The Road Inventory
of
Gulf Islands National Seashore
GUIS – 5320

national park service

Road Inventory Program

Prepared By:
Federal Highway Administration
Eastern Federal Lands Highway Division
Cycle 3

Gulf Islands National Seashore
in
Florida

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INTRODUCTION

Background: In July 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 and short-range costs and programs to bring National Park Service (NPS) roads up to, or to maintain, designated standards, and to 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 re-established in the 1990's. The FLH completed two cycles of RIP data collection between 1994 and 2001. Cycle 1 data was collected in 44 large parks from 1994 to 1995. 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."

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 the 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 3: A third RIP cycle was initiated in 2001. Data was collected from March 2001 to July 2004, and is included in the Cycle 3 Reports. Cycle 3 includes 254 large and small parks with a combined total of 5,455 route miles.

In the Cycle 3 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 of 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.

FHWA RIP Coordinator:

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Gulf Islands National Seashore Summaries

Overall Park Mileage Summary

PARK TOTAL SUMMARY ITEMS	TOTAL	DATE
Paved ARAN Driven Route Miles	22.71	4/17/2002
Unpaved Estimated Route Miles	0.69	4/17/2002
Paved ARAN and Unpaved Route Miles	23.40	
Paved ARAN Driven Lane Miles	43.44	4/17/2002
Paved MRR Lane Miles	4.01	4/17/2002
Parking Lot Lane Miles	20.12	4/17/2002
Total Paved Lane Miles	67.58	

Notes: Total Paved Lane Miles includes the sum of Paved ARAN Driven Lane Miles, Paved MRR Lane Miles, and Parking Lot Lane Miles

Unpaved Route Miles are estimates, they have not been inventoried by the Roadway Inventory Program (RIP)

Gulf Islands National Seashore Summaries

Cost to Improve to "Excellent" Condition

SOURCE	WORK PERFORMED	COST PER MILE	INITIAL CONDITION
FHWA Awarded Projects	Surface Maintenance	$30,000	Excellent
FHWA Awarded Projects	3-R (Resurfacing)	$110,000	Good
FHWA Awarded Projects	3-R (Resurfacing, Restoration, and Rehabilitation) Projects	$560,000	Fair
FHWA Awarded Projects	4-R (Resurfacing, Restoration, Rehabilitation, and Reconstruction) Projects	$1,540,000	Poor

Based on the above table, the cost to improve ARAN driven paved road condition miles to "Excellent" PCR are:

Existing Condition	Existing Miles	Estimated Cost to Improve
Excellent	0.67	$20,100
Good	10.98	$1,207,800
Fair	9.22	$5,163,200
Poor	1.84	$2,833,600
Totals	**22.71**	**$9,224,700**

The above numbers include the 35% PE, CE and contingency costs and are national averages. The cost estimates were used in the calculations for the 2004 Reauthorization Bill to determine the level of funding required to bring all the NPS roads into a Pavement Condition Rating (PCR) of Good (85).

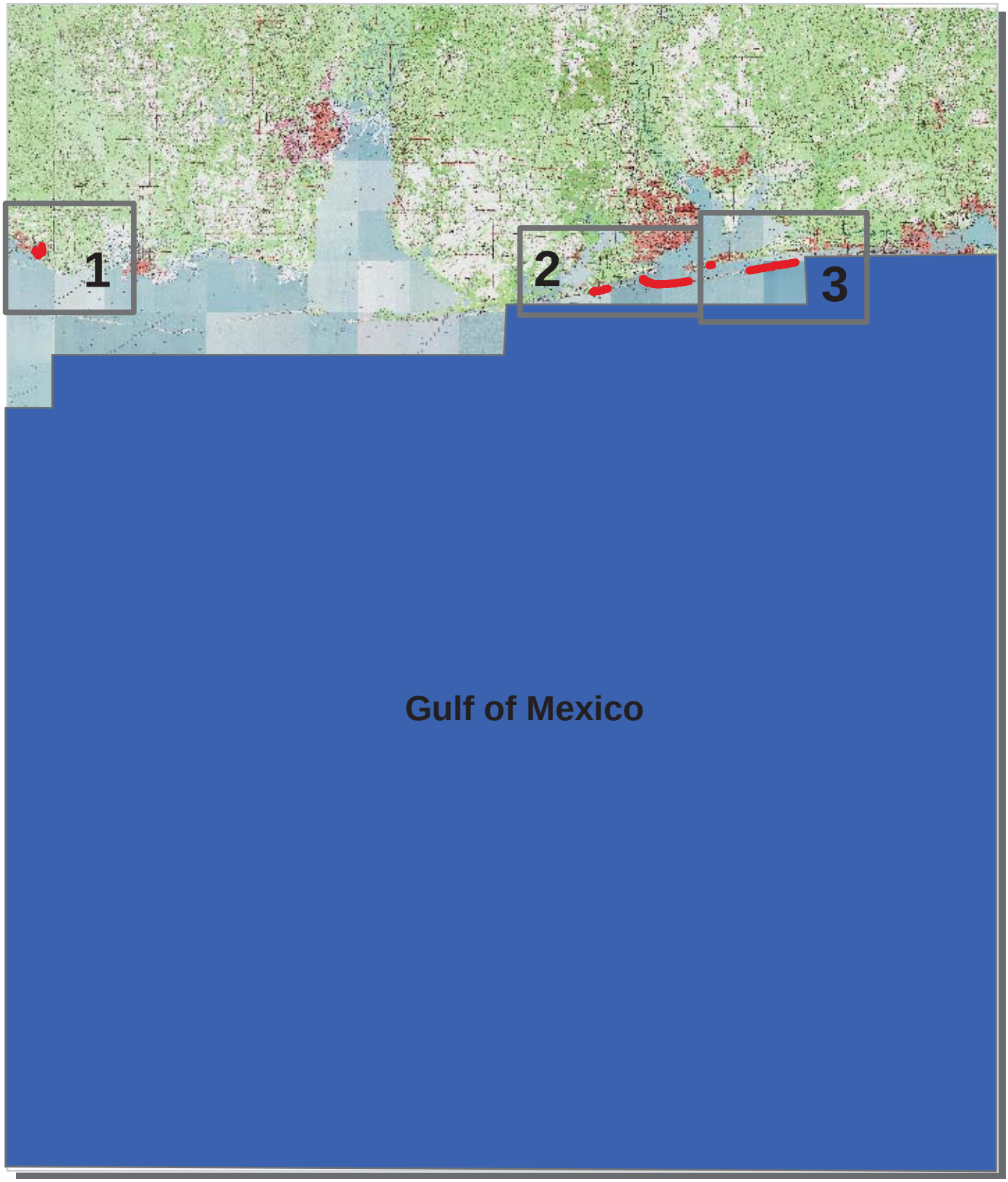
These numbers are for preliminary planning purposes only and should not be used for project level proposals. For park planning level analysis, apply your park multiplier for more accurate regional costs.

Gulf Islands National Seashore Summaries

Paved Route Miles and Percentages by Functional Class and PCR for ARAN Driven Paved Roads

F.C.	Pavement Condition Rating								TOTAL MILES
	Poor (<=60)		Fair (61-84)		Good (85-94)		Excellent (95-100)		
	MILES	%	MILES	%	MILES	%	MILES	%	
1	0.67	2.95%	7.55	33.25%	10.88	47.91%	0.67	2.95%	19.77
2									
3	1.17	5.15%	1.67	7.35%	0.10	0.44%			2.94
4									
5									
6									
7									
8									
Totals	**1.84**	**8.10%**	**9.22**	**40.60%**	**10.98**	**48.35%**	**0.67**	**2.95%**	**22.71**

Gulf Islands National Seashore
Route Location
Key Map

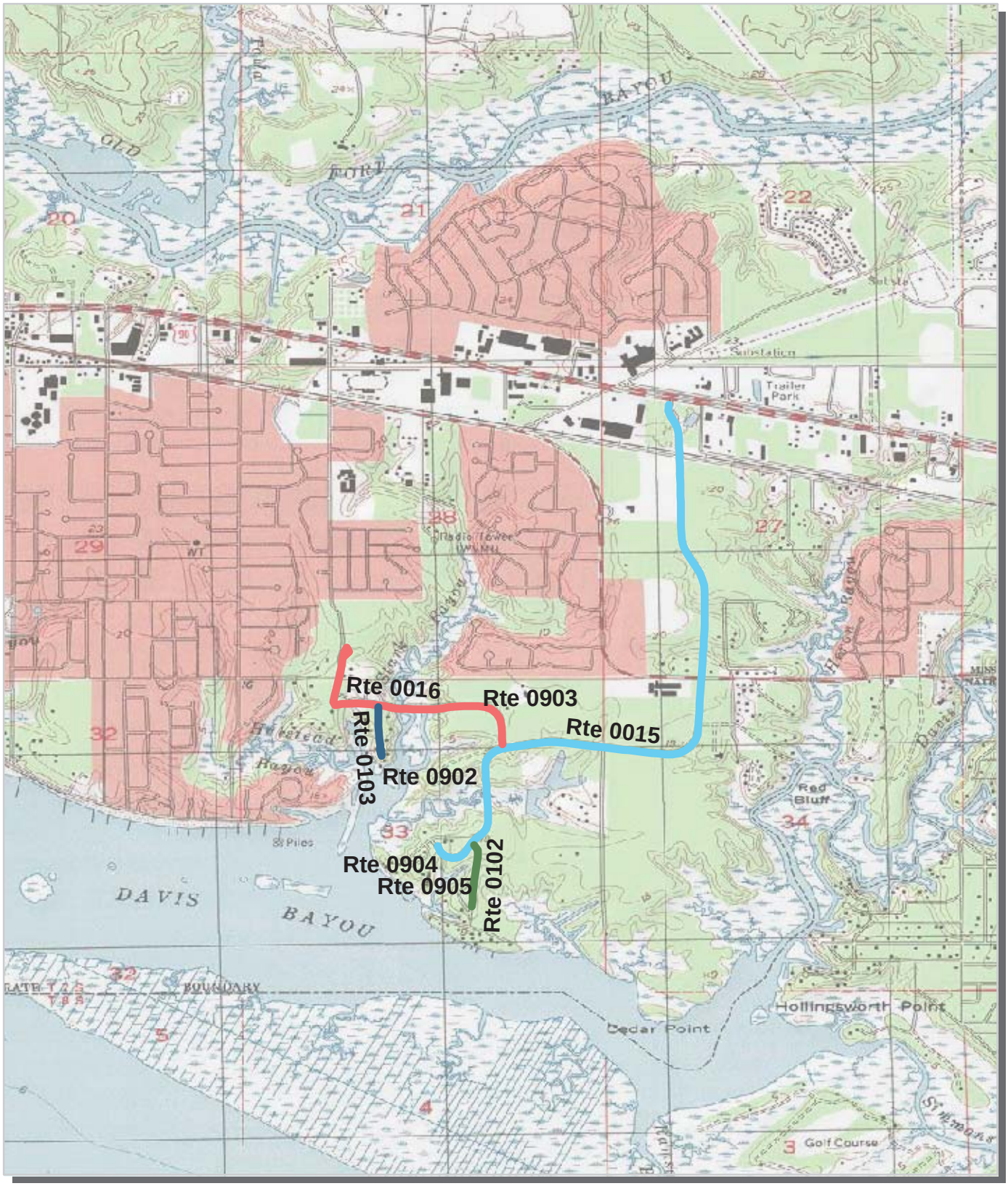


Park Owned Routes

20 10 0 20
Miles

N

Gulf Islands National Seashore
Route Location Map
Area Map 1

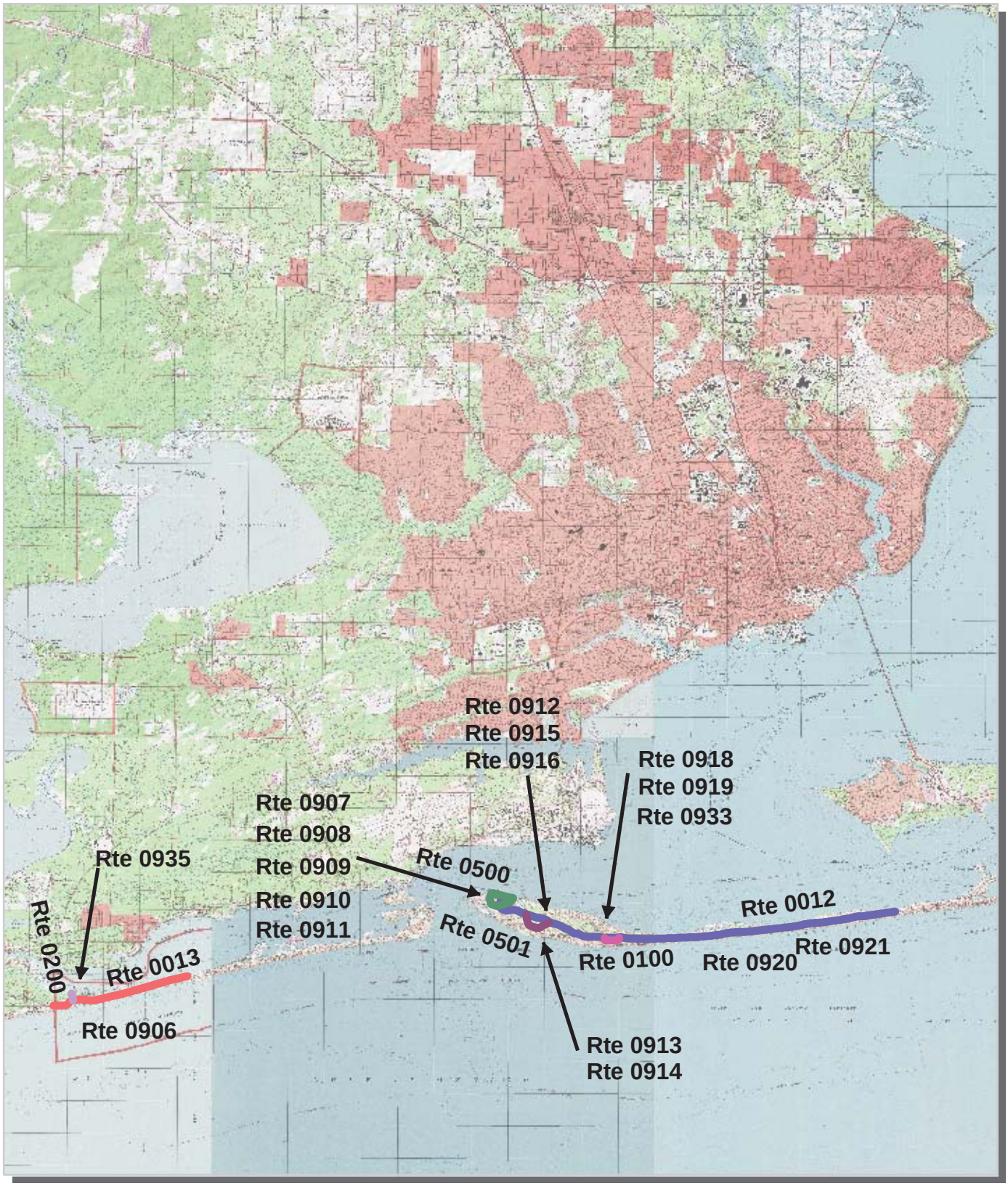


Unique colors used to differentiate routes

1 0.5 0 1 Miles

N

Gulf Islands National Seashore
Route Location Map
Area Map 2

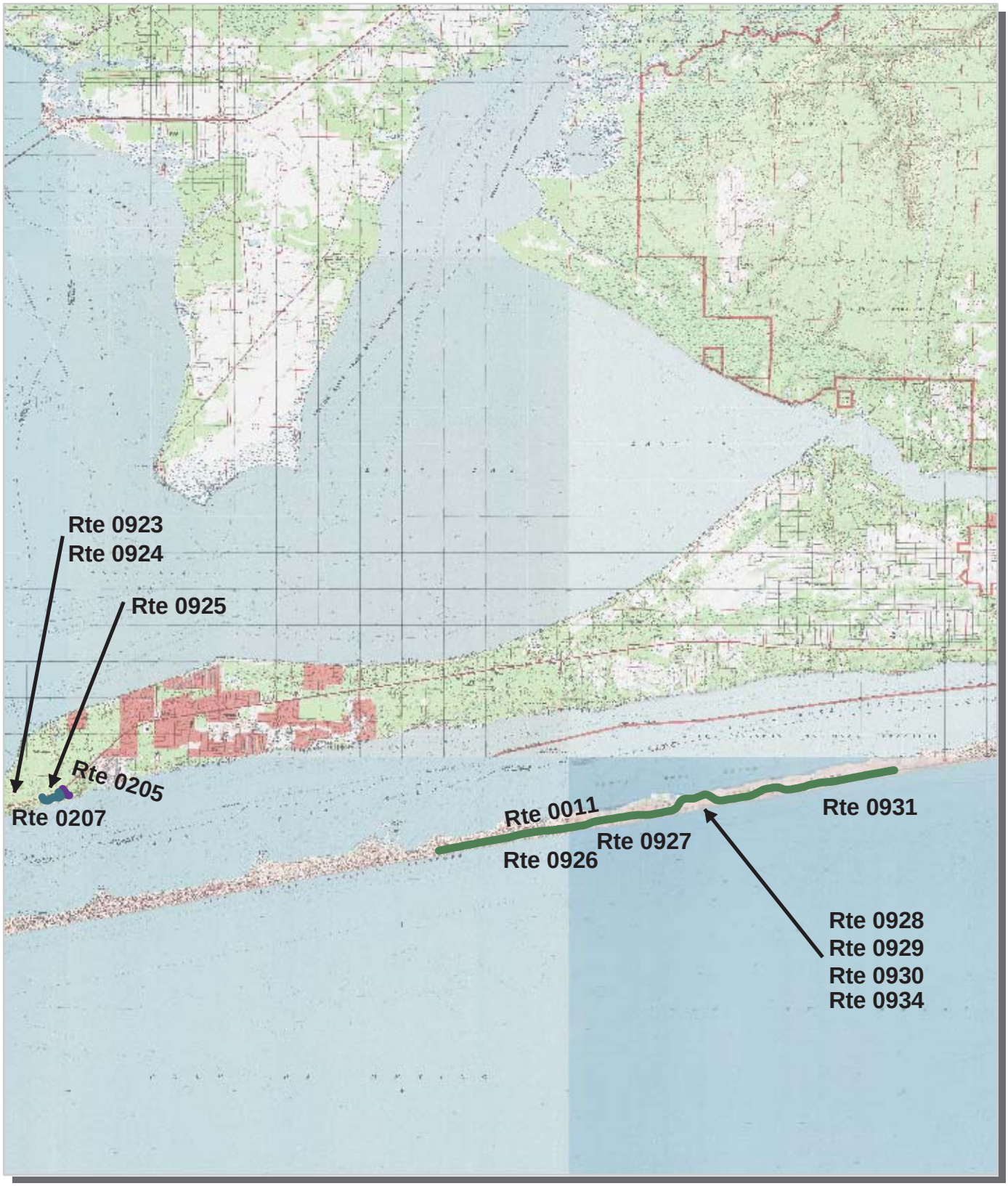


Unique colors used to differentiate routes

5 2.5 0 5 Miles

N

Gulf Islands National Seashore
Route Location Map
Area Map 3

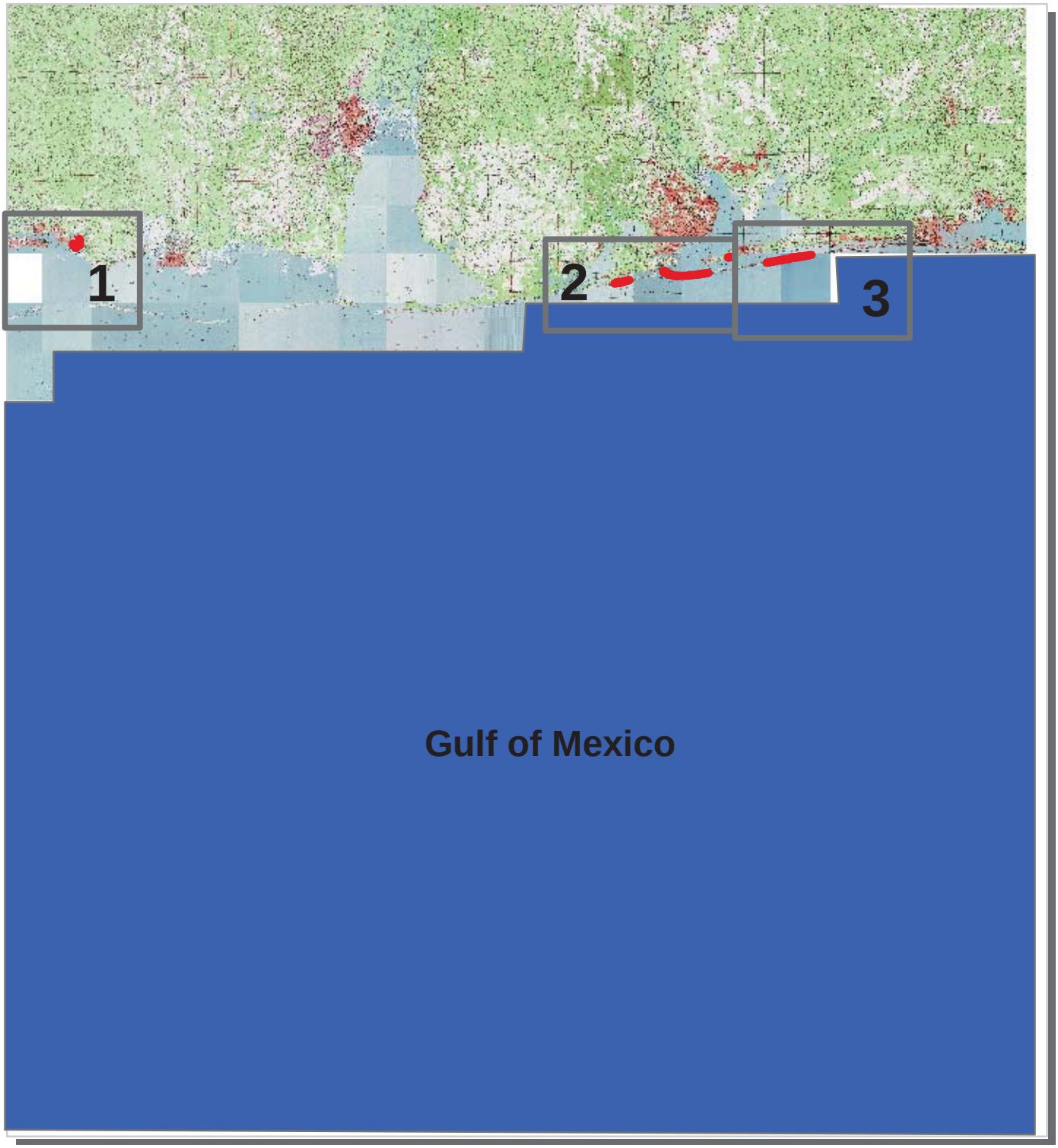


Unique values used to differentiate routes

2 1 0 2 Miles

N

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



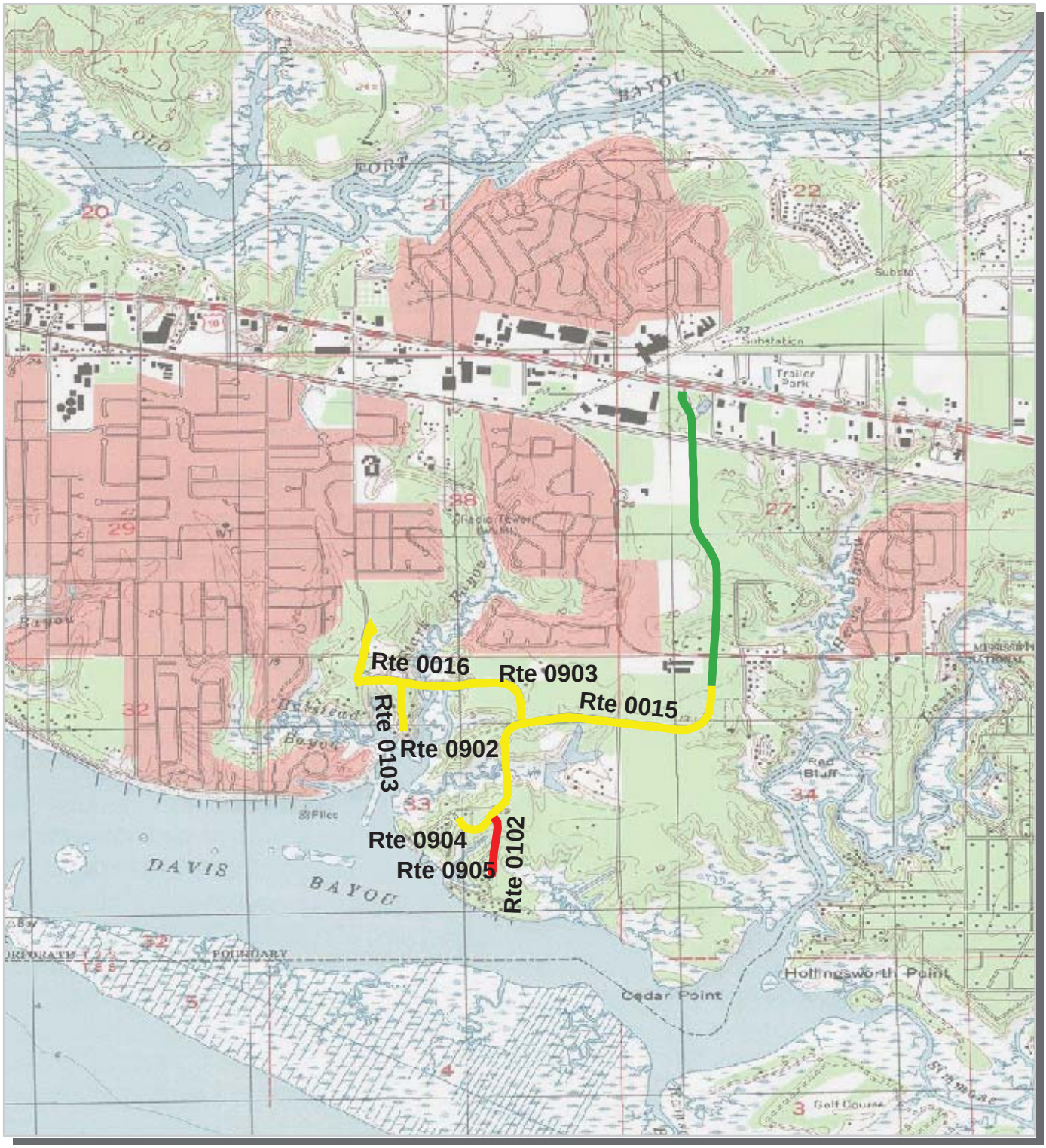
PCR	Poor	Fair	Good	Excellent
	(<=60)	(61 - 84)	(85 - 94)	(95 - 100)

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

20 10 0 20 Miles

N

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



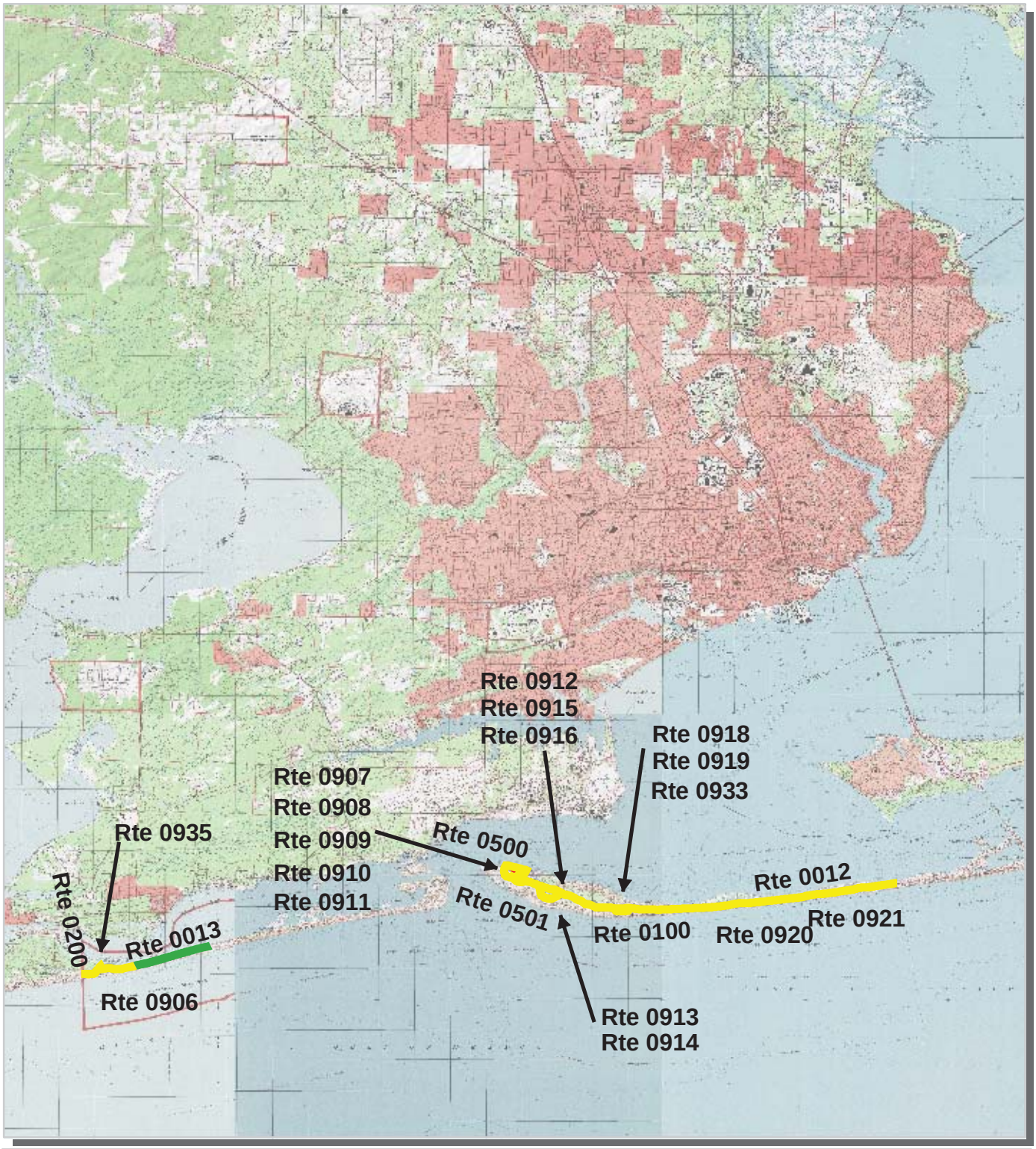
PCR	Poor	Fair	Good	Excellent
	(<=60)	(61 - 84)	(85 - 94)	(95 - 100)

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

1 0.5 0 1 Miles

N

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



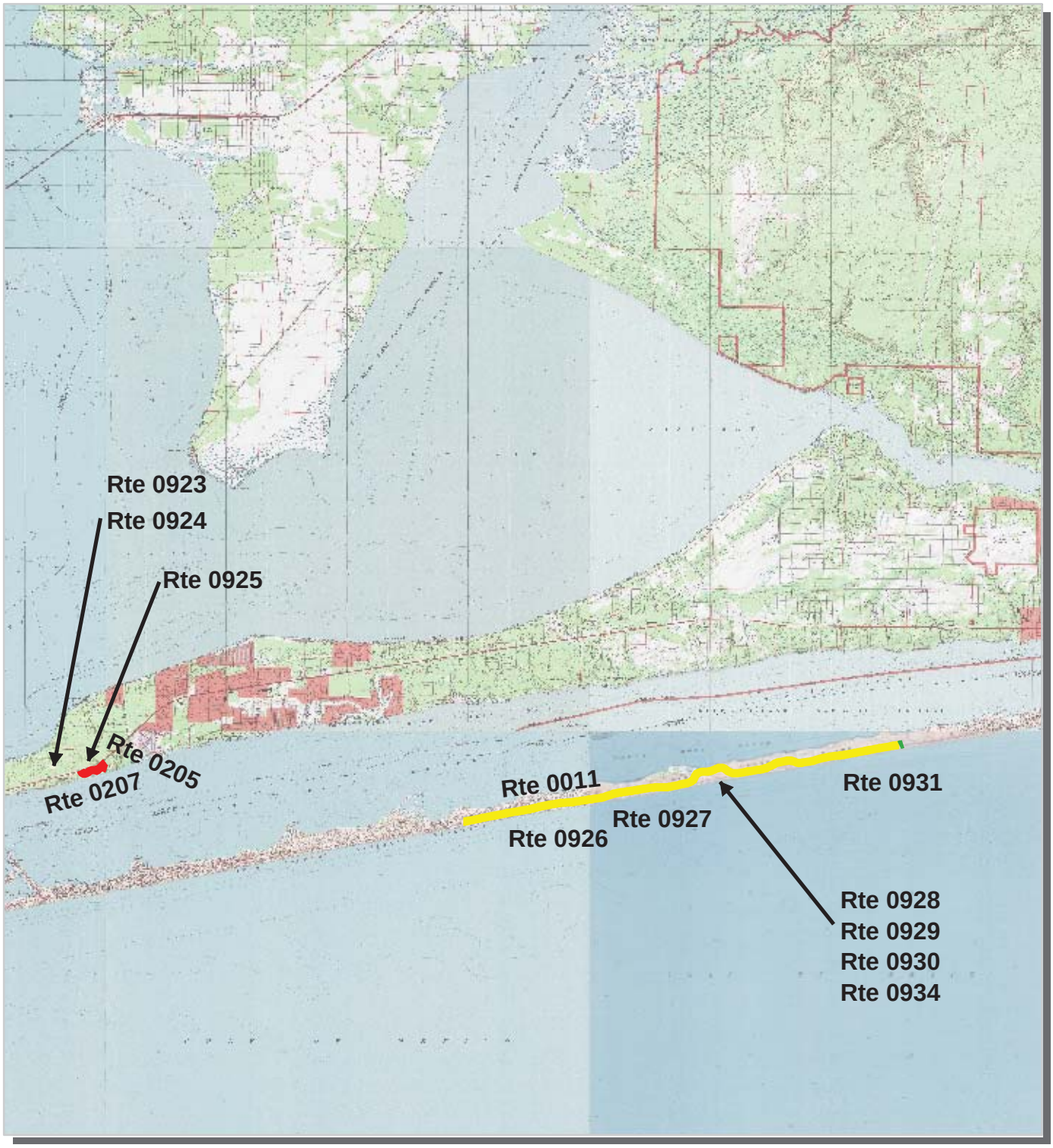
PCR | Poor (<=60) | Fair (61 - 84) | Good (85 - 94) | Excellent (95 - 100)

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

5 2.5 0 5 Miles

N

Gulf Islands National Seashore
Route Condition Area Map 3
PCR - Mile by Mile



PCR	Poor	Fair	Good	Excellent
	(<=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.

2 1 0 2 Miles

N

NPS/RIP Route ID Report

(Numerical By Route #)

Shading Color Key:
Red text denotes approx. mileage

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

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Gulf Islands National Seashore

Rte. #	FMSS Asset #	Route Name	Route Description From	Route Description To	Paved Miles	Un-Paved Miles	Rte. Lgth	Func. Class	Rte. Lanes	Manual Rated SQ/FT	Surf. Type
0011	59498	SANTA ROSA RD	FROM WEST PARK BOUNDARY	TO EAST PARK BOUNDARY	7.07	0.00	7.07	1	2	0	AS
0012	59617	FORT PICKENS ROAD	FROM EAST PARK BOUNDARY	TO SEAWALL	7.11	0.00	7.11	1	2	0	AS
0013	59556	JOHNSON BEACH ROAD	FROM PARK BOUNDARY	TO END	2.40	0.00	2.40	1	2	0	AS
0015		PARK ROAD	FROM HIGHWAY 90	TO ROUTE 0904	2.16	0.00	2.16	1	2	0	AS
0016	71274	HANLEY ROAD	FROM NORTH PARK BOUNDARY	TO ROUTE 0015 (PARK ROAD)	0.82	0.00	0.82	1	2	0	AS
0100	71280	LANGDON BEACH ACCESS	FROM ROUTE 0012 AT MP 4.95	TO ROUTE 0012 AT MP 4.7 (WEST TO EAST)	0.33	0.00	0.33	3	2	0	AS
0102	71290	Eagle Point Road	FROM ROUTE 0015	TO SOUTH PARK BOUNDARY	0.21	0.00	0.21	1	2	0	AS
0103	71295	BOAT LAUNCH ROAD	FROM ROUTE 0016	TO ROUTE 0902	0.19	0.00	0.19	3	2	0	AS
0200	72675	Nature Trail Access	FROM ROUTE 0013	TO ROUTE 0935	0.15	0.00	0.15	3	2	0	AS
0201	72738	CAMPGROUND LOOPS B-E	FROM ROUTE 0012 AT MP 5.7	THROUGH CAMPGROUND	1.37	0.00	1.37	3	1	100,901	AS
0202	72742	Campground Loop A	FROM ROUTE 0012 AT MP 5.4	TO END OF LOOP	0.34	0.00	0.34	3	1	24,985	AS
0205	72679	LIVE OAK PICNIC ACCESS	FROM US ROUTE 98	TO END OF PAVEMENT	0.18	0.00	0.18	3	2	0	AS
0206A		Davis Bayou Campground Loop A	FROM ROUTE 0016	TO ROUTE 0016	0.31	0.00	0.31	3	1	22,767	AS
0206B		Davis Bayou Campground Loop B	FROM ROUTE 0206A	TO END OF LOOP	0.13	0.00	0.13	3	1	9,314	AS
0207		HEADQUARTERS AND VISITOR CENTER ACCESS ROAD	FROM US ROUTE 98	TO US ROUTE 98 (WEST TO EAST)	0.44	0.00	0.44	3	2	0	AS
0210		NAVAL LIVE OAKS ROAD	FROM US ROUTE 98	TO ROUTE 0922 (NAVAL LIVE OAKS GROUP CAMPGROUND PARKING)	0.40	0.00	0.40	3	2	46,929	AS
0400		YACC ACCESS	FROM LANGDON PICNIC ACCESS	TO END OF PARKING AREA	0.00	0.17	0.17	4	2	0	GR
0401		FORT PICKENS DISTRICT OFFICE ROAD	FROM ROUTE 0012 AT MP 7.0, LEFT	TO END OF PAVEMENT	0.12	0.00	0.12	5	1	7,413	AS
0402		FORT PICKENS SERVICE ROAD	FROM ROUTE 0012 AT MP 7.0, RIGHT	TO ROUTE 0500 AT MP 0.4	0.14	0.00	0.14	5	1	9,060	AS
0405	72684	VFW Road	FROM ROUTE 0015 AT MP 1.05	TO PARK BOUNDARY AT T-INTERSECTION	0.09	0.00	0.09	4	2	11,785	AS
0500	72128	Fort Pickens Loop Road	FROM ROUTE 0012 EAST	TO ROUTE 0012	1.03	0.00	1.03	3	2	0	AS
0501	72683	BATTERY 234 ACCESS	FROM ROUTE 0012 AT MP 6.4	TO ROUTE 0012 AT MP 6.0	0.62	0.00	0.62	3	2	0	AS
0700	72681	Fort Pickens YCC Access Road (Carpenter Shop Road)	From	To	0.00	0.18	0.18	ZZ	2	0	GR
0701	81801	Fort Pickens Group Camping Access Road	From	To	0.00	0.15	0.15	ZZ	2	0	GR
0702	81802	Naval Live Oaks Primitive Picnic Area Access Road	From	To	0.00	0.18	0.18	ZZ	2	0	GR
0902		Boat Dock Parking	AT END OF ROUTE 0103		0.00	0.00	0.00	9		23,776	AS
0903	72700	Davis Bayou Manintenance	ADJACENT TO ROUTE 0016		0.00	0.00	0.00	9		51,522	AS

NPS/RIP Route ID Report

(Numerical By Route #)

Shading Color Key:
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Gulf Islands National Seashore

Rte. #	FMSS Asset #	Route Name	Route Description From	Route Description To	Paved Miles	Un-Paved Miles	Rte. Lgth	Func. Class	Rte. Lanes	Manual Rated SQ/FT	Surf. Type
0904	72702	Ranger Station & Visitor Parking	AT END OF ROUTE 0015		0.00	0.00	0.00	9		88,497	AS
0905	72704	Government Boat Dock	FROM ROUTE 0015	TO BOAT DOCK	0.00	0.00	0.00	9		20,916	AS
0906	72706	Rosamond Johnson Beach Access	FROM ROUTE 0013	TO BEACH	0.00	0.00	0.00	9		153,113	AS
0907	72708	Fort Pickens District Office Parking	ADJACENT TO ROUTE 0012 AT MP 7.0 ON LEFT AND RIGHT		0.00	0.00	0.00	9		22,509	AS
0908	72710	Fort Pickens Information Center	ADJACENT TO ROUTE 0500		0.00	0.00	0.00	9		38,063	AS
0909	72711	Battery Truman Parking	ADJACENT TO ROUTE 0500		0.00	0.00	0.00	9		3,351	AS
0910		HEAD PARKING	ADJACENT TO ROUTE 0500		0.00	0.00	0.00	9		2,583	AS
0911	72717	Battery Payne Parking	ADJACENT TO ROUTE 0500		0.00	0.00	0.00	9		3,842	AS
0912	72720	Graves Parking	ADJACENT TO ROUTE 0012 AT MP 6.4		0.00	0.00	0.00	9		5,210	AS
0913	72722	Battery 234 Parking	ADJACENT TO ROUTE 0501		0.00	0.00	0.00	9		3,605	AS
0914	72728	Battery Cooper Parking	ADJACENT TO ROUTE 0501		0.00	0.00	0.00	9		3,356	AS
0915	72731	Battery Worth Picnic Access Parking	ADJACENT TO ROUTE 0012 AT MP 6.0 ON RIGHT		0.00	0.00	0.00	9		76,886	AS
0916		Campground Store Parking	ADJACENT TO ROUTE 0012 AND ROUTE 0201		0.00	0.00	0.00	9		12,378	AS
0918	72745	Langdon Beach Parking	ADJACENT TO ROUTE 0100 ON LEFT AND RIGHT		0.00	0.00	0.00	9		23,063	AS
0919		Campground Registration/ Ranger Station Complex	ADJACENT TO ROUTE 0012 AT MP 4.5		0.00	0.00	0.00	9		45,163	AS
0920	72756	Public Beach Parking # 22	ADJACENT TO ROUTE 0012 AT MP 2.8		0.00	0.00	0.00	9		12,714	AS
0921	72766	Public Beach parking # 21	ADJACENT TO ROUTE 0012 AT MP 1.5		0.00	0.00	0.00	9		12,629	AS
0922	72773	Naval Live Oaks Group Campground Parking	AT END OF TO ROUTE 0210		0.00	0.00	0.00	9		13,821	AS
0923	72781	Naval Live Oaks Maintenance Parking	ADJACENT TO ROUTE 0210		0.00	0.00	0.00	9		18,822	AS
0924	72783	Naval Live Oaks Maintenance Complex	ADJACENT TO ROUTE 0923		0.00	0.00	0.00	9		48,644	AS
0925	72784	Headquarters & Visitors Center Parking	ADJACENT TO ROUTE 0207 ON LEFT AND RIGHT		0.00	0.00	0.00	9		57,011	AS
0926	72786	Public Beach Parking # 10	ADJACENT TO ROUTE 0011 AT MP 1.3		0.00	0.00	0.00	9		19,835	AS
0927	72787	Public Beach Parking # 9	ADJACENT TO ROUTE 0011 AT MP 2.5		0.00	0.00	0.00	9		19,813	AS
0928	72789	Opal Beach Access (West)	ADJACENT TO ROUTE 0011 AT MP 3.6		0.00	0.00	0.00	9		93,120	AS
0929	72791	Public Parking #8	ADJACENT TO ROUTE 0011 AT MP 3.9		0.00	0.00	0.00	9		20,598	AS
0930	72793	Opal Beach Access (East)	ADJACENT TO ROUTE 0011 AT MP 4.2		0.00	0.00	0.00	9		134,956	AS

NPS/RIP Route ID Report

(Numerical By Route #)

Shading Color Key:
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White = Paved Routes, ARAN Driven	Yellow = Unpaved Routes, ARAN not Driven	Blue = All Paved Parking Areas
Grey = Paved Routes, ARAN not Driven	Red =	Green = All Unpaved Parking Areas
Black = Paved State, Local or Private non-NPS Routes, ARAN Driven	Purple =	

GUIS

Gulf Islands National Seashore

Rte. #	FMSS Asset #	Route Name	Route Description From	To	Paved Miles	Un-Paved Miles	Rte. Lgth	Func. Class	Rte. Lanes	Manual Rated SQ/FT	Surf. Type
0931	72795	Public Beach Parking # 1	ADJACENT TO ROUTE 0011 AT MP 5.9		0.00	0.00	0.00	9		19,988	AS
0932	72796	Fort Walton Beach Parking	FROM US ROUTE 98	TO MARINA	0.00	0.00	0.00	9		95,776	AS
0933		BATTERY LANGEON PARKING	ADJACENT TO ROUTE 0012 AT MP 4.9		0.00	0.00	0.00	9		7,140	AS
0934		OPAL BEACH MAINTENANCE PARKING	NEAR ROUTE 0928		0.00	0.00	0.00	9		7,282	AS
0935	59589	NATURE TRAIL PARKING	AT END OF ROUTE 0200		0.00	0.00	0.00	9		8,866	AS
				Totals:	25.60	0.69	**26.29**			1,401,999	

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 Invetoried 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.

Class 9 Boat Ramp - (Public and Administrative) Route Numbers 800-899.
Parking Area - (Public and Administrative) Route Numbers 900-1999.

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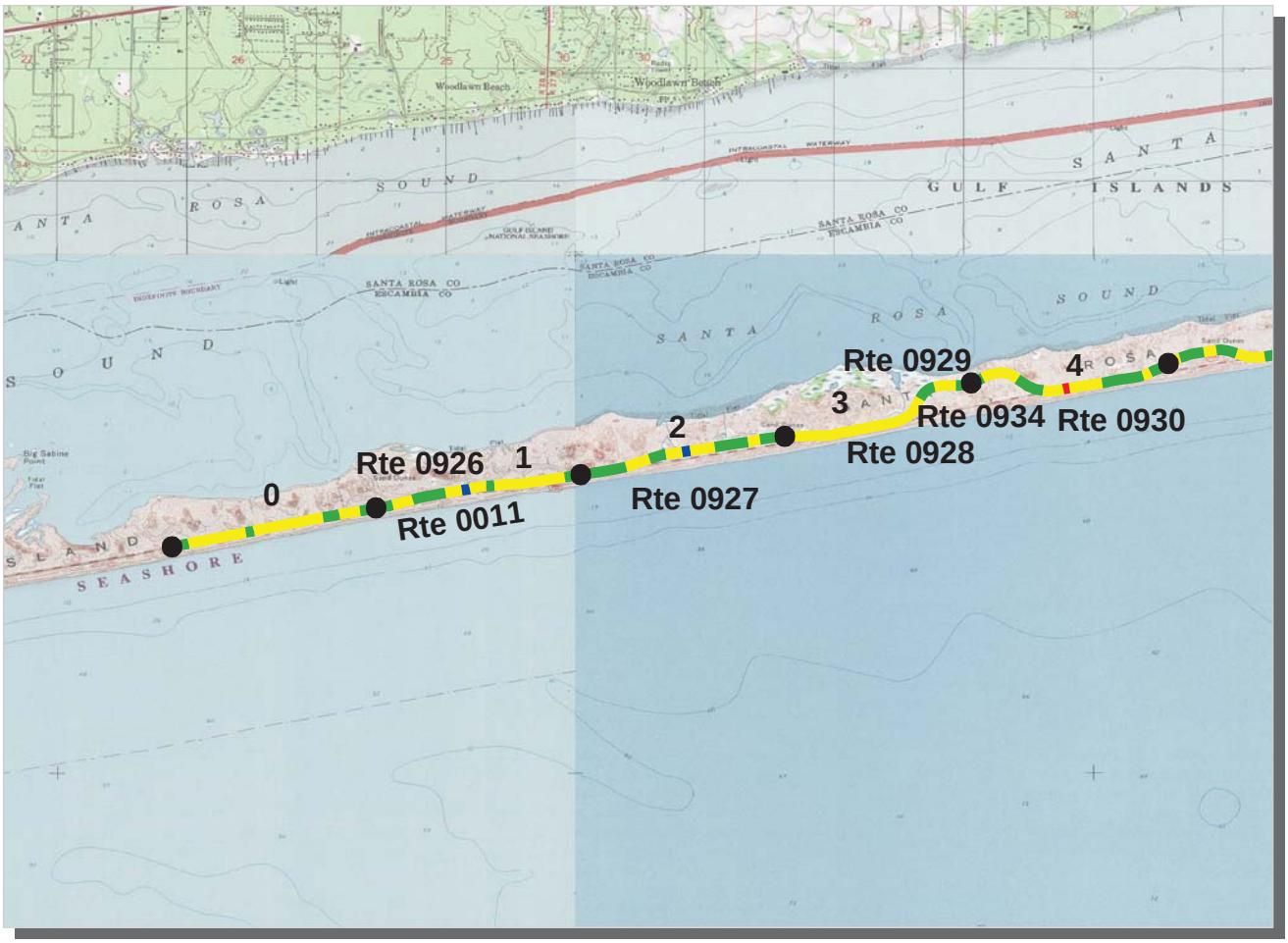
A park road system contains those roads within or giving access to a park or other unit of the NPS which are administered by the NPS, or by the Service in cooperation with other agencies. The assignment of a functional classification (FC) to a park road is not based on traffic volumes or design speed,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

ZZ Functional Class Routes were added from FMSS Database. Final Route Number and Functional Class will be established during Park visit for Cycle 4 data collection.

Surface Type Abbreviations:

AS - Asphaltic Concrete Pavement
CO - Portland Cement Concrete Pavement
NC - New Chip Seal Pavement (Under 5 Years)
OC - Old Chip Seal Pavement (5 Years and Greater)
SS - Slurry Seal Pavement
GR - Gravel Road Bed
BR - Brick or Pavers Road Bed
CB - Cobble Stone Road Bed
SA - Sand Road Bed
DT - Dirt or Native Material Road Bed
OT - Other Materials Road Bed



PCR	Poor	Fair	Good	Excellent
	(<=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.

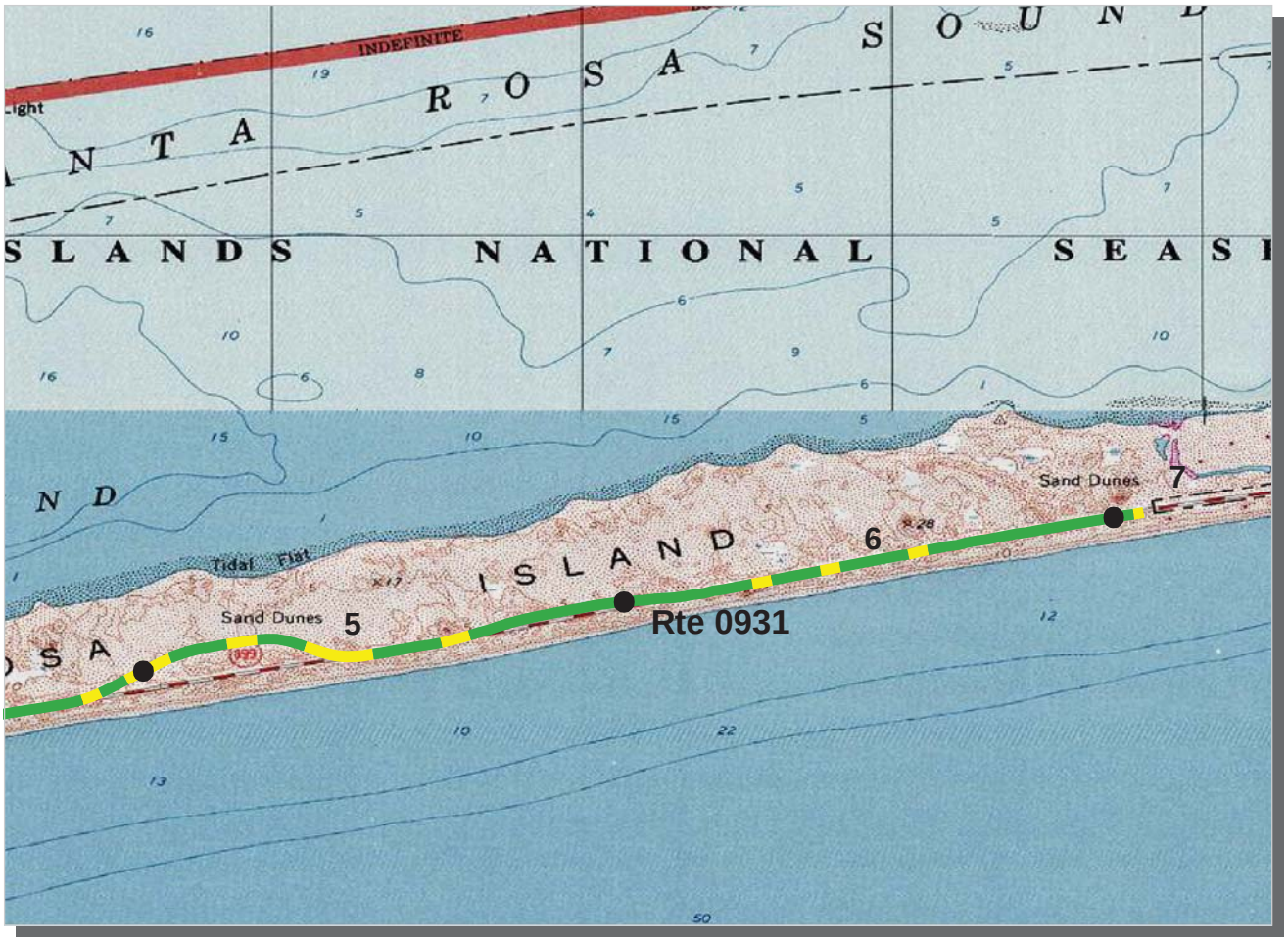
Southeast Region
GUIS : Gulf Islands National Seashore

ROUTE: 0011 Santa Rosa Rd **TOTAL LENGTH: 7.07 Miles**

Section Number	0	5	2	3	4
Section Length (mi)	1.00	1.00	1.00	1.00	1.00
AADT	**				
SADT	**				
ADT Date	**				
Cross Section Information					
Number of Lanes	2	2	2	2	2
Paved Width (ft)	24	24	22	25	23
Lane Width (ft)	12	12	12	12	12
Shoulder Width (ft)	9	7	0	4	0
Roadway Condition Information					
PCR (Pavement Condition Rating)	76	81	80	82	83
RCI (Roughness Condition Index)	100	99	100	100	98
SCR (Surface Condition Rating)	64	69	71	74	73
Alligator Cracking Index	100	100	100	100	100
Rutting Index	64	69	71	74	73
Patching Index	100	100	100	100	100
Tranverse Cracking Index	100	100	100	100	99
Longitudinal Cracking Index	100	100	100	100	99
Shoulder Condition Rating	N/C	N/C	N/A	N/C	N/A
Drainage Condition Rating	N/C	N/C	N/C	N/C	N/C

* NC designates data not collected NA designates not applicable

** See website for traffic data: http://www.efl.fhwa.dot.gov/nps/index.htm



PCR	Poor	Fair	Good	Excellent
	(<=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.

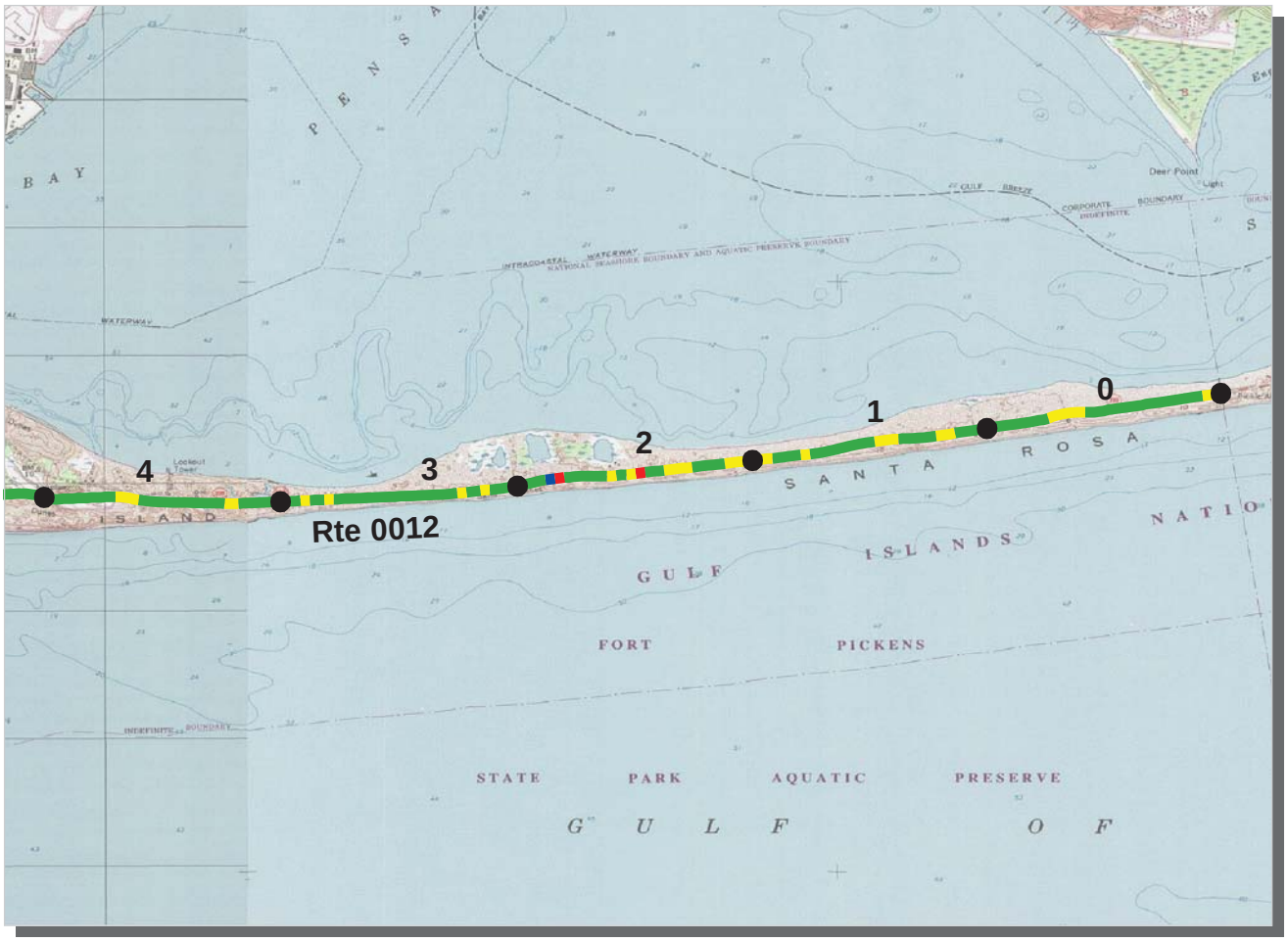
Southeast Region
GUIS : Gulf Islands National Seashore

ROUTE: 0011 Santa Rosa Rd **TOTAL LENGTH: 7.07 Miles**

Section Number	5	6	7		
Section Length (mi)	1.00	1.00	0.07		
AADT	**				
SADT	**				
ADT Date	**				
Cross Section Information					
Number of Lanes	2	2	2		
Paved Width (ft)	24	24	24		
Lane Width (ft)	12	12	12		
Shoulder Width (ft)	7	5	3		
Roadway Condition Information					
PCR (Pavement Condition Rating)	81	83	85		
RCI (Roughness Condition Index)	99	100	98		
SCR (Surface Condition Rating)	69	75	81		
Alligator Cracking Index	100	100	100		
Rutting Index	69	75	81		
Patching Index	100	100	100		
Tranverse Cracking Index	100	100	100		
Longitudinal Cracking Index	100	100	100		
Shoulder Condition Rating	N/C	N/C	N/C		
Drainage Condition Rating	N/C	N/C	N/C		

* NC designates data not collected NA designates not applicable

** See website for traffic data: http://www.efl.fhwa.dot.gov/nps/index.htm



PCR Poor (<=60) Fair (61 - 84) Good (85 - 94) Excellent (95 - 100)

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

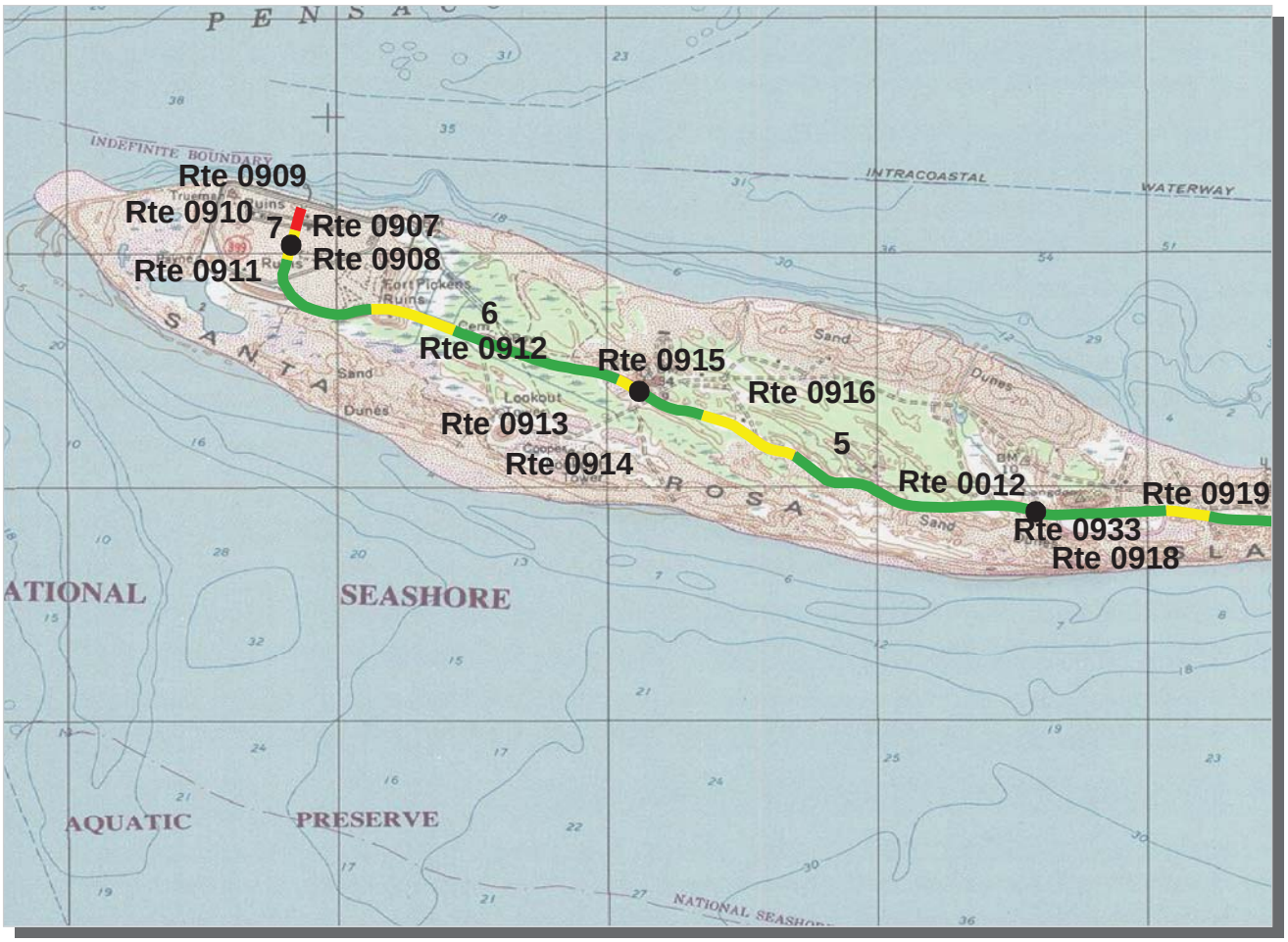
Southeast Region
GUIS : Gulf Islands National Seashore

ROUTE: 0012 Fort Pickens Road **TOTAL LENGTH: 7.11 Miles**

Section Number	0	1	2	3	4
Section Length (mi)	1.00	1.00	1.00	1.00	1.00
AADT	**				
SADT	**				
ADT Date	**				
Cross Section Information					
Number of Lanes	2	2	2	2	2
Paved Width (ft)	21	21	22	25	23
Lane Width (ft)	12	12	12	12	12
Shoulder Width (ft)	6	0	0	4	0
Roadway Condition Information					
PCR (Pavement Condition Rating)	80	81	80	82	83
RCI (Roughness Condition Index)	99	100	100	100	98
SCR (Surface Condition Rating)	71	70	71	74	73
Alligator Cracking Index	100	100	100	100	100
Rutting Index	72	71	71	74	73
Patching Index	99	99	100	100	100
Tranverse Cracking Index	100	100	100	100	99
Longitudinal Cracking Index	100	99	100	100	99
Shoulder Condition Rating	N/C	N/A	N/A	N/C	N/A
Drainage Condition Rating	N/C	N/C	N/C	N/C	N/C

* NC designates data not collected NA designates not applicable

** See website for traffic data: http://www.efl.fhwa.dot.gov/nps/index.htm



PCR	Poor	Fair	Good	Excellent
	(<=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.

Southeast Region
GUIS : Gulf Islands National Seashore

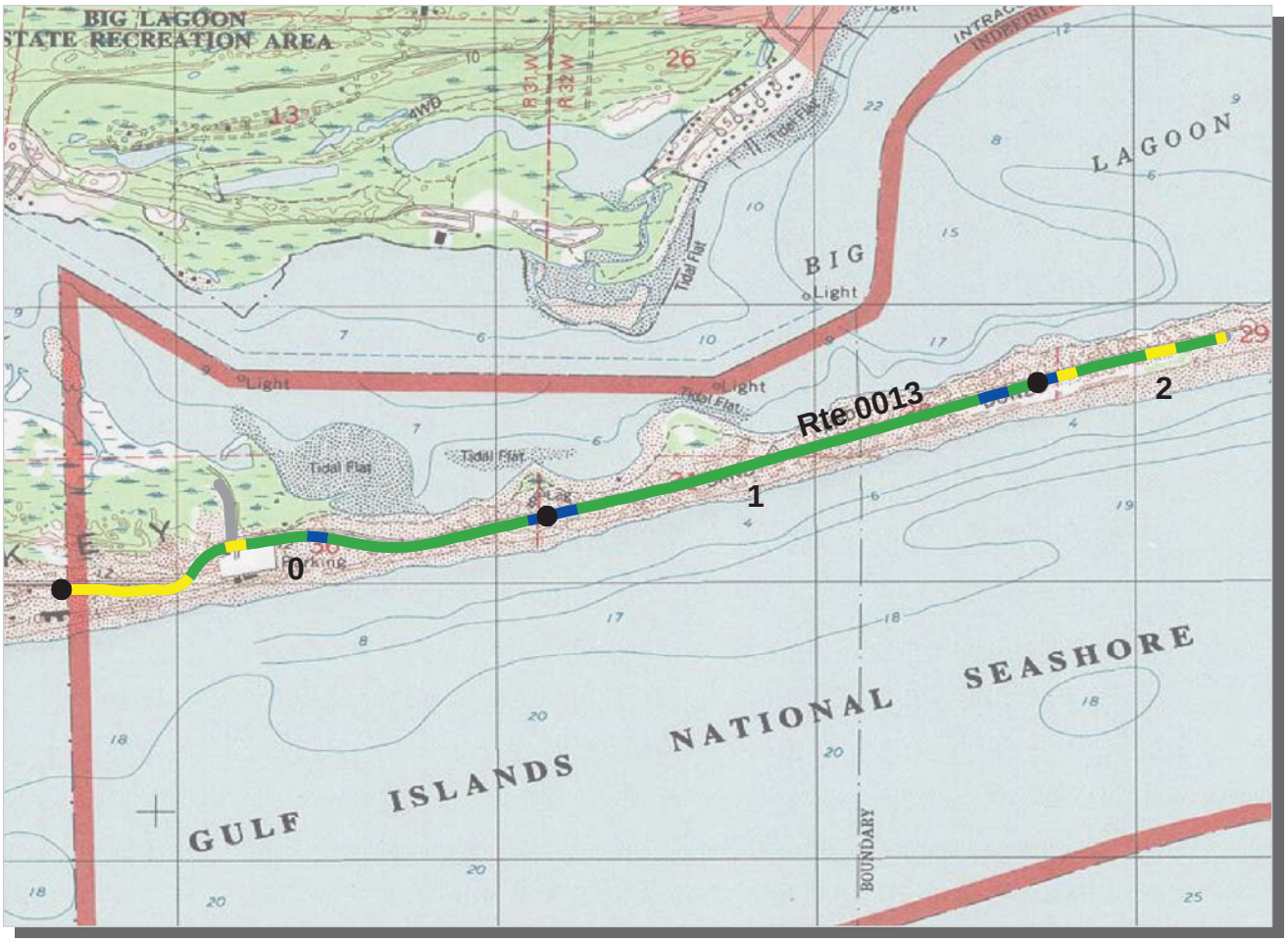
ROUTE: 0012 Fort Pickens Road **TOTAL LENGTH: 7.11 Miles**

Section Number	5	6	7		
Section Length (mi)	1.00	1.00	0.11		
AADT	**				
SADT	**				
ADT Date	**				
Cross Section Information					
Number of Lanes	2	2	2		
Paved Width (ft)	24	21	22		
Lane Width (ft)	12	10	10		
Shoulder Width (ft)	0	0	0		
Roadway Condition Information					
PCR (Pavement Condition Rating)	82	82	56		
RCI (Roughness Condition Index)	97	96	76		
SCR (Surface Condition Rating)	72	73	52		
Alligator Cracking Index	100	100	100		
Rutting Index	72	73	52		
Patching Index	100	100	100		
Tranverse Cracking Index	100	100	100		
Longitudinal Cracking Index	100	100	100		
Shoulder Condition Rating	N/A	N/A	N/A		
Drainage Condition Rating	N/C	N/C	N/C		

* NC designates data not collected NA designates not applicable

** See website for traffic data: http://www.efl.fhwa.dot.gov/nps/index.htm

ROUTE: 0012 Fort Pickens Road



PCR Poor (<=60) Fair (61 - 84) Good (85 - 94) Excellent (95 - 100)

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

Southeast Region

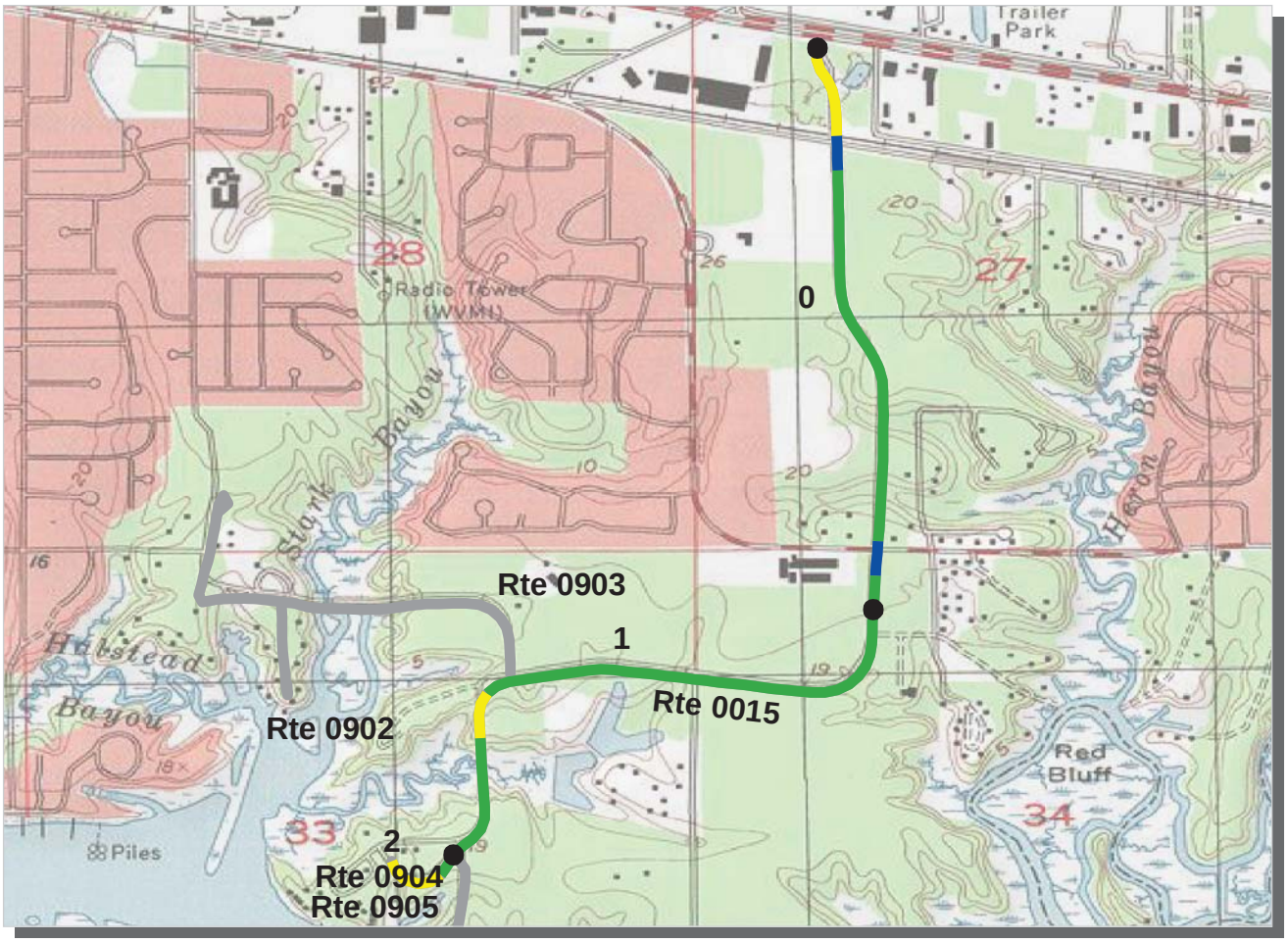
GUIS : Gulf Islands National Seashore

ROUTE: 0013 Johnson Beach Road **TOTAL LENGTH: 2.40 Miles**

Section Number	0	1	2		
Section Length (mi)	1.00	1.00	0.40		
AADT	**				
SADT	**				
ADT Date	**				
Cross Section Information					
Number of Lanes	2	2	2		
Paved Width (ft)	21	24	25		
Lane Width (ft)	10	12	12		
Shoulder Width (ft)	6	9	0		
Roadway Condition Information					
PCR (Pavement Condition Rating)	84	88	85		
RCI (Roughness Condition Index)	97	99	94		
SCR (Surface Condition Rating)	79	80	78		
Alligator Cracking Index	100	100	100		
Rutting Index	80	80	78		
Patching Index	100	100	100		
Tranverse Cracking Index	99	100	100		
Longitudinal Cracking Index	100	100	100		
Shoulder Condition Rating	N/C	N/C	N/A		
Drainage Condition Rating	N/C	N/C	N/C		

* NC designates data not collected NA designates not applicable

** See website for traffic data: http://www.efl.fhwa.dot.gov/nps/index.htm



PCR Poor (<=60) Fair (61 - 84) Good (85 - 94) Excellent (95 - 100)

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

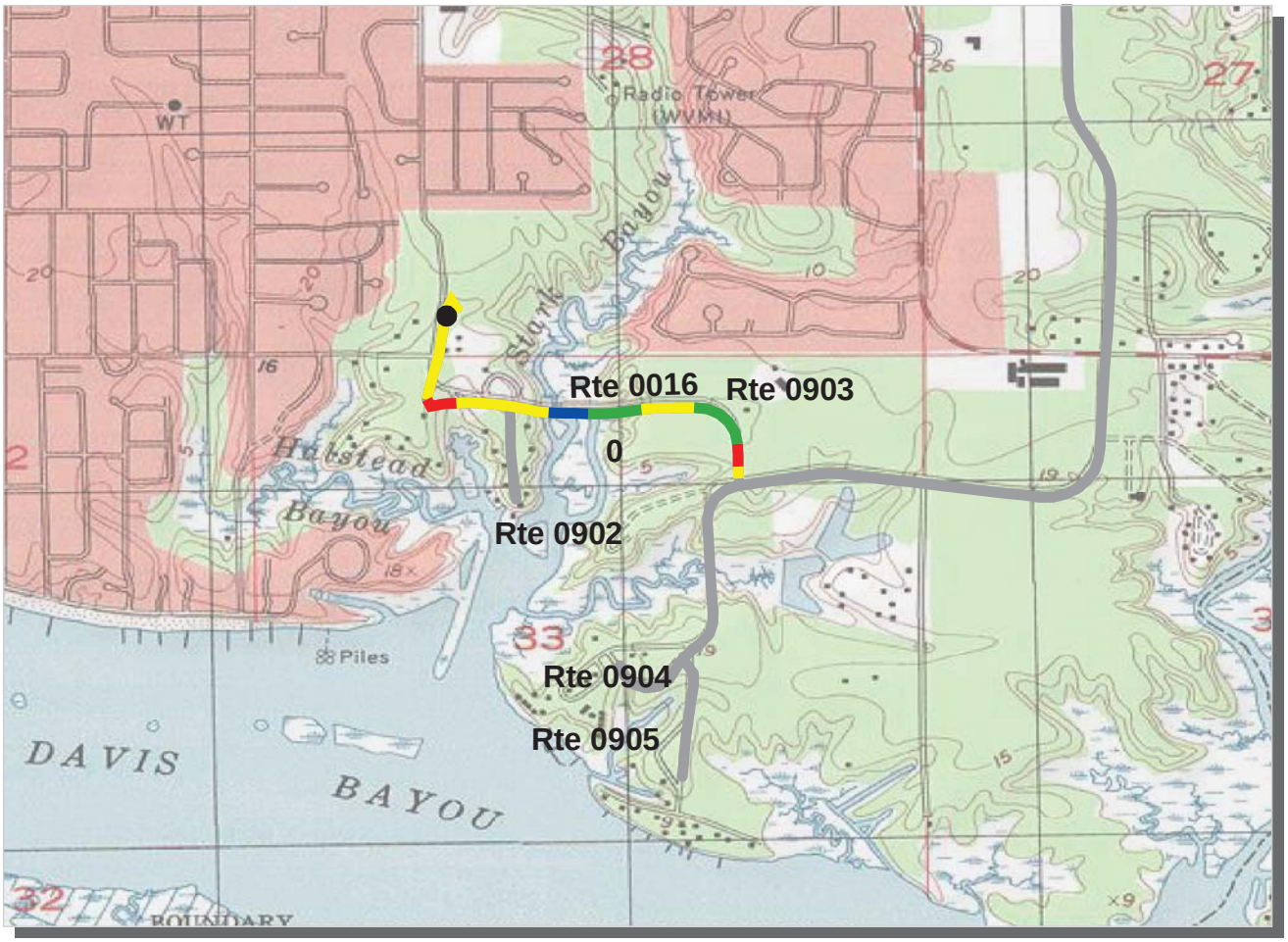
Southeast Region
GUIS : Gulf Islands National Seashore

ROUTE: 0015 Park Road **TOTAL LENGTH: 2.16 Miles**

Section Number	0	1	2		
Section Length (mi)	1.00	1.00	0.16		
AADT	**				
SADT	**				
ADT Date	**				
Cross Section Information					
Number of Lanes	1	2	2		
Paved Width (ft)	12	23	22		
Lane Width (ft)	12	12	11		
Shoulder Width (ft)	0	0	0		
Roadway Condition Information					
PCR (Pavement Condition Rating)	86	83	69		
RCI (Roughness Condition Index)	97	97	90		
SCR (Surface Condition Rating)	79	75	62		
Alligator Cracking Index	100	100	100		
Rutting Index	79	75	62		
Patching Index	100	100	100		
Tranverse Cracking Index	100	99	100		
Longitudinal Cracking Index	100	100	100		
Shoulder Condition Rating	N/A	N/A	N/A		
Drainage Condition Rating	N/C	N/C	N/C		

* NC designates data not collected NA designates not applicable

** See website for traffic data: http://www.efl.fhwa.dot.gov/nps/index.htm



PCR	Poor	Fair	Good	Excellent
	(<=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.

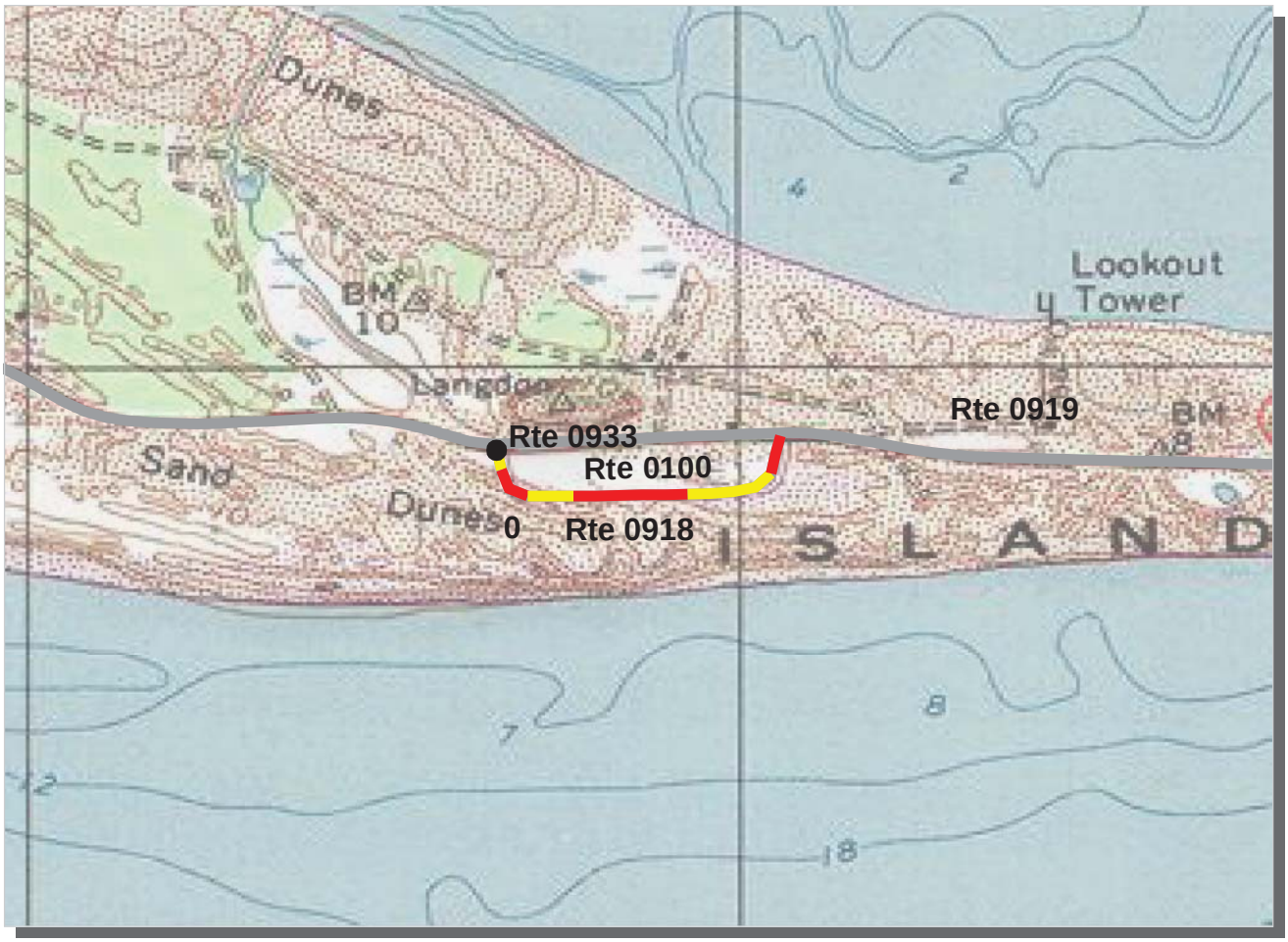
Southeast Region
GUIS : Gulf Islands National Seashore

ROUTE: 0016 Hanley Road **TOTAL LENGTH: 0.82 Miles**

Section Number	0				
Section Length (mi)	0.82				
AADT	**				
SADT	**				
ADT Date	**				
Cross Section Information					
Number of Lanes	1				
Paved Width (ft)	10				
Lane Width (ft)	10				
Shoulder Width (ft)	0				
Roadway Condition Information					
PCR (Pavement Condition Rating)	76				
RCI (Roughness Condition Index)	86				
SCR (Surface Condition Rating)	73				
Alligator Cracking Index	100				
Rutting Index	73				
Patching Index	100				
Tranverse Cracking Index	99				
Longitudinal Cracking Index	100				
Shoulder Condition Rating	N/A				
Drainage Condition Rating	N/C				

* NC designates data not collected NA designates not applicable

** See website for traffic data: http://www.efl.fhwa.dot.gov/nps/index.htm



PCR	Poor	Fair	Good	Excellent
	(<=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.

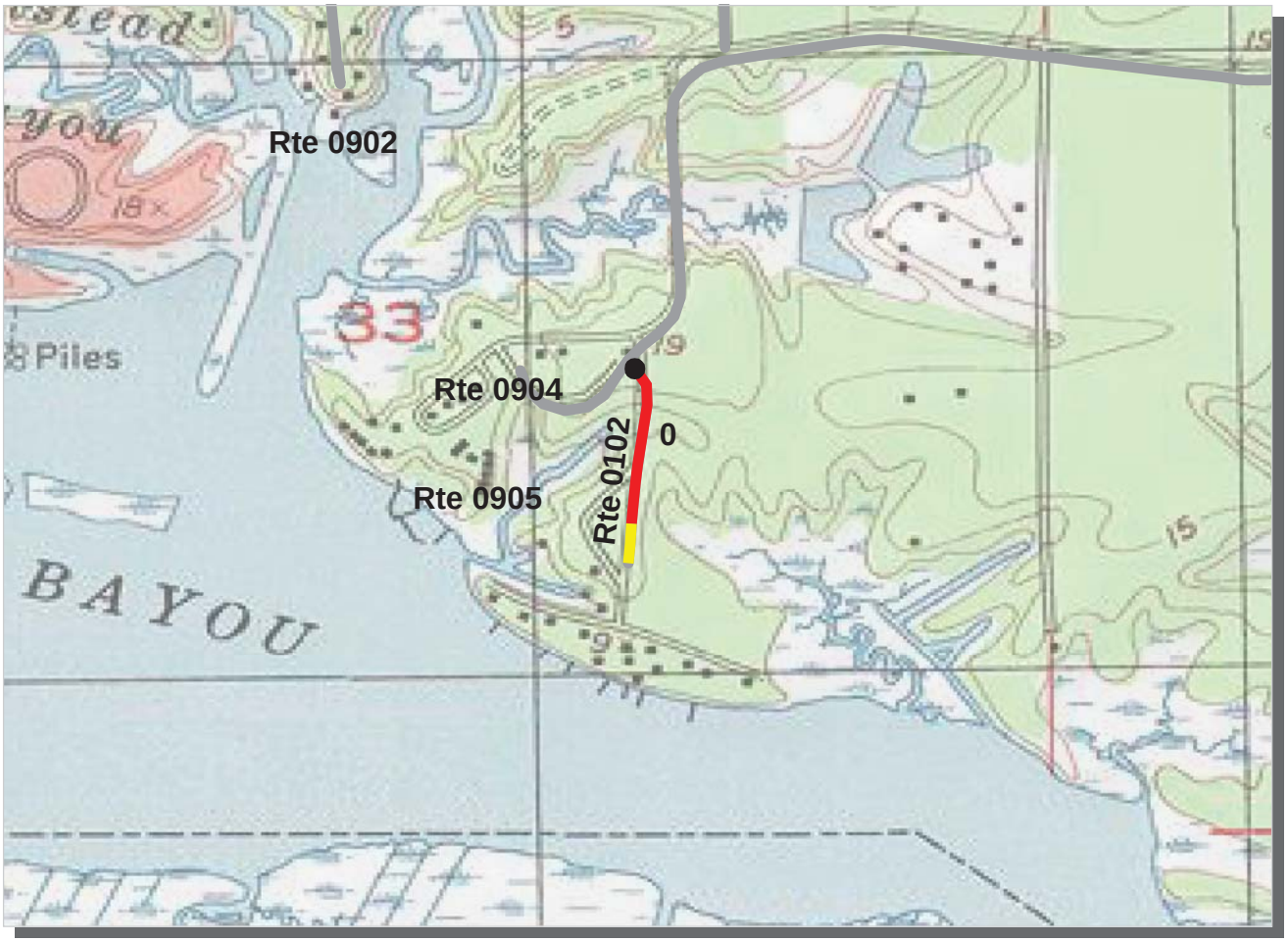
Southeast Region
GUIS : Gulf Islands National Seashore

ROUTE: 0100 Langdon Beach Access **TOTAL LENGTH: 0.33 Miles**

Section Number	0				
Section Length (mi)	0.33				
AADT	**				
SADT	**				
ADT Date	**				
Cross Section Information					
Number of Lanes	2				
Paved Width (ft)	21				
Lane Width (ft)	10				
Shoulder Width (ft)	0				
Roadway Condition Information					
PCR (Pavement Condition Rating)	61				
RCI (Roughness Condition Index)	90				
SCR (Surface Condition Rating)	50				
Alligator Cracking Index	100				
Rutting Index	56				
Patching Index	100				
Tranverse Cracking Index	97				
Longitudinal Cracking Index	96				
Shoulder Condition Rating	N/A				
Drainage Condition Rating	N/C				

* NC designates data not collected NA designates not applicable

** See website for traffic data: http://www.efl.fhwa.dot.gov/nps/index.htm



PCR	Poor	Fair	Good	Excellent
	(<=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.

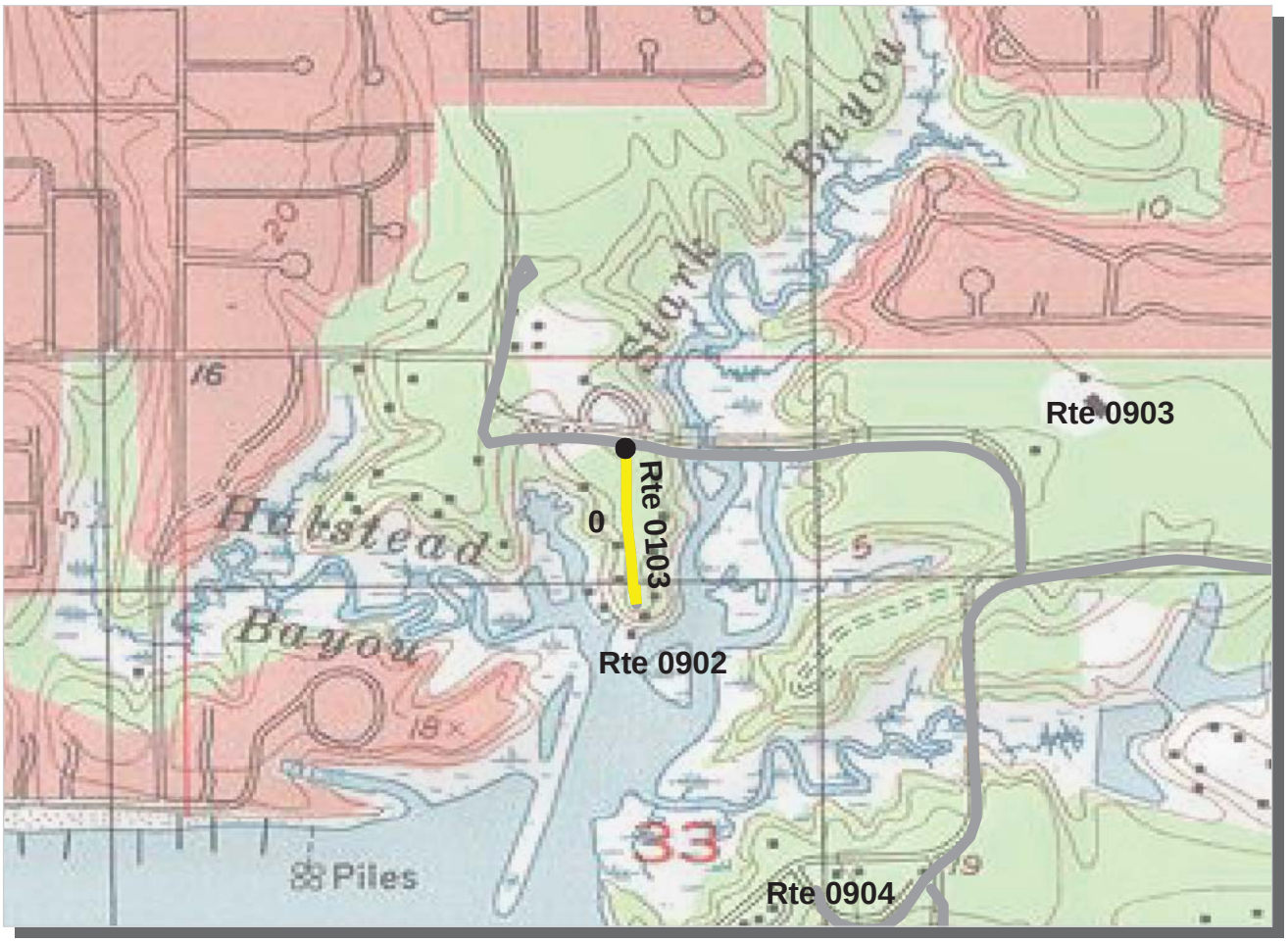
Southeast Region
GUIS : Gulf Islands National Seashore

ROUTE: 0102 Eagle Point Road **TOTAL LENGTH: 0.21 Miles**

Section Number	0				
Section Length (mi)	0.21				
AADT	**				
SADT	**				
ADT Date	**				
Cross Section Information					
Number of Lanes	2				
Paved Width (ft)	16				
Lane Width (ft)	8				
Shoulder Width (ft)	0				
Roadway Condition Information					
PCR (Pavement Condition Rating)	33				
RCI (Roughness Condition Index)	80				
SCR (Surface Condition Rating)	20				
Alligator Cracking Index	88				
Rutting Index	58				
Patching Index	86				
Tranverse Cracking Index	94				
Longitudinal Cracking Index	92				
Shoulder Condition Rating	N/A				
Drainage Condition Rating	N/C				

* NC designates data not collected NA designates not applicable

** See website for traffic data: http://www.efl.fhwa.dot.gov/nps/index.htm



PCR	Poor	Fair	Good	Excellent
	(<=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.

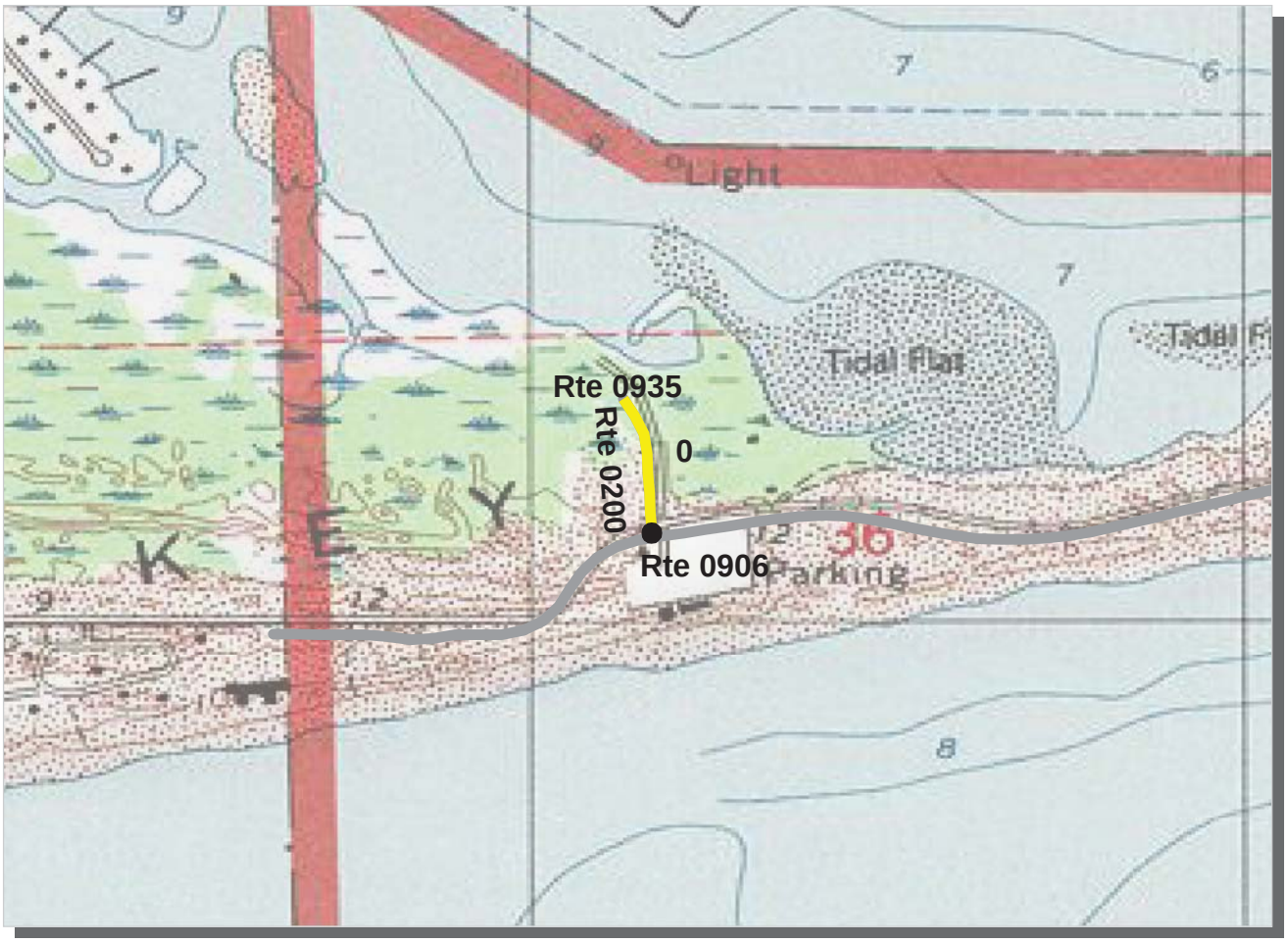
Southeast Region
GUIS : Gulf Islands National Seashore

ROUTE: 0103 Boat Launch Road **TOTAL LENGTH: 0.19 Miles**

Section Number	0				
Section Length (mi)	0.19				
AADT	**				
SADT	**				
ADT Date	**				
Cross Section Information					
Number of Lanes	2				
Paved Width (ft)	20				
Lane Width (ft)	10				
Shoulder Width (ft)	0				
Roadway Condition Information					
PCR (Pavement Condition Rating)	67				
RCI (Roughness Condition Index)	96				
SCR (Surface Condition Rating)	63				
Alligator Cracking Index	100				
Rutting Index	64				
Patching Index	100				
Tranverse Cracking Index	99				
Longitudinal Cracking Index	100				
Shoulder Condition Rating	N/A				
Drainage Condition Rating	N/C				

* NC designates data not collected NA designates not applicable

** See website for traffic data: http://www.efl.fhwa.dot.gov/nps/index.htm



PCR Poor (<=60) Fair (61 - 84) Good (85 - 94) Excellent (95 - 100)

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

Southeast Region
GUIS : Gulf Islands National Seashore

ROUTE: 0200 Nature Trail Access **TOTAL LENGTH: 0.15 Miles**

Section Number	0				
Section Length (mi)	0.15				
AADT	**				
SADT	**				
ADT Date	**				
Cross Section Information					
Number of Lanes	2				
Paved Width (ft)	21				
Lane Width (ft)	10				
Shoulder Width (ft)	0				
Roadway Condition Information					
PCR (Pavement Condition Rating)	66				
RCI (Roughness Condition Index)	97				
SCR (Surface Condition Rating)	62				
Alligator Cracking Index	100				
Rutting Index	62				
Patching Index	100				
Tranverse Cracking Index	100				
Longitudinal Cracking Index	100				
Shoulder Condition Rating	N/A				
Drainage Condition Rating	N/C				

* NC designates data not collected NA designates not applicable

** See website for traffic data: http://www.efl.fhwa.dot.gov/nps/index.htm

PCR Poor (<=60) Fair (61 - 84) Good (85 - 94) Excellent (95 - 100)

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

Southeast Region
GUIS : Gulf Islands National Seashore

ROUTE: 0205 Live Oak Picnic Access **TOTAL LENGTH: 0.18 Miles**

Section Number	0				
Section Length (mi)	0.18				
AADT	**				
SADT	**				
ADT Date	**				
Cross Section Information					
Number of Lanes	2				
Paved Width (ft)	17				
Lane Width (ft)	9				
Shoulder Width (ft)	0				
Roadway Condition Information					
PCR (Pavement Condition Rating)	15				
RCI (Roughness Condition Index)	NC				
SCR (Surface Condition Rating)	15				
Alligator Cracking Index	100				
Rutting Index	15				
Patching Index	100				
Tranverse Cracking Index	100				
Longitudinal Cracking Index	100				
Shoulder Condition Rating	N/A				
Drainage Condition Rating	N/C				

* NC designates data not collected NA designates not applicable

** See website for traffic data: http://www.efl.fhwa.dot.gov/nps/index.htm

PCR Poor (<=60) Fair (61 - 84) Good (85 - 94) Excellent (95 - 100)

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

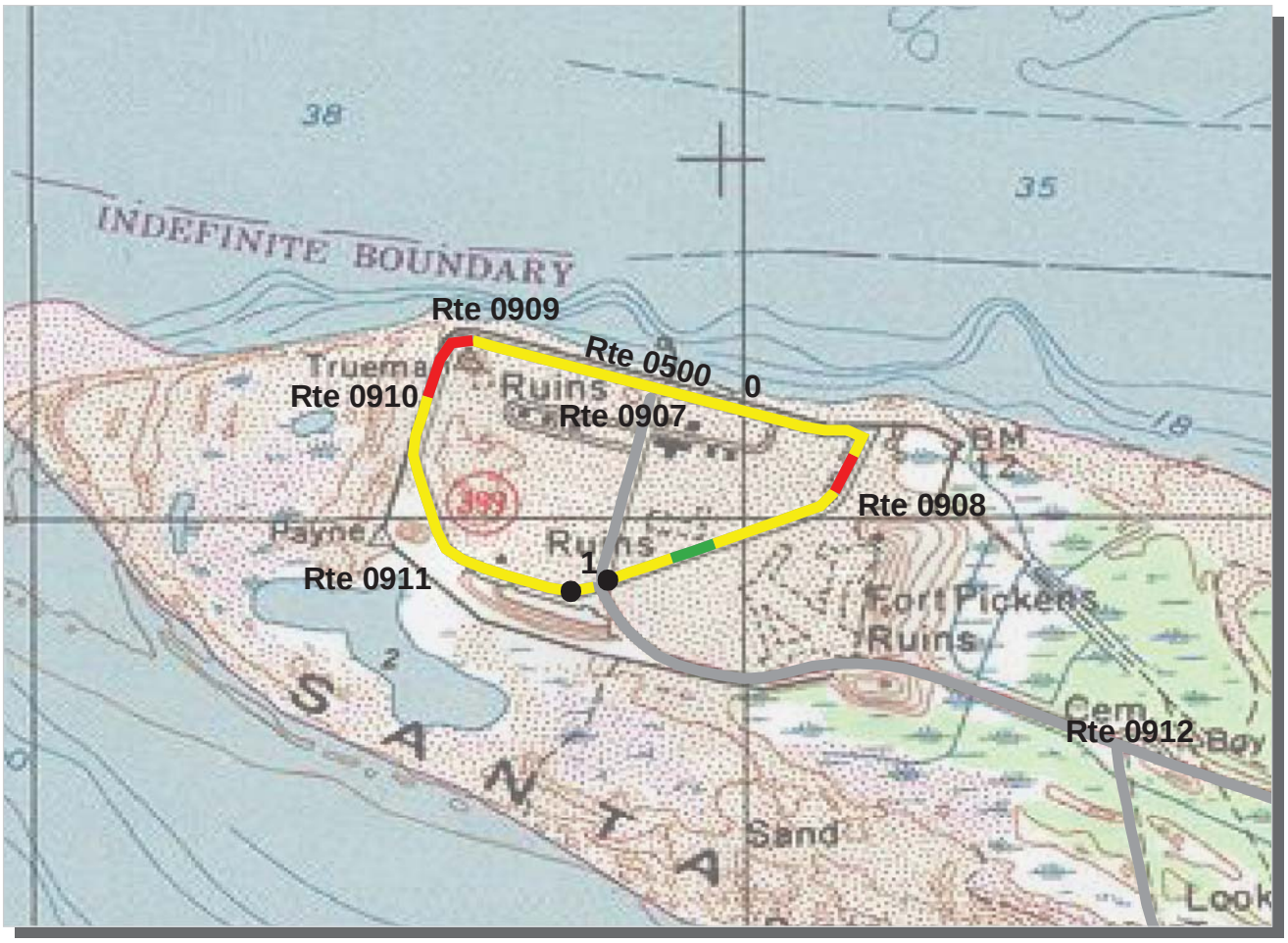
Southeast Region
GUIS : Gulf Islands National Seashore

ROUTE: 0207 Headquarters And Visitor Center Access Road **TOTAL LENGTH: 0.44 Miles**

Section Number	0				
Section Length (mi)	0.44				
AADT	**				
SADT	**				
ADT Date	**				
Cross Section Information					
Number of Lanes	2				
Paved Width (ft)	26				
Lane Width (ft)	13				
Shoulder Width (ft)	0				
Roadway Condition Information					
PCR (Pavement Condition Rating)	53				
RCI (Roughness Condition Index)	80				
SCR (Surface Condition Rating)	44				
Alligator Cracking Index	100				
Rutting Index	46				
Patching Index	100				
Tranverse Cracking Index	99				
Longitudinal Cracking Index	98				
Shoulder Condition Rating	N/A				
Drainage Condition Rating	N/C				

* NC designates data not collected NA designates not applicable

** See website for traffic data: http://www.efl.fhwa.dot.gov/nps/index.htm



PCR	Poor	Fair	Good	Excellent
	(<=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.

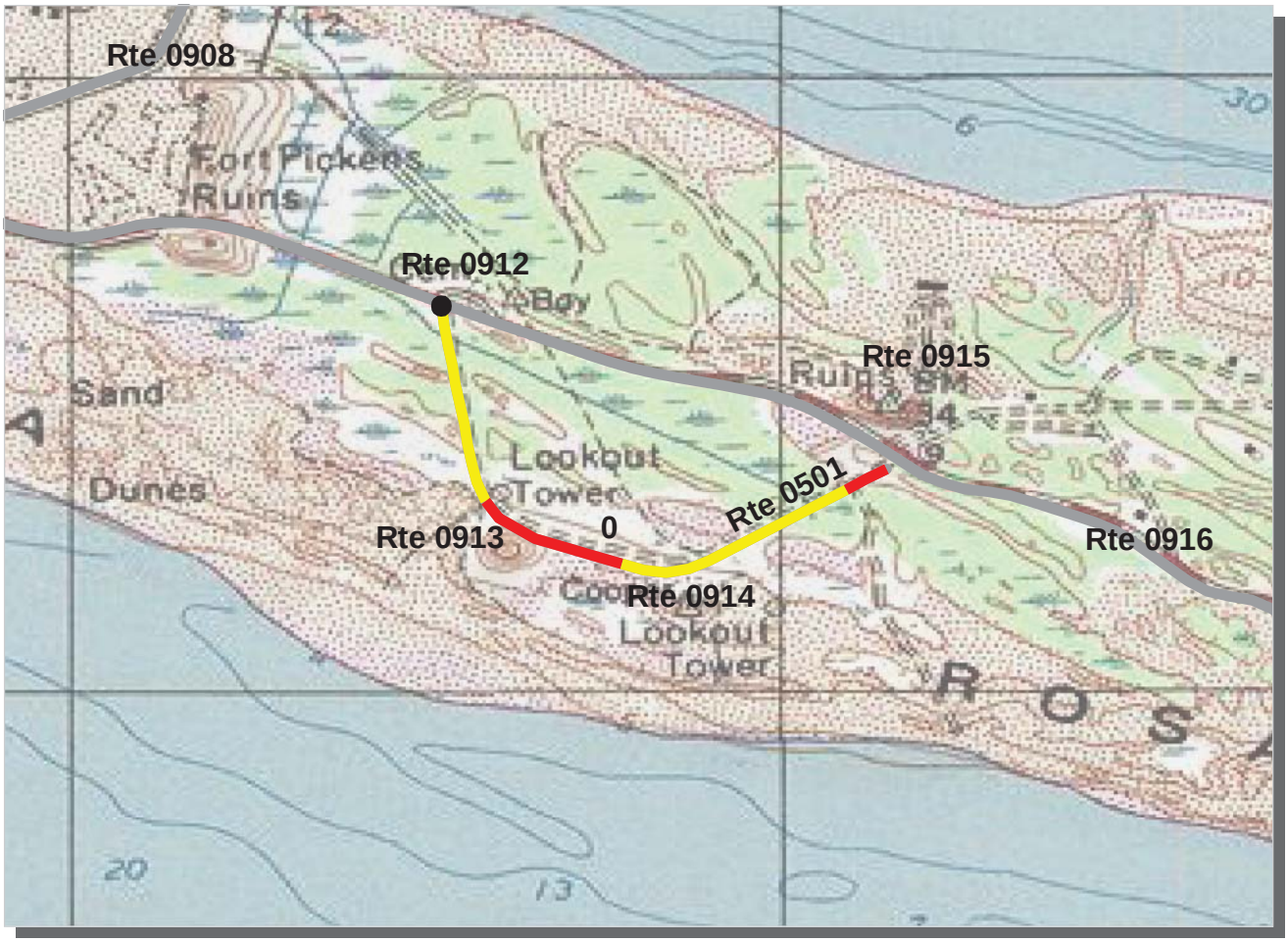
Southeast Region
GUIS : Gulf Islands National Seashore

ROUTE: 0500 Fort Pickens Loop Road **TOTAL LENGTH: 1.03 Miles**

Section Number	0	1			
Section Length (mi)	1.00	0.03			
AADT	**				
SADT	**				
ADT Date	**				
Cross Section Information					
Number of Lanes	1	1			
Paved Width (ft)	12	13			
Lane Width (ft)	12	13			
Shoulder Width (ft)	0	4			
Roadway Condition Information					
PCR (Pavement Condition Rating)	65	56			
RCI (Roughness Condition Index)	86	-1			
SCR (Surface Condition Rating)	57	56			
Alligator Cracking Index	100	100			
Rutting Index	57	56			
Patching Index	100	100			
Tranverse Cracking Index	99	100			
Longitudinal Cracking Index	100	100			
Shoulder Condition Rating	N/A	N/C			
Drainage Condition Rating	N/C	N/C			

* NC designates data not collected NA designates not applicable

** See website for traffic data: http://www.efl.fhwa.dot.gov/nps/index.htm



PCR	Poor	Fair	Good	Excellent
	(<=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.

Southeast Region
GUIS : Gulf Islands National Seashore

ROUTE: 0501 Battery 234 Access **TOTAL LENGTH: 0.62 Miles**

Section Number	0				
Section Length (mi)	0.62				
AADT	**				
SADT	**				
ADT Date	**				
Cross Section Information					
Number of Lanes	1				
Paved Width (ft)	12				
Lane Width (ft)	12				
Shoulder Width (ft)	0				
Roadway Condition Information					
PCR (Pavement Condition Rating)	64				
RCI (Roughness Condition Index)	97				
SCR (Surface Condition Rating)	55				
Alligator Cracking Index	100				
Rutting Index	55				
Patching Index	100				
Tranverse Cracking Index	100				
Longitudinal Cracking Index	100				
Shoulder Condition Rating	N/A				
Drainage Condition Rating	N/C				

* NC designates data not collected NA designates not applicable

** See website for traffic data: http://www.efl.fhwa.dot.gov/nps/index.htm

ROUTE: 0501 Battery 234 Access

Gulf Islands National Seashore
Route 0201
Campground Loops B-E
FROM ROUTE 0012 AT MP 5.7

Route	Length (mi)	Width (ft)	Area (sq ft)	Lane Miles *	Condition / PCR	Surface Type
0201	1.37	14.00	100901	1.74	GOOD / 90	AS

* Lane miles are based on 11' lane widths

500 250 0 500
Feet

N

Gulf Islands National Seashore
Route 0202
Campground Loop A
FROM ROUTE 0012 AT MP 5.4

Route	Length (mi)	Width (ft)	Area (sq ft)	Lane Miles *	Condition / PCR	Surface Type
0202	0.34	14.00	24985	0.43	GOOD / 90	AS

* Lane miles are based on 11' lane widths

250 125 0 250
Feet

Gulf Islands National Seashore
Route 0206A
Davis Bayou Campground Loop A
FROM ROUTE 0016

Route	Length (mi)	Width (ft)	Area (sq ft)	Lane Miles *	Condition / PCR	Surface Type
0206A	0.31	14.00	22767	0.39	EXCELLENT / 97	AS

* Lane miles are based on 11' lane widths

Gulf Islands National Seashore
Route 0206B
Davis Bayou Campground Loop B
FROM ROUTE 0206A

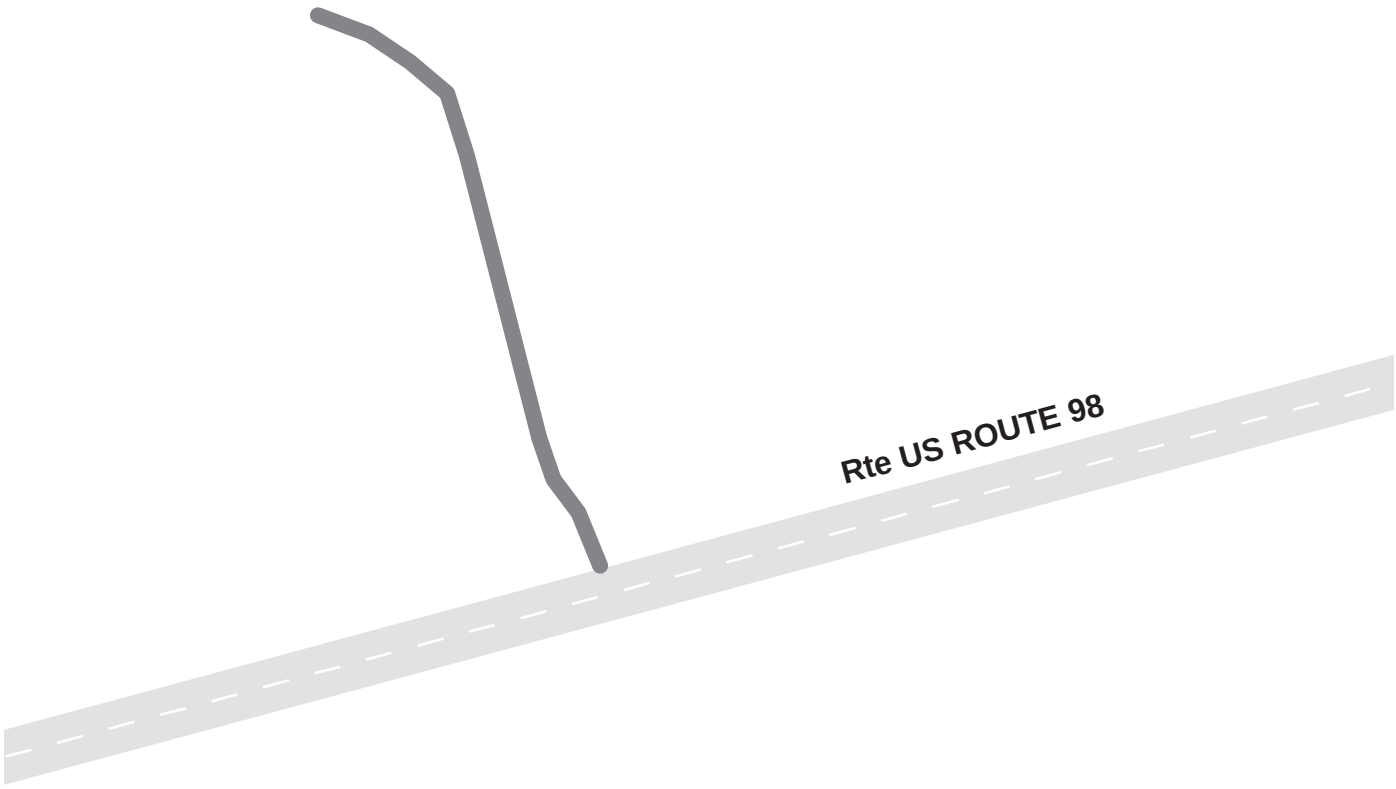
Route	Length (mi)	Width (ft)	Area (sq ft)	Lane Miles *	Condition / PCR	Surface Type
0206B	0.13	14.00	9314	0.16	EXCELLENT / 97	AS

* Lane miles are based on 11' lane widths

Gulf Islands National Seashore
Route 0210
Naval Live Oaks Road
FROM US ROUTE 98

Route	Length (mi)	Width (ft)	Area (sq ft)	Lane Miles *	Condition / PCR	Surface Type
0210	0.40	22.00	46929	0.81	NC / -1	AS

* Lane miles are based on 11' lane widths



1,000 500 0 1,000
Feet

N

Gulf Islands National Seashore
Route 0401
Fort Pickens District Office Road
FROM ROUTE 0012 AT MP 7.0, LEFT

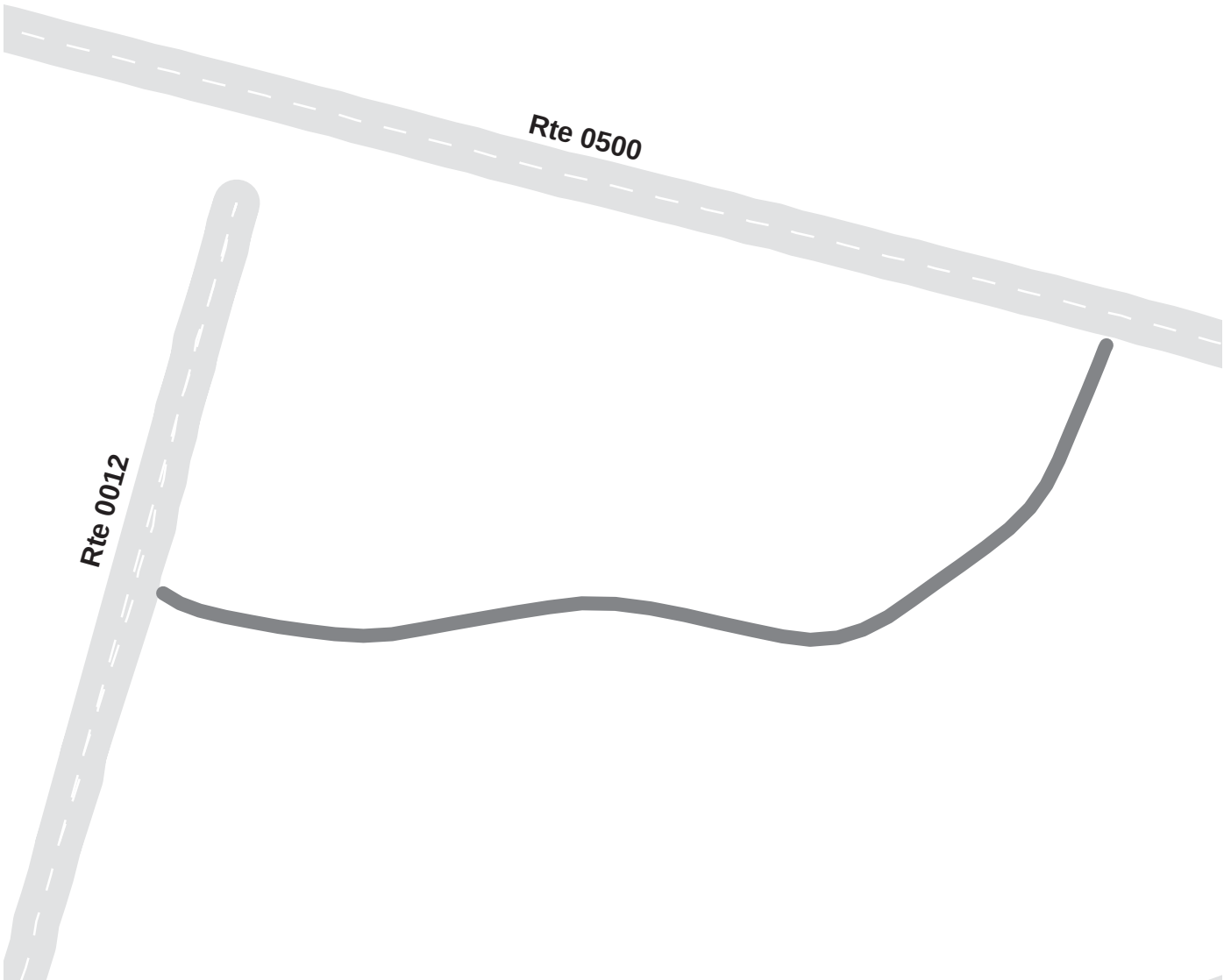
Route	Length (mi)	Width (ft)	Area (sq ft)	Lane Miles *	Condition / PCR	Surface Type
0401	0.12	12.00	7413	0.13	EXCELLENT / 97	AS

* Lane miles are based on 11' lane widths

Gulf Islands National Seashore
Route 0402
Fort Pickens Service Road
FROM ROUTE 0012 AT MP 7.0, RIGHT

Route	Length (mi)	Width (ft)	Area (sq ft)	Lane Miles *	Condition / PCR	Surface Type
0402	0.14	12.00	9060	0.16	EXCELLENT / 97	AS

* Lane miles are based on 11' lane widths



Gulf Islands National Seashore
Route 0405
Vfw Road
FROM ROUTE 0015 AT MP 1.05

Route	Length (mi)	Width (ft)	Area (sq ft)	Lane Miles *	Condition / PCR	Surface Type
0405	0.09	24.00	11785	0.20	GOOD / 90	AS

* Lane miles are based on 11' lane widths

Gulf Islands National Seashore
Route 0902
Boat Dock Parking
AT END OF ROUTE 0103

Route	Public / NonPublic	Date Visited	Area (sq ft)	Lane Miles *	Surface Type	Condition / PCR
0902	Public	3/27/2002	23776	0.41	AS	FAIR / 73

* Lane miles are based on 11' lane widths

150 75 0 150 Feet

N

Gulf Islands National Seashore
Route 0903
Davis Bayou Manintenance
ADJACENT TO ROUTE 0016

Route	Public / NonPublic	Date Visited	Area (sq ft)	Lane Miles *	Surface Type	Condition / PCR
0903	NonPublic	3/27/2002	51522	0.89	AS	EXCELLENT / 97

* Lane miles are based on 11' lane widths

150 75 0 150
Feet

N

Gulf Islands National Seashore
Route 0904
Ranger Station & Visitor Parking
AT END OF ROUTE 0015

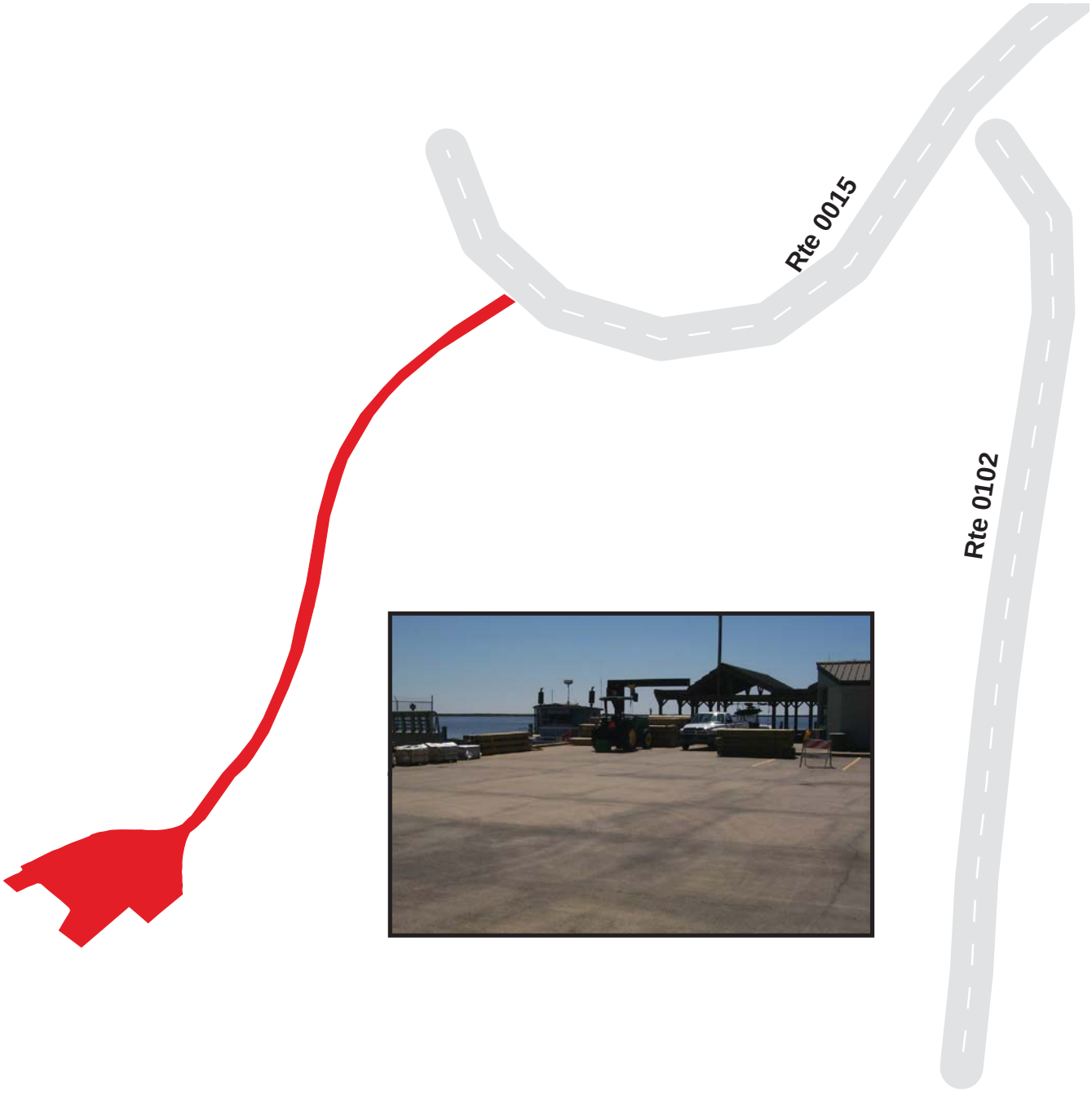
Route	Public / NonPublic	Date Visited	Area (sq ft)	Lane Miles *	Surface Type	Condition / PCR
0904	Public	3/27/2002	88497	1.52	AS	GOOD / 90

* Lane miles are based on 11' lane widths

Gulf Islands National Seashore
Route 0905
Government Boat Dock
FROM ROUTE 0015

Route	Public / NonPublic	Date Visited	Area (sq ft)	Lane Miles *	Surface Type	Condition / PCR
0905	Public	3/27/2002	20916	0.36	AS	GOOD / 90

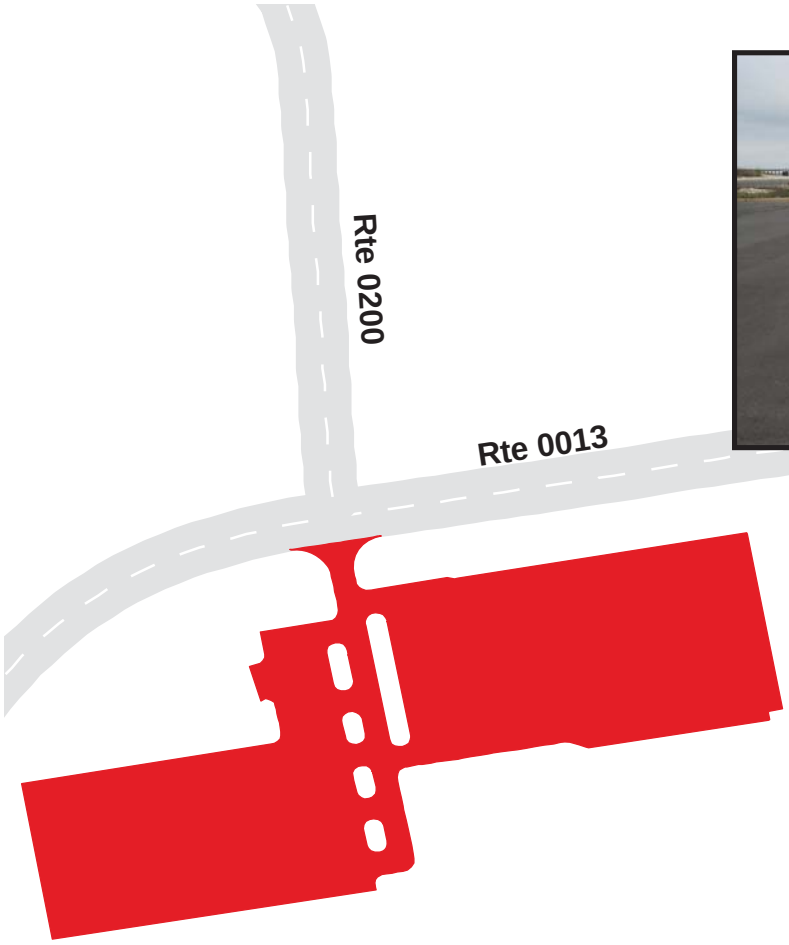
* Lane miles are based on 11' lane widths



Gulf Islands National Seashore
Route 0906
Rosamond Johnson Beach Access
FROM ROUTE 0013

Route	Public / NonPublic	Date Visited	Area (sq ft)	Lane Miles *	Surface Type	Condition / PCR
0906	Public	3/27/2002	153113	2.64	AS	GOOD / 90

* Lane miles are based on 11' lane widths



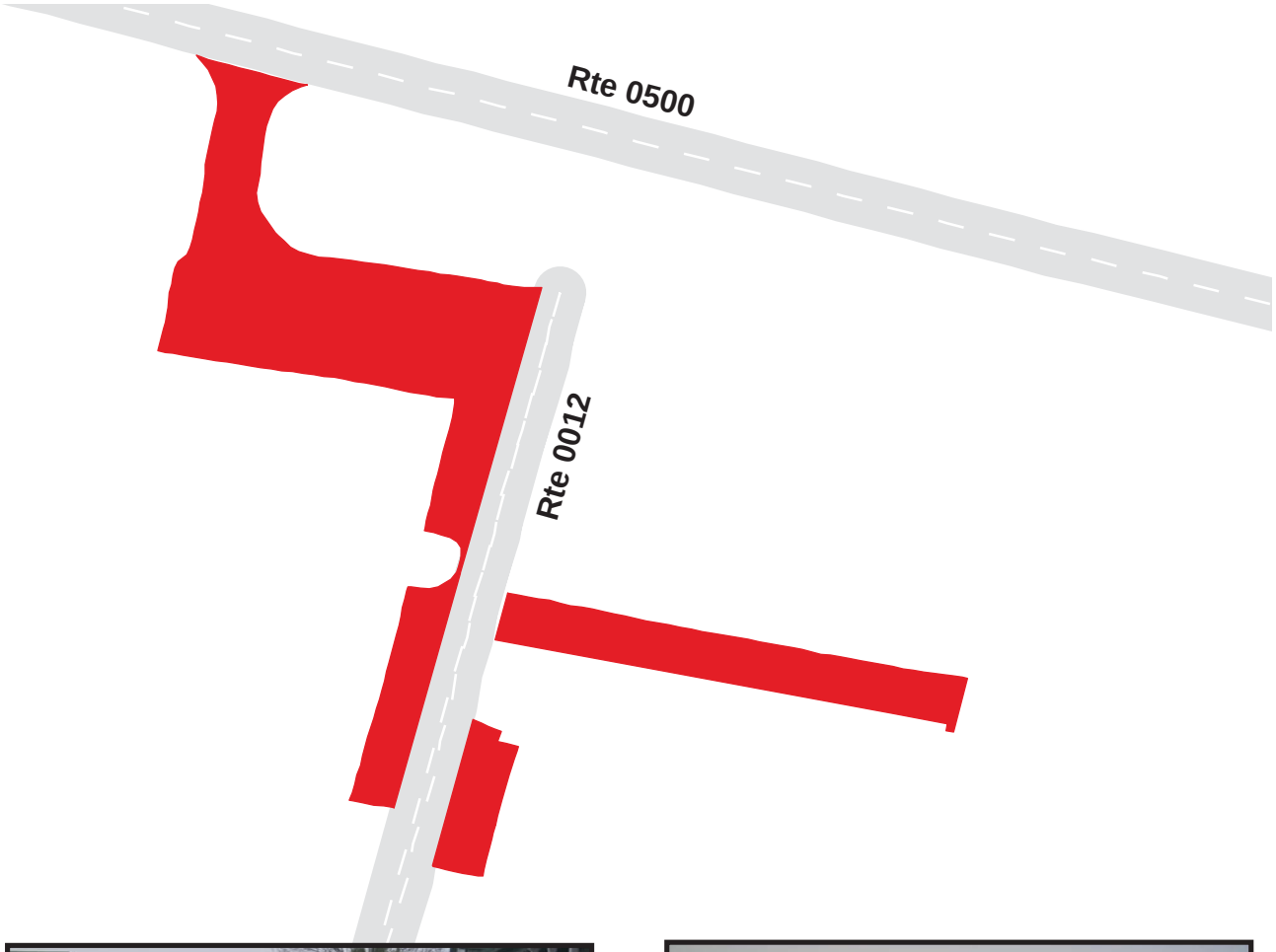
200 100 0 200
Feet

N

Gulf Islands National Seashore
Route 0907
Fort Pickens District Office Parking
ADJACENT TO ROUTE 0012 AT MP 7.0 ON LEFT AND RIGHT

Route	Public / NonPublic	Date Visited	Area (sq ft)	Lane Miles *	Surface Type	Condition / PCR
0907	Public	3/27/2002	22509	0.39	AS	GOOD / 90

* Lane miles are based on 11' lane widths



100 50 0 100
Feet

N

Gulf Islands National Seashore
Route 0908
Fort Pickens Information Center
ADJACENT TO ROUTE 0500

Route	Public / NonPublic	Date Visited	Area (sq ft)	Lane Miles *	Surface Type	Condition / PCR
0908	Public	3/27/2002	38063	0.66	AS	FAIR / 73

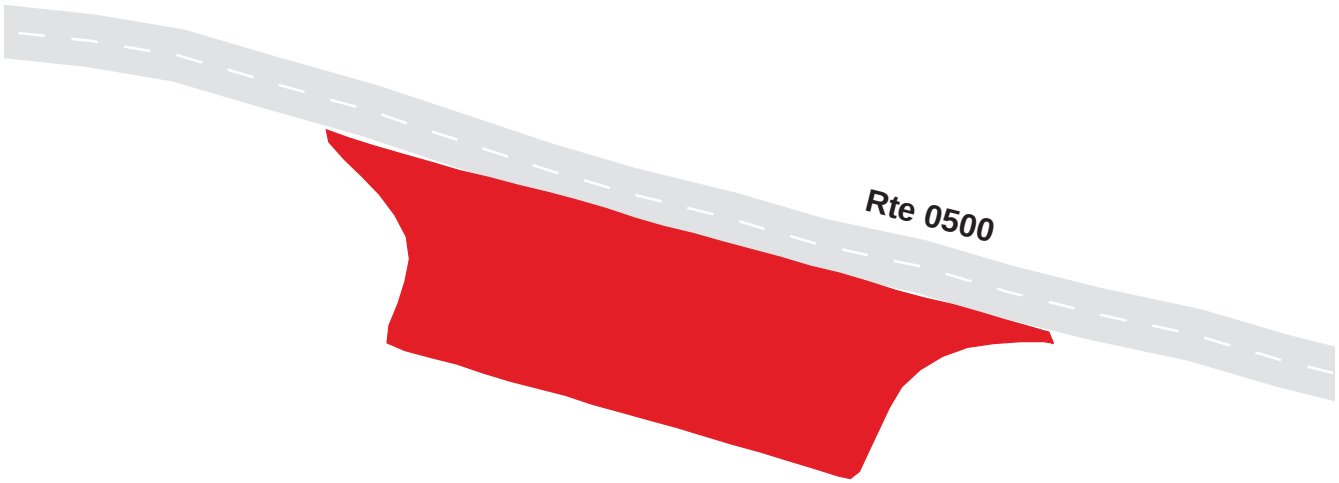
* Lane miles are based on 11' lane widths

150 75 0 150
Feet

Gulf Islands National Seashore
Route 0909
Battery Truman Parking
ADJACENT TO ROUTE 0500

Route	Public / NonPublic	Date Visited	Area (sq ft)	Lane Miles *	Surface Type	Condition / PCR
0909	Public	3/27/2002	3351	0.06	AS	EXCELLENT / 97

* Lane miles are based on 11' lane widths



50 25 0 50 Feet

N

Gulf Islands National Seashore
Route 0910
Head Parking
ADJACENT TO ROUTE 0500

Route	Public / NonPublic	Date Visited	Area (sq ft)	Lane Miles *	Surface Type	Condition / PCR
0910	Public	3/27/2002	2583	0.04	AS	EXCELLENT / 97

* Lane miles are based on 11' lane widths

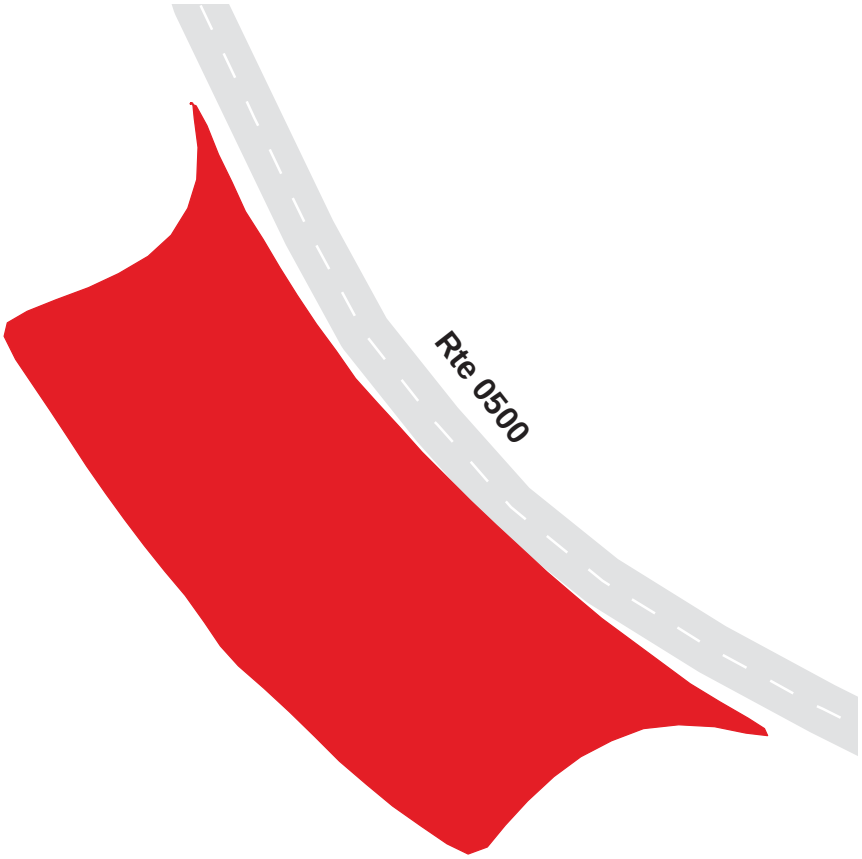
40 20 0 40 Feet

N

Gulf Islands National Seashore
Route 0911
Battery Payne Parking
ADJACENT TO ROUTE 0500

Route	Public / NonPublic	Date Visited	Area (sq ft)	Lane Miles *	Surface Type	Condition / PCR
0911	Public	3/27/2002	3842	0.07	AS	EXCELLENT / 97

* Lane miles are based on 11' lane widths



40 20 0 40 Feet

N

Gulf Islands National Seashore
Route 0912
Graves Parking
ADJACENT TO ROUTE 0012 AT MP 6.4

Route	Public / NonPublic	Date Visited	Area (sq ft)	Lane Miles *	Surface Type	Condition / PCR
0912	Public	3/27/2002	5210	0.09	AS	EXCELLENT / 97

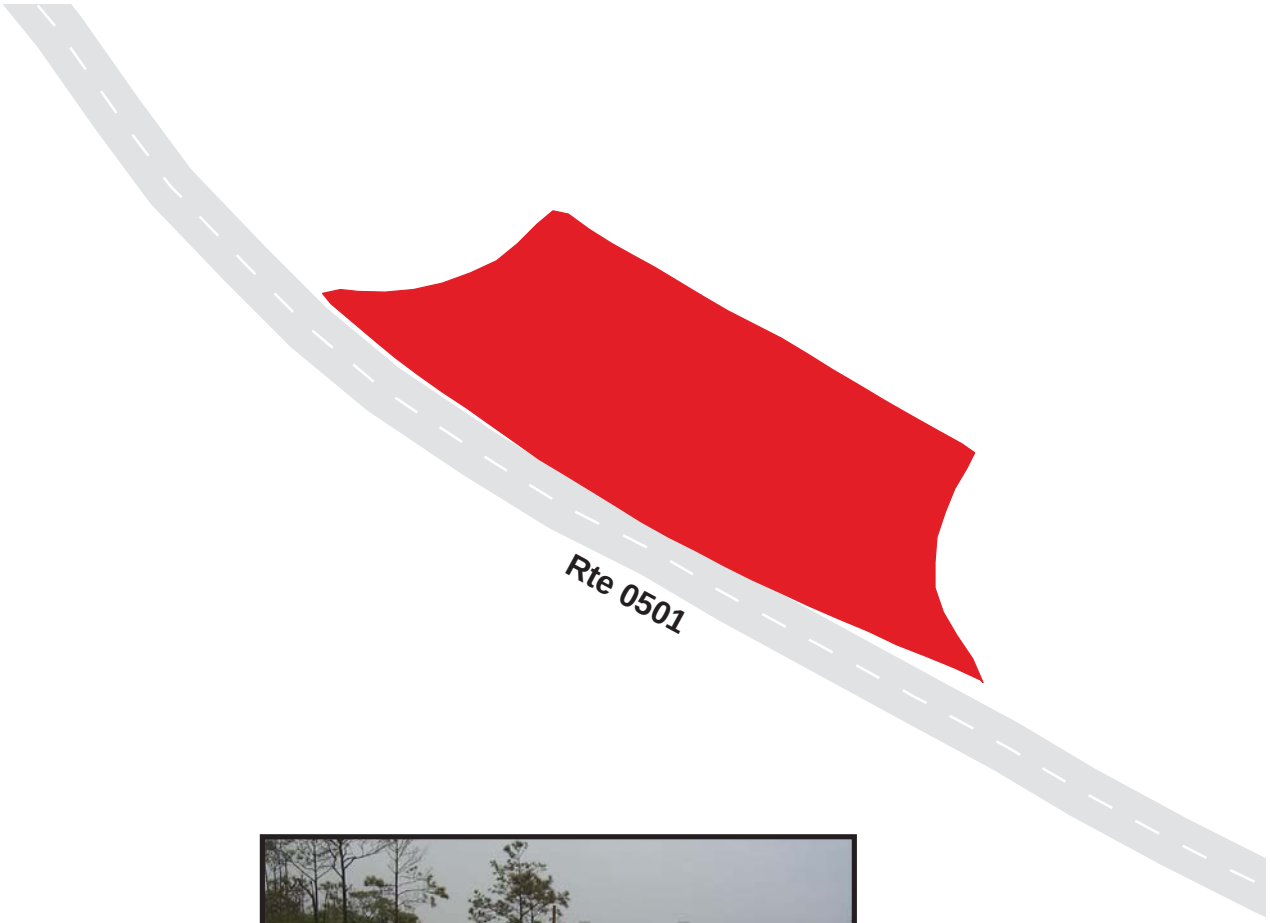
* Lane miles are based on 11' lane widths

7-11

Gulf Islands National Seashore
Route 0913
Battery 234 Parking
ADJACENT TO ROUTE 0501

Route	Public / NonPublic	Date Visited	Area (sq ft)	Lane Miles *	Surface Type	Condition / PCR
0913	Public	3/27/2002	3605	0.06	AS	EXCELLENT / 97

* Lane miles are based on 11' lane widths



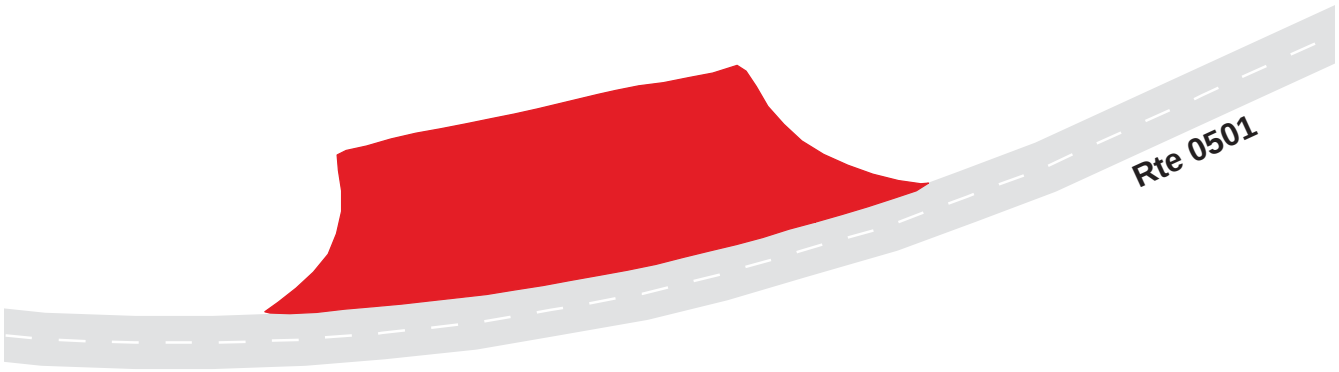
50 25 0 50 Feet

N

Gulf Islands National Seashore
Route 0914
Battery Cooper Parking
ADJACENT TO ROUTE 0501

Route	Public / NonPublic	Date Visited	Area (sq ft)	Lane Miles *	Surface Type	Condition / PCR
0914	Public	3/27/2002	3356	0.06	AS	EXCELLENT / 97

* Lane miles are based on 11' lane widths



Gulf Islands National Seashore
Route 0915
Battery Worth Picnic Access Parking
ADJACENT TO ROUTE 0012 AT MP 6.0 ON RIGHT

Route	Public / NonPublic	Date Visited	Area (sq ft)	Lane Miles *	Surface Type	Condition / PCR
0915	Public	3/27/2002	76886	1.32	AS	EXCELLENT / 97

* Lane miles are based on 11' lane widths

300 150 0 300
Feet

N

Gulf Islands National Seashore
Route 0916
Campground Store Parking
ADJACENT TO ROUTE 0012 AND ROUTE 0201

Route	Public / NonPublic	Date Visited	Area (sq ft)	Lane Miles *	Surface Type	Condition / PCR
0916	Public	3/27/2002	12378	0.21	AS	GOOD / 90

* Lane miles are based on 11' lane widths

100 50 0 100 Feet

N

Gulf Islands National Seashore
Route 0918
Langdon Beach Parking
ADJACENT TO ROUTE 0100 ON LEFT AND RIGHT

Route	Public / NonPublic	Date Visited	Area (sq ft)	Lane Miles *	Surface Type	Condition / PCR
0918	Public	3/27/2002	23063	0.40	AS	GOOD / 90

* Lane miles are based on 11' lane widths

200 100 0 200
Feet

Gulf Islands National Seashore
Route 0919
Campground Registration/ Ranger Station Complex
ADJACENT TO ROUTE 0012 AT MP 4.5

Route	Public / NonPublic	Date Visited	Area (sq ft)	Lane Miles *	Surface Type	Condition / PCR
0919	Public	3/27/2002	45163	0.78	AS	GOOD / 90

* Lane miles are based on 11' lane widths

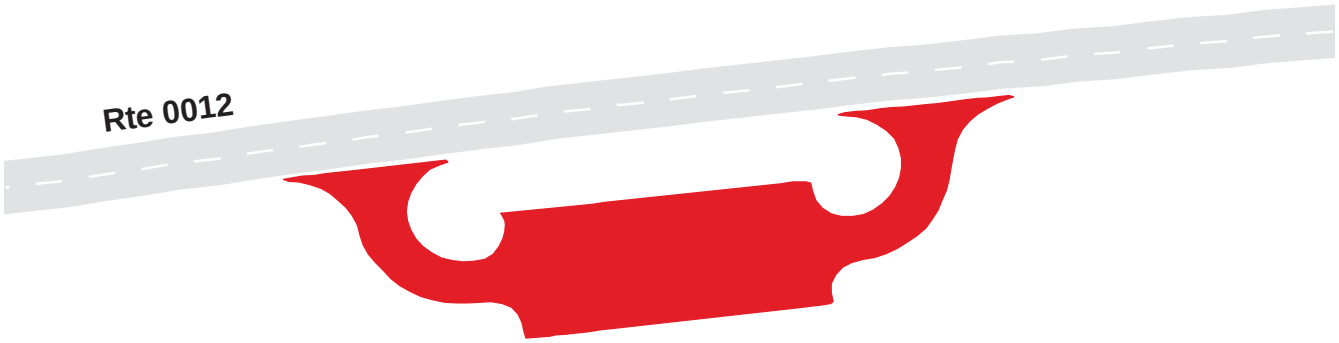
300 150 0 300
Feet

N

Gulf Islands National Seashore
Route 0920
Public Beach Parking #22
ADJACENT TO ROUTE 0012 AT MP 2.8

Route	Public / NonPublic	Date Visited	Area (sq ft)	Lane Miles *	Surface Type	Condition / PCR
0920	Public	3/27/2002	12714	0.22	AS	GOOD / 90

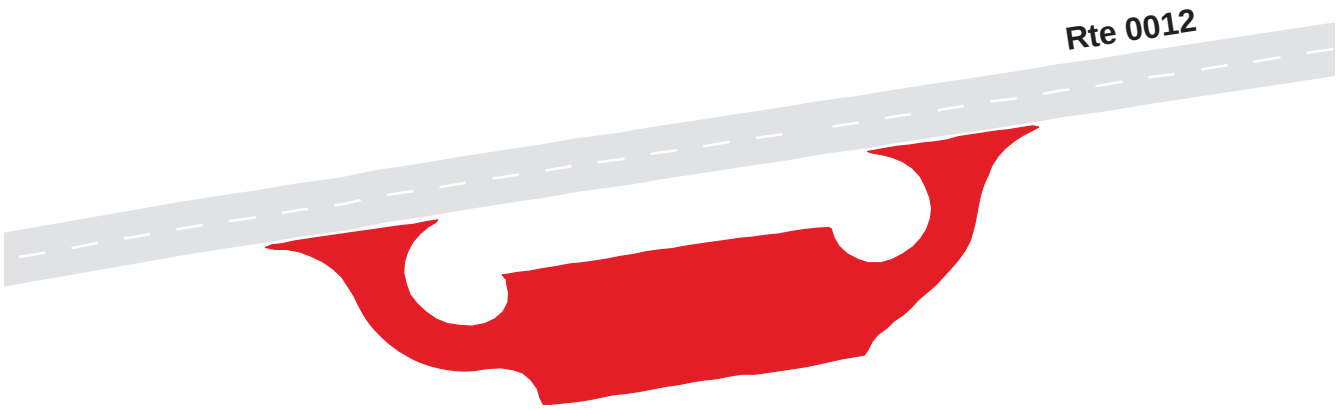
* Lane miles are based on 11' lane widths



Gulf Islands National Seashore
Route 0921
Public Beach Parking #21
ADJACENT TO ROUTE 0012 AT MP 1.5

Route	Public / NonPublic	Date Visited	Area (sq ft)	Lane Miles *	Surface Type	Condition / PCR
0921	Public	3/27/2002	12629	0.22	AS	GOOD / 90

* Lane miles are based on 11' lane widths



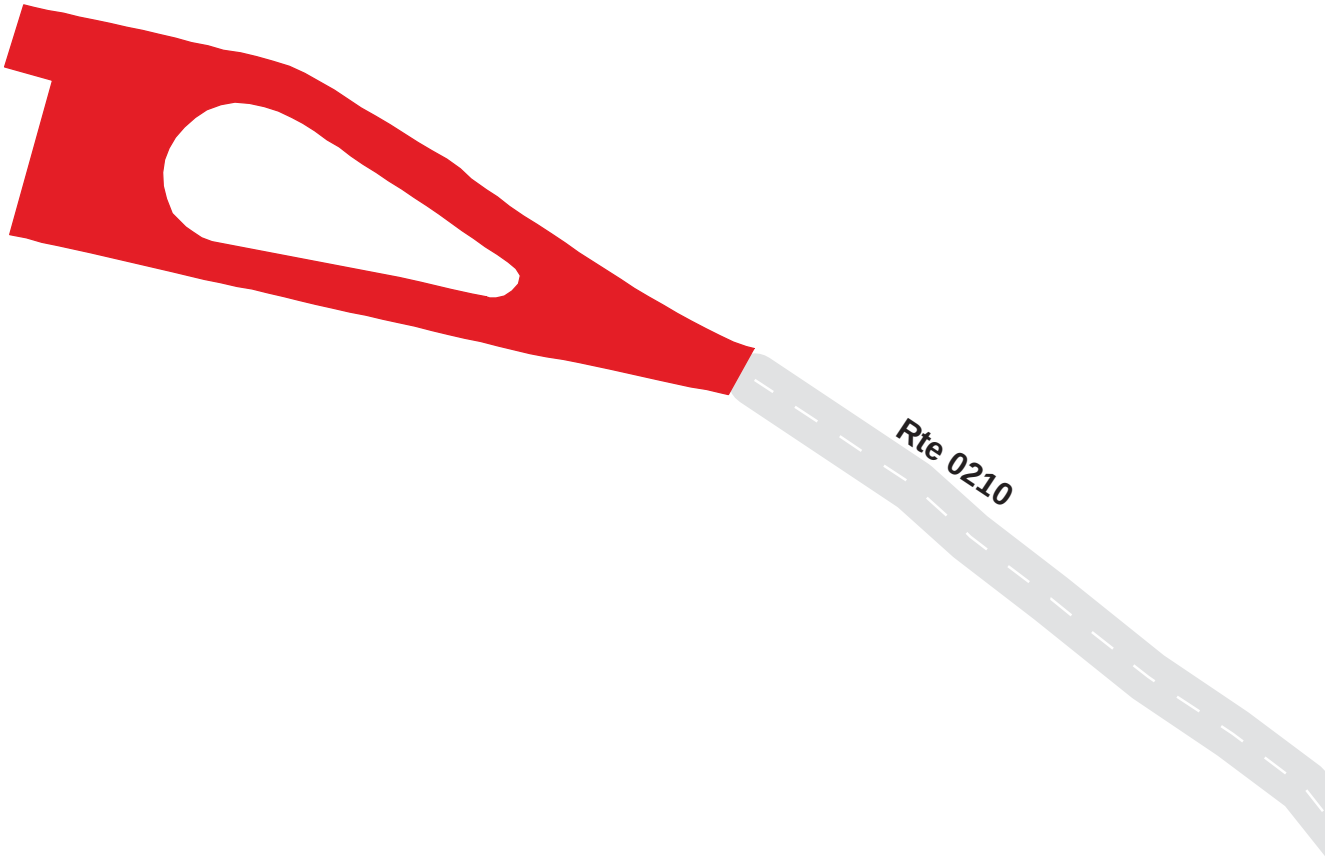
100 50 0 100
Feet

N

Gulf Islands National Seashore
Route 0922
Naval Live Oaks Group Campground Parking
AT END OF TO ROUTE 0210

Route	Public / NonPublic	Date Visited	Area (sq ft)	Lane Miles *	Surface Type	Condition / PCR
0922	Public	3/27/2002	13821	0.24	AS	GOOD / 90

* Lane miles are based on 11' lane widths



100 50 0 100
Feet

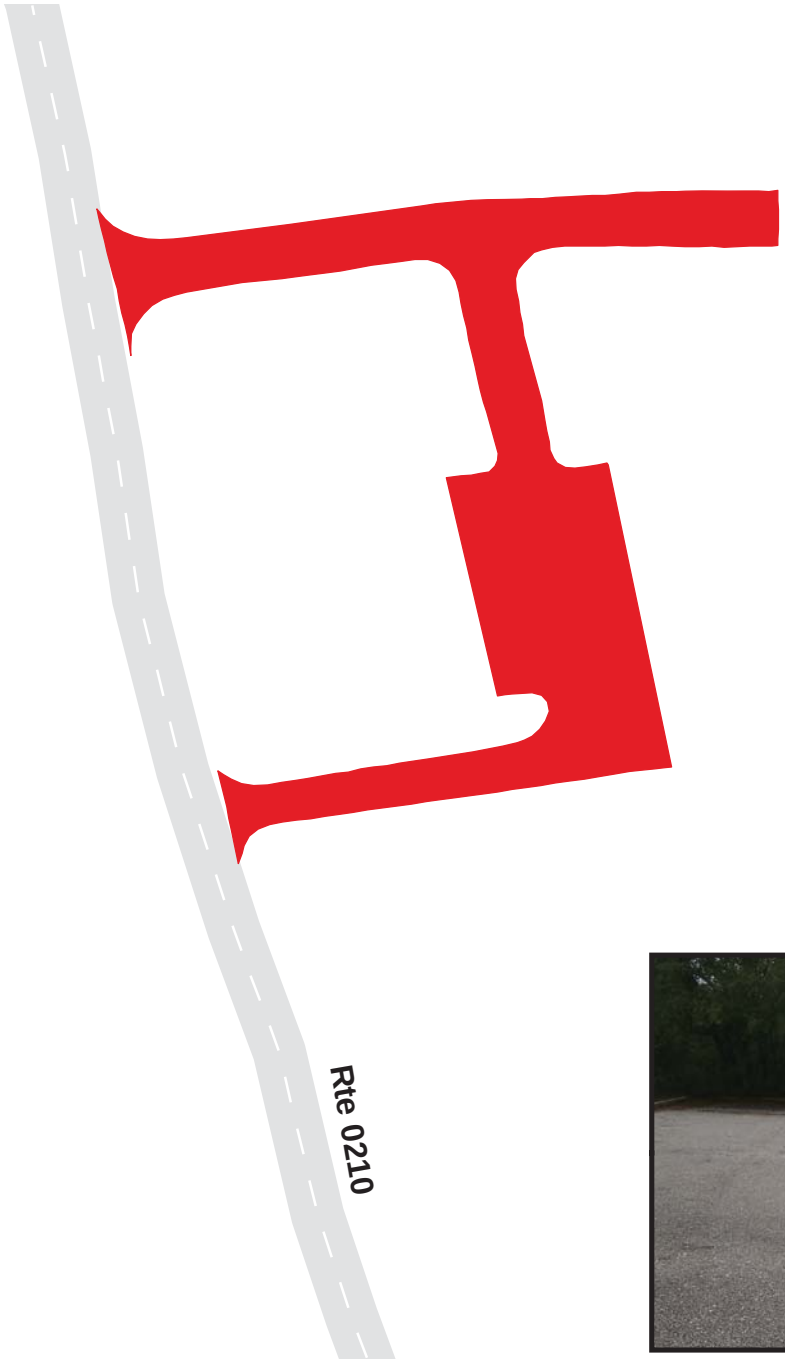
N

7-20

Gulf Islands National Seashore
Route 0923
Naval Live Oaks Maintenance Parking
ADJACENT TO ROUTE 0210

Route	Public / NonPublic	Date Visited	Area (sq ft)	Lane Miles *	Surface Type	Condition / PCR
0923	Public	3/27/2002	18822	0.32	AS	GOOD / 90

* Lane miles are based on 11' lane widths



100 50 0 100
Feet

N

7-21

Gulf Islands National Seashore
Route 0924
Naval Live Oaks Maintenance Complex
ADJACENT TO ROUTE 0923

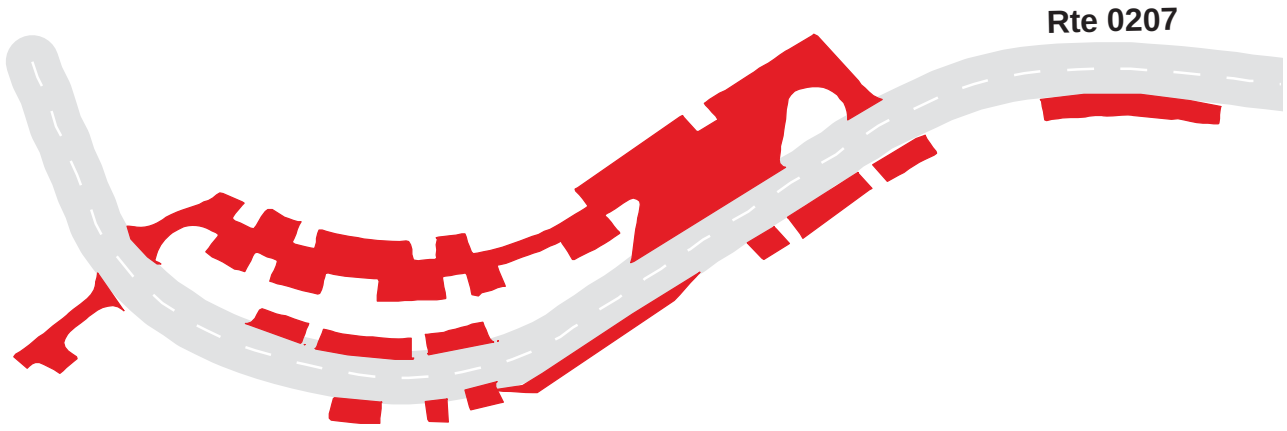
Route	Public / NonPublic	Date Visited	Area (sq ft)	Lane Miles *	Surface Type	Condition / PCR
0924	Public	3/27/2002	48644	0.84	AS	GOOD / 90

* Lane miles are based on 11' lane widths

Gulf Islands National Seashore
Route 0925
Headquarters & Visitors Center Parking
ADJACENT TO ROUTE 0207 ON LEFT AND RIGHT

Route	Public / NonPublic	Date Visited	Area (sq ft)	Lane Miles *	Surface Type	Condition / PCR
0925	Public	3/27/2002	57011	0.98	AS	GOOD / 90

* Lane miles are based on 11' lane widths



200 100 0 200
Feet

N

Gulf Islands National Seashore
Route 0926
Public Beach Parking #10
ADJACENT TO ROUTE 0011 AT MP 1.3

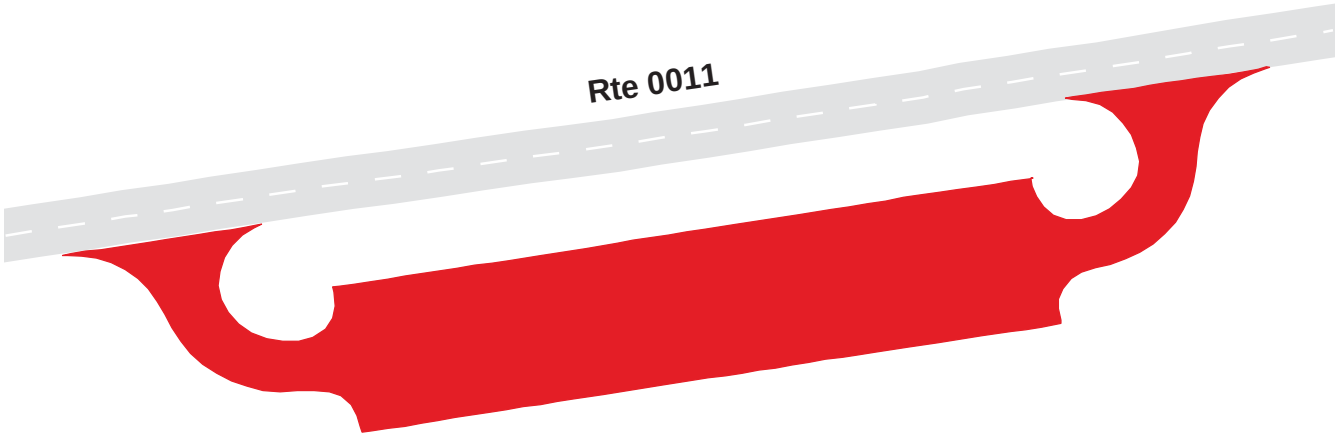
Route	Public / NonPublic	Date Visited	Area (sq ft)	Lane Miles *	Surface Type	Condition / PCR
0926	Public	3/27/2002	19835	0.34	AS	EXCELLENT / 97

* Lane miles are based on 11' lane widths

Gulf Islands National Seashore
Route 0927
Public Beach Parking #9
ADJACENT TO ROUTE 0011 AT MP 2.5

Route	Public / NonPublic	Date Visited	Area (sq ft)	Lane Miles *	Surface Type	Condition / PCR
0927	Public	3/27/2002	19813	0.34	AS	GOOD / 90

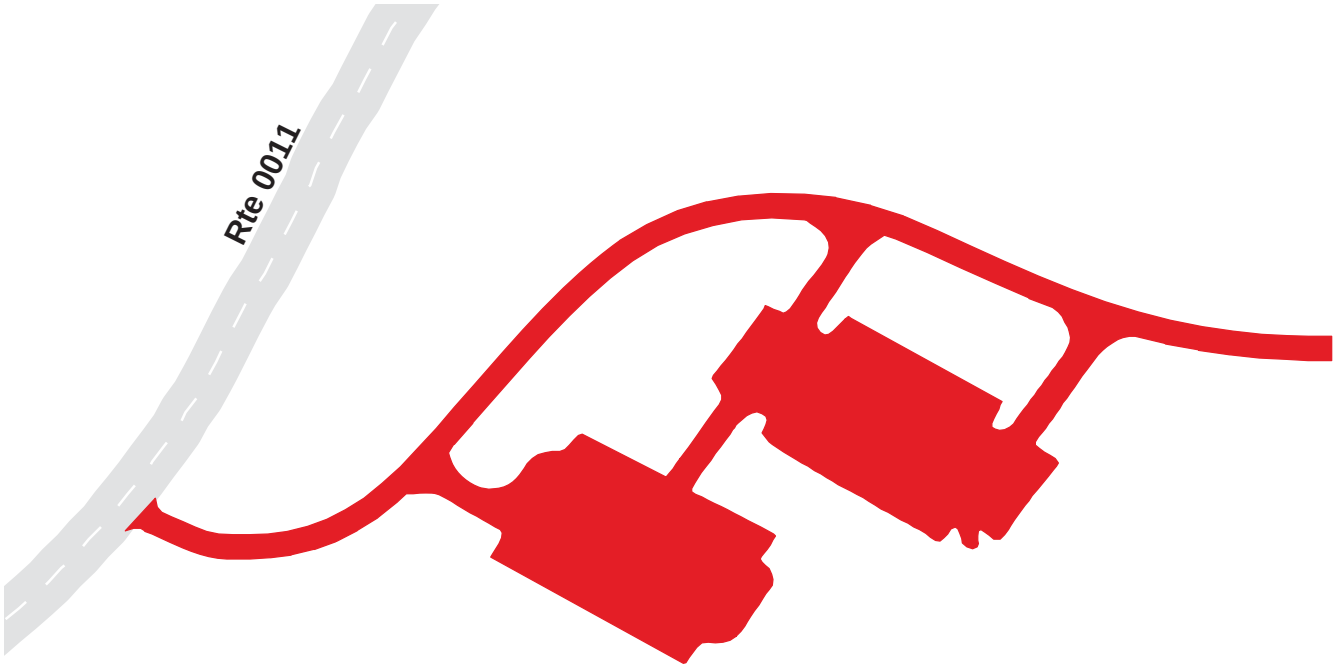
* Lane miles are based on 11' lane widths

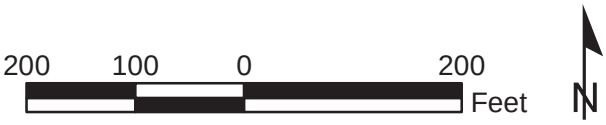


Gulf Islands National Seashore
Route 0928
Opal Beach Access (West)
ADJACENT TO ROUTE 0011 AT MP 3.6

Route	Public / NonPublic	Date Visited	Area (sq ft)	Lane Miles *	Surface Type	Condition / PCR
0928	Public	3/27/2002	93120	1.60	AS	GOOD / 90

* Lane miles are based on 11' lane widths

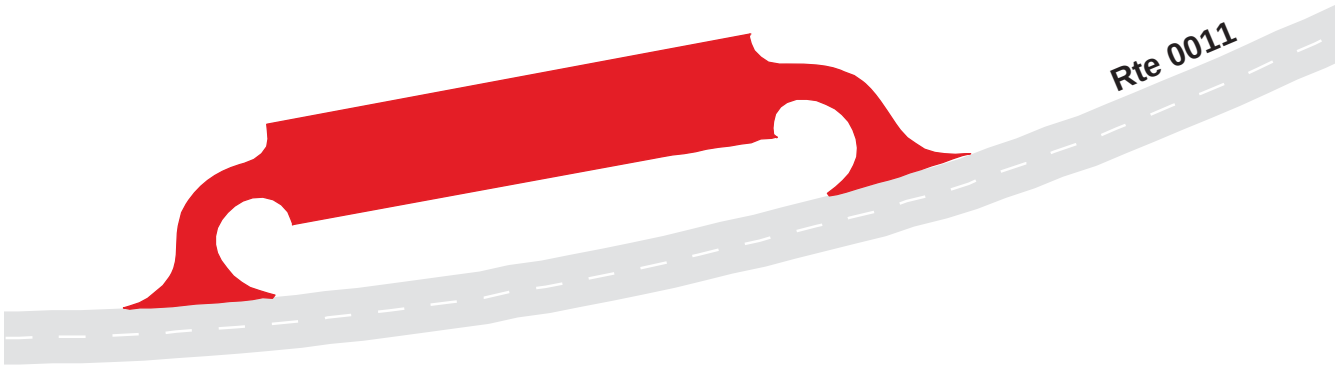




Gulf Islands National Seashore
Route 0929
Public Parking #8
ADJACENT TO ROUTE 0011 AT MP 3.9

Route	Public / NonPublic	Date Visited	Area (sq ft)	Lane Miles *	Surface Type	Condition / PCR
0929	Public	3/27/2002	20598	0.35	AS	GOOD / 90

* Lane miles are based on 11' lane widths



Gulf Islands National Seashore
Route 0930
Opal Beach Access (East)
ADJACENT TO ROUTE 0011 AT MP 4.2

Route	Public / NonPublic	Date Visited	Area (sq ft)	Lane Miles *	Surface Type	Condition / PCR
0930	Public	3/27/2002	134956	2.32	AS	GOOD / 90

* Lane miles are based on 11' lane widths

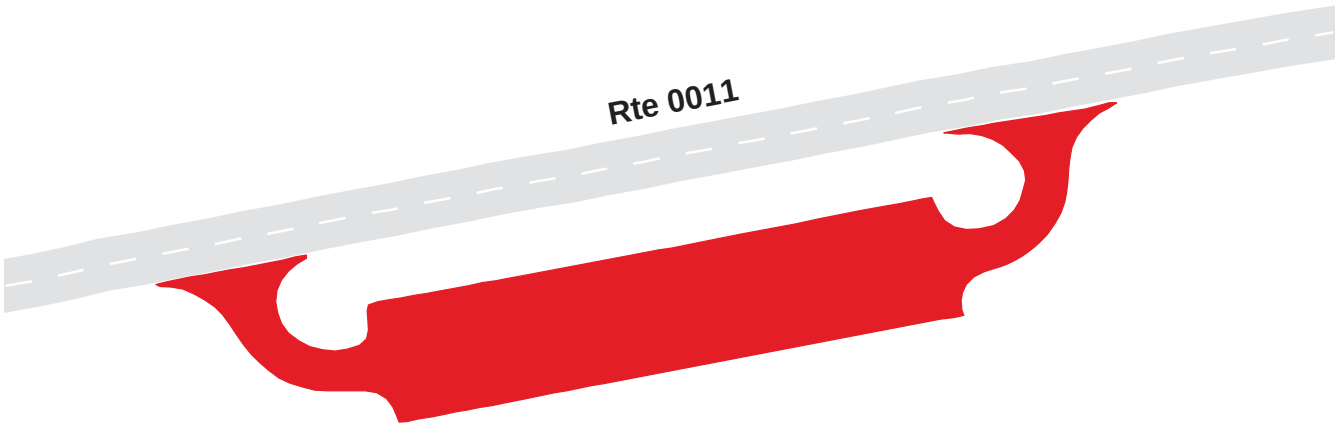
200 100 0 200
Feet

N

Gulf Islands National Seashore
Route 0931
Public Beach Parking #1
ADJACENT TO ROUTE 0011 AT MP 5.9

Route	Public / NonPublic	Date Visited	Area (sq ft)	Lane Miles *	Surface Type	Condition / PCR
0931	Public	3/27/2002	19988	0.34	AS	GOOD / 90

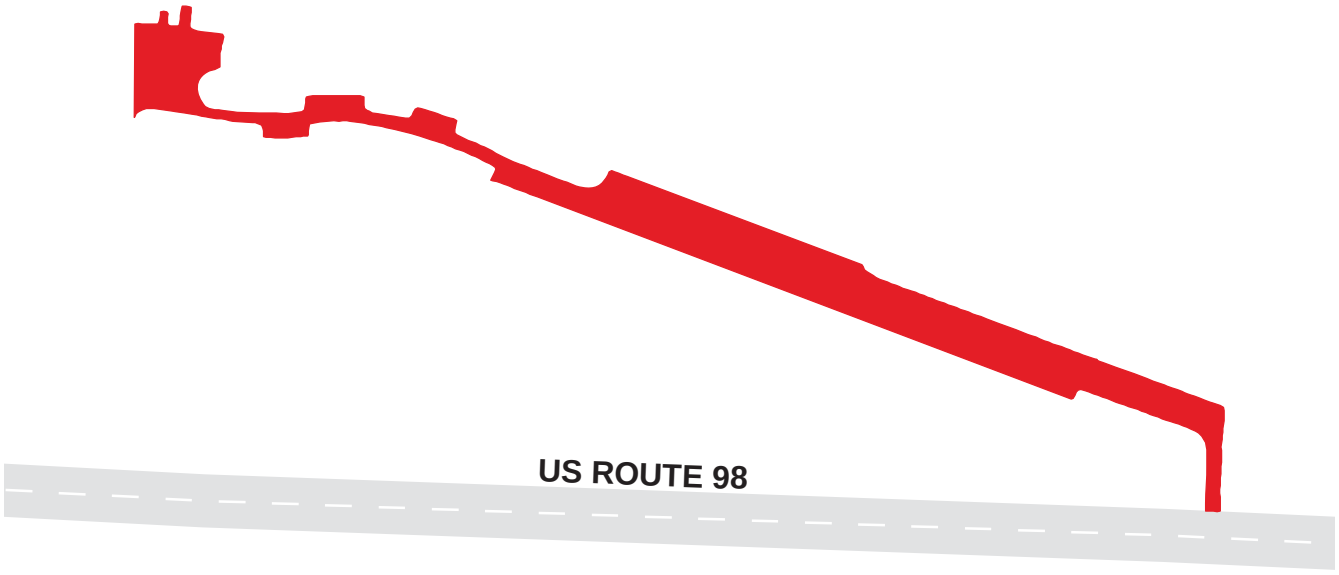
* Lane miles are based on 11' lane widths



Gulf Islands National Seashore
Route 0932
Fort Walton Beach Parking
FROM US ROUTE 98

Route	Public / NonPublic	Date Visited	Area (sq ft)	Lane Miles *	Surface Type	Condition / PCR
0932	Public	3/27/2002	95776	1.65	AS	GOOD / 90

* Lane miles are based on 11' lane widths



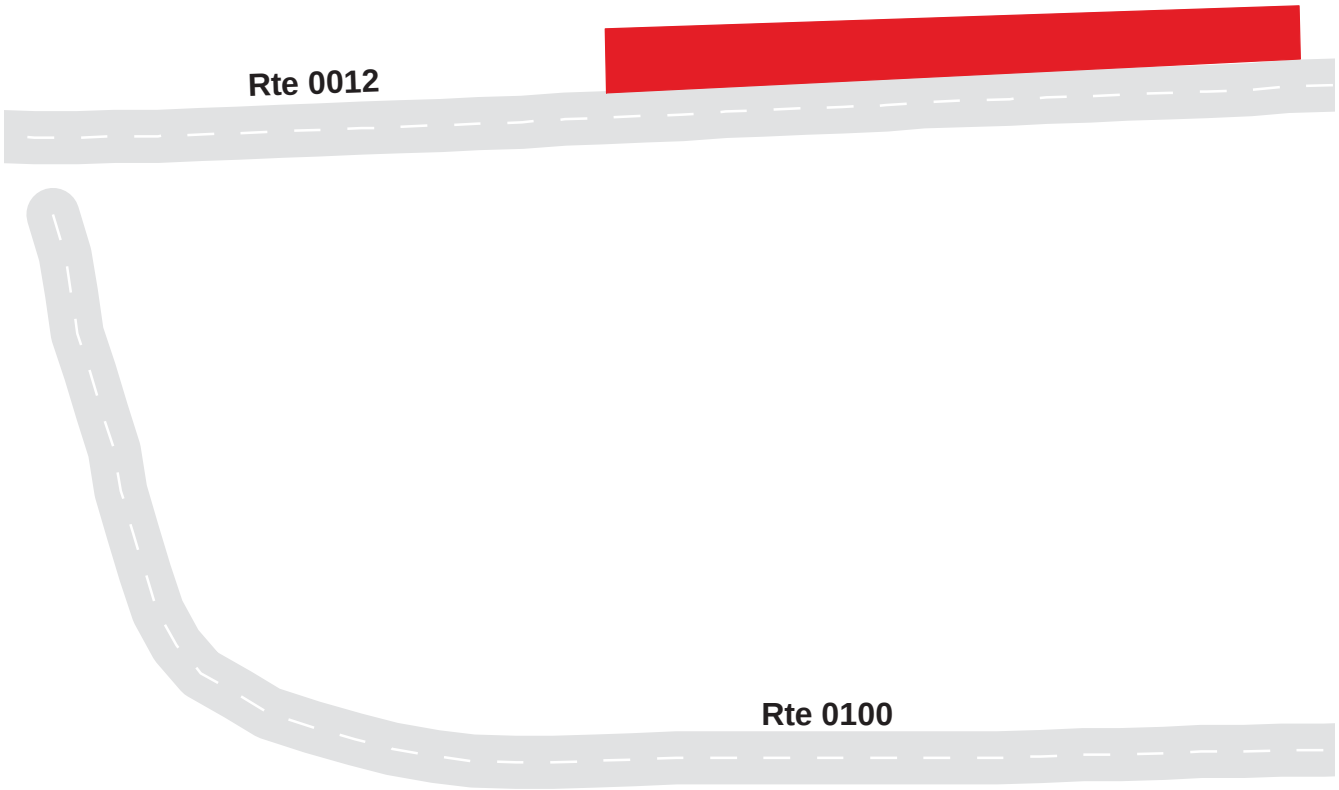
300 150 0 300
Feet

N

Gulf Islands National Seashore
Route 0933
Battery Langeon Parking
ADJACENT TO ROUTE 0012 AT MP 4.9

Route	Public / NonPublic	Date Visited	Area (sq ft)	Lane Miles *	Surface Type	Condition / PCR
0933	Public	3/27/2002	7140	0.12	AS	FAIR / 73

* Lane miles are based on 11' lane widths



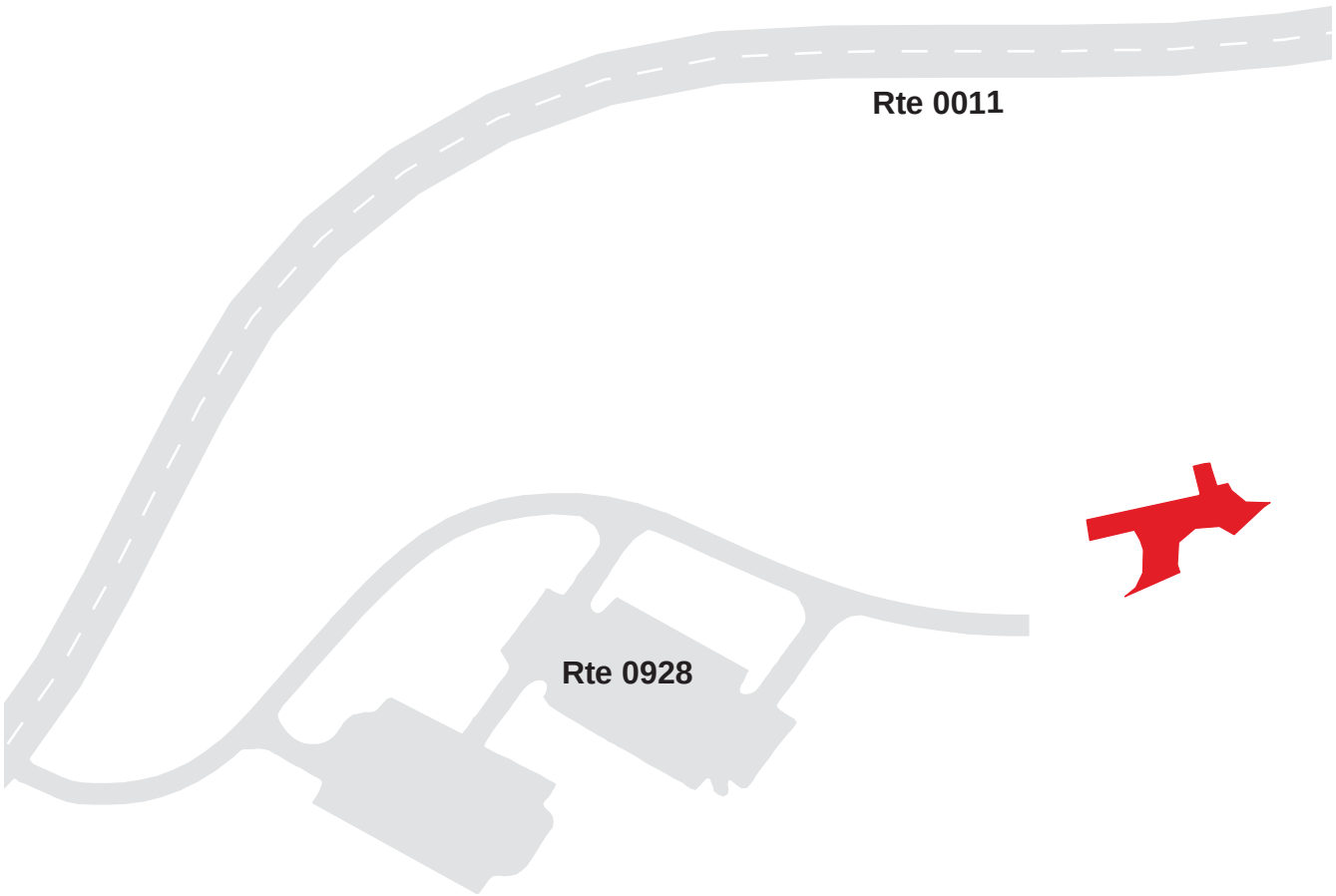
100 50 0 100
Feet

N

Gulf Islands National Seashore
Route 0934
Opal Beach Maintenance Parking
NEAR ROUTE 0928

Route	Public / NonPublic	Date Visited	Area (sq ft)	Lane Miles *	Surface Type	Condition / PCR
0934	NonPublic	3/27/2002	7282	0.13	AS	EXCELLENT / 97

* Lane miles are based on 11' lane widths



300 150 0 300
Feet

N

Gulf Islands National Seashore
Route 0935
Nature Trail Parking
AT END OF ROUTE 0200

Route	Public / NonPublic	Date Visited	Area (sq ft)	Lane Miles *	Surface Type	Condition / PCR
0935	Public	3/27/2002	8866	0.15	AS	GOOD / 90

* Lane miles are based on 11' lane widths

70 35 0 70 Feet

N

GUIS: PARKWIDE MAINTENANCE FEATURES SUMMARY

FEATURE	PARK TOTAL	UNIT
BRIDGE	3	EACH
CATTLE GUARD	0	EACH
CULVERT	8	EACH
CURB	5,599	LINEAR FEET
DROP INLET	5	EACH
GUARD WALL	0	LINEAR FEET
GUARDRAIL	5,877	LINEAR FEET
INTERSECTION	134	EACH
LOW WATER CROSSING	0	EACH
OVERHEAD SIGN	0	EACH
PARK BOUNDARY	5	EACH
PAVED DITCH	0	LINEAR FEET
PULLOUT	10	EACH
RAILROAD CROSSING	0	EACH
RETAINING WALL	0	EACH
STATE BOUNDARY	0	EACH
TRAFFIC LIGHT	0	EACH
TUNNEL	0	EACH
TURNOUT	0	LINEAR FEET

GUIS: ROUTE MAINTENANCE FEATURES SUMMARY

FEATURE	ROUTE 0011 SANTA ROSA RD	ROUTE 0012 FORT PICKENS ROAD	ROUTE 0013 JOHNSON BEACH ROAD	ROUTE 0015 PARK ROAD	ROUTE 0016 HANLEY ROAD	ROUTE 0100 LANGDON BEACH ACCESS	UNIT
BRIDGE	0	0	0	2	1	0	EACH
CATTLE GUARD	0	0	0	0	0	0	EACH
CULVERT	0	0	0	3	2	0	EACH
CURB	0	0	137	32	0	0	LINEAR FEET
DROP INLET	0	0	0	4	0	0	EACH
GUARD WALL	0	0	0	0	0	0	LINEAR FEET
GUARDRAIL	0	0	0	5,776	100	0	LINEAR FEET
INTERSECTION	10	37	6	10	15	6	EACH
LOW WATER CROSSING	0	0	0	0	0	0	EACH
OVERHEAD SIGN	0	0	0	0	0	0	EACH
PARK BOUNDARY	2	1	1	1	0	0	EACH
PAVED DITCH	0	0	0	0	0	0	LINEAR FEET
PULLOUT	0	0	0	5	2	0	EACH
RAILROAD CROSSING	0	0	0	0	0	0	EACH
RETAINING WALL	0	0	0	0	0	0	EACH
STATE BOUNDARY	0	0	0	0	0	0	EACH
TRAFFIC LIGHT	0	0	0	0	0	0	EACH
TUNNEL	0	0	0	0	0	0	EACH
TURNOUT	0	0	0	0	0	0	LINEAR FEET

GUIS: ROUTE MAINTENANCE FEATURES SUMMARY

FEATURE	ROUTE 0102 EAGLE POINT ROAD	ROUTE 0103 BOAT LAUNCH ROAD	ROUTE 0200 NATURE TRAIL ACCESS	ROUTE 0205 LIVE OAK PICNIC ACCESS	ROUTE 0207 HEADQUARTERS AND VISITOR CENTER ACCESS	ROUTE 0500 FT PICKENS LOOP ROAD	UNIT
BRIDGE	0	0	0	0	0	0	EACH
CATTLE GUARD	0	0	0	0	0	0	EACH
CULVERT	0	0	0	1	0	1	EACH
CURB	0	0	0	0	185	5,245	LINEAR FEET
DROP INLET	0	0	0	0	1	0	EACH
GUARD WALL	0	0	0	0	0	0	LINEAR FEET
GUARDRAIL	0	0	0	0	0	0	LINEAR FEET
INTERSECTION	2	6	2	1	19	14	EACH
LOW WATER CROSSING	0	0	0	0	0	0	EACH
OVERHEAD SIGN	0	0	0	0	0	0	EACH
PARK BOUNDARY	0	0	0	0	0	0	EACH
PAVED DITCH	0	0	0	0	0	0	LINEAR FEET
PULLOUT	0	0	0	0	1	2	EACH
RAILROAD CROSSING	0	0	0	0	0	0	EACH
RETAINING WALL	0	0	0	0	0	0	EACH
STATE BOUNDARY	0	0	0	0	0	0	EACH
TRAFFIC LIGHT	0	0	0	0	0	0	EACH
TUNNEL	0	0	0	0	0	0	EACH
TURNOUT	0	0	0	0	0	0	LINEAR FEET

GUIS: ROUTE MAINTENANCE FEATURES SUMMARY

FEATURE	ROUTE 0501 BATTERY 234 ACCESS	UNIT
BRIDGE	0	EACH
CATTLE GUARD	0	EACH
CULVERT	1	EACH
CURB	0	LINEAR FEET
DROP INLET	0	EACH
GUARD WALL	0	LINEAR FEET
GUARDRAIL	0	LINEAR FEET
INTERSECTION	6	EACH
LOW WATER CROSSING	0	EACH
OVERHEAD SIGN	0	EACH
PARK BOUNDARY	0	EACH
PAVED DITCH	0	LINEAR FEET
PULLOUT	0	EACH
RAILROAD CROSSING	0	EACH
RETAINING WALL	0	EACH
STATE BOUNDARY	0	EACH
TRAFFIC LIGHT	0	EACH
TUNNEL	0	EACH
TURNOUT	0	LINEAR FEET

GUIS: ROUTE MAINTENANCE FEATURES ROAD LOG

ROUTE 0011 : SANTA ROSA RD

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.000	0.000			ROUTE BEGINS AT WEST PARK BOUNDARY
0.013	0.013	PARK BOUNDARY	N/A	
1.307	1.307	INTERSECTION	RIGHT	PUBLIC BEACH PARKING #3 ON RIGHT (RTE 926)
1.374	1.374	INTERSECTION	RIGHT	PUBLIC BEACH PARKING #3 ON RIGHT (RTE 926)
2.489	2.489	INTERSECTION	RIGHT	PUBLIC BEACH PARKING #2 ON RIGHT (RTE 927)
2.552	2.552	INTERSECTION	RIGHT	PUBLIC BEACH PARKING #2 ON RIGHT (RTE 927)
3.645	3.645	INTERSECTION	RIGHT	OPAL BEACH PARKING (WEST) ON RIGHT (RTE 928)
3.924	3.924	INTERSECTION	LEFT	PUBLIC PARKING ON LEFT (RTE 929)
3.995	3.995	INTERSECTION	LEFT	PUBLIC PARKING ON LEFT (RTE 929)
4.257	4.257	INTERSECTION	RIGHT	OPAL BEACH PARKING (EAST) ON RIGHT (RTE 930)
5.851	5.851	INTERSECTION	RIGHT	PUBLIC BEACH PARKING #1 ON RIGHT (RTE 931)
5.919	5.919	INTERSECTION	RIGHT	PUBLIC BEACH PARKING #1 ON RIGHT (RTE 931)
7.058	7.058	PARK BOUNDARY	N/A	
7.070	7.070			ROUTE ENDS AT EAST PARK BOUNDARY

GUIS: ROUTE MAINTENANCE FEATURES ROAD LOG

ROUTE 0012 : FORT PICKENS ROAD

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.000	0.000			ROUTE BEGINS AT EAST PARK BOUNDARY
0.039	0.039	PARK BOUNDARY	N/A	
0.553	0.553	INTERSECTION	LEFT	
0.645	0.645	INTERSECTION	LEFT	
0.674	0.674	INTERSECTION	LEFT	
1.491	1.491	INTERSECTION	LEFT	PUBLIC BEACH PARKING #21 ON LEFT (RTE 921)
1.534	1.534	INTERSECTION	LEFT	PUBLIC BEACH PARKING #21 ON LEFT (RTE 921)
2.796	2.796	INTERSECTION	LEFT	PUBLIC BEACH PARKING #22 ON LEFT (RTE 920)
2.844	2.844	INTERSECTION	LEFT	PUBLIC BEACH PARKING #22 ON LEFT (RTE 920)
4.492	4.492	INTERSECTION	RIGHT	RANGER STATION ON RIGHT (RTE 919)
4.627	4.627	INTERSECTION	RIGHT	CAMP REGISTRATION ON RIGHT (RTE 919)
4.680	4.680	INTERSECTION	RIGHT	CAMP REGISTRATION ON RIGHT (RTE 919)
4.719	4.719	INTERSECTION	LEFT	LANGDON BEACH ROAD ON LEFT (RTE 100)
4.828	4.828	INTERSECTION	RIGHT	LANGDON BEACH PICNIC AREA ON RIGHT
4.915	4.915	INTERSECTION	RIGHT	BATTERY LANGDON PARKING ON RIGHT (RTE 933)
4.967	4.967	INTERSECTION	LEFT	LANGDON BEACH ROAD ON LEFT (RTE 100)
5.109	5.109	INTERSECTION	RIGHT	GROUP CAMPGROUND ON RIGHT
5.385	5.385	INTERSECTION	LEFT	
5.394	5.394	INTERSECTION	RIGHT	ROUTE 0202
5.713	5.713	INTERSECTION	RIGHT	ROUTE 0201
5.747	5.747	INTERSECTION	RIGHT	CAMPGROUND STORE PARKING ON RIGHT (RTE 916)

GUIS: ROUTE MAINTENANCE FEATURES ROAD LOG

ROUTE 0012 : FORT PICKENS ROAD

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
5.953	5.953	INTERSECTION	RIGHT	
5.972	5.972	INTERSECTION	LEFT	BATTERY 234 ACCESS ROAD (RTE 501)
5.973	5.973	INTERSECTION	RIGHT	BATTERY WORTH PICNIC AREA (RTE 915)
6.374	6.374	INTERSECTION	RIGHT	GRAVES PARKING ON RIGHT (RTE 912)
6.408	6.408	INTERSECTION	LEFT	BATTERY 234 ACCESS ROAD (RTE 501)
6.423	6.423	INTERSECTION	RIGHT	GRAVES PARKING ON RIGHT (RTE 912)
6.917	6.917	INTERSECTION	LEFT	
6.917	6.917	INTERSECTION	RIGHT	
7.014	7.014	INTERSECTION	RIGHT	
7.047	7.047	INTERSECTION	RIGHT	RTE 0402
7.053	7.053	INTERSECTION	LEFT	RTE 0401
7.057	7.057	INTERSECTION	RIGHT	DISTRICT OFFICE COMPLEX (RTE 907)
7.068	7.068	INTERSECTION	LEFT	DISTRICT OFFICE COMPLEX (RTE 907)
7.074	7.074	INTERSECTION	RIGHT	DISTRICT OFFICE COMPLEX (RTE 907)
7.090	7.090	INTERSECTION	LEFT	
7.100	7.100	INTERSECTION	LEFT	DISTRICT OFFICE COMPLEX (RTE 907)
7.110	7.110			ROUTE ENDS AT SEAWALL
7.115	7.115	INTERSECTION	RIGHT	EAST PARK BOUNDARY
7.116	7.116	INTERSECTION	LEFT	EAST PARK BOUNDARY

GUIS: ROUTE MAINTENANCE FEATURES ROAD LOG

ROUTE 0013 : JOHNSON BEACH ROAD

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.000	0.000			ROUTE BEGINS AT PARK BOUNDARY
0.008	0.008	INTERSECTION	RIGHT	
0.028	0.028	PARK BOUNDARY	N/A	
0.106	0.121	CURB	LEFT	
0.127	0.127	INTERSECTION	LEFT	
0.136	0.136	INTERSECTION	LEFT	
0.143	0.154	CURB	LEFT	
0.376	0.376	INTERSECTION	LEFT	RTE 200
0.377	0.377	INTERSECTION	RIGHT	RTE 906
2.400	2.400			ROUTE ENDS AT END
2.406	2.406	INTERSECTION	LEFT	END @ RTE 0013, 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 BEGINS AT HIGHWAY 90
0.016	0.033	PULLOUT	RIGHT	
0.023	0.023	PARK BOUNDARY	N/A	
0.023	0.029	CURB	RIGHT	
0.094	0.341	GUARDRAIL	RIGHT	
0.110	0.335	GUARDRAIL	LEFT	
0.143	0.225	PULLOUT	LEFT	
0.145	0.228	PULLOUT	RIGHT	
0.161	0.161	DROP INLET	LEFT	
0.162	0.162	DROP INLET	RIGHT	
0.165	0.205	BRIDGE	N/A	
0.212	0.212	DROP INLET	LEFT	
0.213	0.213	DROP INLET	RIGHT	
0.594	0.594	CULVERT	N/A	
0.655	0.694	GUARDRAIL	LEFT	
0.655	0.697	GUARDRAIL	RIGHT	
0.763	1.039	GUARDRAIL	LEFT	
0.777	1.042	GUARDRAIL	RIGHT	
0.874	0.942	PULLOUT	LEFT	
0.877	0.946	PULLOUT	RIGHT	
0.897	0.924	BRIDGE	N/A	
1.057	1.057	INTERSECTION	LEFT	VFW ROAD (ROUTE 0405)
1.379	1.379	INTERSECTION	LEFT	GOLLETT RD ON LEFT
1.596	1.596	INTERSECTION	LEFT	QUAVE RD ON LEFT
1.661	1.661	INTERSECTION	RIGHT	HANLEY RD ON RIGHT, RTE 0016
1.841	1.841	CULVERT	N/A	

GUIS: ROUTE MAINTENANCE FEATURES ROAD LOG

ROUTE 0015 : PARK ROAD

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
1.939	1.939	CULVERT	N/A	
2.003	2.003	INTERSECTION	LEFT	EAGLE POINT RD ON LEFT, RTE 0102
2.113	2.113	INTERSECTION	LEFT	GOVERNMENT BOAT DOCK ON LEFT, RTE 905
2.135	2.135	INTERSECTION	LEFT	ROUTE 0904
2.139	2.139	INTERSECTION	LEFT	ROUTE 0904
2.157	2.157	INTERSECTION	RIGHT	ROUTE 904
2.160	2.160			ROUTE ENDS AT ROUTE 904
2.161	2.161	INTERSECTION	LEFT	PARKING LOT ON LEFT

GUIS: ROUTE MAINTENANCE FEATURES ROAD LOG

ROUTE 0016 : HANLEY ROAD

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.000	0.000			ROUTE BEGINS AT NORTH PARK BOUNDARY
0.023	0.023	INTERSECTION	RIGHT	PUBLIC BEACH PARKING #3 ON RIGHT
0.124	0.124	INTERSECTION	LEFT	
0.167	0.167	INTERSECTION	LEFT	
0.238	0.238	INTERSECTION	RIGHT	DAVIS BAYOU CAMPGROUND (RTE 901)
0.243	0.243	INTERSECTION	RIGHT	
0.285	0.285	INTERSECTION	LEFT	
0.290	0.290	INTERSECTION	RIGHT	
0.324	0.324	INTERSECTION	RIGHT	
0.332	0.332	INTERSECTION	LEFT	
0.365	0.365	INTERSECTION	RIGHT	BOAT DOCK ACCESS (RTE 901)
0.372	0.372	INTERSECTION	LEFT	
0.382	0.382	INTERSECTION	LEFT	
0.431	0.443	BRIDGE	N/A	
0.432	0.449	PULLOUT	LEFT	
0.433	0.450	PULLOUT	RIGHT	
0.436	0.445	GUARDRAIL	LEFT	
0.438	0.448	GUARDRAIL	RIGHT	
0.492	0.492	CULVERT	N/A	
0.570	0.570	CULVERT	N/A	
0.692	0.692	INTERSECTION	LEFT	DAVIS BAYOU MAINTENANCE ON LEFT (RTE 903)
0.819	0.819	INTERSECTION	LEFT	END - PARK RD (RTE 15)
0.819	0.819	INTERSECTION	RIGHT	ROUTE 0015 (PARK ROAD)
0.820	0.820			ROUTE ENDS AT ROUTE 0015 (PARK ROAD)

GUIS: ROUTE MAINTENANCE FEATURES ROAD LOG

ROUTE 0100 : LANGDON BEACH ACCESS

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.000	0.000			ROUTE BEGINS AT ROUTE 0012 AT MP 495
0.007	0.007	INTERSECTION	RIGHT	ROUTE 0012
0.128	0.128	INTERSECTION	LEFT	LANGDON BEACH PARKING LEFT AND RIGHT, RTE 918
0.128	0.128	INTERSECTION	RIGHT	LANGDON BEACH PARKING LEFT AND RIGHT, RTE 918
0.326	0.326	INTERSECTION	RIGHT	ROUTE 0012 (WEST TO EAST)
0.327	0.327	INTERSECTION	LEFT	ROUTE 0012 (WEST TO EAST)
0.330	0.330			ROUTE ENDS AT ROUTE 0012 AT MP 47 (WEST TO EAST)
0.330	0.330	INTERSECTION	LEFT	

GUIS: ROUTE MAINTENANCE FEATURES ROAD LOG

ROUTE 0102 : EAGLE POINT ROAD

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.000	0.000			ROUTE BEGINS AT ROUTE 0015
0.006	0.006	INTERSECTION	RIGHT	ROUTE 0015
0.131	0.131	INTERSECTION	RIGHT	
0.210	0.210			ROUTE ENDS AT 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 BEGINS AT ROUTE 0016
0.006	0.006	INTERSECTION	LEFT	RTE 0016
0.039	0.039	INTERSECTION	RIGHT	
0.051	0.051	INTERSECTION	LEFT	
0.083	0.083	INTERSECTION	LEFT	
0.100	0.100	INTERSECTION	LEFT	
0.162	0.162	INTERSECTION	RIGHT	
0.190	0.190			ROUTE ENDS AT ROUTE 0902

GUIS: ROUTE MAINTENANCE FEATURES ROAD LOG

ROUTE 0200 : NATURE TRAIL ACCESS

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.000	0.000			ROUTE BEGINS AT ROUTE 0013
0.006	0.006	INTERSECTION	RIGHT	ROUTE 0013
0.150	0.150			ROUTE ENDS AT ROUTE 0935
0.151	0.151	INTERSECTION	RIGHT	ROUTE 0935

GUIS: ROUTE MAINTENANCE FEATURES ROAD LOG

ROUTE 0205 : LIVE OAK PICNIC ACCESS

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.000	0.000			ROUTE BEGINS AT US RT 98
0.006	0.006	INTERSECTION	LEFT	US RT 98
0.103	0.103	CULVERT	N/A	
0.180	0.180			ROUTE ENDS AT END OF PAVEMENT

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 BEGINS AT US ROUTE 98
0.009	0.009	INTERSECTION	RIGHT	
0.010	0.010	INTERSECTION	RIGHT	US RT 98
0.012	0.012	DROP INLET	LEFT	
0.043	0.043	INTERSECTION	LEFT	
0.052	0.052	INTERSECTION	RIGHT	
0.058	0.093	CURB	RIGHT	
0.078	0.078	INTERSECTION	LEFT	
0.097	0.097	INTERSECTION	LEFT	
0.099	0.099	INTERSECTION	RIGHT	
0.112	0.112	INTERSECTION	RIGHT	
0.114	0.114	INTERSECTION	LEFT	
0.120	0.120	INTERSECTION	RIGHT	
0.122	0.167	PULLOUT	RIGHT	
0.164	0.164	INTERSECTION	LEFT	RTE 925 ON LEFT
0.177	0.177	INTERSECTION	RIGHT	
0.185	0.185	INTERSECTION	RIGHT	
0.196	0.196	INTERSECTION	LEFT	RTE 925 ON LEFT
0.204	0.204	INTERSECTION	RIGHT	
0.249	0.249	INTERSECTION	RIGHT	
0.435	0.435	INTERSECTION	RIGHT	
0.440	0.440			ROUTE ENDS AT US ROUTE 98 (WEST TO EAST)
0.442	0.442	INTERSECTION	RIGHT	ROUTE 0922 (NAVAL LIVE OAKS GROUP CAMPGROUND)
0.444	0.444	INTERSECTION	LEFT	ROUTE 0922 (NAVAL LIVE OAKS GROUP CAMPGROUND)

GUIS: ROUTE MAINTENANCE FEATURES ROAD LOG

ROUTE 0500 : FT PICKENS LOOP ROAD

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.000	0.000			ROUTE BEGINS AT ROUTE 0012 EAST
0.007	0.007	INTERSECTION	RIGHT	ROUTE 0012
0.009	0.181	CURB	RIGHT	
0.012	0.374	CURB	LEFT	
0.185	0.185	INTERSECTION	RIGHT	
0.237	0.237	INTERSECTION	RIGHT	FT PICKENS INFORMATION CENTER PARKING, RTE 908
0.292	0.292	INTERSECTION	RIGHT	
0.312	0.677	CURB	RIGHT	
0.375	0.375	INTERSECTION	LEFT	FT PICKENS DISTRICT OFFICE COMPLEX PARKING, RT
0.379	0.473	CURB	LEFT	
0.480	0.480	INTERSECTION	LEFT	FORT PICKENS ROAD, RTE 0012
0.498	0.498	CULVERT	N/A	
0.512	0.512	INTERSECTION	LEFT	FT PICKENS DISTRICT OFFICE COMPLEX PARKING, TE
0.623	0.623	INTERSECTION	LEFT	BATTERY TRUEMAN PARKING, RTE 909
0.695	0.695	INTERSECTION	LEFT	ROUTE 0910
0.897	0.897	INTERSECTION	RIGHT	BATTERY PAYNE PARKING, RTE 911
0.921	0.934	PULLOUT	RIGHT	
1.007	1.018	PULLOUT	RIGHT	
1.026	1.026	INTERSECTION	RIGHT	
1.030	1.030			ROUTE ENDS AT ROUTE 0012
1.030	1.030	INTERSECTION	LEFT	ROUTE 0012
1.030	1.030	INTERSECTION	RIGHT	ROUTE 0012
1.031	1.031	INTERSECTION	LEFT	

GUIS: ROUTE MAINTENANCE FEATURES ROAD LOG

ROUTE 0501 : BATTERY 234 ACCESS

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.000	0.000			ROUTE BEGINS AT ROUTE 0012 AT MP 64
0.008	0.008	INTERSECTION	LEFT	ROUTE 0012
0.011	0.011	INTERSECTION	LEFT	
0.041	0.041	CULVERT	N/A	
0.239	0.239	INTERSECTION	LEFT	BATTERY 234 PARKING ON LEFT, RTE 913
0.399	0.399	INTERSECTION	LEFT	BATTERY COOPER PARKING ON LEFT, RTE 914
0.620	0.620			ROUTE ENDS AT ROUTE 0012 AT MP 60
0.620	0.620	INTERSECTION	LEFT	
0.621	0.621	INTERSECTION	RIGHT	

APPENDIX A: GLOSSARY OF TERMS AND ABBREVIATIONS

TERM OR ABBREVIATION	DESCRIPTION OR DEFINITION
5320	Numeric Code for Gulf Islands National Seashore
AADT	Annually Adjusted Daily Traffic. Average daily traffic adjusted for the term period comprising 80% of annual visitation
CRS	Condition Rating Sheets. (Section 5)
Drainage Condition Rating	A visual rating (Good, Poor) of the drainage condition. (see Section 10)
Excellent	Excellent rating with an index value of 95 or greater
Fair	Fair rating with an index value between 61 and 84
Func. Class	Functional Classification (see Route ID, Section 4)
Good	Good rating with an index value between 85 and 94
GUIS	Alpha Code for Gulf Islands National Seashore
IRI	International Roughness Index
Lane Width	Distance from road centerline to fogline, or from centerline to edge-of-pavement when no fogline exists
MRR	Manually Rated Route
NA	Not Applicable
NC	Not Collected
Paved Width	Distance from edge-of-pavement to edge-of-pavement
PCR	Pavement Condition Rating (see Section 10)

Poor	Poor Rating with an index value of 60 or less
RCI	Roughness Condition Index
SADT	Seasonal Annual Daily Traffic. Average daily traffic for the total defined "season"
SCR	Surface Condition Rating (see Section 10)
Shoulder Condition Rating	Visual rating (Good, Poor) of the condition of shoulder. (see 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 1 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 ocurr 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.

Rating Index Formulas

Alligator Cracking Index = 100 - [40 * (%low/70 + %medium/30 + %high/10)]
Longitudinal Cracking Index = 100 - [40 * (%low/350 + %medium/200 + %high/75)]
Transverse Cracking Index = 100 – [(20 * (low/15.1 + medium/7.5)) + (40 * (high/1.9))]
Patching Index = 100 - [40 * (%patching / 80)]
Rutting Index: 100-[40*((low/160) + (med/80) + (high/40))]
Roughness Condition Index: (RCI) = 32 * [5 * $e^{(-0.0041 * \text{average IRI})}$]

These 0.02 Distress Rating Index values are then averaged over one mile sections for the mile-by-mile Disitress Rating Indexes, Surface Condition Rating (SCR) and Pavement Condition Rating (PCR).

Surface Condition Rating (SCR) = 100 – [(100 – AC_INDEX) + (100 – LC_INDEX) + (100 – TC_INDEX) + (100 – PATCH_INDEX) + (100 – RUT_INDEX)]

Pavement Condition Rating (PCR) = (SCR * 0.60) + (RCI * 0.40)

NOTE: Collection of roughness data is dependant 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.

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

Excellent	97
Good	90
Fair	73
Poor	45

Drainage Condition Rating Definitions

Good: Minimal overall drainage problems. If funding were available for pavement maintenance, 25% or less is estimated to correct drainage deficiencies.

Poor: Problems exist that jeopardizes the integrity of the road in this section. If funding were available for pavement maintenance, 50% to 100% is estimated to correct drainage deficiencies.

Drainage Condition Rating Criteria

The following are examples of basic criteria to help the rater to identify the different drainage ratings. While in the field, many other flaws will be discovered, but these criteria should give a feel for where the flaws would apply in the ratings.

Good Drainage
Most water clears the road prism adequately with little concern of base saturation.

- X Pavement has minor deficiencies that interrupt water flow.
- X Shoulders are mostly adequate as they relate to surrounding terrain. Shoulder design generally coincides with the drainage design.
- X Curbs have deficiencies, but still function without erosion.
- X Down drains are placed properly, but show signs of some deterioration.
- X Culverts are adequate in numbers and size however, minor deficiencies are evident.
- X Ditches are not paved, but solid and have enough area to maintain and carry required volume of water.

Poor Drainage
This section has areas of inadequate drainage ability that is causing base saturation that could cause a road failure.

- X Pavement grade is irregular and holds dangerous amounts of water (hydroplaning is a concern), or shows massive alligator cracking.
- X Shoulder design induces ponding that encroaches on the pavement (drivers try to avoid ponds).
- X Portions of curbs are missing, allowing water to escape causing erosion.
- X Drop inlets, due to various reasons, are only able to drain 50% or less efficiently.
- X Down drains show signs of water exiting in areas by the down drain causing erosion.
- X Culverts are functionally deficient including size, installation, location, or grade giving water opportunity to saturate the road base.
- X Ditches allow water opportunity to saturate the road base through various reasons such as low places in ditch where design has not allowed for water to drain, little or no room in the road prism for a needed ditch, or water is disappearing within the ditch.

Shoulder Condition Rating Definitions

Good: The shoulder is generally in good functional condition.. If curbs are present, they are functional.

Poor: There is no shoulder because erosion has removed it. If curbs are present, they need to be replaced.

Shoulder Rating Criteria

The following are examples of basic criteria to help the rater to identify the different shoulder ratings. While in the field, many other flaws will be discovered, but these criteria should give a feel for where the flaws would apply in the ratings.

Good Shoulders

- X If shoulder is unpaved drop-offs are less than 1", but grading is required.
- X If shoulder is paved rut depth is less than 1/2", sealed cracks are present, and grading is required.
- X If curbs are present they are functional.

Poor Shoulder

- X If shoulder is unpaved drop-offs are greater than 4" and erosion has removed the shoulder.
- X If shoulder is paved rut depth is greater than 1". Open cracks are greater than 1/4" deep, and erosion has removed the shoulder.
- X If curbs are present they need replacement.
- X If curbs are present they need repairs, and there is erosion behind the curb.

APPENDIX C: DIGITAL IMAGE INFORMATION

All images collected in Cycle 3 are digital images. These images provide the best resolution for identifying sign inventories and pavement evaluations. The images can be viewed with an interactive software program called **Visi-Data**. Each park will have a copy of the Visi-Data program installed in the park for park personnel to access and use.

Only Cycle 3 data can be queried and reviewed using the Visi-Data software program. This program is a multimedia 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 trying to query. Associated digital right-of-way images from the either the LAN, USB port, individual DVD, or from the Visi-web application, can be presented along with the GPS locations.

APPENDIX D: METADATA

ARAN ROUTE GPS DATA

Background information of route spatial data.

GPS Records: GPS data for NPS routes is stored in the MS Access database for the park. The coordinates of the road traces are stored in the '**PMS_20**' table in the '**GPS_LAT**' and '**GPS_LON'** fields.

Data Collection Device:

Vehicle Information:	Ford Van
Type of GPS Unit:	NovAtel MiLLennium, 12 channel, dual frequency L1/L2, DGPS ready receiver w/MiLLennium 502 GPS antenna and OmniSTAR System 3000 LR
Inertial System:	Applanix POS LV

Accuracy: Expected ground accuracy is 1 meter *

*The above accuracy assumes good GPS mission planning resulting in maximum GPS satellite observation and ideal environmental conditions. Due to less than ideal satellite and environmental conditions, some routes may lack the expected ground accuracy.

Geographic Datum: WGS 1984

Post Collection GPS Correction: Due to unanticipated GPS collection inaccuracies, some route locations have been digitized using DOQQ's and other data sources.

FHWA – NPS Road Inventory Program
Cycle 3 Metadata for the Park Database

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

- Three canned reports are titled "Features in Good Condition", "Features in Fair Condition," and "Features in Poor Condition." These titles could be misleading. In Cycle 3, condition assessments have been conducted on **signs only**. Condition assessments have not been conducted on non-sign features, such as culverts, guardrails, pullouts, etc. Although the database and canned reports might report a default value of "good" for un-assessed features, these condition values are not valid for import into FMSS.
- Database records that show a concrete surface type sometimes include index values that seem to show a perfect roadway (e.g., a Pavement Condition Rating (PCR) of 100). The Road Inventory Program does not actually conduct condition assessments of concrete surfaces. The perfect values are just default values assigned to unassessed sections of pavement and do not represent an assessment of the roadway surface's quality.
- 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_Visidata 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.

- Most roadway features are collected relative to the primary direction lane of a roadway, using the primary-direction video. Signs are the only features collected using the opposite-direction video.

Key to Notes in Tables

(1): Note that only one value fits in field, so even if this value varies throughout the route, only one value is recorded here.
(2): Note that some MP values listed here are estimates recorded during the Route ID process for use by the data collection crew (e.g. "FROM ROUTE 0010 AT MILEPOST 30.3"). They are estimates only and are not expected to match the more accurate milepost values included elsewhere in the database in the BEG_MP, END_MP, and MP fields.
(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. Features along the side of a roadway that are measured using the Surveyor software might not be located very accurately. Surveyor is known to be most accurate when measuring quantities near the center of the video frame, as opposed to in the edges of the video image.
(5): Only signs are evaluated for condition. No other features' conditions are assessed, so "N/A" was originally intended to be the default value for unassessed features. However, some non-sign features do have condition ratings in the database. These are not accurate, because no assessment was ever done on non-sign features.
(6): Condition assessments are not conducted on concrete (CO) surface types. Perfect values for concrete road sections are default values and do not represent a condition assessment of the concrete surfaces.
(7): 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 resolution. 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
RIP_CYCLE	X	3, for data collection cycle 3	Route ID Meeting	FHWA Determination	100%
STATE	XX	State where route is located	Route ID Meeting	Park Input/FHWA Determination	Untested. (1)
PARK_ALPHA	XXXX	Park alpha code	Route ID Meeting	NPS References	Untested
PARK_NO	XXXX	Park numeric code	Route ID Meeting	NPS References	Untested
RTE_NO	XXXXXX	Route number	Route ID Meeting	Park Input/FHWA Classification	Untested
RTE_NAME	(Text)	Route name	Route ID Meeting	Park Input	Untested. 50 characters fit in field
FUNCT_CLASS	X	Route functional classification	Route ID Meeting	Park Input/FHWA Classification	Untested
DIRECTION	XXX	Survey lane: PRI (primary) or OPP (opposite)	Route ID Meeting	Park Input/FHWA Determination	Untested
BEG_MP_EST	999.999 (miles)	Estimated starting MP	Route ID Meeting	Park Input/FHWA Determination	Estimated before data collected
END_MP_EST	999.999 (miles)	Estimated ending MP	Route ID Meeting	Park Input/FHWA Determination	Estimated before data collected
RTE_LENGTH	999.999 (miles)	Collected route length	ARAN Data Collection	Automatic Output	100%
FROM_DESC	(Text)	Beginning terminus of route	Route ID Meeting	Park Input/FHWA Determination	Estimated before data collected. (2)
TO_DESC	(Text)	Ending terminus of route	Route ID Meeting	Park Input/FHWA Determination	Estimated before data collected. (2)
NO_LANES	X	Number of lanes in route	ARAN Data Collection	Survey Crew Input	Untested. (1)
SURF_TYPE	XX	Surface type of route	ARAN Data Collection	Survey Crew Input	Untested. (1)
COMP_DIR	XX	Compass direction of route's primary lane (nearest cardinal direction)	Route ID Meeting	Park Input/FHWA Determination	Untested
COMMENTS	(Text)	Special information, if any	Contractor Post-processing	Contractor Input	Untested
FILENAME	XXXXXXXX	Filename of raw data files	ARAN Data Collection	Automatic Output	100%
SECTION	XXXXXX	Route section ID	Route ID Meeting/ARAN Data Collection	Survey Crew Input/Automatic Output	100%
FKEY	9999999	Unique record ID	Contractor Post-processing	Database Processing	100%
DATE	DD/MM/YY	Data collection date	ARAN Data Collection	Automatic Output	100%
BEG_MP	999.999 (miles)	Beginning MP collected	ARAN Data Collection	Automatic Output	100% (3)
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
RIP_CYCLE	X	3, for data collection cycle 3	Route ID Meeting	FHWA Determination	100%
STATE	XX	State where route is located	Route ID Meeting	Park Input/FHWA Determination	Untested. (1)
PARK_ALPHA	XXXX	Park alpha code	Route ID Meeting	NPS References	Untested
PARK_NO	XXXX	Park numeric code	Route ID Meeting	NPS References	Untested
RTE_NO	XXXXXX	Route number	Route ID Meeting	Park Input/FHWA Classification	Untested
FUNCT_CLASS	X	Route functional class	Route ID Meeting	Park Input/FHWA Classification	Untested
DIRECTION	XXX	Survey lane: PRI (primary) or OPP (opposite)	Route ID Meeting	Park Input/FHWA Determination	Untested
MP	999.999 (miles)	Feature location along route	ARAN Data Collection/Contractor Post-processing	Survey Crew Input/Video Processing	Untested (4)
EVENT	XXXX	Event category of feature	Contractor Post-processing	Video Processing	Untested
EVENT_CODE	XXXX	Event sub-category of feature	Contractor Post-processing	Video Processing	Untested
EVENT_DESC	(Text)	Description of feature/contents of sign	Contractor Post-processing	Video Processing	Untested
MUTCD	"N/A"	N/A. Intended to be sign MUTCD code	Contractor Post-processing	Database Processing	Values inaccurate, defaulted to N/A
CONDITION	XXX	Sign condition (G-D, F-R, P-R, N/A)	Contractor Post-processing	Video Processing	Untested (5)
COMMENT	(Text)	Sign label, intersecting route, etc.	Contractor Post-processing	Database Processing	Untested
OFFSET	"N/A"	N/A. Intended to be offset from pavement edge	Contractor Post-processing	Database Processing	Values inaccurate, defaulted to N/A
SIDE	XXX	Side of route; "N/A" if not on one side	Contractor Post-processing	Video Processing	Untested
STR_NUMBER	XXXXXXXXXX	FHWA bridge structure number	FHWA Post-processing	Database Processing	Untested
GPS_LAT	"N/A"	N/A. Intended to be latitude coordinate	Contractor Post-processing	Database Processing	Values inaccurate, defaulted to N/A
GPS_LON	"N/A"	N/A. Intended to be longitude coordinate	Contractor Post-processing	Database Processing	Values inaccurate, defaulted to N/A
GPS_ELEV	"N/A"	N/A. Intended to be elevation	Contractor Post-processing	Database Processing	Values inaccurate, defaulted to N/A
GPS_MODE	"N/A"	N/A. Intended to be GPS mode	Contractor Post-processing	Database Processing	Values inaccurate, defaulted to N/A
VIDEO	<*Park*>C03VID<#>	Removable USB video hard drive number	Contractor Post-processing	Database Processing	Untested
IMAGE	(Text)	Filename of .jpg image showing feature	Contractor Post-processing	Automatic Output	Untested
DATE	DD/MM/YY	Data collection date	ARAN Data Collection	Automatic Output	100%
FILENAME	XXXXXXXX	Filename of raw data files	ARAN Data Collection	Automatic Output	100%
SECTION	XXXXXX	Route section ID	Route ID Meeting/ARAN Data Collection	Survey Crew Input/Automatic Output	100%
FKEY	9999999	Unique record ID	Contractor Post-processing	Database Processing	100%
VISI_FROM	999999 (millimiles)	Raw MP of first video frame showing feature	Contractor Post-processing	Database Processing	Untested
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
IDKEY	(Text)	Unique record ID used by VisiData	Contractor Post-processing	Database Processing	Untested
MP_REF	(Text)	Range of mileage to play in VisiData	Contractor Post-processing	Database Processing	Untested

PMS_20, PMS_Mile & PMS_Visidata Tables Metadata:

FIELD	FORMAT	EXPECTED VALUE	SOURCE	VALIDATION	EXPECTED ACCURACY
RIP_CYCLE	X	3, for data collection cycle 3	Route ID Meeting	FHWA Determination	100%
STATE	XX	State where route is located	Route ID Meeting	Park Input/FHWA Determination	Untested. (1)
PARK_ALPHA	XXXX	Park alpha code	Route ID Meeting	NPS References	Untested
PARK_NO	XXXX	Park numeric code	Route ID Meeting	NPS References	Untested
RTE_NO	XXXXXX	Route number	Route ID Meeting	Park Input/FHWA Classification	Untested
FUNCT_CLASS	X	Route functional class	Route ID Meeting	Park Input/FHWA Classification	Untested
DIRECTION	XXX	Survey lane: PRI (primary) or OPP (opposite)	Route ID Meeting	Park Input/FHWA Determination	Untested
BEG_MP	999.999 (miles)	MP at start of road interval described by database record	Contractor Post-processing	Database Processing	100% (3)
END_MP	999.999 (miles)	MP at end of road interval described by database record	Contractor Post-processing	Database Processing	100% (3)
INT_LENGTH	999.9 (ft)	Length of road interval as aggregated for data table	Contractor Post-processing	Database Processing	100%
RTE_LENGTH	999.999 (miles)	Collected route length	ARAN Data Collection	Automatic Output	100%
NO_LANES	X	Number of lanes in route	ARAN Data Collection	Survey Crew Input	Untested. (1)
LANE_NO	X	Data collection lane	Contractor Post-processing	Database Processing	Untested
WX_LANE_WIDTH	99.999 (ft)	WiseCrax (crack detection software) analysis width	Contractor Post-processing	Automatic Output	Untested
LANE_WIDTH	99.999 (ft)	Width of lane	Contractor Post-processing	Video Processing	Untested
PAVE_WIDTH	99.999 (ft)	Full pavement width	Contractor Post-processing	Video Processing	Untested
SHLD_WIDTH_L	99.999 (ft)	Left shoulder width	Contractor Post-processing	Video Processing	Untested
SHLD_WIDTH_R	99.999 (ft)	Right shoulder width	Contractor Post-processing	Video Processing	Untested
SHLD_COND_L	XXXX	Left shoulder condition	ARAN Data Collection	Survey Crew Input	Untested
SHLD_COND_R	XXXX	Right shoulder condition	ARAN Data Collection	Survey Crew Input	Untested
DRAIN_COND_L	XXXX	Left drainage condition	ARAN Data Collection	Survey Crew Input	Untested
DRAIN_COND_R	XXXX	Right drainage condition	ARAN Data Collection	Survey Crew Input	Untested
SURF_TYPE	XX	Surface type of route	ARAN Data Collection	Survey Crew Input	Untested. (1)
PCR	999	Pavement Condition Rating	Contractor Post-processing	Database Processing	100% for calculation (6)
RCI	999	Roughness Condition Index; -1 if invalid IRI	Contractor Post-processing	Database Processing	100% for calculation

FIELD	FORMAT	EXPECTED VALUE	SOURCE	VALIDATION	EXPECTED ACCURACY
SCR	999	Surface Condition Rating	Contractor Post-processing	Database Processing	100% for calculation (6)
IRI_AVG	999.9 (inches/mile)	Average IRI	Contractor Post-processing	Database Processing	Untested
IRI_SD	999.9 (inches/mile)	IRI standard deviation	Contractor Post-processing	Database Processing	Untested
IRI_L	999.9 (inches/mile)	Left wheel path IRI	ARAN Data Collection	Automatic Output	Untested
IRI_R	999.9 (inches/mile)	Right wheel path IRI	ARAN Data Collection	Automatic Output	Untested
IRI_FLAG	0 or -1	-1 if invalid IRI data	Contractor Post-processing	Database Processing	Untested
RUT_INDEX	999	Rut index	Contractor Post-processing	Database Processing	100% for calculation (6)
RUT_AVG	99.99 (inches)	Average rut depth of both wheelpaths	Contractor Post-processing	Database Processing	Untested (6)
RUT_MAX	99.99 (inches)	Maximum rut depth of both wheelpaths	Contractor Post-processing	Database Processing	Untested (6)
RUT_SD	9.9	Rut depth standard deviation	Contractor Post-processing	Database Processing	Untested (6)
RUT_LOW	999 (%)	Percent of low severity ruts (on a 0-200% scale) in both wheelpaths	Contractor Post-processing	Database Processing	Untested (6)
RUT_MED	999 (%)	Percent of medium severity ruts (on a 0-200% scale) in both wheelpaths	Contractor Post-processing	Database Processing	Untested (6)
RUT_HI	999 (%)	Percent of high severity ruts (on a 0-200% scale) in both wheelpaths	Contractor Post-processing	Database Processing	Untested (6)
XFALL	999.9 (% slope)	Cross fall at start of road interval	ARAN Data Collection	Automatic Output	Precise but inaccurate. Not reported in Cycle 4
GRADE	999.9 (% slope)	Grade at start of road interval	ARAN Data Collection	Automatic Output	Precise but inaccurate. Not reported in Cycle 4
AC_INDEX	999	Alligator cracking index	Contractor Post-processing	Database Processing	100% for calculation (6)
AC_LOW	999.9999 (%)	Percent of WiseCrax measured lane area with low-severity alligator cracking	Contractor Post-processing	Automatic Output	(6) (7)
AC_MED	999.9999 (%)	Percent of WiseCrax measured lane area with medium-severity alligator cracking	Contractor Post-processing	Automatic Output	(6) (7)
AC_HI	999.9999 (%)	Percent of WiseCrax measured lane area with high-severity alligator cracking	Contractor Post-processing	Automatic Output	(6) (7)
LC_INDEX	999	Longitudinal cracking index	Contractor Post-processing	Database Processing	100% for calculation (6)
LC_LOW	999.99 (%)	Low-severity longitudinal cracking in lane as a percentage of road interval length	Contractor Post-processing	Automatic Output	(6) (7)
LC_MED	999.99 (%)	Medium-severity longitudinal cracking in lane as a percentage of road interval length	Contractor Post-processing	Automatic Output	(6) (7)
LC_HI	999.99 (%)	High-severity longitudinal cracking in lane as a percentage of road interval length	Contractor Post-processing	Automatic Output	(6) (7)
TC_INDEX	999	Transverse cracking index	Contractor Post-processing	Database Processing	100% for calculation (6)
TC_LOW	999.99 (cracks)	Count of low-severity transverse cracks, where one crack unit equals the WiseCrax measured lane width	Contractor Post-processing	Automatic Output	(6) (7)
TC_MED	999.99 (cracks)	Count of medium-severity transverse cracks, where one crack unit equals the WiseCrax measured lane width	Contractor Post-processing	Automatic Output	(6) (7)
TC_HI	999.99 (cracks)	Count of high-severity transverse cracks, where one crack unit equals the WiseCrax measured lane width	Contractor Post-processing	Automatic Output	(6) (7)
PATCH_INDEX	999	Patching index	Contractor Post-processing	Database Processing	100% for calculation (6)

FIELD	FORMAT	EXPECTED VALUE	SOURCE	VALIDATION	EXPECTED ACCURACY
PATCHING	999.9999 (%)	Percent of WiseCrax measured lane area affected by patching	Contractor Post-processing	Manual Pavement Video Processing	Untested (6)
GPS_LAT	999.999999	Latitude coordinate	ARAN Data Collection	Automatic Output	See GPS Metadata sheet distributed with data
GPS_LON	-999.999999	Longitude coordinate	ARAN Data Collection	Automatic Output	See GPS Metadata sheet distributed with data
GPS_ELEV	99999.9	Elevation	ARAN Data Collection	Automatic Output	See GPS Metadata sheet distributed with data
GPS_MODE	XXX	GPS mode during collection	ARAN Data Collection	Automatic Output	See GPS Metadata sheet distributed with data
VIDEO	<*Park*>C03VID<#>	Removable USB video hard drive number	Contractor Post-processing	Database Processing	Untested
IMAGE	(Text)	Filename of .jpg image showing road interval	Contractor Post-processing	Automatic Output	Untested
SPEED	999 (miles/hour)	Average ARAN speed during data collection	ARAN Data Collection	Automatic Output	Untested
BRIDGE_FLAG	0 or 1	Flag indicating presence of bridge in interval	ARAN Data Collection	Survey Crew Input	Untested
CONSTR_FLAG	0 or 1	Flag indicating construction in interval	ARAN Data Collection	Survey Crew Input	Untested
LANEDEV_FLAG	0 or 1	Flag indicating lane deviation in interval	ARAN Data Collection	Survey Crew Input	Untested
DATE	DD/MM/YY	Data collection date	ARAN Data Collection	Automatic Output	100%
NODISTRESS	0 OR 1	Flag indicating absence of pavement distress	Contractor Post-processing	Database Processing	100%
FILENAME	XXXXXXXX	Filename of raw data files	ARAN Data Collection	Automatic Output	100%
SECTION	XXXXXX	Route section ID	Route ID Meeting/ARAN Data Collection	Survey Crew Input/Automatic Output	100%
FKEY	9999999	Unique record ID	Contractor Post-processing	Database Processing	100%
VISI_FROM	999999 (millimiles)	Raw MP of first video frame in section	Contractor Post-processing	Database Processing	Untested
VISI_TO	999999 (millimiles)	Raw MP of last video frame in section	Contractor Post-processing	Database Processing	Untested
IDKEY	(Text)	Unique record ID used by VisiData	Contractor Post-processing	Database Processing	Untested
MP_REF	(Text)	Range of mileage to play in VisiData	Contractor Post-processing	Database Processing	Untested

Cycle Shapefile Metadata

Metadata is provided for all shapefiles used for the creation of RIP report documents. The metadata for each shapefile associated with the park can be found in Section 10 of the PDF report provided on your park CD.

All shapefiles have the following spatial characteristics:

Geographic_Coordinate_Units: Decimal degrees
Spheroid: WGS 1984

guis_seg

Metadata also available as

Metadata:

Identification_Information:
Citation:
Citation_Information:
Originator: The TSR Group
Publication_Date: 2005
Title: guis_seg
Geospatial_Data_Presentation_Form: vector digital data
Online_Linkage: Not Available
Description:
Abstract: Routes
Purpose: Road Inventory Program
Supplemental_Information:
Data created by The TSR Group from GPS coordinates provided in the PMS_20 table. The shapefile is processed to aggregate adjacent segments with the same PCR rating.
Time_Period_of_Content:
Time_Period_Information:
Single_Date/Time:
Calendar_Date: 2005
Currentness_Reference: ground condition
Status:
Progress: Complete
Maintenance_and_Update_Frequency: As per RIP cycle
Spatial_Domain:
Bounding_Coordinates:
West_Bounding_Coordinate: -88.795311
East_Bounding_Coordinate: -86.918640
North_Bounding_Coordinate: 30.411957
South_Bounding_Coordinate: 30.299004
Keywords:
Theme:
Theme_Keyword_Thesaurus: GUIS
Theme_Keyword: GUIS

Access_Constraints: None
Use_Constraints: Redistribution needs permission from EFLHD/NPS
Point_of_Contact:
Contact_Information:
Contact_Person_Primary:
Contact_Person: Dan VanGilder
Contact_Organization: EFLHD
Contact_Position: GIS Coordinator
Contact_Address:
Address_Type: mailing and physical address
Address: 21400 Ridgetop Circle
City: Sterling
State_or_Province: Virginia
Postal_Code: 20166
Country: United States
Contact_Voice_Telephone: 703-404-6361
Contact_Electronic_Mail_Address: dvangilder@fhwa.dot.gov
Native_Data_Set_Environment:
Microsoft Windows 2000 Version 5.1 (Build 2600) Service Pack 2; ESRI ArcCatalog 8.3.0.800

Data_Quality_Information:
Attribute_Accuracy:
Attribute_Accuracy_Report: Good
Completeness_Report: Complete for routes
Lineage:
Source_Information:
Type_of_Source_Media: GPS

Spatial_Data_Organization_Information:
Direct_Spatial_Reference_Method: Vector
Point_and_Vector_Object_Information:
SDTS_Terms_Description:
SDTS_Point_and_Vector_Object_Type: String
Point_and_Vector_Object_Count: 155

Spatial_Reference_Information:
Horizontal_Coordinate_System_Definition:
Geographic:
Latitude_Resolution: 0.000000
Longitude_Resolution: 0.000000
Geographic_Coordinate_Units: Decimal degrees
Geodetic_Model:
Horizontal_Datum_Name: North American Datum of 1927
Ellipsoid_Name: Clarke 1866

Semi-major_Axis: 6378206.400000
Denominator_of_Flattening_Ratio: 294.978698

Entity_and_Attribute_Information:
Detailed_Description:
Entity_Type:
Entity_Type_Label: guis_seg
Attribute:
Attribute_Label: FID
Attribute_Definition: Internal feature number.
Attribute_Definition_Source: ESRI
Attribute_Domain_Values:
Unrepresentable_Domain:
Sequential unique whole numbers that are automatically generated.
Attribute:
Attribute_Label: Shape
Attribute_Definition: Feature geometry.
Attribute_Definition_Source: ESRI
Attribute_Domain_Values:
Unrepresentable_Domain: Coordinates defining the features.
Attribute:
Attribute_Label: FNODE_
Attribute_Definition: Length of feature
Attribute_Definition_Source: ESRI
Attribute:
Attribute_Label: TNODE_
Attribute:
Attribute_Label: LPOLY_
Attribute_Definition: Route number
Attribute_Definition_Source: Route ID Meeting
Attribute:
Attribute_Label: RPOLY_
Attribute_Definition: Collected route length
Attribute_Definition_Source: ARAN Data Collection
Attribute:
Attribute_Label: LENGTH
Attribute_Definition:
Numeric PCR definition. Average PCR value based on programatic averaging of adjacent segments.
Attribute_Domain_Values:
Range_Domain:
Range_Domain_Minimum: 0
Range_Domain_Maximum: 100
Attribute:
Attribute_Label: GUIS_SEG_
Attribute_Definition: Verbal PCR definition based on value in PCRAV field
Attribute_Domain_Values:
Enumerated_Domain:
Enumerated_Domain_Value: POOR

Enumerated_Domain_Value_Definition: PCR value <= 60
Enumerated_Domain:
Enumerated_Domain_Value: FAIR
Enumerated_Domain_Value_Definition: PCR value 61-84
Enumerated_Domain:
Enumerated_Domain_Value: GOOD
Enumerated_Domain_Value_Definition: PCR value 85-94
Enumerated_Domain:
Enumerated_Domain_Value: EXCELLENT
Enumerated_Domain_Value_Definition: PCR value 95-100

Attribute:
Attribute_Label: GUIS_SEG_I
Attribute_Definition: Indicates whether feature has been edited for graphic purposes.
Attribute_Domain_Values:
Enumerated_Domain:
Enumerated_Domain_Value: 1
Enumerated_Domain_Value_Definition: Edit has been made to feature for graphic purposes
Enumerated_Domain:
Enumerated_Domain_Value: 0
Enumerated_Domain_Value_Definition: No edit made to feature.

Attribute:
Attribute_Label: ID

Attribute:
Attribute_Label: RTE_NO

Attribute:
Attribute_Label: BMP

Attribute:
Attribute_Label: EMP

Attribute:
Attribute_Label: PCR

Attribute:
Attribute_Label: PCR_RATE

Attribute:
Attribute_Label: RT_LENGTH

Attribute:
Attribute_Label: PCRMI

Attribute:
Attribute_Label: PCR_RATEMI

Attribute:
Attribute_Label: PCR_RATEAV

Attribute:
Attribute_Label: PCRAV

Attribute:
Attribute_Label: TSR_EDIT

Distribution_Information:
Resource_Description: Downloadable Data
Standard_Order_Process:

Digital_Form:
Digital_Transfer_Information:
Transfer_Size: 0.016

Metadata_Reference_Information:
Metadata_Date: 20060105
Metadata_Contact:
Contact_Information:
Contact_Organization_Primary:
Contact_Organization: EFLHD Sterling
Contact_Person: Dan VanGilder
Contact_Position: GIS Coordinator
Contact_Address:
Address_Type: mailing and physical address
City: Sterling
State_or_Province: Virginia
Postal_Code: 20166
Country: United States
Contact_Voice_Telephone: 703-404-6361
Contact_Electronic_Mail_Address: dvangilder@fhwa.dot.gov
Metadata_Standard_Name: FGDC Content Standards for Digital Geospatial Metadata
Metadata_Standard_Version: FGDC-STD-001-1998
Metadata_Time_Convention: local time
Metadata_Extensions:
Online_Linkage: <http://www.esri.com/metadata/esriprof80.html>
Profile_Name: ESRI Metadata Profile

Generated by mp version 2.7.33 on Thu Jan 05 08:35:14 2006

guis_pkg_03

Metadata also available as

Metadata:

Identification_Information:
Citation:
Citation_Information:
Originator: Eastern Federal Lands Highway Division
Publication_Date: Unknown
Title: guis_pkg_03
Geospatial_Data_Presentation_Form: vector digital data
Online_Linkage: Not Available
Description:
Abstract: Parking Areas
Purpose: Road Inventory Program
Time_Period_of_Content:
Time_Period_Information:
Single_Date/Time:
Calendar_Date: 2/9/1998
Currentness_Reference: ground condition
Status:
Progress: Complete
Maintenance_and_Update_Frequency: As per RIP cycle
Spatial_Domain:
Bounding_Coordinates:
West_Bounding_Coordinate: -88.793677
East_Bounding_Coordinate: -86.578200
North_Bounding_Coordinate: 30.398893
South_Bounding_Coordinate: 30.299217
Keywords:
Theme:
Theme_Keyword_Thesaurus: GUIS
Theme_Keyword: GUIS
Access_Constraints: None
Use_Constraints: Redistribution needs permission from EFLHD/NPS
Point_of_Contact:
Contact_Information:

Contact_Person_Primary:
Contact_Person: Dan VanGilder
Contact_Organization: EFLHD
Contact_Position: GIS Coordinator
Contact_Address:
Address_Type: mailing and physical address
Address: 21400 Ridgetop Circle
City: Sterling
State_or_Province: Virginia
Postal_Code: 20166
Country: United States
Contact_Voice_Telephone: 703-404-6361
Contact_Electronic_Mail_Address: dvangilder@fhwa.dot.gov
Native_Data_Set_Environment:
Microsoft Windows 2000 Version 5.1 (Build 2600) Service Pack 2; ESRI ArcCatalog 8.3.0.800

Data_Quality_Information:
Attribute_Accuracy:
Attribute_Accuracy_Report: Good
Completeness_Report: Complete for parking areas
Lineage:
Source_Information:
Type_of_Source_Media: GPS

Spatial_Data_Organization_Information:
Direct_Spatial_Reference_Method: Vector
Point_and_Vector_Object_Information:
SDTS_Terms_Description:
SDTS_Point_and_Vector_Object_Type: G-polygon
Point_and_Vector_Object_Count: 49

Spatial_Reference_Information:
Horizontal_Coordinate_System_Definition:
Geographic:
Latitude_Resolution: 0.000000
Longitude_Resolution: 0.000000
Geographic_Coordinate_Units: Decimal degrees
Geodetic_Model:
Horizontal_Datum_Name: North American Datum of 1927
Ellipsoid_Name: Clarke 1866
Semi-major_Axis: 6378206.400000
Denominator_of_Flattening_Ratio: 294.978698

Entity_and_Attribute_Information:
Detailed_Description:
Entity_Type:
Entity_Type_Label: guis_pkg_03
Attribute:
Attribute_Label: FID
Attribute_Definition: Internal feature number.
Attribute_Definition_Source: ESRI
Attribute_Domain_Values:
Unrepresentable_Domain:
Sequential unique whole numbers that are automatically generated.
Attribute:
Attribute_Label: Shape
Attribute_Definition: Feature geometry.
Attribute_Definition_Source: ESRI
Attribute_Domain_Values:
Unrepresentable_Domain: Coordinates defining the features.
Attribute:
Attribute_Label: PARK_ALPHA
Attribute_Definition: Park alpha code
Attribute_Definition_Source: Route ID Meeting
Attribute:
Attribute_Label: RTE_NO
Attribute_Definition: Route number
Attribute_Definition_Source: Route ID Meeting
Attribute:
Attribute_Label: RTE_NAME
Attribute_Definition: Route name
Attribute_Definition_Source: Route ID Meeting
Attribute:
Attribute_Label: FEATURE
Attribute:
Attribute_Label: SURF_TYPE
Attribute_Definition: Surface type of route
Attribute_Domain_Values:
Attribute:
Attribute_Label: CONDITION
Attribute_Definition: Condition rating for route
Attribute:
Attribute_Label: PHOTOS
Attribute_Definition: Photo filename associated with feature
Attribute:
Attribute_Label: COMMENT
Attribute_Definition: Field comment
Attribute:
Attribute_Label: GPS_DATE
Attribute_Definition: Date of GPS collection
Attribute:
Attribute_Label: DATAFILE
Attribute:
Attribute_Label: SQ_FT

Attribute_Definition: Feature area in square feet

Distribution_Information:
Resource_Description: Downloadable Data
Standard_Order_Process:
Digital_Form:
Digital_Transfer_Information:
Transfer_Size: 0.018

Metadata_Reference_Information:
Metadata_Date: 20060105
Metadata_Contact:
Contact_Information:
Contact_Organization_Primary:
Contact_Organization: EFLHD Sterling
Contact_Person: Dan VanGilder
Contact_Position: GIS Coordinator
Contact_Address:
Address_Type: mailing and physical address
Address: 21400 Ridgetop Circle
City: Sterling
State_or_Province: Virginia
Postal_Code: 20166
Country: United States
Contact_Voice_Telephone: 703-404-6361
Contact_Electronic_Mail_Address: dvangilder@fhwa.dot.gov
Metadata_Standard_Name: FGDC Content Standards for Digital Geospatial Metadata
Metadata_Standard_Version: FGDC-STD-001-1998
Metadata_Time_Convention: local time
Metadata_Extensions:
Online_Linkage: <http://www.esri.com/metadata/esriprof80.html>
Profile_Name: ESRI Metadata Profile

Generated by mp version 2.7.33 on Thu Jan 05 08:30:49 2006

guis_pkg_03_map

Metadata also available as

Metadata:

Identification_Information:
Citation:
Citation_Information:
Originator: Eastern Federal Lands Highway Division
Publication_Date: Unknown
Title: guis_pkg_03_map
Geospatial_Data_Presentation_Form: vector digital data
Online_Linkage: Not Available
Description:
Abstract: Copy of Parking Areas
Purpose: Road Inventory Program
Supplemental_Information:
This shapefile is a copy of the source parking shapefile. The features are edited as needed for graphic purposes.
Time_Period_of_Content:
Time_Period_Information:
Single_Date/Time:
Calendar_Date: 2/9/1998
Currentness_Reference: ground condition
Status:
Progress: Complete
Maintenance_and_Update_Frequency: As per RIP cycle
Spatial_Domain:
Bounding_Coordinates:
West_Bounding_Coordinate: -88.793612
East_Bounding_Coordinate: -86.578200
North_Bounding_Coordinate: 30.398893
South_Bounding_Coordinate: 30.299189
Keywords:
Theme:
Theme_Keyword_Thesaurus: GUIS
Theme_Keyword: GUIS
Access_Constraints: None

Use_Constraints: Redistribution needs permission from EFLHD/NPS
Point_of_Contact:
Contact_Information:
Contact_Person_Primary:
Contact_Person: Dan VanGilder
Contact_Organization: EFLHD
Contact_Position: GIS Coordinator
Contact_Address:
Address_Type: mailing and physical address
Address: 21400 Ridgetop Circle
City: Sterling
State_or_Province: Virginia
Postal_Code: 20166
Country: United States
Contact_Voice_Telephone: 703-404-6361
Contact_Electronic_Mail_Address: dvangilder@fhwa.dot.gov
Native_Data_Set_Environment:
Microsoft Windows 2000 Version 5.1 (Build 2600) Service Pack 2; ESRI ArcCatalog 8.3.0.800

Data_Quality_Information:
Attribute_Accuracy:
Attribute_Accuracy_Report: Good
Completeness_Report: Complete for parking areas
Lineage:
Source_Information:
Type_of_Source_Media: GPS

Spatial_Data_Organization_Information:
Direct_Spatial_Reference_Method: Vector
Point_and_Vector_Object_Information:
SDTS_Terms_Description:
SDTS_Point_and_Vector_Object_Type: G-polygon
Point_and_Vector_Object_Count: 49

Spatial_Reference_Information:
Horizontal_Coordinate_System_Definition:
Geographic:
Latitude_Resolution: 0.000000
Longitude_Resolution: 0.000000
Geographic_Coordinate_Units: Decimal degrees
Geodetic_Model:
Horizontal_Datum_Name: North American Datum of 1927
Ellipsoid_Name: Clarke 1866
Semi-major_Axis: 6378206.400000

Denominator_of_Flattening_Ratio: 294.978698

Entity_and_Attribute_Information:
Detailed_Description:
Entity_Type:
Entity_Type_Label: guis_pkg_03_map
Attribute:
Attribute_Label: FID
Attribute_Definition: Internal feature number.
Attribute_Definition_Source: ESRI
Attribute_Domain_Values:
Unrepresentable_Domain:
Sequential unique whole numbers that are automatically generated.
Attribute:
Attribute_Label: Shape
Attribute_Definition: Feature geometry.
Attribute_Definition_Source: ESRI
Attribute_Domain_Values:
Unrepresentable_Domain: Coordinates defining the features.
Attribute:
Attribute_Label: PARK_ALPHA
Attribute_Definition: Park alpha code
Attribute_Definition_Source: Route ID Meeting
Attribute:
Attribute_Label: RTE_NO
Attribute_Definition: Route number
Attribute_Definition_Source: Route ID Meeting
Attribute:
Attribute_Label: RTE_NAME
Attribute_Definition: Route name
Attribute_Definition_Source: Route ID Meeting
Attribute:
Attribute_Label: FEATURE
Attribute:
Attribute_Label: SURF_TYPE
Attribute_Definition: Surface type of route
Attribute_Domain_Values:
Attribute:
Attribute_Label: CONDITION
Attribute_Definition: Condition rating for route
Attribute:
Attribute_Label: PHOTOS
Attribute_Definition: Photo filename associated with feature
Attribute:
Attribute_Label: COMMENT
Attribute_Definition: Field comment
Attribute:
Attribute_Label: GPS_DATE
Attribute_Definition: Date of GPS collection

Attribute:
Attribute_Label: DATAFILE
Attribute:
Attribute_Label: SQ_FT
Attribute_Definition: Feature area in square feet

Distribution_Information:
Resource_Description: Downloadable Data
Standard_Order_Process:
Digital_Form:
Digital_Transfer_Information:
Transfer_Size: 0.018

Metadata_Reference_Information:
Metadata_Date: 20060105
Metadata_Contact:
Contact_Information:
Contact_Organization_Primary:
Contact_Organization: EFLHD Sterling
Contact_Person: Dan VanGilder
Contact_Position: GIS Coordinator
Contact_Address:
Address_Type: mailing and physical address
Address: 21400 Ridgetop Circle
City: Sterling
State_or_Province: Virginia
Postal_Code: 20166
Country: United States
Contact_Voice_Telephone: 703-404-6361
Contact_Electronic_Mail_Address: dvangilder@fhwa.dot.gov
Metadata_Standard_Name: FGDC Content Standards for Digital Geospatial Metadata
Metadata_Standard_Version: FGDC-STD-001-1998
Metadata_Time_Convention: local time
Metadata_Extensions:
Online_Linkage: <http://www.esri.com/metadata/esriprof80.html>
Profile_Name: ESRI Metadata Profile

Generated by mp version 2.7.33 on Thu Jan 05 08:31:19 2006

guis_nonnps

Metadata also available as

Metadata:

Identification_Information:
Citation:
Citation_Information:
Originator: The TSR Group
Publication_Date: 2005
Title: guis_nonnps
Geospatial_Data_Presentation_Form: vector digital data
Online_Linkage: Not Available
Description:
Abstract: non-NPS roads
Purpose: Road Inventory Program
Supplemental_Information:
Data created by The TSR Group from heads-up digitizing of roads representing non-NPS roads for graphic purposes
Time_Period_of_Content:
Time_Period_Information:
Single_Date/Time:
Calendar_Date: 2005
Currentness_Reference: ground condition
Status:
Progress: Complete
Maintenance_and_Update_Frequency: As per RIP cycle
Spatial_Domain:
Bounding_Coordinates:
West_Bounding_Coordinate: -87.293360
East_Bounding_Coordinate: -86.570603
North_Bounding_Coordinate: 30.395863
South_Bounding_Coordinate: 30.327284
Keywords:
Theme:
Theme_Keyword_Thesaurus: GUIS
Theme_Keyword: GUIS
Access_Constraints: None

Use_Constraints: Redistribution needs permission from EFLHD/NPS
Point_of_Contact:
Contact_Information:
Contact_Person_Primary:
Contact_Person: Dan VanGilder
Contact_Organization: EFLHD
Contact_Position: GIS Coordinator
Contact_Address:
Address_Type: mailing and physical address
Address: 21400 Ridgetop Circle
City: Sterling
State_or_Province: Virginia
Postal_Code: 20166
Country: United States
Contact_Voice_Telephone: 703-404-6361
Contact_Electronic_Mail_Address: dvangilder@fhwa.dot.gov
Native_Data_Set_Environment:
Microsoft Windows 2000 Version 5.1 (Build 2600) Service Pack 2; ESRI ArcCatalog 8.3.0.800

Data_Quality_Information:
Attribute_Accuracy:
Attribute_Accuracy_Report: Good
Completeness_Report: Complete for non-NPS roads
Lineage:
Source_Information:
Type_of_Source_Media: Heads-up digitized

Spatial_Data_Organization_Information:
Direct_Spatial_Reference_Method: Vector
Point_and_Vector_Object_Information:
SDTS_Terms_Description:
SDTS_Point_and_Vector_Object_Type: String
Point_and_Vector_Object_Count: 5

Spatial_Reference_Information:
Horizontal_Coordinate_System_Definition:
Geographic:
Latitude_Resolution: 0.000000
Longitude_Resolution: 0.000000
Geographic_Coordinate_Units: Decimal degrees
Geodetic_Model:
Horizontal_Datum_Name: North American Datum of 1927
Ellipsoid_Name: Clarke 1866
Semi-major_Axis: 6378206.400000

Denominator_of_Flattening_Ratio: 294.978698

Entity_and_Attribute_Information:
Detailed_Description:
Entity_Type:
Entity_Type_Label: guis_nonnps
Attribute:
Attribute_Label: FID
Attribute_Definition: Internal feature number.
Attribute_Definition_Source: ESRI
Attribute_Domain_Values:
Unrepresentable_Domain:
Sequential unique whole numbers that are automatically generated.
Attribute:
Attribute_Label: Shape
Attribute_Definition: Feature geometry.
Attribute_Definition_Source: ESRI
Attribute_Domain_Values:
Unrepresentable_Domain: Coordinates defining the features.
Attribute:
Attribute_Label: FNODE_
Attribute_Definition: Name of road if available
Attribute:
Attribute_Label: TNODE_
Attribute:
Attribute_Label: LPOLY_
Attribute:
Attribute_Label: RPOLY_
Attribute:
Attribute_Label: LENGTH
Attribute:
Attribute_Label: GUIS_MI_
Attribute:
Attribute_Label: GUIS_MI_ID
Attribute:
Attribute_Label: ID
Attribute:
Attribute_Label: RTE_NO
Attribute:
Attribute_Label: BMP
Attribute:
Attribute_Label: EMP
Attribute:
Attribute_Label: PCR
Attribute:
Attribute_Label: PCR_RATE
Attribute:
Attribute_Label: RT_LENGTH
Attribute:

Attribute_Label: PCRMI
Attribute:
Attribute_Label: PCR_RATEMI
Attribute:
Attribute_Label: PCR_RATEAV
Attribute:
Attribute_Label: PCRAV

Distribution_Information:
Resource_Description: Downloadable Data
Standard_Order_Process:
Digital_Form:
Digital_Transfer_Information:
Transfer_Size: 0.008

Metadata_Reference_Information:
Metadata_Date: 20060105
Metadata_Contact:
Contact_Information:
Contact_Organization_Primary:
Contact_Organization: EFLHD Sterling
Contact_Person: Dan VanGilder
Contact_Position: GIS Coordinator
Contact_Address:
Address_Type: mailing and physical address
Address: 21400 Ridgetop Circle
City: Sterling
State_or_Province: Virginia
Postal_Code: 20166
Country: United States
Contact_Voice_Telephone: 703-404-6361
Contact_Electronic_Mail_Address: dvangilder@fhwa.dot.gov
Metadata_Standard_Name: FGDC Content Standards for Digital Geospatial Metadata
Metadata_Standard_Version: FGDC-STD-001-1998
Metadata_Time_Convention: local time
Metadata_Extensions:
Online_Linkage: <http://www.esri.com/metadata/esriprof80.html>
Profile_Name: ESRI Metadata Profile

Generated by mp version 2.7.33 on Thu Jan 05 08:35:00 2006

guis_mrl_03

Metadata also available as

Metadata:

Identification_Information:
Citation:
Citation_Information:
Originator: Eastern Federal Lands Highway Division
Publication_Date: Published Materials
Title: guis_mrl_03
Geospatial_Data_Presentation_Form: vector digital data
Online_Linkage: Not Available
Description:
Abstract: Manually Rated Roads - Lines
Purpose: Road Inventory Program
Time_Period_of_Content:
Time_Period_Information:
Single_Date/Time:
Calendar_Date: 2/9/1998
Currentness_Reference: ground condition
Status:
Progress: Complete
Maintenance_and_Update_Frequency: As per RIP cycle
Spatial_Domain:
Bounding_Coordinates:
West_Bounding_Coordinate: -88.797545
East_Bounding_Coordinate: -87.138666
North_Bounding_Coordinate: 30.398003
South_Bounding_Coordinate: 30.319245
Keywords:
Theme:
Theme_Keyword_Thesaurus: GUIS
Theme_Keyword: GUIS
Access_Constraints: None
Use_Constraints: Redistribution needs permission from EFLHD/NPS
Point_of_Contact:
Contact_Information:

Contact_Person_Primary:
Contact_Person: Dan VanGilder
Contact_Organization: EFLHD
Contact_Position: GIS Coordinator
Contact_Address:
Address_Type: mailing and physical address
Address: 21400 Ridgetop Circle
City: Sterling
State_or_Province: Virginia
Postal_Code: 20166
Country: United States
Contact_Voice_Telephone: 703-404-6361
Contact_Electronic_Mail_Address: dvangilder@fhwa.dot.gov
Native_Data_Set_Environment:
Microsoft Windows 2000 Version 5.1 (Build 2600) Service Pack 2; ESRI ArcCatalog 8.3.0.800

Data_Quality_Information:
Attribute_Accuracy:
Attribute_Accuracy_Report: Good
Completeness_Report: Complete for parking areas
Lineage:
Source_Information:
Type_of_Source_Media: GPS

Spatial_Data_Organization_Information:
Direct_Spatial_Reference_Method: Vector
Point_and_Vector_Object_Information:
SDTS_Terms_Description:
SDTS_Point_and_Vector_Object_Type: String
Point_and_Vector_Object_Count: 11

Spatial_Reference_Information:
Horizontal_Coordinate_System_Definition:
Geographic:
Latitude_Resolution: 0.000000
Longitude_Resolution: 0.000000
Geographic_Coordinate_Units: Decimal degrees
Geodetic_Model:
Horizontal_Datum_Name: North American Datum of 1927
Ellipsoid_Name: Clarke 1866
Semi-major_Axis: 6378206.400000
Denominator_of_Flattening_Ratio: 294.978698

Entity_and_Attribute_Information:
Detailed_Description:
Entity_Type:
Entity_Type_Label: guis_mrl_03
Entity_Type_Definition_Source: GPS
Attribute:
Attribute_Label: FID
Attribute_Definition: Internal feature number.
Attribute_Definition_Source: ESRI
Attribute_Domain_Values:
Enumerated_Domain:
Unrepresentable_Domain:
Sequential unique whole numbers that are automatically generated.
Attribute:
Attribute_Label: Shape
Attribute_Definition: Feature geometry.
Attribute_Definition_Source: ESRI
Attribute_Domain_Values:
Unrepresentable_Domain: Coordinates defining the features.
Attribute:
Attribute_Label: PARK_ALPHA
Attribute_Definition: Park alpha code
Attribute_Definition_Source: Route ID Meeting
Attribute:
Attribute_Label: RTE_NO
Attribute_Definition: Route Number
Attribute_Definition_Source: Route ID Meeting
Attribute:
Attribute_Label: RTE_NAME
Attribute_Definition: Route Name
Attribute_Definition_Source: Route ID Meeting
Attribute:
Attribute_Label: FEATURE
Attribute_Definition: Route Section ID
Attribute_Definition_Source: Route ID Meeting / ARAN Data Collection
Attribute:
Attribute_Label: SURF_TYPE
Attribute_Definition: Surface type of route
Attribute_Definition_Source: ARAN Data Collection
Attribute:
Attribute_Label: CONDITION
Attribute_Definition: Condition rating
Attribute_Domain_Values:
Attribute:
Attribute_Label: PHOTOS
Attribute_Definition: Field comment
Attribute:
Attribute_Label: COMMENT
Attribute_Definition: Date of GPS Collection
Attribute:
Attribute_Label: GPS_DATE

Attribute:
Attribute_Label: DATAFILE
Attribute_Definition: Width of the paved area
Attribute:
Attribute_Label: PAVE_WIDTH
Attribute_Definition: Calculated paved miles
Attribute:
Attribute_Label: PAVED_MI

Distribution_Information:
Resource_Description: Downloadable Data
Standard_Order_Process:
Digital_Form:
Digital_Transfer_Information:
Transfer_Size: 0.037

Metadata_Reference_Information:
Metadata_Date: 20060105
Metadata_Contact:
Contact_Information:
Contact_Organization_Primary:
Contact_Organization: EFLHD Sterling
Contact_Person: Dan VanGilder
Contact_Position: GIS Coordinator
Contact_Address:
Address_Type: mailing and physical address
Address: 21400 Ridgetop Circle
City: Sterling
State_or_Province: Virginia
Postal_Code: 20166
Country: United States
Contact_Voice_Telephone: 703-404-6361
Contact_Electronic_Mail_Address: dvangilder@fhwa.dot.gov
Metadata_Standard_Name: FGDC Content Standards for Digital Geospatial Metadata
Metadata_Standard_Version: FGDC-STD-001-1998
Metadata_Time_Convention: local time
Metadata_Extensions:
Online_Linkage: <http://www.esri.com/metadata/esriprof80.html>
Profile_Name: ESRI Metadata Profile

Generated by mp version 2.7.33 on Thu Jan 05 08:30:16 2006

guis_mrl_03_map

Metadata also available as

Metadata:

Identification_Information:
Citation:
Citation_Information:
Originator: Eastern Federal Lands Highway Division
Publication_Date: Published Materials
Title: guis_mrl_03_map
Geospatial_Data_Presentation_Form: vector digital data
Online_Linkage: Not Available
Description:
Abstract: Copy of Manually Rated Roads - Lines
Purpose: Road Inventory Program
Supplemental_Information:
This shapefile is a copy of the source manually rated lines shapefile. The features are edited as needed for graphic purposes.
Time_Period_of_Content:
Time_Period_Information:
Single_Date/Time:
Calendar_Date: 2/9/1998
Currentness_Reference: ground condition
Status:
Progress: Complete
Maintenance_and_Update_Frequency: As per RIP cycle
Spatial_Domain:
Bounding_Coordinates:
West_Bounding_Coordinate: -88.797545
East_Bounding_Coordinate: -87.138666
North_Bounding_Coordinate: 30.398003
South_Bounding_Coordinate: 30.319245
Keywords:
Theme:
Theme_Keyword_Thesaurus: GUIS
Theme_Keyword: GUIS
Access_Constraints: None

Use_Constraints: Redistribution needs permission from EFLHD/NPS
Point_of_Contact:
Contact_Information:
Contact_Person_Primary:
Contact_Person: Dan VanGilder
Contact_Organization: EFLHD
Contact_Position: GIS Coordinator
Contact_Address:
Address_Type: mailing and physical address
Address: 21400 Ridgetop Circle
City: Sterling
State_or_Province: Virginia
Postal_Code: 20166
Country: United States
Contact_Voice_Telephone: 703-404-6361
Contact_Electronic_Mail_Address: dvangilder@fhwa.dot.gov
Native_Data_Set_Environment:
Microsoft Windows 2000 Version 5.1 (Build 2600) Service Pack 2; ESRI ArcCatalog 8.3.0.800

Data_Quality_Information:
Attribute_Accuracy:
Attribute_Accuracy_Report: Good
Completeness_Report: Complete for parking areas
Lineage:
Source_Information:
Type_of_Source_Media: GPS

Spatial_Data_Organization_Information:
Direct_Spatial_Reference_Method: Vector
Point_and_Vector_Object_Information:
SDTS_Terms_Description:
SDTS_Point_and_Vector_Object_Type: String
Point_and_Vector_Object_Count: 11

Spatial_Reference_Information:
Horizontal_Coordinate_System_Definition:
Geographic:
Latitude_Resolution: 0.000000
Longitude_Resolution: 0.000000
Geographic_Coordinate_Units: Decimal degrees
Geodetic_Model:
Horizontal_Datum_Name: North American Datum of 1927
Ellipsoid_Name: Clarke 1866
Semi-major_Axis: 6378206.400000

Denominator_of_Flattening_Ratio: 294.978698

Entity_and_Attribute_Information:
Detailed_Description:
Entity_Type:
Entity_Type_Label: guis_mrl_03_map
Entity_Type_Definition_Source: GPS
Attribute:
Attribute_Label: FID
Attribute_Definition: Internal feature number.
Attribute_Definition_Source: ESRI
Attribute_Domain_Values:
Enumerated_Domain:
Unrepresentable_Domain:
Sequential unique whole numbers that are automatically generated.
Attribute:
Attribute_Label: Shape
Attribute_Definition: Feature geometry.
Attribute_Definition_Source: ESRI
Attribute_Domain_Values:
Unrepresentable_Domain: Coordinates defining the features.
Attribute:
Attribute_Label: PARK_ALPHA
Attribute_Definition: Park alpha code
Attribute_Definition_Source: Route ID Meeting
Attribute:
Attribute_Label: RTE_NO
Attribute_Definition: Route Number
Attribute_Definition_Source: Route ID Meeting
Attribute:
Attribute_Label: RTE_NAME
Attribute_Definition: Route Name
Attribute_Definition_Source: Route ID Meeting
Attribute:
Attribute_Label: FEATURE
Attribute_Definition: Route Section ID
Attribute_Definition_Source: Route ID Meeting / ARAN Data Collection
Attribute:
Attribute_Label: SURF_TYPE
Attribute_Definition: Surface type of route
Attribute_Definition_Source: ARAN Data Collection
Attribute:
Attribute_Label: CONDITION
Attribute_Definition: Condition rating
Attribute_Domain_Values:
Attribute:
Attribute_Label: PHOTOS
Attribute_Definition: Field comment
Attribute:

Attribute_Label: COMMENT
Attribute_Definition: Date of GPS Collection
Attribute:
Attribute_Label: GPS_DATE
Attribute:
Attribute_Label: DATAFILE
Attribute_Definition: Width of the paved area
Attribute:
Attribute_Label: PAVE_WIDTH
Attribute_Definition: Calculated paved miles
Attribute:
Attribute_Label: PAVED_MI

Distribution_Information:
Resource_Description: Downloadable Data
Standard_Order_Process:
Digital_Form:
Digital_Transfer_Information:
Transfer_Size: 0.037

Metadata_Reference_Information:
Metadata_Date: 20060105
Metadata_Contact:
Contact_Information:
Contact_Organization_Primary:
Contact_Organization: EFLHD Sterling
Contact_Person: Dan VanGilder
Contact_Position: GIS Coordinator
Contact_Address:
Address_Type: mailing and physical address
Address: 21400 Ridgetop Circle
City: Sterling
State_or_Province: Virginia
Postal_Code: 20166
Country: United States
Contact_Voice_Telephone: 703-404-6361
Contact_Electronic_Mail_Address: dvangilder@fhwa.dot.gov
Metadata_Standard_Name: FGDC Content Standards for Digital Geospatial Metadata
Metadata_Standard_Version: FGDC-STD-001-1998
Metadata_Time_Convention: local time
Metadata_Extensions:
Online_Linkage: <http://www.esri.com/metadata/esriprof80.html>
Profile_Name: ESRI Metadata Profile

Generated by mp version 2.7.33 on Thu Jan 05 08:30:33 2006

guis_mi_pt

Metadata also available as

Metadata:

Identification_Information:
Citation:
Citation_Information:
Originator: The TSR Group
Publication_Date: 2005
Title: guis_mi_pt
Geospatial_Data_Presentation_Form: vector digital data
Online_Linkage: Not Available
Description:
Abstract: Mile Points
Purpose: Road Inventory Program
Supplemental_Information:
Data created by The TSR Group from GPS coordinates provided in the PMS_20 table. All attributes found in the PMS_20 table are found on the miles points.
Time_Period_of_Content:
Time_Period_Information:
Single_Date/Time:
Calendar_Date: 2005
Currentness_Reference: ground condition
Status:
Progress: Complete
Maintenance_and_Update_Frequency: Not Available
Spatial_Domain:
Bounding_Coordinates:
West_Bounding_Coordinate: -88.794807
East_Bounding_Coordinate: -86.919632
North_Bounding_Coordinate: 30.411957
South_Bounding_Coordinate: 30.299084
Keywords:
Theme:
Theme_Keyword_Thesaurus: GUIS
Theme_Keyword: GUIS
Access_Constraints: None

Use_Constraints: Redistribution needs permission from EFLHD/NPS
Point_of_Contact:
Contact_Information:
Contact_Person_Primary:
Contact_Person: Dan VanGilder
Contact_Organization: EFLHD Sterling
Contact_Position: GIS Coordinator
Contact_Address:
Address_Type: mailing and physical address
Address: 21400 Ridgetop Circle
City: Sterling
State_or_Province: Virginia
Postal_Code: 20166
Country: United States
Contact_Voice_Telephone: 703-404-6361
Contact_Electronic_Mail_Address: dvangilder@fhwa.dot.gov
Native_Data_Set_Environment:
Microsoft Windows 2000 Version 5.1 (Build 2600) Service Pack 2; ESRI ArcCatalog 8.3.0.800

Data_Quality_Information:
Attribute_Accuracy:
Attribute_Accuracy_Report: Good
Completeness_Report: Complete for mile points
Lineage:
Source_Information:
Type_of_Source_Media: GPS

Spatial_Data_Organization_Information:
Direct_Spatial_Reference_Method: Vector
Point_and_Vector_Object_Information:
SDTS_Terms_Description:
SDTS_Point_and_Vector_Object_Type: Entity point
Point_and_Vector_Object_Count: 32

Spatial_Reference_Information:
Horizontal_Coordinate_System_Definition:
Geographic:
Latitude_Resolution: 0.000000
Longitude_Resolution: 0.000000
Geographic_Coordinate_Units: Decimal degrees
Geodetic_Model:
Horizontal_Datum_Name: North American Datum of 1927
Ellipsoid_Name: Clarke 1866
Semi-major_Axis: 6378206.400000

Denominator_of_Flattening_Ratio: 294.978698

Entity_and_Attribute_Information:
Detailed_Description:
Entity_Type:
Entity_Type_Label: guis_mi_pt
Attribute:
Attribute_Label: FID
Attribute_Definition: Internal feature number.
Attribute_Definition_Source: ESRI
Attribute_Domain_Values:
Unrepresentable_Domain:
Sequential unique whole numbers that are automatically generated.
Attribute:
Attribute_Label: Shape
Attribute_Definition: Feature geometry.
Attribute_Definition_Source: ESRI
Attribute_Domain_Values:
Unrepresentable_Domain: Coordinates defining the features.
Attribute:
Attribute_Label: RIP_CYCLE
Attribute_Definition: 3, for data collection cycle 3
Attribute_Definition_Source: Route ID Meeting
Attribute:
Attribute_Label: STATE
Attribute_Definition: State where route is located
Attribute_Definition_Source: Route ID Meeting
Attribute:
Attribute_Label: PARK_ALPHA
Attribute_Definition: Park alpha code
Attribute_Definition_Source: Route ID Meeting
Attribute:
Attribute_Label: PARK_NO
Attribute_Definition: Park numeric code
Attribute_Definition_Source: Route ID Meeting
Attribute:
Attribute_Label: RTE_NO
Attribute_Definition: Route number
Attribute_Definition_Source: Route ID Meeting
Attribute:
Attribute_Label: FUNCT_CLAS
Attribute_Definition: Route functional class
Attribute_Definition_Source: Route ID Meeting
Attribute:
Attribute_Label: DIRECTION
Attribute_Definition: Survey lane: PRI (primary) or OPP (opposite)
Attribute_Definition_Source: Route ID Meeting
Attribute:
Attribute_Label: BEG_MP

Attribute_Definition: MP at end of road interval described by database record
Attribute_Definition_Source: Contractor Post-processing

Attribute:
Attribute_Label: END_MP
Attribute_Definition: MP at end of road interval described by database record
Attribute_Definition_Source: Contractor Post-processing

Attribute:
Attribute_Label: INT_LENGTH
Attribute_Definition: Length of road interval as aggregated from data table
Attribute_Definition_Source: Contractor Post-processing

Attribute:
Attribute_Label: RTE_LENGTH
Attribute_Definition: Collected route length
Attribute_Definition_Source: ARAN Data Collection

Attribute:
Attribute_Label: NO_LANES
Attribute_Definition: Number of lanes in route
Attribute_Definition_Source: ARAN Data Collection

Attribute:
Attribute_Label: LANE_NO
Attribute_Definition: Data collection lane
Attribute_Definition_Source: Contractor Post-processing

Attribute:
Attribute_Label: WX_LANE_WI
Attribute_Definition: WiseCrax (crack detection software) analysis width
Attribute_Definition_Source: Contractor Post-processing

Attribute:
Attribute_Label: LANE_WIDTH
Attribute_Definition: Width of lane
Attribute_Definition_Source: Contractor Post-processing

Attribute:
Attribute_Label: PAVE_WIDTH
Attribute_Definition: Full pavement width
Attribute_Definition_Source: Contractor Post-processing

Attribute:
Attribute_Label: SHLD_WIDTH
Attribute_Definition: Left shouler width
Attribute_Definition_Source: Contractor Post-processing

Attribute:
Attribute_Label: SHLD_WID_1
Attribute_Definition: Right shoulder width
Attribute_Definition_Source: Contractor Post-processing

Attribute:
Attribute_Label: SHLD_COND_
Attribute_Definition: Left shoulder condition
Attribute_Definition_Source: ARAN Data Collection

Attribute:
Attribute_Label: SHLD_COND1
Attribute_Definition: Right shoulder condition
Attribute_Definition_Source: ARAN Data Collection

Attribute:

Attribute_Label: DRAIN_COND
Attribute_Definition: Left drainage condition
Attribute_Definition_Source: ARAN Data Collection

Attribute:
Attribute_Label: DRAIN_CO_1
Attribute_Definition: Right drainage condition
Attribute_Definition_Source: ARAN Data Collection

Attribute:
Attribute_Label: SURF_TYPE
Attribute_Definition: Surface type of route
Attribute_Definition_Source: ARAN Data Collection

Attribute:
Attribute_Label: PCR
Attribute_Definition: Pavement Condition Rating
Attribute_Definition_Source: Contractor Post-processing

Attribute:
Attribute_Label: RCI
Attribute_Definition: Roughness Condition Index; -1 if invalid IRI
Attribute_Definition_Source: Contractor Post-processing

Attribute:
Attribute_Label: SCR
Attribute_Definition: Surface Condition Rating
Attribute_Definition_Source: Contractor Post-processing

Attribute:
Attribute_Label: IRI_AVG
Attribute_Definition: Average IRI
Attribute_Definition_Source: Contractor Post-processing

Attribute:
Attribute_Label: IRI_SD
Attribute_Definition: IRI Standard Deviation
Attribute_Definition_Source: Contractor Post-processing

Attribute:
Attribute_Label: IRI_L
Attribute_Definition: Left wheel path IRI
Attribute_Definition_Source: ARAN Data Collection

Attribute:
Attribute_Label: IRI_R
Attribute_Definition: Rigth wheel path IRI
Attribute_Definition_Source: ARAN Data Collection

Attribute:
Attribute_Label: IRI_FLAG
Attribute_Definition: -1 if invalid IRI data
Attribute_Definition_Source: Contractor Post-processing

Attribute:
Attribute_Label: RUT_INDEX
Attribute_Definition: Rut index
Attribute_Definition_Source: Contractor Post-processing

Attribute:
Attribute_Label: RUT_AVG
Attribute_Definition: Average rut depth of both wheelpaths
Attribute_Definition_Source: Contractor Post-processing

Attribute:
Attribute_Label: RUT_MAX
Attribute_Definition: Maximum rut depth of both wheelpaths
Attribute_Definition_Source: Contractor Post-processing
Attribute:
Attribute_Label: RUT_SD
Attribute_Definition: Rut depth standard deviation
Attribute_Definition_Source: Contractor Post-processing
Attribute:
Attribute_Label: RUT_LOW
Attribute_Definition:
Percent of low severity ruts (on a 0-200% scale) in both wheelpaths
Attribute_Definition_Source: Contractor Post-processing
Attribute:
Attribute_Label: RUT_MED
Attribute_Definition:
Percent of medium severity ruts (on a 0-200% scale) in both wheelpaths
Attribute_Definition_Source: Contractor Post-processing
Attribute:
Attribute_Label: RUT_HI
Attribute_Definition:
Percent of high severity ruts (on a 0-200% scale) in both wheelpaths
Attribute_Definition_Source: Contractor Post-processing
Attribute:
Attribute_Label: XFALL
Attribute_Definition: Cross fall at start of road interval
Attribute_Definition_Source: ARAN Data Collection
Attribute:
Attribute_Label: GRADE
Attribute_Definition: Grade at start of road interval
Attribute_Definition_Source: ARAN Data Collection
Attribute:
Attribute_Label: AC_INDEX
Attribute_Definition: Alligator cracking index
Attribute_Definition_Source: Contractor Post-processing
Attribute:
Attribute_Label: AC_LOW
Attribute_Definition:
Percent of WiseCrax measured lane area with low-severity alligator cracking
Attribute_Definition_Source: Contractor Post-processing
Attribute:
Attribute_Label: AC_MED
Attribute_Definition:
Percent of WiseCrax measured lane area with medium-severity alligator cracking
Attribute_Definition_Source: Contractor Post-processing
Attribute:
Attribute_Label: AC_HI
Attribute_Definition:
Percent of WiseCrax measured lane area with high-severity alligator cracking
Attribute_Definition_Source: Contractor Post-processing

Attribute:
Attribute_Label: LC_INDEX
Attribute_Definition: Longitudinal cracking index
Attribute_Definition_Source: Contractor Post-processing
Attribute:
Attribute_Label: LC_LOW
Attribute_Definition:
Low-severity longitudinal cracking in lane as a percentage of road interval length
Attribute_Definition_Source: Contractor Post-processing
Attribute:
Attribute_Label: LC_MED
Attribute_Definition:
Medium-severity longitudinal cracking in lane as a percentage of road interval length
Attribute_Definition_Source: Contractor Post-processing
Attribute:
Attribute_Label: LC_HI
Attribute_Definition:
High-severity longitudinal cracking in lane as a percentage of road interval length
Attribute_Definition_Source: Contractor Post-processing
Attribute:
Attribute_Label: TC_INDEX
Attribute_Definition: Transverse cracking index
Attribute_Definition_Source: Contractor Post-processing
Attribute:
Attribute_Label: TC_LOW
Attribute_Definition:
Count of low-severity transverse cracks, where one crack unit equals the WiseCrax measured land width
Attribute_Definition_Source: Contractor Post-processing
Attribute:
Attribute_Label: TC_MED
Attribute_Definition:
Count of medium-severity transverse cracks, where one crack unit equals the WiseCrax measured land width
Attribute_Definition_Source: Contractor Post-processing
Attribute:
Attribute_Label: TC_HI
Attribute_Definition:
Count of high-severity transverse cracks, where one crack unit equals the WiseCrax measured land width
Attribute_Definition_Source: Contractor Post-processing
Attribute:
Attribute_Label: PATCH_INDE
Attribute_Definition: Patching index
Attribute_Definition_Source: Contractor Post-processing
Attribute:
Attribute_Label: PATCHING
Attribute_Definition: Percent of WiseCrax measured lane area affected by patching

Attribute_Definition_Source: Contractor Post-processing
Attribute:
Attribute_Label: GPS_LAT
Attribute_Definition: Latitude coordinate
Attribute_Definition_Source: ARAN Data Collection
Attribute:
Attribute_Label: GPS_LON
Attribute_Definition: Longitude coordinate
Attribute_Definition_Source: ARAN Data Collection
Attribute:
Attribute_Label: GPS_ELEV
Attribute_Definition: Elevation
Attribute_Definition_Source: ARAN Data Collection
Attribute:
Attribute_Label: GPS_MODE
Attribute_Definition: GPS mode during collection
Attribute_Definition_Source: ARAN Data Collection
Attribute:
Attribute_Label: VIDEO
Attribute_Definition: Removable USB video hard drive number
Attribute_Definition_Source: Contractor Post-processing
Attribute:
Attribute_Label: IMAGE
Attribute_Definition: Filename of .jpg image showing road interval
Attribute_Definition_Source: Contractor Post-processing
Attribute:
Attribute_Label: SPEED
Attribute_Definition: Average ARAN speed during data collection
Attribute_Definition_Source: ARAN Data Collection
Attribute:
Attribute_Label: BRIDGE_FLA
Attribute_Definition: Flag indicating presence of bridge in interval
Attribute_Definition_Source: ARAN Data Collection
Attribute:
Attribute_Label: CONSTR_FLA
Attribute_Definition: Flag indicating construction in interval
Attribute_Definition_Source: ARAN Data Collection
Attribute:
Attribute_Label: LANEDEV_FL
Attribute_Definition: Flag indicating lane deviation in interval
Attribute_Definition_Source: ARAN Data Collection
Attribute:
Attribute_Label: DATE
Attribute_Definition: Data collection date
Attribute_Definition_Source: ARAN Data Collection
Attribute:
Attribute_Label: NODISTRESS
Attribute_Definition: Flag indicating absence of pavement distress
Attribute_Definition_Source: Contractor Post-processing
Attribute:
Attribute_Label: FILENAME

Attribute_Definition: Filename of raw data files
Attribute_Definition_Source: ARAN Data Collection
Attribute:
Attribute_Label: SECTION
Attribute_Definition: route section ID
Attribute_Definition_Source: Route ID Meeting / ARAN Data Collection
Attribute:
Attribute_Label: FKEY
Attribute_Definition: Unique record ID
Attribute_Definition_Source: Contractor Post-processing
Attribute:
Attribute_Label: VISI_FROM
Attribute_Definition: Raw MP of first video frame in section
Attribute_Definition_Source: Contractor Post-processing
Attribute:
Attribute_Label: VISI_TO
Attribute_Definition: Raw MP of last video frame in section
Attribute_Definition_Source: Contractor Post-processing
Attribute:
Attribute_Label: IDKEY
Attribute_Definition: Unique record ID used by VisiData
Attribute_Definition_Source: Contractor Post-processing
Attribute:
Attribute_Label: MP_REF
Attribute_Definition: Range of mileage to play in VisiData
Attribute_Definition_Source: Contractor Post-processing

Distribution_Information:
Resource_Description: Downloadable Data
Standard_Order_Process:
Digital_Form:
Digital_Transfer_Information:
Transfer_Size: 0.030

Metadata_Reference_Information:
Metadata_Date: 20060105
Metadata_Contact:
Contact_Information:
Contact_Organization_Primary:
Contact_Organization: EFLHD Sterling
Contact_Person: Dan VanGilder
Contact_Position: GIS Coordinator
Contact_Address:
Address_Type: mailing and physical address
Address: 21400 Ridgetop Circle
City: Sterling
State_or_Province: Virginia

Postal_Code: 20166
Country: United States
Contact_Voice_Telephone: 703-404-6361
Contact_Electronic_Mail_Address: dvangilder@fhwa.dot.gov
Metadata_Standard_Name: FGDC Content Standards for Digital Geospatial Metadata
Metadata_Standard_Version: FGDC-STD-001-1998
Metadata_Time_Convention: local time
Metadata_Extensions:
Online_Linkage: <http://www.esri.com/metadata/esriprof80.html>
Profile_Name: ESRI Metadata Profile

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guis_mi

Metadata also available as

Metadata:

Identification_Information:
Citation:
Citation_Information:
Originator: The TSR Group
Publication_Date: 2005
Title: guis_mi
Geospatial_Data_Presentation_Form: vector digital data
Online_Linkage: Not Available
Description:
Abstract: Routes
Purpose: Road Inventory Program
Supplemental_Information:
Data created by The TSR Group from GPS coordinates provided in the PMS_20 table. The shapefile is processed to aggregate adjacent segments with the same PCR rating provided in the PMS_mile table.
Time_Period_of_Content:
Time_Period_Information:
Single_Date/Time:
Calendar_Date: 2005
Currentness_Reference: ground condition
Status:
Progress: Complete
Maintenance_and_Update_Frequency: As per RIP cycle
Spatial_Domain:
Bounding_Coordinates:
West_Bounding_Coordinate: -88.795311
East_Bounding_Coordinate: -86.918640
North_Bounding_Coordinate: 30.411957
South_Bounding_Coordinate: 30.299004
Keywords:
Theme:
Theme_Keyword_Thesaurus: GUIS
Theme_Keyword: GUIS

Access_Constraints: None
Use_Constraints: Redistribution meeds permission from EFLHD/NPS
Point_of_Contact:
Contact_Information:
Contact_Person_Primary:
Contact_Person: Dan VanGilder
Contact_Organization: EFLHD
Contact_Position: GIS Coordinator
Contact_Address:
Address_Type: mailing and physical address
Address: 21400 Ridgetop Circle
City: Sterling
State_or_Province: Virginia
Postal_Code: 20166
Country: United States
Contact_Voice_Telephone: 703-404-6361
Contact_Electronic_Mail_Address: dvangilder@fhwa.dot.gov
Native_Data_Set_Environment:
Microsoft Windows 2000 Version 5.1 (Build 2600) Service Pack 2; ESRI ArcCatalog 8.3.0.800

Data_Quality_Information:
Attribute_Accuracy:
Attribute_Accuracy_Report: Good
Completeness_Report: Complete for routes
Lineage:
Source_Information:
Type_of_Source_Media: GPS

Spatial_Data_Organization_Information:
Direct_Spatial_Reference_Method: Vector
Point_and_Vector_Object_Information:
SDTS_Terms_Description:
SDTS_Point_and_Vector_Object_Type: String
Point_and_Vector_Object_Count: 18

Spatial_Reference_Information:
Horizontal_Coordinate_System_Definition:
Geographic:
Latitude_Resolution: 0.000000
Longitude_Resolution: 0.000000
Geographic_Coordinate_Units: Decimal degrees
Geodetic_Model:
Horizontal_Datum_Name: North American Datum of 1927
Ellipsoid_Name: Clarke 1866

Semi-major_Axis: 6378206.400000
Denominator_of_Flattening_Ratio: 294.978698

Entity_and_Attribute_Information:
Detailed_Description:
Entity_Type:
Entity_Type_Label: guis_mi
Attribute:
Attribute_Label: FID
Attribute_Definition: Internal feature number.
Attribute_Definition_Source: ESRI
Attribute_Domain_Values:
Unrepresentable_Domain:
Sequential unique whole numbers that are automatically generated.
Attribute:
Attribute_Label: Shape
Attribute_Definition: Feature geometry.
Attribute_Definition_Source: ESRI
Attribute_Domain_Values:
Unrepresentable_Domain: Coordinates defining the features.
Attribute:
Attribute_Label: FNODE_
Attribute_Definition: Length of feature
Attribute_Definition_Source: ESRI
Attribute:
Attribute_Label: TNODE_
Attribute:
Attribute_Label: LPOLY_
Attribute_Definition: Route number
Attribute_Definition_Source: Route ID Meeting
Attribute:
Attribute_Label: RPOLY_
Attribute_Definition: Collected route length
Attribute_Definition_Source: ARAN Data Collection
Attribute:
Attribute_Label: LENGTH
Attribute_Definition: Numeric PCR definition
Attribute_Domain_Values:
Range_Domain:
Range_Domain_Minimum: 0
Range_Domain_Maximum: 100
Attribute:
Attribute_Label: GUIS_MI_
Attribute_Definition: Verbal PCR definition
Attribute_Domain_Values:
Enumerated_Domain:
Enumerated_Domain_Value: POOR
Enumerated_Domain_Value_Definition: PCR value <= 60
Enumerated_Domain:

Enumerated_Domain_Value: FAIR
Enumerated_Domain_Value_Definition: PCR value 61-84
Enumerated_Domain:
Enumerated_Domain_Value: GOOD
Enumerated_Domain_Value_Definition: PCR value 85-94
Enumerated_Domain:
Enumerated_Domain_Value: EXCELLENT
Enumerated_Domain_Value_Definition: PCR value 95-100
Attribute:
Attribute_Label: GUIS_MI_ID
Attribute_Definition: Indicates whether feature has been edited for graphic purposes.
Attribute_Domain_Values:
Enumerated_Domain:
Enumerated_Domain_Value: 1
Enumerated_Domain_Value_Definition: Edit has been made to feature for graphic purposes
Enumerated_Domain:
Enumerated_Domain_Value: 0
Enumerated_Domain_Value_Definition: No edit made to feature.
Attribute:
Attribute_Label: ID
Attribute:
Attribute_Label: RTE_NO
Attribute:
Attribute_Label: BMP
Attribute:
Attribute_Label: EMP
Attribute:
Attribute_Label: PCR
Attribute:
Attribute_Label: PCR_RATE
Attribute:
Attribute_Label: RT_LENGTH
Attribute:
Attribute_Label: PCRMI
Attribute:
Attribute_Label: PCR_RATEMI
Attribute:
Attribute_Label: PCR_RATEAV
Attribute:
Attribute_Label: PCRAV

Distribution_Information:
Resource_Description: Downloadable Data
Standard_Order_Process:
Digital_Form:
Digital_Transfer_Information:
Transfer_Size: 0.016

Metadata_Reference_Information:
Metadata_Date: 20060105
Metadata_Contact:
Contact_Information:
Contact_Organization_Primary:
Contact_Organization: EFLHD Sterling
Contact_Person: Dan VanGilder
Contact_Position: GIS Coordinator
Contact_Address:
Address_Type: mailing and physical address
City: Sterling
State_or_Province: Virginia
Postal_Code: 20166
Country: United States
Contact_Voice_Telephone: 703-404-6361
Contact_Electronic_Mail_Address: dvangilder@fhwa.dot.gov
Metadata_Standard_Name: FGDC Content Standards for Digital Geospatial Metadata
Metadata_Standard_Version: FGDC-STD-001-1998
Metadata_Time_Convention: local time
Metadata_Extensions:
Online_Linkage: <http://www.esri.com/metadata/esriprof80.html>
Profile_Name: ESRI Metadata Profile

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