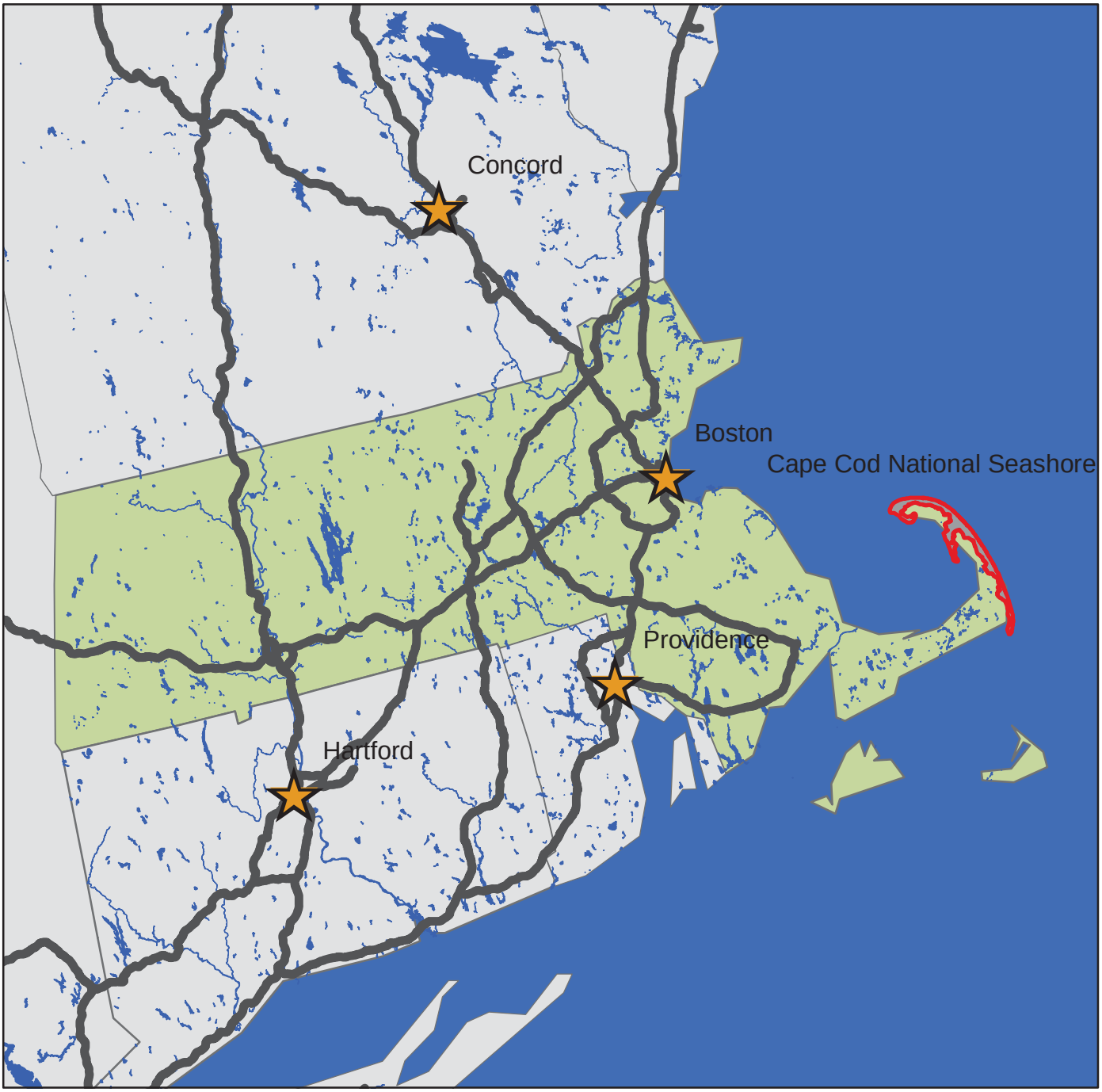
The Road Inventory
of
Cape Cod National Seashore
CACO - 1730

national park service

Road Inventory Program

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

Cape Cod National Seashore
in
Massachusettes



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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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Cape Cod National Seashore Summaries

Overall Park Mileage Summary

PARK TOTAL SUMMARY ITEMS	TOTAL	DATE
Paved ARAN Driven Route Miles	16.59	12/12/2001
Unpaved Estimated Route Miles	1.40	12/12/2001
Paved ARAN and Unpaved Route Miles	17.99	
Paved ARAN Driven Lane Miles	32.45	12/12/2001
Paved MRR Lane Miles	2.84	12/12/2001
Parking Lot Lane Miles	30.69	12/12/2001
Total Paved Lane Miles	65.98	

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)

Cape Cod 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	0.22	$6,600
Good	1.38	$151,800
Fair	6.91	$3,869,600
Poor	8.08	$12,443,200
Totals	**16.59**	**$16,471,200**

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).

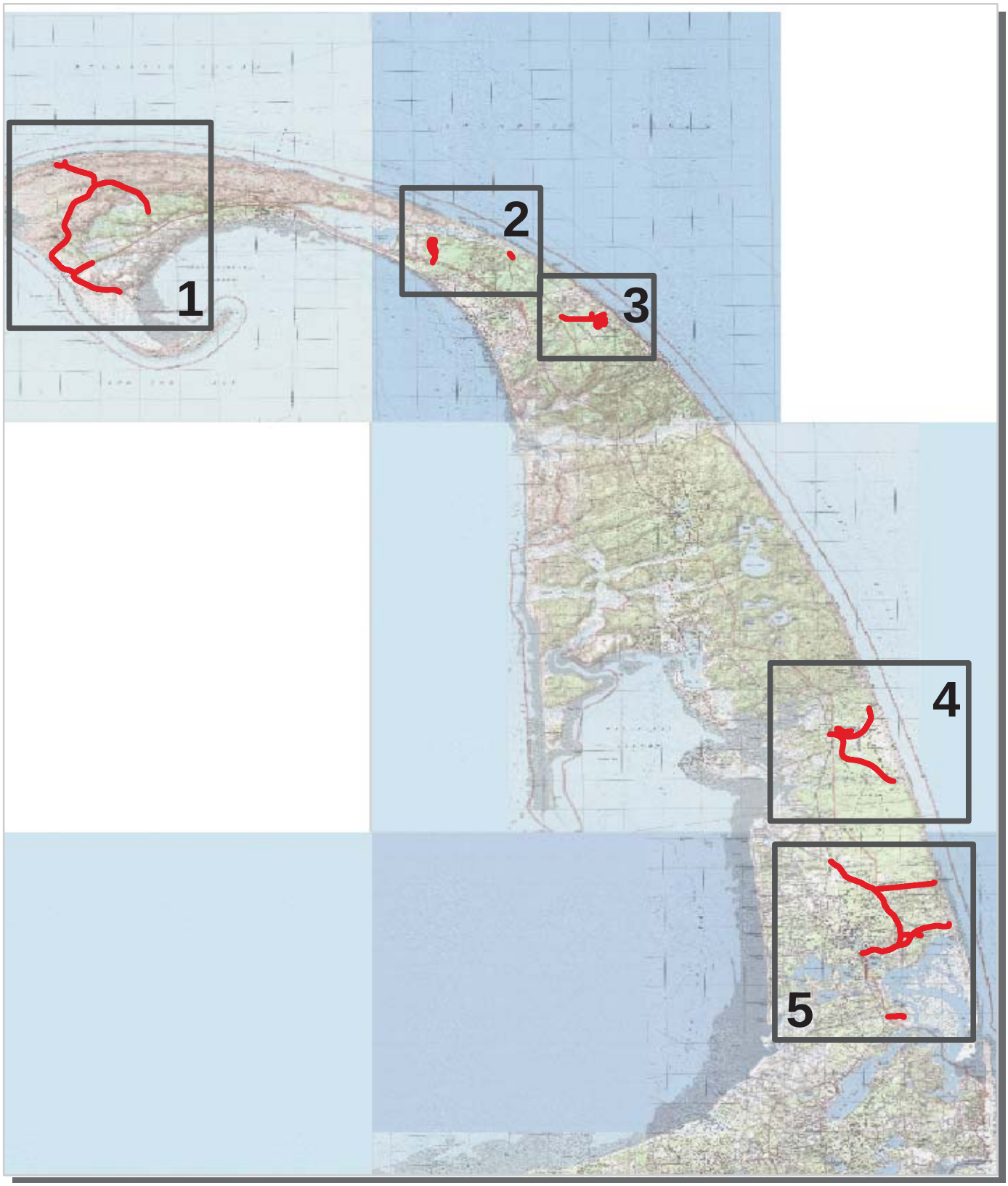
These numbers are for preliminary planning purposes only and should not be used for project level proposals. For park planning level analysis, apply your park multiplier for more accurate regional costs.

Cape Cod 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	5.53	33.33%	6.39	38.52%	1.37	8.26%	0.18	1.08%	13.47
2									
3	1.36	8.20%	0.39	2.35%	0.01	0.06%			1.76
4									
5	0.46	2.77%	0.08	0.48%					0.54
6	0.73	4.40%	0.05	0.30%			0.04	0.24%	0.82
7									
8									
Totals	**8.08**	**48.70%**	**6.91**	**41.65%**	**1.38**	**8.32%**	**0.22**	**1.33%**	**16.59**

Cape Cod National Seashore
Route Location
Key Map



Park Owned Routes

3 1.5 0 3
Miles

N

3-1

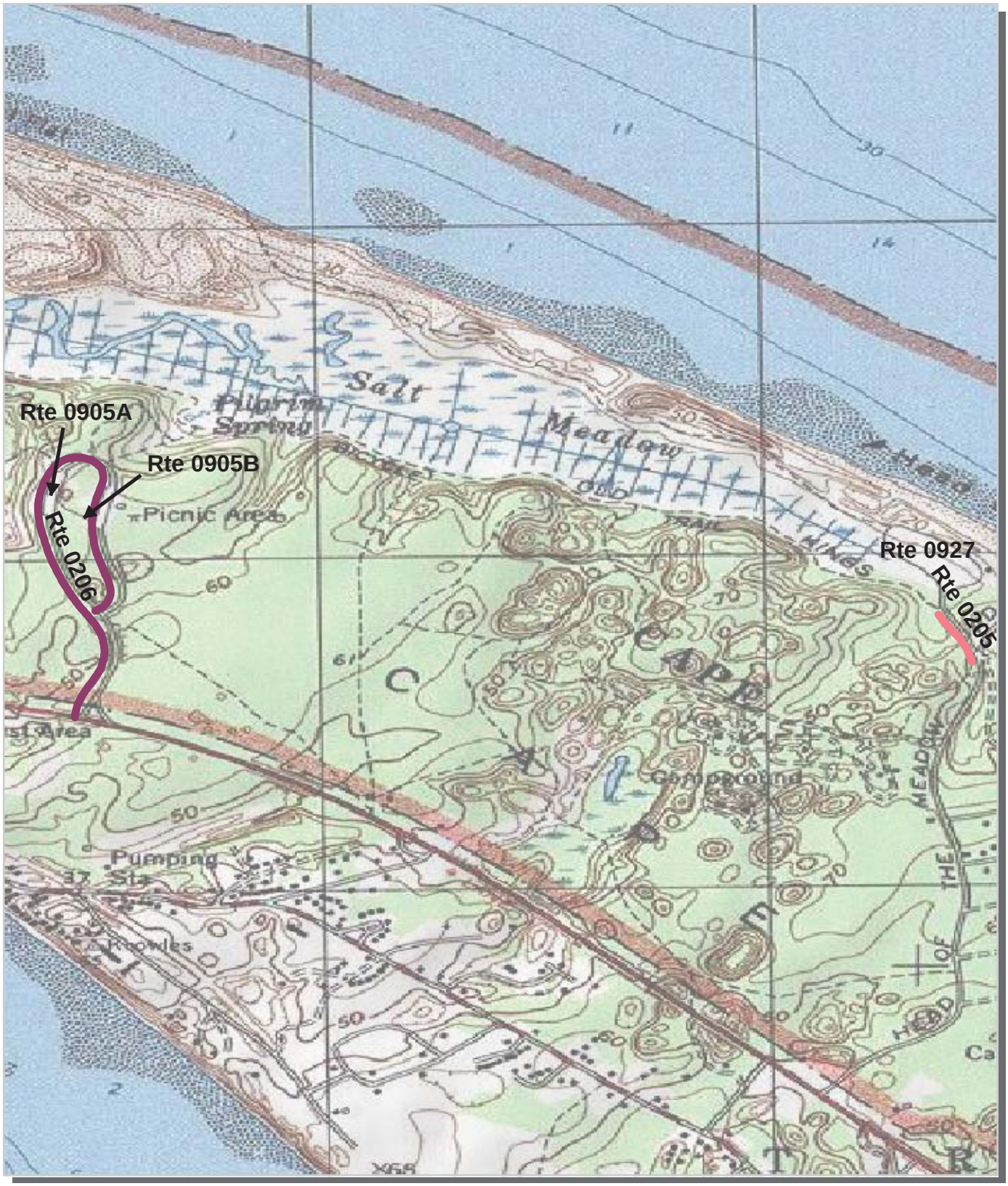
Cape Cod National Seashore
Route Location
Area Map 1

Unique colors used to differentiate routes

0.5 0.25 0 0.5 Miles

N

Cape Cod National Seashore
Route Location
Area Map 2

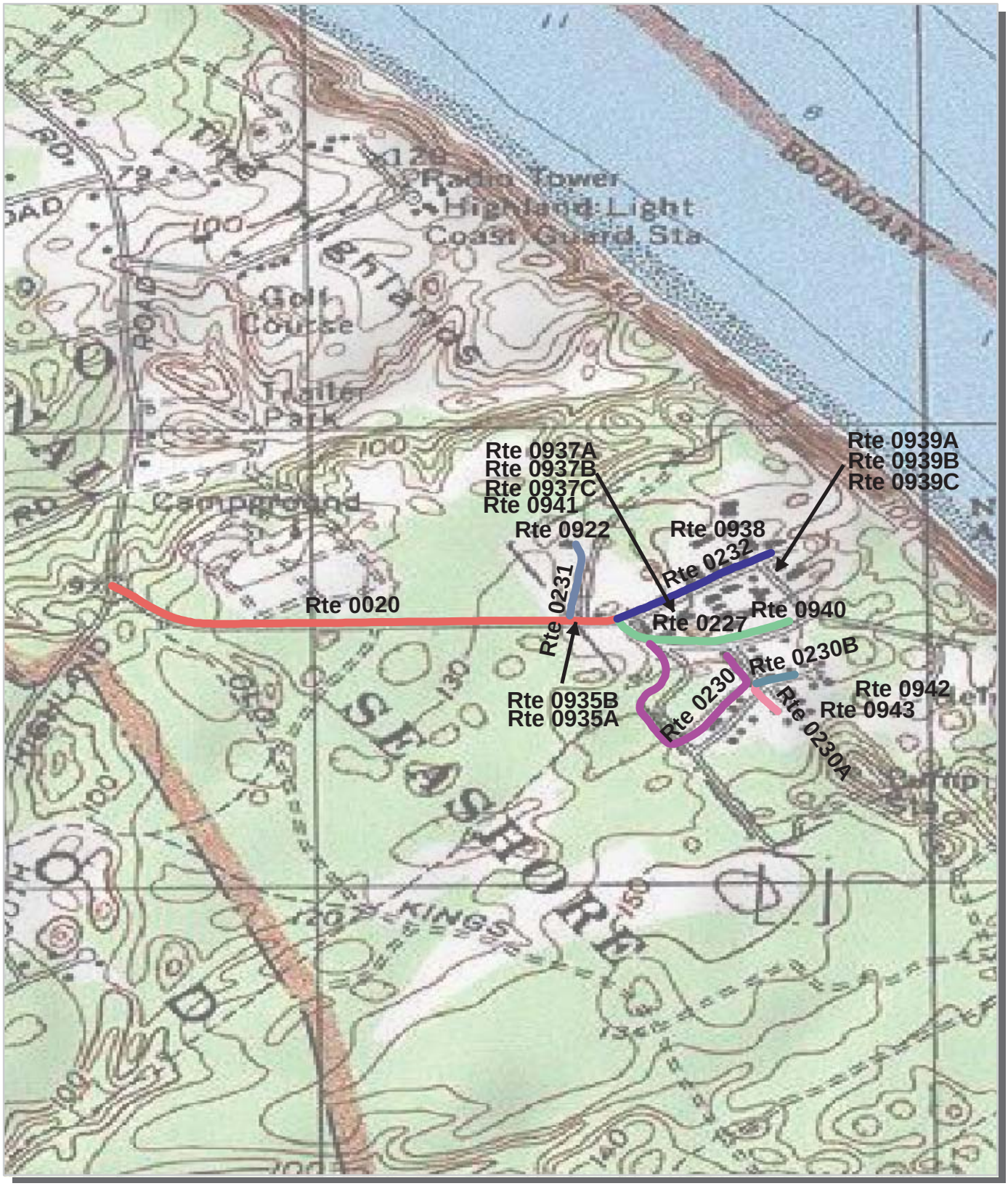


Unique colors used to differentiate routes

0.25 0.125 0 0.25
Miles

N

Cape Cod National Seashore
Route Location
Area Map 3

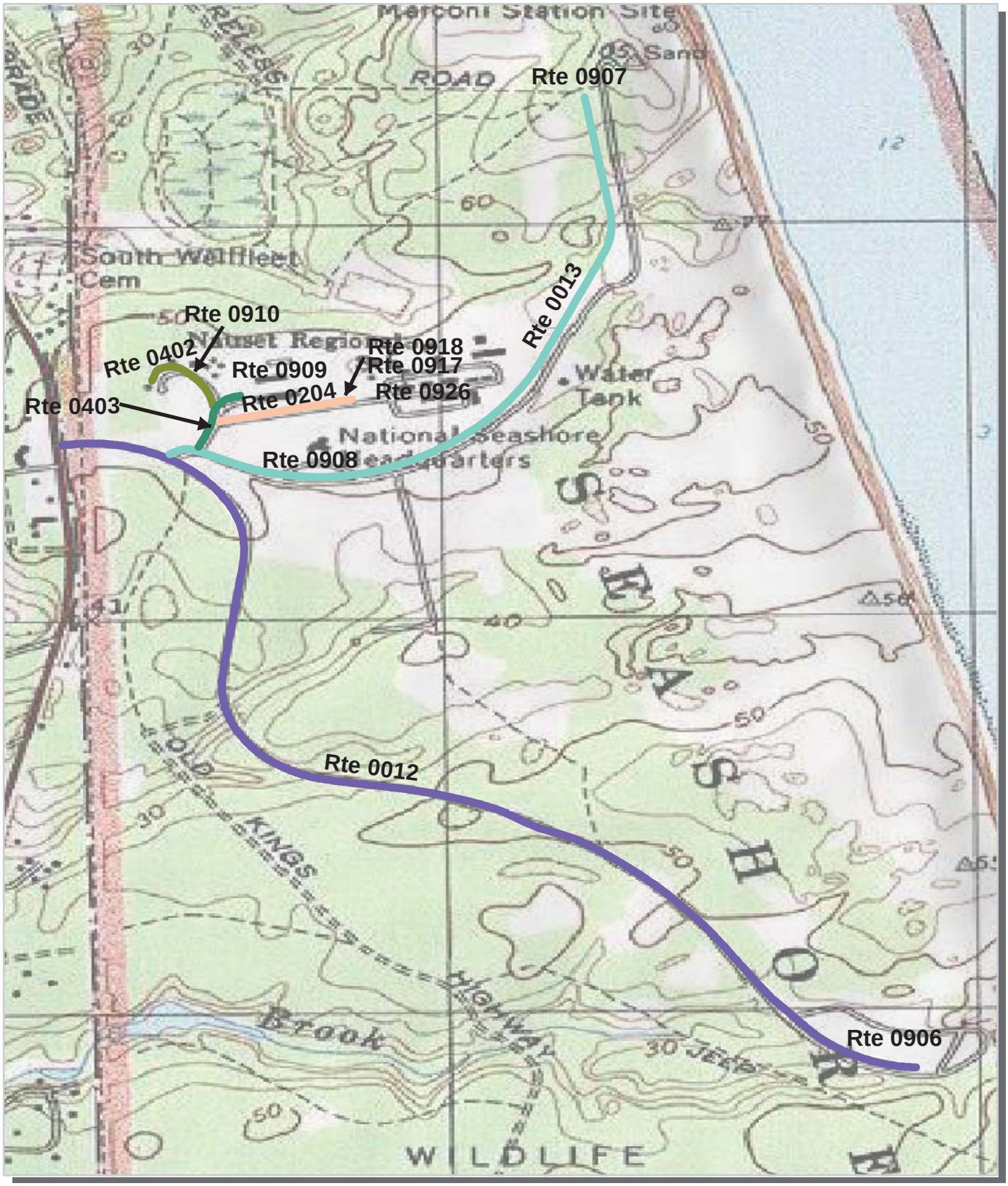


Unique colors used to differentiate routes

0.25 0.125 0 0.25
Miles

N

Cape Cod National Seashore
Route Location
Area Map 4

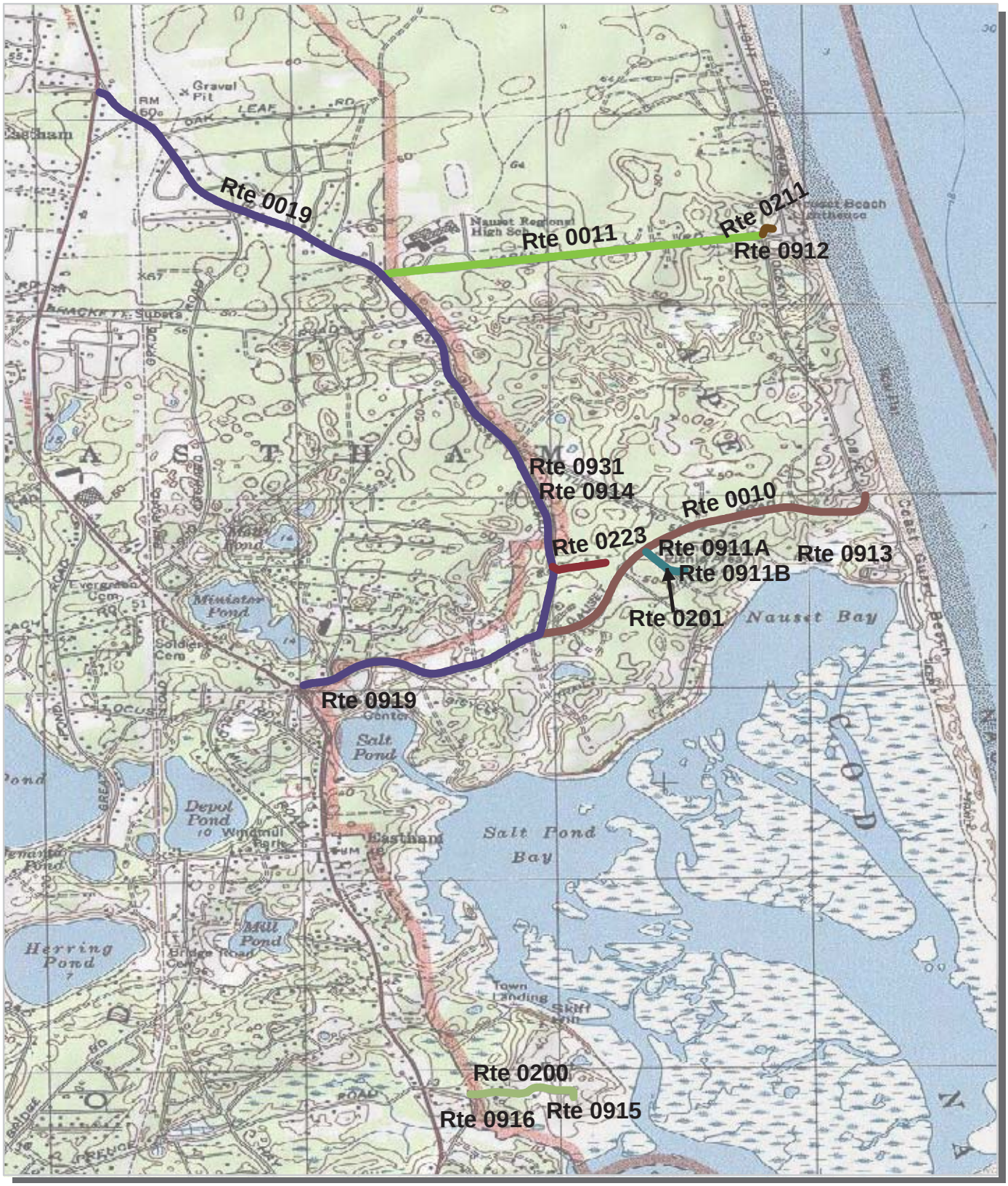


Unique colors used to differentiate routes

0.25 0.125 0 0.25 Miles

N

Cape Cod National Seashore
Route Location
Area Map 5

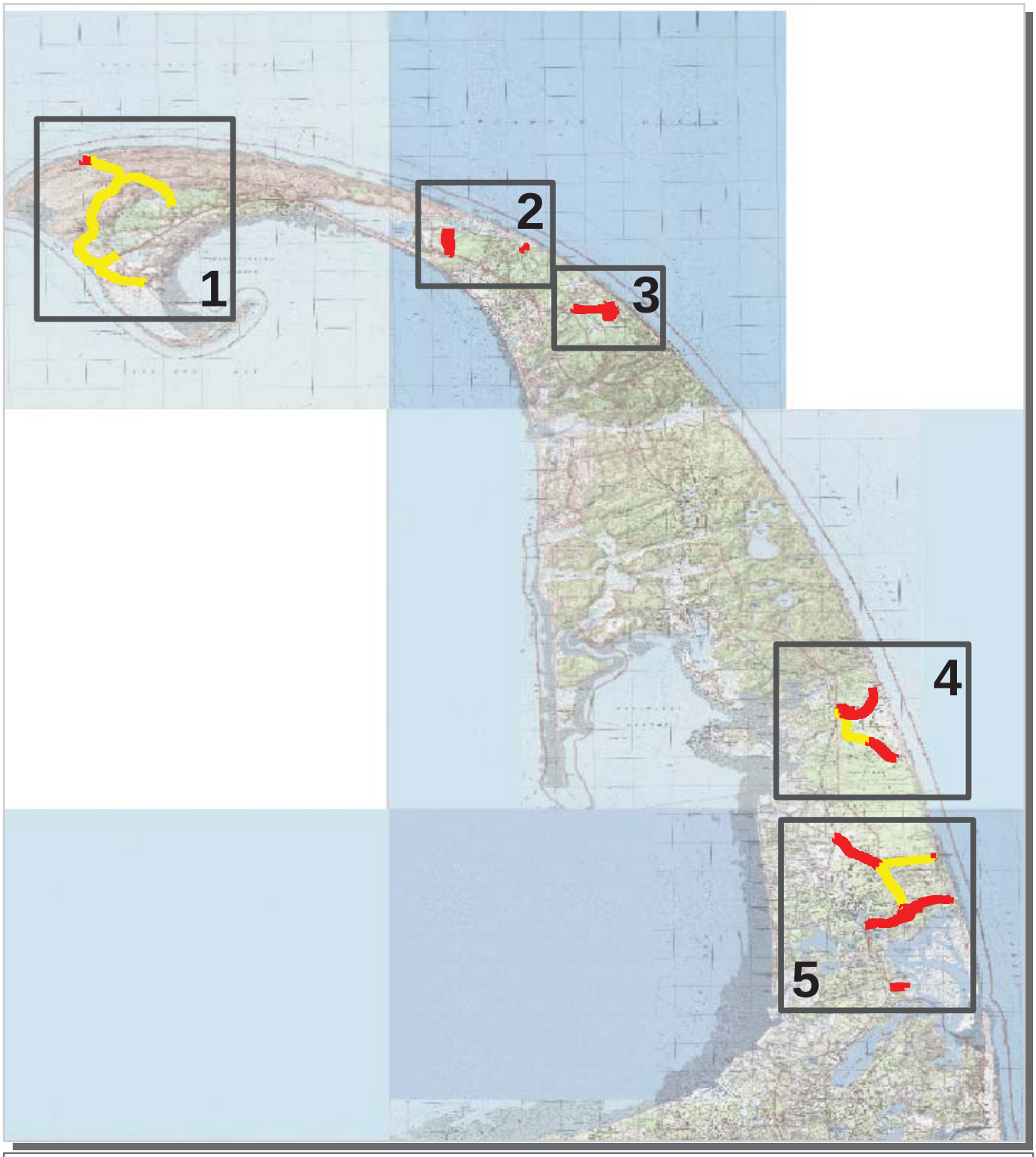


Unique colors used to differentiate routes

0.5 0.25 0 0.5
Miles

N

Cape Cod National Seashore
Route Condition Key Map
PCR - Mile by Mile



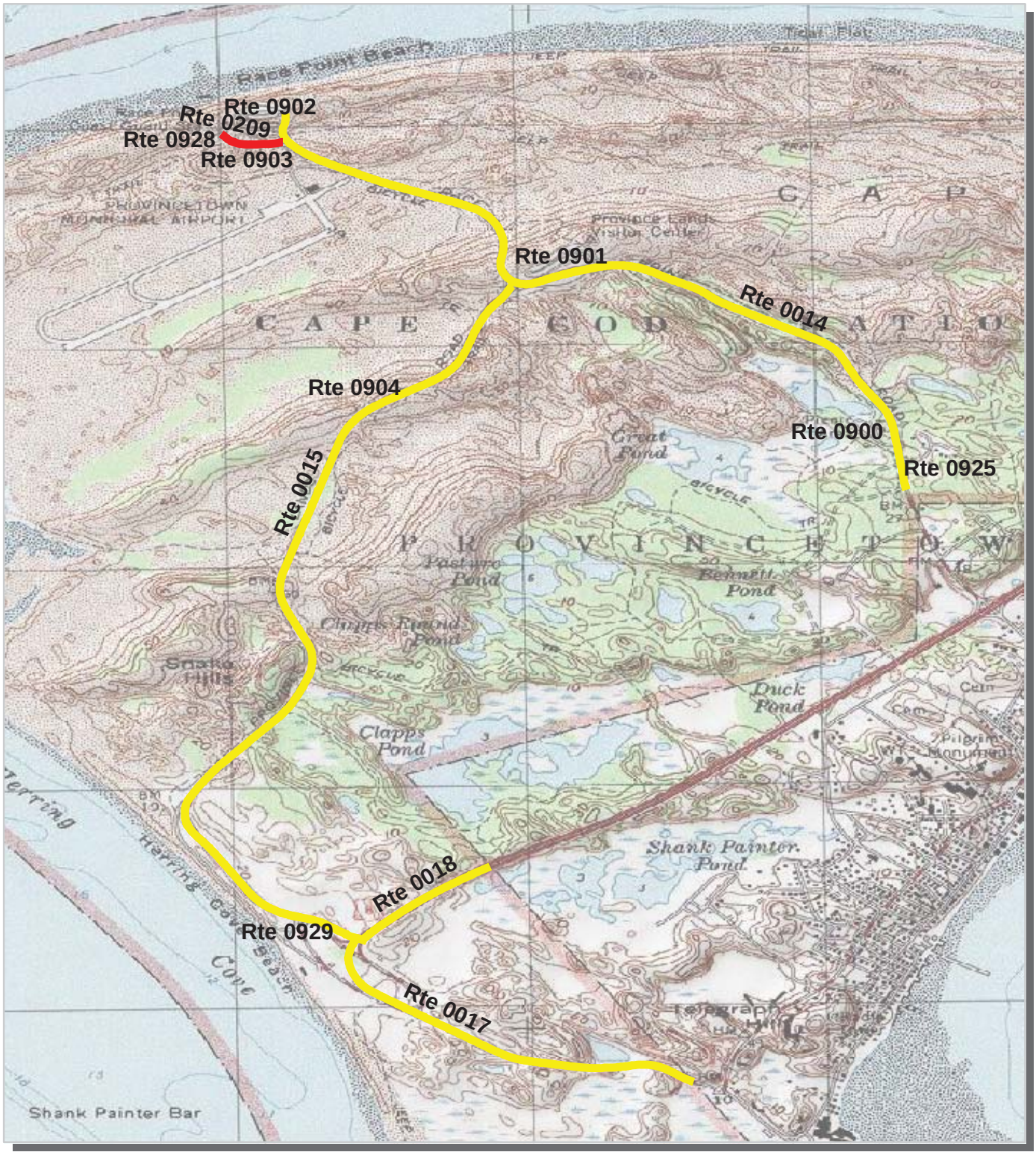
PCR | Poor (<=60) | Fair (61 - 84) | Good (85 - 94) | Excellent (95 - 100)

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

3 1.5 0 3 Miles

N

Cape Cod National Seashore
Route Condition Area Map 1
PCR - Mile by Mile



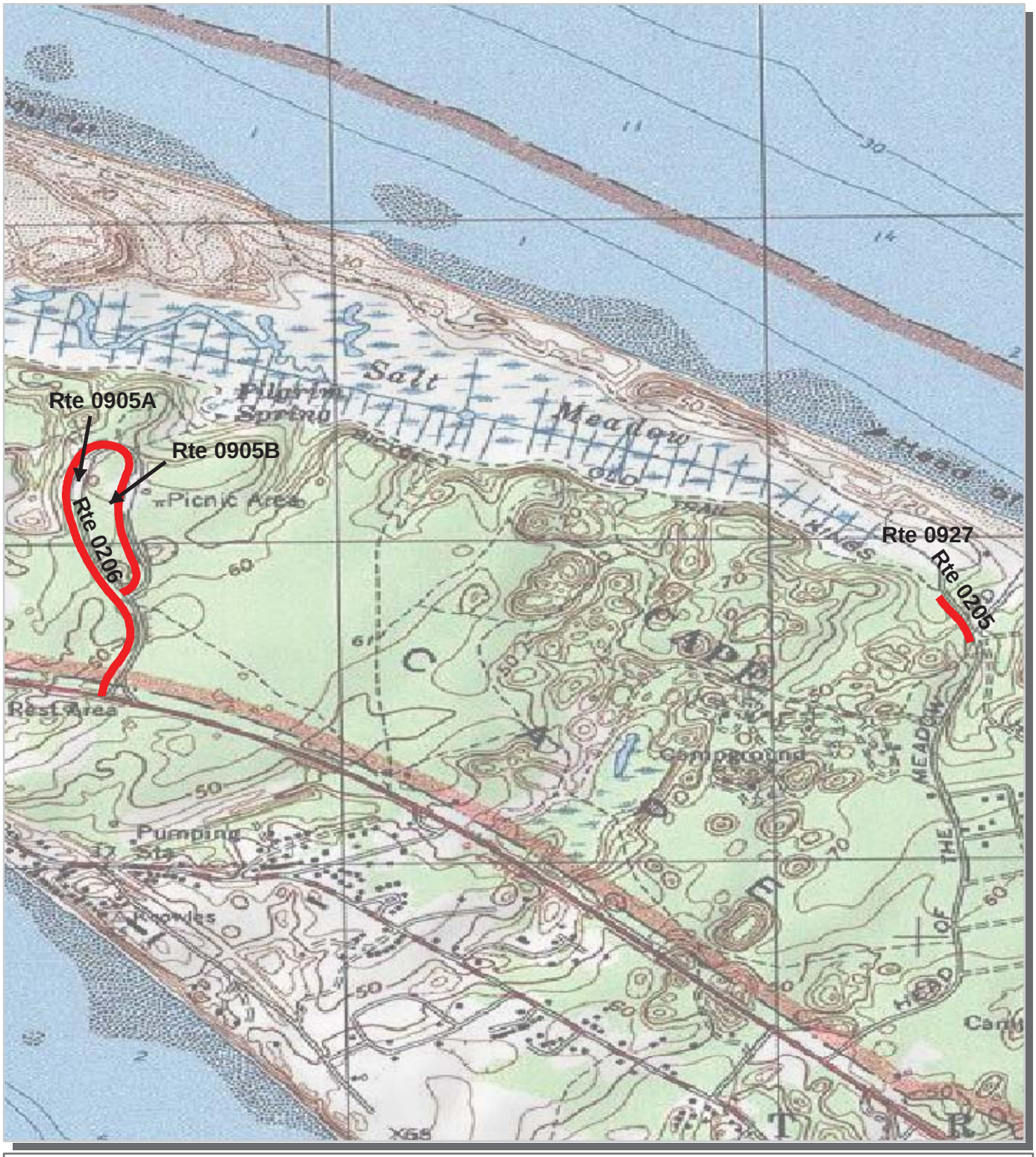
PCR	Poor	Fair	Good	Excellent
	(<=60)	(61 - 84)	(85 - 94)	(95 - 100)

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

0.5 0.25 0 0.5 Miles

N

Cape Cod National Seashore
Route Condition Area Map 2
PCR - Mile by Mile



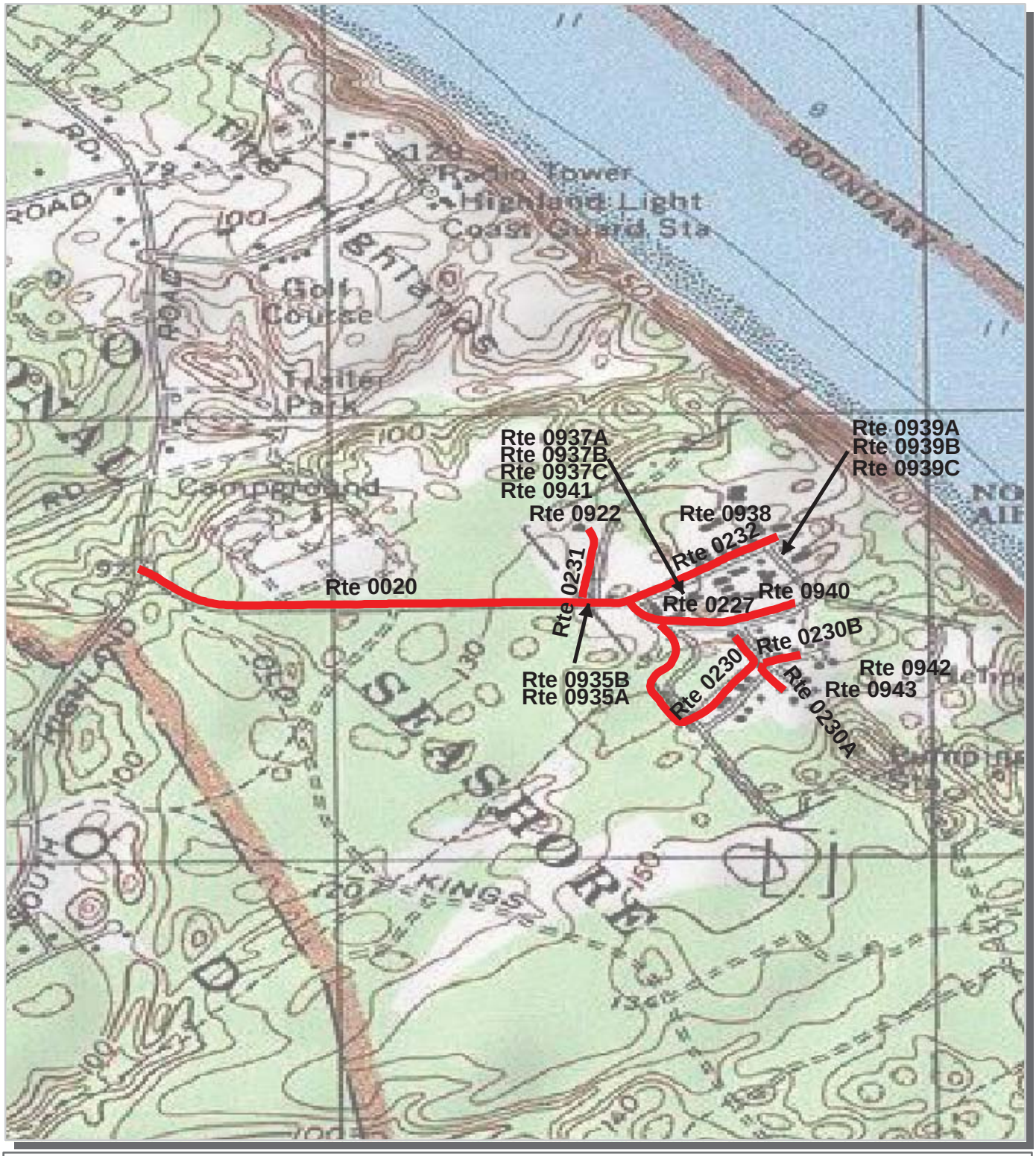
PCR	Poor	Fair	Good	Excellent
	(<=60)	(61 - 84)	(85 - 94)	(95 - 100)

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

0.25 0.125 0 0.25
Miles

N

Cape Cod National Seashore
Route Condition Area Map 3
PCR - Mile by Mile



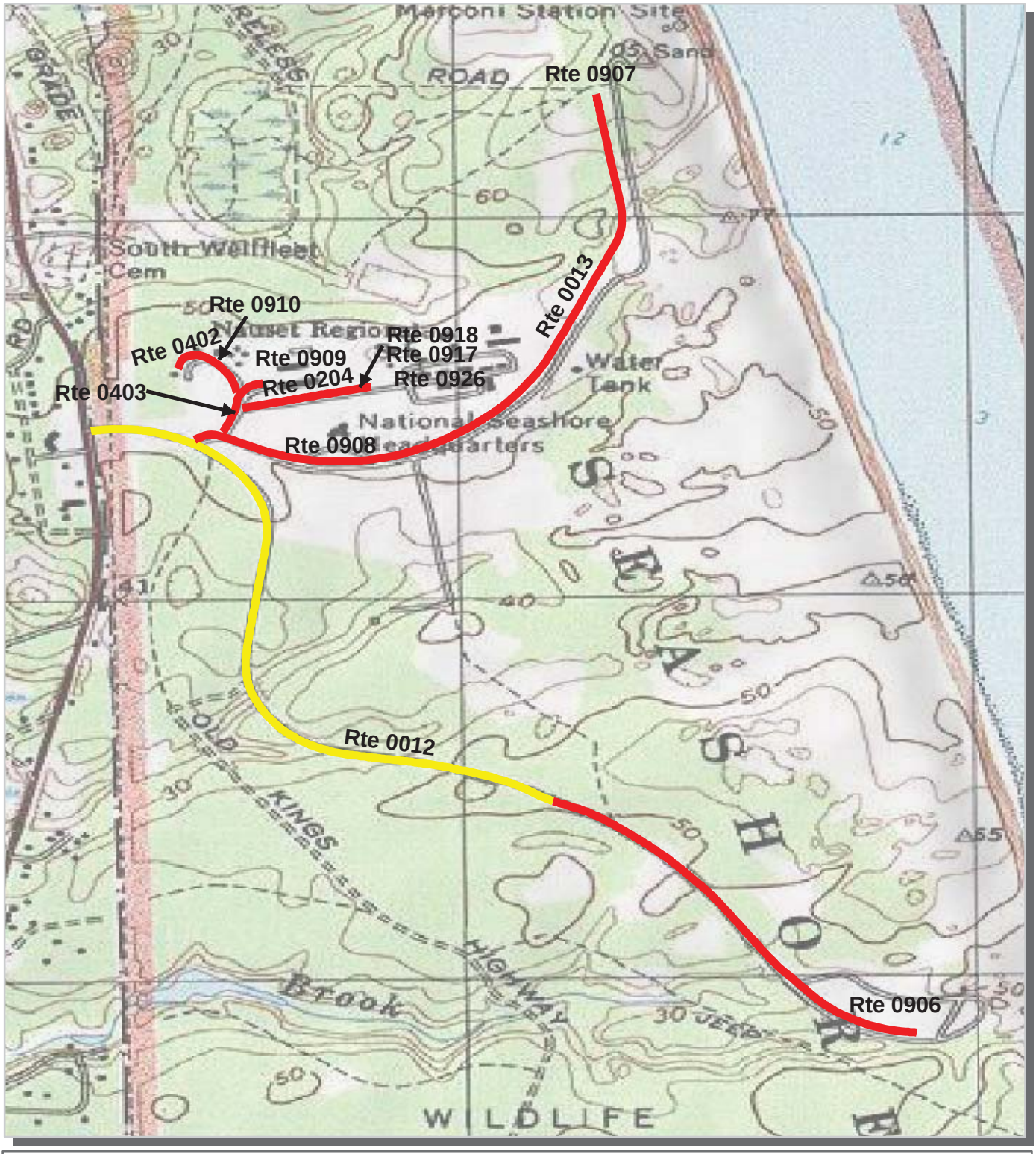
PCR | Poor (<=60) | Fair (61 - 84) | Good (85 - 94) | Excellent (95 - 100)

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

0.25 0.125 0 0.25 Miles

N

Cape Cod National Seashore
Route Condition Area Map 4
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.

0.25 0.125 0 0.25 Miles

N

Cape Cod National Seashore
Route Condition Area Map 5
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.

0.5 0.25 0 0.5 Miles

N

NPS/RIP Route ID Report

(Numerical By Route #)

Shading Color Key:
Red text denotes approx. mileage

White = Paved Routes, ARAN Driven
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Black = Paved State, Local or Private non-NPS Routes, ARAN Driven
Purple =

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Cape Cod 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
0010	32428	DOANE ROAD	From Route 0019	To Ocean View Drive	1.01	0.00	1.01	1	2	0	OC
0011	32431	CABLE ROAD	From Route 0019 at MP 0.94	To Ocean View Drive / Route 0211 Intersection	0.93	0.00	0.93	1	2	0	AS
0012	32437	MARCONI BEACH ROAD	From State Route 6	To Route 0906	1.62	0.00	1.62	1	2	0	OC
0013	32440	MARCONI SITE ROAD	From Route 0012 at MP 0.12	To Route 0907	0.97	0.00	0.97	1	2	0	OC
0014	32451	RACE POINT ROAD	From Park Boundary	To Route 0902	1.96	0.00	1.96	1	2	0	AS
0015	32456	PROVINCE LANDS ROAD	From Route 0014 at MP 1.2	To Route 0018 and Route 0017 Intersection	2.29	0.00	2.29	1	2	0	AS
0017	32459	MOORS ROAD	From Route 0015 and SR 6 Intersection	To Park Boundary	0.93	0.00	0.93	1	2	0	AS
0018	32463	STATE ROUTE 6	From Route 0017 and Route 015 Intersection	To Park Boundary	0.35	0.00	0.35	1	2	0	AS
0019	32467	NAUSET ROAD	From SR 6, heading South, Past Route 0010 Intersection	To SR 6	2.88	0.00	2.88	1	2	0	AS
0020	32471	OLD DEWLINE ROAD	From South Highlands Road (Town Road)	To Route 0232 and Route 0227 Intersection	0.53	0.00	0.53	1	2	0	OC
0200	32476	FORT HILL AREA ROAD	From Town Road	To Route 0915	0.29	0.00	0.29	3	2	0	AS
0201	32477	DOANE ROCK PICNIC AREA ROAD	From Route 0010 at MP 0.4	To Route 0911B	0.13	0.00	0.13	3	2	0	OC
0202	32478	TOMAHAWK TRAIL	From Route 0010 at MP 0.3	To End of loop	0.59	0.00	0.59	3	1	47,045	AS
0204	32480	MARCONI EMPLOYEE PARKING ROAD	From Route 0403	To Route 0926	0.17	0.00	0.17	5	2	0	OC
0205	32481	HEAD OF THE MEADOW BEACH ROAD	From Head of the Meadow Road	To Route 0927	0.12	0.00	0.12	3	2	0	OC
0206	32483	PILGRIM HEIGHTS ROAD	From SR 6	To end of loop	0.87	0.00	0.87	3	2	0	OC
0207	32484	HIGH HEAD ROAD	From Town Road	To Route 0920	0.00	0.40	0.40	3	2	0	GR
0209	32487	RACE POINT COAST GUARD STATION ROAD	From Route 0014 at MP 1.9	To Route 0928	0.15	0.00	0.15	3	2	0	AS
0211	32489	NAUSET LIGHT BEACH ACCESS ROAD	From Ocean View Drive and Route 0011 Intersection	To Route 0912	0.06	0.00	0.06	3	2	0	AS
0220	32490	COAST GUARD BEACH SHUTTLE ACCESS ROAD	From Route 0010 at MP 0.94	To Bus Turnaround	0.22	0.00	0.22	3	2	25,371	AS
0223	32517	MACPHERSON WAY	From Route 0019 at MP 2.0	To End	0.14	0.00	0.14	3	2	0	OC
0225	32521	COAST GUARD BEACH SHUTTLE BUS STOP ACCESS ROAD	From Route 0010 at MP 0.41	To Route 0914	0.19	0.00	0.19	3	2	23,950	AS
0227	32524	NTAFS LANDING ROAD	From End of Route 0020	To End	0.19	0.00	0.19	6	2	0	OC
0228	32525	WELL ROAD	From Route 0230 at MP 0.02	To End	0.05	0.00	0.05	6	1	2,658	AS
0229	32529	SEWAGE TREATMENT PARKING ROAD	From Route 0227	To End	0.13	0.00	0.13	6	1	6,083	AS
0230	32527	NTAFS RESIDENCE ACCESS ROAD	From Route 0227 at MP 0.04	To Route 0227 at MP 0.11	0.34	0.00	0.34	6	2	0	OC
0230A		NTAFS RESIDENCE STREET A	From Route 0230 at MP 0.29	To Dead End	0.05	0.00	0.05	6	2	0	OC
0230B		NTAFS RESIDENCE STREET B	From Route 0230 at MP 0.29	To Cul De Sac	0.05	0.00	0.05	6	2	0	OC

NPS/RIP Route ID Report

(Numerical By Route #)

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Cape Cod 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
0231	32538	NAC LABORATORY ACCESS ROAD	From Route 0020 at MP 0.48	To Route 0922	0.12	0.00	0.12	5	2	0	OC
0232	32541	NTAFS ACCESS ROAD	From End of Route 0020	To Pavement Change at FAA Access Road	0.19	0.00	0.19	6	2	0	OC
0233	32544	NTAFS FUEL HOUSE ROAD	From Route 0232 at MP 0.15	To Route 0227	0.09	0.00	0.09	6	1	5,386	OC
0325	32547	SPECTACLE POND ROAD	From Long Pond Road	To Route 0921	0.00	0.69	0.69	3	2	0	GR
0401	32553	PUMPHOUSE ROAD	From Route 0013	To End of Pavement	0.26	0.00	0.26	4	1	12,891	AS
0402	32554	MARCONI RESIDENCE ROAD	From Route 0403 at MP 0.07	To End of Pavement	0.13	0.00	0.13	5	2	0	OC
0403	32556	MARCONI MAINTENANCE AREA ROAD	From Route 0013	To Route 0909	0.12	0.00	0.12	5	2	0	OC
0404	32557	MEADOW RESIDENCE ROAD	From Head of Meadow Town Road	To End at Park Residences	0.00	0.31	0.31	5	2	0	GR
0405	32558	COAST GUARD BEACH SHUTTLE PICKUP ROUTE	From Route 0010 at MP 0.43	To End of loop	0.19	0.00	0.19	3	2	21,907	AS
0407	32567	PROVINCE LANDS RESIDENCE ROAD	From Route 0014 at MP 0.1	To End	0.20	0.00	0.20	5	2	19,562	AS
0900	32578	BEECH FOREST PARKING	From Route 0014 at MP 0.14	To End at Parking	0.00	0.00	0.00	9	0	45,019	OC
0901	32580	PROVINCE LANDS VISITOR CENTER PARKING	Adjacent to Route 0014 at MP 1.0		0.00	0.00	0.00	9	0	96,393	OC
0902	32581	RACE POINT BEACH PARKING	At End of Route 0014		0.00	0.00	0.00	9	0	139,477	OC
0903	32582	RACE POINT AIR STATION PARKING	Adjacent to Route 0209 on Right		0.00	0.00	0.00	9	0	9,723	OC
0904	32583	PROVINCE LANDS ROAD PARKING	Adjacent to Route 0015 at MP 0.4		0.00	0.00	0.00	9	0	4,772	OC
0905A	32584	PILGRIM HEIGHTS PICNIC AREA PARKING WEST	Adjacent to Route 0206 at MP 0.46 on Left and Right		0.00	0.00	0.00	9	0	17,433	OC
0905B	32585	PILGRIM HEIGHTS PICNIC AREA PARKING EAST	Adjacent to Route 0206 at MP 0.63 on Left and Right		0.00	0.00	0.00	9	0	18,538	OC
0906	32586	MARCONI BEACH PARKING	At End of Route 0012		0.00	0.00	0.00	9	0	223,833	OC
0907	32587	MARCONI STATION SITE PARKING	At End of Route 0013		0.00	0.00	0.00	9	0	23,405	OC
0908	32588	PARK HEADQUARTERS PARKING	Adjacent to Route 0013		0.00	0.00	0.00	9	0	22,892	OC
0909	32589	MARCONI MAINTENANCE AREA PARKING	At End of Route 0403		0.00	0.00	0.00	9	0	59,904	AS
0910	32590	MARCONI RESIDENCE ROAD PARKING	Adjacent to Route 0402		0.00	0.00	0.00	9	0	1,332	OC
0911A	32593	DOANE ROCK PICNIC AREA A PARKING	Adjacent to Route 0201 on Left		0.00	0.00	0.00	9	0	7,353	AS
0911B	32594	DOANE ROCK PICNIC AREA B PARKING	At End of Route 0201 on Right		0.00	0.00	0.00	9	0	8,138	AS
0912	32595	NAUSSET LIGHT BEACH PARKING	At End of Route 0211		0.00	0.00	0.00	9	0	72,108	AS

NPS/RIP Route ID Report

(Numerical By Route #)

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CACO

Cape Cod 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
0913	32596	COAST GUARD BEACH ENVIRONMENTAL EDUCATION CENTER PARKING	At End of Route 0220		0.00	0.00	0.00	9	0	36,840	AS
0914	32597	COAST GUARD BEACH BUS STOP PARKING	At End of Route 0225		0.00	0.00	0.00	9	0	180,503	AS
0915	32598	FORT HILL AREA PARKING	At End of Route 0200		0.00	0.00	0.00	9	0	4,132	AS
0916	32599	FORT HILL TRAILHEAD PARKING	Adjacent to Route 0200 on Left		0.00	0.00	0.00	9	0	4,738	AS
0917	32600	PARK HEADQUARTERS EMPLOYEE PARKING	Adjacent to Route 0204 on Right		0.00	0.00	0.00	9	0	21,624	OC
0918	32601	OLD VEHICLE STORAGE AREA	Adjacent to Route 0204 on Left		0.00	0.00	0.00	9	0	6,584	CO
0919	32602	SALT POND VISITOR CENTER PARKING	Near end of Route 0019 on Left		0.00	0.00	0.00	9	0	98,024	AS
0920	32603	HIGH HEAD ROAD PARKING	At End of Route 0207		0.00	0.00	0.00	9	0	0	GR
0921		SPECTACLE POND PARKING	At End of Route 0325		0.00	0.00	0.00	9	0	0	GR
0922	32604	NAC LABORATORY PARKING	At End of Route 0231 on Right		0.00	0.00	0.00	9	0	8,445	OC
0925	32649	PROVINCE LANDS MAINTENANCE PARKING	Adjacent to Route 0407		0.00	0.00	0.00	9	0	31,891	OC
0926	32650	MARCONI EMPLOYEE PARKING ROAD HELIPAD	At End of Route 0204		0.00	0.00	0.00	9	0	9,371	OC
0927	32651	HEAD OF THE MEADOW PARKING	At End of Route 0205		0.00	0.00	0.00	9	0	172,653	OC
0928	32652	RACE POINT RANGER STATION PARKING	At End of Route 0209		0.00	0.00	0.00	9	0	21,330	OC
0929	32653	HERRING COVE BEACH PARKING	Adjacent to Route 0015		0.00	0.00	0.00	9	0	279,810	AS
0930	32654	GREAT ISLAND TRAIL AND PICNIC PARKING	Adjacent to Chequesset Neck Road (Wellfleet Town Road)		0.00	0.00	0.00	9	0	28,101	AS
0931	32655	NAUSET RANGER STATION PARKING	Adjacent to Route 0019		0.00	0.00	0.00	9	0	3,943	AS
0935A	32656	OLD DEWLINE ROAD A PARKING	Adjacent to Route 0020 at MP 0.5 on Right		0.00	0.00	0.00	9	0	3,810	OC
0935B	32657	OLD DEWLINE ROAD B PARKING	Adjacent to Route 0020 at MP 0.48 on Left		0.00	0.00	0.00	9	0	3,625	OC
0937A	32658	NTAFS ACCESS ROAD A PARKING	Adjacent to Route 0232 at MP 0.05 on Right		0.00	0.00	0.00	9	0	8,146	OC
0937B	32659	NTAFS ACCESS ROAD B PARKING	Adjacent to Route 0232 at MP 0.06 on Left		0.00	0.00	0.00	9	0	9,616	OC
0937C	32660	NTAFS ACCESS ROAD C PARKING	Adjacent to Route 0232 at MP 0.12 on Left		0.00	0.00	0.00	9	0	2,264	OC
0938	32661	AIR FORCE MAINTENANCE AREA	From Route 0232	Through maintenance area	0.00	0.00	0.00	9	0	38,399	OC
0939A	32662	NTAFS FUEL HOUSE ROAD A PARKING	Adjacent to Route 0233 on Right		0.00	0.00	0.00	9	0	3,125	OC
0939B	32663	NTAFS FUEL HOUSE ROAD B PARKING	Adjacent to Route 0233 on Left		0.00	0.00	0.00	9	0	4,100	OC
0939C	32664	NTAFS FUEL HOUSE ROAD C PARKING	From Route 0233 on Left	To End	0.00	0.00	0.00	9	0	8,007	OC

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 =	

CACO

Cape Cod 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
0940	32665	HEAT PLANT PARKING	Adjacent to Route 0227 and Route 0233		0.00	0.00	0.00	9	0	6,832	OC
0941	32666	WATER PLANT PARKING	Adjacent to Route 0227		0.00	0.00	0.00	9	0	20,673	AS
0942	32667	NTAFS HELIPAD	Adjacent to Route 0229		0.00	0.00	0.00	9	0	13,205	AS
0943	32668	SEWAGE TREATMENT PARKING	From Route 0942		0.00	0.00	0.00	9	0	2,433	OC
0944		CRANBERRY BOG TRAIL PARKING	Adjacent to North Pamet Road		0.00	0.00	0.00	9	0	0	GR
				Totals:	18.51	1.40	**19.91**			1,947,396	

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.

****

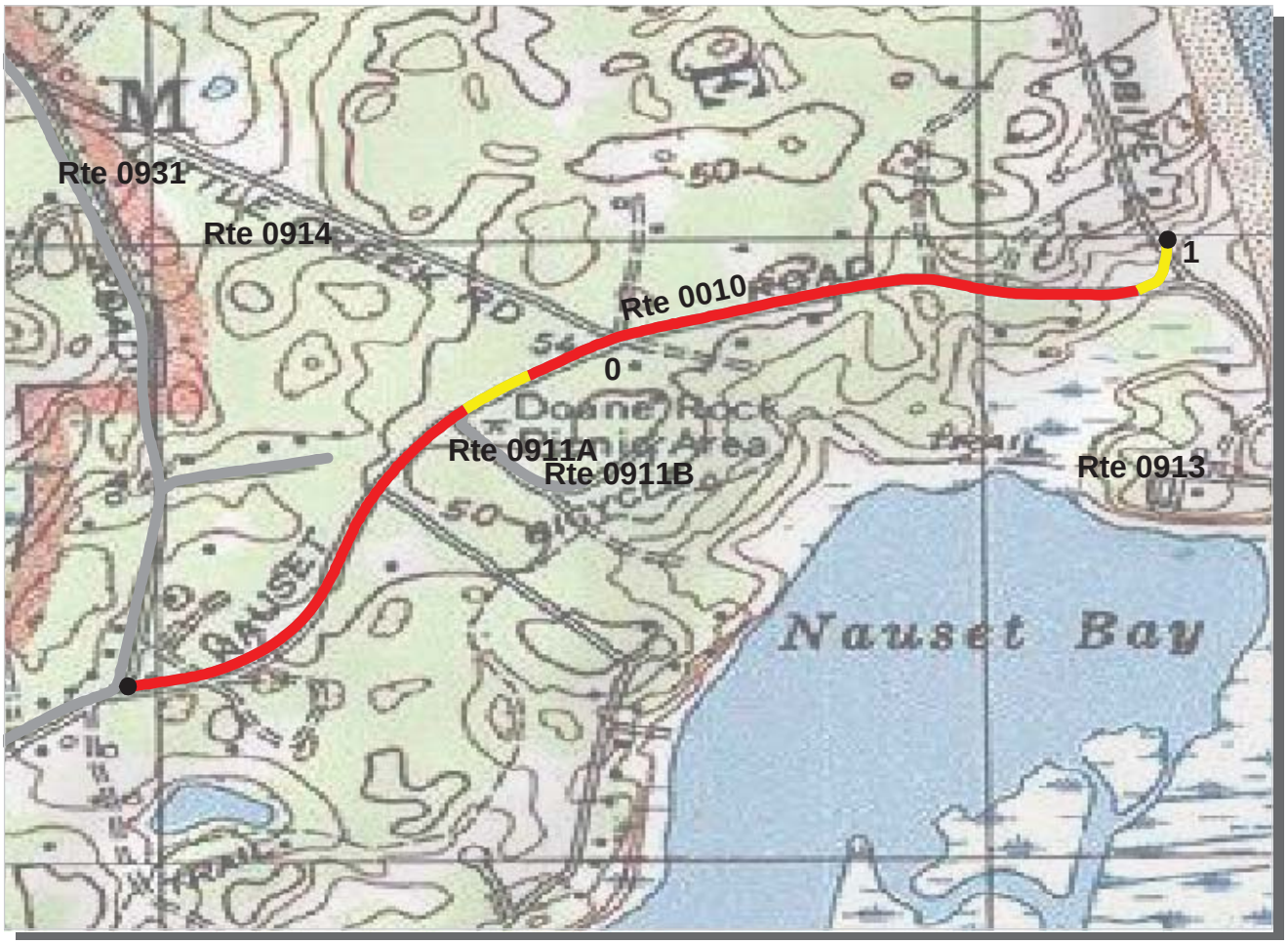
A park road system contains those roads within or giving access to a park or other unit of the NPS which are administered by the NPS, or by the Service in cooperation with other agencies. The assignment of a functional classification (FC) to a park road is not based on traffic volumes or design speed,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

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

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 (<=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.

Northeast Region
CACO : Cape Cod National Seashore

ROUTE: 0010 DOANE ROAD **TOTAL LENGTH: 1.01 Miles**

Section Number	0	1			
Section Length (mi)	1.00	0.01			
AADT	**				
SADT	**				
ADT Date	**				
Cross Section Information					
Number of Lanes	2	2			
Paved Width (ft)	19	19			
Lane Width (ft)	10	10			
Shoulder Width (ft)	0	0			
Roadway Condition Information					
PCR (Pavement Condition Rating)	38	53			
RCI (Roughness Condition Index)	63	58			
SCR (Surface Condition Rating)	24	50			
Alligator Cracking Index	73	100			
Rutting Index	48	50			
Patching Index	100	100			
Tranverse Cracking Index	91	100			
Longitudinal Cracking Index	96	100			
Shoulder Condition Rating	N/A	N/A			
Drainage Condition Rating	GOOD	GOOD			

* NC designates data not collected N/A 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.

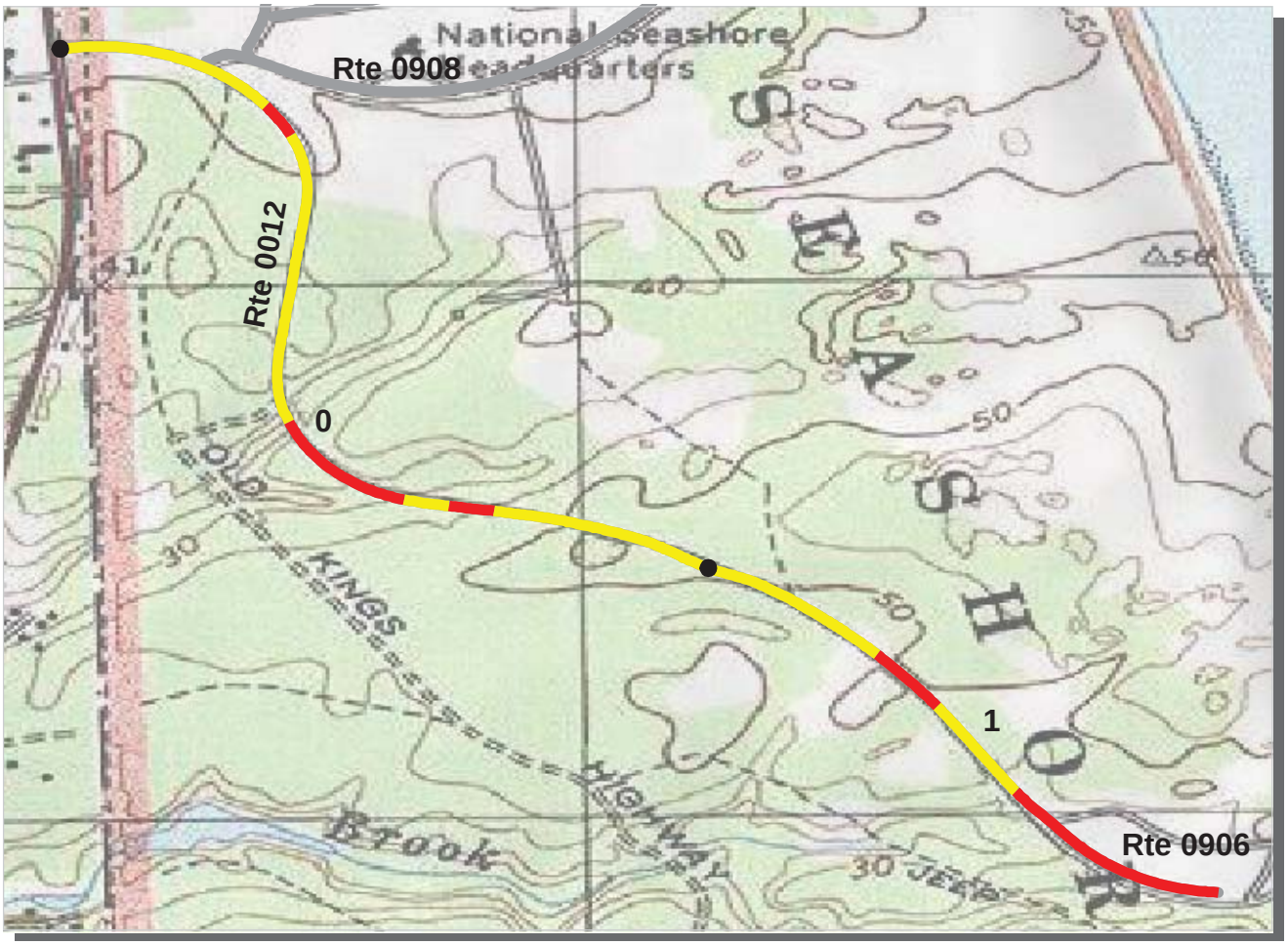
Northeast Region
CACO : Cape Cod National Seashore

ROUTE: 0011 CABLE ROAD **TOTAL LENGTH: 0.93 Miles**

Section Number	0				
Section Length (mi)	0.93				
AADT	**				
SADT	**				
ADT Date	**				
Cross Section Information					
Number of Lanes	2				
Paved Width (ft)	18				
Lane Width (ft)	9				
Shoulder Width (ft)	1				
Roadway Condition Information					
PCR (Pavement Condition Rating)	61				
RCI (Roughness Condition Index)	89				
SCR (Surface Condition Rating)	46				
Alligator Cracking Index	96				
Rutting Index	58				
Patching Index	100				
Tranverse Cracking Index	94				
Longitudinal Cracking Index	97				
Shoulder Condition Rating	GOOD				
Drainage Condition Rating	GOOD				

* NC designates data not collected N/A 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.

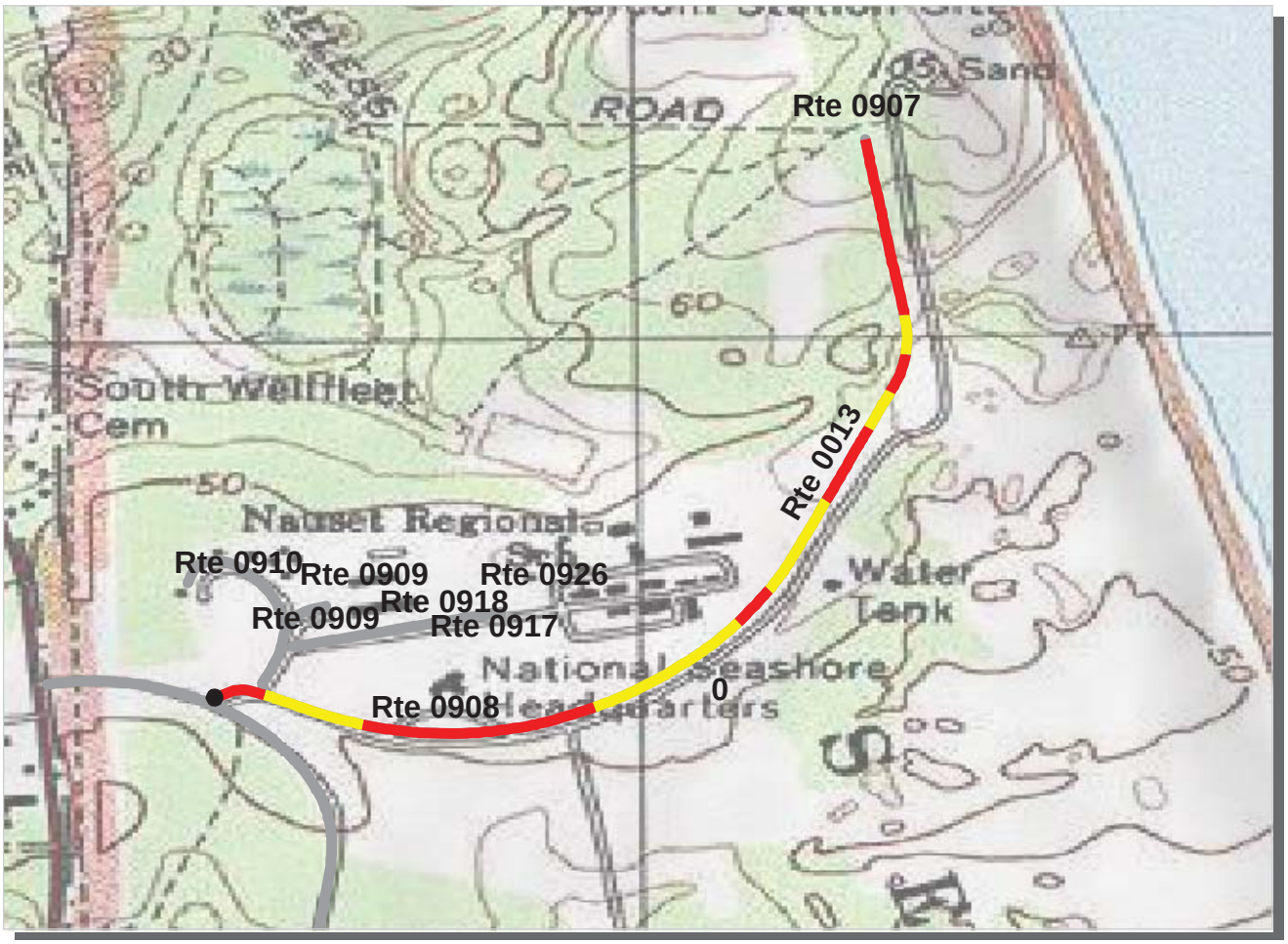
Northeast Region
CACO : Cape Cod National Seashore

ROUTE: 0012 MARCONI BEACH ROAD **TOTAL LENGTH: 1.62 Miles**

Section Number	0	1			
Section Length (mi)	1.00	0.62			
AADT	**				
SADT	**				
ADT Date	**				
Cross Section Information					
Number of Lanes	2	2			
Paved Width (ft)	19	18			
Lane Width (ft)	9	9			
Shoulder Width (ft)	2	2			
Roadway Condition Information					
PCR (Pavement Condition Rating)	68	55			
RCI (Roughness Condition Index)	94	85			
SCR (Surface Condition Rating)	51	35			
Alligator Cracking Index	100	98			
Rutting Index	54	40			
Patching Index	100	98			
Tranverse Cracking Index	97	97			
Longitudinal Cracking Index	99	98			
Shoulder Condition Rating	POOR	POOR			
Drainage Condition Rating	POOR	POOR			

* NC designates data not collected N/A 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.

Northeast Region
CACO : Cape Cod National Seashore

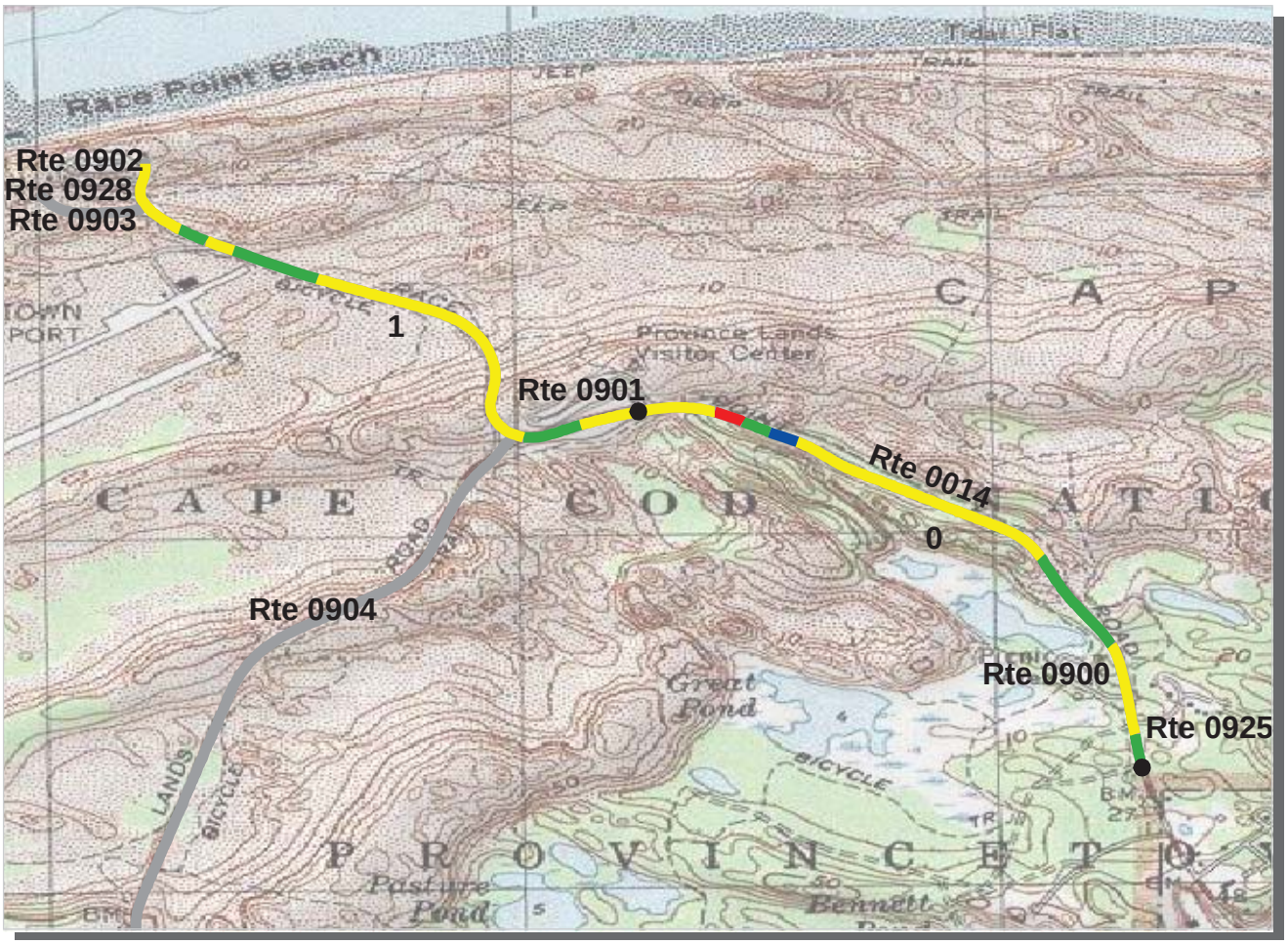
ROUTE: 0013 MARCONI SITE ROAD **TOTAL LENGTH: 0.97 Miles**

Section Number	0				
Section Length (mi)	0.97				
AADT	**				
SADT	**				
ADT Date	**				
Cross Section Information					
Number of Lanes	2				
Paved Width (ft)	18				
Lane Width (ft)	9				
Shoulder Width (ft)	0				
Roadway Condition Information					
PCR (Pavement Condition Rating)	53				
RCI (Roughness Condition Index)	82				
SCR (Surface Condition Rating)	35				
Alligator Cracking Index	96				
Rutting Index	50				
Patching Index	100				
Tranverse Cracking Index	91				
Longitudinal Cracking Index	95				
Shoulder Condition Rating	N/A				
Drainage Condition Rating	POOR				

* NC designates data not collected N/A designates not applicable

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

ROUTE: 0013 MARCONI SITE 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.

Northeast Region
CACO : Cape Cod National Seashore

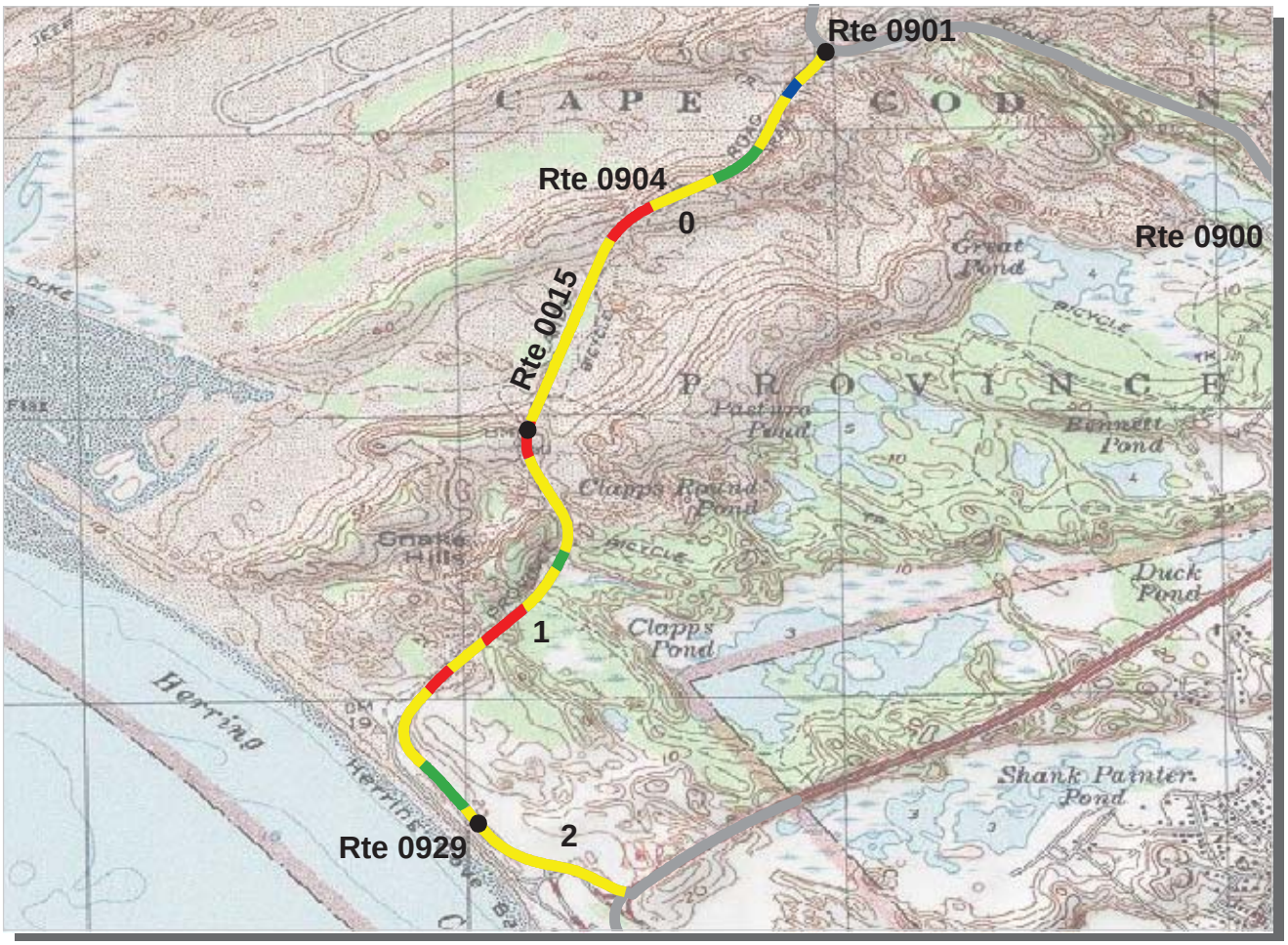
ROUTE: 0014 RACE POINT ROAD **TOTAL LENGTH: 1.96 Miles**

Section Number	0	1			
Section Length (mi)	1.00	0.96			
AADT	**				
SADT	**				
ADT Date	**				
Cross Section Information					
Number of Lanes	2	2			
Paved Width (ft)	19	19			
Lane Width (ft)	10	9			
Shoulder Width (ft)	0	0			
Roadway Condition Information					
PCR (Pavement Condition Rating)	82	74			
RCI (Roughness Condition Index)	95	95			
SCR (Surface Condition Rating)	74	63			
Alligator Cracking Index	100	100			
Rutting Index	74	63			
Patching Index	100	100			
Tranverse Cracking Index	100	99			
Longitudinal Cracking Index	99	99			
Shoulder Condition Rating	N/A	N/A			
Drainage Condition Rating	GOOD	GOOD			

* NC designates data not collected N/A designates not applicable

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

ROUTE: 0014 RACE POINT 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.

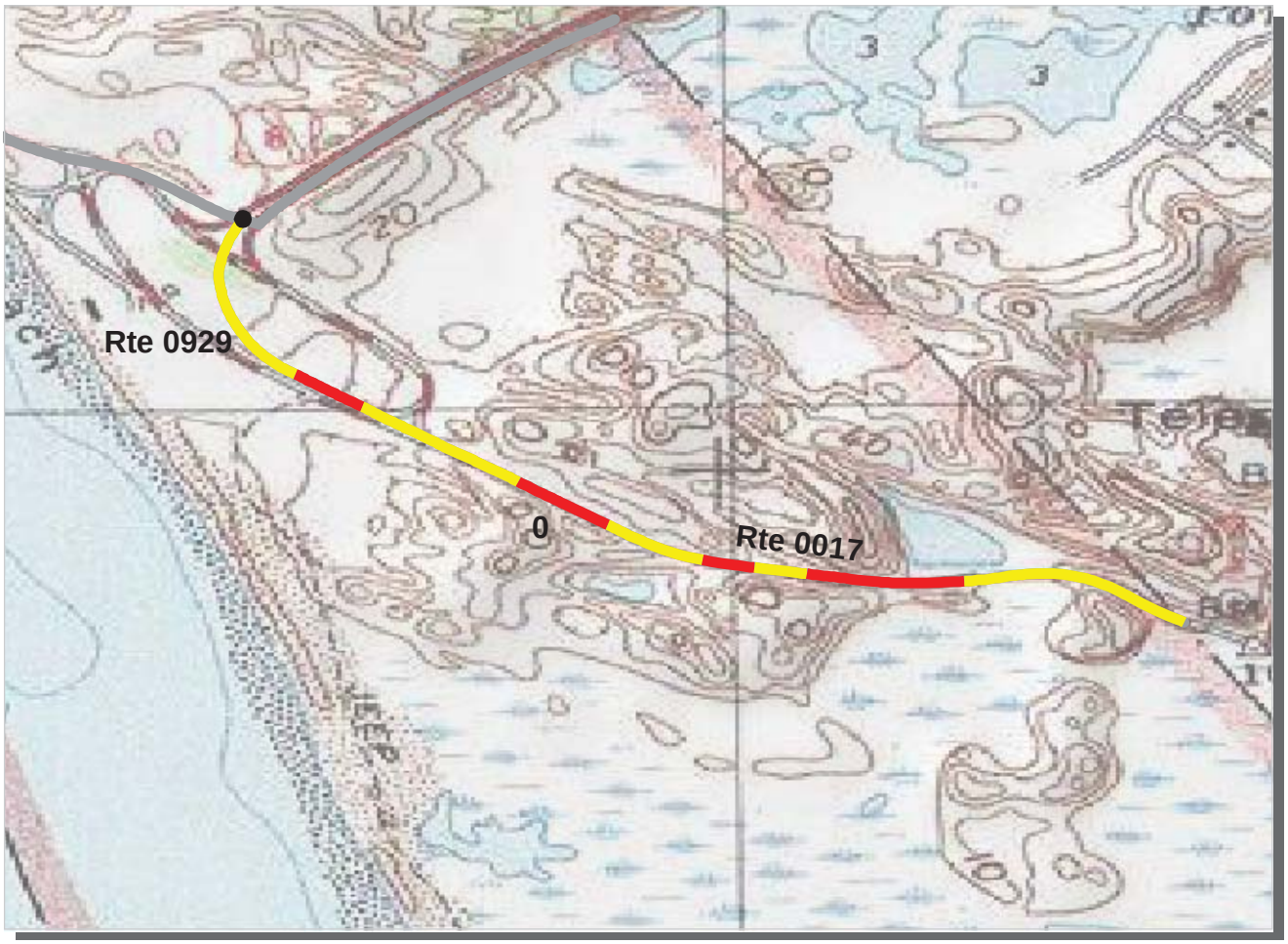
Northeast Region
CACO : Cape Cod National Seashore

ROUTE: 0015 PROVINCE LANDS ROAD **TOTAL LENGTH: 2.29 Miles**

Section Number	0	1	2		
Section Length (mi)	1.00	1.00	0.29		
AADT	**				
SADT	**				
ADT Date	**				
Cross Section Information					
Number of Lanes	2	2	2		
Paved Width (ft)	18	18	21		
Lane Width (ft)	9	10	11		
Shoulder Width (ft)	3	0	2		
Roadway Condition Information					
PCR (Pavement Condition Rating)	72	69	70		
RCI (Roughness Condition Index)	99	98	91		
SCR (Surface Condition Rating)	57	49	58		
Alligator Cracking Index	99	95	100		
Rutting Index	59	56	68		
Patching Index	100	100	100		
Tranverse Cracking Index	99	98	96		
Longitudinal Cracking Index	98	98	93		
Shoulder Condition Rating	N/C	N/A	GOOD		
Drainage Condition Rating	GOOD	GOOD	GOOD		

* NC designates data not collected N/A 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.

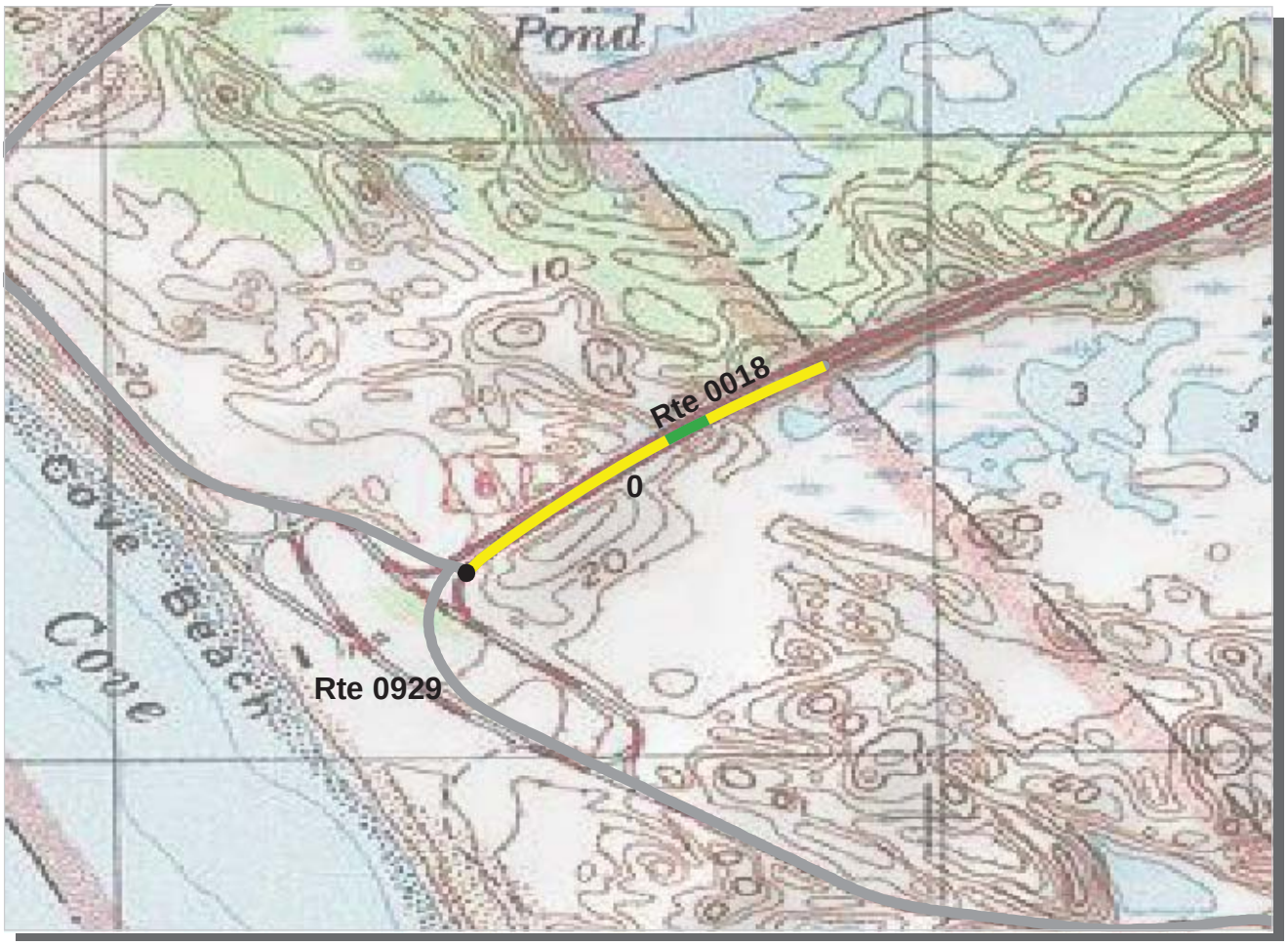
Northeast Region
CACO : Cape Cod National Seashore

ROUTE: 0017 MOORS ROAD **TOTAL LENGTH: 0.93 Miles**

Section Number	0				
Section Length (mi)	0.93				
AADT	**				
SADT	**				
ADT Date	**				
Cross Section Information					
Number of Lanes	2				
Paved Width (ft)	21				
Lane Width (ft)	11				
Shoulder Width (ft)	2				
Roadway Condition Information					
PCR (Pavement Condition Rating)	62				
RCI (Roughness Condition Index)	90				
SCR (Surface Condition Rating)	44				
Alligator Cracking Index	92				
Rutting Index	56				
Patching Index	99				
Tranverse Cracking Index	96				
Longitudinal Cracking Index	96				
Shoulder Condition Rating	GOOD				
Drainage Condition Rating	GOOD				

* NC designates data not collected N/A 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.

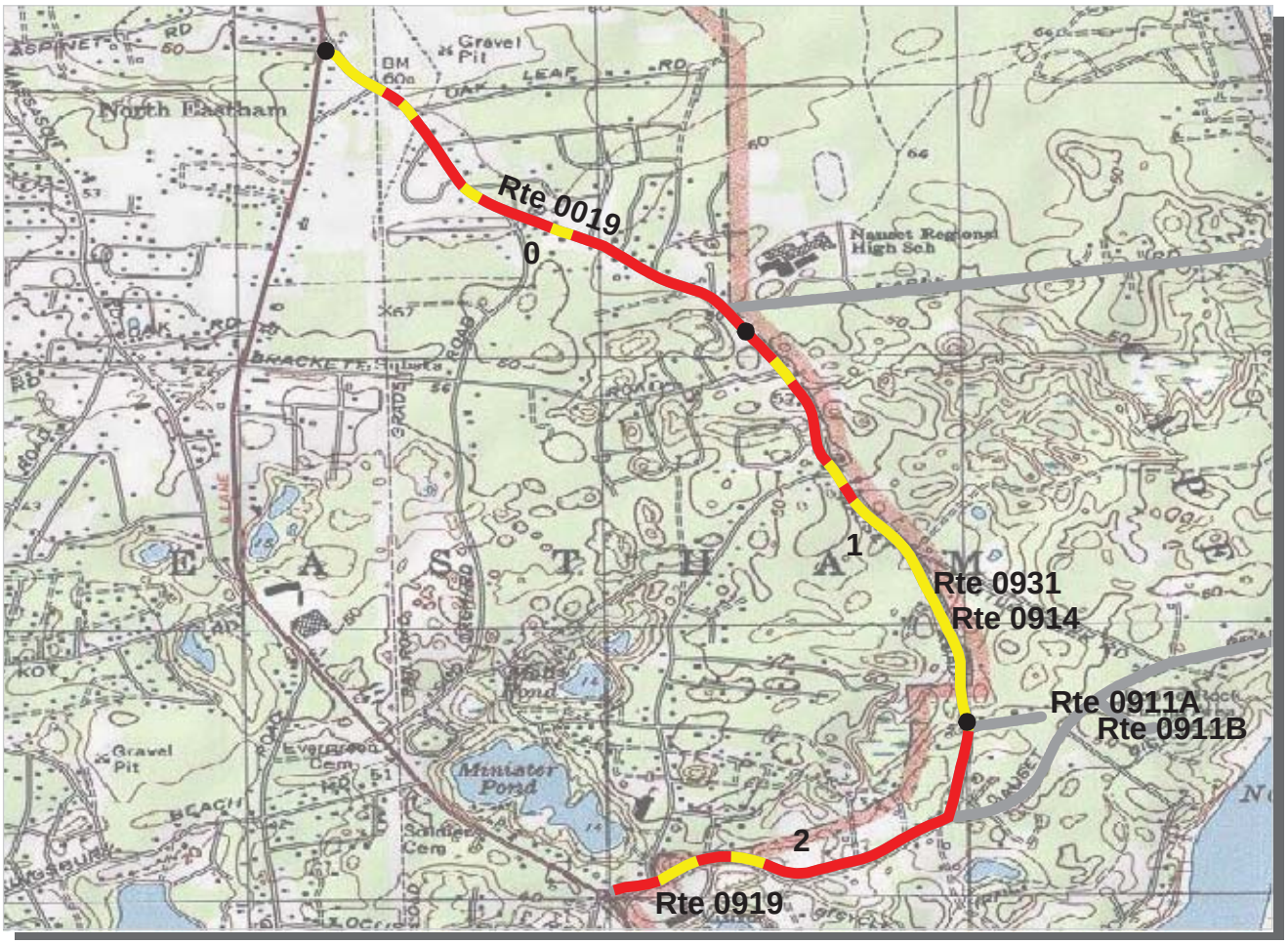
Northeast Region
CACO : Cape Cod National Seashore

ROUTE: 0018 STATE ROUTE 6 **TOTAL LENGTH: 0.35 Miles**

Section Number	0				
Section Length (mi)	0.35				
AADT	**				
SADT	**				
ADT Date	**				
Cross Section Information					
Number of Lanes	2				
Paved Width (ft)	19				
Lane Width (ft)	10				
Shoulder Width (ft)	2				
Roadway Condition Information					
PCR (Pavement Condition Rating)	72				
RCI (Roughness Condition Index)	87				
SCR (Surface Condition Rating)	64				
Alligator Cracking Index	98				
Rutting Index	79				
Patching Index	100				
Tranverse Cracking Index	93				
Longitudinal Cracking Index	93				
Shoulder Condition Rating	GOOD				
Drainage Condition Rating	GOOD				

* NC designates data not collected N/A 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.

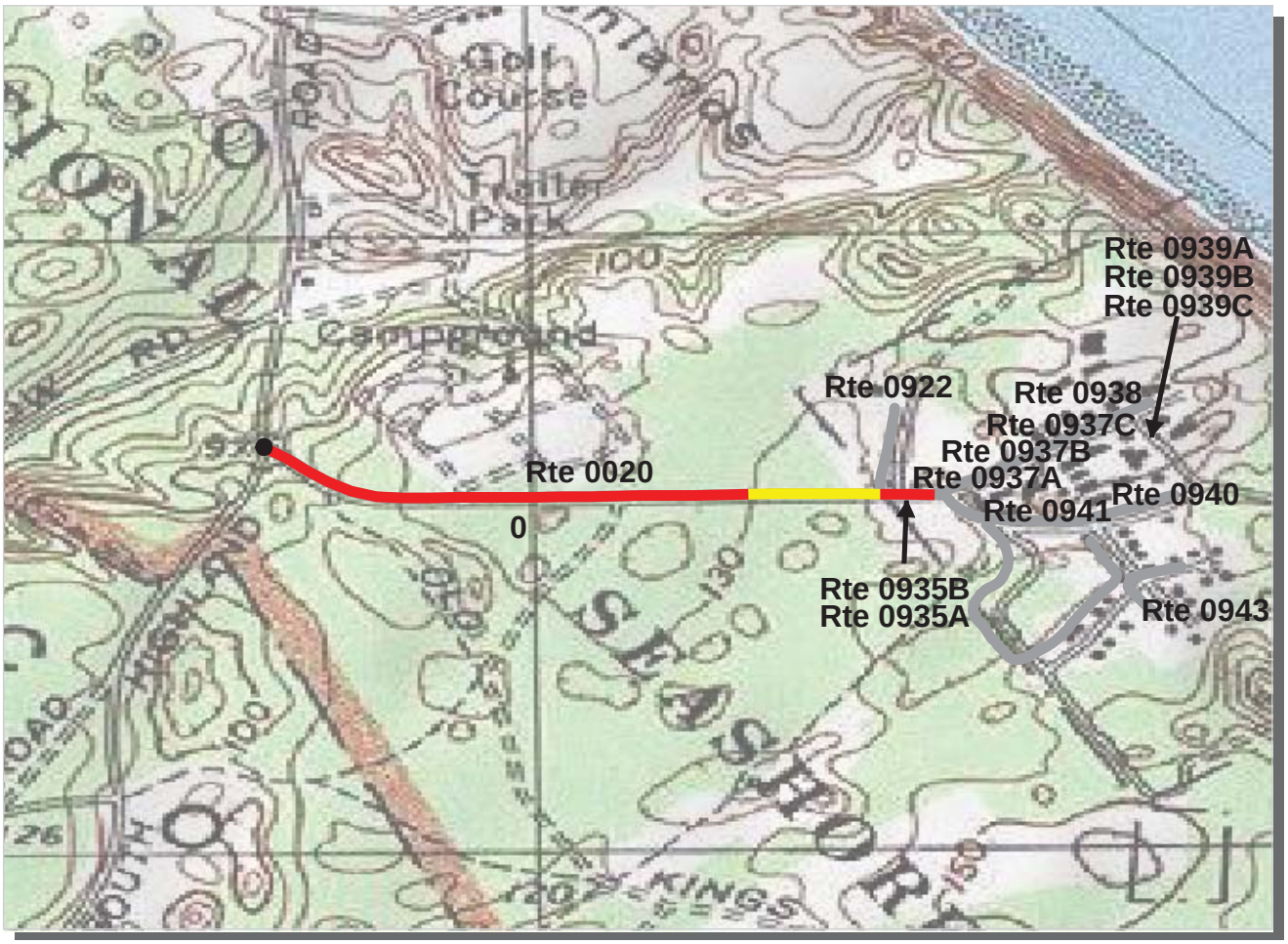
Northeast Region
CACO : Cape Cod National Seashore

ROUTE: 0019 NAUSET ROAD **TOTAL LENGTH: 2.88 Miles**

Section Number	0	1	2		
Section Length (mi)	1.00	1.00	0.88		
AADT	**				
SADT	**				
ADT Date	**				
Cross Section Information					
Number of Lanes	2	2	2		
Paved Width (ft)	20	20	19		
Lane Width (ft)	10	10	10		
Shoulder Width (ft)	0	0	0		
Roadway Condition Information					
PCR (Pavement Condition Rating)	54	67	36		
RCI (Roughness Condition Index)	86	83	67		
SCR (Surface Condition Rating)	36	56	21		
Alligator Cracking Index	87	94	64		
Rutting Index	61	67	55		
Patching Index	100	100	99		
Tranverse Cracking Index	95	97	90		
Longitudinal Cracking Index	92	96	92		
Shoulder Condition Rating	N/A	N/A	N/A		
Drainage Condition Rating	GOOD	GOOD	GOOD		

* NC designates data not collected N/A 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.

Northeast Region
CACO : Cape Cod National Seashore

ROUTE: 0020 OLD DEWLINE ROAD **TOTAL LENGTH: 0.53 Miles**

Section Number	0				
Section Length (mi)	0.53				
AADT	**				
SADT	**				
ADT Date	**				
Cross Section Information					
Number of Lanes	2				
Paved Width (ft)	18				
Lane Width (ft)	8				
Shoulder Width (ft)	0				
Roadway Condition Information					
PCR (Pavement Condition Rating)	42				
RCI (Roughness Condition Index)	68				
SCR (Surface Condition Rating)	33				
Alligator Cracking Index	94				
Rutting Index	53				
Patching Index	97				
Tranverse Cracking Index	93				
Longitudinal Cracking Index	92				
Shoulder Condition Rating	N/A				
Drainage Condition Rating	GOOD				

* NC designates data not collected N/A designates not applicable

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

ROUTE: 0020 OLD DEWLINE 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.

Northeast Region
CACO : Cape Cod National Seashore

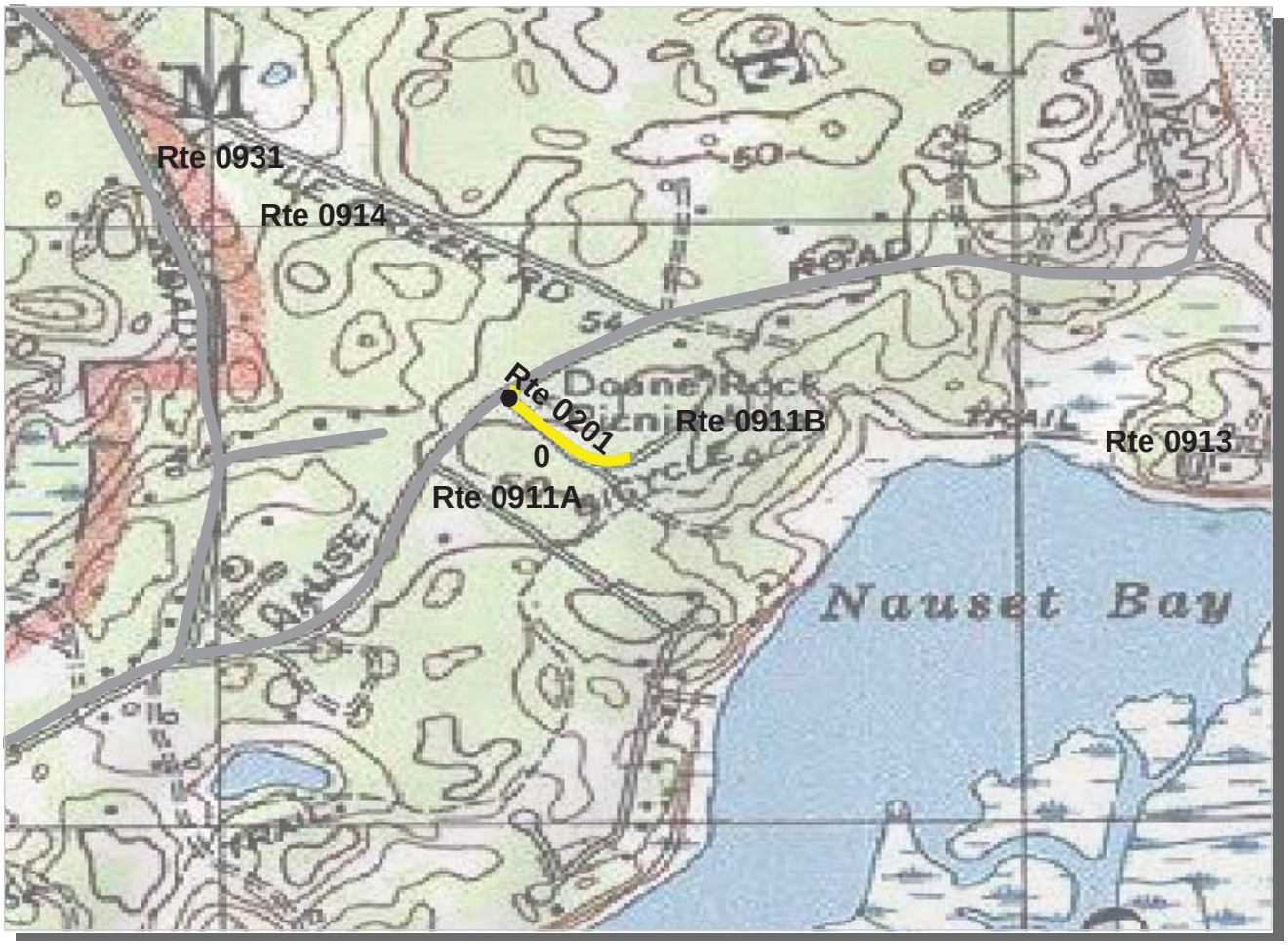
ROUTE: 0200 FORT HILL AREA ROAD **TOTAL LENGTH: 0.29 Miles**

Section Number	0				
Section Length (mi)	0.29				
AADT	**				
SADT	**				
ADT Date	**				
Cross Section Information					
Number of Lanes	2				
Paved Width (ft)	16				
Lane Width (ft)	7				
Shoulder Width (ft)	0				
Roadway Condition Information					
PCR (Pavement Condition Rating)	32				
RCI (Roughness Condition Index)	50				
SCR (Surface Condition Rating)	28				
Alligator Cracking Index	68				
Rutting Index	47				
Patching Index	100				
Tranverse Cracking Index	92				
Longitudinal Cracking Index	96				
Shoulder Condition Rating	N/A				
Drainage Condition Rating	GOOD				

* NC designates data not collected N/A designates not applicable

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

ROUTE: 0200 FORT HILL AREA ROAD



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.

Northeast Region
CACO : Cape Cod National Seashore

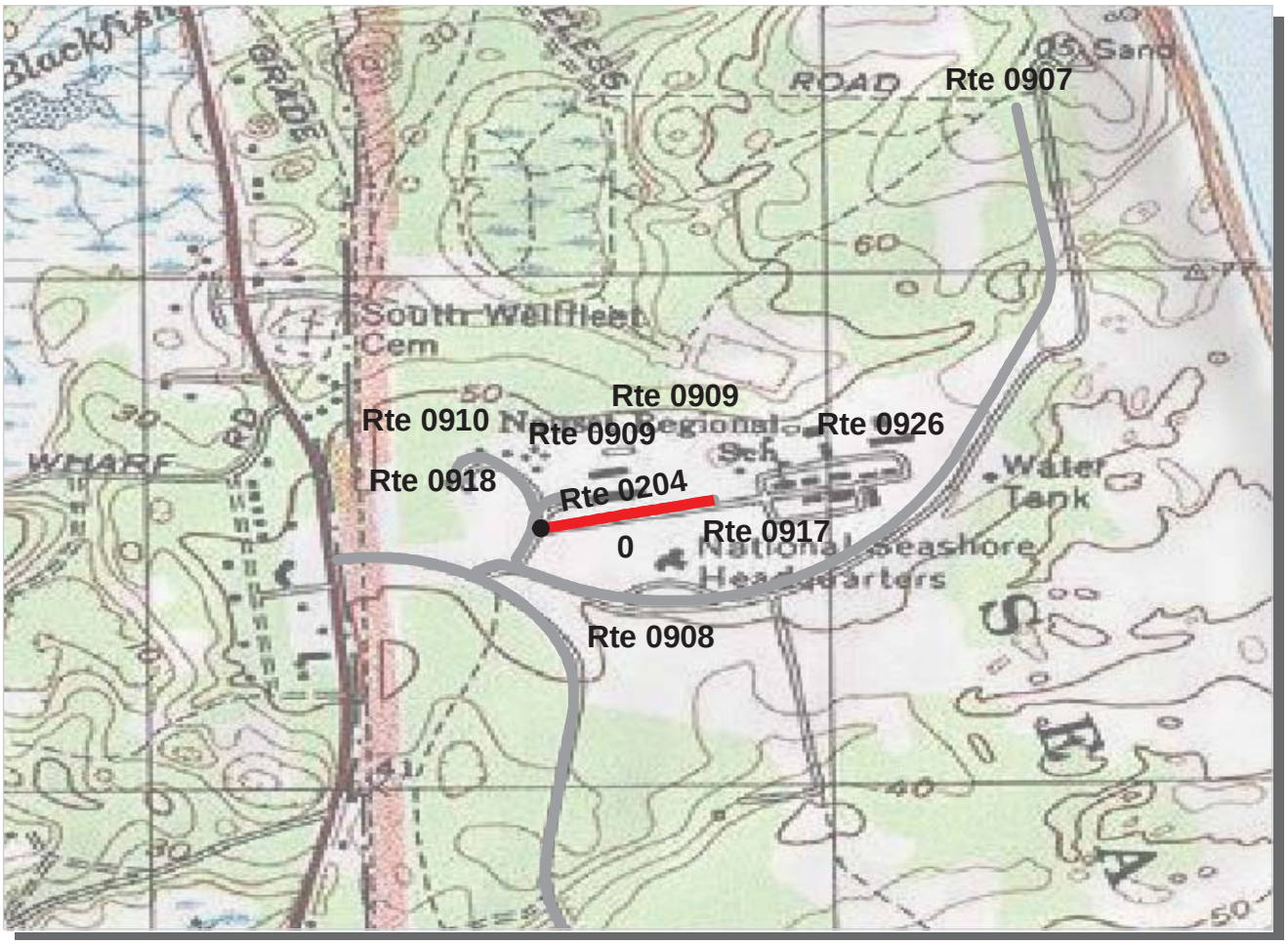
ROUTE: 0201 DOANE ROCK PICNIC AREA ROAD **TOTAL LENGTH: 0.13 Miles**

Section Number	0				
Section Length (mi)	0.13				
AADT	**				
SADT	**				
ADT Date	**				
Cross Section Information					
Number of Lanes	2				
Paved Width (ft)	21				
Lane Width (ft)	11				
Shoulder Width (ft)	0				
Roadway Condition Information					
PCR (Pavement Condition Rating)	57				
RCI (Roughness Condition Index)	87				
SCR (Surface Condition Rating)	53				
Alligator Cracking Index	100				
Rutting Index	60				
Patching Index	100				
Tranverse Cracking Index	95				
Longitudinal Cracking Index	97				
Shoulder Condition Rating	N/A				
Drainage Condition Rating	GOOD				

* NC designates data not collected N/A designates not applicable

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

ROUTE: 0201 DOANE ROCK PICNIC AREA 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.

Northeast Region
CACO : Cape Cod National Seashore

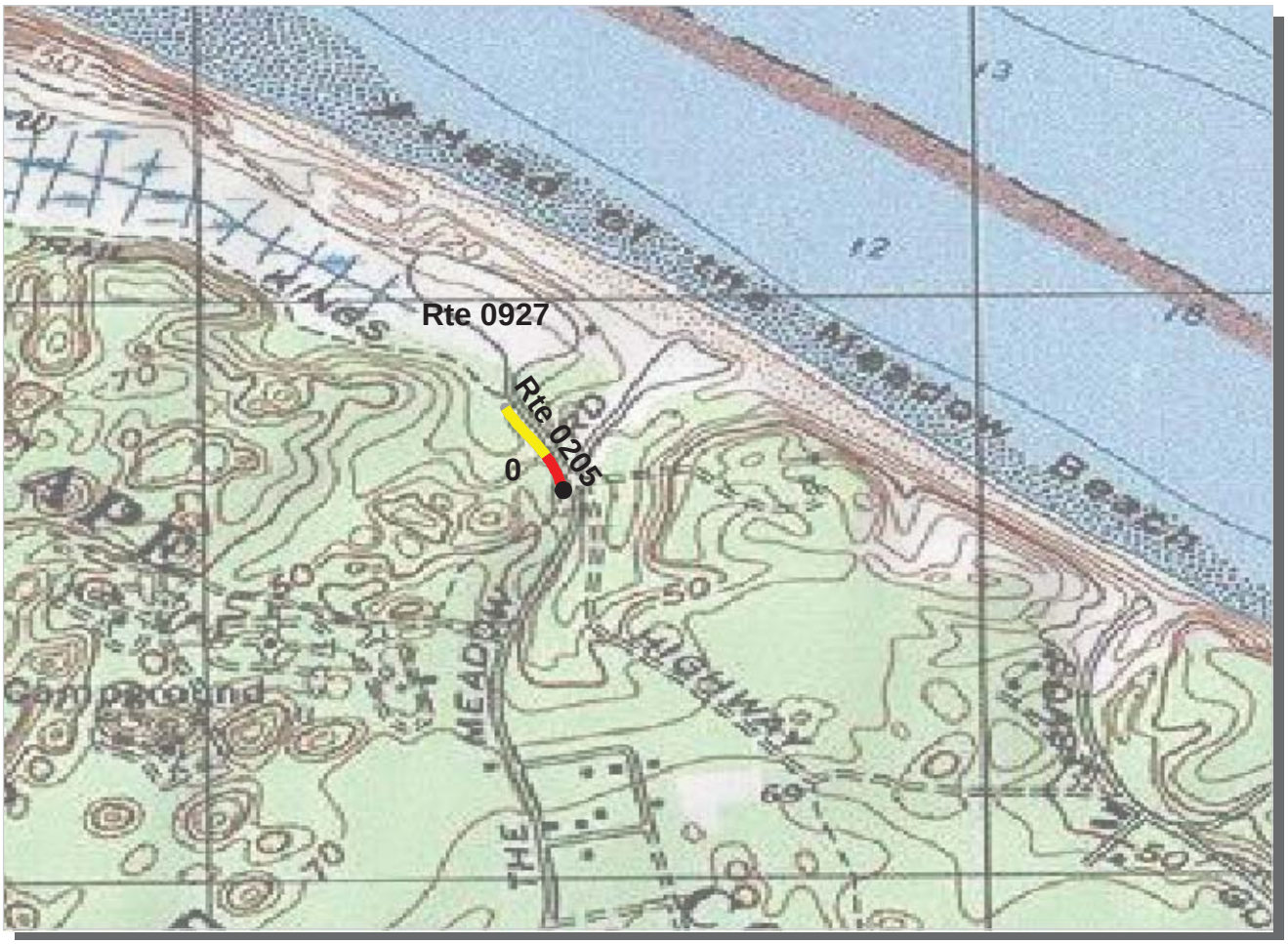
ROUTE: 0204 MARCONI EMPLOYEE PARKING ROAD **TOTAL LENGTH: 0.17 Miles**

Section Number	0				
Section Length (mi)	0.17				
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)	37				
RCI (Roughness Condition Index)	61				
SCR (Surface Condition Rating)	26				
Alligator Cracking Index	97				
Rutting Index	51				
Patching Index	99				
Tranverse Cracking Index	85				
Longitudinal Cracking Index	91				
Shoulder Condition Rating	N/A				
Drainage Condition Rating	GOOD				

* NC designates data not collected N/A designates not applicable

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

ROUTE: 0204 MARCONI EMPLOYEE PARKING 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.

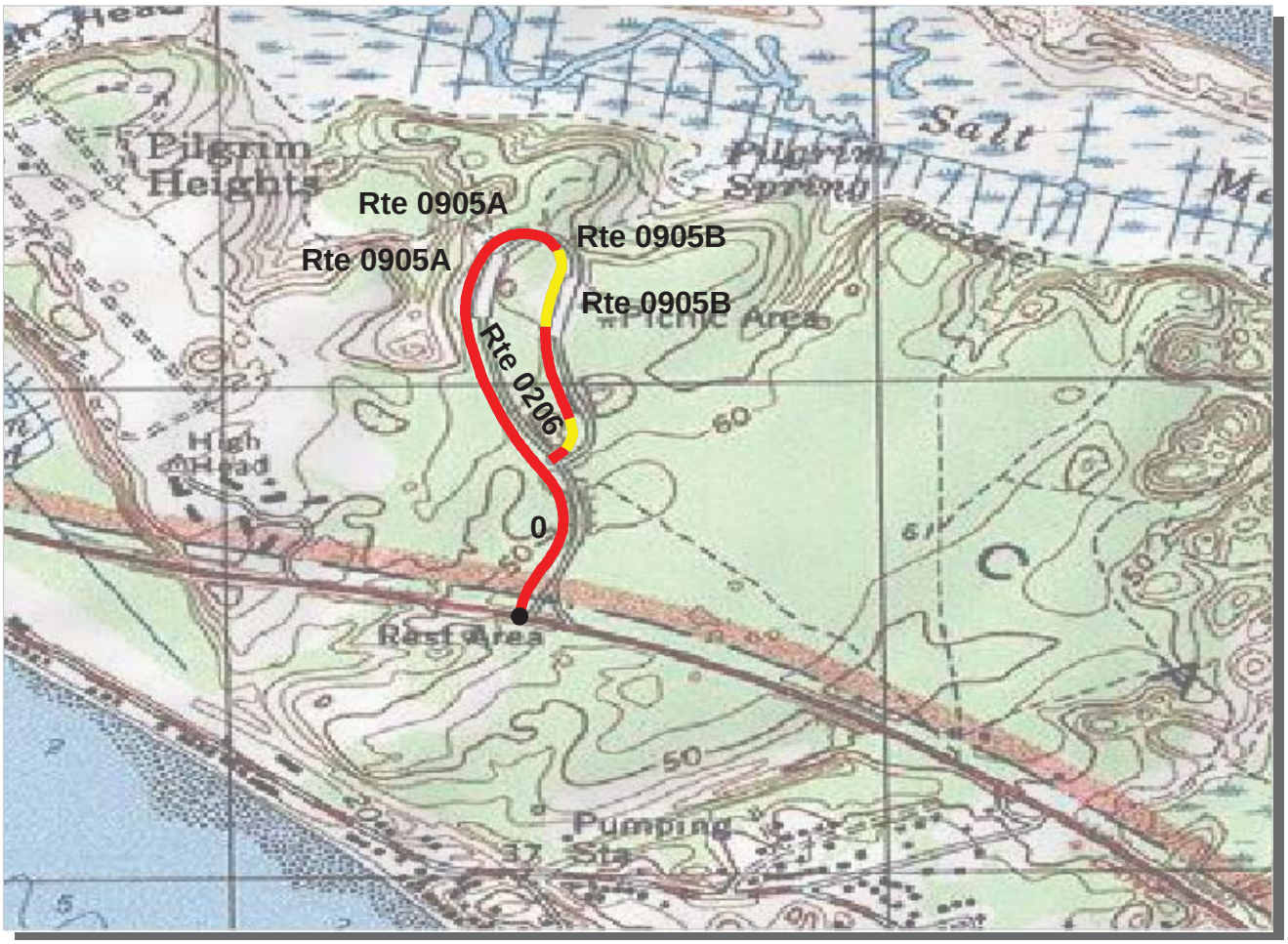
Northeast Region
CACO : Cape Cod National Seashore

ROUTE: 0205 HEAD OF THE MEADOW BEACH ROAD **TOTAL LENGTH: 0.12 Miles**

Section Number	0				
Section Length (mi)	0.12				
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)	55				
RCI (Roughness Condition Index)	72				
SCR (Surface Condition Rating)	53				
Alligator Cracking Index	100				
Rutting Index	58				
Patching Index	100				
Tranverse Cracking Index	95				
Longitudinal Cracking Index	99				
Shoulder Condition Rating	N/A				
Drainage Condition Rating	GOOD				

* NC designates data not collected N/A 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.

Northeast Region
CACO : Cape Cod National Seashore

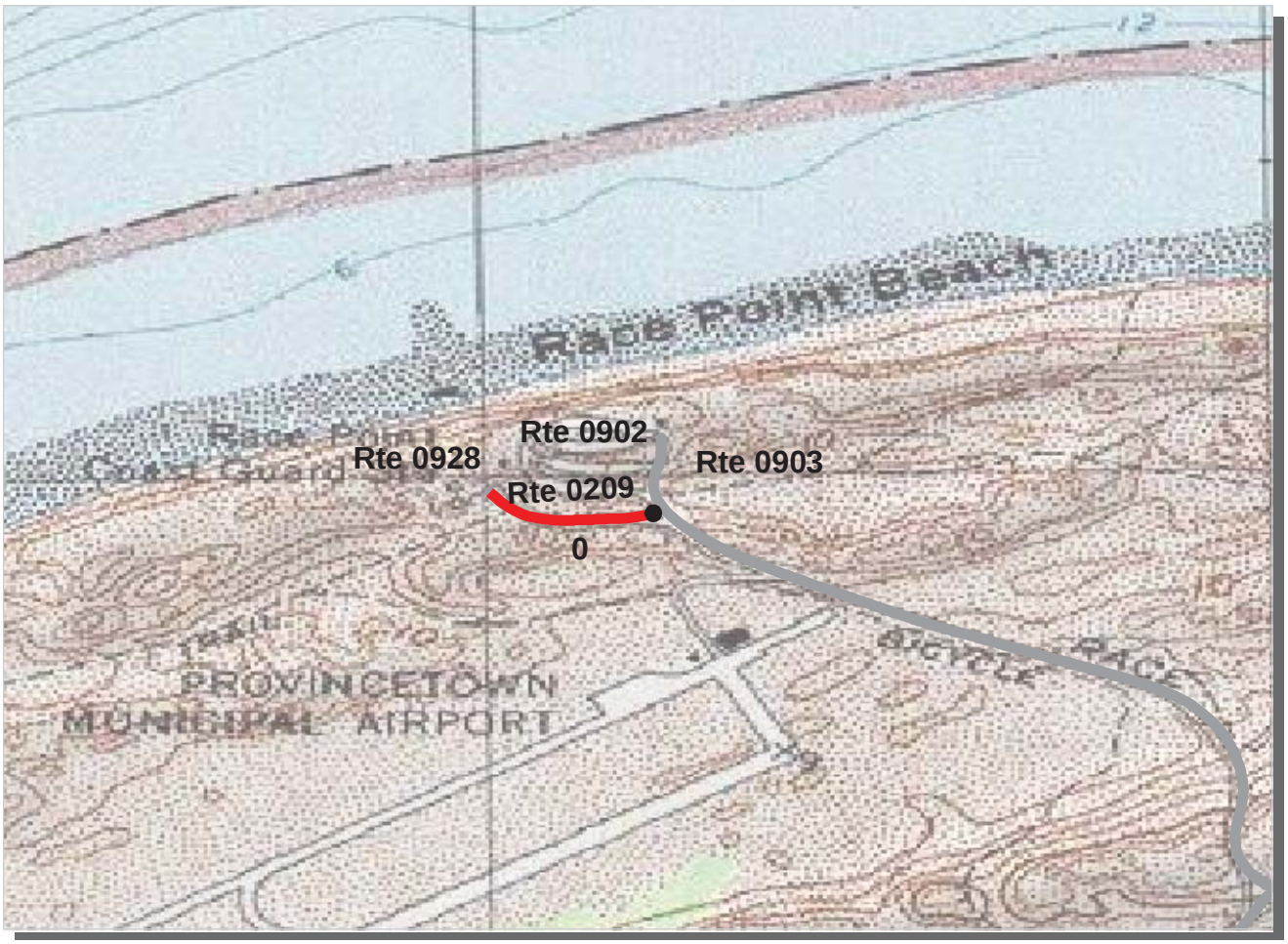
ROUTE: 0206 PILGRIM HEIGHTS ROAD **TOTAL LENGTH: 0.87 Miles**

Section Number	0				
Section Length (mi)	0.87				
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)	42				
RCI (Roughness Condition Index)	61				
SCR (Surface Condition Rating)	31				
Alligator Cracking Index	100				
Rutting Index	50				
Patching Index	100				
Tranverse Cracking Index	84				
Longitudinal Cracking Index	96				
Shoulder Condition Rating	N/A				
Drainage Condition Rating	GOOD				

* NC designates data not collected N/A designates not applicable

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

ROUTE: 0206 PILGRIM HEIGHTS 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.

Northeast Region
CACO : Cape Cod National Seashore

ROUTE: 0209 RACE POINT COAST GUARD STATION ROAD **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)	20				
Lane Width (ft)	11				
Shoulder Width (ft)	0				
Roadway Condition Information					
PCR (Pavement Condition Rating)	36				
RCI (Roughness Condition Index)	38				
SCR (Surface Condition Rating)	35				
Alligator Cracking Index	90				
Rutting Index	51				
Patching Index	99				
Tranverse Cracking Index	97				
Longitudinal Cracking Index	96				
Shoulder Condition Rating	N/A				
Drainage Condition Rating	GOOD				

* NC designates data not collected N/A 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.

Northeast Region
CACO : Cape Cod National Seashore

ROUTE: 0211 NAUSET LIGHT BEACH ACCESS ROAD **TOTAL LENGTH: 0.06 Miles**

Section Number	0				
Section Length (mi)	0.06				
AADT	**				
SADT	**				
ADT Date	**				
Cross Section Information					
Number of Lanes	2				
Paved Width (ft)	24				
Lane Width (ft)	10				
Shoulder Width (ft)	0				
Roadway Condition Information					
PCR (Pavement Condition Rating)	53				
RCI (Roughness Condition Index)	NC				
SCR (Surface Condition Rating)	53				
Alligator Cracking Index	100				
Rutting Index	62				
Patching Index	100				
Tranverse Cracking Index	95				
Longitudinal Cracking Index	95				
Shoulder Condition Rating	N/A				
Drainage Condition Rating	GOOD				

* NC designates data not collected N/A 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.

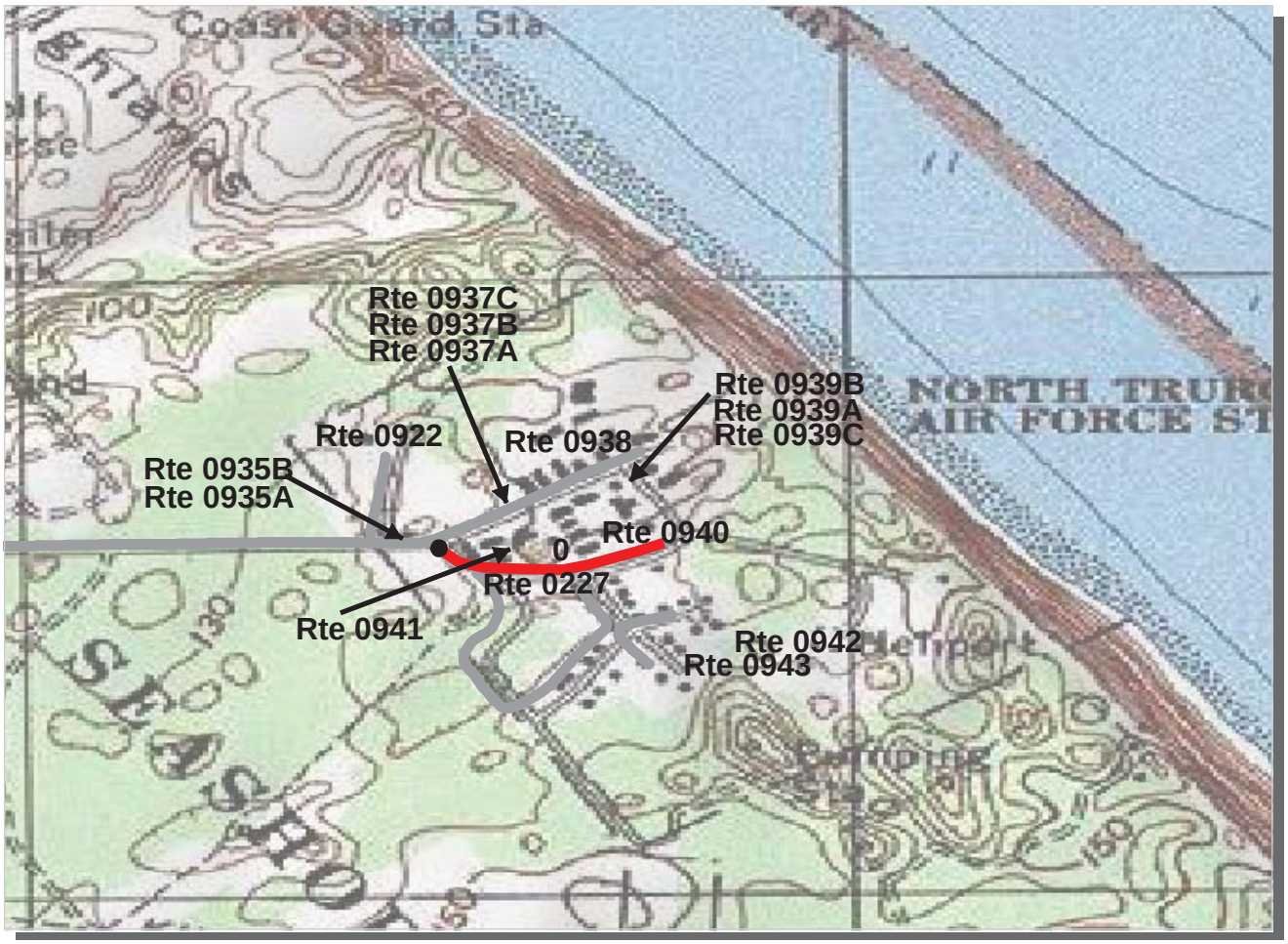
Northeast Region
CACO : Cape Cod National Seashore

ROUTE: 0223 MACPHERSON WAY **TOTAL LENGTH: 0.14 Miles**

Section Number	0				
Section Length (mi)	0.14				
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)	38				
RCI (Roughness Condition Index)	74				
SCR (Surface Condition Rating)	36				
Alligator Cracking Index	94				
Rutting Index	64				
Patching Index	100				
Tranverse Cracking Index	81				
Longitudinal Cracking Index	95				
Shoulder Condition Rating	N/A				
Drainage Condition Rating	GOOD				

* NC designates data not collected N/A 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.

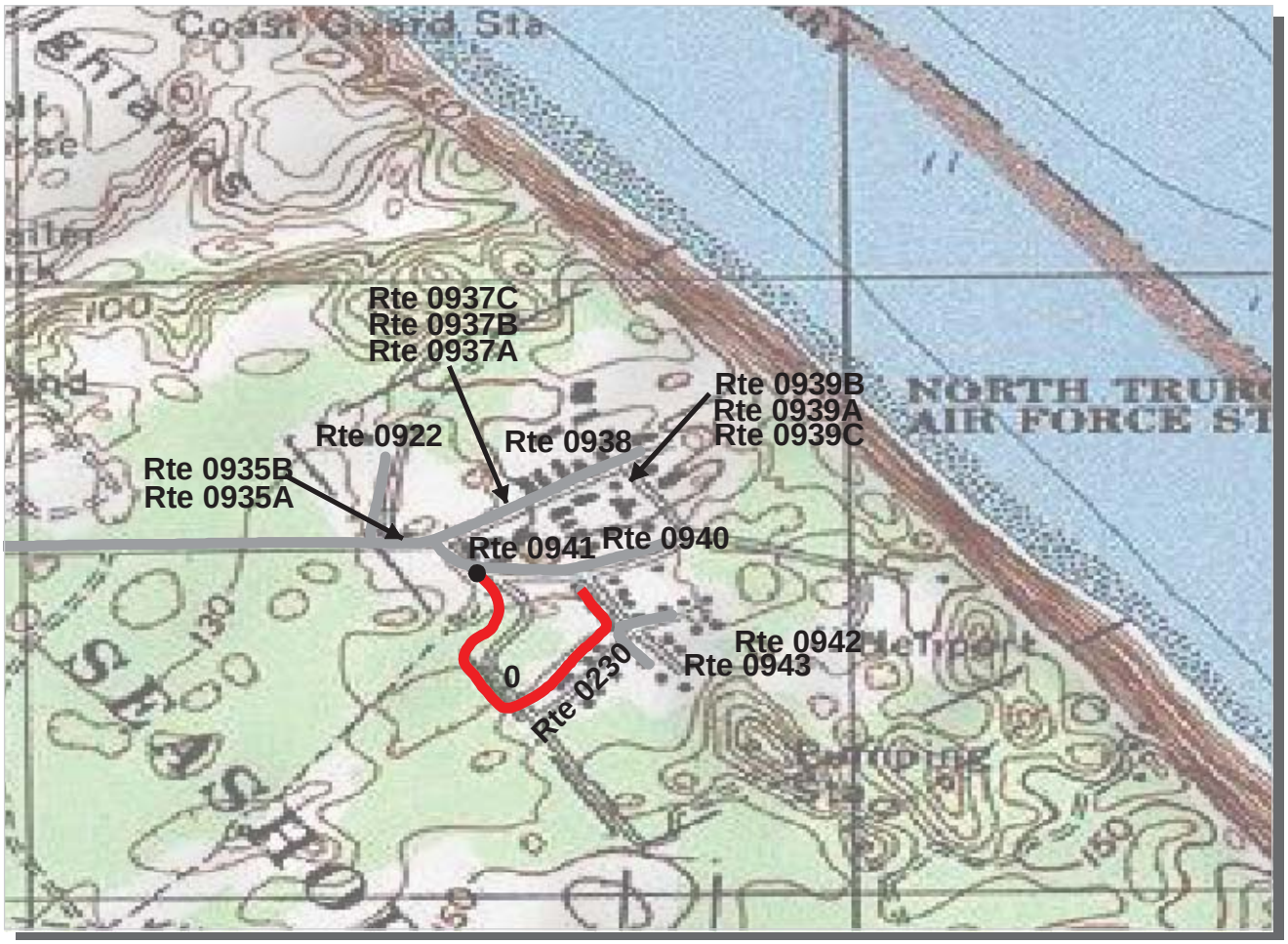
Northeast Region
CACO : Cape Cod National Seashore

ROUTE: 0227 NTAFS LANDING 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)	1				
Roadway Condition Information					
PCR (Pavement Condition Rating)	26				
RCI (Roughness Condition Index)	28				
SCR (Surface Condition Rating)	25				
Alligator Cracking Index	100				
Rutting Index	44				
Patching Index	99				
Tranverse Cracking Index	82				
Longitudinal Cracking Index	98				
Shoulder Condition Rating	N/C				
Drainage Condition Rating	GOOD				

* NC designates data not collected N/A 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.

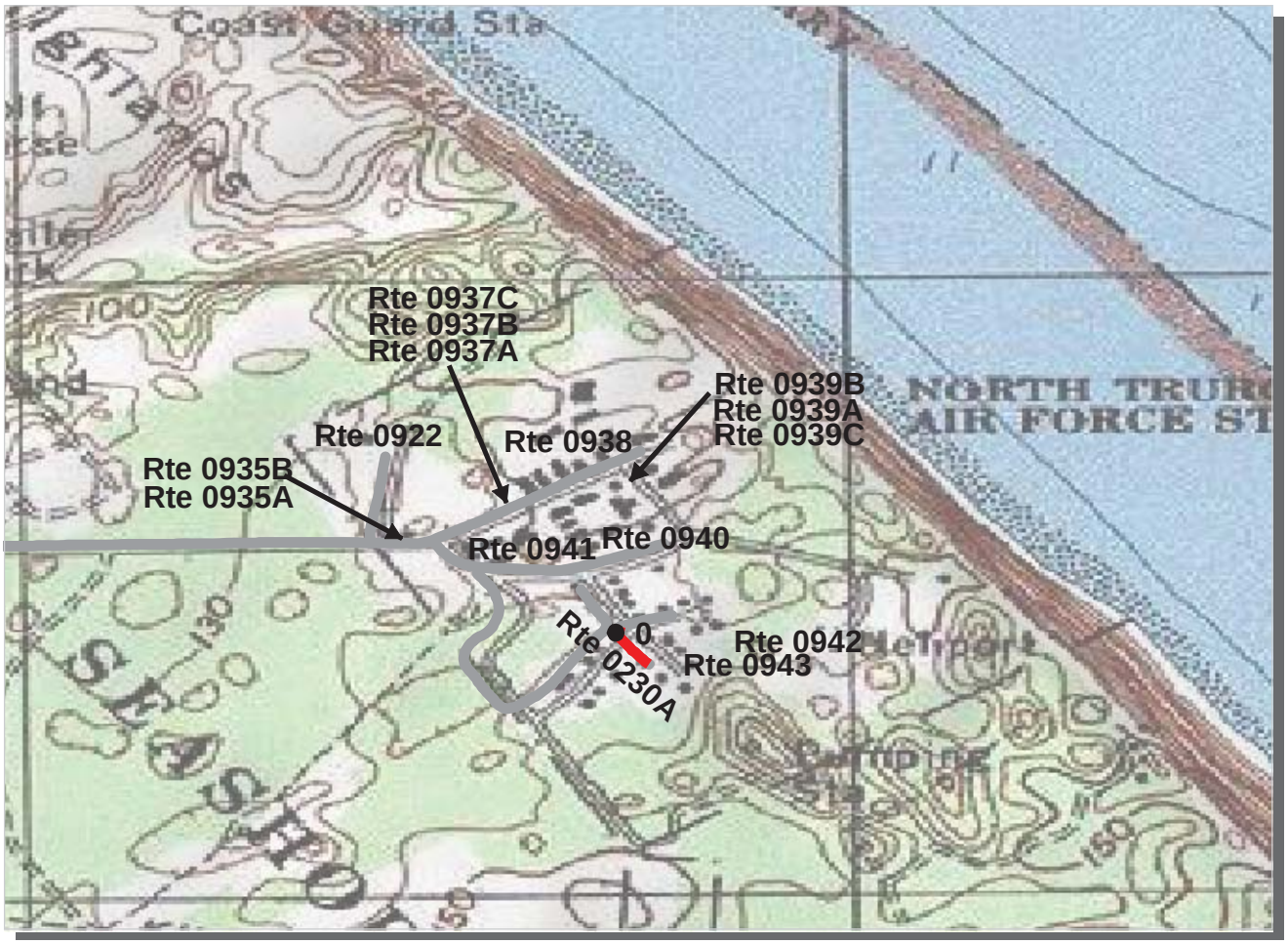
Northeast Region
CACO : Cape Cod National Seashore

ROUTE: 0230 NTAFS RESIDENCE ACCESS ROAD **TOTAL LENGTH: 0.34 Miles**

Section Number	0				
Section Length (mi)	0.34				
AADT	**				
SADT	**				
ADT Date	**				
Cross Section Information					
Number of Lanes	2				
Paved Width (ft)	16				
Lane Width (ft)	7				
Shoulder Width (ft)	0				
Roadway Condition Information					
PCR (Pavement Condition Rating)	19				
RCI (Roughness Condition Index)	NC				
SCR (Surface Condition Rating)	19				
Alligator Cracking Index	100				
Rutting Index	43				
Patching Index	99				
Tranverse Cracking Index	67				
Longitudinal Cracking Index	98				
Shoulder Condition Rating	N/A				
Drainage Condition Rating	POOR				

* NC designates data not collected N/A 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.

Northeast Region
CACO : Cape Cod National Seashore

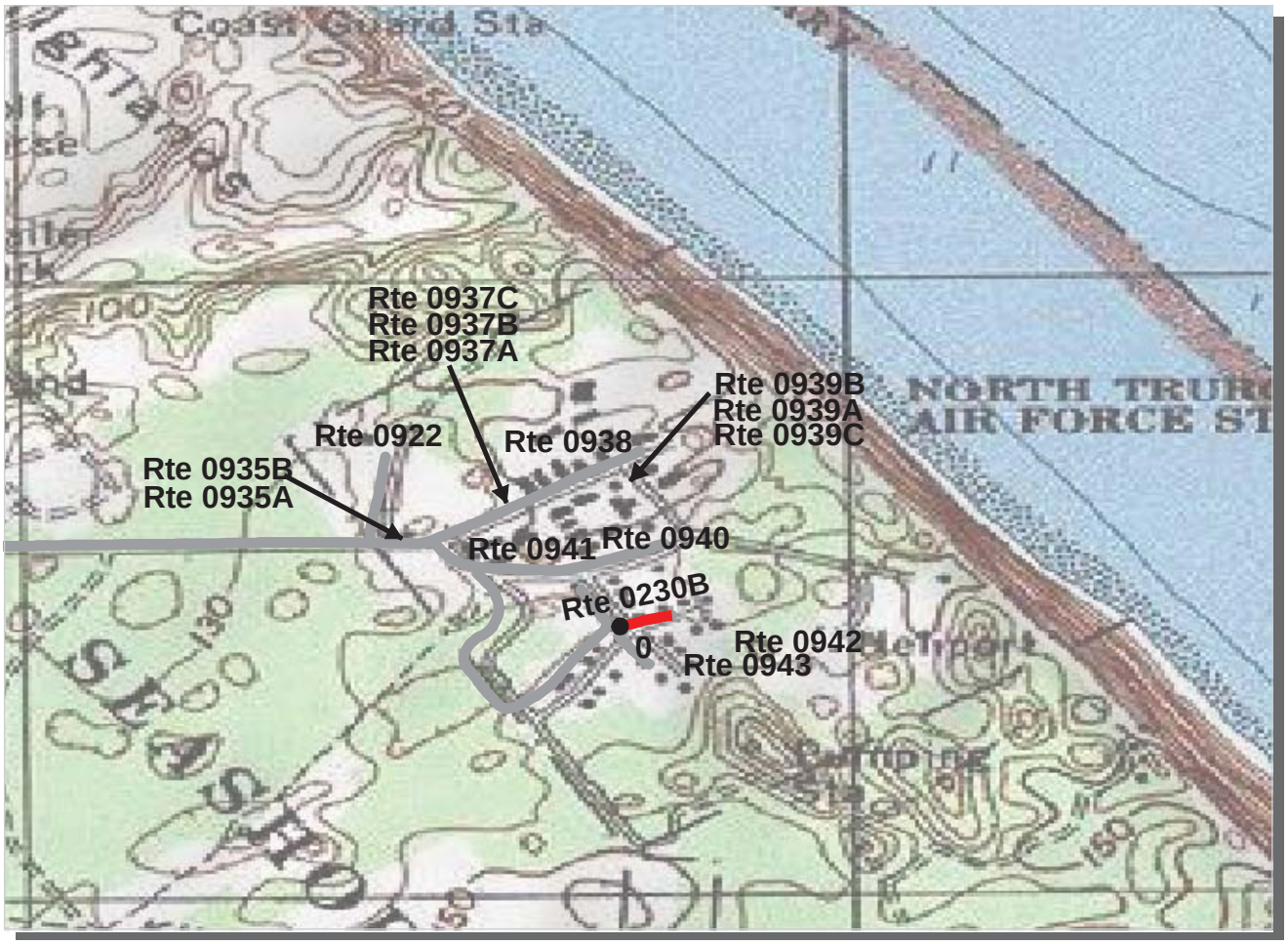
ROUTE: 0230A NTAFS RESIDENCE STREET A **TOTAL LENGTH: 0.05 Miles**

Section Number	0				
Section Length (mi)	0.05				
AADT	**				
SADT	**				
ADT Date	**				
Cross Section Information					
Number of Lanes	2				
Paved Width (ft)	21				
Lane Width (ft)	11				
Shoulder Width (ft)	0				
Roadway Condition Information					
PCR (Pavement Condition Rating)	12				
RCI (Roughness Condition Index)	NC				
SCR (Surface Condition Rating)	12				
Alligator Cracking Index	100				
Rutting Index	46				
Patching Index	100				
Tranverse Cracking Index	60				
Longitudinal Cracking Index	98				
Shoulder Condition Rating	N/A				
Drainage Condition Rating	POOR				

* NC designates data not collected N/A designates not applicable

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

ROUTE: 0230A NTAFS RESIDENCE STREET A



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.

Northeast Region
CACO : Cape Cod National Seashore

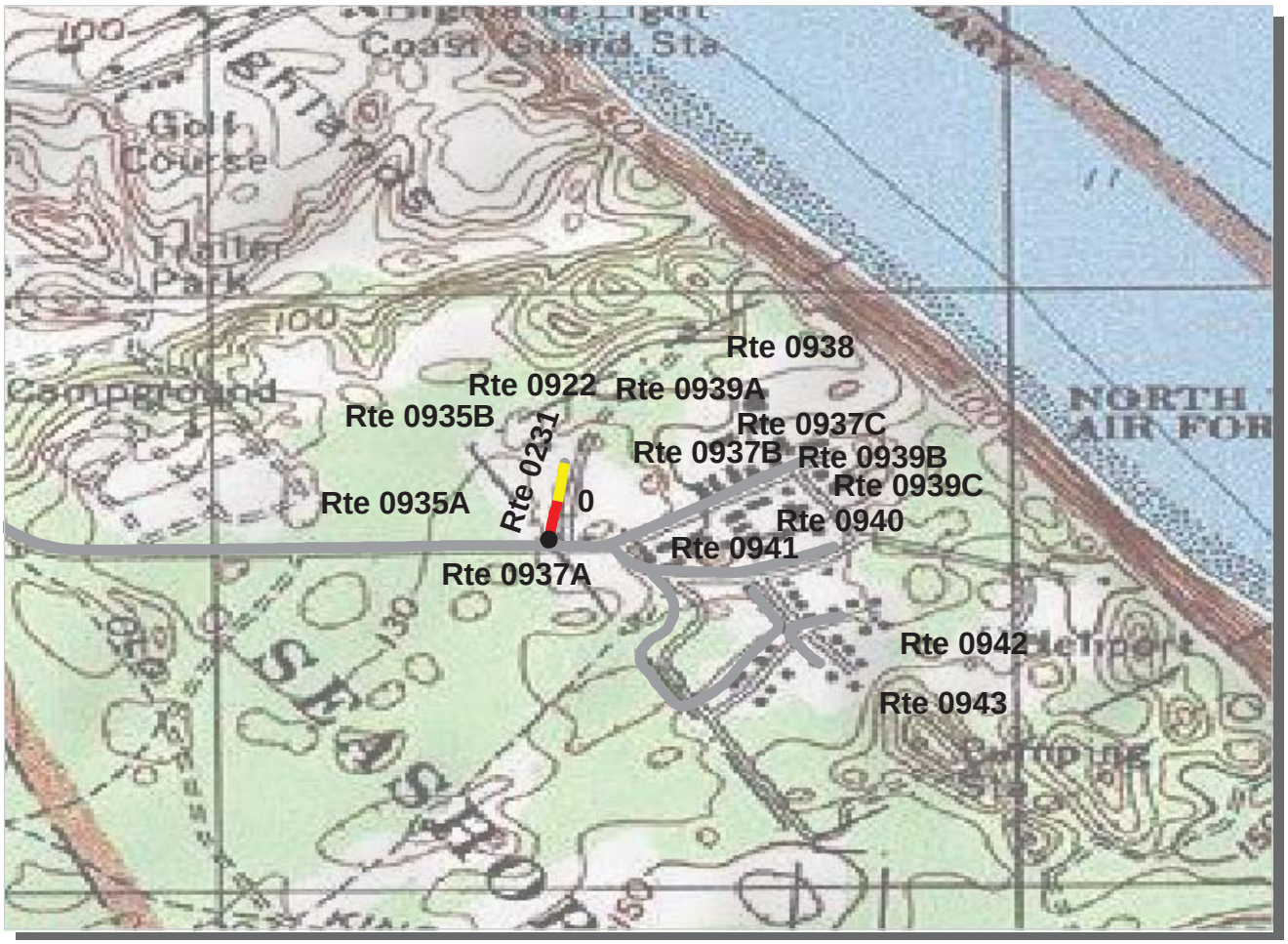
ROUTE: 0230B NTAFS RESIDENCE STREET B **TOTAL LENGTH: 0.05 Miles**

Section Number	0				
Section Length (mi)	0.05				
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)	30				
RCI (Roughness Condition Index)	NC				
SCR (Surface Condition Rating)	30				
Alligator Cracking Index	100				
Rutting Index	71				
Patching Index	100				
Tranverse Cracking Index	45				
Longitudinal Cracking Index	98				
Shoulder Condition Rating	N/A				
Drainage Condition Rating	POOR				

* NC designates data not collected N/A designates not applicable

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

ROUTE: 0230B NTAFS RESIDENCE STREET B



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.

Northeast Region
CACO : Cape Cod National Seashore

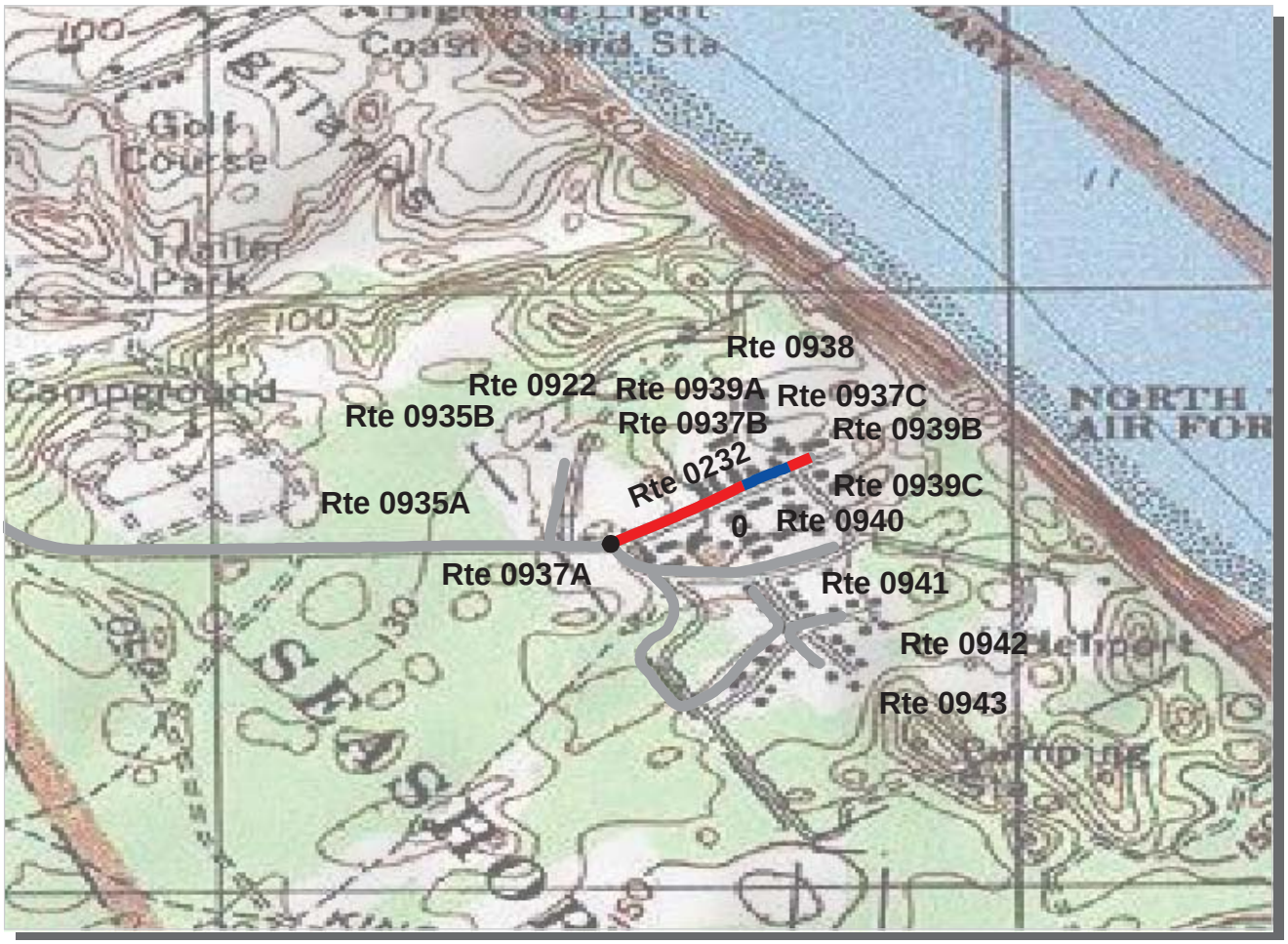
ROUTE: 0231 NAC LABORATORY ACCESS ROAD **TOTAL LENGTH: 0.12 Miles**

Section Number	0				
Section Length (mi)	0.12				
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)	47				
RCI (Roughness Condition Index)	NC				
SCR (Surface Condition Rating)	47				
Alligator Cracking Index	99				
Rutting Index	52				
Patching Index	99				
Tranverse Cracking Index	97				
Longitudinal Cracking Index	98				
Shoulder Condition Rating	N/A				
Drainage Condition Rating	GOOD				

* NC designates data not collected N/A designates not applicable

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

ROUTE: 0231 NAC LABORATORY ACCESS ROAD



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.

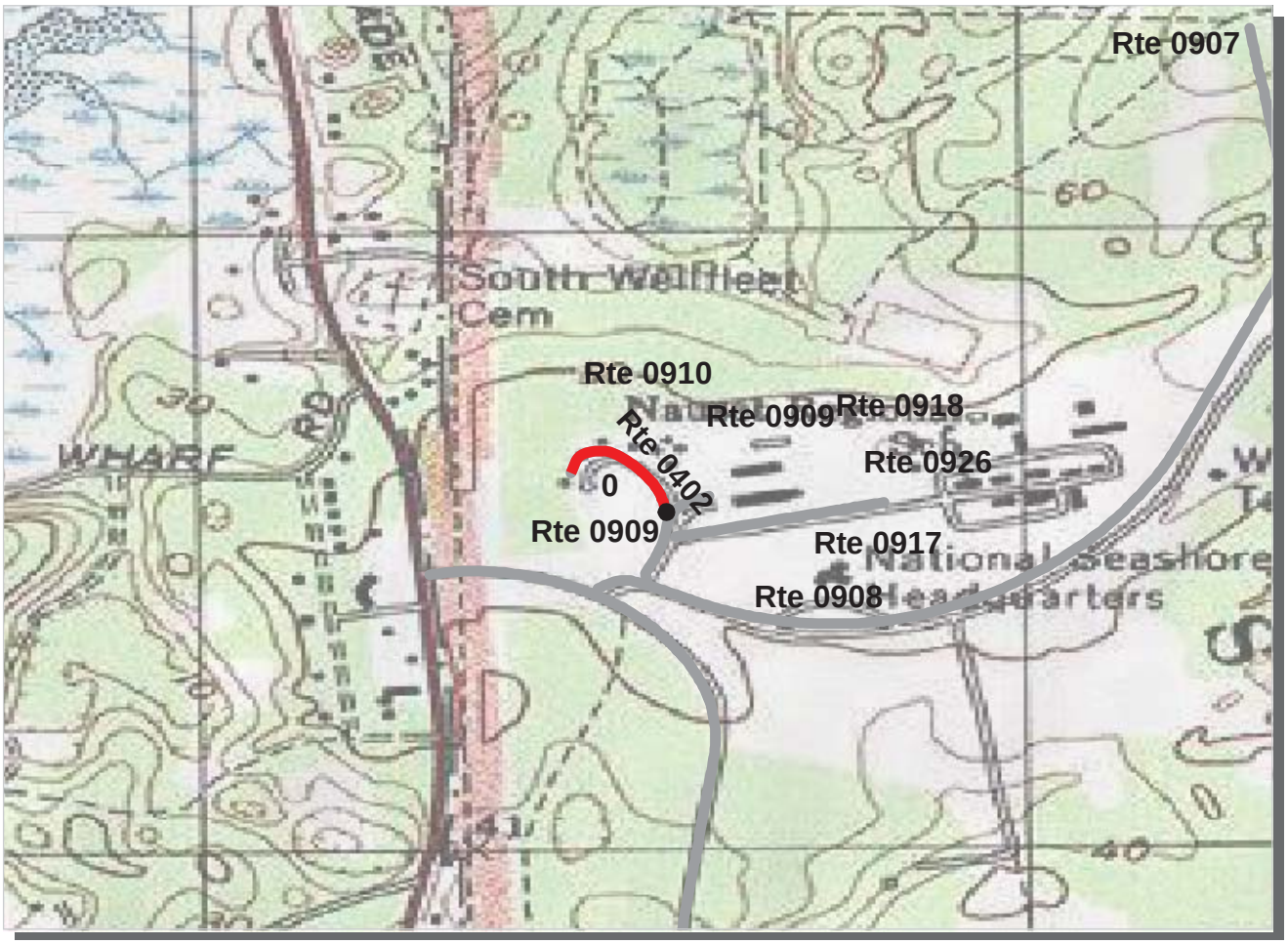
Northeast Region
CACO : Cape Cod National Seashore

ROUTE: 0232 NTAFS ACCESS 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)	18				
Lane Width (ft)	9				
Shoulder Width (ft)	0				
Roadway Condition Information					
PCR (Pavement Condition Rating)	44				
RCI (Roughness Condition Index)	NC				
SCR (Surface Condition Rating)	44				
Alligator Cracking Index	99				
Rutting Index	55				
Patching Index	99				
Tranverse Cracking Index	94				
Longitudinal Cracking Index	95				
Shoulder Condition Rating	N/A				
Drainage Condition Rating	GOOD				

* NC designates data not collected N/A 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.

Northeast Region
CACO : Cape Cod National Seashore

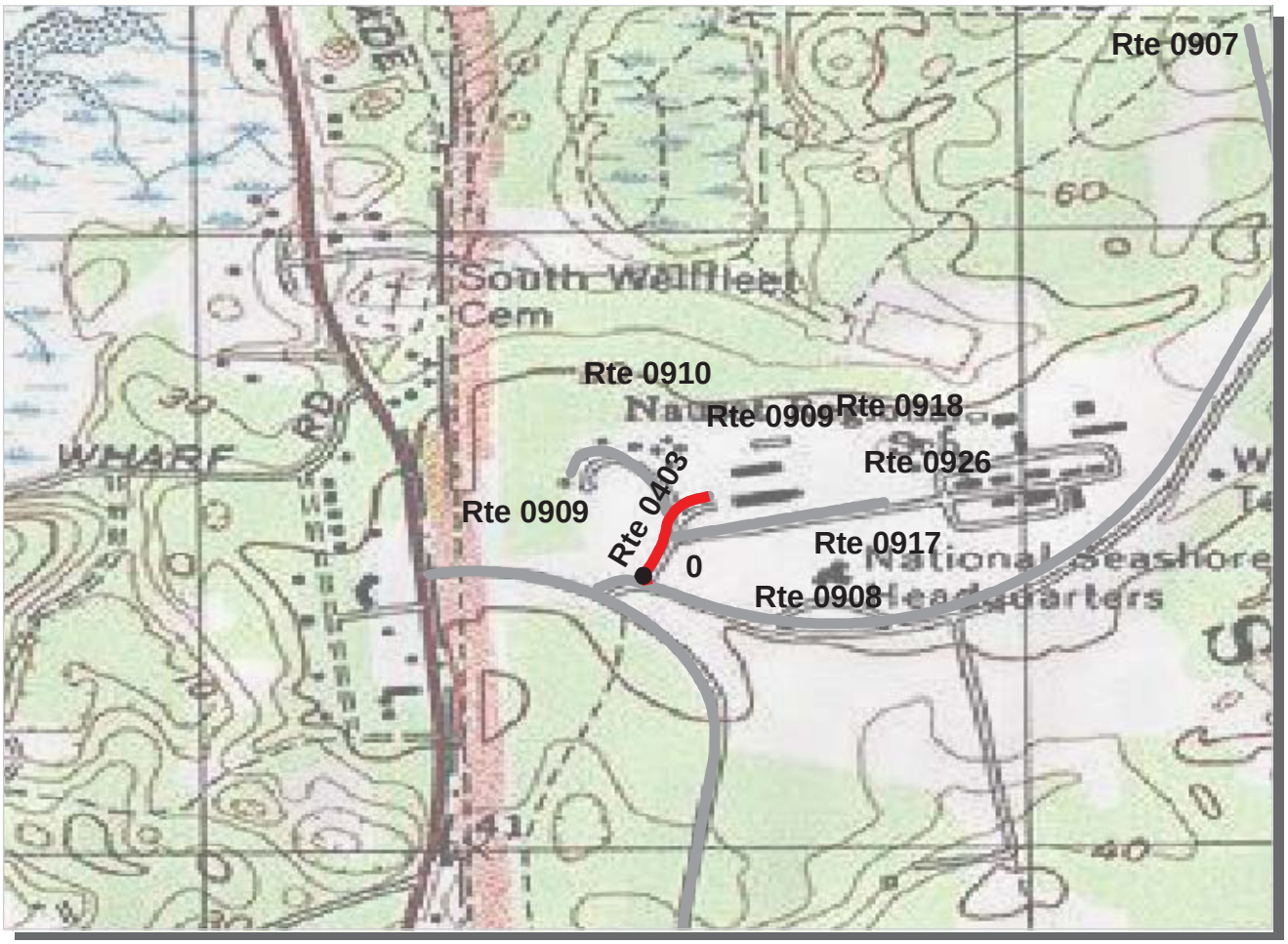
ROUTE: 0402 MARCONI RESIDENCE ROAD **TOTAL LENGTH: 0.13 Miles**

Section Number	0				
Section Length (mi)	0.13				
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)	20				
RCI (Roughness Condition Index)	60				
SCR (Surface Condition Rating)	17				
Alligator Cracking Index	100				
Rutting Index	28				
Patching Index	100				
Tranverse Cracking Index	94				
Longitudinal Cracking Index	93				
Shoulder Condition Rating	N/A				
Drainage Condition Rating	POOR				

* NC designates data not collected N/A designates not applicable

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

ROUTE: 0402 MARCONI RESIDENCE 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.

Northeast Region
CACO : Cape Cod National Seashore

ROUTE: 0403 MARCONI MAINTENANCE AREA ROAD **TOTAL LENGTH: 0.12 Miles**

Section Number	0				
Section Length (mi)	0.12				
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)	55				
RCI (Roughness Condition Index)	NC				
SCR (Surface Condition Rating)	55				
Alligator Cracking Index	100				
Rutting Index	67				
Patching Index	99				
Tranverse Cracking Index	93				
Longitudinal Cracking Index	94				
Shoulder Condition Rating	N/A				
Drainage Condition Rating	GOOD				

* NC designates data not collected N/A designates not applicable

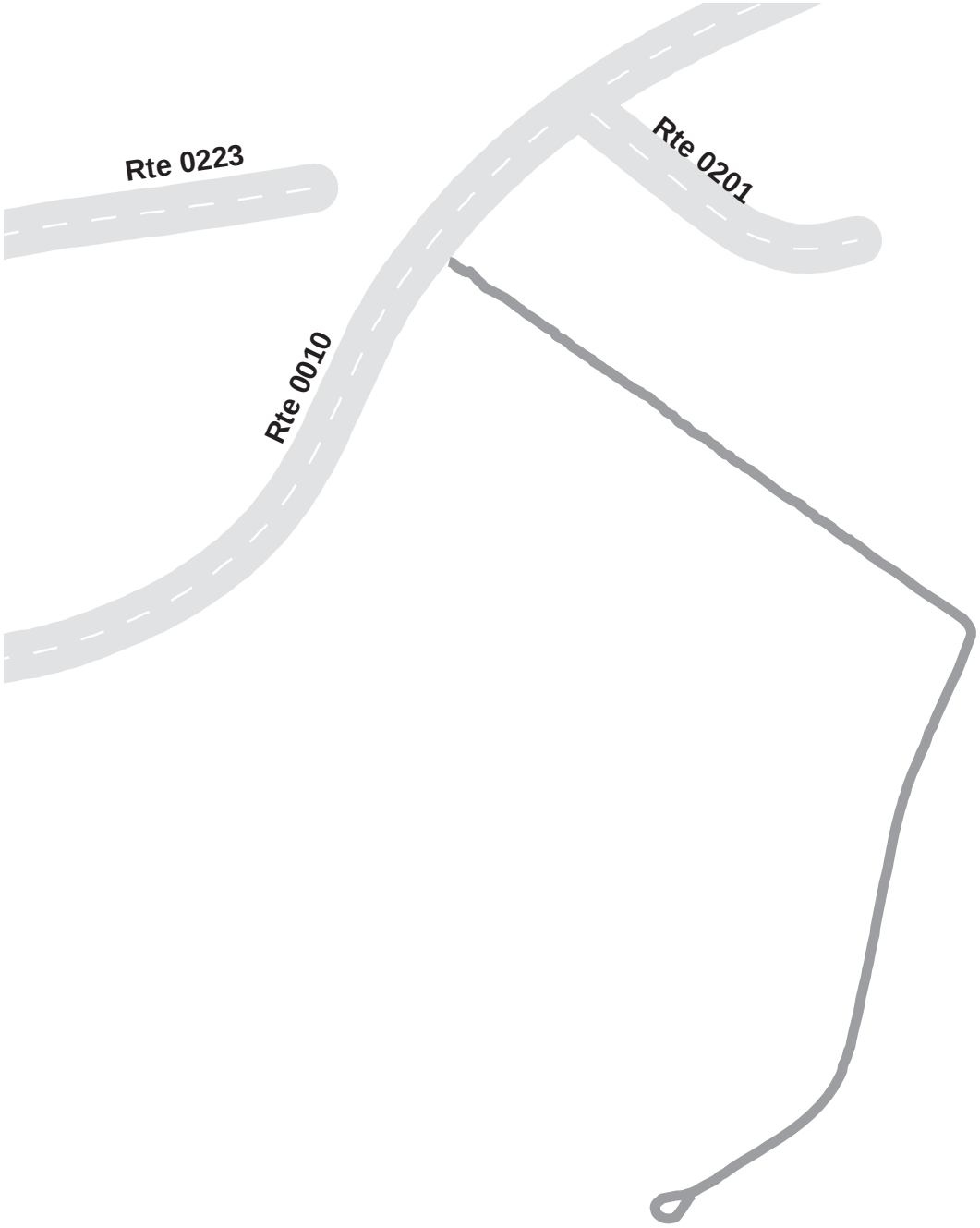
** See website for traffic data: http://www.efl.fhwa.dot.gov/nps/index.htm

ROUTE: 0403 MARCONI MAINTENANCE AREA ROAD

Cape Cod National Seashore
Route 0202
Tomahawk Trail
From Route 0010 at MP 0.3

Route	Length (mi)	Width (ft)	Area (sq ft)	Lane Miles *	Condition / PCR	Surface Type
0202	0.59	15.00	47045	0.81	POOR / 45	AS

* Lane miles are based on 11' lane widths



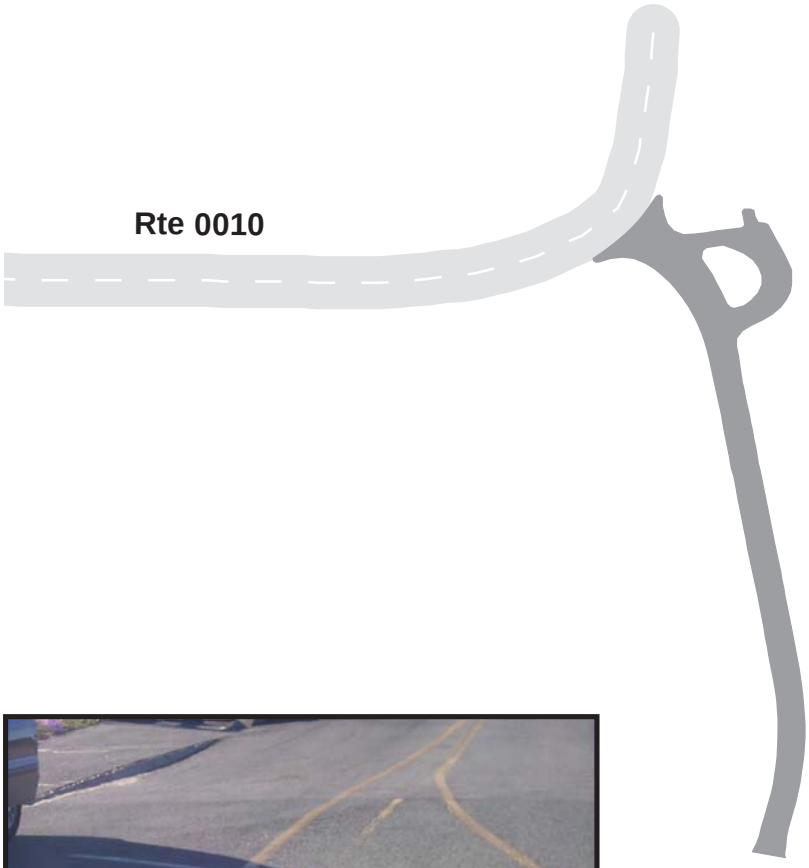
400 200 0 400
Feet

N

Cape Cod National Seashore
Route 0220
Coast Guard Beach Shuttle Access Road
From Route 0010 at MP 0.94

Route	Length (mi)	Width (ft)	Area (sq ft)	Lane Miles *	Condition / PCR	Surface Type
0220	0.22	0.00	25371	0.44	FAIR / 73	AS

* Lane miles are based on 11' lane widths

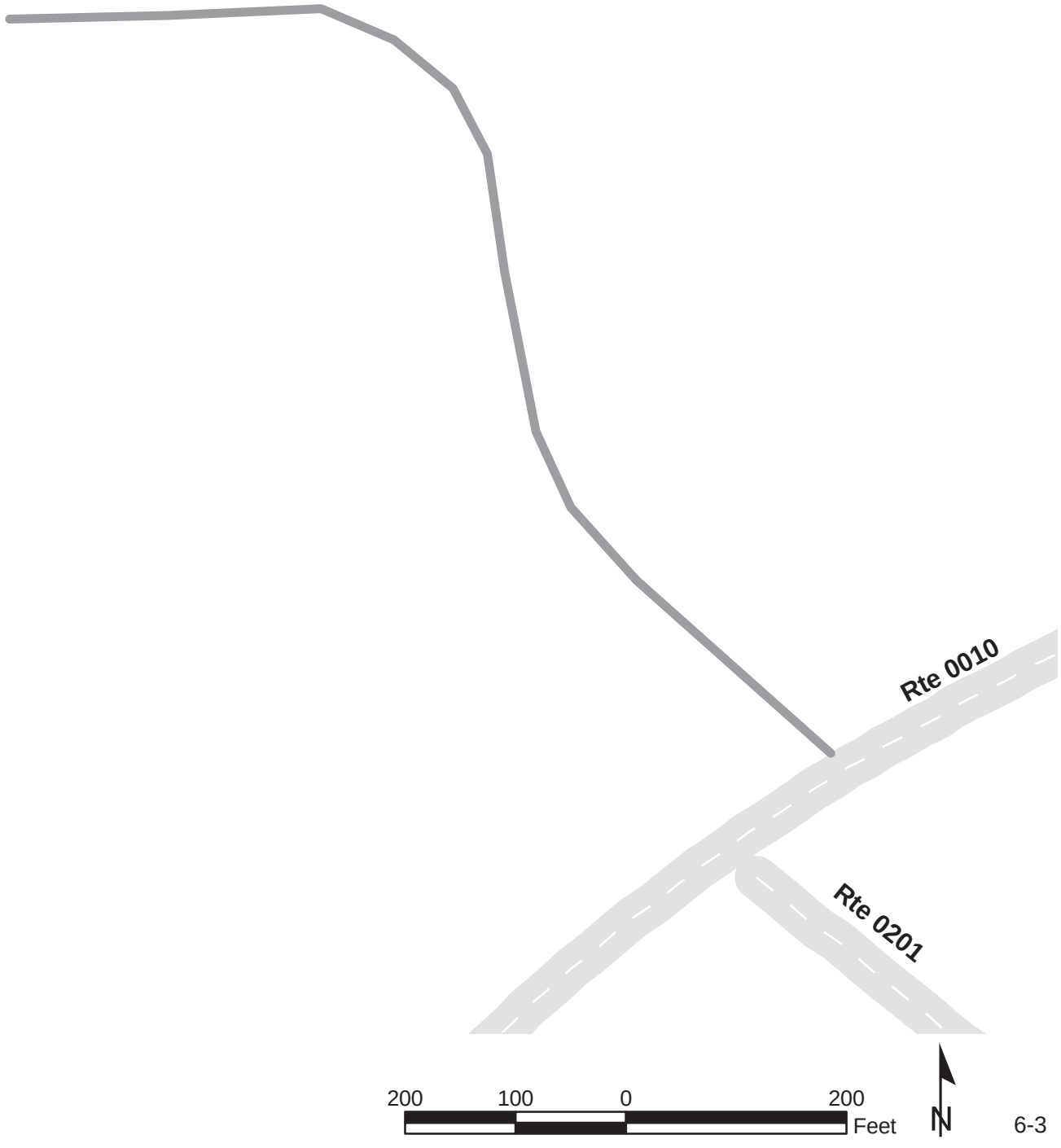


300 150 0 300
Feet

Cape Cod National Seashore
Route 0225
Coast Guard Beach Shuttle Bus Stop Access Road
From Route 0010 at MP 0.41

Route	Length (mi)	Width (ft)	Area (sq ft)	Lane Miles *	Condition / PCR	Surface Type
0225	0.19	24.00	23950	0.41	NC / -1	AS

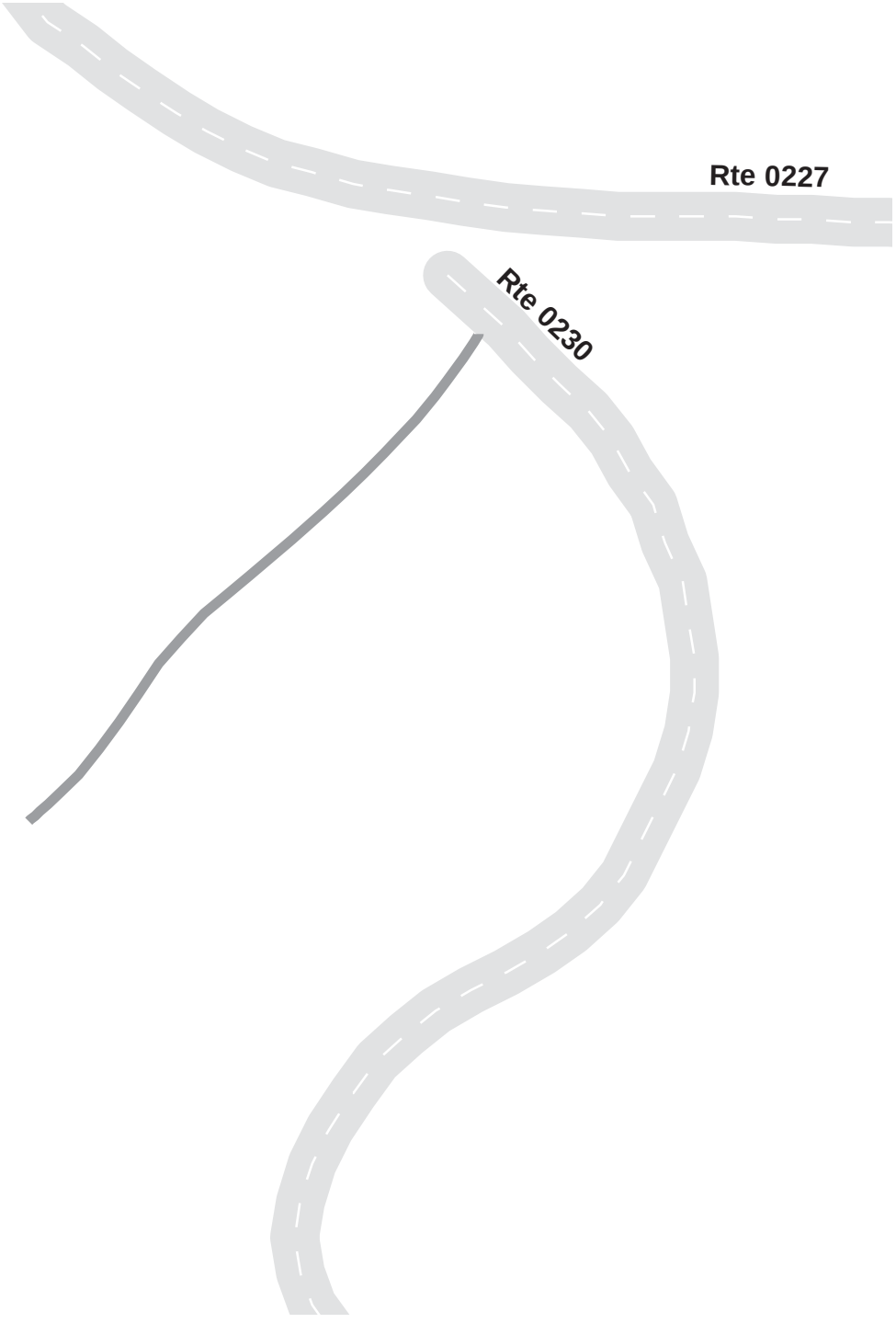
* Lane miles are based on 11' lane widths



Cape Cod National Seashore
Route 0228
Well Road
From Route 0230 at MP 0.02

Route	Length (mi)	Width (ft)	Area (sq ft)	Lane Miles *	Condition / PCR	Surface Type
0228	0.05	9.50	2658	0.05	POOR / 45	AS

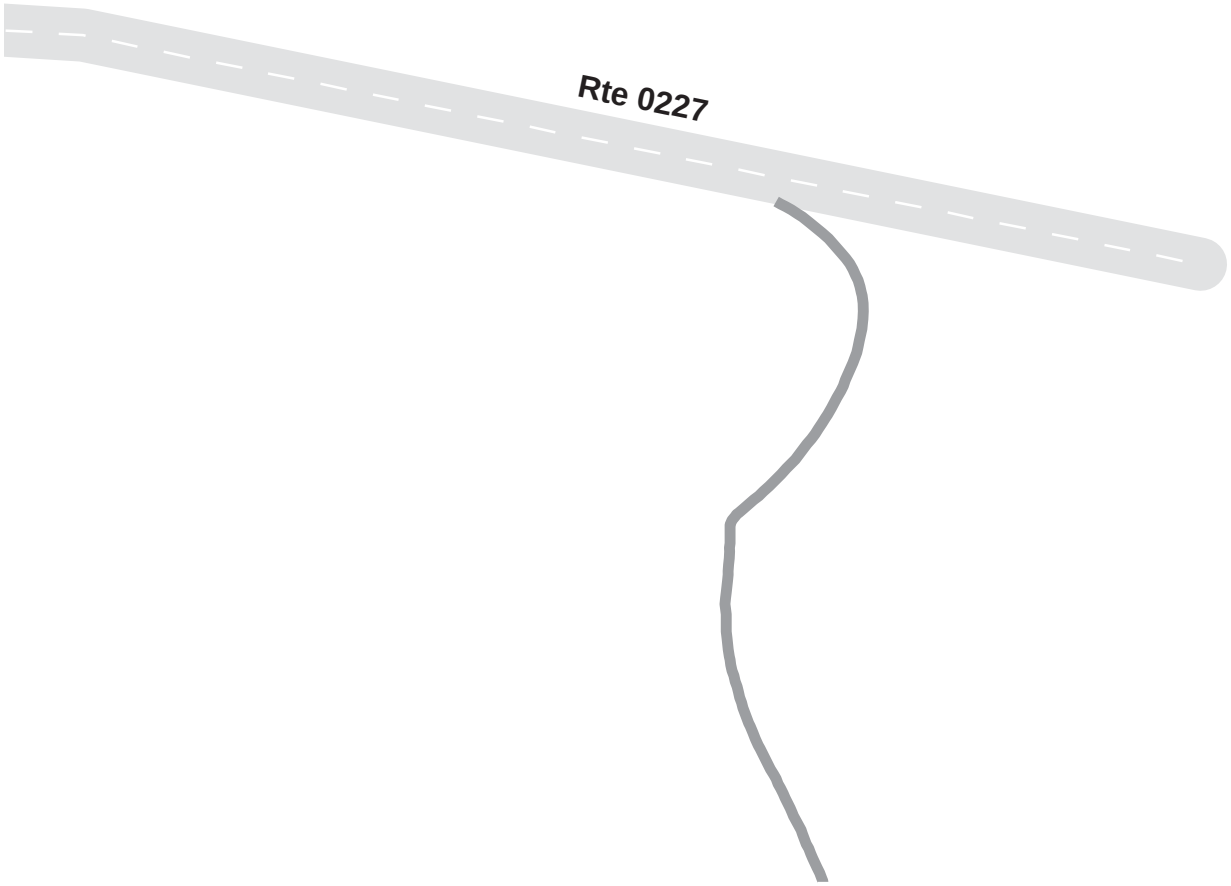
* Lane miles are based on 11' lane widths



Cape Cod National Seashore
Route 0229
Sewage Treatment Parking Road
From Route 0227

Route	Length (mi)	Width (ft)	Area (sq ft)	Lane Miles *	Condition / PCR	Surface Type
0229	0.13	9.00	6083	0.10	POOR / 45	AS

* Lane miles are based on 11' lane widths



200 100 0 200
Feet

N

Cape Cod National Seashore
Route 0233
Ntafs Fuel House Road
From Route 0232 at MP 0.15

Route	Length (mi)	Width (ft)	Area (sq ft)	Lane Miles *	Condition / PCR	Surface Type
0233	0.09	12.00	5386	0.09	POOR / 45	OC

* Lane miles are based on 11' lane widths

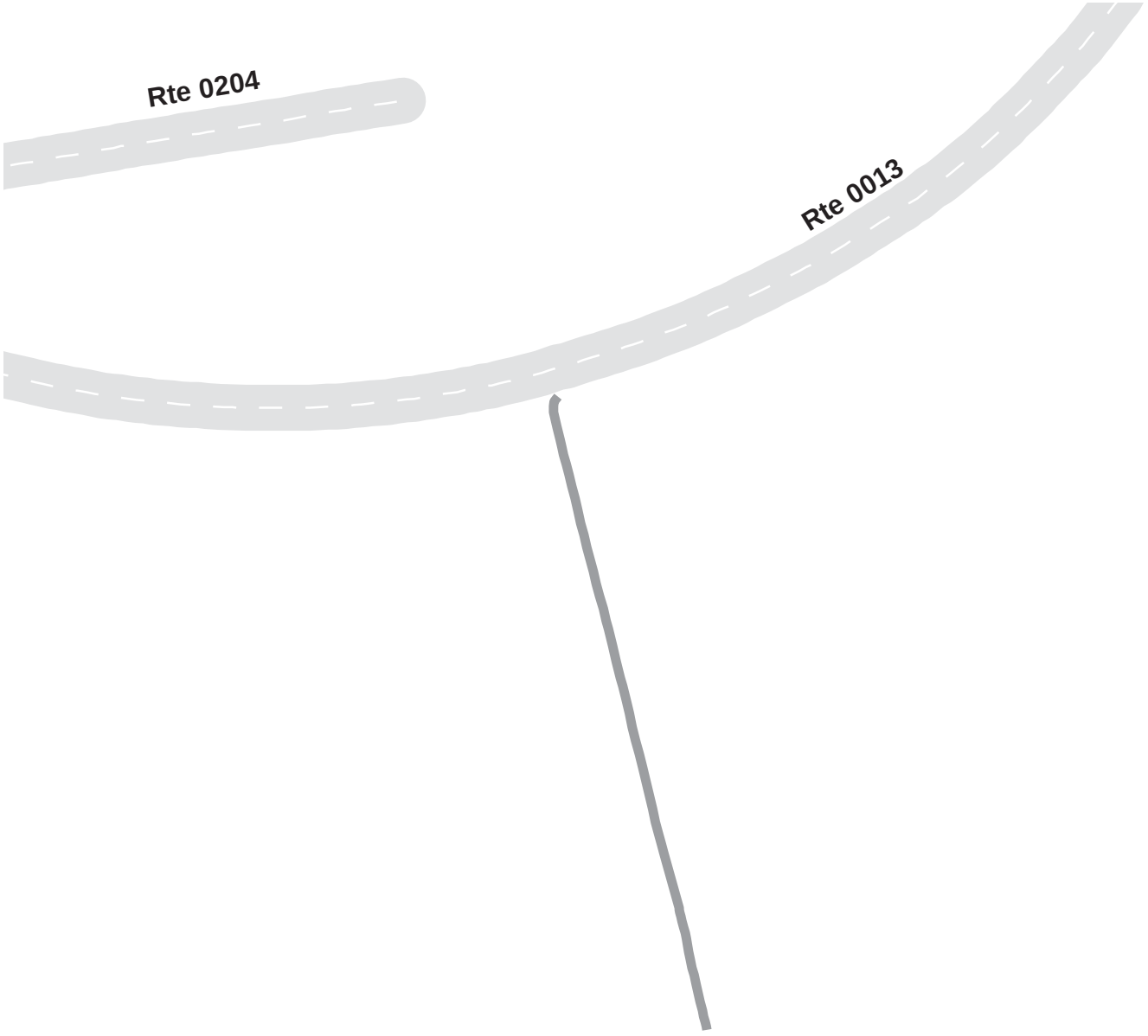
200 100 0 200
Feet

N

Cape Cod National Seashore
Route 0401
Pumphouse Road
From Route 0013

Route	Length (mi)	Width (ft)	Area (sq ft)	Lane Miles *	Condition / PCR	Surface Type
0401	0.26	9.50	12891	0.22	POOR / 45	AS

* Lane miles are based on 11' lane widths



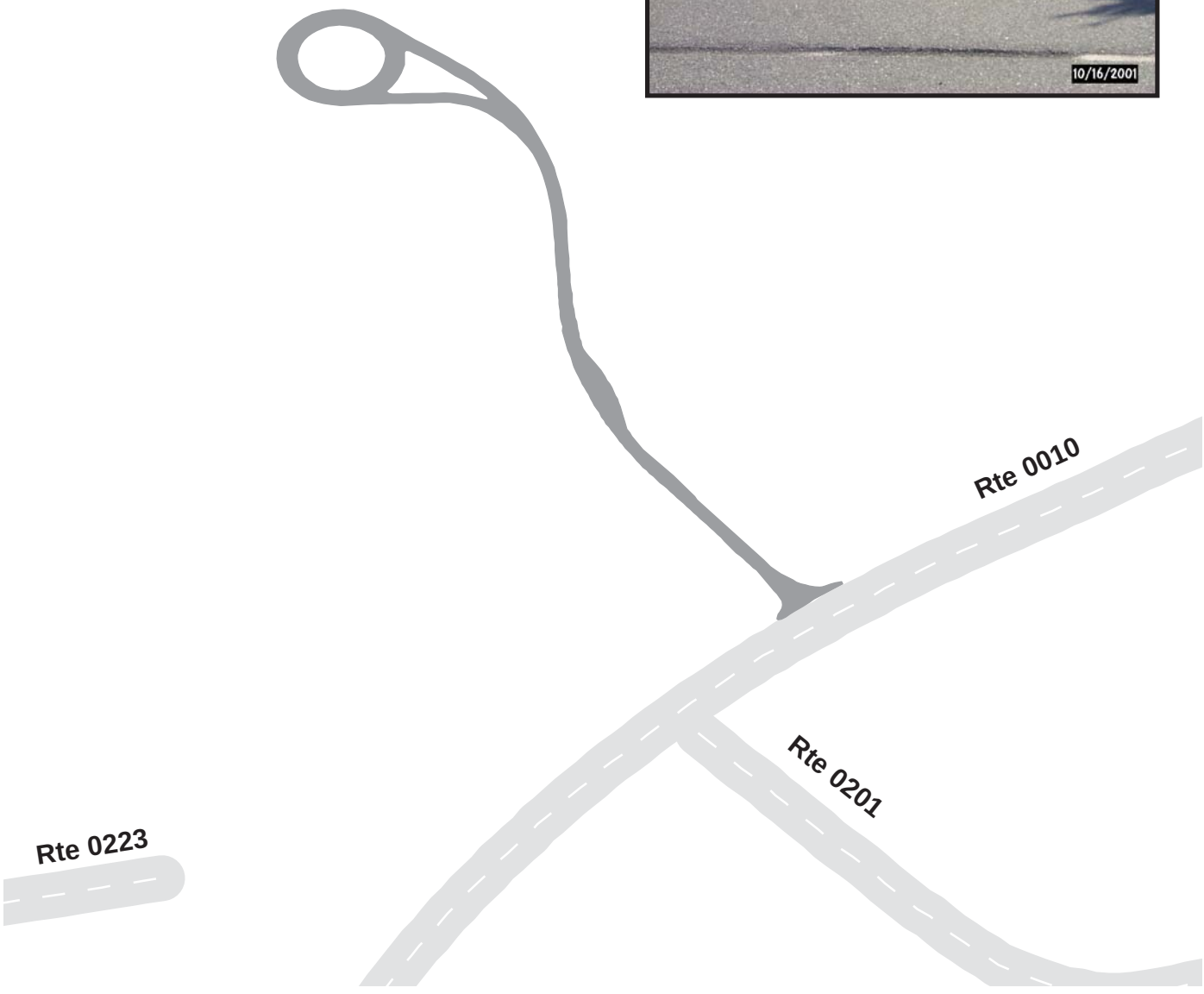
300 150 0 300
Feet

N

Cape Cod National Seashore
Route 0405
Coast Guard Beach Shuttle Pickup Route
From Route 0010 at MP 0.43

Route	Length (mi)	Width (ft)	Area (sq ft)	Lane Miles *	Condition / PCR	Surface Type
0405	0.19	0.00	21907	0.38	GOOD / 90	AS

* Lane miles are based on 11' lane widths



Cape Cod National Seashore
Route 0407
Province Lands Residence Road
From Route 0014 at MP 0.1

Route	Length (mi)	Width (ft)	Area (sq ft)	Lane Miles *	Condition / PCR	Surface Type
0407	0.20	19.00	19562	0.34	NC / -1	AS

* Lane miles are based on 11' lane widths

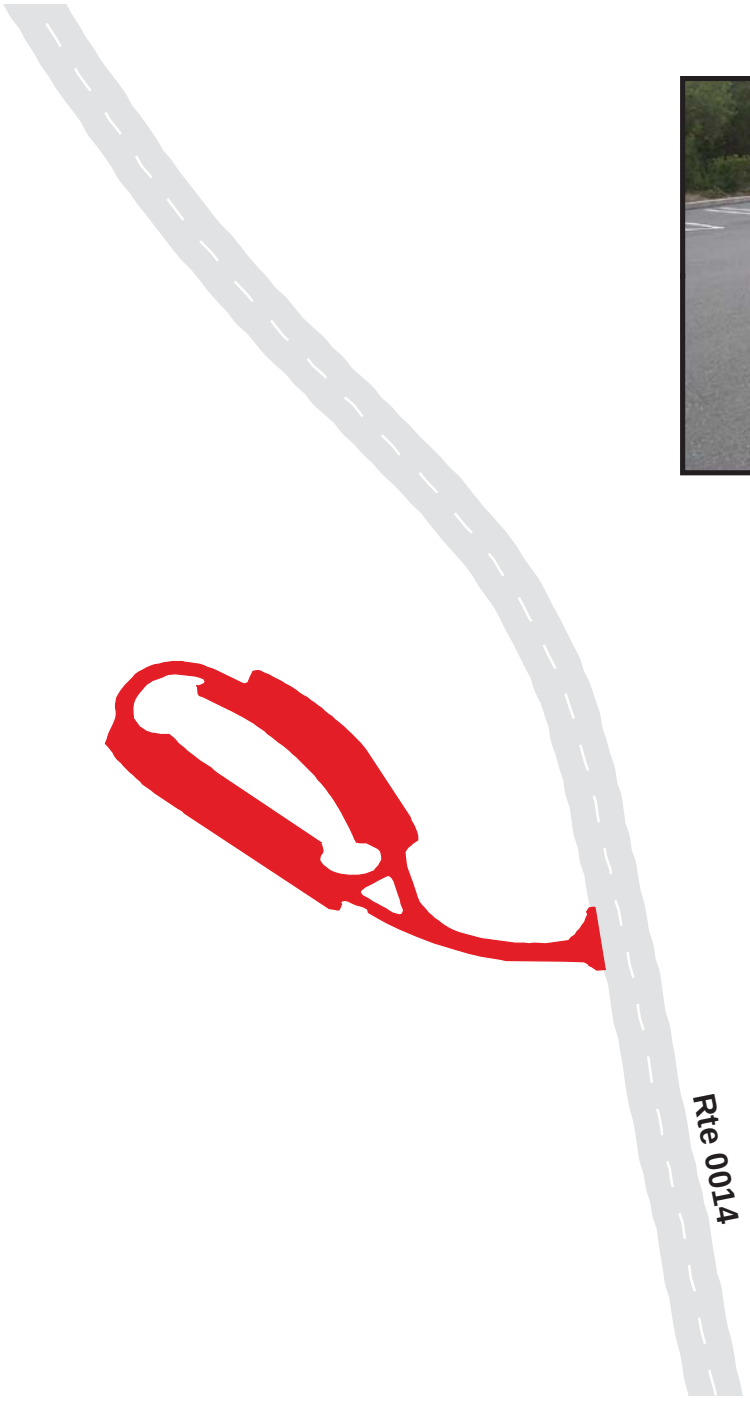
200 100 0 200
Feet

N

Cape Cod National Seashore
Route 0900
BEECH FOREST PARKING
From Route 0014 at MP 0.14

Route	Public / NonPublic	Date Visited	Area (sq ft)	Lane Miles *	Surface Type	Condition / PCR
0900	Public	10/8/2001	45019	0.78	OC	GOOD / 90

* Lane miles are based on 11' lane widths



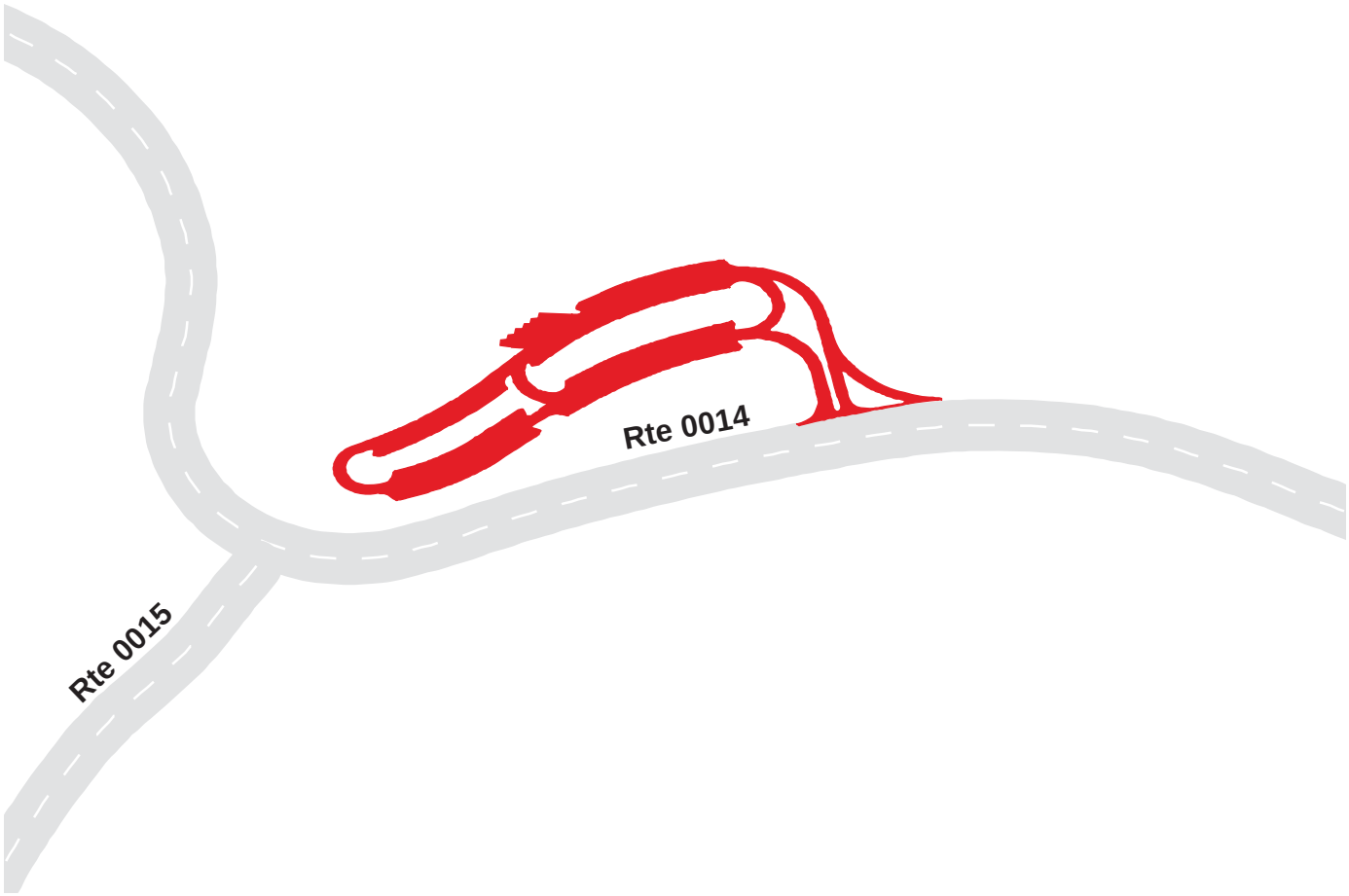
300 150 0 300
Feet

N

Cape Cod National Seashore
Route 0901
PROVINCE LANDS VISITOR CENTER PARKING
Adjacent to Route 0014 at MP 1.0

Route	Public / NonPublic	Date Visited	Area (sq ft)	Lane Miles *	Surface Type	Condition / PCR
0901	Public	10/8/2001	96393	1.66	OC	GOOD / 90

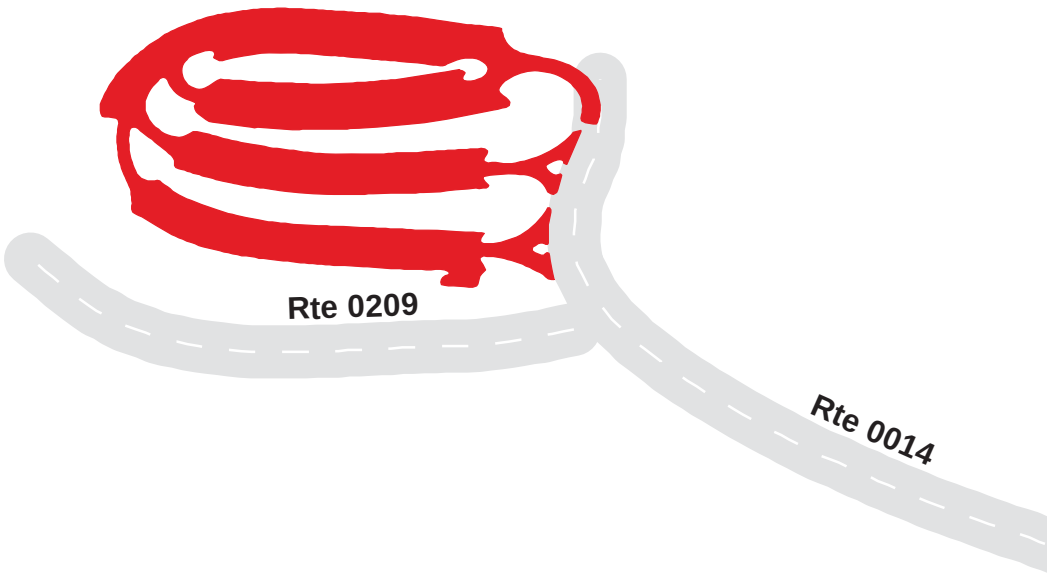
* Lane miles are based on 11' lane widths



Cape Cod National Seashore
Route 0902
RACE POINT BEACH PARKING
At End of Route 0014

Route	Public / NonPublic	Date Visited	Area (sq ft)	Lane Miles *	Surface Type	Condition / PCR
0902	Public	10/8/2001	139477	2.40	OC	GOOD / 90

* Lane miles are based on 11' lane widths



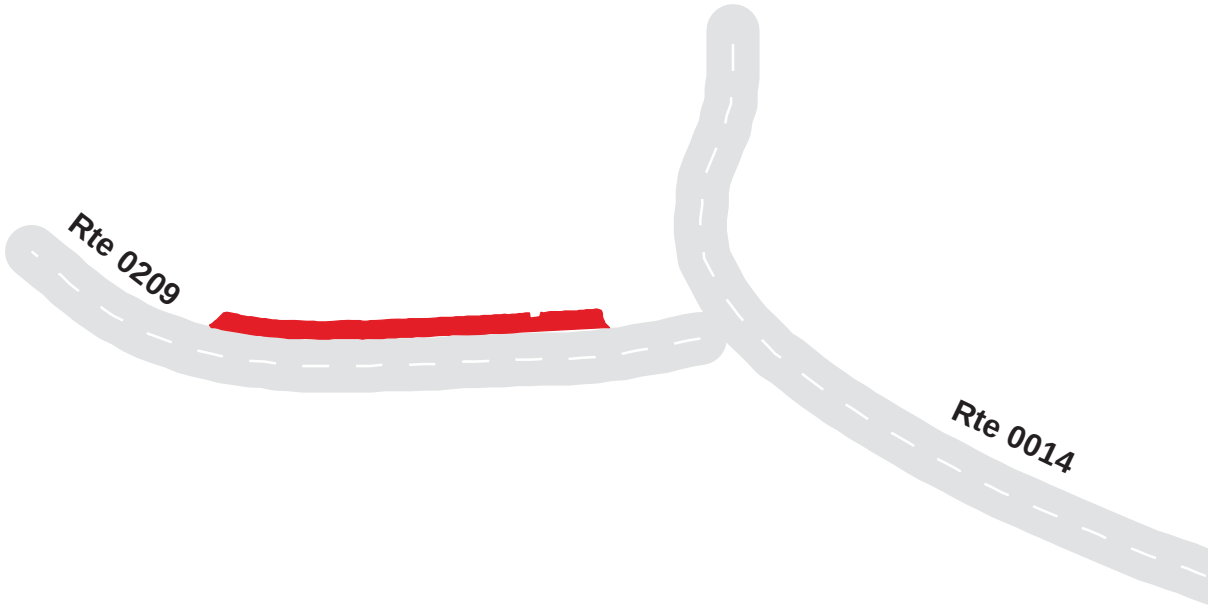
400 200 0 400
Feet

N

Cape Cod National Seashore
Route 0903
RACE POINT AIR STATION PARKING
Adjacent to Route 0209 on Right

Route	Public / NonPublic	Date Visited	Area (sq ft)	Lane Miles *	Surface Type	Condition / PCR
0903	Public	10/8/2001	9723	0.17	OC	POOR / 45

* Lane miles are based on 11' lane widths



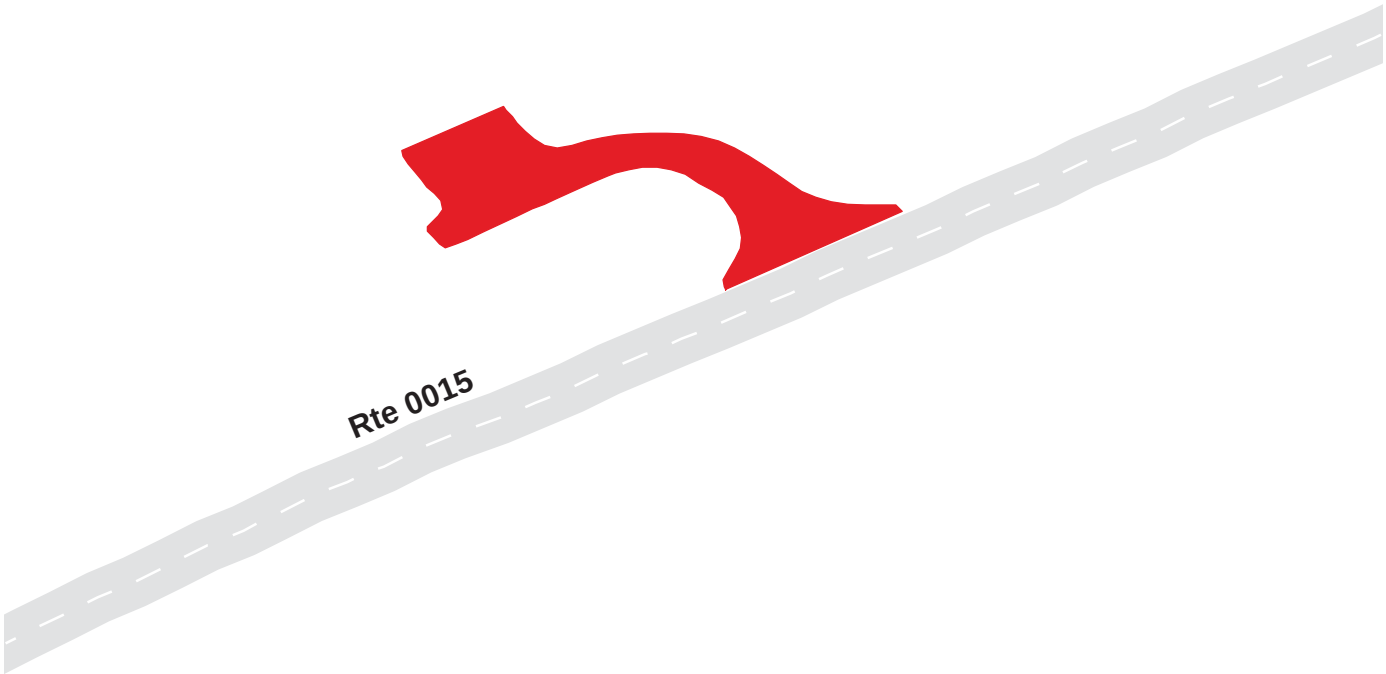
300 150 0 300
Feet

N

Cape Cod National Seashore
Route 0904
PROVINCE LANDS ROAD PARKING
Adjacent to Route 0015 at MP 0.4

Route	Public / NonPublic	Date Visited	Area (sq ft)	Lane Miles *	Surface Type	Condition / PCR
0904	Public	10/8/2001	4772	0.08	OC	FAIR / 73

* Lane miles are based on 11' lane widths



100 50 0 100
Feet

N

Cape Cod National Seashore
Route 0905A
PILGRIM HEIGHTS PICNIC AREA PARKING WEST
Adjacent to Route 0206 at MP 0.46 on Left and Right

Route	Public / NonPublic	Date Visited	Area (sq ft)	Lane Miles *	Surface Type	Condition / PCR
0905A	Public	10/8/2001	17433	0.30	OC	FAIR / 73

* Lane miles are based on 11' lane widths

Cape Cod National Seashore
Route 0905B

PILGRIM HEIGHTS PICNIC AREA PARKING EAST

Adjacent to Route 0206 at MP 0.63 on Left and Right

Route	Public / NonPublic	Date Visited	Area (sq ft)	Lane Miles *	Surface Type	Condition / PCR
0905B	Public	10/8/2001	18538	0.32	OC	FAIR / 73

* Lane miles are based on 11' lane widths

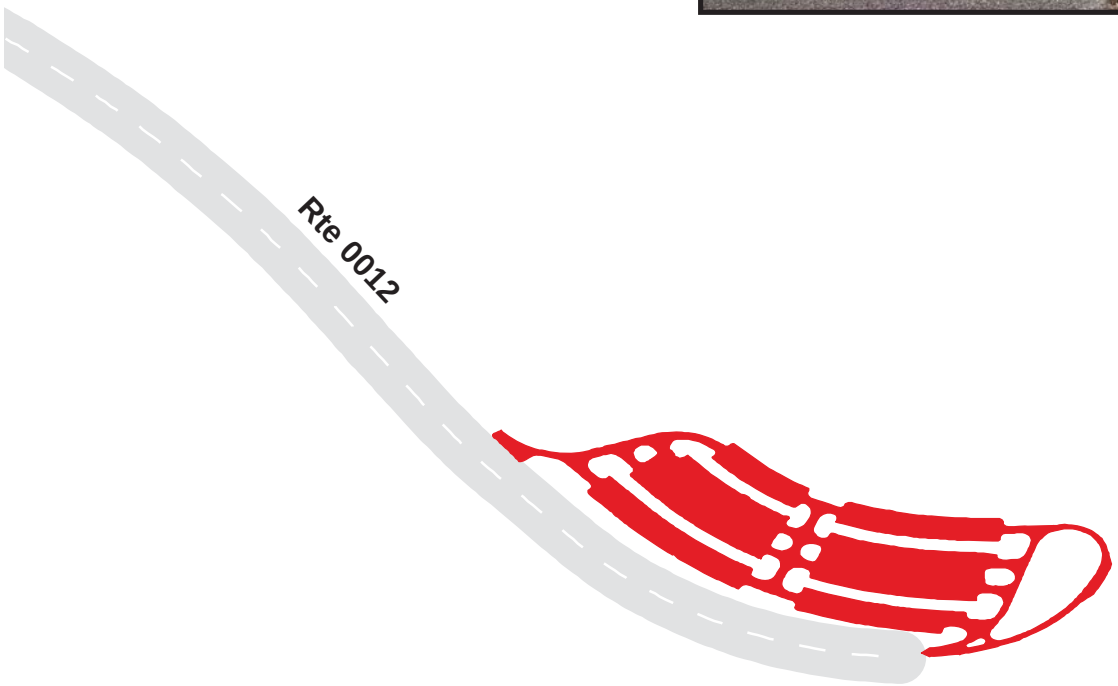
150 75 0 150 Feet

N

Cape Cod National Seashore
Route 0906
MARCONI BEACH PARKING
At End of Route 0012

Route	Public / NonPublic	Date Visited	Area (sq ft)	Lane Miles *	Surface Type	Condition / PCR
0906	Public	10/8/2001	223833	3.85	OC	FAIR / 73

* Lane miles are based on 11' lane widths



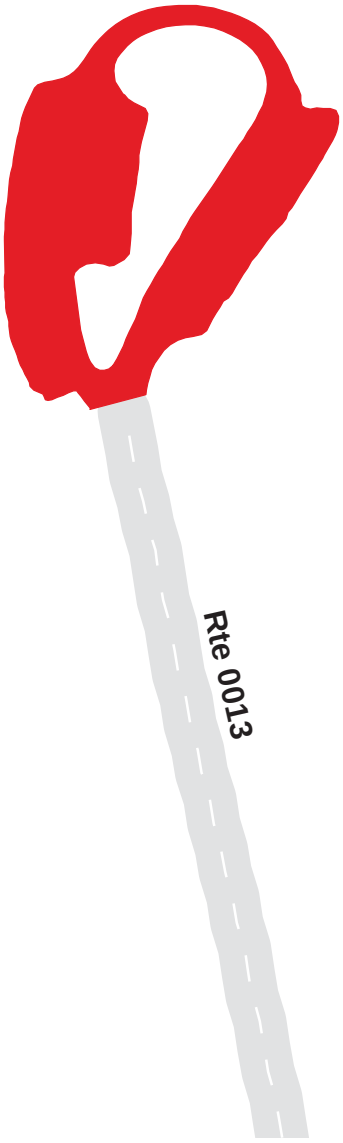
500 250 0 500
Feet

N

Cape Cod National Seashore
Route 0907
MARCONI STATION SITE PARKING
At End of Route 0013

Route	Public / NonPublic	Date Visited	Area (sq ft)	Lane Miles *	Surface Type	Condition / PCR
0907	Public	10/8/2001	23405	0.40	OC	FAIR / 73

* Lane miles are based on 11' lane widths



100 50 0 100
Feet

N

Cape Cod National Seashore
Route 0908
PARK HEADQUARTERS PARKING
Adjacent to Route 0013

Route	Public / NonPublic	Date Visited	Area (sq ft)	Lane Miles *	Surface Type	Condition / PCR
0908	Public	10/8/2001	22892	0.39	OC	FAIR / 73

* Lane miles are based on 11' lane widths

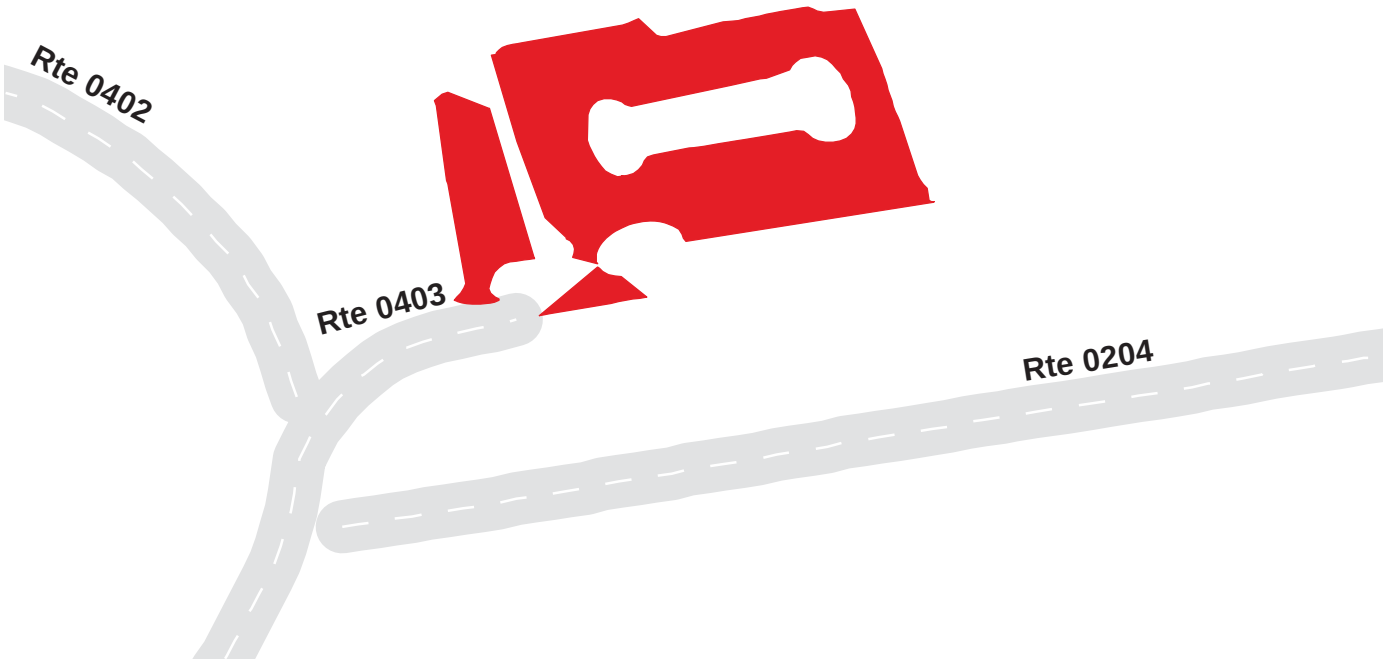
200 100 0 200
Feet

N

Cape Cod National Seashore
Route 0909
MARCONI MAINTENANCE AREA PARKING
At End of Route 0403

Route	Public / NonPublic	Date Visited	Area (sq ft)	Lane Miles *	Surface Type	Condition / PCR
0909	NonPublic	10/8/2001	59904	1.03	AS	POOR / 45

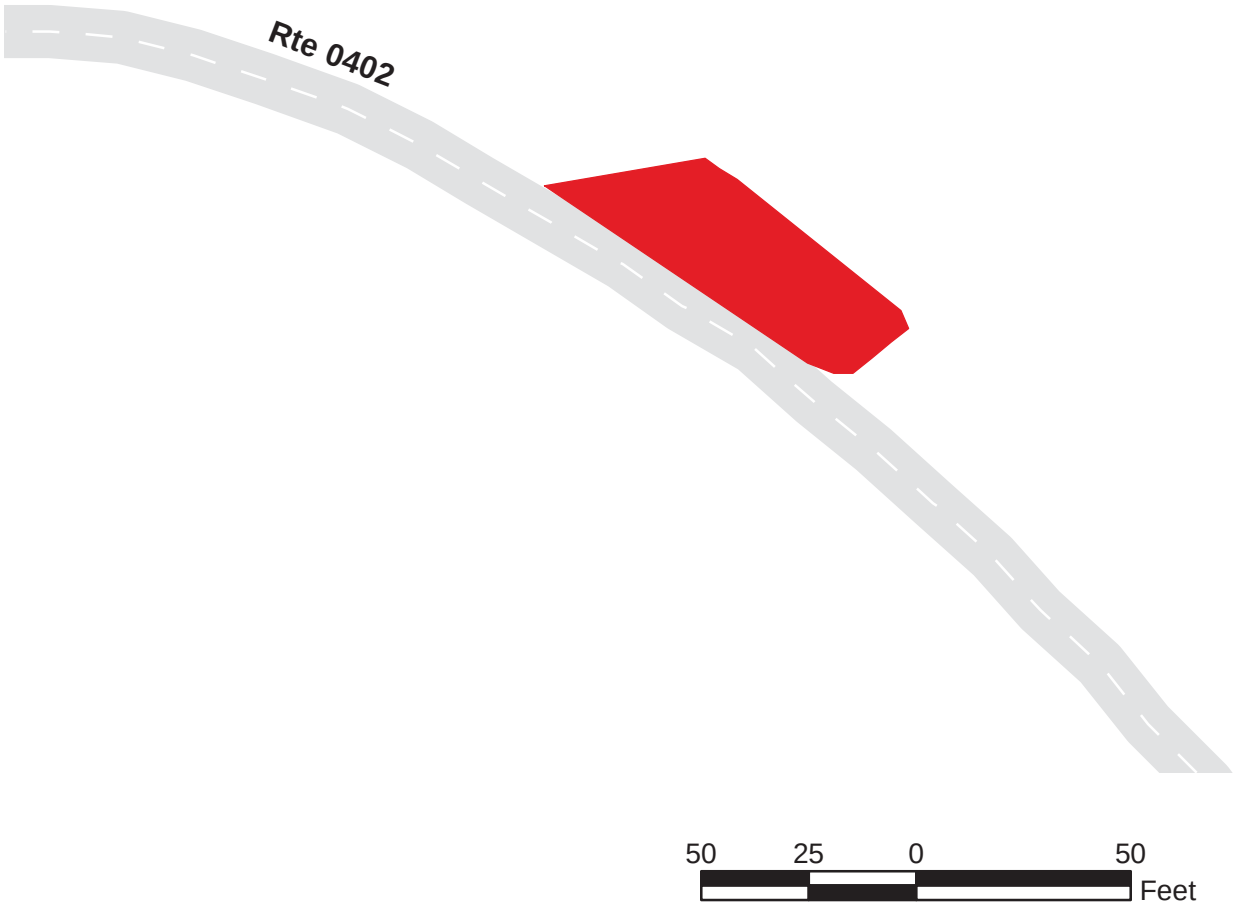
* Lane miles are based on 11' lane widths



Cape Cod National Seashore
Route 0910
MARCONI RESIDENCE ROAD PARKING
Adjacent to Route 0402

Route	Public / NonPublic	Date Visited	Area (sq ft)	Lane Miles *	Surface Type	Condition / PCR
0910	NonPublic	10/8/2001	1332	0.02	OC	FAIR / 73

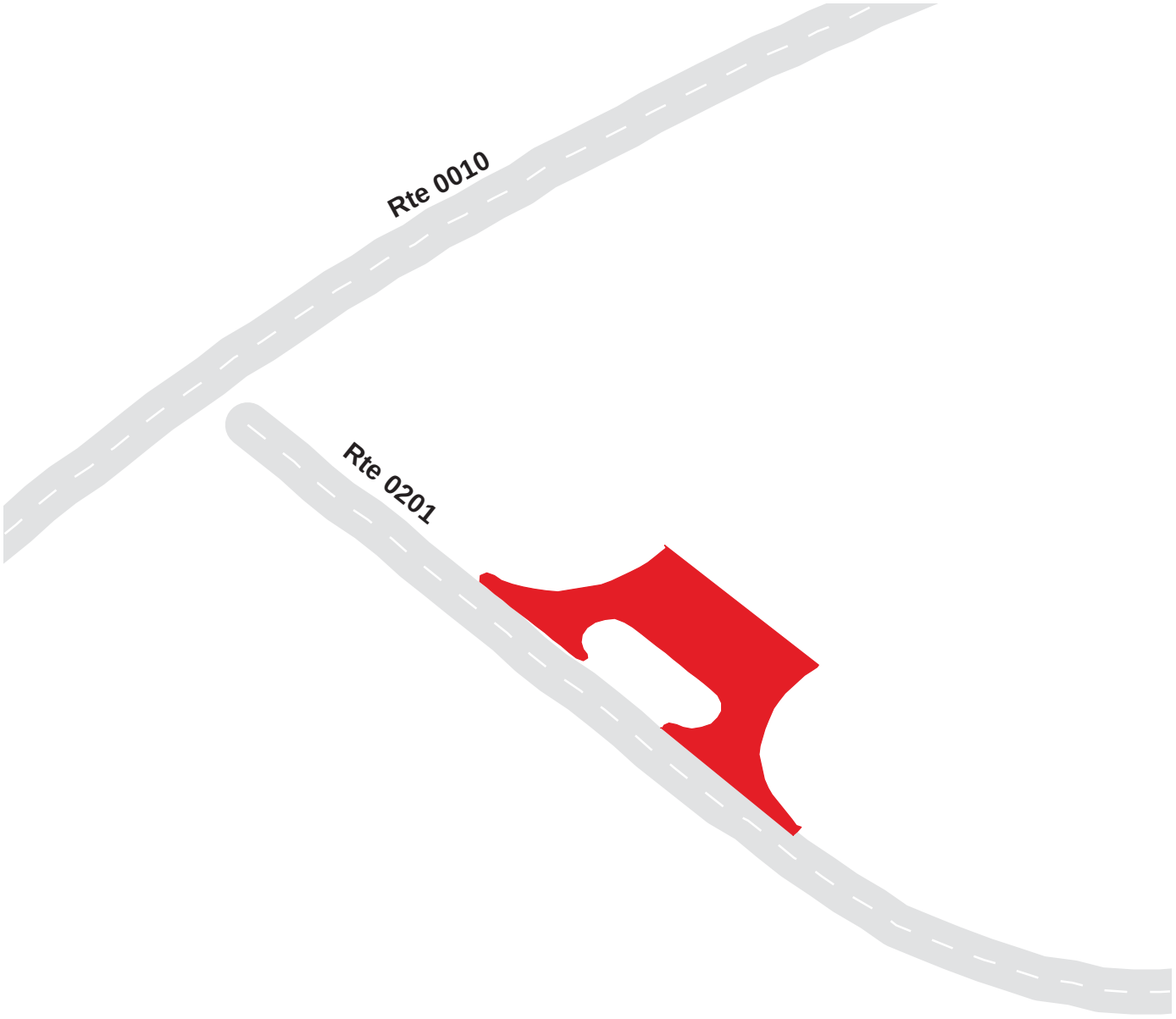
* Lane miles are based on 11' lane widths



Cape Cod National Seashore
Route 0911A
DOANE ROCK PICNIC AREA A PARKING
Adjacent to Route 0201 on Left

Route	Public / NonPublic	Date Visited	Area (sq ft)	Lane Miles *	Surface Type	Condition / PCR
0911A	Public	10/8/2001	7353	0.13	AS	GOOD / 90

* Lane miles are based on 11' lane widths



100 50 0 100
Feet

N

Cape Cod National Seashore
Route 0911B

DOANE ROCK PICNIC AREA B PARKING

At End of Route 0201 on Right

Route	Public / NonPublic	Date Visited	Area (sq ft)	Lane Miles *	Surface Type	Condition / PCR
0911B	Public	10/8/2001	8138	0.14	AS	GOOD / 90

* Lane miles are based on 11' lane widths

100 50 0 100
Feet

N

Cape Cod National Seashore
Route 0912
NAUSSET LIGHT BEACH PARKING
At End of Route 0211

Route	Public / NonPublic	Date Visited	Area (sq ft)	Lane Miles *	Surface Type	Condition / PCR
0912	Public	10/8/2001	72108	1.24	AS	FAIR / 73

* Lane miles are based on 11' lane widths

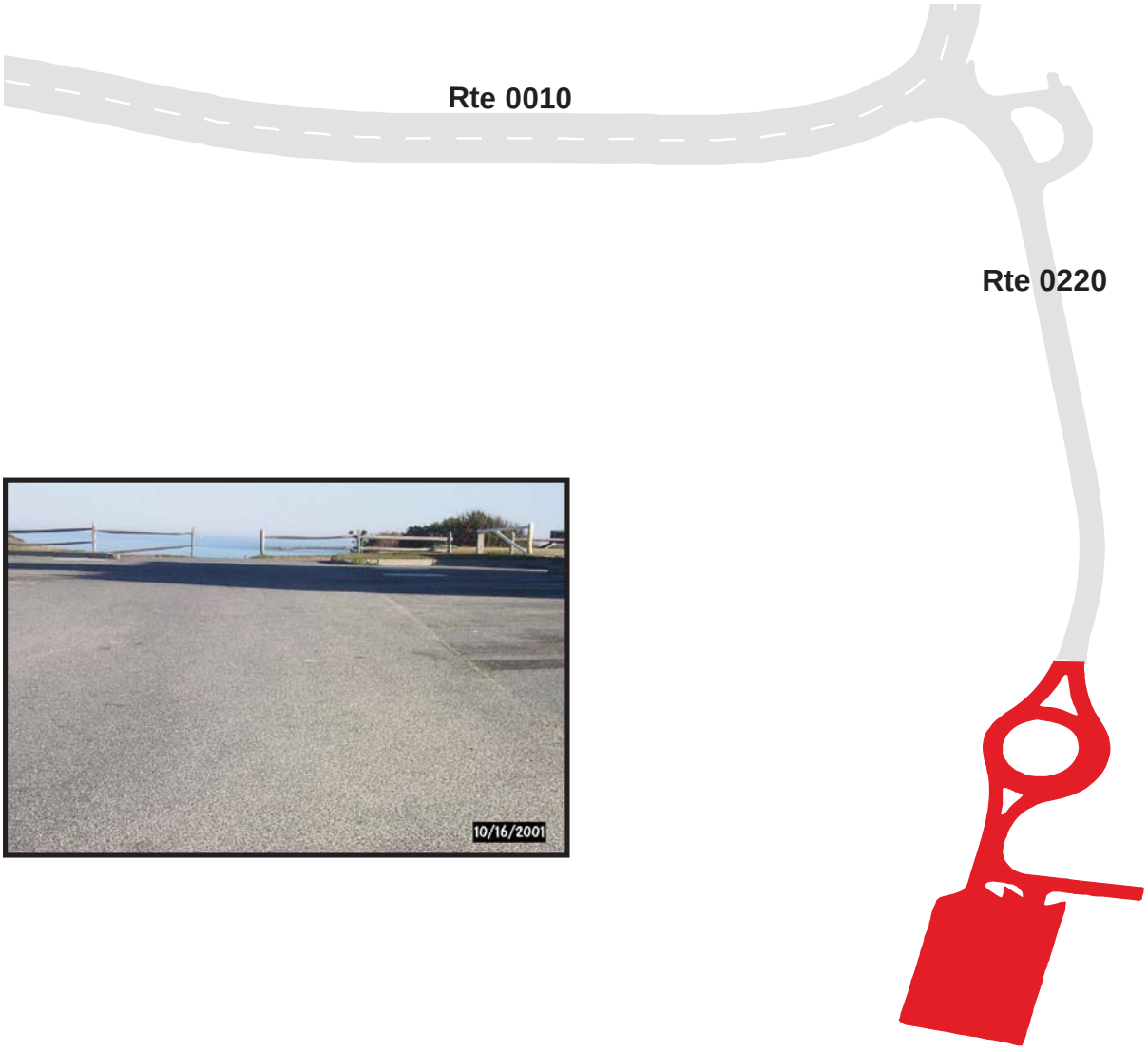
200 100 0 200
Feet

N

Cape Cod National Seashore
Route 0913
COAST GUARD BEACH ENVIRONMENTAL EDUCATION CENTER PARKING
At End of Route 0220

Route	Public / NonPublic	Date Visited	Area (sq ft)	Lane Miles *	Surface Type	Condition / PCR
0913	Public	10/8/2001	36840	0.63	AS	FAIR / 73

* Lane miles are based on 11' lane widths



200 100 0 200
Feet

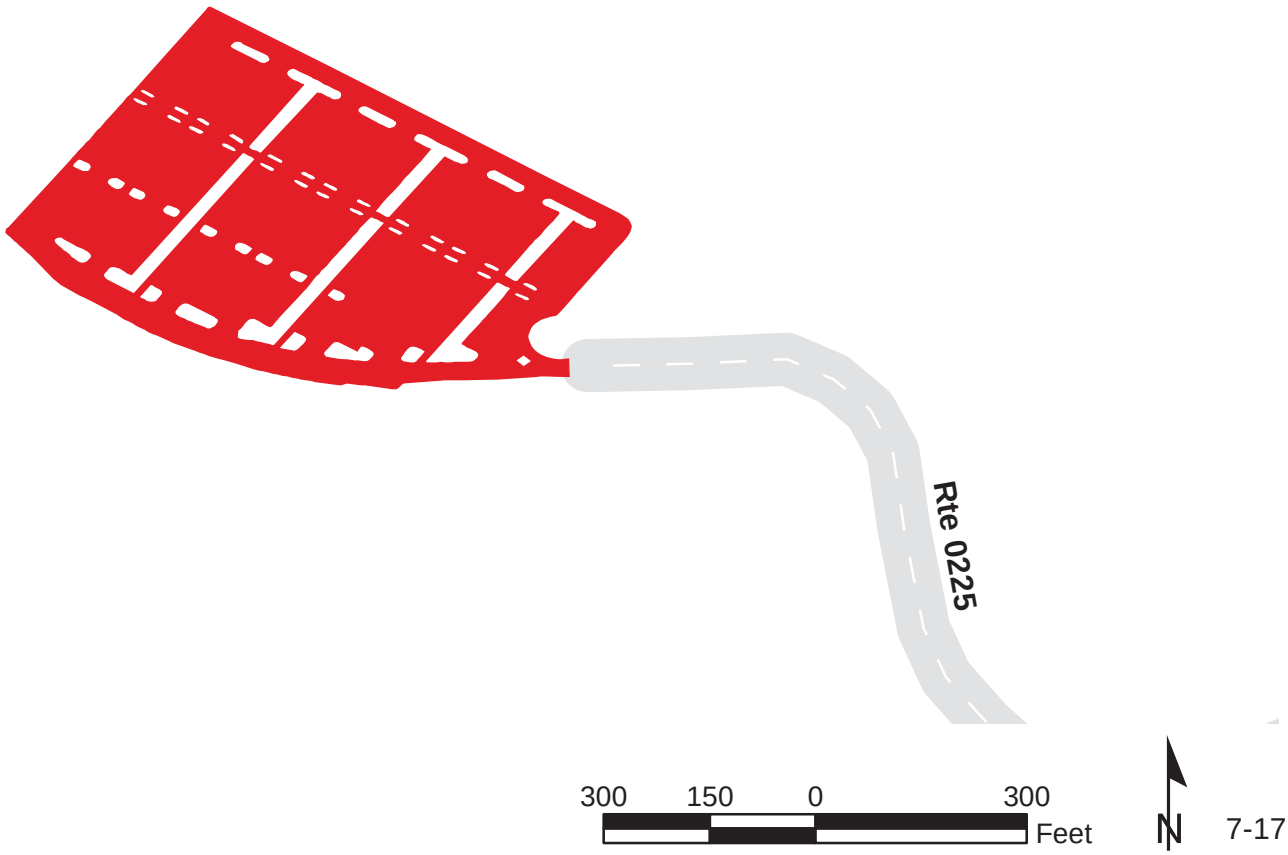
N

7-16

Cape Cod National Seashore
Route 0914
COAST GUARD BEACH BUS STOP PARKING
At End of Route 0225

Route	Public / NonPublic	Date Visited	Area (sq ft)	Lane Miles *	Surface Type	Condition / PCR
0914	Public	10/8/2001	180503	3.11	AS	GOOD / 90

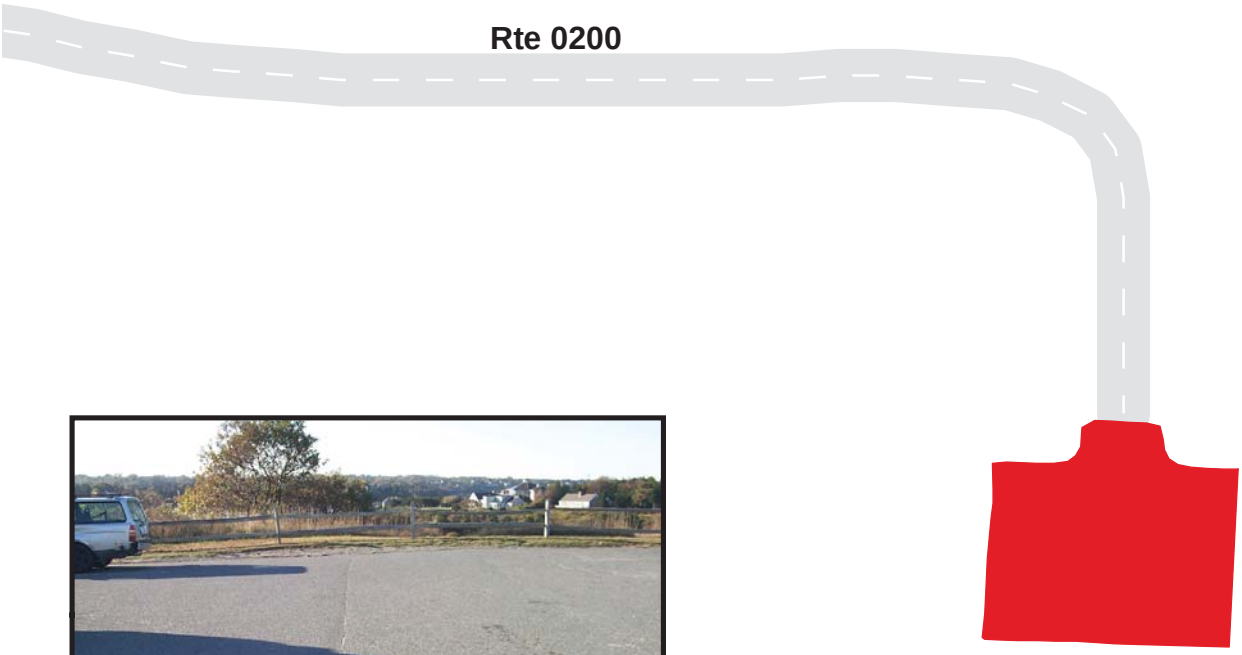
* Lane miles are based on 11' lane widths



Cape Cod National Seashore
Route 0915
FORT HILL AREA PARKING
At End of Route 0200

Route	Public / NonPublic	Date Visited	Area (sq ft)	Lane Miles *	Surface Type	Condition / PCR
0915	Public	10/8/2001	4132	0.07	AS	FAIR / 73

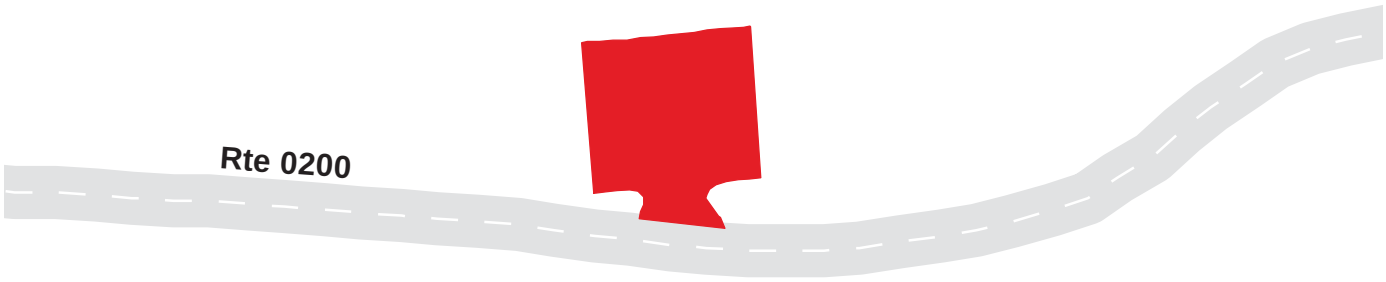
* Lane miles are based on 11' lane widths



Cape Cod National Seashore
Route 0916
FORT HILL TRAILHEAD PARKING
Adjacent to Route 0200 on Left

Route	Public / NonPublic	Date Visited	Area (sq ft)	Lane Miles *	Surface Type	Condition / PCR
0916	Public	10/8/2001	4738	0.08	AS	FAIR / 73

* Lane miles are based on 11' lane widths



100 50 0 100
Feet

N

Cape Cod National Seashore
Route 0917
PARK HEADQUARTERS EMPLOYEE PARKING
Adjacent to Route 0204 on Right

Route	Public / NonPublic	Date Visited	Area (sq ft)	Lane Miles *	Surface Type	Condition / PCR
0917	Public	10/8/2001	21624	0.37	OC	FAIR / 73

* Lane miles are based on 11' lane widths

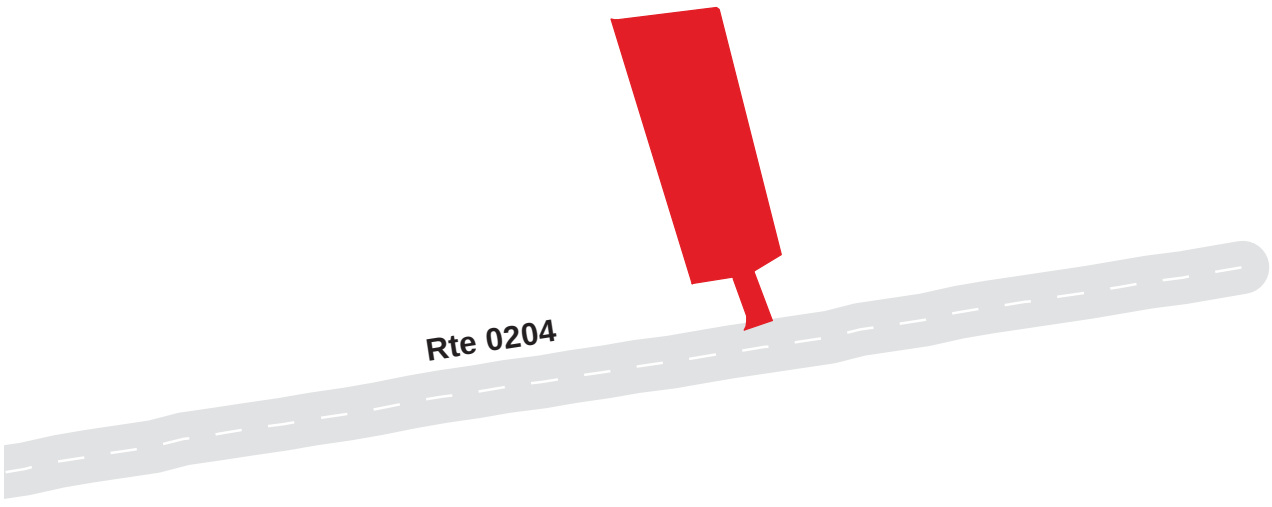
150 75 0 150
Feet

N

Cape Cod National Seashore
Route 0918
OLD VEHICLE STORAGE AREA
Adjacent to Route 0204 on Left

Route	Public / NonPublic	Date Visited	Area (sq ft)	Lane Miles *	Surface Type	Condition / PCR
0918	NonPublic	10/8/2001	6584	0.11	CO	FAIR / 73

* Lane miles are based on 11' lane widths



100 50 0 100
Feet

N

Cape Cod National Seashore
Route 0919

SALT POND VISITOR CENTER PARKING

Near end of Route 0019 on Left

Route	Public / NonPublic	Date Visited	Area (sq ft)	Lane Miles *	Surface Type	Condition / PCR
0919	Public	10/8/2001	98024	1.69	AS	FAIR / 73

* Lane miles are based on 11' lane widths

300 150 0 300

Feet

N

Cape Cod National Seashore
Route 0922
NAC LABORATORY PARKING
At End of Route 0231 on Right

Route	Public / NonPublic	Date Visited	Area (sq ft)	Lane Miles *	Surface Type	Condition / PCR
0922	Public	10/8/2001	8445	0.15	OC	GOOD / 90

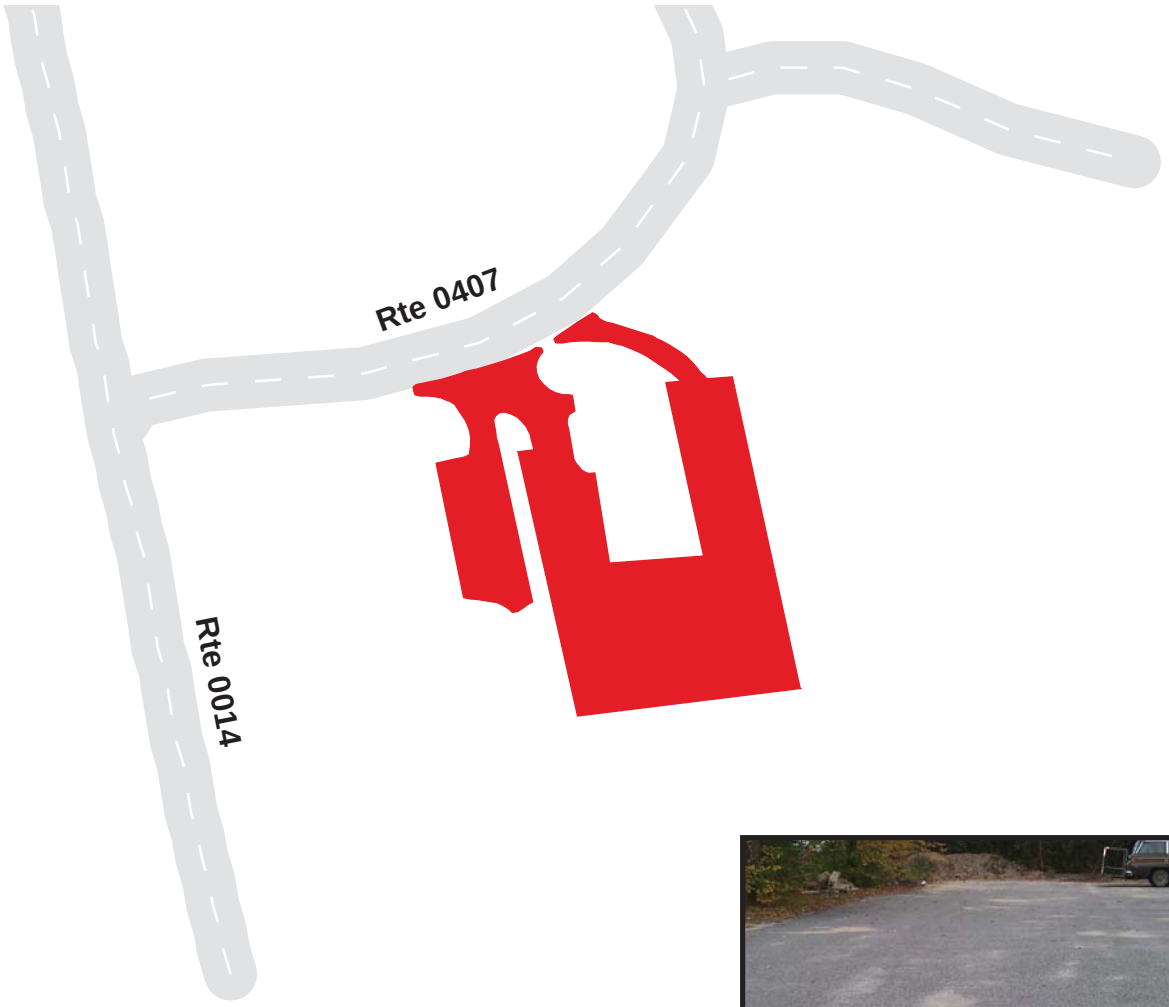
* Lane miles are based on 11' lane widths

7-23

Cape Cod National Seashore
Route 0925
PROVINCE LANDS MAINTENANCE PARKING
Adjacent to Route 0407

Route	Public / NonPublic	Date Visited	Area (sq ft)	Lane Miles *	Surface Type	Condition / PCR
0925	NonPublic	10/8/2001	31892	0.55	OC	FAIR / 73

* Lane miles are based on 11' lane widths



200 100 0 200
Feet

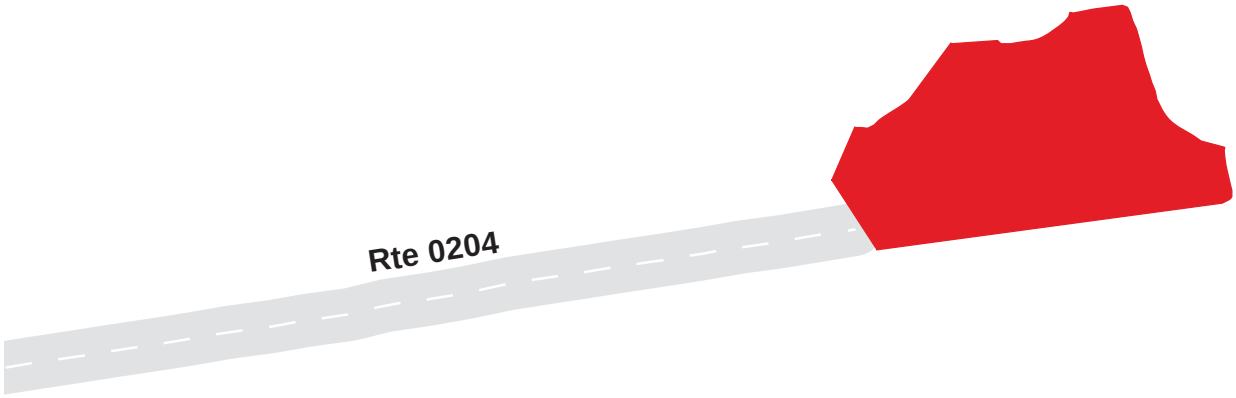
N

7-24

Cape Cod National Seashore
Route 0926
MARCONI EMPLOYEE PARKING ROAD HELIPAD
At End of Route 0204

Route	Public / NonPublic	Date Visited	Area (sq ft)	Lane Miles *	Surface Type	Condition / PCR
0926	Public	10/8/2001	9371	0.16	OC	POOR / 45

* Lane miles are based on 11' lane widths



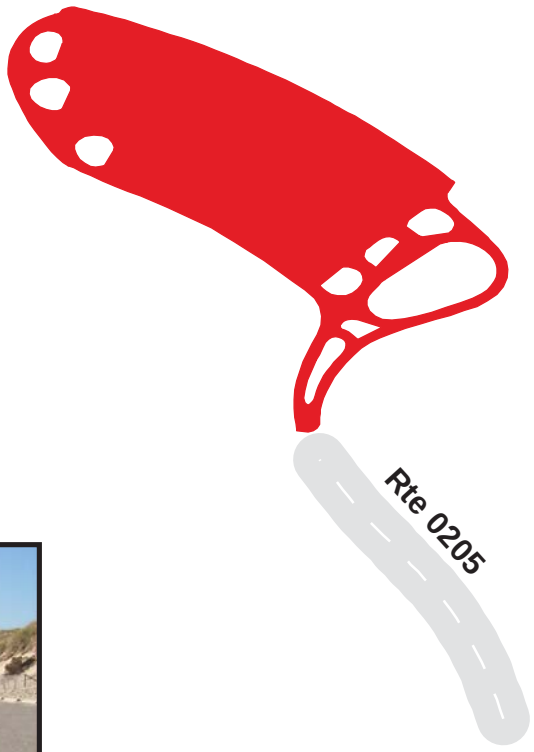
100 50 0 100
Feet

N

Cape Cod National Seashore
Route 0927
HEAD OF THE MEADOW PARKING
At End of Route 0205

Route	Public / NonPublic	Date Visited	Area (sq ft)	Lane Miles *	Surface Type	Condition / PCR
0927	Public	10/8/2001	172653	2.97	OC	FAIR / 73

* Lane miles are based on 11' lane widths



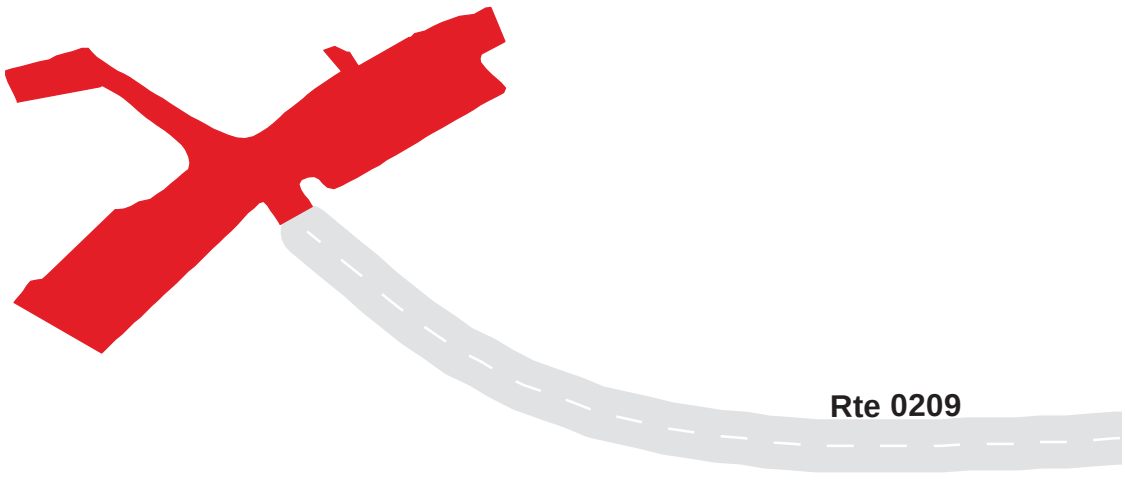
400 200 0 400
Feet

N

Cape Cod National Seashore
Route 0928
RACE POINT RANGER STATION PARKING
At End of Route 0209

Route	Public / NonPublic	Date Visited	Area (sq ft)	Lane Miles *	Surface Type	Condition / PCR
0928	Public	10/8/2001	21330	0.37	OC	GOOD / 90

* Lane miles are based on 11' lane widths



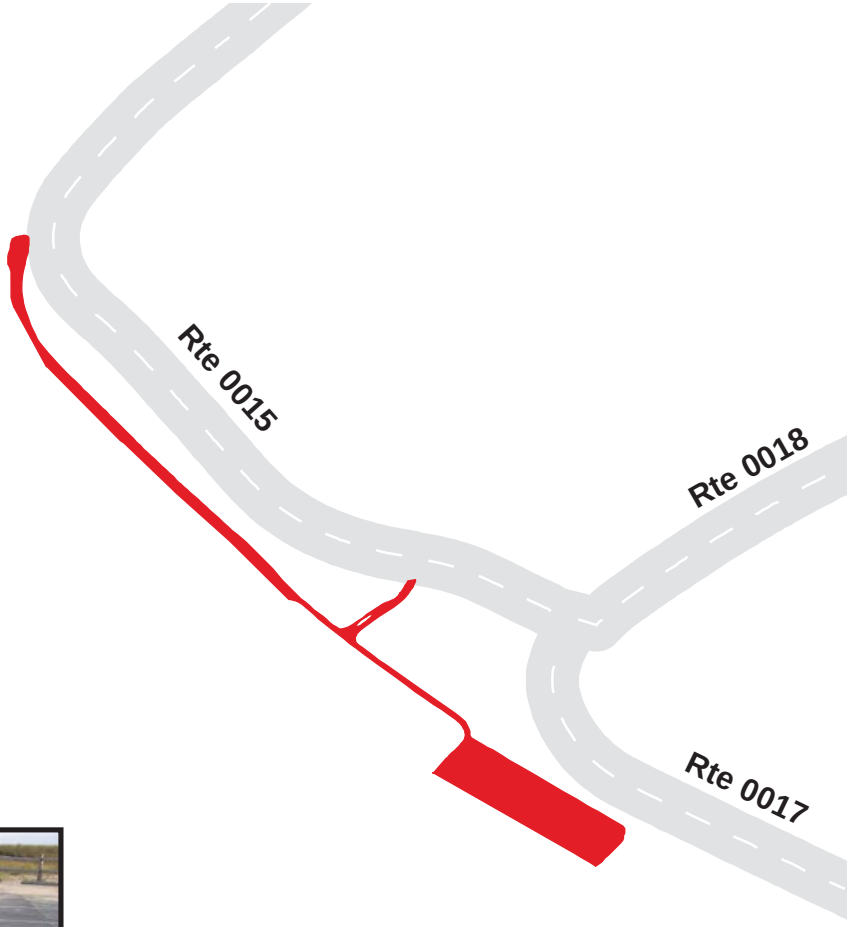
200 100 0 200
Feet

N

Cape Cod National Seashore
Route 0929
HERRING COVE BEACH PARKING
Adjacent to Route 0015

Route	Public / NonPublic	Date Visited	Area (sq ft)	Lane Miles *	Surface Type	Condition / PCR
0929	Public	10/8/2001	279810	4.82	AS	FAIR / 73

* Lane miles are based on 11' lane widths



1,000 500 0 1,000
Feet

N

Cape Cod National Seashore
Route 0930
GREAT ISLAND TRAIL AND PICNIC PARKING
Adjacent to Chequesset Neck Road (Wellfleet Town Road)

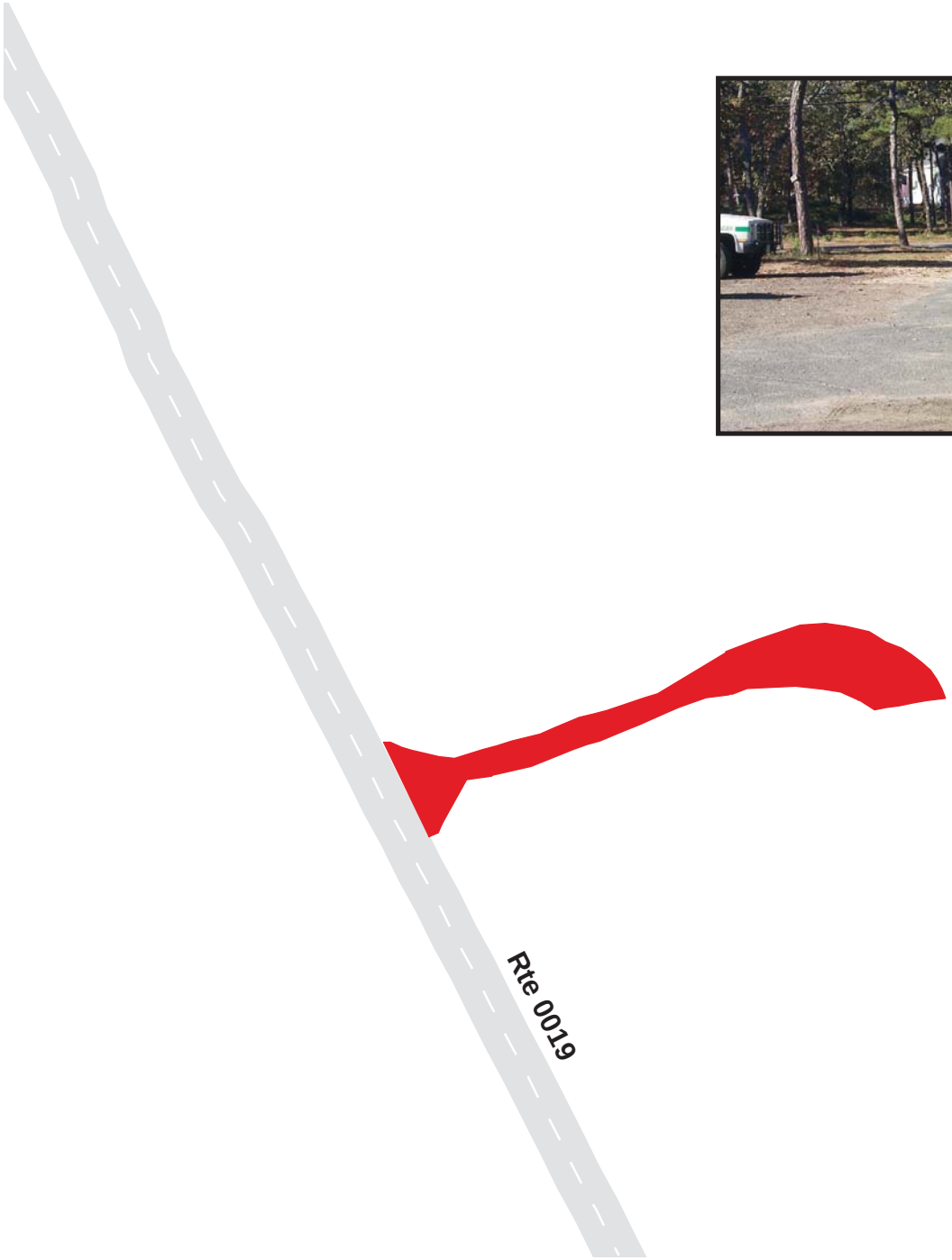
Route	Public / NonPublic	Date Visited	Area (sq ft)	Lane Miles *	Surface Type	Condition / PCR
0930	Public	10/8/2001	28101	0.48	AS	FAIR / 73

* Lane miles are based on 11' lane widths

Cape Cod National Seashore
Route 0931
NAUSET RANGER STATION PARKING
Adjacent to Route 0019

Route	Public / NonPublic	Date Visited	Area (sq ft)	Lane Miles *	Surface Type	Condition / PCR
0931	Public	10/8/2001	3943	0.07	AS	POOR / 45

* Lane miles are based on 11' lane widths



100 50 0 100
Feet

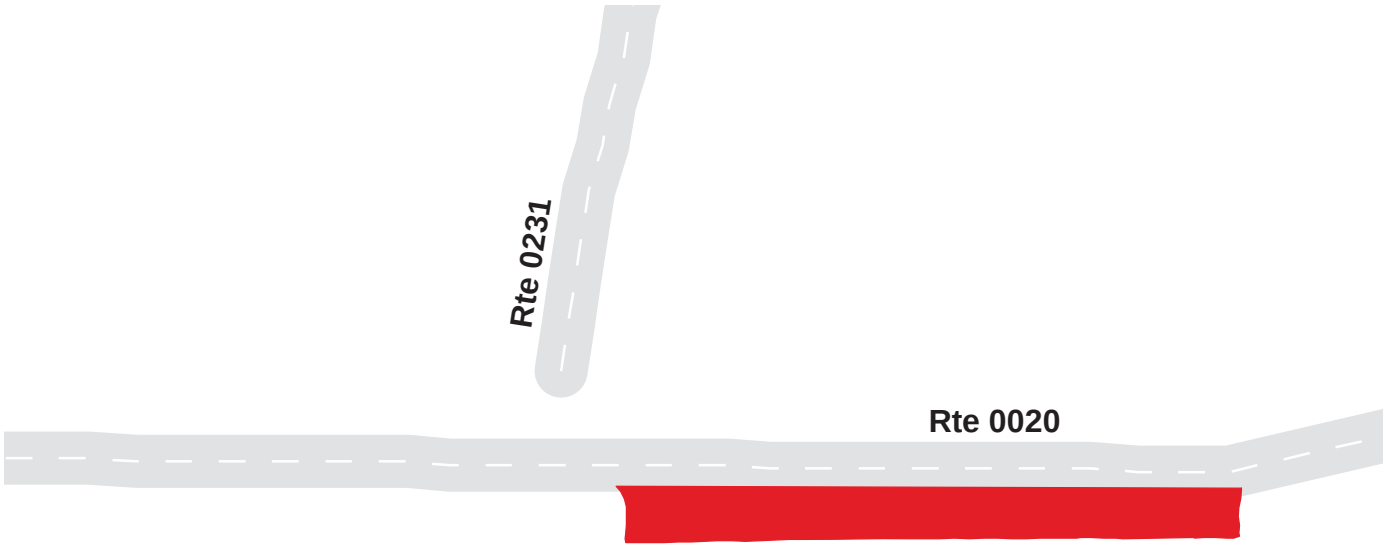
N

7-30

Cape Cod National Seashore
Route 0935A
OLD DEWLINE ROAD A PARKING
Adjacent to Route 0020 at MP 0.5 on Right

Route	Public / NonPublic	Date Visited	Area (sq ft)	Lane Miles *	Surface Type	Condition / PCR
0935A	Public	10/8/2001	3810	0.07	OC	POOR / 45

* Lane miles are based on 11' lane widths



100 50 0 100
Feet

N

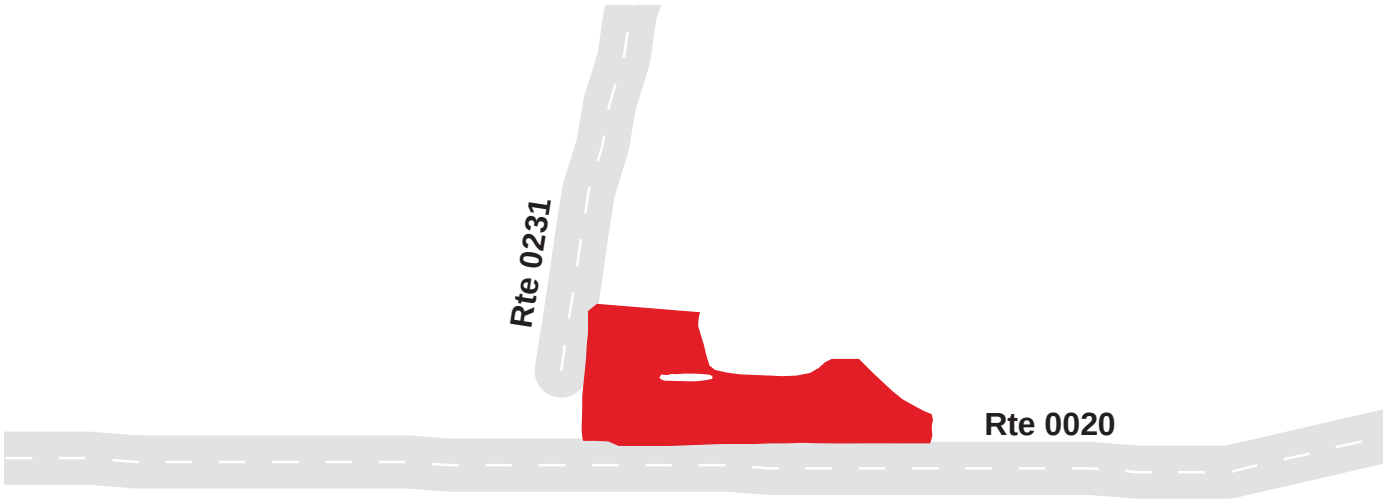
Cape Cod National Seashore
Route 0935B

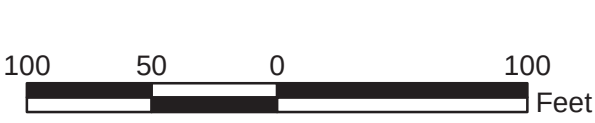
OLD DEWLINE ROAD B PARKING

Adjacent to Route 0020 at MP 0.48 on Left

Route	Public / NonPublic	Date Visited	Area (sq ft)	Lane Miles *	Surface Type	Condition / PCR
0935B	Public	10/8/2001	3625	0.06	OC	POOR / 45

* Lane miles are based on 11' lane widths





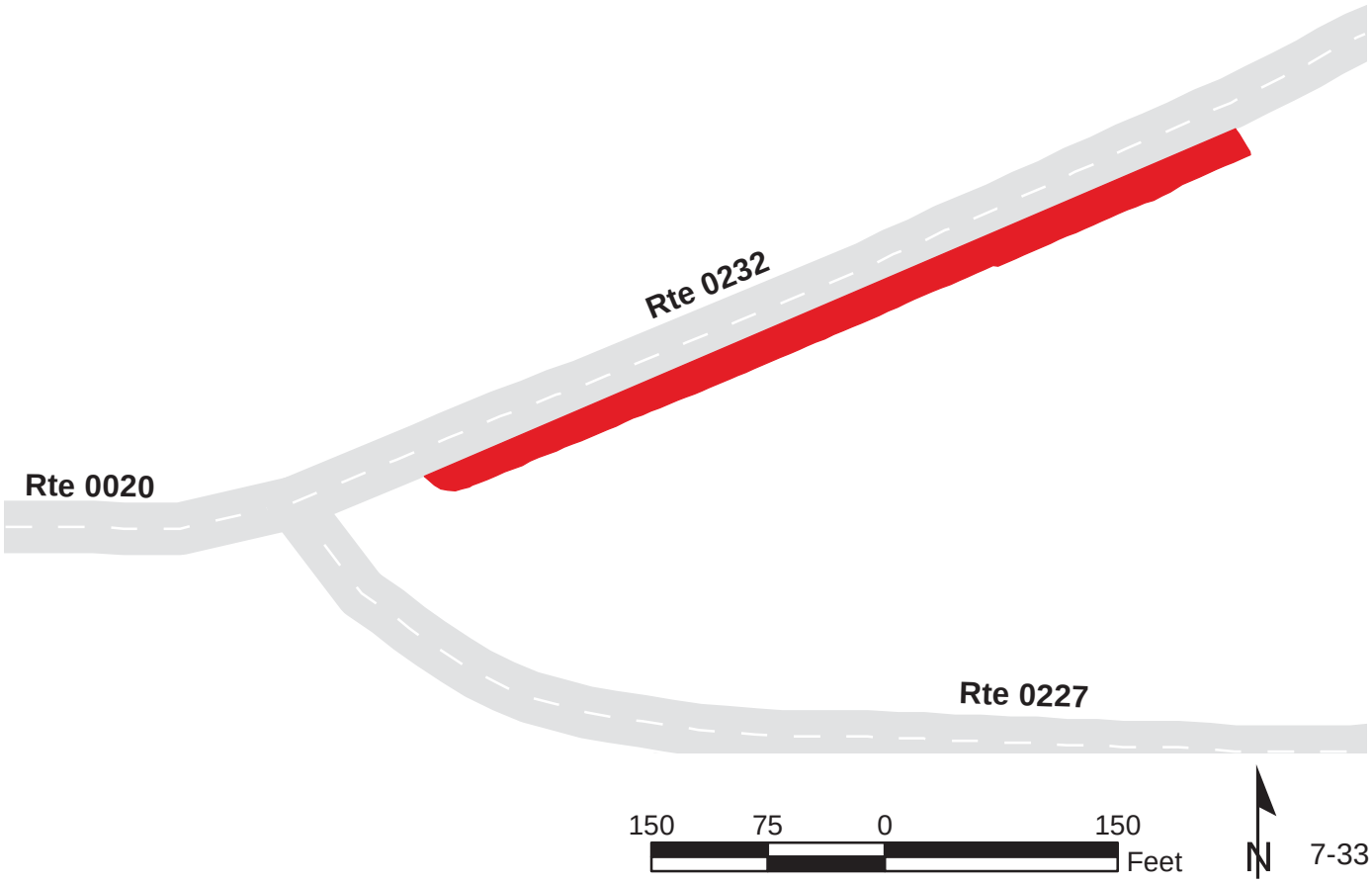
Cape Cod National Seashore
Route 0937A

NTAFS ACCESS ROAD A PARKING

Adjacent to Route 0232 at MP 0.05 on Right

Route	Public / NonPublic	Date Visited	Area (sq ft)	Lane Miles *	Surface Type	Condition / PCR
0937A	NonPublic	10/8/2001	8146	0.14	OC	POOR / 45

* Lane miles are based on 11' lane widths



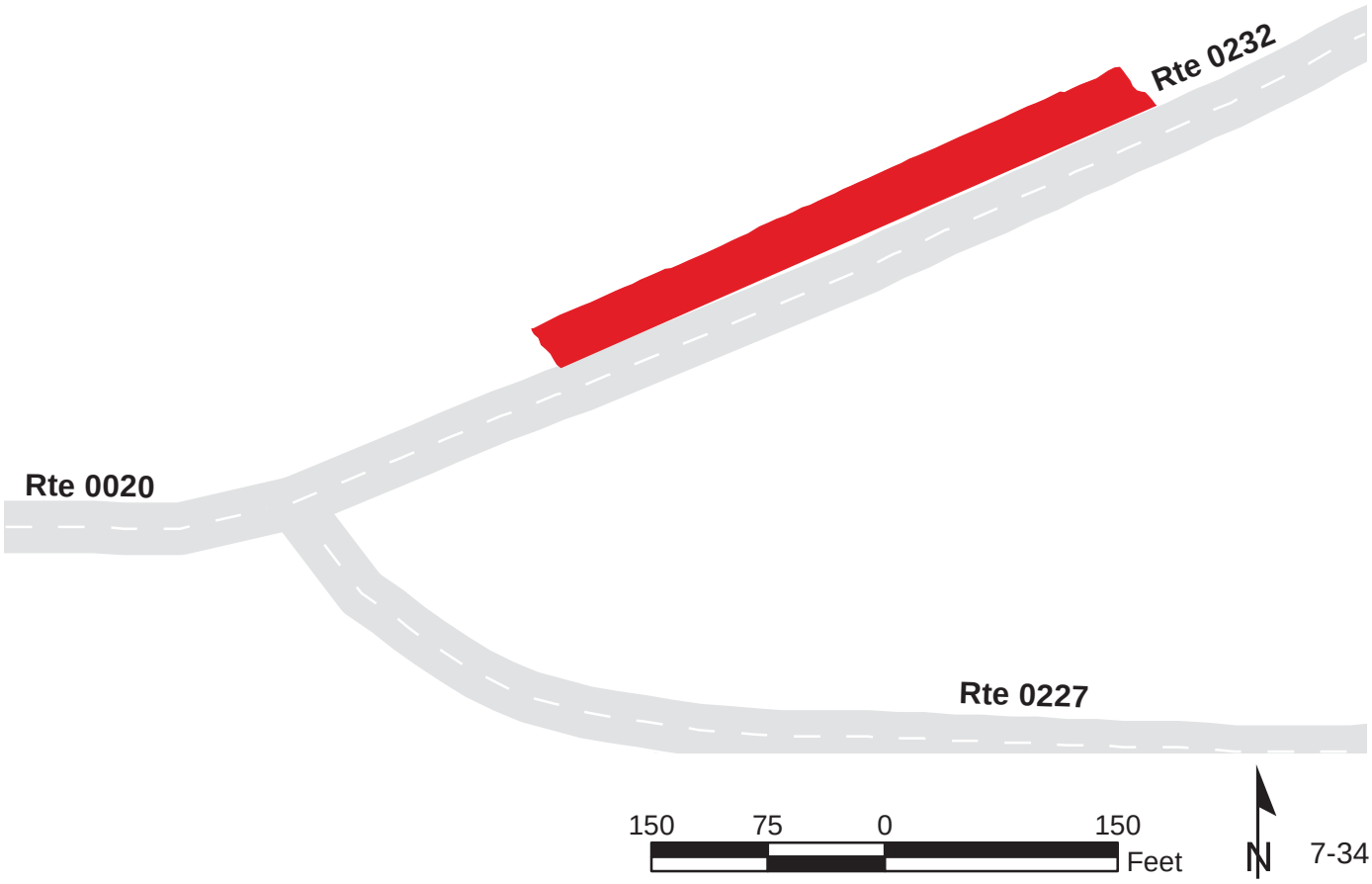
Cape Cod National Seashore
Route 0937B

NTAFS ACCESS ROAD B PARKING

Adjacent to Route 0232 at MP 0.06 on Left

Route	Public / NonPublic	Date Visited	Area (sq ft)	Lane Miles *	Surface Type	Condition / PCR
0937B	NonPublic	10/8/2001	9616	0.17	OC	POOR / 45

* Lane miles are based on 11' lane widths



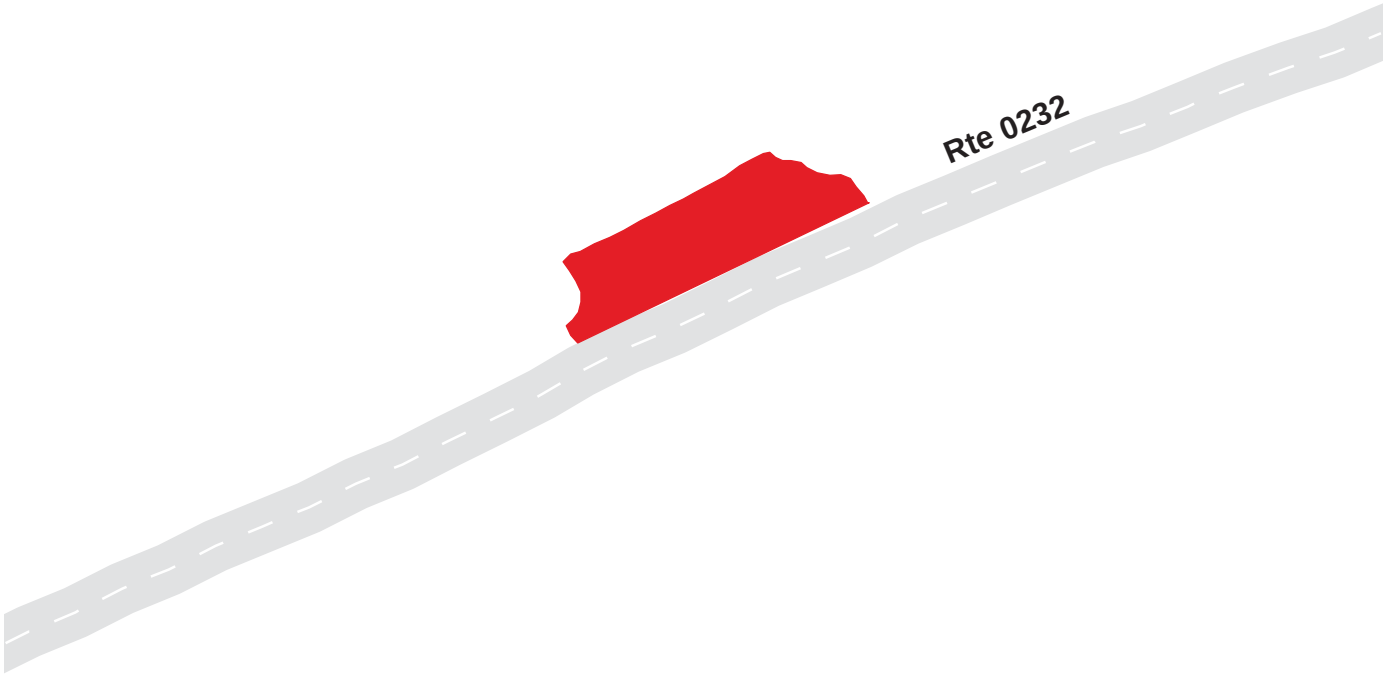
Cape Cod National Seashore
Route 0937C

NTAFS ACCESS ROAD C PARKING

Adjacent to Route 0232 at MP 0.12 on Left

Route	Public / NonPublic	Date Visited	Area (sq ft)	Lane Miles *	Surface Type	Condition / PCR
0937C	NonPublic	10/8/2001	2264	0.04	OC	POOR / 45

* Lane miles are based on 11' lane widths



100 50 0 100 Feet

N

Cape Cod National Seashore
Route 0938
AIR FORCE MAINTENANCE AREA
From Route 0232

Route	Public / NonPublic	Date Visited	Area (sq ft)	Lane Miles *	Surface Type	Condition / PCR
0938	NonPublic	10/8/2001	38399	0.66	OC	POOR / 45

* Lane miles are based on 11' lane widths

200 100 0 200
Feet

N

Cape Cod National Seashore
Route 0939A

NTAFS FUEL HOUSE ROAD A PARKING

Adjacent to Route 0233 on Right

Route	Public / NonPublic	Date Visited	Area (sq ft)	Lane Miles *	Surface Type	Condition / PCR
0939A	NonPublic	10/8/2001	3125	0.05	OC	POOR / 45

* Lane miles are based on 11' lane widths

100 50 0 100

Feet

N

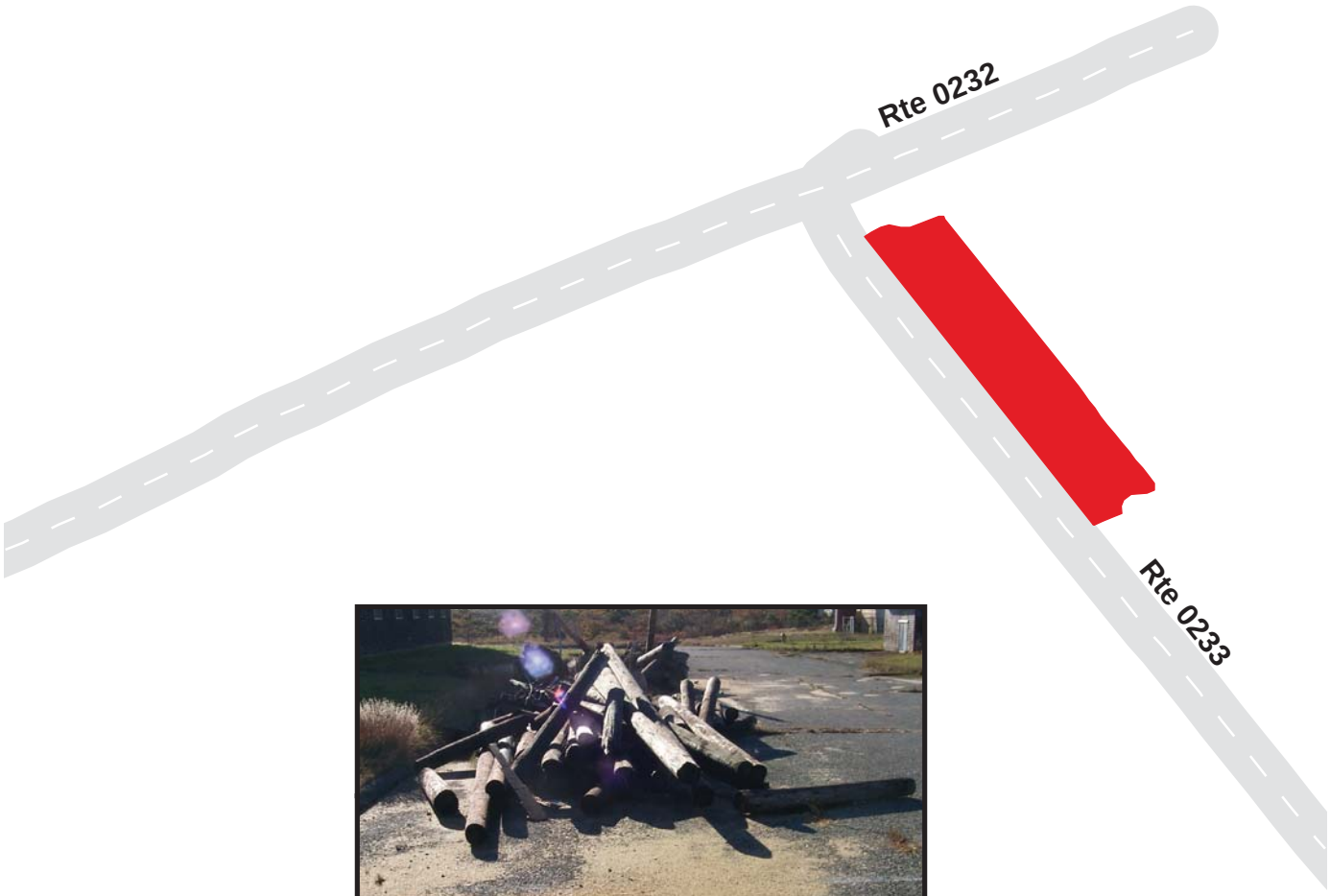
Cape Cod National Seashore
Route 0939B

NTAFS FUEL HOUSE ROAD B PARKING

Adjacent to Route 0233 on Left

Route	Public / NonPublic	Date Visited	Area (sq ft)	Lane Miles *	Surface Type	Condition / PCR
0939B	NonPublic	10/8/2001	4100	0.07	OC	POOR / 45

* Lane miles are based on 11' lane widths



100 50 0 100 Feet

N

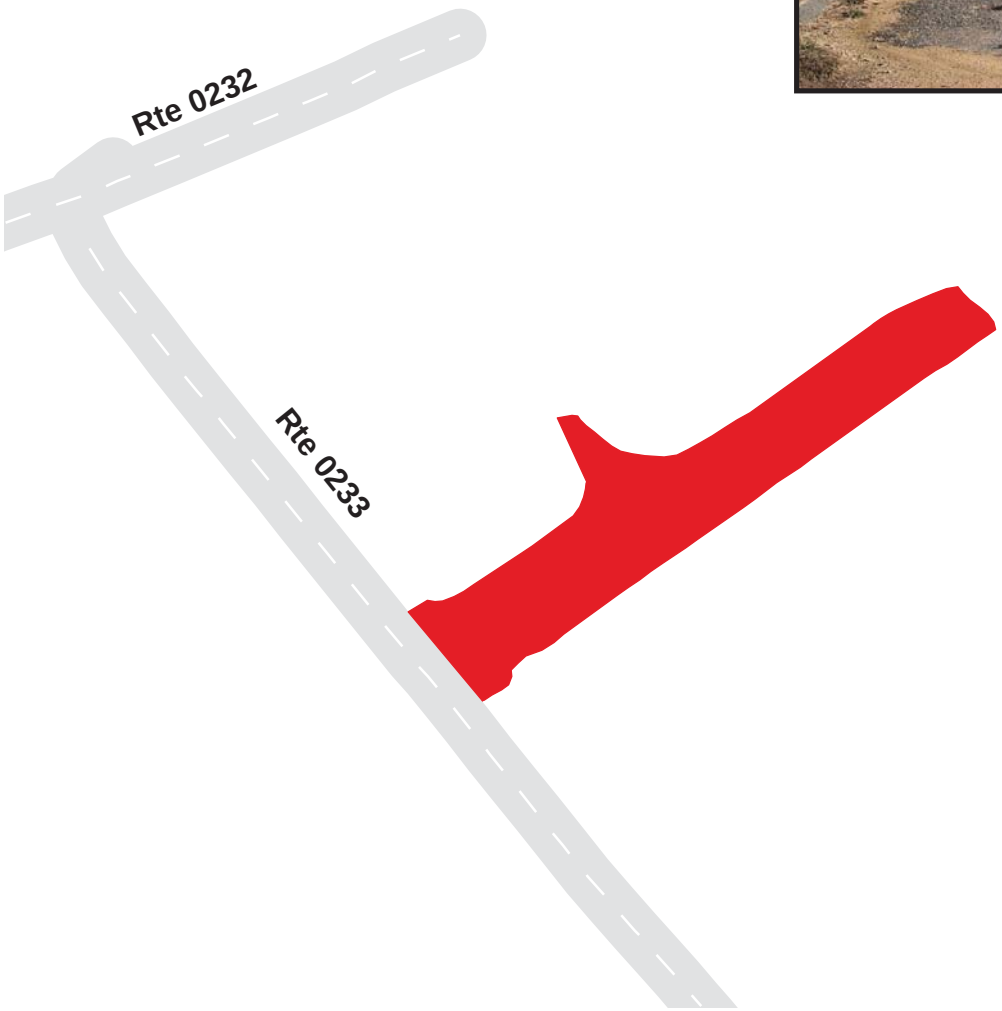
Cape Cod National Seashore
Route 0939C

NTAFS FUEL HOUSE ROAD C PARKING

From Route 0233 on Left

Route	Public / NonPublic	Date Visited	Area (sq ft)	Lane Miles *	Surface Type	Condition / PCR
0939C	NonPublic	10/8/2001	8007	0.14	OC	POOR / 45

* Lane miles are based on 11' lane widths



100 50 0 100 Feet

N

Cape Cod National Seashore
Route 0940
HEAT PLANT PARKING
Adjacent to Route 0227 and Route 0233

Route	Public / NonPublic	Date Visited	Area (sq ft)	Lane Miles *	Surface Type	Condition / PCR
0940	NonPublic	10/8/2001	6832	0.12	OC	POOR / 45

* Lane miles are based on 11' lane widths

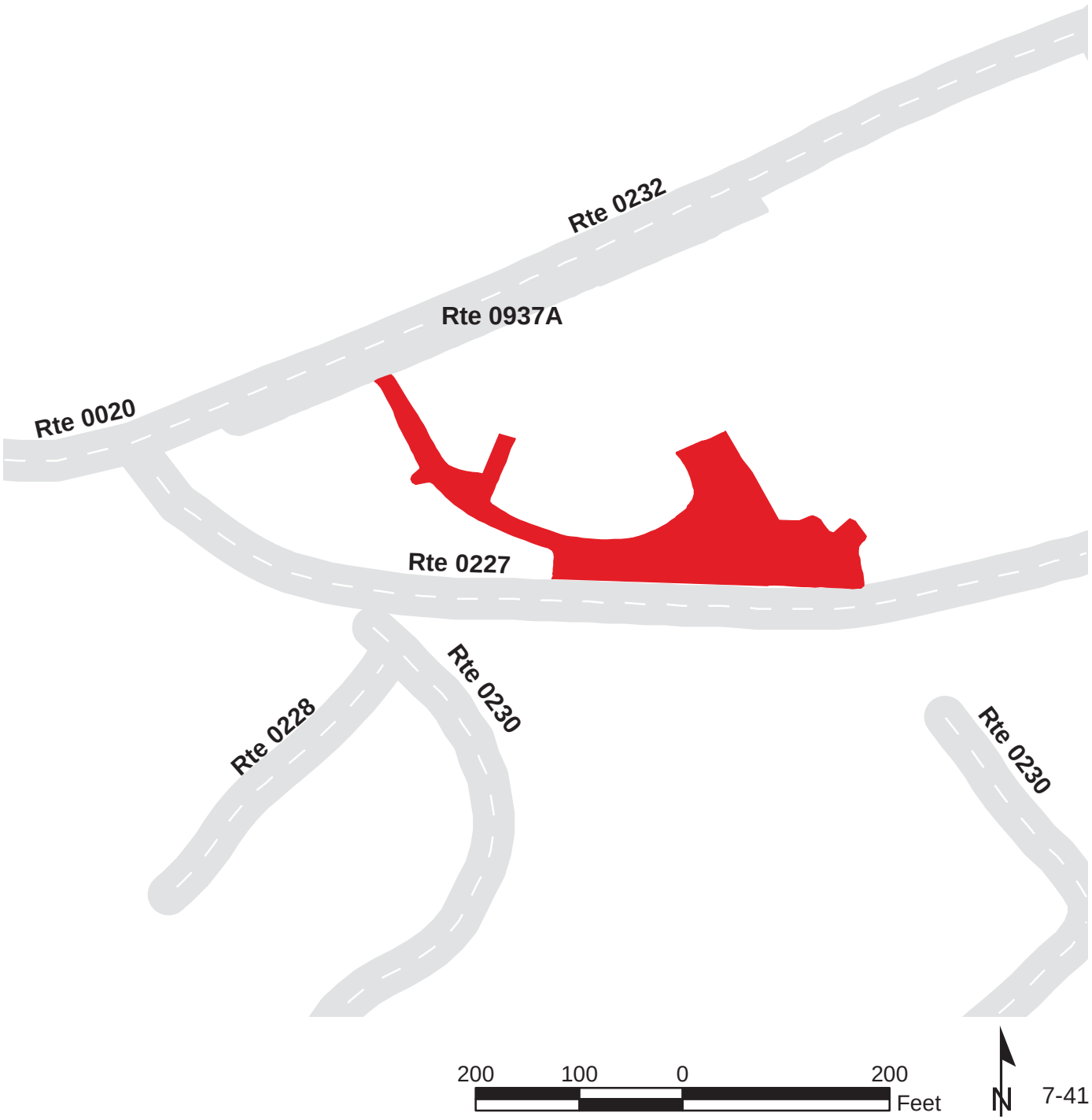
100 50 0 100 Feet

N

Cape Cod National Seashore
Route 0941
WATER PLANT PARKING
Adjacent to Route 0227

Route	Public / NonPublic	Date Visited	Area (sq ft)	Lane Miles *	Surface Type	Condition / PCR
0941	NonPublic	10/8/2001	20673	0.36	AS	POOR / 45

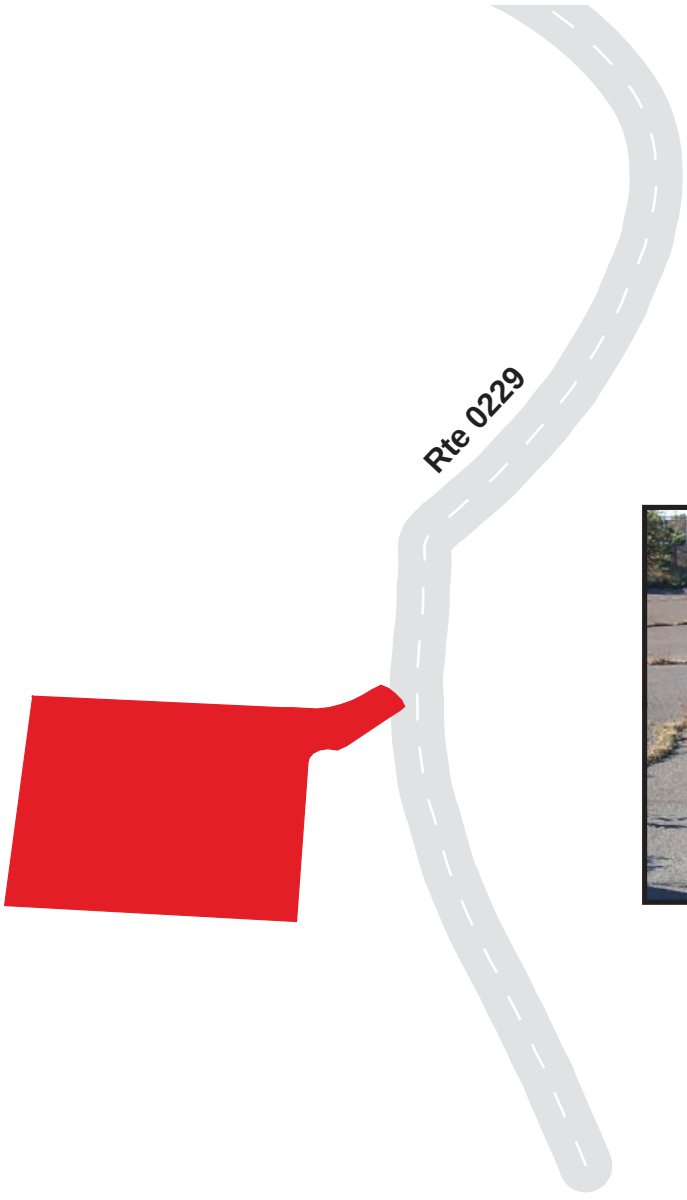
* Lane miles are based on 11' lane widths



Cape Cod National Seashore
Route 0942
NTAFS HELIPAD
Adjacent to Route 0229

Route	Public / NonPublic	Date Visited	Area (sq ft)	Lane Miles *	Surface Type	Condition / PCR
0942	NonPublic	10/8/2001	13205	0.23	AS	POOR / 45

* Lane miles are based on 11' lane widths



150 75 0 150
Feet

N

Cape Cod National Seashore
Route 0943
SEWAGE TREATMENT PARKING
From Route 0942

Route	Public / NonPublic	Date Visited	Area (sq ft)	Lane Miles *	Surface Type	Condition / PCR
0943	NonPublic	10/8/2001	2433	0.04	OC	POOR / 45

* Lane miles are based on 11' lane widths

100 50 0 100
Feet

N

CACO: PARKWIDE MAINTENANCE FEATURES SUMMARY

FEATURE	PARK TOTAL	UNIT
BRIDGE	2	EACH
CATTLE GUARD	0	EACH
CULVERT	1	EACH
CURB	6,326	LINEAR FEET
DROP INLET	19	EACH
GUARD WALL	0	LINEAR FEET
GUARDRAIL	438	LINEAR FEET
INTERSECTION	230	EACH
LOW WATER CROSSING	0	EACH
OVERHEAD SIGN	0	EACH
PARK BOUNDARY	3	EACH
PAVED DITCH	0	LINEAR FEET
PULLOUT	2	EACH
RAILROAD CROSSING	0	EACH
RETAINING WALL	0	EACH
STATE BOUNDARY	0	EACH
TRAFFIC LIGHT	5	EACH
TUNNEL	0	EACH
TURNOUT	0	LINEAR FEET

CACO: ROUTE MAINTENANCE FEATURES SUMMARY

FEATURE	ROUTE 0010 DOANE ROAD	ROUTE 0011 CABLE ROAD	ROUTE 0012 MARCONI BEACH ROAD	ROUTE 0013 MARCONI SITE ROAD	ROUTE 0014 RACE POINT ROAD	ROUTE 0015 PROVINCE LANDS ROAD	UNIT
BRIDGE	0	0	0	0	0	2	EACH
CATTLE GUARD	0	0	0	0	0	0	EACH
CULVERT	0	0	0	0	0	0	EACH
CURB	0	121	1,299	0	317	269	LINEAR FEET
DROP INLET	0	0	0	0	0	1	EACH
GUARD WALL	0	0	0	0	0	0	LINEAR FEET
GUARDRAIL	0	0	0	0	0	296	LINEAR FEET
INTERSECTION	17	14	6	8	19	12	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	1	0	EACH
PAVED DITCH	0	0	0	0	0	0	LINEAR FEET
PULLOUT	0	0	0	1	0	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	1	EACH
TUNNEL	0	0	0	0	0	0	EACH
TURNOUT	0	0	0	0	0	0	LINEAR FEET

CACO: ROUTE MAINTENANCE FEATURES SUMMARY

FEATURE	ROUTE 0017 MOORS ROAD	ROUTE 0018 STATE ROUTE 6	ROUTE 0019 NAUSET ROAD	ROUTE 0020 OLD DEWLINE ROAD	ROUTE 0200 FORT HILL AREA ROAD	ROUTE 0201 DOANE ROCK PICNIC AREA ROAD	UNIT
BRIDGE	0	0	0	0	0	0	EACH
CATTLE GUARD	0	0	0	0	0	0	EACH
CULVERT	0	0	1	0	0	0	EACH
CURB	84	0	443	201	0	69	LINEAR FEET
DROP INLET	0	8	7	0	0	0	EACH
GUARD WALL	0	0	0	0	0	0	LINEAR FEET
GUARDRAIL	143	0	0	0	0	0	LINEAR FEET
INTERSECTION	4	0	74	7	6	5	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	1	0	EACH
PAVED DITCH	0	0	0	0	0	0	LINEAR FEET
PULLOUT	0	0	0	0	0	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	4	0	0	0	EACH
TUNNEL	0	0	0	0	0	0	EACH
TURNOUT	0	0	0	0	0	0	LINEAR FEET

CACO: ROUTE MAINTENANCE FEATURES SUMMARY

FEATURE	ROUTE 0204 MARCONI EMPLOYEE PARKING ROAD	ROUTE 0205 HEAD OF THE MEADOW BEACH ROAD	ROUTE 0206 PILGRIM HEIGHTS ROAD	ROUTE 0209 RACE POINT COAST GUARD STATION ROAD	ROUTE 0211 NAUSET LIGHT BEACH ACCESS ROAD	ROUTE 0223 MACPHERSON WAY	UNIT
BRIDGE	0	0	0	0	0	0	EACH
CATTLE GUARD	0	0	0	0	0	0	EACH
CULVERT	0	0	0	0	0	0	EACH
CURB	0	0	58	0	26	0	LINEAR FEET
DROP INLET	0	0	0	0	0	0	EACH
GUARD WALL	0	0	0	0	0	0	LINEAR FEET
GUARDRAIL	0	0	0	0	0	0	LINEAR FEET
INTERSECTION	3	2	11	5	3	2	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	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

CACO: ROUTE MAINTENANCE FEATURES SUMMARY

FEATURE	ROUTE 0225 COAST GUARD BEACH SHUTTLE BUS STOP	ROUTE 0227 NTAFS LANDING ROAD	ROUTE 0230 NTAFS RESIDENCE ACCESS ROAD	ROUTE 0230A NTAFS RESIDENCE STREET A	ROUTE 0230B NTAFS RESIDENCE STREET B	ROUTE 0231 NAC LABORATORY ACCESS ROAD	UNIT
BRIDGE	0	0	0	0	0	0	EACH
CATTLE GUARD	0	0	0	0	0	0	EACH
CULVERT	0	0	0	0	0	0	EACH
CURB	0	681	729	424	348	0	LINEAR FEET
DROP INLET	0	0	1	2	0	0	EACH
GUARD WALL	0	0	0	0	0	0	LINEAR FEET
GUARDRAIL	0	0	0	0	0	0	LINEAR FEET
INTERSECTION	0	3	6	1	1	4	EACH
LOW WATER CROSSING	0	0	0	0	0	0	EACH
OVERHEAD SIGN	0	0	0	0	0	0	EACH
PARK BOUNDARY	0	0	1	0	0	0	EACH
PAVED DITCH	0	0	0	0	0	0	LINEAR FEET
PULLOUT	0	0	0	0	0	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

CACO: ROUTE MAINTENANCE FEATURES SUMMARY

FEATURE	ROUTE 0232 NTAFS ACCESS ROAD	ROUTE 0402 MARCONI RESIDENCE ROAD	ROUTE 0403 MARCONI MAINTENANCE AREA ROAD	ROUTE 0407 PROVINCE LANDS RESIDENCE ROAD	UNIT
BRIDGE	0	0	0	0	EACH
CATTLE GUARD	0	0	0	0	EACH
CULVERT	0	0	0	0	EACH
CURB	1,257	0	0	0	LINEAR FEET
DROP INLET	0	0	0	0	EACH
GUARD WALL	0	0	0	0	LINEAR FEET
GUARDRAIL	0	0	0	0	LINEAR FEET
INTERSECTION	9	2	5	1	EACH
LOW WATER CROSSING	0	0	0	0	EACH
OVERHEAD SIGN	0	0	0	0	EACH
PARK BOUNDARY	0	0	0	0	EACH
PAVED DITCH	0	0	0	0	LINEAR FEET
PULLOUT	0	0	0	0	EACH
RAILROAD CROSSING	0	0	0	0	EACH
RETAINING WALL	0	0	0	0	EACH
STATE BOUNDARY	0	0	0	0	EACH
TRAFFIC LIGHT	0	0	0	0	EACH
TUNNEL	0	0	0	0	EACH
TURNOUT	0	0	0	0	LINEAR FEET

CACO: ROUTE MAINTENANCE FEATURES ROAD LOG

ROUTE 0010 : DOANE ROAD

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.000	0.000			ROUTE BEGINS AT NAUSET RD
0.003	0.003	INTERSECTION	LEFT	NAUSET RD
0.071	0.071	INTERSECTION	RIGHT	
0.301	0.301	INTERSECTION	RIGHT	RTE 202, TOMAHAW TRAIL
0.385	0.385	INTERSECTION	RIGHT	RTE 201, DOANE ROCK PICNIC AREA ROAD
0.406	0.406	INTERSECTION	LEFT	RTE 225, COAST GUARD BEACH SHUTTLE BUS STOP ACC
0.424	0.424	INTERSECTION	LEFT	RTE 406, COAST GUARD BEACH SHUTTLE BUS STOP ACC
0.501	0.501	INTERSECTION	RIGHT	
0.529	0.529	INTERSECTION	LEFT	
0.538	0.538	INTERSECTION	RIGHT	
0.541	0.541	INTERSECTION	RIGHT	
0.641	0.641	INTERSECTION	LEFT	
0.722	0.722	INTERSECTION	LEFT	
0.775	0.775	INTERSECTION	LEFT	
0.813	0.813	INTERSECTION	RIGHT	
0.825	0.825	INTERSECTION	LEFT	
0.917	0.917	INTERSECTION	RIGHT	
0.959	0.959	INTERSECTION	RIGHT	RTE 220, COAST GUARD BEACH SHUTTLE ACCESS ROAD
1.010	1.010			ROUTE ENDS AT OCEAN VIEW DRIVE

CACO: ROUTE MAINTENANCE FEATURES ROAD LOG

ROUTE 0011 : CABLE ROAD

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.000	0.000			ROUTE BEGINS AT RTE 019 @ MP 94
0.001	0.001	INTERSECTION	LEFT	RTE 019
0.086	0.086	INTERSECTION	LEFT	NAUSET REGIONAL HIGHSCHOOL
0.209	0.209	INTERSECTION	LEFT	NAUSET REGIONAL HUGHSCHOOL
0.578	0.578	INTERSECTION	LEFT	
0.645	0.645	INTERSECTION	LEFT	
0.655	0.655	INTERSECTION	RIGHT	
0.675	0.675	INTERSECTION	LEFT	
0.689	0.689	INTERSECTION	RIGHT	
0.706	0.706	INTERSECTION	LEFT	FIRE ROAD
0.750	0.750	INTERSECTION	RIGHT	OCEAN VIEW DRIVE
0.771	0.794	CURB	LEFT	
0.797	0.797	INTERSECTION	LEFT	END @ RTE 211
0.804	0.804	INTERSECTION	RIGHT	
0.923	0.923	INTERSECTION	LEFT	OCEAN VIEW DRIVE/RTE 211
0.924	0.924	INTERSECTION	RIGHT	OCEAN VIEW DRIVE/RTE 211
0.930	0.930			ROUTE ENDS AT OCEAN VIEW DRIVE/RTE 211

CACO: ROUTE MAINTENANCE FEATURES ROAD LOG

ROUTE 0012 : MARCONI BEACH ROAD

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.000	0.000			ROUTE BEGINS AT STATE ROUTE 6
0.006	0.006	INTERSECTION	LEFT	STATE ROUTE 6
0.122	0.122	INTERSECTION	LEFT	RTE 013, MARCONI SITE ROAD
0.562	0.562	INTERSECTION	RIGHT	FIRE ROAD
0.973	1.004	CURB	LEFT	
1.007	1.007	INTERSECTION	LEFT	
1.010	1.028	CURB	LEFT	
1.408	1.408	INTERSECTION	LEFT	END @ RTE 906
1.419	1.616	CURB	LEFT	
1.620	1.620			ROUTE ENDS AT RTE 906
1.631	1.631	INTERSECTION	LEFT	RTE 906

CACO: ROUTE MAINTENANCE FEATURES ROAD LOG

ROUTE 0013 : MARCONI SITE ROAD

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.000	0.000			ROUTE BEGINS AT RTE 012 @ MP 12
0.005	0.005	INTERSECTION	RIGHT	RTE 012
0.033	0.033	INTERSECTION	LEFT	RTE 403
0.128	0.128	INTERSECTION	LEFT	RTE 908
0.212	0.212	INTERSECTION	LEFT	RTE 908
0.273	0.273	INTERSECTION	RIGHT	RTE 401
0.513	0.513	INTERSECTION	RIGHT	
0.856	0.877	PULLOUT	LEFT	
0.970	0.970			ROUTE ENDS AT RTE 907
0.979	0.979	INTERSECTION	RIGHT	END @ RTE 907
0.983	0.983	INTERSECTION	LEFT	END @ RTE 907

CACO: ROUTE MAINTENANCE FEATURES ROAD LOG

ROUTE 0014 : RACE POINT ROAD

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.000	0.000			ROUTE BEGINS AT PARK BOUNDARY
0.000	0.000	PARK BOUNDARY	N/A	
0.073	0.073	INTERSECTION	RIGHT	RTE 407, PROVINCE LANDS RESIDENCE ROAD
0.120	0.120	INTERSECTION	LEFT	RTE 900, BEECH FOREST AREA PARKING
0.143	0.143	INTERSECTION	RIGHT	RTE 407, PROVINCE LANDS RESIDENCE ROAD
0.144	0.144	INTERSECTION	LEFT	RTE 900, BEECH FOREST AREA PARKING
0.973	0.973	INTERSECTION	RIGHT	
0.980	0.991	CURB	RIGHT	
0.992	0.992	INTERSECTION	RIGHT	RTE 901, PROVINCE LANDS VISITOR CENTER
1.000	1.000	INTERSECTION	RIGHT	
1.160	1.160	INTERSECTION	LEFT	RTE 015, PROVINCE LANDS ROAD
1.169	1.169	INTERSECTION	LEFT	RTE 015, PROVINCE LANDS ROAD
1.184	1.184	INTERSECTION	LEFT	PROVINCE LANDS ROAD (RT 015)
1.683	1.683	INTERSECTION	LEFT	RTE 902
1.759	1.759	INTERSECTION	LEFT	RTE 902
1.849	1.849	INTERSECTION	LEFT	RTE 902
1.851	1.851	INTERSECTION	RIGHT	RTE 902
1.867	1.888	CURB	LEFT	
1.902	1.902	INTERSECTION	LEFT	RTE 902
1.916	1.916	INTERSECTION	LEFT	RTE 902
1.934	1.962	CURB	RIGHT	
1.960	1.960			ROUTE ENDS AT RTE 902
1.966	1.966	INTERSECTION	LEFT	

CACO: ROUTE MAINTENANCE FEATURES ROAD LOG

ROUTE 0014 : RACE POINT ROAD

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
1.977	1.977	INTERSECTION	LEFT	RTE 902
1.978	1.978	INTERSECTION	RIGHT	RTE 902

CACO: ROUTE MAINTENANCE FEATURES ROAD LOG

ROUTE 0015 : PROVINCE LANDS ROAD

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.000	0.000			ROUTE BEGINS AT RTE 014 @ MP 121
0.004	0.008	CURB	RIGHT	
0.005	0.005	INTERSECTION	RIGHT	RTE 014
0.008	0.008	INTERSECTION	RIGHT	WITH CONNECTOR ROAD
0.018	0.018	INTERSECTION	LEFT	CONNECTOR ROAD
0.104	0.116	BRIDGE	N/A	
0.104	0.120	GUARDRAIL	LEFT	
0.106	0.120	GUARDRAIL	RIGHT	
0.402	0.402	INTERSECTION	RIGHT	PROVINCE LANDS ROAD PK (PK 904)
0.880	0.880	INTERSECTION	RIGHT	
0.922	0.932	BRIDGE	N/A	
0.922	0.933	GUARDRAIL	LEFT	
0.923	0.938	GUARDRAIL	RIGHT	
2.152	2.152	INTERSECTION	RIGHT	RTE 929
2.160	2.170	CURB	RIGHT	
2.166	2.166	DROP INLET	RIGHT	
2.180	2.180	INTERSECTION	RIGHT	RTE 929
2.184	2.191	CURB	RIGHT	
2.193	2.193	INTERSECTION	RIGHT	RTE 018
2.254	2.254	INTERSECTION	LEFT	RTE 018
2.268	2.290	CURB	LEFT	
2.278	2.278	INTERSECTION	RIGHT	
2.287	2.295	CURB	RIGHT	
2.290	2.290			ROUTE ENDS AT RTE 018
2.292	2.292	INTERSECTION	LEFT	
2.294	2.294	INTERSECTION	RIGHT	

CACO: ROUTE MAINTENANCE FEATURES ROAD LOG

ROUTE 0015 : PROVINCE LANDS ROAD

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
2.298	2.298	TRAFFIC LIGHT	RIGHT	

CACO: ROUTE MAINTENANCE FEATURES ROAD LOG

ROUTE 0017 : MOORS ROAD

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.000	0.000			ROUTE BEGINS AT RTE 015/SR 6 INTERSECTION
0.007	0.007	INTERSECTION	LEFT	RTE 015/SR 6
0.007	0.012	CURB	RIGHT	
0.008	0.008	INTERSECTION	RIGHT	RTE 015/SR 6
0.012	0.012	INTERSECTION	RIGHT	CONNECTOR WITH PROVINCE LANDS ROAD (RT 015)
0.182	0.182	INTERSECTION	LEFT	
0.774	0.785	CURB	LEFT	
0.906	0.933	GUARDRAIL	RIGHT	
0.930	0.930			ROUTE ENDS AT PARK BOUNDARY

CACO: ROUTE MAINTENANCE FEATURES ROAD LOG

ROUTE 0018 : STATE ROUTE 6

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.000	0.000			ROUTE BEGINS AT RTE 017/RTE 015 INTERSECT
0.086	0.086	DROP INLET	LEFT	
0.090	0.090	DROP INLET	RIGHT	
0.160	0.160	DROP INLET	LEFT	
0.165	0.165	DROP INLET	RIGHT	
0.236	0.236	DROP INLET	LEFT	
0.240	0.240	DROP INLET	RIGHT	
0.304	0.304	DROP INLET	LEFT	
0.307	0.307	DROP INLET	RIGHT	
0.350	0.350			ROUTE ENDS AT PARK BOUNDARY

CACO: ROUTE MAINTENANCE FEATURES ROAD LOG

ROUTE 0019 : NAUSET ROAD

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.000	0.000			ROUTE BEGINS AT SR 6 EAST PAST RTE 010 IN
0.000	0.000	TRAFFIC LIGHT	RIGHT	
0.006	0.006	INTERSECTION	LEFT	SR 6 EAST
0.008	0.014	CURB	RIGHT	
0.016	0.016	INTERSECTION	LEFT	
0.045	0.045	INTERSECTION	RIGHT	
0.061	0.061	INTERSECTION	LEFT	
0.061	0.061	INTERSECTION	RIGHT	
0.093	0.093	INTERSECTION	RIGHT	
0.098	0.098	INTERSECTION	LEFT	
0.115	0.115	INTERSECTION	LEFT	
0.117	0.117	INTERSECTION	RIGHT	RAIL ROAD AVE
0.125	0.125	INTERSECTION	LEFT	
0.148	0.148	INTERSECTION	LEFT	
0.179	0.179	INTERSECTION	RIGHT	
0.194	0.194	INTERSECTION	LEFT	OAK LEAF ROAD
0.269	0.269	INTERSECTION	RIGHT	HELM ROAD
0.287	0.287	INTERSECTION	LEFT	SQUANTO ROAD
0.312	0.312	INTERSECTION	LEFT	
0.323	0.323	INTERSECTION	LEFT	
0.347	0.347	INTERSECTION	RIGHT	
0.361	0.361	INTERSECTION	LEFT	
0.377	0.377	INTERSECTION	RIGHT	
0.396	0.396	INTERSECTION	LEFT	WONDERSTRAND WAY
0.408	0.408	INTERSECTION	RIGHT	
0.486	0.486	INTERSECTION	RIGHT	OLD ORCHARD
0.500	0.500	INTERSECTION	LEFT	

CACO: ROUTE MAINTENANCE FEATURES ROAD LOG

ROUTE 0019 : NAUSET ROAD

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.646	0.646	INTERSECTION	LEFT	AQUINNAH ROAD
0.651	0.651	DROP INLET	RIGHT	
0.681	0.681	INTERSECTION	RIGHT	FARM VIEW LANE
0.699	0.699	INTERSECTION	LEFT	QUEEN ANN DRIVE
0.755	0.755	INTERSECTION	LEFT	
0.770	0.770	INTERSECTION	LEFT	
0.773	0.773	INTERSECTION	LEFT	QUEEN ANN DRIVE
0.776	0.776	INTERSECTION	RIGHT	
0.796	0.796	INTERSECTION	RIGHT	
0.845	0.845	INTERSECTION	RIGHT	LIGHT HOUSE LANE
0.879	0.879	DROP INLET	RIGHT	
0.885	0.885	INTERSECTION	LEFT	
0.888	0.888	INTERSECTION	RIGHT	
0.907	0.907	DROP INLET	RIGHT	
0.922	0.922	INTERSECTION	LEFT	
0.924	0.924	DROP INLET	RIGHT	
0.925	0.925	INTERSECTION	RIGHT	
0.936	0.936	INTERSECTION	LEFT	CABLE ROAD (RT 011)
1.038	1.038	DROP INLET	RIGHT	
1.070	1.070	DROP INLET	RIGHT	
1.100	1.100	INTERSECTION	RIGHT	BRACKETT ROAD
1.193	1.193	INTERSECTION	LEFT	
1.280	1.280	INTERSECTION	RIGHT	STEWARD WAY
1.288	1.288	INTERSECTION	LEFT	
1.364	1.364	INTERSECTION	RIGHT	SCHOOL HOUSE ROAD
1.486	1.486	INTERSECTION	RIGHT	DEXTER ROAD
1.487	1.487	DROP INLET	RIGHT	

CACO: ROUTE MAINTENANCE FEATURES ROAD LOG

ROUTE 0019 : NAUSET ROAD

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
1.567	1.567	INTERSECTION	RIGHT	SEA SIADE DRIVE
1.643	1.643	INTERSECTION	RIGHT	THORNE ROAD
1.695	1.695	INTERSECTION	LEFT	NAUSETT RANGER STATION PARKING
1.722	1.722	INTERSECTION	RIGHT	CHESTER AVE
1.871	1.871	INTERSECTION	RIGHT	FOREST AVE
2.014	2.014	INTERSECTION	LEFT	MACPHERSON WAY (RT 223)
2.015	2.015	INTERSECTION	RIGHT	
2.063	2.063	INTERSECTION	LEFT	
2.194	2.194	INTERSECTION	LEFT	
2.213	2.213	INTERSECTION	RIGHT	RTE 010
2.215	2.215	INTERSECTION	LEFT	
2.227	2.227	INTERSECTION	LEFT	
2.250	2.250	INTERSECTION	LEFT	
2.306	2.306	INTERSECTION	RIGHT	
2.318	2.318	INTERSECTION	RIGHT	
2.410	2.410	INTERSECTION	RIGHT	
2.423	2.423	INTERSECTION	LEFT	
2.425	2.425	INTERSECTION	RIGHT	
2.494	2.494	CULVERT	N/A	
2.535	2.535	INTERSECTION	LEFT	
2.649	2.649	INTERSECTION	LEFT	
2.659	2.672	CURB	LEFT	
2.672	2.672	INTERSECTION	LEFT	
2.787	2.787	INTERSECTION	RIGHT	
2.788	2.788	INTERSECTION	LEFT	
2.797	2.807	CURB	LEFT	
2.808	2.808	INTERSECTION	LEFT	

CACO: ROUTE MAINTENANCE FEATURES ROAD LOG

ROUTE 0019 : NAUSET ROAD

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
2.827	2.827	INTERSECTION	LEFT	
2.841	2.841	INTERSECTION	RIGHT	
2.842	2.842	INTERSECTION	LEFT	
2.842	2.880	CURB	LEFT	
2.844	2.844	TRAFFIC LIGHT	LEFT	
2.852	2.852	INTERSECTION	RIGHT	
2.865	2.882	CURB	RIGHT	
2.879	2.879	INTERSECTION	LEFT	SR 6 WEST
2.880	2.880			ROUTE ENDS AT SR 6 WEST
2.884	2.884	INTERSECTION	RIGHT	SR 6 WEST
2.889	2.889	TRAFFIC LIGHT	RIGHT	
2.893	2.893	TRAFFIC LIGHT	LEFT	

CACO: ROUTE MAINTENANCE FEATURES ROAD LOG

ROUTE 0020 : OLD DEWLINE ROAD

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.000	0.000			ROUTE BEGINS AT SOUTH HIGHLANDS ROAD (TOW
0.007	0.007	INTERSECTION	RIGHT	SOUTH HIGHLANDS ROAD
0.159	0.159	INTERSECTION	LEFT	
0.283	0.283	INTERSECTION	RIGHT	UNPAVED ROAD
0.479	0.479	INTERSECTION	LEFT	RTE 231 NAC LABORATORY ACCESS ROAD
0.494	0.494	INTERSECTION	LEFT	RTE 935B, OLD DEWLINE ROAD PARKING
0.495	0.525	CURB	RIGHT	
0.496	0.504	CURB	LEFT	
0.504	0.504	INTERSECTION	RIGHT	RTE 935A, OLD DEWLINE ROAD PARKING
0.525	0.525	INTERSECTION	RIGHT	RTE 232
0.530	0.530			ROUTE ENDS AT RTE 232

CACO: ROUTE MAINTENANCE FEATURES ROAD LOG

ROUTE 0200 : FORT HILL AREA ROAD

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.000	0.000			ROUTE BEGINS AT TOWN ROAD
0.001	0.001	PARK BOUNDARY	N/A	
0.005	0.005	INTERSECTION	RIGHT	TOWN ROAD
0.017	0.017	INTERSECTION	RIGHT	
0.076	0.076	INTERSECTION	LEFT	
0.113	0.113	INTERSECTION	LEFT	RTE 916, FORT HILL TRAILHEAD PARKING
0.290	0.290			ROUTE ENDS AT RTE 915
0.300	0.300	INTERSECTION	LEFT	RTE 915
0.300	0.300	INTERSECTION	RIGHT	RTE 915

CACO: ROUTE MAINTENANCE FEATURES ROAD LOG

ROUTE 0201 : DOANE ROCK PICNIC AREA ROAD

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.000	0.000			ROUTE BEGINS AT RTE 010 @ MP 105
0.004	0.004	INTERSECTION	LEFT	RTE 010
0.026	0.027	CURB	LEFT	
0.032	0.032	INTERSECTION	LEFT	RTE 911A, DOANE ROCK PICNIC AREA PARKING
0.040	0.052	CURB	LEFT	
0.055	0.055	INTERSECTION	LEFT	RTE 911A, DOANE ROCK PICNIC AREA PARKING
0.093	0.093	INTERSECTION	RIGHT	
0.130	0.130			ROUTE ENDS AT RTE 911
0.130	0.130	INTERSECTION	RIGHT	DOANE ROCK PICNIC AREA PARKING (RTE 911B)

CACO: ROUTE MAINTENANCE FEATURES ROAD LOG

ROUTE 0204 : MARCONI EMPLOYEE PARKING ROAD

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.000	0.000			ROUTE BEGINS AT RTE 403 @ MP 04
0.001	0.001	INTERSECTION	LEFT	RTE 403
0.122	0.122	INTERSECTION	LEFT	OLD VEHICLE STORAGE AREA (PK 918)
0.152	0.152	INTERSECTION	RIGHT	PARK HEADQUATERS EMPLOYEE PARKING (PK 917)
0.170	0.170			ROUTE ENDS AT RTE 926

CACO: ROUTE MAINTENANCE FEATURES ROAD LOG

ROUTE 0205 : HEAD OF THE MEADOW BEACH ROAD

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.000	0.000			ROUTE BEGINS AT TOWN ROAD
0.017	0.017	INTERSECTION	RIGHT	RTE 929, PROVINCE LANDS MAINTENANCE PK
0.120	0.120			ROUTE ENDS AT RTE 927
0.129	0.129	INTERSECTION	LEFT	W/Y IN ROAD

CACO: ROUTE MAINTENANCE FEATURES ROAD LOG

ROUTE 0206 : PILGRIM HEIGHTS ROAD

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.000	0.000			ROUTE BEGINS AT SR 6
0.001	0.001	INTERSECTION	RIGHT	SR 6
0.011	0.022	CURB	LEFT	
0.041	0.041	INTERSECTION	RIGHT	CONNECTOR ROAD
0.213	0.213	INTERSECTION	RIGHT	WITH SELF (RTE 206 END OF LOOP)
0.224	0.224	INTERSECTION	RIGHT	WITH SELF (RTE 206 END OF LOOP)
0.459	0.459	INTERSECTION	LEFT	PILGRIM HEIGHTS PICNIC AREA PARKING (PK 905)
0.464	0.464	INTERSECTION	RIGHT	PILGRIM HEIGHTS PICNIC AREA PARKING (PK 905)
0.647	0.647	INTERSECTION	LEFT	PILGRIM HEIGHTS PICNIC AREA PARKING (PK 905)
0.648	0.648	INTERSECTION	RIGHT	PILGRIM HEIGHTS PICNIC AREA PARKING (PK 905)
0.866	0.866	INTERSECTION	RIGHT	
0.870	0.870			ROUTE ENDS AT RTE 905
0.876	0.876	INTERSECTION	LEFT	RTE 905
0.879	0.879	INTERSECTION	RIGHT	RTE 905

CACO: ROUTE MAINTENANCE FEATURES ROAD LOG

ROUTE 0209 : RACE POINT COAST GUARD STATION ROAD

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.000	0.000			ROUTE BEGINS AT RTE 014 @ M|P 191
0.003	0.003	INTERSECTION	RIGHT	RTE 014
0.010	0.010	INTERSECTION	LEFT	
0.069	0.069	INTERSECTION	RIGHT	RTE 903, RACE POINT AIR STATION PARKING
0.150	0.150			ROUTE ENDS AT RTE 928
0.152	0.152	INTERSECTION	LEFT	END @ RTE 928
0.157	0.157	INTERSECTION	RIGHT	END @ RTE 928

CACO: ROUTE MAINTENANCE FEATURES ROAD LOG

ROUTE 0211 : NAUSET LIGHT BEACH ACCESS ROAD

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.000	0.000			ROUTE BEGINS AT OCEAN VIEW DRIVE/RTE 011
0.037	0.040	CURB	LEFT	
0.046	0.060	PULLOUT	LEFT	
0.060	0.060			ROUTE ENDS AT RTE 912
0.062	0.062	INTERSECTION	LEFT	
0.065	0.067	CURB	LEFT	
0.072	0.072	INTERSECTION	LEFT	END @ RTE 912
0.075	0.075	INTERSECTION	RIGHT	END @ RTE 912

CACO: ROUTE MAINTENANCE FEATURES ROAD LOG

ROUTE 0223 : MACPHERSON WAY

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.000	0.000			ROUTE BEGINS AT RTE 019 @ MP 201
0.002	0.002	INTERSECTION	LEFT	RTE 019
0.025	0.025	INTERSECTION	LEFT	
0.140	0.140			ROUTE ENDS AT END

CACO: ROUTE MAINTENANCE FEATURES ROAD LOG

ROUTE 0225 : COAST GUARD BEACH SHUTTLE BUS STOP

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
		NO MAINTENANCE FEATURES IN ROUTE.		
0.000	0.000			ROUTE BEGINS AT RTE 010 @ MP 107
0.000	0.000			ROUTE ENDS AT RTE 914

CACO: ROUTE MAINTENANCE FEATURES ROAD LOG

ROUTE 0227 : NTAFS LANDING ROAD

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.000	0.000			ROUTE BEGINS AT END OF RTE 020
0.042	0.103	CURB	RIGHT	
0.105	0.105	INTERSECTION	RIGHT	RTE 230, RESIDENCE LOOP ROAD
0.114	0.146	CURB	RIGHT	
0.149	0.185	CURB	RIGHT	
0.182	0.182	INTERSECTION	LEFT	RTE 940
0.186	0.186	INTERSECTION	RIGHT	RTE 229
0.190	0.190			ROUTE ENDS AT END (RETURNING TO NATURE)

CACO: ROUTE MAINTENANCE FEATURES ROAD LOG

ROUTE 0230 : NTAFS RESIDENCE ACCESS ROAD

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.000	0.000			ROUTE BEGINS AT RTE 227 @ MP 04
0.009	0.009	INTERSECTION	RIGHT	WELL RD (RTE 228)
0.170	0.170	INTERSECTION	RIGHT	FIRE ROAD
0.199	0.206	CURB	LEFT	
0.201	0.210	CURB	RIGHT	
0.211	0.212	CURB	LEFT	
0.213	0.215	CURB	RIGHT	
0.214	0.243	CURB	LEFT	
0.219	0.243	CURB	RIGHT	
0.244	0.248	CURB	LEFT	
0.247	0.277	CURB	RIGHT	
0.250	0.274	CURB	LEFT	
0.272	0.272	DROP INLET	RIGHT	
0.278	0.278	INTERSECTION	RIGHT	RESIDENCE COURT (RT 230A)
0.280	0.280	PARK BOUNDARY	N/A	
0.288	0.288	INTERSECTION	RIGHT	RESIDENCE COURT (RT 230A)
0.332	0.340	CURB	LEFT	
0.340	0.340			ROUTE ENDS AT RTE 227 @ MP 11
0.344	0.344	INTERSECTION	RIGHT	RTE 227
0.345	0.345	INTERSECTION	LEFT	RTE 227

CACO: ROUTE MAINTENANCE FEATURES ROAD LOG

ROUTE 0230A : NTAFS RESIDENCE STREET A

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.000	0.000			ROUTE BEGINS AT RTE 230 @ MP 29
0.006	0.035	CURB	RIGHT	
0.007	0.021	CURB	LEFT	
0.010	0.010	DROP INLET	LEFT	
0.013	0.013	DROP INLET	RIGHT	
0.025	0.028	CURB	LEFT	
0.031	0.044	CURB	LEFT	
0.039	0.041	CURB	RIGHT	
0.045	0.052	CURB	RIGHT	
0.048	0.060	CURB	LEFT	
0.050	0.050			ROUTE ENDS AT DEAD END
0.055	0.055	INTERSECTION	RIGHT	

CACO: ROUTE MAINTENANCE FEATURES ROAD LOG

ROUTE 0230B : NTAFS RESIDENCE STREET B

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.000	0.000			ROUTE BEGINS AT RTE 230 @ MP 29
0.000	0.042	CURB	RIGHT	
0.006	0.006	INTERSECTION	LEFT	RTE 230
0.014	0.027	CURB	LEFT	
0.029	0.040	CURB	LEFT	
0.050	0.050			ROUTE ENDS AT CUL DE SAC

CACO: ROUTE MAINTENANCE FEATURES ROAD LOG

ROUTE 0231 : NAC LABORATORY ACCESS ROAD

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.000	0.000			ROUTE BEGINS AT 020 @ MP 48
0.001	0.001	INTERSECTION	RIGHT	ROUTE 020
0.096	0.096	INTERSECTION	RIGHT	END @ RTE 922
0.101	0.101	INTERSECTION	RIGHT	RTE 935B, OLD DEWLINE ROAD PARKING
0.119	0.119	INTERSECTION	LEFT	END @ RTE 922
0.120	0.120			ROUTE ENDS AT RTE 922

CACO: ROUTE MAINTENANCE FEATURES ROAD LOG

ROUTE 0232 : NTAFS ACCESS ROAD

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.000	0.000			ROUTE BEGINS AT END OF RTE 020
0.005	0.005	INTERSECTION	RIGHT	RTE 020
0.031	0.031	INTERSECTION	RIGHT	RTE 937A, NTAFS ACCESS ROAD PARKING
0.033	0.036	CURB	RIGHT	
0.038	0.046	CURB	RIGHT	
0.038	0.132	CURB	LEFT	
0.049	0.065	CURB	RIGHT	
0.054	0.054	INTERSECTION	RIGHT	
0.061	0.061	INTERSECTION	LEFT	RTE 937B, NTAFS ACCESS ROAD PARKING
0.067	0.101	CURB	RIGHT	
0.086	0.086	INTERSECTION	RIGHT	
0.104	0.125	CURB	RIGHT	
0.124	0.124	INTERSECTION	LEFT	RTE 937C, NTAFS ACCESS ROAD PARKING
0.128	0.135	CURB	RIGHT	
0.139	0.139	INTERSECTION	LEFT	RTE 938, AIR FORCE MAINTENANCE
0.146	0.151	CURB	LEFT	
0.147	0.153	CURB	RIGHT	
0.155	0.163	CURB	LEFT	
0.157	0.157	INTERSECTION	LEFT	RTE 938
0.158	0.158	INTERSECTION	RIGHT	RTE 233, FUEL HOUSE RD
0.162	0.165	CURB	RIGHT	
0.167	0.178	CURB	RIGHT	
0.169	0.174	CURB	LEFT	
0.180	0.185	CURB	RIGHT	
0.186	0.198	CURB	RIGHT	

CACO: ROUTE MAINTENANCE FEATURES ROAD LOG

ROUTE 0232 : NTAFS ACCESS ROAD

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.190	0.190			ROUTE ENDS AT PAVEMENT CHANGE AT FAA AC

CACO: ROUTE MAINTENANCE FEATURES ROAD LOG

ROUTE 0402 : MARCONI RESIDENCE ROAD

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.000	0.000			ROUTE BEGINS AT RTE 403 @ MP 07
0.005	0.005	INTERSECTION	RIGHT	RTE 403
0.059	0.059	INTERSECTION	RIGHT	RTE 204, MARCONI EMPLOYEE PARKING ROAD
0.130	0.130			ROUTE ENDS AT END OF PAVEMENT

CACO: ROUTE MAINTENANCE FEATURES ROAD LOG

ROUTE 0403 : MARCONI MAINTENANCE AREA ROAD

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.000	0.000			ROUTE BEGINS AT RTE 013
0.002	0.002	INTERSECTION	LEFT	RTE 013
0.039	0.039	INTERSECTION	RIGHT	RTE 204, MARCONI EMPLOYEE PARKING ROAD
0.066	0.066	INTERSECTION	LEFT	RTE 402, MARCONI RESIDENCE ROAD
0.094	0.094	INTERSECTION	LEFT	RTE 909, MARCONI MAINTENANCE AREA
0.120	0.120			ROUTE ENDS AT RTE 909
0.134	0.134	INTERSECTION	RIGHT	RTE 909, MARCONI MAINTENANCE AREA

CACO: ROUTE MAINTENANCE FEATURES ROAD LOG

ROUTE 0407 : PROVINCE LANDS RESIDENCE ROAD

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.000	0.000			ROUTE BEGINS AT RTE 014 @ MP 16
0.000	0.000			ROUTE ENDS AT END
0.006	0.006	INTERSECTION	RIGHT	RTE 014

APPENDIX A: GLOSSARY OF TERMS AND ABBREVIATIONS

TERM OR ABBREVIATION	DESCRIPTION OR DEFINITION
1730	Numeric Code for Cape Cod National Seashore
AADT	Annually Adjusted Daily Traffic. Average daily traffic adjusted for the term period comprising 80% of annual visitation
CACO	Alpha Code for Cape Cod National Seashore
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
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 3 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

caco_mi

Metadata also available as

Metadata:

Identification_Information:
Citation:
Citation_Information:
Originator: The TSR Group
Publication_Date: 2005
Title: caco_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: -70.221848
East_Bounding_Coordinate: -69.948227
North_Bounding_Coordinate: 42.079163
South_Bounding_Coordinate: 41.818489
Keywords:
Theme:
Theme_Keyword_Thesaurus: CACO
Theme_Keyword: CACO

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: 31

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: caco_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: CACO_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: CACO_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
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: 20051031
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 Mon Oct 31 13:08:50 2005

caco_mi_pt

Metadata also available as

Metadata:

Identification_Information:
Citation:
Citation_Information:
Originator: The TSR Group
Publication_Date: 2005
Title: caco_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: -70.219475
East_Bounding_Coordinate: -69.948225
North_Bounding_Coordinate: 42.078003
South_Bounding_Coordinate: 41.818619
Keywords:
Theme:
Theme_Keyword_Thesaurus: CACO
Theme_Keyword: CACO
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: 33

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: caco_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: 20051031
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 Mon Oct 31 13:08:35 2005

caco_mrl_03_map

Metadata also available as

Metadata:

Identification_Information:
Citation:
Citation_Information:
Originator: Eastern Federal Lands Highway Division
Publication_Date: Published Materials
Title: caco_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: 10/3/1999
Currentness_Reference: ground condition
Status:
Progress: Complete
Maintenance_and_Update_Frequency: As per RIP cycle
Spatial_Domain:
Bounding_Coordinates:
West_Bounding_Coordinate: -70.192534
East_Bounding_Coordinate: -69.955988
North_Bounding_Coordinate: 42.066227
South_Bounding_Coordinate: 41.836654
Keywords:
Theme:
Theme_Keyword_Thesaurus: CACO
Theme_Keyword: CACO
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: 7

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: caco_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: SECTION_
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: COMMENT
Attribute_Definition: Field comment
Attribute:

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

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

Metadata_Reference_Information:
Metadata_Date: 20051031
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 Mon Oct 31 13:10:18 2005

caco_mrl_03

Metadata also available as

Metadata:

Identification_Information:
Citation:
Citation_Information:
Originator: Eastern Federal Lands Highway Division
Publication_Date: Published Materials
Title: caco_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: 10/3/1999
Currentness_Reference: ground condition
Status:
Progress: Complete
Maintenance_and_Update_Frequency: As per RIP cycle
Spatial_Domain:
Bounding_Coordinates:
West_Bounding_Coordinate: -70.192534
East_Bounding_Coordinate: -69.956135
North_Bounding_Coordinate: 42.066227
South_Bounding_Coordinate: 41.836765
Keywords:
Theme:
Theme_Keyword_Thesaurus: CACO
Theme_Keyword: CACO
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: 7

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: caco_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: SECTION_
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: COMMENT
Attribute_Definition: Field comment
Attribute:
Attribute_Label: GPS_DATE
Attribute_Definition: Date of GPS Collection
Attribute:
Attribute_Label: DATAFILE

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

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

Metadata_Reference_Information:
Metadata_Date: 20051031
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 Mon Oct 31 13:10:33 2005

caco_mrp_03_map

Metadata also available as

Metadata:

Identification_Information:
Citation:
Citation_Information:
Originator: Eastern Federal Lands Highway Division
Publication_Date: Unknown
Title: caco_mrp_03_map
Geospatial_Data_Presentation_Form: vector digital data
Online_Linkage: Not Available
Description:
Abstract: Manually Rated Roads - Polygons
Purpose: Road Inventory Program
Time_Period_of_Content:
Time_Period_Information:
Single_Date/Time:
Calendar_Date: 10/3/1999
Currentness_Reference: ground condition
Status:
Progress: Complete
Maintenance_and_Update_Frequency: As per RIP cycle
Spatial_Domain:
Bounding_Coordinates:
West_Bounding_Coordinate: -69.960102
East_Bounding_Coordinate: -69.947746
North_Bounding_Coordinate: 41.846826
South_Bounding_Coordinate: 41.844294
Keywords:
Theme:
Theme_Keyword_Thesaurus: CACO
Theme_Keyword: CACO
Access_Constraints: None
Use_Constraints: None
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 manually rated roads.
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: 2

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: caco_mrp_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: SECTION_
Attribute_Definition: Route section ID
Attribute:
Attribute_Label: SURF_TYPE
Attribute_Definition: Surface type of route
Attribute:
Attribute_Label: CONDITION
Attribute_Definition: Condition rating
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: Area of manually rated road in squre feet

Distribution_Information:
Resource_Description: Downloadable Data
Standard_Order_Process:
Digital_Form:
Digital_Transfer_Information:
Transfer_Size: 0.187

Metadata_Reference_Information:
Metadata_Date: 20051031
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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caco_mrp_03

Metadata also available as

Metadata:

Identification_Information:
Citation:
Citation_Information:
Originator: Eastern Federal Lands Highway Division
Publication_Date: Unknown
Title: caco_mrp_03
Geospatial_Data_Presentation_Form: vector digital data
Online_Linkage: Not Available
Description:
Abstract: Manually Rated Roads - Polygons
Purpose: Road Inventory Program
Time_Period_of_Content:
Time_Period_Information:
Single_Date/Time:
Calendar_Date: 10/3/1999
Currentness_Reference: ground condition
Status:
Progress: Complete
Maintenance_and_Update_Frequency: As per RIP cycle
Spatial_Domain:
Bounding_Coordinates:
West_Bounding_Coordinate: -69.960066
East_Bounding_Coordinate: -69.947824
North_Bounding_Coordinate: 41.846799
South_Bounding_Coordinate: 41.844342
Keywords:
Theme:
Theme_Keyword_Thesaurus: CACO
Theme_Keyword: CACO
Access_Constraints: None
Use_Constraints: None
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 manually rated roads.
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: 2

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: caco_mrp_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: SECTION_
Attribute_Definition: Route section ID
Attribute:
Attribute_Label: SURF_TYPE
Attribute_Definition: Surface type of route
Attribute:
Attribute_Label: CONDITION
Attribute_Definition: Condition rating
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: Area of manually rated road in squre feet

Distribution_Information:
Resource_Description: Downloadable Data
Standard_Order_Process:
Digital_Form:
Digital_Transfer_Information:
Transfer_Size: 0.187

Metadata_Reference_Information:
Metadata_Date: 20051031
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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caco_nonnps

Metadata also available as

Metadata:

Identification_Information:
Citation:
Citation_Information:
Originator: The TSR Group
Publication_Date: 2005
Title: caco_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: -70.071381
East_Bounding_Coordinate: -70.065967
North_Bounding_Coordinate: 41.933681
South_Bounding_Coordinate: 41.930869
Keywords:
Theme:
Theme_Keyword_Thesaurus: CACO
Theme_Keyword: CACO
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: 1

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: caco_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: Id
Attribute_Definition: Name of road if available
Attribute:
Attribute_Label: Name

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

Metadata_Reference_Information:
Metadata_Date: 20051031
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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caco_pkg_03_map

Metadata also available as

Metadata:

Identification_Information:
Citation:
Citation_Information:
Originator: Eastern Federal Lands Highway Division
Publication_Date: Unknown
Title: caco_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: 10/6/1999
Currentness_Reference: ground condition
Status:
Progress: Complete
Maintenance_and_Update_Frequency: As per RIP cycle
Spatial_Domain:
Bounding_Coordinates:
West_Bounding_Coordinate: -70.222462
East_Bounding_Coordinate: -69.947609
North_Bounding_Coordinate: 42.079493
South_Bounding_Coordinate: 41.818270
Keywords:
Theme:
Theme_Keyword_Thesaurus: CACO
Theme_Keyword: CACO
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: 43

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: caco_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: 20051031
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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caco_pkg_03

Metadata also available as

Metadata:

Identification_Information:
Citation:
Citation_Information:
Originator: Eastern Federal Lands Highway Division
Publication_Date: Unknown
Title: caco_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: 10/6/1999
Currentness_Reference: ground condition
Status:
Progress: Complete
Maintenance_and_Update_Frequency: As per RIP cycle
Spatial_Domain:
Bounding_Coordinates:
West_Bounding_Coordinate: -70.222264
East_Bounding_Coordinate: -69.947678
North_Bounding_Coordinate: 42.079493
South_Bounding_Coordinate: 41.818085
Keywords:
Theme:
Theme_Keyword_Thesaurus: CACO
Theme_Keyword: CACO
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: 43

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: caco_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: 20051031
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 Mon Oct 31 13:09:27 2005

caco_seg

Metadata also available as

Metadata:

Identification_Information:
Citation:
Citation_Information:
Originator: The TSR Group
Publication_Date: 2005
Title: caco_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: -70.221848
East_Bounding_Coordinate: -69.948227
North_Bounding_Coordinate: 42.079163
South_Bounding_Coordinate: 41.818489
Keywords:
Theme:
Theme_Keyword_Thesaurus: CACO
Theme_Keyword: CACO

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: 121

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: caco_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: CACO_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: CACO_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: 20051031
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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