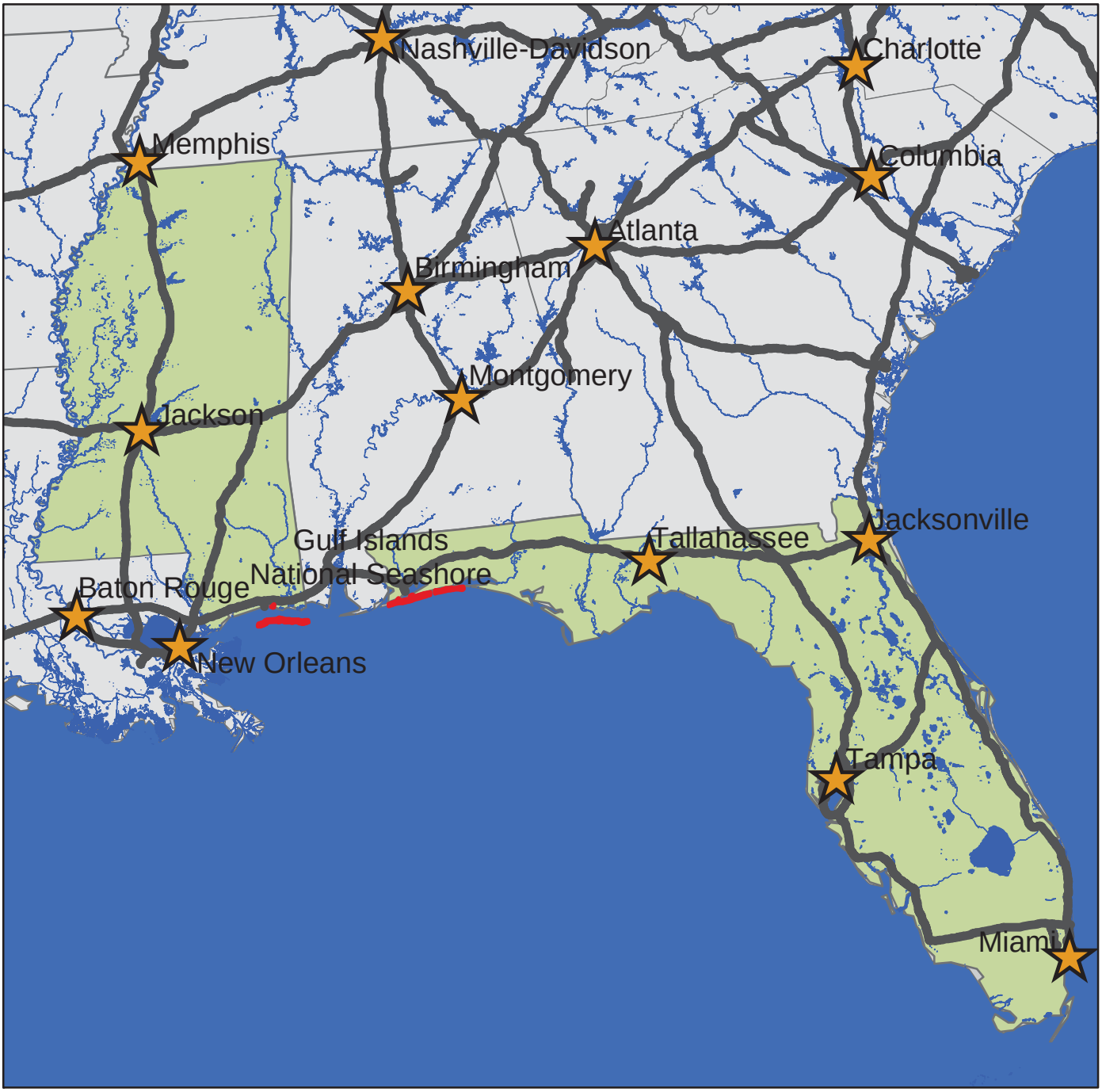
national park service

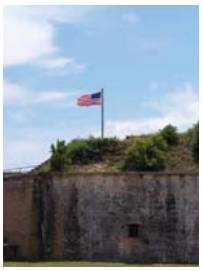
The Road Inventory
of
Gulf Islands National Seashore
GUIS – 5320
Cycle 4

Prepared By:
Federal Highway Administration
Road Inventory Program
Cycle 4

DEPARTMENT OF TRANSPORTATION
UNITED STATES OF AMERICA

Gulf Islands National Seashore
in
Florida and Mississippi





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Gulf Islands National Seashore

Section 1
Introduction

INTRODUCTION

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

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

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

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

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

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

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

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

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

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

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

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

The FHWA RIP Team

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Gulf Islands National Seashore

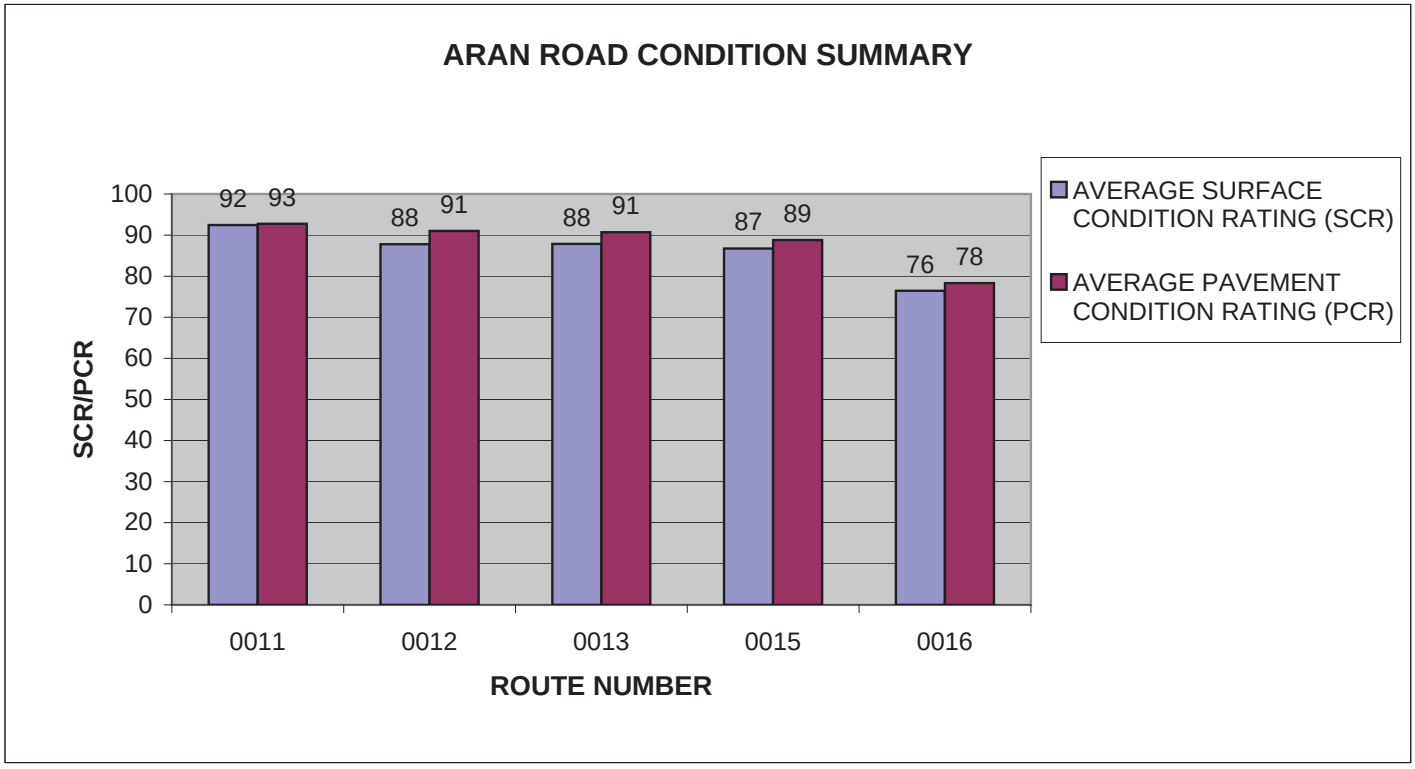
Section 2
Park Summary Information

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

F.C.	Pavement Condition Rating (PCR)								TOTAL MILES
	Poor (<=60)		Fair (61-84)		Good (85-94)		Excellent (95-100)		
	MILES	%	MILES	%	MILES	%	MILES	%	
1	0.58	2.33%	4.46	17.92%	5.15	20.69%	10.56	42.43%	**20.75**
2									
3	0.64	2.57%	1.78	7.15%	1.00	4.02%	0.50	2.01%	**3.92**
4			0.07	0.28%			0.02	0.08%	**0.09**
5	0.01	0.04%	0.12	0.48%					**0.13**
6									
7									
8									
Totals	**1.23**	**4.94%**	**6.43**	**25.83%**	**6.15**	**24.71%**	**11.08**	**44.51%**	**24.89**

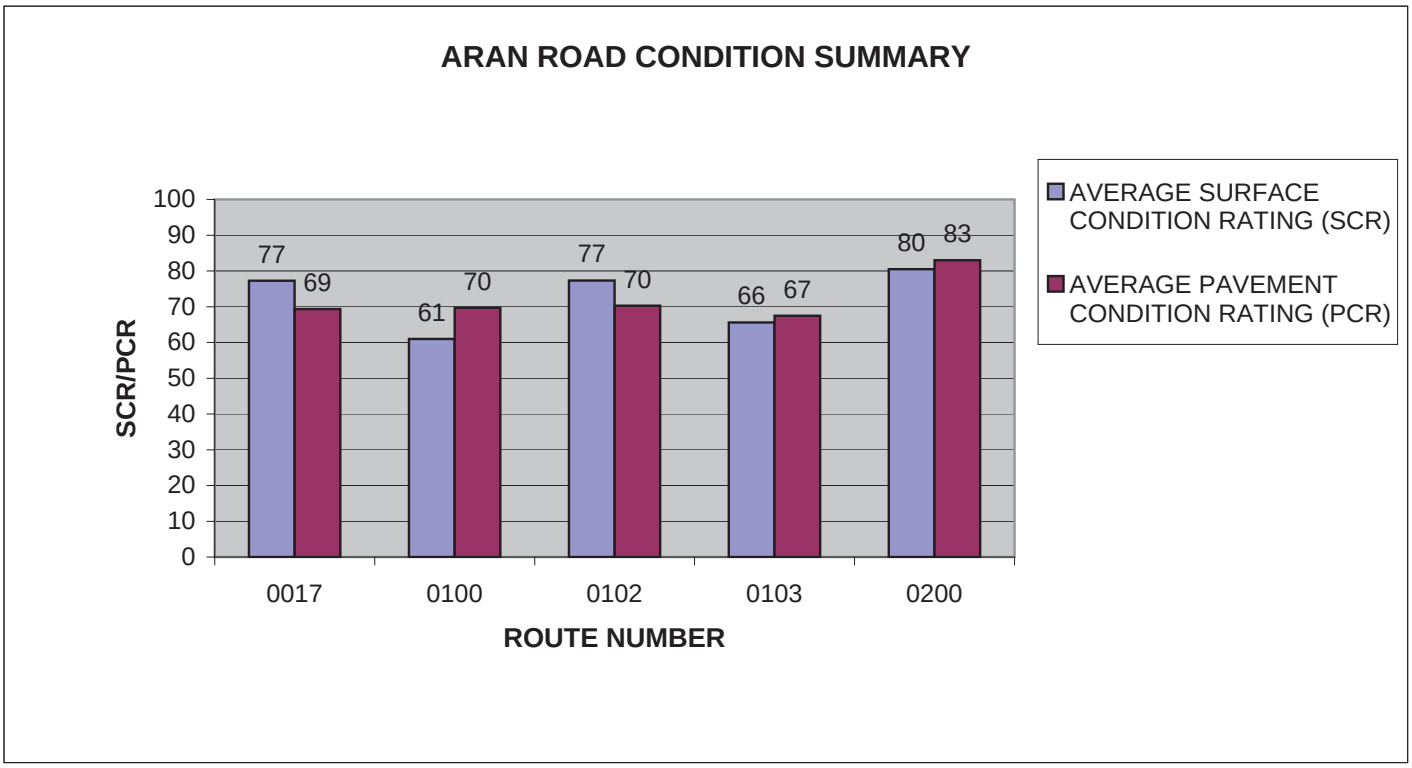
GUIS: ARAN ROAD CONDITION SUMMARY

ROUTE NUMBER	ROUTE NAME	FUNCT CLASS	ROUTE LENGTH	SURFACE TYPE	AVERAGE SURFACE CONDITION RATING (SCR)	AVERAGE PAVEMENT CONDITION RATING (PCR)
0011	J. EARLE BOWDEN WAY / STATE ROUTE 399	1	7.29	ASPHALT	92	93
0012	FORT PICKENS ROAD	1	7.18	ASPHALT	88	91
0013	JOHNSON BEACH ROAD	1	2.48	ASPHALT	88	91
0015	PARK ROAD	1	2.17	ASPHALT	87	89
0016	HANLEY ROAD	1	0.82	ASPHALT	76	78



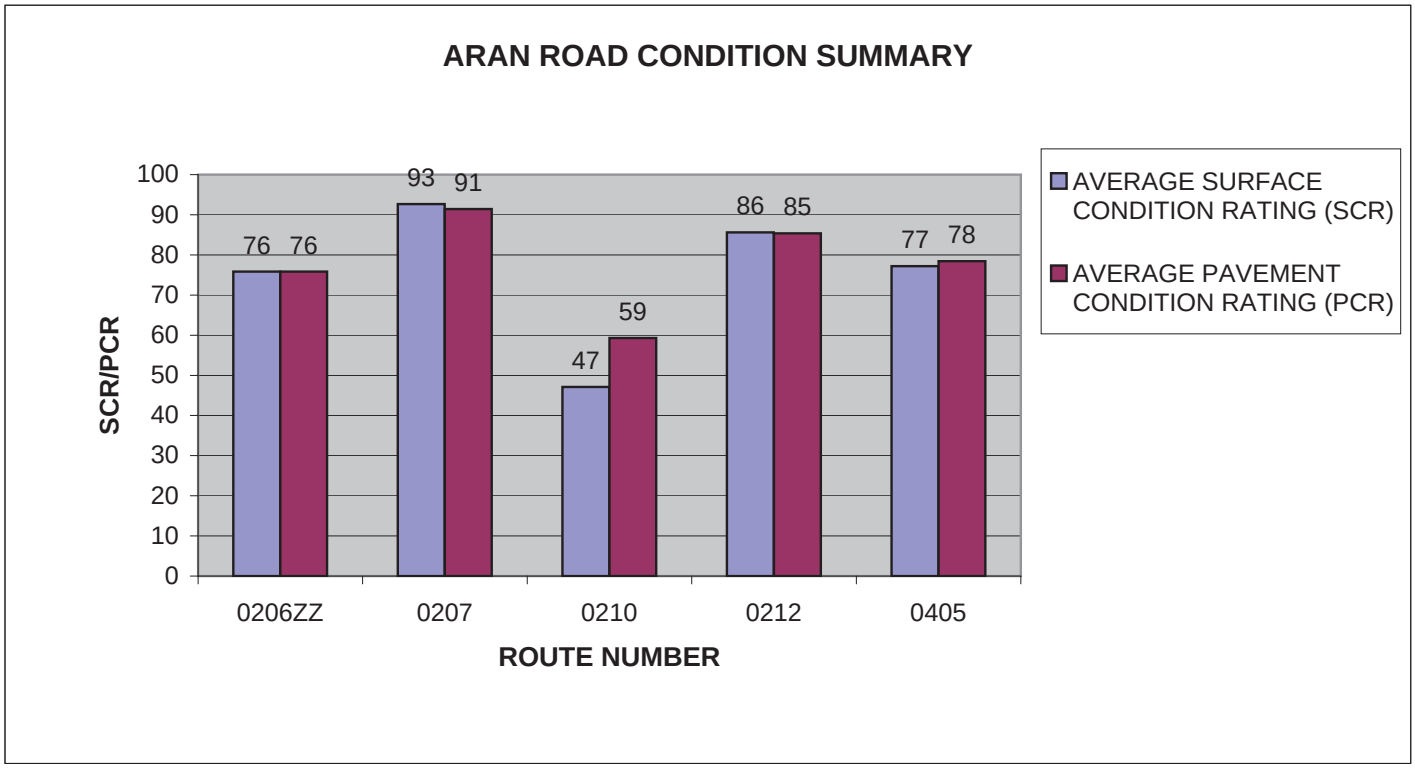
GUIS: ARAN ROAD CONDITION SUMMARY

ROUTE NUMBER	ROUTE NAME	FUNCT CLASS	ROUTE LENGTH	SURFACE TYPE	AVERAGE SURFACE CONDITION RATING (SCR)	AVERAGE PAVEMENT CONDITION RATING (PCR)
0017	GOLLOTT ROAD	1	0.6	ASPHALT	77	69
0100	LANGDON BEACH ACCESS ROAD	3	0.33	ASPHALT	61	70
0102	EAGLE POINT ROAD	1	0.21	ASPHALT	77	70
0103	BOAT LAUNCH ROAD	3	0.19	ASPHALT	66	67
0200	NATURE TRAIL ACCESS ROAD	3	0.15	ASPHALT	80	83



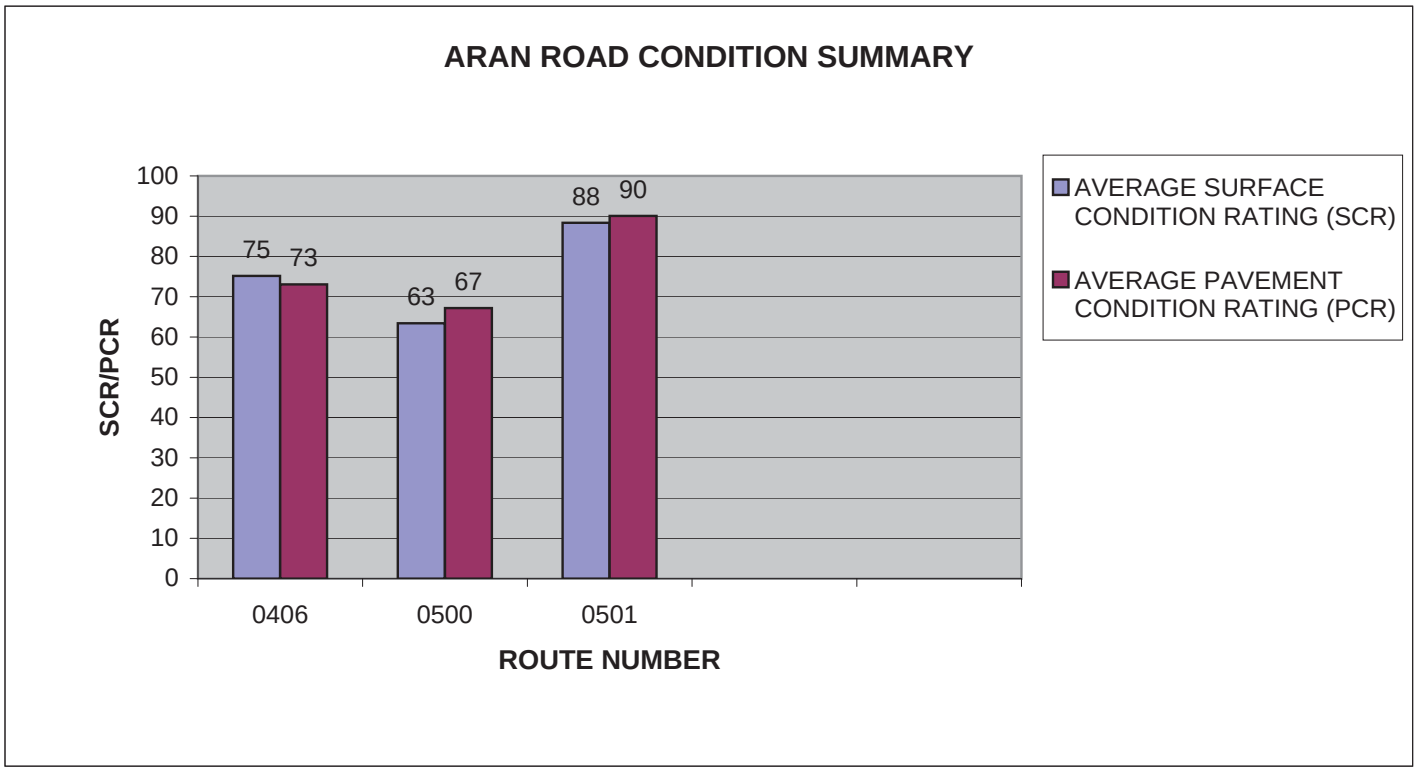
GUIS: ARAN ROAD CONDITION SUMMARY

ROUTE NUMBER	ROUTE NAME	FUNCT CLASS	ROUTE LENGTH	SURFACE TYPE	AVERAGE SURFACE CONDITION RATING (SCR)	AVERAGE PAVEMENT CONDITION RATING (PCR)
0206ZZ	DAVIS BAYOU CAMPGROUND LOOPS	3	0.43	ASPHALT	76	76
0207	HEADQUARTERS AND VISITOR CENTER ACCESS ROAD	3	0.44	ASPHALT	93	91
0210	NAVAL LIVE OAKS ROAD	3	0.4	ASPHALT	47	59
0212	OPAL BEACH ROAD	3	0.33	ASPHALT	86	85
0405	VFW ROAD	4	0.09	ASPHALT	77	78



GUIS: ARAN ROAD CONDITION SUMMARY

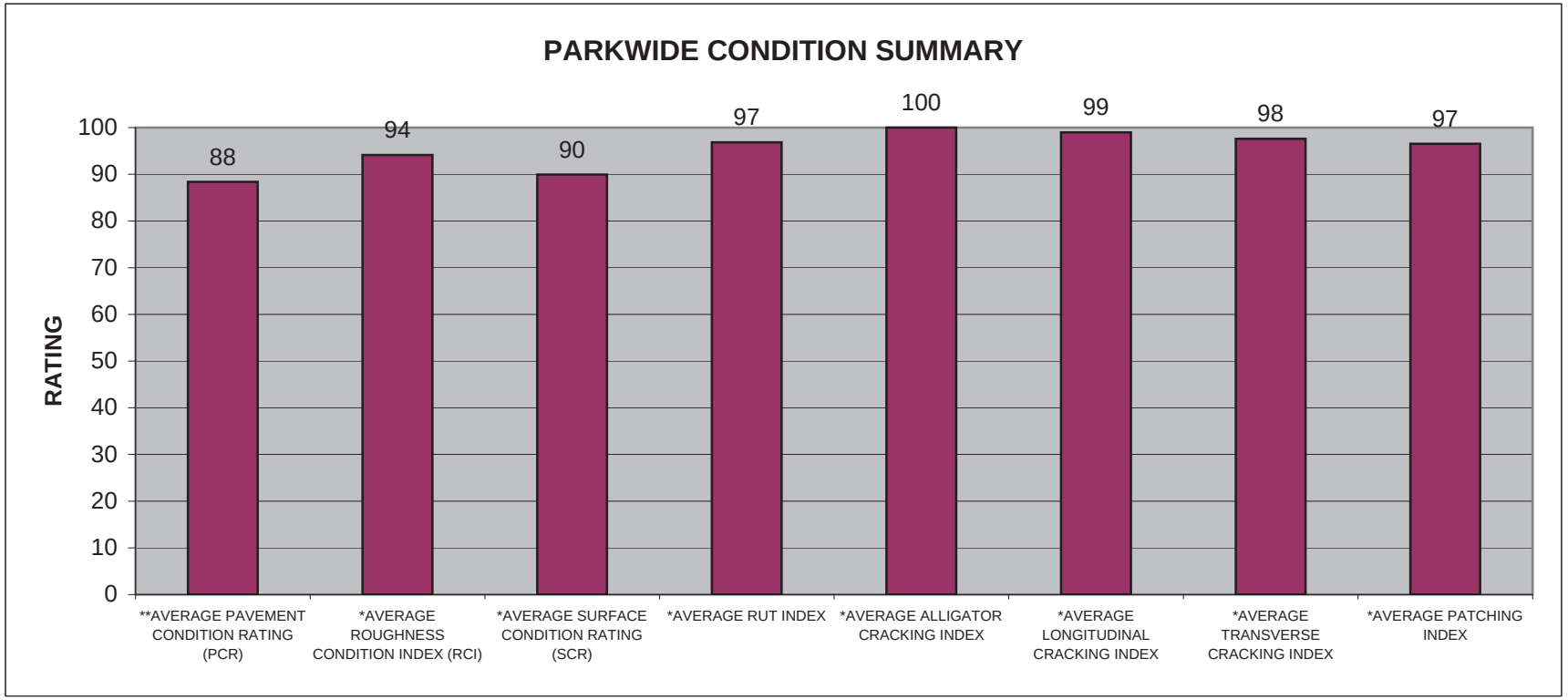
ROUTE NUMBER	ROUTE NAME	FUNCT CLASS	ROUTE LENGTH	SURFACE TYPE	AVERAGE SURFACE CONDITION RATING (SCR)	AVERAGE PAVEMENT CONDITION RATING (PCR)
0406	DAVIS BAYOU GOVERNMENT BOAT LAUNCH ROAD	5	0.13	ASPHALT	75	73
0500	FORT PICKENS LOOP ROAD	3	1.03	ASPHALT	63	67
0501	BATTERY 234 LOOP ROAD	3	0.62	ASPHALT	88	90



GUIS: PARKWIDE CONDITION SUMMARY

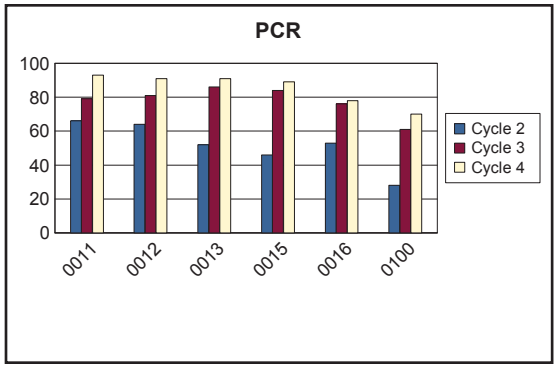
**AVERAGE PAVEMENT CONDITION RATING (PCR)	*AVERAGE ROUGHNESS CONDITION INDEX (RCI)	*AVERAGE SURFACE CONDITION RATING (SCR)	*AVERAGE RUT INDEX	*AVERAGE ALLIGATOR CRACKING INDEX	*AVERAGE LONGITUDINAL CRACKING INDEX	*AVERAGE TRANSVERSE CRACKING INDEX	*AVERAGE PATCHING INDEX
88	94	90	97	100	99	98	97

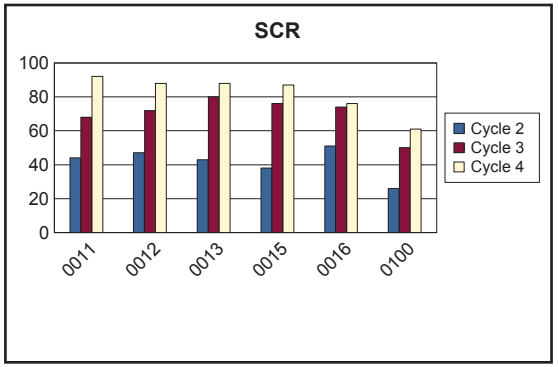
*** PCR Index is based on all ARAN-driven roads, parking areas, and manually rated routes.*
** Index values are based on ARAN-driven roads only.*

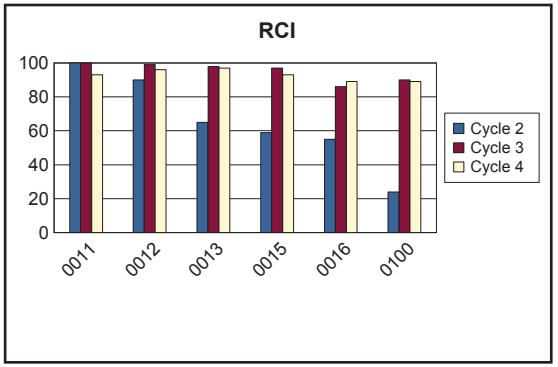


GUIS CYCLE 2 vs CYCLE 3 vs CYCLE 4 CONDITION COMPARISONS

				PAVEMENT CONDITION RATING (PCR)				SURFACE CONDITION RATING (SCR)				ROUGHNESS CONDITION INDEX (RCI)				
ROUTE NUMBER	PAVED MILES	FROM MILEPOST	TO MILEPOST	CYCLE 2	CYCLE 3	CYCLE 4	PERCENT CHANGE	CYCLE 2	CYCLE 3	CYCLE 4	PERCENT CHANGE	CYCLE 2	CYCLE 3	CYCLE 4	PERCENT CHANGE	COMMENT
0011	7.29	0.00	7.29	66	79	93	+18%	44	68	92	+35%	100	100	93	-7%	
0012	7.18	0.00	7.18	64	81	91	+12%	47	72	88	+22%	90	99	96	-3%	
0013	2.48	0.00	2.48	52	86	91	+6%	43	80	88	+10%	65	98	97	-1%	
0015	2.17	0.00	2.17	46	84	89	+6%	38	76	87	+14%	59	97	93	-4%	
0016	0.82	0.00	0.82	53	76	78	+3%	51	74	76	+3%	55	86	89	+3%	
0100	0.33	0.00	0.33	28	61	70	+15%	26	50	61	+22%	24	90	89	-1%	



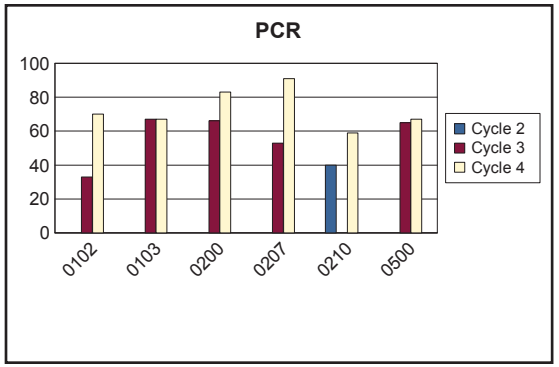


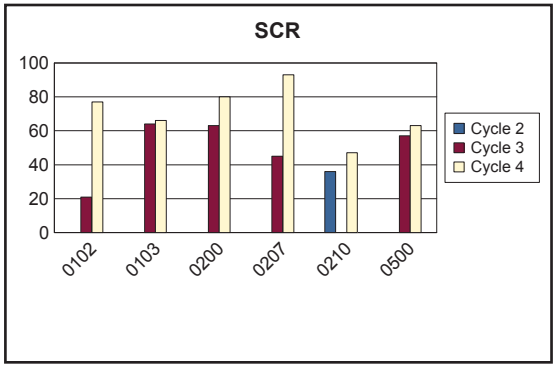


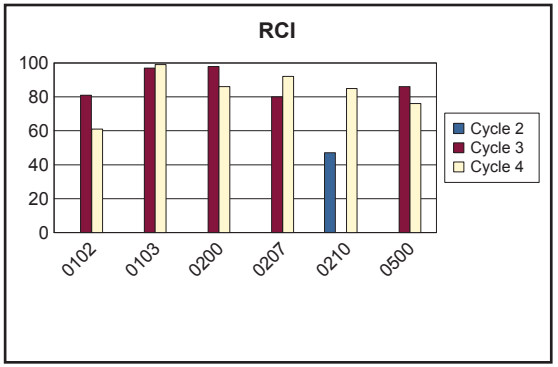
Cycle 4 Data Collected 6/4/2009 - 6/5/2009

GUIS CYCLE 2 vs CYCLE 3 vs CYCLE 4 CONDITION COMPARISONS

ROUTE NUMBER	PAVED MILES	FROM MILEPOST	TO MILEPOST	PAVEMENT CONDITION RATING (PCR)				SURFACE CONDITION RATING (SCR)				ROUGHNESS CONDITION INDEX (RCI)				COMMENT
				CYCLE 2	CYCLE 3	CYCLE 4	PERCENT CHANGE	CYCLE 2	CYCLE 3	CYCLE 4	PERCENT CHANGE	CYCLE 2	CYCLE 3	CYCLE 4	PERCENT CHANGE	
0102	0.21	0.00	0.21	N/A	33	70	+112%	N/A	21	77	+267%	N/A	81	61	-25%	
0103	0.19	0.00	0.19	N/A	67	67	0%	N/A	64	66	+3%	N/A	97	99	+2%	
0200	0.15	0.00	0.15	N/A	66	83	+26%	N/A	63	80	+27%	N/A	98	86	-12%	
0207	0.44	0.00	0.44	N/A	53	91	+72%	N/A	45	93	+107%	N/A	80	92	+15%	
0210	0.40	0.00	0.40	40	N/A	59	N/A	36	N/A	47	N/A	47	N/A	85	N/A	Manually Collected in Cycle 3.
0500	1.03	0.00	1.03	N/A	65	67	+3%	N/A	57	63	+11%	N/A	86	76	-12%	



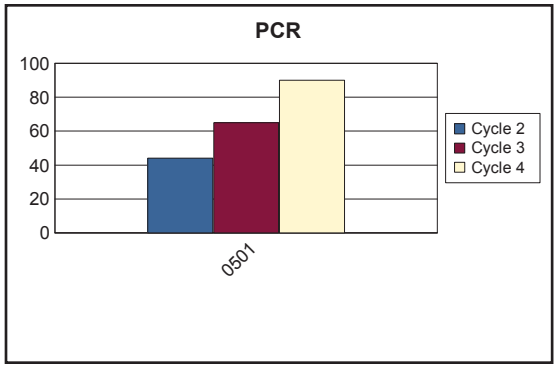


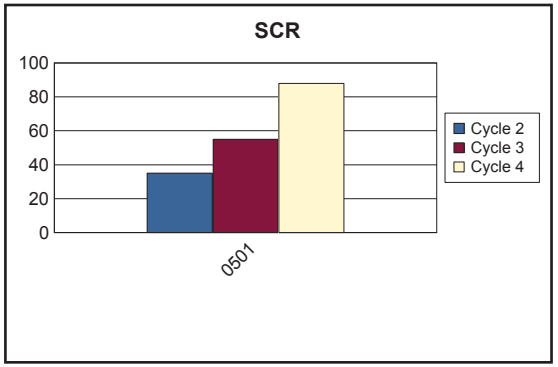


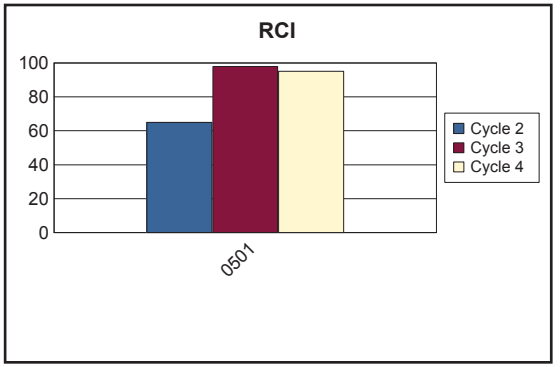
Cycle 4 Data Collected 6/4/2009 - 6/5/2009

GUIS CYCLE 2 vs CYCLE 3 vs CYCLE 4 CONDITION COMPARISONS

				PAVEMENT CONDITION RATING (PCR)				SURFACE CONDITION RATING (SCR)				ROUGHNESS CONDITION INDEX (RCI)				
ROUTE NUMBER	PAVED MILES	FROM MILEPOST	TO MILEPOST	CYCLE 2	CYCLE 3	CYCLE 4	PERCENT CHANGE	CYCLE 2	CYCLE 3	CYCLE 4	PERCENT CHANGE	CYCLE 2	CYCLE 3	CYCLE 4	PERCENT CHANGE	COMMENT
0501	0.62	0.00	0.62	44	65	90	+38%	35	55	88	+60%	65	98	95	-3%	





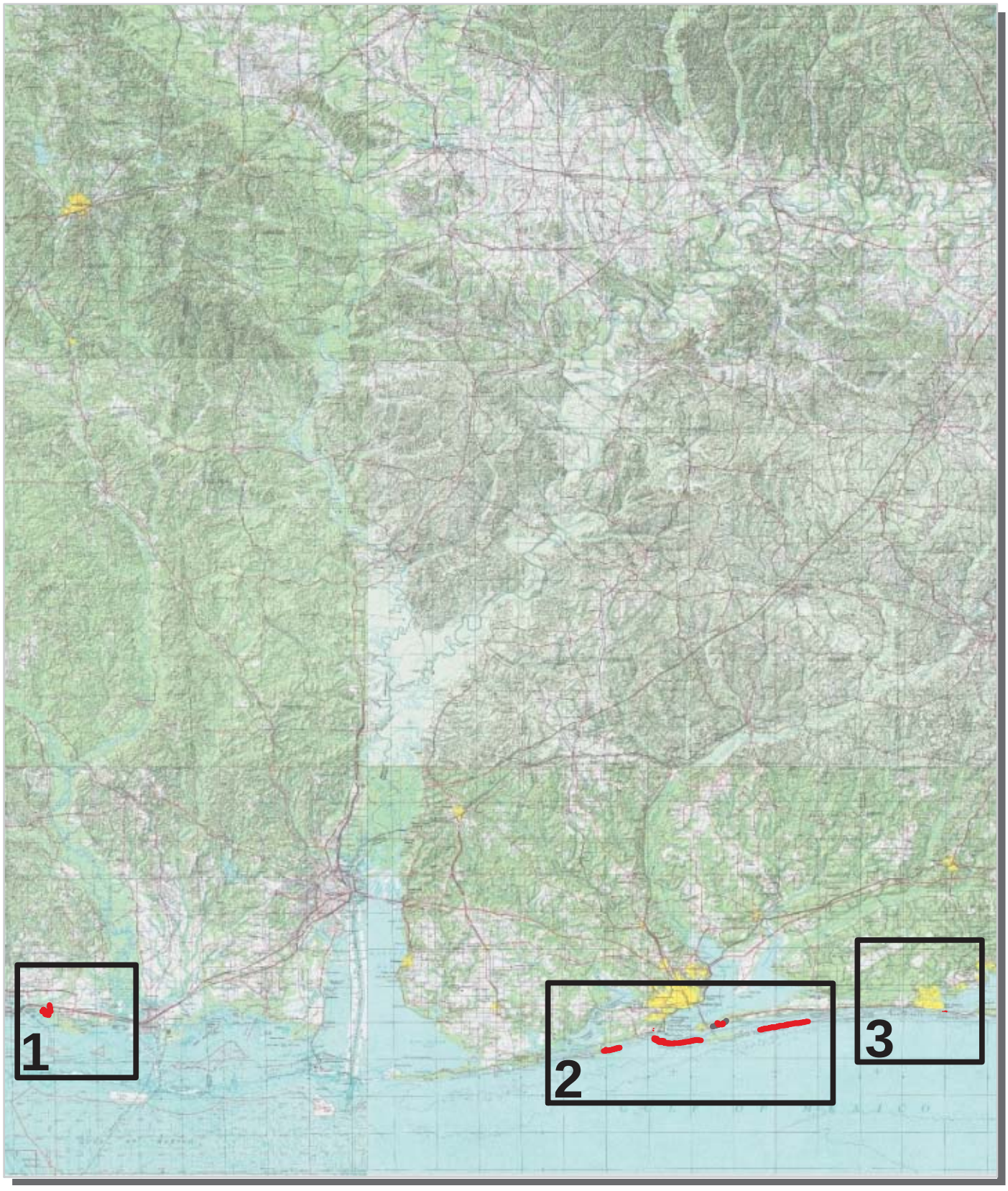


Cycle 4 Data Collected 6/4/2009 - 6/5/2009

Gulf Islands National Seashore

Section 3
Park Route Location / Condition Maps

Gulf Islands National Seashore
Route Location Map
Key Map

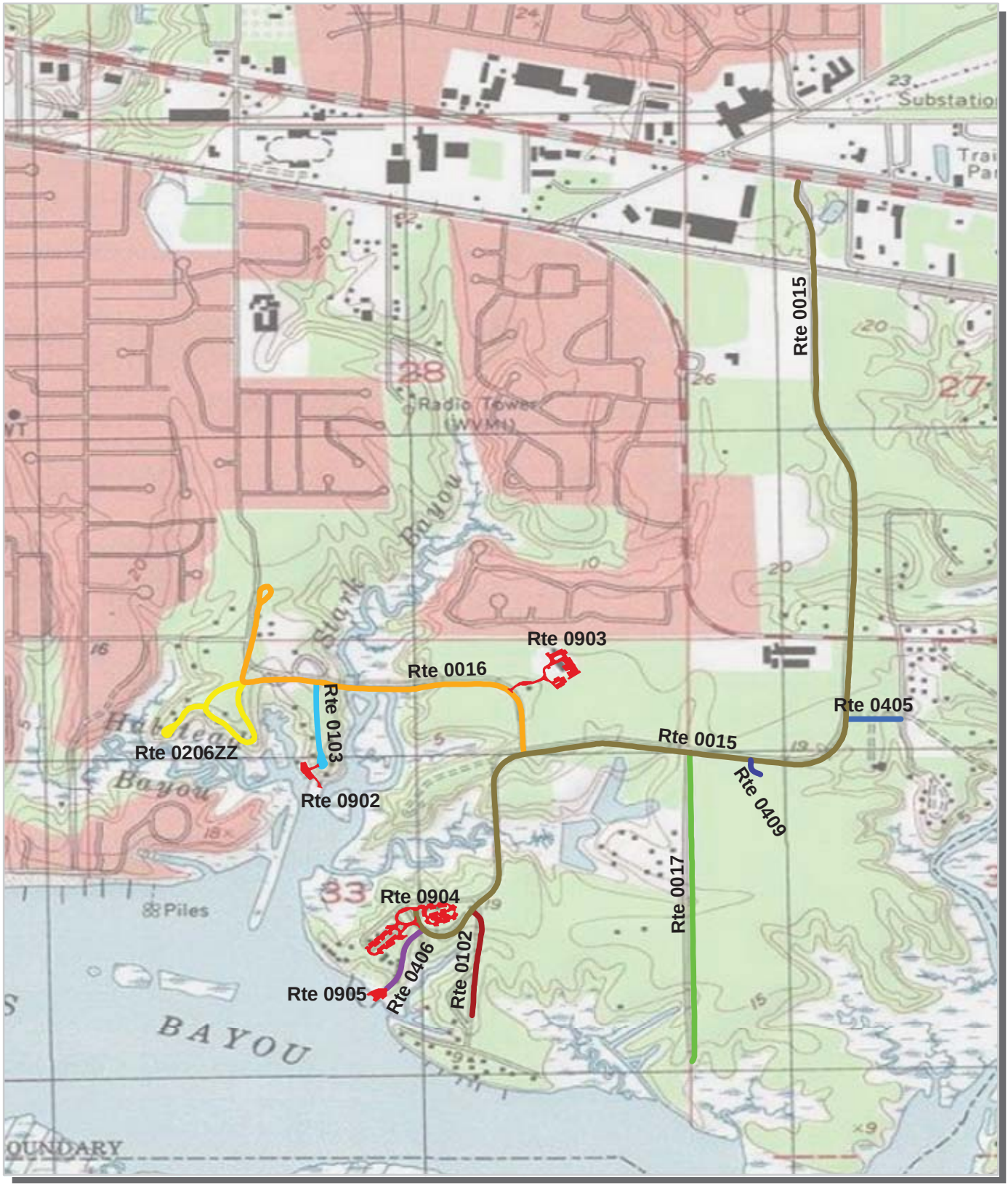


Park Owned Routes

25 12.5 0 25
Miles

N

Gulf Islands National Seashore
Route Location Map
Area 1



Unique colors used to differentiate routes

0.3 0.15 0 0.3
Miles

N

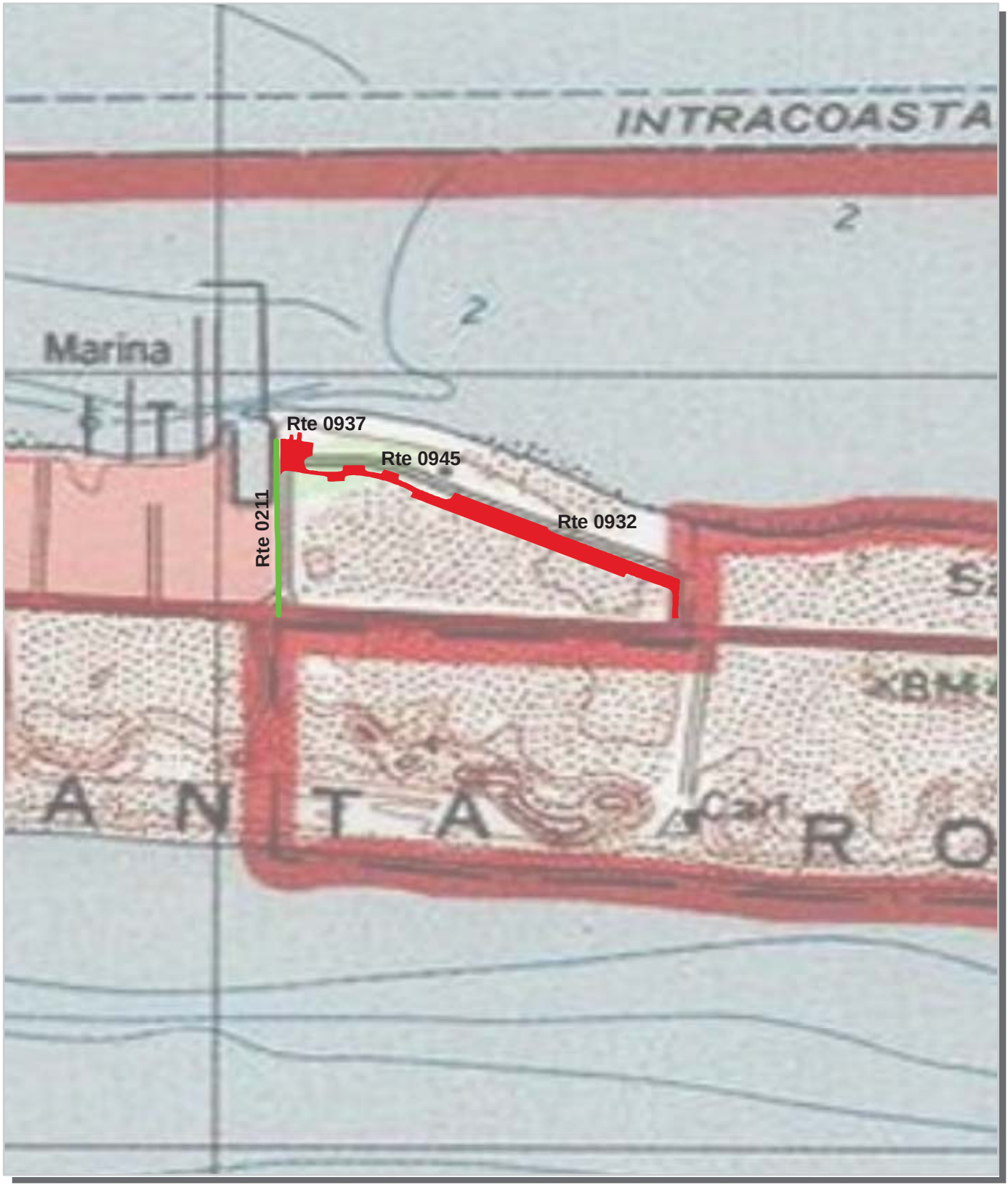
Gulf Islands National Seashore
Route Location Map
Area 2

Unique colors used to differentiate routes

5 2.5 0 5 Miles

N

Gulf Islands National Seashore
Route Location Map
Area 3

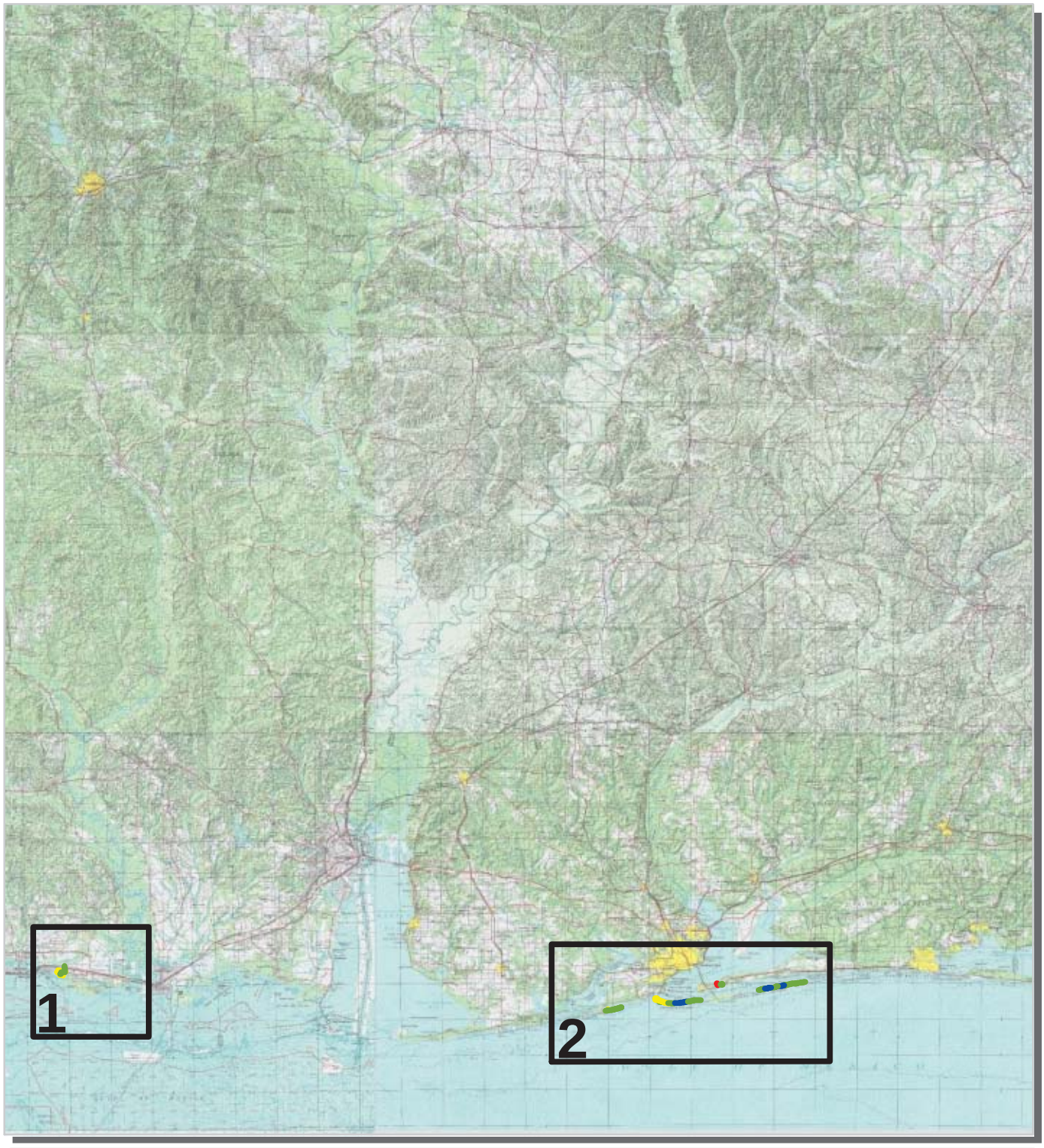


Unique colors used to differentiate routes

0.1 0.05 0 0.1
Miles

N

Gulf Islands National Seashore
Route Condition Map
PCR - Mile by Mile
Key Map



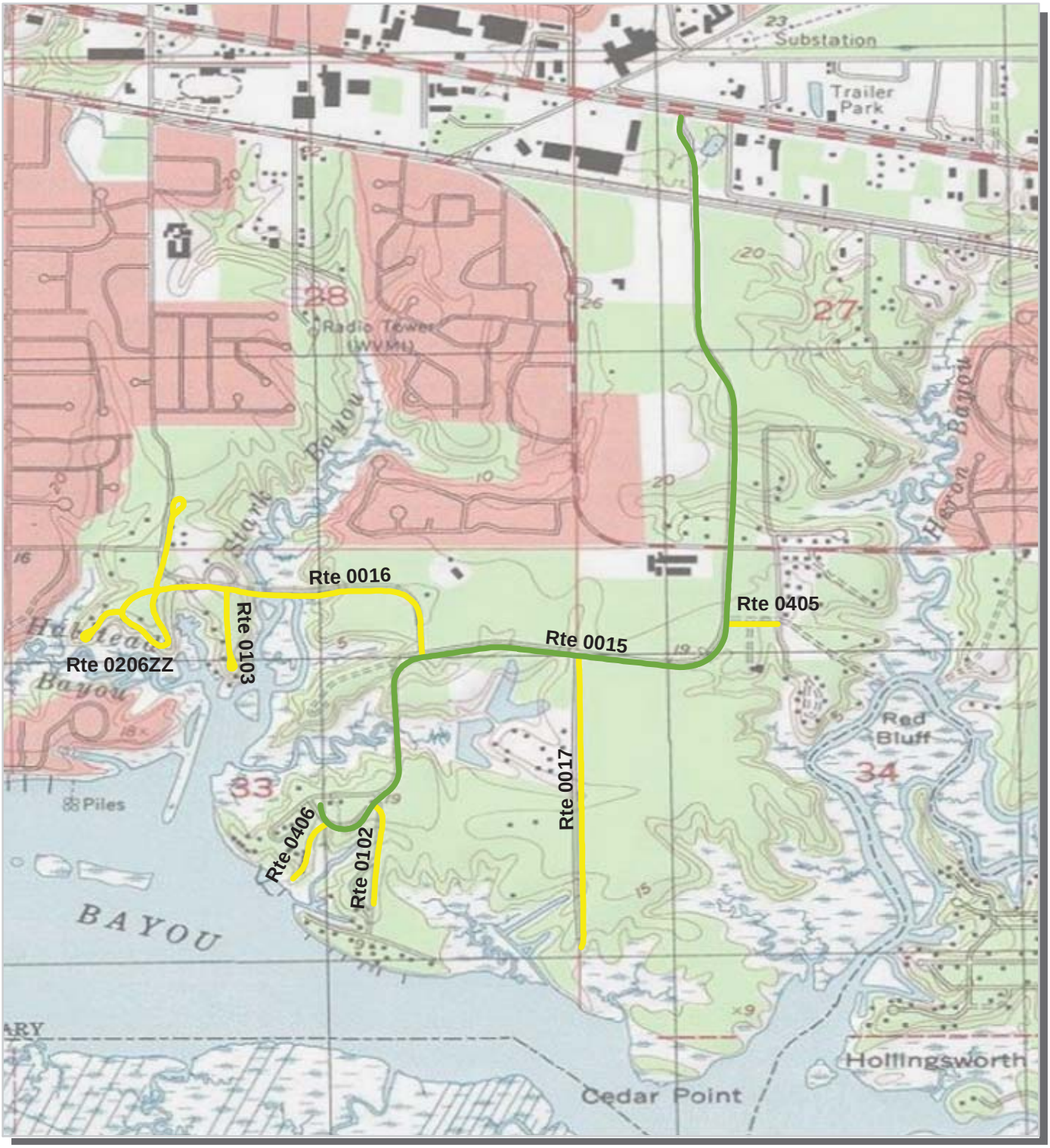
PCR Poor (<=60) Fair (61 - 84) Good (85 - 94) Excellent (95 - 100) No Data

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

30 15 0 30 Miles

N

Gulf Islands National Seashore
Route Condition Map
PCR - Mile by Mile
Area 1



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

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

0.3 0.15 0 0.3 Miles

N

Gulf Islands National Seashore
Route Condition Map
PCR - Mile by Mile
Area 2

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

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

6 3 0 6 Miles

N

Gulf Islands National Seashore

Section 4
Park Route Inventory

NPS/RIP Route ID Report

Shading Color Key:
Red text denotes approx. mileage

White = Paved Routes, ARAN Driven
Yellow = Unpaved Routes, ARAN not Driven
Blue = All Paved Parking Areas
Green = All Unpaved Parking Areas
Grey = Paved Routes, ARAN not Driven
Black = Paved State, Local or Private non-NPS Routes, ARAN Driven
= Concession Route Flag ON

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

GUIS

GULF ISLANDS NATIONAL SEASHORE

Rte. No.	FMSS No.	Concess Route	Route Name	Route Description From	Route Description To	Maint. District	Paved Miles	Un-Paved Miles	Total Route Length	Func. Class	Rte. Lanes	Manual Rated SQ/FT	Surf. Type	Area Maps
0011	59498		J. EARLE BOWDEN WAY / STATE ROUTE 399	FROM WEST PARK BOUNDARY ON U.S. HIGHWAY 399 (GULF BOULEVARD)	TO EAST PARK BOUNDARY ON U.S. HIGHWAY 399 (GULF BOULEVARD)	SANTA ROSA	7.290	0.000	7.290	1		0	AS	2
0012	59617		FORT PICKENS ROAD	FROM EAST PARK BOUNDARY ON FORT PICKENS ROAD	TO ROUTE 0500 (FORT PICKENS LOOP ROAD) ON LEFT AND RIGHT	FORT PICKENS	7.180	0.000	7.180	1		0	AS	2
0013	59556		JOHNSON BEACH ROAD	FROM PARK BOUNDARY ON JOHNSON BEACH ROAD	TO END OF LOOP	PERIDIDO KEY	2.480	0.000	2.480	1		0	AS	2
0015	59709		PARK ROAD	FROM STATE ROUTE 90 (BIENVILLE BOULEVARD)	TO ROUTE 0904 (DAVIS BAYOU VISITOR CENTER PARKING)	DAVIS BAYOU	2.170	0.000	2.170	1		0	AS	1
0016	71274		HANLEY ROAD	FROM ROUTE 0015 (PARK ROAD) AT MP 1.68	TO END OF LOOP	DAVIS BAYOU	0.820	0.000	0.820	1		0	AS	1
0017	113821		GOLLOTT ROAD	FROM ROUTE 0015 (PARK ROAD) AT MP 1.39	TO PARK BOUNDRY	DAVIS BAYOU	0.600	0.000	0.600	1		0	AS	1
0018	114390		PENSACOLA LIGHTHOUSE ENTRANCE ROAD	FROM RADFORD BOULEVARD	TO SHELL ROAD	NAVAL AIR STATION	0.000	0.400	0.400	1		0	GR	
0100	71280		LANGDON BEACH ACCESS ROAD	FROM ROUTE 0012 (FORT PICKENS ROAD) AT MP 5.01	TO ROUTE 0012 (FORT PICKENS ROAD) AT MP 4.76 (WEST TO EAST)	FORT PICKENS	0.330	0.000	0.330	3		0	AS	2
0102	71290		EAGLE POINT ROAD	FROM ROUTE 0015 (PARK ROAD) AT MP 2.02	TO SOUTH PARK BOUNDARY	DAVIS BAYOU	0.210	0.000	0.210	1		0	AS	1
0103	71295		BOAT LAUNCH ROAD	FROM ROUTE 0016 (HANLEY ROAD) AT MP 0.46	TO END OF LOOP	DAVIS BAYOU	0.190	0.000	0.190	3		0	AS	1
0200	72675		NATURE TRAIL ACCESS ROAD	FROM ROUTE 0013 (JOHNSON BEACH ROAD)	TO ROUTE 0935 (NATURE TRAIL PARKING)	PERIDIDO KEY	0.150	0.000	0.150	3		0	AS	2
0201	72738		FORT PICKENS CAMPGROUND LOOPS B-E	FROM ROUTE 0012 (FORT PICKENS ROAD) AT MP 5.76	THROUGH CAMPGROUND	FORT PICKENS	1.396	0.000	1.396	3		73,709	AS	2
0202	72742		FORT PICKENS CAMPGROUND LOOP A	FROM ROUTE 0012 (FORT PICKENS ROAD) AT MP 5.44	TO END OF LOOP	FORT PICKENS	0.381	0.000	0.381	3		20,117	AS	2
0205	81802		NAVAL LIVE OAK PRIMITIVE ACCESS ROAD	FROM US ROUTE 98	TO END OF ROUTE	NAVAL LIVE OAK	0.000	0.180	0.180	3		0	GR	
0206ZZ	72686		DAVIS BAYOU CAMPGROUND LOOPS	FROM ROUTE 0016 (HANLEY ROAD)	THROUGH CAMPGROUND	DAVIS BAYOU	0.430	0.000	0.430	3		0	AS	1
0207	72679		HEADQUARTERS AND VISITOR CENTER ACCESS ROAD	FROM ROUTE 5000 (US ROUTE 98) AT MP 1.34	TO ROUTE 5000 (US ROUTE 98) AT MP 1.6	NAVAL LIVE OAK	0.440	0.000	0.440	3		0	AS	2

NPS/RIP Route ID Report

Shading Color Key:
Red text denotes approx. mileage

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

GULF ISLANDS NATIONAL SEASHORE

Rte. No.	FMSS No.	Concess Route	Route Name	Route Description From	Route Description To	Maint. District	Paved Miles	Un-Paved Miles	Total Route Length	Func. Class	Rte. Lanes	Manual Rated SQ/FT	Surf. Type	Area Maps
0210	56650		NAVAL LIVE OAKS ROAD	FROM ROUTE 5000 (US ROUTE 98) AT MP 0.89	TO ROUTE 0922 (NAVAL LIVE OAKS GROUP CAMPGROUND PARKING)	NAVAL LIVE OAK	0.400	0.000	0.400	3		0	AS	2
0211	59042		OKALOOSA WEST ACCESS ROAD	FROM US ROUTE 98 (MIRACLE STRIP PARKWAY)	TO DEAD END AND ROUTE 0937 ON RIGHT	OKALOOSA	0.140	0.000	0.140	3		12,566	AS	3
0212	116836		OPAL BEACH ROAD	FROM ROUTE 0011 (J. EARLE BOWDEN WAY / STATE ROUTE 399) AT MP 4.31	TO ROUTE 0928 (OPAL BEACH PARKING #5)	SANTA ROSA	0.330	0.000	0.330	3		0	AS	2
0400	104213		YACC ACCESS ROAD	FROM LANGDON PICNIC ACCESS	TO END OF PARKING AREA	FORT PICKENS	0.000	0.175	0.175	4		0	GR	
0401	102968		FORT PICKENS DISTRICT OFFICE ROAD	FROM ROUTE 0012 (FORT PICKENS ROAD) AT MP 7.12, LEFT	TO END OF PAVEMENT	FORT PICKENS	0.116	0.000	0.116	5		7,350	AS	2
0402	102969		FORT PICKENS SERVICE ROAD	FROM ROUTE 0012 (FORT PICKENS ROAD) AT MP 7.11, RIGHT	TO ROUTE 0500 (FORT PICKENS LOOP ROAD) AT MP 0.38	FORT PICKENS	0.144	0.000	0.144	5		9,124	AS	2
0405	72684		VFW ROAD	FROM ROUTE 0015 (PARK ROAD) AT MP 1.07	TO PARK BOUNDARY AT T-INTERSECTION KNAPP ROAD (NON-NPS)	DAVIS BAYOU	0.090	0.000	0.090	4		0	AS	1
0406	113828		DAVIS BAYOU GOVERNMENT BOAT LAUNCH ROAD	FROM ROUTE 0015 (PARK ROAD) AT MP 2.13	TO ROUTE 0905 (GOVERNMENT BOAT LAUNCH PARKING)	DAVIS BAYOU	0.130	0.000	0.130	5		0	AS	1
0407	72681		FORT PICKENS YCC ACCESS ROAD (CARPENTER SHOP ROAD)	FROM ROUTE 0400 (YACC ACCESS ROAD)	TO CARPENTER SHOP	FORT PICKENS	0.000	0.180	0.180	5		0	GR	
0408	81801		FORT PICKENS GROUP CAMPING ACCESS ROAD	FROM ROUTE 0012 (FORT PICKENS ROAD)	TO FORT PICKENS GROUP CAMP AREA	FORT PICKENS	0.000	0.150	0.150	5		0	GR	
0409	227905		CEDAR POINT CAMPUS ROAD	FROM ROUTE 0015 (PARK ROAD)	TO END OF PAVEMENT	DAVIS BAYOU	0.037	0.000	0.037	6		2,735	AS	1
0500	72128		FORT PICKENS LOOP ROAD	FROM ROUTE 0012 (FORT PICKENS ROAD) AT MP 6.98 (EAST SIDE)	TO ROUTE 0012 (FORT PICKENS ROAD) AT MP 6.98 (WEST SIDE)	FORT PICKENS	1.030	0.000	1.030	3		0	AS	2
0501	72683		BATTERY 234 LOOP ROAD	FROM ROUTE 0012 (FORT PICKENS ROAD) AT MP 6.46	TO ROUTE 0012 (FORT PICKENS ROAD) AT MP 6.03	FORT PICKENS	0.620	0.000	0.620	3		0	AS	2
0902	72695		DAVIS BAYOU BOAT DOCK PARKING	FROM END OF ROUTE 0103 (BOAT LAUNCH ROAD)	TO PARKING	DAVIS BAYOU	0.000	0.000	0.000			13,722	AS	1
0903	72700		DAVIS BAYOU MAINTENANCE PARKING	FROM ROUTE 0016 (HANLEY ROAD)	TO PARKING	DAVIS BAYOU	0.000	0.000	0.000			51,498	AS	1

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GUIS

GULF ISLANDS NATIONAL SEASHORE

Rte. No.	FMSS No.	Concess Route	Route Name	Route Description From	Route Description To	Maint. District	Paved Miles	Un-Paved Miles	Total Route Length	Func. Class	Rte. Lanes	Manual Rated SQ/FT	Surf. Type	Area Maps
0904	72702		DAVIS BAYOU VISITOR CENTER PARKING	FROM END OF ROUTE 0015 (PARK ROAD) ON LEFT AND RIGHT	TO PARKING	DAVIS BAYOU	0.000	0.000	0.000			88,445	AS	1
0905	72704		GOVERNMENT BOAT LAUNCH PARKING	FROM END OF ROUTE 0406 (DAVIS BAYOU GOVERNMENT BOAT LAUNCH ROAD)	TO BOAT DOCK	DAVIS BAYOU	0.000	0.000	0.000			13,060	AS	1
0906	72706		JOHNSON BEACH ACCESS PARKING	FROM INTERSECTION OF ROUTE 0013 (JOHNSON BEACH ROAD) AND ROUTE 0200 (NATURE TRAIL ACCESS ROAD)	TO PARKING	PERIDIDO KEY	0.000	0.000	0.000			153,044	AS	2
0907ZZ	72708		FORT PICKENS DISTRICT PARKING LOTS	FROM ROUTE 0012 (FORT PICKENS ROAD) ON LEFT AND RIGHT	TO ROUTE 0500 (FORT PICKENS LOOP ROAD)	FORT PICKENS	0.000	0.000	0.000			22,500	AS	2
0908	72710		FORT PARKING	ADJACENT TO ROUTE 0500 (FORT PICKENS LOOP ROAD)		FORT PICKENS	0.000	0.000	0.000			38,040	AS	2
0909	72711		BATTERY TRUMAN PARKING	ADJACENT TO ROUTE 0500 (FORT PICKENS LOOP ROAD)		FORT PICKENS	0.000	0.000	0.000			3,349	AS	2
0910	72714		JETTIES RESTROOM PARKING	ADJACENT TO ROUTE 0500 (FORT PICKENS LOOP ROAD)		FORT PICKENS	0.000	0.000	0.000			2,582	AS	2
0911	72717		BATTERY PAYNE PARKING	ADJACENT TO ROUTE 0500 (FORT PICKENS LOOP ROAD)		FORT PICKENS	0.000	0.000	0.000			3,840	AS	2
0912	72720		GRAVES PARKING	FROM ROUTE 0012 (FORT PICKENS ROAD) AT MP 6.43	TO ROUTE 0012 (FORT PICKENS ROAD)	FORT PICKENS	0.000	0.000	0.000			5,206	AS	2
0913	72722		BATTERY 234 PARKING	ADJACENT TO ROUTE 0501 (BATTERY 234 LOOP ROAD)		FORT PICKENS	0.000	0.000	0.000			3,604	AS	2
0914	72728		BATTERY COOPER PARKING	ADJACENT TO ROUTE 0501 (BATTERY 234 LOOP ROAD)		FORT PICKENS	0.000	0.000	0.000			3,353	AS	2
0915	72731		BATTERY WORTH PICNIC AREA PARKING	FROM ROUTE 0012 (FORT PICKENS ROAD) AT MP 6.01 ON RIGHT	TO PARKING	FORT PICKENS	0.000	0.000	0.000			76,862	AS	2
0916	79900		CAMPGROUND STORE PARKING	ADJACENT TO ROUTE 0012 (FORT PICKENS ROAD) AND ROUTE 0201 (FORT PICKENS CAMPGROUND LOOPS B-E)		FORT PICKENS	0.000	0.000	0.000			12,371	AS	2
0918ZZ	72745		LANGDON BEACH PARKING LOTS	ADJACENT TO ROUTE 0100 (LANGDON BEACH ACCESS ROAD) ON LEFT AND RIGHT		FORT PICKENS	0.000	0.000	0.000			23,051	AS	2

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GUIS

GULF ISLANDS NATIONAL SEASHORE

Rte. No.	FMSS No.	Concess Route	Route Name	Route Description From	Route Description To	Maint. District	Paved Miles	Un-Paved Miles	Total Route Length	Func. Class	Rte. Lanes	Manual Rated SQ/FT	Surf. Type	Area Maps
0919	72748		CAMPGROUND REGISTRATION/ RANGER STATION COMPLEX PARKING	FROM ROUTE 0012 (FORT PICKENS ROAD) AT MP 4.54	TO PARKING	FORT PICKENS	0.000	0.000	0.000			41,832	AS	2
0920	72756		PUBLIC BEACH PARKING #22	FROM ROUTE 0012 (FORT PICKENS ROAD) AT MP 3.58	TO ROUTE 0012 (FORT PICKENS ROAD)	FORT PICKENS	0.000	0.000	0.000			21,443	AS	2
0921	72766		PUBLIC BEACH PARKING #21	FROM ROUTE 0012 (FORT PICKENS ROAD) AT MP 1.66	TO ROUTE 0012 (FORT PICKENS ROAD)	FORT PICKENS	0.000	0.000	0.000			21,605	AS	2
0922	72773		NAVAL LIVE OAKS GROUP CAMPGROUND PARKING	FROM END OF ROUTE 0210 (NAVAL LIVE OAKS ROAD)	TO PARKING	NAVAL LIVE OAK	0.000	0.000	0.000			13,814	AS	2
0923	72781		NAVAL LIVE OAKS NORTH PARKING	FROM ROUTE 0210 (NAVAL LIVE OAKS ROAD)	TO ROUTE 0924 (NAVAL LIVE OAKS MAINTENANCE COMPLEX PARKING)	NAVAL LIVE OAK	0.000	0.000	0.000			18,811	AS	2
0924	72783		NAVAL LIVE OAKS MAINTENANCE COMPLEX PARKING	FROM ROUTE 0923 (NAVAL LIVE OAKS NORTH PARKING)	TO PARKING	NAVAL LIVE OAK	0.000	0.000	0.000			48,566	AS	2
0925ZZ	72784		HEADQUARTERS & VISITORS CENTER PARKING LOTS	ADJACENT TO ROUTE 0207 (HEADQUARTERS AND VISITOR CENTER ACCESS ROAD) ON LEFT AND RIGHT		NAVAL LIVE OAK	0.000	0.000	0.000			56,716	AS	2
0926	72786		PUBLIC PARKING #8	FROM ROUTE 0011 (J. EARLE BOWDEN WAY / STATE ROUTE 399) AT MP 1.86	TO ROUTE 0011 (J. EARLE BOWDEN WAY / STATE ROUTE 399)	SANTA ROSA	0.000	0.000	0.000			26,374	AS	2
0927	72787		PUBLIC PARKING #7	FROM ROUTE 0011 (J. EARLE BOWDEN WAY / STATE ROUTE 399) AT MP 2.66	TO ROUTE 0011 (J. EARLE BOWDEN WAY / STATE ROUTE 399)	SANTA ROSA	0.000	0.000	0.000			32,432	AS	2
0928	72789		OPAL BEACH PARKING #5	FROM END OF ROUTE 0212 (OPAL BEACH ROAD)	TO PARKING	SANTA ROSA	0.000	0.000	0.000			45,426	AS	2
0929	72791		PUBLIC PARKING #6	FROM ROUTE 0011 (J. EARLE BOWDEN WAY / STATE ROUTE 399) AT MP 4.23	TO PARKING	SANTA ROSA	0.000	0.000	0.000			25,283	AS	2
0930	72793		OPAL BEACH PARKING #2 EAST	FROM ROUTE 0212 (OPAL BEACH ROAD)	TO PARKING	SANTA ROSA	0.000	0.000	0.000			49,259	AS	2
0931	72795		PUBLIC PARKING #1	FROM ROUTE 0011 (J. EARLE BOWDEN WAY / STATE ROUTE 399) AT MP 6.00	TO ROUTE 0011 (J. EARLE BOWDEN WAY / STATE ROUTE 399)	SANTA ROSA	0.000	0.000	0.000			24,626	AS	2
0932	72796		FORT WALTON BEACH PARKING	FROM US ROUTE 98 (MIRACLE STRIP PARKWAY)	TO ROUTE 0945 (OKALOOSA PICNIC AREA PARKING)	OKALOOSA	0.000	0.000	0.000			69,845	AS	3
0933	102988		BATTERY LANGDON PARKING	ADJACENT TO ROUTE 0012 (FORT PICKENS ROAD) AT MP 4.94		FORT PICKENS	0.000	0.000	0.000			7,136	AS	2

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GUIS

GULF ISLANDS NATIONAL SEASHORE

Rte. No.	FMSS No.	Concess Route	Route Name	Route Description From	Route Description To	Maint. District	Paved Miles	Un-Paved Miles	Total Route Length	Func. Class	Rte. Lanes	Manual Rated SQ/FT	Surf. Type	Area Maps
0934	102993		OPAL BEACH COMPLEX PARKING	FROM ROUTE 0212 (OPAL BEACH ROAD)	TO PARKING	SANTA ROSA	0.000	0.000	0.000			3,369	AS	2
0935	59589		NATURE TRAIL PARKING	FROM END OF ROUTE 0200 (NATURE TRAIL ACCESS ROAD)	TO PARKING	PERIDIDO KEY	0.000	0.000	0.000			9,072	AS	2
0936	105924		DAVIS BAYOU PRIMITIVE CAMPGROUND PARKING	ADJACENT TO ROUTE 0016 (HANLEY ROAD)		DAVIS BAYOU	0.000	0.000	0.000			8,800	GR	
0937	113842		OKALOOSA BOAT LAUNCH PARKING	FROM ROUTE 0945 (OKALOOSA PICNIC AREA PARKING)	TO ROUTE 0211 (OKALOOSA WEST ACCESS ROAD)	OKALOOSA	0.000	0.000	0.000			15,155	AS	3
0938	59057		FORT BARRANCAS PARKING	FROM TAYLOR ROAD	TO PARKING	NAVAL AIR STATION	0.000	0.000	0.000			21,699	AS	2
0939	101820		FP DUNE NATURE TRAIL PARKING	FROM	TO	FORT PICKENS	0.000	0.000	0.000			3,000	GR	
0940	114391		LIGHTHOUSE PARKING	FROM TAYLOR ROAD	TO PARKING	PENSACOLA LIGHTHOUSE	0.000	0.000	0.000			8,000	GR	
0941	108369		ADVANCE REDOUBT PARKING	FROM TAYLOR ROAD	TO PARKING	NAVAL AIR STATION	0.000	0.000	0.000			20,951	AS	2
0942	106121		DB NATURE'S WAY TRAIL ROADSIDE PARKING	ADJACENT TO ROUTE 0016 (HANLEY ROAD)		DAVIS BAYOU	0.000	0.000	0.000			3,040	GR	
0943	106120		DB HANLEY ROAD CIRCLE PICNIC AREA PARKING	ADJACENT TO ROUTE 0016 (HANLEY ROAD)		DAVIS BAYOU	0.000	0.000	0.000			4,608	GR	
0944	106119		DB PICNIC AREA PARKING	ADJACENT TO ROUTE 0016 (HANLEY ROAD)		DAVIS BAYOU	0.000	0.000	0.000			9,900	GR	
0945	113843		OKALOOSA PICNIC AREA PARKING	FROM ROUTE 0932 (FORT WALTON BEACH PARKING)	TO ROUTE 0937 (OKALOOSA BOAT LAUNCH PARKING)	OKALOOSA	0.000	0.000	0.000			10,682	AS	3
0946	105925		DB PICNIC SHELTER #1 PARKING	ADJACENT TO ROUTE 0016 (HANLEY ROAD)		DAVIS BAYOU	0.000	0.000	0.000			12,800	GR	
0947	105926		DB PICNIC SHELTER #2 PARKING	ADJACENT TO ROUTE 0016 (HANLEY ROAD)		DAVIS BAYOU	0.000	0.000	0.000			5,400	GR	
0948	105928		DB PICNIC SHELTER #3 PARKING	ADJACENT TO ROUTE 0016 (HANLEY ROAD)		DAVIS BAYOU	0.000	0.000	0.000			3,640	GR	
0949	105929		DB PICNIC SHELTER #4 PARKING	ADJACENT TO ROUTE 0016 (HANLEY ROAD)		DAVIS BAYOU	0.000	0.000	0.000			1,296	GR	
0950	106116		DB PICNIC SHELTER #3 OVERFLOW PARKING #1	FROM ROUTE 0948 (DB PICNIC SHELTER #3 PARKING)	TO PARKING	DAVIS BAYOU	0.000	0.000	0.000			3,125	GR	

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GUIS

GULF ISLANDS NATIONAL SEASHORE

Rte. No.	FMSS No.	Concess Route	Route Name	Route Description From	Route Description To	Maint. District	Paved Miles	Un-Paved Miles	Total Route Length	Func. Class	Rte. Lanes	Manual Rated SQ/FT	Surf. Type	Area Maps
0951	106117		DB PICNIC SHELTER #3 OVERFLOW PARKING #2	FROM ROUTE 0950 (DB PICNIC SHELTER #3 OVERFLOW PARKING #1)	TO PARKING	DAVIS BAYOU	0.000	0.000	0.000			2,210	GR	
0952	106118		DB PICNIC SHELTER #4 OVERFLOW PARKING	FROM ROUTE 0949 (DB PICNIC SHELTER #4 PARKING)	TO PARKING	DAVIS BAYOU	0.000	0.000	0.000			2,160	GR	
0953	105930		DB RAMP RESTROOM/PICNIC SHELTER #5 PARKING	ADJACENT TO ROUTE 0016 (HANLEY ROAD)		DAVIS BAYOU	0.000	0.000	0.000			1,500	GR	
0954	116835		OPAL BEACH PARKING #4 WEST	FROM ROUTE 0212 (OPAL BEACH ROAD) AT MP 0.24 ON LEFT	TO PARKING	SANTA ROSA	0.000	0.000	0.000			40,803	AS	2
0955	59515		OPAL BEACH PARKING #3 EAST	FROM ROUTE 0212 (OPAL BEACH ROAD) AT MP 0.10 ON LEFT	TO PARKING	SANTA ROSA	0.000	0.000	0.000			39,530	AS	2
5000	N/A		US ROUTE 98	FROM WEST PARK BOUNDARY ON HIGHWAY 98 (GULF BREEZE PARKWAY)	TO EAST PARK BOUNDARY ON HIGHWAY 98 (GULF BREEZE PARKWAY)	N/A	2.330	0.000	2.330	0		0	AS	2

SUMMARY TOTALS FOR GULF ISLANDS NATIONAL SEASHORE

ROUTE TOTALS

ARAN Driven Route Miles	24.890
All Paved Route Miles	27.534
All Unpaved Route Miles	1.085
TOTAL PARK ROUTE MILES	28.619
All Manually Rated Roads (SQFT)	125,601

LANE MILE TOTALS

ARAN Driven Lane Miles	60.249
Paved Parking Lane Miles	20.299
Paved MRR Lane Miles	2.163
TOTAL PAVED LANE MILES	82.711

CONCESSION TOTALS

Concession Paved Route Miles	0.000
Concession Unpaved Route Miles	0.000
Concession Paved Parking Area SQFT	0
Concession Unpaved Parking Area SQFT	0
Concession Paved MRR SQFT	0

PARKING AREA TOTALS

All Paved Parking (SQFT)	1,178,958
All Unpaved Parking (SQFT)	69,479
TOTAL ALL PARKING (SQFT)	1,248,437

WEIGHTED AVERAGE PARK VALUES

PCR (Rating)	SCR (Rating)	RCI (Rating)	RUT (Index)	AC (Index)	LC (Index)	TC (Index)	PATCH (Index)	PCR (Concession)
88.38	89.93	94.13	96.86	99.99	98.96	97.60	96.52	N/A

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General Park Road Functional Classification Table

Class 1 Principal Park Road/Rural Parkway (Public Roads) Roads which constitute the main access route, circulatory tour, or thoroughfare for park visitors. Route Numbers 1 - 99. Note: Rural parkways (e.g. Natchez Trace) are numbered 1 - 9. State Routes Inventoried for Park. Route Numbers 5000-5999

Class 2 Connector Park Road (Public Roads) - Roads which provide access within a park to areas of scenic, scientific, recreational or cultural interest, such as overlooks, campgrounds, etc. Route Numbers 100-199.

Class 3 Special Purpose Park Road (Public Roads) - Roads which provide circulation within public areas, such as campgrounds, picnic areas, visitor center complexes, concessionaire facilities, etc. These roads generally serve low-speed traffic and are often designed for one-way circulation. Route Numbers 200-299.

Class 4 Primitive Park Roads (Public Roads) - Roads which provide circulation through remote areas and/or access to primitive campgrounds and undeveloped areas. These roads frequently have no minimum design standards and their use may be limited to specially equipped vehicles. Route Numbers 200-299.
Note: Functional Classes 3 and 4 have the same route numbers because, historically, they were numbered similarly.

Class 5 Administrative Access Road (Administrative Roads) - All public roads intended for access to administrative developments or structures such as park offices, employee quarters, or utility areas. Route Numbers 400-499.

Class 6 Restricted Road (Administrative Roads) - All roads normally closed to the public, including patrol roads, truck trails, and other similar roads. Route Numbers 400-499.
Note: Functional Classes 5 and 6 have the same route numbers because historically they were numbered similarly and often there is little distinction between these routes. For example, because utility areas and employee housing are often closed to the public, this restriction would result in classification of FC 6 rather than FC 5.

Class 7 Urban Parkway (Urban Parkways and City Streets) - These facilities serve high volumes of park and non-park related traffic and are restricted, limited-access facilities in an urban area. This category of roads primarily encompasses the major parkways which serve as gateways to our nation's capital. Other major park roads or portions thereof, however, may be included in this category. Route Numbers 1-9.

Class 8 City Streets (Urban Parkways and City Streets) - City streets are usually extensions of the adjoining street system that are owned and maintained by the National Park Service. The construction and/or reconstruction should conform with accepted local engineering practice and local conditions. Route Numbers 600-699.

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

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

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

Surface Type Abbreviations:

AS - Asphaltic Concrete Pavement

CO - Portland Cement Concrete Pavement

BR - Brick or Pavers Road Bed

CB - Cobble Stone Road Bed

GR - Gravel Road Bed

SA - Sand Road Bed

NV - Native or Dirt Material Road Bed

OT - Other Materials Road Bed

NPS/RIP Subcomponent Details for GUIS

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GUIS

GULF ISLANDS NATIONAL SEASHORE

Asset Entered in FMSS System

Rte. No.	FMSS No.	Sub Comp	Route Name	Route Description From	Route Description To	Concess Route	Func. Class	Paved Miles	Un-Paved Miles	Total Route Length	Manual Rated SQ/FT
0206ZZ	72686		DAVIS BAYOU CAMPGROUND LOOPS	FROM ROUTE 0016 (HANLEY ROAD)	THROUGH CAMPGROUND		3	0.43	0.00	0.43	0
0907ZZ	72708		FORT PICKENS DISTRICT PARKING LOTS	FROM ROUTE 0012 (FORT PICKENS ROAD) ON LEFT AND RIGHT	TO ROUTE 0500 (FORT PICKENS LOOP ROAD)			0.00	0.00	0.00	22,500
0918ZZ	72745		LANGDON BEACH PARKING LOTS	ADJACENT TO ROUTE 0100 (LANGDON BEACH ACCESS ROAD) ON LEFT AND RIGHT				0.00	0.00	0.00	23,051
0925ZZ	72784		HEADQUARTERS & VISITORS CENTER PARKING LOTS	ADJACENT TO ROUTE 0207 (HEADQUARTERS AND VISITOR CENTER ACCESS ROAD) ON LEFT AND RIGHT				0.00	0.00	0.00	56,716

Asset GUIS-0206ZZ Subcomponent Breakdown

Rte. No.	FMSS No.	Sub Comp	Route Name	Route Description From	Route Description To	Concess Route	Func. Class	Paved Miles	Un-Paved Miles	Total Route Length	Manual Rated SQ/FT
0206AZ	72686		DAVIS BAYOU CAMPGROUND LOOP A	FROM ROUTE 0016 (HANLEY ROAD) AT MP 0.58	TO END OF LOOP		3	0.31	0.00	0.31	0
0206BZ	72686		DAVIS BAYOU CAMPGROUND LOOP B	FROM ROUTE 0206ZZ (DAVIS BAYOU CAMPGROUND LOOPS)	TO END OF LOOP		3	0.12	0.00	0.12	0

Asset GUIS-0907ZZ Subcomponent Breakdown

Rte. No.	FMSS No.	Sub Comp	Route Name	Route Description From	Route Description To	Concess Route	Func. Class	Paved Miles	Un-Paved Miles	Total Route Length	Manual Rated SQ/FT
0907AZ	72708		FORT PICKENS DISTRICT PARKING A	FROM ROUTE 0012 (FORT PICKENS ROAD)	TO ROUTE 0500 (FORT PICKENS LOOP ROAD)			0.00	0.00	0.00	13,625
0907BZ	72708		FORT PICKENS DISTRICT PARKING B	FROM ROUTE 0012 (FORT PICKENS ROAD)	TO PARKING			0.00	0.00	0.00	4,954
0907CZ	72708		FORT PICKENS DISTRICT PARKING C	ADJACENT TO ROUTE 0012 (FORT PICKENS ROAD)				0.00	0.00	0.00	2,296
0907DZ	72708		FORT PICKENS DISTRICT PARKING D	ADJACENT TO ROUTE 0012 (FORT PICKENS ROAD)				0.00	0.00	0.00	1,625

NPS/RIP Subcomponent Details for GUIS

Shading Color Key:
Red text denotes approx. mileage

White = Paved Routes, ARAN Driven
Yellow = Unpaved Routes, ARAN not Driven
Blue = All Paved Parking Areas
Green = All Unpaved Parking Areas
Grey = Paved Routes, ARAN not Driven
Black = Paved State, Local or Private non-NPS Routes, ARAN Driven
= Concession Route Flag ON
= Subcomponent Flag ON

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

GUIS

GULF ISLANDS NATIONAL SEASHORE

Asset GUIS-0918ZZ Subcomponent Breakdown

Rte. No.	FMSS No.	Sub Comp	Route Name	Route Description From	Route Description To	Concess Route	Func. Class	Paved Miles	Un-Paved Miles	Total Route Length	Manual Rated SQ/FT
0918AZ	72745		LANGDON BEACH PARKING A	ADJACENT TO ROUTE 0100 (LANGDON BEACH ACCESS ROAD) ON RIGHT				0.00	0.00	0.00	9,749
0918BZ	72745		LANGDON BEACH PARKING B	ADJACENT TO ROUTE 0100 (LANGDON BEACH ACCESS ROAD) ON LEFT				0.00	0.00	0.00	13,302

Asset GUIS-0925ZZ Subcomponent Breakdown

Rte. No.	FMSS No.	Sub Comp	Route Name	Route Description From	Route Description To	Concess Route	Func. Class	Paved Miles	Un-Paved Miles	Total Route Length	Manual Rated SQ/FT
0925AZ	72784		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)			0.00	0.00	0.00	38,730
0925BZ	72784		HEADQUARTERS & VISITORS CENTER PARKING B	FROM ROUTE 0207 (HEADQUARTERS AND VISITOR CENTER ACCESS ROAD) AT MP 0.05 ON RIGHT	TO PARKING			0.00	0.00	0.00	2,543
0925CZ	72784		HEADQUARTERS & VISITORS CENTER PARKING C	ADJACENT TO ROUTE 0207 (HEADQUARTERS AND VISITOR CENTER ACCESS ROAD) AT MP 0.08 ON LEFT				0.00	0.00	0.00	997
0925DZ	72784		HEADQUARTERS & VISITORS CENTER PARKING D	ADJACENT TO ROUTE 0207 (HEADQUARTERS AND VISITOR CENTER ACCESS ROAD) AT MP 0.09 ON LEFT				0.00	0.00	0.00	1,553
0925EZ	72784		HEADQUARTERS & VISITORS CENTER PARKING E	ADJACENT TO ROUTE 0207 (HEADQUARTERS AND VISITOR CENTER ACCESS ROAD) AT MP 0.09 ON RIGHT				0.00	0.00	0.00	1,065
0925FZ	72784		HEADQUARTERS & VISITORS CENTER PARKING F	ADJACENT TO ROUTE 0207 (HEADQUARTERS AND VISITOR CENTER ACCESS ROAD) AT MP 0.11 ON RIGHT				0.00	0.00	0.00	430
0925GZ	72784		HEADQUARTERS & VISITORS CENTER PARKING G	ADJACENT TO ROUTE 0207 (HEADQUARTERS AND VISITOR CENTER ACCESS ROAD) AT MP 0.11 ON LEFT				0.00	0.00	0.00	1,174

NPS/RIP Subcomponent Details for GUIS

Shading Color Key:
Red text denotes approx. mileage

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

Grey = Paved Routes, ARAN not Driven | Black = Paved State, Local or Private non-NPS Routes, ARAN Driven | = Concession Route Flag ON | = Subcomponent Flag ON

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

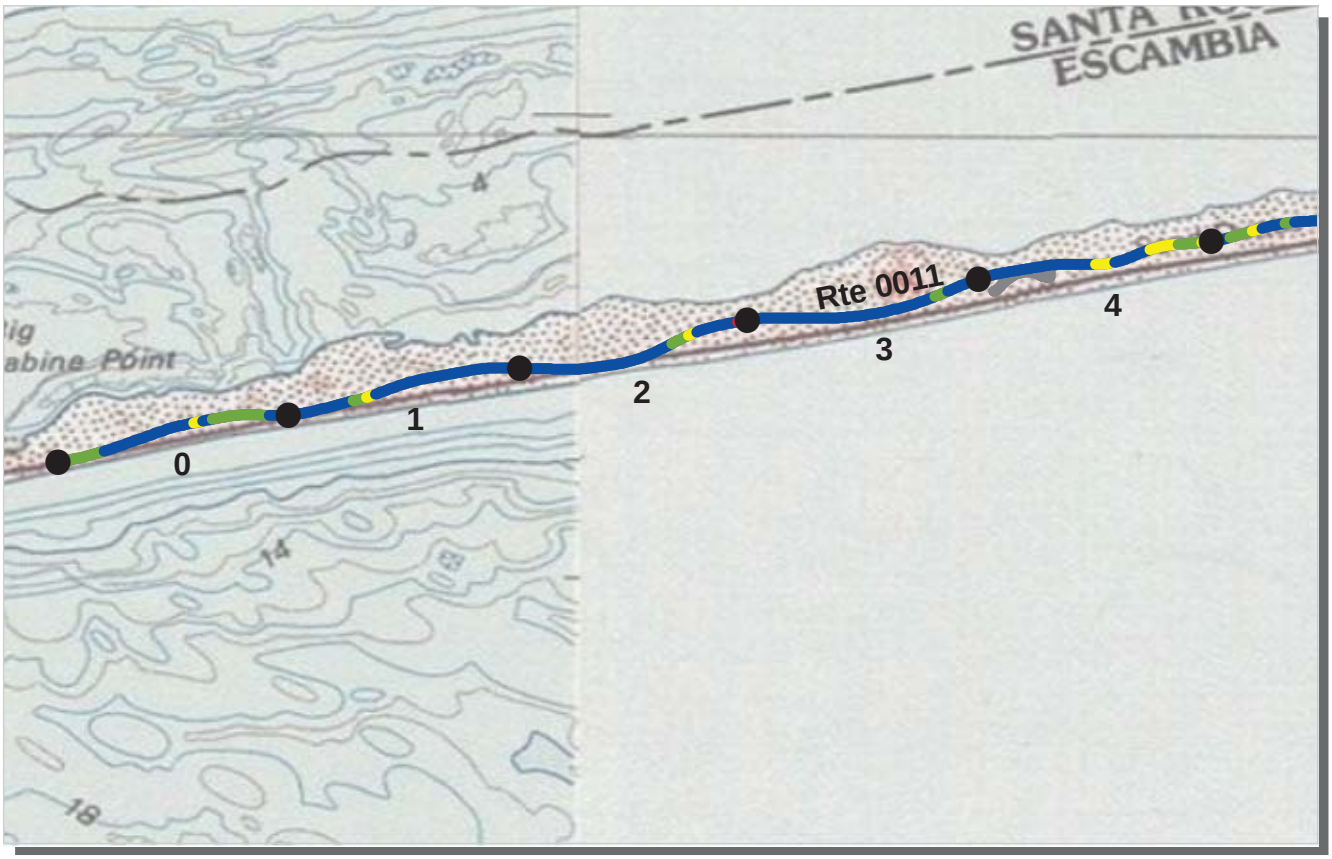
GUIS

GULF ISLANDS NATIONAL SEASHORE

0925HZ	72784		HEADQUARTERS & VISITORS CENTER PARKING H	ADJACENT TO ROUTE 0207 (HEADQUARTERS AND VISITOR CENTER ACCESS ROAD) AT MP 0.11 ON RIGHT			0.00	0.00	0.00	625
0925IZ	72784		HEADQUARTERS & VISITORS CENTER PARKING I	ADJACENT TO ROUTE 0207 (HEADQUARTERS AND VISITOR CENTER ACCESS ROAD) AT MP 0.13 ON RIGHT			0.00	0.00	0.00	2,244
0925JZ	72784		HEADQUARTERS & VISITORS CENTER PARKING J	ADJACENT TO ROUTE 0207 (HEADQUARTERS AND VISITOR CENTER ACCESS ROAD) AT MP 0.17 ON RIGHT			0.00	0.00	0.00	655
0925KZ	72784		HEADQUARTERS & VISITORS CENTER PARKING K	ADJACENT TO ROUTE 0207 (HEADQUARTERS AND VISITOR CENTER ACCESS ROAD) AT MP 0.18 ON RIGHT			0.00	0.00	0.00	1,928
0925LZ	72784		HEADQUARTERS & VISITORS CENTER PARKING L	ADJACENT TO ROUTE 0207 (HEADQUARTERS AND VISITOR CENTER ACCESS ROAD) AT MP 0.20 ON RIGHT			0.00	0.00	0.00	1,243
0925MZ	72784		HEADQUARTERS & VISITORS CENTER PARKING M	ADJACENT TO ROUTE 0207 (HEADQUARTERS AND VISITOR CENTER ACCESS ROAD) AT MP 0.25 ON RIGHT			0.00	0.00	0.00	3,529

Gulf Islands National Seashore

Section 5
Paved Route Condition Rating Sheets (CRS)



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

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

ROUTE: 0011 J. EARLE BOWDEN WAY / STATE ROUTE 399
GUIS : GULF ISLANDS NATIONAL SEASHORE

COLLECTED: 6/4/2009
SOUTHEAST REGION **TOTAL LENGTH: 7.29 Miles**

Section Number	0	1	2	3	4
Section Length (mi)	1.00	1.00	1.00	1.00	1.00
Traffic					
AADT	Traffic data may be found at www.efl.fhwa.dot.gov Click on PROGRAMS / NPS Traffic Data (Note: Not all parks have traffic data)				
SADT					
ADT Date					
Cross Section Information					
Number of Lanes	2	2	2	2	2
Paved Width (ft)	34	34	34	34	37
Lane Width (ft)	11	11	11	11	11
Shoulder Width Right (ft)	NC	NC	NC	NC	NC
Shoulder Width Left (ft)	NC	NC	NC	NC	NC
Roadway Condition Information					
SCR (Surface Condition Rating)	97	95	95	96	87
PCR (Pavement Condition Rating)	93	96	94	96	90
Distress Index Values					
Alligator Cracking Index	100	100	100	100	100
Longitudinal Cracking Index	100	100	100	100	100
Tranverse Cracking Index	100	100	100	100	100
Patching Index	99	97	96	100	89
Rutting Index	98	98	99	97	98
Roughness Condition Index (RCI)	88	97	92	95	95

NC - Not Collected

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

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

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

ROUTE: 0011 J. EARLE BOWDEN WAY / STATE ROUTE 399
GUIS : GULF ISLANDS NATIONAL SEASHORE

COLLECTED: **6/4/2009**
SOUTHEAST REGION **TOTAL LENGTH:** **7.29 Miles**

Section Number	5	6	7		
Section Length (mi)	1.00	1.00	0.29		
Traffic	Traffic data may be found at www.efl.fhwa.dot.gov Click on PROGRAMS / NPS Traffic Data (Note: Not all parks have traffic data)				
AADT					
SADT					
ADT Date					
Cross Section Information					
Number of Lanes	2	2	2		
Paved Width (ft)	34	33	33		
Lane Width (ft)	11	10	11		
Shoulder Width Right (ft)	NC	NC	NC		
Shoulder Width Left (ft)	NC	NC	NC		
Roadway Condition Information					
SCR (Surface Condition Rating)	92	86	88		
PCR (Pavement Condition Rating)	92	89	89		
Distress Index Values					
Alligator Cracking Index	100	100	100		
Longitudinal Cracking Index	100	100	100		
Tranverse Cracking Index	100	100	100		
Patching Index	95	89	90		
Rutting Index	98	97	98		
Roughness Condition Index (RCI)	92	94	91		

NC - Not Collected

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

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

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

ROUTE: 0012 FORT PICKENS ROAD
GUIS : GULF ISLANDS NATIONAL SEASHORE

COLLECTED: 6/4/2009
SOUTHEAST REGION **TOTAL LENGTH: 7.18 Miles**

Section Number	0	1	2	3	4
Section Length (mi)	1.00	1.00	1.00	1.00	1.00
Traffic					
AADT	Traffic data may be found at www.efl.fhwa.dot.gov Click on PROGRAMS / NPS Traffic Data (Note: Not all parks have traffic data)				
SADT					
ADT Date					
Cross Section Information					
Number of Lanes	2	2	2	2	2
Paved Width (ft)	32	30	30	30	29
Lane Width (ft)	10	10	10	10	10
Shoulder Width Right (ft)	NC	NC	NC	NC	NC
Shoulder Width Left (ft)	NC	NC	NC	NC	NC
Roadway Condition Information					
SCR (Surface Condition Rating)	90	89	98	99	91
PCR (Pavement Condition Rating)	92	93	98	99	93
Distress Index Values					
Alligator Cracking Index	100	100	100	100	100
Longitudinal Cracking Index	98	99	100	100	100
Tranverse Cracking Index	100	100	100	100	97
Patching Index	94	92	100	100	100
Rutting Index	97	97	99	99	96
Roughness Condition Index (RCI)	94	98	98	99	95

NC - Not Collected

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

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

ROUTE: 0012 FORT PICKENS ROAD
GUIS : GULF ISLANDS NATIONAL SEASHORE

COLLECTED: 6/4/2009
SOUTHEAST REGION **TOTAL LENGTH: 7.18 Miles**

Section Number	5	6	7		
Section Length (mi)	1.00	1.00	0.18		
Traffic					
AADT	Traffic data may be found at www.efl.fhwa.dot.gov Click on PROGRAMS / NPS Traffic Data (Note: Not all parks have traffic data)				
SADT					
ADT Date					
Cross Section Information					
Number of Lanes	2	2	2		
Paved Width (ft)	20	20	21		
Lane Width (ft)	8	8	9		
Shoulder Width Right (ft)	NC	NC	NC		
Shoulder Width Left (ft)	NC	NC	NC		
Roadway Condition Information					
SCR (Surface Condition Rating)	72	77	74		
PCR (Pavement Condition Rating)	82	84	76		
Distress Index Values					
Alligator Cracking Index	100	100	100		
Longitudinal Cracking Index	94	95	95		
Tranverse Cracking Index	83	86	85		
Patching Index	100	100	100		
Rutting Index	95	96	94		
Roughness Condition Index (RCI)	96	94	81		

NC - Not Collected

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

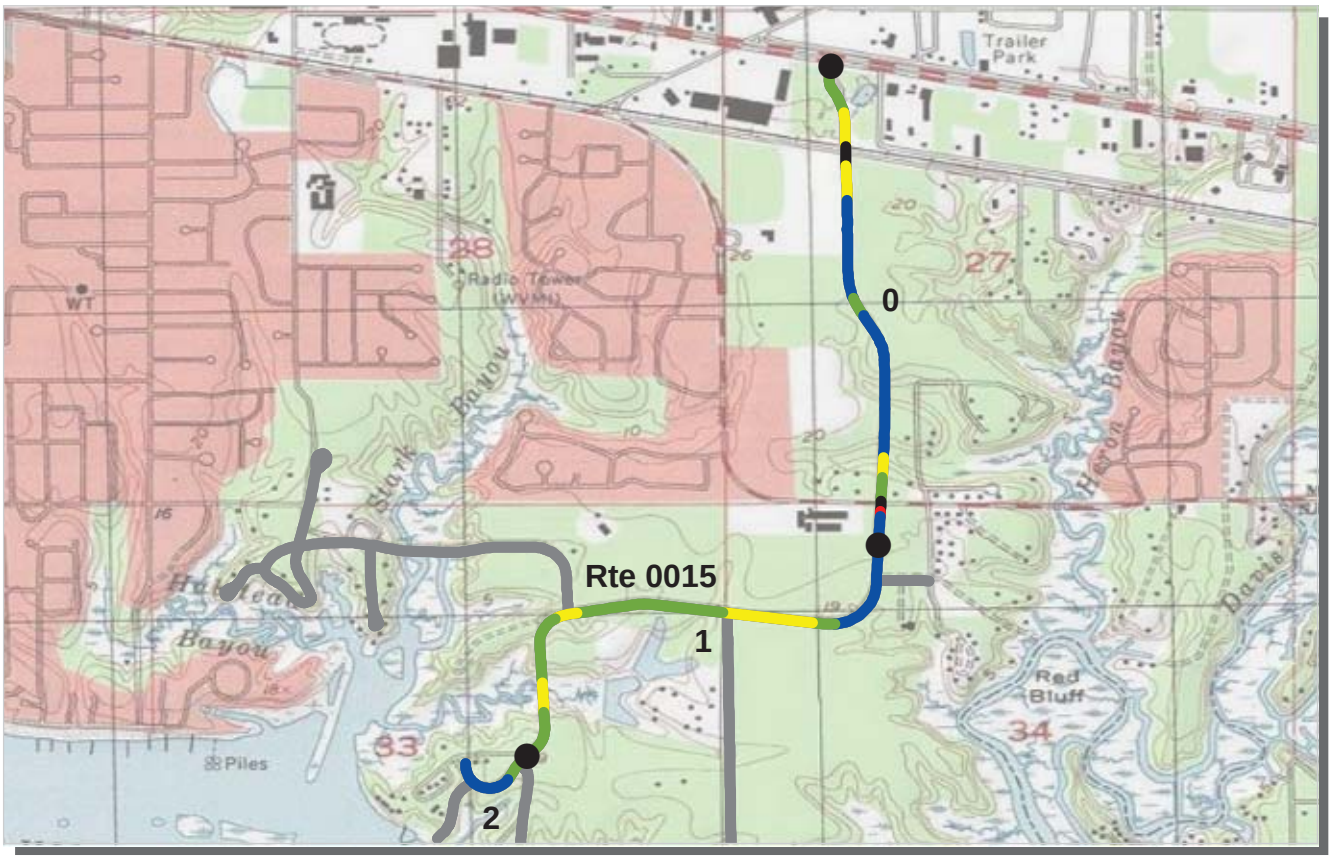
* If the PCR rating is not available for a section, the SCR rating will be displayed. See appendix for definitions and formulas.

ROUTE: 0013 JOHNSON BEACH ROAD
GUIS : GULF ISLANDS NATIONAL SEASHORE

COLLECTED: 6/5/2009
SOUTHEAST REGION **TOTAL LENGTH: 2.48 Miles**

Section Number	0	1	2		
Section Length (mi)	1.00	1.00	0.48		
Traffic					
AADT	Traffic data may be found at www.efl.fhwa.dot.gov Click on PROGRAMS / NPS Traffic Data (Note: Not all parks have traffic data)				
SADT					
ADT Date					
Cross Section Information					
Number of Lanes	2	2	2		
Paved Width (ft)	24	24	23		
Lane Width (ft)	10	11	11		
Shoulder Width Right (ft)	NC	NC	NC		
Shoulder Width Left (ft)	NC	NC	NC		
Roadway Condition Information					
SCR (Surface Condition Rating)	88	88	87		
PCR (Pavement Condition Rating)	90	92	90		
Distress Index Values					
Alligator Cracking Index	100	100	100		
Longitudinal Cracking Index	100	100	100		
Tranverse Cracking Index	100	100	100		
Patching Index	100	100	100		
Rutting Index	88	88	87		
Roughness Condition Index (RCI)	96	96	99		

NC - Not Collected



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

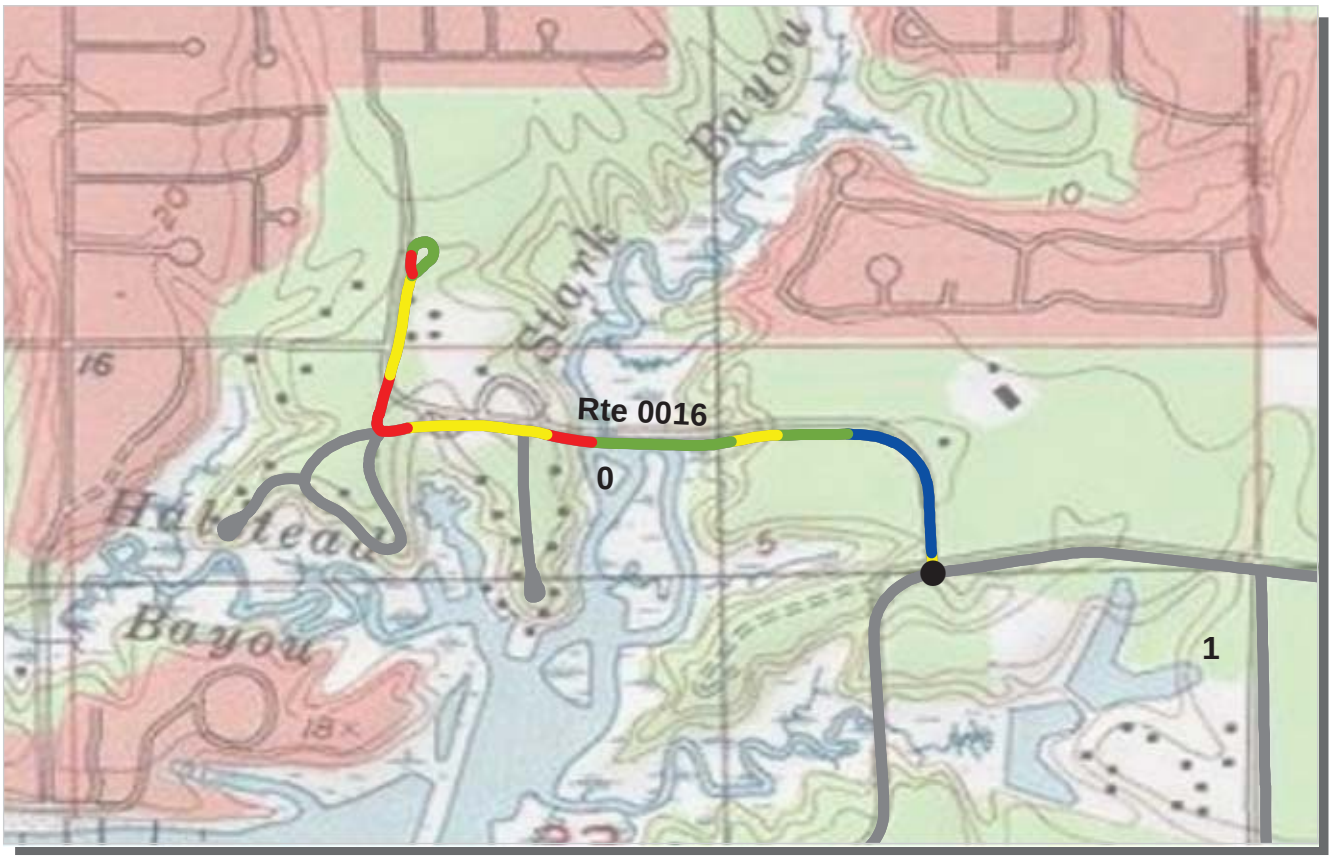
* If the PCR rating is not available for a section, the SCR rating will be displayed. See appendix for definitions and formulas.

ROUTE: 0015 PARK ROAD
GUIS : GULF ISLANDS NATIONAL SEASHORE

COLLECTED: 6/5/2009
SOUTHEAST REGION **TOTAL LENGTH: 2.17 Miles**

Section Number	0	1	2		
Section Length (mi)	1.00	1.00	0.17		
Traffic	Traffic data may be found at www.efl.fhwa.dot.gov Click on PROGRAMS / NPS Traffic Data (Note: Not all parks have traffic data)				
AADT					
SADT					
ADT Date					
Cross Section Information					
Number of Lanes	2	2	2		
Paved Width (ft)	25	22	22		
Lane Width (ft)	10	10	9		
Shoulder Width Right (ft)	NC	NC	NC		
Shoulder Width Left (ft)	NC	NC	NC		
Roadway Condition Information					
SCR (Surface Condition Rating)	91	82	92		
PCR (Pavement Condition Rating)	88	87	93		
Distress Index Values					
Alligator Cracking Index	100	100	100		
Longitudinal Cracking Index	96	96	98		
Tranverse Cracking Index	97	92	97		
Patching Index	100	100	100		
Rutting Index	98	95	97		
Roughness Condition Index (RCI)	88	94	91		

NC - Not Collected



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

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

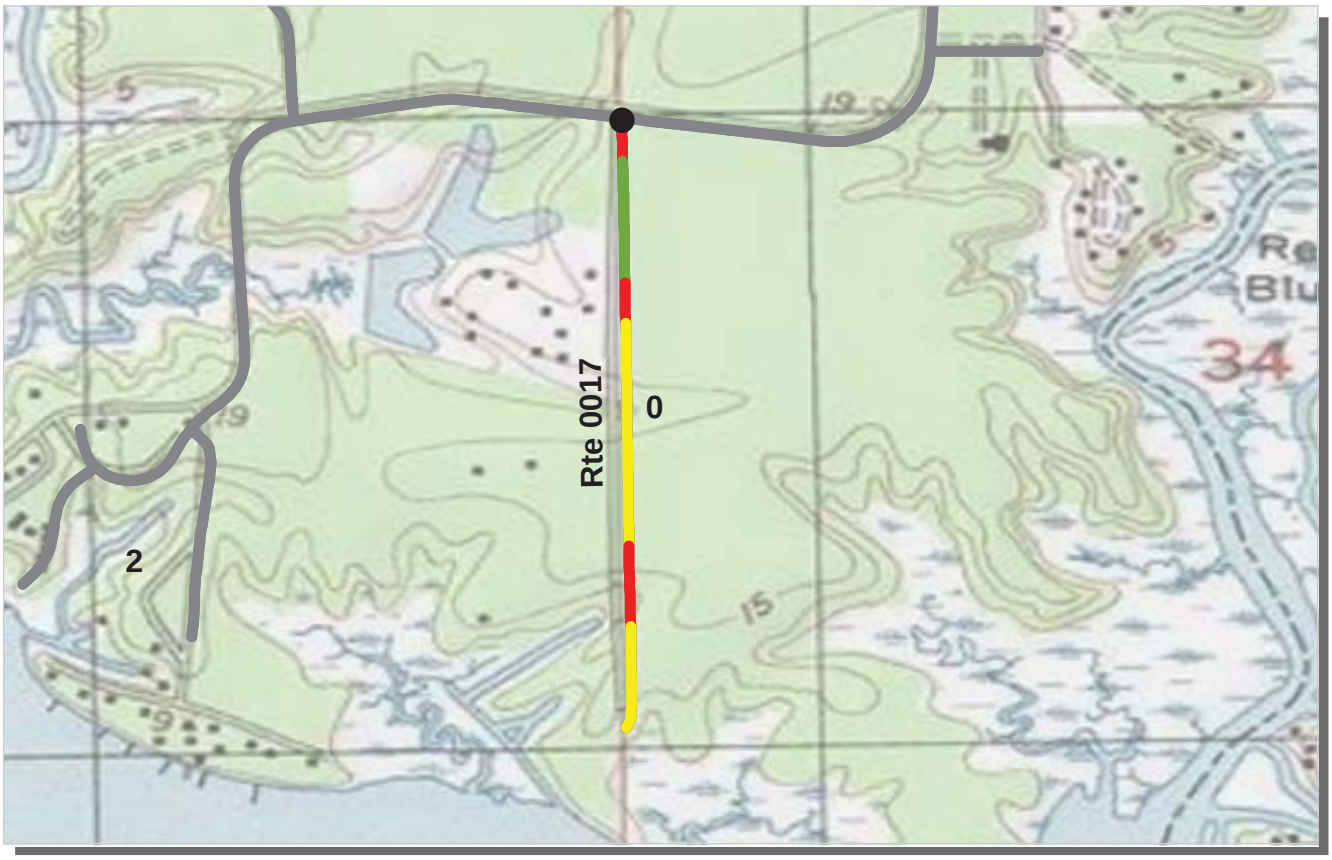
ROUTE: 0016 HANLEY ROAD
GUIS : GULF ISLANDS NATIONAL SEASHORE

COLLECTED: **6/5/2009**
SOUTHEAST REGION **TOTAL LENGTH:** **0.82 Miles**

Section Number	0				
Section Length (mi)	0.82				
Traffic					
AADT	Traffic data may be found at www.efl.fhwa.dot.gov Click on PROGRAMS / NPS Traffic Data (Note: Not all parks have traffic data)				
SADT					
ADT Date					
Cross Section Information					
Number of Lanes	2				
Paved Width (ft)	21				
Lane Width (ft)	9				
Shoulder Width Right (ft)	NC				
Shoulder Width Left (ft)	NC				
Roadway Condition Information					
SCR (Surface Condition Rating)	77				
PCR (Pavement Condition Rating)	79				
Distress Index Values					
Alligator Cracking Index	100				
Longitudinal Cracking Index	97				
Tranverse Cracking Index	91				
Patching Index	100				
Rutting Index	89				
Roughness Condition Index (RCI)	89				

NC - Not Collected

ROUTE: 0016 HANLEY ROAD



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

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

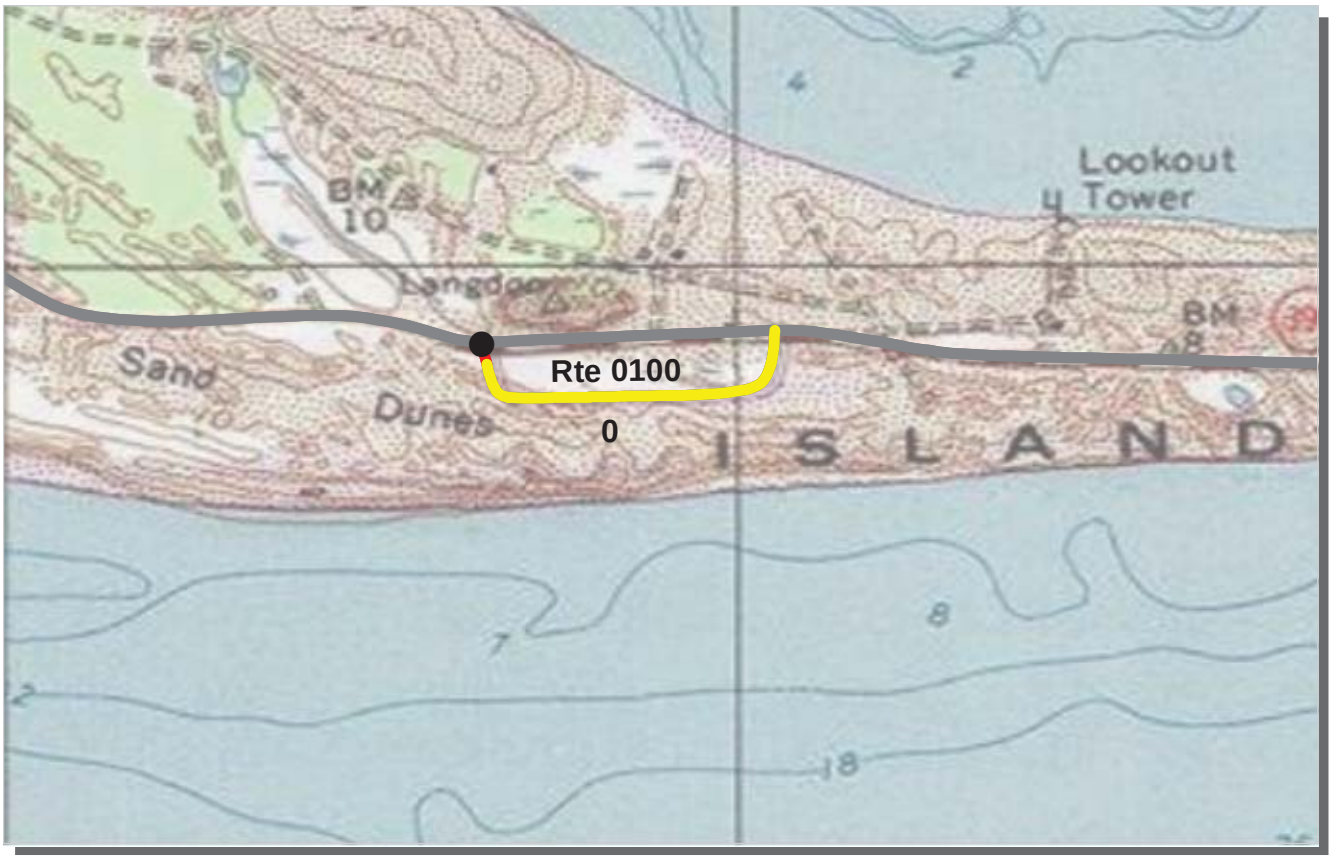
ROUTE: 0017 GOLLOTT ROAD
GUIS : GULF ISLANDS NATIONAL SEASHORE

COLLECTED: 6/5/2009
SOUTHEAST REGION **TOTAL LENGTH: 0.60 Miles**

Section Number	0				
Section Length (mi)	0.60				
Traffic					
AADT	Traffic data may be found at www.efl.fhwa.dot.gov Click on PROGRAMS / NPS Traffic Data (Note: Not all parks have traffic data)				
SADT					
ADT Date					
Cross Section Information					
Number of Lanes	1				
Paved Width (ft)	13				
Lane Width (ft)	12				
Shoulder Width Right (ft)	NC				
Shoulder Width Left (ft)	NC				
Roadway Condition Information					
SCR (Surface Condition Rating)	77				
PCR (Pavement Condition Rating)	69				
Distress Index Values					
Alligator Cracking Index	94				
Longitudinal Cracking Index	94				
Tranverse Cracking Index	99				
Patching Index	99				
Rutting Index	92				
Roughness Condition Index (RCI)	58				

NC - Not Collected

ROUTE: 0017 GOLLOTT ROAD



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

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

ROUTE: 0100 LANGDON BEACH ACCESS ROAD
GUIS : GULF ISLANDS NATIONAL SEASHORE

COLLECTED: **6/4/2009**
SOUTHEAST REGION **TOTAL LENGTH:** **0.33 Miles**

Section Number	0				
Section Length (mi)	0.33				
Traffic	Traffic data may be found at www.efl.fhwa.dot.gov Click on PROGRAMS / NPS Traffic Data (Note: Not all parks have traffic data)				
AADT					
SADT					
ADT Date					
Cross Section Information					
Number of Lanes	2				
Paved Width (ft)	20				
Lane Width (ft)	9				
Shoulder Width Right (ft)	NC				
Shoulder Width Left (ft)	NC				
Roadway Condition Information					
SCR (Surface Condition Rating)	62				
PCR (Pavement Condition Rating)	70				
Distress Index Values					
Alligator Cracking Index	95				
Longitudinal Cracking Index	87				
Tranverse Cracking Index	95				
Patching Index	100				
Rutting Index	85				
Roughness Condition Index (RCI)	89				

NC - Not Collected

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

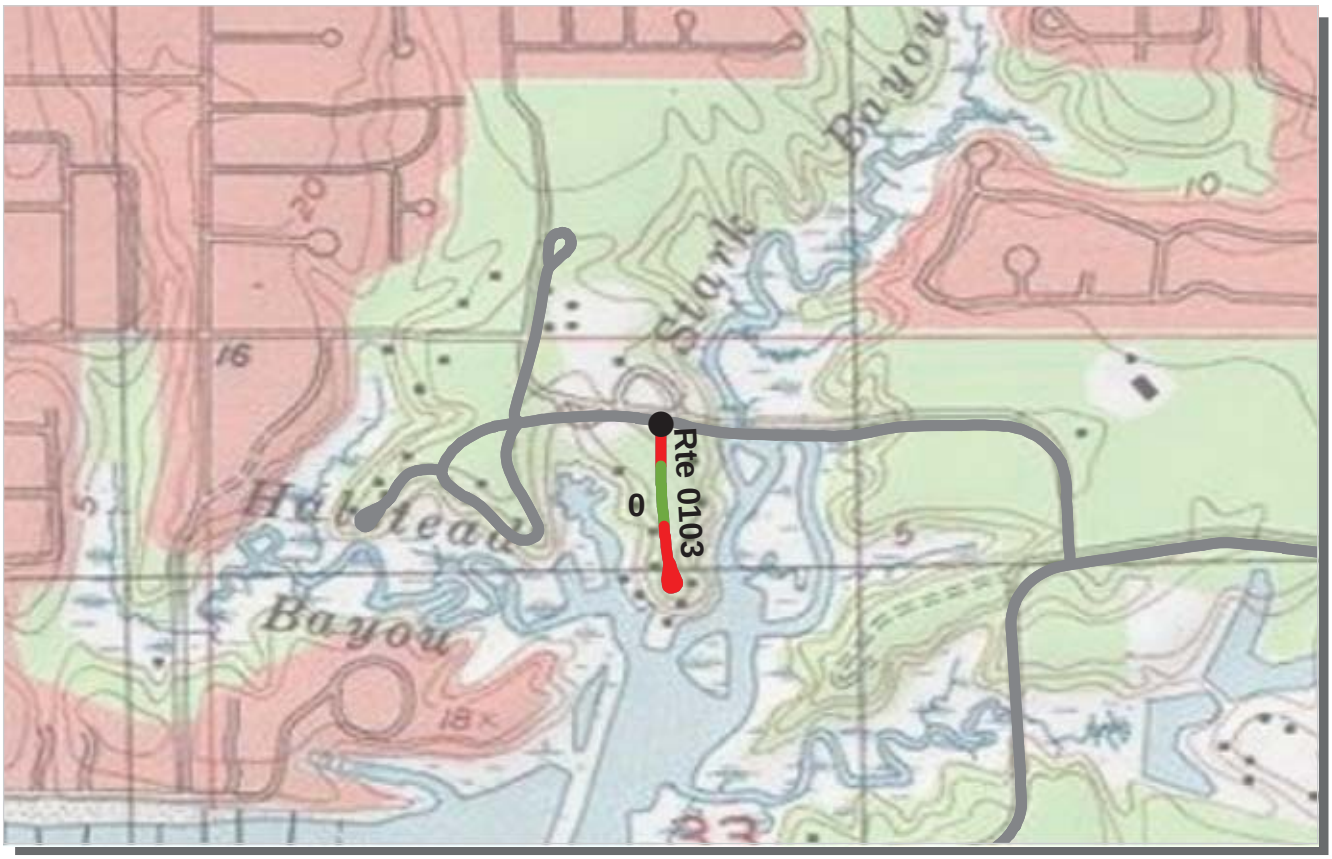
* If the PCR rating is not available for a section, the SCR rating will be displayed. See appendix for definitions and formulas.

ROUTE: 0102 EAGLE POINT ROAD
GUIS : GULF ISLANDS NATIONAL SEASHORE

COLLECTED: **6/5/2009**
SOUTHEAST REGION **TOTAL LENGTH:** **0.21 Miles**

Section Number	0				
Section Length (mi)	0.21				
Traffic					
AADT	Traffic data may be found at www.efl.fhwa.dot.gov Click on PROGRAMS / NPS Traffic Data (Note: Not all parks have traffic data)				
SADT					
ADT Date					
Cross Section Information					
Number of Lanes	2				
Paved Width (ft)	15				
Lane Width (ft)	10				
Shoulder Width Right (ft)	NC				
Shoulder Width Left (ft)	NC				
Roadway Condition Information					
SCR (Surface Condition Rating)	78				
PCR (Pavement Condition Rating)	71				
Distress Index Values					
Alligator Cracking Index	98				
Longitudinal Cracking Index	95				
Tranverse Cracking Index	99				
Patching Index	100				
Rutting Index	87				
Roughness Condition Index (RCI)	60				

NC - Not Collected



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

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

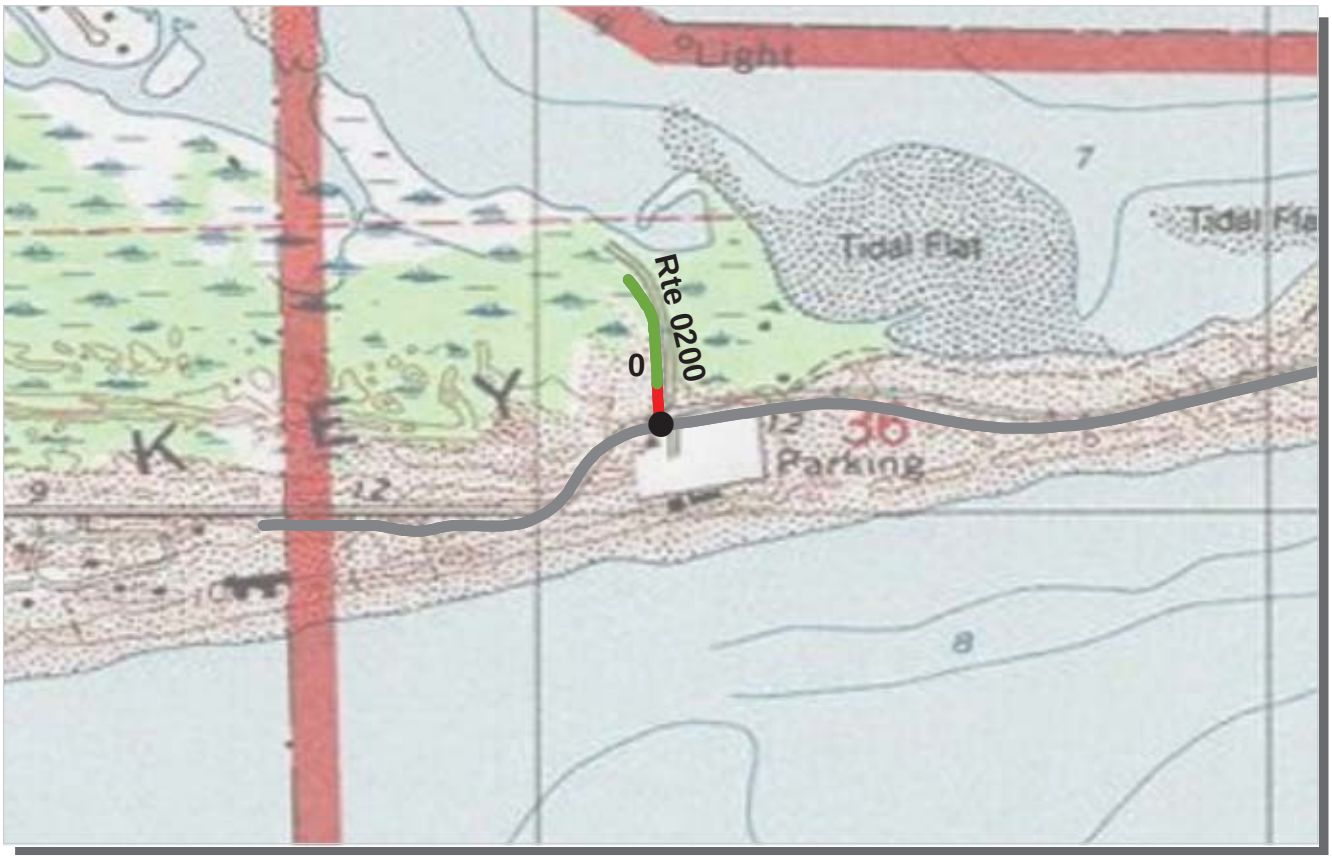
ROUTE: 0103 BOAT LAUNCH ROAD
GUIS : GULF ISLANDS NATIONAL SEASHORE

COLLECTED: 6/5/2009
SOUTHEAST REGION **TOTAL LENGTH: 0.19 Miles**

Section Number	0				
Section Length (mi)	0.19				
Traffic					
AADT	Traffic data may be found at www.efl.fhwa.dot.gov Click on PROGRAMS / NPS Traffic Data (Note: Not all parks have traffic data)				
SADT					
ADT Date					
Cross Section Information					
Number of Lanes	2				
Paved Width (ft)	18				
Lane Width (ft)	9				
Shoulder Width Right (ft)	NC				
Shoulder Width Left (ft)	NC				
Roadway Condition Information					
SCR (Surface Condition Rating)	66				
PCR (Pavement Condition Rating)	68				
Distress Index Values					
Alligator Cracking Index	100				
Longitudinal Cracking Index	94				
Tranverse Cracking Index	85				
Patching Index	99				
Rutting Index	88				
Roughness Condition Index (RCI)	99				

NC - Not Collected

ROUTE: 0103 BOAT LAUNCH ROAD



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

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

ROUTE: 0200 NATURE TRAIL ACCESS ROAD
GUIS : GULF ISLANDS NATIONAL SEASHORE

COLLECTED: 6/5/2009

SOUTHEAST REGION **TOTAL LENGTH: 0.15 Miles**

Section Number	0				
Section Length (mi)	0.15				
Traffic	Traffic data may be found at www.efl.fhwa.dot.gov Click on PROGRAMS / NPS Traffic Data (Note: Not all parks have traffic data)				
AADT					
SADT					
ADT Date					
Cross Section Information					
Number of Lanes	2				
Paved Width (ft)	20				
Lane Width (ft)	8				
Shoulder Width Right (ft)	NC				
Shoulder Width Left (ft)	NC				
Roadway Condition Information					
SCR (Surface Condition Rating)	81				
PCR (Pavement Condition Rating)	83				
Distress Index Values					
Alligator Cracking Index	100				
Longitudinal Cracking Index	99				
Tranverse Cracking Index	97				
Patching Index	100				
Rutting Index	85				
Roughness Condition Index (RCI)	86				

NC - Not Collected

ROUTE: 0200 NATURE TRAIL ACCESS ROAD

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

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

ROUTE: 0206ZZ DAVIS BAYOU CAMPGROUND LOOPS
GUIS : GULF ISLANDS NATIONAL SEASHORE

Summary Record **COLLECTED: 6/5/2009**
SOUTHEAST REGION **TOTAL LENGTH: 0.43 Miles**

Section Number					
Section Length (mi)					
Traffic	Traffic data may be found at www.efl.fhwa.dot.gov Click on PROGRAMS / NPS Traffic Data (Note: Not all parks have traffic data)				
AADT					
SADT					
ADT Date					
Cross Section Information					
Number of Lanes	N/A				
Paved Width (ft)	N/A				
Lane Width (ft)	N/A				
Shoulder Width Right (ft)	NC				
Shoulder Width Left (ft)	NC				
Roadway Condition Information					
SCR (Surface Condition Rating)	76				
PCR (Pavement Condition Rating)	76				
Distress Index Values					
Alligator Cracking Index	N/A				
Longitudinal Cracking Index	N/A				
Tranverse Cracking Index	N/A				
Patching Index	N/A				
Rutting Index	N/A				
Roughness Condition Index (RCI)	N/A				

NC - Not Collected

ROUTE: 0206ZZ DAVIS BAYOU CAMPGROUND LOOPS

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

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

ROUTE: 0206AZ DAVIS BAYOU CAMPGROUND LOOP A
GUIS : GULF ISLANDS NATIONAL SEASHORE

Subcomponent Record **COLLECTED: 6/5/2009**
SOUTHEAST REGION **TOTAL LENGTH: 0.31 Miles**

Section Number	0				
Section Length (mi)	0.31				
Traffic					
AADT	Traffic data may be found at www.efl.fhwa.dot.gov Click on PROGRAMS / NPS Traffic Data (Note: Not all parks have traffic data)				
SADT					
ADT Date					
Cross Section Information					
Number of Lanes	1				
Paved Width (ft)	17				
Lane Width (ft)	17				
Shoulder Width Right (ft)	NC				
Shoulder Width Left (ft)	NC				
Roadway Condition Information					
SCR (Surface Condition Rating)	74				
PCR (Pavement Condition Rating)	74				
Distress Index Values					
Alligator Cracking Index	100				
Longitudinal Cracking Index	96				
Tranverse Cracking Index	96				
Patching Index	100				
Rutting Index	82				
Roughness Condition Index (RCI)	NC				

NC - Not Collected

ROUTE: 0206AZ DAVIS BAYOU CAMPGROUND LOOP A

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

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

ROUTE: 0206BZ DAVIS BAYOU CAMPGROUND LOOP B
GUIS : GULF ISLANDS NATIONAL SEASHORE

Subcomponent Record **COLLECTED: 6/5/2009**
SOUTHEAST REGION **TOTAL LENGTH: 0.12 Miles**

Section Number	0				
Section Length (mi)	0.12				
Traffic					
AADT	Traffic data may be found at www.efl.fhwa.dot.gov Click on PROGRAMS / NPS Traffic Data (Note: Not all parks have traffic data)				
SADT					
ADT Date					
Cross Section Information					
Number of Lanes	2				
Paved Width (ft)	19				
Lane Width (ft)	13				
Shoulder Width Right (ft)	NC				
Shoulder Width Left (ft)	NC				
Roadway Condition Information					
SCR (Surface Condition Rating)	81				
PCR (Pavement Condition Rating)	81				
Distress Index Values					
Alligator Cracking Index	100				
Longitudinal Cracking Index	98				
Tranverse Cracking Index	95				
Patching Index	100				
Rutting Index	89				
Roughness Condition Index (RCI)	NC				

NC - Not Collected

ROUTE: 0206BZ DAVIS BAYOU CAMPGROUND LOOP B

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

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

ROUTE: 0207 HEADQUARTERS AND VISITOR CENTER ACCESS ROAD
GUIS : GULF ISLANDS NATIONAL SEASHORE

COLLECTED: 6/4/2009
SOUTHEAST REGION **TOTAL LENGTH: 0.44 Miles**

Section Number	0				
Section Length (mi)	0.44				
Traffic					
AADT	Traffic data may be found at www.efl.fhwa.dot.gov Click on PROGRAMS / NPS Traffic Data (Note: Not all parks have traffic data)				
SADT					
ADT Date					
Cross Section Information					
Number of Lanes	2				
Paved Width (ft)	24				
Lane Width (ft)	16				
Shoulder Width Right (ft)	NC				
Shoulder Width Left (ft)	NC				
Roadway Condition Information					
SCR (Surface Condition Rating)	93				
PCR (Pavement Condition Rating)	91				
Distress Index Values					
Alligator Cracking Index	100				
Longitudinal Cracking Index	100				
Tranverse Cracking Index	98				
Patching Index	100				
Rutting Index	96				
Roughness Condition Index (RCI)	92				

NC - Not Collected

ROUTE: 0207 HEADQUARTERS AND VISITOR CENTER ACCESS ROAD

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

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

ROUTE: 0210 NAVAL LIVE OAKS ROAD
GUIS : GULF ISLANDS NATIONAL SEASHORE

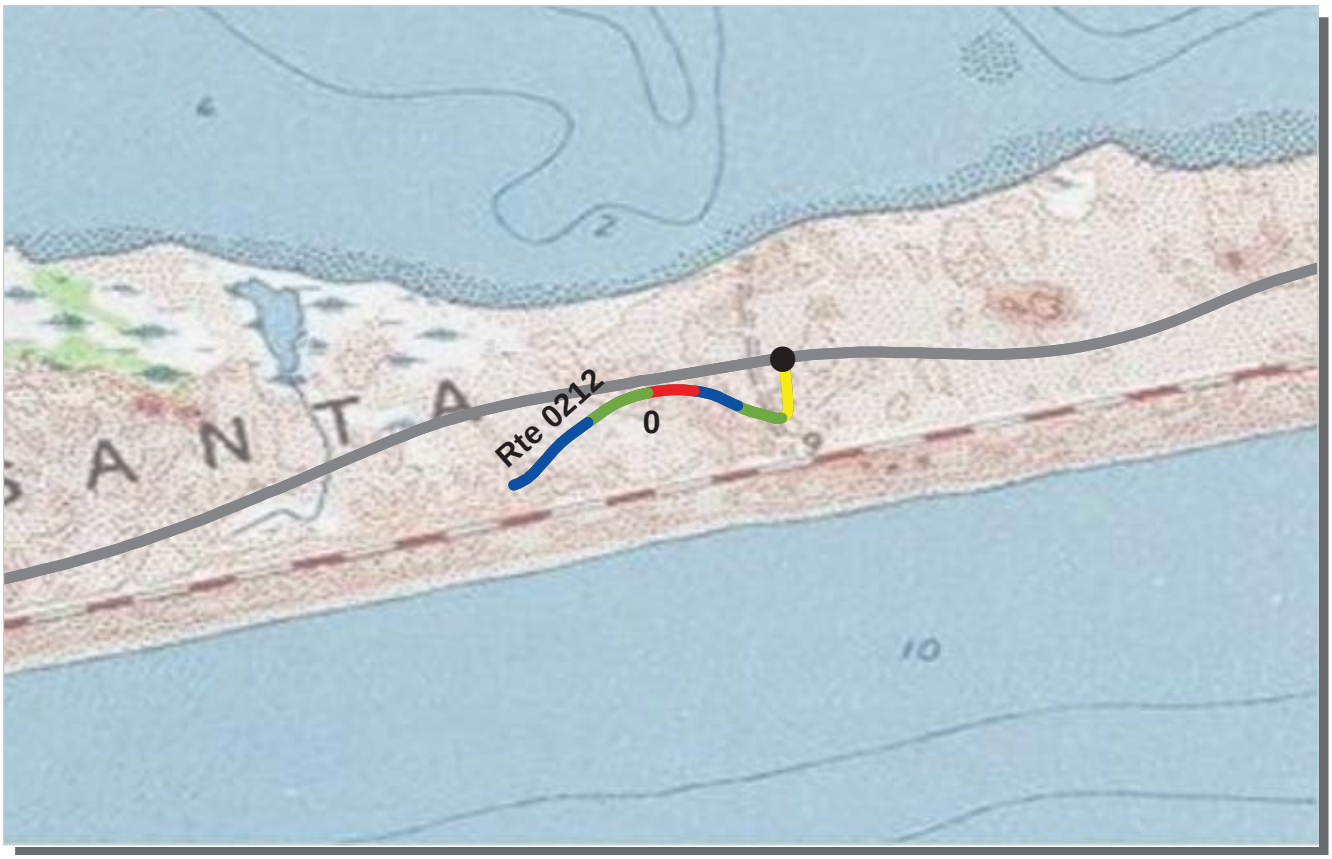
COLLECTED: 6/4/2009

SOUTHEAST REGION **TOTAL LENGTH: 0.40 Miles**

Section Number	0				
Section Length (mi)	0.40				
Traffic					
AADT	Traffic data may be found at www.efl.fhwa.dot.gov Click on PROGRAMS / NPS Traffic Data (Note: Not all parks have traffic data)				
SADT					
ADT Date					
Cross Section Information					
Number of Lanes	2				
Paved Width (ft)	20				
Lane Width (ft)	10				
Shoulder Width Right (ft)	NC				
Shoulder Width Left (ft)	NC				
Roadway Condition Information					
SCR (Surface Condition Rating)	47				
PCR (Pavement Condition Rating)	59				
Distress Index Values					
Alligator Cracking Index	99				
Longitudinal Cracking Index	87				
Tranverse Cracking Index	84				
Patching Index	100				
Rutting Index	77				
Roughness Condition Index (RCI)	85				

NC - Not Collected

ROUTE: 0210 NAVAL LIVE OAKS ROAD



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

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

ROUTE: 0212 OPAL BEACH ROAD
GUIS : GULF ISLANDS NATIONAL SEASHORE

COLLECTED: 6/4/2009
SOUTHEAST REGION **TOTAL LENGTH: 0.33 Miles**

Section Number	0				
Section Length (mi)	0.33				
Traffic					
AADT	Traffic data may be found at www.efl.fhwa.dot.gov Click on PROGRAMS / NPS Traffic Data (Note: Not all parks have traffic data)				
SADT					
ADT Date					
Cross Section Information					
Number of Lanes	2				
Paved Width (ft)	33				
Lane Width (ft)	12				
Shoulder Width Right (ft)	NC				
Shoulder Width Left (ft)	NC				
Roadway Condition Information					
SCR (Surface Condition Rating)	86				
PCR (Pavement Condition Rating)	85				
Distress Index Values					
Alligator Cracking Index	100				
Longitudinal Cracking Index	99				
Tranverse Cracking Index	100				
Patching Index	100				
Rutting Index	86				
Roughness Condition Index (RCI)	86				

NC - Not Collected

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

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

ROUTE: 0405 VFW ROAD
GUIS : GULF ISLANDS NATIONAL SEASHORE

COLLECTED: 6/5/2009
SOUTHEAST REGION **TOTAL LENGTH: 0.09 Miles**

Section Number	0				
Section Length (mi)	0.09				
Traffic					
AADT	Traffic data may be found at www.efl.fhwa.dot.gov Click on PROGRAMS / NPS Traffic Data (Note: Not all parks have traffic data)				
SADT					
ADT Date					
Cross Section Information					
Number of Lanes	2				
Paved Width (ft)	23				
Lane Width (ft)	9				
Shoulder Width Right (ft)	NC				
Shoulder Width Left (ft)	NC				
Roadway Condition Information					
SCR (Surface Condition Rating)	78				
PCR (Pavement Condition Rating)	78				
Distress Index Values					
Alligator Cracking Index	100				
Longitudinal Cracking Index	98				
Tranverse Cracking Index	99				
Patching Index	94				
Rutting Index	87				
Roughness Condition Index (RCI)	72				

NC - Not Collected

ROUTE: 0405 VFW ROAD

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

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

ROUTE: 0406 DAVIS BAYOU GOVERNMENT BOAT LAUNCH ROAD
GUIS : GULF ISLANDS NATIONAL SEASHORE

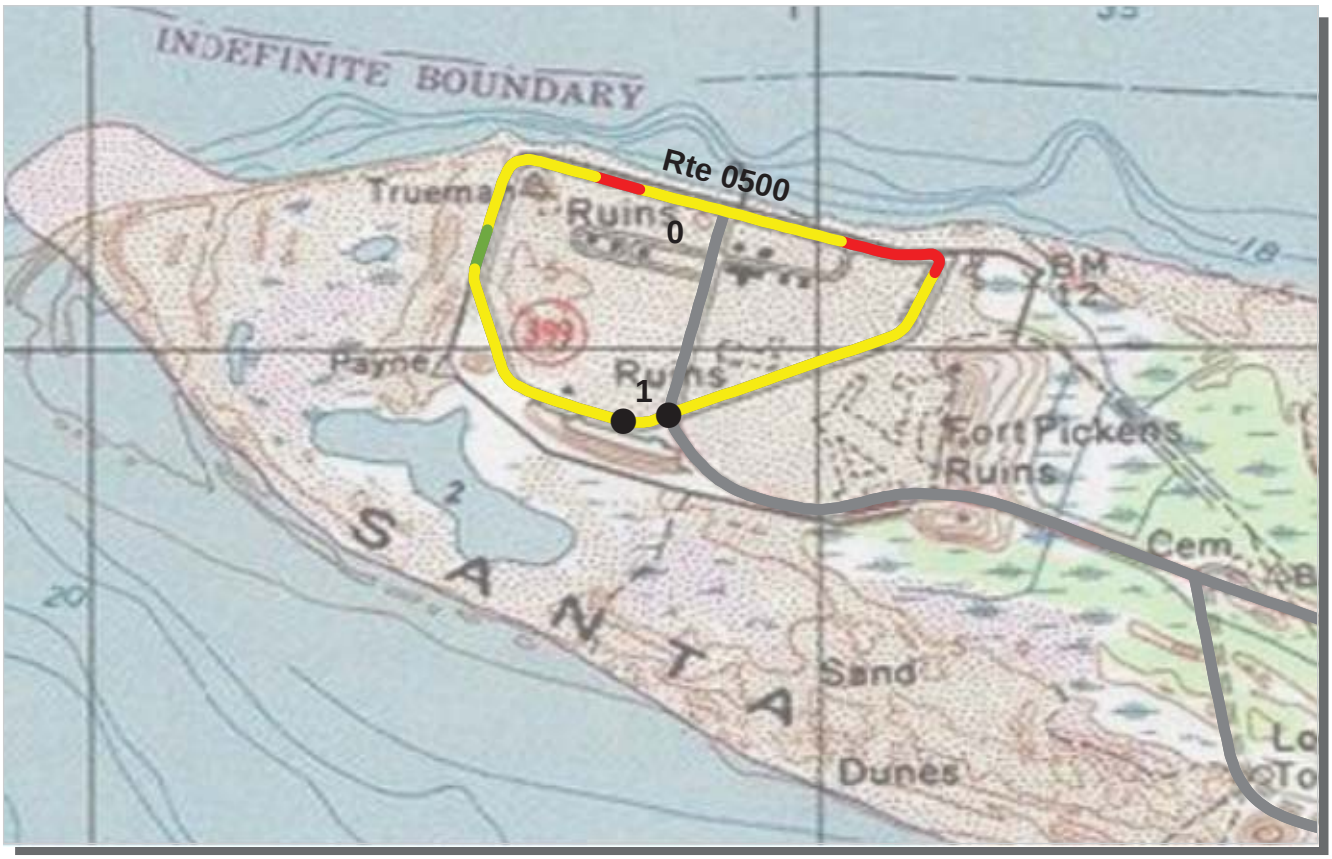
COLLECTED: 6/5/2009

SOUTHEAST REGION **TOTAL LENGTH: 0.13 Miles**

Section Number	0				
Section Length (mi)	0.13				
Traffic					
AADT	Traffic data may be found at www.efl.fhwa.dot.gov Click on PROGRAMS / NPS Traffic Data (Note: Not all parks have traffic data)				
SADT					
ADT Date					
Cross Section Information					
Number of Lanes	2				
Paved Width (ft)	18				
Lane Width (ft)	7				
Shoulder Width Right (ft)	NC				
Shoulder Width Left (ft)	NC				
Roadway Condition Information					
SCR (Surface Condition Rating)	74				
PCR (Pavement Condition Rating)	71				
Distress Index Values					
Alligator Cracking Index	100				
Longitudinal Cracking Index	93				
Tranverse Cracking Index	90				
Patching Index	100				
Rutting Index	91				
Roughness Condition Index (RCI)	58				

NC - Not Collected

ROUTE: 0406 DAVIS BAYOU GOVERNMENT BOAT LAUNCH ROAD



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

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

ROUTE: 0500 FORT PICKENS LOOP ROAD
GUIS : GULF ISLANDS NATIONAL SEASHORE

COLLECTED: 6/4/2009
SOUTHEAST REGION **TOTAL LENGTH: 1.03 Miles**

Section Number	0	1			
Section Length (mi)	1.00	0.03			
Traffic					
AADT	Traffic data may be found at www.efl.fhwa.dot.gov Click on PROGRAMS / NPS Traffic Data (Note: Not all parks have traffic data)				
SADT					
ADT Date					
Cross Section Information					
Number of Lanes	1	1			
Paved Width (ft)	17	14			
Lane Width (ft)	13	14			
Shoulder Width Right (ft)	NC	NC			
Shoulder Width Left (ft)	NC	NC			
Roadway Condition Information					
SCR (Surface Condition Rating)	63	76			
PCR (Pavement Condition Rating)	67	76			
Distress Index Values					
Alligator Cracking Index	100	100			
Longitudinal Cracking Index	91	100			
Tranverse Cracking Index	81	86			
Patching Index	100	100			
Rutting Index	91	91			
Roughness Condition Index (RCI)	76	NC			

NC - Not Collected

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

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

ROUTE: 0501 BATTERY 234 LOOP ROAD
GUIS : GULF ISLANDS NATIONAL SEASHORE

COLLECTED: 6/4/2009
SOUTHEAST REGION **TOTAL LENGTH: 0.62 Miles**

Section Number	0				
Section Length (mi)	0.62				
Traffic	Traffic data may be found at www.efl.fhwa.dot.gov Click on PROGRAMS / NPS Traffic Data (Note: Not all parks have traffic data)				
AADT					
SADT					
ADT Date					
Cross Section Information					
Number of Lanes	1				
Paved Width (ft)	12				
Lane Width (ft)	12				
Shoulder Width Right (ft)	NC				
Shoulder Width Left (ft)	NC				
Roadway Condition Information					
SCR (Surface Condition Rating)	88				
PCR (Pavement Condition Rating)	90				
Distress Index Values					
Alligator Cracking Index	100				
Longitudinal Cracking Index	99				
Tranverse Cracking Index	92				
Patching Index	100				
Rutting Index	97				
Roughness Condition Index (RCI)	95				

NC - Not Collected

ROUTE: 0501 BATTERY 234 LOOP ROAD

Gulf Islands National Seashore

Section 6
Manually Rated Paved Route Condition Rating Sheets (MRR)

GULF ISLANDS NATIONAL SEASHORE
Route 0201
FORT PICKENS CAMPGROUND LOOPS B-E
FROM ROUTE 0012 (FORT PICKENS ROAD) AT MP 5.76
THROUGH CAMPGROUND

Route Number	Public / NonPublic	Date Visited		Area (sq ft)	Lane Miles *	Surface Type
0201	PUBLIC	2/27/2009		73,709	1.27	AS
Culverts	**Drop Inlets**	**Gates**	**Fire Hydrants**	**Curb & Gutter**	**Curb**	**PCR**
0	0	0	0	NO CURB AND GUTTER	NO CURB	GOOD/90

* Lane miles are based on 11' lane widths

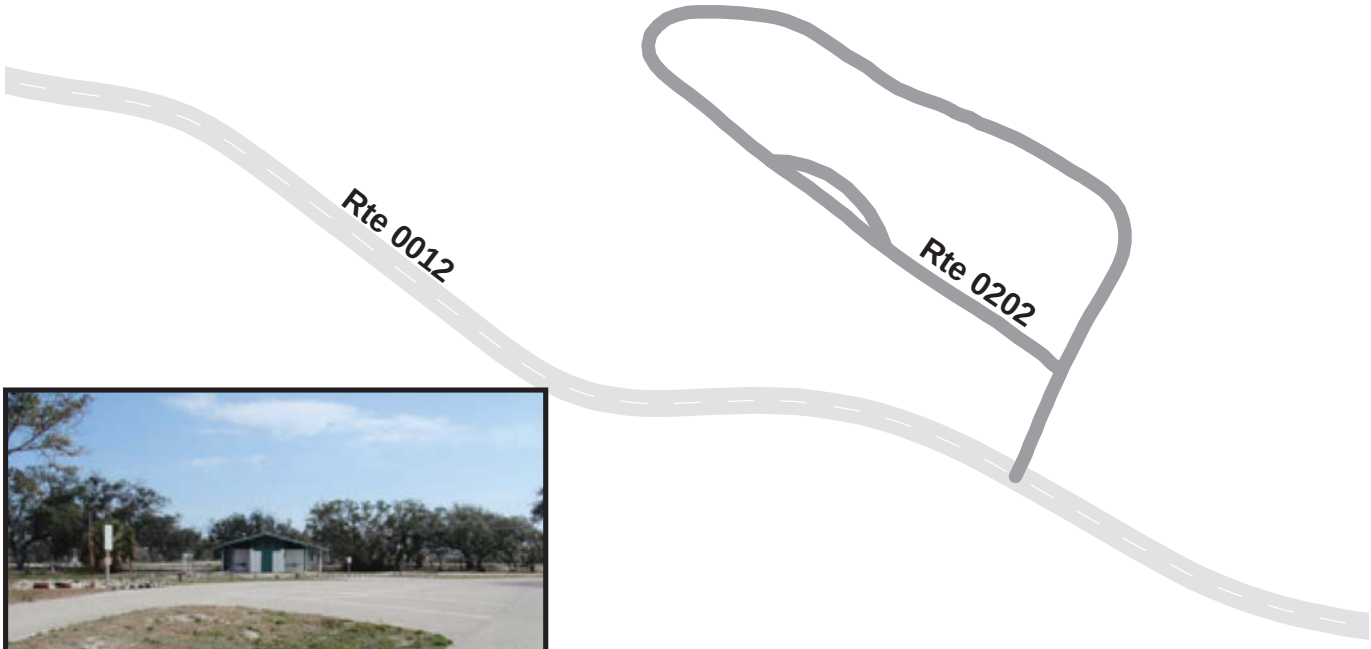
560 280 0 560
Feet

6-1

GULF ISLANDS NATIONAL SEASHORE
Route 0202
FORT PICKENS CAMPGROUND LOOP A
FROM ROUTE 0012 (FORT PICKENS ROAD) AT MP 5.44
TO END OF LOOP

Route Number	Public / NonPublic	Date Visited		Area (sq ft)	Lane Miles *	Surface Type
0202	PUBLIC	2/27/2009		20,117	0.35	AS
Culverts	**Drop Inlets**	**Gates**	**Fire Hydrants**	**Curb & Gutter**	**Curb**	**PCR**
0	0	1	0	NO CURB AND GUTTER	NO CURB	FAIR/73

* Lane miles are based on 11' lane widths

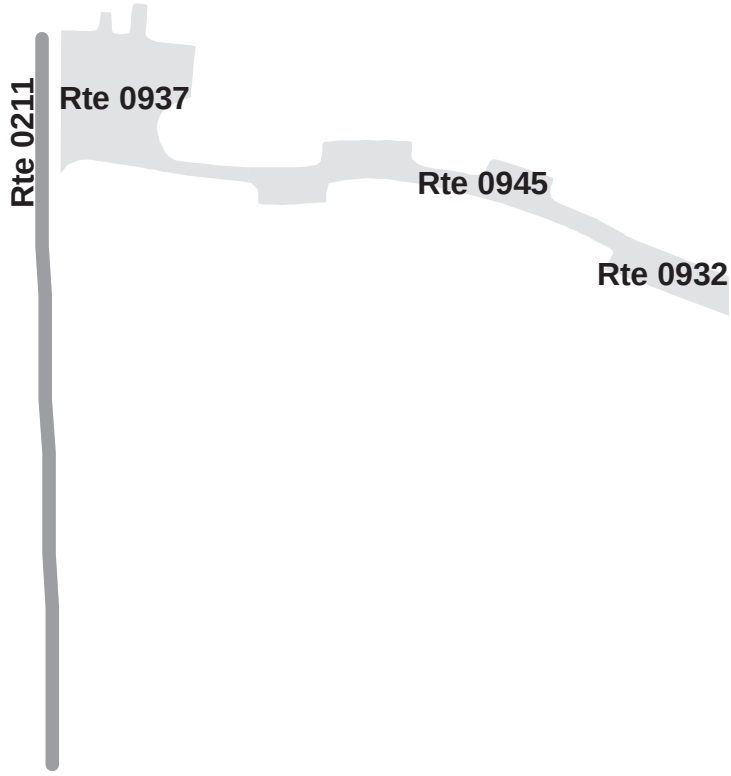


400 200 0 400
Feet

GULF ISLANDS NATIONAL SEASHORE
Route 0211
OKALOOSA WEST ACCESS ROAD
FROM US ROUTE 98 (MIRACLE STRIP PARKWAY)
TO DEAD END AND ROUTE 0937 ON RIGHT

Route Number	Public / NonPublic	Date Visited		Area (sq ft)	Lane Miles *	Surface Type
0211	PUBLIC	6/4/2009		12,566	0.22	AS
Culverts	**Drop Inlets**	**Gates**	**Fire Hydrants**	**Curb & Gutter**	**Curb**	**PCR**
0	0	0	0	NO CURB AND GUTTER	NO CURB	FAIR/73

* Lane miles are based on 11' lane widths

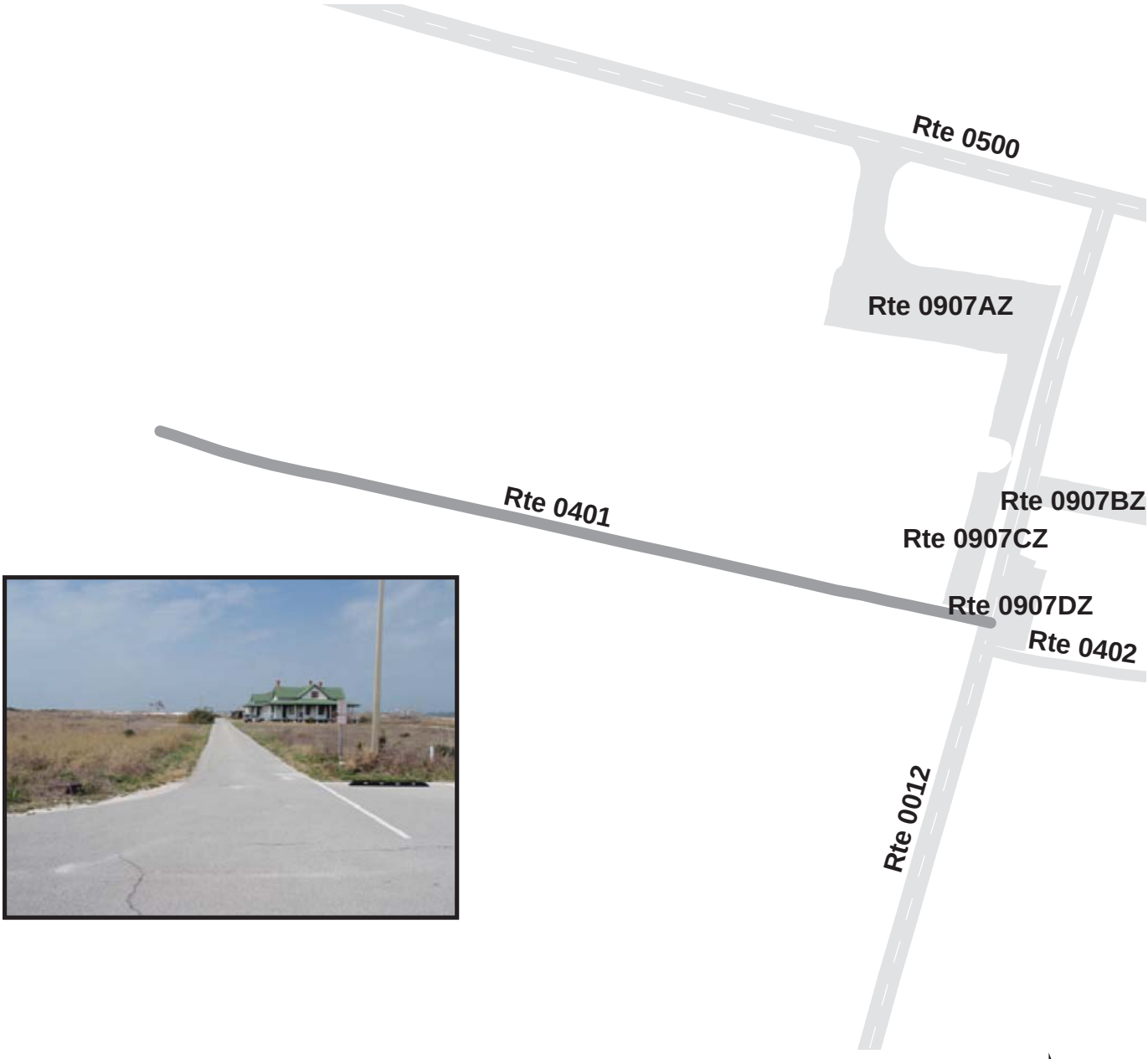


300 150 0 300
Feet

GULF ISLANDS NATIONAL SEASHORE
Route 0401
FORT PICKENS DISTRICT OFFICE ROAD
FROM ROUTE 0012 (FORT PICKENS ROAD) AT MP 7.12, LEFT
TO END OF PAVEMENT

Route Number	Public / NonPublic	Date Visited		Area (sq ft)	Lane Miles *	Surface Type
0401	PUBLIC	2/27/2009		7,350	0.13	AS
Culverts	**Drop Inlets**	**Gates**	**Fire Hydrants**	**Curb & Gutter**	**Curb**	**PCR**
0	0	0	0	NO CURB AND GUTTER	NO CURB	GOOD/90

* Lane miles are based on 11' lane widths



GULF ISLANDS NATIONAL SEASHORE
Route 0402
FORT PICKENS SERVICE ROAD
FROM ROUTE 0012 (FORT PICKENS ROAD) AT MP 7.11, RIGHT
TO ROUTE 0500 (FORT PICKENS LOOP ROAD) AT MP 0.38

Route Number	Public / NonPublic	Date Visited		Area (sq ft)	Lane Miles *	Surface Type
0402	PUBLIC	2/27/2009		9,124	0.16	AS
Culverts	**Drop Inlets**	**Gates**	**Fire Hydrants**	**Curb & Gutter**	**Curb**	**PCR**
0	0	0	0	NO CURB AND GUTTER	NO CURB	POOR/45

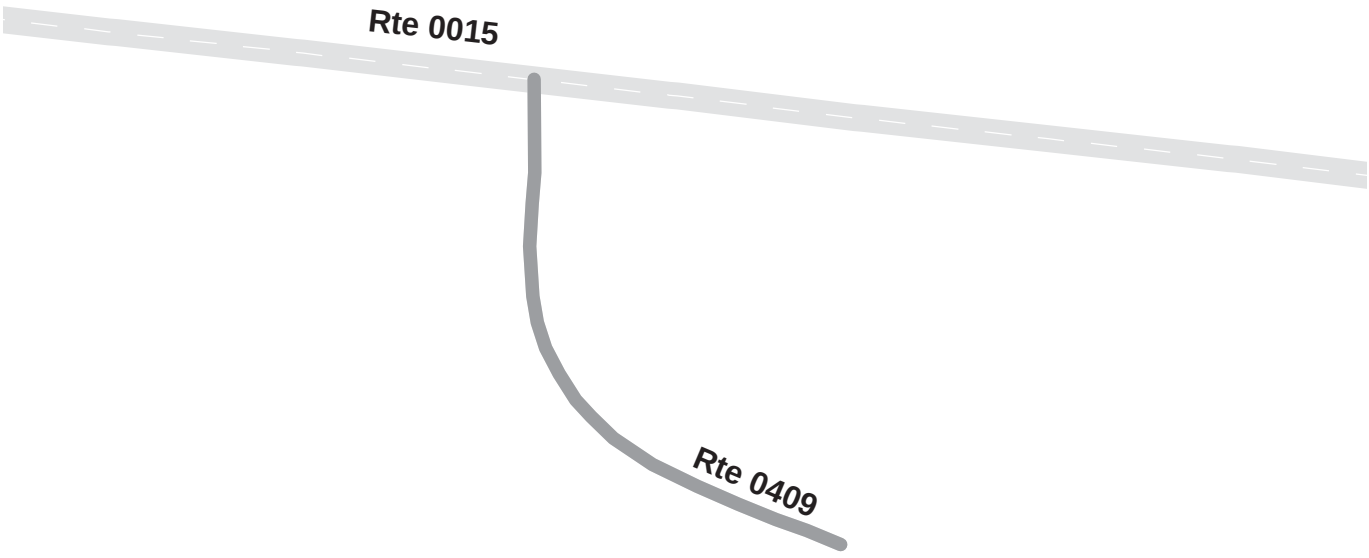
* Lane miles are based on 11' lane widths

220 110 0 220
Feet

GULF ISLANDS NATIONAL SEASHORE
Route 0409
CEDAR POINT CAMPUS ROAD
FROM ROUTE 0015 (PARK ROAD)
TO END OF PAVEMENT

Route Number	Public / NonPublic	Date Visited		Area (sq ft)	Lane Miles *	Surface Type
0409	NONPUBLIC	2/28/2009		2,735	0.05	AS
Culverts	**Drop Inlets**	**Gates**	**Fire Hydrants**	**Curb & Gutter**	**Curb**	**PCR**
0	0	0	0	NO CURB AND GUTTER	NO CURB	EXCELLENT/97

* Lane miles are based on 11' lane widths



100 50 0 100
Feet

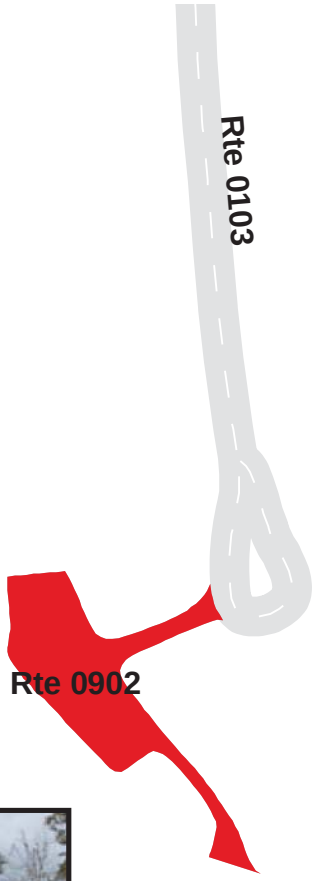
Gulf Islands National Seashore

Section 7
Parking Area Condition Rating Sheets

GULF ISLANDS NATIONAL SEASHORE
Route 0902
DAVIS BAYOU BOAT DOCK PARKING
FROM END OF ROUTE 0103 (BOAT LAUNCH ROAD)
TO PARKING

Route Number	Public / NonPublic	Date Visited		Area (sq ft)	Lane Miles *	Surface Type
0902	PUBLIC	2/28/2009		13,722	0.24	AS
Culverts	**Drop Inlets**	**Gates**	**Fire Hydrants**	**Curb & Gutter**	**Curb**	**PCR**
0	0	0	0	NO CURB AND GUTTER	NO CURB	FAIR/73

* Lane miles are based on 11' lane widths

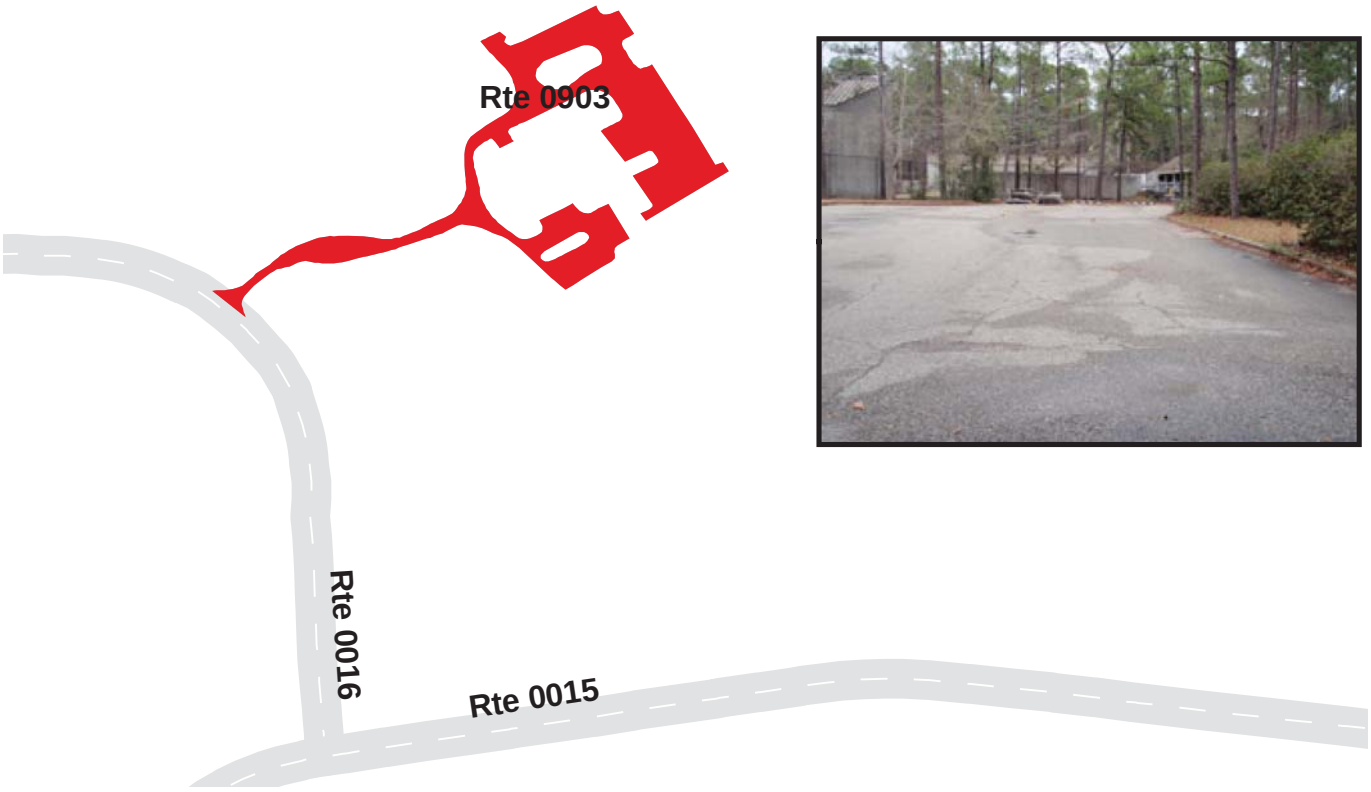


250 125 0 250
Feet

GULF ISLANDS NATIONAL SEASHORE
Route 0903
DAVIS BAYOU MAINTENANCE PARKING
FROM ROUTE 0016 (HANLEY ROAD)
TO PARKING

Route Number	Public / NonPublic	Date Visited		Area (sq ft)	Lane Miles *	Surface Type
0903	NONPUBLIC	2/28/2009		51,498	0.89	AS
Culverts	**Drop Inlets**	**Gates**	**Fire Hydrants**	**Curb & Gutter**	**Curb**	**PCR**
0	0	1	2	NO CURB AND GUTTER	ASPHALT & CONCRETE	GOOD/90

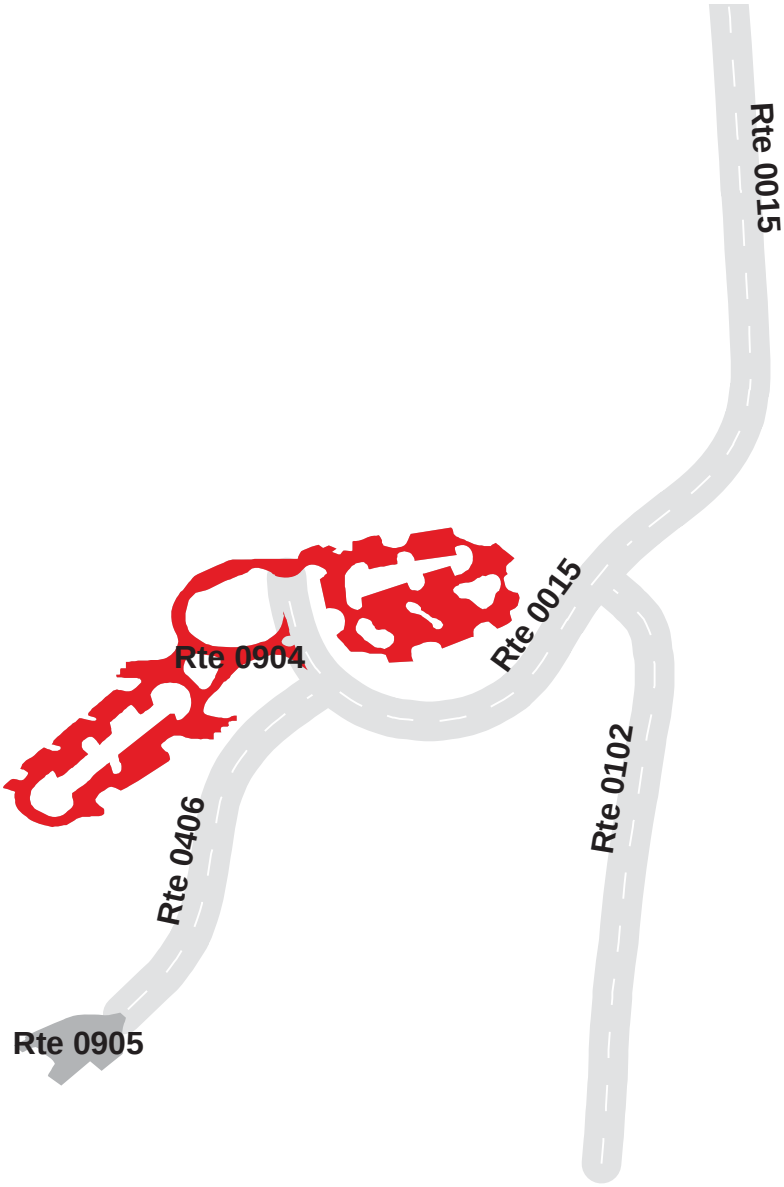
* Lane miles are based on 11' lane widths



GULF ISLANDS NATIONAL SEASHORE
Route 0904
DAVIS BAYOU VISITOR CENTER PARKING
FROM END OF ROUTE 0015 (PARK ROAD) ON LEFT AND RIGHT
TO PARKING

Route Number	Public / NonPublic	Date Visited		Area (sq ft)	Lane Miles *	Surface Type
0904	PUBLIC	2/28/2009		88,445	1.52	AS
Culverts	**Drop Inlets**	**Gates**	**Fire Hydrants**	**Curb & Gutter**	**Curb**	**PCR**
0	0	0	2	NO CURB AND GUTTER	CONCRETE CURB	GOOD/90

* Lane miles are based on 11' lane widths



400 200 0 400
Feet

GULF ISLANDS NATIONAL SEASHORE
Route 0905
GOVERNMENT BOAT LAUNCH PARKING
FROM END OF ROUTE 0406 (DAVIS BAYOU GOVERNMENT BOAT LAUNCH ROAD)
TO BOAT DOCK

Route Number	Public / NonPublic	Date Visited		Area (sq ft)	Lane Miles *	Surface Type
0905	PUBLIC	2/28/2009		13,060	0.23	AS
Culverts	**Drop Inlets**	**Gates**	**Fire Hydrants**	**Curb & Gutter**	**Curb**	**PCR**
0	5	1	1	CONCRETE CURB AND GUTTER	NO CURB	GOOD/90

* Lane miles are based on 11' lane widths

GULF ISLANDS NATIONAL SEASHORE

Route 0906

JOHNSON BEACH ACCESS PARKING

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

TO PARKING

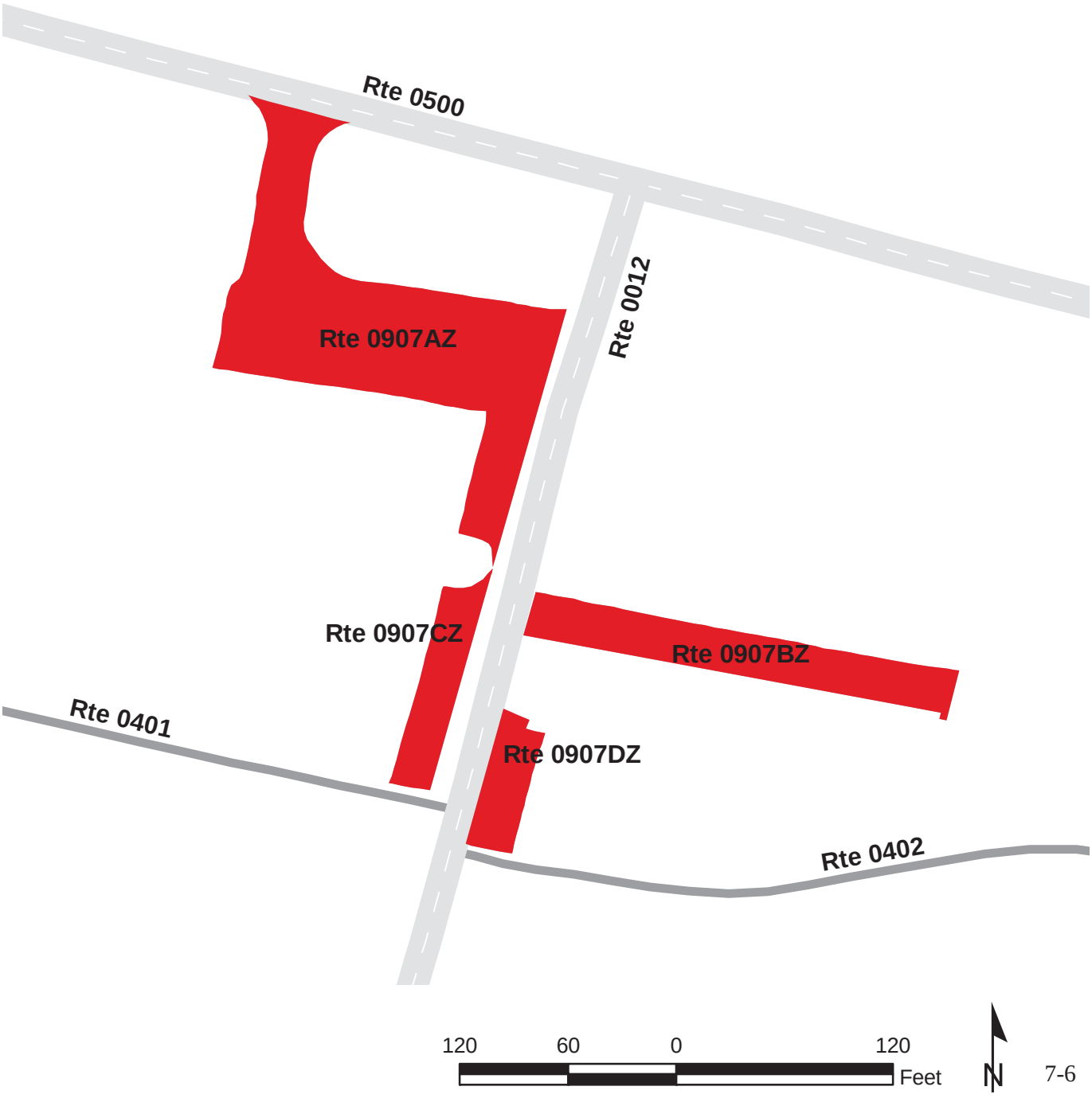
Route Number	Public / NonPublic	Date Visited		Area (sq ft)	Lane Miles *	Surface Type
0906	PUBLIC	2/27/2009		153,044	2.64	AS
Culverts	**Drop Inlets**	**Gates**	**Fire Hydrants**	**Curb & Gutter**	**Curb**	**PCR**
0	0	0	1	CONCRETE CURB AND GUTTER	NO CURB	GOOD/90

* Lane miles are based on 11' lane widths

GULF ISLANDS NATIONAL SEASHORE
Route 0907ZZ
FORT PICKENS DISTRICT PARKING LOTS
FROM ROUTE 0012 (FORT PICKENS ROAD) ON LEFT AND RIGHT
TO ROUTE 0500 (FORT PICKENS LOOP ROAD)
Summary Record

Route Number	Public / NonPublic	Date Visited		Area (sq ft)	Lane Miles *	Surface Type
0907ZZ	PUBLIC	2/27/2009		22,500	0.39	AS
Culverts	**Drop Inlets**	**Gates**	**Fire Hydrants**	**Curb & Gutter**	**Curb**	**PCR**
0	0	0	1	NO CURB AND GUTTER	NO CURB	SUMMARY/69.85

* Lane miles are based on 11' lane widths

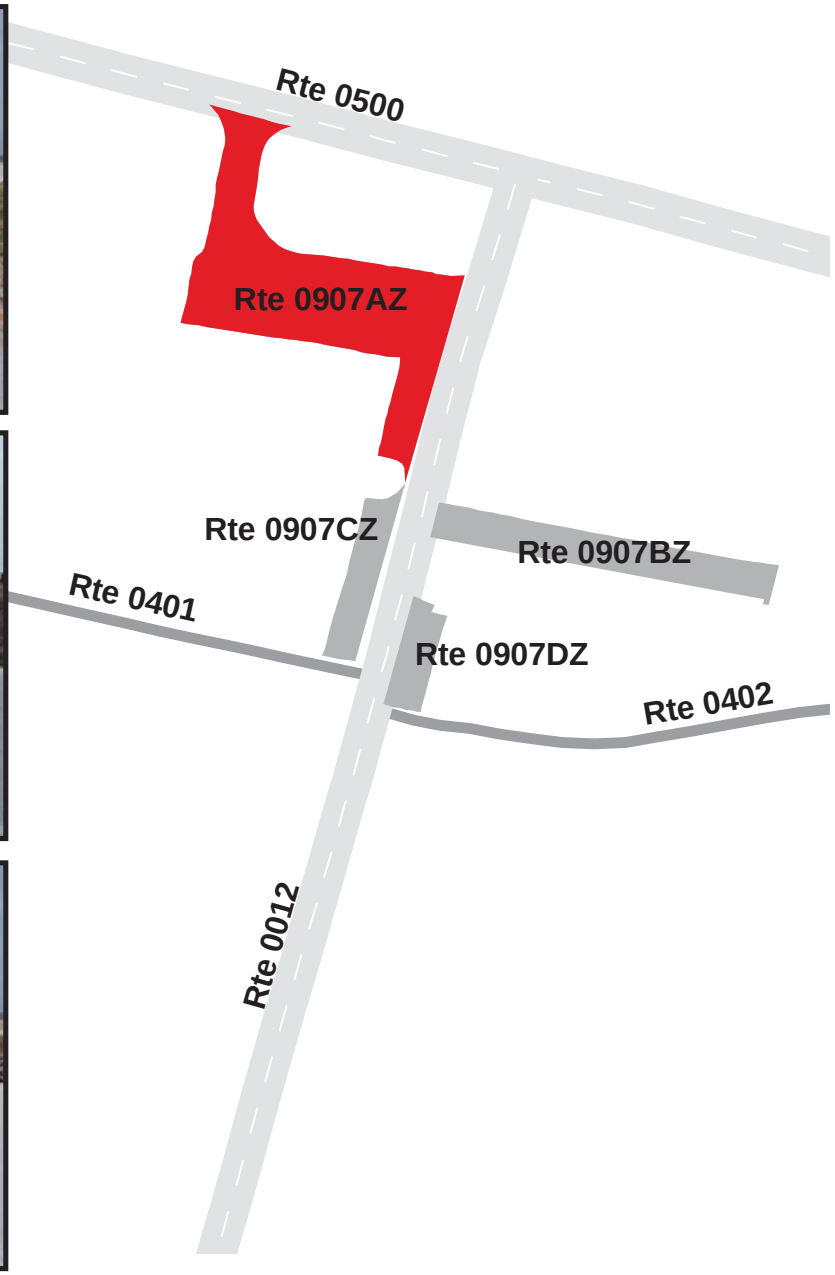


GULF ISLANDS NATIONAL SEASHORE
Route 0907AZ

FORT PICKENS DISTRICT PARKING A
FROM ROUTE 0012 (FORT PICKENS ROAD)
TO ROUTE 0500 (FORT PICKENS LOOP ROAD)
Subcomponent Record

Route Number	Public / NonPublic	Date Visited		Area (sq ft)	Lane Miles *	Surface Type
0907AZ	PUBLIC	2/27/2009		13,625	0.24	AS
Culverts	**Drop Inlets**	**Gates**	**Fire Hydrants**	**Curb & Gutter**	**Curb**	**PCR**
0	0	0	0	NO CURB AND GUTTER	NO CURB	FAIR/73

* Lane miles are based on 11' lane widths



GULF ISLANDS NATIONAL SEASHORE
Route 0907BZ
FORT PICKENS DISTRICT PARKING B
FROM ROUTE 0012 (FORT PICKENS ROAD)
TO PARKING
Subcomponent Record

Route Number	Public / NonPublic	Date Visited		Area (sq ft)	Lane Miles *	Surface Type
0907BZ	PUBLIC	2/27/2009		4,954	0.09	AS
Culverts	**Drop Inlets**	**Gates**	**Fire Hydrants**	**Curb & Gutter**	**Curb**	**PCR**
0	0	0	1	NO CURB AND GUTTER	NO CURB	POOR/45

* Lane miles are based on 11' lane widths

GULF ISLANDS NATIONAL SEASHORE
Route 0907CZ
FORT PICKENS DISTRICT PARKING C
ADJACENT TO ROUTE 0012 (FORT PICKENS ROAD)

Subcomponent Record

Route Number	Public / NonPublic	Date Visited		Area (sq ft)	Lane Miles *	Surface Type
0907CZ	PUBLIC	2/27/2009		2,296	0.04	AS
Culverts	**Drop Inlets**	**Gates**	**Fire Hydrants**	**Curb & Gutter**	**Curb**	**PCR**
0	0	0	0	NO CURB AND GUTTER	NO CURB	GOOD/90

* Lane miles are based on 11' lane widths

GULF ISLANDS NATIONAL SEASHORE
Route 0907DZ
FORT PICKENS DISTRICT PARKING D
ADJACENT TO ROUTE 0012 (FORT PICKENS ROAD)

Subcomponent Record

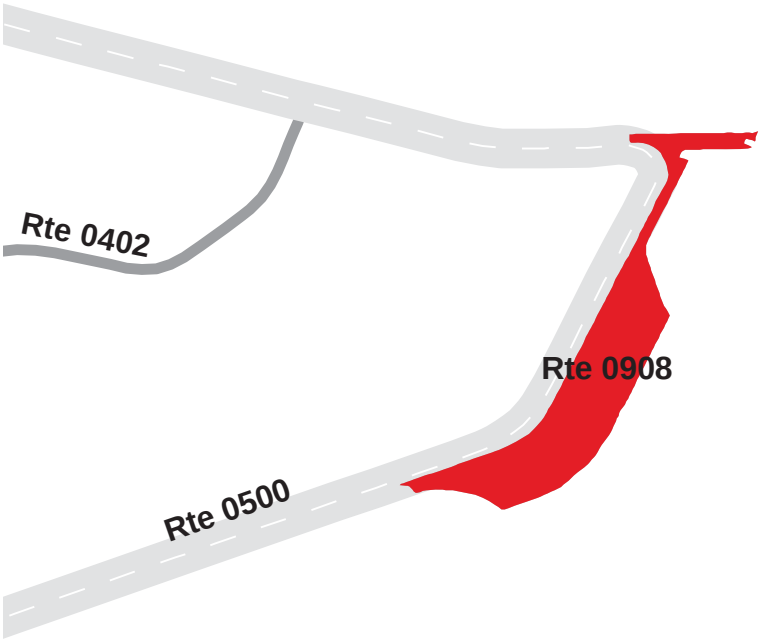
Route Number	Public / NonPublic	Date Visited		Area (sq ft)	Lane Miles *	Surface Type
0907DZ	PUBLIC	2/27/2009		1,625	0.03	AS
Culverts	**Drop Inlets**	**Gates**	**Fire Hydrants**	**Curb & Gutter**	**Curb**	**PCR**
0	0	0	0	NO CURB AND GUTTER	NO CURB	GOOD/90

* Lane miles are based on 11' lane widths

GULF ISLANDS NATIONAL SEASHORE
Route 0908
FORT PARKING
ADJACENT TO ROUTE 0500 (FORT PICKENS LOOP ROAD)

Route Number	Public / NonPublic	Date Visited		Area (sq ft)	Lane Miles *	Surface Type
0908	PUBLIC	2/27/2009		38,040	0.66	AS
Culverts	**Drop Inlets**	**Gates**	**Fire Hydrants**	**Curb & Gutter**	**Curb**	**PCR**
0	0	0	0	NO CURB AND GUTTER	CONCRETE CURB	FAIR/73

* Lane miles are based on 11' lane widths



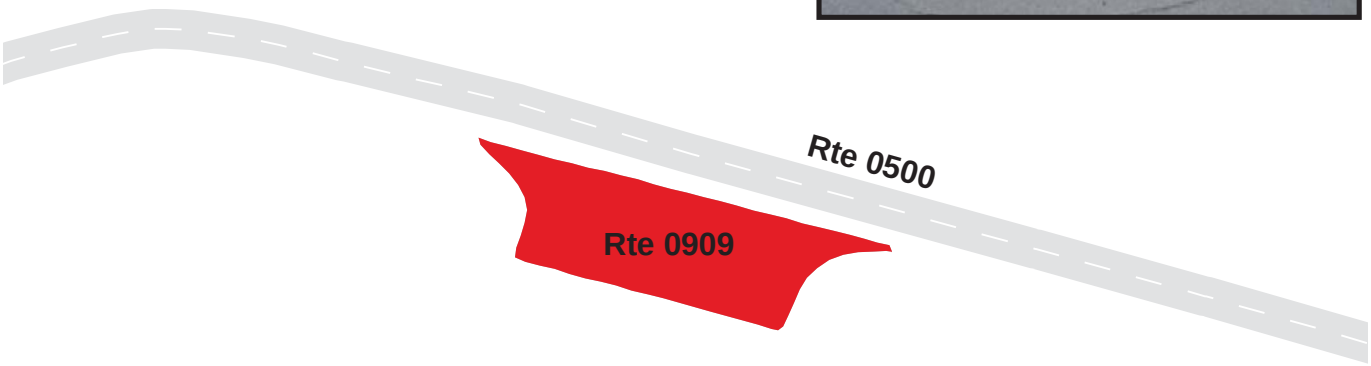
420 210 0 420 Feet

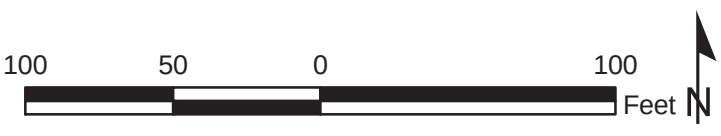
N

GULF ISLANDS NATIONAL SEASHORE
Route 0909
BATTERY TRUMAN PARKING
ADJACENT TO ROUTE 0500 (FORT PICKENS LOOP ROAD)

Route Number	Public / NonPublic	Date Visited		Area (sq ft)	Lane Miles *	Surface Type
0909	PUBLIC	2/27/2009		3,349	0.06	AS
Culverts	**Drop Inlets**	**Gates**	**Fire Hydrants**	**Curb & Gutter**	**Curb**	**PCR**
0	0	0	0	NO CURB AND GUTTER	NO CURB	FAIR/73

* Lane miles are based on 11' lane widths

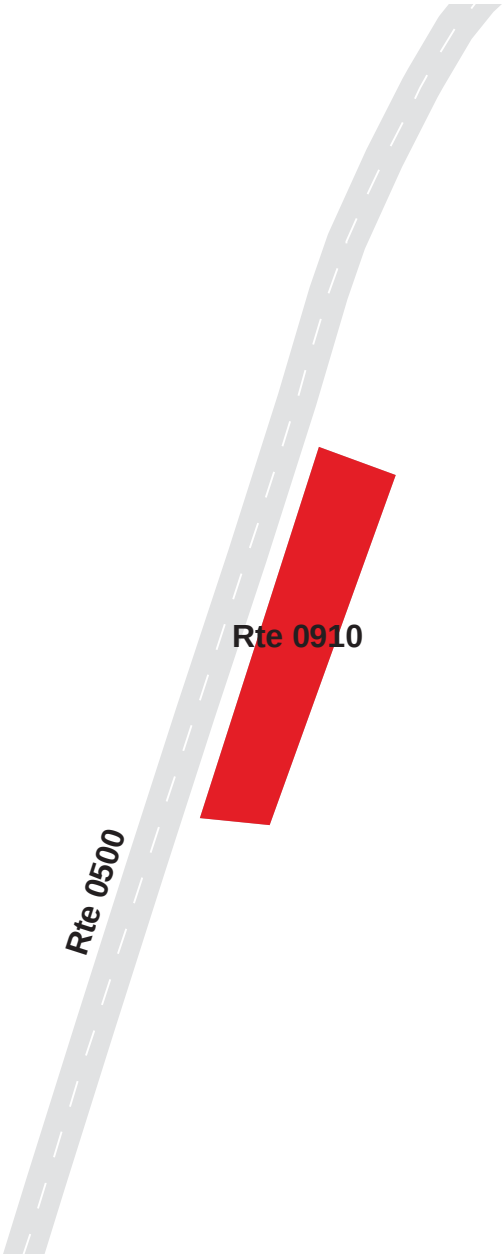




GULF ISLANDS NATIONAL SEASHORE
Route 0910
JETTIES RESTROOM PARKING
ADJACENT TO ROUTE 0500 (FORT PICKENS LOOP ROAD)

Route Number	Public / NonPublic	Date Visited		Area (sq ft)	Lane Miles *	Surface Type
0910	PUBLIC	2/27/2009		2,582	0.04	AS
Culverts	**Drop Inlets**	**Gates**	**Fire Hydrants**	**Curb & Gutter**	**Curb**	**PCR**
0	0	0	0	NO CURB AND GUTTER	NO CURB	FAIR/73

* Lane miles are based on 11' lane widths



100 50 0 100 Feet

GULF ISLANDS NATIONAL SEASHORE
Route 0911
BATTERY PAYNE PARKING
ADJACENT TO ROUTE 0500 (FORT PICKENS LOOP ROAD)

Route Number	Public / NonPublic	Date Visited		Area (sq ft)	Lane Miles *	Surface Type
0911	PUBLIC	2/27/2009		3,840	0.07	AS
Culverts	**Drop Inlets**	**Gates**	**Fire Hydrants**	**Curb & Gutter**	**Curb**	**PCR**
0	0	0	0	NO CURB AND GUTTER	NO CURB	FAIR/73

* Lane miles are based on 11' lane widths

100 50 0 100 Feet N

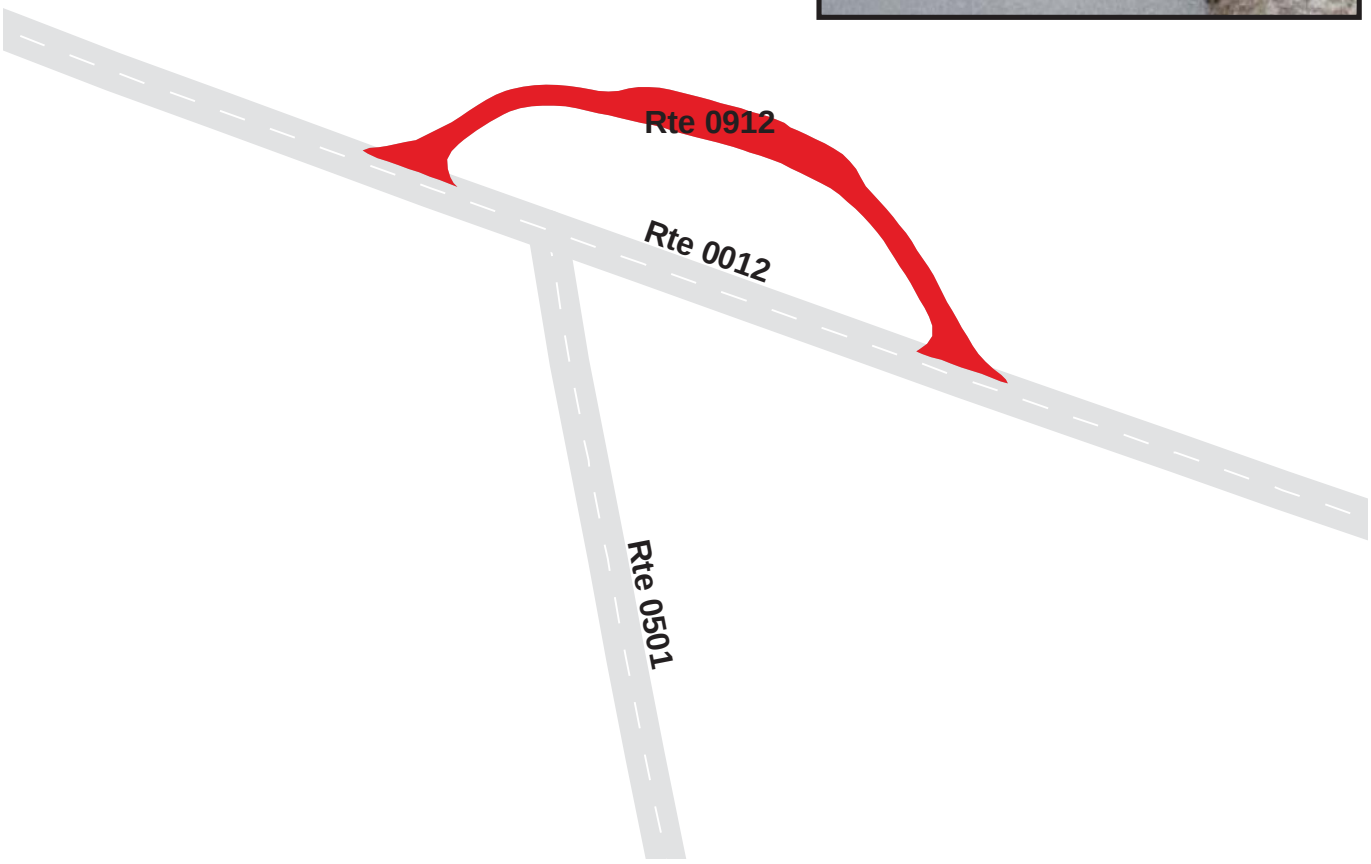
GULF ISLANDS NATIONAL SEASHORE
Route 0912
GRAVES PARKING

FROM ROUTE 0012 (FORT PICKENS ROAD) AT MP 6.43

TO ROUTE 0012 (FORT PICKENS ROAD)

Route Number	Public / NonPublic	Date Visited		Area (sq ft)	Lane Miles *	Surface Type
0912	PUBLIC	2/27/2009		5,206	0.09	AS
Culverts	**Drop Inlets**	**Gates**	**Fire Hydrants**	**Curb & Gutter**	**Curb**	**PCR**
0	0	0	0	NO CURB AND GUTTER	NO CURB	GOOD/90

* Lane miles are based on 11' lane widths



GULF ISLANDS NATIONAL SEASHORE
Route 0913
BATTERY 234 PARKING
ADJACENT TO ROUTE 0501 (BATTERY 234 LOOP ROAD)

Route Number	Public / NonPublic	Date Visited		Area (sq ft)	Lane Miles *	Surface Type
0913	PUBLIC	2/27/2009		3,604	0.06	AS
Culverts	**Drop Inlets**	**Gates**	**Fire Hydrants**	**Curb & Gutter**	**Curb**	**PCR**
0	0	0	0	NO CURB AND GUTTER	NO CURB	GOOD/90

* Lane miles are based on 11' lane widths

80 40 0 80 Feet

GULF ISLANDS NATIONAL SEASHORE
Route 0914
BATTERY COOPER PARKING
ADJACENT TO ROUTE 0501 (BATTERY 234 LOOP ROAD)

Route Number	Public / NonPublic	Date Visited		Area (sq ft)	Lane Miles *	Surface Type
0914	PUBLIC	2/27/2009		3,353	0.06	AS
Culverts	**Drop Inlets**	**Gates**	**Fire Hydrants**	**Curb & Gutter**	**Curb**	**PCR**
0	0	0	0	NO CURB AND GUTTER	NO CURB	GOOD/90

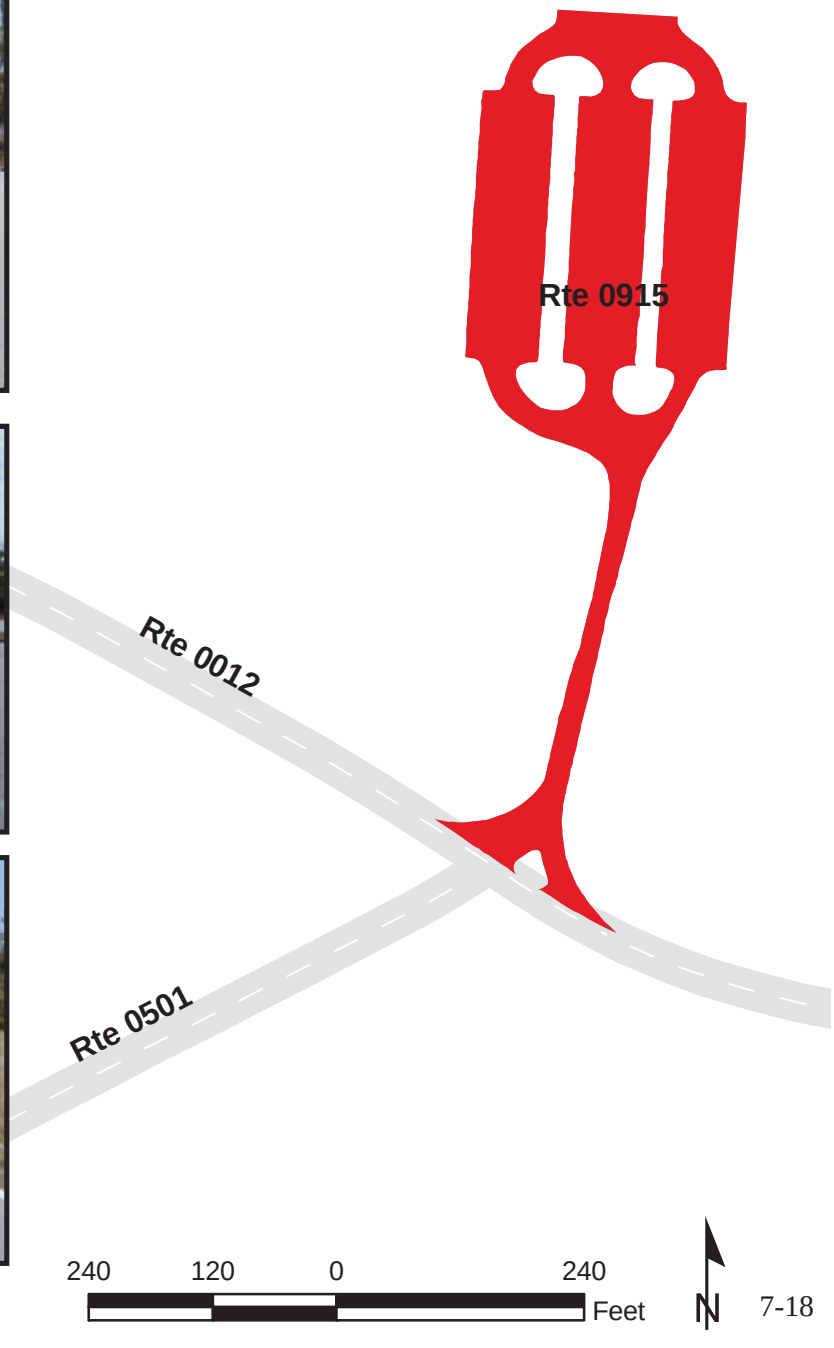
* Lane miles are based on 11' lane widths

90 45 0 90 Feet

GULF ISLANDS NATIONAL SEASHORE
Route 0915
BATTERY WORTH PICNIC AREA PARKING
FROM ROUTE 0012 (FORT PICKENS ROAD) AT MP 6.01 ON RIGHT
TO PARKING

Route Number	Public / NonPublic	Date Visited		Area (sq ft)	Lane Miles *	Surface Type
0915	PUBLIC	2/27/2009		76,862	1.32	AS
Culverts	**Drop Inlets**	**Gates**	**Fire Hydrants**	**Curb & Gutter**	**Curb**	**PCR**
0	0	0	0	NO CURB AND GUTTER	NO CURB	GOOD/90

* Lane miles are based on 11' lane widths



GULF ISLANDS NATIONAL SEASHORE

Route 0916

CAMPGROUND STORE PARKING

ADJACENT TO ROUTE 0012 (FORT PICKENS ROAD) AND ROUTE 0201 (FORT PICKENS CAMPGROUND LOOPS B-E)

Route Number	Public / NonPublic	Date Visited		Area (sq ft)	Lane Miles *	Surface Type
0916	PUBLIC	2/27/2009		12,371	0.21	AS
Culverts	**Drop Inlets**	**Gates**	**Fire Hydrants**	**Curb & Gutter**	**Curb**	**PCR**
0	0	0	0	NO CURB AND GUTTER	NO CURB	FAIR/73

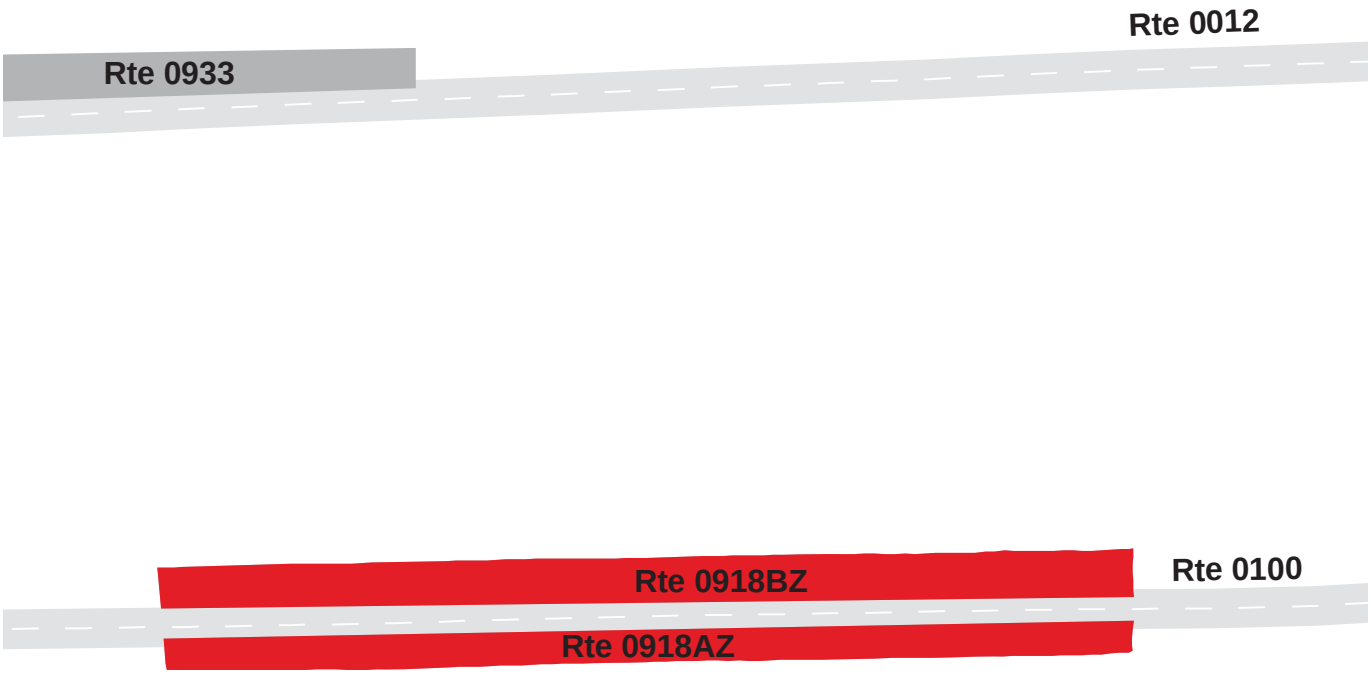
* Lane miles are based on 11' lane widths

GULF ISLANDS NATIONAL SEASHORE
Route 0918ZZ
LANGDON BEACH PARKING LOTS
ADJACENT TO ROUTE 0100 (LANGDON BEACH ACCESS ROAD) ON LEFT AND RIGHT

Summary Record

Route Number	Public / NonPublic	Date Visited		Area (sq ft)	Lane Miles *	Surface Type
0918ZZ	PUBLIC	2/27/2009		23,051	0.40	AS
Culverts	**Drop Inlets**	**Gates**	**Fire Hydrants**	**Curb & Gutter**	**Curb**	**PCR**
0	0	0	0	NO CURB AND GUTTER	NO CURB	SUMMARY/73

* Lane miles are based on 11' lane widths

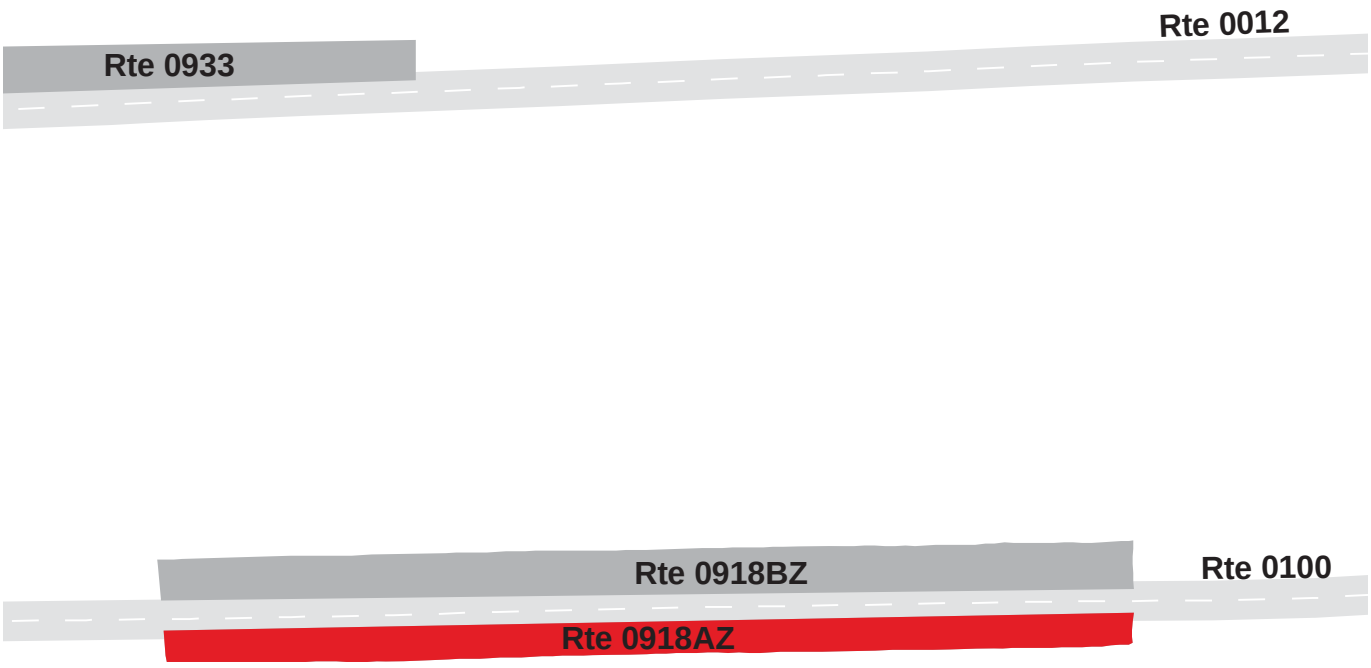


GULF ISLANDS NATIONAL SEASHORE
Route 0918AZ
LANGDON BEACH PARKING A
ADJACENT TO ROUTE 0100 (LANGDON BEACH ACCESS ROAD) ON RIGHT

Subcomponent Record

Route Number	Public / NonPublic	Date Visited		Area (sq ft)	Lane Miles *	Surface Type
0918AZ	PUBLIC	2/27/2009		9,749	0.17	AS
Culverts	**Drop Inlets**	**Gates**	**Fire Hydrants**	**Curb & Gutter**	**Curb**	**PCR**
0	0	0	0	NO CURB AND GUTTER	NO CURB	FAIR/73

* Lane miles are based on 11' lane widths



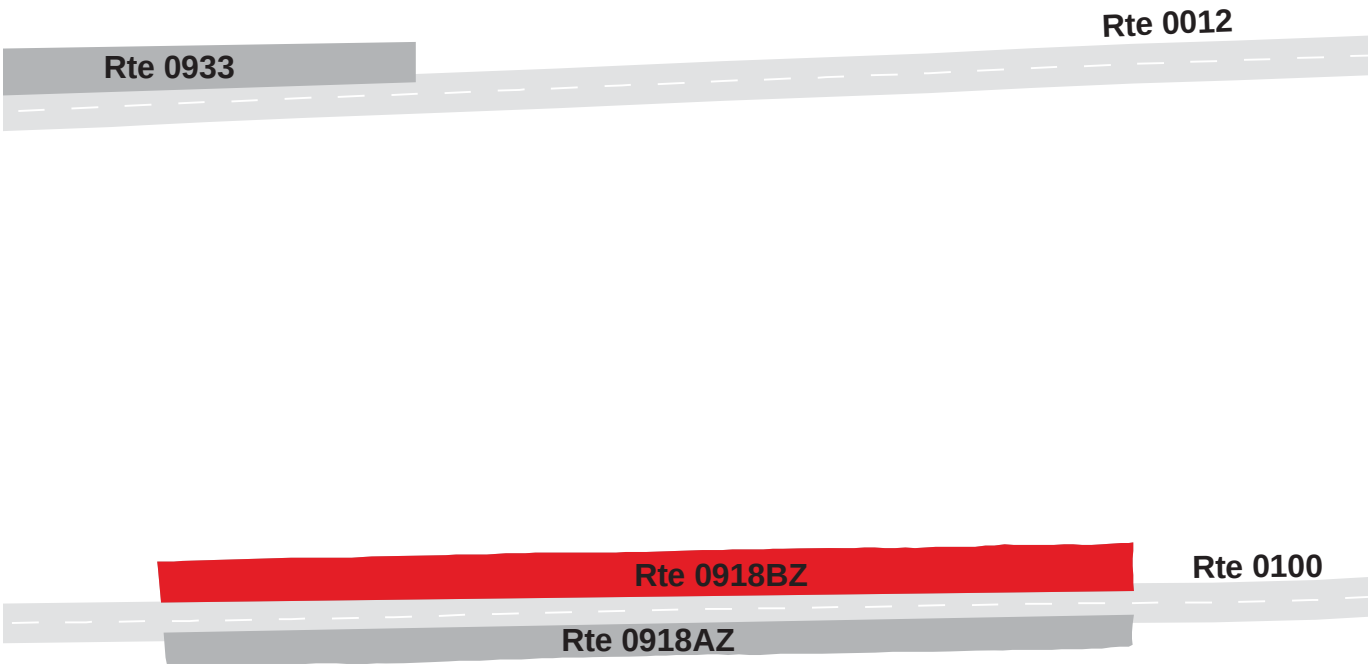
GULF ISLANDS NATIONAL SEASHORE
Route 0918BZ
LANGDON BEACH PARKING B

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

Subcomponent Record

Route Number	Public / NonPublic	Date Visited		Area (sq ft)	Lane Miles *	Surface Type
0918BZ	PUBLIC	2/27/2009		13,302	0.23	AS
Culverts	**Drop Inlets**	**Gates**	**Fire Hydrants**	**Curb & Gutter**	**Curb**	**PCR**
0	0	0	0	NO CURB AND GUTTER	NO CURB	FAIR/73

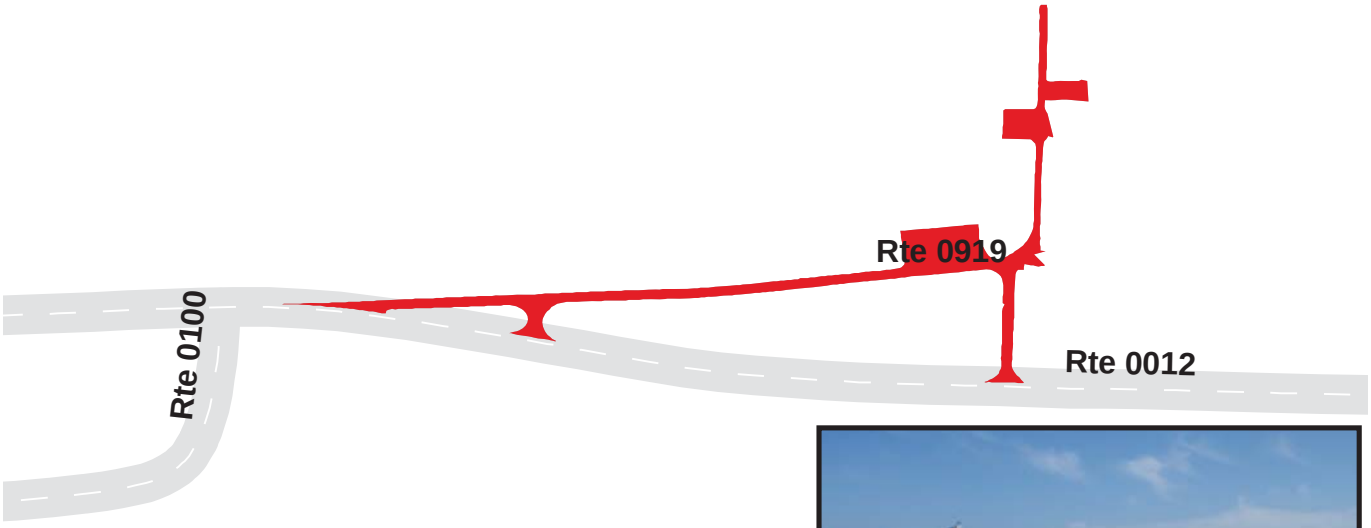
* Lane miles are based on 11' lane widths



GULF ISLANDS NATIONAL SEASHORE
Route 0919
CAMPGROUND REGISTRATION/ RANGER STATION COMPLEX PARKING
FROM ROUTE 0012 (FORT PICKENS ROAD) AT MP 4.54
TO PARKING

Route Number	Public / NonPublic	Date Visited		Area (sq ft)	Lane Miles *	Surface Type
0919	PUBLIC	2/27/2009		41,832	0.72	AS
Culverts	**Drop Inlets**	**Gates**	**Fire Hydrants**	**Curb & Gutter**	**Curb**	**PCR**
0	0	0	2	NO CURB AND GUTTER	NO CURB	POOR/45

* Lane miles are based on 11' lane widths



GULF ISLANDS NATIONAL SEASHORE
Route 0920

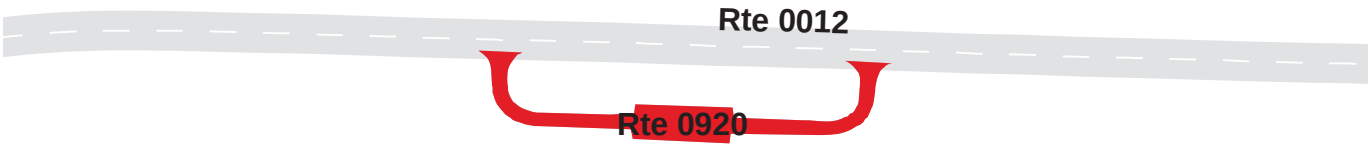
PUBLIC BEACH PARKING #22

FROM ROUTE 0012 (FORT PICKENS ROAD) AT MP 3.58

TO ROUTE 0012 (FORT PICKENS ROAD)

Route Number	Public / NonPublic	Date Visited		Area (sq ft)	Lane Miles *	Surface Type
0920	PUBLIC	6/4/2009		21,443	0.37	AS
Culverts	**Drop Inlets**	**Gates**	**Fire Hydrants**	**Curb & Gutter**	**Curb**	**PCR**
0	0	0	0	NO CURB AND GUTTER	NO CURB	EXCELLENT/97

* Lane miles are based on 11' lane widths



GULF ISLANDS NATIONAL SEASHORE
Route 0921

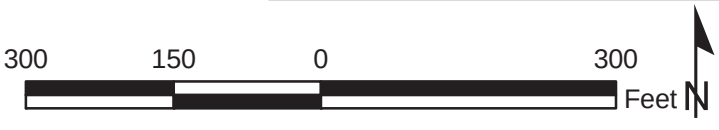
PUBLIC BEACH PARKING #21

FROM ROUTE 0012 (FORT PICKENS ROAD) AT MP 1.66

TO ROUTE 0012 (FORT PICKENS ROAD)

Route Number	Public / NonPublic	Date Visited		Area (sq ft)	Lane Miles *	Surface Type
0921	PUBLIC	6/4/2009		21,605	0.37	AS
Culverts	**Drop Inlets**	**Gates**	**Fire Hydrants**	**Curb & Gutter**	**Curb**	**PCR**
0	0	0	0	NO CURB AND GUTTER	NO CURB	EXCELLENT/97

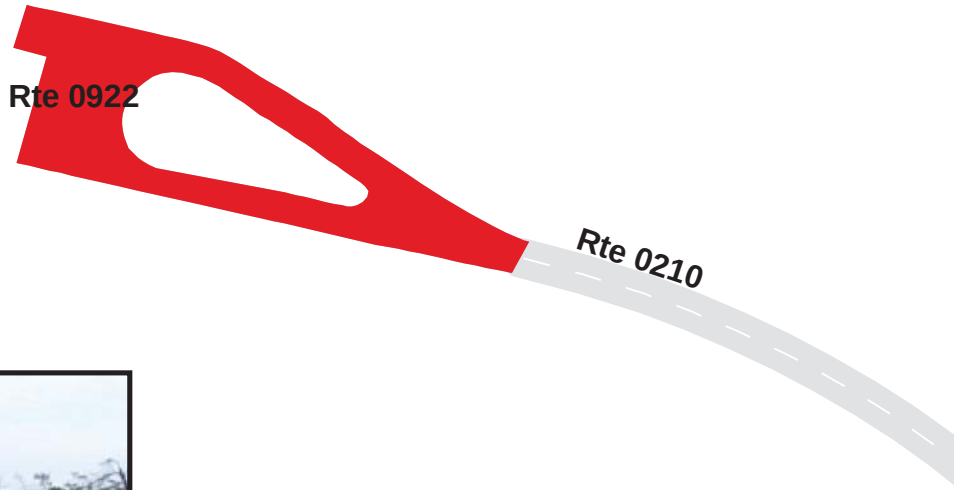
* Lane miles are based on 11' lane widths

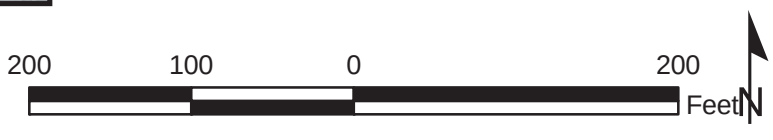


GULF ISLANDS NATIONAL SEASHORE
Route 0922
NAVAL LIVE OAKS GROUP CAMPGROUND PARKING
FROM END OF ROUTE 0210 (NAVAL LIVE OAKS ROAD)
TO PARKING

Route Number	Public / NonPublic	Date Visited		Area (sq ft)	Lane Miles *	Surface Type
0922	PUBLIC	2/28/2009		13,814	0.24	AS
Culverts	**Drop Inlets**	**Gates**	**Fire Hydrants**	**Curb & Gutter**	**Curb**	**PCR**
0	0	0	0	NO CURB AND GUTTER	NO CURB	GOOD/90

* Lane miles are based on 11' lane widths





GULF ISLANDS NATIONAL SEASHORE
Route 0923
NAVAL LIVE OAKS NORTH PARKING
FROM ROUTE 0210 (NAVAL LIVE OAKS ROAD)
TO ROUTE 0924 (NAVAL LIVE OAKS MAINTENANCE COMPLEX PARKING)

Route Number	Public / NonPublic	Date Visited		Area (sq ft)	Lane Miles *	Surface Type
0923	PUBLIC	2/28/2009		18,811	0.32	AS
Culverts	**Drop Inlets**	**Gates**	**Fire Hydrants**	**Curb & Gutter**	**Curb**	**PCR**
0	0	0	1	CONCRETE CURB AND GUTTER	NO CURB	GOOD/90

* Lane miles are based on 11' lane widths

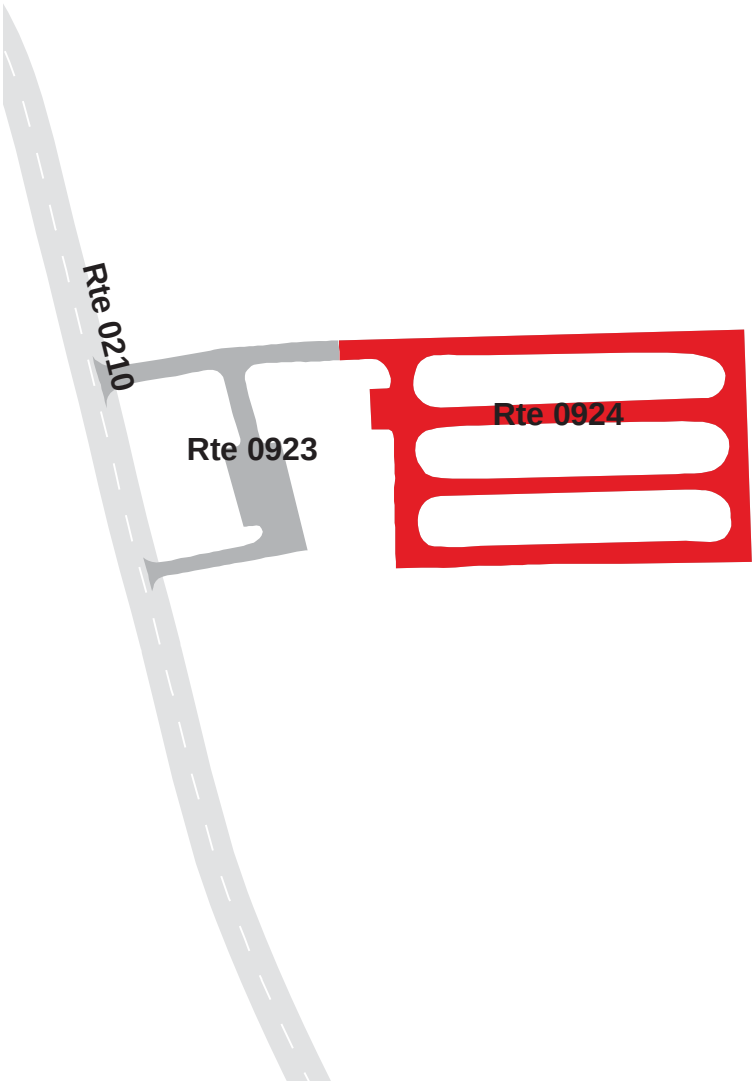
200 100 0 200 Feet

N

GULF ISLANDS NATIONAL SEASHORE
Route 0924
NAVAL LIVE OAKS MAINTENANCE COMPLEX PARKING
FROM ROUTE 0923 (NAVAL LIVE OAKS NORTH PARKING)
TO PARKING

Route Number	Public / NonPublic	Date Visited		Area (sq ft)	Lane Miles *	Surface Type
0924	PUBLIC	2/28/2009		48,566	0.84	AS
Culverts	**Drop Inlets**	**Gates**	**Fire Hydrants**	**Curb & Gutter**	**Curb**	**PCR**
0	0	1	4	CONCRETE CURB AND GUTTER	NO CURB	FAIR/73

* Lane miles are based on 11' lane widths



400 200 0 400
Feet

N

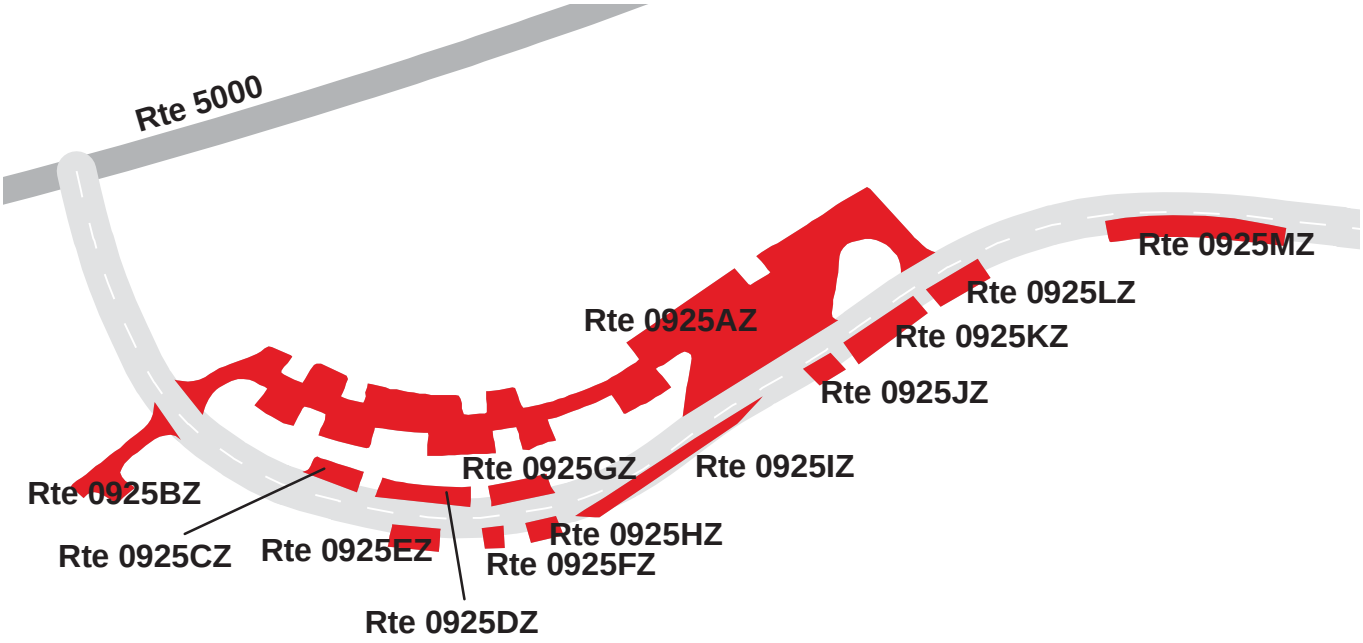
GULF ISLANDS NATIONAL SEASHORE
Route 0925ZZ
HEADQUARTERS & VISITORS CENTER PARKING LOTS

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

Summary Record

Route Number	Public / NonPublic	Date Visited		Area (sq ft)	Lane Miles *	Surface Type
0925ZZ	PUBLIC	2/28/2009		56,716	0.98	AS
Culverts	**Drop Inlets**	**Gates**	**Fire Hydrants**	**Curb & Gutter**	**Curb**	**PCR**
1	0	0	1	NO CURB AND GUTTER	NO CURB	SUMMARY/89.24

* Lane miles are based on 11' lane widths



300 150 0 300

Feet

N

GULF ISLANDS NATIONAL SEASHORE
Route 0925AZ

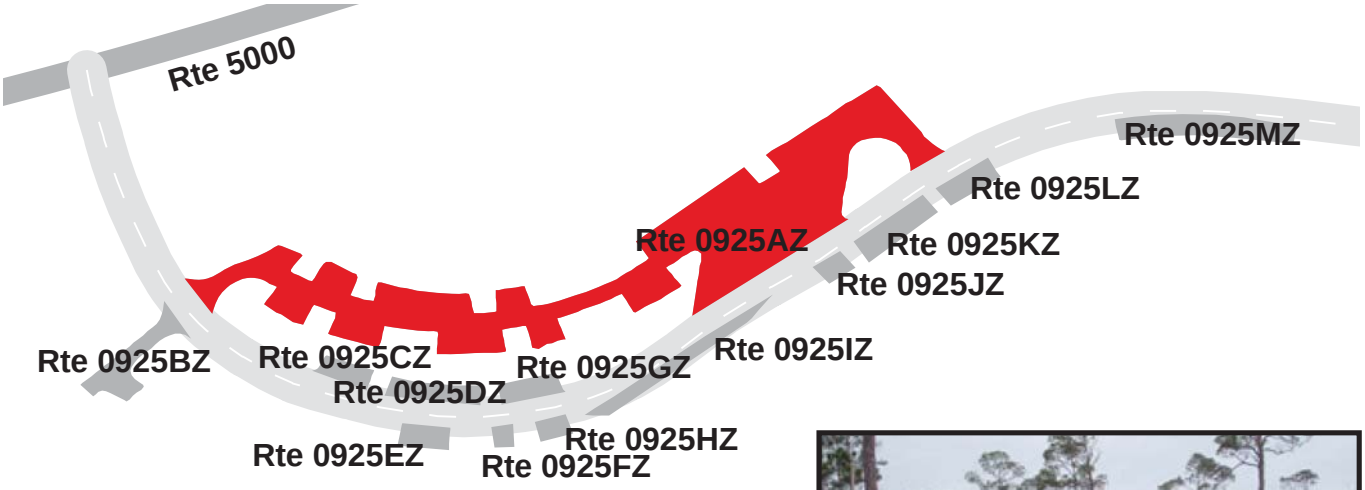
HEADQUARTERS & VISITORS CENTER PARKING A

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

Subcomponent Record

Route Number	Public / NonPublic	Date Visited		Area (sq ft)	Lane Miles *	Surface Type
0925AZ	PUBLIC	2/28/2009		38,730	0.67	AS
Culverts	**Drop Inlets**	**Gates**	**Fire Hydrants**	**Curb & Gutter**	**Curb**	**PCR**
1	0	0	0	NO CURB AND GUTTER	NO CURB	GOOD/90

* Lane miles are based on 11' lane widths



300 150 0 300
Feet

N

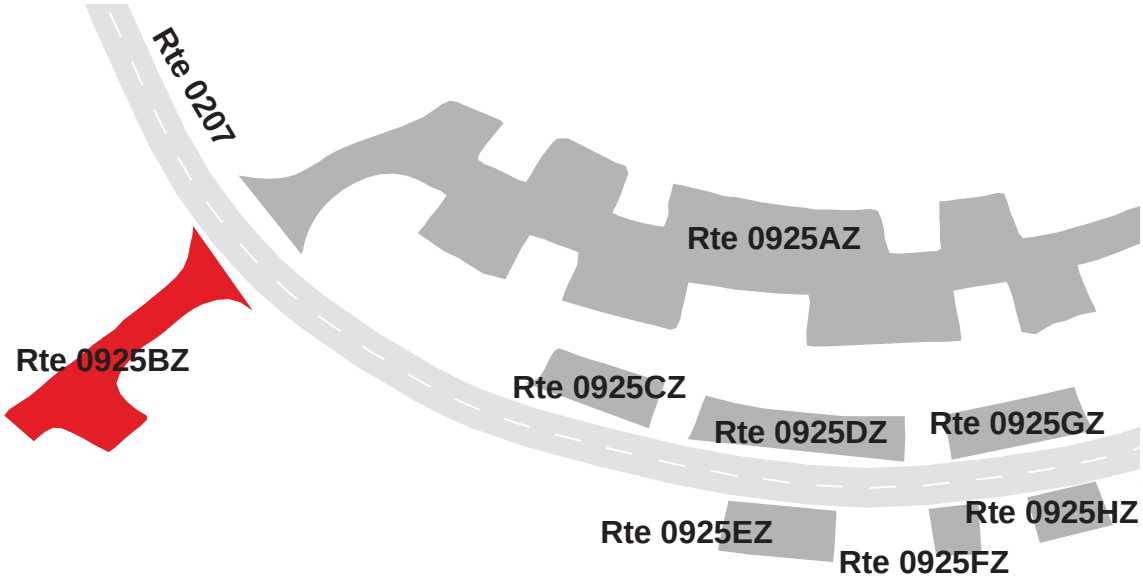
GULF ISLANDS NATIONAL SEASHORE
Route 0925BZ
HEADQUARTERS & VISITORS CENTER PARKING B

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

Subcomponent Record

Route Number	Public / NonPublic	Date Visited		Area (sq ft)	Lane Miles *	Surface Type
0925BZ	PUBLIC	2/28/2009		2,543	0.04	AS
Culverts	**Drop Inlets**	**Gates**	**Fire Hydrants**	**Curb & Gutter**	**Curb**	**PCR**
0	0	0	1	NO CURB AND GUTTER	CONCRETE CURB	FAIR/73

* Lane miles are based on 11' lane widths



150 75 0 150 Feet

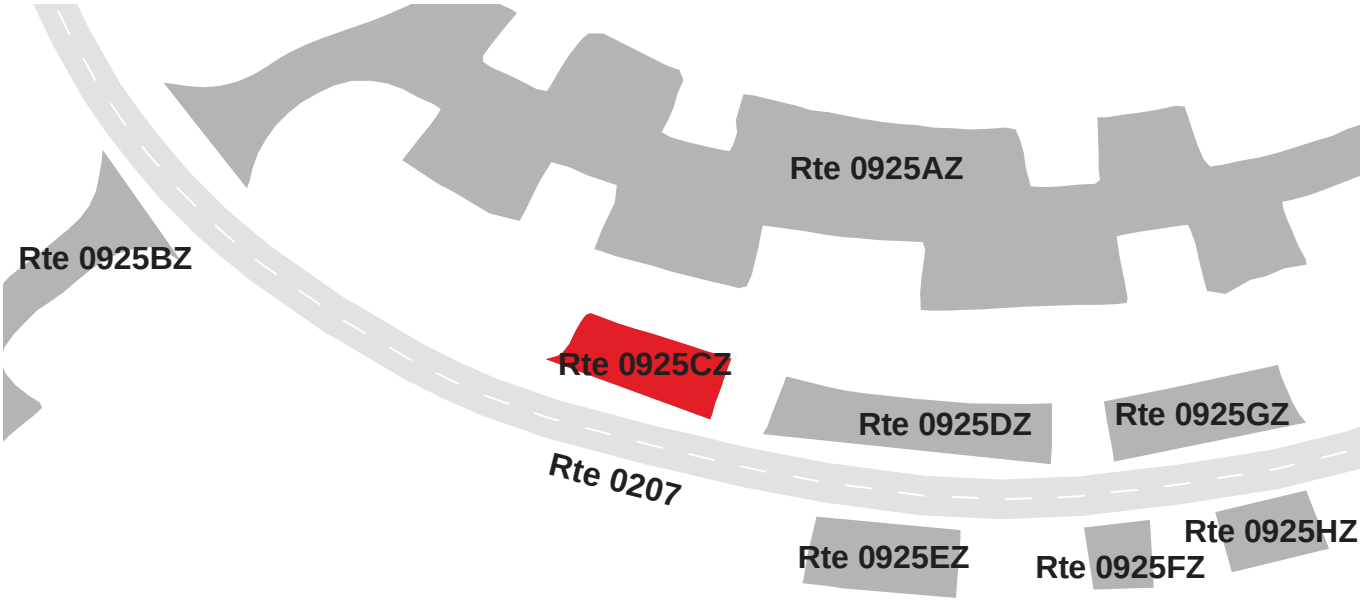
GULF ISLANDS NATIONAL SEASHORE
Route 0925CZ
HEADQUARTERS & VISITORS CENTER PARKING C

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

Subcomponent Record

Route Number	Public / NonPublic	Date Visited		Area (sq ft)	Lane Miles *	Surface Type
0925CZ	PUBLIC	2/28/2009		997	0.02	AS
Culverts	**Drop Inlets**	**Gates**	**Fire Hydrants**	**Curb & Gutter**	**Curb**	**PCR**
0	0	0	0	NO CURB AND GUTTER	NO CURB	GOOD/90

* Lane miles are based on 11' lane widths



90 45 0 90 Feet

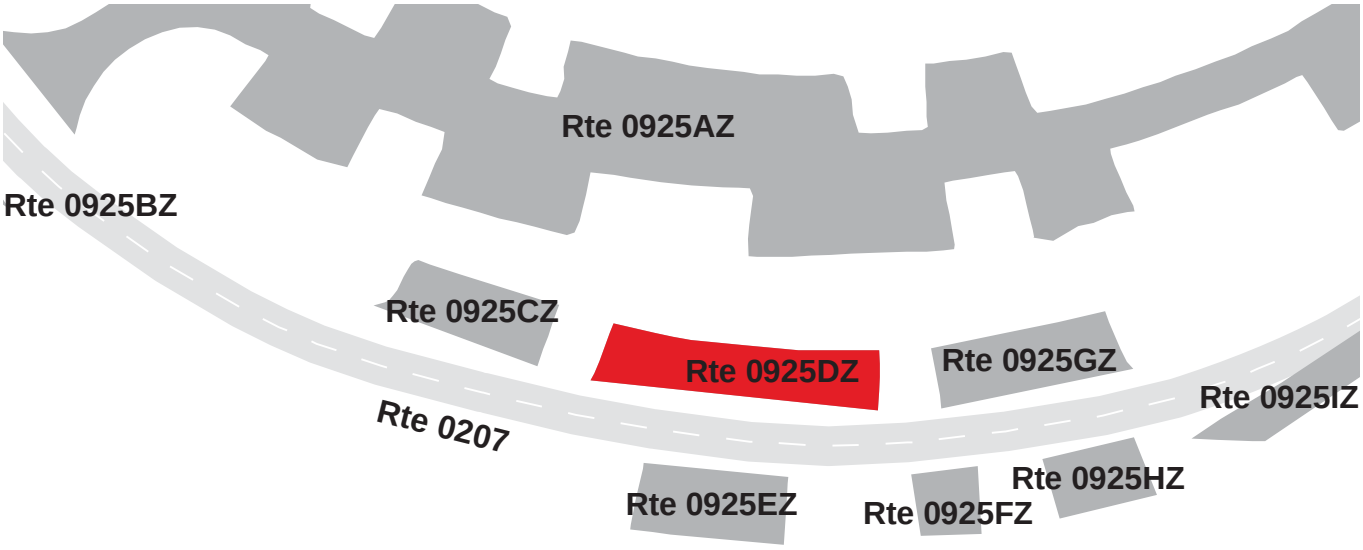
GULF ISLANDS NATIONAL SEASHORE
Route 0925DZ
HEADQUARTERS & VISITORS CENTER PARKING D

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

Subcomponent Record

Route Number	Public / NonPublic	Date Visited		Area (sq ft)	Lane Miles *	Surface Type
0925DZ	PUBLIC	2/28/2009		1,553	0.03	AS
Culverts	**Drop Inlets**	**Gates**	**Fire Hydrants**	**Curb & Gutter**	**Curb**	**PCR**
0	0	0	0	NO CURB AND GUTTER	NO CURB	GOOD/90

* Lane miles are based on 11' lane widths



90 45 0 90 Feet

N

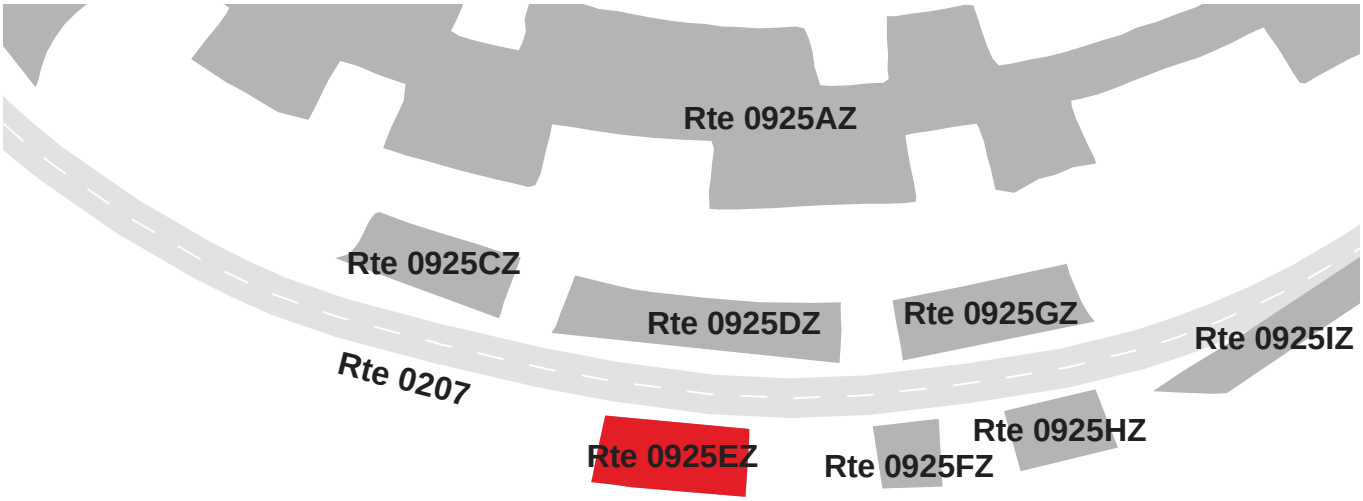
GULF ISLANDS NATIONAL SEASHORE
Route 0925EZ
HEADQUARTERS & VISITORS CENTER PARKING E

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

Subcomponent Record

Route Number	Public / NonPublic	Date Visited		Area (sq ft)	Lane Miles *	Surface Type
0925EZ	PUBLIC	2/28/2009		1,065	0.02	AS
Culverts	**Drop Inlets**	**Gates**	**Fire Hydrants**	**Curb & Gutter**	**Curb**	**PCR**
0	0	0	0	NO CURB AND GUTTER	NO CURB	GOOD/90

* Lane miles are based on 11' lane widths



90 45 0 90 Feet

N

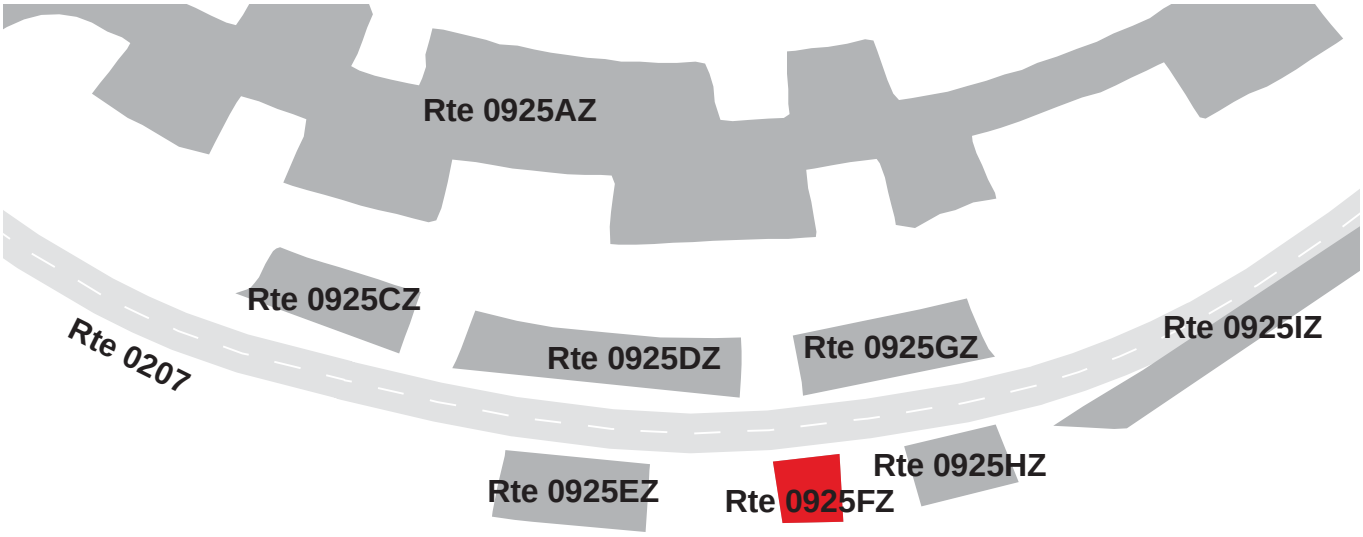
GULF ISLANDS NATIONAL SEASHORE
Route 0925FZ
HEADQUARTERS & VISITORS CENTER PARKING F

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

Subcomponent Record

Route Number	Public / NonPublic	Date Visited		Area (sq ft)	Lane Miles *	Surface Type
0925FZ	PUBLIC	2/28/2009		430	0.01	AS
Culverts	**Drop Inlets**	**Gates**	**Fire Hydrants**	**Curb & Gutter**	**Curb**	**PCR**
0	0	0	0	NO CURB AND GUTTER	NO CURB	GOOD/90

* Lane miles are based on 11' lane widths



90 45 0 90 Feet

N

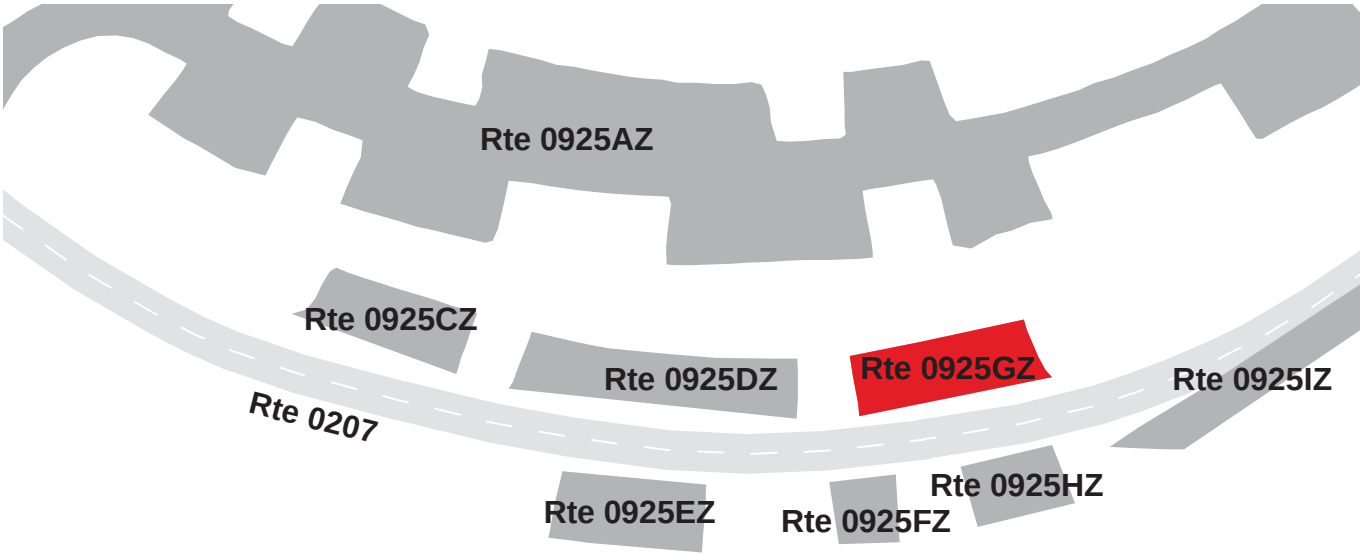
GULF ISLANDS NATIONAL SEASHORE
Route 0925GZ
HEADQUARTERS & VISITORS CENTER PARKING G

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

Subcomponent Record

Route Number	Public / NonPublic	Date Visited		Area (sq ft)	Lane Miles *	Surface Type
0925GZ	PUBLIC	2/28/2009		1,174	0.02	AS
Culverts	**Drop Inlets**	**Gates**	**Fire Hydrants**	**Curb & Gutter**	**Curb**	**PCR**
0	0	0	0	NO CURB AND GUTTER	NO CURB	GOOD/90

* Lane miles are based on 11' lane widths



90 45 0 90 Feet

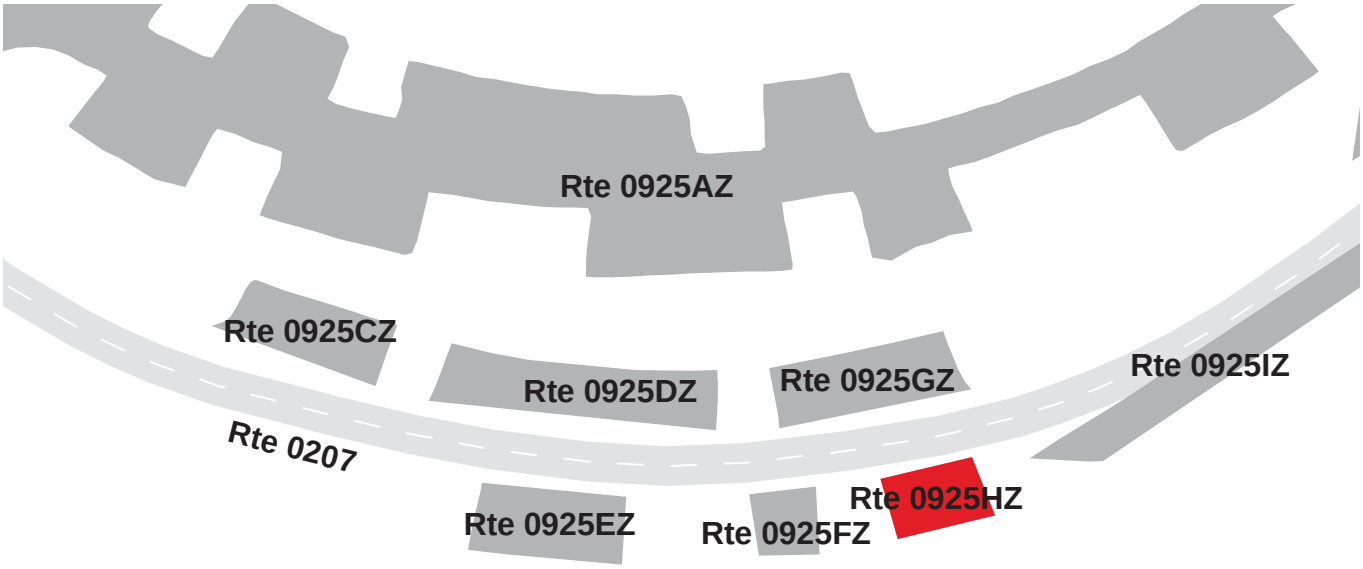
GULF ISLANDS NATIONAL SEASHORE
Route 0925HZ
HEADQUARTERS & VISITORS CENTER PARKING H

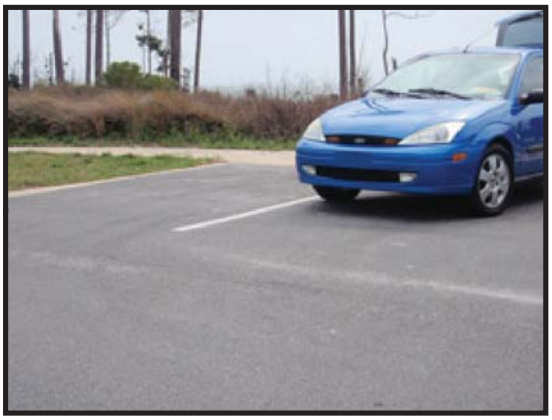
ADJACENT TO ROUTE 0207 (HEADQUARTERS AND VISITOR CENTER ACCESS ROAD) AT MP 0.11 ON RIGHT

Subcomponent Record

Route Number	Public / NonPublic	Date Visited		Area (sq ft)	Lane Miles *	Surface Type
0925HZ	PUBLIC	2/28/2009		625	0.01	AS
Culverts	**Drop Inlets**	**Gates**	**Fire Hydrants**	**Curb & Gutter**	**Curb**	**PCR**
0	0	0	0	NO CURB AND GUTTER	NO CURB	GOOD/90

* Lane miles are based on 11' lane widths





90 45 0 90 Feet

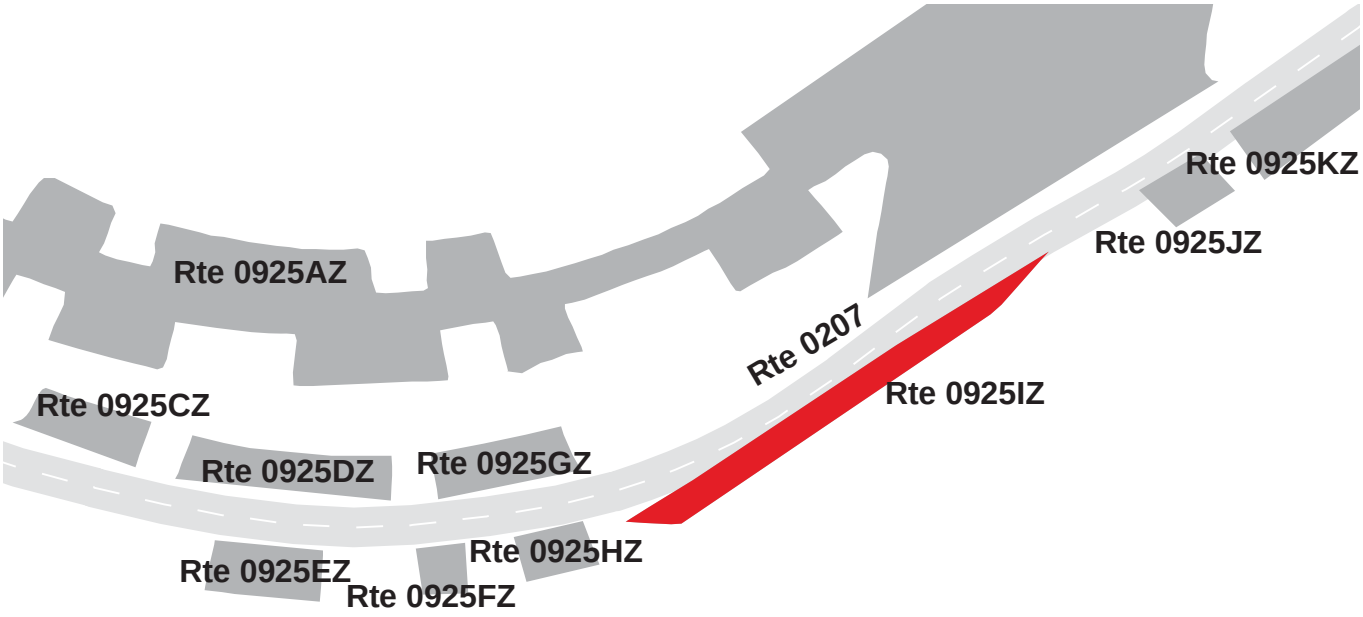
GULF ISLANDS NATIONAL SEASHORE
Route 0925IZ
HEADQUARTERS & VISITORS CENTER PARKING I

ADJACENT TO ROUTE 0207 (HEADQUARTERS AND VISITOR CENTER ACCESS ROAD) AT MP 0.13 ON RIGHT

Subcomponent Record

Route Number	Public / NonPublic	Date Visited		Area (sq ft)	Lane Miles *	Surface Type
0925IZ	PUBLIC	2/28/2009		2,244	0.04	AS
Culverts	**Drop Inlets**	**Gates**	**Fire Hydrants**	**Curb & Gutter**	**Curb**	**PCR**
0	0	0	0	NO CURB AND GUTTER	NO CURB	GOOD/90

* Lane miles are based on 11' lane widths



120 60 0 120
Feet

N

GULF ISLANDS NATIONAL SEASHORE
Route 0925JZ
HEADQUARTERS & VISITORS CENTER PARKING J

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

Subcomponent Record

Route Number	Public / NonPublic	Date Visited		Area (sq ft)	Lane Miles *	Surface Type
0925JZ	PUBLIC	2/28/2009		655	0.01	AS
Culverts	**Drop Inlets**	**Gates**	**Fire Hydrants**	**Curb & Gutter**	**Curb**	**PCR**
0	0	0	0	NO CURB AND GUTTER	NO CURB	GOOD/90

* Lane miles are based on 11' lane widths

90 45 0 90 Feet

GULF ISLANDS NATIONAL SEASHORE
Route 0925KZ
HEADQUARTERS & VISITORS CENTER PARKING K

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

Subcomponent Record

Route Number	Public / NonPublic	Date Visited		Area (sq ft)	Lane Miles *	Surface Type
0925KZ	PUBLIC	2/28/2009		1,928	0.03	AS
Culverts	**Drop Inlets**	**Gates**	**Fire Hydrants**	**Curb & Gutter**	**Curb**	**PCR**
0	0	0	0	NO CURB AND GUTTER	NO CURB	GOOD/90

* Lane miles are based on 11' lane widths

90 45 0 90 Feet

N

GULF ISLANDS NATIONAL SEASHORE
Route 0925LZ
HEADQUARTERS & VISITORS CENTER PARKING L

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

Subcomponent Record

Route Number	Public / NonPublic	Date Visited		Area (sq ft)	Lane Miles *	Surface Type
0925LZ	PUBLIC	2/28/2009		1,243	0.02	AS
Culverts	**Drop Inlets**	**Gates**	**Fire Hydrants**	**Curb & Gutter**	**Curb**	**PCR**
0	0	0	0	NO CURB AND GUTTER	NO CURB	GOOD/90

* Lane miles are based on 11' lane widths

90 45 0 90 Feet

N

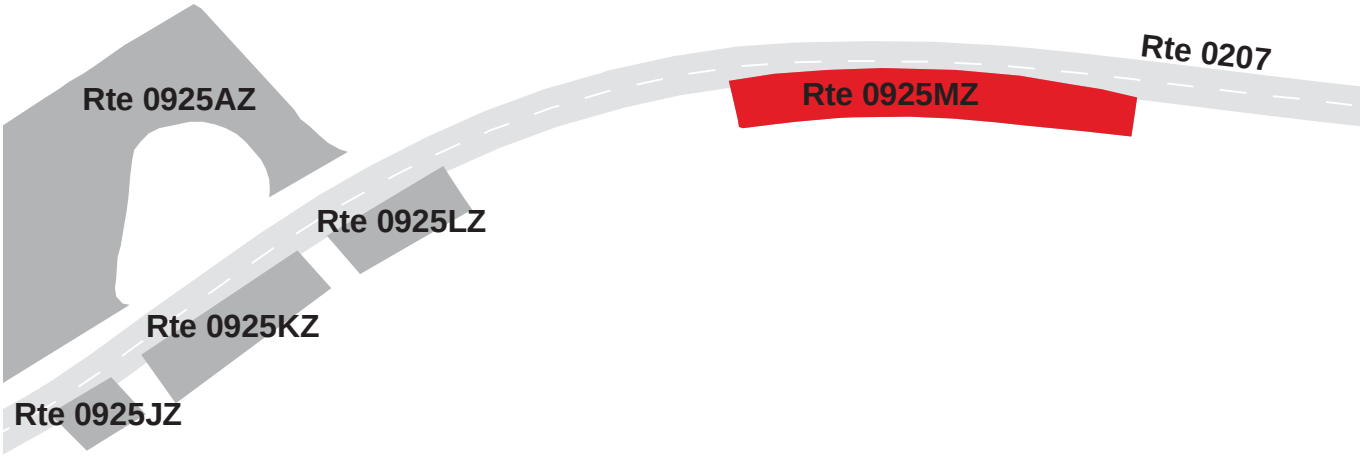
GULF ISLANDS NATIONAL SEASHORE
Route 0925MZ
HEADQUARTERS & VISITORS CENTER PARKING M

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

Subcomponent Record

Route Number	Public / NonPublic	Date Visited		Area (sq ft)	Lane Miles *	Surface Type
0925MZ	PUBLIC	2/28/2009		3,529	0.06	AS
Culverts	**Drop Inlets**	**Gates**	**Fire Hydrants**	**Curb & Gutter**	**Curb**	**PCR**
0	0	0	0	NO CURB AND GUTTER	NO CURB	GOOD/90

* Lane miles are based on 11' lane widths

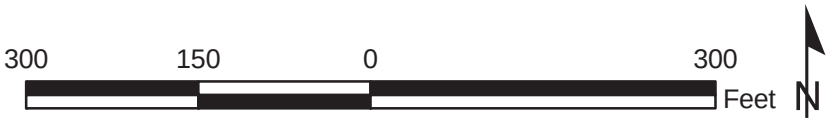


GULF ISLANDS NATIONAL SEASHORE
Route 0926
PUBLIC PARKING #8

FROM ROUTE 0011 (J. EARLE BOWDEN WAY / STATE ROUTE 399) AT MP 1.86
TO ROUTE 0011 (J. EARLE BOWDEN WAY / STATE ROUTE 399)

Route Number	Public / NonPublic	Date Visited		Area (sq ft)	Lane Miles *	Surface Type
0926	PUBLIC	2/27/2009		26,374	0.45	AS
Culverts	**Drop Inlets**	**Gates**	**Fire Hydrants**	**Curb & Gutter**	**Curb**	**PCR**
0	0	0	0	NO CURB AND GUTTER	NO CURB	EXCELLENT/97

* Lane miles are based on 11' lane widths

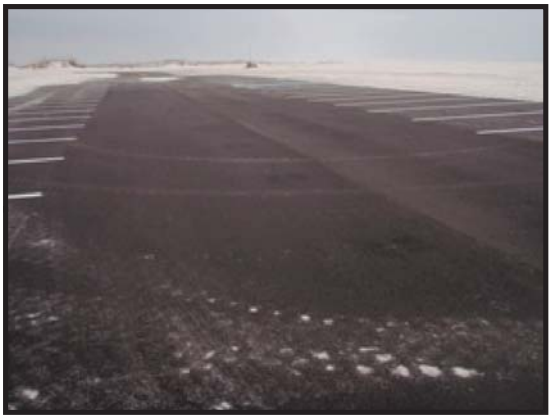


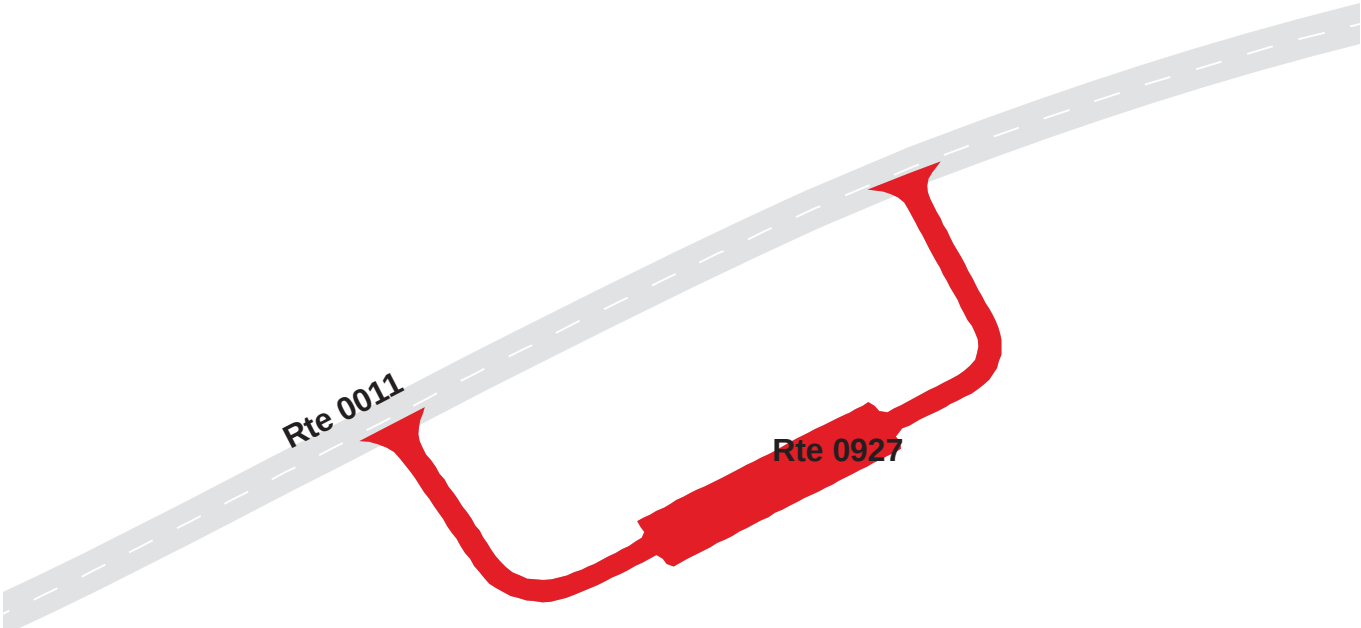
GULF ISLANDS NATIONAL SEASHORE
Route 0927
PUBLIC PARKING #7

FROM ROUTE 0011 (J. EARLE BOWDEN WAY / STATE ROUTE 399) AT MP 2.66
TO ROUTE 0011 (J. EARLE BOWDEN WAY / STATE ROUTE 399)

Route Number	Public / NonPublic	Date Visited		Area (sq ft)	Lane Miles *	Surface Type
0927	PUBLIC	2/27/2009		32,432	0.56	AS
Culverts	**Drop Inlets**	**Gates**	**Fire Hydrants**	**Curb & Gutter**	**Curb**	**PCR**
0	0	0	0	NO CURB AND GUTTER	NO CURB	EXCELLENT/97

* Lane miles are based on 11' lane widths



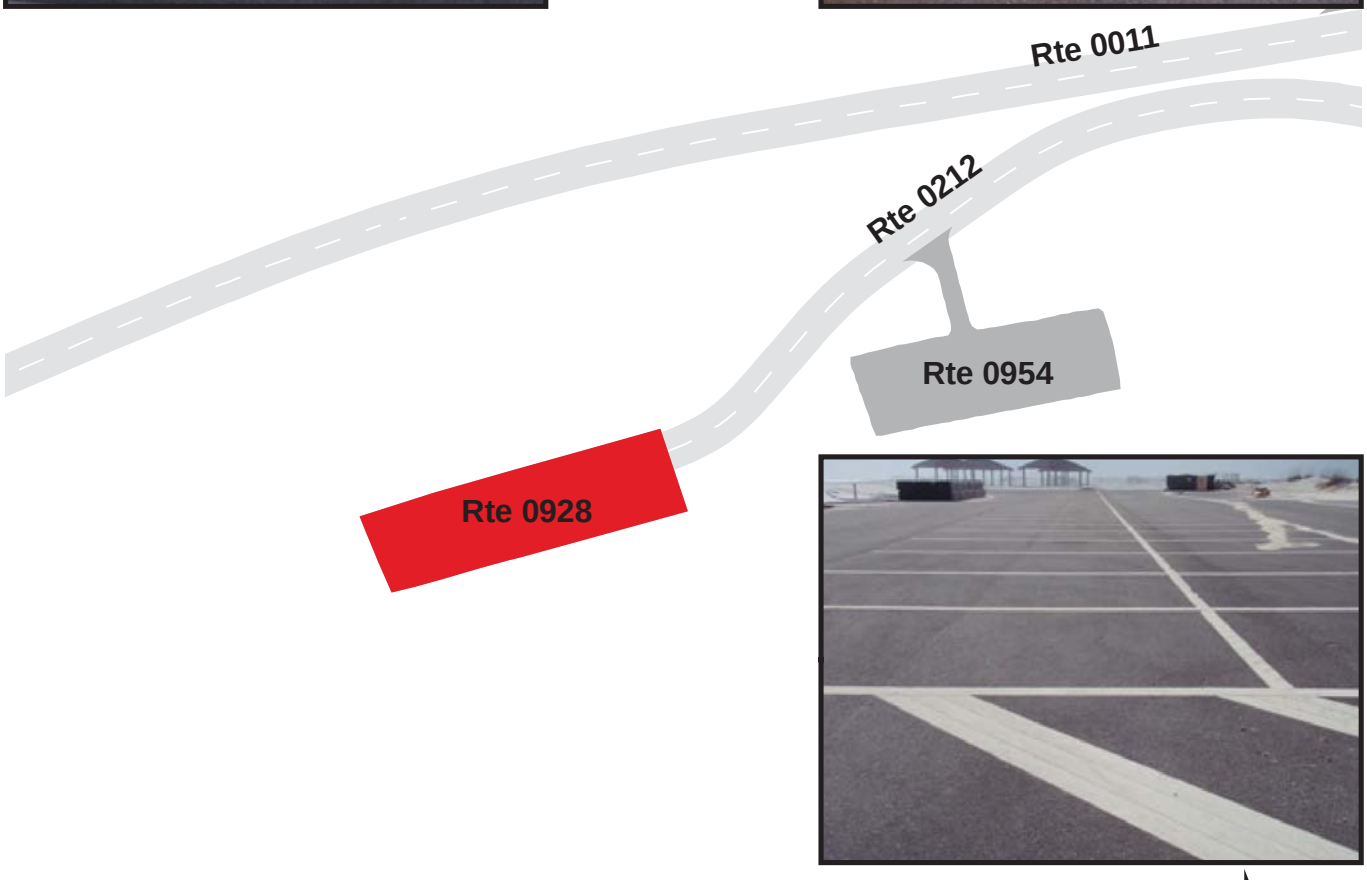


400 200 0 400 Feet

GULF ISLANDS NATIONAL SEASHORE
Route 0928
OPAL BEACH PARKING #5
FROM END OF ROUTE 0212 (OPAL BEACH ROAD)
TO PARKING

Route Number	Public / NonPublic	Date Visited		Area (sq ft)	Lane Miles *	Surface Type
0928	PUBLIC	2/27/2009		45,426	0.78	AS
Culverts	**Drop Inlets**	**Gates**	**Fire Hydrants**	**Curb & Gutter**	**Curb**	**PCR**
0	0	0	0	NO CURB AND GUTTER	NO CURB	EXCELLENT/97

* Lane miles are based on 11' lane widths



400 200 0 400 Feet

GULF ISLANDS NATIONAL SEASHORE

Route 0929

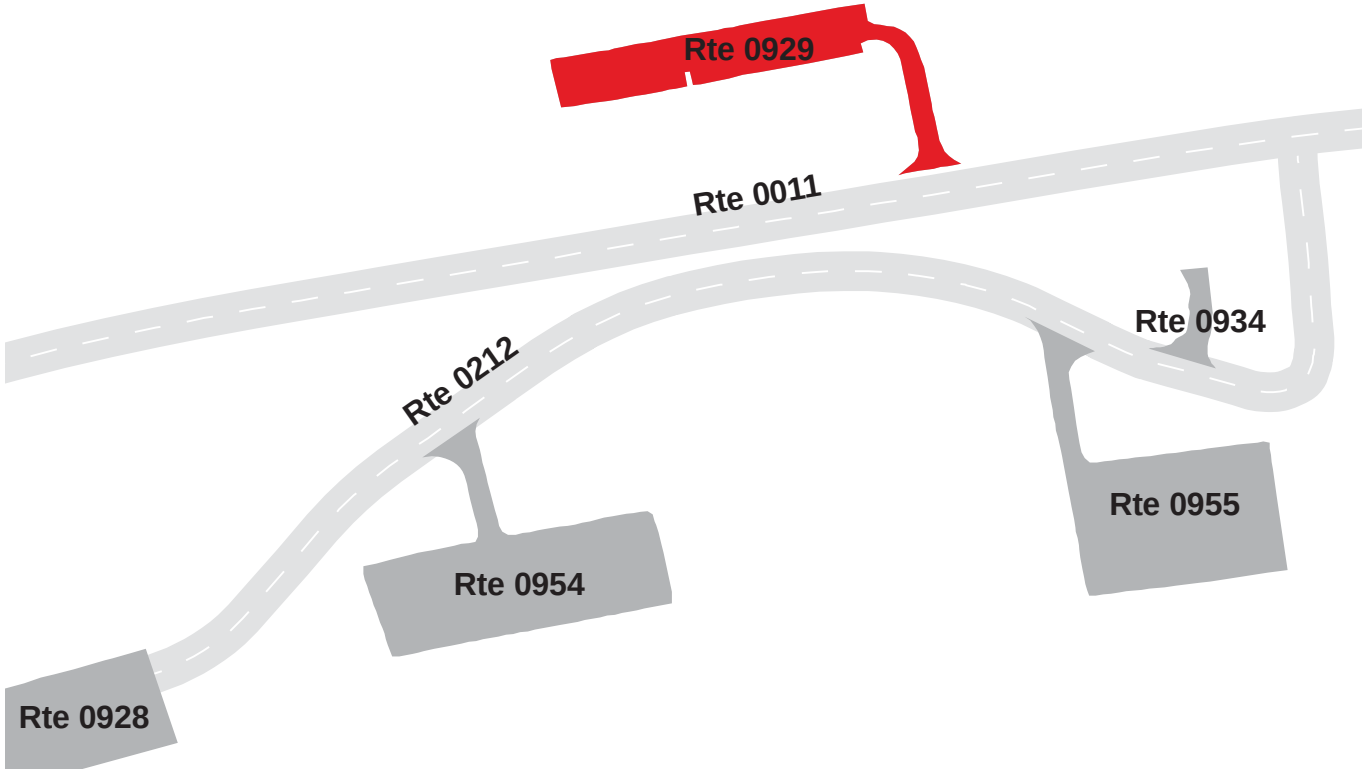
PUBLIC PARKING #6

FROM ROUTE 0011 (J. EARLE BOWDEN WAY / STATE ROUTE 399) AT MP 4.23

TO PARKING

Route Number	Public / NonPublic	Date Visited		Area (sq ft)	Lane Miles *	Surface Type
0929	PUBLIC	2/27/2009		25,283	0.44	AS
Culverts	**Drop Inlets**	**Gates**	**Fire Hydrants**	**Curb & Gutter**	**Curb**	**PCR**
0	0	0	0	NO CURB AND GUTTER	NO CURB	EXCELLENT/97

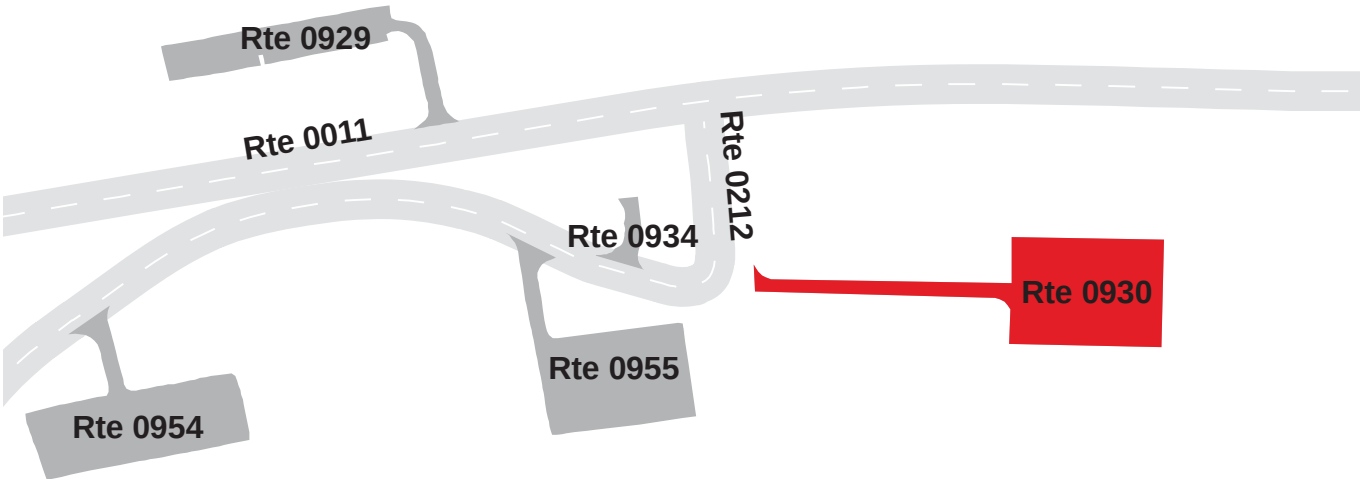
* Lane miles are based on 11' lane widths



GULF ISLANDS NATIONAL SEASHORE
Route 0930
OPAL BEACH PARKING #2 EAST
FROM ROUTE 0212 (OPAL BEACH ROAD)
TO PARKING

Route Number	Public / NonPublic	Date Visited		Area (sq ft)	Lane Miles *	Surface Type
0930	PUBLIC	2/27/2009		49,259	0.85	AS
Culverts	**Drop Inlets**	**Gates**	**Fire Hydrants**	**Curb & Gutter**	**Curb**	**PCR**
0	0	0	0	NO CURB AND GUTTER	NO CURB	EXCELLENT/97

* Lane miles are based on 11' lane widths



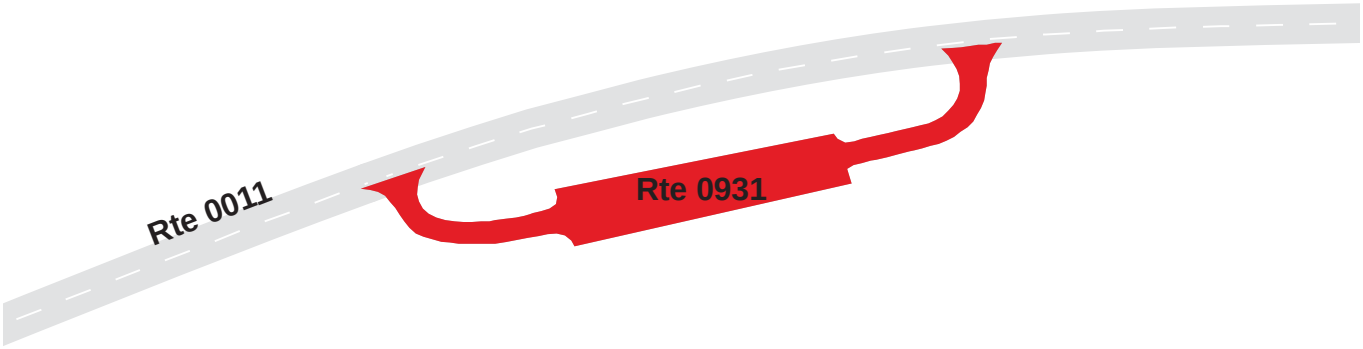
470 235 0 470
Feet

GULF ISLANDS NATIONAL SEASHORE
Route 0931
PUBLIC PARKING #1

FROM ROUTE 0011 (J. EARLE BOWDEN WAY / STATE ROUTE 399) AT MP 6.00
TO ROUTE 0011 (J. EARLE BOWDEN WAY / STATE ROUTE 399)

Route Number	Public / NonPublic	Date Visited		Area (sq ft)	Lane Miles *	Surface Type
0931	PUBLIC	2/27/2009		24,626	0.42	AS
Culverts	**Drop Inlets**	**Gates**	**Fire Hydrants**	**Curb & Gutter**	**Curb**	**PCR**
0	0	0	0	NO CURB AND GUTTER	NO CURB	GOOD/90

* Lane miles are based on 11' lane widths



300 150 0 300
Feet

GULF ISLANDS NATIONAL SEASHORE
Route 0932
FORT WALTON BEACH PARKING
FROM US ROUTE 98 (MIRACLE STRIP PARKWAY)
TO ROUTE 0945 (OKALOOSA PICNIC AREA PARKING)

Route Number	Public / NonPublic	Date Visited		Area (sq ft)	Lane Miles *	Surface Type
0932	PUBLIC	2/28/2009		69,845	1.20	AS
Culverts	**Drop Inlets**	**Gates**	**Fire Hydrants**	**Curb & Gutter**	**Curb**	**PCR**
0	0	0	0	NO CURB AND GUTTER	NO CURB	GOOD/90

* Lane miles are based on 11' lane widths

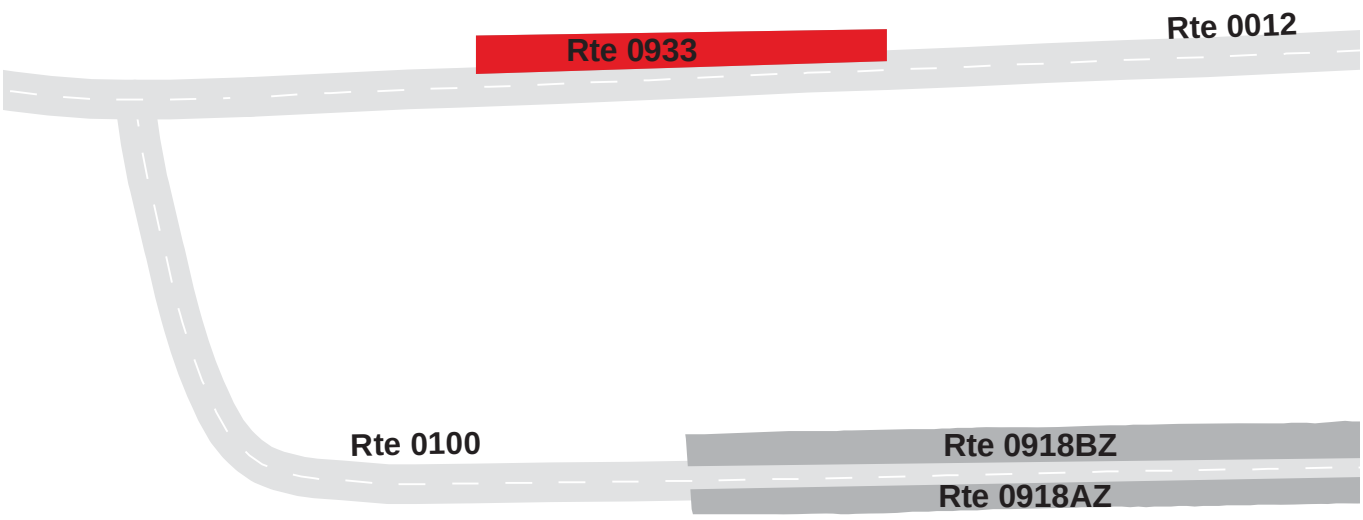
390 195 0 390 Feet

N

GULF ISLANDS NATIONAL SEASHORE
Route 0933
BATTERY LANGDON PARKING
ADJACENT TO ROUTE 0012 (FORT PICKENS ROAD) AT MP 4.94

Route Number	Public / NonPublic	Date Visited		Area (sq ft)	Lane Miles *	Surface Type
0933	PUBLIC	2/27/2009		7,136	0.12	AS
Culverts	**Drop Inlets**	**Gates**	**Fire Hydrants**	**Curb & Gutter**	**Curb**	**PCR**
0	0	0	0	NO CURB AND GUTTER	NO CURB	FAIR/73

* Lane miles are based on 11' lane widths

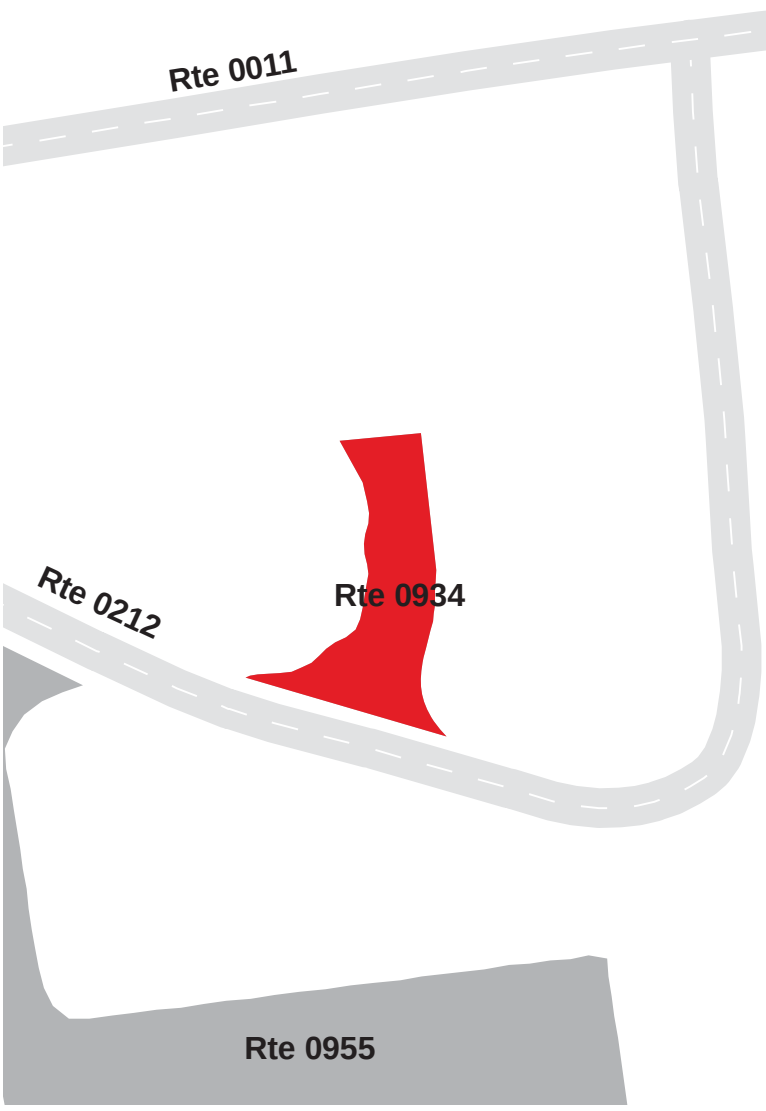


200 100 0 200
Feet

GULF ISLANDS NATIONAL SEASHORE
Route 0934
OPAL BEACH COMPLEX PARKING
FROM ROUTE 0212 (OPAL BEACH ROAD)
TO PARKING

Route Number	Public / NonPublic	Date Visited		Area (sq ft)	Lane Miles *	Surface Type
0934	NONPUBLIC	6/4/2009		3,369	0.06	AS
Culverts	**Drop Inlets**	**Gates**	**Fire Hydrants**	**Curb & Gutter**	**Curb**	**PCR**
0	0	0	0	NO CURB AND GUTTER	NO CURB	EXCELLENT/97

* Lane miles are based on 11' lane widths



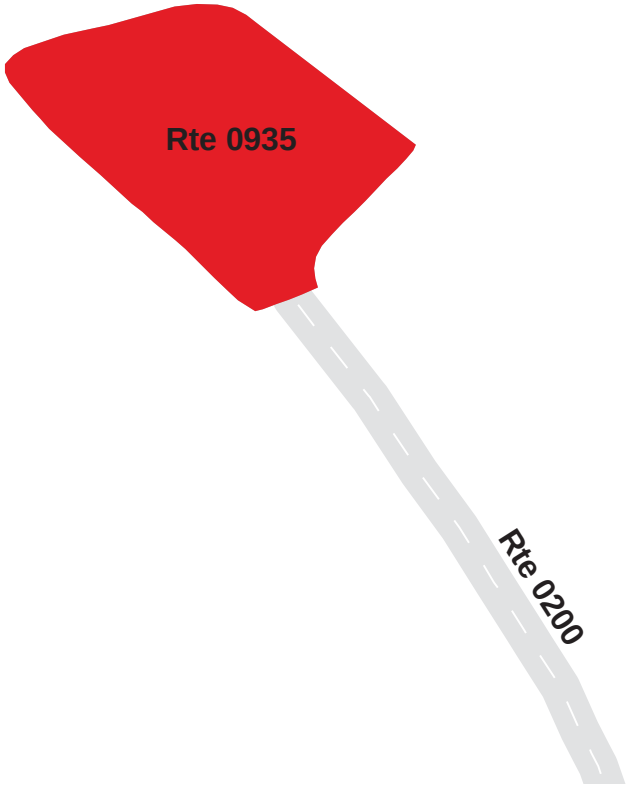
110 55 0 110
Feet

N

GULF ISLANDS NATIONAL SEASHORE
Route 0935
NATURE TRAIL PARKING
FROM END OF ROUTE 0200 (NATURE TRAIL ACCESS ROAD)
TO PARKING

Route Number	Public / NonPublic	Date Visited		Area (sq ft)	Lane Miles *	Surface Type
0935	PUBLIC	2/27/2009		9,072	0.16	AS
Culverts	**Drop Inlets**	**Gates**	**Fire Hydrants**	**Curb & Gutter**	**Curb**	**PCR**
0	0	0	0	NO CURB AND GUTTER	NO CURB	GOOD/90

* Lane miles are based on 11' lane widths

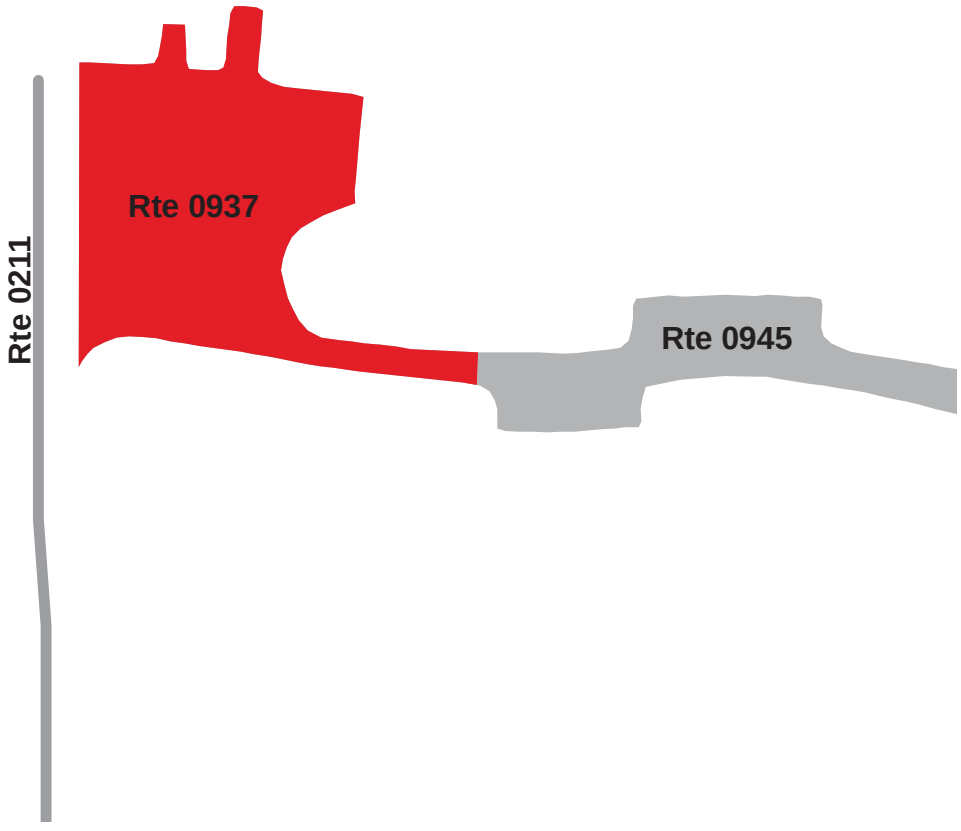


100 50 0 100 Feet

GULF ISLANDS NATIONAL SEASHORE
Route 0937
OKALOOSA BOAT LAUNCH PARKING
FROM ROUTE 0945 (OKALOOSA PICNIC AREA PARKING)
TO ROUTE 0211 (OKALOOSA WEST ACCESS ROAD)

Route Number	Public / NonPublic	Date Visited		Area (sq ft)	Lane Miles *	Surface Type
0937	PUBLIC	2/28/2009		15,155	0.26	AS
Culverts	**Drop Inlets**	**Gates**	**Fire Hydrants**	**Curb & Gutter**	**Curb**	**PCR**
0	0	0	0	NO CURB AND GUTTER	NO CURB	GOOD/90

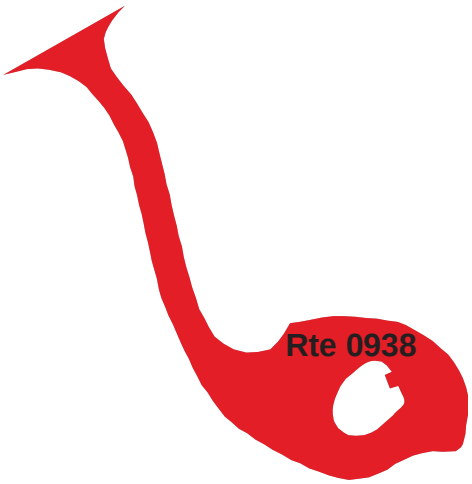
* Lane miles are based on 11' lane widths



GULF ISLANDS NATIONAL SEASHORE
Route 0938
FORT BARRANCAS PARKING
FROM TAYLOR ROAD
TO PARKING

Route Number	Public / NonPublic	Date Visited		Area (sq ft)	Lane Miles *	Surface Type
0938	PUBLIC	2/27/2009		21,699	0.37	AS
Culverts	**Drop Inlets**	**Gates**	**Fire Hydrants**	**Curb & Gutter**	**Curb**	**PCR**
0	0	0	0	CONCRETE CURB AND GUTTER	NO CURB	FAIR/73

* Lane miles are based on 11' lane widths



200 100 0 200
Feet

GULF ISLANDS NATIONAL SEASHORE

Route 0941

ADVANCE REDOUBT PARKING

FROM TAYLOR ROAD

TO PARKING

Route Number	Public / NonPublic	Date Visited		Area (sq ft)	Lane Miles *	Surface Type
0941	PUBLIC	2/27/2009		20,951	0.36	AS
Culverts	**Drop Inlets**	**Gates**	**Fire Hydrants**	**Curb & Gutter**	**Curb**	**PCR**
0	0	0	0	CONCRETE CURB AND GUTTER	NO CURB	FAIR/73

* Lane miles are based on 11' lane widths

200 100 0 200

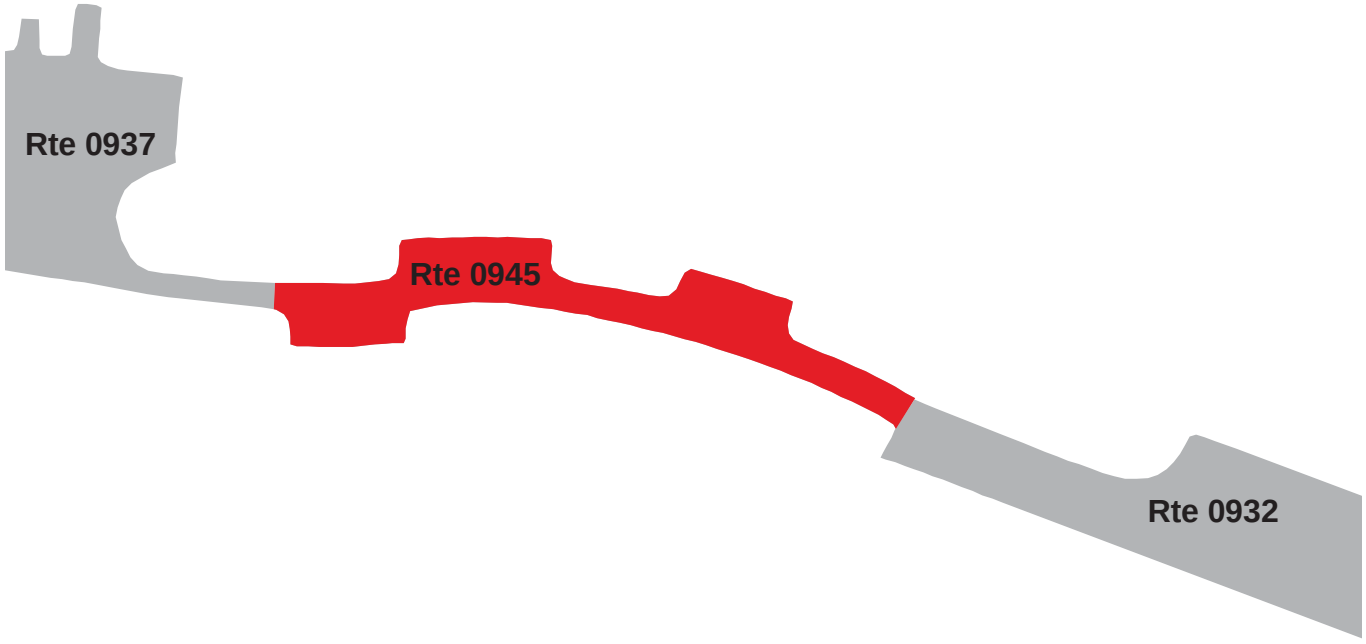
Feet

N

GULF ISLANDS NATIONAL SEASHORE
Route 0945
OKALOOSA PICNIC AREA PARKING
FROM ROUTE 0932 (FORT WALTON BEACH PARKING)
TO ROUTE 0937 (OKALOOSA BOAT LAUNCH PARKING)

Route Number	Public / NonPublic	Date Visited		Area (sq ft)	Lane Miles *	Surface Type
0945	PUBLIC	2/28/2009		10,682	0.18	AS
Culverts	**Drop Inlets**	**Gates**	**Fire Hydrants**	**Curb & Gutter**	**Curb**	**PCR**
0	0	0	0	NO CURB AND GUTTER	NO CURB	GOOD/90

* Lane miles are based on 11' lane widths



160 80 0 160 Feet

N

GULF ISLANDS NATIONAL SEASHORE

Route 0954

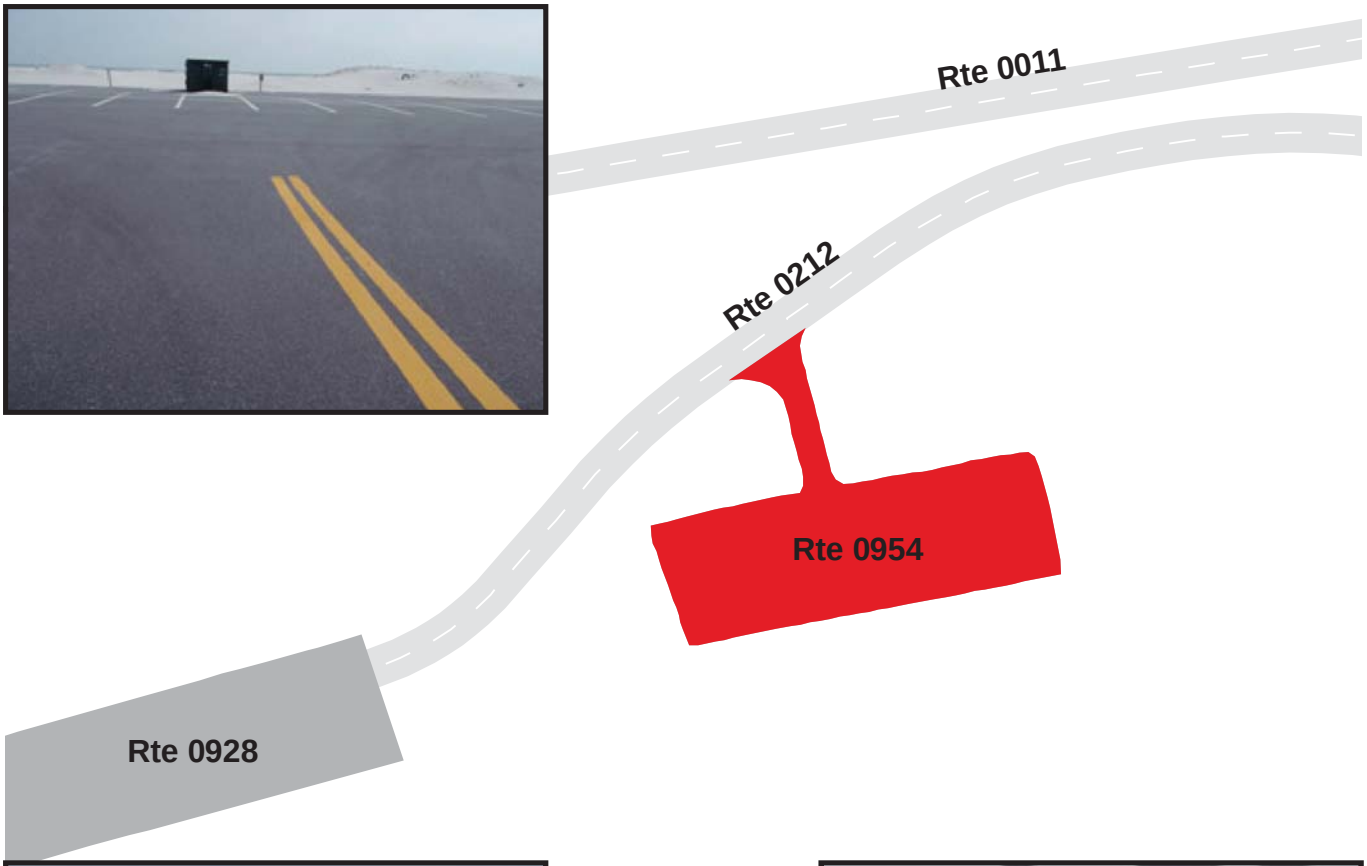
OPAL BEACH PARKING #4 WEST

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

TO PARKING

Route Number	Public / NonPublic	Date Visited		Area (sq ft)	Lane Miles *	Surface Type
0954	PUBLIC	2/27/2009		40,803	0.70	AS
Culverts	**Drop Inlets**	**Gates**	**Fire Hydrants**	**Curb & Gutter**	**Curb**	**PCR**
0	0	0	0	NO CURB AND GUTTER	NO CURB	EXCELLENT/97

* Lane miles are based on 11' lane widths



200 100 0 200

Feet

N

GULF ISLANDS NATIONAL SEASHORE

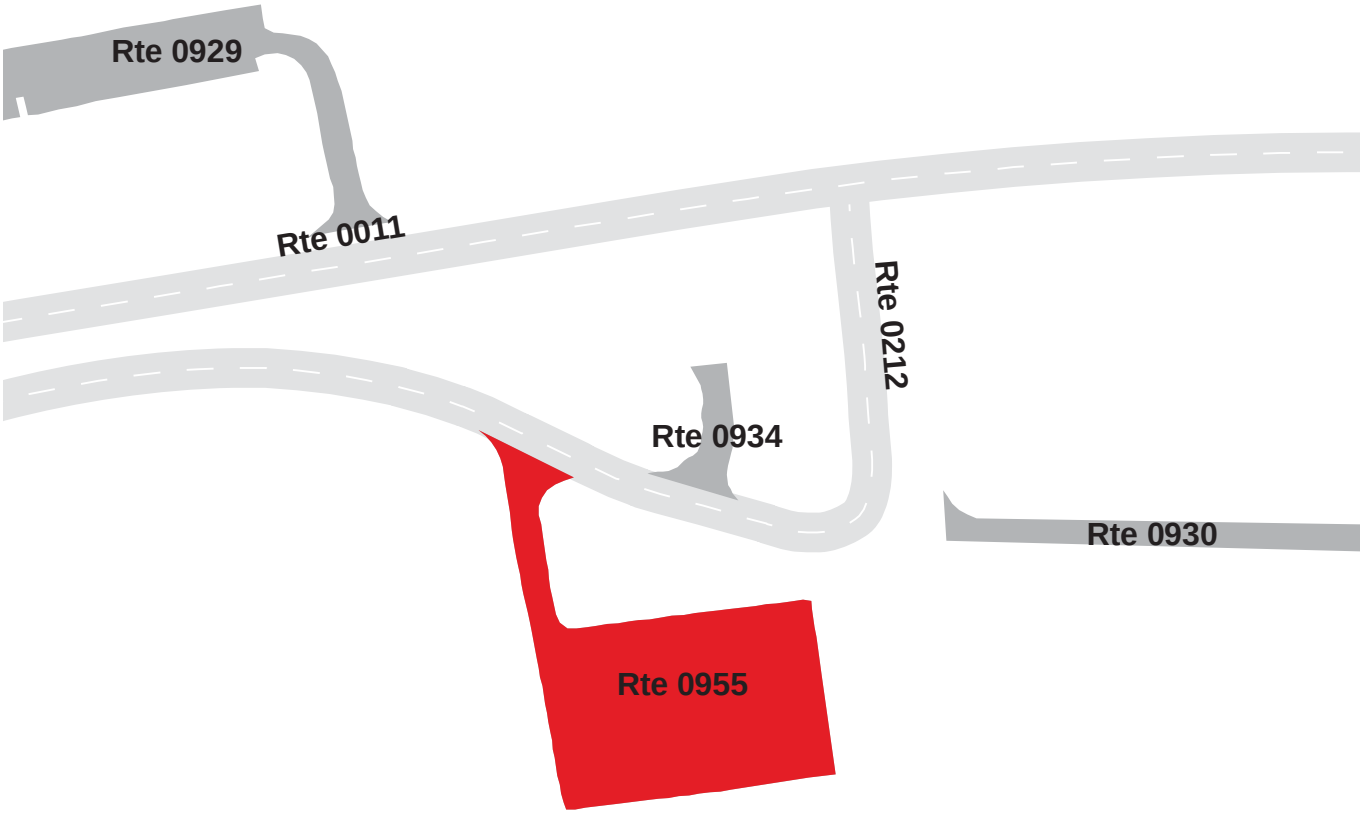
Route 0955

OPAL BEACH PARKING #3 EAST

FROM ROUTE 0212 (OPAL BEACH ROAD) AT MP 0.10 ON LEFT
TO PARKING

Route Number	Public / NonPublic	Date Visited		Area (sq ft)	Lane Miles *	Surface Type
0955	PUBLIC	2/27/2009		39,530	0.68	AS
Culverts	**Drop Inlets**	**Gates**	**Fire Hydrants**	**Curb & Gutter**	**Curb**	**PCR**
0	0	0	0	NO CURB AND GUTTER	NO CURB	EXCELLENT/97

* Lane miles are based on 11' lane widths



Gulf Islands National Seashore

Section 8
Parkwide / Route Maintenance
Features Summaries

GUIS: PARKWIDE MAINTENANCE FEATURES SUMMARY

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

FEATURE	LINEAR FEET	COUNT
BARRIER	7,888	--
BOLLARD	100	--
BRIDGE	--	3
CABLE	0	--
CATTLE GUARD	--	0
CULVERT	--	25
CURB	5,428	--
DROP INLET	--	18
FIRE HYDRANT	--	30
GATE	--	19
GUARD/GUIDE RAIL	7,012	--
GUARD/GUIDE WALL	876	--
INTERSECTION	--	185
LOW WATER CROSSING	0	0
MILE MARKER	--	0
OVERPASS	--	0
OVERHEAD SIGN	--	0
PARK BOUNDARY	--	9
PAVED DITCH	0	--
PULLOUT	--	7
RAILROAD CROSSING	--	0
RETAINING WALL	0	0
SIGN	--	744
STATE BOUNDARY	--	0
TEMPORARY BARRIER	0	--
TRAFFIC LIGHT	--	0
TUNNEL	0	0
TURNOUT	0	--

GUIS: ROUTE MAINTENANCE FEATURES SUMMARY

FEATURE	ROUTE 0011 J. EARLE BOWDEN WAY / STATE ROUTE 399	ROUTE 0012 FORT PICKENS ROAD	ROUTE 0013 JOHNSON BEACH ROAD	ROUTE 0015 PARK ROAD	ROUTE 0016 HANLEY ROAD	ROUTE 0017 GOLLOTT ROAD	UNIT
BARRIER	0	0	74	6,199	1,098	0	LINEAR FEET
BOLLARD	0	0	74	0	26	0	LINEAR FEET
BRIDGE	0	0	0	2	1	0	EACH
CABLE	0	0	0	0	0	0	LINEAR FEET
CATTLE GUARD	0	0	0	0	0	0	EACH
CULVERT	0	2	0	7	8	2	EACH
CURB	0	84	0	0	0	0	LINEAR FEET
DROP INLET	0	0	0	9	0	0	EACH
FIRE HYDRANT	1	3	0	1	0	3	EACH
GATE	2	0	1	1	1	0	EACH
GUARD/GUIDE RAIL	0	0	0	6,199	813	0	LINEAR FEET
GUARD/GUIDE WALL	0	0	74	0	285	0	LINEAR FEET
INTERSECTION	10	33	8	12	21	7	EACH
LOW WATER CROSSING	0	0	0	0	0	0	EACH
LOW WATER CROSSING	0	0	0	0	0	0	LINEAR FEET
MILE MARKER	0	0	0	0	0	0	EACH
OVERHEAD SIGN	0	0	0	0	0	0	EACH
OVERPASS	0	0	0	0	0	0	EACH
PARK BOUNDARY	2	2	1	1	0	1	EACH
PAVED DITCH	0	0	0	0	0	0	LINEAR FEET
PULLOUT	0	1	0	1	0	1	EACH
RAILROAD CROSSING	0	0	0	0	0	0	EACH
RETAINING WALL	0	0	0	0	0	0	EACH
RETAINING WALL	0	0	0	0	0	0	LINEAR FEET
SIGN	208	244	118	51	33	14	EACH
STATE BOUNDARY	0	0	0	0	0	0	EACH
TEMPORARY BARRIER	0	0	0	0	0	0	LINEAR FEET
TRAFFIC LIGHT	0	0	0	0	0	0	EACH
TUNNEL	0	0	0	0	0	0	EACH
TUNNEL	0	0	0	0	0	0	LINEAR FEET
TURNOUT	0	0	0	0	0	0	LINEAR FEET

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

GUIS: ROUTE MAINTENANCE FEATURES SUMMARY

FEATURE	ROUTE 0100 LANGDON BEACH ACCESS ROAD	ROUTE 0102 EAGLE POINT ROAD	ROUTE 0103 BOAT LAUNCH ROAD	ROUTE 0200 NATURE TRAIL ACCESS ROAD	ROUTE 0206ZZ DAVIS BAYOU CAMPGROUND LOOPS	ROUTE 0207 HEADQUARTERS AND VISITOR CENTER ACCESS ROAD	UNIT
BARRIER	0	0	0	0	0	0	LINEAR FEET
BOLLARD	0	0	0	0	0	0	LINEAR FEET
BRIDGE	0	0	0	0	0	0	EACH
CABLE	0	0	0	0	0	0	LINEAR FEET
CATTLE GUARD	0	0	0	0	0	0	EACH
CULVERT	0	2	0	0	1	0	EACH
CURB	0	0	0	903	0	195	LINEAR FEET
DROP INLET	0	0	1	0	3	0	EACH
FIRE HYDRANT	0	1	0	0	1	2	EACH
GATE	0	0	0	0	0	2	EACH
GUARD/GUIDE RAIL	0	0	0	0	0	0	LINEAR FEET
GUARD/GUIDE WALL	0	0	0	0	0	0	LINEAR FEET
INTERSECTION	6	3	8	3	12	19	EACH
LOW WATER CROSSING	0	0	0	0	0	0	EACH
LOW WATER CROSSING	0	0	0	0	0	0	LINEAR FEET
MILE MARKER	0	0	0	0	0	0	EACH
OVERHEAD SIGN	0	0	0	0	0	0	EACH
OVERPASS	0	0	0	0	0	0	EACH
PARK BOUNDARY	0	1	0	0	0	0	EACH
PAVED DITCH	0	0	0	0	0	0	LINEAR FEET
PULLOUT	0	0	0	0	1	0	EACH
RAILROAD CROSSING	0	0	0	0	0	0	EACH
RETAINING WALL	0	0	0	0	0	0	EACH
RETAINING WALL	0	0	0	0	0	0	LINEAR FEET
SIGN	2	2	7	2	7	11	EACH
STATE BOUNDARY	0	0	0	0	0	0	EACH
TEMPORARY BARRIER	0	0	0	0	0	0	LINEAR FEET
TRAFFIC LIGHT	0	0	0	0	0	0	EACH
TUNNEL	0	0	0	0	0	0	EACH
TUNNEL	0	0	0	0	0	0	LINEAR FEET
TURNOUT	0	0	0	0	0	0	LINEAR FEET

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

GUIS: ROUTE MAINTENANCE FEATURES SUMMARY

FEATURE	ROUTE 0210 NAVAL LIVE OAKS ROAD	ROUTE 0212 OPAL BEACH ROAD	ROUTE 0405 VFW ROAD	ROUTE 0406 DAVIS BAYOU GOVERNMENT BOAT LAUNCH ROAD	ROUTE 0500 FORT PICKENS LOOP ROAD	ROUTE 0501 BATTERY 234 LOOP ROAD	UNIT
BARRIER	0	0	0	0	517	0	LINEAR FEET
BOLLARD	0	0	0	0	0	0	LINEAR FEET
BRIDGE	0	0	0	0	0	0	EACH
CABLE	0	0	0	0	0	0	LINEAR FEET
CATTLE GUARD	0	0	0	0	0	0	EACH
CULVERT	0	0	0	0	0	2	EACH
CURB	21	0	0	0	4,224	0	LINEAR FEET
DROP INLET	0	0	0	0	0	0	EACH
FIRE HYDRANT	0	0	1	1	1	0	EACH
GATE	2	1	0	1	2	2	EACH
GUARD/GUIDE RAIL	0	0	0	0	0	0	LINEAR FEET
GUARD/GUIDE WALL	0	0	0	0	517	0	LINEAR FEET
INTERSECTION	6	7	5	3	15	7	EACH
LOW WATER CROSSING	0	0	0	0	0	0	EACH
LOW WATER CROSSING	0	0	0	0	0	0	LINEAR FEET
MILE MARKER	0	0	0	0	0	0	EACH
OVERHEAD SIGN	0	0	0	0	0	0	EACH
OVERPASS	0	0	0	0	0	0	EACH
PARK BOUNDARY	0	0	1	0	0	0	EACH
PAVED DITCH	0	0	0	0	0	0	LINEAR FEET
PULLOUT	0	0	0	1	2	0	EACH
RAILROAD CROSSING	0	0	0	0	0	0	EACH
RETAINING WALL	0	0	0	0	0	0	EACH
RETAINING WALL	0	0	0	0	0	0	LINEAR FEET
SIGN	5	5	7	3	11	14	EACH
STATE BOUNDARY	0	0	0	0	0	0	EACH
TEMPORARY BARRIER	0	0	0	0	0	0	LINEAR FEET
TRAFFIC LIGHT	0	0	0	0	0	0	EACH
TUNNEL	0	0	0	0	0	0	EACH
TUNNEL	0	0	0	0	0	0	LINEAR FEET
TURNOUT	0	0	0	0	0	0	LINEAR FEET

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

GUIS: STRUCTURE LIST

ROUTE NUMBER	FUNCTIONAL CLASS	MILEPOST START	MILEPOST END	FEATURE	STRUCTURE NUMBER
0015	1	0.169	0.209	BRIDGE	5320-001
0015	1	0.908	0.934	BRIDGE	5320-002
0016	1	0.38	0.39	BRIDGE	5320-003

Gulf Islands National Seashore

Section 9
Park Route Maintenance Features
Road Logs

GUIS: ROUTE MAINTENANCE FEATURES ROAD LOG

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

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.000	0.000	ROUTE BEGIN	N/A	FROM WEST PARK BOUNDARY ON U.S. HIGHWAY 399 (GULF BOULEVARD)
0.000	0.000	PARK BOUNDARY	N/A	
0.000	0.000	INTERSECTION	N/A	PAVED ROUTE (VIA DE LUNA DRIVE / NON NPS)
0.002	0.002	GATE	N/A	
0.007	0.007	SIGN	RIGHT	WARNING, ROAD MAY FLOOD
0.014	0.014	SIGN	RIGHT	GUIDE, GULF ISLANDS NATIONAL SEASHORE U S DEPARTMENT OF THE INTERIOR
0.014	0.014	SIGN	RIGHT	GUIDE, SANTA ROSA AREA
0.018	0.018	SIGN	RIGHT	WARNING, GRAPHIC SIGN, NO TEXT
0.018	0.018	SIGN	RIGHT	WARNING, GRAPHIC SIGN, NO TEXT
0.020	0.020	SIGN	RIGHT	REGULATORY, GRAPHIC SIGN, NO TEXT
0.020	0.020	SIGN	RIGHT	REGULATORY, BIKE LANE
0.023	0.023	SIGN	RIGHT	WARNING, GRAPHIC SIGN, NO TEXT
0.023	0.023	SIGN	RIGHT	WARNING, GRAPHIC SIGN, NO TEXT
0.037	0.037	SIGN	RIGHT	REGULATORY, BIKE LANE
0.037	0.037	SIGN	RIGHT	REGULATORY, ENDS
0.051	0.051	SIGN	RIGHT	WARNING, GRAPHIC SIGN, NO TEXT
0.051	0.051	SIGN	RIGHT	WARNING, AHEAD
0.051	0.051	SIGN	RIGHT	GUIDE, J. EARLE BOWDEN WAY EAST
0.063	0.063	SIGN	LEFT	REGULATORY, UNABLE TO READ FROM VIDEO
0.099	0.099	SIGN	LEFT	REGULATORY, DO NOT ENTER
0.125	0.125	SIGN	LEFT	REGULATORY, DO NOT ENTER
0.159	0.159	SIGN	LEFT	REGULATORY, DO NOT ENTER
0.178	0.178	SIGN	RIGHT	GUIDE, PLEASE NOTICE
0.178	0.178	SIGN	RIGHT	REGULATORY, REDUCED SPEED AHEAD
0.189	0.189	SIGN	LEFT	REGULATORY, DO NOT ENTER
0.240	0.240	SIGN	LEFT	REGULATORY, DO NOT ENTER
0.295	0.295	SIGN	LEFT	REGULATORY, KEEP OUT
0.329	0.329	SIGN	RIGHT	REGULATORY, BIKE LANE
0.329	0.329	SIGN	RIGHT	REGULATORY, BIKE LANE
0.338	0.338	SIGN	RIGHT	REGULATORY, SHOREBIRD NESTING AREA KEEP OUT BIRD NESTING AREAS ARE PROTECTED BY STATE AND FEDERAL LAW
0.468	0.468	SIGN	RIGHT	REGULATORY, KEEP OUT
0.503	0.503	SIGN	RIGHT	REGULATORY, DO NOT ENTER

GUIS: ROUTE MAINTENANCE FEATURES ROAD LOG

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

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.525	0.525	SIGN	RIGHT	WARNING, SOFT SHOULDER
0.525	0.525	SIGN	RIGHT	REGULATORY, NO ROADSIDE PARKING
0.526	0.526	SIGN	RIGHT	WARNING, SOFT SHOULDER
0.526	0.526	SIGN	RIGHT	REGULATORY, NO ROADSIDE PARKING
0.537	0.537	SIGN	RIGHT	REGULATORY, DO NOT ENTER
0.568	0.568	SIGN	RIGHT	REGULATORY, DO NOT ENTER
0.599	0.599	SIGN	RIGHT	REGULATORY, KEEP OUT
0.634	0.634	SIGN	RIGHT	REGULATORY, KEEP OUT
0.668	0.668	SIGN	LEFT	REGULATORY, KEEP OUT
0.761	0.761	SIGN	RIGHT	REGULATORY, BIKE LANE
0.761	0.761	SIGN	RIGHT	REGULATORY, BIKE LANE
0.968	0.968	SIGN	RIGHT	REGULATORY, NO ROADSIDE PARKING
0.968	0.968	SIGN	RIGHT	WARNING, SOFT SHOULDER
0.968	0.968	SIGN	RIGHT	WARNING, SOFT SHOULDER
0.968	0.968	SIGN	RIGHT	REGULATORY, NO ROADSIDE PARKING
1.116	1.116	SIGN	RIGHT	REGULATORY, SPEED LIMIT 35
1.117	1.117	SIGN	RIGHT	REGULATORY, SPEED LIMIT 35
1.275	1.275	SIGN	RIGHT	REGULATORY, BIKE LANE
1.275	1.275	SIGN	RIGHT	REGULATORY, BIKE LANE
1.385	1.385	SIGN	RIGHT	REGULATORY, DO NOT ENTER
1.454	1.454	SIGN	RIGHT	REGULATORY, SHOREBIRD NESTING AREA KEEP OUT BIRD NESTING AREAS ARE PROTECTED BY STATE AND FEDERAL LAW
1.510	1.510	SIGN	RIGHT	REGULATORY, SHOREBIRD NESTING AREA KEEP OUT BIRD NESTING AREAS ARE PROTECTED BY STATE AND FEDERAL LAW
1.525	1.525	SIGN	RIGHT	REGULATORY, NO ROADSIDE PARKING
1.525	1.525	SIGN	RIGHT	REGULATORY, NO ROADSIDE PARKING
1.525	1.525	SIGN	RIGHT	WARNING, SOFT SHOULDER
1.525	1.525	SIGN	RIGHT	WARNING, SOFT SHOULDER
1.601	1.601	SIGN	LEFT	REGULATORY, KEEP OUT
1.635	1.635	SIGN	RIGHT	REGULATORY, UNABLE TO READ FROM VIDEO
1.635	1.635	SIGN	RIGHT	REGULATORY, UNABLE TO READ FROM VIDEO
1.650	1.650	SIGN	RIGHT	REGULATORY, SHOREBIRD NESTING AREA KEEP OUT BIRD NESTING AREAS ARE PROTECTED BY STATE AND FEDERAL LAW

GUIS: ROUTE MAINTENANCE FEATURES ROAD LOG

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

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
1.779	1.779	SIGN	RIGHT	REGULATORY, BIKE LANE
1.780	1.780	SIGN	RIGHT	REGULATORY, BIKE LANE
1.857	1.857	INTERSECTION	RIGHT	ROUTE 0926 (PUBLIC PARKING #8)
1.959	1.959	INTERSECTION	RIGHT	ROUTE 0926 (PUBLIC PARKING #8)
2.070	2.070	SIGN	RIGHT	WARNING, SOFT SHOULDER
2.070	2.070	SIGN	RIGHT	REGULATORY, NO ROADSIDE PARKING
2.070	2.070	SIGN	RIGHT	REGULATORY, NO ROADSIDE PARKING
2.070	2.070	SIGN	RIGHT	WARNING, SOFT SHOULDER
2.195	2.195	SIGN	RIGHT	REGULATORY, SPEED LIMIT 35
2.195	2.195	SIGN	RIGHT	REGULATORY, SPEED LIMIT 35
2.301	2.301	SIGN	RIGHT	REGULATORY, BIKE LANE
2.302	2.302	SIGN	RIGHT	REGULATORY, BIKE LANE
2.538	2.538	SIGN	RIGHT	WARNING, SOFT SHOULDER
2.538	2.538	SIGN	RIGHT	REGULATORY, NO ROADSIDE PARKING
2.539	2.539	SIGN	RIGHT	REGULATORY, NO ROADSIDE PARKING
2.539	2.539	SIGN	RIGHT	WARNING, SOFT SHOULDER
2.661	2.661	INTERSECTION	RIGHT	ROUTE 0927 (PUBLIC PARKING #7)
2.768	2.768	INTERSECTION	RIGHT	ROUTE 0927 (PUBLIC PARKING #7)
2.793	2.793	SIGN	RIGHT	REGULATORY, BIKE LANE
2.794	2.794	SIGN	RIGHT	REGULATORY, BIKE LANE
2.993	2.993	SIGN	RIGHT	WARNING, SOFT SHOULDER
2.993	2.993	SIGN	RIGHT	WARNING, SOFT SHOULDER
2.993	2.993	SIGN	RIGHT	REGULATORY, NO ROADSIDE PARKING
2.993	2.993	SIGN	RIGHT	REGULATORY, NO ROADSIDE PARKING
3.275	3.275	SIGN	RIGHT	REGULATORY, BIKE LANE
3.275	3.275	SIGN	RIGHT	REGULATORY, BIKE LANE
3.554	3.554	SIGN	RIGHT	REGULATORY, NO ROADSIDE PARKING
3.554	3.554	SIGN	RIGHT	REGULATORY, NO ROADSIDE PARKING
3.554	3.554	SIGN	RIGHT	WARNING, SOFT SHOULDER
3.554	3.554	SIGN	RIGHT	WARNING, SOFT SHOULDER
3.655	3.655	SIGN	RIGHT	REGULATORY, SPEED LIMIT 35
3.656	3.656	SIGN	RIGHT	REGULATORY, SPEED LIMIT 35
3.789	3.789	SIGN	RIGHT	REGULATORY, BIKE LANE
3.790	3.790	SIGN	RIGHT	REGULATORY, BIKE LANE

GUIS: ROUTE MAINTENANCE FEATURES ROAD LOG

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

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
4.078	4.078	SIGN	RIGHT	REGULATORY, NO ROADSIDE PARKING
4.078	4.078	SIGN	RIGHT	REGULATORY, NO ROADSIDE PARKING
4.078	4.078	SIGN	RIGHT	WARNING, NEXT 4 MILES
4.078	4.078	SIGN	RIGHT	WARNING, SOFT SHOULDER
4.078	4.078	SIGN	RIGHT	WARNING, SOFT SHOULDER
4.227	4.227	SIGN	RIGHT	REGULATORY, BEGIN RIGHT TURN LANE YIELD TO BIKES
4.232	4.232	INTERSECTION	LEFT	ROUTE 0929 (PUBLIC PARKING #6)
4.282	4.282	SIGN	LEFT	REGULATORY, UNABLE TO READ FROM VIDEO
4.305	4.305	INTERSECTION	RIGHT	ROUTE 0212 (OPAL BEACH ROAD)
4.314	4.314	SIGN	LEFT	GUIDE, UNABLE TO READ FROM VIDEO
4.314	4.314	SIGN	RIGHT	GUIDE, J. EARLE BOWDEN WAY
4.346	4.346	SIGN	LEFT	REGULATORY, DO NOT ENTER
4.364	4.364	SIGN	RIGHT	REGULATORY, BIKE LANE
4.364	4.364	SIGN	RIGHT	REGULATORY, AHEAD
4.365	4.365	SIGN	LEFT	REGULATORY, KEEP OUT
4.384	4.384	SIGN	LEFT	REGULATORY, UNABLE TO READ FROM VIDEO
4.405	4.405	SIGN	LEFT	REGULATORY, KEEP OUT
4.422	4.422	SIGN	LEFT	REGULATORY, KEEP OUT
4.448	4.448	SIGN	LEFT	REGULATORY, UNABLE TO READ FROM VIDEO
4.486	4.486	SIGN	RIGHT	REGULATORY, SPEED LIMIT 35
4.490	4.490	SIGN	RIGHT	REGULATORY, CAUTION: CONSTRUCTION EQUIPMENT
4.536	4.536	SIGN	RIGHT	REGULATORY, NO ROADSIDE PARKING
4.536	4.536	SIGN	RIGHT	WARNING, SOFT SHOULDER
4.536	4.536	SIGN	RIGHT	WARNING, SOFT SHOULDER
4.536	4.536	SIGN	RIGHT	REGULATORY, NO ROADSIDE PARKING
4.633	4.633	SIGN	RIGHT	REGULATORY, SHOREBIRD NESTING AREA KEEP OUT BIRD NESTING AREAS ARE PROTECTED BY STATE AND FEDERAL LAW
4.665	4.665	SIGN	RIGHT	REGULATORY, DO NOT ENTER
4.696	4.696	SIGN	RIGHT	REGULATORY, KEEP OUT
4.738	4.738	SIGN	RIGHT	REGULATORY, DO NOT ENTER
4.750	4.750	SIGN	RIGHT	REGULATORY, BIKE LANE
4.772	4.772	SIGN	RIGHT	REGULATORY, KEEP OUT
4.810	4.810	SIGN	RIGHT	REGULATORY, DO NOT ENTER
4.880	4.880	SIGN	RIGHT	REGULATORY, DO NOT ENTER

GUIS: ROUTE MAINTENANCE FEATURES ROAD LOG

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

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
4.929	4.929	SIGN	RIGHT	REGULATORY, KEEP OUT
4.979	4.979	SIGN	RIGHT	REGULATORY, DO NOT ENTER
5.023	5.023	SIGN	RIGHT	REGULATORY, NO ROADSIDE PARKING
5.023	5.023	SIGN	RIGHT	REGULATORY, NO ROADSIDE PARKING
5.023	5.023	SIGN	RIGHT	WARNING, SOFT SHOULDER
5.023	5.023	SIGN	RIGHT	WARNING, SOFT SHOULDER
5.032	5.032	SIGN	RIGHT	REGULATORY, DO NOT ENTER
5.079	5.079	SIGN	RIGHT	REGULATORY, DO NOT ENTER
5.114	5.114	SIGN	RIGHT	REGULATORY, SPEED LIMIT 35
5.114	5.114	SIGN	RIGHT	REGULATORY, SPEED LIMIT 35
5.120	5.120	SIGN	RIGHT	REGULATORY, DO NOT ENTER
5.153	5.153	SIGN	RIGHT	REGULATORY, DO NOT ENTER
5.175	5.175	SIGN	RIGHT	REGULATORY, DO NOT ENTER
5.210	5.210	SIGN	RIGHT	REGULATORY, SHOREBIRD NESTING AREA KEEP OUT BIRD NESTING AREAS ARE PROTECTED BY STATE AND FEDERAL LAW
5.254	5.254	SIGN	RIGHT	REGULATORY, BIKE LANE
5.254	5.254	SIGN	RIGHT	REGULATORY, BIKE LANE
5.271	5.271	SIGN	RIGHT	REGULATORY, KEEP OUT
5.359	5.359	SIGN	LEFT	REGULATORY, AREA CLOSED KEEP-OUT
5.379	5.379	SIGN	RIGHT	REGULATORY, KEEP OUT
5.408	5.408	SIGN	LEFT	REGULATORY, KEEP OUT
5.486	5.486	SIGN	LEFT	REGULATORY, DO NOT ENTER
5.504	5.504	SIGN	RIGHT	REGULATORY, KEEP OUT
5.536	5.536	SIGN	LEFT	REGULATORY, DO NOT ENTER
5.536	5.536	SIGN	RIGHT	REGULATORY, KEEP OUT
5.547	5.547	SIGN	RIGHT	REGULATORY, NO ROADSIDE PARKING
5.547	5.547	SIGN	RIGHT	WARNING, SOFT SHOULDER
5.547	5.547	SIGN	RIGHT	WARNING, SOFT SHOULDER
5.547	5.547	SIGN	RIGHT	REGULATORY, NO ROADSIDE PARKING
5.570	5.570	SIGN	LEFT	REGULATORY, DO NOT ENTER
5.570	5.570	SIGN	RIGHT	REGULATORY, DO NOT ENTER
5.601	5.601	SIGN	LEFT	REGULATORY, DO NOT ENTER
5.601	5.601	SIGN	RIGHT	REGULATORY, KEEP OUT
5.635	5.635	SIGN	LEFT	REGULATORY, DO NOT ENTER

GUIS: ROUTE MAINTENANCE FEATURES ROAD LOG

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

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
5.636	5.636	SIGN	RIGHT	REGULATORY, KEEP OUT
5.666	5.666	SIGN	LEFT	REGULATORY, KEEP OUT
5.668	5.668	SIGN	RIGHT	REGULATORY, DO NOT ENTER
5.697	5.697	SIGN	LEFT	REGULATORY, KEEP OUT
5.697	5.697	SIGN	RIGHT	REGULATORY, DO NOT ENTER
5.731	5.731	SIGN	LEFT	REGULATORY, KEEP OUT
5.732	5.732	SIGN	LEFT	REGULATORY, AREA CLOSED KEEP-OUT
5.733	5.733	SIGN	LEFT	REGULATORY, UNABLE TO READ FROM VIDEO
5.766	5.766	SIGN	LEFT	REGULATORY, DO NOT ENTER
5.801	5.801	SIGN	RIGHT	REGULATORY, SHOREBIRD NESTING AREA KEEP OUT BIRD NESTING AREAS ARE PROTECTED BY STATE AND FEDERAL LAW
5.890	5.890	SIGN	RIGHT	REGULATORY, BIKE LANE
5.890	5.890	SIGN	RIGHT	REGULATORY, BIKE LANE
6.002	6.002	INTERSECTION	RIGHT	ROUTE 0931 (PUBLIC PARKING #1)
6.106	6.106	INTERSECTION	RIGHT	ROUTE 0931 (PUBLIC PARKING #1)
6.174	6.174	SIGN	RIGHT	WARNING, SOFT SHOULDER
6.174	6.174	SIGN	RIGHT	WARNING, SOFT SHOULDER
6.174	6.174	SIGN	RIGHT	REGULATORY, NO ROADSIDE PARKING
6.174	6.174	SIGN	RIGHT	REGULATORY, NO ROADSIDE PARKING
6.439	6.439	SIGN	RIGHT	REGULATORY, BIKE LANE
6.439	6.439	SIGN	RIGHT	REGULATORY, BIKE LANE
6.486	6.486	SIGN	RIGHT	REGULATORY, SPEED LIMIT 35
6.486	6.486	SIGN	RIGHT	REGULATORY, SPEED LIMIT 35
6.643	6.643	SIGN	RIGHT	REGULATORY, SHOREBIRD NESTING AREA KEEP OUT BIRD NESTING AREAS ARE PROTECTED BY STATE AND FEDERAL LAW
6.647	6.647	SIGN	RIGHT	WARNING, SOFT SHOULDER
6.647	6.647	SIGN	RIGHT	WARNING, SOFT SHOULDER
6.647	6.647	SIGN	RIGHT	REGULATORY, NO ROADSIDE PARKING
6.647	6.647	SIGN	RIGHT	REGULATORY, NO ROADSIDE PARKING
6.688	6.688	SIGN	RIGHT	REGULATORY, SHOREBIRD NESTING AREA KEEP OUT BIRD NESTING AREAS ARE PROTECTED BY STATE AND FEDERAL LAW
6.733	6.733	SIGN	RIGHT	REGULATORY, DO NOT ENTER

GUIS: ROUTE MAINTENANCE FEATURES ROAD LOG

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

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
6.787	6.787	SIGN	RIGHT	REGULATORY, SHOREBIRD NESTING AREA KEEP OUT BIRD NESTING AREAS ARE PROTECTED BY STATE AND FEDERAL LAW
6.842	6.842	SIGN	LEFT	REGULATORY, AREA CLOSED KEEP-OUT
6.843	6.843	SIGN	RIGHT	REGULATORY, BIKE LANE
6.844	6.844	SIGN	RIGHT	REGULATORY, BIKE LANE
7.007	7.007	SIGN	RIGHT	REGULATORY, NO ROADSIDE PARKING
7.007	7.007	SIGN	RIGHT	WARNING, SOFT SHOULDER
7.008	7.008	SIGN	RIGHT	WARNING, SOFT SHOULDER
7.008	7.008	SIGN	RIGHT	REGULATORY, NO ROADSIDE PARKING
7.166	7.166	SIGN	RIGHT	GUIDE, PLEASE NOTICE
7.166	7.166	SIGN	RIGHT	WARNING, ROAD NARROWS
7.222	7.222	SIGN	RIGHT	WARNING, AHEAD
7.222	7.222	SIGN	RIGHT	WARNING, GRAPHIC SIGN, NO TEXT
7.233	7.233	SIGN	RIGHT	GUIDE, J. EARLE BOWDEN WAY WEST
7.235	7.235	SIGN	RIGHT	REGULATORY, ENDS
7.235	7.235	SIGN	RIGHT	REGULATORY, BIKE LANE
7.259	7.259	SIGN	RIGHT	GUIDE, J. EARLE BOWDEN WAY
7.259	7.259	SIGN	LEFT	GUIDE, J. EARLE BOWDEN WAY
7.262	7.262	SIGN	RIGHT	GUIDE, GULF ISLANDS NATIONAL SEASHORE NATIONAL PARK SERVICE U.S. DEPARTMENT OF THE INTERIOR
7.262	7.262	SIGN	RIGHT	GUIDE, SANTA ROSA AREA
7.265	7.265	SIGN	RIGHT	WARNING, GRAPHIC SIGN, NO TEXT
7.265	7.265	SIGN	RIGHT	WARNING, GRAPHIC SIGN, NO TEXT
7.266	7.266	SIGN	RIGHT	REGULATORY, BIKE LANE
7.268	7.268	SIGN	RIGHT	WARNING, GRAPHIC SIGN, NO TEXT
7.268	7.268	SIGN	RIGHT	WARNING, GRAPHIC SIGN, NO TEXT
7.273	7.273	SIGN	RIGHT	REGULATORY, AHEAD
7.273	7.273	SIGN	RIGHT	REGULATORY, BIKE LANE
7.273	7.273	GATE	N/A	
7.277	7.277	SIGN	RIGHT	REGULATORY, PATH ENDS
7.281	7.281	SIGN	RIGHT	WARNING, ROAD MAY FLOOD
7.287	7.287	SIGN	LEFT	GUIDE, NAVARRE BEACH
7.289	7.289	FIRE HYDRANT	RIGHT	
7.290	7.290	INTERSECTION	N/A	PAVED ROUTE (GULF BLVD / NON NPS)

GUIS: ROUTE MAINTENANCE FEATURES ROAD LOG

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

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
7.290	7.290	PARK BOUNDARY	N/A	
7.290	7.290	ROUTE END	N/A	TO EAST PARK BOUNDARY ON U.S. HIGHWAY 399 (GULF BOULEVARD)

GUIS: ROUTE MAINTENANCE FEATURES ROAD LOG

ROUTE 0012: FORT PICKENS ROAD

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.000	0.000	ROUTE BEGIN	N/A	FROM EAST PARK BOUNDARY ON FORT PICKENS ROAD
0.000	0.000	INTERSECTION	N/A	PAVED ROUTE (FORT PICKENS ROAD)
0.000	0.000	PARK BOUNDARY	N/A	
0.016	0.016	SIGN	RIGHT	REGULATORY, AHEAD
0.016	0.016	SIGN	RIGHT	REGULATORY, BIKE LANE
0.023	0.023	SIGN	LEFT	REGULATORY, DO NOT ENTER
0.065	0.065	SIGN	RIGHT	GUIDE, FORT PICKENS AREA
0.065	0.065	SIGN	RIGHT	GUIDE, GULF ISLANDS NATIONAL SEASHORE NATIONAL PARK SERVICE U.S. DEPARTMENT OF THE INTERIOR
0.076	0.076	SIGN	LEFT	REGULATORY, UNABLE TO READ FROM VIDEO
0.087	0.087	SIGN	LEFT	REGULATORY, DO NOT ENTER
0.091	0.091	SIGN	RIGHT	WARNING, ROAD MAY FLOOD
0.099	0.099	SIGN	RIGHT	REGULATORY, BIKE LANE
0.099	0.099	SIGN	RIGHT	REGULATORY, ENDS
0.108	0.108	SIGN	LEFT	REGULATORY, DO NOT ENTER
0.132	0.132	SIGN	LEFT	REGULATORY, DO NOT ENTER
0.163	0.163	SIGN	RIGHT	REGULATORY, UNABLE TO READ FROM VIDEO
0.168	0.168	SIGN	LEFT	REGULATORY, DO NOT ENTER
0.185	0.185	SIGN	LEFT	REGULATORY, DO NOT ENTER
0.192	0.192	SIGN	RIGHT	REGULATORY, KEEP OUT
0.208	0.208	SIGN	LEFT	REGULATORY, DO NOT ENTER
0.221	0.221	SIGN	RIGHT	REGULATORY, KEEP OUT
0.234	0.234	SIGN	LEFT	REGULATORY, DO NOT ENTER
0.242	0.242	SIGN	LEFT	REGULATORY, DO NOT ENTER
0.251	0.251	SIGN	RIGHT	REGULATORY, KEEP OUT
0.258	0.258	SIGN	LEFT	REGULATORY, DO NOT ENTER
0.262	0.262	SIGN	RIGHT	REGULATORY, BIKE LANE
0.262	0.262	SIGN	RIGHT	REGULATORY, BIKE LANE
0.266	0.266	SIGN	RIGHT	REGULATORY, KEEP OUT
0.267	0.267	SIGN	LEFT	REGULATORY, DO NOT ENTER
0.287	0.287	SIGN	LEFT	REGULATORY, DO NOT ENTER
0.298	0.298	SIGN	RIGHT	REGULATORY, KEEP OUT
0.317	0.317	SIGN	LEFT	REGULATORY, DO NOT ENTER
0.342	0.342	SIGN	LEFT	REGULATORY, UNABLE TO READ FROM VIDEO

GUIS: ROUTE MAINTENANCE FEATURES ROAD LOG

ROUTE 0012: FORT PICKENS ROAD

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.357	0.357	SIGN	RIGHT	REGULATORY, SPEED LIMIT 15
0.358	0.358	SIGN	RIGHT	REGULATORY, SPEED LIMIT 15
0.360	0.360	SIGN	LEFT	REGULATORY, SHOREBIRD NESTING AREA KEEP OUT BIRD NESTING AREAS ARE PROTECTED BY STATE AND FEDERAL LAW
0.367	0.367	SIGN	LEFT	REGULATORY, DO NOT ENTER
0.401	0.401	SIGN	LEFT	REGULATORY, DO NOT ENTER
0.435	0.435	SIGN	LEFT	REGULATORY, KEEP OUT
0.443	0.443	SIGN	LEFT	REGULATORY, KEEP OUT
0.446	0.446	SIGN	RIGHT	REGULATORY, NO ROADSIDE PARKING
0.446	0.446	SIGN	RIGHT	WARNING, SOFT SHOULDER
0.446	0.446	SIGN	RIGHT	REGULATORY, NO ROADSIDE PARKING
0.446	0.446	SIGN	RIGHT	WARNING, SOFT SHOULDER
0.471	0.471	SIGN	LEFT	REGULATORY, KEEP OUT
0.508	0.508	SIGN	LEFT	REGULATORY, KEEP OUT
0.515	0.515	SIGN	LEFT	REGULATORY, KEEP OUT
0.546	0.546	SIGN	LEFT	REGULATORY, KEEP OUT
0.558	0.558	SIGN	RIGHT	REGULATORY, AREA CLOSED KEEP-OUT
0.596	0.596	SIGN	LEFT	REGULATORY, DO NOT ENTER
0.611	0.611	SIGN	LEFT	REGULATORY, DO NOT ENTER
0.629	0.629	SIGN	LEFT	REGULATORY, DO NOT ENTER
0.641	0.641	SIGN	LEFT	REGULATORY, DO NOT ENTER
0.644	0.644	SIGN	RIGHT	REGULATORY, BIKE LANE
0.644	0.644	SIGN	RIGHT	REGULATORY, BIKE LANE
0.652	0.652	SIGN	LEFT	REGULATORY, DO NOT ENTER
0.665	0.665	SIGN	LEFT	REGULATORY, DO NOT ENTER
0.683	0.683	SIGN	LEFT	REGULATORY, DO NOT ENTER
0.708	0.708	SIGN	RIGHT	REGULATORY, AREA CLOSED KEEP-OUT
0.711	0.711	SIGN	LEFT	REGULATORY, DO NOT ENTER
0.724	0.724	SIGN	RIGHT	WARNING, GRAPHIC SIGN, NO TEXT
0.739	0.739	SIGN	LEFT	REGULATORY, DO NOT ENTER
0.760	0.760	SIGN	LEFT	REGULATORY, DO NOT ENTER
0.762	0.762	SIGN	RIGHT	REGULATORY, SPEED LIMIT 5
0.785	0.785	SIGN	RIGHT	GUIDE, ENTRANCE FEES GULF ISLANDS NATIONAL SEASHORE ENTRANCE

GUIS: ROUTE MAINTENANCE FEATURES ROAD LOG

ROUTE 0012: FORT PICKENS ROAD

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.800	0.800	SIGN	LEFT	REGULATORY, DO NOT ENTER
0.816	0.816	INTERSECTION	LEFT	ROUTE 0012 (FORT PICKENS ROAD) CUT-THRU
0.819	0.829	CURB-AND-GUTTER	LEFT	
0.837	0.842	CURB-AND-GUTTER	RIGHT	
0.839	0.839	INTERSECTION	LEFT	ROUTE 0012 (FORT PICKENS ROAD) CUT-THRU
0.860	0.861	CURB-AND-GUTTER	LEFT	
0.863	0.886	PULLOUT	RIGHT	
0.880	0.880	SIGN	LEFT	REGULATORY, KEEP OUT
0.908	0.908	SIGN	LEFT	REGULATORY, KEEP OUT
0.915	0.915	SIGN	RIGHT	REGULATORY, SPEED LIMIT 15
0.915	0.915	SIGN	RIGHT	REGULATORY, SPEED LIMIT 5
0.932	0.932	SIGN	LEFT	REGULATORY, DO NOT ENTER
0.954	0.954	SIGN	LEFT	REGULATORY, DO NOT ENTER
0.992	0.992	SIGN	LEFT	REGULATORY, DO NOT ENTER
1.009	1.009	SIGN	RIGHT	REGULATORY, NO ROADSIDE PARKING
1.009	1.009	SIGN	RIGHT	WARNING, SOFT SHOULDER
1.010	1.010	SIGN	RIGHT	WARNING, SOFT SHOULDER
1.010	1.010	SIGN	RIGHT	REGULATORY, NO ROADSIDE PARKING
1.050	1.050	SIGN	LEFT	REGULATORY, DO NOT ENTER
1.077	1.077	SIGN	RIGHT	REGULATORY, 1 MILE
1.077	1.077	SIGN	RIGHT	REGULATORY, BIKE LANE
1.077	1.077	SIGN	RIGHT	REGULATORY, ENDS
1.078	1.078	SIGN	RIGHT	REGULATORY, BIKE LANE
1.108	1.108	SIGN	LEFT	REGULATORY, DO NOT ENTER
1.144	1.144	SIGN	LEFT	REGULATORY, DO NOT ENTER
1.227	1.227	SIGN	LEFT	REGULATORY, DO NOT ENTER
1.259	1.259	SIGN	LEFT	REGULATORY, DO NOT ENTER
1.304	1.304	SIGN	RIGHT	REGULATORY, SPEED LIMIT 15
1.305	1.305	SIGN	RIGHT	REGULATORY, SPEED LIMIT 15
1.314	1.314	SIGN	LEFT	REGULATORY, DO NOT ENTER
1.351	1.351	SIGN	LEFT	REGULATORY, DO NOT ENTER
1.386	1.386	SIGN	LEFT	REGULATORY, DO NOT ENTER
1.426	1.426	SIGN	LEFT	REGULATORY, DO NOT ENTER
1.454	1.454	SIGN	LEFT	REGULATORY, KEEP OUT

GUIS: ROUTE MAINTENANCE FEATURES ROAD LOG

ROUTE 0012: FORT PICKENS ROAD

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
1.471	1.471	SIGN	LEFT	REGULATORY, KEEP OUT
1.481	1.481	SIGN	LEFT	REGULATORY, DO NOT ENTER
1.496	1.496	SIGN	RIGHT	REGULATORY, NO ROADSIDE PARKING
1.496	1.496	SIGN	RIGHT	WARNING, SOFT SHOULDER
1.497	1.497	SIGN	RIGHT	REGULATORY, NO ROADSIDE PARKING
1.497	1.497	SIGN	RIGHT	WARNING, SOFT SHOULDER
1.498	1.498	SIGN	LEFT	REGULATORY, DO NOT ENTER
1.541	1.541	SIGN	RIGHT	REGULATORY, AREA CLOSED KEEP-OUT
1.638	1.638	SIGN	LEFT	REGULATORY, DO NOT ENTER
1.661	1.661	INTERSECTION	LEFT	ROUTE 0921 (PUBLIC BEACH PARKING #21)
1.760	1.760	INTERSECTION	LEFT	ROUTE 0921 (PUBLIC BEACH PARKING #21)
1.770	1.770	SIGN	RIGHT	REGULATORY, BIKE LANE
1.770	1.770	SIGN	RIGHT	REGULATORY, BIKE LANE
1.816	1.816	SIGN	RIGHT	REGULATORY, AREA CLOSED KEEP-OUT
1.842	1.842	SIGN	RIGHT	REGULATORY, SPEED LIMIT 15
1.894	1.894	SIGN	RIGHT	REGULATORY, SHOREBIRD NESTING AREA KEEP OUT BIRD NESTING AREAS ARE PROTECTED BY STATE AND FEDERAL LAW
1.947	1.947	SIGN	RIGHT	WARNING, SOFT SHOULDER
1.947	1.947	SIGN	RIGHT	WARNING, SOFT SHOULDER
1.947	1.947	SIGN	RIGHT	REGULATORY, NO ROADSIDE PARKING
1.947	1.947	SIGN	RIGHT	REGULATORY, NO ROADSIDE PARKING
1.992	1.992	SIGN	LEFT	REGULATORY, SHOREBIRD NESTING AREA KEEP OUT BIRD NESTING AREAS ARE PROTECTED BY STATE AND FEDERAL LAW
2.083	2.083	SIGN	RIGHT	REGULATORY, SHOREBIRD NESTING AREA KEEP OUT BIRD NESTING AREAS ARE PROTECTED BY STATE AND FEDERAL LAW
2.098	2.098	SIGN	RIGHT	REGULATORY, SHOREBIRD NESTING AREA KEEP OUT BIRD NESTING AREAS ARE PROTECTED BY STATE AND FEDERAL LAW
2.136	2.136	SIGN	RIGHT	REGULATORY, SPEED LIMIT 15
2.136	2.136	SIGN	RIGHT	REGULATORY, SPEED LIMIT 15
2.250	2.250	SIGN	RIGHT	REGULATORY, BIKE LANE
2.250	2.250	SIGN	RIGHT	REGULATORY, BIKE LANE
2.447	2.447	SIGN	RIGHT	REGULATORY, SHOREBIRD NESTING AREA KEEP OUT BIRD NESTING AREAS ARE PROTECTED BY STATE AND FEDERAL LAW

GUIS: ROUTE MAINTENANCE FEATURES ROAD LOG

ROUTE 0012: FORT PICKENS ROAD

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
2.448	2.448	SIGN	RIGHT	REGULATORY, NO ROADSIDE PARKING
2.448	2.448	SIGN	RIGHT	REGULATORY, NO ROADSIDE PARKING
2.448	2.448	SIGN	RIGHT	WARNING, SOFT SHOULDER
2.448	2.448	SIGN	RIGHT	WARNING, SOFT SHOULDER
2.459	2.459	SIGN	RIGHT	REGULATORY, KEEP OUT
2.473	2.473	SIGN	RIGHT	REGULATORY, DO NOT ENTER
2.502	2.502	SIGN	RIGHT	REGULATORY, SHOREBIRD NESTING AREA KEEP OUT BIRD NESTING AREAS ARE PROTECTED BY STATE AND FEDERAL LAW
2.558	2.558	SIGN	RIGHT	REGULATORY, SHOREBIRD NESTING AREA KEEP OUT BIRD NESTING AREAS ARE PROTECTED BY STATE AND FEDERAL LAW
2.586	2.586	SIGN	RIGHT	REGULATORY, SHOREBIRD NESTING AREA KEEP OUT BIRD NESTING AREAS ARE PROTECTED BY STATE AND FEDERAL LAW
2.607	2.607	SIGN	RIGHT	REGULATORY, AREA CLOSED KEEP-OUT
2.781	2.781	SIGN	RIGHT	REGULATORY, BIKE LANE
2.781	2.781	SIGN	RIGHT	REGULATORY, BIKE LANE
2.951	2.951	SIGN	RIGHT	WARNING, SOFT SHOULDER
2.951	2.951	SIGN	RIGHT	REGULATORY, NO ROADSIDE PARKING
2.951	2.951	SIGN	RIGHT	REGULATORY, NO ROADSIDE PARKING
2.951	2.951	SIGN	RIGHT	WARNING, SOFT SHOULDER
3.275	3.275	SIGN	RIGHT	REGULATORY, BIKE LANE
3.275	3.275	SIGN	RIGHT	REGULATORY, BIKE LANE
3.456	3.456	SIGN	RIGHT	REGULATORY, NO ROADSIDE PARKING
3.456	3.456	SIGN	RIGHT	WARNING, SOFT SHOULDER
3.457	3.457	SIGN	RIGHT	REGULATORY, NO ROADSIDE PARKING
3.457	3.457	SIGN	RIGHT	WARNING, SOFT SHOULDER
3.578	3.578	INTERSECTION	LEFT	ROUTE 0920 (PUBLIC BEACH PARKING #22)
3.634	3.634	SIGN	RIGHT	REGULATORY, SPEED LIMIT 15
3.634	3.634	SIGN	RIGHT	REGULATORY, SPEED LIMIT 15
3.664	3.664	SIGN	RIGHT	REGULATORY, AREA CLOSED KEEP-OUT
3.678	3.678	INTERSECTION	LEFT	ROUTE 0920 (PUBLIC BEACH PARKING #22)
3.704	3.704	SIGN	RIGHT	REGULATORY, DO NOT ENTER
3.726	3.726	SIGN	RIGHT	REGULATORY, SHOREBIRD NESTING AREA KEEP OUT BIRD NESTING AREAS ARE PROTECTED BY STATE AND FEDERAL LAW

GUIS: ROUTE MAINTENANCE FEATURES ROAD LOG

ROUTE 0012: FORT PICKENS ROAD

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
3.753	3.753	SIGN	RIGHT	REGULATORY, SHOREBIRD NESTING AREA KEEP OUT BIRD NESTING AREAS ARE PROTECTED BY STATE AND FEDERAL LAW
3.776	3.776	SIGN	RIGHT	REGULATORY, BIKE LANE
3.776	3.776	SIGN	RIGHT	REGULATORY, BIKE LANE
3.794	3.794	SIGN	RIGHT	REGULATORY, KEEP OUT
3.815	3.815	SIGN	RIGHT	REGULATORY, SHOREBIRD NESTING AREA KEEP OUT BIRD NESTING AREAS ARE PROTECTED BY STATE AND FEDERAL LAW
3.842	3.842	SIGN	RIGHT	REGULATORY, DO NOT ENTER
3.859	3.859	SIGN	RIGHT	REGULATORY, DO NOT ENTER
3.873	3.873	SIGN	RIGHT	REGULATORY, 1 MILE
3.873	3.873	SIGN	RIGHT	REGULATORY, BIKE LANE
3.873	3.873	SIGN	RIGHT	REGULATORY, ENDS
3.874	3.874	SIGN	RIGHT	REGULATORY, SHOREBIRD NESTING AREA KEEP OUT BIRD NESTING AREAS ARE PROTECTED BY STATE AND FEDERAL LAW
3.892	3.892	SIGN	RIGHT	REGULATORY, SHOREBIRD NESTING AREA KEEP OUT BIRD NESTING AREAS ARE PROTECTED BY STATE AND FEDERAL LAW
3.920	3.920	SIGN	RIGHT	REGULATORY, DO NOT ENTER
3.943	3.943	SIGN	RIGHT	REGULATORY, DO NOT ENTER
3.954	3.954	SIGN	RIGHT	REGULATORY, NO ROADSIDE PARKING
3.954	3.954	SIGN	RIGHT	WARNING, SOFT SHOULDER
3.955	3.955	SIGN	RIGHT	REGULATORY, NO ROADSIDE PARKING
3.955	3.955	SIGN	RIGHT	WARNING, SOFT SHOULDER
3.959	3.959	SIGN	RIGHT	REGULATORY, DO NOT ENTER
3.988	3.988	SIGN	RIGHT	REGULATORY, DO NOT ENTER
4.004	4.004	SIGN	RIGHT	REGULATORY, SHOREBIRD NESTING AREA KEEP OUT BIRD NESTING AREAS ARE PROTECTED BY STATE AND FEDERAL LAW
4.020	4.020	SIGN	RIGHT	REGULATORY, DO NOT ENTER
4.050	4.050	SIGN	RIGHT	REGULATORY, SHOREBIRD NESTING AREA KEEP OUT BIRD NESTING AREAS ARE PROTECTED BY STATE AND FEDERAL LAW
4.065	4.065	SIGN	RIGHT	REGULATORY, DO NOT ENTER
4.078	4.078	SIGN	RIGHT	REGULATORY, SPEED LIMIT 15
4.078	4.078	SIGN	RIGHT	REGULATORY, SPEED LIMIT 15

GUIS: ROUTE MAINTENANCE FEATURES ROAD LOG

ROUTE 0012: FORT PICKENS ROAD

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
4.080	4.080	SIGN	RIGHT	REGULATORY, SHOREBIRD NESTING AREA KEEP OUT BIRD NESTING AREAS ARE PROTECTED BY STATE AND FEDERAL LAW
4.110	4.110	SIGN	RIGHT	REGULATORY, SHOREBIRD NESTING AREA KEEP OUT BIRD NESTING AREAS ARE PROTECTED BY STATE AND FEDERAL LAW
4.122	4.122	SIGN	RIGHT	REGULATORY, DO NOT ENTER
4.136	4.136	SIGN	RIGHT	REGULATORY, SHOREBIRD NESTING AREA KEEP OUT BIRD NESTING AREAS ARE PROTECTED BY STATE AND FEDERAL LAW
4.162	4.162	SIGN	RIGHT	REGULATORY, SHOREBIRD NESTING AREA KEEP OUT BIRD NESTING AREAS ARE PROTECTED BY STATE AND FEDERAL LAW
4.178	4.178	SIGN	RIGHT	REGULATORY, DO NOT ENTER
4.192	4.192	SIGN	RIGHT	REGULATORY, SHOREBIRD NESTING AREA KEEP OUT BIRD NESTING AREAS ARE PROTECTED BY STATE AND FEDERAL LAW
4.221	4.221	SIGN	RIGHT	REGULATORY, SHOREBIRD NESTING AREA KEEP OUT BIRD NESTING AREAS ARE PROTECTED BY STATE AND FEDERAL LAW
4.236	4.236	SIGN	RIGHT	REGULATORY, DO NOT ENTER
4.250	4.250	SIGN	RIGHT	REGULATORY, SHOREBIRD NESTING AREA KEEP OUT BIRD NESTING AREAS ARE PROTECTED BY STATE AND FEDERAL LAW
4.264	4.264	SIGN	RIGHT	REGULATORY, BIKE LANE
4.264	4.264	SIGN	RIGHT	REGULATORY, DO NOT ENTER
4.265	4.265	SIGN	RIGHT	REGULATORY, BIKE LANE
4.277	4.277	SIGN	RIGHT	REGULATORY, SHOREBIRD NESTING AREA KEEP OUT BIRD NESTING AREAS ARE PROTECTED BY STATE AND FEDERAL LAW
4.286	4.286	SIGN	RIGHT	REGULATORY, SHOREBIRD NESTING AREA KEEP OUT BIRD NESTING AREAS ARE PROTECTED BY STATE AND FEDERAL LAW
4.296	4.296	SIGN	LEFT	REGULATORY, AREA CLOSED KEEP-OUT
4.457	4.457	SIGN	RIGHT	REGULATORY, NO ROADSIDE PARKING
4.457	4.457	SIGN	RIGHT	REGULATORY, NO ROADSIDE PARKING
4.457	4.457	SIGN	RIGHT	WARNING, SOFT SHOULDER
4.457	4.457	SIGN	RIGHT	WARNING, SOFT SHOULDER
4.530	4.530	SIGN	RIGHT	GUIDE, CAMPGROUND REGISTRATION
4.531	4.531	SIGN	LEFT	GUIDE, CAMPGROUND REGISTRATION
4.538	4.538	INTERSECTION	RIGHT	ROUTE 0919 (CAMPGROUND REGISTRATION/ RANGER STATION COMPLEX PARKING)

GUIS: ROUTE MAINTENANCE FEATURES ROAD LOG

ROUTE 0012: FORT PICKENS ROAD

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
4.671	4.671	SIGN	RIGHT	REGULATORY, GRAPHIC SIGN, NO TEXT
4.673	4.673	INTERSECTION	RIGHT	ROUTE 0919 (CAMPGROUND REGISTRATION/ RANGER STATION COMPLEX PARKING)
4.720	4.720	INTERSECTION	RIGHT	ROUTE 0919 (CAMPGROUND REGISTRATION/ RANGER STATION COMPLEX PARKING)
4.748	4.748	SIGN	RIGHT	REGULATORY, BIKE LANE
4.748	4.748	SIGN	RIGHT	REGULATORY, BIKE LANE
4.764	4.764	INTERSECTION	LEFT	ROUTE 0100 (LANGDON BEACH ACCESS ROAD)
4.768	4.768	SIGN	RIGHT	REGULATORY, SPEED LIMIT 35
4.772	4.772	SIGN	LEFT	GUIDE, LANGDON BEACH
4.831	4.831	SIGN	RIGHT	WARNING, GRAPHIC SIGN, NO TEXT
4.831	4.831	SIGN	RIGHT	WARNING, AHEAD
4.850	4.850	SIGN	RIGHT	REGULATORY, BIKE LANE
4.850	4.850	SIGN	RIGHT	REGULATORY, ENDS
4.865	4.865	SIGN	RIGHT	WARNING, GRAPHIC SIGN, NO TEXT
4.865	4.865	SIGN	RIGHT	WARNING, GRAPHIC SIGN, NO TEXT
4.868	4.868	INTERSECTION	RIGHT	ROUTE 0408 (FORT PICKENS GROUP CAMPING ACCESS ROAD)
4.873	4.873	SIGN	RIGHT	WARNING, GRAPHIC SIGN, NO TEXT
4.873	4.873	SIGN	RIGHT	WARNING, GRAPHIC SIGN, NO TEXT
4.897	4.897	SIGN	RIGHT	REGULATORY, AHEAD
4.897	4.897	SIGN	RIGHT	REGULATORY, BIKE LANE
4.918	4.918	SIGN	RIGHT	WARNING, AHEAD
4.918	4.918	SIGN	RIGHT	WARNING, GRAPHIC SIGN, NO TEXT
4.938	4.938	INTERSECTION	RIGHT	ROUTE 0933 (BATTERY LANGDON PARKING)
4.959	4.959	SIGN	RIGHT	WARNING, SOFT SHOULDER
4.959	4.959	SIGN	RIGHT	REGULATORY, NO ROADSIDE PARKING
4.976	4.976	SIGN	RIGHT	REGULATORY, NO ROADSIDE PARKING
4.976	4.976	SIGN	RIGHT	WARNING, SOFT SHOULDER
5.013	5.013	INTERSECTION	LEFT	ROUTE 0100 (LANGDON BEACH ACCESS ROAD)
5.023	5.023	SIGN	RIGHT	GUIDE, LANGDON BEACH
5.087	5.087	SIGN	RIGHT	WARNING, ROAD MAY FLOOD
5.186	5.186	SIGN	RIGHT	REGULATORY, SPEED LIMIT 35
5.366	5.366	SIGN	RIGHT	WARNING, GRAPHIC SIGN, NO TEXT
5.425	5.425	SIGN	RIGHT	GUIDE, CAMPGROUND LOOP A
5.425	5.425	SIGN	LEFT	GUIDE, CAMPGROUND LOOP A

GUIS: ROUTE MAINTENANCE FEATURES ROAD LOG

ROUTE 0012: FORT PICKENS ROAD

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
5.443	5.443	INTERSECTION	RIGHT	ROUTE 0202 (FORT PICKENS CAMPGROUND LOOP A)
5.461	5.461	SIGN	RIGHT	GUIDE, FORT PICKENS FORT TOURS MUSEUM
5.473	5.473	SIGN	RIGHT	WARNING, GRAPHIC SIGN, NO TEXT
5.673	5.673	FIRE HYDRANT	LEFT	
5.754	5.754	SIGN	LEFT	GUIDE, CAMPGROUND LOOPS B,C,D & E
5.754	5.754	SIGN	RIGHT	GUIDE, CAMPGROUND LOOPS B,C,D & E
5.763	5.763	INTERSECTION	RIGHT	ROUTE 0201 (FORT PICKENS CAMPGROUND LOOPS B-E)
5.795	5.795	INTERSECTION	RIGHT	ROUTE 0916 (CAMPGROUND STORE PARKING)
5.807	5.807	FIRE HYDRANT	LEFT	
5.864	5.864	SIGN	RIGHT	REGULATORY, SPEED LIMIT 35
6.008	6.008	INTERSECTION	RIGHT	ROUTE 0915 (BATTERY WORTH PICNIC AREA PARKING)
6.020	6.020	SIGN	LEFT	GUIDE, BATTERY WORTH PICNIC AREA
6.020	6.020	SIGN	RIGHT	GUIDE, BATTERY WORTH PICNIC AREA
6.029	6.029	INTERSECTION	LEFT	ROUTE 0501 (BATTERY 234 LOOP ROAD)
6.029	6.029	INTERSECTION	RIGHT	ROUTE 0915 (BATTERY WORTH PICNIC AREA PARKING)
6.067	6.067	SIGN	RIGHT	GUIDE, NATIONAL PARK SERVICE CELLULAR *55 TO REPORT PARK EMERGENCY
6.110	6.110	SIGN	RIGHT	WARNING, GRAPHIC SIGN, NO TEXT
6.139	6.139	SIGN	RIGHT	REGULATORY, SPEED LIMIT 35
6.430	6.430	INTERSECTION	RIGHT	ROUTE 0912 (GRAVES PARKING)
6.435	6.435	SIGN	RIGHT	REGULATORY, ONE WAY
6.436	6.436	SIGN	LEFT	REGULATORY, ONE WAY
6.463	6.463	INTERSECTION	LEFT	ROUTE 0501 (BATTERY 234 LOOP ROAD)
6.466	6.466	SIGN	LEFT	GUIDE, BATTERIES 234 AND COOPER
6.466	6.466	SIGN	RIGHT	GUIDE, BATTERIES 234 AND COOPER
6.481	6.481	INTERSECTION	RIGHT	ROUTE 0912 (GRAVES PARKING)
6.556	6.556	CULVERT	N/A	
6.582	6.582	SIGN	RIGHT	REGULATORY, SPEED LIMIT 20
6.588	6.588	SIGN	RIGHT	REGULATORY, SPEED LIMIT 35
6.609	6.609	CULVERT	N/A	
6.861	6.861	SIGN	RIGHT	GUIDE, GRAPHIC SIGN, NO TEXT
6.921	6.921	SIGN	RIGHT	REGULATORY, NO PARKING ANY TIME
6.921	6.921	SIGN	RIGHT	REGULATORY, SPEED LIMIT 20
6.930	6.930	SIGN	RIGHT	GUIDE, VISITOR CENTER NEXT RIGHT

GUIS: ROUTE MAINTENANCE FEATURES ROAD LOG

ROUTE 0012: FORT PICKENS ROAD

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
6.932	6.932	SIGN	LEFT	REGULATORY, AREA CLOSED KEEP-OUT
6.977	6.977	INTERSECTION	LEFT	ROUTE 0500 (FORT PICKENS LOOP ROAD)
6.977	6.977	INTERSECTION	RIGHT	ROUTE 0500 (FORT PICKENS LOOP ROAD)
6.984	6.984	SIGN	RIGHT	GUIDE, FORT PICKENS VISITOR CENTER & BOOKSTORE OPEN 8 AM TO SUNSET
7.112	7.112	INTERSECTION	RIGHT	ROUTE 0402 (FORT PICKENS SERVICE ROAD)
7.116	7.116	INTERSECTION	LEFT	ROUTE 0401 (FORT PICKENS DISTRICT OFFICE ROAD)
7.118	7.118	SIGN	LEFT	REGULATORY, UNABLE TO READ FROM VIDEO
7.118	7.118	SIGN	LEFT	REGULATORY, UNABLE TO READ FROM VIDEO
7.121	7.121	INTERSECTION	RIGHT	ROUTE 0907DZ (FORT PICKENS DISTRICT PARKING D)
7.127	7.127	INTERSECTION	LEFT	ROUTE 0907CZ (FORT PICKENS DISTRICT PARKING C)
7.137	7.137	INTERSECTION	RIGHT	ROUTE 0907BZ (FORT PICKENS DISTRICT PARKING B)
7.143	7.143	FIRE HYDRANT	RIGHT	
7.152	7.152	INTERSECTION	LEFT	ROUTE 0907AZ (FORT PICKENS DISTRICT PARKING A)
7.178	7.178	SIGN	LEFT	REGULATORY, ONE WAY
7.179	7.179	SIGN	RIGHT	REGULATORY, STOP
7.180	7.180	INTERSECTION	LEFT	ROUTE 0500 (FORT PICKENS LOOP ROAD)
7.180	7.180	INTERSECTION	RIGHT	ROUTE 0500 (FORT PICKENS LOOP ROAD)
7.180	7.180	PARK BOUNDARY	N/A	
7.180	7.180	ROUTE END	N/A	TO ROUTE 0500 (FORT PICKENS LOOP ROAD) ON LEFT AND RIGHT

GUIS: ROUTE MAINTENANCE FEATURES ROAD LOG

ROUTE 0013: JOHNSON BEACH ROAD

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.000	0.000	ROUTE BEGIN	N/A	FROM PARK BOUNDARY ON JOHNSON BEACH ROAD
0.000	0.000	PARK BOUNDARY	N/A	
0.000	0.000	INTERSECTION	N/A	PAVED ROUTE (JOHNSON BEACH ROAD)
0.004	0.004	SIGN	RIGHT	REGULATORY, SPEED LIMIT 30
0.005	0.019	GUARD/GUIDE WALL	LEFT	
0.006	0.006	SIGN	LEFT	REGULATORY, UNABLE TO READ FROM VIDEO
0.016	0.016	SIGN	RIGHT	REGULATORY, TEAM UP CLEAN UP HOLY SPIRIT CATHOLIC CHURCH BOY SCOUT TROOP 692
0.019	0.019	SIGN	N/A	GUIDE, OPEN 8 AM TIL SUNSET
0.019	0.019	SIGN	N/A	REGULATORY, STOP
0.019	0.019	GATE	N/A	HORIZONTAL AND VERTICAL BARS
0.019	0.019	SIGN	N/A	REGULATORY, STOP
0.022	0.022	SIGN	RIGHT	GUIDE, UNABLE TO READ FROM VIDEO
0.033	0.033	SIGN	RIGHT	GUIDE, GULF ISLANDS NATIONAL SEASHORE UNITED STATES DEPARTMENT OF THE INTERIOR NATIONAL PARK SERVICE
0.033	0.033	SIGN	RIGHT	GUIDE, PERDIDO KEY AREA
0.045	0.045	SIGN	RIGHT	GUIDE, UNABLE TO READ FROM VIDEO
0.047	0.047	SIGN	RIGHT	GUIDE, ENTRANCE FEES GULF ISLANDS NATIONAL SEASHORE ENTRANCE
0.054	0.054	SIGN	RIGHT	REGULATORY, NO PARKING ANY TIME
0.066	0.066	SIGN	RIGHT	GUIDE, VEHICLES ON DESIGNATED ROADS ONLY
0.077	0.077	SIGN	RIGHT	GUIDE, UNABLE TO READ FROM VIDEO
0.088	0.088	SIGN	RIGHT	GUIDE, OPEN 8 A.M. TO SUNSET
0.108	0.108	SIGN	LEFT	REGULATORY, GRAPHIC SIGN, NO TEXT
0.108	0.108	SIGN	LEFT	REGULATORY, ONE WAY
0.110	0.110	SIGN	RIGHT	GUIDE, UNABLE TO READ FROM VIDEO
0.127	0.127	INTERSECTION	LEFT	ROUTE 0013 (JOHNSON BEACH ROAD) CUT-THRU
0.129	0.129	SIGN	RIGHT	GUIDE, UNABLE TO READ FROM VIDEO
0.131	0.131	SIGN	LEFT	GUIDE, U.S. FEE AREA
0.134	0.134	SIGN	RIGHT	REGULATORY, STOP
0.139	0.139	INTERSECTION	LEFT	ROUTE 0013 (JOHNSON BEACH ROAD) CUT-THRU
0.145	0.145	SIGN	RIGHT	GUIDE, UNABLE TO READ FROM VIDEO
0.151	0.151	SIGN	RIGHT	GUIDE, NO PETS ON BEACH
0.158	0.158	SIGN	RIGHT	GUIDE, UNABLE TO READ FROM VIDEO
0.172	0.172	SIGN	RIGHT	GUIDE, UNABLE TO READ FROM VIDEO

GUIS: ROUTE MAINTENANCE FEATURES ROAD LOG

ROUTE 0013: JOHNSON BEACH ROAD

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.205	0.205	SIGN	RIGHT	GUIDE, UNABLE TO READ FROM VIDEO
0.236	0.236	SIGN	RIGHT	GUIDE, UNABLE TO READ FROM VIDEO
0.247	0.247	SIGN	RIGHT	GUIDE, UNABLE TO READ FROM VIDEO
0.264	0.264	SIGN	RIGHT	GUIDE, UNABLE TO READ FROM VIDEO
0.277	0.277	SIGN	LEFT	GUIDE, UNABLE TO READ FROM VIDEO
0.364	0.364	SIGN	RIGHT	REGULATORY, SPEED LIMIT 25
0.365	0.365	SIGN	RIGHT	GUIDE, JOHNSON BEACH BOAT RAMP DISCOVERY NATURE TRAIL
0.372	0.372	SIGN	LEFT	GUIDE, JOHNSON BEACH
0.372	0.372	SIGN	RIGHT	GUIDE, BACKCOUNTRY CAMPING REGISTRATION
0.381	0.381	INTERSECTION	RIGHT	ROUTE 0906 (JOHNSON BEACH ACCESS PARKING)
0.381	0.381	INTERSECTION	LEFT	ROUTE 0200 (NATURE TRAIL ACCESS ROAD)
0.402	0.402	SIGN	RIGHT	REGULATORY, SPEED LIMIT 25
0.547	0.547	SIGN	RIGHT	GUIDE, UNABLE TO READ FROM VIDEO
0.587	0.587	SIGN	RIGHT	GUIDE, UNABLE TO READ FROM VIDEO
0.642	0.642	SIGN	RIGHT	GUIDE, UNABLE TO READ FROM VIDEO
0.675	0.675	SIGN	RIGHT	GUIDE, UNABLE TO READ FROM VIDEO
0.716	0.716	SIGN	RIGHT	GUIDE, UNABLE TO READ FROM VIDEO
0.736	0.736	SIGN	RIGHT	GUIDE, UNABLE TO READ FROM VIDEO
0.764	0.764	SIGN	RIGHT	GUIDE, UNABLE TO READ FROM VIDEO
0.788	0.788	SIGN	RIGHT	REGULATORY, SPEED LIMIT 25
0.848	0.848	SIGN	RIGHT	GUIDE, UNABLE TO READ FROM VIDEO
0.906	0.906	SIGN	RIGHT	GUIDE, UNABLE TO READ FROM VIDEO
0.930	0.930	SIGN	RIGHT	GUIDE, UNABLE TO READ FROM VIDEO
0.935	0.935	SIGN	RIGHT	GUIDE, UNABLE TO READ FROM VIDEO
0.984	0.984	SIGN	RIGHT	GUIDE, UNABLE TO READ FROM VIDEO
1.059	1.059	SIGN	RIGHT	GUIDE, UNABLE TO READ FROM VIDEO
1.117	1.117	SIGN	RIGHT	GUIDE, UNABLE TO READ FROM VIDEO
1.130	1.130	SIGN	LEFT	GUIDE, UNABLE TO READ FROM VIDEO
1.136	1.136	SIGN	RIGHT	GUIDE, UNABLE TO READ FROM VIDEO
1.151	1.151	SIGN	LEFT	GUIDE, UNABLE TO READ FROM VIDEO
1.180	1.180	SIGN	RIGHT	REGULATORY, SPEED LIMIT 25
1.181	1.181	SIGN	RIGHT	REGULATORY, SPEED LIMIT 25
1.201	1.201	SIGN	LEFT	REGULATORY, AREA CLOSED KEEP-OUT

GUIS: ROUTE MAINTENANCE FEATURES ROAD LOG

ROUTE 0013: JOHNSON BEACH ROAD

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
1.242	1.242	SIGN	LEFT	REGULATORY, SHOREBIRD NESTING AREA KEEP OUT BIRD NESTING AREAS ARE PROTECTED BY STATE AND FEDERAL LAW
1.261	1.261	SIGN	RIGHT	GUIDE, UNABLE TO READ FROM VIDEO
1.282	1.282	SIGN	LEFT	REGULATORY, SHOREBIRD NESTING AREA KEEP OUT BIRD NESTING AREAS ARE PROTECTED BY STATE AND FEDERAL LAW
1.309	1.309	SIGN	RIGHT	GUIDE, UNABLE TO READ FROM VIDEO
1.321	1.321	SIGN	LEFT	REGULATORY, SHOREBIRD NESTING AREA KEEP OUT BIRD NESTING AREAS ARE PROTECTED BY STATE AND FEDERAL LAW
1.325	1.325	SIGN	RIGHT	GUIDE, UNABLE TO READ FROM VIDEO
1.359	1.359	SIGN	LEFT	REGULATORY, SHOREBIRD NESTING AREA KEEP OUT BIRD NESTING AREAS ARE PROTECTED BY STATE AND FEDERAL LAW
1.383	1.383	SIGN	LEFT	REGULATORY, SHOREBIRD NESTING AREA KEEP OUT BIRD NESTING AREAS ARE PROTECTED BY STATE AND FEDERAL LAW
1.408	1.408	SIGN	LEFT	REGULATORY, AREA CLOSED KEEP-OUT
1.419	1.419	SIGN	RIGHT	GUIDE, UNABLE TO READ FROM VIDEO
1.462	1.462	SIGN	RIGHT	GUIDE, UNABLE TO READ FROM VIDEO
1.493	1.493	SIGN	RIGHT	GUIDE, UNABLE TO READ FROM VIDEO
1.499	1.499	SIGN	LEFT	GUIDE, UNABLE TO READ FROM VIDEO
1.517	1.517	SIGN	RIGHT	GUIDE, UNABLE TO READ FROM VIDEO
1.579	1.579	SIGN	RIGHT	GUIDE, UNABLE TO READ FROM VIDEO
1.619	1.619	SIGN	LEFT	GUIDE, UNABLE TO READ FROM VIDEO
1.622	1.622	SIGN	RIGHT	REGULATORY, SPEED LIMIT 25
1.641	1.641	SIGN	RIGHT	GUIDE, UNABLE TO READ FROM VIDEO
1.642	1.642	SIGN	LEFT	REGULATORY, UNABLE TO READ FROM VIDEO
1.671	1.671	SIGN	RIGHT	GUIDE, UNABLE TO READ FROM VIDEO
1.688	1.688	SIGN	RIGHT	GUIDE, UNABLE TO READ FROM VIDEO
1.748	1.748	SIGN	RIGHT	GUIDE, UNABLE TO READ FROM VIDEO
1.799	1.799	SIGN	LEFT	GUIDE, UNABLE TO READ FROM VIDEO
1.805	1.805	SIGN	RIGHT	GUIDE, UNABLE TO READ FROM VIDEO
1.859	1.859	SIGN	RIGHT	GUIDE, UNABLE TO READ FROM VIDEO
1.891	1.891	SIGN	RIGHT	GUIDE, UNABLE TO READ FROM VIDEO
1.900	1.900	SIGN	RIGHT	GUIDE, UNABLE TO READ FROM VIDEO
1.933	1.933	SIGN	RIGHT	GUIDE, UNABLE TO READ FROM VIDEO

GUIS: ROUTE MAINTENANCE FEATURES ROAD LOG

ROUTE 0013: JOHNSON BEACH ROAD

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
1.954	1.954	SIGN	LEFT	REGULATORY, NO PARKING
1.954	1.954	SIGN	RIGHT	REGULATORY, NO ROADSIDE PARKING PAST THIS POINT
1.954	1.954	SIGN	LEFT	REGULATORY, NO ROADSIDE PARKING PAST THIS POINT
1.954	1.954	SIGN	RIGHT	REGULATORY, NO PARKING
1.999	1.999	SIGN	RIGHT	GUIDE, UNABLE TO READ FROM VIDEO
2.026	2.026	SIGN	RIGHT	REGULATORY, NO PARKING
2.026	2.026	SIGN	RIGHT	REGULATORY, NO PARKING
2.057	2.057	SIGN	LEFT	REGULATORY, UNABLE TO READ FROM VIDEO
2.071	2.071	SIGN	LEFT	REGULATORY, UNABLE TO READ FROM VIDEO
2.078	2.078	SIGN	RIGHT	GUIDE, UNABLE TO READ FROM VIDEO
2.093	2.093	SIGN	RIGHT	REGULATORY, UNABLE TO READ FROM VIDEO
2.118	2.118	SIGN	RIGHT	REGULATORY, NO PARKING
2.118	2.118	SIGN	RIGHT	REGULATORY, NO PARKING
2.168	2.168	SIGN	RIGHT	GUIDE, UNABLE TO READ FROM VIDEO
2.222	2.222	SIGN	RIGHT	REGULATORY, NO PARKING
2.223	2.223	SIGN	RIGHT	REGULATORY, NO PARKING
2.295	2.295	SIGN	LEFT	GUIDE, UNABLE TO READ FROM VIDEO
2.307	2.307	SIGN	RIGHT	GUIDE, UNABLE TO READ FROM VIDEO
2.317	2.317	SIGN	RIGHT	REGULATORY, NO PARKING
2.318	2.318	SIGN	RIGHT	REGULATORY, NO PARKING
2.372	2.372	SIGN	RIGHT	REGULATORY, SPEED LIMIT 25
2.378	2.378	SIGN	RIGHT	GUIDE, UNABLE TO READ FROM VIDEO
2.403	2.403	SIGN	RIGHT	REGULATORY, NO PARKING
2.403	2.403	SIGN	RIGHT	REGULATORY, NO PARKING
2.420	2.420	INTERSECTION	LEFT	ROUTE 0013 (JOHNSON BEACH ROAD)
2.420	2.480	ONE-WAY	N/A	
2.431	2.431	SIGN	LEFT	REGULATORY, NO PARKING LOADING ZONE
2.431	2.431	SIGN	RIGHT	REGULATORY, NO PARKING ANY TIME
2.442	2.442	SIGN	LEFT	REGULATORY, LOADING ZONE
2.442	2.442	SIGN	LEFT	REGULATORY, NO PARKING LOADING ZONE
2.447	2.447	SIGN	RIGHT	REGULATORY, NO PARKING ANY TIME
2.452	2.452	SIGN	LEFT	REGULATORY, NO PARKING ANY TIME
2.461	2.461	SIGN	RIGHT	REGULATORY, DO NOT ENTER
2.467	2.467	SIGN	RIGHT	REGULATORY, NO PARKING

GUIS: ROUTE MAINTENANCE FEATURES ROAD LOG

ROUTE 0013: JOHNSON BEACH ROAD

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
2.471	2.471	SIGN	RIGHT	GUIDE, UNABLE TO READ FROM VIDEO
2.472	2.472	SIGN	RIGHT	GUIDE, UNABLE TO READ FROM VIDEO
2.480	2.480	INTERSECTION	N/A	ROUTE 0013 (JOHNSON BEACH ROAD)
2.480	2.480	INTERSECTION	LEFT	ROUTE 0013 (JOHNSON BEACH ROAD)
2.480	2.480	ROUTE END	N/A	TO END OF LOOP

GUIS: ROUTE MAINTENANCE FEATURES ROAD LOG

ROUTE 0015: PARK ROAD

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.000	0.000	ROUTE BEGIN	N/A	FROM STATE ROUTE 90 (BIENVILLE BOULEVARD)
0.000	0.000	INTERSECTION	LEFT	PAVED ROUTE (HIGHWAY 90 / BIENVILLE BLVD / NON NPS)
0.000	0.000	INTERSECTION	RIGHT	PAVED ROUTE (HIGHWAY 90 / BIENVILLE BLVD / NON NPS)
0.000	0.000	PARK BOUNDARY	N/A	
0.005	0.005	SIGN	LEFT	GUIDE, UNABLE TO READ FROM VIDEO
0.006	0.006	SIGN	RIGHT	REGULATORY, STOP
0.017	0.017	SIGN	LEFT	REGULATORY, DO NOT ENTER
0.017	0.034	PULLOUT	RIGHT	
0.031	0.031	SIGN	RIGHT	GUIDE, DAVIS BAYOU
0.031	0.031	SIGN	RIGHT	GUIDE, GULF ISLANDS NATIONAL SEASHORE UNITED STATES DEPARTMENT OF THE INTERIOR NATIONAL PARK SERVICE
0.058	0.058	SIGN	RIGHT	GUIDE, VISITOR CENTER 2 MILES
0.090	0.342	GUARD/GUIDE RAIL	RIGHT	
0.103	0.103	SIGN	LEFT	REGULATORY, ONE WAY
0.107	0.342	GUARD/GUIDE RAIL	LEFT	
0.163	0.163	DROP INLET	RIGHT	
0.163	0.163	DROP INLET	LEFT	
0.169	0.209	BRIDGE	N/A	5320-001 (PABST ROAD BRIDGE)
0.216	0.216	DROP INLET	LEFT	
0.216	0.216	DROP INLET	RIGHT	
0.232	0.232	SIGN	RIGHT	REGULATORY, SPEED LIMIT 35
0.275	0.275	SIGN	RIGHT	WARNING, WILDLIFE XING
0.275	0.275	SIGN	RIGHT	WARNING, GRAPHIC SIGN, NO TEXT
0.342	0.342	SIGN	RIGHT	REGULATORY, REDUCED SPEED AHEAD
0.434	0.434	SIGN	RIGHT	WARNING, SHARE THE ROAD
0.659	0.702	GUARD/GUIDE RAIL	LEFT	
0.659	0.702	GUARD/GUIDE RAIL	RIGHT	
0.692	0.692	CULVERT	N/A	
0.771	1.049	GUARD/GUIDE RAIL	LEFT	
0.783	1.050	GUARD/GUIDE RAIL	RIGHT	
0.860	0.860	SIGN	RIGHT	WARNING, WILDLIFE XING
0.902	0.902	DROP INLET	LEFT	
0.902	0.902	DROP INLET	RIGHT	
0.908	0.934	BRIDGE	N/A	5320-002 (OLD U.S. ROUTE 90 BRIDGE)

GUIS: ROUTE MAINTENANCE FEATURES ROAD LOG

ROUTE 0015: PARK ROAD

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.938	0.938	DROP INLET	LEFT	
0.938	0.938	DROP INLET	RIGHT	
1.054	1.054	SIGN	RIGHT	REGULATORY, SPEED LIMIT 35
1.062	1.062	SIGN	LEFT	GUIDE, PARK RD
1.062	1.062	SIGN	LEFT	GUIDE, VFW RD
1.064	1.064	SIGN	RIGHT	GUIDE, VFW RD
1.071	1.071	INTERSECTION	LEFT	ROUTE 0405 (VFW ROAD)
1.093	1.093	SIGN	RIGHT	GUIDE, PARK CLOSED 10 PM EXCEPT TO REGISTERED CAMPERS
1.150	1.150	CULVERT	N/A	
1.150	1.150	SIGN	RIGHT	WARNING, SHARE THE ROAD
1.228	1.228	SIGN	RIGHT	REGULATORY, SPEED LIMIT 35
1.272	1.272	SIGN	RIGHT	WARNING, SHARE THE ROAD
1.285	1.285	INTERSECTION	LEFT	ROUTE 0409 (CEDAR POINT CAMPUS ROAD)
1.321	1.321	FIRE HYDRANT	RIGHT	
1.385	1.385	SIGN	LEFT	GUIDE, GOLLOTT RD
1.386	1.386	SIGN	RIGHT	GUIDE, GOLLOTT RD
1.387	1.387	SIGN	LEFT	WARNING, UNABLE TO READ FROM VIDEO
1.389	1.389	INTERSECTION	LEFT	ROUTE 0017 (GOLLOTT ROAD)
1.391	1.391	SIGN	RIGHT	GUIDE, CEDAR POINT SITE FOR THE UNIVERSITY OF SOUTHERN MISSISSIPPI
1.392	1.392	SIGN	LEFT	GUIDE, CEDAR POINT SITE
1.402	1.402	CULVERT	N/A	
1.493	1.493	SIGN	RIGHT	WARNING, GRAPHIC SIGN, NO TEXT
1.493	1.493	SIGN	RIGHT	WARNING, WILDLIFE XING
1.513	1.513	CULVERT	N/A	
1.558	1.558	CULVERT	N/A	
1.608	1.608	INTERSECTION	LEFT	PAVED ROUTE (QUAVE ROAD / NON NPS)
1.612	1.612	SIGN	LEFT	GUIDE, PARK RD
1.612	1.612	SIGN	LEFT	GUIDE, QUAVE RD
1.612	1.612	SIGN	RIGHT	GUIDE, QUAVE RD
1.632	1.632	SIGN	RIGHT	REGULATORY, SPEED LIMIT 35
1.654	1.654	SIGN	RIGHT	GUIDE, GRAPHIC SIGN, NO TEXT
1.664	1.664	SIGN	RIGHT	GUIDE, HIGHWAY 90
1.675	1.675	INTERSECTION	RIGHT	ROUTE 0016 (HANLEY ROAD)

GUIS: ROUTE MAINTENANCE FEATURES ROAD LOG

ROUTE 0015: PARK ROAD

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
1.704	1.704	SIGN	RIGHT	GUIDE, GRAPHIC SIGN, NO TEXT
1.716	1.716	SIGN	RIGHT	REGULATORY, SPEED LIMIT 25
1.734	1.734	SIGN	RIGHT	GUIDE, COC OVERLOOK PEDESTRIAN USE ONLY 2 MILE
1.763	1.763	CULVERT	N/A	
1.830	1.830	SIGN	RIGHT	GUIDE, GRAPHIC SIGN, NO TEXT
1.830	1.830	SIGN	RIGHT	GUIDE, PEDESTRIAN USE ONLY
1.830	1.886	GUARD/GUIDE RAIL	RIGHT	
1.847	1.847	CULVERT	N/A	
1.886	1.886	SIGN	LEFT	GUIDE, UNABLE TO READ FROM VIDEO
1.952	1.952	SIGN	RIGHT	GUIDE, VISITOR CENTER
1.952	1.952	SIGN	RIGHT	GUIDE, PICNIC AREA
1.954	1.954	SIGN	RIGHT	REGULATORY, SPEED LIMIT 25
2.021	2.021	SIGN	LEFT	GUIDE, UNABLE TO READ FROM VIDEO
2.021	2.021	SIGN	RIGHT	GUIDE, EAGLE POINT RD
2.024	2.024	INTERSECTION	LEFT	ROUTE 0102 (EAGLE POINT ROAD)
2.039	2.039	SIGN	RIGHT	GUIDE, OPEN 8 A.M. TO SUNSET
2.040	2.040	GATE	N/A	HORIZONTAL AND VERTICAL BARS
2.040	2.040	SIGN	N/A	REGULATORY, STOP
2.040	2.040	SIGN	N/A	REGULATORY, STOP
2.065	2.065	SIGN	RIGHT	REGULATORY, SPEED LIMIT 15
2.116	2.116	DROP INLET	RIGHT	
2.133	2.133	INTERSECTION	LEFT	ROUTE 0406 (DAVIS BAYOU GOVERNMENT BOAT LAUNCH ROAD)
2.145	2.145	INTERSECTION	LEFT	ROUTE 0904 (DAVIS BAYOU VISITOR CENTER PARKING)
2.147	2.147	SIGN	LEFT	REGULATORY, DO NOT ENTER
2.157	2.157	INTERSECTION	LEFT	ROUTE 0904 (DAVIS BAYOU VISITOR CENTER PARKING)
2.170	2.170	SIGN	RIGHT	REGULATORY, STOP
2.170	2.170	INTERSECTION	N/A	ROUTE 0904 (DAVIS BAYOU VISITOR CENTER PARKING)
2.170	2.170	ROUTE END	N/A	TO ROUTE 0904 (DAVIS BAYOU VISITOR CENTER PARKING)

GUIS: ROUTE MAINTENANCE FEATURES ROAD LOG

ROUTE 0016: HANLEY ROAD

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.000	0.000	ROUTE BEGIN	N/A	FROM ROUTE 0015 (PARK ROAD) AT MP 1.68
0.000	0.000	INTERSECTION	LEFT	ROUTE 0015 (PARK ROAD)
0.000	0.000	INTERSECTION	RIGHT	ROUTE 0015 (PARK ROAD)
0.000	0.000	SIGN	N/A	GUIDE, HIGHWAY 90 VISITOR CENTER FISHING PIER
0.009	0.009	SIGN	RIGHT	REGULATORY, STOP
0.010	0.010	GATE	N/A	HORIZONTAL AND VERTICAL BARS
0.010	0.010	SIGN	N/A	REGULATORY, STOP
0.020	0.020	CULVERT	N/A	
0.040	0.040	SIGN	RIGHT	REGULATORY, SPEED LIMIT 25
0.081	0.081	SIGN	RIGHT	WARNING, SHARE THE ROAD
0.098	0.098	SIGN	LEFT	GUIDE, VISITOR CENTER
0.127	0.127	INTERSECTION	RIGHT	ROUTE 0903 (DAVIS BAYOU MAINTENANCE PARKING)
0.216	0.216	SIGN	RIGHT	REGULATORY, SPEED LIMIT 15
0.216	0.216	SIGN	RIGHT	WARNING, CONGESTED AREA
0.239	0.256	GUARD/GUIDE WALL	LEFT	
0.243	0.269	GUARD/GUIDE WALL	RIGHT	
0.251	0.251	SIGN	LEFT	GUIDE, GRAPHIC SIGN, NO TEXT
0.251	0.251	SIGN	LEFT	GUIDE, NATURE'S WAY TRAIL LOOP TRAIL LENGTH 1/2 MILE
0.257	0.378	GUARD/GUIDE RAIL	LEFT	
0.268	0.268	CULVERT	N/A	
0.271	0.277	GUARD/GUIDE WALL	RIGHT	
0.326	0.326	CULVERT	N/A	
0.347	0.347	CULVERT	N/A	
0.368	0.368	CULVERT	N/A	
0.379	0.379	SIGN	RIGHT	WARNING, GRAPHIC SIGN, NO TEXT
0.379	0.379	SIGN	LEFT	WARNING, GRAPHIC SIGN, NO TEXT
0.380	0.380	SIGN	RIGHT	GUIDE, GRAPHIC SIGN, NO TEXT
0.380	0.380	SIGN	RIGHT	GUIDE, PEDESTRIAN USE ONLY
0.380	0.390	BRIDGE	N/A	5320-003 (HANLEY CULVERT BRIDGE)
0.380	0.390	GUARD/GUIDE RAIL	LEFT	
0.380	0.390	GUARD/GUIDE RAIL	RIGHT	
0.390	0.390	SIGN	LEFT	WARNING, GRAPHIC SIGN, NO TEXT
0.390	0.390	SIGN	RIGHT	WARNING, GRAPHIC SIGN, NO TEXT
0.441	0.441	SIGN	RIGHT	REGULATORY, SPEED LIMIT 15

GUIS: ROUTE MAINTENANCE FEATURES ROAD LOG

ROUTE 0016: HANLEY ROAD

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.441	0.441	SIGN	RIGHT	WARNING, CONGESTED AREA
0.443	0.443	INTERSECTION	RIGHT	ROUTE 0953 (DB RAMP RESTROOM/PICNIC SHELTER #5 PARKING)
0.450	0.450	INTERSECTION	RIGHT	ROUTE 0953 (DB RAMP RESTROOM/PICNIC SHELTER #5 PARKING)
0.454	0.454	SIGN	RIGHT	GUIDE, UNABLE TO READ FROM VIDEO
0.456	0.456	SIGN	LEFT	GUIDE, HANLEY RD
0.456	0.456	SIGN	RIGHT	GUIDE, BOAT LAUNCH RD
0.456	0.456	SIGN	LEFT	GUIDE, BOAT LAUNCH RD
0.459	0.459	SIGN	RIGHT	GUIDE, BOAT RAMP
0.459	0.459	INTERSECTION	LEFT	ROUTE 0103 (BOAT LAUNCH ROAD)
0.475	0.475	SIGN	RIGHT	GUIDE, GRAPHIC SIGN, NO TEXT
0.475	0.475	SIGN	RIGHT	GUIDE, VISITOR CENTER BOAT DOCK
0.484	0.484	CULVERT	N/A	
0.490	0.490	INTERSECTION	RIGHT	ROUTE 0936 (DAVIS BAYOU PRIMITIVE CAMPGROUND PARKING)
0.500	0.500	INTERSECTION	LEFT	ROUTE 0943 (DB HANLEY ROAD CIRCLE PICNIC AREA PARKING)
0.514	0.514	INTERSECTION	LEFT	ROUTE 0942 (DB NATURE'S WAY TRAIL ROADSIDE PARKING)
0.534	0.534	INTERSECTION	RIGHT	ROUTE 0944 (DB PICNIC AREA PARKING)
0.534	0.534	INTERSECTION	LEFT	ROUTE 0943 (DB HANLEY ROAD CIRCLE PICNIC AREA PARKING)
0.561	0.561	CULVERT	N/A	
0.575	0.581	GUARD/GUIDE RAIL	LEFT	
0.579	0.579	SIGN	RIGHT	REGULATORY, 3-WAY
0.579	0.579	SIGN	RIGHT	REGULATORY, STOP
0.583	0.583	INTERSECTION	LEFT	ROUTE 0206AZ (DAVIS BAYOU CAMPGROUND LOOP A)
0.586	0.586	SIGN	RIGHT	REGULATORY, 3-WAY
0.586	0.586	SIGN	RIGHT	REGULATORY, STOP
0.586	0.593	GUARD/GUIDE RAIL	LEFT	
0.606	0.606	CULVERT	N/A	
0.607	0.607	SIGN	RIGHT	GUIDE, VISITOR CENTER BOAT DOCK CAMPGROUND
0.632	0.632	SIGN	RIGHT	GUIDE, GRAPHIC SIGN, NO TEXT
0.634	0.634	SIGN	RIGHT	WARNING, SHARE THE ROAD
0.656	0.656	INTERSECTION	RIGHT	ROUTE 0949 (DB PICNIC SHELTER #4 PARKING)
0.685	0.685	INTERSECTION	RIGHT	ROUTE 0948 (DB PICNIC SHELTER #3 PARKING)

GUIS: ROUTE MAINTENANCE FEATURES ROAD LOG

ROUTE 0016: HANLEY ROAD

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.697	0.697	INTERSECTION	LEFT	UNPAVED PARKING
0.710	0.710	INTERSECTION	RIGHT	ROUTE 0947 (DB PICNIC SHELTER #2 PARKING)
0.726	0.726	INTERSECTION	RIGHT	ROUTE 0946 (DB PICNIC SHELTER #1 PARKING)
0.736	0.736	INTERSECTION	LEFT	ROUTE 0016 (HANLEY ROAD)
0.736	0.820	ONE-WAY	N/A	
0.743	0.748	GUARD/GUIDE WALL	RIGHT	
0.746	0.746	SIGN	LEFT	REGULATORY, KEEP RIGHT
0.790	0.790	INTERSECTION	RIGHT	PAVED ROUTE (HANLEY ROAD)
0.820	0.820	INTERSECTION	N/A	ROUTE 0016 (HANLEY ROAD)
0.820	0.820	INTERSECTION	LEFT	ROUTE 0016 (HANLEY ROAD)
0.820	0.820	ROUTE END	N/A	TO END OF LOOP

GUIS: ROUTE MAINTENANCE FEATURES ROAD LOG

ROUTE 0017: GOLLOTT ROAD

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.000	0.000	ROUTE BEGIN	N/A	FROM ROUTE 0015 (PARK ROAD) AT MP 1.39
0.000	0.000	INTERSECTION	RIGHT	ROUTE 0015 (PARK ROAD)
0.000	0.000	INTERSECTION	LEFT	ROUTE 0015 (PARK ROAD)
0.006	0.006	SIGN	RIGHT	REGULATORY, STOP
0.012	0.012	SIGN	RIGHT	REGULATORY, SPEED LIMIT 25
0.012	0.012	SIGN	RIGHT	WARNING, DEAD END
0.156	0.156	SIGN	RIGHT	REGULATORY, UNABLE TO READ FROM VIDEO
0.159	0.159	SIGN	RIGHT	GUIDE, GOLLOTT RD
0.165	0.165	SIGN	RIGHT	GUIDE, UNABLE TO READ FROM VIDEO
0.178	0.202	PULLOUT	RIGHT	
0.196	0.196	INTERSECTION	LEFT	PAVED ROUTE (CEDAR POINT SITE SOUTHERN MS / NON NPS)
0.216	0.216	SIGN	RIGHT	GUIDE, UNABLE TO READ FROM VIDEO
0.216	0.216	FIRE HYDRANT	RIGHT	
0.216	0.216	SIGN	LEFT	GUIDE, GOLLOTT RD
0.216	0.216	SIGN	RIGHT	GUIDE, GOLLOTT ESTATES HEIGHTS RD
0.216	0.216	SIGN	RIGHT	GUIDE, GOLLOTT RD
0.219	0.219	INTERSECTION	RIGHT	PAVED ROUTE (GOLLOTT ESTAGES HEIGHTS ROAD / NON NPS)
0.290	0.290	CULVERT	N/A	
0.397	0.397	FIRE HYDRANT	LEFT	
0.415	0.415	INTERSECTION	RIGHT	UNPAVED ROUTE (HOLLY DRIVE / NON NPS)
0.480	0.480	SIGN	RIGHT	REGULATORY, NO DUMPING
0.494	0.494	SIGN	LEFT	WARNING, GRAPHIC SIGN, NO TEXT
0.494	0.494	SIGN	RIGHT	WARNING, GRAPHIC SIGN, NO TEXT
0.495	0.495	CULVERT	N/A	
0.498	0.498	SIGN	RIGHT	WARNING, GRAPHIC SIGN, NO TEXT
0.535	0.535	INTERSECTION	RIGHT	UNPAVED ROUTE (LES ABRES LANE / NON NPS)
0.600	0.600	FIRE HYDRANT	LEFT	
0.600	0.600	INTERSECTION	N/A	UNPAVED ROUTE (GOLLOTT ROAD / NON NPS)
0.600	0.600	PARK BOUNDARY	N/A	
0.600	0.600	ROUTE END	N/A	TO PARK BOUNDRY

GUIS: ROUTE MAINTENANCE FEATURES ROAD LOG

ROUTE 0100: LANGDON BEACH ACCESS ROAD

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.000	0.000	ROUTE BEGIN	N/A	FROM ROUTE 0012 (FORT PICKENS ROAD) AT MP 5.01
0.000	0.000	INTERSECTION	LEFT	ROUTE 0012 (FORT PICKENS ROAD)
0.000	0.000	INTERSECTION	RIGHT	ROUTE 0012 (FORT PICKENS ROAD)
0.008	0.008	SIGN	RIGHT	REGULATORY, STOP
0.143	0.143	INTERSECTION	RIGHT	ROUTE 0918AZ (LANGDON BEACH PARKING A)
0.143	0.143	INTERSECTION	LEFT	ROUTE 0918BZ (LANGDON BEACH PARKING B)
0.326	0.326	SIGN	RIGHT	REGULATORY, STOP
0.330	0.330	INTERSECTION	LEFT	ROUTE 0012 (FORT PICKENS ROAD)
0.330	0.330	INTERSECTION	RIGHT	ROUTE 0012 (FORT PICKENS ROAD)
0.330	0.330	ROUTE END	N/A	TO ROUTE 0012 (FORT PICKENS ROAD) AT MP 4.76 (WEST TO EAST)

GUIS: ROUTE MAINTENANCE FEATURES ROAD LOG

ROUTE 0102: EAGLE POINT ROAD

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.000	0.000	ROUTE BEGIN	N/A	FROM ROUTE 0015 (PARK ROAD) AT MP 2.02
0.000	0.000	INTERSECTION	RIGHT	ROUTE 0015 (PARK ROAD)
0.000	0.000	INTERSECTION	LEFT	ROUTE 0015 (PARK ROAD)
0.005	0.005	SIGN	RIGHT	REGULATORY, STOP
0.007	0.007	SIGN	RIGHT	GUIDE, DEAD END NO TURNAROUND
0.078	0.078	CULVERT	N/A	
0.138	0.138	FIRE HYDRANT	LEFT	
0.167	0.167	CULVERT	N/A	
0.210	0.210	PARK BOUNDARY	N/A	
0.210	0.210	INTERSECTION	N/A	PAVED ROUTE (EAGLE POINT ROAD / NON NPS)
0.210	0.210	ROUTE END	N/A	TO SOUTH PARK BOUNDARY

GUIS: ROUTE MAINTENANCE FEATURES ROAD LOG

ROUTE 0103: BOAT LAUNCH ROAD

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.000	0.000	ROUTE BEGIN	N/A	FROM ROUTE 0016 (HANLEY ROAD) AT MP 0.46
0.000	0.000	INTERSECTION	RIGHT	ROUTE 0016 (HANLEY ROAD)
0.000	0.000	SIGN	N/A	GUIDE, GRAPHIC SIGN, NO TEXT
0.000	0.000	INTERSECTION	LEFT	ROUTE 0016 (HANLEY ROAD)
0.004	0.004	SIGN	RIGHT	GUIDE, HANLEY RD
0.004	0.004	SIGN	RIGHT	REGULATORY, STOP
0.024	0.024	SIGN	RIGHT	REGULATORY, SPEED LIMIT 15
0.063	0.063	SIGN	RIGHT	WARNING, SHARE THE ROAD
0.095	0.095	SIGN	RIGHT	GUIDE, ORGANIZED GROUP TENTING
0.098	0.098	SIGN	RIGHT	GUIDE, GRAPHIC SIGN, NO TEXT
0.104	0.104	INTERSECTION	RIGHT	UNPAVED PARKING
0.140	0.140	INTERSECTION	LEFT	ROUTE 0103 (BOAT LAUNCH ROAD)
0.140	0.190	ONE-WAY	N/A	
0.159	0.159	INTERSECTION	RIGHT	ROUTE 0902 (DAVIS BAYOU BOAT DOCK PARKING)
0.165	0.165	INTERSECTION	RIGHT	UNPAVED PARKING
0.174	0.174	DROP INLET	LEFT	
0.190	0.190	INTERSECTION	LEFT	ROUTE 0103 (BOAT LAUNCH ROAD)
0.190	0.190	INTERSECTION	N/A	ROUTE 0103 (BOAT LAUNCH ROAD)
0.190	0.190	ROUTE END	N/A	TO END OF LOOP

GUIS: ROUTE MAINTENANCE FEATURES ROAD LOG

ROUTE 0200: NATURE TRAIL ACCESS ROAD

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.000	0.000	ROUTE BEGIN	N/A	FROM ROUTE 0013 (JOHNSON BEACH ROAD)
0.000	0.000	INTERSECTION	LEFT	ROUTE 0013 (JOHNSON BEACH ROAD)
0.000	0.000	INTERSECTION	RIGHT	ROUTE 0013 (JOHNSON BEACH ROAD)
0.004	0.076	CURB	LEFT	
0.007	0.007	SIGN	RIGHT	REGULATORY, STOP
0.018	0.018	SIGN	LEFT	GUIDE, GRAPHIC SIGN, NO TEXT
0.024	0.113	CURB	RIGHT	
0.083	0.093	CURB	LEFT	
0.150	0.150	INTERSECTION	N/A	ROUTE 0935 (NATURE TRAIL PARKING)
0.150	0.150	ROUTE END	N/A	TO ROUTE 0935 (NATURE TRAIL PARKING)

GUIS: ROUTE MAINTENANCE FEATURES ROAD LOG

ROUTE 0206AZ: DAVIS BAYOU CAMPGROUND LOOP A

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.000	0.000	ROUTE BEGIN	N/A	FROM ROUTE 0016 (HANLEY ROAD) AT MP 0.58
0.000	0.000	INTERSECTION	LEFT	ROUTE 0016 (HANLEY ROAD)
0.000	0.000	INTERSECTION	RIGHT	ROUTE 0016 (HANLEY ROAD)
0.000	0.310	ONE-WAY	N/A	
0.007	0.007	INTERSECTION	LEFT	ROUTE 0206AZ (DAVIS BAYOU CAMPGROUND LOOP A)
0.017	0.017	FIRE HYDRANT	LEFT	
0.021	0.021	SIGN	LEFT	REGULATORY, ONE WAY
0.024	0.037	PULLOUT	LEFT	
0.025	0.025	SIGN	RIGHT	REGULATORY, SPEED LIMIT 10
0.049	0.049	SIGN	LEFT	GUIDE, UNABLE TO READ FROM VIDEO
0.086	0.086	INTERSECTION	RIGHT	ROUTE 0206BZ (DAVIS BAYOU CAMPGROUND LOOP B)
0.100	0.100	CULVERT	N/A	
0.164	0.164	DROP INLET	LEFT	
0.176	0.176	DROP INLET	LEFT	
0.274	0.274	DROP INLET	LEFT	
0.303	0.303	INTERSECTION	LEFT	ROUTE 0206AZ (DAVIS BAYOU CAMPGROUND LOOP A)
0.304	0.304	SIGN	RIGHT	GUIDE, PLEASE PUT YOUR REFUSE IN DUMPSTER
0.309	0.309	SIGN	RIGHT	REGULATORY, 3-WAY
0.309	0.309	SIGN	RIGHT	REGULATORY, STOP
0.310	0.310	SIGN	N/A	GUIDE, HIGHWAY
0.310	0.310	INTERSECTION	LEFT	ROUTE 0016 (HANLEY ROAD)
0.310	0.310	INTERSECTION	RIGHT	ROUTE 0016 (HANLEY ROAD)
0.310	0.310	ROUTE END	N/A	TO END OF LOOP

GUIS: ROUTE MAINTENANCE FEATURES ROAD LOG

ROUTE 0206BZ: DAVIS BAYOU CAMPGROUND LOOP B

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.000	0.000	ROUTE BEGIN	N/A	FROM ROUTE 0206ZZ (DAVIS BAYOU CAMPGROUND LOOPS)
0.000	0.000	INTERSECTION	LEFT	ROUTE 0206AZ (DAVIS BAYOU CAMPGROUND LOOP A)
0.000	0.000	INTERSECTION	RIGHT	ROUTE 0206AZ (DAVIS BAYOU CAMPGROUND LOOP A)
0.070	0.070	INTERSECTION	LEFT	ROUTE 0206BZ (DAVIS BAYOU CAMPGROUND LOOP B)
0.070	0.120	ONE-WAY	N/A	
0.120	0.120	INTERSECTION	LEFT	ROUTE 0206BZ (DAVIS BAYOU CAMPGROUND LOOP B)
0.120	0.120	INTERSECTION	N/A	ROUTE 0206BZ (DAVIS BAYOU CAMPGROUND LOOP B)
0.120	0.120	ROUTE END	N/A	TO END OF LOOP

GUIS: ROUTE MAINTENANCE FEATURES ROAD LOG

ROUTE 0207: HEADQUARTERS AND VISITOR CENTER ACCESS ROAD

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.000	0.000	ROUTE BEGIN	N/A	FROM ROUTE 5000 (US ROUTE 98) AT MP 1.34
0.000	0.000	INTERSECTION	RIGHT	ROUTE 5000 (US ROUTE 98)
0.000	0.000	INTERSECTION	LEFT	ROUTE 5000 (US ROUTE 98)
0.008	0.008	SIGN	RIGHT	REGULATORY, STOP
0.019	0.019	GATE	N/A	
0.029	0.029	SIGN	RIGHT	GUIDE, OPEN 8:00 A.M. TO SUNSET
0.036	0.036	SIGN	RIGHT	REGULATORY, SPEED LIMIT 15
0.039	0.039	SIGN	RIGHT	GUIDE, GREAT FLORIDA BIRDING TRAIL
0.043	0.043	INTERSECTION	LEFT	ROUTE 0925AZ (HEADQUARTERS & VISITORS CENTER PARKING A)
0.047	0.047	INTERSECTION	RIGHT	ROUTE 0935 (NATURE TRAIL PARKING)
0.049	0.086	CURB	RIGHT	
0.049	0.049	FIRE HYDRANT	RIGHT	
0.076	0.076	INTERSECTION	LEFT	ROUTE 0925CZ (HEADQUARTERS & VISITORS CENTER PARKING C)
0.084	0.084	FIRE HYDRANT	RIGHT	
0.092	0.092	INTERSECTION	LEFT	ROUTE 0925DZ (HEADQUARTERS & VISITORS CENTER PARKING D)
0.092	0.092	INTERSECTION	RIGHT	ROUTE 0925EZ (HEADQUARTERS & VISITORS CENTER PARKING E)
0.106	0.106	INTERSECTION	RIGHT	ROUTE 0925FZ (HEADQUARTERS & VISITORS CENTER PARKING F)
0.108	0.108	INTERSECTION	LEFT	ROUTE 0925GZ (HEADQUARTERS & VISITORS CENTER PARKING G)
0.114	0.114	INTERSECTION	RIGHT	ROUTE 0925HZ (HEADQUARTERS & VISITORS CENTER PARKING H)
0.132	0.132	INTERSECTION	RIGHT	ROUTE 0925IZ (HEADQUARTERS & VISITORS CENTER PARKING I)
0.158	0.158	INTERSECTION	LEFT	ROUTE 0925AZ (HEADQUARTERS & VISITORS CENTER PARKING A)
0.158	0.158	SIGN	RIGHT	GUIDE, RV AND BUS PARKING
0.170	0.170	INTERSECTION	RIGHT	ROUTE 0925JZ (HEADQUARTERS & VISITORS CENTER PARKING J)
0.184	0.184	INTERSECTION	RIGHT	ROUTE 0925KZ (HEADQUARTERS & VISITORS CENTER PARKING K)
0.195	0.195	INTERSECTION	LEFT	ROUTE 0925AZ (HEADQUARTERS & VISITORS CENTER PARKING A)
0.196	0.196	INTERSECTION	RIGHT	ROUTE 0925LZ (HEADQUARTERS & VISITORS CENTER PARKING L)

GUIS: ROUTE MAINTENANCE FEATURES ROAD LOG

ROUTE 0207: HEADQUARTERS AND VISITOR CENTER ACCESS ROAD

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.236	0.236	SIGN	LEFT	REGULATORY, NO PARKING
0.247	0.247	INTERSECTION	RIGHT	ROUTE 0925MZ (HEADQUARTERS & VISITORS CENTER PARKING M)
0.259	0.259	SIGN	LEFT	REGULATORY, ONE WAY
0.260	0.440	ONE-WAY	N/A	
0.294	0.294	SIGN	RIGHT	REGULATORY, NO PARKING NO PARKING OR STANDING ANYTIME
0.321	0.321	SIGN	RIGHT	REGULATORY, ONE WAY
0.424	0.424	GATE	N/A	
0.436	0.436	SIGN	RIGHT	REGULATORY, STOP
0.440	0.440	SIGN	LEFT	REGULATORY, ONE WAY
0.440	0.440	INTERSECTION	RIGHT	PAVED ROUTE (US ROUTE 98 / NON NPS)
0.440	0.440	INTERSECTION	LEFT	PAVED ROUTE (US ROUTE 98 / NON NPS)
0.440	0.440	ROUTE END	N/A	TO ROUTE 5000 (US ROUTE 98) AT MP 1.6

GUIS: ROUTE MAINTENANCE FEATURES ROAD LOG

ROUTE 0210: NAVAL LIVE OAKS ROAD

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.000	0.000	ROUTE BEGIN	N/A	FROM ROUTE 5000 (US ROUTE 98) AT MP 0.89
0.000	0.000	INTERSECTION	LEFT	ROUTE 5000 (US ROUTE 98)
0.000	0.000	INTERSECTION	RIGHT	ROUTE 5000 (US ROUTE 98)
0.004	0.008	CURB	LEFT	
0.010	0.010	INTERSECTION	LEFT	ROUTE 0210 (NAVAL LIVE OAKS ROAD) SPUR
0.011	0.011	SIGN	RIGHT	REGULATORY, STOP
0.022	0.022	GATE	N/A	
0.034	0.034	SIGN	RIGHT	GUIDE, OPEN 8:00 A.M. TO SUNSET
0.056	0.056	SIGN	RIGHT	REGULATORY, SPEED LIMIT 20
0.177	0.177	INTERSECTION	RIGHT	ROUTE 0923 (NAVAL LIVE OAKS NORTH PARKING)
0.224	0.224	INTERSECTION	RIGHT	ROUTE 0923 (NAVAL LIVE OAKS NORTH PARKING)
0.232	0.232	GATE	N/A	
0.233	0.233	SIGN	RIGHT	REGULATORY, NO PETS NO PETS ON BEACH
0.383	0.383	SIGN	LEFT	GUIDE, GRAPHIC SIGN, NO TEXT
0.400	0.400	INTERSECTION	N/A	ROUTE 0922 (NAVAL LIVE OAKS GROUP CAMPGROUND PARKING)
0.400	0.400	ROUTE END	N/A	TO ROUTE 0922 (NAVAL LIVE OAKS GROUP CAMPGROUND PARKING)

GUIS: ROUTE MAINTENANCE FEATURES ROAD LOG

ROUTE 0212: OPAL BEACH ROAD

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.000	0.000	ROUTE BEGIN	N/A	FROM ROUTE 0011 (J. EARLE BOWDEN WAY / STATE ROUTE 399) AT MP 4.31
0.000	0.000	INTERSECTION	LEFT	ROUTE 0011 (J. EARLE BOWDEN WAY / STATE ROUTE 399)
0.000	0.000	INTERSECTION	RIGHT	ROUTE 0011 (J. EARLE BOWDEN WAY / STATE ROUTE 399)
0.000	0.000	SIGN	N/A	REGULATORY, KEEP OUT
0.004	0.004	SIGN	RIGHT	GUIDE, UNABLE TO READ FROM VIDEO
0.005	0.005	SIGN	RIGHT	REGULATORY, STOP
0.011	0.011	GATE	N/A	
0.054	0.054	INTERSECTION	LEFT	ROUTE 0930 (OPAL BEACH PARKING #2 EAST)
0.055	0.055	SIGN	LEFT	REGULATORY, EXIT
0.057	0.057	SIGN	RIGHT	REGULATORY, STOP
0.080	0.080	INTERSECTION	RIGHT	ROUTE 0934 (OPAL BEACH COMPLEX PARKING)
0.104	0.104	INTERSECTION	LEFT	ROUTE 0955 (OPAL BEACH PARKING #3 EAST)
0.243	0.243	INTERSECTION	LEFT	ROUTE 0954 (OPAL BEACH PARKING #4 WEST)
0.330	0.330	INTERSECTION	N/A	ROUTE 0928 (OPAL BEACH PARKING #5)
0.330	0.330	ROUTE END	N/A	TO ROUTE 0928 (OPAL BEACH PARKING #5)

GUIS: ROUTE MAINTENANCE FEATURES ROAD LOG

ROUTE 0405: VFW ROAD

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.000	0.000	ROUTE BEGIN	N/A	FROM ROUTE 0015 (PARK ROAD) AT MP 1.07
0.000	0.000	INTERSECTION	RIGHT	ROUTE 0015 (PARK ROAD)
0.000	0.000	INTERSECTION	LEFT	ROUTE 0015 (PARK ROAD)
0.003	0.003	SIGN	RIGHT	GUIDE, UNABLE TO READ FROM VIDEO
0.009	0.009	SIGN	RIGHT	REGULATORY, STOP
0.028	0.028	SIGN	RIGHT	WARNING, SHARE THE ROAD
0.038	0.038	INTERSECTION	RIGHT	UNPAVED ROUTE (VFW 5699 / NON NPS)
0.050	0.050	SIGN	RIGHT	WARNING, CAUTION DANGEROUS INTERSECTION
0.090	0.090	FIRE HYDRANT	RIGHT	
0.090	0.090	SIGN	RIGHT	REGULATORY, STOP
0.090	0.090	SIGN	RIGHT	REGULATORY, KNAPP RD DOES NOT STOP
0.090	0.090	SIGN	RIGHT	GUIDE, KNAPP RD
0.090	0.090	PARK BOUNDARY	N/A	
0.090	0.090	INTERSECTION	LEFT	PAVED ROUTE (KNAPP ROAD / NON NPS)
0.090	0.090	INTERSECTION	RIGHT	PAVED ROUTE (KNAPP ROAD / NON NPS)
0.090	0.090	ROUTE END	N/A	TO PARK BOUNDARY AT T-INTERSECTION KNAPP ROAD (NON-NPS)

GUIS: ROUTE MAINTENANCE FEATURES ROAD LOG

ROUTE 0406: DAVIS BAYOU GOVERNMENT BOAT LAUNCH ROAD

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.000	0.000	ROUTE BEGIN	N/A	FROM ROUTE 0015 (PARK ROAD) AT MP 2.13
0.000	0.000	INTERSECTION	RIGHT	ROUTE 0015 (PARK ROAD)
0.000	0.000	INTERSECTION	LEFT	ROUTE 0015 (PARK ROAD)
0.004	0.004	SIGN	RIGHT	REGULATORY, STOP
0.009	0.009	SIGN	RIGHT	GUIDE, AUTHORIZED VEHICLES ONLY
0.106	0.127	PULLOUT	RIGHT	
0.123	0.123	FIRE HYDRANT	LEFT	
0.130	0.130	INTERSECTION	N/A	ROUTE 0905 (GOVERNMENT BOAT LAUNCH PARKING)
0.130	0.130	SIGN	RIGHT	GUIDE, OFFICIAL PERSONNEL ONLY
0.130	0.130	GATE	N/A	
0.130	0.130	ROUTE END	N/A	TO ROUTE 0905 (GOVERNMENT BOAT LAUNCH PARKING)

GUIS: ROUTE MAINTENANCE FEATURES ROAD LOG

ROUTE 0500: FORT PICKENS LOOP ROAD

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.000	0.000	ROUTE BEGIN	N/A	FROM ROUTE 0012 (FORT PICKENS ROAD) AT MP 6.98 (EAST SIDE)
0.000	0.000	INTERSECTION	LEFT	ROUTE 0012 (FORT PICKENS ROAD)
0.000	0.000	INTERSECTION	N/A	ROUTE 0500 (FORT PICKENS LOOP ROAD)
0.000	0.000	INTERSECTION	RIGHT	ROUTE 0012 (FORT PICKENS ROAD)
0.000	1.030	ONE-WAY	N/A	
0.006	0.025	CURB	LEFT	
0.007	0.026	CURB	RIGHT	
0.011	0.011	GATE	N/A	VERTICAL BARS
0.014	0.014	SIGN	RIGHT	REGULATORY, ONE WAY
0.027	0.027	SIGN	RIGHT	REGULATORY, SPEED LIMIT 20
0.032	0.153	CURB	RIGHT	
0.032	0.170	CURB	LEFT	
0.178	0.184	CURB	RIGHT	
0.190	0.190	INTERSECTION	RIGHT	ROUTE 0908 (FORT PARKING)
0.214	0.285	CURB	LEFT	
0.260	0.260	FIRE HYDRANT	LEFT	
0.260	0.260	SIGN	LEFT	REGULATORY, ONE WAY
0.269	0.269	INTERSECTION	RIGHT	ROUTE 0908 (FORT PARKING)
0.288	0.376	CURB	LEFT	
0.296	0.296	INTERSECTION	RIGHT	ROUTE 0908 (FORT PARKING)
0.346	0.346	SIGN	LEFT	REGULATORY, SPEED LIMIT 20
0.371	0.371	GATE	N/A	VERTICAL BARS
0.371	0.371	SIGN	N/A	REGULATORY, STOP
0.376	0.376	INTERSECTION	LEFT	ROUTE 0402 (FORT PICKENS SERVICE ROAD)
0.379	0.475	CURB	LEFT	
0.485	0.485	INTERSECTION	LEFT	ROUTE 0012 (FORT PICKENS ROAD)
0.488	0.618	CURB	LEFT	
0.513	0.513	INTERSECTION	LEFT	ROUTE 0907AZ (FORT PICKENS DISTRICT PARKING A)
0.630	0.630	INTERSECTION	LEFT	ROUTE 0909 (BATTERY TRUMAN PARKING)
0.642	0.686	CURB	LEFT	
0.691	0.789	GUARD/GUIDE WALL	RIGHT	
0.696	0.696	INTERSECTION	LEFT	ROUTE 0910 (JETTIES RESTROOM PARKING)
0.789	0.789	SIGN	RIGHT	GUIDE, GRAPHIC SIGN, NO TEXT

GUIS: ROUTE MAINTENANCE FEATURES ROAD LOG

ROUTE 0500: FORT PICKENS LOOP ROAD

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.845	0.882	CURB	RIGHT	
0.894	0.894	INTERSECTION	RIGHT	ROUTE 0911 (BATTERY PAYNE PARKING)
0.926	0.938	PULLOUT	RIGHT	
0.936	0.945	CURB	LEFT	
0.939	0.939	SIGN	RIGHT	REGULATORY, AREA CLOSED KEEP-OUT
0.939	0.939	SIGN	RIGHT	REGULATORY, SPEED LIMIT 20
1.008	1.030	CURB	LEFT	
1.013	1.025	PULLOUT	RIGHT	
1.014	1.014	SIGN	RIGHT	REGULATORY, AREA CLOSED KEEP-OUT
1.030	1.030	INTERSECTION	LEFT	ROUTE 0012 (FORT PICKENS ROAD)
1.030	1.030	INTERSECTION	N/A	ROUTE 0500 (FORT PICKENS LOOP ROAD)
1.030	1.030	INTERSECTION	RIGHT	ROUTE 0012 (FORT PICKENS ROAD)
1.030	1.030	SIGN	LEFT	REGULATORY, DO NOT ENTER
1.030	1.030	SIGN	RIGHT	REGULATORY, STOP
1.030	1.030	ROUTE END	N/A	TO ROUTE 0012 (FORT PICKENS ROAD) AT MP 6.98 (WEST SIDE)

GUIS: ROUTE MAINTENANCE FEATURES ROAD LOG

ROUTE 0501: BATTERY 234 LOOP ROAD

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.000	0.000	ROUTE BEGIN	N/A	FROM ROUTE 0012 (FORT PICKENS ROAD) AT MP 6.46
0.000	0.620	ONE-WAY	N/A	
0.000	0.000	INTERSECTION	LEFT	ROUTE 0012 (FORT PICKENS ROAD)
0.000	0.000	INTERSECTION	RIGHT	ROUTE 0012 (FORT PICKENS ROAD)
0.029	0.029	GATE	N/A	VERTICAL BARS
0.029	0.029	SIGN	N/A	REGULATORY, STOP
0.034	0.034	CULVERT	N/A	
0.045	0.045	SIGN	RIGHT	REGULATORY, NO ROADSIDE PARKING
0.208	0.208	SIGN	LEFT	GUIDE, NATIONAL PARK SERVICE CELLULAR *55 TO REPORT PARK EMERGENCY
0.228	0.228	SIGN	LEFT	REGULATORY, GRAPHIC SIGN, NO TEXT
0.228	0.228	SIGN	RIGHT	REGULATORY, ONE WAY
0.235	0.235	SIGN	RIGHT	GUIDE, NO PETS ON BEACH
0.238	0.238	INTERSECTION	LEFT	ROUTE 0913 (BATTERY 234 PARKING)
0.244	0.244	SIGN	RIGHT	REGULATORY, NO PARKING ANY TIME
0.247	0.247	SIGN	LEFT	REGULATORY, GRAPHIC SIGN, NO TEXT
0.388	0.388	SIGN	LEFT	REGULATORY, GRAPHIC SIGN, NO TEXT
0.391	0.391	SIGN	RIGHT	REGULATORY, ONE WAY
0.396	0.396	INTERSECTION	LEFT	ROUTE 0914 (BATTERY COOPER PARKING)
0.408	0.408	SIGN	LEFT	REGULATORY, GRAPHIC SIGN, NO TEXT
0.544	0.544	CULVERT	N/A	
0.604	0.604	SIGN	LEFT	REGULATORY, DO NOT ENTER
0.608	0.608	GATE	N/A	VERTICAL BARS
0.608	0.608	SIGN	N/A	REGULATORY, STOP
0.616	0.616	SIGN	RIGHT	REGULATORY, STOP
0.620	0.620	INTERSECTION	LEFT	ROUTE 0012 (FORT PICKENS ROAD)
0.620	0.620	INTERSECTION	N/A	ROUTE 0915 (BATTERY WORTH PICNIC AREA PARKING)
0.620	0.620	INTERSECTION	RIGHT	ROUTE 0012 (FORT PICKENS ROAD)
0.620	0.620	ROUTE END	N/A	TO ROUTE 0012 (FORT PICKENS ROAD) AT MP 6.03

Gulf Islands National Seashore

Section 10
Appendix

APPENDIX A: GLOSSARY OF TERMS AND ABBREVIATIONS

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

APPENDIX B: DESCRIPTION OF RATING SYSTEM

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

Data is collected on the following distresses and conditions:

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

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

Calculation of Index Values

Note: Index values < 0 default to 0. Index values > 100 default to 100.
For all indices, a higher value indicates a better road condition, and a lower value indicates a poorer road condition.
All severity protocols are taken from the SHRP Distress Identification Manual.

Condition Ranges for all Indices

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

Alligator Crack Index

AC_INDEX = 100 – 40 * [(%LOW / 70) + (%MED / 30) + (%HI / 10)]

Where :

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

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

%MED = (Total square area WX measured medium severity alligator cracking) / (Section length * WX measured lane width)
%HI = (Total square area WX measured high severity alligator cracking) / (Section length * WX measured lane width)

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

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

Severity Levels:

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

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

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

Longitudinal Crack Index

LC_INDEX = 100 – 40 * [(%LOW / 350) + (%MED / 200) + (%HI / 75)]

Where:

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

%LOW = (Total linear feet WX measured low severity longitudinal cracking) / (Section length in linear feet)
%MED = (Total linear feet WX measured medium severity longitudinal cracking) / (Section length in linear feet)
%HI = (Total linear feet WX measured high severity longitudinal cracking) / (Section length in linear feet)

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

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

Severity Levels:

Low severity longitudinal cracks have a mean width ≤ ¼”, or are sealed cracks of indeterminate width whose sealant material is in good condition.

Medium severity longitudinal cracks have a mean width > ¼” and ≤ ¾”.

High severity longitudinal cracks have a mean width > ¾”.

Transverse Crack Index

TC_INDEX = 100 – {[20 * ((LOW / 15.1) + (MED / 7.5))] + [40 * (HI / 1.9)]}

Where:

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

LOW = (Total linear feet WX measured low severity transverse cracking) / (WX measured lane width)
MED = (Total linear feet WX measured medium severity transverse cracking) / (WX measured lane width)
HI = (Total linear feet WX measured high severity transverse cracking) / (WX measured lane width)

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

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

Severity Levels:

Low severity transverse cracks have a mean width ≤ ¼", or are sealed cracks of indeterminate width whose sealant material is in good condition.

Medium severity transverse cracks have a mean width > ¼" and ≤ ¾".

High severity transverse cracks have a mean width > ¾".

Patching Index

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

Where:

The value %PATCHING describes the percent of the total WX measured area that is affected by patching. This value ranges from ≥ 0 to ≤ 100.

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

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

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

There are no severity levels for patching.

Rutting Index

RUT_INDEX = 100 – 40 * [(%LOW / 160) + (%MED / 80) + (%HI / 40)]

Where:

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

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

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

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

Severity Levels:

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

Low severity ruts have an ARAN measured depth ≥ 0.20" and ≤ 0.49".

Medium severity ruts have an ARAN measured depth ≥ 0.50" and ≤ 0.99".

High severity ruts have an ARAN measured depth ≥ 1.00".

Roughness Condition Index

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

Where:

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

AVG IRI = (ARAN measured Left IRI + ARAN measured Right IRI) / 2

There is no applicable threshold for failure for this index.

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

Surface Condition Rating Index

SCR = 100 - [(100 - AC_INDEX) + (100 - LC_INDEX) + (100 - TC_INDEX) + (100 - PATCH_INDEX) + (100 - RUT_INDEX)]

Where:

See above for determinations of AC_INDEX, LC_INDEX, TC_INDEX, PATCH_INDEX and RUT_INDEX.

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

Pavement Condition Rating Index Asphaltic Concrete Pavement (AS)

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

Where:

See above for determinations of SCR and RCI.

The values 0.60 and 0.40 function as weights within the formula.

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

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

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

Pavement Condition Rating Index Portland Cement Concrete Pavement (CO)

Concrete PCR = -0.0012(IRI^2)+0.0499(IRI)+99.542

Where:

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

Parking Lot and Manually Rated Road Condition Rating

Surface Condition Distresses- Chip Seal:

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

Ratings - Chip Seal:

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

Surface Condition - Asphalt:

Cracking of any type
Rutting
Potholes/Patching

Ratings - Asphalt:

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

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

Under Construction 100

Excellent 97

Good 90

Fair 73

Poor 45

APPENDIX C: GENERAL INFORMATION ON RIP SYSTEMS

DMI (Distance Measuring Instrument)

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

Digital Image Information

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

Right-of-way (ROW) Video

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

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

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

Pavement Video

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

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

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

FHWA ARAN GPS & Inertial System

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

GPS Collected on Manually Rated Routes

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

GPS SHAPEFILES

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

• Datum for all GPS shapefiles is LL_WGS84_DD (Latitude Longitude _World Geodetic Survey 1984_Decimal Degrees)
• In filename, “park” is NPS four-letter alphabetic code.
• The source for route data required for data processing and report production is the PARK_RouteInfo.mdb.

Condition Photos Taken of Manually Rated Roads

One or more digital photos are taken by Canon Power Shot G2 4.0 Mega Pixel digital camera for each manually rated route in a National Park. They are stored in .jpg format named with the four-letter NPS park alphabetic code, route number, and the photo number assigned by the camera. For example, YOSE_0900_4434.jpg is the filename of the photo named 4434 by the camera that was taken of Yosemite National Park route 0900.

Scenic Photos

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

APPENDIX D: METADATA

FHWA – NPS Road Inventory Program Cycle 4 Metadata

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

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

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

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

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

Specific Caveats

- MUTCD based on contents & colors of sign, not on size
- Database records that show a Portland Cement Concrete (CO) surface type sometimes include distress index values that seem to show a perfect roadway. Condition assessments on concrete pavements are not conducted for Alligator Cracking, Transverse or Longitudinal Cracking, Patching, or Rutting. Perfect values for concrete road sections for these indexes are default values and do not represent a condition assessment of the concrete surfaces.
- On the USB drive, in the Database folder, parks are provided with intersection lists and exceptions lists. These documents should be treated as raw files and are not accurate. Refer to the final database for accurately post-processed intersection data.
- Most roadway data is collected in the primary direction lane of a roadway. To save data storage space and to reduce data analysis efforts, the assumption was made that the paved surface condition of a route's primary lane adequately represents the surface condition of the full roadway. Therefore, in the database, opposite-direction records in the PMS_Tenth table do not include assessed values for roadway surface distresses. Values such as 0, N/A, -1, or a repeat of the primary-direction assessed value indicate that no assessment was performed. The PMS_20 and PMS_Mile tables simply exclude all opposite routes.

- Roadway Data is collected in intervals of 0.010 miles (52.8feet) constituting a "station".
- Most roadway features are collected relative to the primary direction lane of a roadway, using the primary-direction video and mileage. Signs and Mile Markers are the only features collected using the opposite-direction video with mileage location referenced to the primary direction lane of the roadway.
- Route_GPS table contains GPS positional information collected by the ARAN and post processed with Applanix POSPac Land 5.0 post-processing software. No manual adjustments have occurred on this table.
- Modifications to the Park_ROAD_04.dbf/.shp/.shx files may have been necessary for report esthetics.
- Modifications to the Park_PKG_04. dbf/.shp/.shx files may have been necessary for report esthetics.
- Cycle 4 utilizes the Microsoft Office 2003 suite of products and Crystal Reports XI for document and data file generation and reporting.
- All PDF files are in Adobe Acrobat 7.0 Professional format.
- All ArcGIS files are created using ESRI Version 9.x software.
- Thumbnail images are created at 1/10 original image size for Right-of-Way and Pavement Images.
- FHWA is investigating the rutting methodology and calculated values it currently reports. Equipment limitations and analysis methods may be over reporting, low severity rutting.

Key to Notes in Tables

(1): Note that only one value fits in field, so even if this value varies throughout the route, only predominant value is recorded here.
(2): Shoulder width is measured at route start and every half-mile along the route in the primary direction. Width is the entire width of the drivable shoulder, regardless of the presence or absence of pavement, from the fog line to the shoulder hinge point, or if no fog line exists, from the edge of pavement to the hinge point. Identification of shoulder hinge point can be problematic using video analysis. Some paved ditches may be mistakenly recorded as shoulders where the shoulder hinge point and change in slope are not easily distinguished from the video.
(3): Mileage is measured by the ARAN (Automatic Road ANalyzer) data collection vehicle out to the 0.001 decimal place. The DMI (distance measuring instrument) is very accurate, with extremely slight variations in measurement due to air temperature, tire inflation, curves, hills, and equipment calibration.
(4): Features are measured differently depending on whether they are visible in the forward-facing video of the roadway, but every feature milepost measurement depends on the baseline measurement of the data collection vehicle's mileage. The ARAN (Automatic Road ANalyzer) data collection vehicle's mileage is measured by the DMI (distance measuring instrument) out to the 0.001 decimal place. The DMI is very accurate, with extremely slight variations in measurement due to air temperature, tire inflation, curves, hills, and equipment calibration. If a feature will not be visible in the forward-facing video, its milepost is determined by the data collectors' key press tagging the milepost when the ARAN passes the feature. Key presses are entered into the ARAN software when the vehicle travels typically between 15 and 45 miles/hour, so a delay of a single second as the vehicle passes a feature would result in an inaccuracy of 0.004 miles (22 feet) to 0.012 miles (66 feet). If a feature is visible in the video, its milepost is determined during post-processing using a video measurement software called Surveyor.
(5): Condition assessments on concrete (PCC) pavements are not conducted for Alligator Cracking, Transverse or Longitudinal Cracking, Patching, or Rutting. Perfect values for concrete road sections for these indexes are default values and do not represent a condition assessment of the concrete surfaces.
(6): Roadway cracking presence, type, severity, and extent are determined by filming the roadway in the primary lane continuously with two overlapping analog cameras of 640 x 480 resolutions. The images from both cameras are stitched together in real time to create a continuous strip image of the roadway pavement in the primary lane. Cracks 3 mm or greater in width are visible in this video. A semi-automatic process running the WiseCrax software with additional input by human operators provides the cracking quantities recorded in these database fields. Quality checks have determined that a consistent 80% or better of the visible cracks are recorded.

Access Database Metadata

MASTER Table Metadata:

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

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

PMS_FEATURE Table Metadata:

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

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

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

List of Roadway Features

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

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

PMS_20, PMS_MILE, & PMS_TENTH Tables Metadata:

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

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

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

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

ROUTE_GPS table metadata:

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

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

FHWA "Route ID Program" Database
Database Name: ROUTEINFO.mdb
Table Name: ROUTE_ID

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

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

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

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

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

Database Name: ROUTEINFO.mdb
Table Name: PARK_TOTALS

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

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

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

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

Business Practices for Route Numbering and Roadway Asset Identification

Introduction and Background:
Beginning in November 2006, inventory and condition information gathered by the Federal Highway Administration (FHWA) has been stored in FMSS to enable NPS to report Deferred Maintenance (DM) and Current Replacement Value (CRV) for NPS paved roads, paved parking areas, bridges, and tunnels. The NPS Roads Working Group (RWG) has been tasked with developing and implementing the procedures necessary to transfer DM and CRV from FHWA's databases to NPS' Facility Management Software System (FMSS).

Current business practices for roadway definition in national parks involve face-to-face meetings between FHWA personnel and individual park staff known as "Route ID" meetings. These meetings have been ongoing for several years and have been performed within the context of the Road Inventory Program (RIP) executed mainly by FHWA. The primary focus of these meetings has been on defining roadway static information such as route names, numbers, functional class, etc. The FHWA personnel are the primary individuals responsible for implementing the RIP and the route ID meetings are an integral and fundamental part of that process. The RIP process provides route numbers for each individual road and parking area in each park. After the route ID meetings establish a given park's roadway asset base, various types of condition and inventory data are collected either manually or with a data collection van that drives each individual road with an individual route number.

The FMSS requires asset numbers as unique identifiers for all asset types including roadways. **The current practice is that all roadways that are assigned a route number at route ID, also are defined as assets and therefore also receive an FMSS asset number** (Route names and functional classes are also collaboratively assigned during the face-to-face route ID meetings). This practice began midway through the third RIP data collection cycle (ending in 2003) and was further reinforced during an asset alignment process conducted in the summer of 2006. The alignment process ensured that each route number in RIP and each asset number in FMSS were matched to the correct road and parking area.

Issue Statement:
As a result of various pre-existing business practices associated with the RIP, which predates FMSS by several years, route numbers are assigned for routes that are often very small. In tandem with the current business practice that all routes with route numbers are considered assets, this has caused a proliferation of asset numbers within FMSS. Over the past year, the RWG has learned that this business practice has significantly increased time and resources that parks must dedicate to administering FMSS data entry and management. This additional work effort is due to the fact that tying FMSS asset records to the more detailed, granular RIP route numbers has generated numerous new assets that require additional database and work order management. This has led to a situation where assets are not being defined the way they are managed.

The following proposed practices seek to create an asset definition process that is dictated by to how road assets are managed at the park level, not according to the pre-existing practices used in RIP for collecting detailed road information. RIP practices assign route numbers mainly based on how data are collected and driven with a data collection device. These procedures will disassociate the driving of roads with the data collection van from the process of assigning them asset status. **The end goal is to only assign asset numbers based on how parks manage their facilities within guidelines set up within FMSS and herein.** Driving the road with the data collection van allows for the collection of higher quality data as well as the ability to view road segments with video viewing software (Visidata). By de-linking driving the roads with the assignment of "asset status", we are able to get the best quality data without the proliferation of assets that has serious negative ramifications for managing roadways in parks using asset management tools.

Proposed Actions:

1. Make a distinction within the route number field in the RIP database between those route numbers that represent assets, those that are subcomponents of assets and those that are groups of sub-components. The route number field in the RIP database will be expanded from 6 to 7 characters. The additional character will denote the asset status of the route in question. Combined routes will be designated with a double "zz", while subcomponents will be designated with one "z". Whenever possible, a combined route should use the lowest route number to be combined as the combined route number.
2. Only show assets, whether a group of subcomponents or a single component, on the Route ID report. Assets that are composed of subcomponents will have "zz" in the route number. Individual routes will have no additional characters in the route number. Subcomponents (designated in RIP with a "z") will not be listed on the route ID report. Only assign asset numbers to those routes listed on the route ID report.
3. Provide a separate reporting function (other than the Route ID report) to identify and display information for route numbers not representing assets. Specific reporting requirements and format TBD.
4. Add a new field to the RIP database to indicate the "asset status" of a route number. The flag will have three possible values:
    a. Asset with no subcomponents.
    b. Asset with subcomponents.
    c. Non-asset (i.e. subcomponent).

    Both a change in the route number and a new "asset ID" field in the RIP database are recommended. It is easier to perform queries and other database manipulations using a separate field instead of a character within the route number field. The character in the route number field allows for rapid identification of the asset status of a road without having to access the database as a whole. Even thought non-asset routes will not be included in the route ID report (the primary location for parks to view road information in RIP), there are many other reports as well as the Visidata application where the route number is

displayed. In these cases, the character in the route number will clearly identify the asset status of the roadway.

5. Focus asset definition practices on NPS asset management needs. Create roadway assets based on how parks manage these assets within the following guidelines:
    a. Individual road segments (asset subcomponents) may be combined into a single asset**. Note that all the attributes of individual subcomponents (paved area, equipment, work orders, etc) will be included in the combined asset.**
    b. In general, combination should be used in complex circulatory environments such as campground areas, housing and other administrative areas, maintenance areas, etc.
    c. Public and non-public segments may not be combined.
    d. Segments with differing functional classes may not be combined.
    e. Discrete parking areas may be combined into a single asset where they service the same facility or resource and are within walking distance of each other.
    f. Parking areas and roads may not be combined. This includes short road segments that may be near or adjacent to parking areas. See 5h below for exceptions to this.
    g. Where the primary purpose of a road is to provide access to a parking area, and that road segment is approximately 0.25 miles in length or shorter, the access road should be considered part of the parking area (Note that this is an existing RIP business practice).
    h. Particularly long routes may be divided into multiple assets based on how a park manages the roadway network. This should not be confused with the use of sub-components listed in 5a.
    i. Roads that are actively managed by concession operations may not be combined with those managed by the NPS.

Discussion:
The first four items listed above are actions required by FHWA RIP to allow for the adoption of the practices shown in 5a-i. The following will provide additional direction and examples for guidelines listed.

<u>Individual road segments (asset subcomponents) may be combined into a single asset.</u>
Where previous route ID practices have generated more assets (routes) than are practical from an asset management standpoint, small, discrete road lengths may be designated as asset subcomponents and then combined into a larger single asset. A subcomponent is NOT an FMSS term. Subcomponents will be used in RIP to indicate which routes are small, drivable individual road segments and which routes may include these segments. Once a piece of road is designated a subcomponent of another route, it will no longer have any individual identity in FMSS. Only those routes listed on the RIP Route ID report will have asset numbers in FMSS. As stated in business rule 2 above, subcomponents will not be listed on the route ID. The quantity information (length, area) will be included into the larger route of which they are a part. See Figures 1 and 2 for an example of how existing assets may be combined using subcomponents. Note that

subcomponents will have an identity in the RIP database and, if driven by RIP team, may be referenced in RIP reports, Visidata, or other RIP documentation.

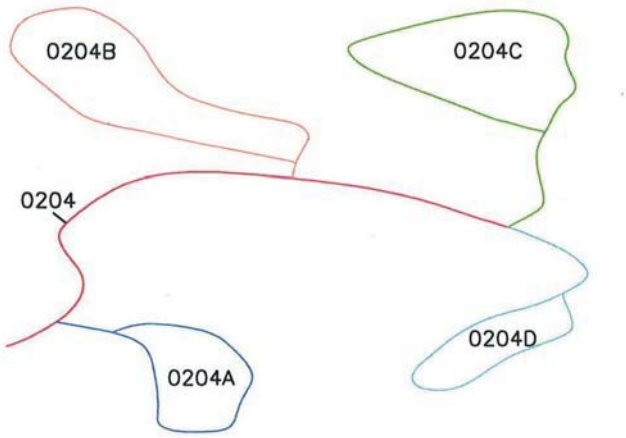


Figure 1: Campground with five routes and five assets

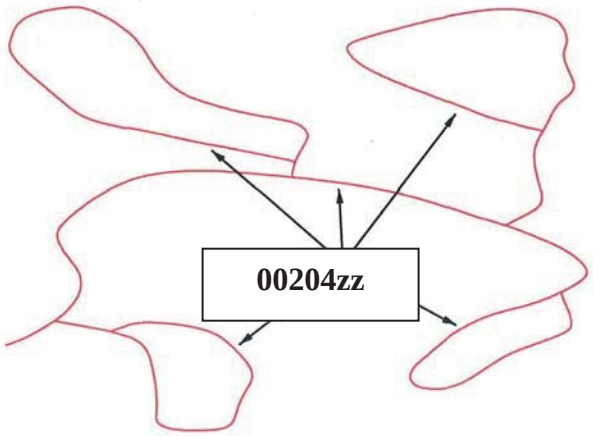


Figure 2: Campground with all loops combined into one route and one asset. This has eliminated four assets.

In general, combination should occur in complex circulatory environments such as campground areas, housing and other administrative areas, maintenance areas, etc.

Typically these complex situations are where too many assets have been used to define roadways. Combining simple "point A to point B" roads that are clearly defined and provide access to different facilities or locations may not be done.

Public and non-public segments may not be combined. Roads that are posted as closed to the public or are intended as administrative access only (maintenance areas, housing areas, fire roads, etc) can not be combined with roads open to the public.

Segments with differing functional classes may not be combined. The roadway functional class is found on the Route ID report. Functional class indicates the type of circulatory function a given road provides. Functional class is used in a variety of applications (engineering, safety, funding) so it is important to maintain the correct functional class attributes of individual roads/assets. There are some cases where functional class was erroneously assigned in prior Route ID meetings such as where campground loops have a different functional class than the campground road. Functional classes of individual roads may be modified to correct discrepancies. The functional class definitions may not be modified.

Discrete parking areas may be combined into a single asset where they service the same facility or resource and are within walking distance of each other. These combined areas should be maintained as one asset. There are many instances where small (5-10 space), discrete parking areas have been separated into individual assets even though they provide parking for the same area or facility. These may be combined into a single asset. Figures 3 and 4 shows examples of combining parking areas.

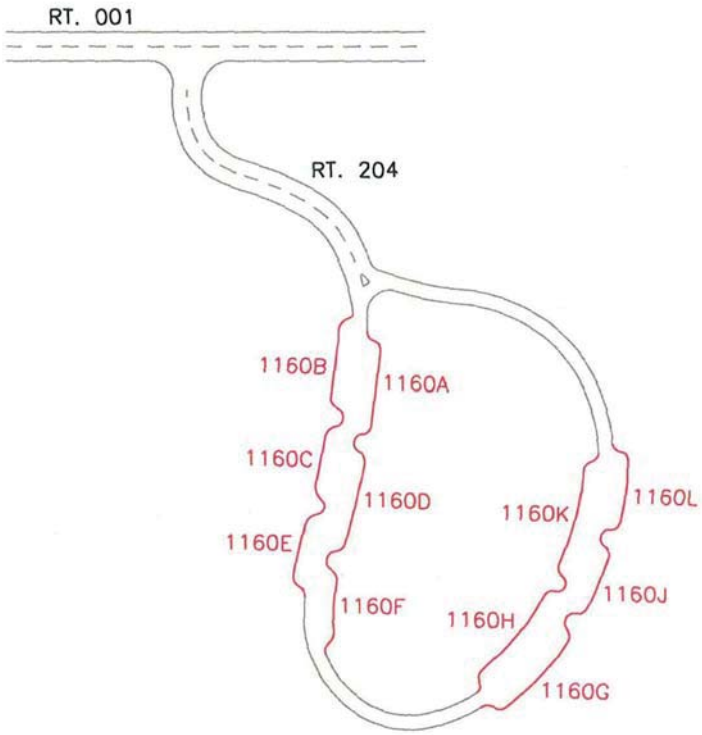


Figure 3: Parking with access route 204 and multiple parking areas (1160 A-L). Currently, this parking area is 12 routes and 12 assets (one 1100 asset and 11 1300 assets).

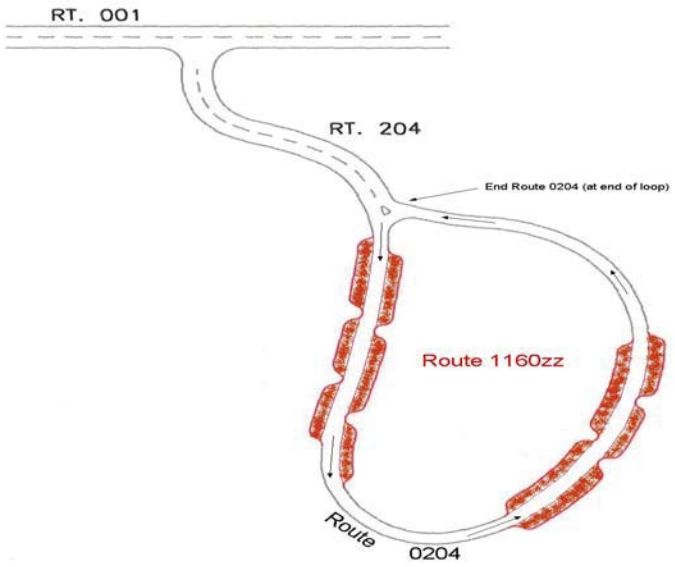


Figure 4: Parking with access route 204 and one parking area 1160zz. Route 204 is assumed longer than 0.25 miles. There are now 2 assets (one 1100 asset, one 1300 asset) instead of 12.

Parking areas and roads may not be combined. Parking areas and roads are tracked as separate asset types (1300 vs. 1100) in FMSS and as such should not be combined except in situations described by 5g. In Figure 5, Route 207 is a spur road from the main route running through parking area 1102. Since the spur road continues through and beyond the parking area, it will remain a separate route.

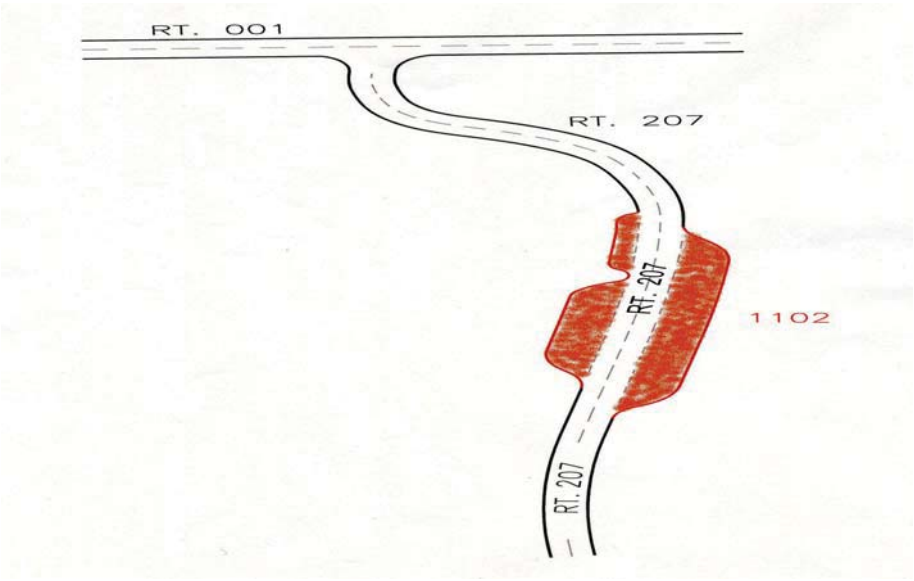


Figure 5: Parking with access route 207 running through and continuing beyond parking 1102. This access route cannot be considered a part of the parking area and two routes and two assets continue to exist.

Where the primary purpose of a road is to provide access to a parking area, and that road segment is less than 0.25 miles in length, the access road should be considered part of the parking area. See Figures 8. Where a road continues on past a parking area to another facility or destination, even if it is less than 0.25 miles to the initial parking area, the road and parking area may not be combined.

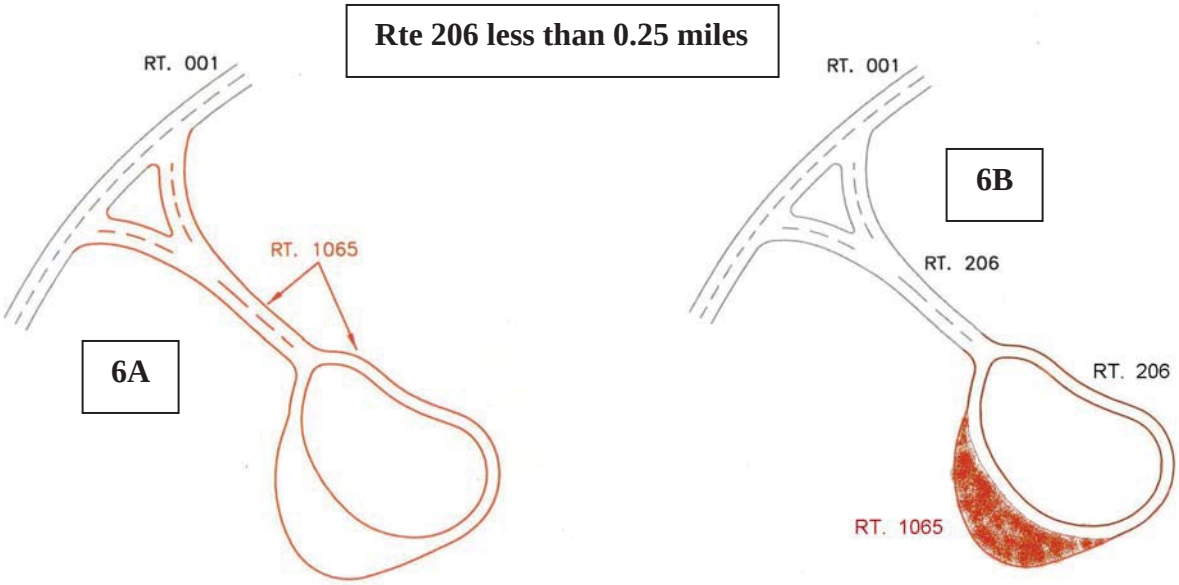


Figure 6: Since the access route is less than .25 miles in length and the only use of the access is to the parking, one route for both the access and the parking area can be established.

Particularly long routes may be divided into multiple assets based on how a park manages the roadway network. This should not be confused with the use of sub-components listed in 5a. Routes like the Blue Ridge Parkway or the Yellowstone Grand Loop may not lend themselves to management as a single asset by virtue of their length. Often management districts are created for sections of these routes and maintenance activities occur primarily within these districts. Parks may break routes up into separate assets during the Route ID process if the road is managed as discrete sections. This should only be done for very long roads.

The following example illustrates a complex road system and how the proposed business practice and several of the guidelines could be applied to create fewer assets that are consistent with local management.

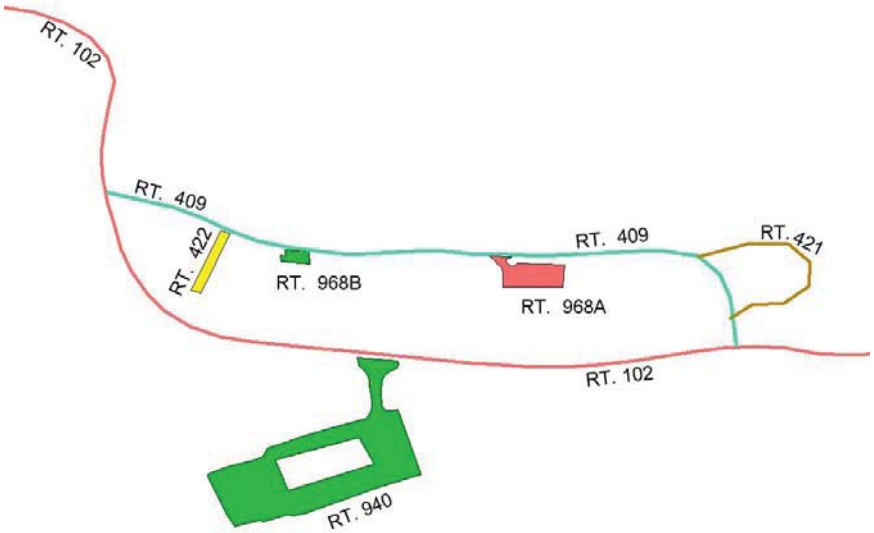


Figure 7 – Current Housing area access configuration. Route 409 is less than 0.25 miles long.

The area serviced by Routes 409, 421, 422, 968A, and 968B is all employee housing. Route 940 provides access to visitor services and not to the housing area. Routes may be combined to create assets that reflect local management. Routes 409, 421, and 422 are all the same functional class, provide access to one type of activity (housing) and are all posted as non-public. These routes may be combined. They should not be combined with any parking areas even though they are all less than 0.25 miles long. This is because their main function is not to provide access to parking. Routes 968A and B provide parking for access to the same facility (housing). Even though these discrete areas may provide parking to different housing units, it's reasonable to manage them as a single asset. They may also be combined.

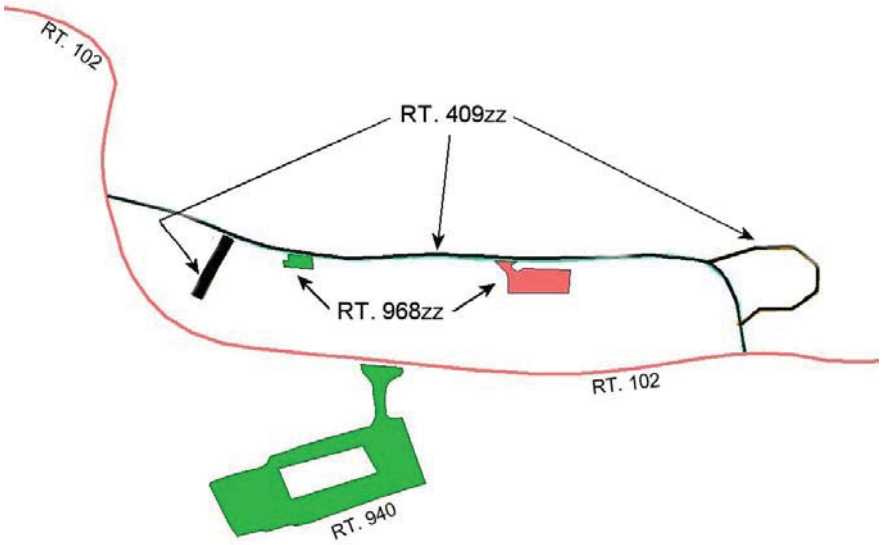


Figure 8 – Combined housing area access configuration – Parking and road assets combined to eliminate 3 assets.