6	2	106116		DAVIS BAYOU PICNIC SHELTER #1 OVERFLOW PARKING	FROM ROUTE 0016 (ROBERT MCGEE ROAD) AT MP 0.76 ON RIGHT	TO PARKING	DAVIS BAYOU	NO	PUBLIC	5,168	GR	1
0951	6	2	106117		DAVIS BAYOU PICNIC SHELTER #2 OVERFLOW PARKING	ADJACENT TO ROUTE 0016 (ROBERT MCGEE ROAD) AT MP 0.71 ON LEFT		DAVIS BAYOU	NO	PUBLIC	7,598	GR	1

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GUIS *Gulf Islands National Seashore*

PARKING AREA INVENTORY (1300 SERIES FMSS LOCATIONS)

Route No.	Cycle Collected	Iteration Collected	FMSS Number	Concession	Route Name	Route Description From	Route Description To	Maintenance District	FLTP	Access Level	Area (SQ FT)	Surf. Type	Area Map
0952	6	2	106118		DAVIS BAYOU PICNIC SHELTER #4 OVERFLOW PARKING	ADJACENT TO ROUTE 0949 (DAVIS BAYOU PICNIC SHELTER #4 PARKING) AT MP 0.51 ON RIGHT		DAVIS BAYOU	NO	PUBLIC	747	GR	1
0953	6	2	105930		DAVIS BAYOU RAMP RESTROOM / PICNIC SHELTER #5 PARKING	ADJACENT TO ROUTE 0103 (BOAT LAUNCH ROAD) AT MP 0.17 ON RIGHT		DAVIS BAYOU	NO	PUBLIC	1,136	GR	1
0954	6	2	116835		OPAL BEACH PARKING #4 WEST	FROM ROUTE 0212 (OPAL BEACH ROAD) AT MP 0.24 ON LEFT	TO PARKING	SANTA ROSA	YES	PUBLIC	42,583	AS	5
0955	6	2	59515		OPAL BEACH PARKING #3 EAST	FROM ROUTE 0212 (OPAL BEACH ROAD) AT MP 0.1 ON LEFT	TO PARKING	SANTA ROSA	YES	PUBLIC	39,595	AS	5
0956	6	2	241759		DAVIS BAYOU BOAT LAUNCH UNPAVED PARKING	FROM ROUTE 0902 (DAVIS BAYOU BOAT LAUNCH PARKING)	TO PARKING	DAVIS BAYOU	NO	PUBLIC	8,247	GR	1
0957ZZ	6	2			YATES HOUSE COMPOUND RV PARKING AREAS	FROM ROUTE 0410 (YATES HOUSE COMPOUND ROAD) ON LEFT	TO PARKING	DAVIS BAYOU	NO	NONPUBLIC	1,661	AS	1
0958ZZ	6	2			ENTRANCE STATION PARKING AREAS	ADJACENT TO ROUTE 0012 (FORT PICKENS ROAD) ON RIGHT AND LEFT		FORT PICKENS	YES	PUBLIC	2,812	AS	3
0959	6	2			DAVIS BAYOU CAMPGROUND LOOP A RESTROOM PARKING	ADJACENT TO ROUTE 0206AZ (DAVIS BAYOU CAMPGROUND LOOP A) AT MP 0.07 ON LEFT		DAVIS BAYOU	YES	PUBLIC	977	AS	1
0960	6	2			CARPENTER SHOP PARKING	FROM END OF ROUTE 0407	TO PARKING	FORT PICKENS	NO	NONPUBLIC	11,910	GR	3
0961	6	2			FORT PICKENS CAMPGROUND MAIN LOOP A PARKING	FROM ROUTE 0202 (FORT PICKENS CAMPGROUND MAIN LOOP A) AT MP 0.24 ON LEFT	TO ROUTE 0202 (FORT PICKENS CAMPGROUND MAIN LOOP A) AT MP 0.27 ON LEFT	FORT PICKENS	YES	PUBLIC	5,919	AS	3
0962	6	2			FORT PICKENS CAMPGROUND UNPAVED PARKING	ADJACENT TO ROUTE 0201ZZ		FORT PICKENS	YES	PUBLIC	1,702	GR	3

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Cycle 6 NPS / RIP Route ID Report

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Cycle 6 Summary Totals for Gulf Islands National Seashore

Cycle 6 Route Totals

	NPS Maintained	Concessionaire Maintained	Park Totals
Paved Roads, Data Collection Vehicle Rated (Miles)	26.85	0	**26.85**
Paved Roads, Manually Rated Length (Miles)	0.14	0	**0.14**
Paved Roads, Manually Rated Area (Sq. Ft.)	0	0	**0**
Unpaved Roads (Miles)	0.54	0	**0.54**
Paved Parking (Sq. Ft.)	1,230,170	0	**1,230,170**
Unpaved Parking (Sq. Ft.)	72,961	0	**72,961**

Cycle 6 Lane Miles and Overall Pavement Condition

	Lanes Miles*	Pavement Condition Rating**
Data Collection Vehicle Routes	60.84	89
Manually Rated Roads	0.22	73
Parking Areas	21.18	80

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

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

Report Date: 10/12/2020

Cycle 6 NPS / RIP Route ID Report

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General Park Road Functional Classification (FC) Table

FC	Type	User Access	Description	Route Numbers
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
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
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
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
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
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

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

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.

Report Date: 10/12/2020

NPS / RIP Subcomponent Details for GUIS

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GUIS *Gulf Islands National Seashore*

SUMMARY ROUTE INVENTORY FOR ROADS (1100 SERIES FMSS LOCATIONS)

Route Number	FMSS Number	Cycle Collected	Iteration Collected	Concession	Route Name	Route Description From	Route Description To	FLTP	Paved Miles	Unpaved Miles	Total Mileage	Functional Class	Area (SQ FT)
0201ZZ	72738	6	2		FORT PICKENS CAMPGROUND LOOPS B-E	FROM ROUTE 0012 (FORT PICKENS ROAD)	THROUGH CAMPGROUND	YES	1.37	0.00	1.37	3	
0206ZZ	72686	6	2		DAVIS BAYOU CAMPGROUND ROADS	FROM ROUTE 0016 (ROBERT MCGEE ROAD)	THROUGH CAMPGROUND	YES	0.43	0.00	0.43	3	

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

Route Number	FMSS Number	Cycle Collected	Iteration Collected	Concession	Route Name	Route Description From	Route Description To	FLTP	User Access	Area (SQ FT)
0907ZZ	72708	6	2		FORT PICKENS DISTRICT PARKING	FROM ROUTE 0012 (FORT PICKENS ROAD) ON LEFT AND RIGHT	TO ROUTE 0500 (FORT PICKENS LOOP ROAD) AND 0401 (FORT PICKENS DISTRICT OFFICE ROAD)	YES	PUBLIC	24,567
0918ZZ	72745	6	2		LANGDON BEACH PARKING	ADJACENT TO ROUTE 0100 (LANGDON BEACH ACCESS ROAD) ON RIGHT AND LEFT		YES	PUBLIC	19,313
0925ZZ	72784	6	2		HEADQUARTERS & VISITORS CENTER PARKING	FROM ROUTE 0207 (HEADQUARTERS AND VISITOR CENTER ACCESS ROAD) ON RIGHT AND LEFT	TO PARKING	YES	PUBLIC	58,753
0957ZZ		6	2		YATES HOUSE COMPOUND RV PARKING AREAS	FROM ROUTE 0410 (YATES HOUSE COMPOUND ROAD) ON LEFT	TO PARKING	NO	NONPUBLIC	1,661
0958ZZ		6	2		ENTRANCE STATION PARKING AREAS	ADJACENT TO ROUTE 0012 (FORT PICKENS ROAD) ON RIGHT AND LEFT		YES	PUBLIC	2,812

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GUIS *Gulf Islands National Seashore*

GUIS-0201ZZ Subcomponent Breakdown

Route Number	FMSS Number	Cycle Collected	Iteration Collected	Concession	Route Name	Route Description From	Route Description To	FLTP	Paved Miles	Unpaved Miles	Total Mileage	Functional Class	Area (SQ FT)
0201BZ	72738	6	2		FORT PICKENS CAMPGROUND LOOP B	FROM ROUTE 0201EZ (FORT PICKENS CAMPGROUND LOOP E)	TO ROUTE 0201DZ (FORT PICKENS CAMPGROUND LOOP D)	YES	0.11	0.00	0.11	3	
0201CAZ	72738	6	2		FORT PICKENS CAMPGROUND LOOP C SITES C26 - C49	FROM ROUTE 0012 (FORT PICKENS ROAD)	TO END OF LOOP	YES	0.26	0.00	0.26	3	
0201CBZ	72738	6	2		FORT PICKENS CAMPGROUND LOOP C SITES C14 - C25	FROM ROUTE 0201CAZ (FORT PICKENS CAMPGROUND LOOP C SITES C26 - C49)	TO ROUTE 0201EZ (FORT PICKENS CAMPGROUND LOOP E)	YES	0.08	0.00	0.08	3	
0201DZ	72738	6	2		FORT PICKENS CAMPGROUND LOOP D	FROM ROUTE 0201EZ (FORT PICKENS CAMPGROUND LOOP E)	TO ROUTE 0201EZ (FORT PICKENS CAMPGROUND LOOP E)	YES	0.24	0.00	0.24	3	
0201EZ	72738	6	2		FORT PICKENS CAMPGROUND LOOP E	FROM ROUTE 0201EZ (FORT PICKENS CAMPGROUND LOOP E)	TO ROUTE 0201EZ (FORT PICKENS CAMPGROUND LOOP E)	YES	0.66	0.00	0.66	3	
0201FZ	72738	6	2		FORT PICKENS CAMPGROUND TURN AROUND	FROM ROUTE 0201EZ (FORT PICKENS CAMPGROUND LOOP E)	TO ROUTE 0201EZ (FORT PICKENS CAMPGROUND LOOP E)	YES	0.03	0.00	0.03	3	

GUIS-0206ZZ Subcomponent Breakdown

Route Number	FMSS Number	Cycle Collected	Iteration Collected	Concession	Route Name	Route Description From	Route Description To	FLTP	Paved Miles	Unpaved Miles	Total Mileage	Functional Class	Area (SQ FT)
0206AZ	72686	6	2		DAVIS BAYOU CAMPGROUND LOOP A	FROM ROUTE 0016 (ROBERT MCGEE ROAD) AT MP 0.58 ON LEFT	TO END OF LOOP	YES	0.31	0.00	0.31	3	
0206BZ	72686	6	2		DAVIS BAYOU CAMPGROUND LOOP B	FROM ROUTE 0206AZ (DAVIS BAYOU CAMPGROUND LOOP A)	TO END OF LOOP	YES	0.12	0.00	0.12	3	

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GUIS *Gulf Islands National Seashore*

GUIS-0907ZZ Subcomponent Breakdown

Route Number	FMSS Number	Cycle Collected	Iteration Collected	Concession	Route Name	Route Description From	Route Description To	FLTP	User Access	Area (SQ FT)
0907AZ	72708	6	2		FORT PICKENS DISTRICT PARKING A	FROM ROUTE 0012 (FORT PICKENS ROAD) AT MP 7.18 ON LEFT	TO ROUTE 0500 (FORT PICKENS LOOP ROAD)	YES	PUBLIC	13,758
0907BZ	72708	6	2		FORT PICKENS DISTRICT PARKING B	FROM ROUTE 0012 (FORT PICKENS ROAD) AT MP 7.17 ON RIGHT	TO PARKING	YES	PUBLIC	6,876
0907CZ	72708	6	2		FORT PICKENS DISTRICT PARKING C	ADJACENT TO ROUTE 0012 (FORT PICKENS ROAD) AT MP 7.16 ON LEFT		YES	PUBLIC	2,482
0907DZ	72708	6	2		FORT PICKENS DISTRICT PARKING D	FROM INTERSECTION OF ROUTE 0012 (FORT PICKENS ROAD) ON RIGHT AND ROUTE 0401 (FORT PICKENS DISTRICT OFFICE ROAD)	TO PARKING	YES	PUBLIC	1,451

GUIS-0918ZZ Subcomponent Breakdown

Route Number	FMSS Number	Cycle Collected	Iteration Collected	Concession	Route Name	Route Description From	Route Description To	FLTP	User Access	Area (SQ FT)
0918AZ	72745	6	2		LANGDON BEACH PARKING A	ADJACENT TO ROUTE 0100 (LANGDON BEACH ACCESS ROAD) AT MP 0.14 ON RIGHT		YES	PUBLIC	9,410
0918BZ	72745	6	2		LANGDON BEACH PARKING B	ADJACENT TO ROUTE 0100 (LANGDON BEACH ACCESS ROAD) AT MP 0.14 ON LEFT		YES	PUBLIC	9,903

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GUIS *Gulf Islands National Seashore*

GUIS-0925ZZ Subcomponent Breakdown

Route Number	FMSS Number	Cycle Collected	Iteration Collected	Concession	Route Name	Route Description From	Route Description To	FLTP	User Access	Area (SQ FT)
0925AZ	72784	6	2		HEADQUARTERS & VISITORS CENTER PARKING A	FROM ROUTE 0207 (HEADQUARTERS AND VISITOR CENTER ACCESS ROAD) AT MP 0.04 ON LEFT	TO ROUTE 0207 (HEADQUARTERS AND VISITOR CENTER ACCESS ROAD) AT MP 0.2 ON LEFT	YES	PUBLIC	42,167
0925BZ	72784	6	2		HEADQUARTERS & VISITORS CENTER PARKING B	FROM ROUTE 0207 (HEADQUARTERS AND VISITOR CENTER ACCESS ROAD) AT MP 0.05 ON RIGHT	TO PARKING	YES	PUBLIC	1,940
0925CZ	72784	6	2		HEADQUARTERS & VISITORS CENTER PARKING C	ADJACENT TO ROUTE 0207 (HEADQUARTERS AND VISITOR CENTER ACCESS ROAD) AT MP 0.08 ON LEFT		YES	PUBLIC	1,007
0925DZ	72784	6	2		HEADQUARTERS & VISITORS CENTER PARKING D	ADJACENT TO ROUTE 0207 (HEADQUARTERS AND VISITOR CENTER ACCESS ROAD) AT MP 0.09 ON LEFT		YES	PUBLIC	1,574
0925EZ	72784	6	2		HEADQUARTERS & VISITORS CENTER PARKING E	ADJACENT TO ROUTE 0207 (HEADQUARTERS AND VISITOR CENTER ACCESS ROAD) AT MP 0.09 ON RIGHT		YES	PUBLIC	1,087
0925FZ	72784	6	2		HEADQUARTERS & VISITORS CENTER PARKING F	ADJACENT TO ROUTE 0207 (HEADQUARTERS AND VISITOR CENTER ACCESS ROAD) AT MP 0.106 ON RIGHT		YES	PUBLIC	449
0925GZ	72784	6	2		HEADQUARTERS & VISITORS CENTER PARKING G	ADJACENT TO ROUTE 0207 (HEADQUARTERS AND VISITOR CENTER ACCESS ROAD) AT MP 0.11 ON LEFT		YES	PUBLIC	1,142
0925HZ	72784	6	2		HEADQUARTERS & VISITORS CENTER PARKING H	ADJACENT TO ROUTE 0207 (HEADQUARTERS AND VISITOR CENTER ACCESS ROAD) AT MP 0.114 ON RIGHT		YES	PUBLIC	626
0925IZ	72784	6	2		HEADQUARTERS & VISITORS CENTER PARKING I	ADJACENT TO ROUTE 0207 (HEADQUARTERS AND VISITOR CENTER ACCESS ROAD) AT MP 0.137 ON RIGHT		YES	PUBLIC	1,848
0925JZ	72784	6	2		HEADQUARTERS & VISITORS CENTER PARKING J	ADJACENT TO ROUTE 0207 (HEADQUARTERS AND VISITOR CENTER ACCESS ROAD) AT MP 0.17 ON RIGHT		YES	PUBLIC	656
0925KZ	72784	6	2		HEADQUARTERS & VISITORS CENTER PARKING K	ADJACENT TO ROUTE 0207 (HEADQUARTERS AND VISITOR CENTER ACCESS ROAD) AT MP 0.18 ON RIGHT		YES	PUBLIC	1,804
0925LZ	72784	6	2		HEADQUARTERS & VISITORS CENTER PARKING L	ADJACENT TO ROUTE 0207 (HEADQUARTERS AND VISITOR CENTER ACCESS ROAD) AT MP 0.20 ON RIGHT		YES	PUBLIC	1,244
0925MZ	72784	6	2		HEADQUARTERS & VISITORS CENTER PARKING M	ADJACENT TO ROUTE 0207 (HEADQUARTERS AND VISITOR CENTER ACCESS ROAD) AT MP 0.25 ON RIGHT		YES	PUBLIC	3,209

NPS / RIP Subcomponent Details for GUIS

(Numerical By Summary Route and Subcomponent #)

Federal Lands Highway
Road Inventory Program

Shading Color Key

White = Paved Routes, DCV Driven	Grey = Paved Routes, DCV not Driven	Black = Paved Routes, Non-NPS
Yellow = Unpaved Routes, DCV not Driven	Blue = Paved Parking Areas	Green = Unpaved Parking Areas

= Concession Route

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

GUIS *Gulf Islands National Seashore*

GUIS-0957ZZ Subcomponent Breakdown

Route Number	FMSS Number	Cycle Collected	Iteration Collected	Concession	Route Name	Route Description From	Route Description To	FLTP	User Access	Area (SQ FT)
0957AZ		6	2		YATES HOUSE COMPOUND RV PARKING 1	ADJACENT TO ROUTE 0410 (YATES HOUSE COMPOUND ROAD) AT MP 0.07 ON LEFT		NO	NONPUBLIC	865
0957BZ		6	2		YATES HOUSE COMPOUND RV PARKING 2	FROM END OF ROUTE 0410 (YATES HOUSE COMPOUND ROAD)	TO PARKING	NO	NONPUBLIC	796

GUIS-0958ZZ Subcomponent Breakdown

Route Number	FMSS Number	Cycle Collected	Iteration Collected	Concession	Route Name	Route Description From	Route Description To	FLTP	User Access	Area (SQ FT)
0958AZ		6	2		ENTRANCE STATION PARKING	ADJACENT TO ROUTE 0012 (FORT PICKENS ROAD) AT MP 0.85 ON LEFT		YES	PUBLIC	1,727
0958BZ		6	2		BUS ENTRANCE STATION PARKING	ADJACENT TO ROUTE 0012 (FORT PICKENS ROAD) AT MP 0.87 ON RIGHT		YES	PUBLIC	1,085

Route Identification Changes to Paved Routes from Previous Cycle
Gulf Islands National Seashore

ROUTES MODIFIED FROM PREVIOUS INVENTORY:			
Route No.	**Route Name**	**Type of Change**	**Comments**
0012	FORT PICKENS ROAD	REALIGNED	ROUTE REALIGNED; LENGTH UPDATED.
0902	DAVIS BAYOU BOAT LAUNCH PARKING	SQ FEET CHANGE	MINOR UPDATES TO GPS AND SQUARE FOOTAGE.
0903	DAVIS BAYOU MAINTENANCE PARKING	SQ FEET CHANGE	MINOR UPDATES TO GPS AND SQUARE FOOTAGE.
0904	DAVIS BAYOU VISITOR CENTER PARKING	SQ FEET CHANGE	MINOR UPDATES TO GPS AND SQUARE FOOTAGE.
0905	GOVERNMENT BOAT DOCK PARKING	SQ FEET CHANGE	MINOR UPDATES TO GPS AND SQUARE FOOTAGE.
0908	FORT PICKENS PARKING	SQ FEET CHANGE	A NEW SECTION ADDED ADJACENT TO ROUTE 0500 (FORT PICKENS LOOP ROAD). GPS AND SQUARE FOOTAGE UPDATED IN CYCLE 6.
0920	PUBLIC BEACH PARKING #22	SQ FEET CHANGE	AREA REDUCED BECAUSE PART OF PARKING AREA IS NOW RECLAIMED BY SAND.

Section 3
Park Summary Information

Gulf Islands National Seashore

Federal Lands Highway
Road Inventory Program

Parkwide Paved Route Condition Summary
Gulf Islands National Seashore

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

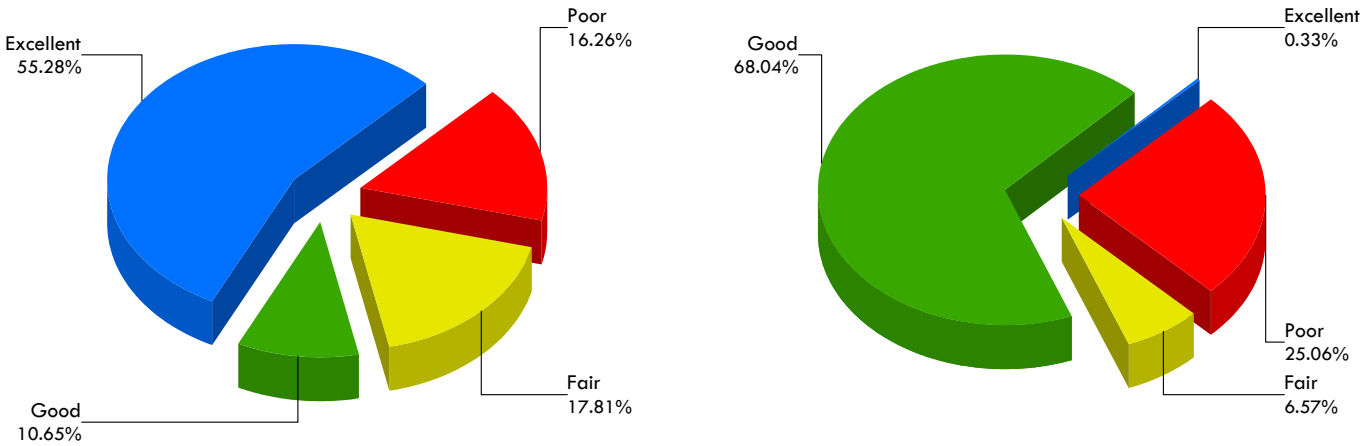
Breakdown of Pavement Condition Rating (PCR) Based on Access Level

	POOR (PCR of 0 - 60)	FAIR (PCR of 61 - 84)	GOOD (PCR of 85 - 94)	EXCELLENT (PCR of 95 -100)	
PAVED ROADS					
Functional Class	**Length (miles)**	**Length (miles)**	**Length (miles)**	**Length (miles)**	**Total Mileage by FC**
1	2.34	2.73	2.11	14.49	21.66
2	0.03	0.06		0.04	0.13
3	1.66	1.96	0.73	0.40	4.74
4					
5	0.30	0.04	0.04		0.38
6	0.06	0.02			0.08
7					
8					
Total Mileage by PCR	**4.39**	**4.81**	**2.87**	**14.92**	**26.99**
PAVED PARKING					
Access Level	**Area (sq. ft.)**	**Area (sq. ft.)**	**Area (sq. ft.)**	**Area (sq. ft.)**	**Total Area**
PUBLIC	249,688	31,420	817,443	4,056	1,102,607
NONPUBLIC	58,598	49,460	19,505		127,563
Total Area by PCR	**308,286**	**80,880**	**836,948**	**4,056**	**1,230,170**

NOTES:

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

Parkwide Condition Percentages



Road Condition Percentages **Parking Area Condition Percentages**

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

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

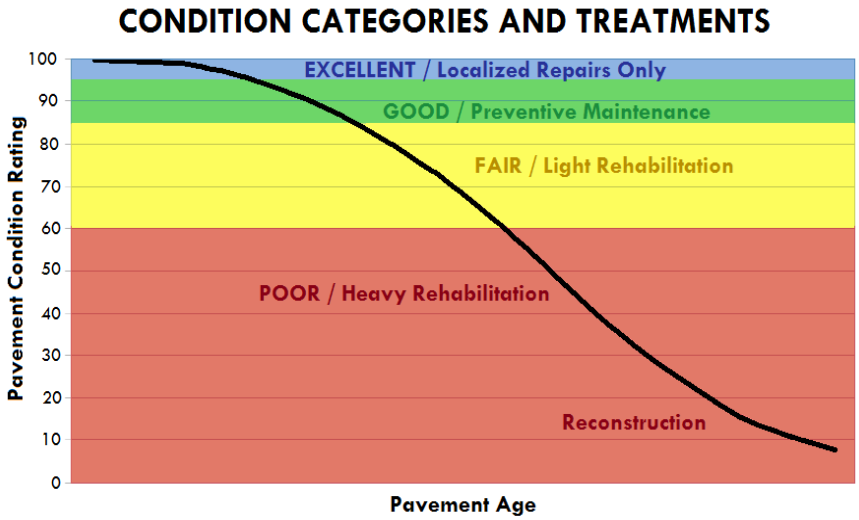
The Road Inventory Program aims to provide assistance in translating the excellent / good / fair / poor rating categories into pavement needs categories. The PCR can be used to indicate the place in the Pavement Life Cycle and the type of treatments that should be considered now and into the future.

- Excellent / New: PCR of 95-100
  - 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 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.



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.

Federal Lands Highway
Road Inventory Program

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

Gulf Islands National Seashore

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.
- Route-level scores shown on this page may not represent scores at smaller intervals (due to rollup calculations).
- Additional details on individual road ratings at 0.10-mile and 1-mile intervals can be found in Section 5 of the Cycle 6 RIP Report.
- Refer to the RIP Report Appendix for an explanation of the rating system and rating methods.

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

Route No.	FMSS No.	Route Name	Functional Class	Surf. Type	Paved Length (Miles)	Pavement Condition Rating (PCR)	Roughness Condition Index (RCI)	Surface Condition Rating (SCR)	Structural Crack Index	Alligator Crack Index	Longitudinal Cracking Index	Transverse Cracking Index	Patch / Pothole Index	Rutting Index
GUIS-0011	59498	J. EARLE BOWDEN WAY / STATE HIGHWAY 399	1	AS	7.29	100	100	100	100	100	100	100	100	100
GUIS-0012	59617	FORT PICKENS ROAD	1	AS	7.22	87	100	78	97	100	97	78	100	99
GUIS-0013	59556	JOHNSON BEACH ROAD	1	AS	2.48	92	NR	92	96	100	96	92	100	100
GUIS-0015	59709	PARK ROAD	1	AS	2.17	97	100	95	99	100	99	95	100	100
GUIS-0016	71274	ROBERT MCGEE ROAD	1	AS	0.82	95	NR	95	99	100	99	95	100	100
GUIS-0017	113821	GOLLOTT ROAD	1	AS	0.60	43	47	40	40	81	59	73	99	92
GUIS-0100	71280	LANGDON BEACH ACCESS ROAD	3	AS	0.33	60	NR	60	85	100	85	60	100	95
GUIS-0102	71290	EAGLE POINT ROAD	1	AS	0.06	96	NR	96	99	100	99	98	100	96
GUIS-0103	71295	BOAT LAUNCH ROAD	3	AS	0.19	86	NR	86	93	100	93	86	100	99
GUIS-0200	72675	NATURE TRAIL ACCESS ROAD	3	AS	0.15	44	NR	44	91	100	91	44	100	100
GUIS-0201BZ	72738	FORT PICKENS CAMPGROUND LOOP B	3	AS	0.11	39	NR	39	88	100	88	39	100	95
GUIS-0201CAZ	72738	FORT PICKENS CAMPGROUND LOOP C SITES C26 - C49	3	AS	0.26	59	NR	59	91	100	91	59	100	98
GUIS-0201CBZ	72738	FORT PICKENS CAMPGROUND LOOP C SITES C14 - C25	3	AS	0.08	65	NR	65	95	100	95	65	100	93
GUIS-0201DZ	72738	FORT PICKENS CAMPGROUND LOOP D	3	AS	0.24	57	NR	57	91	100	91	57	100	94
GUIS-0201EZ	72738	FORT PICKENS CAMPGROUND LOOP E	3	AS	0.66	54	NR	54	93	100	93	54	100	94
GUIS-0201FZ	72738	FORT PICKENS CAMPGROUND TURN AROUND	3	AS	0.03	75	NR	75	97	100	97	75	100	98
GUIS-0202	72742	FORT PICKENS CAMPGROUND MAIN LOOP A	3	AS	0.34	71	NR	71	92	100	92	71	100	97
GUIS-0206AZ	72686	DAVIS BAYOU CAMPGROUND LOOP A	3	AS	0.31	60	NR	60	77	100	77	60	100	95
GUIS-0206BZ	72686	DAVIS BAYOU CAMPGROUND LOOP B	3	AS	0.12	81	NR	81	85	100	85	81	100	95

Data Collection Date: 04/2019

Federal Lands Highway
Road Inventory Program

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

Gulf Islands National Seashore

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.
- Route-level scores shown on this page may not represent scores at smaller intervals (due to rollup calculations).
- Additional details on individual road ratings at 0.10-mile and 1-mile intervals can be found in Section 5 of the Cycle 6 RIP Report.
- Refer to the RIP Report Appendix for an explanation of the rating system and rating methods.

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

Route No.	FMSS No.	Route Name	Functional Class	Surf. Type	Paved Length (Miles)	Pavement Condition Rating (PCR)	Roughness Condition Index (RCI)	Surface Condition Rating (SCR)	Structural Crack Index	Alligator Crack Index	Longitudinal Cracking Index	Transverse Cracking Index	Patch / Pothole Index	Rutting Index
GUIS-0207	72679	HEADQUARTERS AND VISITOR CENTER ACCESS ROAD	3	AS	0.44	84	NR	84	96	100	96	84	100	97
GUIS-0210	56650	NAVAL LIVE OAKS ROAD	3	AS	0.40	12	NR	12	36	100	36	12	100	98
GUIS-0212	116836	OPAL BEACH ROAD	3	AS	0.33	100	NR	100	100	100	100	100	100	100
GUIS-0401	102968	FORT PICKENS DISTRICT OFFICE ROAD	5	AS	0.11	21	NR	21	63	100	63	21	100	92
GUIS-0402	102969	FORT PICKENS SERVICE ROAD	5	AS	0.14	45	NR	45	95	100	95	45	100	94
GUIS-0405	72684	VFW ROAD	2	AS	0.09	74	NR	74	97	100	97	76	74	96
GUIS-0406	113828	GOVERNMENT BOAT DOCK ROAD	5	AS	0.13	0	NR	0	71	100	71	0	100	99
GUIS-0409	227905	CEDAR POINT CAMPUS ROAD	2	AS	0.04	96	NR	96	100	100	100	100	100	96
GUIS-0410	241758	YATES HOUSE COMPOUND ROAD	6	AS	0.08	0	NR	0	13	96	17	0	94	93
GUIS-0500	72128	FORT PICKENS LOOP ROAD	1	AS	1.03	62	97	39	89	100	89	39	100	98
GUIS-0501	72683	BATTERY 234 LOOP ROAD	3	AS	0.62	80	100	67	99	100	99	67	100	99

Data Collection Date: 04/2019

Federal Lands Highway
Road Inventory Program

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

Gulf Islands National Seashore

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 that were manually rated.
  - MRL: Manually Rated Line (a linear road)
  - MRP: Manually Rated Polygon (a non-linear road)
- Condition on roads that were rated with the Data Collection Vehicle (DCV) are shown in a separate report.
- A road is manually rated when it is determined to be unsuitable for the DCV to drive.
- Additional details on individual road ratings at 0.10-mile and 1-mile intervals can be found in Section 5 of the Cycle 6 RIP Report.
- Refer to the RIP Report Appendix for an explanation of the rating system and rating methods.

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

Route No.	FMSS No.	Route Name	Functional Class	Surf. Type	Paved Length (Miles)	Pavement Condition Rating (PCR)	Roughness Condition Index (RCI)	Surface Condition Rating (SCR)	Structural Crack Index	Alligator Crack Index	Longitudinal Cracking Index	Transverse Cracking Index	Patch / Pothole Index	Rutting Index
GUIS-0211	59042	OKALOOSA WEST ACCESS ROAD	3	AS	0.14	73	NR	73	NR	90	90	73	90	73

Data Collection Date: 03/2019

Federal Lands Highway
Road Inventory Program

Cycle 6 - Road Inventory Program

Parking Area Condition Summary Report

Gulf Islands National Seashore

Condition (Rating / Index) Legend

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

Notes:

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

Condition Rating Details for Paved Parking Areas

Route No.	FMSS No.	Route Name	User Access	Surf. Type	Area (Sq. Ft.)	Pavement Condition Rating (PCR)	Asphalt Surface Distresses: Alligator Cracking	Asphalt Surface Distresses: Longitudinal / Tranverse Cracking	Asphalt Surface Distresses: Rutting / Distortions	Asphalt Surface Distresses: Potholes / Patching	Asphalt Surface Distresses: HMA Patching	Asphalt Surface Distresses: Surface Raveling / Bleeding	Concrete Surface Distresses: Joint Faulting	Concrete Surface Distresses: Slab Cracking	Concrete Surface Distresses: Joint Distresses	Concrete Surface Distresses: Delamination / Pop-Outs	Concrete Surface Distresses: Potholes / Patching
GUIS-0902	72695	DAVIS BAYOU BOAT LAUNCH PARKING	PUBLIC	AS	14,542	90	97	97	97	97	97	90					
GUIS-0903	72700	DAVIS BAYOU MAINTENANCE PARKING	NONPUBLIC	AS	57,802	53	90	53	90	53	97	73					
GUIS-0904	72702	DAVIS BAYOU VISITOR CENTER PARKING	PUBLIC	AS	98,742	90	97	90	97	97	97	97					
GUIS-0905	72704	GOVERNMENT BOAT DOCK PARKING	NONPUBLIC	CO	14,520	90							97	90	90	90	97
GUIS-0906	72706	ROSAMOND JOHNSON BEACH ACCESS PARKING	PUBLIC	AS	153,249	53	97	53	97	97	90	90					
GUIS-0907AZ	72708	FORT PICKENS DISTRICT PARKING A	PUBLIC	AS	13,758	90	97	90	97	97	97	90					
GUIS-0907BZ	72708	FORT PICKENS DISTRICT PARKING B	PUBLIC	CO	6,876	53							53	53	73	53	97
GUIS-0907CZ	72708	FORT PICKENS DISTRICT PARKING C	PUBLIC	AS	2,482	90	97	90	97	97	97	90					
GUIS-0907DZ	72708	FORT PICKENS DISTRICT PARKING D	PUBLIC	AS	1,451	90	97	90	97	97	97	90					
GUIS-0908	72710	FORT PICKENS PARKING	PUBLIC	AS	58,973	90	97	90	97	97	97	90					
GUIS-0909	72711	BATTERY TRUEMAN PARKING	PUBLIC	AS	3,381	90	97	90	97	97	97	97					
GUIS-0910	72714	JETTIES RESTROOM PARKING	PUBLIC	AS	2,583	90	97	90	97	97	97	90					
GUIS-0911	72717	BATTERY PAYNE PARKING	PUBLIC	AS	3,842	90	97	90	97	97	97	90					
GUIS-0912	72720	GRAVES PARKING	PUBLIC	AS	5,188	90	90	90	97	97	97	97					
GUIS-0913	72722	BATTERY 234 PARKING	PUBLIC	AS	3,603	90	97	90	90	97	97	90					
GUIS-0914	72728	BATTERY COOPER PARKING	PUBLIC	AS	3,366	90	97	90	97	97	97	97					
GUIS-0915	72731	BATTERY WORTH PICNIC ACCESS AND PARKING	PUBLIC	AS	76,684	90	97	90	97	97	97	90					
GUIS-0916	79900	CAMPGROUND STORE PARKING	PUBLIC	AS	12,633	73	90	90	97	97	97	73					
GUIS-0918AZ	72745	LANGDON BEACH PARKING A	PUBLIC	AS	9,410	90	97	90	97	97	97	90					
GUIS-0918BZ	72745	LANGDON BEACH PARKING B	PUBLIC	AS	9,903	90	97	90	97	97	97	90					
GUIS-0919	72748	CAMPGROUND REGISTRATION / RANGER STATION COMPLEX PARKING	PUBLIC	AS	43,849	90	90	90	90	90	97	90					
GUIS-0920	72756	PUBLIC BEACH PARKING #22	PUBLIC	AS	14,640	90	97	90	90	97	97	97					
GUIS-0921	72766	PUBLIC BEACH PARKING #21	PUBLIC	AS	22,366	90	97	97	97	97	97	90					
GUIS-0922	72773	NAVAL LIVE OAKS GROUP CAMPING AREA PARKING	PUBLIC	AS	13,821	53	90	53	97	90	97	90					
GUIS-0923	72781	NAVAL LIVE OAKS NORTH PARKING	PUBLIC	AS	18,787	73	97	90	90	97	97	73					
GUIS-0924	72783	NAVAL LIVE OAKS MAINTENANCE COMPLEX PARKING	NONPUBLIC	AS	48,595	73	90	90	90	90	97	73					

Data Collection Date: 03/2019

Federal Lands Highway
Road Inventory Program

Cycle 6 - Road Inventory Program
Parking Area Condition Summary Report
Gulf Islands National Seashore

Condition (Rating / Index) Legend

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

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

Condition Rating Details for Paved Parking Areas

							Asphalt Surface Distresses						Concrete Surface Distresses				
Route No.	FMSS No.	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
GUIS-0925AZ	72784	HEADQUARTERS & VISITORS CENTER PARKING A	PUBLIC	AS	42,167	90	97	90	97	97	97	90					
GUIS-0925BZ	72784	HEADQUARTERS & VISITORS CENTER PARKING B	PUBLIC	AS	1,940	90	90	90	97	97	97	90					
GUIS-0925CZ	72784	HEADQUARTERS & VISITORS CENTER PARKING C	PUBLIC	AS	1,007	90	97	90	97	97	97	90					
GUIS-0925DZ	72784	HEADQUARTERS & VISITORS CENTER PARKING D	PUBLIC	AS	1,574	90	97	90	97	97	97	90					
GUIS-0925EZ	72784	HEADQUARTERS & VISITORS CENTER PARKING E	PUBLIC	AS	1,087	90	97	90	97	97	97	90					
GUIS-0925FZ	72784	HEADQUARTERS & VISITORS CENTER PARKING F	PUBLIC	AS	449	90	97	90	97	97	97	90					
GUIS-0925GZ	72784	HEADQUARTERS & VISITORS CENTER PARKING G	PUBLIC	AS	1,142	90	97	90	90	97	97	90					
GUIS-0925HZ	72784	HEADQUARTERS & VISITORS CENTER PARKING H	PUBLIC	AS	626	90	97	90	97	97	97	90					
GUIS-0925IZ	72784	HEADQUARTERS & VISITORS CENTER PARKING I	PUBLIC	AS	1,848	90	97	90	97	97	97	90					
GUIS-0925JZ	72784	HEADQUARTERS & VISITORS CENTER PARKING J	PUBLIC	AS	656	90	97	90	97	97	97	90					
GUIS-0925KZ	72784	HEADQUARTERS & VISITORS CENTER PARKING K	PUBLIC	AS	1,804	90	97	97	97	97	97	90					
GUIS-0925LZ	72784	HEADQUARTERS & VISITORS CENTER PARKING L	PUBLIC	AS	1,244	97	97	97	97	97	97	97					
GUIS-0925MZ	72784	HEADQUARTERS & VISITORS CENTER PARKING M	PUBLIC	AS	3,209	90	97	90	97	97	97	90					
GUIS-0926	72786	PUBLIC PARKING #8	PUBLIC	AS	26,387	90	97	97	97	97	97	90					
GUIS-0927	72787	PUBLIC PARKING #7	PUBLIC	AS	32,452	90	97	97	97	90	97	97					
GUIS-0928	72789	OPAL BEACH PARKING #5	PUBLIC	AS	46,217	90	97	97	97	90	97	97					
GUIS-0929	72791	PUBLIC PARKING #6	PUBLIC	AS	25,224	90	97	97	97	97	90	97					
GUIS-0930	72793	OPAL BEACH PARKING #2 EAST	PUBLIC	AS	49,284	90	97	97	97	90	97	90					
GUIS-0931	72795	PUBLIC PARKING #1	PUBLIC	AS	26,214	90	97	90	97	97	90	90					
GUIS-0932	72796	OKALOOSA PARKING	PUBLIC	AS	70,073	90	90	90	90	90	97	90					
GUIS-0933	102988	BATTERY LANGDON PARKING	PUBLIC	AS	6,246	90	97	90	97	90	97	90					
GUIS-0934	102993	OPAL BEACH COMPLEX PARKING	NONPUBLIC	AS	4,985	90	97	97	97	97	97	90					
GUIS-0935	59589	NATURE TRAIL PARKING	PUBLIC	AS	9,077	53	97	53	97	97	97	90					
GUIS-0937	113842	OKALOOSA BOAT LAUNCH PARKING	PUBLIC	AS	16,380	53	90	53	90	90	97	90					
GUIS-0938	59057	FORT BARRANCAS PARKING	PUBLIC	AS	20,673	53	97	53	97	97	97	90					
GUIS-0941	108369	ADVANCE REDOUBT PARKING	PUBLIC	AS	18,059	53	90	53	90	73	97	73					

Data Collection Date: 03/2019

Federal Lands Highway
Road Inventory Program

Cycle 6 - Road Inventory Program

Parking Area Condition Summary Report

Gulf Islands National Seashore

Condition (Rating / Index) Legend

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

Notes:

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

Condition Rating Details for Paved Parking Areas

							Asphalt Surface Distresses						Concrete Surface Distresses				
Route No.	FMSS No.	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
GUIS-0945	113843	OKALOOSA PICNIC AREA PARKING	PUBLIC	AS	11,553	53	97	53	90	97	97	90					
GUIS-0954	116835	OPAL BEACH PARKING #4 WEST	PUBLIC	AS	42,583	90	97	97	97	97	97	90					
GUIS-0955	59515	OPAL BEACH PARKING #3 EAST	PUBLIC	AS	39,595	90	97	97	97	97	97	90					
GUIS-0957AZ	N/A	YATES HOUSE COMPOUND RV PARKING 1	NONPUBLIC	AS	865	73	90	90	97	97	97	73					
GUIS-0957BZ	N/A	YATES HOUSE COMPOUND RV PARKING 2	NONPUBLIC	AS	796	53	73	53	90	90	90	90					
GUIS-0958AZ	N/A	ENTRANCE STATION PARKING	PUBLIC	AS	1,727	97	97	97	97	97	97	97					
GUIS-0958BZ	N/A	BUS ENTRANCE STATION PARKING	PUBLIC	AS	1,085	97	97	97	97	97	97	97					
GUIS-0959	N/A	DAVIS BAYOU CAMPGROUND LOOP A RESTROOM PARKING	PUBLIC	AS	977	90	97	90	97	97	97	90					
GUIS-0961	N/A	FORT PICKENS CAMPGROUND MAIN LOOP A PARKING	PUBLIC	AS	5,919	90	97	90	97	97	97	97					

Data Collection Date: 03/2019

Section 4
Park Route Location Maps

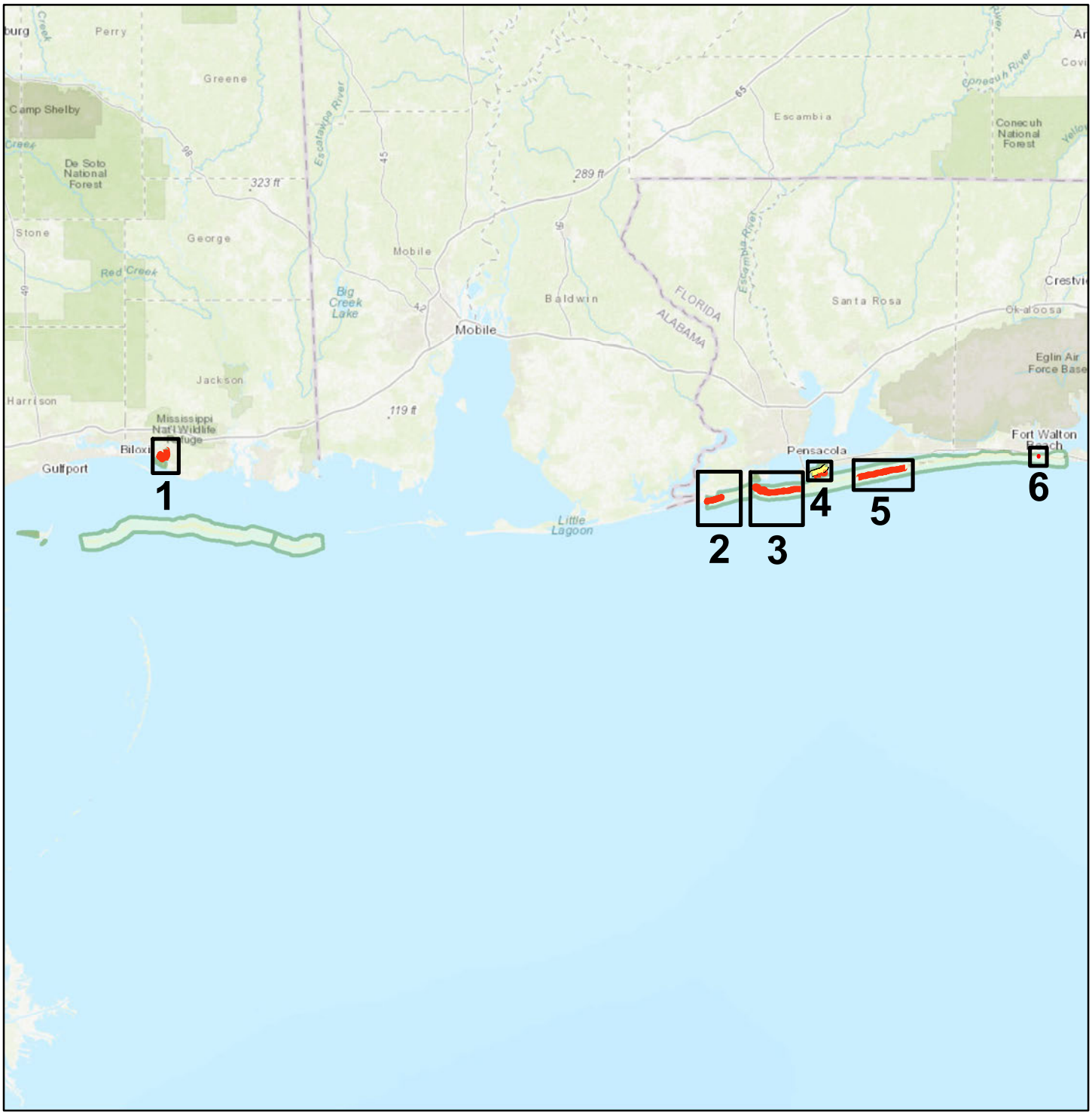
Gulf Islands National Seashore

Federal Lands Highway
Road Inventory Program

Gulf Islands National Seashore

ROUTE LOCATION MAP

Key Map



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

NPS Collected Routes

Non-NPS Collected Routes

Miles

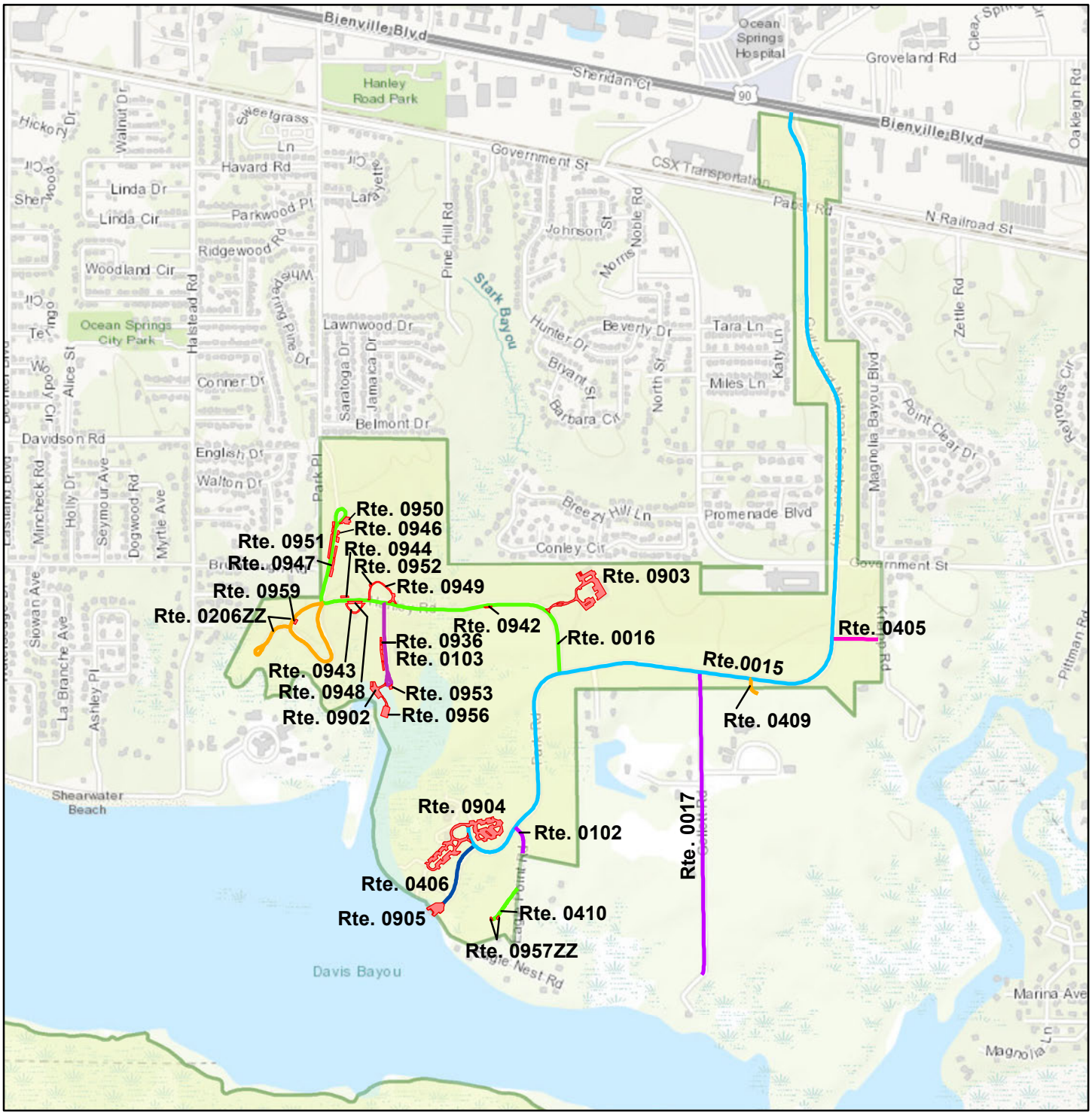
0 25 50

N

Gulf Islands National Seashore

ROUTE LOCATION MAP

Area Map 1



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

Note: Unique colors are used to differentiate roads

Miles

0 0.5 1

N

Gulf Islands National Seashore

ROUTE LOCATION MAP

Area Map 2

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

Note: Unique colors are used to differentiate roads

Miles

0 0.5 1

N

Gulf Islands National Seashore

ROUTE LOCATION MAP

Area Map 3

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

Note: Unique colors are used to differentiate roads

Miles

0 1.5 3

N

Gulf Islands National Seashore

ROUTE LOCATION MAP

Area Map 4

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

Note: Unique colors are used to differentiate roads

Non-NPS Collected Routes

Miles

0 0.5 1

N

Gulf Islands National Seashore

ROUTE LOCATION MAP

Area Map 5

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

Note: Unique colors are used to differentiate roads

Miles

0 1 2

N

Gulf Islands National Seashore

ROUTE LOCATION MAP

Area Map 6

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

Note: Unique colors are used to differentiate roads

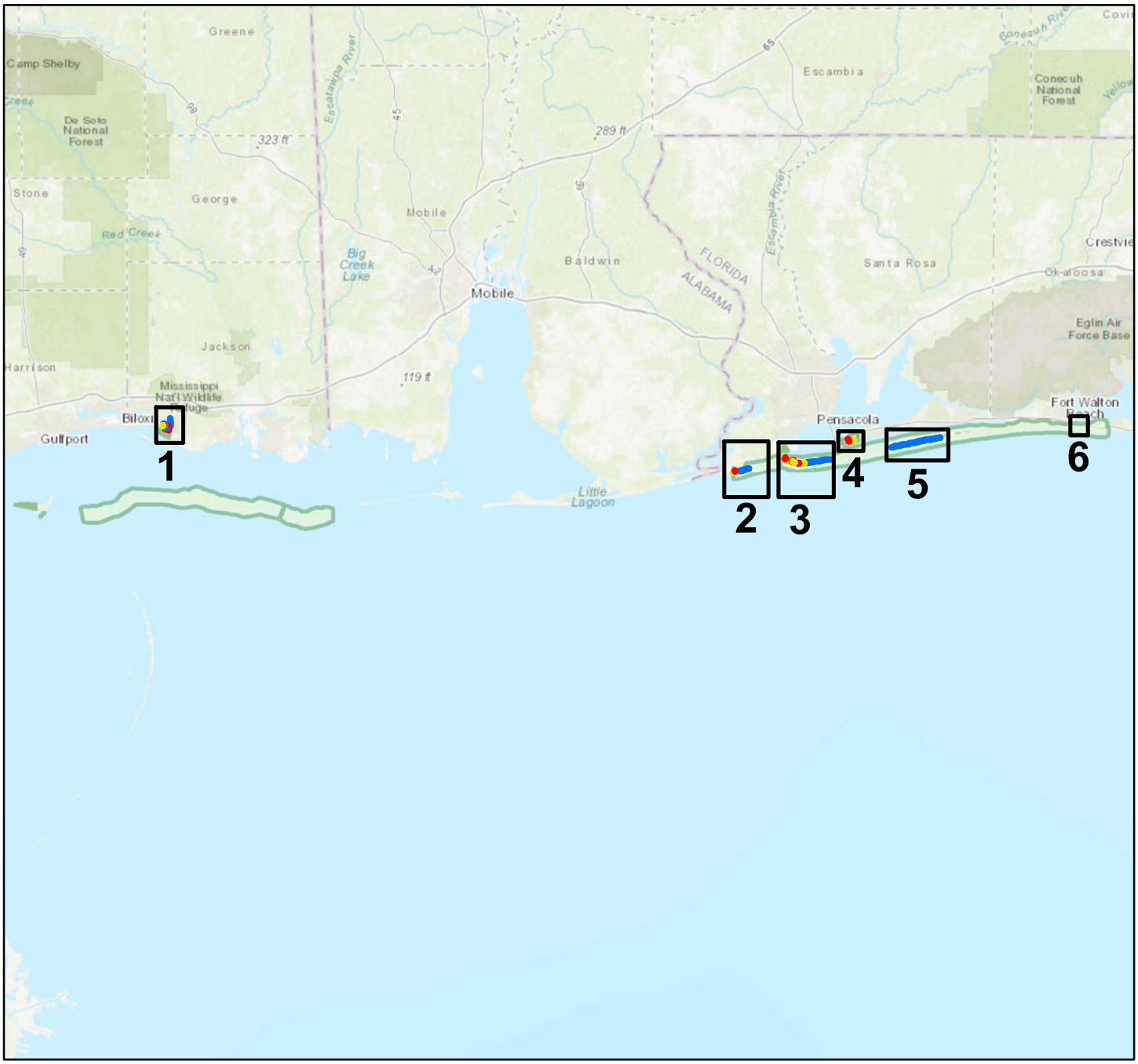
Miles

0 0.2 0.4

N

Gulf Islands National Seashore

ROUTE CONDITION MAP
PCR - MILE BY MILE
Key Map



Sources: Esri, HERE, Garmin, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), (c) 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

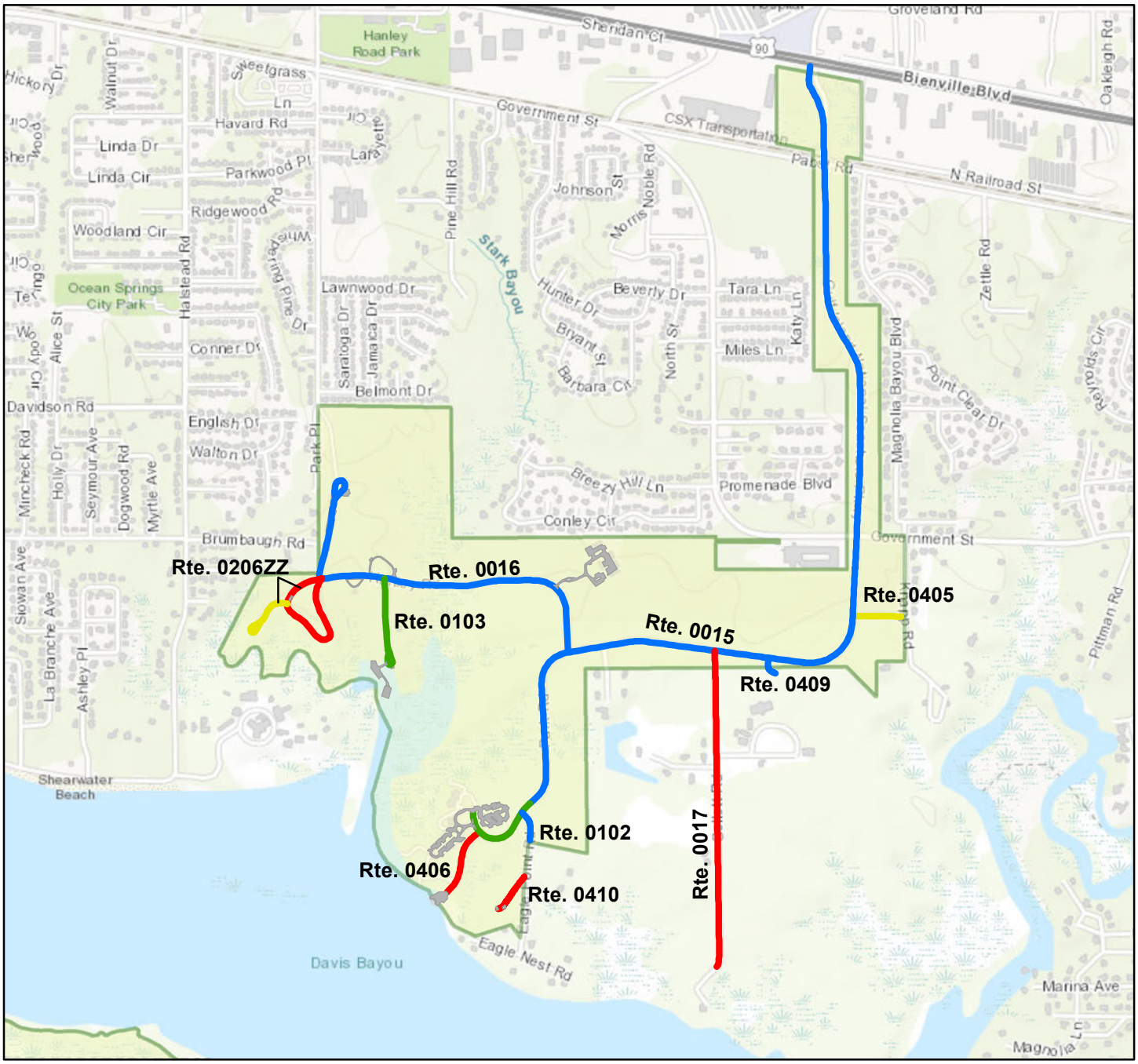
Colors on map represent condition scores at 1-mile intervals. See Appendix for definitions and formulas
Only Data Collection Vehicle and Manually Rated Roads are displayed

Miles
0 25 50

N

Gulf Islands National Seashore

ROUTE CONDITION MAP
PCR - MILE BY MILE
Area Map 1



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

Colors on map represent condition scores at 1-mile intervals. See Appendix for definitions and formulas
Only Data Collection Vehicle and Manually Rated Roads are displayed

Miles
0 0.5 1

N

Gulf Islands National Seashore

ROUTE CONDITION MAP
PCR - MILE BY MILE
Area Map 2

Sources: Esri, HERE, Garmin, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), (c) 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

Colors on map represent condition scores at 1-mile intervals. See Appendix for definitions and formulas
Only Data Collection Vehicle and Manually Rated Roads are displayed

Miles
0 0.5 1

N

Gulf Islands National Seashore

ROUTE CONDITION MAP
PCR - MILE BY MILE
Area Map 3

Sources: Esri, HERE, Garmin, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), (c) 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

Colors on map represent condition scores at 1-mile intervals. See Appendix for definitions and formulas
Only Data Collection Vehicle and Manually Rated Roads are displayed

Miles
0 1.5 3

N

Gulf Islands National Seashore

ROUTE CONDITION MAP
PCR - MILE BY MILE
Area Map 4

Sources: Esri, HERE, Garmin, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), (c) 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

Colors on map represent condition scores at 1-mile intervals. See Appendix for definitions and formulas
Only Data Collection Vehicle and Manually Rated Roads are displayed

Miles

0 0.5 1

N

Gulf Islands National Seashore

ROUTE CONDITION MAP
PCR - MILE BY MILE
Area Map 5

Sources: Esri, HERE, Garmin, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), (c) 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

Colors on map represent condition scores at 1-mile intervals. See Appendix for definitions and formulas
Only Data Collection Vehicle and Manually Rated Roads are displayed

Miles
0 1 2

N

Gulf Islands National Seashore

ROUTE CONDITION MAP
PCR - MILE BY MILE
Area Map 6

Sources: Esri, HERE, Garmin, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), (c) 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

Colors on map represent condition scores at 1-mile intervals. See Appendix for definitions and formulas
Only Data Collection Vehicle and Manually Rated Roads are displayed

Miles
0 0.2 0.4

N

Section 5
Paved Road Condition Rating Sheets

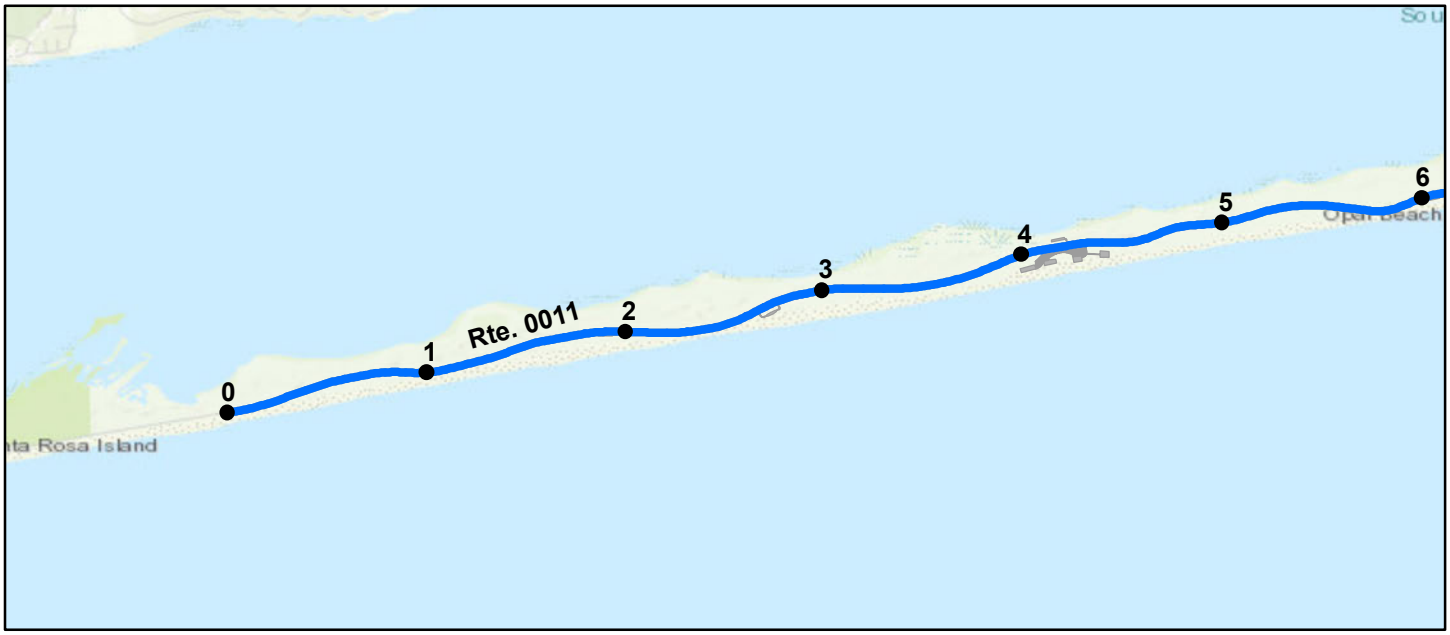
Gulf Islands National Seashore

Federal Lands Highway
Road Inventory Program

Gulf Islands National Seashore

ROUTE 0011: J. EARLE BOWDEN WAY / STATE HIGHWAY 399

Data Collection Vehicle (DCV) Rating



Sources: Esri, HERE, Garmin, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), (c) 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**

Colors on map represent condition scores at 0.10-mile intervals. See Appendix for definitions and formulas.

Inspection Date: 4/11/2019	**Beginning Section MP**	0	1	2	3	4
Paved Length (Miles): 7.29	**Section Length (MI)**	1	1	1	1	1
Surface Type: ASPHALT	**Route Summary**					
Roadway Condition Information						
Pavement Condition Rating (PCR)	100	100	100	100	100	100
Surface Condition Rating (SCR)	100	100	100	100	100	100
Roughness Condition Index (RCI)	100	100	100	100	100	100
Distress Index Values						
Structural Crack Index	100	100	100	100	100	100
Alligator Crack Index	100	100	100	100	100	100
Longitudinal Crack Index	100	100	100	100	100	100
Transverse Cracking Index	100	100	100	100	100	100
Patching Index	100	100	100	100	100	100
Rutting Index	100	100	100	100	100	100
International Roughness Index (IRI)	63	73	63	59	58	60
Lane & Width Information						
Number of Lanes	2	2	2	2	2	2
Paved Width (ft)	34.3	33.6	34.2	34.3	34.1	37.2
Lane Width (ft)	10.9	10.8	11	10.9	11	11.2

Gulf Islands National Seashore

ROUTE 0011: J. EARLE BOWDEN WAY / STATE HIGHWAY 399

Data Collection Vehicle (DCV) Rating

Sources: Esri, HERE, Garmin, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), (c) 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

Colors on map represent condition scores at 0.10-mile intervals. See Appendix for definitions and formulas.

Inspection Date: 4/11/2019	**Beginning Section MP**	5	6	7		
Paved Length (Miles): 7.29	**Section Length (MI)**	1	1	0.29		
Surface Type: ASPHALT	**Route Summary**					
Roadway Condition Information						
Pavement Condition Rating (PCR)	100	100	100	100		
Surface Condition Rating (SCR)	100	100	100	100		
Roughness Condition Index (RCI)	100	100	100	100		
Distress Index Values						
Structural Crack Index	100	100	100	100		
Alligator Crack Index	100	100	100	100		
Longitudinal Crack Index	100	100	100	100		
Transverse Cracking Index	100	100	100	100		
Patching Index	100	100	100	100		
Rutting Index	100	100	100	100		
International Roughness Index (IRI)	63	68	60	64		
Lane & Width Information						
Number of Lanes	2	2	2	2		
Paved Width (ft)	34.3	34	33.3	33		
Lane Width (ft)	10.9	10.9	10.5	11		

Gulf Islands National Seashore

ROUTE 0012: FORT PICKENS ROAD

Data Collection Vehicle (DCV) Rating

Sources: Esri, HERE, Garmin, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), (c) 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

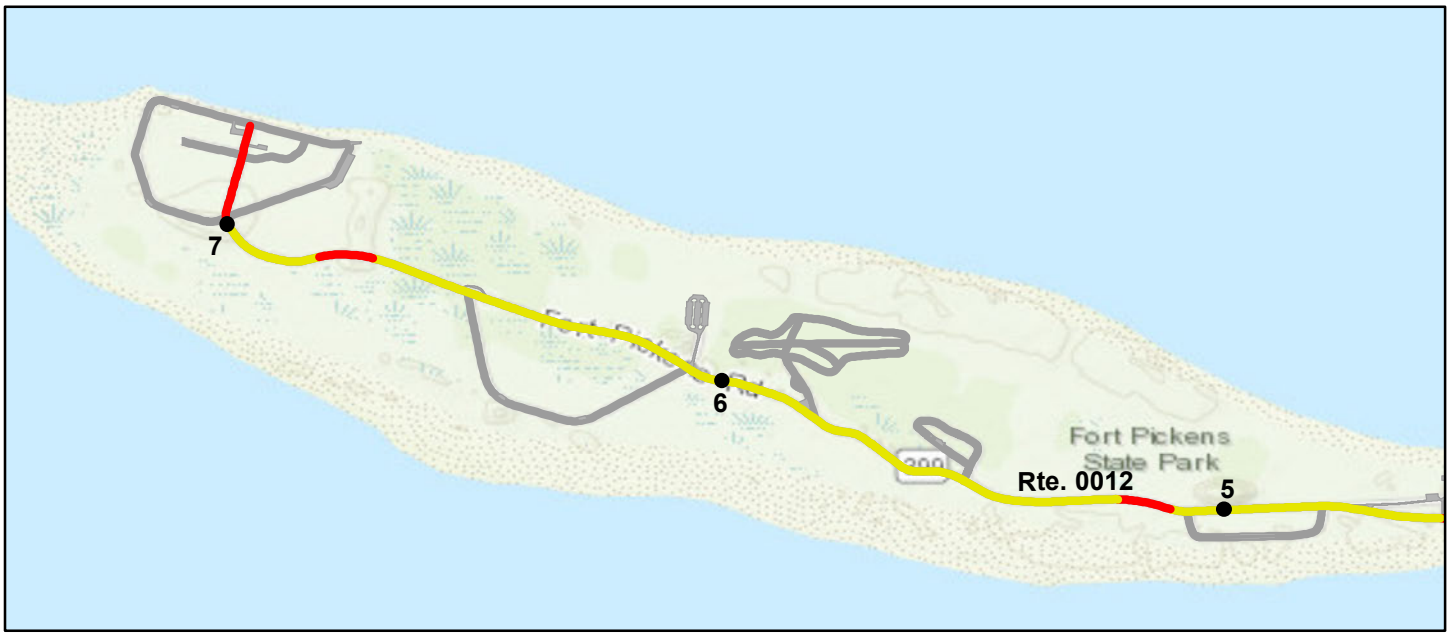
Colors on map represent condition scores at 0.10-mile intervals. See Appendix for definitions and formulas.

Inspection Date: 4/13/2019	**Beginning Section MP**	0	1	2	3	4
Paved Length (Miles): 7.22	**Section Length (MI)**	1	1	1	1	1
Surface Type: ASPHALT	**Route Summary**					
Roadway Condition Information						
Pavement Condition Rating (PCR)	87	99	100	97	99	77
Surface Condition Rating (SCR)	78	99	100	95	99	62
Roughness Condition Index (RCI)	100	100	100	100	100	100
Distress Index Values						
Structural Crack Index	97	100	100	100	100	86
Alligator Crack Index	100	100	100	100	100	100
Longitudinal Crack Index	97	100	100	100	100	86
Transverse Cracking Index	78	100	100	100	100	62
Patching Index	100	100	100	100	99	100
Rutting Index	99	99	100	95	99	99
International Roughness Index (IRI)	96	82	68	108	115	84
Lane & Width Information						
Number of Lanes	2	2	2	2	2	2
Paved Width (ft)	24.8	27	27.1	27.7	28.9	27.3
Lane Width (ft)	9.3	9.7	9.9	9.9	10	9.6

Gulf Islands National Seashore

ROUTE 0012: FORT PICKENS ROAD

Data Collection Vehicle (DCV) Rating



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Route Condition Legend – Pavement Condition Rating (PCR)

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

Colors on map represent condition scores at 0.10-mile intervals. See Appendix for definitions and formulas.

Inspection Date: 4/13/2019	**Beginning Section MP**	5	6	7		
Paved Length (Miles): 7.22	**Section Length (MI)**	1	1	0.21		
Surface Type: ASPHALT	**Route Summary**					
Roadway Condition Information						
Pavement Condition Rating (PCR)	87	66	69	56		
Surface Condition Rating (SCR)	78	44	49	30		
Roughness Condition Index (RCI)	100	100	100	95		
Distress Index Values						
Structural Crack Index	97	97	98	92		
Alligator Crack Index	100	100	100	100		
Longitudinal Crack Index	97	97	98	92		
Transverse Cracking Index	78	44	49	30		
Patching Index	100	100	100	100		
Rutting Index	99	99	100	99		
International Roughness Index (IRI)	96	104	104	128		
Lane & Width Information						
Number of Lanes	2	2	2	2		
Paved Width (ft)	24.8	18.2	18.5	18.7		
Lane Width (ft)	9.3	8.1	8	8		

Gulf Islands National Seashore

ROUTE 0013: JOHNSON BEACH ROAD

Data Collection Vehicle (DCV) Rating

Sources: Esri, HERE, Garmin, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), (c) 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

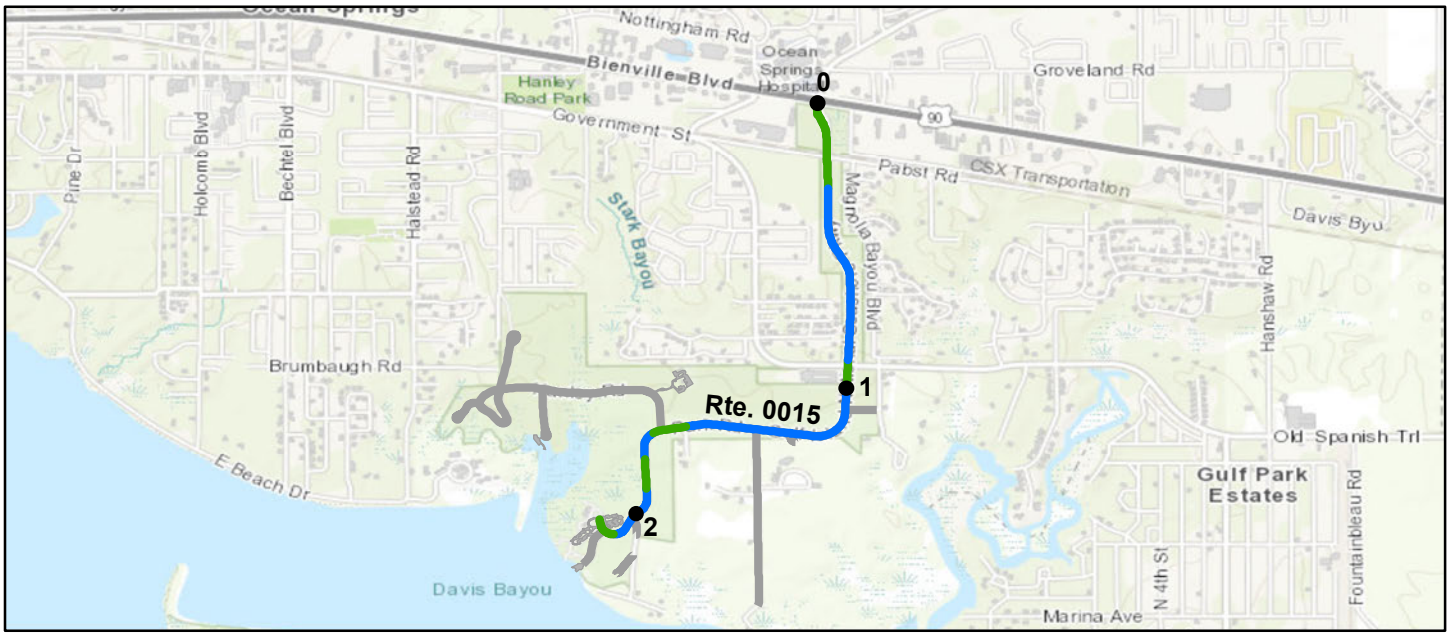
Colors on map represent condition scores at 0.10-mile intervals. See Appendix for definitions and formulas.

Inspection Date: 4/11/2019	**Beginning Section MP**	0	1	2		
Paved Length (Miles): 2.48	**Section Length (MI)**	1	1	0.48		
Surface Type: ASPHALT	**Route Summary**					
Roadway Condition Information						
Pavement Condition Rating (PCR)	92	83	97	96		
Surface Condition Rating (SCR)	92	83	97	96		
Roughness Condition Index (RCI)	N/A	N/A	N/A	N/A		
Distress Index Values						
Structural Crack Index	96	96	97	96		
Alligator Crack Index	100	100	100	100		
Longitudinal Crack Index	96	96	97	96		
Transverse Cracking Index	92	83	97	99		
Patching Index	100	100	100	100		
Rutting Index	100	100	100	100		
International Roughness Index (IRI)	N/A	N/A	N/A	N/A		
Lane & Width Information						
Number of Lanes	2	2	2	2		
Paved Width (ft)	23.6	23.8	24	22.7		
Lane Width (ft)	10.5	10.4	10.5	10.9		

Gulf Islands National Seashore

ROUTE 0015: PARK ROAD

Data Collection Vehicle (DCV) Rating



Sources: Esri, HERE, Garmin, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), (c) 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

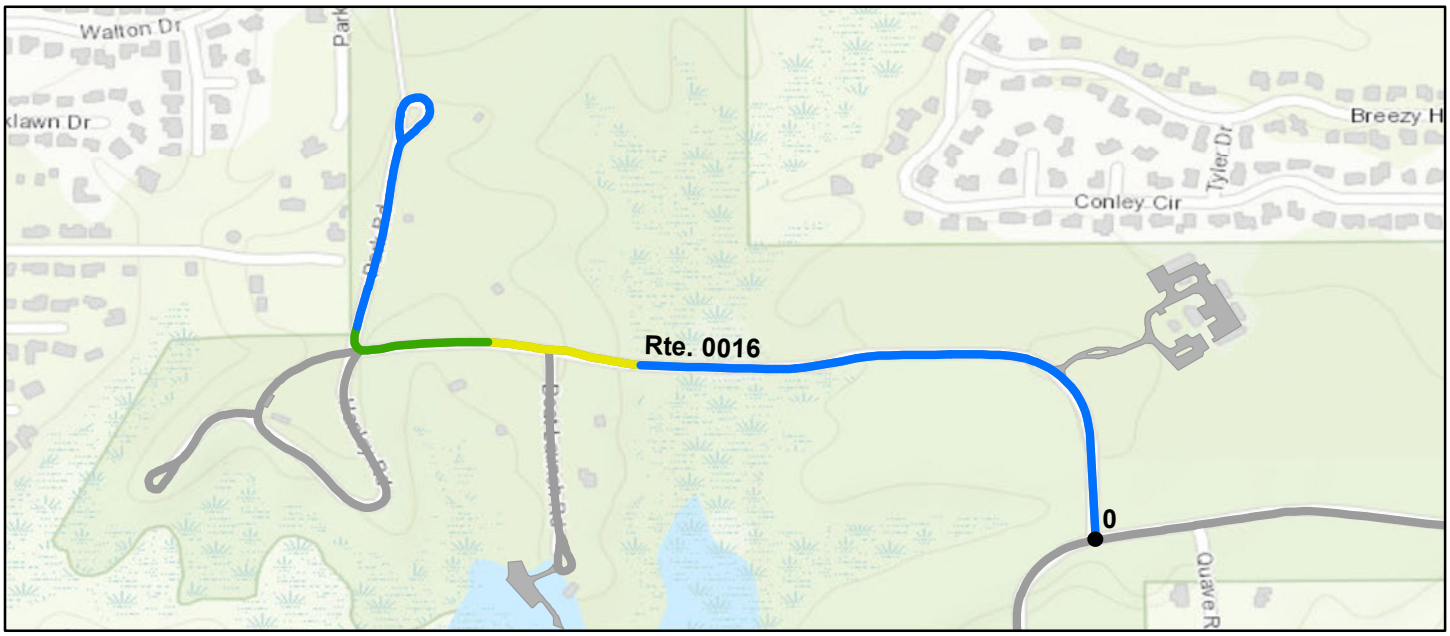
Colors on map represent condition scores at 0.10-mile intervals. See Appendix for definitions and formulas.

Inspection Date: 4/13/2019	**Beginning Section MP**	0	1	2		
Paved Length (Miles): 2.17	**Section Length (MI)**	1	1	0.17		
Surface Type: ASPHALT	**Route Summary**					
Roadway Condition Information						
Pavement Condition Rating (PCR)	97	98	96	93		
Surface Condition Rating (SCR)	95	96	94	96		
Roughness Condition Index (RCI)	100	100	100	89		
Distress Index Values						
Structural Crack Index	99	99	99	100		
Alligator Crack Index	100	100	100	100		
Longitudinal Crack Index	99	99	99	100		
Transverse Cracking Index	95	96	94	96		
Patching Index	100	100	100	100		
Rutting Index	100	100	100	99		
International Roughness Index (IRI)	107	106	102	142		
Lane & Width Information						
Number of Lanes	2	2	2	2		
Paved Width (ft)	23.8	25.5	22.5	22.1		
Lane Width (ft)	9.9	10	9.8	9.3		

Gulf Islands National Seashore

ROUTE 0016: ROBERT MCGEE ROAD

Data Collection Vehicle (DCV) Rating



Sources: Esri, HERE, Garmin, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), (c) 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

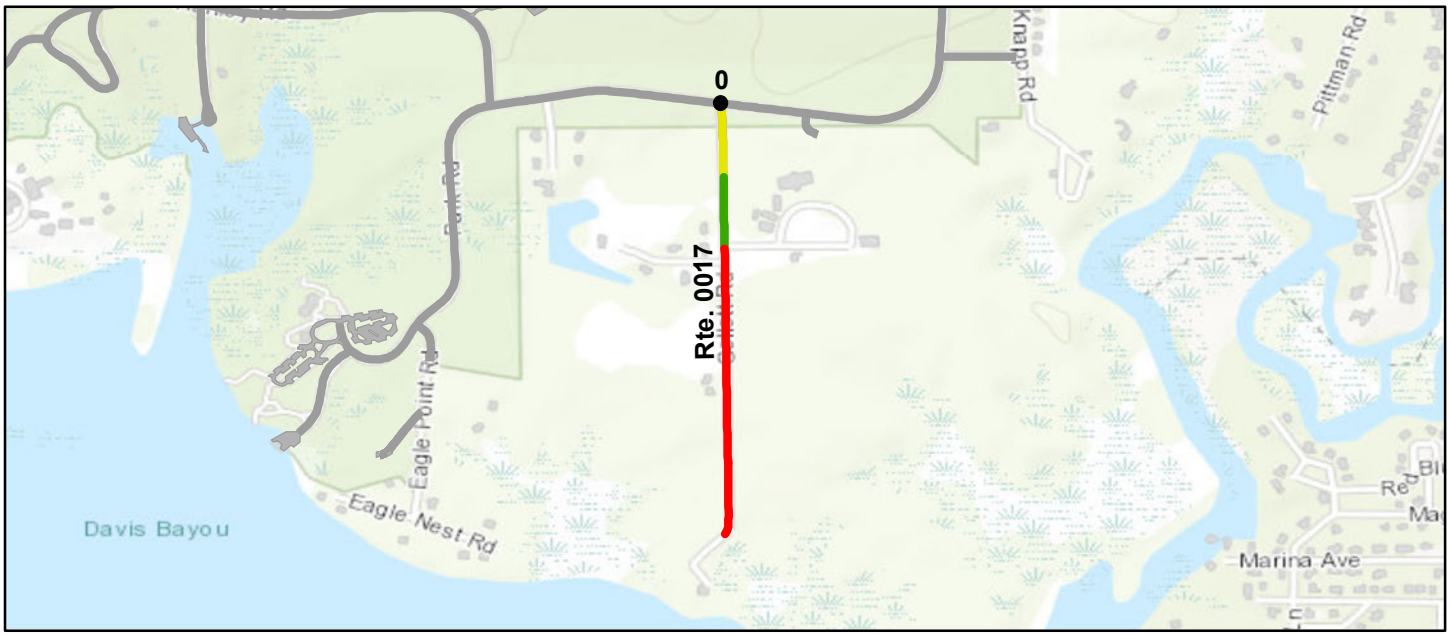
Colors on map represent condition scores at 0.10-mile intervals. See Appendix for definitions and formulas.

Inspection Date: 4/13/2019	**Beginning Section MP**	0				
Paved Length (Miles): 0.82	**Section Length (MI)**	0.82				
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	95	95				
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)	21	21				
Lane Width (ft)	9.4	9.4				

Gulf Islands National Seashore

ROUTE 0017: GOLLOTT ROAD

Data Collection Vehicle (DCV) Rating



Sources: Esri, HERE, Garmin, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), (c) 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

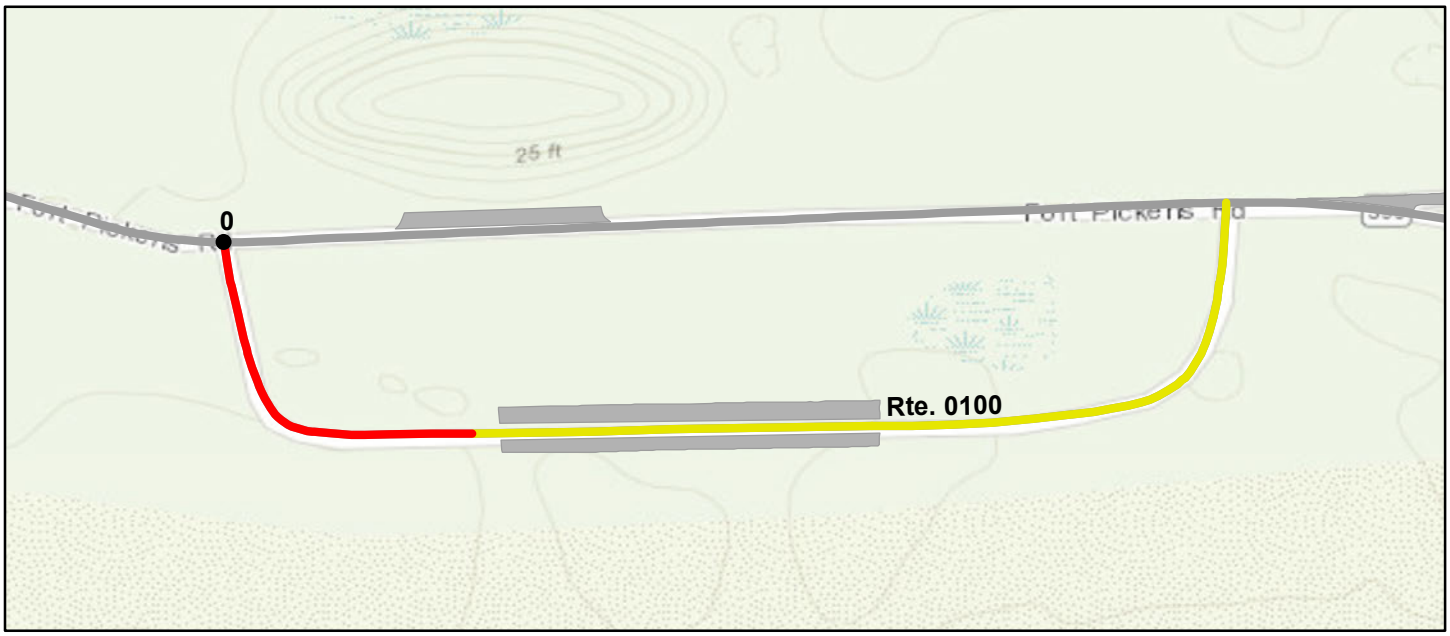
Colors on map represent condition scores at 0.10-mile intervals. See Appendix for definitions and formulas.

Inspection Date: 4/13/2019	**Beginning Section MP**	0				
Paved Length (Miles): 0.6	**Section Length (MI)**	0.6				
Surface Type: ASPHALT	**Route Summary**					
Roadway Condition Information						
Pavement Condition Rating (PCR)	43	43				
Surface Condition Rating (SCR)	40	40				
Roughness Condition Index (RCI)	47	47				
Distress Index Values						
Structural Crack Index	40	40				
Alligator Crack Index	81	81				
Longitudinal Crack Index	59	59				
Transverse Cracking Index	73	73				
Patching Index	99	99				
Rutting Index	92	92				
International Roughness Index (IRI)	297	297				
Lane & Width Information						
Number of Lanes	1	1				
Paved Width (ft)	12.7	12.7				
Lane Width (ft)	12.1	12.1				

Gulf Islands National Seashore

ROUTE 0100: LANGDON BEACH ACCESS ROAD

Data Collection Vehicle (DCV) Rating



Sources: Esri, HERE, Garmin, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), (c) 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

Colors on map represent condition scores at 0.10-mile intervals. See Appendix for definitions and formulas.

Inspection Date: 4/12/2019	**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)	60	60				
Surface Condition Rating (SCR)	60	60				
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	60	60				
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)	20.1	20.1				
Lane Width (ft)	9.1	9.1				

Gulf Islands National Seashore

ROUTE 0102: EAGLE POINT ROAD

Data Collection Vehicle (DCV) Rating

Sources: Esri, HERE, Garmin, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), (c) 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

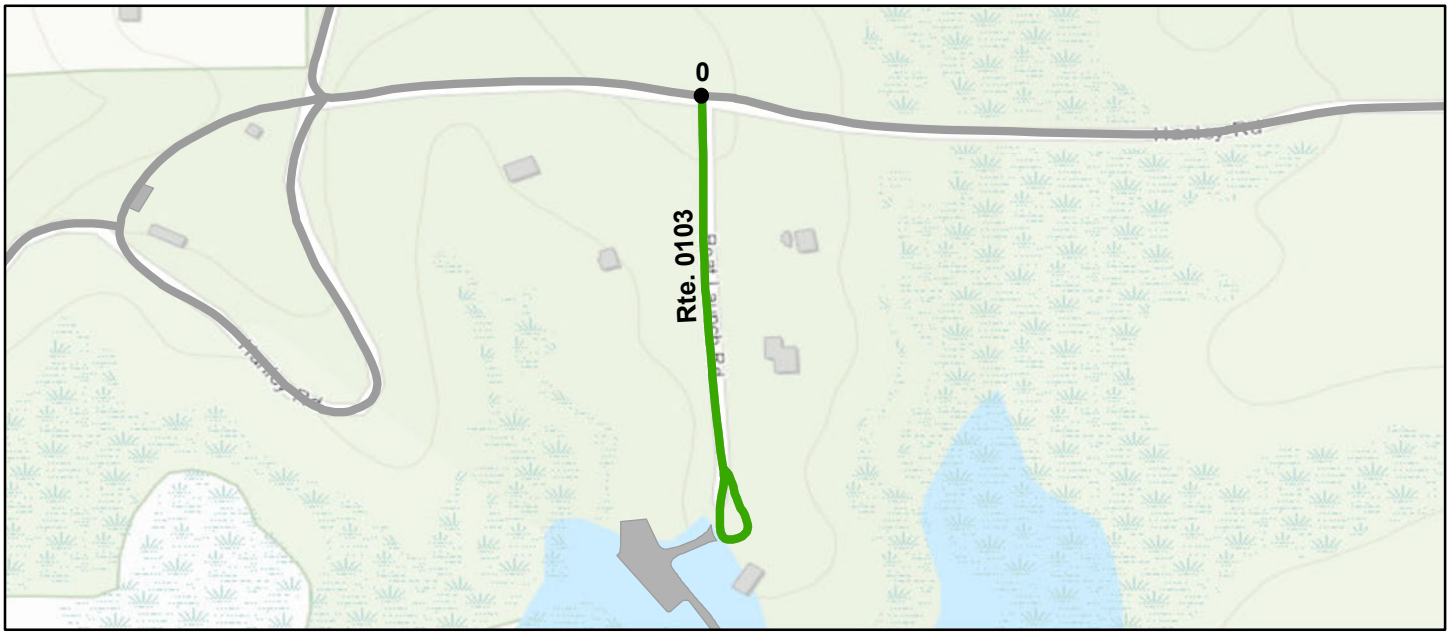
Colors on map represent condition scores at 0.10-mile intervals. See Appendix for definitions and formulas.

Inspection Date: 4/13/2019	**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)	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	98	98				
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)	16.8	16.8				
Lane Width (ft)	8.4	8.4				

Gulf Islands National Seashore

ROUTE 0103: BOAT LAUNCH ROAD

Data Collection Vehicle (DCV) Rating



Sources: Esri, HERE, Garmin, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), (c) 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

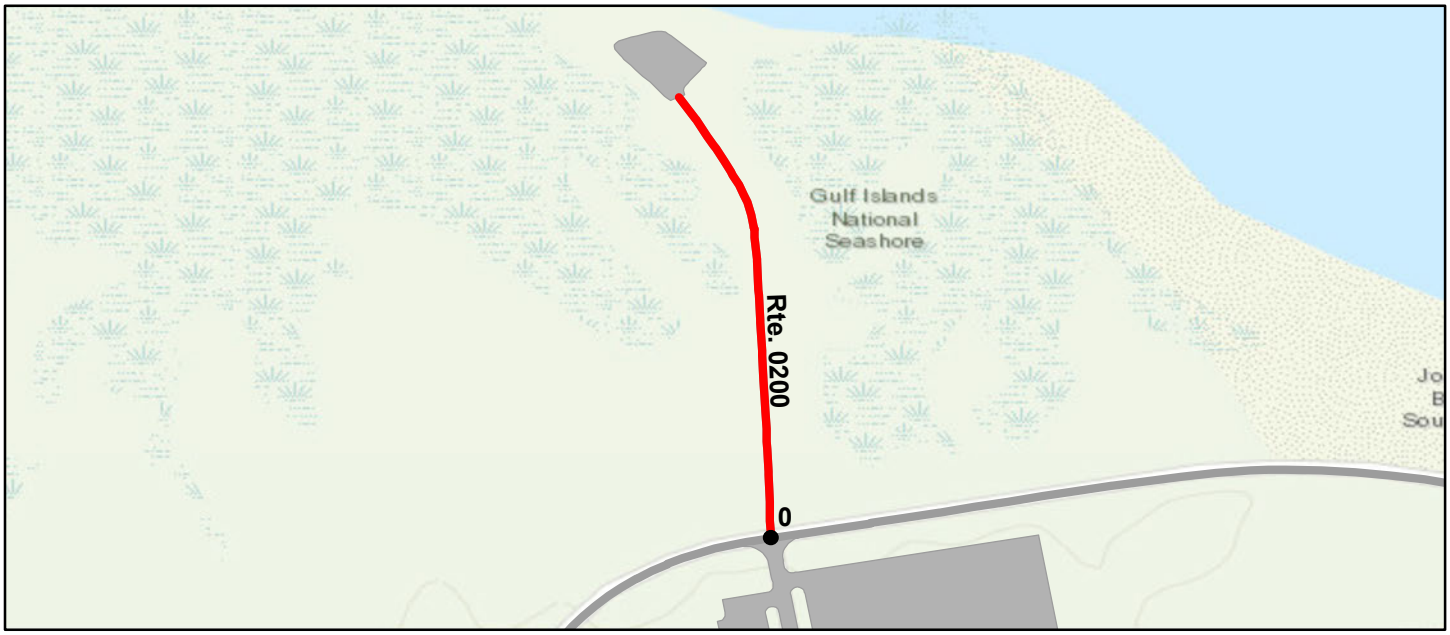
Colors on map represent condition scores at 0.10-mile intervals. See Appendix for definitions and formulas.

Inspection Date: 4/13/2019	**Beginning Section MP**	0				
Paved Length (Miles): 0.19	**Section Length (MI)**	0.19				
Surface Type: ASPHALT	**Route Summary**					
Roadway Condition Information						
Pavement Condition Rating (PCR)	86	86				
Surface Condition Rating (SCR)	86	86				
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	86	86				
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)	17.6	17.6				
Lane Width (ft)	9.2	9.2				

Gulf Islands National Seashore

ROUTE 0200: NATURE TRAIL ACCESS ROAD

Data Collection Vehicle (DCV) Rating



Sources: Esri, HERE, Garmin, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), (c) 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

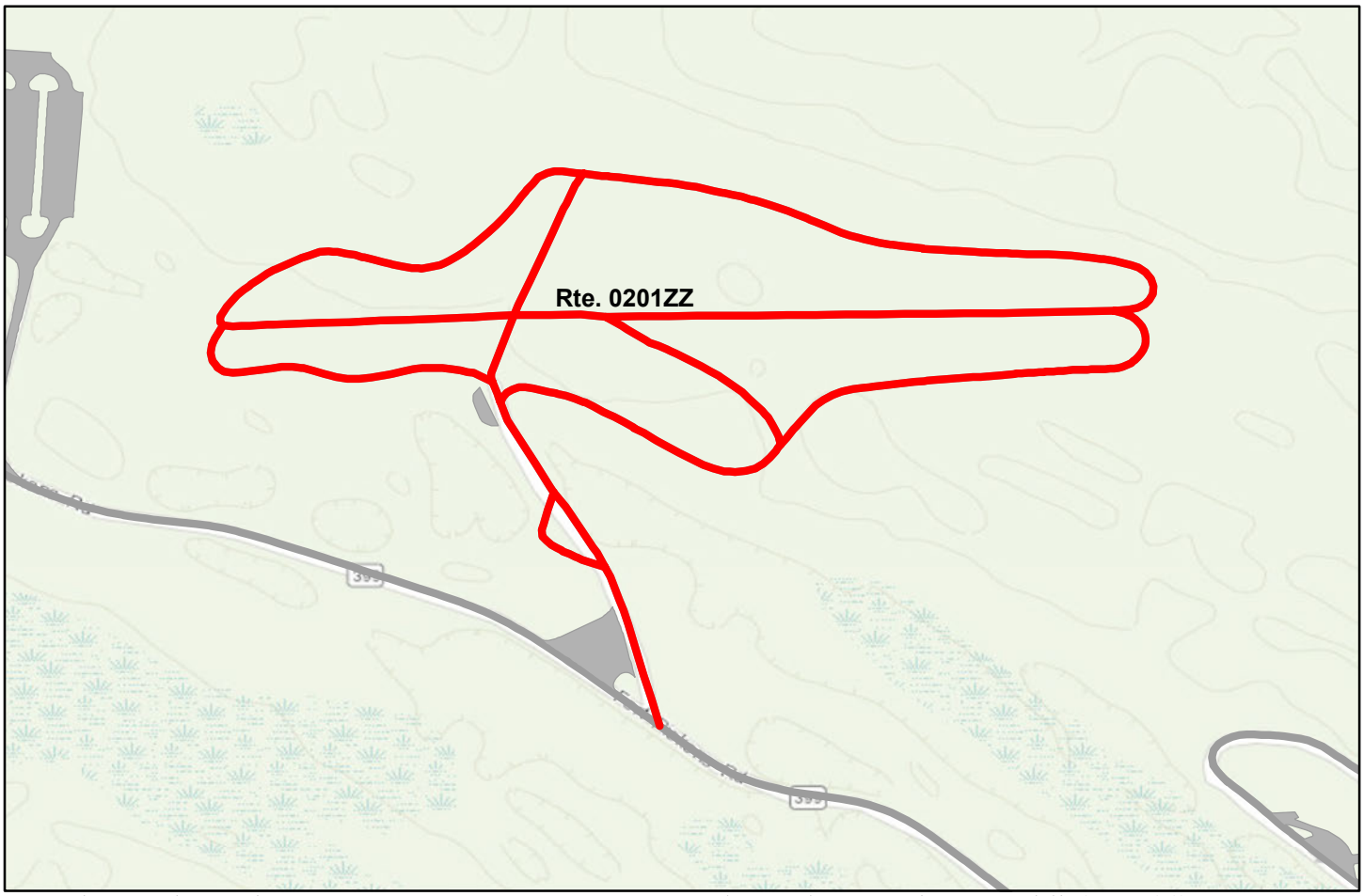
Colors on map represent condition scores at 0.10-mile intervals. See Appendix for definitions and formulas.

Inspection Date: 4/11/2019	**Beginning Section MP**	0				
Paved Length (Miles): 0.15	**Section Length (MI)**	0.15				
Surface Type: ASPHALT	**Route Summary**					
Roadway Condition Information						
Pavement Condition Rating (PCR)	44	44				
Surface Condition Rating (SCR)	44	44				
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	44	44				
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)	20.3	20.3				
Lane Width (ft)	8.2	8.2				

Gulf Islands National Seashore

ROUTE 0201ZZ: FORT PICKENS CAMPGROUND LOOPS B-E

Summary Route



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

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

Route Condition Legend – Pavement Condition Rating (PCR)

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

See Appendix for definitions and formulas

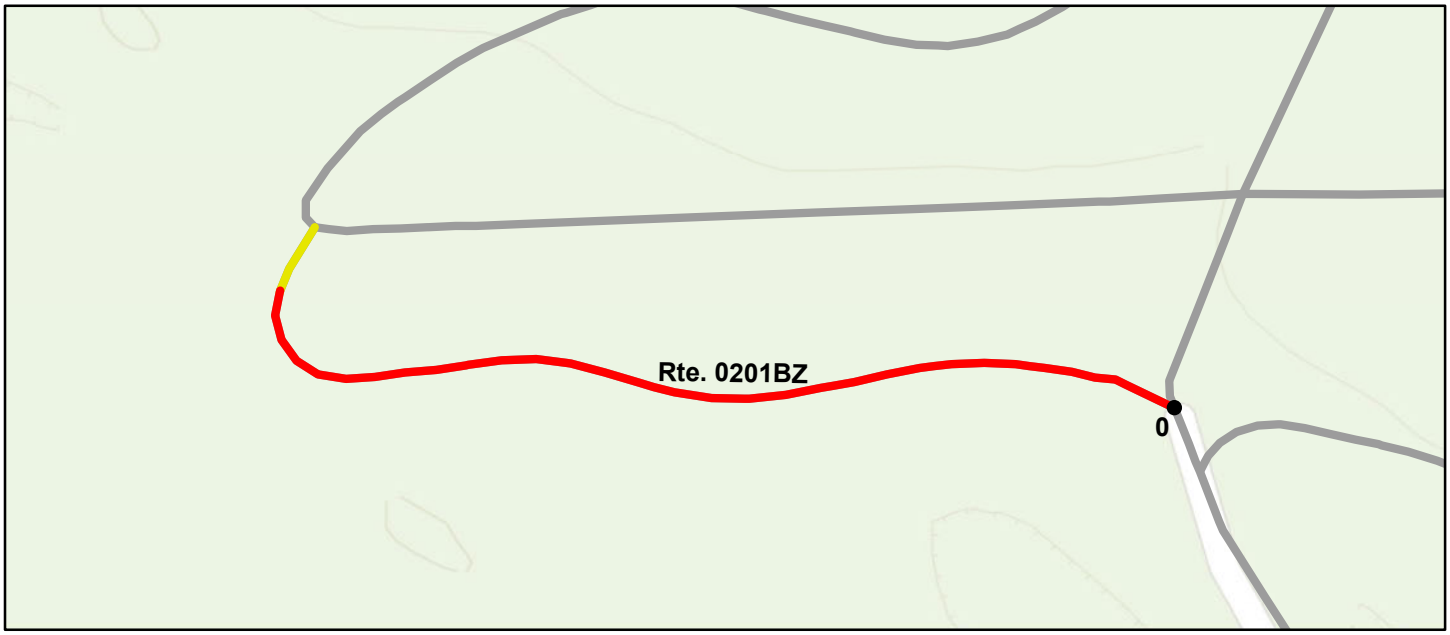
Inspection Date: 4/12/2019							
Paved Length (Miles): 1.37							
Surface Type: ASPHALT	**Route Summary**						
Roadway Condition Information							
Pavement Condition Rating (PCR)	55						
Lane & Width Information							
Number of Lanes	1						
Paved Width (ft)	12.3						
Lane Width (ft)	10.9						

Gulf Islands National Seashore

ROUTE 0201BZ: FORT PICKENS CAMPGROUND LOOP B

Subcomponent of Route GUIS-0201ZZ

Data Collection Vehicle (DCV) Rating



Sources: Esri, HERE, Garmin, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), (c) 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

Colors on map represent condition scores at 0.10-mile intervals. See Appendix for definitions and formulas.

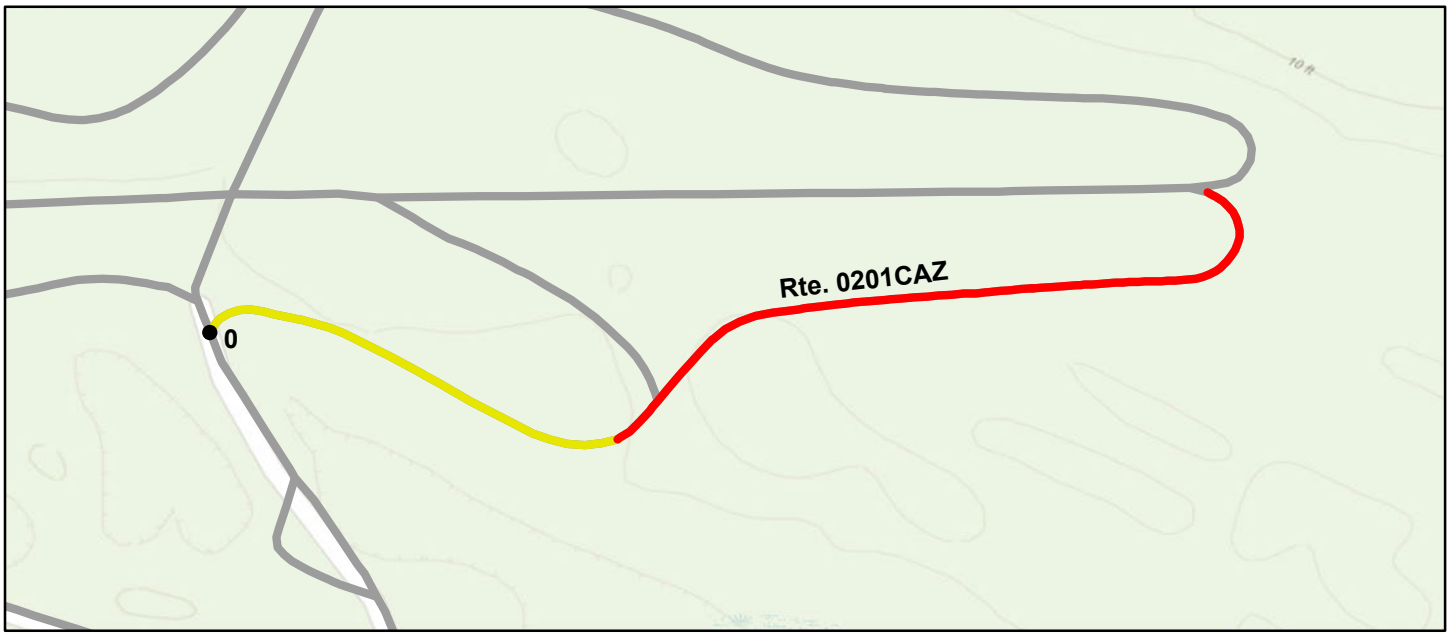
Inspection Date: 4/12/2019	**Beginning Section MP**	0				
Paved Length (Miles): 0.11	**Section Length (MI)**	0.11				
Surface Type: ASPHALT	**Route Summary**					
Roadway Condition Information						
Pavement Condition Rating (PCR)	39	39				
Surface Condition Rating (SCR)	39	39				
Roughness Condition 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	39	39				
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)	11.3	11.3				
Lane Width (ft)	11.3	11.3				

Gulf Islands National Seashore

ROUTE 0201CAZ: FORT PICKENS CAMPGROUND LOOP C SITES C26 - C49

Subcomponent of Route GUIS-0201ZZ

Data Collection Vehicle (DCV) Rating



Sources: Esri, HERE, Garmin, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), (c) 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

Colors on map represent condition scores at 0.10-mile intervals. See Appendix for definitions and formulas.

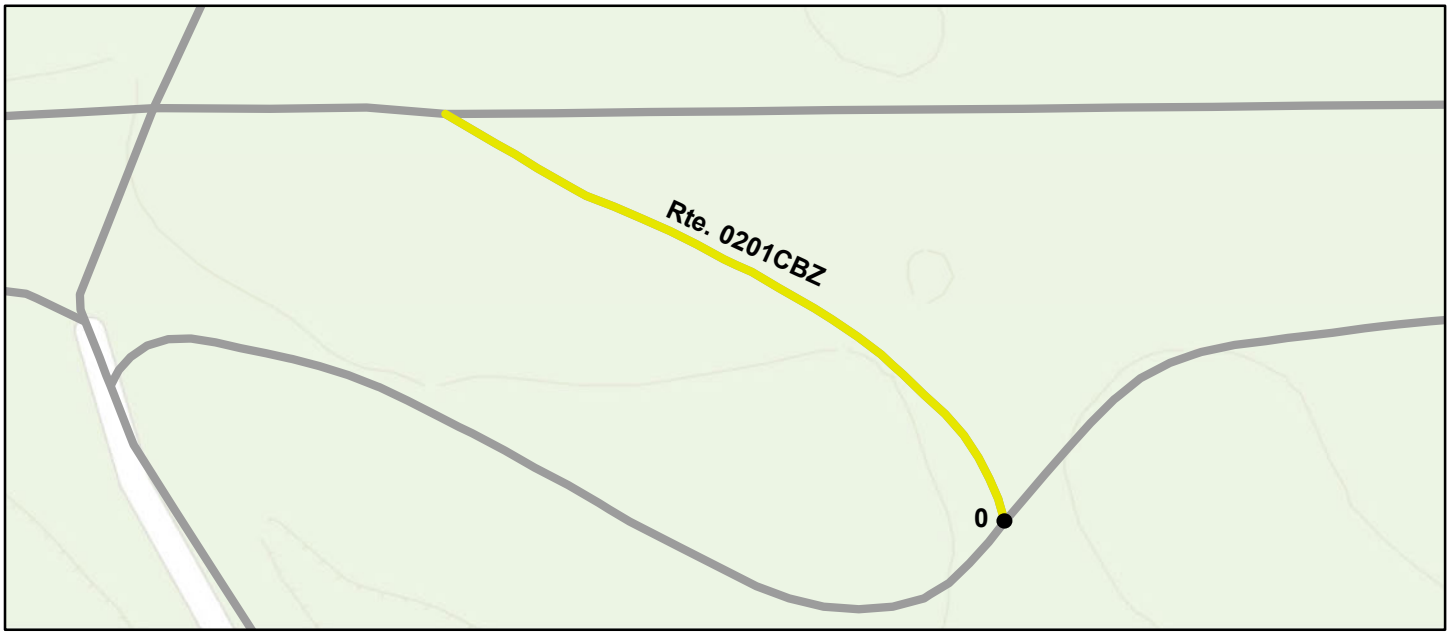
Inspection Date: 4/12/2019	**Beginning Section MP**	0				
Paved Length (Miles): 0.26	**Section Length (MI)**	0.26				
Surface Type: ASPHALT	**Route Summary**					
Roadway Condition Information						
Pavement Condition Rating (PCR)	59	59				
Surface Condition Rating (SCR)	59	59				
Roughness Condition 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	59	59				
Patching Index	100	100				
Rutting Index	98	98				
International Roughness Index (IRI)	N/A	N/A				
Lane & Width Information						
Number of Lanes	1	1				
Paved Width (ft)	11.2	11.2				
Lane Width (ft)	11.2	11.2				

Gulf Islands National Seashore

ROUTE 0201CBZ: FORT PICKENS CAMPGROUND LOOP C SITES C14 - C25

Subcomponent of Route GUIS-0201ZZ

Data Collection Vehicle (DCV) Rating



Sources: Esri, HERE, Garmin, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), (c) 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

Colors on map represent condition scores at 0.10-mile intervals. See Appendix for definitions and formulas.

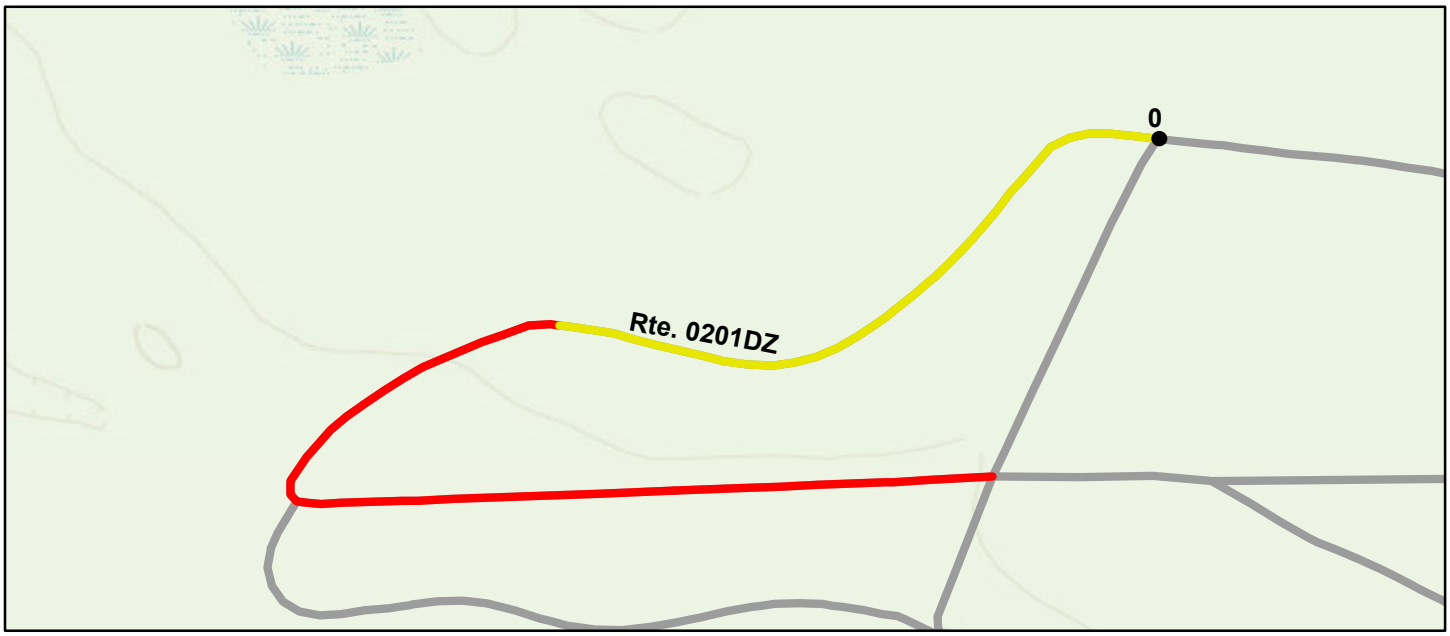
Inspection Date: 4/12/2019	**Beginning Section MP**	0				
Paved Length (Miles): 0.08	**Section Length (MI)**	0.08				
Surface Type: ASPHALT	**Route Summary**					
Roadway Condition Information						
Pavement Condition Rating (PCR)	65	65				
Surface Condition Rating (SCR)	65	65				
Roughness Condition 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	65	65				
Patching Index	100	100				
Rutting Index	93	93				
International Roughness Index (IRI)	N/A	N/A				
Lane & Width Information						
Number of Lanes	1	1				
Paved Width (ft)	11.4	11.4				
Lane Width (ft)	11.4	11.4				

Gulf Islands National Seashore

ROUTE 0201DZ: FORT PICKENS CAMPGROUND LOOP D

Subcomponent of Route GUIS-0201ZZ

Data Collection Vehicle (DCV) Rating



Sources: Esri, HERE, Garmin, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), (c) 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

Colors on map represent condition scores at 0.10-mile intervals. See Appendix for definitions and formulas.

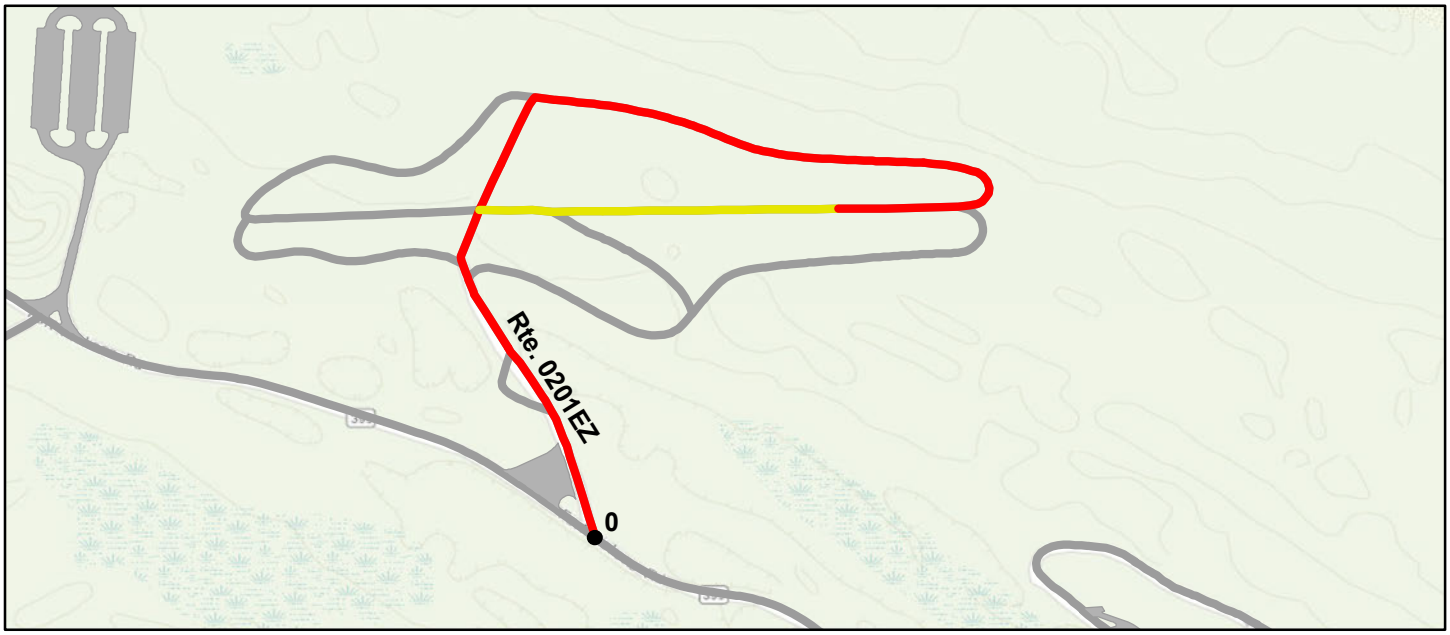
Inspection Date: 4/12/2019	**Beginning Section MP**	0				
Paved Length (Miles): 0.24	**Section Length (MI)**	0.24				
Surface Type: ASPHALT	**Route Summary**					
Roadway Condition Information						
Pavement Condition Rating (PCR)	57	57				
Surface Condition Rating (SCR)	57	57				
Roughness Condition 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	57	57				
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)	10.8	10.8				
Lane Width (ft)	10.8	10.8				

Gulf Islands National Seashore

ROUTE 0201EZ: FORT PICKENS CAMPGROUND LOOP E

Subcomponent of Route GUIS-0201ZZ

Data Collection Vehicle (DCV) Rating



Sources: Esri, HERE, Garmin, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), (c) 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

Colors on map represent condition scores at 0.10-mile intervals. See Appendix for definitions and formulas.

Inspection Date: 4/12/2019	**Beginning Section MP**	0				
Paved Length (Miles): 0.66	**Section Length (MI)**	0.66				
Surface Type: ASPHALT	**Route Summary**					
Roadway Condition Information						
Pavement Condition Rating (PCR)	54	54				
Surface Condition Rating (SCR)	54	54				
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	54	54				
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)	13.4	13.4				
Lane Width (ft)	10.4	10.4				

Gulf Islands National Seashore

ROUTE 0201FZ: FORT PICKENS CAMPGROUND TURN AROUND

Subcomponent of Route GUIS-0201ZZ

Data Collection Vehicle (DCV) Rating

Sources: Esri, HERE, Garmin, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), (c) 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

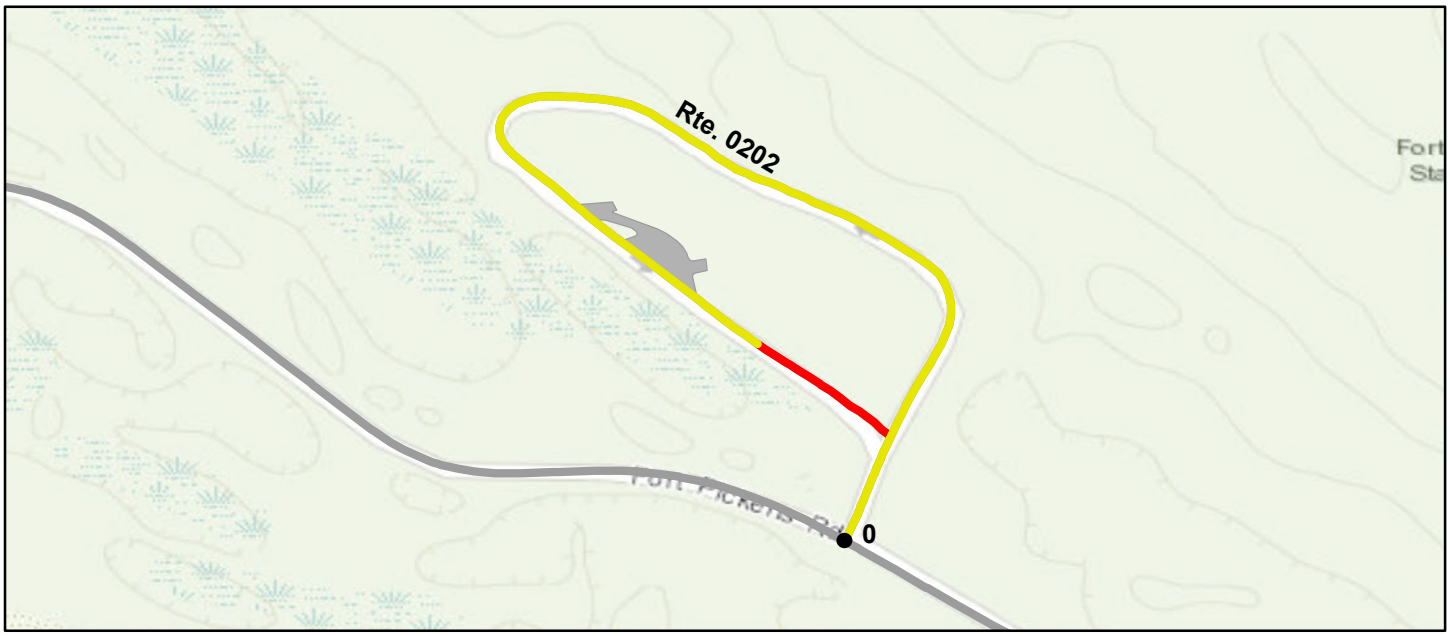
Colors on map represent condition scores at 0.10-mile intervals. See Appendix for definitions and formulas.

Inspection Date: 4/12/2019	**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)	75	75				
Surface Condition Rating (SCR)	75	75				
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	75	75				
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)	16	16				
Lane Width (ft)	16	16				

Gulf Islands National Seashore

ROUTE 0202: FORT PICKENS CAMPGROUND MAIN LOOP A

Data Collection Vehicle (DCV) Rating



Sources: Esri, HERE, Garmin, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), (c) 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

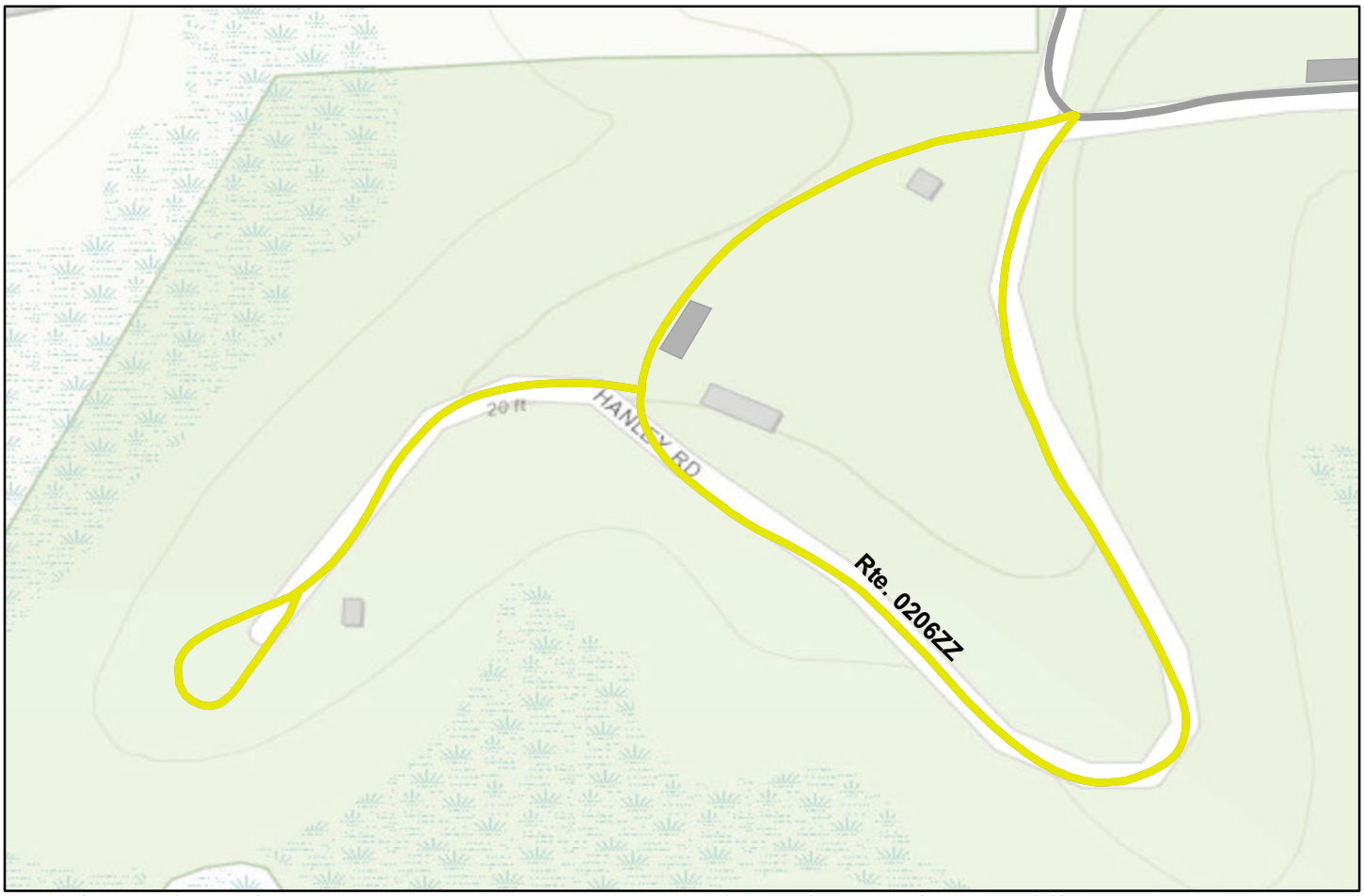
Colors on map represent condition scores at 0.10-mile intervals. See Appendix for definitions and formulas.

Inspection Date: 4/12/2019	**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)	71	71				
Surface Condition Rating (SCR)	71	71				
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	71	71				
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)	11.8	11.8				

Gulf Islands National Seashore

ROUTE 0206ZZ: DAVIS BAYOU CAMPGROUND ROADS

Summary Route



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

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

Route Condition Legend – Pavement Condition Rating (PCR)

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

See Appendix for definitions and formulas

Inspection Date:	4/13/2019
Paved Length (Miles):	0.43
Surface Type:	ASPHALT
Roadway Condition Information	
Pavement Condition Rating (PCR)	66
Lane & Width Information	
Number of Lanes	1
Paved Width (ft)	17.3
Lane Width (ft)	15.7

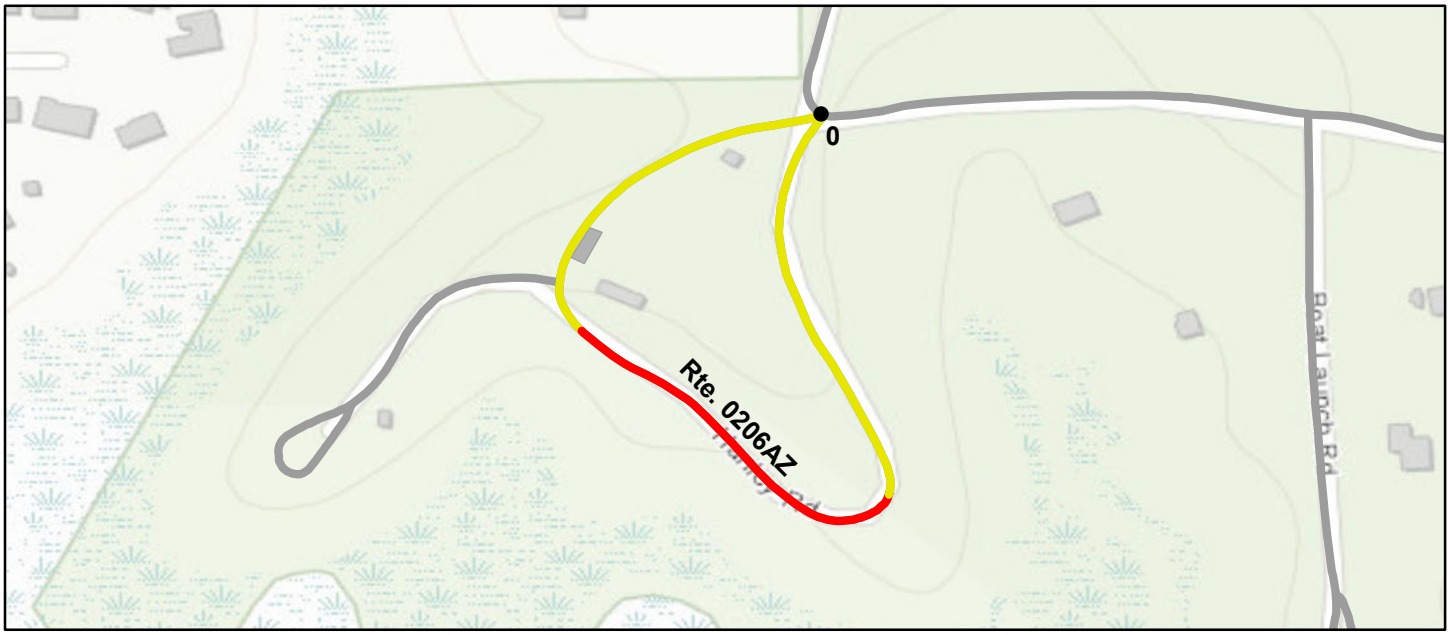
Route Summary

Gulf Islands National Seashore

ROUTE 0206AZ: DAVIS BAYOU CAMPGROUND LOOP A

Subcomponent of Route GUIS-0206ZZ

Data Collection Vehicle (DCV) Rating



Sources: Esri, HERE, Garmin, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), (c) 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

Colors on map represent condition scores at 0.10-mile intervals. See Appendix for definitions and formulas.

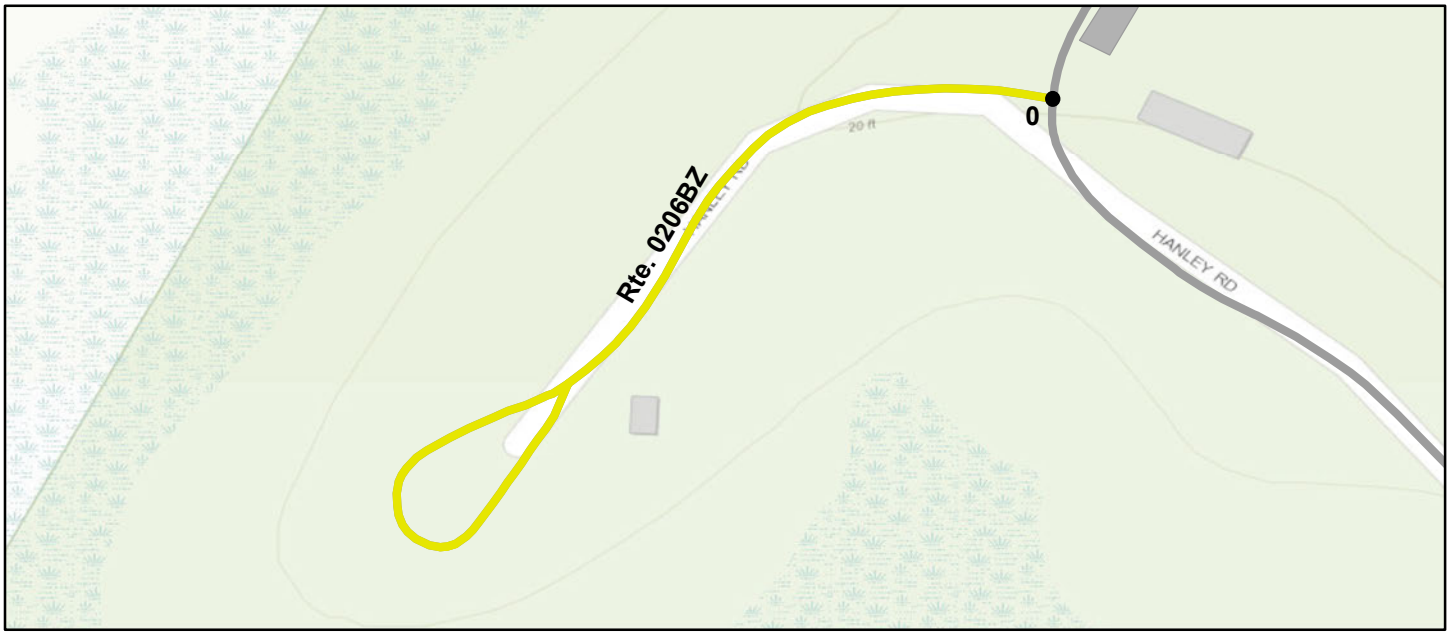
Inspection Date: 4/13/2019	**Beginning Section MP**	0				
Paved Length (Miles): 0.31	**Section Length (MI)**	0.31				
Surface Type: ASPHALT	**Route Summary**					
Roadway Condition Information						
Pavement Condition Rating (PCR)	60	60				
Surface Condition Rating (SCR)	60	60				
Roughness Condition Index (RCI)	N/A	N/A				
Distress Index Values						
Structural Crack Index	77	77				
Alligator Crack Index	100	100				
Longitudinal Crack Index	77	77				
Transverse Cracking Index	60	60				
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)	16.6	16.6				
Lane Width (ft)	16.6	16.6				

Gulf Islands National Seashore

ROUTE 0206BZ: DAVIS BAYOU CAMPGROUND LOOP B

Subcomponent of Route GUIS-0206ZZ

Data Collection Vehicle (DCV) Rating



Route Condition Legend – Pavement Condition Rating (PCR)

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

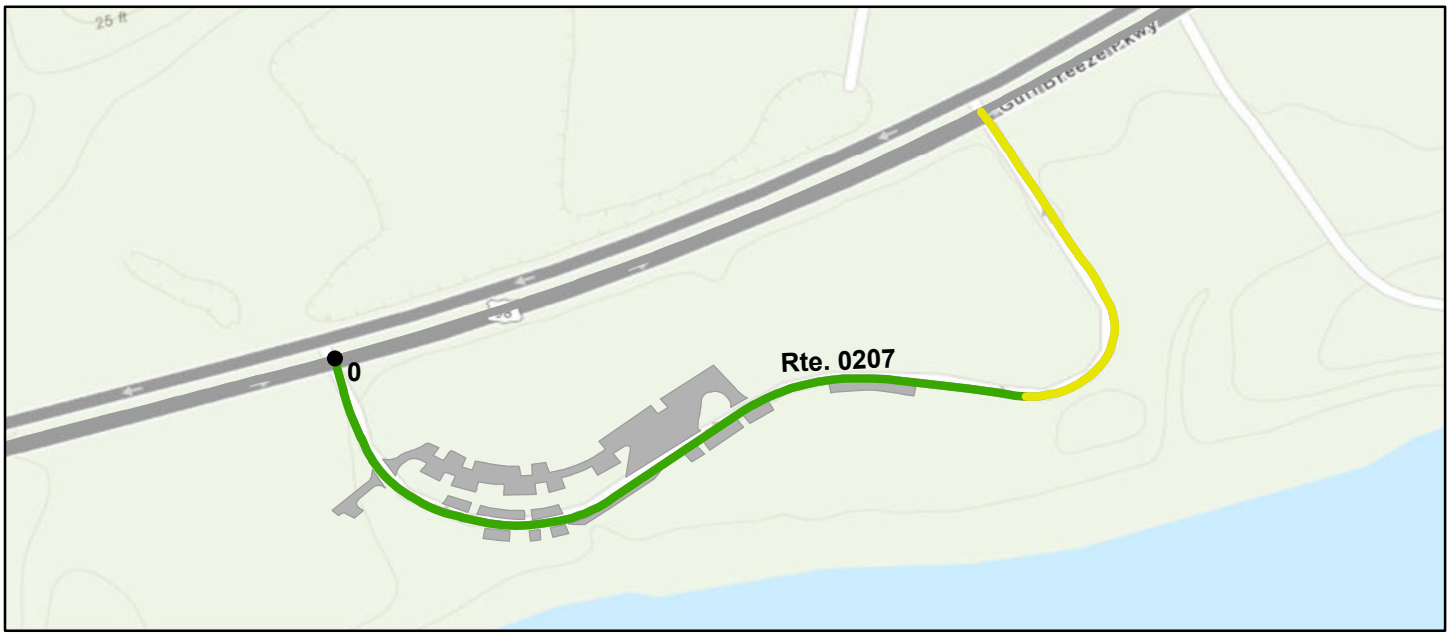
Colors on map represent condition scores at 0.10-mile intervals. See Appendix for definitions and formulas.

Inspection Date: 4/13/2019	**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)	81	81				
Surface Condition Rating (SCR)	81	81				
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	81	81				
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)	19.2	19.2				
Lane Width (ft)	13.3	13.3				

Gulf Islands National Seashore

ROUTE 0207: HEADQUARTERS AND VISITOR CENTER ACCESS ROAD

Data Collection Vehicle (DCV) Rating



Sources: Esri, HERE, Garmin, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), (c) 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

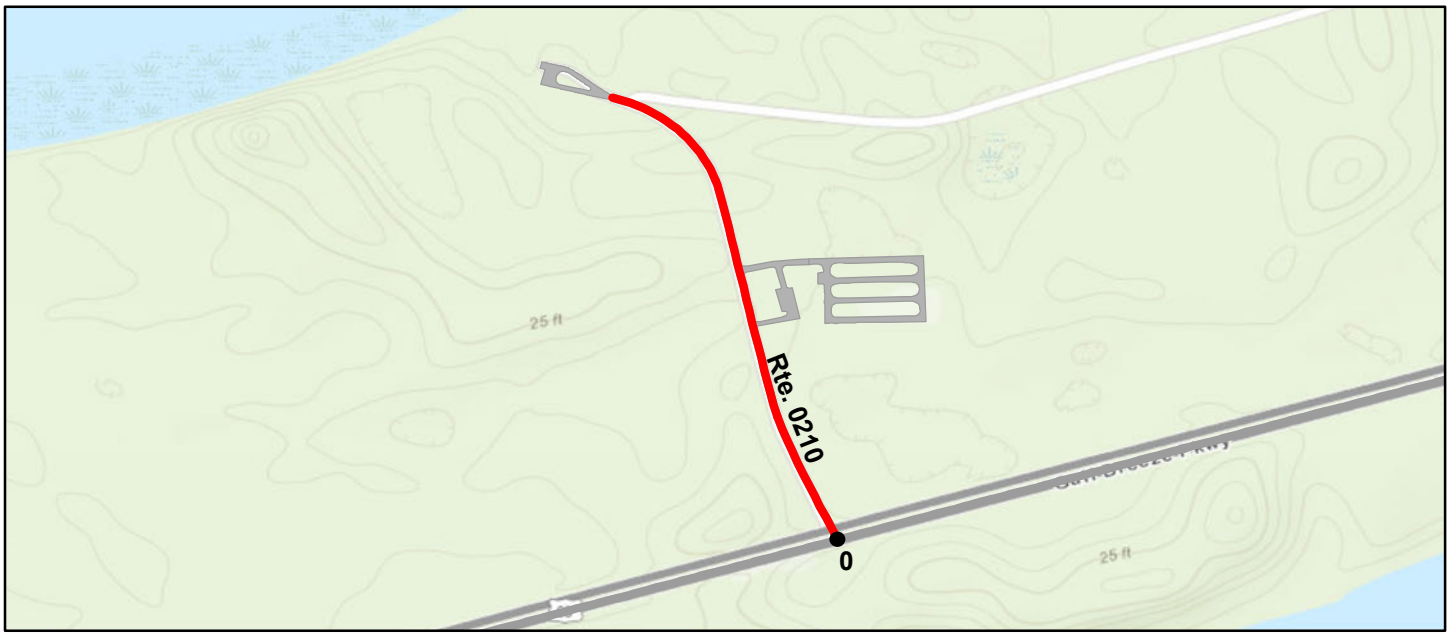
Colors on map represent condition scores at 0.10-mile intervals. See Appendix for definitions and formulas.

Inspection Date: 4/11/2019	**Beginning Section MP**	0				
Paved Length (Miles): 0.44	**Section Length (MI)**	0.44				
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	96	96				
Alligator Crack Index	100	100				
Longitudinal Crack Index	96	96				
Transverse Cracking Index	84	84				
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)	24.2	24.2				
Lane Width (ft)	16.2	16.2				

Gulf Islands National Seashore

ROUTE 0210: NAVAL LIVE OAKS ROAD

Data Collection Vehicle (DCV) Rating



Sources: Esri, HERE, Garmin, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), (c) 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

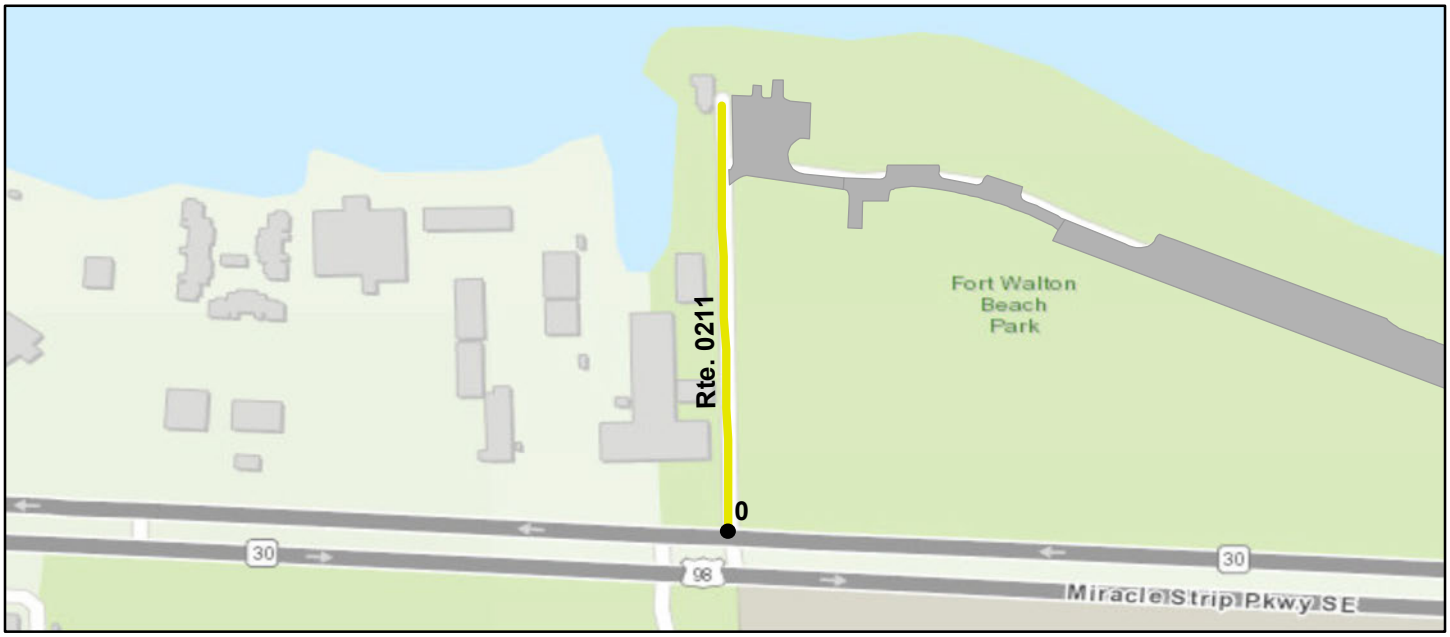
Colors on map represent condition scores at 0.10-mile intervals. See Appendix for definitions and formulas.

Inspection Date: 4/12/2019	**Beginning Section MP**	0				
Paved Length (Miles): 0.4	**Section Length (MI)**	0.4				
Surface Type: ASPHALT	**Route Summary**					
Roadway Condition Information						
Pavement Condition Rating (PCR)	12	12				
Surface Condition Rating (SCR)	12	12				
Roughness Condition Index (RCI)	N/A	N/A				
Distress Index Values						
Structural Crack Index	36	36				
Alligator Crack Index	100	100				
Longitudinal Crack Index	36	36				
Transverse Cracking Index	12	12				
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)	19.7	19.7				
Lane Width (ft)	9.8	9.8				

Gulf Islands National Seashore

ROUTE 0211: OKALOOSA WEST ACCESS ROAD

Manual Rating



Sources: Esri, HERE, Garmin, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), (c) 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

Inspection Date: 4/11/2019	**Beginning Section MP**	0.00					
Paved Length (Miles): 0.14	**Section Length (MI)**	0.14					
Surface Type: ASPHALT	**Route Summary**						
Roadway Condition Information							
Pavement Condition Rating (PCR)	73	73					
Surface Condition Rating (SCR)	73	73					
Roughness Condition Index (RCI)	N/A	N/A					
Distress Index Values							
Structural Crack Index	N/A	N/A					
Alligator Crack Index	90	90					
Longitudinal Crack Index	90	90					
Transverse Cracking Index	73	73					
Patching Index	90	90					
Rutting Index	73	73					
International Roughness Index (IRI)	N/A	N/A					
Lane & Width Information							
Number of Lanes	2	2					
Paved Width (ft)	17	17					
Lane Width (ft)	8.5	8.5					

Gulf Islands National Seashore

ROUTE 0211: OKALOOSA WEST ACCESS ROAD

Condition Photos

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

GUIS_0211_3281.jpg

GUIS_0211_3282.jpg

GUIS_0211_3283.jpg

GUIS_0211_3284.jpg

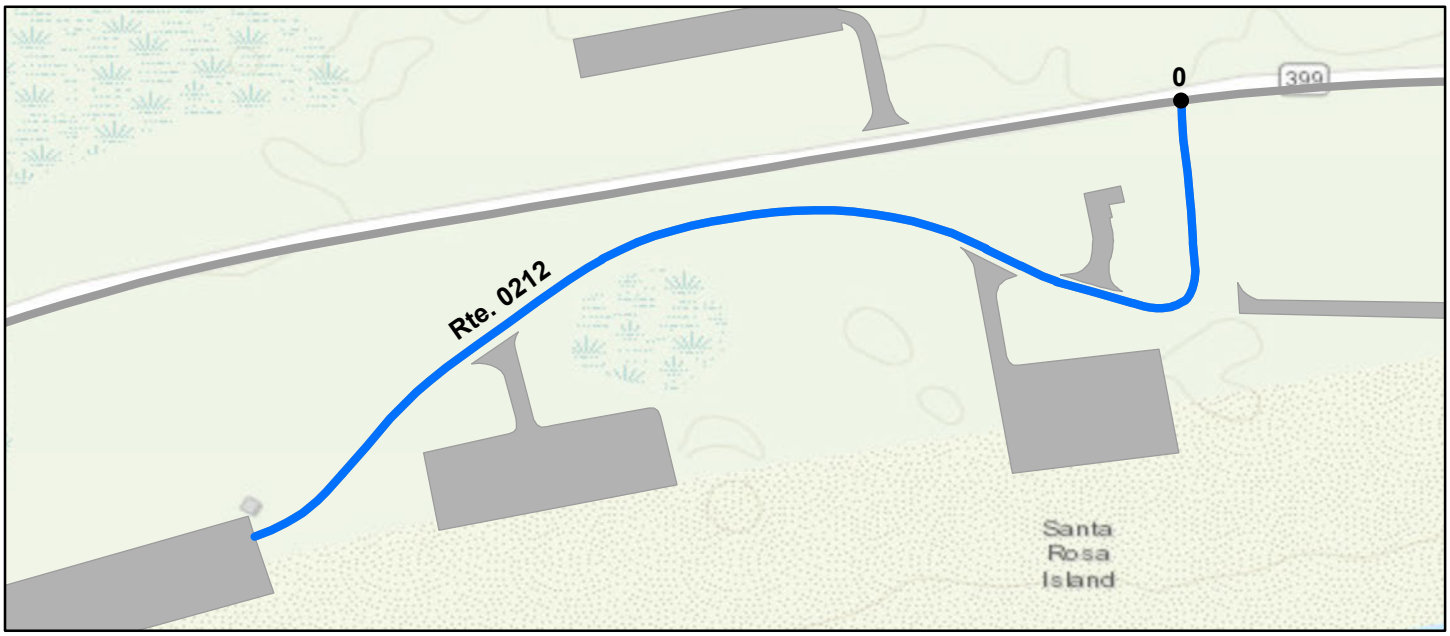
GUIS_0211_3285.jpg

GUIS_0211_3286.jpg

Gulf Islands National Seashore

ROUTE 0212: OPAL BEACH ROAD

Data Collection Vehicle (DCV) Rating



Sources: Esri, HERE, Garmin, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), (c) 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

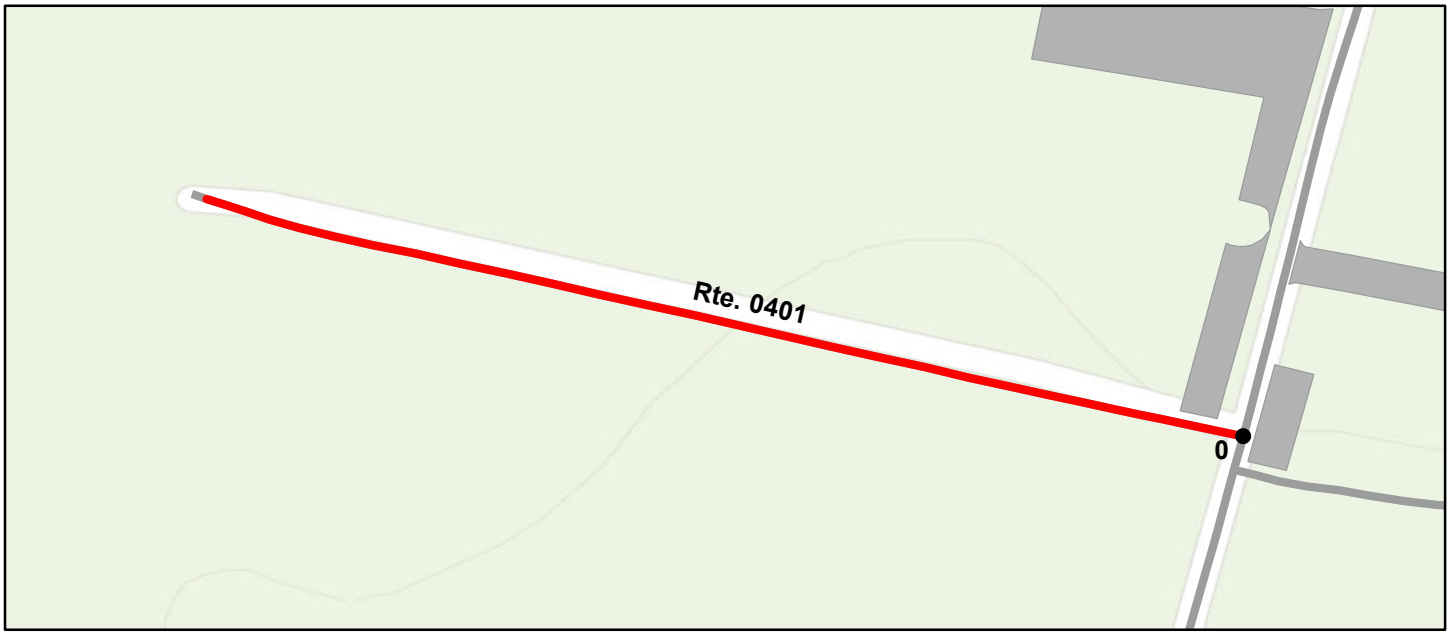
Colors on map represent condition scores at 0.10-mile intervals. See Appendix for definitions and formulas.

Inspection Date: 4/11/2019	**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)	100	100				
Surface Condition Rating (SCR)	100	100				
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	100	100				
International Roughness Index (IRI)	N/A	N/A				
Lane & Width Information						
Number of Lanes	2	2				
Paved Width (ft)	33	33				
Lane Width (ft)	12.1	12.1				

Gulf Islands National Seashore

ROUTE 0401: FORT PICKENS DISTRICT OFFICE ROAD

Data Collection Vehicle (DCV) Rating



Sources: Esri, HERE, Garmin, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), (c) 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

Colors on map represent condition scores at 0.10-mile intervals. See Appendix for definitions and formulas.

Inspection Date: 4/12/2019	**Beginning Section MP**	0				
Paved Length (Miles): 0.11	**Section Length (MI)**	0.11				
Surface Type: ASPHALT	**Route Summary**					
Roadway Condition Information						
Pavement Condition Rating (PCR)	21	21				
Surface Condition Rating (SCR)	21	21				
Roughness Condition Index (RCI)	N/A	N/A				
Distress Index Values						
Structural Crack Index	63	63				
Alligator Crack Index	100	100				
Longitudinal Crack Index	63	63				
Transverse Cracking Index	21	21				
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)	9.5	9.5				
Lane Width (ft)	9.5	9.5				

Gulf Islands National Seashore

ROUTE 0402: FORT PICKENS SERVICE ROAD

Data Collection Vehicle (DCV) Rating

Sources: Esri, HERE, Garmin, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), (c) 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

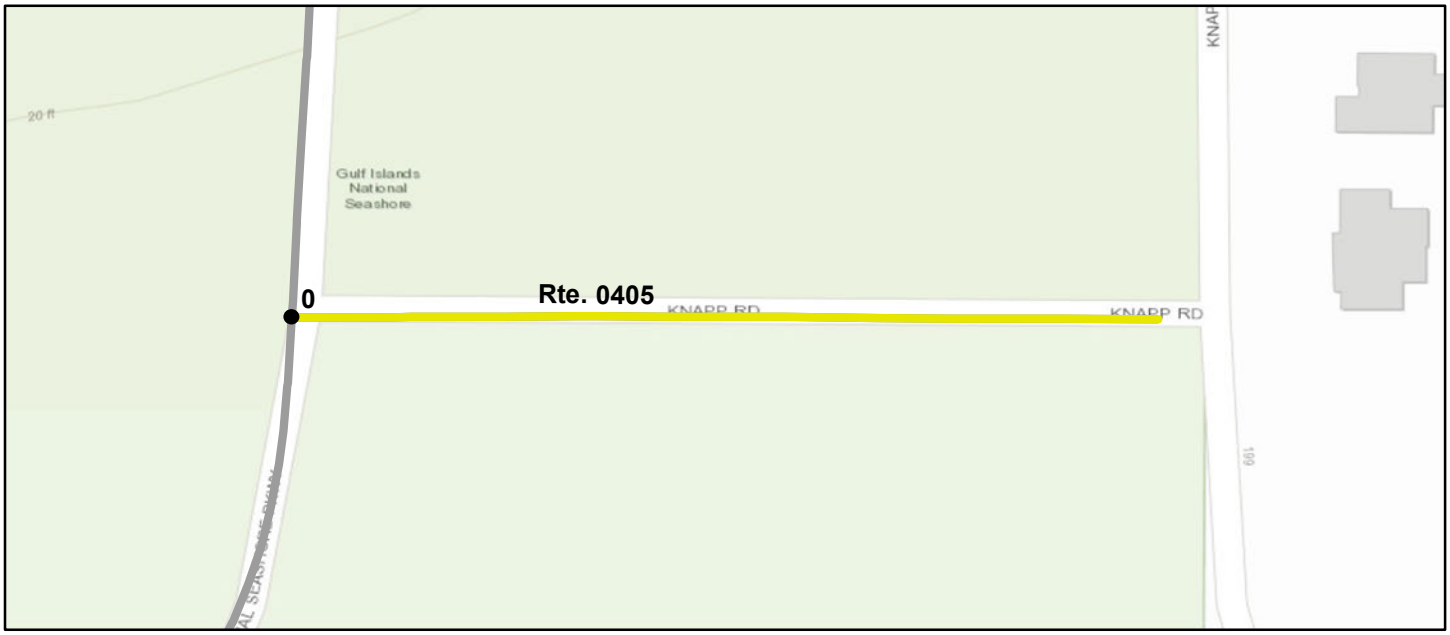
Colors on map represent condition scores at 0.10-mile intervals. See Appendix for definitions and formulas.

Inspection Date: 4/12/2019	**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)	45	45				
Surface Condition Rating (SCR)	45	45				
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	45	45				
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)	9.1	9.1				
Lane Width (ft)	9.1	9.1				

Gulf Islands National Seashore

ROUTE 0405: VFW ROAD

Data Collection Vehicle (DCV) Rating



Sources: Esri, HERE, Garmin, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), (c) 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

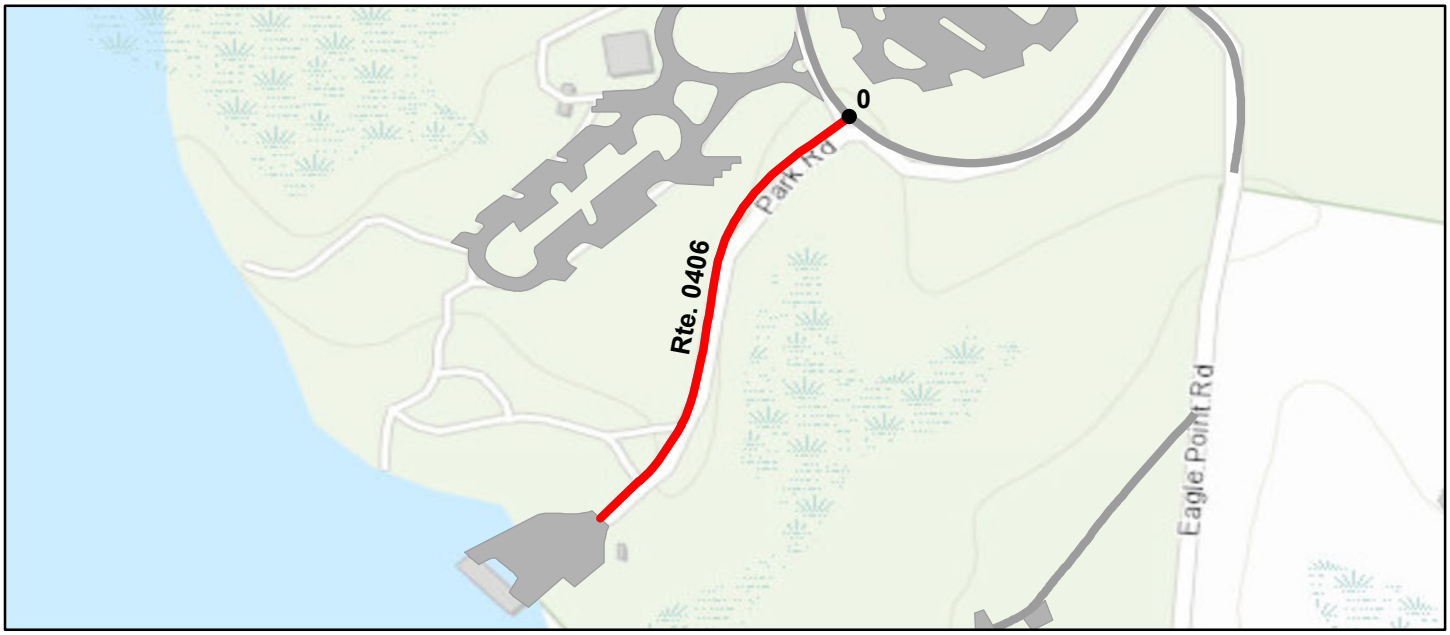
Colors on map represent condition scores at 0.10-mile intervals. See Appendix for definitions and formulas.

Inspection Date: 4/13/2019	**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)	74	74				
Surface Condition Rating (SCR)	74	74				
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	76	76				
Patching Index	74	74				
Rutting Index	96	96				
International Roughness Index (IRI)	N/A	N/A				
Lane & Width Information						
Number of Lanes	2	2				
Paved Width (ft)	23.4	23.4				
Lane Width (ft)	9.3	9.3				

Gulf Islands National Seashore

ROUTE 0406: GOVERNMENT BOAT DOCK ROAD

Data Collection Vehicle (DCV) Rating



Sources: Esri, HERE, Garmin, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), (c) 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

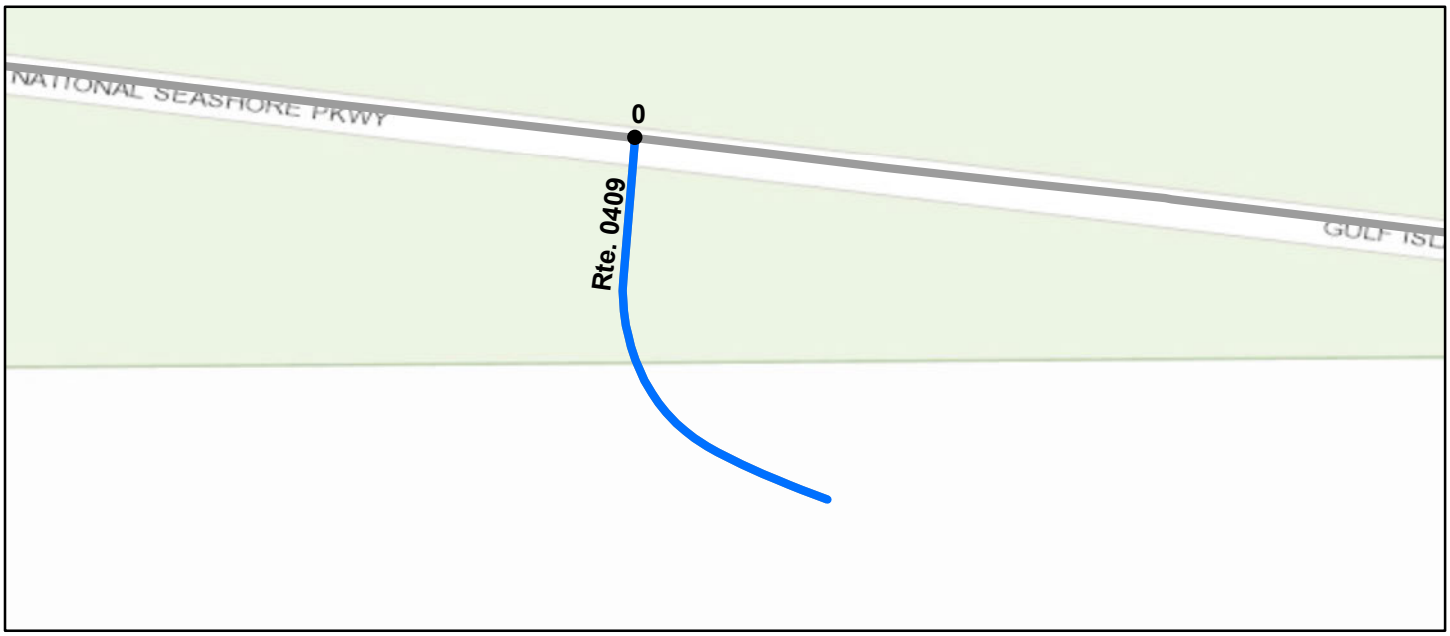
Colors on map represent condition scores at 0.10-mile intervals. See Appendix for definitions and formulas.

Inspection Date: 4/13/2019	**Beginning Section MP**	0				
Paved Length (Miles): 0.13	**Section Length (MI)**	0.13				
Surface Type: ASPHALT	**Route Summary**					
Roadway Condition Information						
Pavement Condition Rating (PCR)	0	0				
Surface Condition Rating (SCR)	0	0				
Roughness Condition Index (RCI)	N/A	N/A				
Distress Index Values						
Structural Crack Index	71	71				
Alligator Crack Index	100	100				
Longitudinal Crack Index	71	71				
Transverse Cracking Index	0	0				
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)	17.8	17.8				
Lane Width (ft)	7.4	7.4				

Gulf Islands National Seashore

ROUTE 0409: CEDAR POINT CAMPUS ROAD

Data Collection Vehicle (DCV) Rating



Sources: Esri, HERE, Garmin, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), (c) 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

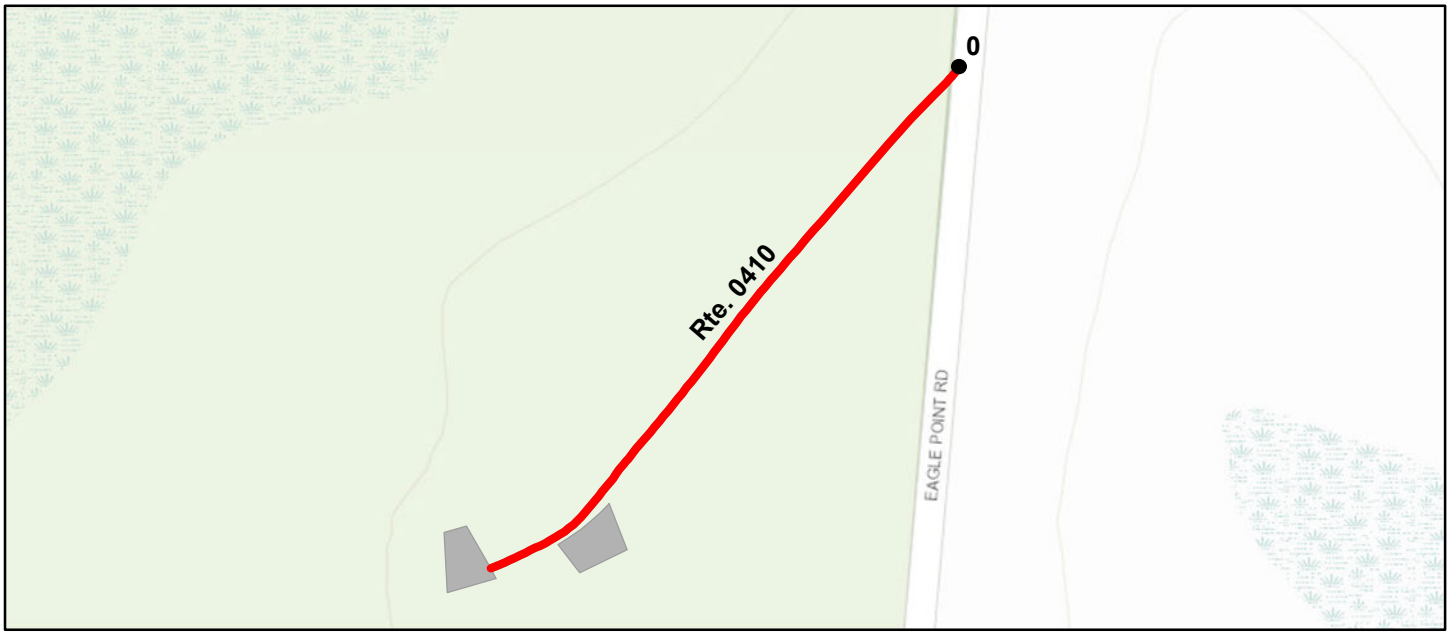
Colors on map represent condition scores at 0.10-mile intervals. See Appendix for definitions and formulas.

Inspection Date: 4/13/2019	**Beginning Section MP**	0				
Paved Length (Miles): 0.04	**Section Length (MI)**	0.04				
Surface Type: ASPHALT	**Route Summary**					
Roadway Condition Information						
Pavement Condition Rating (PCR)	96	96				
Surface Condition Rating (SCR)	96	96				
Roughness Condition Index (RCI)	N/A	N/A				
Distress Index Values						
Structural Crack Index	100	100				
Alligator Crack Index	100	100				
Longitudinal Crack Index	100	100				
Transverse Cracking Index	100	100				
Patching Index	100	100				
Rutting Index	96	96				
International Roughness Index (IRI)	N/A	N/A				
Lane & Width Information						
Number of Lanes	2	2				
Paved Width (ft)	23.1	23.1				
Lane Width (ft)	10.6	10.6				

Gulf Islands National Seashore

ROUTE 0410: YATES HOUSE COMPOUND ROAD

Data Collection Vehicle (DCV) Rating



Sources: Esri, HERE, Garmin, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), (c) 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

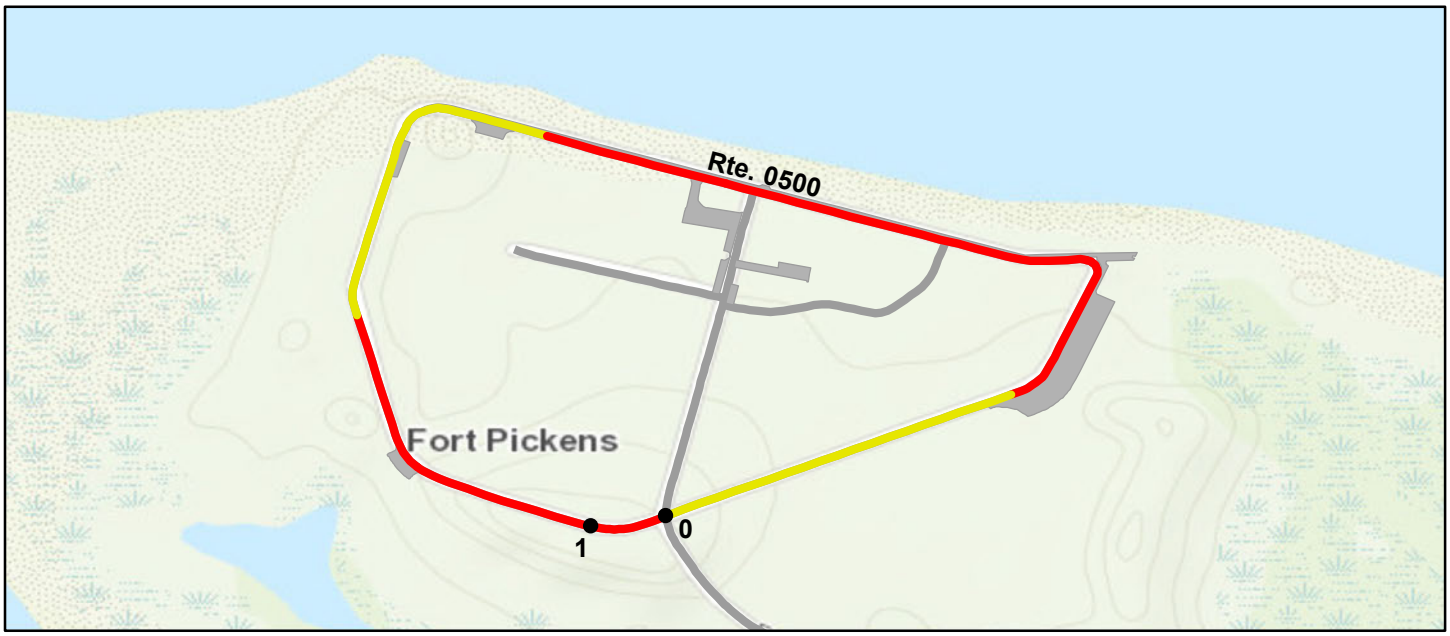
Colors on map represent condition scores at 0.10-mile intervals. See Appendix for definitions and formulas.

Inspection Date: 4/13/2019	**Beginning Section MP**	0				
Paved Length (Miles): 0.08	**Section Length (MI)**	0.08				
Surface Type: ASPHALT	**Route Summary**					
Roadway Condition Information						
Pavement Condition Rating (PCR)	0	0				
Surface Condition Rating (SCR)	0	0				
Roughness Condition Index (RCI)	N/A	N/A				
Distress Index Values						
Structural Crack Index	13	13				
Alligator Crack Index	96	96				
Longitudinal Crack Index	17	17				
Transverse Cracking Index	0	0				
Patching Index	94	94				
Rutting Index	93	93				
International Roughness Index (IRI)	N/A	N/A				
Lane & Width Information						
Number of Lanes	1	1				
Paved Width (ft)	12.5	12.5				
Lane Width (ft)	12.5	12.5				

Gulf Islands National Seashore

ROUTE 0500: FORT PICKENS LOOP ROAD

Data Collection Vehicle (DCV) Rating



Sources: Esri, HERE, Garmin, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), (c) 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

Colors on map represent condition scores at 0.10-mile intervals. See Appendix for definitions and formulas.

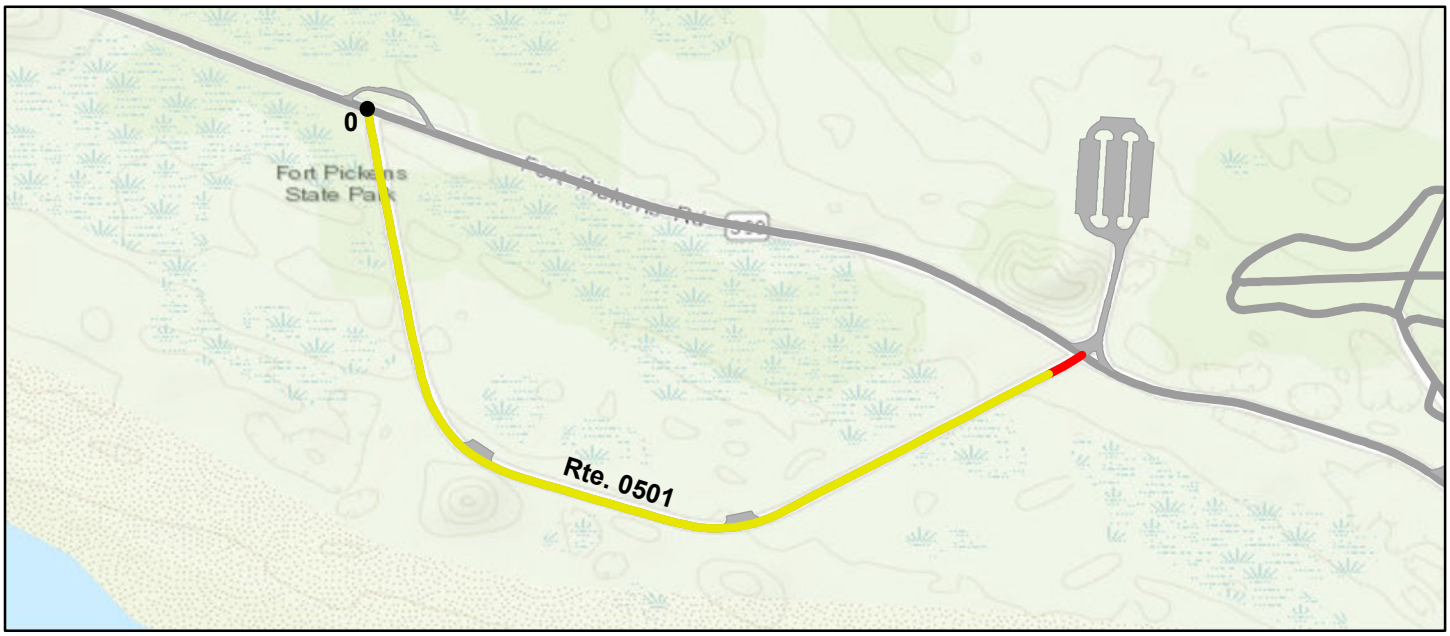
Inspection Date: 4/12/2019	**Beginning Section MP**	0	1			
Paved Length (Miles): 1.03	**Section Length (MI)**	1	0.03			
Surface Type: ASPHALT	**Route Summary**					
Roadway Condition Information						
Pavement Condition Rating (PCR)	62	62	47			
Surface Condition Rating (SCR)	39	39	47			
Roughness Condition Index (RCI)	97	97	N/A			
Distress Index Values						
Structural Crack Index	89	88	98			
Alligator Crack Index	100	100	100			
Longitudinal Crack Index	89	88	98			
Transverse Cracking Index	39	39	47			
Patching Index	100	100	100			
Rutting Index	98	98	96			
International Roughness Index (IRI)	123	123	N/A			
Lane & Width Information						
Number of Lanes	1	1	1			
Paved Width (ft)	16.6	16.7	14.4			
Lane Width (ft)	13.3	13.3	14.4			

WIDE SHOULDER

Gulf Islands National Seashore

ROUTE 0501: BATTERY 234 LOOP ROAD

Data Collection Vehicle (DCV) Rating



Sources: Esri, HERE, Garmin, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), (c) 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

Colors on map represent condition scores at 0.10-mile intervals. See Appendix for definitions and formulas.

Inspection Date: 4/12/2019	**Beginning Section MP**	0				
Paved Length (Miles): 0.62	**Section Length (MI)**	0.62				
Surface Type: ASPHALT	**Route Summary**					
Roadway Condition Information						
Pavement Condition Rating (PCR)	80	80				
Surface Condition Rating (SCR)	67	67				
Roughness Condition Index (RCI)	100	100				
Distress Index Values						
Structural Crack Index	99	99				
Alligator Crack Index	100	100				
Longitudinal Crack Index	99	99				
Transverse Cracking Index	67	67				
Patching Index	100	100				
Rutting Index	99	99				
International Roughness Index (IRI)	106	106				
Lane & Width Information						
Number of Lanes	1	1				
Paved Width (ft)	12	12				
Lane Width (ft)	12	12				

Section 6
Paved Parking Area Condition Rating Sheets

Gulf Islands National Seashore

Federal Lands Highway
Road Inventory Program

Gulf Islands National Seashore

ROUTE 0902: DAVIS BAYOU BOAT LAUNCH PARKING

Manual Rating

FROM ROUTE 0103 (BOAT LAUNCH ROAD) AT MP 0.16 ON RIGHT

TO ROUTE 0956 (DAVIS BAYOU BOAT LAUNCH UNPAVED PARKING)

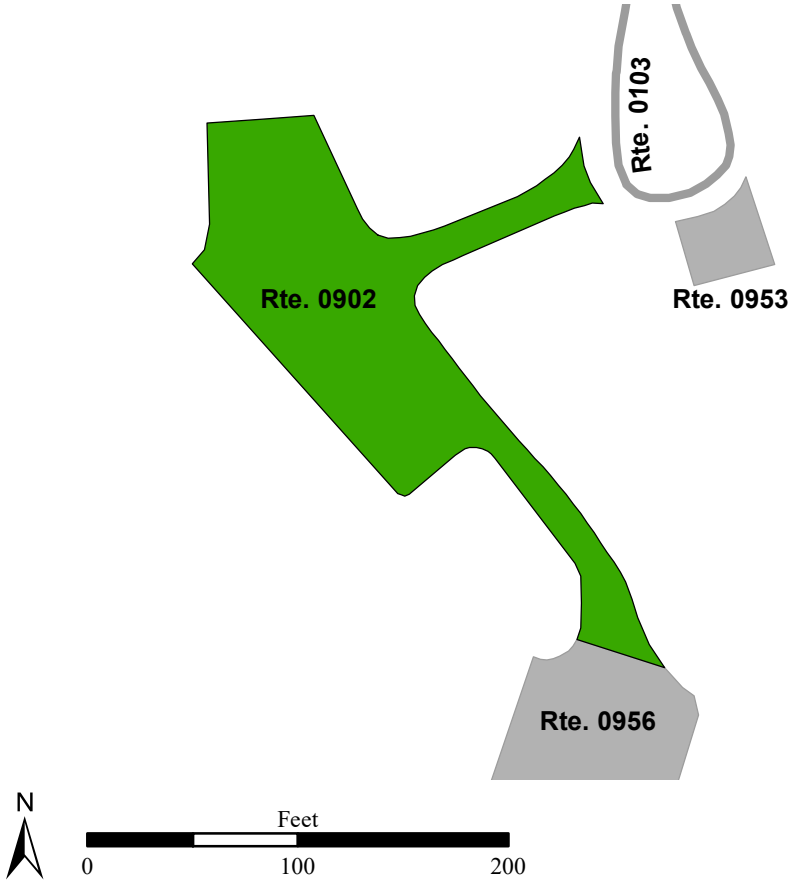
Inspection Date	FMSS Number	User Access	Surface Type
3/16/2019	72695	PUBLIC	ASPHALT
Area (Sq. Ft.)	**Lane Miles (11' Widths)**	**Curb Reveal (Inches)**	**Curb Recommendation**
14,542	0.25	NOT APPLICABLE	NOT APPLICABLE
Curb Type		**Curb & Gutter Type**	
NO CURB		NO CURB AND GUTTER	
Pavement Recommendation		**Condition Rating / PCR**	
PREVENTIVE MAINTENANCE		GOOD / 90	

Route Condition Legend – Pavement Condition Rating (PCR)

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

See Appendix for definitions and formulas

Note: Parking area consists of multiple surface types: 1 part Asphalt at 13,413 square feet; 1 part Concrete at 1,129 square feet.



Gulf Islands National Seashore

ROUTE 0903: DAVIS BAYOU MAINTENANCE PARKING

Manual Rating

FROM ROUTE 0016 (ROBERT MCGEE ROAD) AT MP 0.13 ON RIGHT

TO PARKING

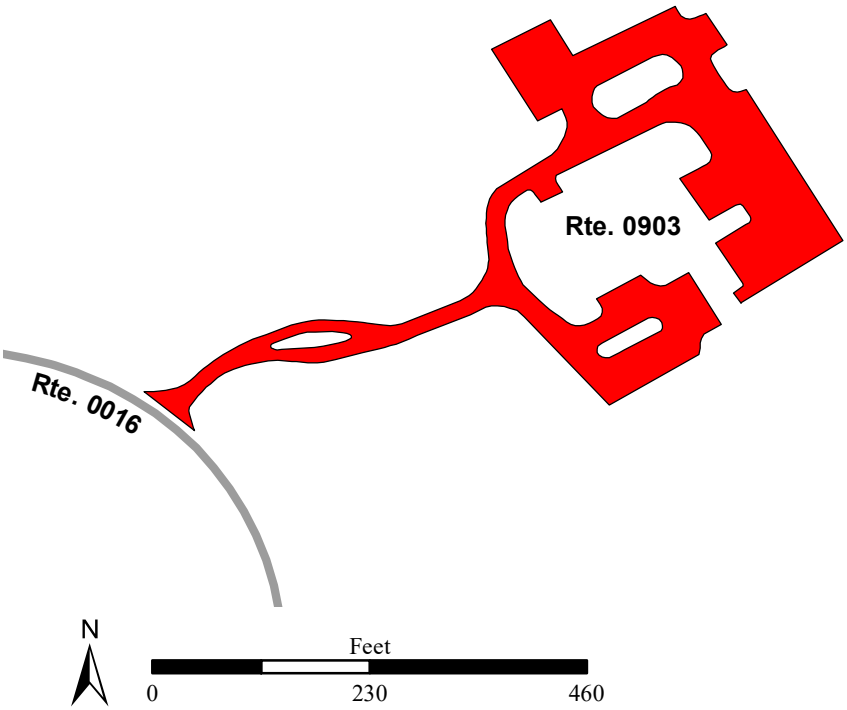
Inspection Date	FMSS Number	User Access	Surface Type
3/16/2019	72700	NONPUBLIC	ASPHALT
Area (Sq. Ft.)	**Lane Miles (11' Widths)**	**Curb Reveal (Inches)**	**Curb Recommendation**
57,802	0.995	3	DO NOTHING
Curb Type		**Curb & Gutter Type**	
CONCRETE		NO CURB AND GUTTER	
Pavement Recommendation		**Condition Rating / PCR**	
HEAVY 3R TREATMENTS		POOR / 53	

Route Condition Legend – Pavement Condition Rating (PCR)

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

See Appendix for definitions and formulas

Note: Parking area consists of multiple surface types: 1 part Asphalt at 57,396 square feet; 1 part Concrete at 406 square feet.



Gulf Islands National Seashore

ROUTE 0904: DAVIS BAYOU VISITOR CENTER PARKING

Manual Rating

FROM END OF ROUTE 0015 (PARK ROAD)

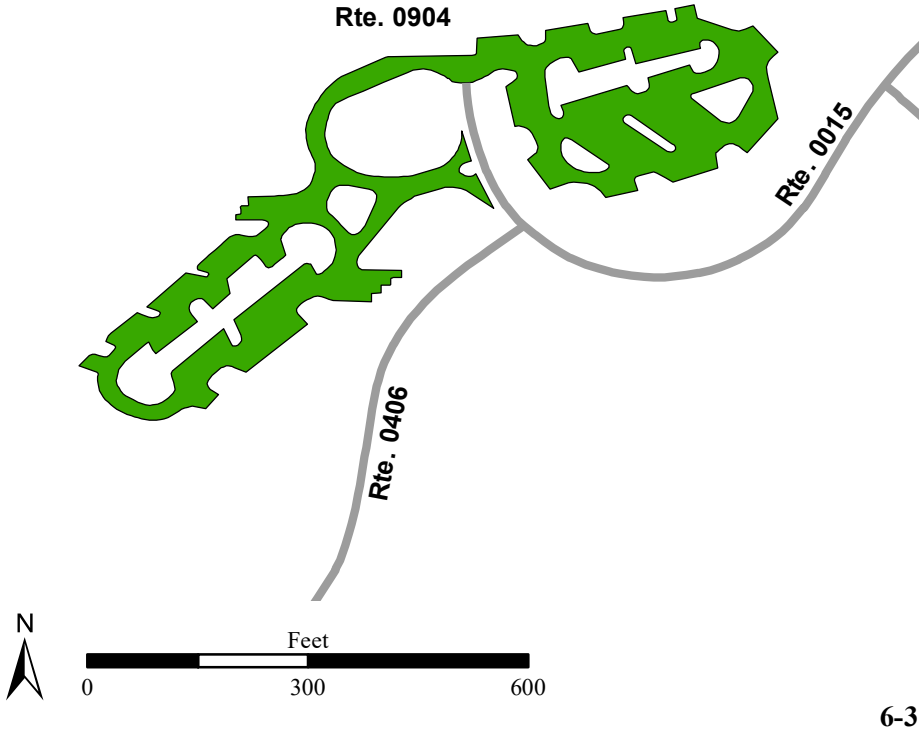
TO ROUTE 0015 (PARK ROAD)

Inspection Date	FMSS Number	User Access	Surface Type
3/16/2019	72702	PUBLIC	ASPHALT
Area (Sq. Ft.)	**Lane Miles (11' Widths)**	**Curb Reveal (Inches)**	**Curb Recommendation**
98,742	1.7	NOT APPLICABLE	NOT APPLICABLE
Curb Type		**Curb & Gutter Type**	
NO CURB		NO CURB AND GUTTER	
Pavement Recommendation		**Condition Rating / PCR**	
PREVENTIVE MAINTENANCE		GOOD / 90	

Route Condition Legend – Pavement Condition Rating (PCR)

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

See Appendix for definitions and formulas



Gulf Islands National Seashore

ROUTE 0905: GOVERNMENT BOAT DOCK PARKING

Manual Rating

FROM END OF ROUTE 0406 (GOVERNMENT BOAT DOCK ROAD)

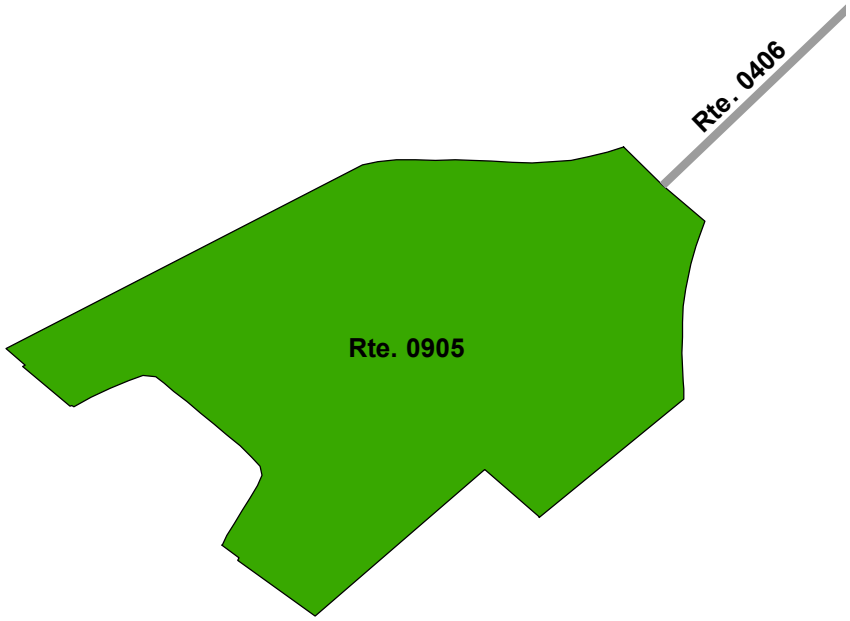
TO BOAT DOCK

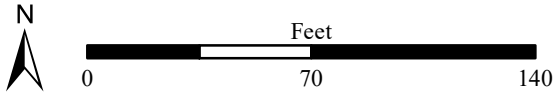
Inspection Date	FMSS Number	User Access	Surface Type
3/16/2019	72704	NONPUBLIC	CONCRETE
Area (Sq. Ft.)	**Lane Miles (11' Widths)**	**Curb Reveal (Inches)**	**Curb Recommendation**
14,520	0.25	5	LIGHT REPAIR
Curb Type		**Curb & Gutter Type**	
CONCRETE		NO CURB AND GUTTER	
Pavement Recommendation		**Condition Rating / PCR**	
PREVENTIVE MAINTENANCE		GOOD / 90	

Route Condition Legend – Pavement Condition Rating (PCR)

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

See Appendix for definitions and formulas





Gulf Islands National Seashore

ROUTE 0906: ROSAMOND JOHNSON BEACH ACCESS PARKING

Manual Rating

FROM INTERSECTION OF ROUTE 0013 (JOHNSON BEACH ROAD) AND
ROUTE 0200 (NATURE TRAIL ACCESS ROAD)

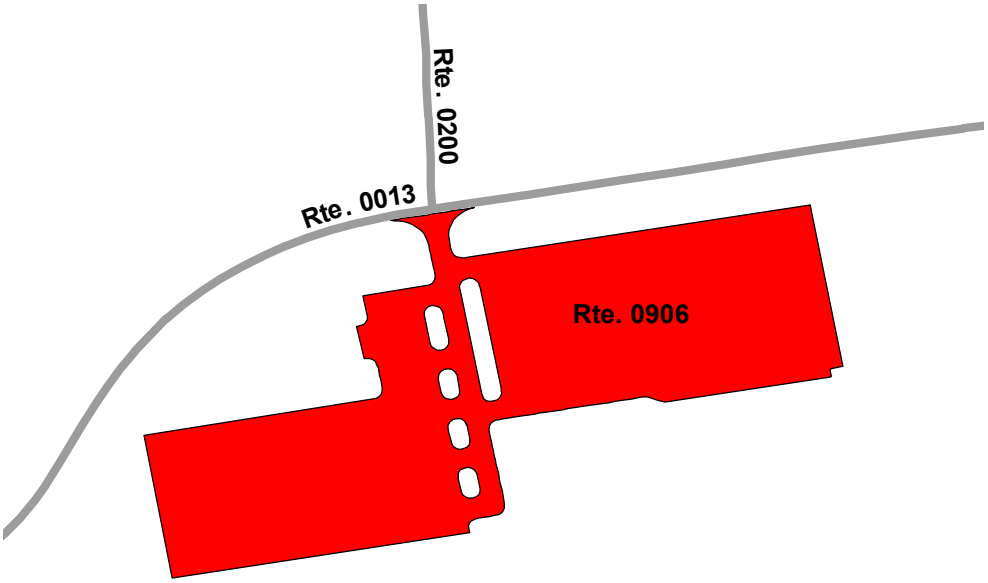
TO PARKING

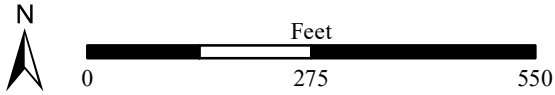
Inspection Date	FMSS Number	User Access	Surface Type
3/14/2019	72706	PUBLIC	ASPHALT
Area (Sq. Ft.)	**Lane Miles (11' Widths)**	**Curb Reveal (Inches)**	**Curb Recommendation**
153,249	2.639	NOT APPLICABLE	DO NOTHING
Curb Type		**Curb & Gutter Type**	
NO CURB		CONCRETE	
Pavement Recommendation		**Condition Rating / PCR**	
HEAVY 3R TREATMENTS		POOR / 53	

Route Condition Legend – Pavement Condition Rating (PCR)

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

See Appendix for definitions and formulas





Gulf Islands National Seashore

ROUTE 0907ZZ: FORT PICKENS DISTRICT PARKING

Summary Route
Manual Rating

FROM ROUTE 0012 (FORT PICKENS ROAD) ON LEFT AND RIGHT

TO ROUTE 0500 (FORT PICKENS LOOP ROAD) AND 0401 (FORT PICKENS DISTRICT OFFICE ROAD)

Inspection Date	FMSS Number	User Access	Surface Type
3/14/2019	72708	PUBLIC	ASPHALT
Area (Sq. Ft.)	**Lane Miles (11' Widths)**	**Condition Rating / PCR**	
24,567	0.423	SUMMARY / 80	

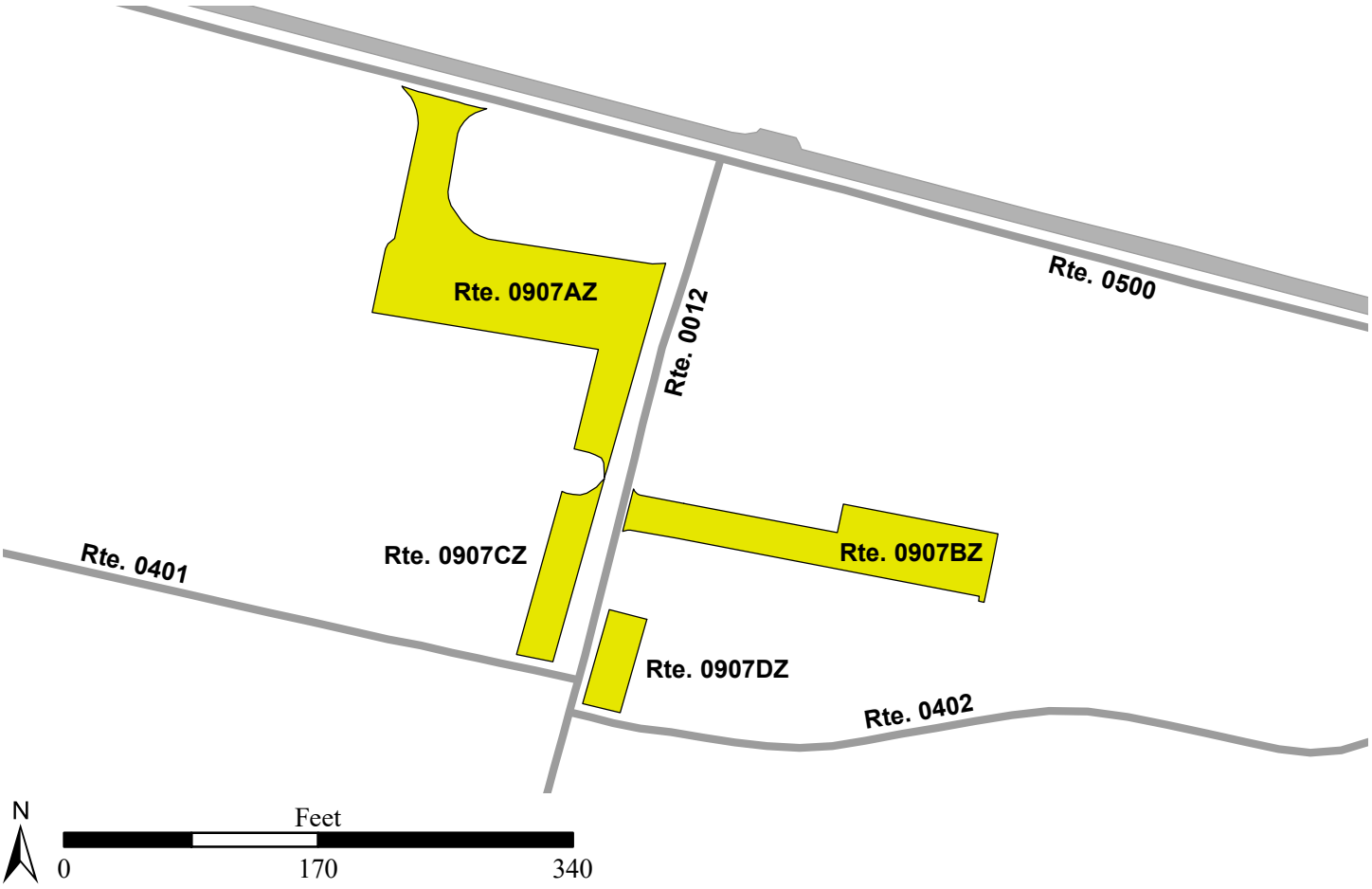
Route Condition Legend – Pavement Condition Rating (PCR)

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

See Appendix for definitions and formulas

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

Rte. 0907ZZ
(4 Subcomponents)



Gulf Islands National Seashore

ROUTE 0907AZ: FORT PICKENS DISTRICT PARKING A

Subcomponent of Route GUIS-0907ZZ
Manual Rating

FROM ROUTE 0012 (FORT PICKENS ROAD) AT MP 7.18 ON LEFT

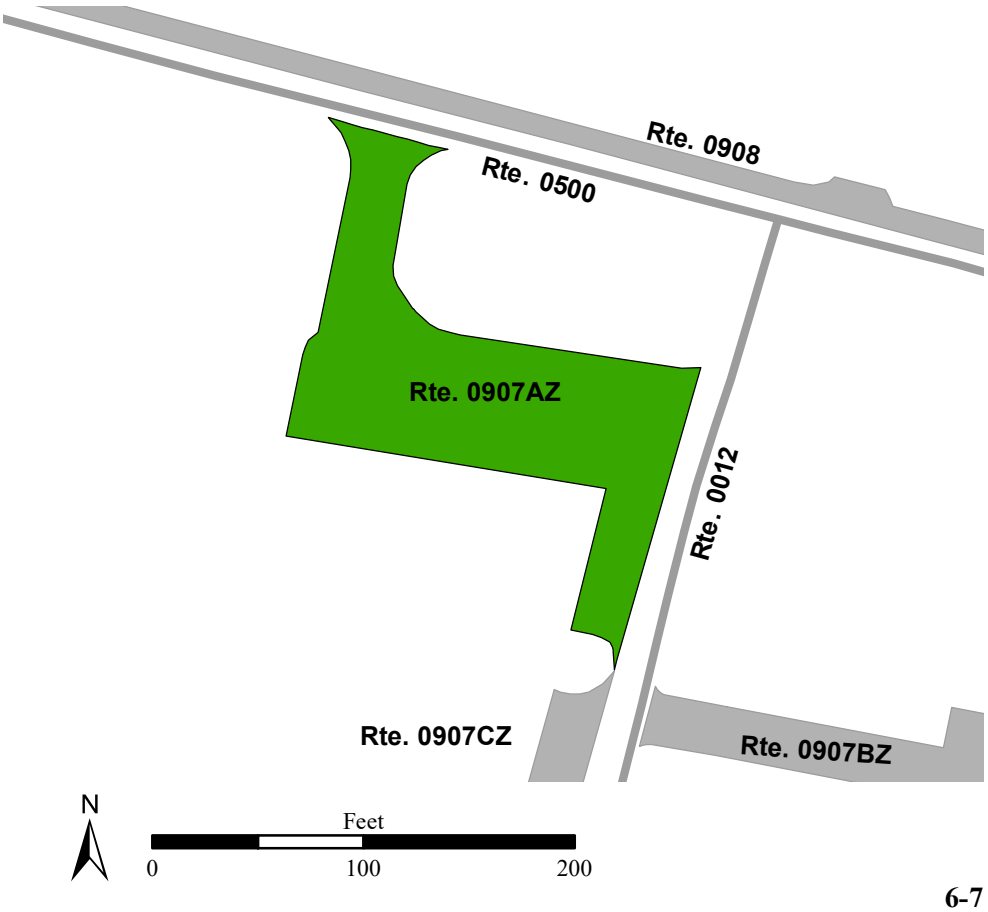
TO ROUTE 0500 (FORT PICKENS LOOP ROAD)

Inspection Date	FMSS Number	User Access	Surface Type
3/14/2019	72708	PUBLIC	ASPHALT
Area (Sq. Ft.)	**Lane Miles (11' Widths)**	**Curb Reveal (Inches)**	**Curb Recommendation**
13,758	0.237	NOT APPLICABLE	NOT APPLICABLE
Curb Type		**Curb & Gutter Type**	
NO CURB		NO CURB AND GUTTER	
Pavement Recommendation		**Condition Rating / PCR**	
PREVENTIVE MAINTENANCE		GOOD / 90	

Route Condition Legend – Pavement Condition Rating (PCR)

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

See Appendix for definitions and formulas



Gulf Islands National Seashore

ROUTE 0907BZ: FORT PICKENS DISTRICT PARKING B

Subcomponent of Route GUIS-0907ZZ
Manual Rating

FROM ROUTE 0012 (FORT PICKENS ROAD) AT MP 7.17 ON RIGHT

TO PARKING

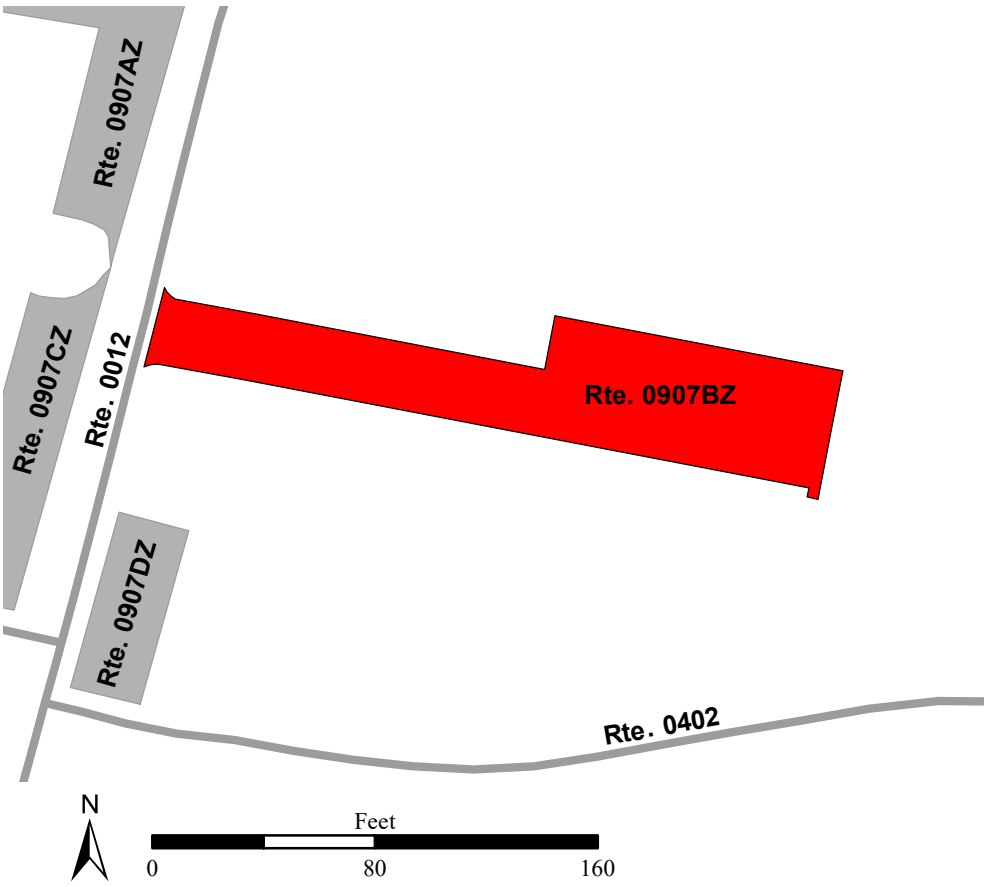
Inspection Date	FMSS Number	User Access	Surface Type
3/14/2019	72708	PUBLIC	CONCRETE
Area (Sq. Ft.)	**Lane Miles (11' Widths)**	**Curb Reveal (Inches)**	**Curb Recommendation**
6,876	0.118	1	DO NOTHING
Curb Type		**Curb & Gutter Type**	
CONCRETE		NO CURB AND GUTTER	
Pavement Recommendation		**Condition Rating / PCR**	
HEAVY 3R TREATMENTS		POOR / 53	

Route Condition Legend – Pavement Condition Rating (PCR)

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

See Appendix for definitions and formulas

Note: Parking Area Consists of Multiple Surface Types: 1 Part Asphalt at 2,503 Square Feet; 1 Part Concrete at 4,373 Square Feet.



Gulf Islands National Seashore

ROUTE 0907CZ: FORT PICKENS DISTRICT PARKING C

Subcomponent of Route GUIS-0907ZZ
Manual Rating

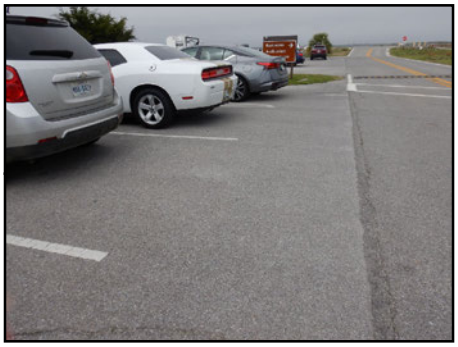
ADJACENT TO ROUTE 0012 (FORT PICKENS ROAD) AT MP 7.16 ON LEFT

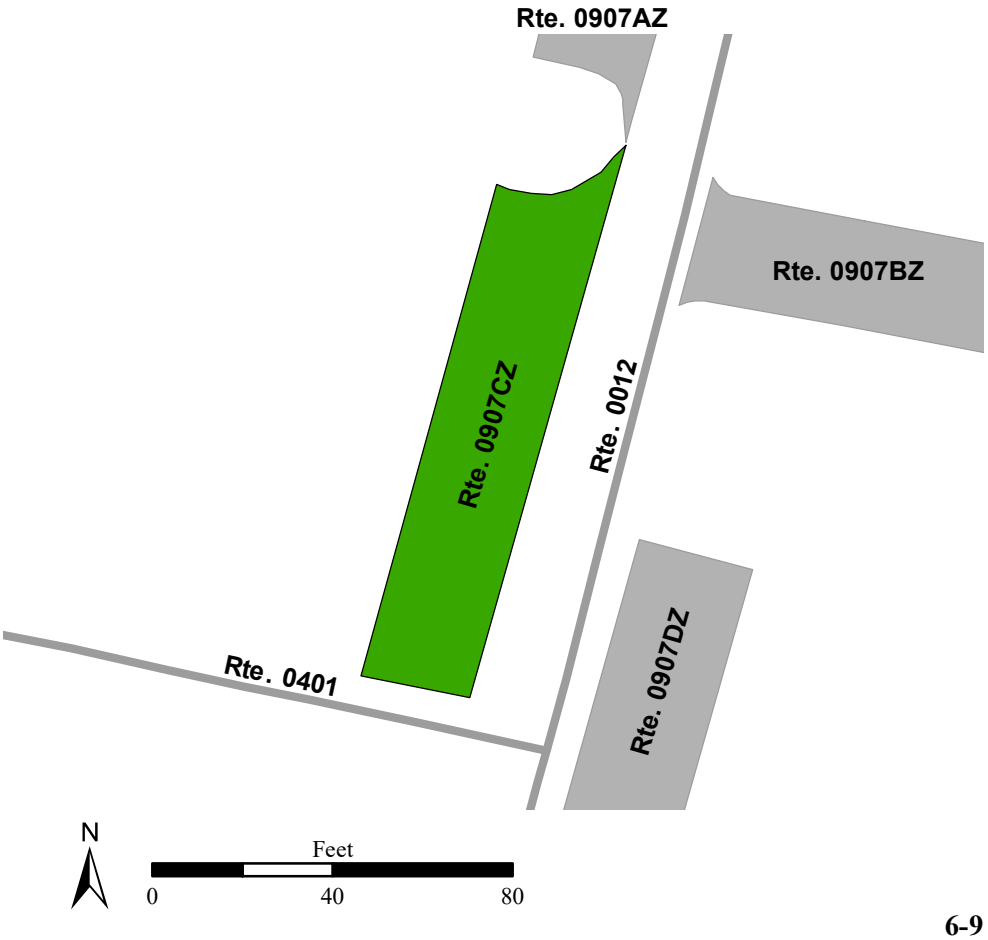
Inspection Date	FMSS Number	User Access	Surface Type
3/14/2019	72708	PUBLIC	ASPHALT
Area (Sq. Ft.)	**Lane Miles (11' Widths)**	**Curb Reveal (Inches)**	**Curb Recommendation**
2,482	0.043	NOT APPLICABLE	NOT APPLICABLE
Curb Type		**Curb & Gutter Type**	
NO CURB		NO CURB AND GUTTER	
Pavement Recommendation		**Condition Rating / PCR**	
PREVENTIVE MAINTENANCE		GOOD / 90	

Route Condition Legend – Pavement Condition Rating (PCR)

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

See Appendix for definitions and formulas





Gulf Islands National Seashore

ROUTE 0907DZ: FORT PICKENS DISTRICT PARKING D

Subcomponent of Route GUIS-0907ZZ
Manual Rating

FROM INTERSECTION OF ROUTE 0012 (FORT PICKENS ROAD) ON RIGHT AND ROUTE 0401 (FORT PICKENS DISTRICT OFFICE ROAD)

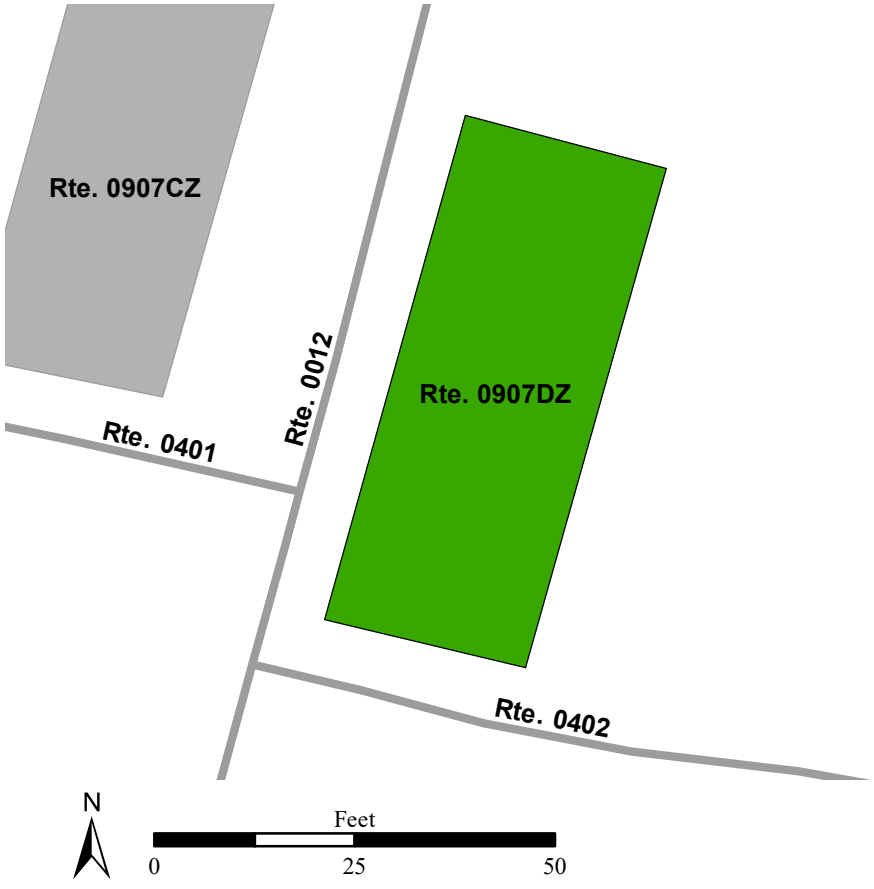
TO PARKING

Inspection Date	FMSS Number	User Access	Surface Type
3/14/2019	72708	PUBLIC	ASPHALT
Area (Sq. Ft.)	**Lane Miles (11' Widths)**	**Curb Reveal (Inches)**	**Curb Recommendation**
1,451	0.025	NOT APPLICABLE	NOT APPLICABLE
Curb Type		**Curb & Gutter Type**	
NO CURB		NO CURB AND GUTTER	
Pavement Recommendation		**Condition Rating / PCR**	
PREVENTIVE MAINTENANCE		GOOD / 90	

Route Condition Legend – Pavement Condition Rating (PCR)

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

See Appendix for definitions and formulas



Gulf Islands National Seashore

ROUTE 0908: FORT PICKENS PARKING

Manual Rating

FROM ROUTE 0500 (FORT PICKENS LOOP ROAD) AT MP 0.3 ON RIGHT

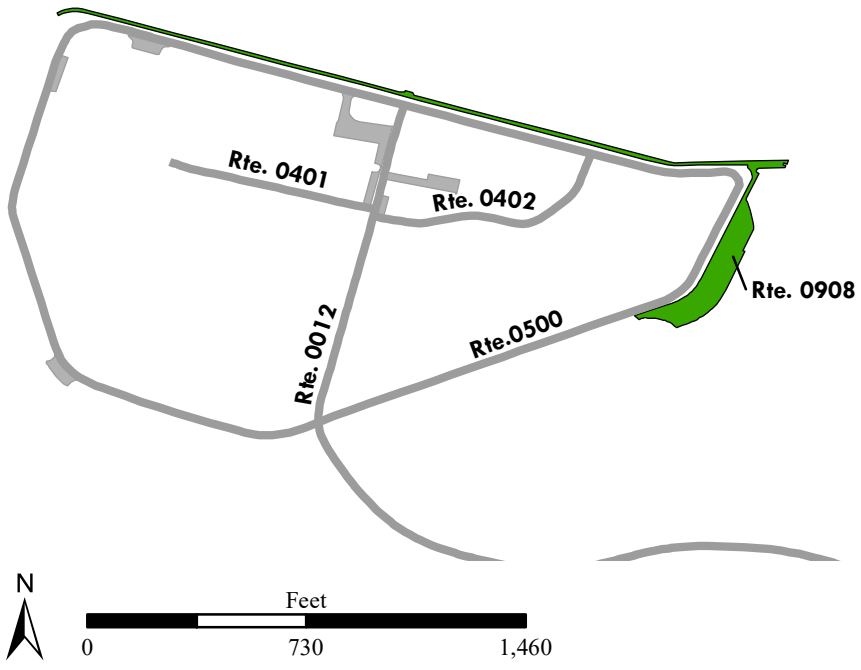
TO END OF ROUTE 0012 (FORT PICKENS ROAD)

Inspection Date	FMSS Number	User Access	Surface Type
3/14/2019	72710	PUBLIC	ASPHALT
Area (Sq. Ft.)	**Lane Miles (11' Widths)**	**Curb Reveal (Inches)**	**Curb Recommendation**
58,973	1.015	1	DO NOTHING
Curb Type		**Curb & Gutter Type**	
CONCRETE		NO CURB AND GUTTER	
Pavement Recommendation		**Condition Rating / PCR**	
PREVENTIVE MAINTENANCE		GOOD / 90	

Route Condition Legend – Pavement Condition Rating (PCR)

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

See Appendix for definitions and formulas



Gulf Islands National Seashore

ROUTE 0909: BATTERY TRUEMAN PARKING

Manual Rating

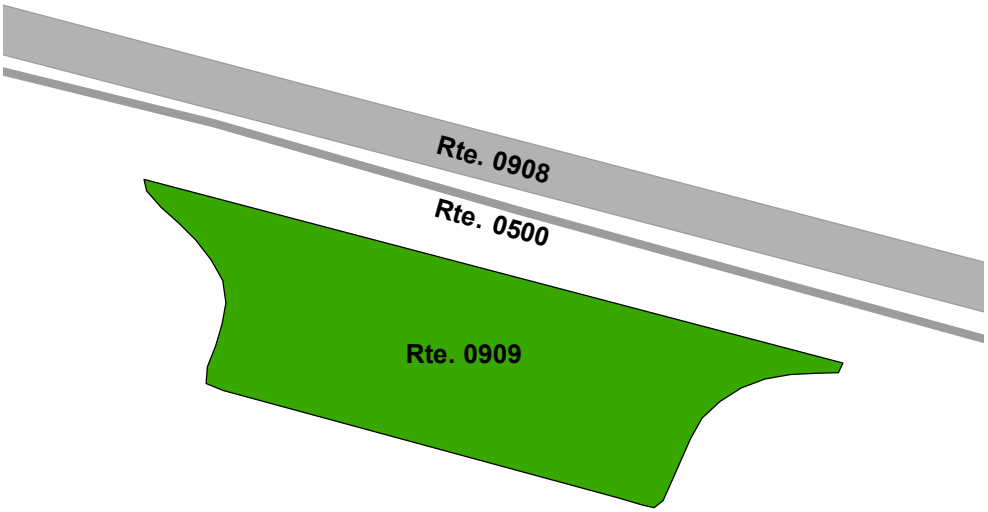
ADJACENT TO ROUTE 0500 (FORT PICKENS LOOP ROAD) AT MP 0.63 ON LEFT

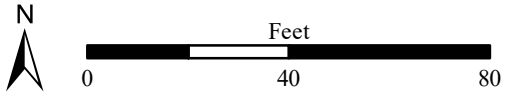
Inspection Date	FMSS Number	User Access	Surface Type
3/14/2019	72711	PUBLIC	ASPHALT
Area (Sq. Ft.)	**Lane Miles (11' Widths)**	**Curb Reveal (Inches)**	**Curb Recommendation**
3,381	0.058	NOT APPLICABLE	NOT APPLICABLE
Curb Type		**Curb & Gutter Type**	
NO CURB		NO CURB AND GUTTER	
Pavement Recommendation		**Condition Rating / PCR**	
PREVENTIVE MAINTENANCE		GOOD / 90	

Route Condition Legend – Pavement Condition Rating (PCR)

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

See Appendix for definitions and formulas





Gulf Islands National Seashore

ROUTE 0910: JETTIES RESTROOM PARKING

Manual Rating

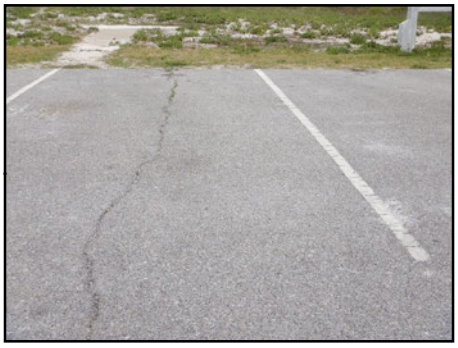
ADJACENT TO ROUTE 0500 (FORT PICKENS LOOP ROAD) AT MP 0.7 ON LEFT

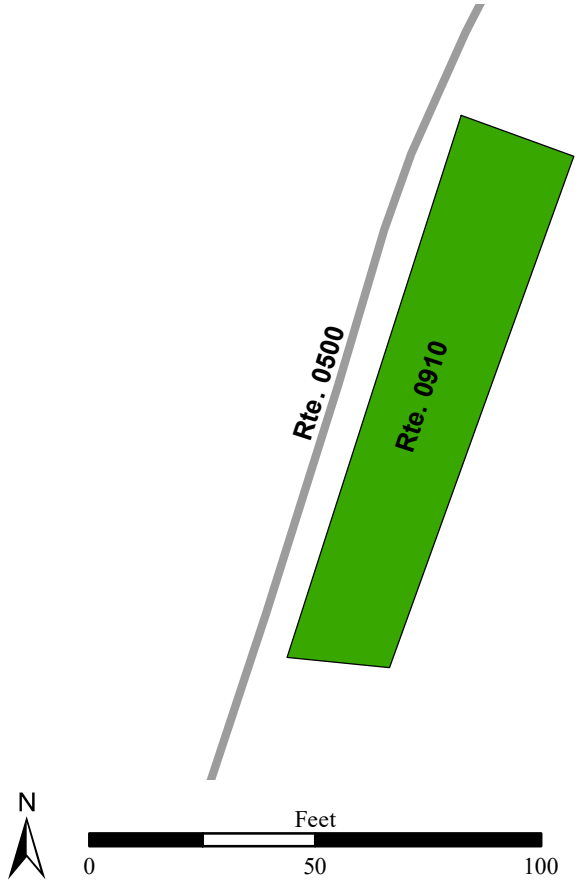
Inspection Date	FMSS Number	User Access	Surface Type
3/14/2019	72714	PUBLIC	ASPHALT
Area (Sq. Ft.)	**Lane Miles (11' Widths)**	**Curb Reveal (Inches)**	**Curb Recommendation**
2,583	0.044	NOT APPLICABLE	NOT APPLICABLE
Curb Type		**Curb & Gutter Type**	
NO CURB		NO CURB AND GUTTER	
Pavement Recommendation		**Condition Rating / PCR**	
PREVENTIVE MAINTENANCE		GOOD / 90	

Route Condition Legend – Pavement Condition Rating (PCR)

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

See Appendix for definitions and formulas





Gulf Islands National Seashore

ROUTE 0911: BATTERY PAYNE PARKING

Manual Rating

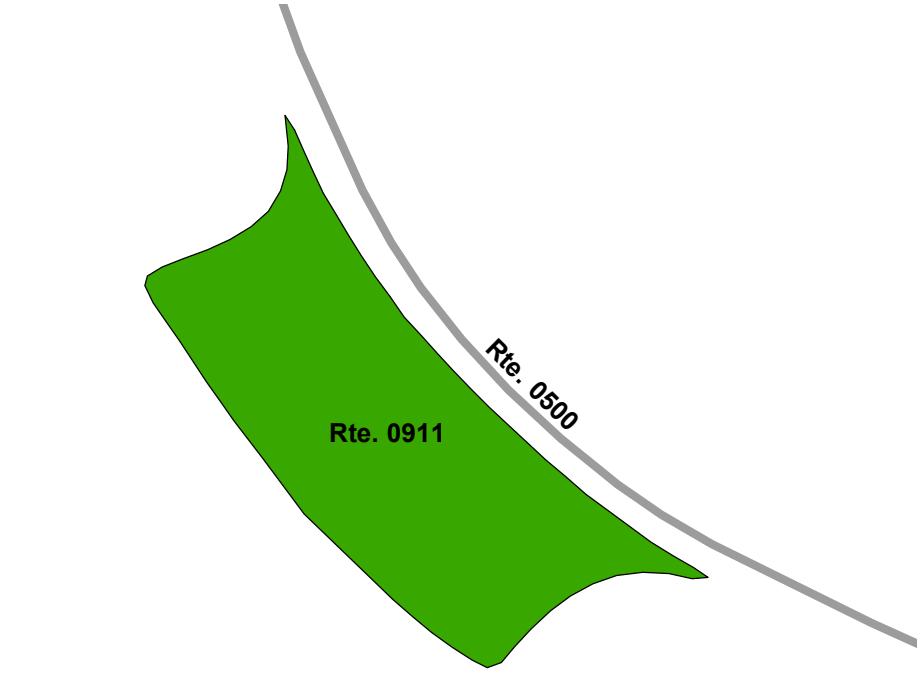
ADJACENT TO ROUTE 0500 (FORT PICKENS LOOP ROAD) AT MP 0.89 ON RIGHT

Inspection Date	FMSS Number	User Access	Surface Type
3/14/2019	72717	PUBLIC	ASPHALT
Area (Sq. Ft.)	**Lane Miles (11' Widths)**	**Curb Reveal (Inches)**	**Curb Recommendation**
3,842	0.066	NOT APPLICABLE	NOT APPLICABLE
Curb Type		**Curb & Gutter Type**	
NO CURB		NO CURB AND GUTTER	
Pavement Recommendation		**Condition Rating / PCR**	
PREVENTIVE MAINTENANCE		GOOD / 90	

Route Condition Legend – Pavement Condition Rating (PCR)

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

See Appendix for definitions and formulas



Gulf Islands National Seashore

ROUTE 0912: GRAVES PARKING

Manual Rating

FROM ROUTE 0012 (FORT PICKENS ROAD) AT MP 6.47 ON RIGHT

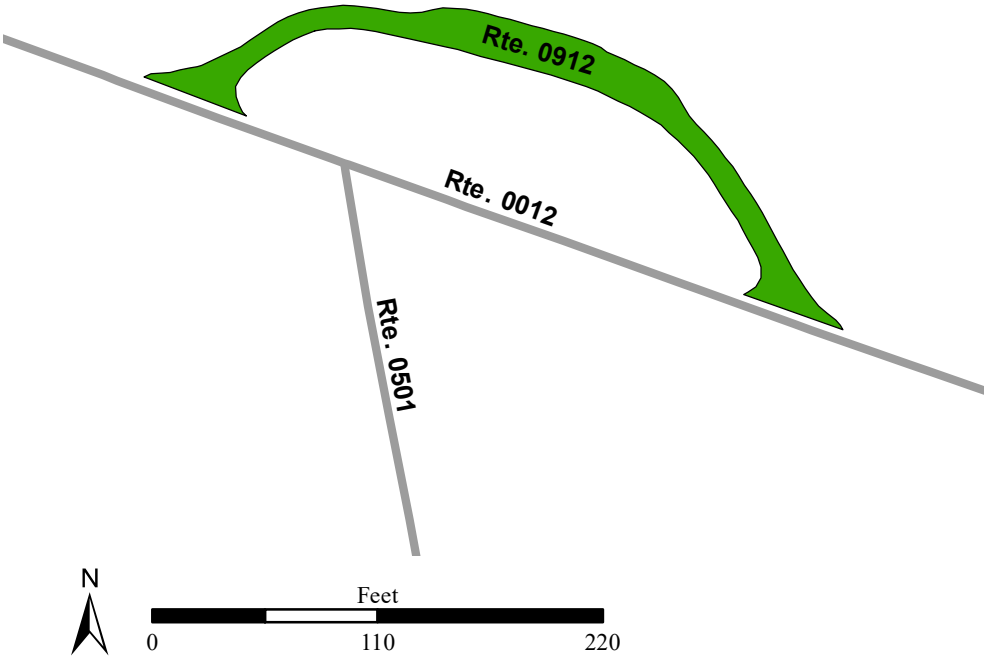
TO ROUTE 0012 (FORT PICKENS ROAD) AT MP 6.52 ON RIGHT

Inspection Date	FMSS Number	User Access	Surface Type
3/14/2019	72720	PUBLIC	ASPHALT
Area (Sq. Ft.)	**Lane Miles (11' Widths)**	**Curb Reveal (Inches)**	**Curb Recommendation**
5,188	0.089	NOT APPLICABLE	NOT APPLICABLE
Curb Type		**Curb & Gutter Type**	
NO CURB		NO CURB AND GUTTER	
Pavement Recommendation		**Condition Rating / PCR**	
PREVENTIVE MAINTENANCE		GOOD / 90	

Route Condition Legend – Pavement Condition Rating (PCR)

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

See Appendix for definitions and formulas



Gulf Islands National Seashore

ROUTE 0913: BATTERY 234 PARKING

Manual Rating

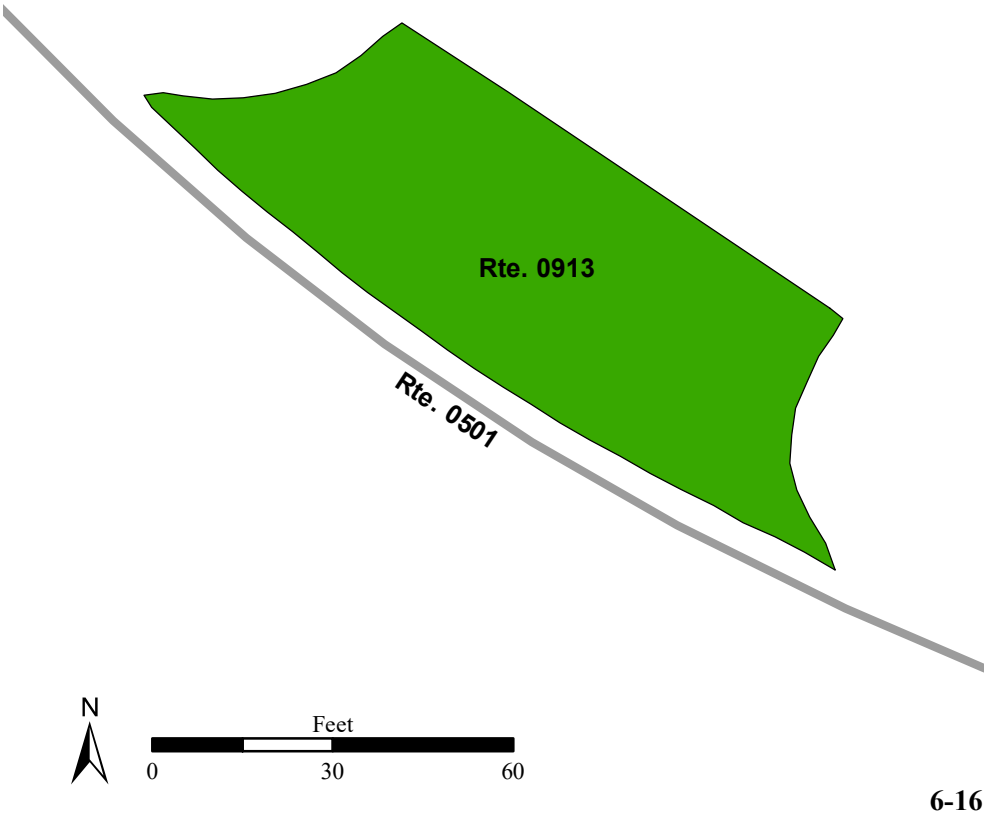
ADJACENT TO ROUTE 0501 (BATTERY 234 LOOP ROAD) AT MP 0.24 ON LEFT

Inspection Date	FMSS Number	User Access	Surface Type
3/15/2019	72722	PUBLIC	ASPHALT
Area (Sq. Ft.)	**Lane Miles (11' Widths)**	**Curb Reveal (Inches)**	**Curb Recommendation**
3,603	0.062	NOT APPLICABLE	NOT APPLICABLE
Curb Type		**Curb & Gutter Type**	
NO CURB		NO CURB AND GUTTER	
Pavement Recommendation		**Condition Rating / PCR**	
PREVENTIVE MAINTENANCE		GOOD / 90	

Route Condition Legend – Pavement Condition Rating (PCR)

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

See Appendix for definitions and formulas



Gulf Islands National Seashore

ROUTE 0914: BATTERY COOPER PARKING

Manual Rating

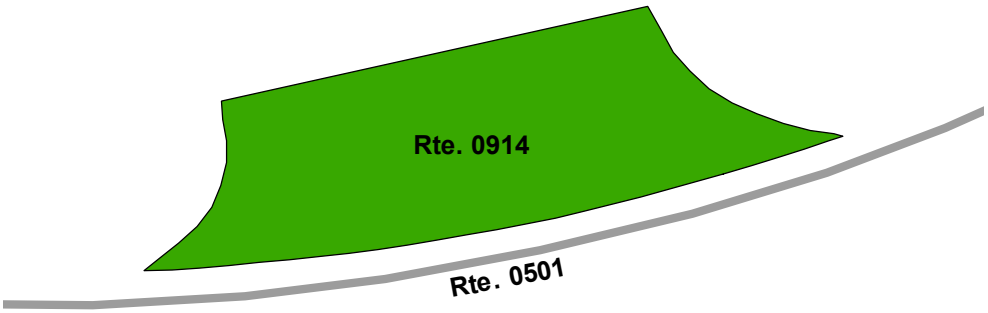
ADJACENT TO ROUTE 0501 (BATTERY 234 LOOP ROAD) AT MP 0.4 ON LEFT

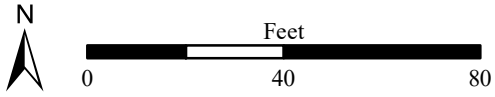
Inspection Date	FMSS Number	User Access	Surface Type
3/15/2019	72728	PUBLIC	ASPHALT
Area (Sq. Ft.)	**Lane Miles (11' Widths)**	**Curb Reveal (Inches)**	**Curb Recommendation**
3,366	0.058	NOT APPLICABLE	NOT APPLICABLE
Curb Type		**Curb & Gutter Type**	
NO CURB		NO CURB AND GUTTER	
Pavement Recommendation		**Condition Rating / PCR**	
PREVENTIVE MAINTENANCE		GOOD / 90	

Route Condition Legend – Pavement Condition Rating (PCR)

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

See Appendix for definitions and formulas





Gulf Islands National Seashore

ROUTE 0915: BATTERY WORTH PICNIC ACCESS AND PARKING

Manual Rating

FROM INTERSECTION OF ROUTE 0012 (FORT PICKENS ROAD) AND ROUTE 0501 (BATTERY 234 LOOP ROAD)

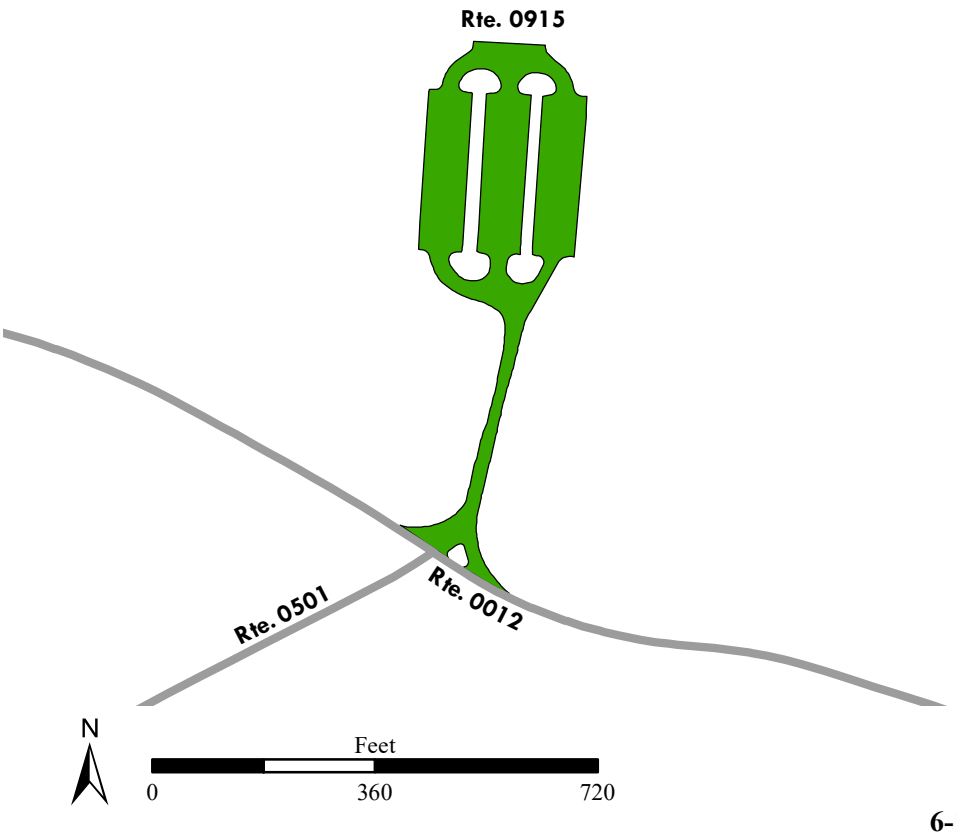
TO PARKING

Inspection Date	FMSS Number	User Access	Surface Type
3/14/2019	72731	PUBLIC	ASPHALT
Area (Sq. Ft.)	**Lane Miles (11' Widths)**	**Curb Reveal (Inches)**	**Curb Recommendation**
76,684	1.32	NOT APPLICABLE	NOT APPLICABLE
Curb Type		**Curb & Gutter Type**	
NO CURB		NO CURB AND GUTTER	
Pavement Recommendation		**Condition Rating / PCR**	
PREVENTIVE MAINTENANCE		GOOD / 90	

Route Condition Legend – Pavement Condition Rating (PCR)

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

See Appendix for definitions and formulas



Gulf Islands National Seashore

ROUTE 0916: CAMPGROUND STORE PARKING

Manual Rating

FROM ROUTE 0012 (FORT PICKENS ROAD) AT MP 5.84 ON RIGHT

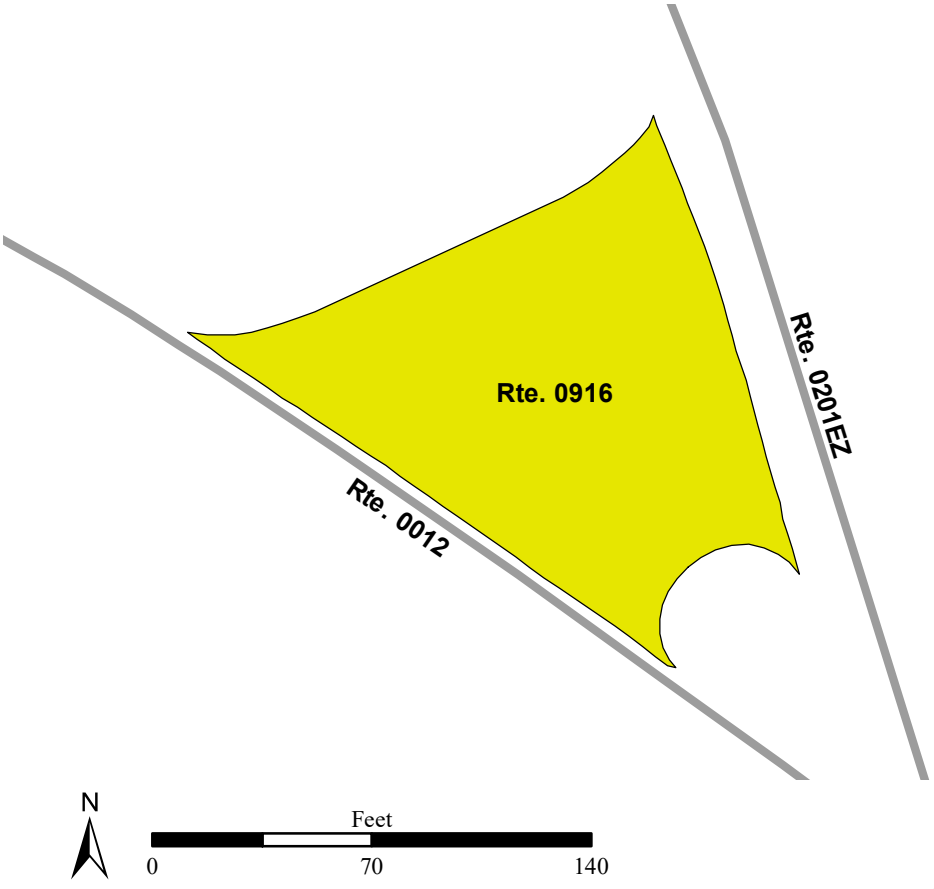
TO ROUTE 0201ZZ (FORT PICKENS CAMPGROUND LOOPS B-E)

Inspection Date	FMSS Number	User Access	Surface Type
3/14/2019	79900	PUBLIC	ASPHALT
Area (Sq. Ft.)	**Lane Miles (11' Widths)**	**Curb Reveal (Inches)**	**Curb Recommendation**
12,633	0.218	NOT APPLICABLE	NOT APPLICABLE
Curb Type		**Curb & Gutter Type**	
NO CURB		NO CURB AND GUTTER	
Pavement Recommendation		**Condition Rating / PCR**	
LIGHT 3R TREATMENTS		FAIR / 73	

Route Condition Legend – Pavement Condition Rating (PCR)

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

See Appendix for definitions and formulas



Gulf Islands National Seashore

ROUTE 0918ZZ: LANGDON BEACH PARKING

Summary Route
Manual Rating

ADJACENT TO ROUTE 0100 (LANGDON BEACH ACCESS ROAD) ON RIGHT AND LEFT

Inspection Date	FMSS Number	User Access	Surface Type
3/15/2019	72745	PUBLIC	ASPHALT
Area (Sq. Ft.)	**Lane Miles (11' Widths)**	**Condition Rating / PCR**	
19313	0.333	SUMMARY / 90	

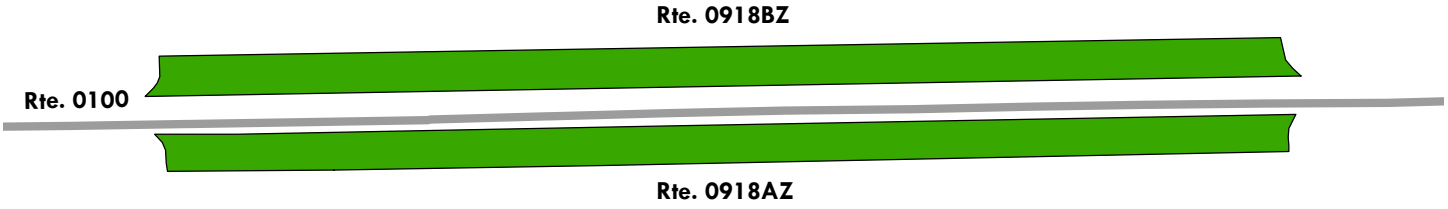
Route Condition Legend – Pavement Condition Rating (PCR)

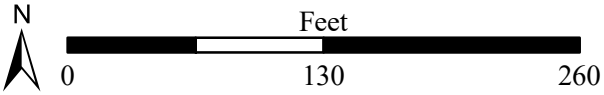
Poor (0 - 60)	Fair (61- 84)	Good (85 - 94)	Excellent (95 - 100)	Not Rated

See Appendix for definitions and formulas

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

Rte. 0918ZZ
(2 Subcomponents)





Gulf Islands National Seashore

ROUTE 0918AZ: LANGDON BEACH PARKING A

Subcomponent of Route GUIS-0918ZZ
Manual Rating

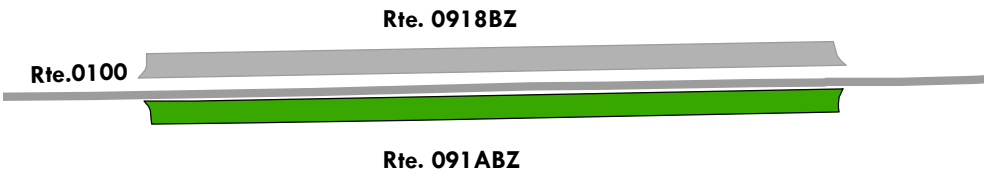
ADJACENT TO ROUTE 0100 (LANGDON BEACH ACCESS ROAD) AT MP 0.14 ON RIGHT

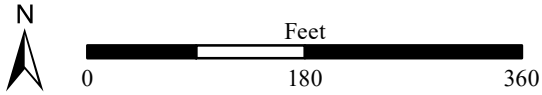
Inspection Date	FMSS Number	User Access	Surface Type
3/15/2019	72745	PUBLIC	ASPHALT
Area (Sq. Ft.)	**Lane Miles (11' Widths)**	**Curb Reveal (Inches)**	**Curb Recommendation**
9,410	0.162	NOT APPLICABLE	NOT APPLICABLE
Curb Type		**Curb & Gutter Type**	
NO CURB		NO CURB AND GUTTER	
Pavement Recommendation		**Condition Rating / PCR**	
PREVENTIVE MAINTENANCE		GOOD / 90	

Route Condition Legend – Pavement Condition Rating (PCR)

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

See Appendix for definitions and formulas





Gulf Islands National Seashore

ROUTE 0918BZ: LANGDON BEACH PARKING B

Subcomponent of Route GUIS-0918ZZ
Manual Rating

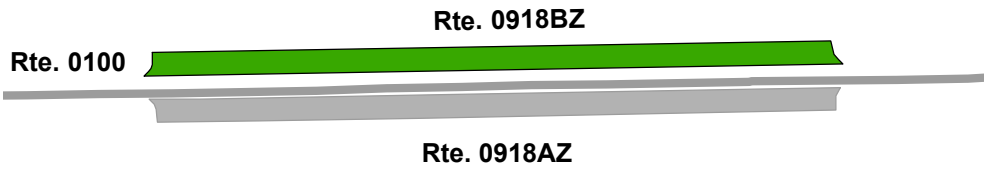
ADJACENT TO ROUTE 0100 (LANGDON BEACH ACCESS ROAD) AT MP 0.14 ON LEFT

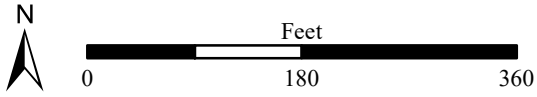
Inspection Date	FMSS Number	User Access	Surface Type
3/15/2019	72745	PUBLIC	ASPHALT
Area (Sq. Ft.)	**Lane Miles (11' Widths)**	**Curb Reveal (Inches)**	**Curb Recommendation**
9,903	0.171	NOT APPLICABLE	NOT APPLICABLE
Curb Type		**Curb & Gutter Type**	
NO CURB		NO CURB AND GUTTER	
Pavement Recommendation		**Condition Rating / PCR**	
PREVENTIVE MAINTENANCE		GOOD / 90	

Route Condition Legend – Pavement Condition Rating (PCR)

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

See Appendix for definitions and formulas





Gulf Islands National Seashore

ROUTE 0919: CAMPGROUND REGISTRATION / RANGER STATION COMPLEX PARKING

Manual Rating

FROM ROUTE 0012 (FORT PICKENS ROAD) AT MP 4.59 ON RIGHT

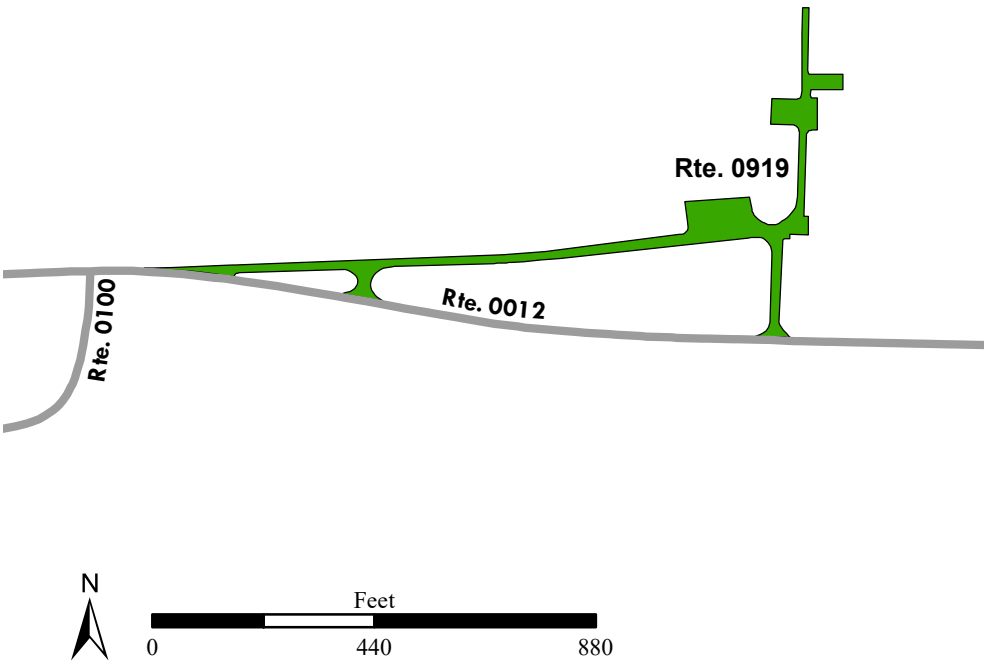
TO ROUTE 0012 (FORT PICKENS ROAD) AT MP 4.73 ON RIGHT

Inspection Date	FMSS Number	User Access	Surface Type
3/15/2019	72748	PUBLIC	ASPHALT
Area (Sq. Ft.)	**Lane Miles (11' Widths)**	**Curb Reveal (Inches)**	**Curb Recommendation**
43,849	0.755	NOT APPLICABLE	NOT APPLICABLE
Curb Type		**Curb & Gutter Type**	
NO CURB		NO CURB AND GUTTER	
Pavement Recommendation		**Condition Rating / PCR**	
PREVENTIVE MAINTENANCE		GOOD / 90	

Route Condition Legend – Pavement Condition Rating (PCR)

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

See Appendix for definitions and formulas



Gulf Islands National Seashore

ROUTE 0920: PUBLIC BEACH PARKING #22

Manual Rating

FROM ROUTE 0012 (FORT PICKENS ROAD) AT MP 3.74 ON LEFT

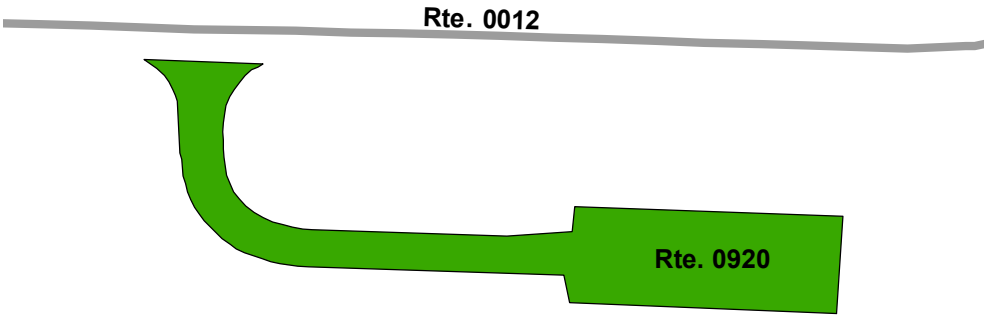
TO ROUTE 0012 (FORT PICKENS ROAD)

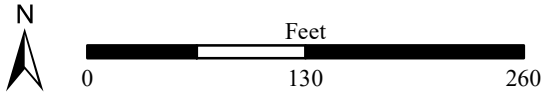
Inspection Date	FMSS Number	User Access	Surface Type
3/15/2019	72756	PUBLIC	ASPHALT
Area (Sq. Ft.)	**Lane Miles (11' Widths)**	**Curb Reveal (Inches)**	**Curb Recommendation**
14,640	0.252	NOT APPLICABLE	NOT APPLICABLE
Curb Type		**Curb & Gutter Type**	
NO CURB		NO CURB AND GUTTER	
Pavement Recommendation		**Condition Rating / PCR**	
PREVENTIVE MAINTENANCE		GOOD / 90	

Route Condition Legend – Pavement Condition Rating (PCR)

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

See Appendix for definitions and formulas





Gulf Islands National Seashore

ROUTE 0921: PUBLIC BEACH PARKING #21

Manual Rating

FROM ROUTE 0012 (FORT PICKENS ROAD) AT MP 1.66 ON LEFT

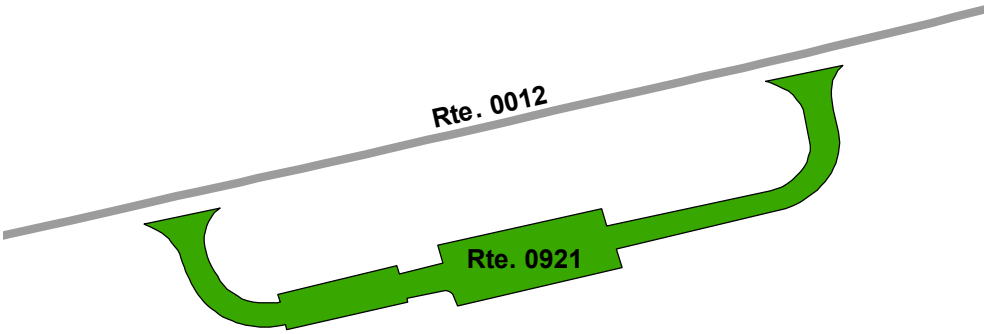
TO ROUTE 0012 (FORT PICKENS ROAD) AT MP 1.76 ON LEFT

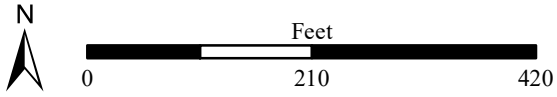
Inspection Date	FMSS Number	User Access	Surface Type
3/15/2019	72766	PUBLIC	ASPHALT
Area (Sq. Ft.)	**Lane Miles (11' Widths)**	**Curb Reveal (Inches)**	**Curb Recommendation**
22,366	0.385	NOT APPLICABLE	NOT APPLICABLE
Curb Type		**Curb & Gutter Type**	
NO CURB		NO CURB AND GUTTER	
Pavement Recommendation		**Condition Rating / PCR**	
PREVENTIVE MAINTENANCE		GOOD / 90	

Route Condition Legend – Pavement Condition Rating (PCR)

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

See Appendix for definitions and formulas





Gulf Islands National Seashore

ROUTE 0922: NAVAL LIVE OAKS GROUP CAMPING AREA PARKING

Manual Rating

FROM END OF ROUTE 0210 (NAVAL LIVE OAKS ROAD)

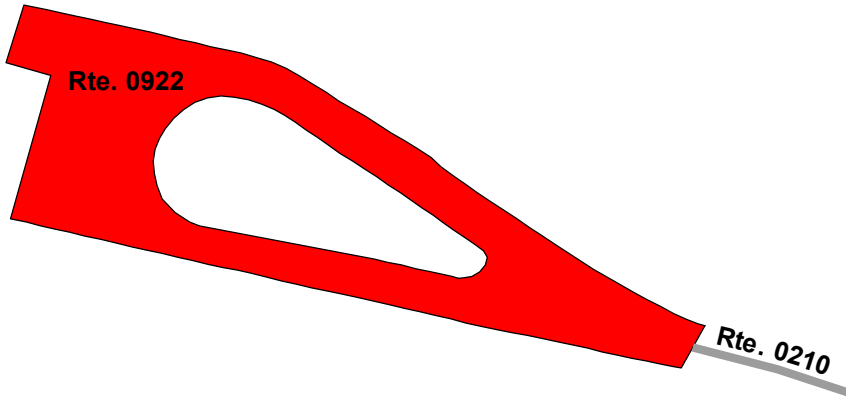
TO PARKING

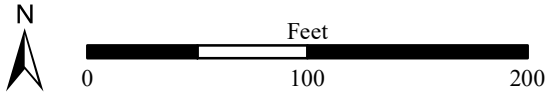
Inspection Date	FMSS Number	User Access	Surface Type
3/15/2019	72773	PUBLIC	ASPHALT
Area (Sq. Ft.)	**Lane Miles (11' Widths)**	**Curb Reveal (Inches)**	**Curb Recommendation**
13,821	0.238	NOT APPLICABLE	NOT APPLICABLE
Curb Type		**Curb & Gutter Type**	
NO CURB		NO CURB AND GUTTER	
Pavement Recommendation		**Condition Rating / PCR**	
HEAVY 3R TREATMENTS		POOR / 53	

Route Condition Legend – Pavement Condition Rating (PCR)

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

See Appendix for definitions and formulas





Gulf Islands National Seashore

ROUTE 0923: NAVAL LIVE OAKS NORTH PARKING

Manual Rating

FROM ROUTE 0210 (NAVAL LIVE OAKS ROAD) AT MP 0.18 ON RIGHT

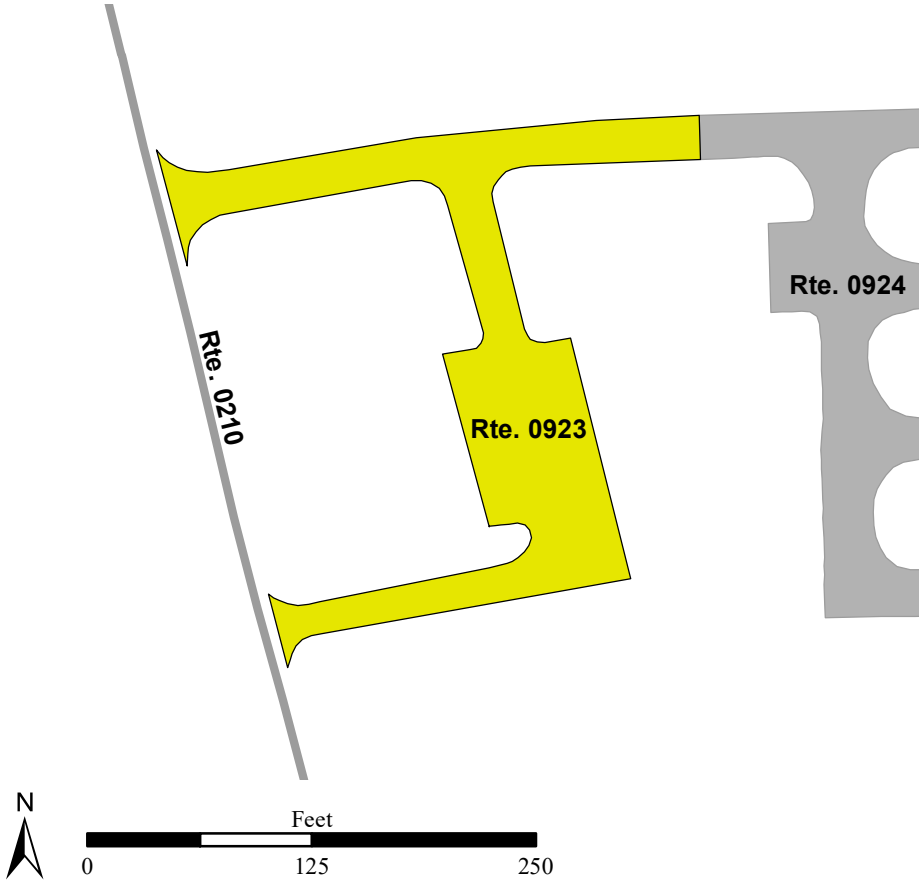
TO ROUTE 0924 (NAVAL LIVE OAKS MAINTENANCE COMPLEX PARKING)

Inspection Date	FMSS Number	User Access	Surface Type
3/15/2019	72781	PUBLIC	ASPHALT
Area (Sq. Ft.)	**Lane Miles (11' Widths)**	**Curb Reveal (Inches)**	**Curb Recommendation**
18,787	0.323	NOT APPLICABLE	LIGHT REPAIR
Curb Type		**Curb & Gutter Type**	
NO CURB		CONCRETE	
Pavement Recommendation		**Condition Rating / PCR**	
LIGHT 3R TREATMENTS		FAIR / 73	

Route Condition Legend – Pavement Condition Rating (PCR)

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

See Appendix for definitions and formulas



Gulf Islands National Seashore

ROUTE 0924: NAVAL LIVE OAKS MAINTENANCE COMPLEX PARKING

Manual Rating

FROM ROUTE 0923 (NAVAL LIVE OAKS NORTH PARKING)

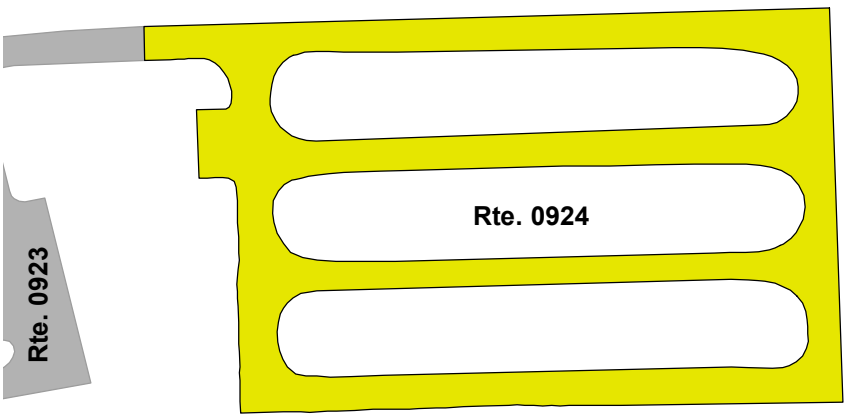
TO PARKING

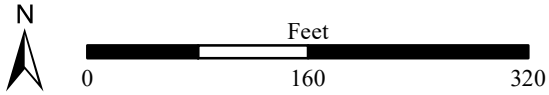
Inspection Date	FMSS Number	User Access	Surface Type
3/15/2019	72783	NONPUBLIC	ASPHALT
Area (Sq. Ft.)	**Lane Miles (11' Widths)**	**Curb Reveal (Inches)**	**Curb Recommendation**
48,595	0.837	NOT APPLICABLE	LIGHT REPAIR
Curb Type		**Curb & Gutter Type**	
NO CURB		CONCRETE	
Pavement Recommendation		**Condition Rating / PCR**	
LIGHT 3R TREATMENTS		FAIR / 73	

Route Condition Legend – Pavement Condition Rating (PCR)

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

See Appendix for definitions and formulas





Gulf Islands National Seashore

ROUTE 0925ZZ: HEADQUARTERS & VISITORS CENTER PARKING

Summary Route
Manual Rating

FROM ROUTE 0207 (HEADQUARTERS AND VISITOR CENTER ACCESS ROAD) ON RIGHT AND LEFT

TO PARKING

Inspection Date	FMSS Number	User Access	Surface Type
3/15/2019	72784	PUBLIC	ASPHALT
Area (Sq. Ft.)	**Lane Miles (11' Widths)**	**Condition Rating / PCR**	
58,753	1.011	SUMMARY / 90	

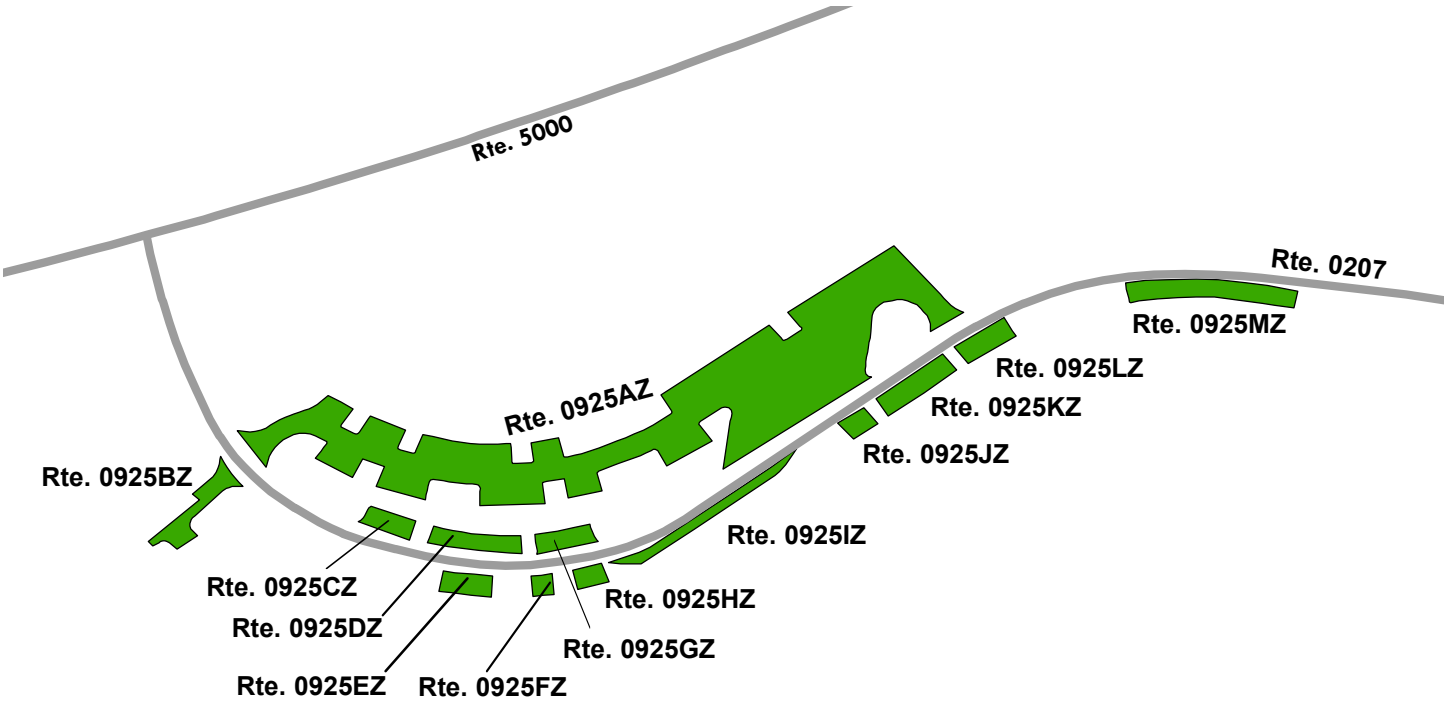
Route Condition Legend – Pavement Condition Rating (PCR)

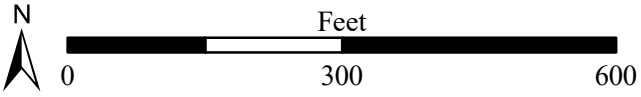
Poor (0 - 60)	Fair (61- 84)	Good (85 - 94)	Excellent (95 - 100)	Not Rated

See Appendix for definitions and formulas

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

Rte. 0925ZZ
(13 Subcomponents)





Gulf Islands National Seashore

ROUTE 0925AZ: HEADQUARTERS & VISITORS CENTER PARKING A

Subcomponent of Route GUIS-0925ZZ
Manual Rating

FROM ROUTE 0207 (HEADQUARTERS AND VISITOR CENTER ACCESS ROAD) AT MP 0.04 ON LEFT

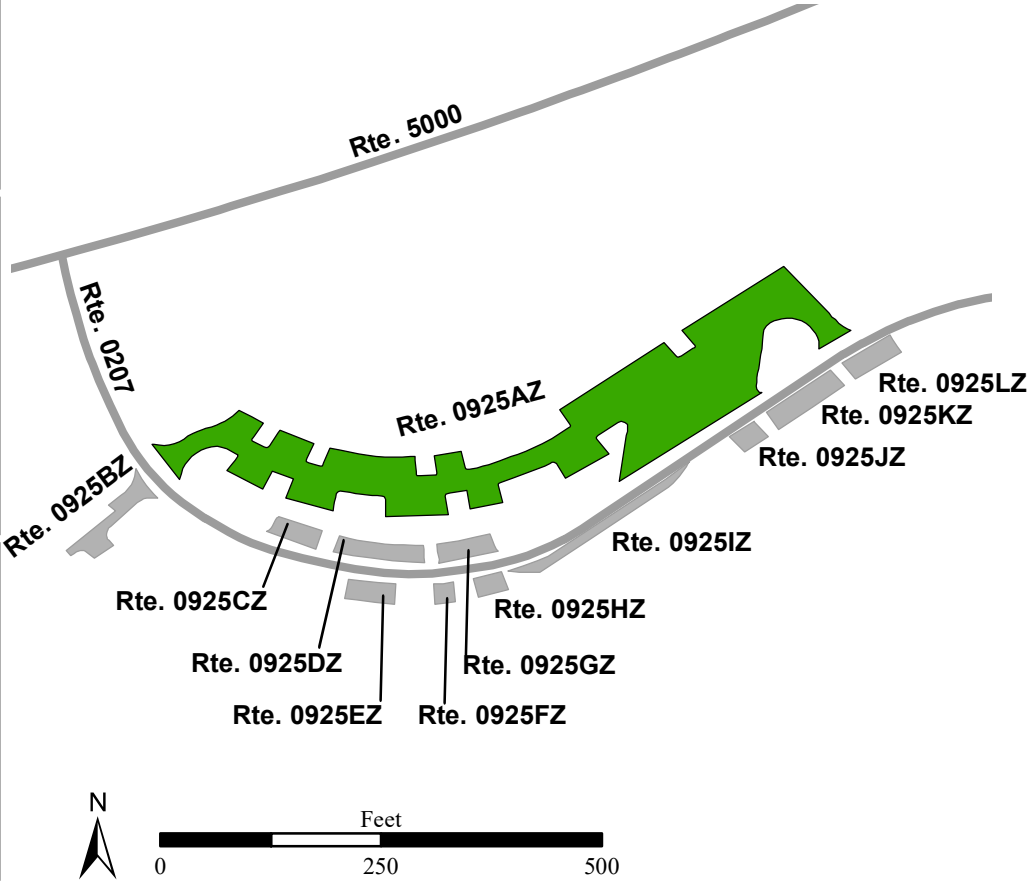
TO ROUTE 0207 (HEADQUARTERS AND VISITOR CENTER ACCESS ROAD) AT MP 0.2 ON LEFT

Inspection Date	FMSS Number	User Access	Surface Type
3/15/2019	72784	PUBLIC	ASPHALT
Area (Sq. Ft.)	**Lane Miles (11' Widths)**	**Curb Reveal (Inches)**	**Curb Recommendation**
42,167	0.726	NOT APPLICABLE	NOT APPLICABLE
Curb Type		**Curb & Gutter Type**	
NO CURB		NO CURB AND GUTTER	
Pavement Recommendation		**Condition Rating / PCR**	
PREVENTIVE MAINTENANCE		GOOD / 90	

Route Condition Legend – Pavement Condition Rating (PCR)

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

See Appendix for definitions and formulas



Gulf Islands National Seashore

ROUTE 0925BZ: HEADQUARTERS & VISITORS CENTER PARKING B

Subcomponent of Route GUIS-0925ZZ
Manual Rating

FROM ROUTE 0207 (HEADQUARTERS AND VISITOR CENTER ACCESS ROAD) AT MP 0.05 ON RIGHT

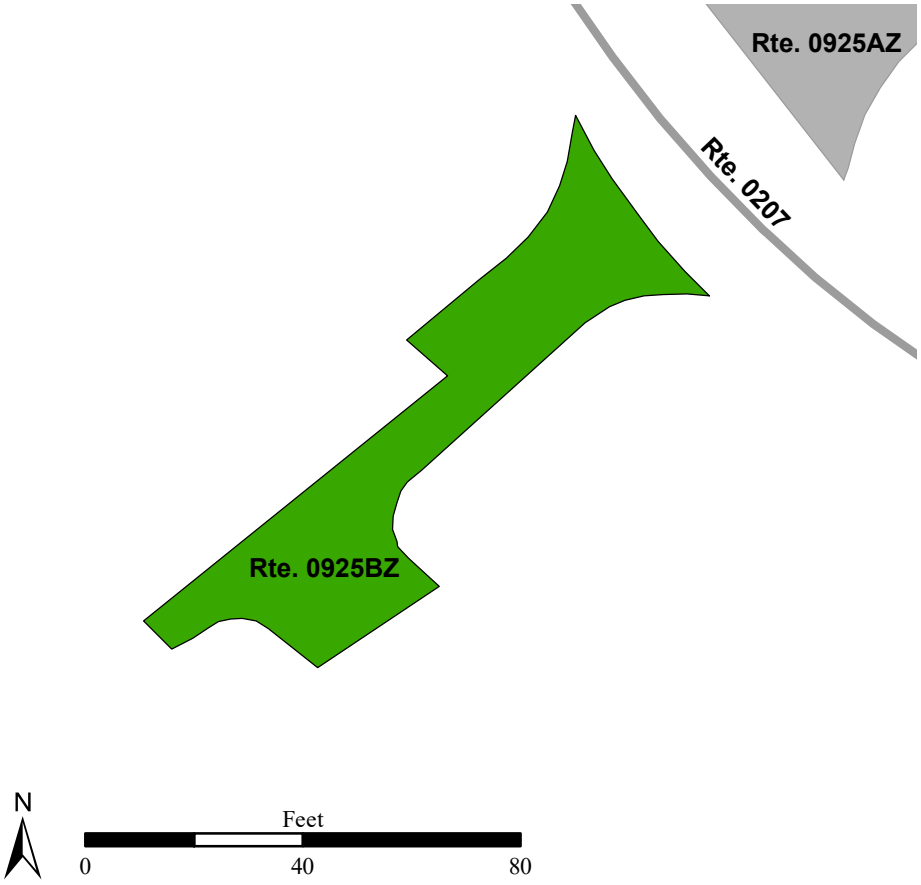
TO PARKING

Inspection Date	FMSS Number	User Access	Surface Type
3/15/2019	72784	PUBLIC	ASPHALT
Area (Sq. Ft.)	**Lane Miles (11' Widths)**	**Curb Reveal (Inches)**	**Curb Recommendation**
1,940	0.033	NOT APPLICABLE	NOT APPLICABLE
Curb Type		**Curb & Gutter Type**	
NO CURB		NO CURB AND GUTTER	
Pavement Recommendation		**Condition Rating / PCR**	
PREVENTIVE MAINTENANCE		GOOD / 90	

Route Condition Legend – Pavement Condition Rating (PCR)

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

See Appendix for definitions and formulas



Gulf Islands National Seashore

ROUTE 0925CZ: HEADQUARTERS & VISITORS CENTER PARKING C

Subcomponent of Route GUIS-0925ZZ

Manual Rating

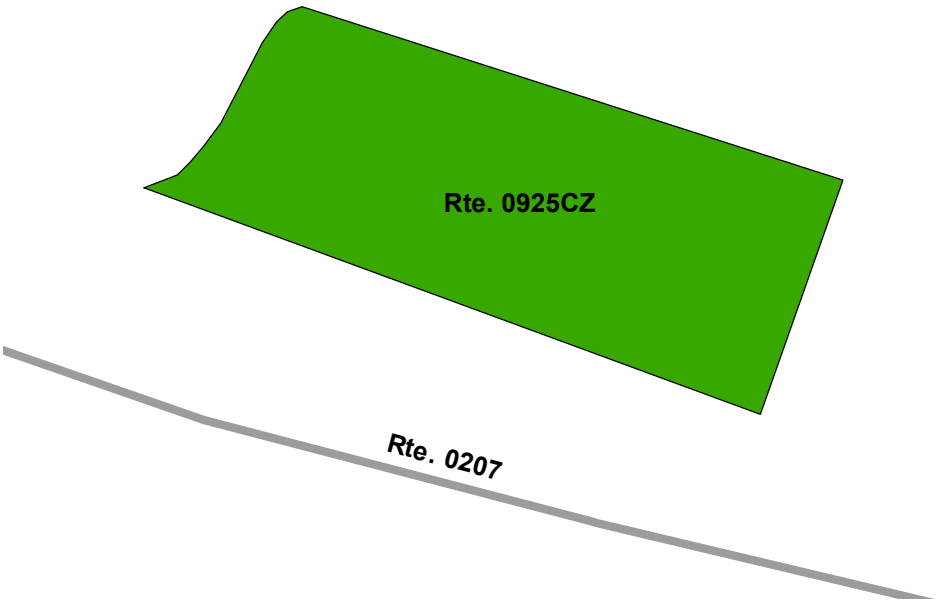
ADJACENT TO ROUTE 0207 (HEADQUARTERS AND VISITOR CENTER ACCESS ROAD) AT MP 0.08 ON LEFT

Inspection Date	FMSS Number	User Access	Surface Type
3/15/2019	72784	PUBLIC	ASPHALT
Area (Sq. Ft.)	**Lane Miles (11' Widths)**	**Curb Reveal (Inches)**	**Curb Recommendation**
1,007	0.017	NOT APPLICABLE	NOT APPLICABLE
Curb Type		**Curb & Gutter Type**	
NO CURB		NO CURB AND GUTTER	
Pavement Recommendation		**Condition Rating / PCR**	
PREVENTIVE MAINTENANCE		GOOD / 90	

Route Condition Legend – Pavement Condition Rating (PCR)

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

See Appendix for definitions and formulas



Gulf Islands National Seashore

ROUTE 0925DZ: HEADQUARTERS & VISITORS CENTER PARKING D

Subcomponent of Route GUIS-0925ZZ
Manual Rating

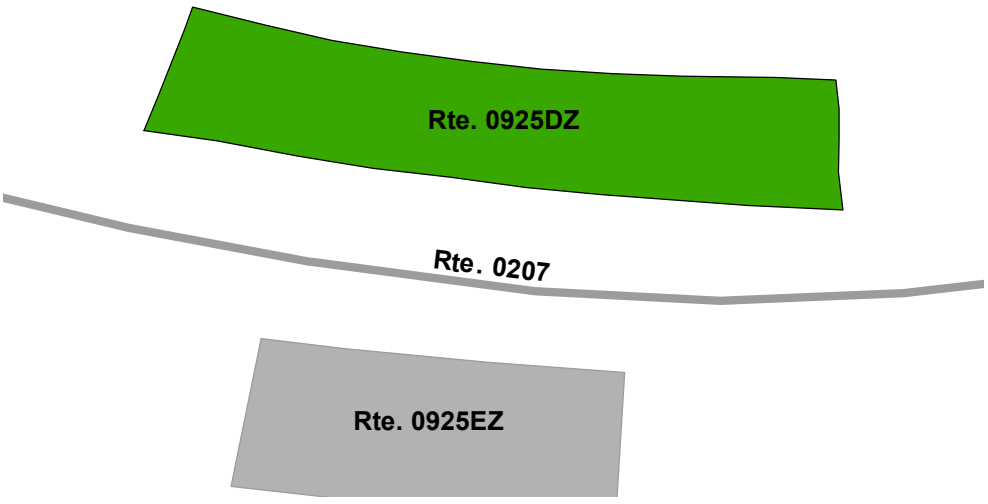
ADJACENT TO ROUTE 0207 (HEADQUARTERS AND VISITOR CENTER ACCESS ROAD) AT MP 0.09 ON LEFT

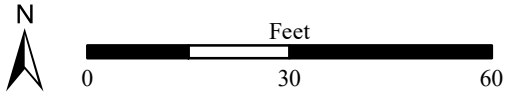
Inspection Date	FMSS Number	User Access	Surface Type
3/15/2019	72784	PUBLIC	ASPHALT
Area (Sq. Ft.)	**Lane Miles (11' Widths)**	**Curb Reveal (Inches)**	**Curb Recommendation**
1,574	0.027	NOT APPLICABLE	NOT APPLICABLE
Curb Type		**Curb & Gutter Type**	
NO CURB		NO CURB AND GUTTER	
Pavement Recommendation		**Condition Rating / PCR**	
PREVENTIVE MAINTENANCE		GOOD / 90	

Route Condition Legend – Pavement Condition Rating (PCR)

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

See Appendix for definitions and formulas





Gulf Islands National Seashore

ROUTE 0925EZ: HEADQUARTERS & VISITORS CENTER PARKING E

Subcomponent of Route GUIS-0925ZZ
Manual Rating

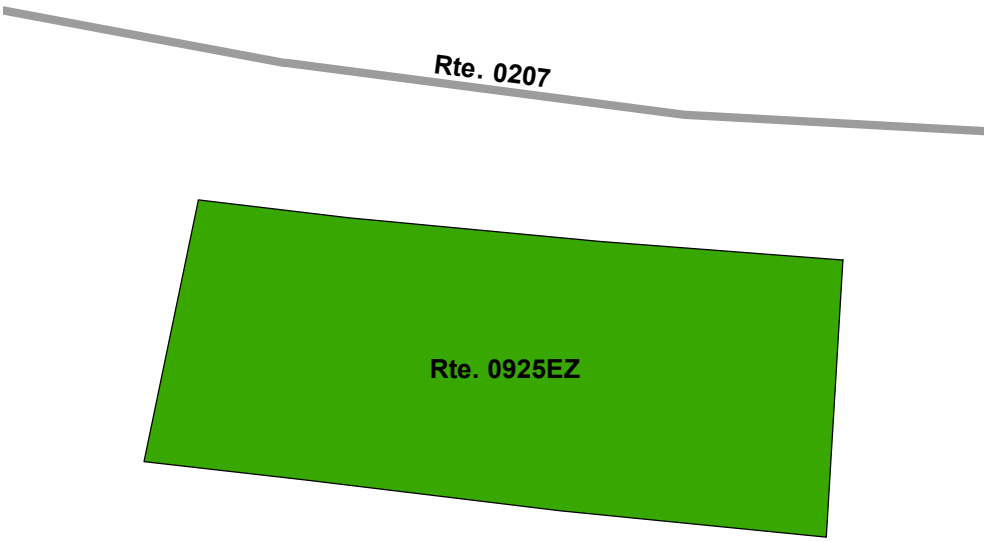
ADJACENT TO ROUTE 0207 (HEADQUARTERS AND VISITOR CENTER ACCESS ROAD) AT MP 0.09 ON RIGHT

Inspection Date	FMSS Number	User Access	Surface Type
3/15/2019	72784	PUBLIC	ASPHALT
Area (Sq. Ft.)	**Lane Miles (11' Widths)**	**Curb Reveal (Inches)**	**Curb Recommendation**
1,087	0.019	NOT APPLICABLE	NOT APPLICABLE
Curb Type		**Curb & Gutter Type**	
NO CURB		NO CURB AND GUTTER	
Pavement Recommendation		**Condition Rating / PCR**	
PREVENTIVE MAINTENANCE		GOOD / 90	

Route Condition Legend – Pavement Condition Rating (PCR)

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

See Appendix for definitions and formulas



Gulf Islands National Seashore

ROUTE 0925FZ: HEADQUARTERS & VISITORS CENTER PARKING F

Subcomponent of Route GUIS-0925ZZ
Manual Rating

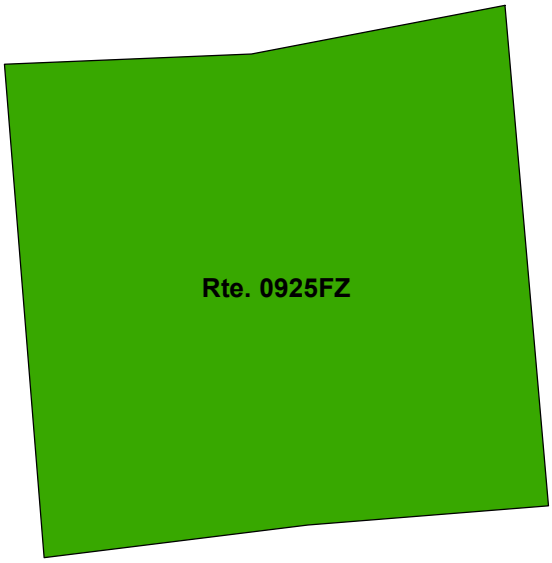
ADJACENT TO ROUTE 0207 (HEADQUARTERS AND VISITOR CENTER ACCESS ROAD) AT MP 0.106 ON RIGHT

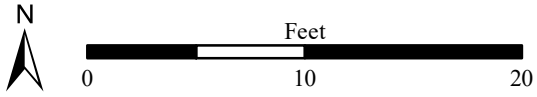
Inspection Date	FMSS Number	User Access	Surface Type
3/15/2019	72784	PUBLIC	ASPHALT
Area (Sq. Ft.)	**Lane Miles (11' Widths)**	**Curb Reveal (Inches)**	**Curb Recommendation**
449	0.008	1	DO NOTHING
Curb Type		**Curb & Gutter Type**	
CONCRETE		NO CURB AND GUTTER	
Pavement Recommendation		**Condition Rating / PCR**	
PREVENTIVE MAINTENANCE		GOOD / 90	

Route Condition Legend – Pavement Condition Rating (PCR)

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

See Appendix for definitions and formulas





Gulf Islands National Seashore

ROUTE 0925GZ: HEADQUARTERS & VISITORS CENTER PARKING G

Subcomponent of Route GUIS-0925ZZ

Manual Rating

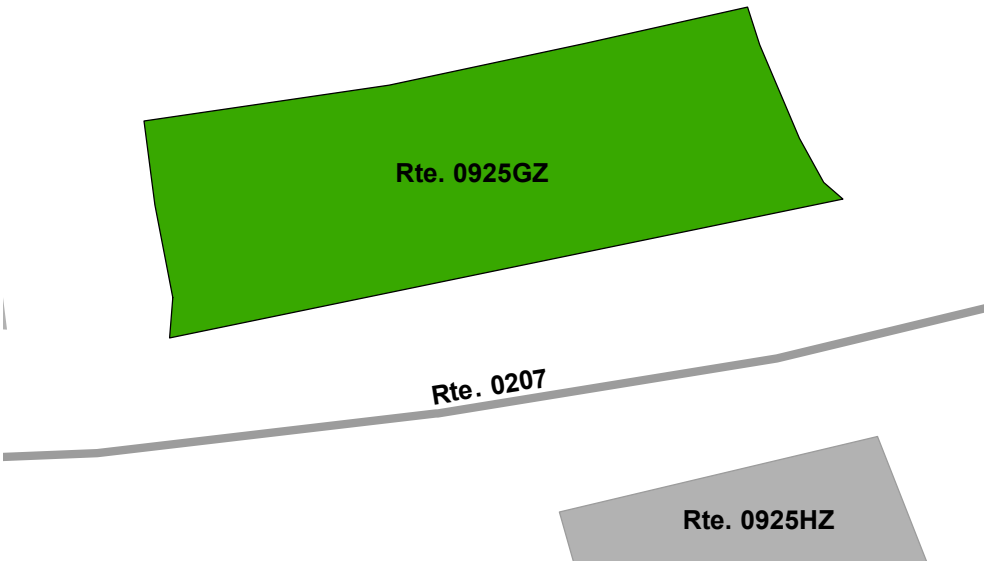
ADJACENT TO ROUTE 0207 (HEADQUARTERS AND VISITOR CENTER ACCESS ROAD) AT MP 0.11 ON LEFT

Inspection Date	FMSS Number	User Access	Surface Type
3/15/2019	72784	PUBLIC	ASPHALT
Area (Sq. Ft.)	**Lane Miles (11' Widths)**	**Curb Reveal (Inches)**	**Curb Recommendation**
1,142	0.02	NOT APPLICABLE	NOT APPLICABLE
Curb Type		**Curb & Gutter Type**	
NO CURB		NO CURB AND GUTTER	
Pavement Recommendation		**Condition Rating / PCR**	
PREVENTIVE MAINTENANCE		GOOD / 90	

Route Condition Legend – Pavement Condition Rating (PCR)

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

See Appendix for definitions and formulas



Gulf Islands National Seashore

ROUTE 0925HZ: HEADQUARTERS & VISITORS CENTER PARKING H

Subcomponent of Route GUIS-0925ZZ
Manual Rating

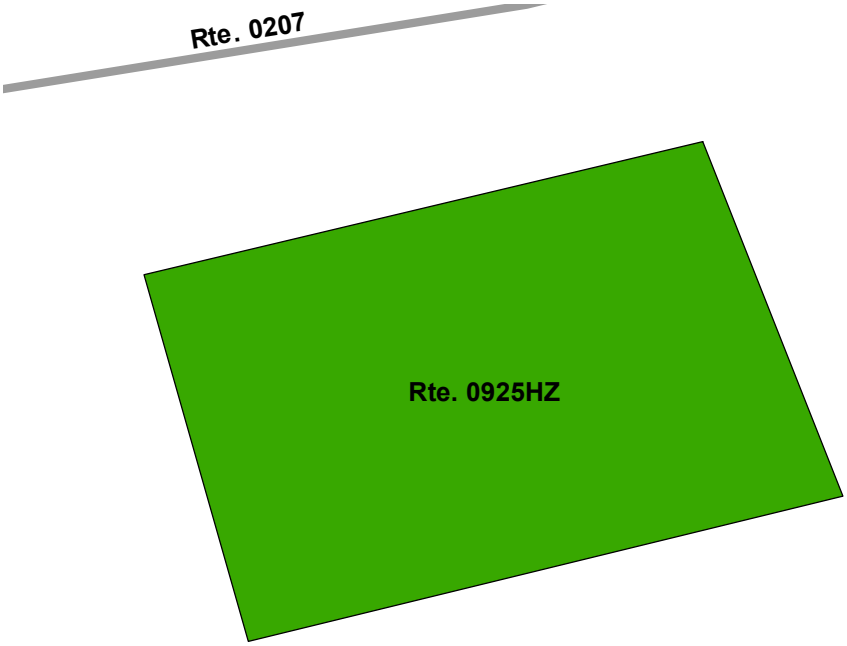
ADJACENT TO ROUTE 0207 (HEADQUARTERS AND VISITOR CENTER ACCESS ROAD) AT MP 0.114 ON RIGHT

Inspection Date	FMSS Number	User Access	Surface Type
3/15/2019	72784	PUBLIC	ASPHALT
Area (Sq. Ft.)	**Lane Miles (11' Widths)**	**Curb Reveal (Inches)**	**Curb Recommendation**
626	0.011	1	DO NOTHING
Curb Type		**Curb & Gutter Type**	
CONCRETE		NO CURB AND GUTTER	
Pavement Recommendation		**Condition Rating / PCR**	
PREVENTIVE MAINTENANCE		GOOD / 90	

Route Condition Legend – Pavement Condition Rating (PCR)

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

See Appendix for definitions and formulas



Gulf Islands National Seashore

ROUTE 0925IZ: HEADQUARTERS & VISITORS CENTER PARKING I

Subcomponent of Route GUIS-0925ZZ
Manual Rating

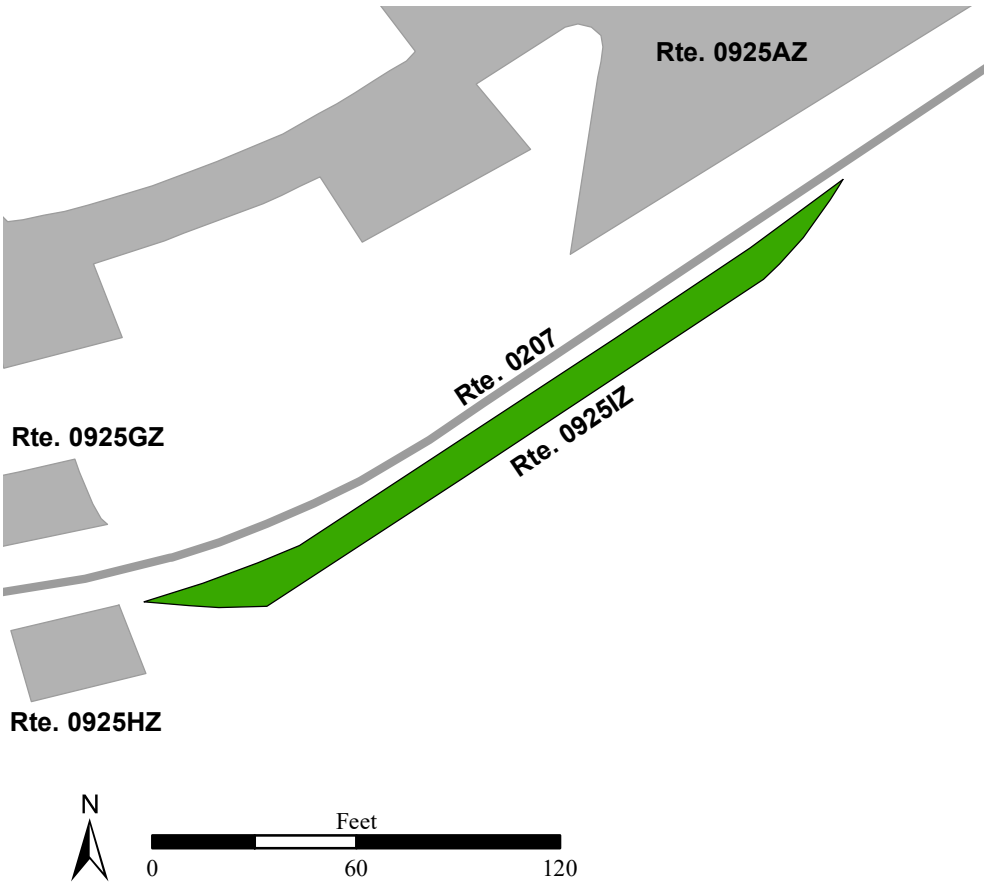
ADJACENT TO ROUTE 0207 (HEADQUARTERS AND VISITOR CENTER ACCESS ROAD) AT MP 0.137 ON RIGHT

Inspection Date	FMSS Number	User Access	Surface Type
3/15/2019	72784	PUBLIC	ASPHALT
Area (Sq. Ft.)	**Lane Miles (11' Widths)**	**Curb Reveal (Inches)**	**Curb Recommendation**
1,848	0.032	NOT APPLICABLE	NOT APPLICABLE
Curb Type		**Curb & Gutter Type**	
NO CURB		NO CURB AND GUTTER	
Pavement Recommendation		**Condition Rating / PCR**	
PREVENTIVE MAINTENANCE		GOOD / 90	

Route Condition Legend – Pavement Condition Rating (PCR)

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

See Appendix for definitions and formulas



Gulf Islands National Seashore

ROUTE 0925JZ: HEADQUARTERS & VISITORS CENTER PARKING J

Subcomponent of Route GUIS-0925ZZ
Manual Rating

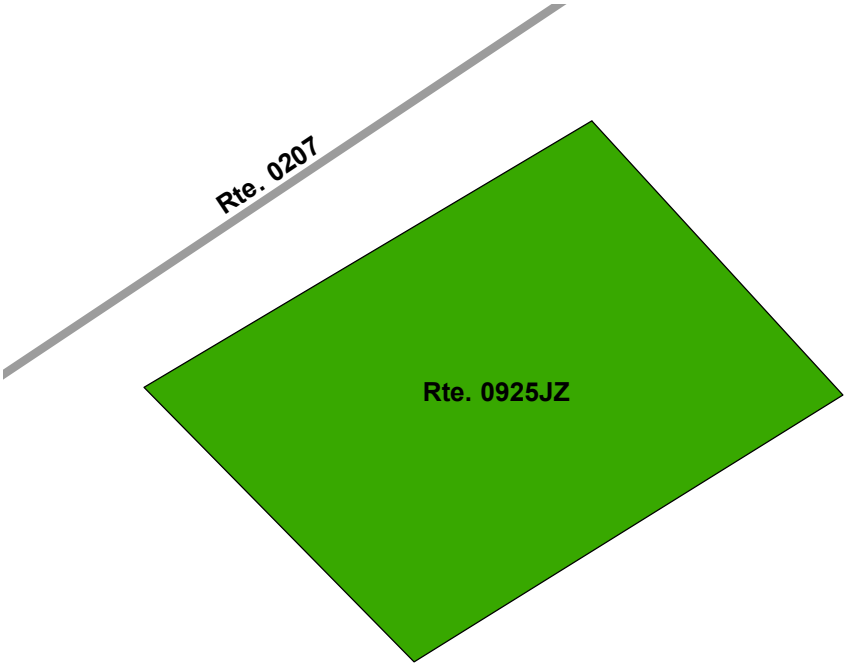
ADJACENT TO ROUTE 0207 (HEADQUARTERS AND VISITOR CENTER ACCESS ROAD) AT MP 0.17 ON RIGHT

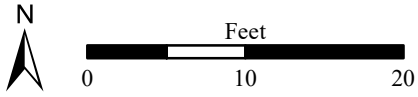
Inspection Date	FMSS Number	User Access	Surface Type
3/15/2019	72784	PUBLIC	ASPHALT
Area (Sq. Ft.)	**Lane Miles (11' Widths)**	**Curb Reveal (Inches)**	**Curb Recommendation**
656	0.011	NOT APPLICABLE	NOT APPLICABLE
Curb Type		**Curb & Gutter Type**	
NO CURB		NO CURB AND GUTTER	
Pavement Recommendation		**Condition Rating / PCR**	
PREVENTIVE MAINTENANCE		GOOD / 90	

Route Condition Legend – Pavement Condition Rating (PCR)

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

See Appendix for definitions and formulas





Gulf Islands National Seashore

ROUTE 0925KZ: HEADQUARTERS & VISITORS CENTER PARKING K

Subcomponent of Route GUIS-0925ZZ
Manual Rating

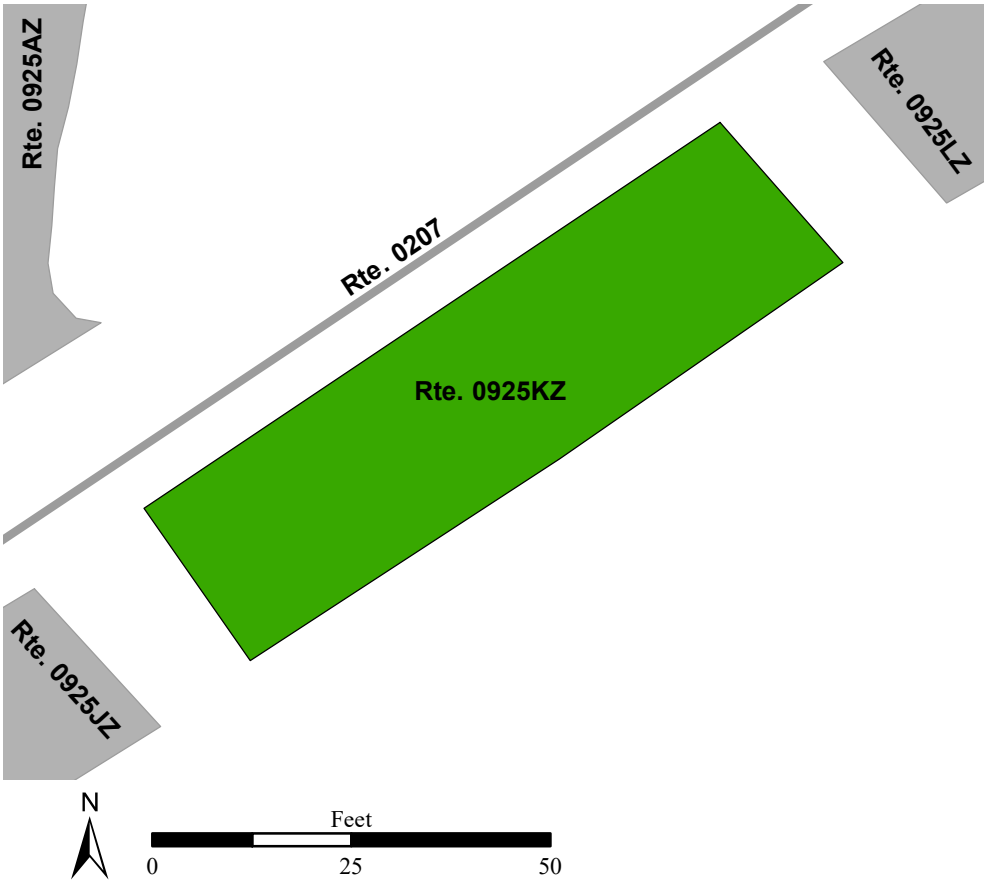
ADJACENT TO ROUTE 0207 (HEADQUARTERS AND VISITOR CENTER ACCESS ROAD) AT MP 0.18 ON RIGHT

Inspection Date	FMSS Number	User Access	Surface Type
3/15/2019	72784	PUBLIC	ASPHALT
Area (Sq. Ft.)	**Lane Miles (11' Widths)**	**Curb Reveal (Inches)**	**Curb Recommendation**
1,804	0.031	NOT APPLICABLE	NOT APPLICABLE
Curb Type		**Curb & Gutter Type**	
NO CURB		NO CURB AND GUTTER	
Pavement Recommendation		**Condition Rating / PCR**	
PREVENTIVE MAINTENANCE		GOOD / 90	

Route Condition Legend – Pavement Condition Rating (PCR)

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

See Appendix for definitions and formulas



Gulf Islands National Seashore

ROUTE 0925LZ: HEADQUARTERS & VISITORS CENTER PARKING L

Subcomponent of Route GUIS-0925ZZ
Manual Rating

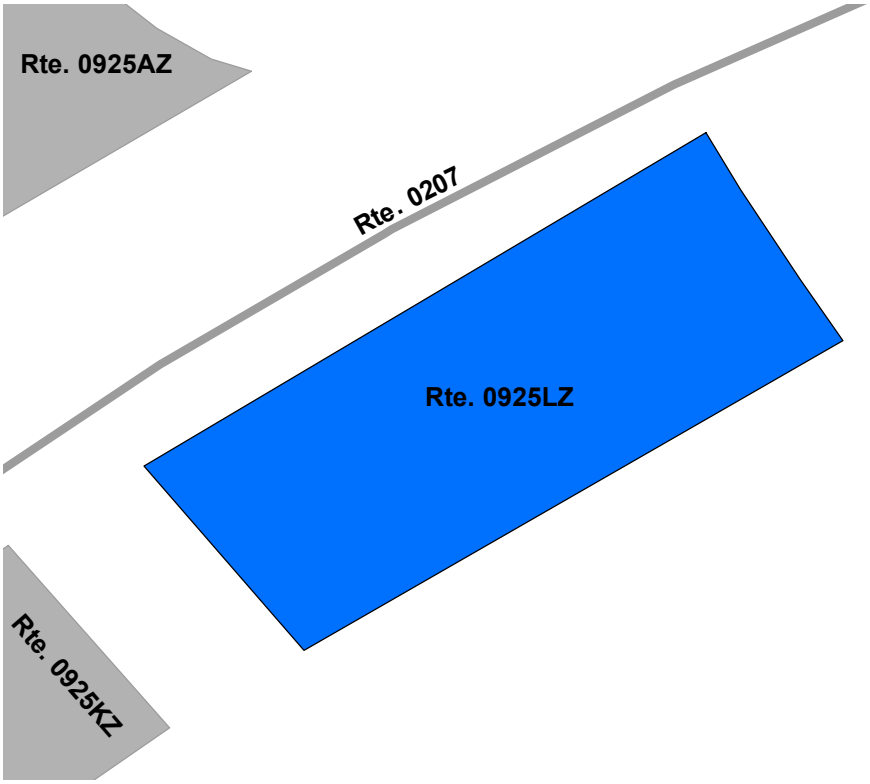
ADJACENT TO ROUTE 0207 (HEADQUARTERS AND VISITOR CENTER ACCESS ROAD) AT MP 0.20 ON RIGHT

Inspection Date	FMSS Number	User Access	Surface Type
3/15/2019	72784	PUBLIC	ASPHALT
Area (Sq. Ft.)	**Lane Miles (11' Widths)**	**Curb Reveal (Inches)**	**Curb Recommendation**
1,244	0.021	NOT APPLICABLE	NOT APPLICABLE
Curb Type		**Curb & Gutter Type**	
NO CURB		NO CURB AND GUTTER	
Pavement Recommendation		**Condition Rating / PCR**	
DO NOTHING		EXCELLENT / 97	

Route Condition Legend – Pavement Condition Rating (PCR)

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

See Appendix for definitions and formulas



Gulf Islands National Seashore

ROUTE 0925MZ: HEADQUARTERS & VISITORS CENTER PARKING M

Subcomponent of Route GUIS-0925ZZ
Manual Rating

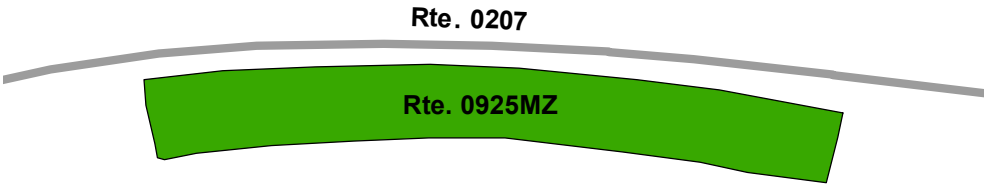
ADJACENT TO ROUTE 0207 (HEADQUARTERS AND VISITOR CENTER ACCESS ROAD) AT MP 0.25 ON RIGHT

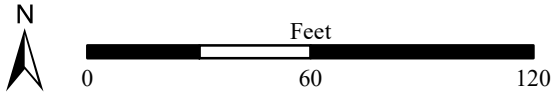
Inspection Date	FMSS Number	User Access	Surface Type
3/15/2019	72784	PUBLIC	ASPHALT
Area (Sq. Ft.)	**Lane Miles (11' Widths)**	**Curb Reveal (Inches)**	**Curb Recommendation**
3,209	0.055	NOT APPLICABLE	NOT APPLICABLE
Curb Type		**Curb & Gutter Type**	
NO CURB		NO CURB AND GUTTER	
Pavement Recommendation		**Condition Rating / PCR**	
PREVENTIVE MAINTENANCE		GOOD / 90	

Route Condition Legend – Pavement Condition Rating (PCR)

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

See Appendix for definitions and formulas





Gulf Islands National Seashore

ROUTE 0926: PUBLIC PARKING #8

Manual Rating

FROM ROUTE 0011 (J. EARLE BOWDEN WAY / STATE HIGHWAY 399) AT MP 1.84 ON RIGHT

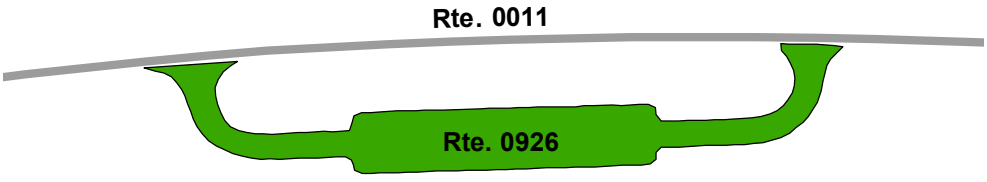
TO ROUTE 0011 (J. EARLE BOWDEN WAY / STATE HIGHWAY 399) AT MP 1.96 ON RIGHT

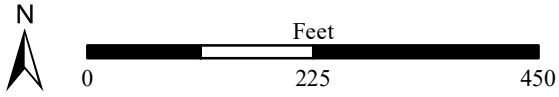
Inspection Date	FMSS Number	User Access	Surface Type
3/15/2019	72786	PUBLIC	ASPHALT
Area (Sq. Ft.)	**Lane Miles (11' Widths)**	**Curb Reveal (Inches)**	**Curb Recommendation**
26,387	0.454	NOT APPLICABLE	NOT APPLICABLE
Curb Type		**Curb & Gutter Type**	
NO CURB		NO CURB AND GUTTER	
Pavement Recommendation		**Condition Rating / PCR**	
PREVENTIVE MAINTENANCE		GOOD / 90	

Route Condition Legend – Pavement Condition Rating (PCR)

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

See Appendix for definitions and formulas





Gulf Islands National Seashore

ROUTE 0927: PUBLIC PARKING #7

Manual Rating

FROM ROUTE 0011 (J. EARLE BOWDEN WAY / STATE HIGHWAY 399) AT MP 2.63 ON RIGHT

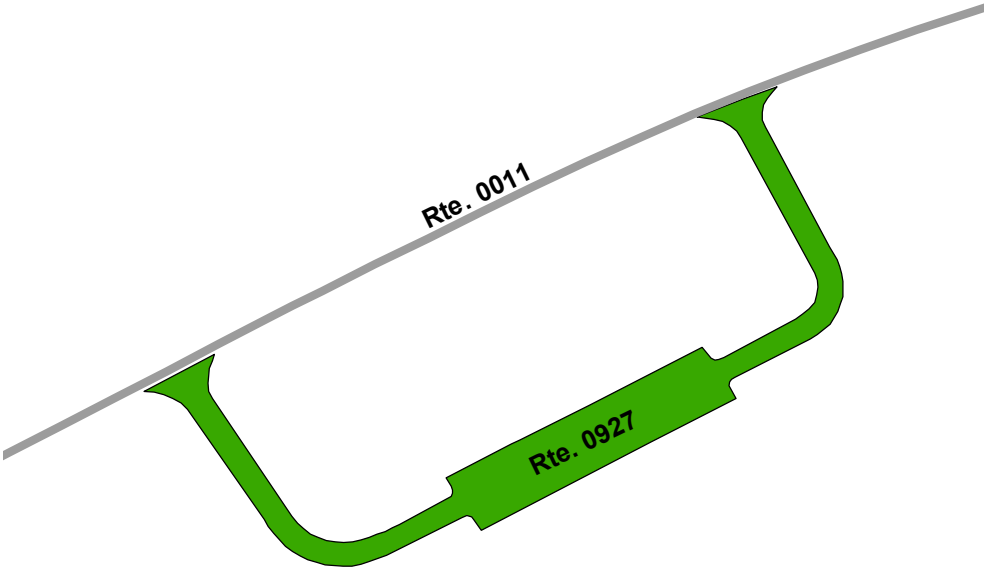
TO ROUTE 0011 (J. EARLE BOWDEN WAY / STATE HIGHWAY 399) AT MP 2.74 ON RIGHT

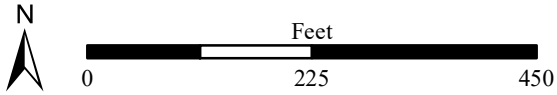
Inspection Date	FMSS Number	User Access	Surface Type
3/15/2019	72787	PUBLIC	ASPHALT
Area (Sq. Ft.)	**Lane Miles (11' Widths)**	**Curb Reveal (Inches)**	**Curb Recommendation**
32,452	0.559	NOT APPLICABLE	NOT APPLICABLE
Curb Type		**Curb & Gutter Type**	
NO CURB		NO CURB AND GUTTER	
Pavement Recommendation		**Condition Rating / PCR**	
PREVENTIVE MAINTENANCE		GOOD / 90	

Route Condition Legend – Pavement Condition Rating (PCR)

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

See Appendix for definitions and formulas





Gulf Islands National Seashore

ROUTE 0928: OPAL BEACH PARKING #5

Manual Rating

FROM END OF ROUTE 0212 (OPAL BEACH ROAD)

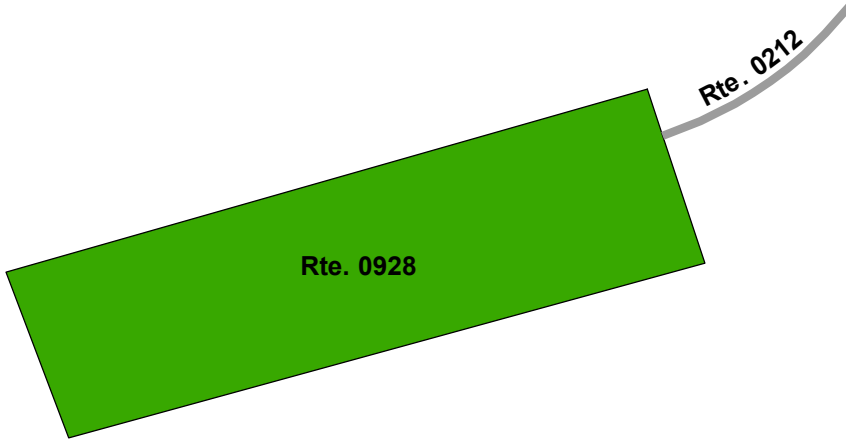
TO PARKING

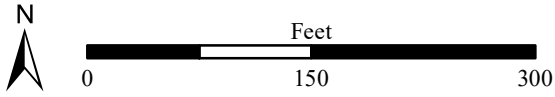
Inspection Date	FMSS Number	User Access	Surface Type
3/15/2019	72789	PUBLIC	ASPHALT
Area (Sq. Ft.)	**Lane Miles (11' Widths)**	**Curb Reveal (Inches)**	**Curb Recommendation**
46,217	0.796	NOT APPLICABLE	NOT APPLICABLE
Curb Type		**Curb & Gutter Type**	
NO CURB		NO CURB AND GUTTER	
Pavement Recommendation		**Condition Rating / PCR**	
PREVENTIVE MAINTENANCE		GOOD / 90	

Route Condition Legend – Pavement Condition Rating (PCR)

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

See Appendix for definitions and formulas





Gulf Islands National Seashore

ROUTE 0929: PUBLIC PARKING #6

Manual Rating

FROM ROUTE 0011 (J. EARLE BOWDEN WAY / STATE HIGHWAY 399) AT MP 4.19 ON RIGHT

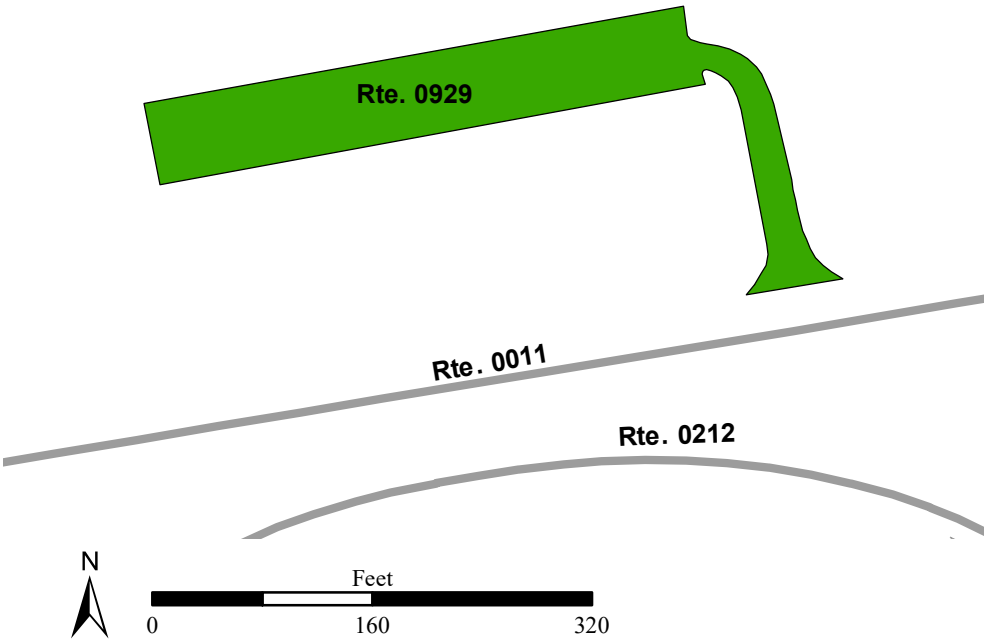
TO PARKING

Inspection Date	FMSS Number	User Access	Surface Type
3/15/2019	72791	PUBLIC	ASPHALT
Area (Sq. Ft.)	**Lane Miles (11' Widths)**	**Curb Reveal (Inches)**	**Curb Recommendation**
25,224	0.434	NOT APPLICABLE	NOT APPLICABLE
Curb Type		**Curb & Gutter Type**	
NO CURB		NO CURB AND GUTTER	
Pavement Recommendation		**Condition Rating / PCR**	
PREVENTIVE MAINTENANCE		GOOD / 90	

Route Condition Legend – Pavement Condition Rating (PCR)

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

See Appendix for definitions and formulas



Gulf Islands National Seashore

ROUTE 0930: OPAL BEACH PARKING #2 EAST

Manual Rating

FROM ROUTE 0212 (OPAL BEACH ROAD) AT MP 0.05 ON LEFT

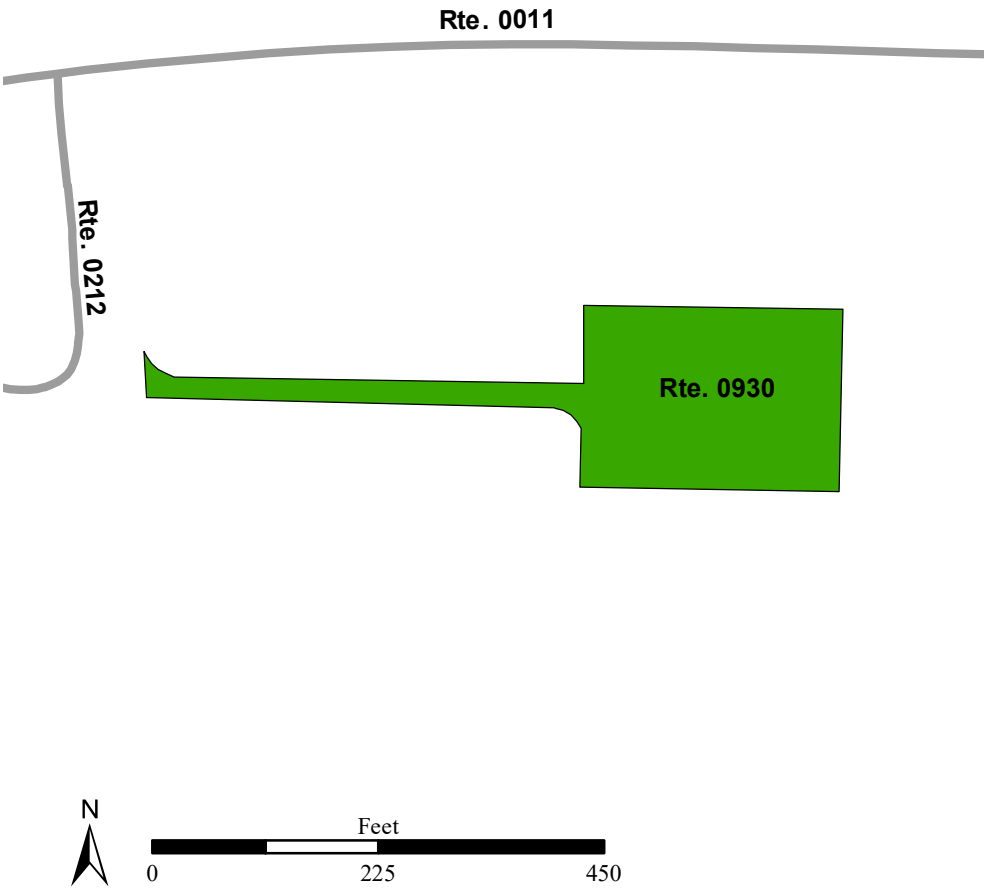
TO PARKING

Inspection Date	FMSS Number	User Access	Surface Type
3/15/2019	72793	PUBLIC	ASPHALT
Area (Sq. Ft.)	**Lane Miles (11' Widths)**	**Curb Reveal (Inches)**	**Curb Recommendation**
49,284	0.849	NOT APPLICABLE	NOT APPLICABLE
Curb Type		**Curb & Gutter Type**	
NO CURB		NO CURB AND GUTTER	
Pavement Recommendation		**Condition Rating / PCR**	
PREVENTIVE MAINTENANCE		GOOD / 90	

Route Condition Legend – Pavement Condition Rating (PCR)

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

See Appendix for definitions and formulas



Gulf Islands National Seashore

ROUTE 0931: PUBLIC PARKING #1

Manual Rating

FROM ROUTE 0011 (J. EARLE BOWDEN WAY / STATE HIGHWAY 399) AT MP 5.95 ON RIGHT

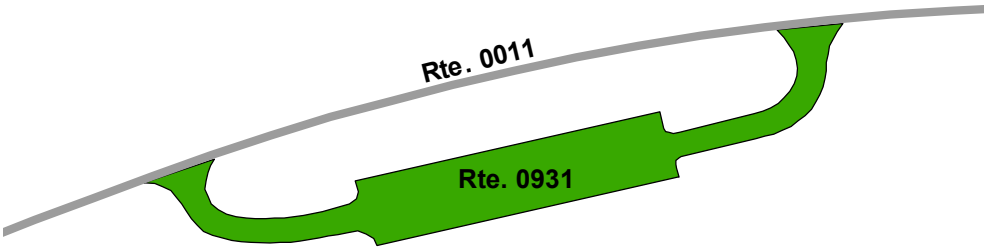
TO ROUTE 0011 (J. EARLE BOWDEN WAY / STATE HIGHWAY 399) AT MP 6.05 ON RIGHT

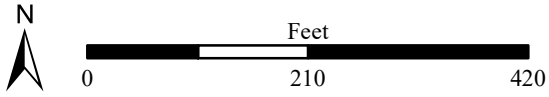
Inspection Date	FMSS Number	User Access	Surface Type
3/15/2019	72795	PUBLIC	ASPHALT
Area (Sq. Ft.)	**Lane Miles (11' Widths)**	**Curb Reveal (Inches)**	**Curb Recommendation**
26,214	0.451	NOT APPLICABLE	NOT APPLICABLE
Curb Type		**Curb & Gutter Type**	
NO CURB		NO CURB AND GUTTER	
Pavement Recommendation		**Condition Rating / PCR**	
PREVENTIVE MAINTENANCE		GOOD / 90	

Route Condition Legend – Pavement Condition Rating (PCR)

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

See Appendix for definitions and formulas





Gulf Islands National Seashore

ROUTE 0932: OKALOOSA PARKING

Manual Rating

FROM U.S. HIGHWAY 98 (MIRACLE STRIP PARKWAY)

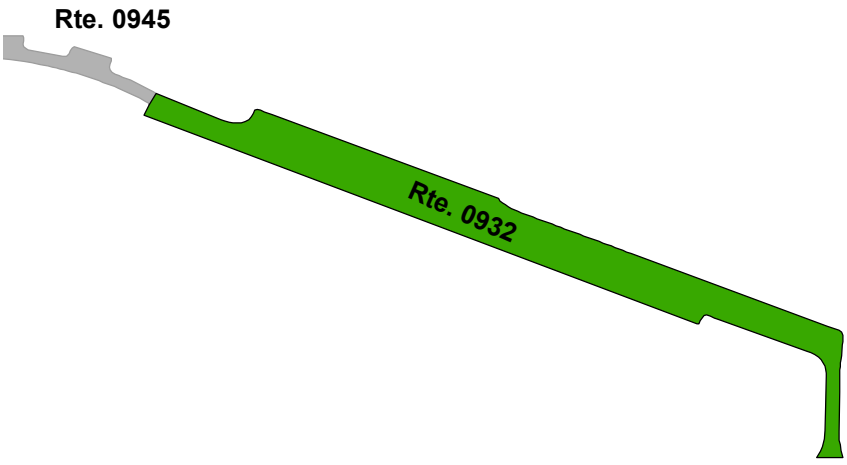
TO ROUTE 0945 (OKALOOSA PICNIC AREA PARKING)

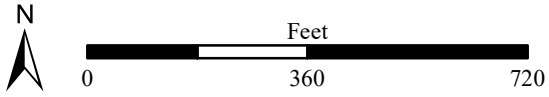
Inspection Date	FMSS Number	User Access	Surface Type
3/15/2019	72796	PUBLIC	ASPHALT
Area (Sq. Ft.)	**Lane Miles (11' Widths)**	**Curb Reveal (Inches)**	**Curb Recommendation**
70,073	1.206	NOT APPLICABLE	NOT APPLICABLE
Curb Type		**Curb & Gutter Type**	
NO CURB		NO CURB AND GUTTER	
Pavement Recommendation		**Condition Rating / PCR**	
PREVENTIVE MAINTENANCE		GOOD / 90	

Route Condition Legend – Pavement Condition Rating (PCR)

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

See Appendix for definitions and formulas





Gulf Islands National Seashore

ROUTE 0933: BATTERY LANGDON PARKING

Manual Rating

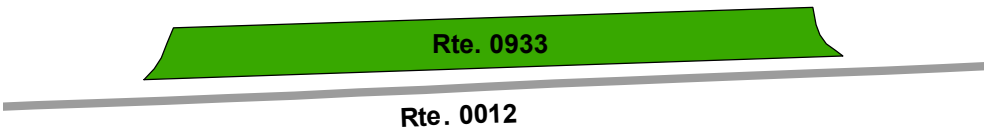
ADJACENT TO ROUTE 0012 (FORT PICKENS ROAD) AT MP 5 ON RIGHT

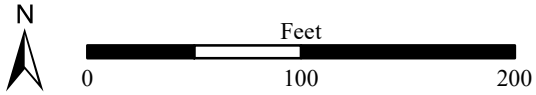
Inspection Date	FMSS Number	User Access	Surface Type
3/15/2019	102988	PUBLIC	ASPHALT
Area (Sq. Ft.)	**Lane Miles (11' Widths)**	**Curb Reveal (Inches)**	**Curb Recommendation**
6,246	0.108	NOT APPLICABLE	NOT APPLICABLE
Curb Type		**Curb & Gutter Type**	
NO CURB		NO CURB AND GUTTER	
Pavement Recommendation		**Condition Rating / PCR**	
PREVENTIVE MAINTENANCE		GOOD / 90	

Route Condition Legend – Pavement Condition Rating (PCR)

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

See Appendix for definitions and formulas





Gulf Islands National Seashore

ROUTE 0934: OPAL BEACH COMPLEX PARKING

Manual Rating

FROM ROUTE 0212 (OPAL BEACH ROAD) AT MP 0.08 ON RIGHT

TO PARKING

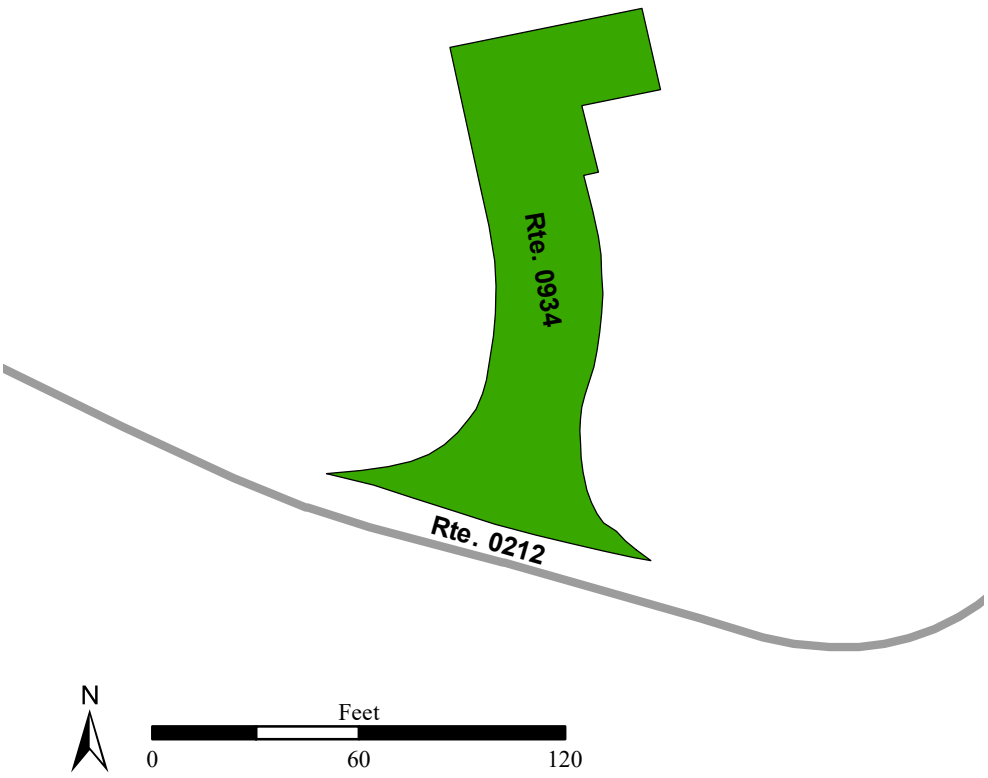
Inspection Date	FMSS Number	User Access	Surface Type
3/15/2019	102993	NONPUBLIC	ASPHALT
Area (Sq. Ft.)	**Lane Miles (11' Widths)**	**Curb Reveal (Inches)**	**Curb Recommendation**
4,985	0.086	NOT APPLICABLE	NOT APPLICABLE
Curb Type		**Curb & Gutter Type**	
NO CURB		NO CURB AND GUTTER	
Pavement Recommendation		**Condition Rating / PCR**	
PREVENTIVE MAINTENANCE		GOOD / 90	

Route Condition Legend – Pavement Condition Rating (PCR)

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

See Appendix for definitions and formulas

Note: Parking Area Consists of Multiple Surface Types: 1 Part Asphalt At 3,223 Square Feet; 1 Part Concrete At 1,762 Square Feet.



Gulf Islands National Seashore

ROUTE 0935: NATURE TRAIL PARKING

Manual Rating

FROM END OF ROUTE 0200 (NATURE TRAIL ACCESS ROAD)

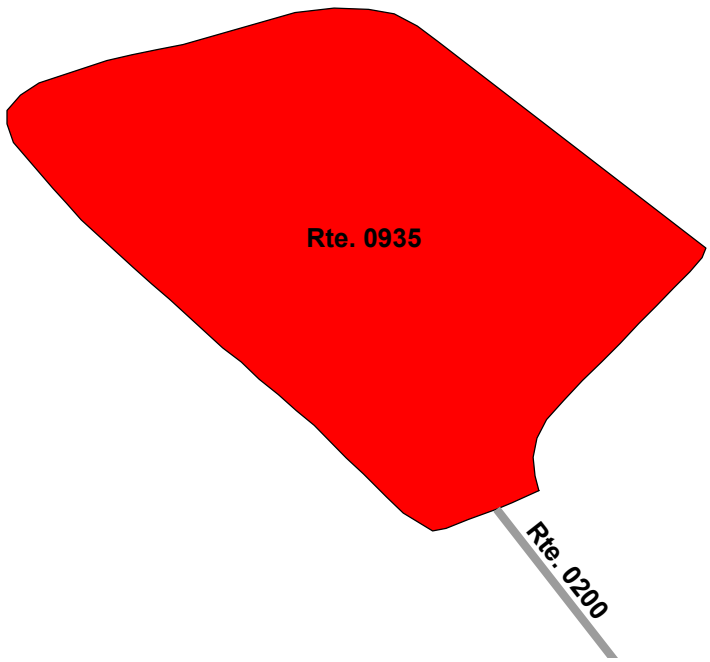
TO PARKING

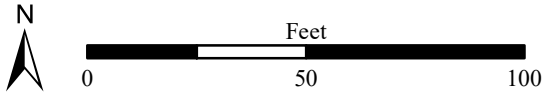
Inspection Date	FMSS Number	User Access	Surface Type
3/14/2019	59589	PUBLIC	ASPHALT
Area (Sq. Ft.)	**Lane Miles (11' Widths)**	**Curb Reveal (Inches)**	**Curb Recommendation**
9,077	0.156	NOT APPLICABLE	NOT APPLICABLE
Curb Type		**Curb & Gutter Type**	
NO CURB		NO CURB AND GUTTER	
Pavement Recommendation		**Condition Rating / PCR**	
HEAVY 3R TREATMENTS		POOR / 53	

Route Condition Legend – Pavement Condition Rating (PCR)

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

See Appendix for definitions and formulas





Gulf Islands National Seashore

ROUTE 0937: OKALOOSA BOAT LAUNCH PARKING

Manual Rating

FROM ROUTE 0945 (OKALOOSA PICNIC AREA PARKING)

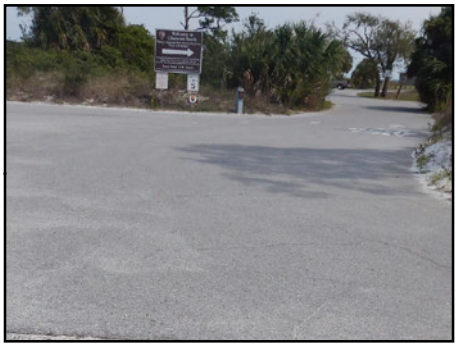
TO ROUTE 0211 (OKALOOSA WEST ACCESS ROAD)

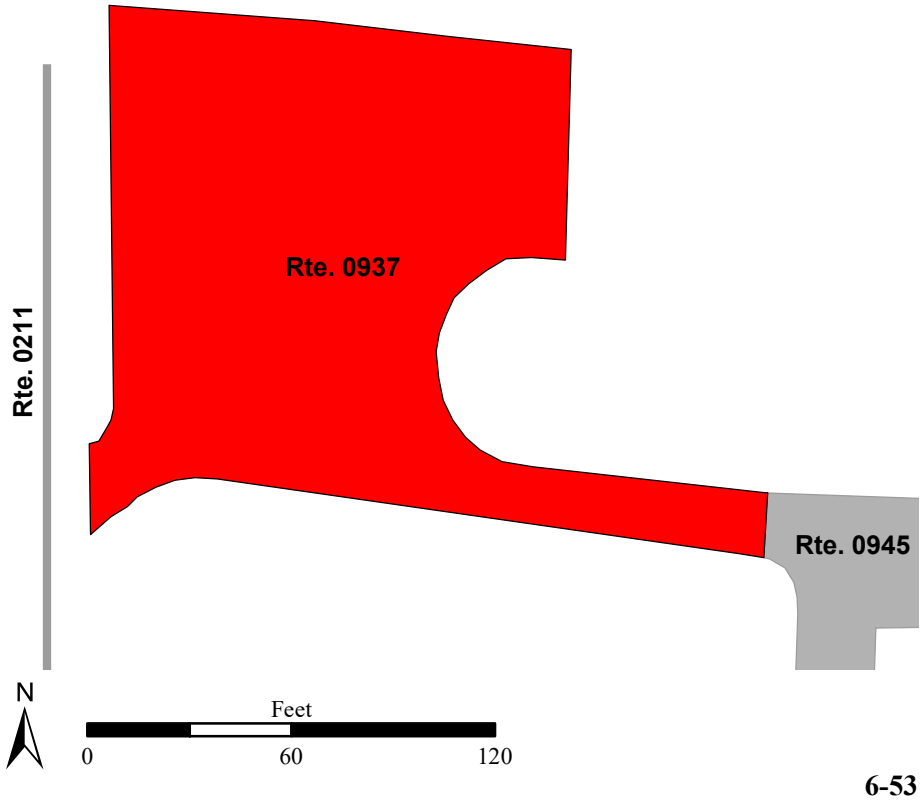
Inspection Date	FMSS Number	User Access	Surface Type
3/15/2019	113842	PUBLIC	ASPHALT
Area (Sq. Ft.)	**Lane Miles (11' Widths)**	**Curb Reveal (Inches)**	**Curb Recommendation**
16,380	0.282	NOT APPLICABLE	NOT APPLICABLE
Curb Type		**Curb & Gutter Type**	
NO CURB		NO CURB AND GUTTER	
Pavement Recommendation		**Condition Rating / PCR**	
HEAVY 3R TREATMENTS		POOR / 53	

Route Condition Legend – Pavement Condition Rating (PCR)

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

See Appendix for definitions and formulas





Gulf Islands National Seashore

ROUTE 0938: FORT BARRANCAS PARKING

Manual Rating

FROM TAYLOR ROAD

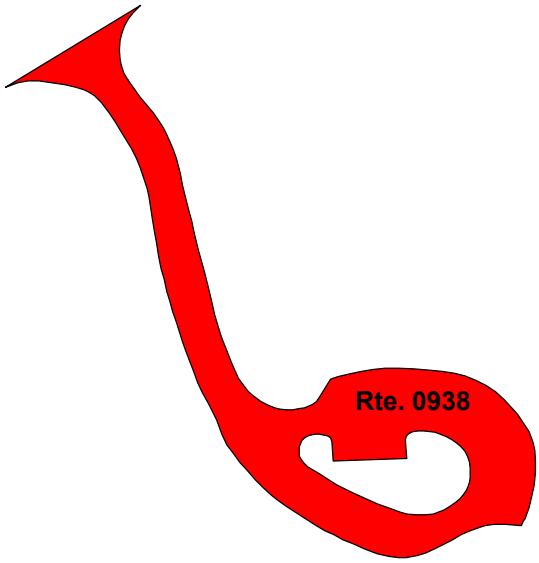
TO PARKING

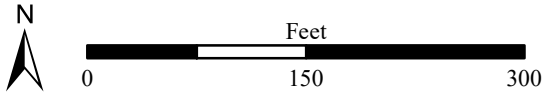
Inspection Date	FMSS Number	User Access	Surface Type
3/14/2019	59057	PUBLIC	ASPHALT
Area (Sq. Ft.)	**Lane Miles (11' Widths)**	**Curb Reveal (Inches)**	**Curb Recommendation**
20,673	0.356	NOT APPLICABLE	LIGHT REPAIR
Curb Type		**Curb & Gutter Type**	
NO CURB		CONCRETE	
Pavement Recommendation		**Condition Rating / PCR**	
HEAVY 3R TREATMENTS		POOR / 53	

Route Condition Legend – Pavement Condition Rating (PCR)

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

See Appendix for definitions and formulas





Gulf Islands National Seashore

ROUTE 0941: ADVANCE REDOUBT PARKING

Manual Rating

FROM TAYLOR ROAD

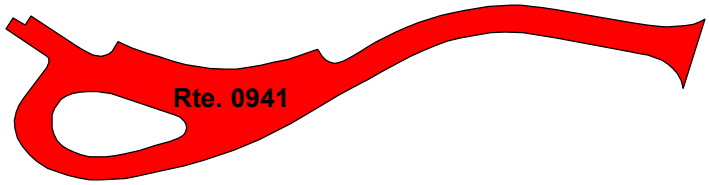
TO PARKING

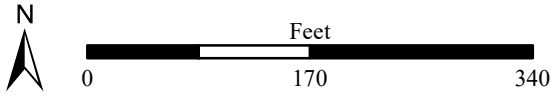
Inspection Date	FMSS Number	User Access	Surface Type
3/14/2019	108369	PUBLIC	ASPHALT
Area (Sq. Ft.)	**Lane Miles (11' Widths)**	**Curb Reveal (Inches)**	**Curb Recommendation**
18,059	0.311	NOT APPLICABLE	MODERATE REPAIR
Curb Type		**Curb & Gutter Type**	
NO CURB		CONCRETE	
Pavement Recommendation		**Condition Rating / PCR**	
HEAVY 3R TREATMENTS		POOR / 53	

Route Condition Legend – Pavement Condition Rating (PCR)

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

See Appendix for definitions and formulas





Gulf Islands National Seashore

ROUTE 0945: OKALOOSA PICNIC AREA PARKING

Manual Rating

FROM ROUTE 0932 (OKALOOSA PARKING)

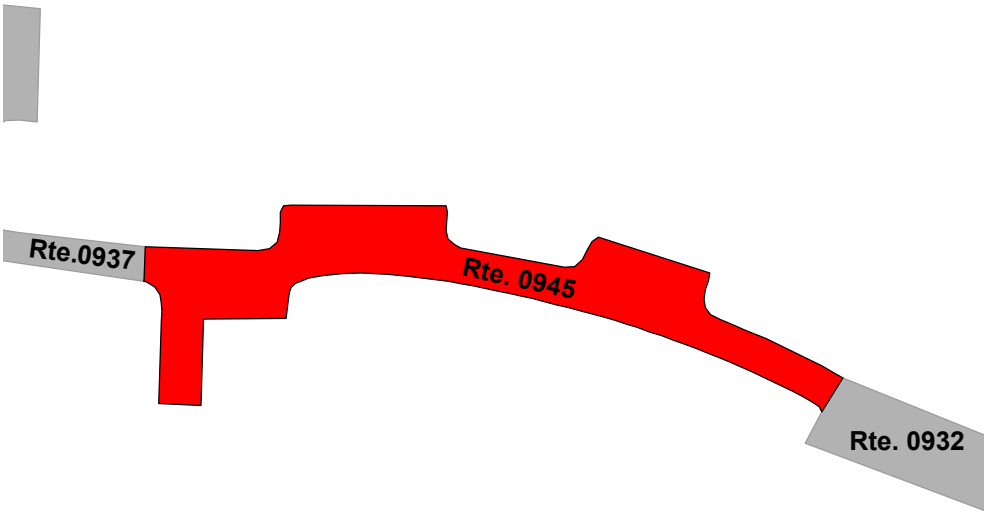
TO ROUTE 0937 (OKALOOSA BOAT LAUNCH PARKING)

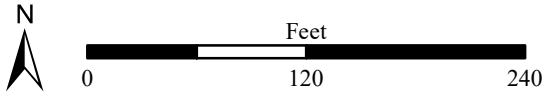
Inspection Date	FMSS Number	User Access	Surface Type
3/15/2019	113843	PUBLIC	ASPHALT
Area (Sq. Ft.)	**Lane Miles (11' Widths)**	**Curb Reveal (Inches)**	**Curb Recommendation**
11,553	0.199	NOT APPLICABLE	NOT APPLICABLE
Curb Type		**Curb & Gutter Type**	
NO CURB		NO CURB AND GUTTER	
Pavement Recommendation		**Condition Rating / PCR**	
HEAVY 3R TREATMENTS		POOR / 53	

Route Condition Legend – Pavement Condition Rating (PCR)

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

See Appendix for definitions and formulas





Gulf Islands National Seashore

ROUTE 0954: OPAL BEACH PARKING #4 WEST

Manual Rating

FROM ROUTE 0212 (OPAL BEACH ROAD) AT MP 0.24 ON LEFT

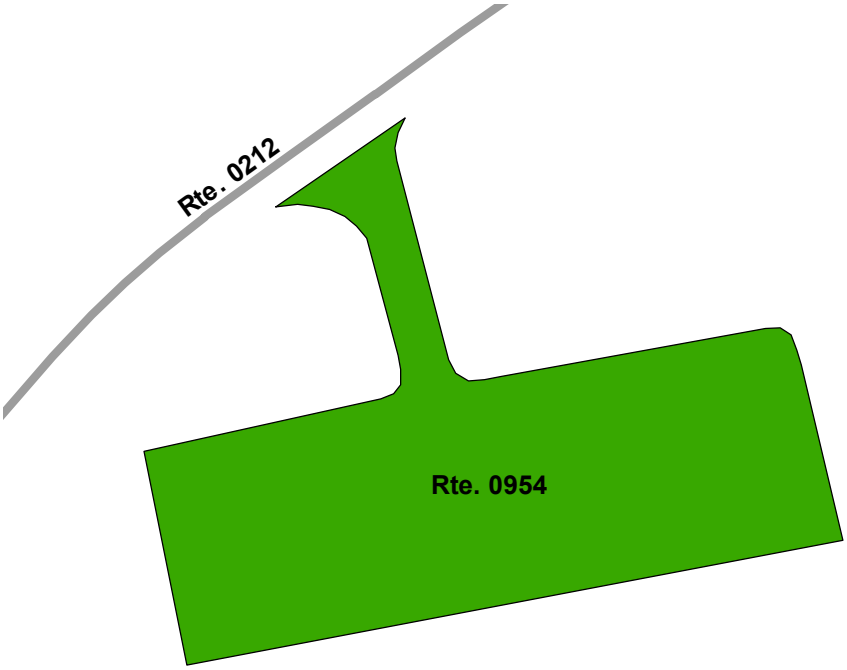
TO PARKING

Inspection Date	FMSS Number	User Access	Surface Type
3/15/2019	116835	PUBLIC	ASPHALT
Area (Sq. Ft.)	**Lane Miles (11' Widths)**	**Curb Reveal (Inches)**	**Curb Recommendation**
42,583	0.733	NOT APPLICABLE	NOT APPLICABLE
Curb Type		**Curb & Gutter Type**	
NO CURB		NO CURB AND GUTTER	
Pavement Recommendation		**Condition Rating / PCR**	
PREVENTIVE MAINTENANCE		GOOD / 90	

Route Condition Legend – Pavement Condition Rating (PCR)

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

See Appendix for definitions and formulas



Gulf Islands National Seashore

ROUTE 0955: OPAL BEACH PARKING #3 EAST

Manual Rating

FROM ROUTE 0212 (OPAL BEACH ROAD) AT MP 0.1 ON LEFT

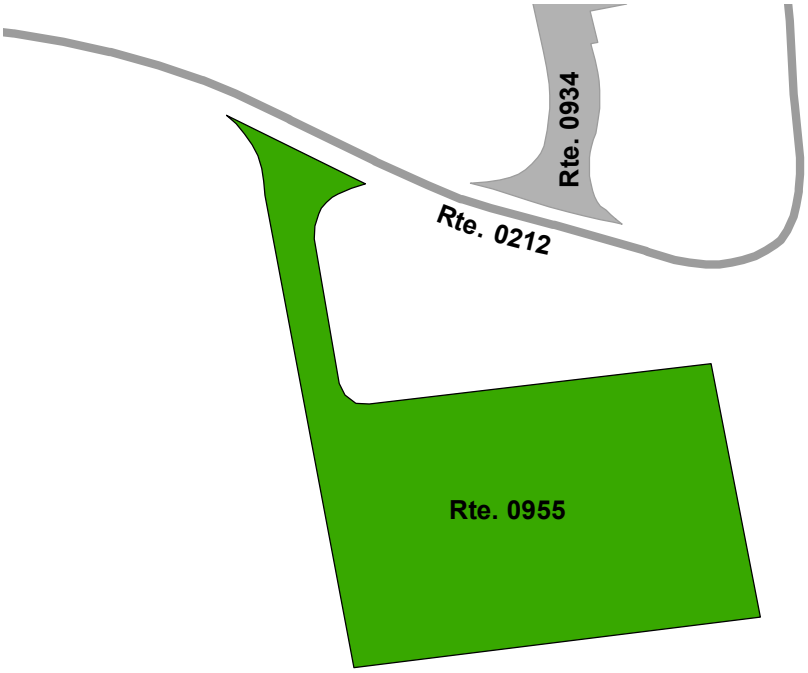
TO PARKING

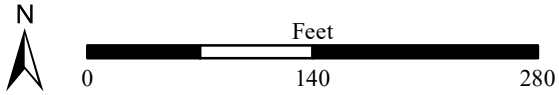
Inspection Date	FMSS Number	User Access	Surface Type
3/15/2019	59515	PUBLIC	ASPHALT
Area (Sq. Ft.)	**Lane Miles (11' Widths)**	**Curb Reveal (Inches)**	**Curb Recommendation**
39,595	0.682	NOT APPLICABLE	NOT APPLICABLE
Curb Type		**Curb & Gutter Type**	
NO CURB		NO CURB AND GUTTER	
Pavement Recommendation		**Condition Rating / PCR**	
PREVENTIVE MAINTENANCE		GOOD / 90	

Route Condition Legend – Pavement Condition Rating (PCR)

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

See Appendix for definitions and formulas





Gulf Islands National Seashore

ROUTE 0957ZZ: YATES HOUSE COMPOUND RV PARKING AREAS

Summary Route
Manual Rating

FROM ROUTE 0410 (YATES HOUSE COMPOUND ROAD) ON LEFT

TO PARKING

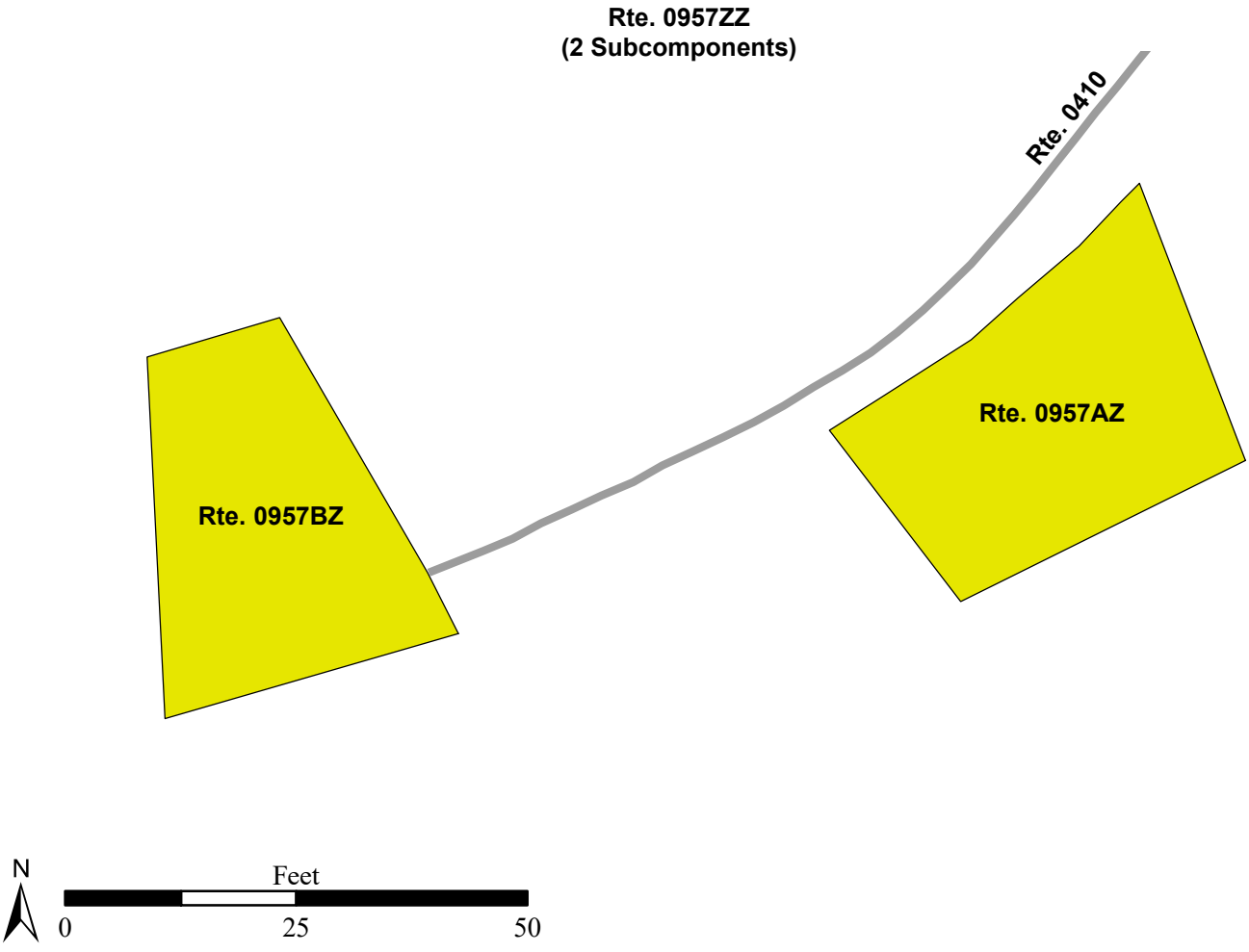
Inspection Date	FMSS Number	User Access	Surface Type
3/16/2019	N/A	NONPUBLIC	ASPHALT
Area (Sq. Ft.)	**Lane Miles (11' Widths)**	**Condition Rating / PCR**	
1,661	0.029	SUMMARY / 63	

Route Condition Legend – Pavement Condition Rating (PCR)

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

See Appendix for definitions and formulas

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



Gulf Islands National Seashore

ROUTE 0957AZ: YATES HOUSE COMPOUND RV PARKING 1

Subcomponent of Route GUIS-0957ZZ
Manual Rating

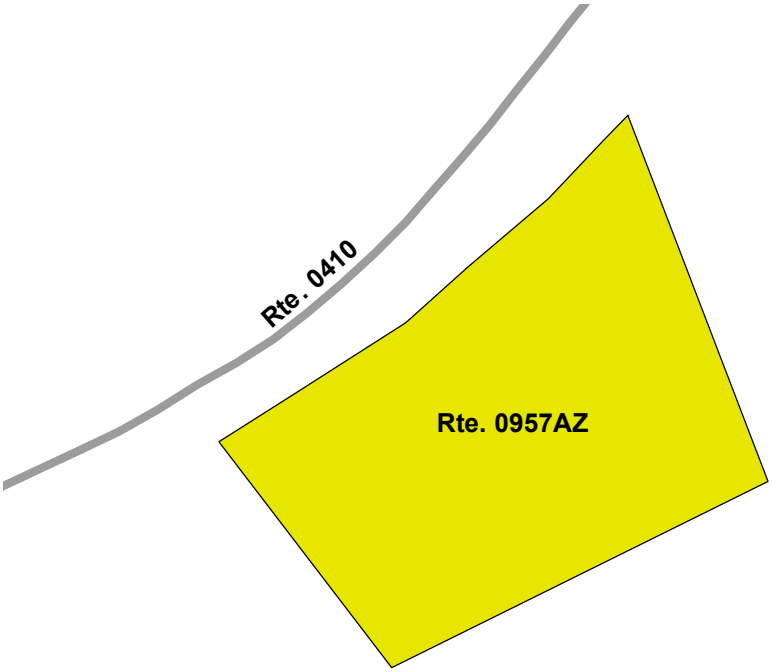
ADJACENT TO ROUTE 0410 (YATES HOUSE COMPOUND ROAD) AT MP 0.07 ON LEFT

Inspection Date	FMSS Number	User Access	Surface Type
3/16/2019	N/A	NONPUBLIC	ASPHALT
Area (Sq. Ft.)	**Lane Miles (11' Widths)**	**Curb Reveal (Inches)**	**Curb Recommendation**
865	0.015	NOT APPLICABLE	NOT APPLICABLE
Curb Type		**Curb & Gutter Type**	
NO CURB		NO CURB AND GUTTER	
Pavement Recommendation		**Condition Rating / PCR**	
LIGHT 3R TREATMENTS		FAIR / 73	

Route Condition Legend – Pavement Condition Rating (PCR)

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

See Appendix for definitions and formulas



Gulf Islands National Seashore

ROUTE 0957BZ: YATES HOUSE COMPOUND RV PARKING 2

Subcomponent of Route GUIS-0957ZZ
Manual Rating

FROM END OF ROUTE 0410 (YATES HOUSE COMPOUND ROAD)

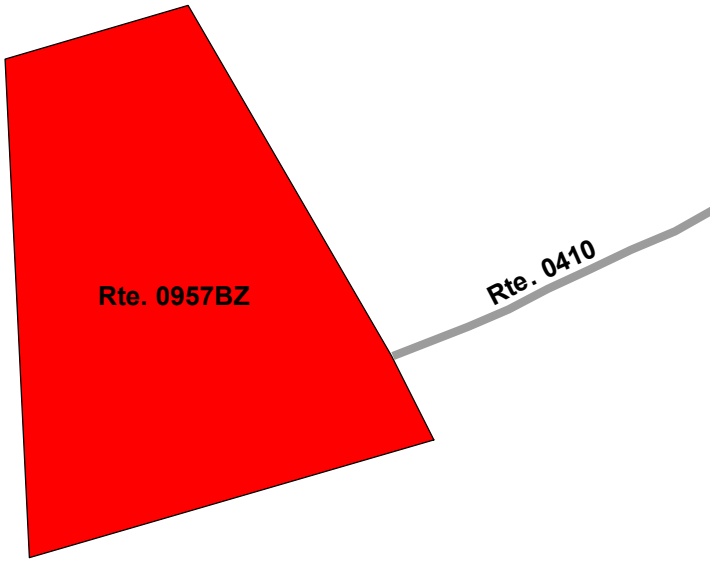
TO PARKING

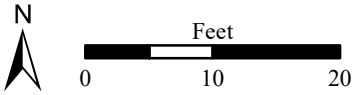
Inspection Date	FMSS Number	User Access	Surface Type
3/16/2019	N/A	NONPUBLIC	ASPHALT
Area (Sq. Ft.)	**Lane Miles (11' Widths)**	**Curb Reveal (Inches)**	**Curb Recommendation**
796	0.014	NOT APPLICABLE	NOT APPLICABLE
Curb Type		**Curb & Gutter Type**	
NO CURB		NO CURB AND GUTTER	
Pavement Recommendation		**Condition Rating / PCR**	
HEAVY 3R TREATMENTS		POOR / 53	

Route Condition Legend – Pavement Condition Rating (PCR)

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

See Appendix for definitions and formulas





Gulf Islands National Seashore

ROUTE 0958ZZ: ENTRANCE STATION PARKING AREAS

Summary Route
Manual Rating

ADJACENT TO ROUTE 0012 (FORT PICKENS ROAD) ON RIGHT AND LEFT

Inspection Date	FMSS Number	User Access	Surface Type
3/15/2019	N/A	PUBLIC	ASPHALT
Area (Sq. Ft.)	**Lane Miles (11' Widths)**	**Condition Rating / PCR**	
2,812	0.049	SUMMARY /	97

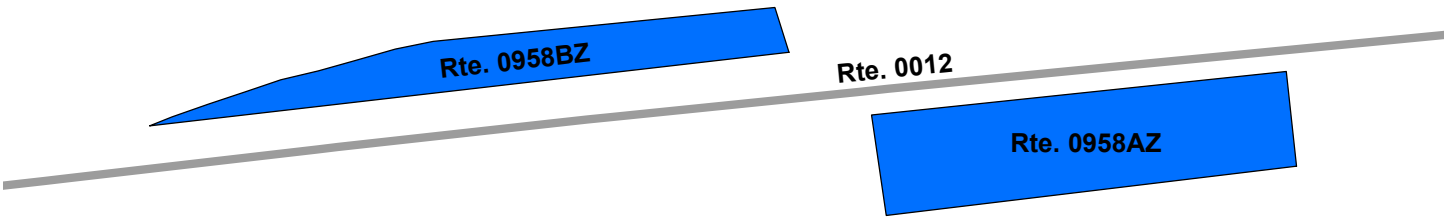
Route Condition Legend – Pavement Condition Rating (PCR)

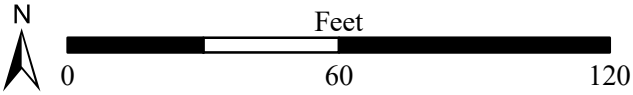
Poor (0 - 60)	Fair (61- 84)	Good (85 - 94)	Excellent (95 - 100)	Not Rated

See Appendix for definitions and formulas

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

Rte. 0958ZZ
(2 Subcomponents)





Gulf Islands National Seashore

ROUTE 0958AZ: ENTRANCE STATION PARKING

Subcomponent of Route GUIS-0958ZZ
Manual Rating

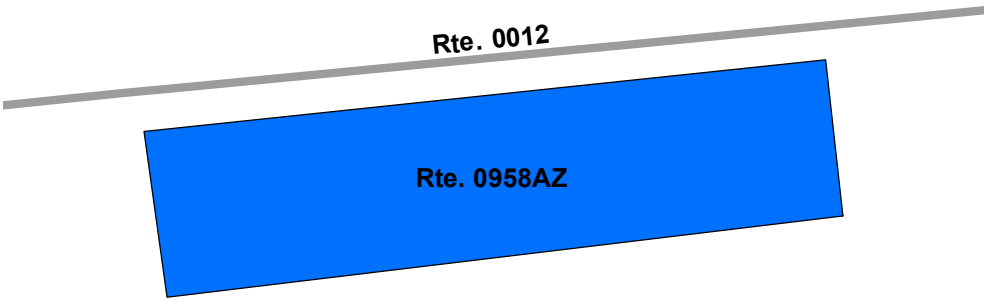
ADJACENT TO ROUTE 0012 (FORT PICKENS ROAD) AT MP 0.85 ON LEFT

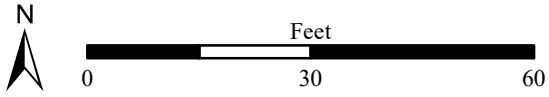
Inspection Date	FMSS Number	User Access	Surface Type
3/15/2019	N/A	PUBLIC	ASPHALT
Area (Sq. Ft.)	**Lane Miles (11' Widths)**	**Curb Reveal (Inches)**	**Curb Recommendation**
1,727	0.03	NOT APPLICABLE	DO NOTHING
Curb Type		**Curb & Gutter Type**	
NO CURB		CONCRETE	
Pavement Recommendation		**Condition Rating / PCR**	
DO NOTHING		EXCELLENT / 97	

Route Condition Legend – Pavement Condition Rating (PCR)

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

See Appendix for definitions and formulas





Gulf Islands National Seashore

ROUTE 0958BZ: BUS ENTRANCE STATION PARKING

Subcomponent of Route GUIS-0958ZZ
Manual Rating

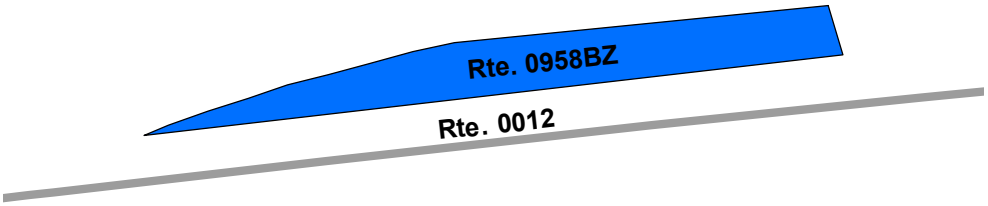
ADJACENT TO ROUTE 0012 (FORT PICKENS ROAD) AT MP 0.87 ON RIGHT

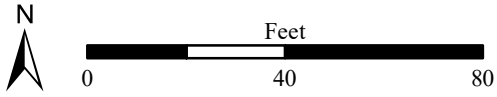
Inspection Date	FMSS Number	User Access	Surface Type
3/15/2019	N/A	PUBLIC	ASPHALT
Area (Sq. Ft.)	**Lane Miles (11' Widths)**	**Curb Reveal (Inches)**	**Curb Recommendation**
1,085	0.019	NOT APPLICABLE	NOT APPLICABLE
Curb Type		**Curb & Gutter Type**	
NO CURB		NO CURB AND GUTTER	
Pavement Recommendation		**Condition Rating / PCR**	
DO NOTHING		EXCELLENT / 97	

Route Condition Legend – Pavement Condition Rating (PCR)

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

See Appendix for definitions and formulas





Gulf Islands National Seashore

ROUTE 0959: DAVIS BAYOU CAMPGROUND LOOP A RESTROOM PARKING

Manual Rating

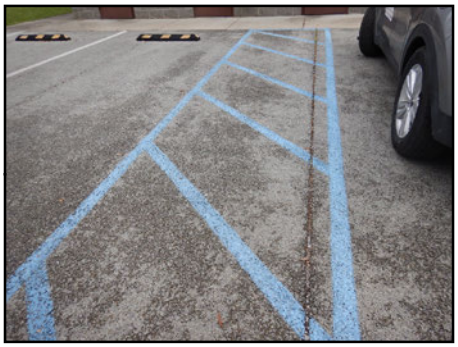
ADJACENT TO ROUTE 0206AZ (DAVIS BAYOU CAMPGROUND LOOP A) AT MP 0.07 ON LEFT

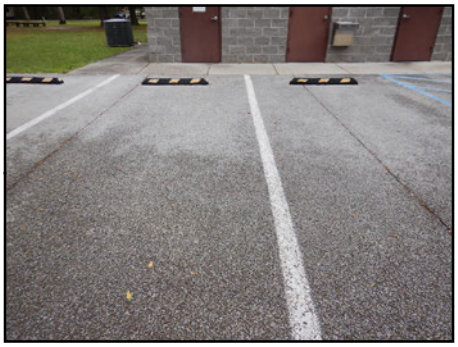
Inspection Date	FMSS Number	User Access	Surface Type
3/16/2019	N/A	PUBLIC	ASPHALT
Area (Sq. Ft.)	**Lane Miles (11' Widths)**	**Curb Reveal (Inches)**	**Curb Recommendation**
977	0.017	NOT APPLICABLE	NOT APPLICABLE
Curb Type		**Curb & Gutter Type**	
NO CURB		NO CURB AND GUTTER	
Pavement Recommendation		**Condition Rating / PCR**	
PREVENTIVE MAINTENANCE		GOOD / 90	

Route Condition Legend – Pavement Condition Rating (PCR)

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

See Appendix for definitions and formulas





Gulf Islands National Seashore

ROUTE 0961: FORT PICKENS CAMPGROUND MAIN LOOP A PARKING

Manual Rating

FROM ROUTE 0202 (FORT PICKENS CAMPGROUND MAIN LOOP A) AT MP 0.24 ON LEFT

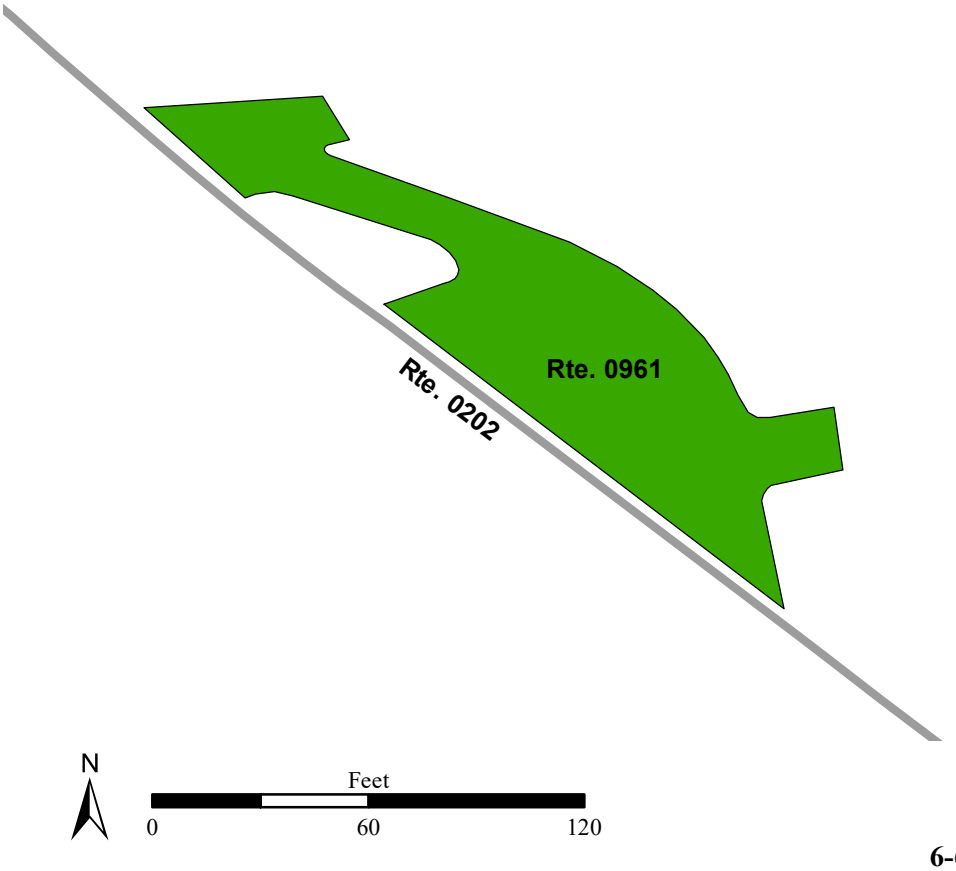
TO ROUTE 0202 (FORT PICKENS CAMPGROUND MAIN LOOP A) AT MP 0.27 ON LEFT

Inspection Date	FMSS Number	User Access	Surface Type
3/14/2019	N/A	PUBLIC	ASPHALT
Area (Sq. Ft.)	**Lane Miles (11' Widths)**	**Curb Reveal (Inches)**	**Curb Recommendation**
5,919	0.102	NOT APPLICABLE	NOT APPLICABLE
Curb Type		**Curb & Gutter Type**	
NO CURB		NO CURB AND GUTTER	
Pavement Recommendation		**Condition Rating / PCR**	
PREVENTIVE MAINTENANCE		GOOD / 90	

Route Condition Legend – Pavement Condition Rating (PCR)

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

See Appendix for definitions and formulas



Section 7
Road Milepost Information

Gulf Islands National Seashore

Federal Lands Highway
Road Inventory Program

Road Milepost Information

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

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

Where to find the latest Features Inventories for NPS Parks:

- For Small Parks (parks with less than 10 miles of paved roads):
    - Refer to Cycle 5 data (collected 2010 - 2014)
        - Features were reported in Section 9 of the ***Cycle 5*** RIP report
        - Video of features can be viewed using the ***PathViewVO*** program and ***Cycle 5*** data

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

Milepost Events Verified in Cycle 6

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

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

GPS Mileage Matching

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

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

Locating Mile Marker Signs

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

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

1. Mileposts from Cycle 6 GIS: the official RIP milepost taken from the features inventories and the matching GPS/mileage cycle as described above. This is the milepost that should be used on project plans and when finding locations in the field

2. Mileposts from Cycle 6 Video: milepost shown to help locate the mile marker sign in the latest ***PathView VO*** video.

3. Latitude / Longitude: a constant way of locating a mile marker sign so long as the park has not moved the sign

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

GUIS: Route Milepost Log

ROUTE 0011: J. EARLE BOWDEN WAY / STATE HIGHWAY 399

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

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.00	0.00	PARK BOUNDARY	N/A	N/A
0.00	0.00	INTERSECTION	N/A	PAVED ROUTE (VIA DE LUNA DRIVE / NON NPS)
1.84	1.84	INTERSECTION	R	ROUTE 0926 (PUBLIC PARKING #8)
1.96	1.96	INTERSECTION	R	ROUTE 0926 (PUBLIC PARKING #8)
2.63	2.63	INTERSECTION	R	ROUTE 0927 (PUBLIC PARKING #7)
2.74	2.74	INTERSECTION	R	ROUTE 0927 (PUBLIC PARKING #7)
4.19	4.19	INTERSECTION	L	ROUTE 0929 (PUBLIC PARKING #6)
4.26	4.26	INTERSECTION	R	ROUTE 0212 (OPAL BEACH ROAD)
5.95	5.95	INTERSECTION	R	ROUTE 0931 (PUBLIC PARKING #1)
6.05	6.05	INTERSECTION	R	ROUTE 0931 (PUBLIC PARKING #1)
7.29	7.29	PARK BOUNDARY	N/A	N/A
7.29	7.29	INTERSECTION	N/A	PAVED ROUTE (GULF BLVD / NON NPS)

ROUTE 0012: FORT PICKENS ROAD

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

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.00	0.00	INTERSECTION	N/A	PAVED ROUTE (FORT PICKENS ROAD)
0.00	0.00	PARK BOUNDARY	N/A	N/A
0.82	0.82	INTERSECTION	L	ROUTE 0012 (FORT PICKENS ROAD) CUT-THRU
0.84	0.84	INTERSECTION	L	ROUTE 0012 (FORT PICKENS ROAD) CUT-THRU
0.85	0.85	INTERSECTION	L	ROUTE 0958AZ (ENTRANCE STATION PARKING)
0.87	0.87	INTERSECTION	R	ROUTE 0958BZ (BUS ENTRANCE STATION PARKING)
1.66	1.66	INTERSECTION	L	ROUTE 0921 (PUBLIC BEACH PARKING #21)
1.76	1.76	INTERSECTION	L	ROUTE 0921 (PUBLIC BEACH PARKING #21)
3.74	3.74	INTERSECTION	L	ROUTE 0920 (PUBLIC BEACH PARKING #22)
4.59	4.59	INTERSECTION	R	ROUTE 0919 (CAMPGROUND REGISTRATION / RANGER STATION COMPLEX PARKING)
4.73	4.73	INTERSECTION	R	ROUTE 0919 (CAMPGROUND REGISTRATION / RANGER STATION COMPLEX PARKING)

Data Collected on 4/2019

GUIS: Route Milepost Log

ROUTE 0012: FORT PICKENS ROAD

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

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
4.77	4.77	INTERSECTION	R	ROUTE 0919 (CAMPGROUND REGISTRATION / RANGER STATION COMPLEX PARKING)
4.82	4.82	INTERSECTION	L	ROUTE 0100 (LANGDON BEACH ACCESS ROAD)
4.95	4.95	INTERSECTION	R	ROUTE 0400 (YACC ACCESS ROAD)
5.00	5.00	INTERSECTION	R	ROUTE 0933 (BATTERY LANGDON PARKING)
5.06	5.06	INTERSECTION	L	ROUTE 0100 (LANGDON BEACH ACCESS ROAD)
5.21	5.21	INTERSECTION	R	ROUTE 0408 (FORT PICKENS GROUP CAMPING ACCESS ROAD)
5.48	5.48	INTERSECTION	L	ROUTE 0939 (DUNE NATURE TRAIL PARKING)
5.49	5.49	INTERSECTION	R	ROUTE 0202 (FORT PICKENS CAMPGROUND MAIN LOOP A)
5.81	5.81	INTERSECTION	R	ROUTE 0201EZ (FORT PICKENS CAMPGROUND LOOP E)
5.84	5.84	INTERSECTION	R	ROUTE 0916 (CAMPGROUND STORE PARKING)
6.05	6.05	INTERSECTION	R	ROUTE 0915 (BATTERY WORTH PICNIC ACCESS AND PARKING)
6.07	6.07	INTERSECTION	R	ROUTE 0915 (BATTERY WORTH PICNIC ACCESS AND PARKING)
6.07	6.07	INTERSECTION	L	ROUTE 0501 (BATTERY 234 LOOP ROAD)
6.47	6.47	INTERSECTION	R	ROUTE 0912 (GRAVES PARKING)
6.50	6.50	INTERSECTION	L	ROUTE 0501 (BATTERY 234 LOOP ROAD)
6.52	6.52	INTERSECTION	R	ROUTE 0912 (GRAVES PARKING)
7.01	7.01	INTERSECTION	L	ROUTE 0500 (FORT PICKENS LOOP ROAD)
7.01	7.01	INTERSECTION	R	ROUTE 0500 (FORT PICKENS LOOP ROAD)
7.14	7.14	INTERSECTION	R	ROUTE 0402 (FORT PICKENS SERVICE ROAD)
7.14	7.14	INTERSECTION	L	ROUTE 0401 (FORT PICKENS DISTRICT OFFICE ROAD)
7.15	7.15	INTERSECTION	R	ROUTE 0907DZ (FORT PICKENS DISTRICT PARKING D)
7.16	7.16	INTERSECTION	L	ROUTE 0907CZ (FORT PICKENS DISTRICT PARKING C)
7.17	7.17	INTERSECTION	R	ROUTE 0907BZ (FORT PICKENS DISTRICT PARKING B)
7.18	7.18	INTERSECTION	L	ROUTE 0907AZ (FORT PICKENS DISTRICT PARKING A)
7.22	7.22	INTERSECTION	N/A	ROUTE 0908 (FORT PICKENS PARKING)
7.22	7.22	INTERSECTION	L	ROUTE 0500 (FORT PICKENS LOOP ROAD)
7.22	7.22	INTERSECTION	R	ROUTE 0500 (FORT PICKENS LOOP ROAD)

GUIS: Route Milepost Log

ROUTE 0013: JOHNSON BEACH ROAD

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

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.00	0.00	PARK BOUNDARY	N/A	N/A
0.00	0.00	INTERSECTION	N/A	PAVED ROUTE (JOHNSON BEACH ROAD)
0.13	0.13	INTERSECTION	L	ROUTE 0013 (JOHNSON BEACH ROAD) CUT-THRU
0.14	0.14	INTERSECTION	L	ROUTE 0013 (JOHNSON BEACH ROAD) CUT-THRU
0.38	0.38	INTERSECTION	L	ROUTE 0200 (NATURE TRAIL ACCESS ROAD)
0.38	0.38	INTERSECTION	R	ROUTE 0906 (ROSAMOND JOHNSON BEACH ACCESS PARKING)
2.42	2.42	INTERSECTION	L	ROUTE 0013 (JOHNSON BEACH ROAD)
2.42	2.42	ONE-WAY START	N/A	N/A
2.48	2.48	INTERSECTION	L	ROUTE 0013 (JOHNSON BEACH ROAD)
2.48	2.48	ONE-WAY END	N/A	N/A
2.48	2.48	INTERSECTION	N/A	ROUTE 0013 (JOHNSON BEACH ROAD)

GUIS: Route Milepost Log

ROUTE 0015: PARK ROAD

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

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.00	0.00	PARK BOUNDARY	N/A	N/A
0.00	0.00	INTERSECTION	L	PAVED ROUTE (HIGHWAY 90 / BIENVILLE BLVD / NON NPS)
0.00	0.00	INTERSECTION	R	PAVED ROUTE (HIGHWAY 90 / BIENVILLE BLVD / NON NPS)
0.17	0.21	BRIDGE	N/A	5320-001 (PABST ROAD BRIDGE)
0.91	0.93	BRIDGE	N/A	5320-002 (OLD U.S. ROUTE 90 BRIDGE)
1.07	1.07	INTERSECTION	L	ROUTE 0405 (VFW ROAD)
1.29	1.29	INTERSECTION	L	ROUTE 0409 (CEDAR POINT CAMPUS ROAD)
1.39	1.39	INTERSECTION	L	ROUTE 0017 (GOLLOTT ROAD)
1.61	1.61	INTERSECTION	L	PAVED ROUTE (QUAVE ROAD / NON NPS)
1.68	1.68	INTERSECTION	R	ROUTE 0016 (ROBERT MCGEE ROAD)
2.02	2.02	INTERSECTION	L	ROUTE 0102 (EAGLE POINT ROAD)
2.13	2.13	INTERSECTION	L	ROUTE 0406 (GOVERNMENT BOAT DOCK ROAD)
2.15	2.15	INTERSECTION	L	ROUTE 0904 (DAVIS BAYOU VISITOR CENTER PARKING)
2.16	2.16	INTERSECTION	L	ROUTE 0904 (DAVIS BAYOU VISITOR CENTER PARKING)
2.17	2.17	INTERSECTION	N/A	ROUTE 0904 (DAVIS BAYOU VISITOR CENTER PARKING)

GUIS: Route Milepost Log

ROUTE 0016: ROBERT MCGEE ROAD

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

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.00	0.00	INTERSECTION	R	ROUTE 0015 (PARK ROAD)
0.00	0.00	INTERSECTION	L	ROUTE 0015 (PARK ROAD)
0.13	0.13	INTERSECTION	R	ROUTE 0903 (DAVIS BAYOU MAINTENANCE PARKING)
0.25	0.25	INTERSECTION	L	ROUTE 0942 (DAVIS BAYOU NATURE'S WAY TRAIL ROADSIDE PARKING)
0.38	0.39	BRIDGE	N/A	5320-003 (ROBERT MCGEE CULVERT BRIDGE)
0.44	0.44	INTERSECTION	R	ROUTE 0949 (DAVIS BAYOU PICNIC SHELTER #4 PARKING)
0.44	0.44	INTERSECTION	R	ROUTE 0949 (DAVIS BAYOU PICNIC SHELTER #4 PARKING)
0.46	0.46	INTERSECTION	L	ROUTE 0103 (BOAT LAUNCH ROAD)
0.49	0.49	INTERSECTION	R	ROUTE 0949 (DAVIS BAYOU PICNIC SHELTER #4 PARKING)
0.50	0.50	INTERSECTION	L	ROUTE 0943 (ROBERT MCGEE ROAD CIRCLE PICNIC AREA PARKING)
0.51	0.51	INTERSECTION	R	ROUTE 0952 (DAVIS BAYOU PICNIC SHELTER #4 OVERFLOW PARKING)
0.52	0.52	INTERSECTION	L	ROUTE 0948 (DAVIS BAYOU PICNIC SHELTER #3 PARKING)
0.53	0.53	INTERSECTION	L	ROUTE 0943 (ROBERT MCGEE ROAD CIRCLE PICNIC AREA PARKING)
0.54	0.54	INTERSECTION	R	ROUTE 0944 (DAVIS BAYOU PICNIC AREA PARKING)
0.58	0.58	INTERSECTION	L	ROUTE 0206AZ (DAVIS BAYOU CAMPGROUND LOOP A)
0.67	0.67	INTERSECTION	R	ROUTE 0947 (DAVIS BAYOU PICNIC SHELTER #2 PARKING)
0.71	0.71	INTERSECTION	L	ROUTE 0951 (DAVIS BAYOU PICNIC SHELTER #2 OVERFLOW PARKING)
0.74	0.74	INTERSECTION	L	ROUTE 0016 (ROBERT MCGEE ROAD)
0.74	0.74	ONE-WAY START	N/A	N/A
0.76	0.76	INTERSECTION	R	ROUTE 0950 (DAVIS BAYOU PICNIC SHELTER #1 OVERFLOW PARKING)
0.79	0.79	INTERSECTION	R	PAVED ROUTE (HANLEY ROAD)
0.82	0.82	INTERSECTION	N/A	ROUTE 0016 (ROBERT MCGEE ROAD)
0.82	0.82	ONE-WAY END	N/A	N/A
0.82	0.82	INTERSECTION	R	ROUTE 0946 (DAVIS BAYOU PICNIC SHELTER #1 PARKING)
0.82	0.82	INTERSECTION	L	ROUTE 0016 (ROBERT MCGEE ROAD)

GUIS: Route Milepost Log

ROUTE 0017: GOLLOTT ROAD

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

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.00	0.00	INTERSECTION	L	ROUTE 0015 (PARK ROAD)
0.00	0.00	INTERSECTION	R	ROUTE 0015 (PARK ROAD)
0.20	0.20	INTERSECTION	L	PAVED ROUTE (MCILWAIN DRIVE / NON NPS)
0.22	0.22	INTERSECTION	L	PAVED ROUTE (NON NPS)
0.22	0.22	INTERSECTION	R	PAVED ROUTE (GOLLOTT ESTATES ROAD / NON NPS)
0.60	0.60	PARK BOUNDARY	N/A	N/A
0.60	0.60	INTERSECTION	N/A	UNPAVED ROUTE (GOLLOTT ROAD / NON NPS)

ROUTE 0100: LANGDON BEACH ACCESS ROAD

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

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.00	0.00	INTERSECTION	R	ROUTE 0012 (FORT PICKENS ROAD)
0.00	0.00	INTERSECTION	L	ROUTE 0012 (FORT PICKENS ROAD)
0.14	0.14	INTERSECTION	R	ROUTE 0918AZ (LANGDON BEACH PARKING A)
0.14	0.14	INTERSECTION	L	ROUTE 0918BZ (LANGDON BEACH PARKING B)
0.33	0.33	INTERSECTION	R	ROUTE 0012 (FORT PICKENS ROAD)
0.33	0.33	INTERSECTION	L	ROUTE 0012 (FORT PICKENS ROAD)

ROUTE 0102: EAGLE POINT ROAD

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

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.00	0.00	INTERSECTION	L	ROUTE 0015 (PARK ROAD)
0.00	0.00	INTERSECTION	R	ROUTE 0015 (PARK ROAD)
0.06	0.06	PARK BOUNDARY	N/A	N/A
0.06	0.06	INTERSECTION	N/A	PAVED ROUTE (EAGLE POINT ROAD / NON NPS)

GUIS: Route Milepost Log

ROUTE 0103: BOAT LAUNCH ROAD

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

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.00	0.00	INTERSECTION	L	ROUTE 0016 (ROBERT MCGEE ROAD)
0.00	0.00	INTERSECTION	R	ROUTE 0016 (ROBERT MCGEE ROAD)
0.10	0.10	INTERSECTION	R	ROUTE 0936 (DAVIS BAYOU PRIMITIVE CAMPGROUND PARKING)
0.14	0.14	INTERSECTION	L	ROUTE 0103 (BOAT LAUNCH ROAD)
0.14	0.14	ONE-WAY START	N/A	N/A
0.16	0.16	INTERSECTION	R	ROUTE 0902 (DAVIS BAYOU BOAT LAUNCH PARKING)
0.17	0.17	INTERSECTION	R	ROUTE 0953 (DAVIS BAYOU RAMP RESTROOM / PICNIC SHELTER #5 PARKING)
0.19	0.19	INTERSECTION	N/A	ROUTE 0103 (BOAT LAUNCH ROAD)
0.19	0.19	INTERSECTION	L	ROUTE 0103 (BOAT LAUNCH ROAD)
0.19	0.19	ONE-WAY END	N/A	N/A

ROUTE 0200: NATURE TRAIL ACCESS ROAD

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

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.00	0.00	INTERSECTION	R	ROUTE 0013 (JOHNSON BEACH ROAD)
0.00	0.00	INTERSECTION	N/A	ROUTE 0906 (ROSAMOND JOHNSON BEACH ACCESS PARKING)
0.00	0.00	INTERSECTION	L	ROUTE 0013 (JOHNSON BEACH ROAD)
0.15	0.15	INTERSECTION	N/A	ROUTE 0935 (NATURE TRAIL PARKING)

ROUTE 0201BZ: FORT PICKENS CAMPGROUND LOOP B

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

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.00	0.00	INTERSECTION	L	ROUTE 0201EZ (FORT PICKENS CAMPGROUND LOOP E)
0.00	0.00	ONE-WAY START	N/A	N/A
0.00	0.00	INTERSECTION	R	ROUTE 0201EZ (FORT PICKENS CAMPGROUND LOOP E)
0.11	0.11	INTERSECTION	L	ROUTE 0201DZ (FORT PICKENS CAMPGROUND LOOP D)
0.11	0.11	ONE-WAY END	N/A	N/A

Data Collected on 4/2019

GUIS: Route Milepost Log

ROUTE 0201CAZ: FORT PICKENS CAMPGROUND LOOP C SITES C26 - C49

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

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.00	0.00	INTERSECTION	N/A	ROUTE 0962 (FORT PICKENS CAMPGROUND UNPAVED PARKING)
0.00	0.00	INTERSECTION	L	ROUTE 0201EZ (FORT PICKENS CAMPGROUND LOOP E)
0.00	0.00	ONE-WAY START	N/A	N/A
0.00	0.00	INTERSECTION	R	ROUTE 0201EZ (FORT PICKENS CAMPGROUND LOOP E)
0.11	0.11	INTERSECTION	L	ROUTE 0201CBZ (FORT PICKENS CAMPGROUND LOOP C SITES C14 - C25)
0.26	0.26	INTERSECTION	L	ROUTE 0201EZ (FORT PICKENS CAMPGROUND LOOP E)
0.26	0.26	INTERSECTION	N/A	ROUTE 0201EZ (FORT PICKENS CAMPGROUND LOOP E)
0.26	0.26	ONE-WAY END	N/A	N/A

ROUTE 0201CBZ: FORT PICKENS CAMPGROUND LOOP C SITES C14 - C25

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

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.00	0.00	INTERSECTION	R	ROUTE 0201CAZ (FORT PICKENS CAMPGROUND LOOP C SITES C26 - C49)
0.00	0.00	ONE-WAY START	N/A	N/A
0.00	0.00	INTERSECTION	L	ROUTE 0201CAZ (FORT PICKENS CAMPGROUND LOOP C SITES C26 - C49)
0.08	0.08	ONE-WAY END	N/A	N/A
0.08	0.08	INTERSECTION	R	ROUTE 0201EZ (FORT PICKENS CAMPGROUND LOOP E)
0.08	0.08	INTERSECTION	N/A	ROUTE 0201EZ (FORT PICKENS CAMPGROUND LOOP E)

ROUTE 0201DZ: FORT PICKENS CAMPGROUND LOOP D

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

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.00	0.00	ONE-WAY START	N/A	N/A
0.00	0.00	INTERSECTION	N/A	ROUTE 0201EZ (FORT PICKENS CAMPGROUND LOOP E)
0.00	0.00	INTERSECTION	L	ROUTE 0201EZ (FORT PICKENS CAMPGROUND LOOP E)
0.11	0.11	INTERSECTION	R	ROUTE 0201BZ (FORT PICKENS CAMPGROUND LOOP B)
0.24	0.24	ONE-WAY END	N/A	N/A
0.24	0.24	INTERSECTION	L	ROUTE 0201EZ (FORT PICKENS CAMPGROUND LOOP E)
0.24	0.24	INTERSECTION	R	ROUTE 0201EZ (FORT PICKENS CAMPGROUND LOOP E)

Data Collected on 4/2019

GUIS: Route Milepost Log

ROUTE 0201EZ: FORT PICKENS CAMPGROUND LOOP E

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

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.00	0.00	INTERSECTION	R	ROUTE 0012 (FORT PICKENS ROAD)
0.00	0.00	INTERSECTION	L	ROUTE 0012 (FORT PICKENS ROAD)
0.04	0.04	INTERSECTION	L	ROUTE 0916 (CAMPGROUND STORE PARKING)
0.07	0.07	INTERSECTION	L	ROUTE 0201FZ (FORT PICKENS CAMPGROUND TURN AROUND)
0.09	0.09	INTERSECTION	L	ROUTE 0201FZ (FORT PICKENS CAMPGROUND TURN AROUND)
0.14	0.14	INTERSECTION	R	ROUTE 0201CAZ (FORT PICKENS CAMPGROUND LOOP C SITES C26 - C49)
0.14	0.14	INTERSECTION	L	ROUTE 0962 (FORT PICKENS CAMPGROUND UNPAVED PARKING)
0.14	0.14	INTERSECTION	L	ROUTE 0201BZ (FORT PICKENS CAMPGROUND LOOP B)
0.17	0.17	INTERSECTION	L	ROUTE 0201DZ (FORT PICKENS CAMPGROUND LOOP D)
0.17	0.17	INTERSECTION	R	ROUTE 0201EZ (FORT PICKENS CAMPGROUND LOOP E)
0.23	0.23	ONE-WAY START	N/A	N/A
0.24	0.24	INTERSECTION	L	ROUTE 0201DZ (FORT PICKENS CAMPGROUND LOOP D)
0.44	0.44	INTERSECTION	L	ROUTE 0201CAZ (FORT PICKENS CAMPGROUND LOOP C SITES C26 - C49)
0.62	0.62	INTERSECTION	L	ROUTE 0201CBZ (FORT PICKENS CAMPGROUND LOOP C SITES C14 - C25)
0.66	0.66	INTERSECTION	R	ROUTE 0201EZ (FORT PICKENS CAMPGROUND LOOP E)
0.66	0.66	ONE-WAY END	N/A	N/A
0.66	0.66	INTERSECTION	L	ROUTE 0201EZ (FORT PICKENS CAMPGROUND LOOP E)

ROUTE 0201FZ: FORT PICKENS CAMPGROUND TURN AROUND

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

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.00	0.00	ONE-WAY START	N/A	N/A
0.00	0.00	INTERSECTION	R	ROUTE 0201EZ (FORT PICKENS CAMPGROUND LOOP E)
0.00	0.00	INTERSECTION	L	ROUTE 0201EZ (FORT PICKENS CAMPGROUND LOOP E)
0.00	0.00	INTERSECTION	N/A	ROUTE 0939 (DUNE NATURE TRAIL PARKING)
0.03	0.03	INTERSECTION	L	ROUTE 0201EZ (FORT PICKENS CAMPGROUND LOOP E)
0.03	0.03	INTERSECTION	R	ROUTE 0201EZ (FORT PICKENS CAMPGROUND LOOP E)
0.03	0.03	ONE-WAY END	N/A	N/A

Data Collected on 4/2019

GUIS: Route Milepost Log

ROUTE 0202: FORT PICKENS CAMPGROUND MAIN LOOP A

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

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.00	0.00	INTERSECTION	R	ROUTE 0012 (FORT PICKENS ROAD)
0.00	0.00	INTERSECTION	L	ROUTE 0012 (FORT PICKENS ROAD)
0.03	0.03	ONE-WAY START	N/A	N/A
0.24	0.24	INTERSECTION	L	ROUTE 0961 (FORT PICKENS CAMPGROUND MAIN LOOP A PARKING)
0.27	0.27	INTERSECTION	L	ROUTE 0961 (FORT PICKENS CAMPGROUND MAIN LOOP A PARKING)
0.34	0.34	ONE-WAY END	N/A	N/A
0.34	0.34	INTERSECTION	N/A	ROUTE 0202 (FORT PICKENS CAMPGROUND MAIN LOOP A)
0.34	0.34	INTERSECTION	L	ROUTE 0202 (FORT PICKENS CAMPGROUND MAIN LOOP A)

ROUTE 0206AZ: DAVIS BAYOU CAMPGROUND LOOP A

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

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.00	0.00	ONE-WAY START	N/A	N/A
0.00	0.00	INTERSECTION	R	ROUTE 0016 (ROBERT MCGEE ROAD)
0.00	0.00	INTERSECTION	N/A	ROUTE 0016 (ROBERT MCGEE ROAD)
0.01	0.01	INTERSECTION	L	ROUTE 0206AZ (DAVIS BAYOU CAMPGROUND LOOP A)
0.07	0.07	INTERSECTION	L	ROUTE 0959 (DAVIS BAYOU CAMPGROUND LOOP A RESTROOM PARKING)
0.09	0.09	INTERSECTION	R	ROUTE 0206BZ (DAVIS BAYOU CAMPGROUND LOOP B)
0.30	0.30	INTERSECTION	L	ROUTE 0206AZ (DAVIS BAYOU CAMPGROUND LOOP A)
0.31	0.31	INTERSECTION	L	ROUTE 0016 (ROBERT MCGEE ROAD)
0.31	0.31	INTERSECTION	R	ROUTE 0016 (ROBERT MCGEE ROAD)
0.31	0.31	ONE-WAY END	N/A	N/A

GUIS: Route Milepost Log

ROUTE 0206BZ: DAVIS BAYOU CAMPGROUND LOOP B

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

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.00	0.00	INTERSECTION	L	ROUTE 0206AZ (DAVIS BAYOU CAMPGROUND LOOP A)
0.00	0.00	INTERSECTION	R	ROUTE 0206AZ (DAVIS BAYOU CAMPGROUND LOOP A)
0.07	0.07	ONE-WAY START	N/A	N/A
0.07	0.07	INTERSECTION	L	ROUTE 0206BZ (DAVIS BAYOU CAMPGROUND LOOP B)
0.12	0.12	INTERSECTION	L	ROUTE 0206BZ (DAVIS BAYOU CAMPGROUND LOOP B)
0.12	0.12	ONE-WAY END	N/A	N/A
0.12	0.12	INTERSECTION	N/A	ROUTE 0206BZ (DAVIS BAYOU CAMPGROUND LOOP B)

GUIS: Route Milepost Log

ROUTE 0207: HEADQUARTERS AND VISITOR CENTER ACCESS ROAD

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

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.00	0.00	INTERSECTION	R	ROUTE 5000 (U.S. HIGHWAY 98)
0.00	0.00	INTERSECTION	L	ROUTE 5000 (U.S. HIGHWAY 98)
0.04	0.04	INTERSECTION	L	ROUTE 0925AZ (HEADQUARTERS & VISITORS CENTER PARKING A)
0.05	0.05	INTERSECTION	R	ROUTE 0925BZ (HEADQUARTERS & VISITORS CENTER PARKING B)
0.08	0.08	INTERSECTION	L	ROUTE 0925CZ (HEADQUARTERS & VISITORS CENTER PARKING C)
0.09	0.09	INTERSECTION	L	ROUTE 0925DZ (HEADQUARTERS & VISITORS CENTER PARKING D)
0.09	0.09	INTERSECTION	R	ROUTE 0925EZ (HEADQUARTERS & VISITORS CENTER PARKING E)
0.11	0.11	INTERSECTION	R	ROUTE 0925FZ (HEADQUARTERS & VISITORS CENTER PARKING F)
0.11	0.11	INTERSECTION	L	ROUTE 0925GZ (HEADQUARTERS & VISITORS CENTER PARKING G)
0.11	0.11	INTERSECTION	R	ROUTE 0925HZ (HEADQUARTERS & VISITORS CENTER PARKING H)
0.14	0.14	INTERSECTION	R	ROUTE 0925IZ (HEADQUARTERS & VISITORS CENTER PARKING I)
0.16	0.16	INTERSECTION	L	ROUTE 0925AZ (HEADQUARTERS & VISITORS CENTER PARKING A)
0.17	0.17	INTERSECTION	R	ROUTE 0925JZ (HEADQUARTERS & VISITORS CENTER PARKING J)
0.18	0.18	INTERSECTION	R	ROUTE 0925KZ (HEADQUARTERS & VISITORS CENTER PARKING K)
0.20	0.20	INTERSECTION	L	ROUTE 0925AZ (HEADQUARTERS & VISITORS CENTER PARKING A)
0.20	0.20	INTERSECTION	R	ROUTE 0925LZ (HEADQUARTERS & VISITORS CENTER PARKING L)
0.25	0.25	INTERSECTION	R	ROUTE 0925MZ (HEADQUARTERS & VISITORS CENTER PARKING M)
0.26	0.26	ONE-WAY START	N/A	N/A
0.44	0.44	INTERSECTION	R	ROUTE 5000 (U.S. HIGHWAY 98)
0.44	0.44	INTERSECTION	L	ROUTE 5000 (U.S. HIGHWAY 98)
0.44	0.44	ONE-WAY END	N/A	N/A

GUIS: Route Milepost Log

ROUTE 0210: NAVAL LIVE OAKS ROAD

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

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.00	0.00	INTERSECTION	R	ROUTE 5000 (U.S. HIGHWAY 98)
0.00	0.00	INTERSECTION	L	ROUTE 5000 (U.S. HIGHWAY 98)
0.01	0.01	INTERSECTION	L	ROUTE 0210 (NAVAL LIVE OAKS ROAD) SPUR
0.18	0.18	INTERSECTION	R	ROUTE 0923 (NAVAL LIVE OAKS NORTH PARKING)
0.22	0.22	INTERSECTION	R	ROUTE 0923 (NAVAL LIVE OAKS NORTH PARKING)
0.40	0.40	INTERSECTION	N/A	ROUTE 0922 (NAVAL LIVE OAKS GROUP CAMPING AREA PARKING)

ROUTE 0212: OPAL BEACH ROAD

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

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.00	0.00	INTERSECTION	R	ROUTE 0011 (J. EARLE BOWDEN WAY / STATE HIGHWAY 399)
0.00	0.00	INTERSECTION	L	ROUTE 0011 (J. EARLE BOWDEN WAY / STATE HIGHWAY 399)
0.05	0.05	INTERSECTION	L	ROUTE 0930 (OPAL BEACH PARKING #2 EAST)
0.08	0.08	INTERSECTION	R	ROUTE 0934 (OPAL BEACH COMPLEX PARKING)
0.10	0.10	INTERSECTION	L	ROUTE 0955 (OPAL BEACH PARKING #3 EAST)
0.24	0.24	INTERSECTION	L	ROUTE 0954 (OPAL BEACH PARKING #4 WEST)
0.33	0.33	INTERSECTION	N/A	ROUTE 0928 (OPAL BEACH PARKING #5)

ROUTE 0401: FORT PICKENS DISTRICT OFFICE ROAD

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

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.00	0.00	INTERSECTION	N/A	ROUTE 0907DZ (FORT PICKENS DISTRICT PARKING D)
0.00	0.00	INTERSECTION	L	ROUTE 0012 (FORT PICKENS ROAD)
0.00	0.00	INTERSECTION	R	ROUTE 0012 (FORT PICKENS ROAD)
0.01	0.01	INTERSECTION	R	ROUTE 0907CZ (FORT PICKENS DISTRICT PARKING C)
0.11	0.11	INTERSECTION	N/A	TO END

Data Collected on 4/2019

GUIS: Route Milepost Log

ROUTE 0402: FORT PICKENS SERVICE ROAD

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

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.00	0.00	INTERSECTION	R	ROUTE 0012 (FORT PICKENS ROAD)
0.00	0.00	INTERSECTION	L	ROUTE 0012 (FORT PICKENS ROAD)
0.00	0.00	INTERSECTION	L	ROUTE 0907DZ (FORT PICKENS DISTRICT PARKING D)
0.02	0.02	INTERSECTION	R	UNPAVED ROUTE
0.14	0.14	INTERSECTION	R	ROUTE 0500 (FORT PICKENS LOOP ROAD)
0.14	0.14	INTERSECTION	N/A	ROUTE 0908 (FORT PICKENS PARKING)
0.14	0.14	INTERSECTION	L	ROUTE 0500 (FORT PICKENS LOOP ROAD)

ROUTE 0405: VFW ROAD

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

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.00	0.00	INTERSECTION	R	ROUTE 0015 (PARK ROAD)
0.00	0.00	INTERSECTION	L	ROUTE 0015 (PARK ROAD)
0.04	0.04	INTERSECTION	R	UNPAVED ROUTE (VFW 5699 / NON NPS)
0.09	0.09	PARK BOUNDARY	N/A	N/A
0.09	0.09	INTERSECTION	R	PAVED ROUTE (KNAPP ROAD / NON NPS)
0.09	0.09	INTERSECTION	L	PAVED ROUTE (KNAPP ROAD / NON NPS)

ROUTE 0406: GOVERNMENT BOAT DOCK ROAD

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

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.00	0.00	INTERSECTION	R	ROUTE 0015 (PARK ROAD)
0.00	0.00	INTERSECTION	L	ROUTE 0015 (PARK ROAD)
0.13	0.13	INTERSECTION	N/A	ROUTE 0905 (GOVERNMENT BOAT DOCK PARKING)

GUIS: Route Milepost Log

ROUTE 0409: CEDAR POINT CAMPUS ROAD

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

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.00	0.00	INTERSECTION	L	ROUTE 0015 (PARK ROAD)
0.00	0.00	INTERSECTION	R	ROUTE 0015 (PARK ROAD)
0.04	0.04	PARK BOUNDARY	N/A	N/A

ROUTE 0410: YATES HOUSE COMPOUND ROAD

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

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.00	0.00	INTERSECTION	R	PAVED ROUTE (EAGLE POINT ROAD / NON NPS)
0.00	0.00	PARK BOUNDARY	N/A	N/A
0.00	0.00	INTERSECTION	L	PAVED ROUTE (EAGLE POINT ROAD / NON NPS)
0.07	0.07	INTERSECTION	L	ROUTE 0957AZ (YATES HOUSE COMPOUND RV PARKING 1)
0.08	0.08	INTERSECTION	N/A	ROUTE 0957BZ (YATES HOUSE COMPOUND RV PARKING 2)

GUIS: Route Milepost Log

ROUTE 0500: FORT PICKENS LOOP ROAD

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

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.00	0.00	INTERSECTION	R	ROUTE 0012 (FORT PICKENS ROAD)
0.00	0.00	ONE-WAY START	N/A	N/A
0.00	0.00	INTERSECTION	L	ROUTE 0012 (FORT PICKENS ROAD)
0.19	0.19	INTERSECTION	R	ROUTE 0908 (FORT PICKENS PARKING)
0.30	0.30	INTERSECTION	R	ROUTE 0908 (FORT PICKENS PARKING)
0.38	0.38	INTERSECTION	L	ROUTE 0402 (FORT PICKENS SERVICE ROAD)
0.48	0.48	INTERSECTION	R	ROUTE 0908 (FORT PICKENS PARKING)
0.49	0.49	INTERSECTION	L	ROUTE 0012 (FORT PICKENS ROAD)
0.51	0.51	INTERSECTION	L	ROUTE 0907AZ (FORT PICKENS DISTRICT PARKING A)
0.63	0.63	INTERSECTION	L	ROUTE 0909 (BATTERY TRUEMAN PARKING)
0.70	0.70	INTERSECTION	L	ROUTE 0910 (JETTIES RESTROOM PARKING)
0.89	0.89	INTERSECTION	R	ROUTE 0911 (BATTERY PAYNE PARKING)
1.03	1.03	ONE-WAY END	N/A	N/A
1.03	1.03	INTERSECTION	N/A	ROUTE 0500 (FORT PICKENS LOOP ROAD)
1.03	1.03	INTERSECTION	L	ROUTE 0012 (FORT PICKENS ROAD)
1.03	1.03	INTERSECTION	R	ROUTE 0012 (FORT PICKENS ROAD)

ROUTE 0501: BATTERY 234 LOOP ROAD

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

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.00	0.00	INTERSECTION	R	ROUTE 0012 (FORT PICKENS ROAD)
0.00	0.00	INTERSECTION	L	ROUTE 0012 (FORT PICKENS ROAD)
0.00	0.00	ONE-WAY START	N/A	N/A
0.24	0.24	INTERSECTION	L	ROUTE 0913 (BATTERY 234 PARKING)
0.40	0.40	INTERSECTION	L	ROUTE 0914 (BATTERY COOPER PARKING)
0.62	0.62	INTERSECTION	N/A	ROUTE 0915 (BATTERY WORTH PICNIC ACCESS AND PARKING)
0.62	0.62	INTERSECTION	L	ROUTE 0012 (FORT PICKENS ROAD)
0.62	0.62	INTERSECTION	R	ROUTE 0012 (FORT PICKENS ROAD)
0.62	0.62	ONE-WAY END	N/A	N/A

Data Collected on 4/2019

Section 8
Appendix

Gulf Islands National Seashore

Federal Lands Highway
Road Inventory Program

Improvements to the RIP Index Equations and Determination of PCR

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

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

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

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

The changes that were implemented were endorsed by management at both the FHWA and NPS. In order to show the effectiveness of these changes, several sites were ground truth tested in early 2014 to ensure that an improvement was achieved between the relationship of PCR and the actual Maintenance and Rehabilitation needs that were represented. The changes will allow greater use of RIP and HPMA data for not simply condition data reporting, but also as a reliable tool for project identification and selection.

Description of the Rating System

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

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

With the use of quality digital photography and automated crack detection software, FHWA RIP is tasked with executing a pavement condition assessment on a network of roughly 5,700 miles of National Park Service roads and parkways. Because a subset of roads will be collected multiple times this cycle, the total collection length will be around 13,000 miles. Foremost in setting up the basis of pavement distress identification is employing the distress identification protocols used by FHWA. There is no single distress identification system that is universal among entities conducting a program of distress identification. For the purpose of the NPS RIP, FHWA employs distress identification protocols that are specific to this program.

FHWA has referenced the "*Distress Identification Manual for the Long-Term Pavement Performance Program", Publication No. FHWA-RD 03-031, June 2003,* as the point-of- reference for distress types on NPS pavement. In truth, the FHWA RIP distress types are similar to those described in the LTPP manual with some modifications. This document, "*Distress Identification Manual for the NPS Road Inventory Program, Cycle 6, 2014-2020"* was developed using the "*Distress Identification Manual for the Long-Term Pavement Performance Program"* as a guideline. Definitions of severity levels based on crack width contained in this document adhere to the LTPP Distress ID Manual. Modifications have been made to the definition of Alligator and Longitudinal Cracking and determination of Alligator Cracking severity. This manual also addresses Rutting and Roughness and its application to RIP.

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

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

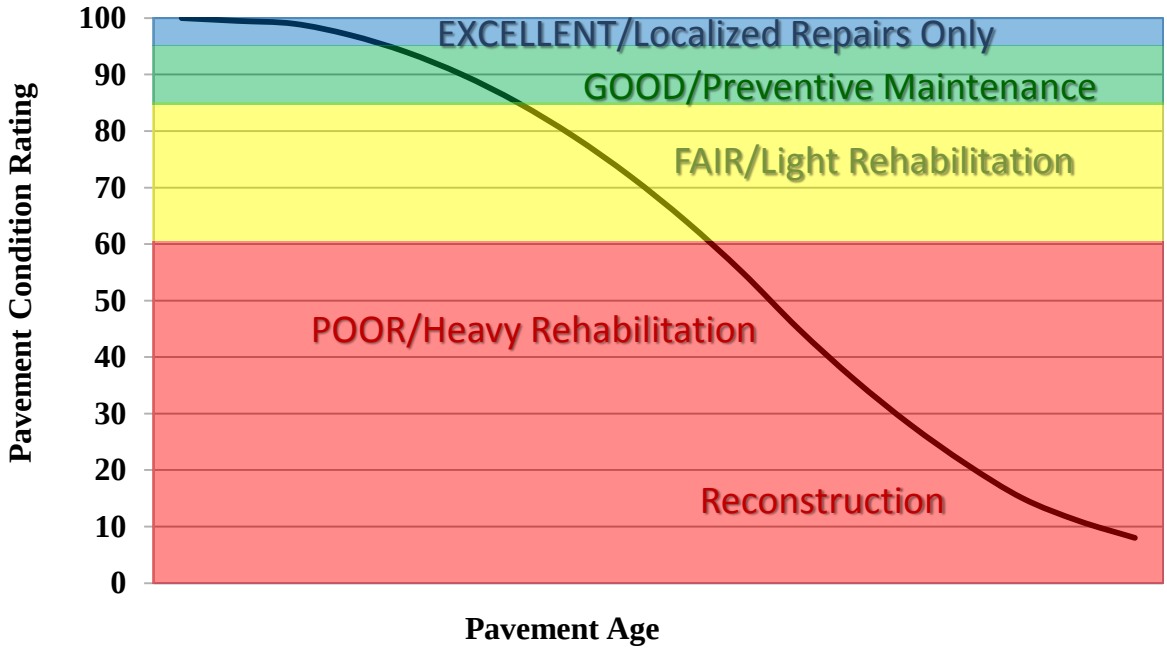
Explanation of the Condition Descriptions

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

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

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

Condition Categories and Treatments



Description of Pavement Treatment Types

1. **Preventive Maintenance** is a planned strategy of cost-effective treatments to an existing roadway system and its appurtenances that preserves the system, retards future deterioration, and maintains or improves the functional condition of the system (without significantly increasing the structural capacity). Preventive maintenance is typically applied to pavements in good condition having significant remaining service life. As a major component of pavement preservation, preventive maintenance is a strategy of extending the service life by applying cost-effective treatments to the surface or near-surface of structurally sound pavements. Examples of preventive treatments include asphalt crack sealing, chip sealing, slurry or micro-surfacing, thin and ultra-thin hot-mix asphalt overlay, concrete joint sealing, diamond grinding, dowel-bar retrofit, and isolated, partial and/or full-depth concrete repairs to restore functionality of individual slabs.

2. Pavement Rehabilitation consists of structural enhancements that extend the service life of an existing pavement and/or improve its load carrying capacity. Rehabilitation techniques include restoration treatments and structural overlays. Rehabilitation projects extend the life of existing pavement structures either by restoring existing structural capacity through the elimination of age-related, environmental cracking of embrittled pavement surface or by increasing pavement thickness to strengthen existing pavement sections to accommodate existing or projected traffic loading conditions. Two sub-categories result from these distinctions, which are directly related to the restoration or increase of structural capacity.

    - **Light Rehabilitation (L3R)** - Examples include single-lift overlays up to 2.5 inches in total thickness and milling and overlays for flexible pavements

    - **Heavy Rehabilitation (H3R)** – Requires rehabilitation with grade improvement. H3R stands for resurfacing, restoration, and rehabilitation projects. H3R projects typically involve multi-depth (overlays greater than 2.5 inches) pavement improvement work (short of full-depth replacement) and targeted safety improvements. H3R projects generally involve retention of the existing three-dimensional alignment.

3. **Reconstruction (4R)** is defined as the replacement of the entire existing pavement structure by the placement of the equivalent or increased pavement structure. Reconstruction usually requires the complete removal and replacement of the existing pavement structure. Reconstruction may utilize either new or recycled materials incorporated into the materials used for the reconstruction of the complete pavement section. Reconstruction is required when a pavement has either failed or has become functionally obsolete.

Appendix A

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

Surface Distresses Identified by the Data Collection Vehicle

Surface Condition Rating – SCR

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

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

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

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

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

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

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

Roughness Condition Index - RCI

Additional condition data measured by DCV (lasers and accelerometers)

- Roughness (IRI)

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

Pavement Condition Rating - PCR

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

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.

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

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

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

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

Table 1. Distress summary

Alligator Cracking

Description:

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

Severity Levels:

LOW
An area with little to no interconnecting cracks with no visible spalling. Cracks are less than or equal to a mean width of 0.25 in. (6mm). Cracks in the pattern are no further apart than 1 foot (0.328 m). May be sealed cracks with sealant in good condition and a crack width that cannot be determined.

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

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

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

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

Table 2. Alligator Crack Severity Levels

Longitudinal Cracking

Description:

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

Severity Levels:

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

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

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

Transverse Cracking

Description:

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

Severity Levels:

LOW
Cracks with a mean width of less than or equal to 0.25 in. (6 mm). Sealed cracks with sealant in good condition and a width that cannot be determined.

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

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

Patching and Potholes

Description:

Patching is an area of pavement surface that has been removed and replaced with patching material or an area of pavement surface that has had additional patching material applied. Patching may encompass partial lane or full lane width. On full lane width patching; the total, contiguous length of patch may not exceed 0.100 mi. (0.161 km). (Any full-lane patch exceeding 0.100 mi. in length is considered a pavement change). Patching must have a quantifiable area.

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

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

Speed bumps should not be rated as patches

Severity Levels:

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

RUTTING

Description:

Rutting is a longitudinal surface depression in the wheelpath.

Severity Levels:

LOW

Ruts with a measured depth of 0.20 inches to 0.49 inches
Ruts less than 0.20 in. are not included in the distress calculations.

MEDIUM

Ruts with a measured depth of 0.50 inches to 0.99 inches

HIGH

Ruts with a measured depth greater than 1.00 inch

ROUGHNESS

Description:

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

Severity Levels:

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

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

Table 3. International Roughness Index

Roughness Collection Parameters

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

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

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

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

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

Index Formulas

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

Alligator Crack Index

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:

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

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:

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

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:

$$\frac{\text{Total length of transverse cracks}}{\text{Lane width}}$$

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

Patching Index

PATCH_INDEX = (100 – 40) * (%PATCHING / 80)

Where:

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

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

Percent of total area is computed as:

$$\frac{\text{square foot area of patching/potholes}}{\text{(0.02 mile)*(lane width)}}$$

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:

$$\frac{\textbf{(total number of ruts within each severity in both wheelpaths)}}{\textbf{20}} \times \textbf{100}$$

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)

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

Where:

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

Average IRI is computed as:

$$\frac{\text{(Left wheelpath IRI) + (Right wheelpath IRI)}}{2}$$

There is no applicable threshold for failure for this index.

Roughness Condition Index (Concrete)

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

For concrete, PCR = RCI

Surface Condition Rating Index

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

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

Where:

See above for determinations of SC_INDEX, TC_INDEX, PATCH_INDEX and RUT_INDEX.

The threshold for failure for this index is SCR = 60.Data Collection Vehicle Subsystems

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

Cameras

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

Two forward-facing cameras are mounted above the vehicle cab, one pointed straight ahead and the other to the right shoulder providing seamless roughly 120 degree viewing. A third camera is mounted in the rear of the vehicle, recording the left shoulder.

CAMERA SPECIFICATIONS TWO FORWARD / ONE REAR FACING CAMERA	
Camera lens/type	Prosilica GT 2750 (GigE Technology)
Image format	*.jpg
Image resolution	2750 x 2200, 18 frames/second
Image pixel size	depends on distance
Zoom ratio	16mm Fixed
Iris range	Aperture Range F 1.8 – Infinity (P-Iris, Automatic

Pavement Imaging and Rutting

High resolution rutting data and surface imaging are collected in a single data stream using a three-dimensional (3D) pavement surface transverse profile data acquisition system. The 3D camera captures a laser line as it is projected over the pavement surface and uses the location of this line to measure the height deviations of the pavement surface. These height deviations can be used to calculate rutting in both wheelpaths. These deviations also provide a grayscale image detailing the change in height throughout the surface, i.e. providing depth measurements for cracking.

THREE-DIMENSIONAL PAVEMENT SURFACE AND TRANSVERSE PROFILE DATA ACQUISITION SYSTEM	
Surface Image Specifications	
Image size	1536 pixels/scan @3000 Hz
Image width	4 meters (3950 mm nominal)
Laser class	3B
Power	16W (Two lasers @ 8W Ea)
Vehicle speed limitations	62 mph
Environment	Dry pavement, day or night
Sensor size (approximate)	1536 pixels x 512 pixels
Image display length	26.4 feet
Rutting Specifications	
Reported rut depth units	Inches
Vehicle speed limitations	Up to 62 mph
Sampling rate	3000 profiles/second
Transverse resolution	1536 points/profile
Transverse field-of-view	14 feet
Depth accuracy (nominal)	<1mm
Environment	Dry pavement, day or night, above 32 degrees F
Adherence to specifications	ASTM E1703M-95 (reapproved 2005)

Distance Measuring Instrument (DMI)

The DMI (Distance Measuring Instrument) obtains road length measurements that are accurate to 0.15% for speeds up to 60 mph. The DMI is connected to the hub of the rear wheel on the driver's side, and is calibrated to the revolutions of the rear vehicle axle on a regular basis.

Roughness (IRI)

IRI SPECIFICATIONS	
Reported IRI units	Inches/mile
Vehicle speed limitations	12-62 mph
IRI equipment certification	Texas Transportation Institute (TTI)
Wavelengths accommodated	0.5 feet to 300 feet
IRI computed & reported	World Bank Technical Paper Number 46
Environment	Dry pavement, day or night, above 32 degrees
Adherence to specifications	ASTM E950 Class 1 & AASHTO M 328

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

GPS & Inertial Systems

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

GPS SPECIFICATIONS	
Static accuracy	Sub-meter
Dynamic accuracy	2-3 meters
Receiver	12 satellite tracking
Coordinate system	Lat Lon WGS 84
Environment	Day or night
Cross-slope	± 1.75%
Grade	± 1.75%
Adherence to specifications	ASTM E1703M-95 (reapproved 2005)

*NOTE – GPS accuracy is dependent on many different factors. Satellite constellation, tree coverage, GPS receiver quality, and real-time correction availability can all affect the locational and elevation accuracies. The elevation (z coordinate) accuracy is less dependable than locational or horizontal accuracy (x/y coordinates or latitude/longitude). In areas of heavy tree coverage or poor satellite constellations, elevation data can vary by as much as +/- 100 feet.

Appendix B

Methodology for Determining Condition Ratings Using Manual Rating Procedures

Description of Manual Rating Methods

In 2013, the Federal Highway Administration updated existing Manual Rating Procedures in an effort to better align pavement conditions for Manually Rated Routes and Parking with the Highway Pavement Management Application (HPMA). HPMA is the Pavement Management System used by the FHWA to store inventory and condition data from the Road Inventory Program (RIP) and forecast future performance using prediction models. HPMA uses pavement condition data (collected by the Road Inventory Program) to develop life cycles for pavements and recommend treatments to maximize useable pavement life while minimizing costs associated with maintenance and repair.

The Federal Highway Administration (FHWA) developed a set of manual rating methods for pavement that are appropriate for Federal Roadways. Two different methods were developed for linear roads and a separate method was developed for parking areas and nonlinear roads. These methods employ a 0 to 100 rating scale and improve consistency and objectivity in the manual evaluation of surface distresses. They are compatible with ratings that are collected by the automated Data Collection Vehicle (DCV).

- The first of the two manual evaluation methods for roads uses rating criteria to assign index values to each distress type based on a visual evaluation of severity and extent.

- The second manual evaluation method for roads is very time demanding and is best employed on only a select set of routes which may have the highest visitor use and require a more intensive assessment. This method will be used for the Manual Rating of Function Class 1, 2, 7, and 8 Roads. This method is based on measurements that are recorded for each instance of a surface distress. These measurements are converted into index values using conversion formulas.

- Parking areas and non-linear roads are rated similar to the first method shown above, however, there are some slight differences due to the non-linear nature.

The details and criteria used for each of these rating methods are outlined below.

Visual Inspection Method for Manually Rating Secondary Roads

The visual inspection method for manually rated roads uses condition rating criteria that have been developed by FHWA. This criteria is based on a visual evaluation of the severity and extent of distresses to determine the overall condition of the roadway. This method is used for secondary roads that are Functional Class 3, 4, 5, and 6. This constitutes the majority of manually rated roads collected by the Road Inventory Program.

Rating Section Lengths

For this method, Manually Rated Roads are rated in sections. These sections may be made based on length of changes in surface type or condition as described below. The ratings are then aggregated to give an overall rating for the Route:

- Rating sections should be no longer than 0.25 miles in order to keep the area being rated manageable.
- A new rating section may be started based on changes in condition, width, or surface type if these changes represent a significant portion of the route (are not isolated instances).
- If the road condition, width, and surface type remain constant then new sections do not need to be created unless the road exceeds 0.25 miles.

Rating Criteria

For this method, Manually Rated Roads are evaluated using a visual inspection of the six distress types listed below. Each distress is assigned one of five index values. An overall Surface Condition Rating (SCR) and Pavement Condition Rating (PCR) are calculated based on these index values.

- Alligator Cracking
    - Rating based on percentage of road surface affected
- Longitudinal Cracking
    - Rating based on severity level (crack width) and percentage of road section length of longitudinal cracks
- Transverse Cracking
    - Rating based on crack width, crack spacing, and percentage of surface affected
- Patching
    - Rating based on percentage of road surface affected
- Rutting
    - Rating based on percentage of road section length affected by visible rutting (>1 inch depth) that requires remediation
- Roughness
    - Manual assessments of roughness are not made due to the subjectivity of the measurement. Therefore, roughness is not incorporated into the PCR calculation of manually rated roads.

Concrete Routes also receive a PCR rating based on visual evaluation of the following six distress types.

- Slab Faulting at Joints
- Slab Cracking and breakup
- Surface Delamination and Pop-outs
- Joint Distresses
- Patching

Distress Measurement Method for Manually Rating Primary Roads

A more intensive and time demanding assessment than our standard method was developed for Primary roads that are functional class 1, 2, 7, or 8. These high visitation roads are usually accessible by the automated Data Collection Vehicle but in rare instances may need to be manually rated. The method developed is based on measuring each instance of a distress. These measurements are totaled over each section length being measured and are then converted into index values between 0 and 100 (100 being a road with no distress) using index formula equations outlined below. The goal of this method is to produce measured index values which are directly comparable to the automated DCV.

Rating Section Lengths

For the distress measurement method roads are broken into sections in order to rate. Distress measurements are totaled for each section separately in order to determine the index value for that particular section. The section length to be rated is determined based on the following rules:

- Rating sections are between 0.25 and 0.50 miles long
- A new rating section is created if there is a significant change in condition or pavement width
- If there are no significant changes in condition or pavement width, rating sections are broken at equal intervals, typically 0.50 miles

Manual Distress Measurements

Alligator Cracking

- Alligator cracking is measured by area (square feet). Instances of Alligator cracking are measured along the length and multiplied by the average width of the distressed area.
- The index for alligator cracking takes the total area of cracking compared to the interval length and converts it to a percentage. That percentage is then input into an index formula that yields a value between 0 and 100 (0 being the most distressed).
- Severity levels are not defined for manually measured Alligator cracks. The Alligator Crack Index formula is calculated based on an assumption of medium severity.

Longitudinal Cracking

- Longitudinal cracking (cracking in the direction parallel to the roadway) is measured by length (ft.).
- The index for longitudinal cracking takes the total length of cracking compared to the interval length and converts it to a percentage broken down by severity. That percentage is then input into a formula that yields a value between 0 and 100 (0 being the most distressed).
- Two severity levels are defined for manually measured Longitudinal Cracks. Lower severity cracks are those with a mean width of less than 0.25 inches. Sealed cracks with sealant in good condition are also considered lower severity. Higher severity cracks are those with a mean width of greater than 0.25 inches.

Transverse Cracking

- Transverse cracking (cracking in the direction perpendicular to the roadway) is measured by length (ft).
- The index for transverse cracking takes the total number of cracks (1 crack would encompass the full lane) broken down by severity. The total numbers of each severity are then put into a formula that yields a value between 0 and 100 (0 being the most distressed).
- Two severity levels are defined for manually measured Transverse Cracks. Lower severity cracks are those with a mean width of less than or equal to 0.25 inches. Sealed cracks with sealant in

good condition are also considered lower severity. Higher severity cracks are those with a mean width of greater than 0.25 inches.

Patching and Potholes

- Patching and Potholes are measured by area (square feet). Instances of Patching are measured along the length and multiplied by the average width of the patch.
- Instances of full lane width patching cannot be longer than 0.100 miles, otherwise 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 where one transverse crack is equal to the lane width and the crack width <= 0.25 inches

HIGH = Count of the total number of transverse cracks within the section length where one transverse crack is equal to the lane width and the crack width > 0.25 inches

Number of cracks is computed as:

Total length of transverse cracks/Lane width

Patching Index for Manual Rating:

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
  - Rating based on percentage of road surface affected
- Longitudinal, Transverse and Block cracking
  - Rating based on crack width, crack spacing, and percentage of surface affected
- Rutting and Distortions
  - Rating based on percentage of road surface affected
- Hot Mix Asphalt Patches
  - Rating based on overall percentage of HMA patches
- Potholes and Cold Patches
  - Rating based on percentage of road surface affected
- Surface Raveling and Bleeding
  - Rating based on percentage of road surface affected

Concrete Parking Distress Types

- Slab Faulting at Joints
  - Rating based on height differential between adjacent slabs or pieces of broken slabs
- Slab Cracking and breakup
  - Rating based on quantity of cracks and if slab is acting to able distribute load as designed
- Surface Delamination and Pop-outs
  - Rating based on percentage of road surface affected to include pop-outs, spalls and surface delamination
- Joint Distresses
  - Rating based on sealant condition and concrete distresses at/or adjacent to joints
- Patching
  - Rating based on percentage of road surface affected

Curb Inspection and Treatments

During inspections of manually rated parking lots and routes, the curb reveal and overall curb condition are evaluated. The curb condition is used to determine a recommendation.

Curb Reveal
The vertical distance on the curb face from the gutter flow line or pavement surface to the top of curb. When resurfacing adjacent to curb, the resulting curb reveal should be no less than 4 inches. Additionally, when resurfacing adjacent to a gutter, the resulting pavement surface should be flush with the gutter pan. In cases where a resurfacing would violate either of these parameters, the surface may need to be milled or removed to adjust to these field conditions.

Curb Recommendations
The following treatment categories are based on the overall percentage of distresses along the entire curb structure for a specific pavement structure. Distresses include spalling, cracking, loss of material and any other damage which prevents the curb from conveying storm runoff or failing to perform in its intended function.

- Overall curb damage ranging 0%-5%:
    - DO NOTHING
- Overall curb damage ranging 5%-20%
    - LIGHT REPAIR
- Overall curb damage ranging 20%-50%
    - MODERATE REPAIR
- Overall curb damage greater than 50%:
    - REPLACE

GPS for Manually Rated Roads and Parking

GPS information for Manually Collected Cycle 6 Routes will be recorded using the latest hardware and software by TRIMBLE 6000 Series GeoXT. Cycle 6 GPS collection units will allow access to GPS and GLONASS, improving overall GPS reliability, accuracy and precision to submeter accuracy. Additionally, the new GPS units have an enhanced ability to collect accurate signals underneath tree cover or adjacent to buildings or natural terrain with extreme vertical gradations that typically reduce GPS accuracy. Trees and buildings create "satellite shadows", limiting the areas where you can reliably collect high-accuracy GPS data. The updated GPS receiver will deliver improved usable data under tree canopy or in natural or urban canyons. Routes that were previously collected accurately will not be recollected in Cycle 6.

TRIMBLE 6000 SERIES GeoXT GPS SPECIFICATIONS	
Receiver	Trimble Maxwell™ 6 GNSS chipset
Channels	220 channels
Systems	GPS / GLONASS / WAAS
Accuracy	Sub-meter
Operation Temperature	–20 °C to +60 °C (–4 ºF to +140 ºF)
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

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.
    - GPS will be provided as Shapefiles and KMLs
    - 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

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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
HPMA	Highway Pavement Management Application
Lane Width	Width from road centerline to fogline, or from centerline to edge-of-pavement when no fogline exists
LC	Longitudinal Cracking
MRR	Manually Rated Route
MRL	Manually Rated Line
MRP	Manually Rated Polygon
N/A	Not Applicable
NC	Not Collected
PATCH	Patching and Potholes
Paved Width	Width from edge-of-pavement to edge-of-pavement
PCR	Pavement Condition Rating
PKG	Parking Area
Poor	Poor rating with an index value of 0 to 60
RCI	Roughness Condition Index
SC	Structural Cracking
SCR	Surface Condition Rating
TC	Transverse Cracking