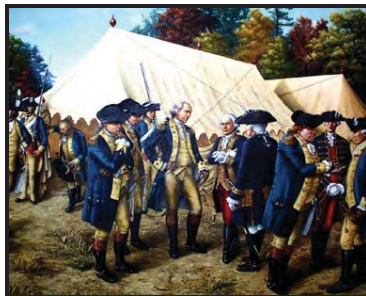




The Road Inventory of Colonial National Historical Park COLO - 4290



national park service



Road Inventory Program

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



Colonial National Historical Park in Virginia

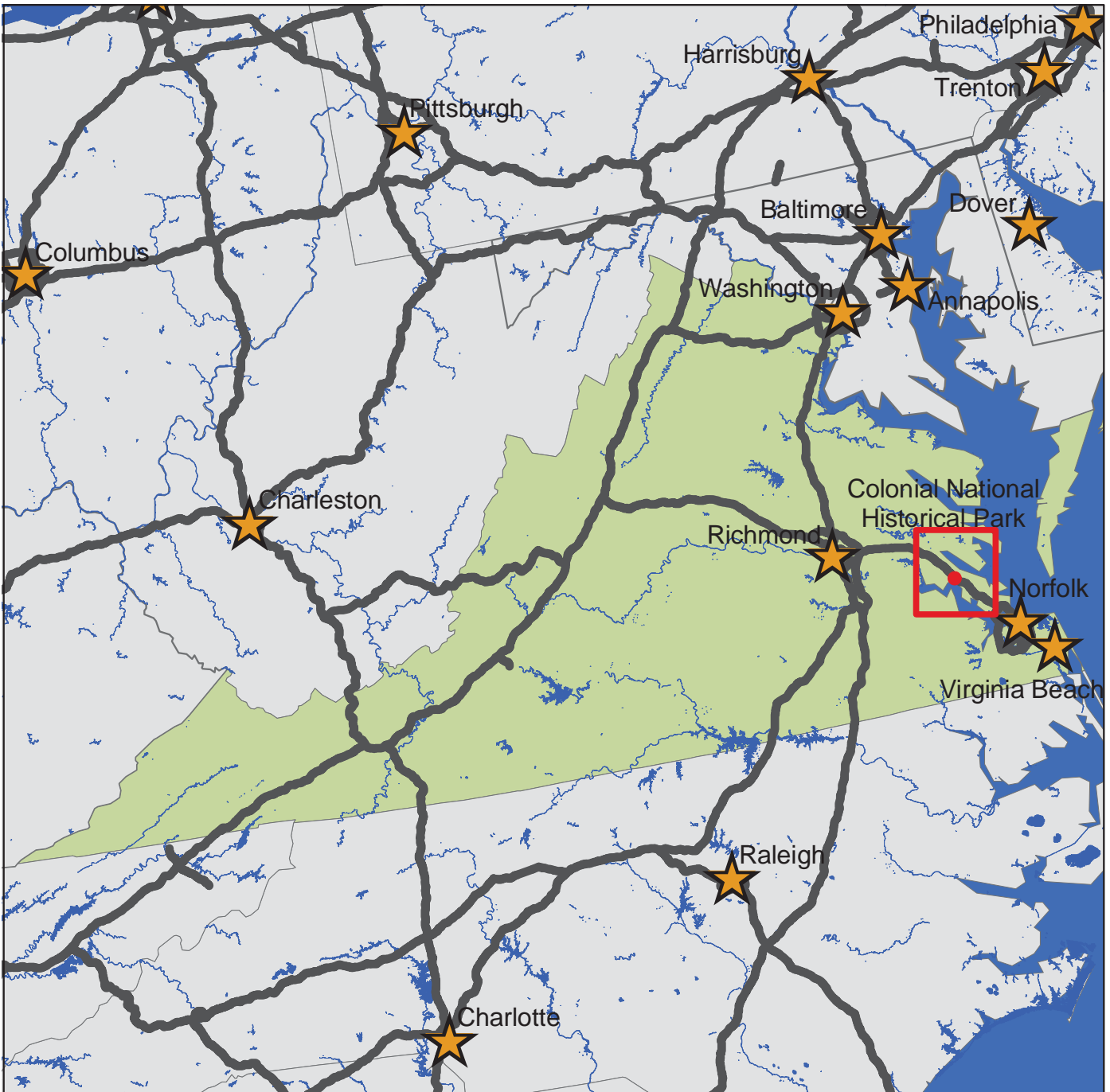




TABLE OF CONTENTS

<u>SECTION</u>		<u>PAGE</u>
1.	INTRODUCTION	1 - 1
2.	PARK SUMMARY INFORMATION	
	National Park Summaries	2 - 1
	Cost to Improve Based on Historical and Estimated Data	2 - 2
	Paved Route Miles and Percentages by Functional Class and PCR	2 - 3
3.	PARK SUMMARY MAPS	
	Route Location Key Map	3 - 1
	Route Condition Key Map – PCR Mile by Mile	3 - 5
4.	PARK ROUTE INVENTORY	
	Route Identification Lists (Numeric and Alphabetic)	4 - 1
5.	PAVED ROUTE CONDITION RATING SHEETS	5 - 1
6.	MANUALLY RATED PAVED ROUTE CONDITION RATING SHEETS	6 - 1
7.	PARKING LOT CONDITION RATING SHEETS	7 - 1
	Paved parking Areas	
8.	PARKWIDE / ROUTE MAINTENANCE FEATURES SUMMARY	8 - 1
9.	PARK ROUTE MAINTENANCE FEATURES ROAD LOG	9 - 1
10.	APPENDIX	
	A. Glossary of Terms and Abbreviations	10 - 1
	B. Description of Rating System	10 - 3
	C. Digital Image Information	10 - 7
	D. Metadata	10 - 8

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:

James A. Amenta
FHWA/EFLHD
Technical Services, HTS-15
21400 Ridgetop Circle
Sterling, VA 20166
(703) 404-6366

Colonial National Historical Park Summaries

Overall Park Mileage Summary

PARK TOTAL SUMMARY ITEMS	TOTAL	DATE
Paved ARAN Driven Route Miles	41.86	2/15/2002
Unpaved Estimated Route Miles	6.91	2/15/2002
Paved ARAN and Unpaved Route Miles	48.77	
Paved ARAN Driven Lane Miles	69.07	2/15/2002
Paved MRR Lane Miles	1.29	2/15/2002
Parking Lot Lane Miles	16.05	2/15/2002
Total Paved Lane Miles	86.41	

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)

Colonial National Historical Park 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	1.55	\$46,500
Good	2.38	\$261,800
Fair	19.70	\$11,032,000
Poor	18.23	\$28,074,200
Totals	41.86	\$39,414,500

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).

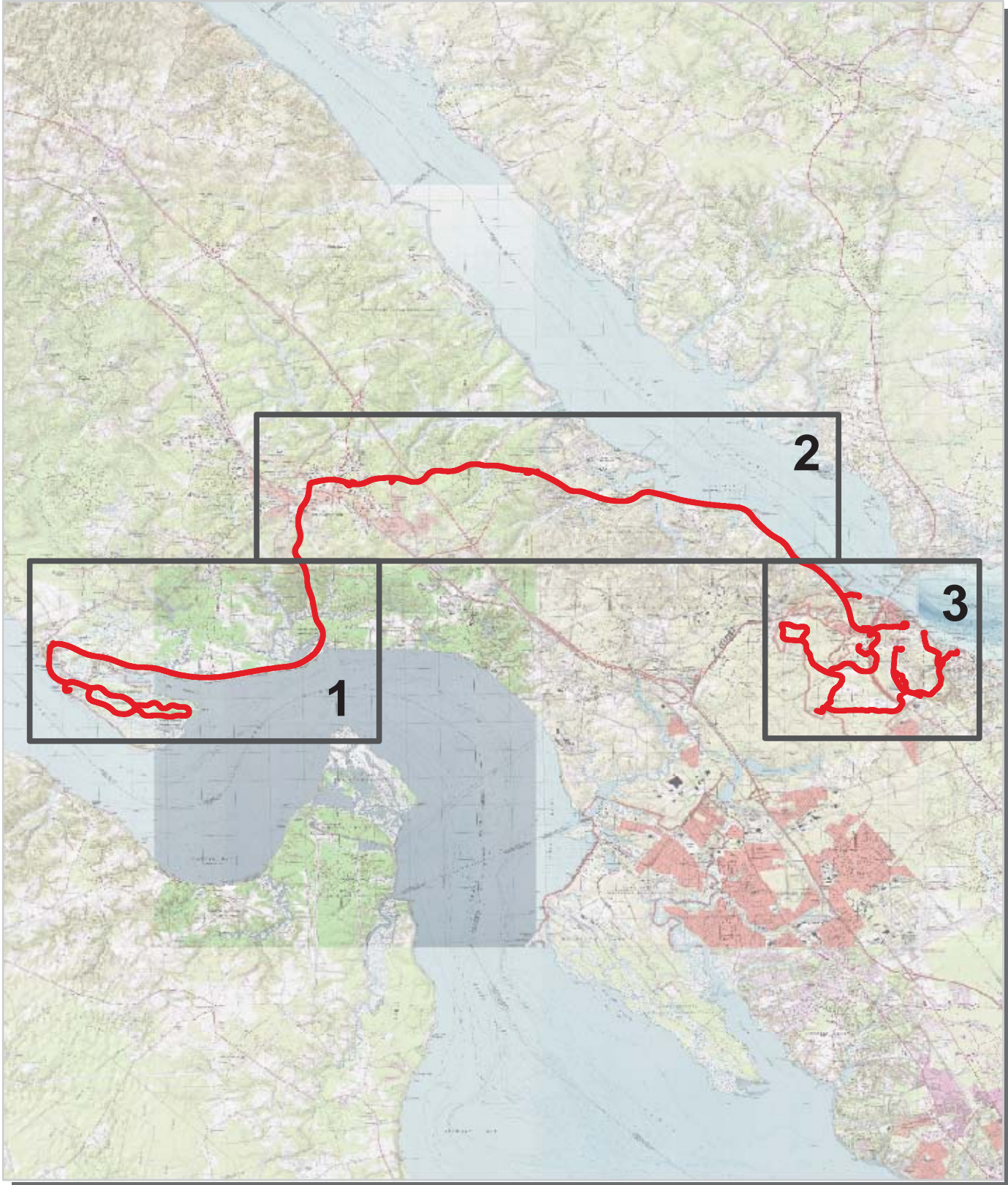
These numbers are for preliminary planning purposes only and should not be used for project level proposals. For park planning level analysis, apply your park multiplier for more accurate regional costs.

Colonial National Historical Park 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	13.21%	15.54	37.12%	2.34	5.59%	1.11	2.65%	24.52
2	2.07	4.95%	0.58	1.39%					2.65
3	10.19	24.34%	3.37	8.05%	0.04	0.10%	0.42	1.00%	14.02
4									
5									
6	0.44	1.05%	0.21	0.50%			0.02	0.05%	0.67
7									
8									
Totals	18.23	43.55%	19.70	47.06%	2.38	5.69%	1.55	3.70%	41.86

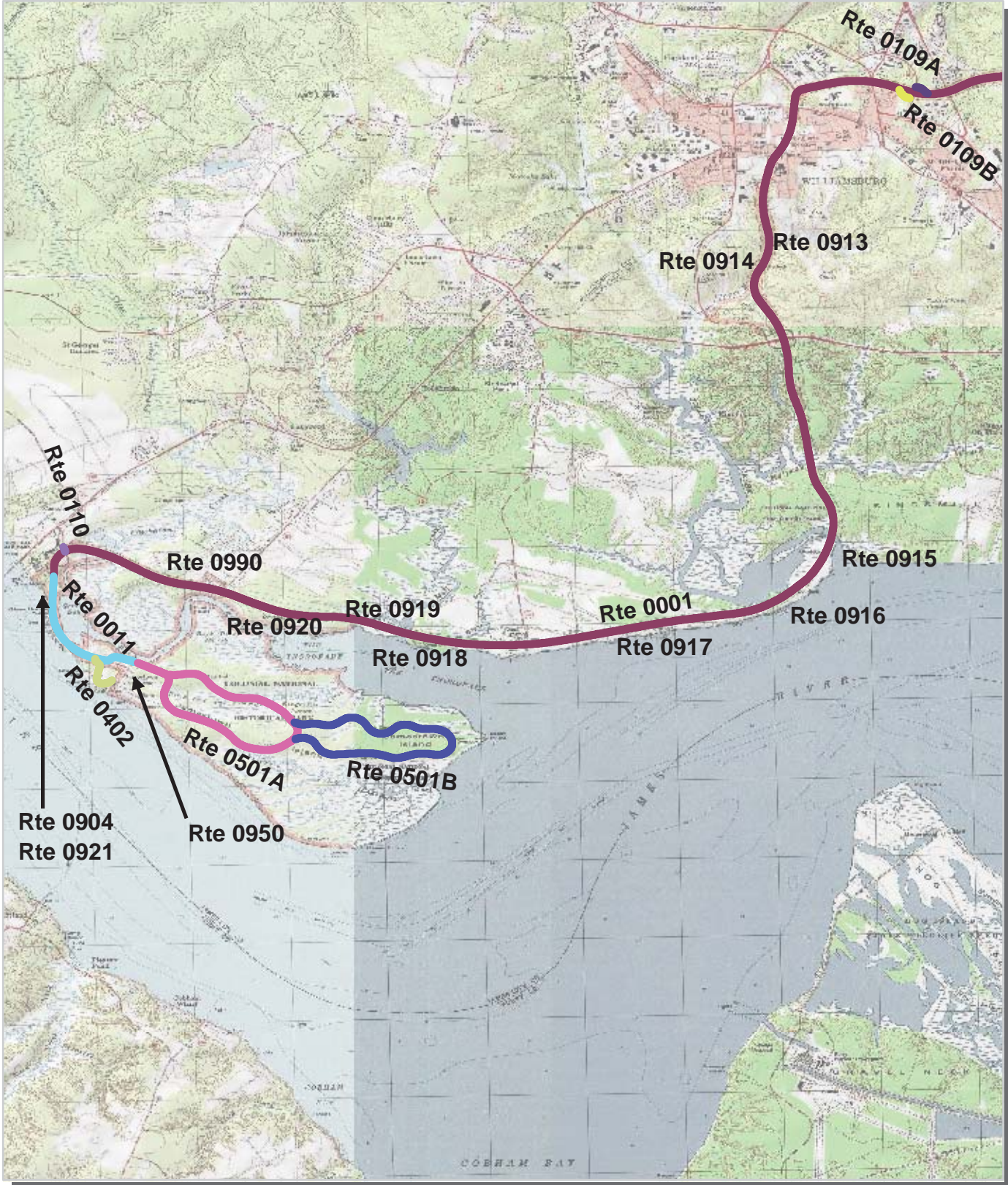
Colonial National Historical Park Route Location Key Map



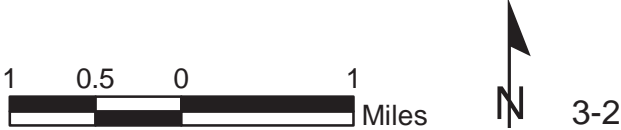
 Park Owned Routes



Colonial National Historical Park Route Location Area Map 1



Unique colors used to differentiate routes



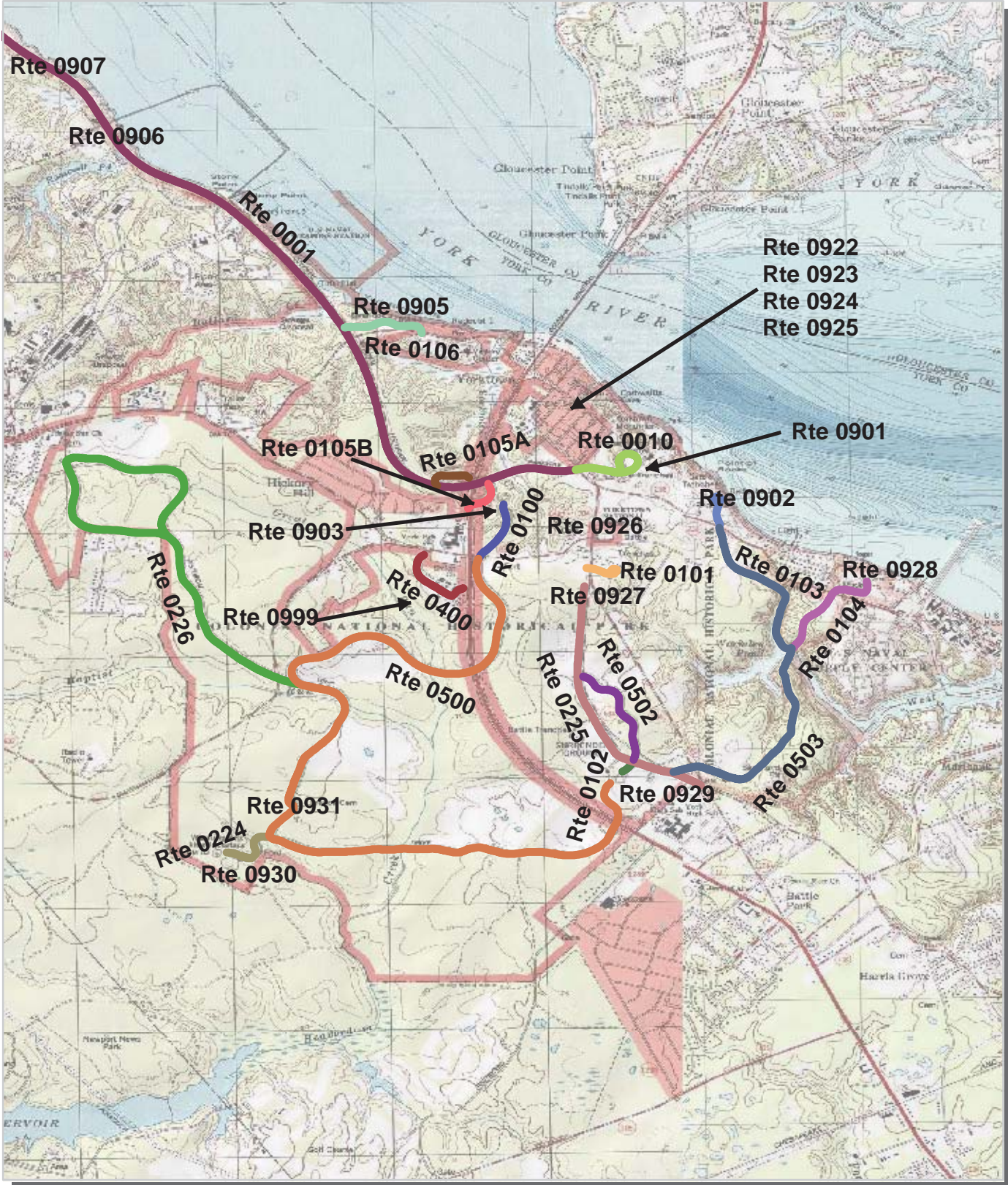
Colonial National Historical Park Route Location Area Map 2



Unique colors used to differentiate routes



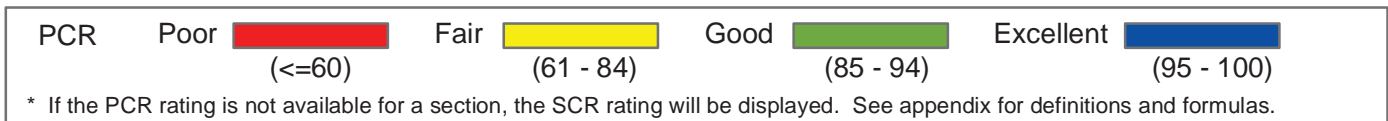
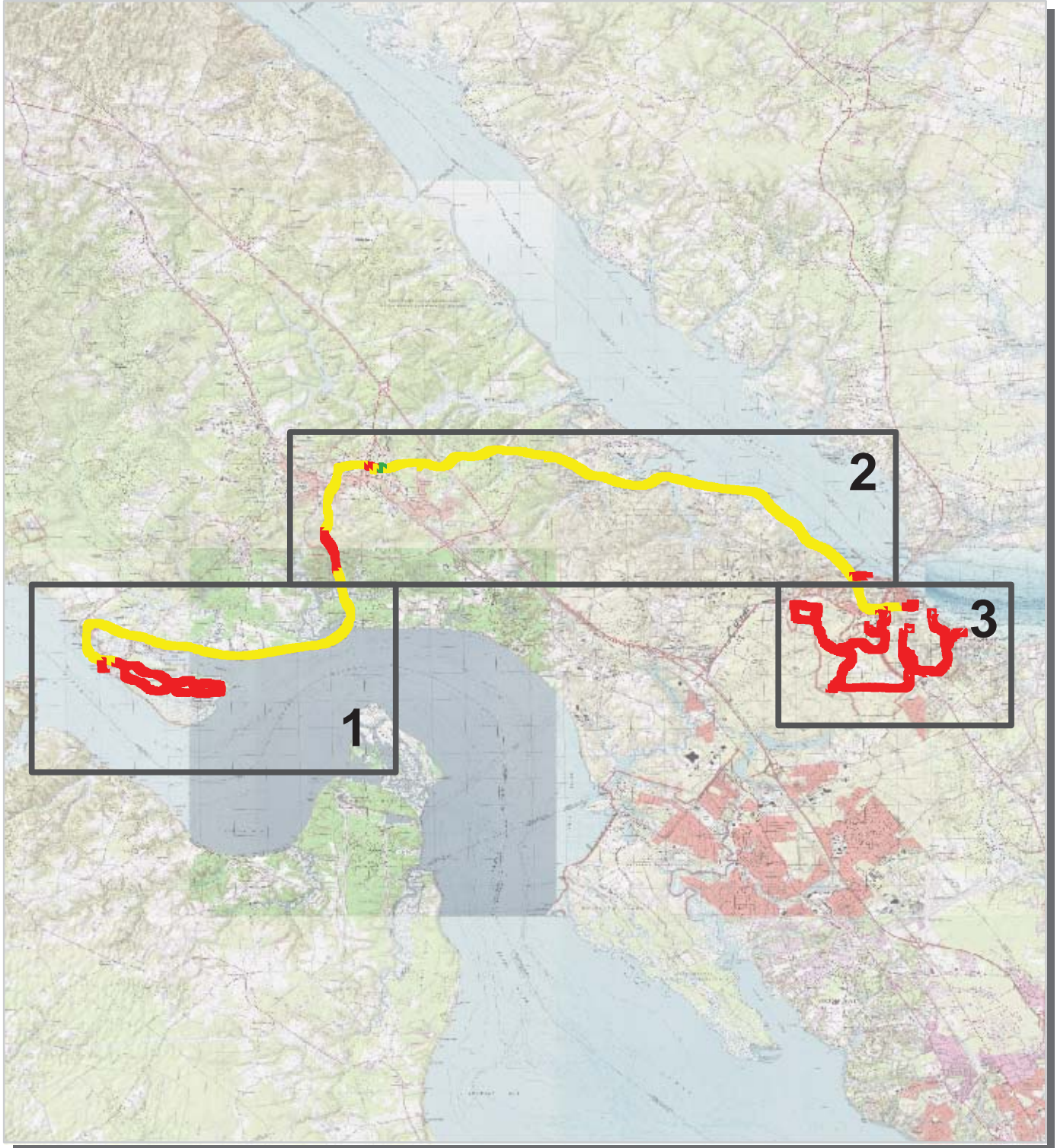
Colonial National Historical Park Route Location Area Map 3



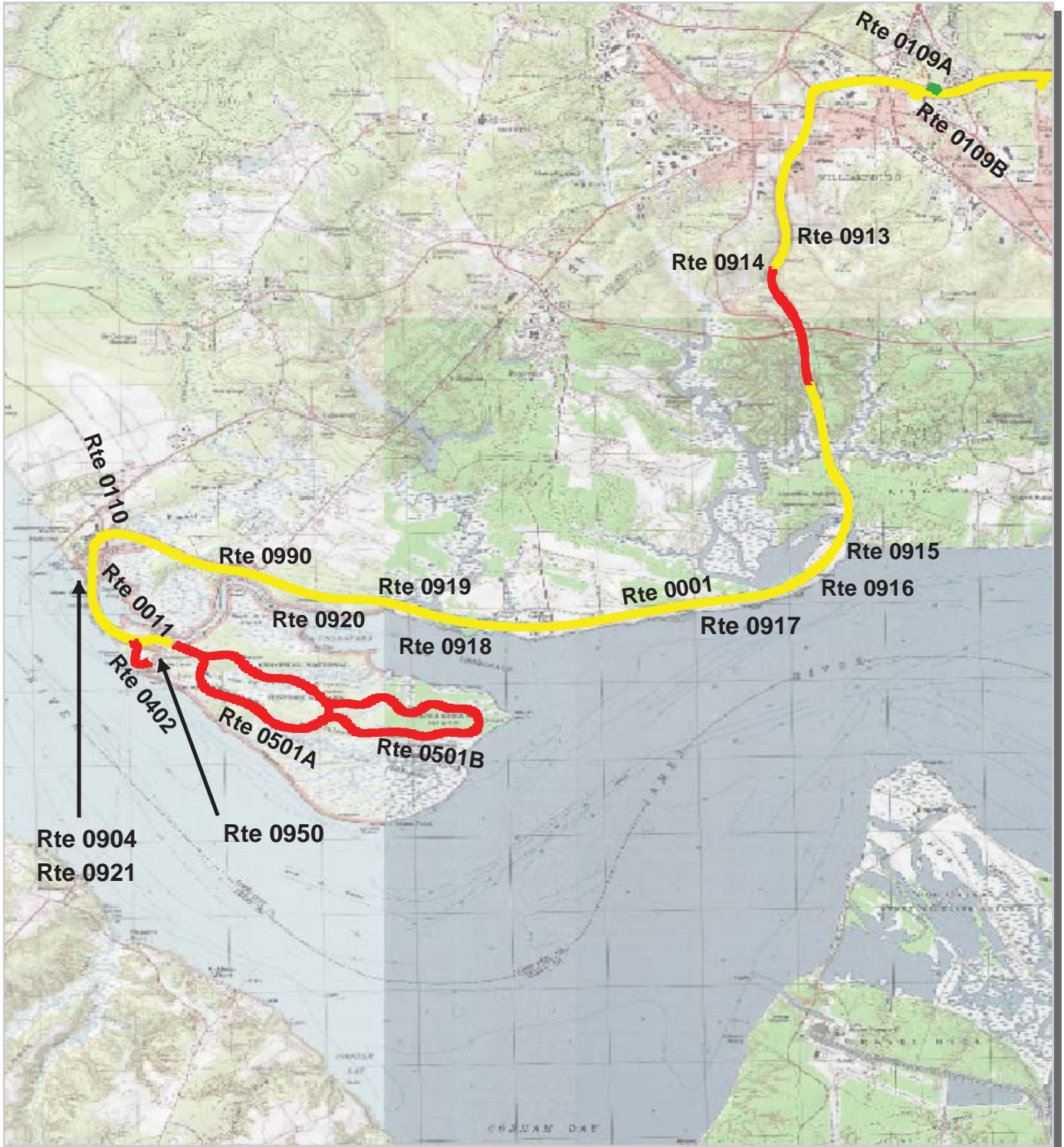
Unique colors used to differentiate routes







Colonial National Historical Park Route Condition Key Map PCR - Mile by Mile



Colonial National Historical Park 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.



Colonial National Historical Park Route Condition Area Map 2 PCR - Mile by Mile

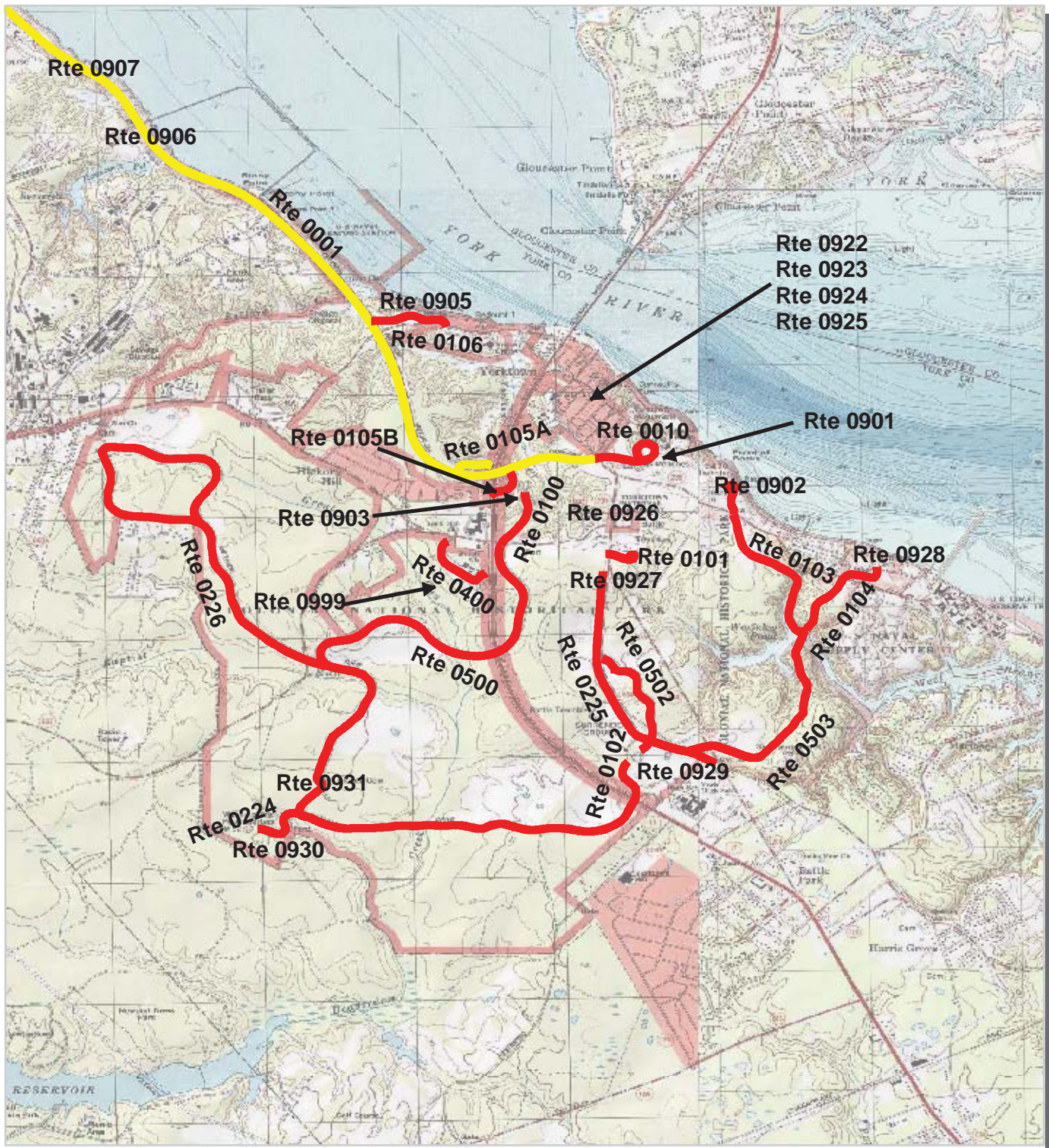


PCR	Poor	Fair	Good	Excellent
	(≤ 60)	(61 - 84)	(85 - 94)	(95 - 100)

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



Colonial National Historical Park Route Condition Area Map 3 PCR - Mile by Mile



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

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



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 =	

COLO

Colonial National Historical Park

Rte. #	FMSS Asset #	Route Name	Route Description		Paved Miles	Un-Paved Miles	Rte. Lgth	Func. Class	Rte. Lanes	Manual Rated SQ/FT	Surf. Type
			From	To							
0001		COLONIAL PARKWAY	From State Highway 238	To Jamestown at Route 0904 and Begin Route 0011	21.71	0.00	21.71	1	3	0	CO
0010		YORKTOWN VISITOR CENTER ACCESS ROAD	From State Highway 238	To End of Loop at Route 0901	0.47	0.00	0.47	1	2	0	AS
0011		JAMESTOWN TOUR ACCESS ROAD	From End of Route 0001	To Route 0501A and Route 0950	1.06	0.00	1.06	1	2	0	OC
0100	54847	UNTOUCHED REDOUBT ROAD	From Goosely Road	To Route 0903	0.31	0.00	0.31	2	2	0	OC
0101		GRAND FRENCH BATTERY ROAD	From State Highway 238	To End of Loop	0.20	0.00	0.20	2	2	0	OC
0102		SURRENDER FIELD ROAD	From Route 0225 at MP 0.96	To Route 0929	0.07	0.00	0.07	2	1	0	OC
0103		REDOUBT ACCESS ROAD	From State Highway 238	To End of Loop at Route 0902	0.22	0.00	0.22	2	2	0	OC
0104	54845	MOORE HOUSE ACCESS ROAD	From Route 0503	To Route 0928	0.53	0.00	0.53	2	2	0	OC
0105A		US RTE 17 ACCESS ROAD	From Route 0001 at MP 0.57	To US Route 17	0.19	0.00	0.19	1	2	0	CO
0105B		US RTE 17 ACCESS ROAD	From US Route 17	To Route 0001 at MP 0.35	0.20	0.00	0.20	1	2	0	CO
0106		FUSILIER'S ROAD	From Route 0001 at MP 1.47	To Old Williamsburg Road	0.35	0.00	0.35	1	2	0	OC
0107A		CHEATHAM ANNEX ACCESS ROAD	From Route 0001 at MP 8.14	To State 641	0.05	0.00	0.05	1	2	0	AS
0107B		CHEATHAM ANNEX ACCESS ROAD	From State 641	To Route 0001 at MP 8.29	0.12	0.00	0.12	1	2	0	AS
0108A		QUEENS LAKE ACCESS	From Route 0001 at MP 10.95	To State Route 716	0.14	0.00	0.14	1	2	0	AS
0108B		QUEENS LAKE ACCESS	From Route 0001 at MP 11.05	To State Route 716	0.21	0.00	0.21	1	2	0	AS
0109A		PARKWAY DRIVE ACCESS ROAD	From Route 0001 at MP 11.64	To State Route 163	0.11	0.00	0.11	1	2	0	AS
0109B		PARKWAY DRIVE ACCESS ROAD	From Route 0001 at MP 11.84	To State Route 163	0.12	0.00	0.12	1	2	0	AS
0110		TAZEWELL HALL ACCESS ROAD	From Route 0001 at MP 21.48	To Hall Avenue	0.06	0.00	0.06	2	2	0	CO
0111A		STATE ROUTE 199 INTERCHANGE A	From Route 0001 at MP 14.5 on Right	To State Route 132	0.15	0.00	0.15	1	2	9,187	AS
0111B		STATE ROUTE 199 INTERCHANGE B	From Route 0001 at MP 14.6 on Right	To State Route 199	0.19	0.00	0.19	1	2	11,848	AS
0111C		STATE ROUTE 199 INTERCHANGE C	From Route 0001 at MP 14.5 on Left	To State Route 199	0.14	0.00	0.14	1	2	8,617	AS
0111D		STATE ROUTE 199 INTERCHANGE D	From Route 0001 at MP 14.6 on Left	To State Route 199	0.16	0.00	0.16	1	2	10,138	AS
0112A		NEWPORT AVENUE ACCESS ROAD	From Route 0001 at MP 13.20	To Newport Avenue	0.13	0.00	0.13	2	2	11,405	CO
0112B		NEWPORT AVENUE ACCESS ROAD	From Route 0001 at MP 13.30	To Newport Avenue	0.12	0.00	0.12	2	2	11,405	CO
0204		RINGFIELD PICNIC ACCESS ROAD	From Route 0001	To End of Loop	0.00	1.25	1.25	2	2	0	GR
0205		GREAT NECK PICNIC ACCESS ROAD	From Route 0011	To End of Loop	0.00	0.52	0.52	2	2	0	GR
0224		WASHINGTON'S HEADQUARTERS ROAD	From Route 0500 at MP 1.7	To Route 0930	0.28	0.00	0.28	3	1	0	OC
0225		SURRENDER ROAD	From State Route 704	To State Route 704 (going North to South)	1.26	0.00	1.26	2	2	0	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 =	

COLO

Colonial National Historical Park

Rte. #	FMSS Asset #	Route Name	Route Description		Paved Miles	Un-Paved Miles	Rte. Lgth	Func. Class	Rte. Lanes	Manual Rated SQ/FT	Surf. Type
			From	To							
0226		FRENCH ENCAMPMENT TOUR ROAD	From Route 0500 at MP 2.7	To End of Loop	2.47	0.00	2.47	3	2	0	OC
0400		YORKTOWN MAINTENANCE ROAD	From US Route 17, through Maintenance Area	To State Highway 238	0.36	0.00	0.36	6	2	0	AS
0401		YORKTOWN MAINTENANCE AREA RESIDENCE ROAD	From Route 0400	To End	0.08	0.00	0.08	6	2	7,471	AS
0402		APVA Access Road/Skip's Dirt Road	From Route 0011 at MP 0.76 on Right	To End	0.31	0.00	0.31	6	1	0	OC
0403		JAMESTOWN MAINTENANCE ROAD	From Route 0001 at MP 20.55	To Gate at Route 0990	0.06	0.00	0.06	6	2	4,752	OC
0411		LACKEY FIRE ROAD	From Route 0238	To Route 0500	0.00	0.17	0.17	6	2	0	GR
0412		D'ADOUVILLE ACCESS ROAD	From Route 0500	To Crawford Road	0.00	0.31	0.31	6	2	0	GR
0414		BACK FIRE ROAD	From Siege Lane	To Park Boundary	0.00	1.90	1.90	6	2	0	GR
0415		OLD HARRELLS ROAD	From Route 0704	To End of Loop	0.00	2.76	2.76	6	2	0	GR
0500		BATTLEFIELD TOUR ROAD	From Route 0929	To Goosley Road and begin Route 0100	4.25	0.00	4.25	3	1	0	OC
0501A		ISLAND DRIVE	From end of Route 0011	To End of loop	2.50	0.00	2.50	3	1	0	OC
0501B		ISLAND DRIVE (OUTER LOOP)	From Route 0501A	To Route 0501A	2.29	0.00	2.29	3	1	0	OC
0502		SHORT LOOP ROAD	From Route 0225	To Route 0225 (going South to North)	0.54	0.00	0.54	3	1	0	OC
0503		EAST TOUR ROAD	From State Highway 238	To Route 0225, Surrender Road	1.69	0.00	1.69	3	1	0	OC
0901	54907	YORKTOWN VISITOR CENTER PARKING	Adjacent to Route 0010 at End of loop		0.00	0.00	0.00	9	0	84,224	OC
0902	54914	REDOUBT 9, 10 ACCESS ROAD PARKING	Adjacent to Route 0103 at End of loop		0.00	0.00	0.00	9	0	2,484	OC
0903	54916	UNTOUCHED REDOUBT LOOP/PARKING	At End of Route 0100		0.00	0.00	0.00	9	0	11,113	OC
0904	54917	GLASSHOUSE ACCESS ROAD PARKING	Adjacent to End of Route 0001 / Begin of Route 0011		0.00	0.00	0.00	9	0	41,428	AS
0905	54918	FUSILIERS PARKING	Adjacent to Route 0106		0.00	0.00	0.00	9	0	14,193	NC
0906	54919	NAVAL WEAPONS STATION PARKING	Adjacent to Route 0001 at MP 2.80		0.00	0.00	0.00	9	0	10,837	CO
0907	54920	YORKTOWN RIVER PARKING	Adjacent to Route 0001 at MP 3.25		0.00	0.00	0.00	9	0	7,265	CO
0908	54921	POWHATAN PARKING	Adjacent to Route 0001 at MP 4.02		0.00	0.00	0.00	9	0	10,053	CO
0909	54927	INDIAN FIELD CREEK PARKING	Adjacent to Route 0001 at MP 4.11		0.00	0.00	0.00	9	0	10,010	CO
0910	54931	BELLFIELD PLANTATION PARKING	Adjacent to Route 0001 at MP 5.51		0.00	0.00	0.00	9	0	9,040	CO
0911	54932	RINGFIELD PLANTATION PARKING	Adjacent to Route 0001 at MP 5.75		0.00	0.00	0.00	9	0	15,034	CO
0912	56258	JAMES MILL PARKING	Adjacent to Route 0001 at MP 9.12		0.00	0.00	0.00	9	0	8,310	CO
0913	56259	PALISADES GREAT OAKS PARKING	Adjacent to Route 0001 at MP 13.71		0.00	0.00	0.00	9	0	11,493	CO
0914	56260	GREAT NECK PARKING	Adjacent to Route 0001 at MP 13.92		0.00	0.00	0.00	9	0	9,824	CO

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 =	

COLO

Colonial National Historical Park

Rte. #	FMSS Asset #	Route Name	Route Description From To	Paved Miles	Un-Paved Miles	Rte. Lgth	Func. Class	Rte. Lanes	Manual Rated SQ/FT	Surf. Type
0915		ATTEMPTED SETTLEMENT/COLLEGE CREEK PARKING	Adjacent to Route 0001 at MP 16.37	0.00	0.00	0.00	9	0	22,701	CO
0916	56262	JAMES RIVER PARKING	Adjacent to Route 0001 at MP 16.68	0.00	0.00	0.00	9	0	11,423	CO
0917	56263	ARCHER'S HOPE PARKING	Adjacent to Route 0001 at MP 17.66	0.00	0.00	0.00	9	0	20,538	CO
0918	56264	JAMESTOWN ISLAND/GLEBE LAND PARKING	Adjacent to Route 0001 at MP 19.11	0.00	0.00	0.00	9	0	26,205	CO
0919	56265	REAL ESTATE PARKING	Adjacent to Route 0001 at MP 19.45	0.00	0.00	0.00	9	0	10,466	CO
0920	56266	NECK OF LAND PARKING	Adjacent to Route 0001 at MP 19.98	0.00	0.00	0.00	9	0	20,160	CO
0921	56267	JAMESTOWN ENTRANCE PARKING	Adjacent to Route 0001 at MP 21.55	0.00	0.00	0.00	9	0	25,374	CO
0922	56269	YORKTOWN VISITOR PARKING	Between Church and Read Streets	0.00	0.00	0.00	9	0	20,484	OC
0923	56272	YORKTOWN VICTORY MONUMENT PARKING	Between Baccon Street and Zweybrucken Road	0.00	0.00	0.00	9	0	10,644	OC
0924	56273	YORKTOWN BEACH PARKING	Adjacent to Water Street	0.00	0.00	0.00	9	0	47,855	AS
0925		CORNWALLIS' CAVE PARKING	Adjacent to Water Street	0.00	0.00	0.00	9	0	1,113	AS
0926	56275	NATIONAL CEMETERY/ SECOND SIEGE PARKING	Adjacent to State Route 238	0.00	0.00	0.00	9	0	9,709	NC
0927	56276	GRAND FRENCH BATTERY PARKING	Adjacent to Route 0101	0.00	0.00	0.00	9	0	2,555	OC
0928	56277	MOORE HOUSE PARKING	At End of Route 0104	0.00	0.00	0.00	9	0	7,899	OC
0929	56279	SURRENDER FIELD ACCESS PARKING	At End of Route 0102/Begin Route 0500	0.00	0.00	0.00	9	0	17,296	OC
0930	56280	WASHINGTON'S HEADQUARTERS PARKING	At End of Route 0224	0.00	0.00	0.00	9	0	4,745	OC
0931	56281	FRENCH CEMETERY PARKING	Adjacent to Route 0500 at MP 1.9	0.00	0.00	0.00	9	0	1,737	OC
0940		CAPE HENRY MEMORIAL PARKING	From Alantic Avenue To Parking	0.00	0.00	0.00	9	0	31,146	AS
0950	56282	JAMESTOWN VISITOR'S CENTER PARKING	At End of Route 0011 / Begin Route 0501A	0.00	0.00	0.00	9	0	188,355	OC
0990	56283	JAMESTOWN MAINTENANCE PARKING	At End of Route 0403	0.00	0.00	0.00	9	0	14,856	AS
0999	56284	YORKTOWN MAINTENANCE PARKING	Adjacent to Route 0400	0.00	0.00	0.00	9	0	191,886	AS
Totals				43.10	6.91	50.00			1,007,276	

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 =	

General Park Road Functional Classification Table

- Class 1 Principal Park Road/Rural Parkway (Public Roads) - Roads which constitute the main access route, circulatory tour, or thoroughfare for park visitors. Route Numbers 1 - 99. Note: Rural parkways (e.g. Natchez Trace) are numbered 1 - 9. State Routes Inventoried for Park. Route Numbers 5000-5999
- Class 2 Connector Park Road (Public Roads) - Roads which provide access within a park to areas of scenic, scientific, recreational or cultural interest, such as overlooks, campgrounds, etc. Route Numbers 100-199.
- Class 3 Special Purpose Park Road (Public Roads) - Roads which provide circulation within public areas, such as campgrounds, picnic areas, visitor center complexes, concessionaire facilities, etc. These roads generally serve low-speed traffic and are often designed for one-way circulation. Route Numbers 200-299.
- Class 4 Primitive Park Roads (Public Roads) - Roads which provide circulation through remote areas and/or access to primitive campgrounds and undeveloped areas. These roads frequently have no minimum design standards and their use may be limited to specially equipped vehicles. Route Numbers 200-299.
Note: Functional Classes 3 and 4 have the same route numbers because, historically, they were numbered similarly.
- Class 5 Administrative Access Road (Administrative Roads) - All public roads intended for access to administrative developments or structures such as park offices, employee quarters, or utility areas. Route Numbers 400-499.
- Class 6 Restricted Road (Administrative Roads) - All roads normally closed to the public, including patrol roads, truck trails, and other similar roads. Route Numbers 400-499.
Note: Functional Classes 5 and 6 have the same route numbers because historically they were numbered similarly and often there is little distinction between these routes. For example, because utility areas and employee housing are often closed to the public, this restriction would result in classification of FC 6 rather than FC 5.
- Class 7 Urban Parkway (Urban Parkways and City Streets) - These facilities serve high volumes of park and non-park related traffic and are restricted, limited-access facilities in an urban area. This category of roads primarily encompasses the major parkways which serve as gateways to our nation's capital. Other major park roads or portions thereof, however, may be included in this category. Route Numbers 1-9.
- Class 8 City Streets (Urban Parkways and City Streets) - City streets are usually extensions of the adjoining street system that are owned and maintained by the National Park Service. The construction and/or reconstruction should conform with accepted local engineering practice and local conditions. Route Numbers 600-699.
- Class 9 Boat Ramp - (Public and Administrative) Route Numbers 800-899.
Parking Area - (Public and Administrative) Route Numbers 900-1999.

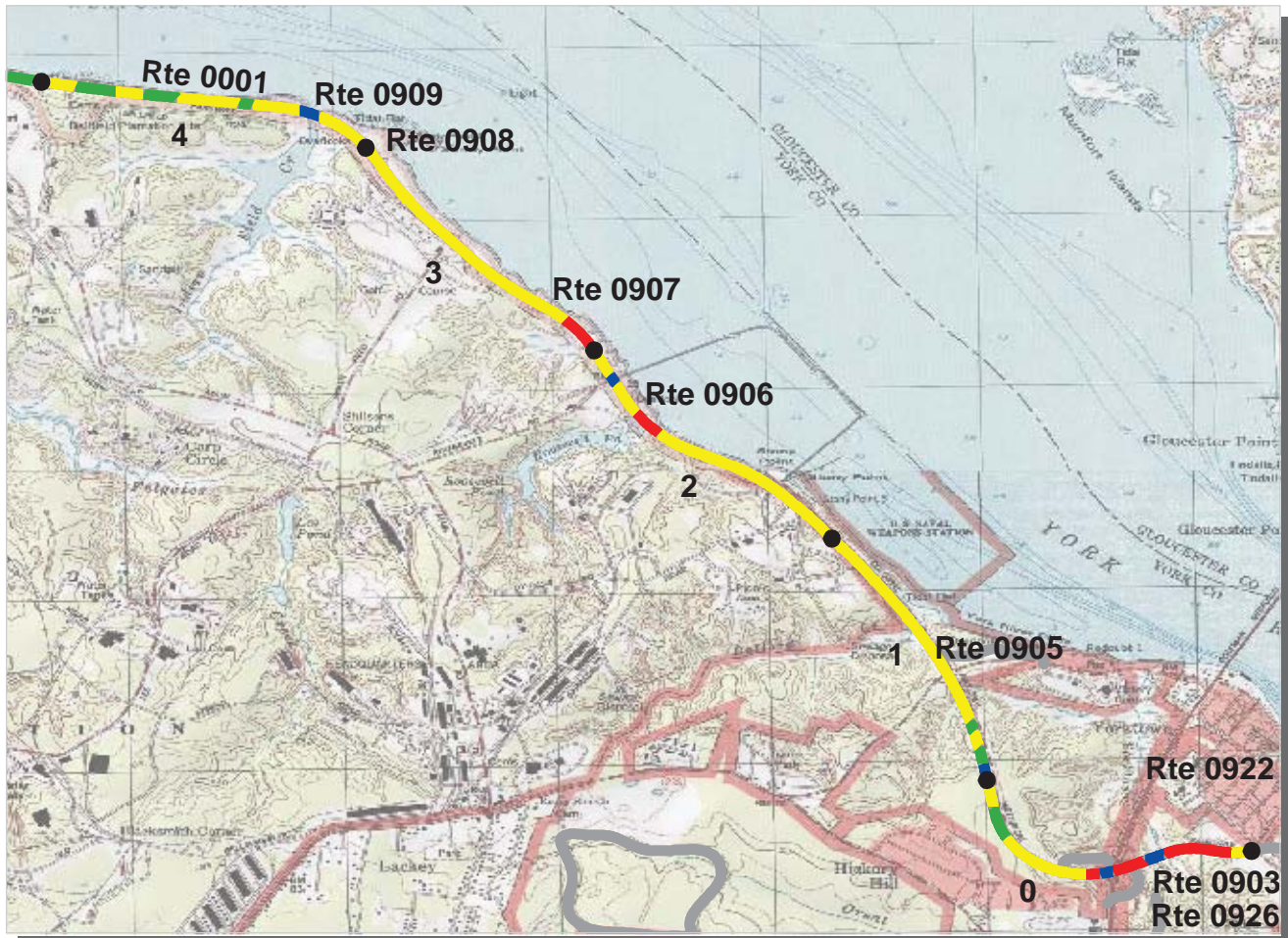
Surface Type Abbreviations:

- 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

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.



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

COLO : Colonial National Historical Park

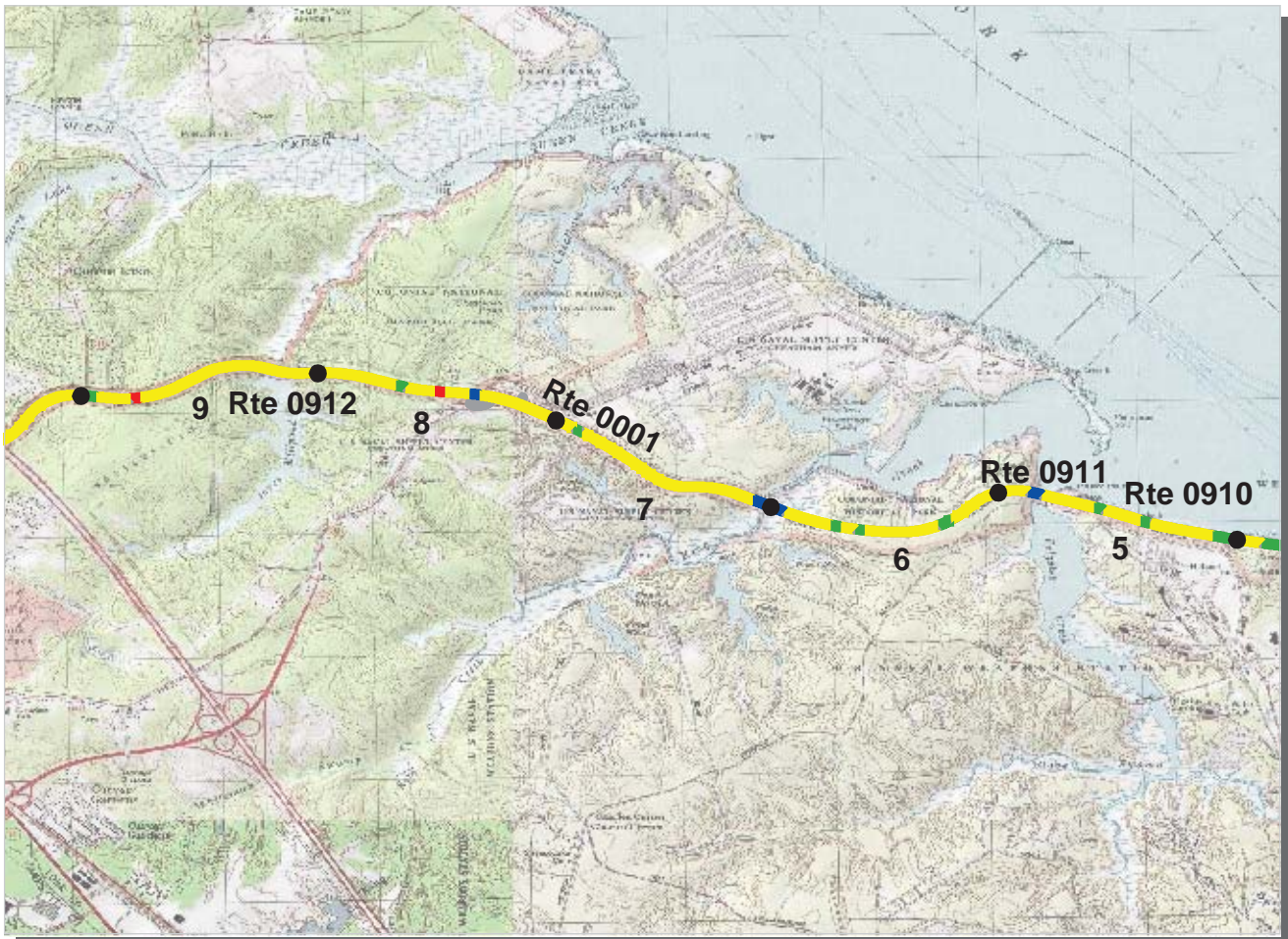
ROUTE: 0001 Colonial Parkway

TOTAL LENGTH: 21.71 Miles

Section Number	0	1	2	3	4
Section Length (mi)	1.00	1.00	1.00	1.00	1.00
AADT	**				
SADT	**				
ADT Date	**				
Cross Section Information					
Number of Lanes	2	2	2	2	2
Paved Width (ft)	21	29	29	29	28
Lane Width (ft)	11	14	15	14	14
Shoulder Width (ft)	0	0	0	0	0
Roadway Condition Information					
PCR (Pavement Condition Rating)	69	76	70	69	79
RCI (Roughness Condition Index)	70	84	66	68	77
SCR (Surface Condition Rating)	67	70	71	70	80
Alligator Cracking Index	100	100	100	100	100
Rutting Index	67	70	71	70	80
Patching Index	100	100	100	100	100
Transverse Cracking Index	100	100	100	100	100
Longitudinal Cracking Index	100	100	100	100	100
Shoulder Condition Rating	N/A	N/A	N/A	N/A	N/A
Drainage Condition Rating	POOR	POOR	POOR	POOR	POOR

ROUTE: 0001 Colonial Parkway

* NC designates data not collected NA designates not applicable
 ** See website for traffic data: <http://www.efl.fhwa.dot.gov/nps/index.htm>



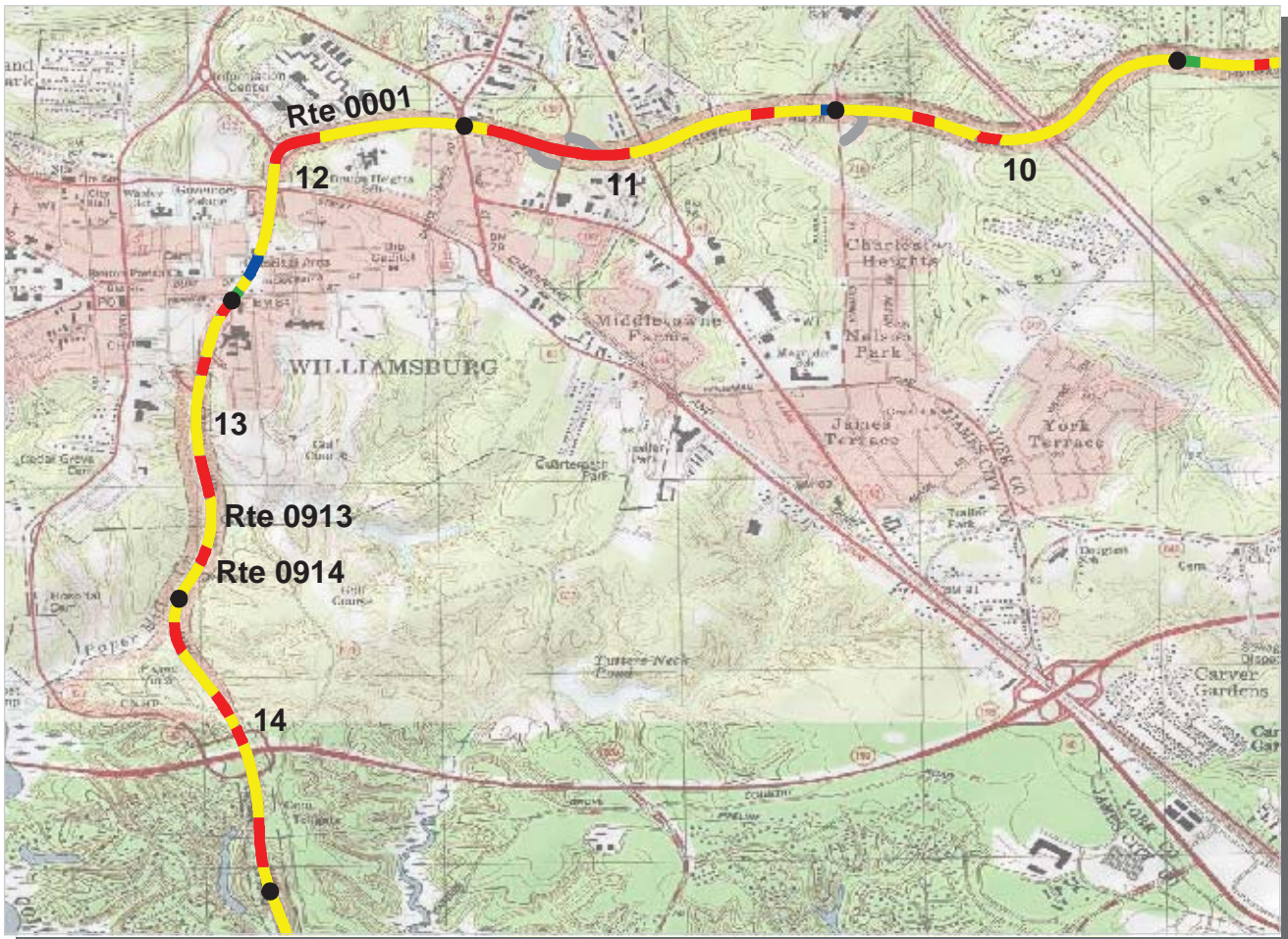
Northeast Region
COLO : Colonial National Historical Park

ROUTE: 0001 Colonial Parkway **TOTAL LENGTH: 21.71 Miles**

Section Number	5	6	7	8	9
Section Length (mi)	1.00	1.00	1.00	1.00	1.00
AADT	**				
SADT	**				
ADT Date	**				
Cross Section Information					
Number of Lanes	2	2	2	2	2
Paved Width (ft)	28	28	28	28	29
Lane Width (ft)	15	13	14	14	15
Shoulder Width (ft)	0	0	0	0	0
Roadway Condition Information					
PCR (Pavement Condition Rating)	79	81	80	74	70
RCI (Roughness Condition Index)	76	77	71	67	65
SCR (Surface Condition Rating)	80	83	84	77	74
Alligator Cracking Index	100	100	100	100	100
Rutting Index	80	83	84	77	74
Patching Index	100	100	100	100	100
Transverse Cracking Index	100	100	100	100	100
Longitudinal Cracking Index	100	100	100	100	100
Shoulder Condition Rating	N/A	N/A	N/A	N/A	N/A
Drainage Condition Rating	POOR	POOR	POOR	POOR	POOR

ROUTE: 0001 Colonial Parkway

* NC designates data not collected NA designates not applicable
 ** See website for traffic data: <http://www.efl.fhwa.dot.gov/nps/index.htm>



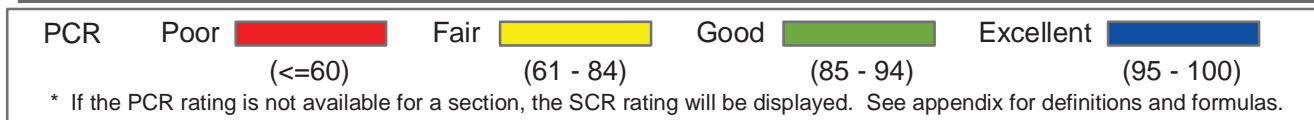
Northeast Region
COLO : Colonial National Historical Park

ROUTE: 0001 Colonial Parkway **TOTAL LENGTH: 21.71 Miles**

Section Number	10	11	12	13	14
Section Length (mi)	1.00	1.00	1.00	1.00	1.00
AADT	**				
SADT	**				
ADT Date	**				
Cross Section Information					
Number of Lanes	2	2	2	2	2
Paved Width (ft)	27	28	29	24	27
Lane Width (ft)	14	15	14	12	14
Shoulder Width (ft)	0	0	0	0	0
Roadway Condition Information					
PCR (Pavement Condition Rating)	67	61	67	62	60
RCI (Roughness Condition Index)	63	61	73	71	68
SCR (Surface Condition Rating)	70	61	64	56	55
Alligator Cracking Index	100	100	100	100	100
Rutting Index	70	61	64	56	55
Patching Index	100	100	100	100	100
Transverse Cracking Index	100	100	100	100	100
Longitudinal Cracking Index	100	100	100	100	100
Shoulder Condition Rating	N/A	N/A	N/A	N/A	N/A
Drainage Condition Rating	POOR	POOR	POOR	POOR	POOR

ROUTE: 0001 Colonial Parkway

* NC designates data not collected NA designates not applicable
 ** See website for traffic data: <http://www.efl.fhwa.dot.gov/nps/index.htm>



Northeast Region

COLO : Colonial National Historical Park

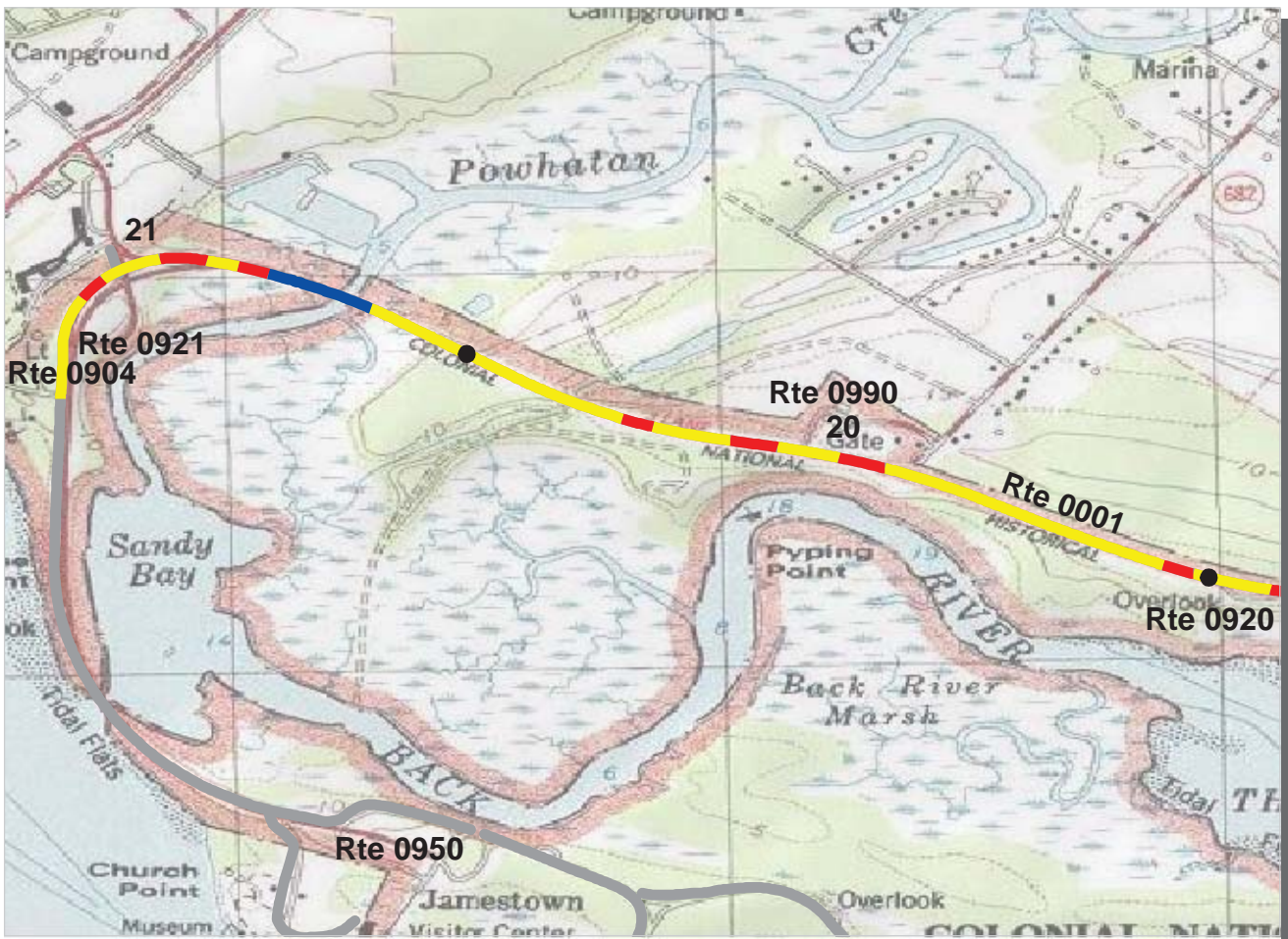
ROUTE: 0001 Colonial Parkway

TOTAL LENGTH: 21.71 Miles

Section Number	15	16	17	18	19
Section Length (mi)	1.00	1.00	1.00	1.00	1.00
AADT	**				
SADT	**				
ADT Date	**				
Cross Section Information					
Number of Lanes	2	2	2	2	2
Paved Width (ft)	27	27	28	28	29
Lane Width (ft)	14	13	15	15	14
Shoulder Width (ft)	0	0	0	0	0
Roadway Condition Information					
PCR (Pavement Condition Rating)	73	71	73	70	68
RCI (Roughness Condition Index)	81	79	87	78	79
SCR (Surface Condition Rating)	66	65	64	64	60
Alligator Cracking Index	100	100	100	100	100
Rutting Index	66	65	64	64	60
Patching Index	100	100	100	100	100
Transverse Cracking Index	100	100	100	100	100
Longitudinal Cracking Index	100	100	100	100	100
Shoulder Condition Rating	N/A	N/A	N/A	N/A	N/A
Drainage Condition Rating	POOR	POOR	POOR	POOR	POOR

ROUTE: 0001 Colonial Parkway

* NC designates data not collected NA designates not applicable
 ** See website for traffic data: <http://www.efl.fhwa.dot.gov/nps/index.htm>



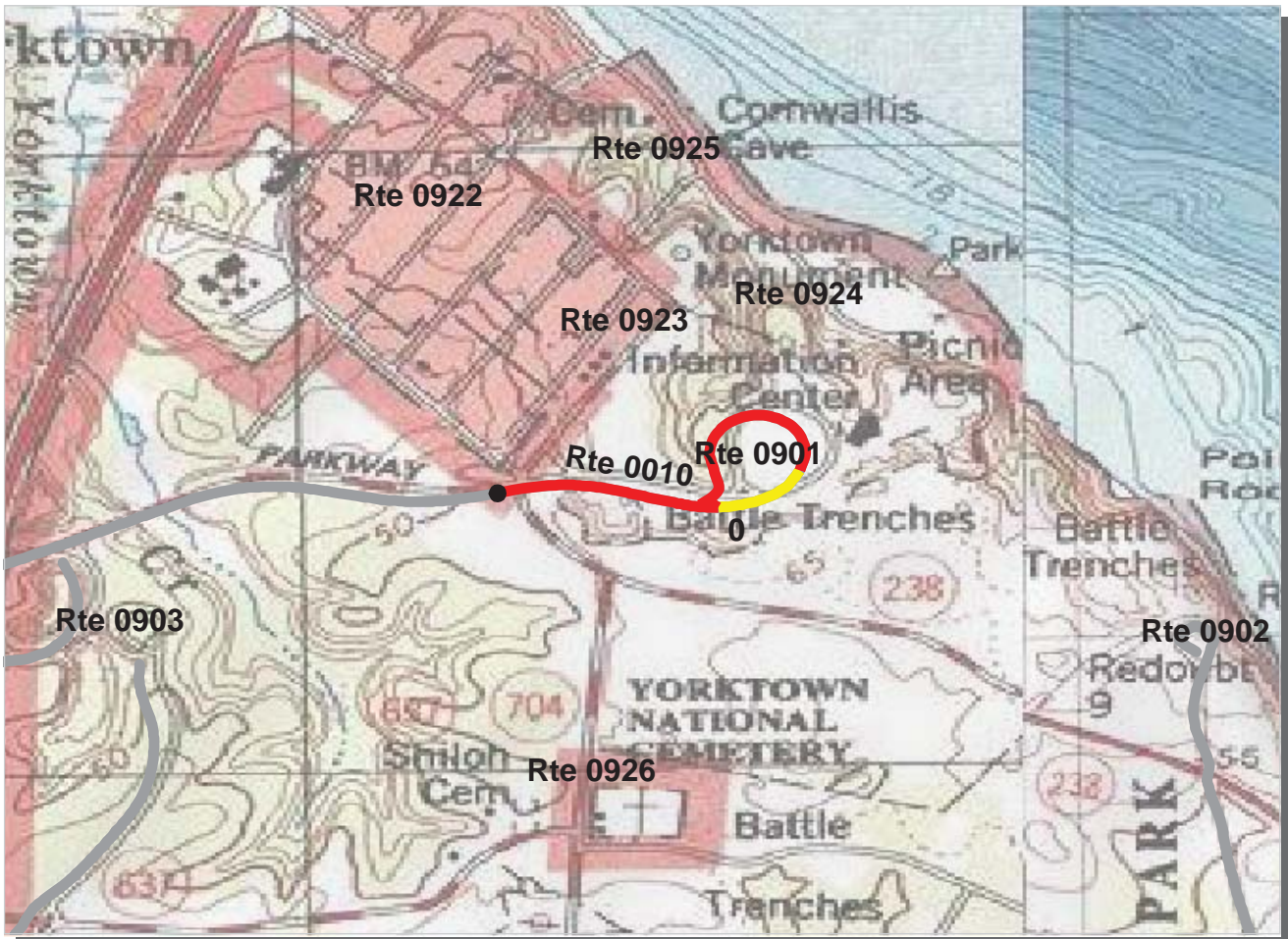
Northeast Region
COLO : Colonial National Historical Park

ROUTE: 0001 Colonial Parkway **TOTAL LENGTH: 21.71 Miles**

Section Number	20	21			
Section Length (mi)	1.00	0.71			
AADT	**				
SADT	**				
ADT Date	**				
Cross Section Information					
Number of Lanes	2	2			
Paved Width (ft)	28	30			
Lane Width (ft)	14	15			
Shoulder Width (ft)	0	0			
Roadway Condition Information					
PCR (Pavement Condition Rating)	66	70			
RCI (Roughness Condition Index)	79	77			
SCR (Surface Condition Rating)	57	65			
Alligator Cracking Index	100	100			
Rutting Index	57	65			
Patching Index	100	100			
Transverse Cracking Index	100	100			
Longitudinal Cracking Index	100	100			
Shoulder Condition Rating	N/A	N/A			
Drainage Condition Rating	POOR	POOR			

ROUTE: 0001 Colonial Parkway

* NC designates data not collected NA designates not applicable
 ** See website for traffic data: <http://www.efl.fhwa.dot.gov/nps/index.htm>



Northeast Region

COLO : Colonial National Historical Park

ROUTE: 0010 Yorktown Visitor Center Access Road

TOTAL LENGTH: 0.47 Miles

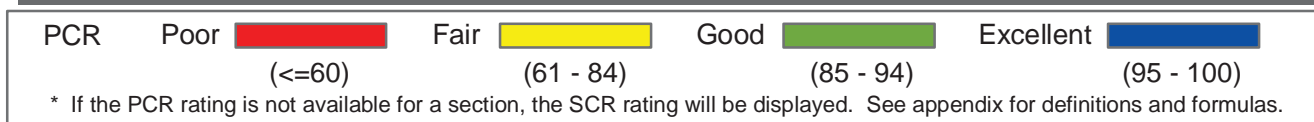
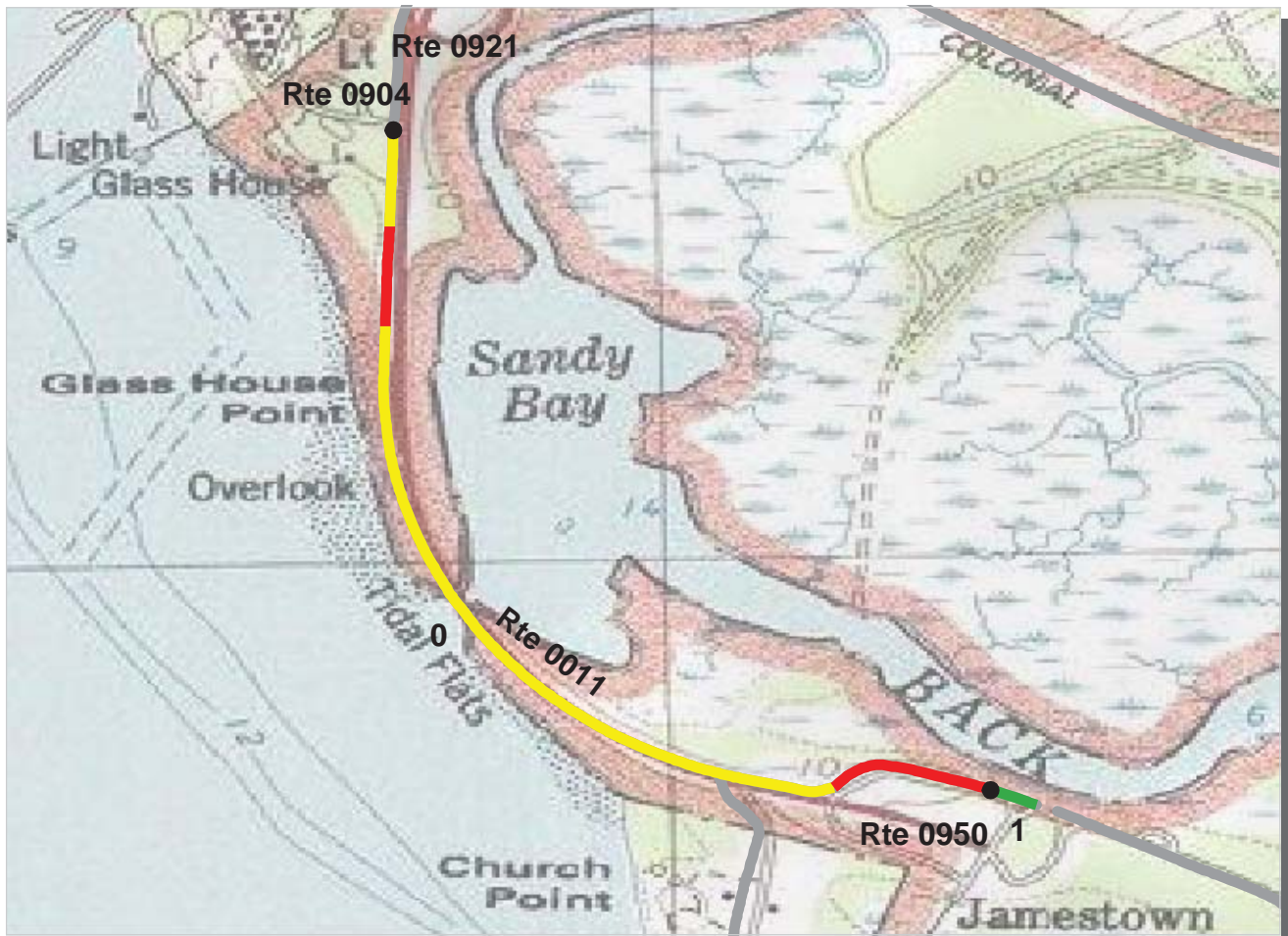
Section Number	0			
Section Length (mi)	0.47			
AADT	**			
SADT	**			
ADT Date	**			
Cross Section Information				
Number of Lanes	2			
Paved Width (ft)	21			
Lane Width (ft)	12			
Shoulder Width (ft)	0			
Roadway Condition Information				
PCR (Pavement Condition Rating)	49			
RCI (Roughness Condition Index)	81			
SCR (Surface Condition Rating)	34			
Alligator Cracking Index	100			
Rutting Index	35			
Patching Index	100			
Transverse Cracking Index	99			
Longitudinal Cracking Index	99			
Shoulder Condition Rating	N/A			
Drainage Condition Rating	POOR			

* NC designates data not collected NA designates not applicable

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

ROUTE: 0010 Yorktown Visitor Center Access Road





Northeast Region

COLO : Colonial National Historical Park

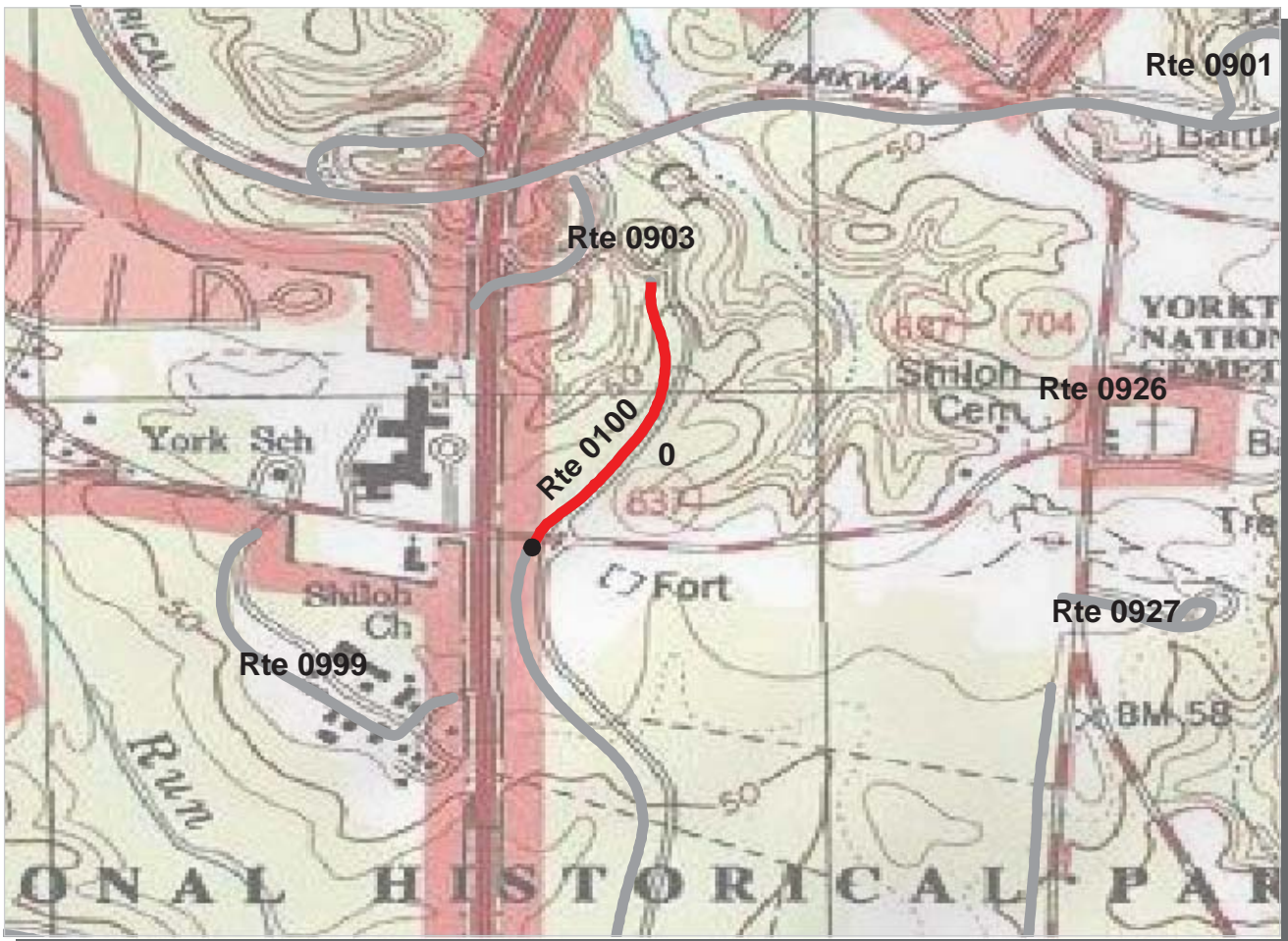
ROUTE: 0011 Jamestown Tour Access Road

TOTAL LENGTH: 1.06 Miles

Section Number	0	1			
Section Length (mi)	1.00	0.06			
AADT	**				
SADT	**				
ADT Date	**				
Cross Section Information					
Number of Lanes	1	2			
Paved Width (ft)	29	23			
Lane Width (ft)	29	13			
Shoulder Width (ft)	0	0			
Roadway Condition Information					
PCR (Pavement Condition Rating)	64	68			
RCI (Roughness Condition Index)	92	85			
SCR (Surface Condition Rating)	49	58			
Alligator Cracking Index	100	100			
Rutting Index	49	58			
Patching Index	100	100			
Transverse Cracking Index	99	100			
Longitudinal Cracking Index	100	99			
Shoulder Condition Rating	N/A	N/A			
Drainage Condition Rating	POOR	POOR			

ROUTE: 0011 Jamestown Tour Access Road

* NC designates data not collected NA designates not applicable
 ** See website for traffic data: <http://www.efl.fhwa.dot.gov/nps/index.htm>



Northeast Region

COLO : Colonial National Historical Park

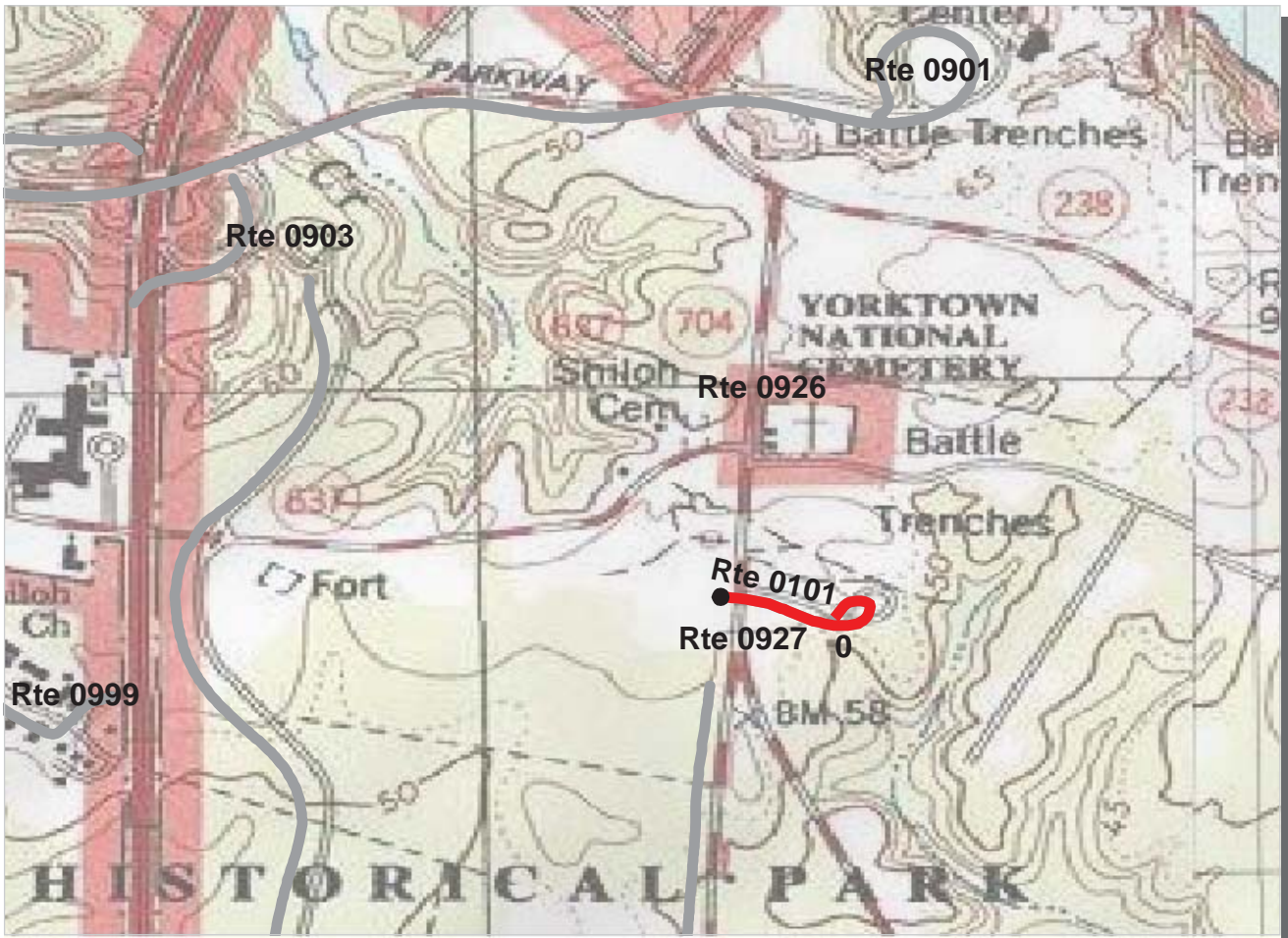
ROUTE: 0100 Untouched Redoubt Road

TOTAL LENGTH: 0.31 Miles

Section Number	0				
Section Length (mi)	0.31				
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)	47				
RCI (Roughness Condition Index)	94				
SCR (Surface Condition Rating)	23				
Alligator Cracking Index	100				
Rutting Index	23				
Patching Index	100				
Transverse Cracking Index	99				
Longitudinal Cracking Index	99				
Shoulder Condition Rating	N/A				
Drainage Condition Rating	POOR				

ROUTE: 0100 Untouched Redoubt Road

* NC designates data not collected NA designates not applicable
 ** See website for traffic data: <http://www.efl.fhwa.dot.gov/nps/index.htm>



Northeast Region

COLO : Colonial National Historical Park

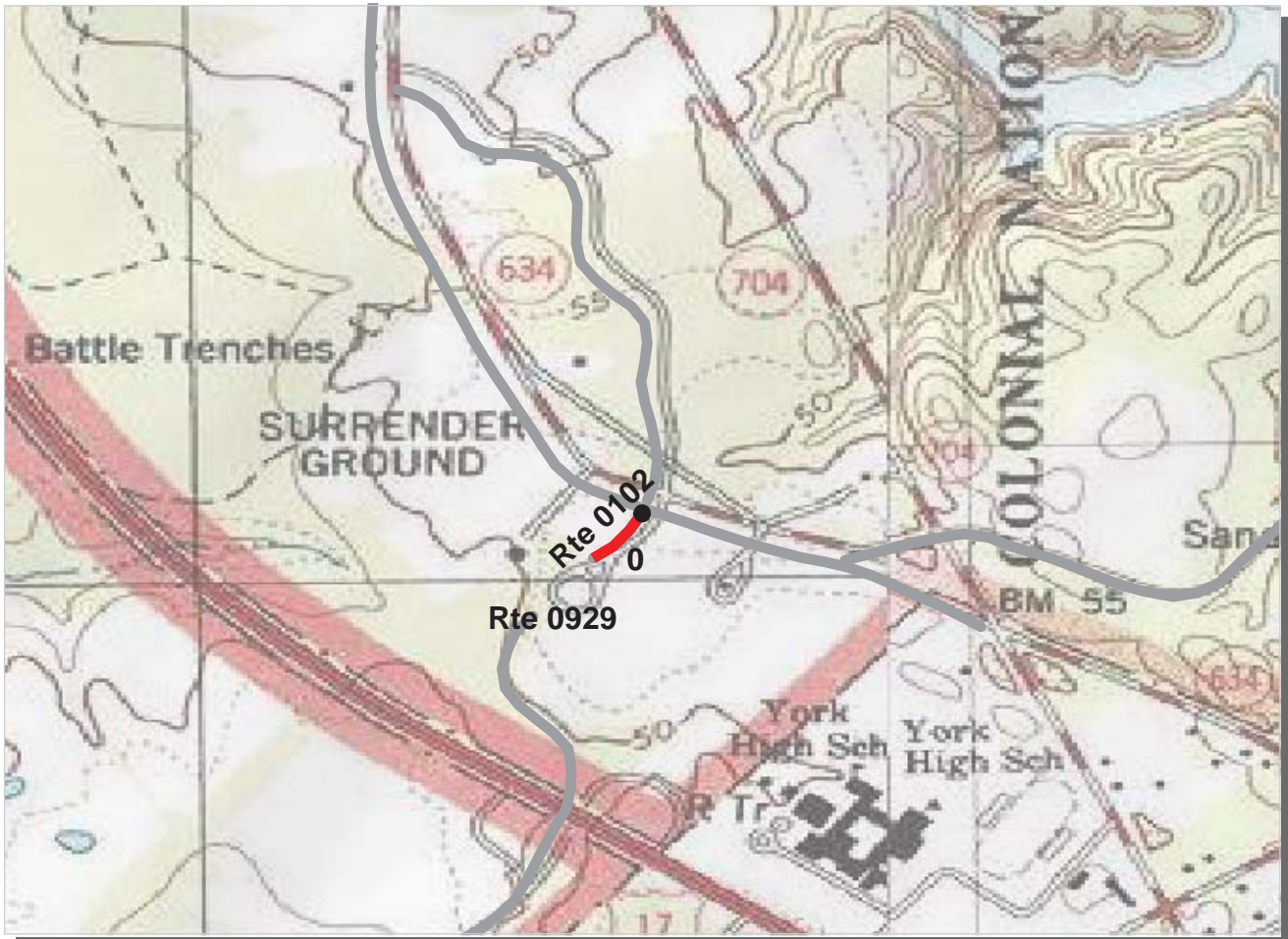
ROUTE: 0101 Grand French Battery Road

TOTAL LENGTH: 0.20 Miles

Section Number	0				
Section Length (mi)	0.20				
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)	31				
RCI (Roughness Condition Index)	68				
SCR (Surface Condition Rating)	28				
Alligator Cracking Index	100				
Rutting Index	29				
Patching Index	100				
Transverse Cracking Index	99				
Longitudinal Cracking Index	100				
Shoulder Condition Rating	N/A				
Drainage Condition Rating	POOR				

ROUTE: 0101 Grand French Battery Road

* NC designates data not collected NA designates not applicable
 ** See website for traffic data: <http://www.efl.fhwa.dot.gov/nps/index.htm>



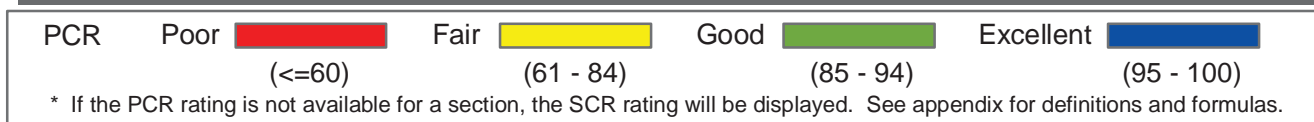
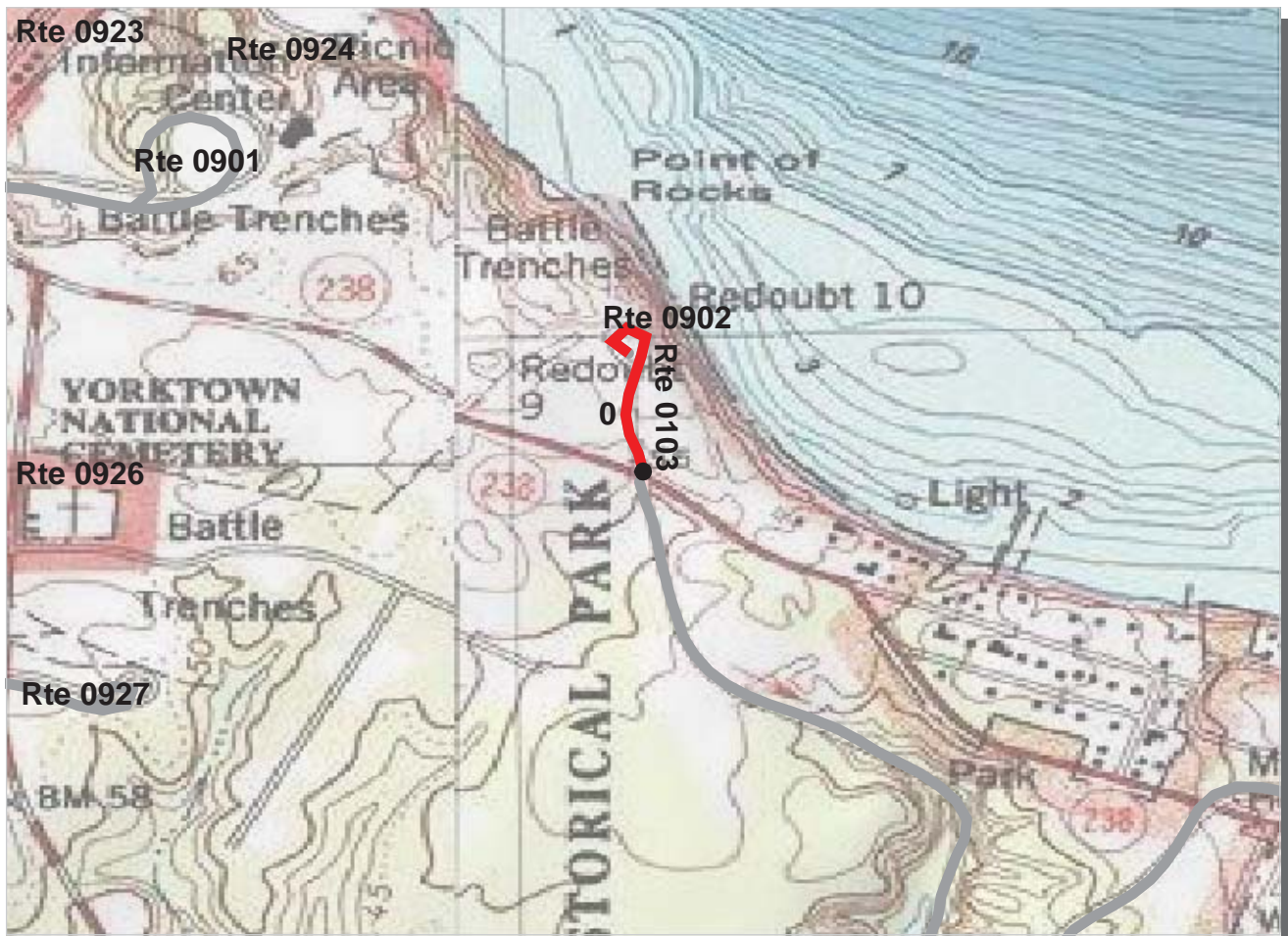
Northeast Region
COLO : Colonial National Historical Park

ROUTE: 0102 Surrender Field Road **TOTAL LENGTH: 0.07 Miles**

Section Number	0				
Section Length (mi)	0.07				
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)	42				
RCI (Roughness Condition Index)	100				
SCR (Surface Condition Rating)	37				
Alligator Cracking Index	100				
Rutting Index	37				
Patching Index	100				
Transverse Cracking Index	100				
Longitudinal Cracking Index	100				
Shoulder Condition Rating	N/A				
Drainage Condition Rating	N/C				

ROUTE: 0102 Surrender Field Road

* NC designates data not collected NA designates not applicable
 ** See website for traffic data: <http://www.efl.fhwa.dot.gov/nps/index.htm>



Northeast Region

COLO : Colonial National Historical Park

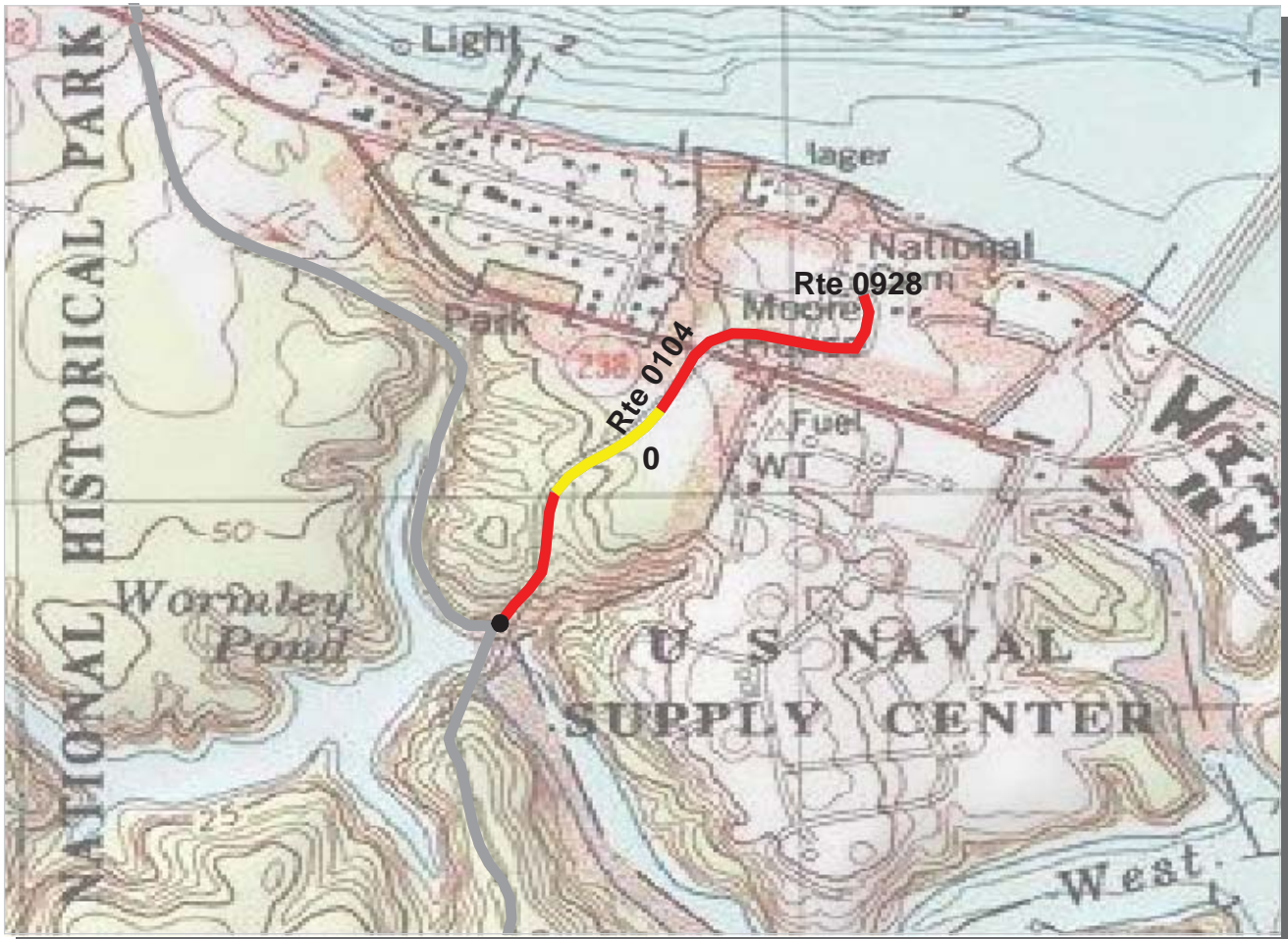
ROUTE: 0103 Redoubt Access Road

TOTAL LENGTH: 0.22 Miles

Section Number	0				
Section Length (mi)	0.22				
AADT	**				
SADT	**				
ADT Date	**				
Cross Section Information					
Number of Lanes	2				
Paved Width (ft)	19				
Lane Width (ft)	11				
Shoulder Width (ft)	0				
Roadway Condition Information					
PCR (Pavement Condition Rating)	42				
RCI (Roughness Condition Index)	84				
SCR (Surface Condition Rating)	38				
Alligator Cracking Index	100				
Rutting Index	42				
Patching Index	100				
Transverse Cracking Index	100				
Longitudinal Cracking Index	95				
Shoulder Condition Rating	N/A				
Drainage Condition Rating	POOR				

ROUTE: 0103 Redoubt Access Road

* NC designates data not collected NA designates not applicable
 ** See website for traffic data: <http://www.efl.fhwa.dot.gov/nps/index.htm>



Northeast Region

COLO : Colonial National Historical Park

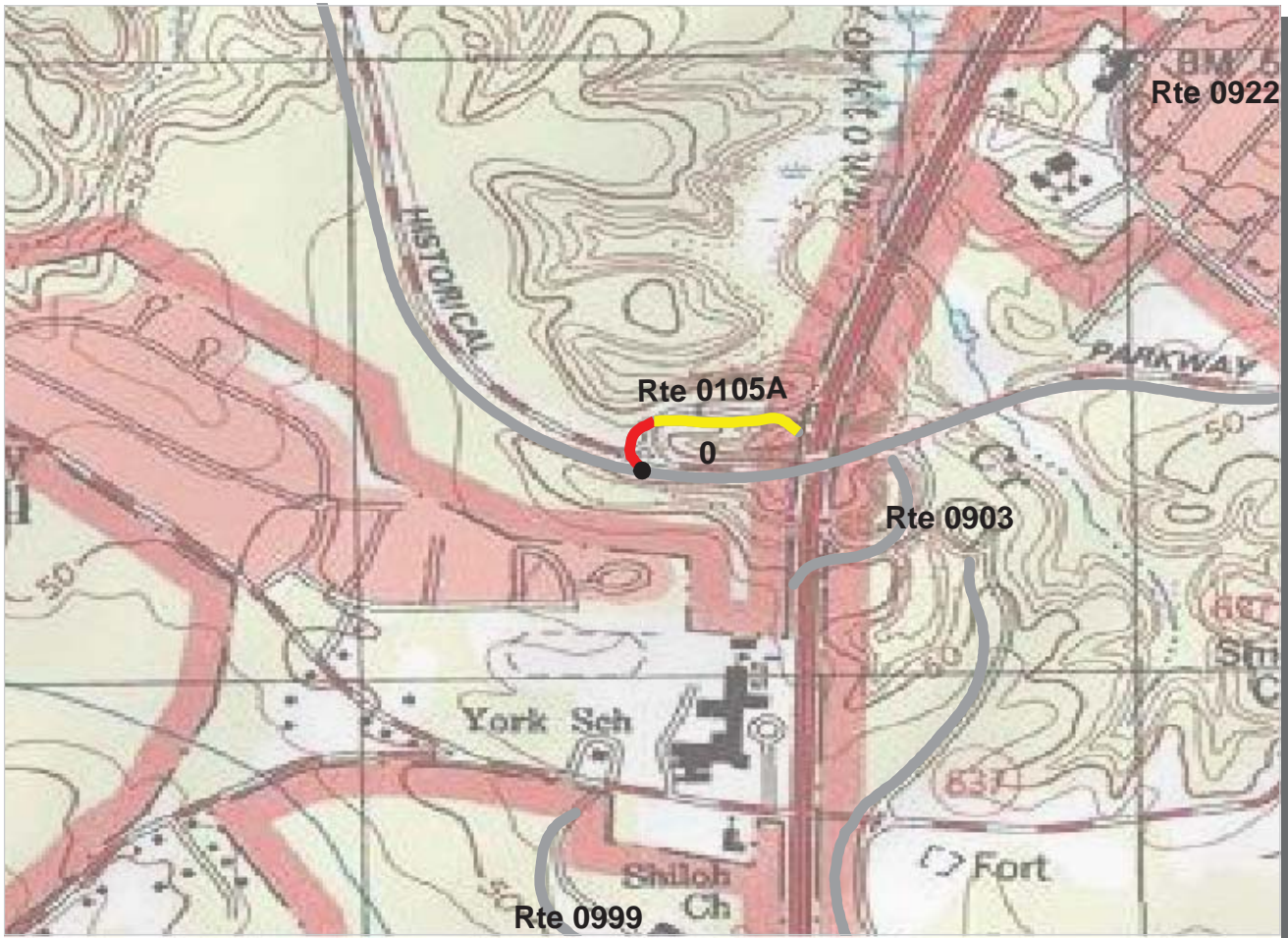
ROUTE: 0104 Moore House Access Road

TOTAL LENGTH: 0.53 Miles

Section Number	0				
Section Length (mi)	0.53				
AADT	**				
SADT	**				
ADT Date	**				
Cross Section Information					
Number of Lanes	1				
Paved Width (ft)	23				
Lane Width (ft)	23				
Shoulder Width (ft)	0				
Roadway Condition Information					
PCR (Pavement Condition Rating)	39				
RCI (Roughness Condition Index)	90				
SCR (Surface Condition Rating)	31				
Alligator Cracking Index	100				
Rutting Index	31				
Patching Index	100				
Transverse Cracking Index	99				
Longitudinal Cracking Index	99				
Shoulder Condition Rating	N/A				
Drainage Condition Rating	POOR				

ROUTE: 0104 Moore House Access Road

* NC designates data not collected NA designates not applicable
 ** See website for traffic data: <http://www.efl.fhwa.dot.gov/nps/index.htm>



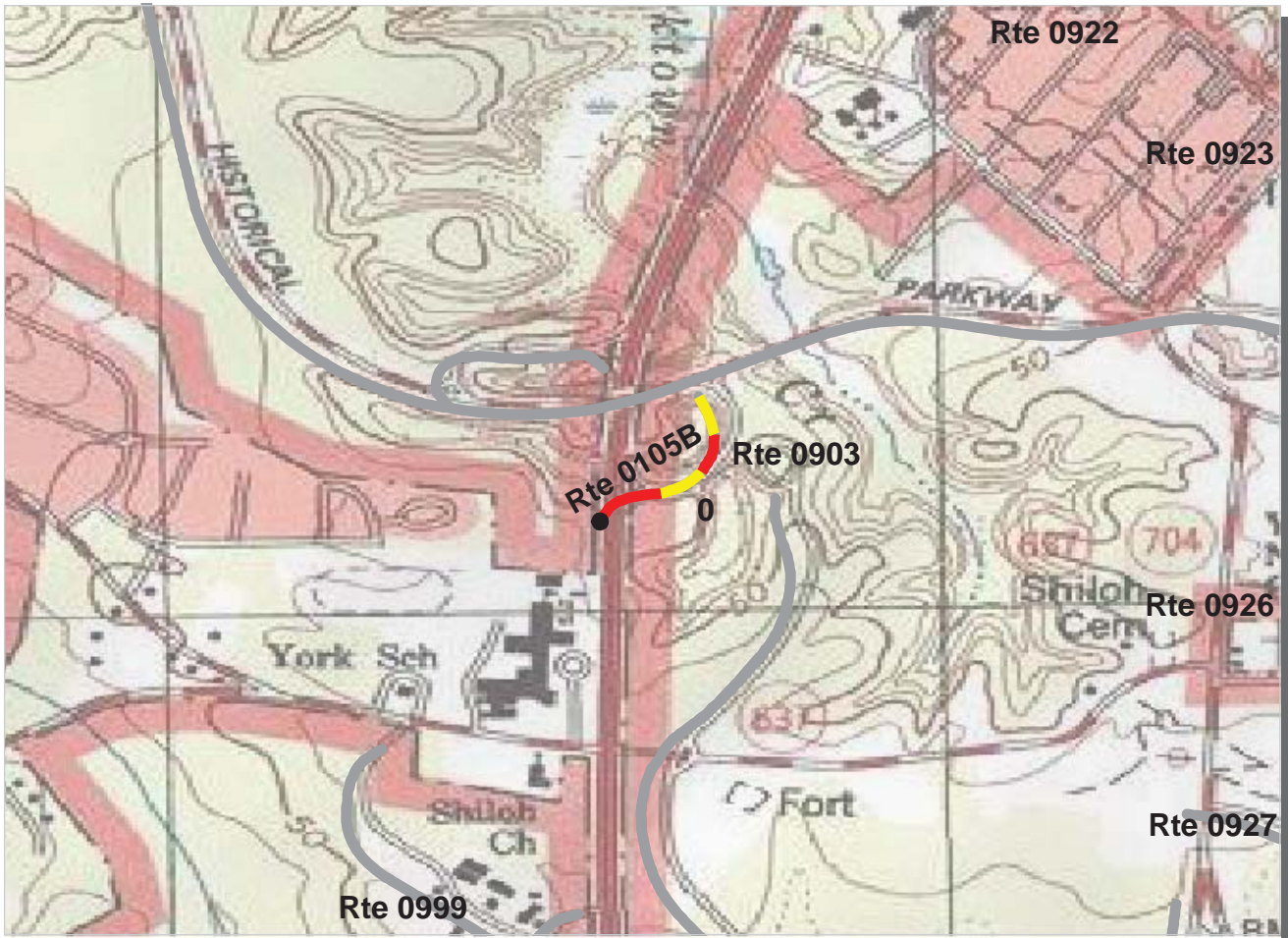
Northeast Region
COLO : Colonial National Historical Park

ROUTE: 0105A Us Rte 17 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)	25				
Lane Width (ft)	12				
Shoulder Width (ft)	0				
Roadway Condition Information					
PCR (Pavement Condition Rating)	65				
RCI (Roughness Condition Index)	78				
SCR (Surface Condition Rating)	61				
Alligator Cracking Index	100				
Rutting Index	61				
Patching Index	100				
Transverse Cracking Index	100				
Longitudinal Cracking Index	100				
Shoulder Condition Rating	N/A				
Drainage Condition Rating	GOOD				

ROUTE: 0105A Us Rte 17 Access Road

* NC designates data not collected NA designates not applicable
 ** See website for traffic data: <http://www.efl.fhwa.dot.gov/nps/index.htm>



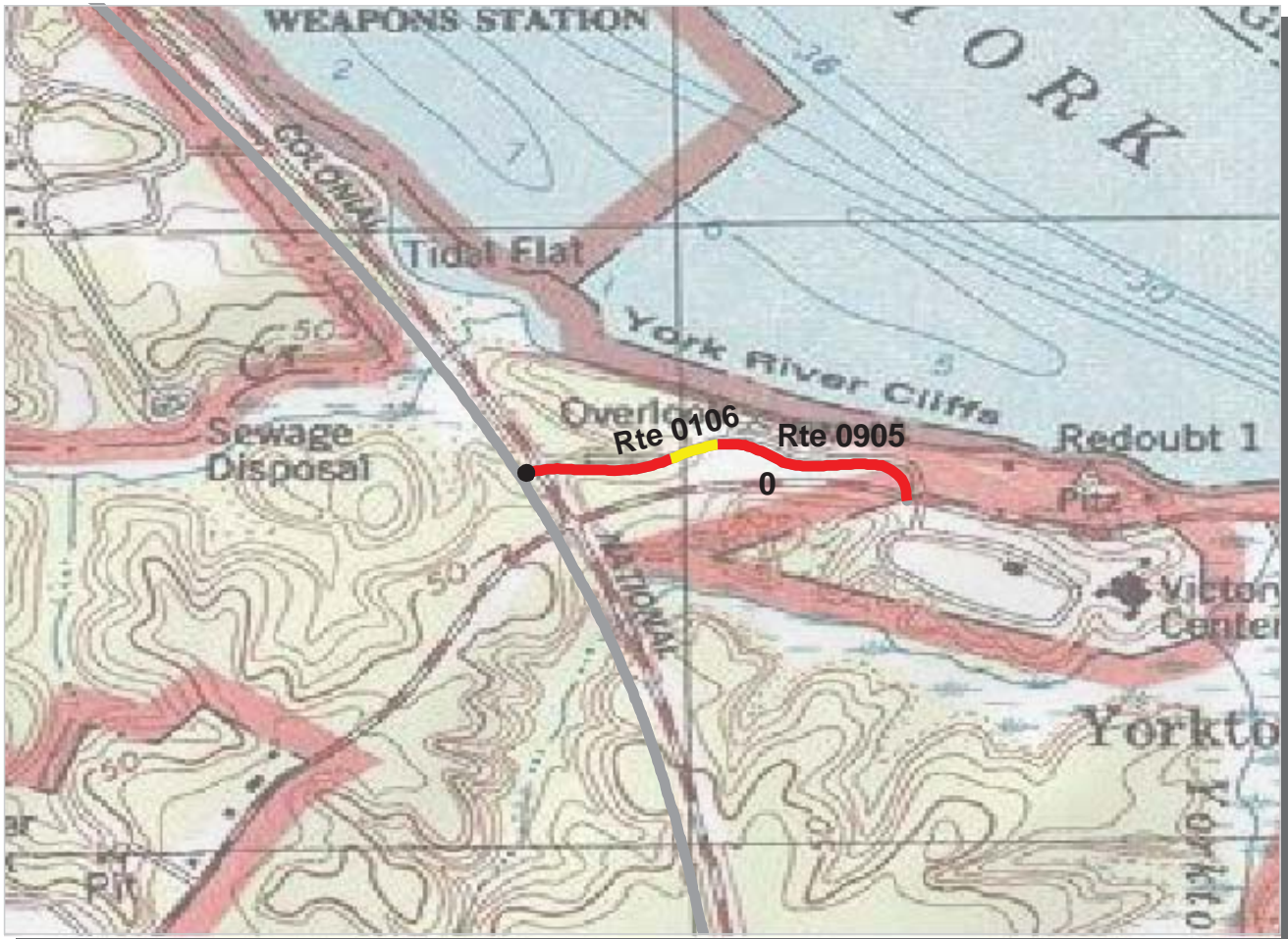
Northeast Region
COLO : Colonial National Historical Park

ROUTE: 0105B Us Rte 17 Access Road **TOTAL LENGTH: 0.20 Miles**

Section Number	0				
Section Length (mi)	0.20				
AADT	**				
SADT	**				
ADT Date	**				
Cross Section Information					
Number of Lanes	2				
Paved Width (ft)	24				
Lane Width (ft)	12				
Shoulder Width (ft)	0				
Roadway Condition Information					
PCR (Pavement Condition Rating)	50				
RCI (Roughness Condition Index)	75				
SCR (Surface Condition Rating)	36				
Alligator Cracking Index	100				
Rutting Index	36				
Patching Index	100				
Transverse Cracking Index	100				
Longitudinal Cracking Index	100				
Shoulder Condition Rating	N/A				
Drainage Condition Rating	GOOD				

ROUTE: 0105B Us Rte 17 Access Road

* NC designates data not collected NA designates not applicable
 ** See website for traffic data: <http://www.efl.fhwa.dot.gov/nps/index.htm>



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

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

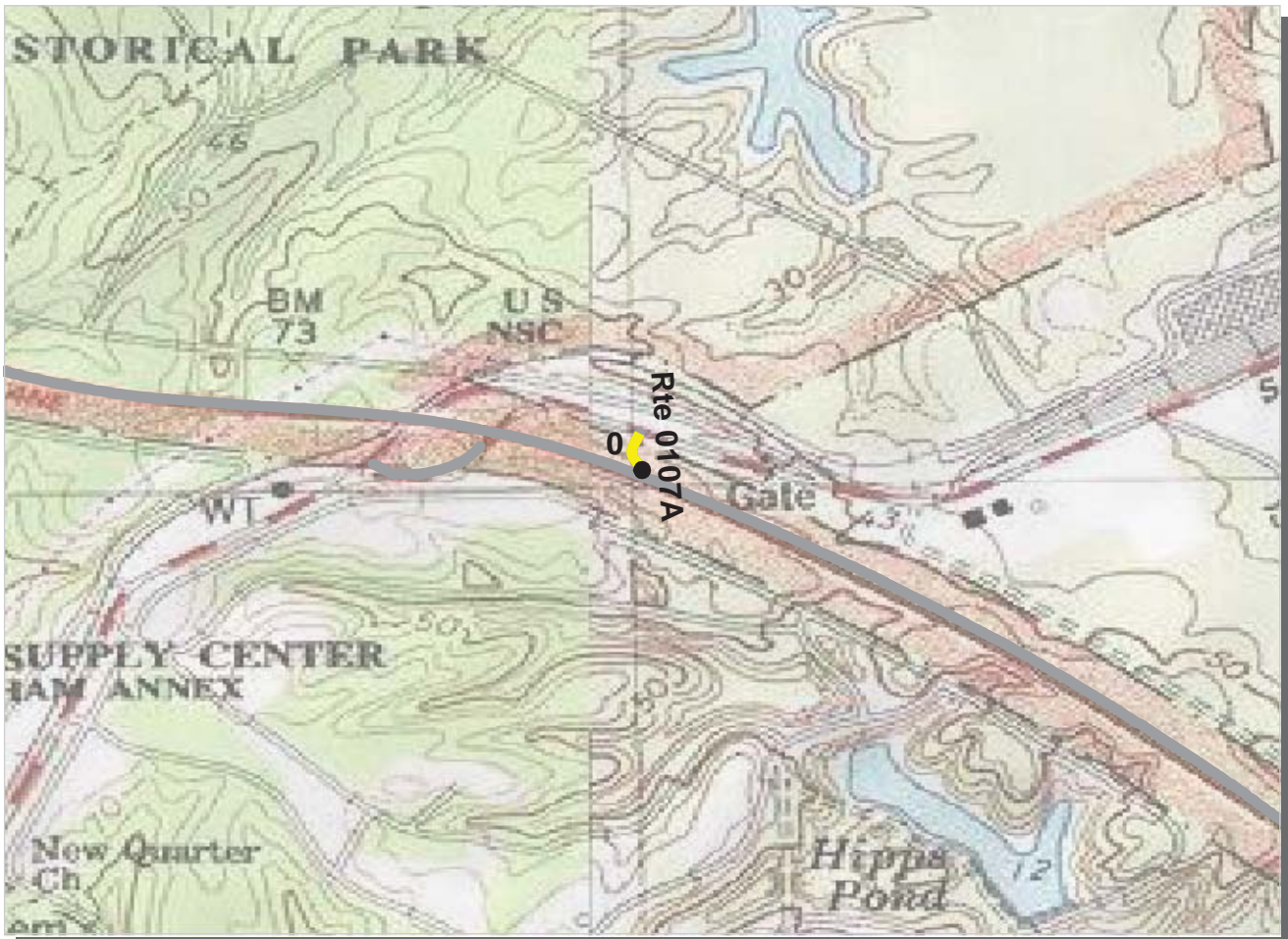
Northeast Region
COLO : Colonial National Historical Park

ROUTE: 0106 FUSILIER'S ROAD **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)	23				
Lane Width (ft)	11				
Shoulder Width (ft)	0				
Roadway Condition Information					
PCR (Pavement Condition Rating)	51				
RCI (Roughness Condition Index)	81				
SCR (Surface Condition Rating)	42				
Alligator Cracking Index	93				
Rutting Index	47				
Patching Index	100				
Transverse Cracking Index	99				
Longitudinal Cracking Index	96				
Shoulder Condition Rating	N/A				
Drainage Condition Rating	GOOD				

ROUTE: 0106 FUSILIER'S ROAD

* NC designates data not collected NA designates not applicable
 ** See website for traffic data: <http://www.efl.fhwa.dot.gov/nps/index.htm>



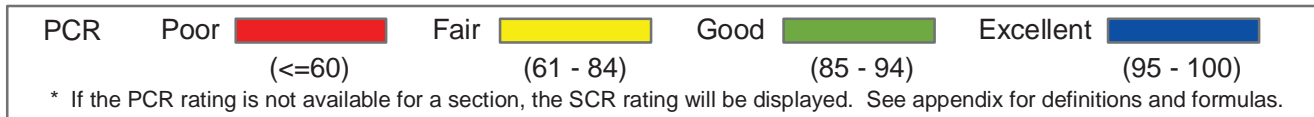
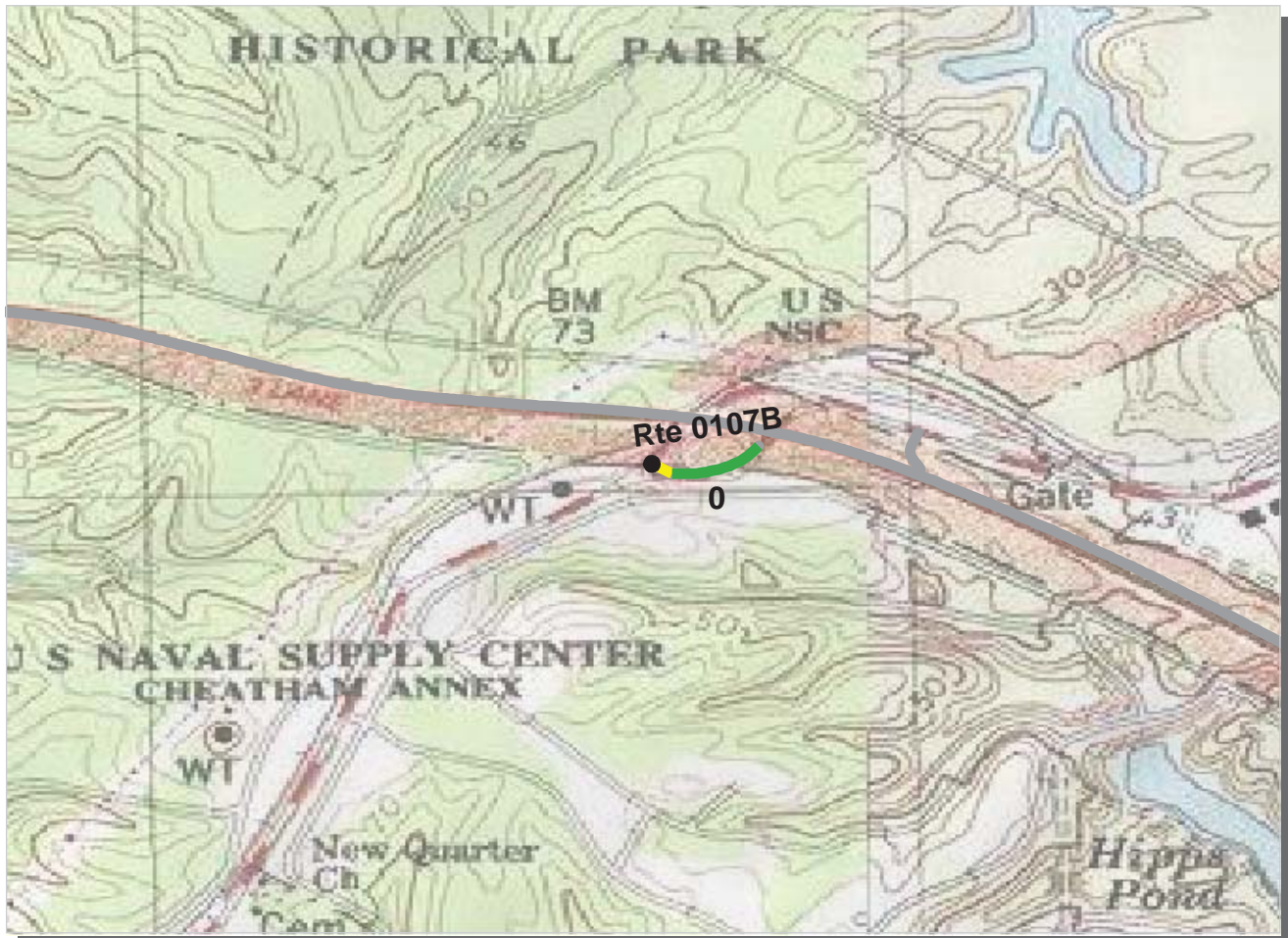
Northeast Region
COLO : Colonial National Historical Park

ROUTE: 0107A Cheatham Annex Access Road **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)	23				
Lane Width (ft)	13				
Shoulder Width (ft)	0				
Roadway Condition Information					
PCR (Pavement Condition Rating)	83				
RCI (Roughness Condition Index)	NC				
SCR (Surface Condition Rating)	83				
Alligator Cracking Index	100				
Rutting Index	83				
Patching Index	100				
Transverse Cracking Index	100				
Longitudinal Cracking Index	100				
Shoulder Condition Rating	N/A				
Drainage Condition Rating	POOR				

ROUTE: 0107A Cheatham Annex Access Road

* NC designates data not collected NA designates not applicable
 ** See website for traffic data: <http://www.efl.fhwa.dot.gov/nps/index.htm>



Northeast Region

COLO : Colonial National Historical Park

ROUTE: 0107B Cheatham Annex 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)	23				
Lane Width (ft)	13				
Shoulder Width (ft)	0				
Roadway Condition Information					
PCR (Pavement Condition Rating)	83				
RCI (Roughness Condition Index)	NC				
SCR (Surface Condition Rating)	83				
Alligator Cracking Index	100				
Rutting Index	83				
Patching Index	100				
Transverse Cracking Index	100				
Longitudinal Cracking Index	100				
Shoulder Condition Rating	N/A				
Drainage Condition Rating	POOR				

ROUTE: 0107B Cheatham Annex Access Road

* NC designates data not collected NA designates not applicable
 ** See website for traffic data: <http://www.efl.fhwa.dot.gov/nps/index.htm>



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

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

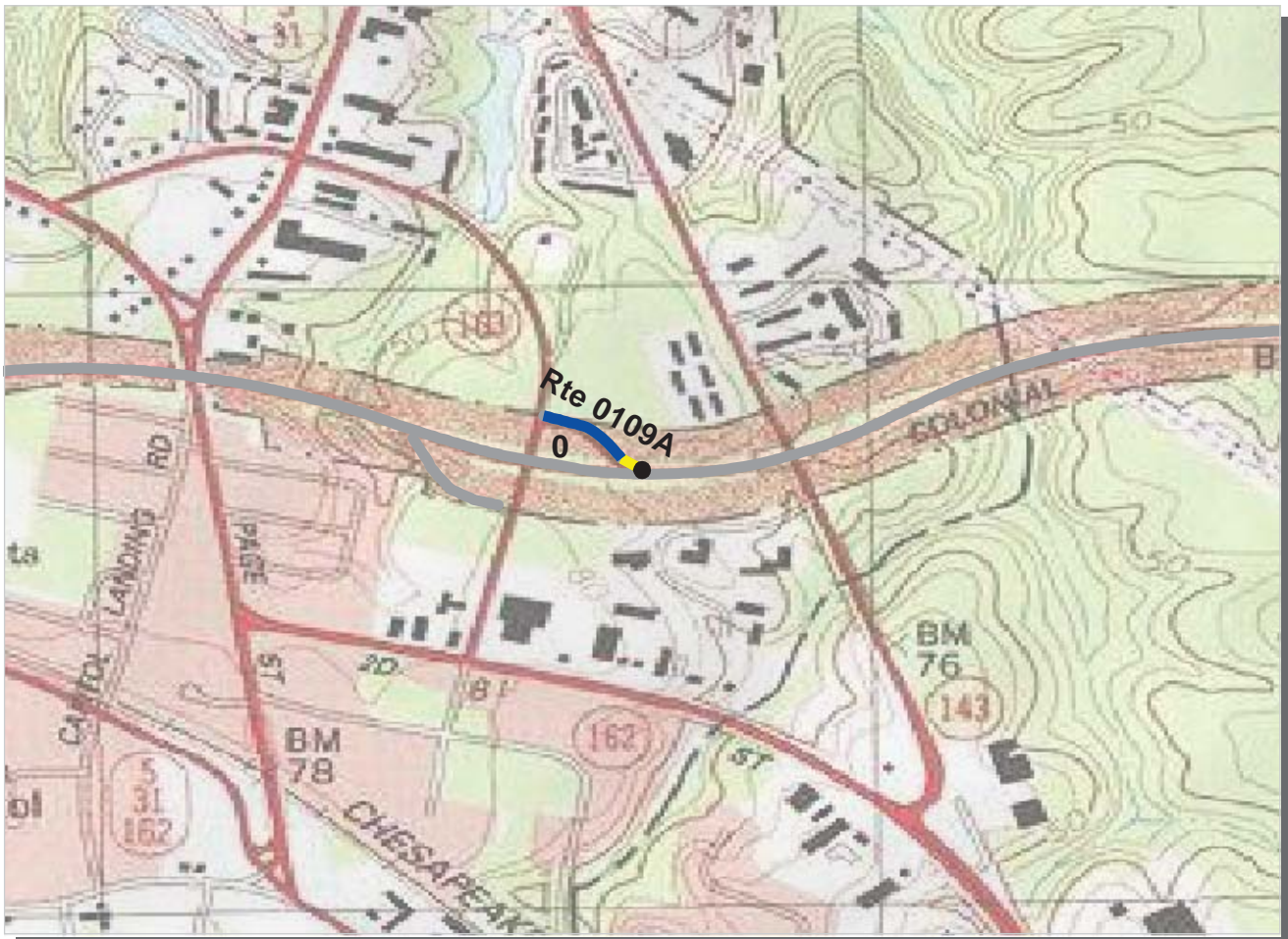
Northeast Region
COLO : Colonial National Historical Park

ROUTE: 0108A Queens Lake Access **TOTAL LENGTH: 0.14 Miles**

Section Number	0				
Section Length (mi)	0.14				
AADT	**				
SADT	**				
ADT Date	**				
Cross Section Information					
Number of Lanes	1				
Paved Width (ft)	10				
Lane Width (ft)	10				
Shoulder Width (ft)	0				
Roadway Condition Information					
PCR (Pavement Condition Rating)	78				
RCI (Roughness Condition Index)	64				
SCR (Surface Condition Rating)	80				
Alligator Cracking Index	100				
Rutting Index	80				
Patching Index	100				
Transverse Cracking Index	99				
Longitudinal Cracking Index	100				
Shoulder Condition Rating	N/A				
Drainage Condition Rating	POOR				

ROUTE: 0108A Queens Lake Access

* NC designates data not collected NA designates not applicable
 ** See website for traffic data: <http://www.efl.fhwa.dot.gov/nps/index.htm>



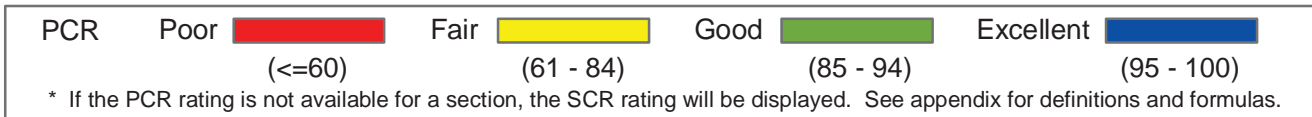
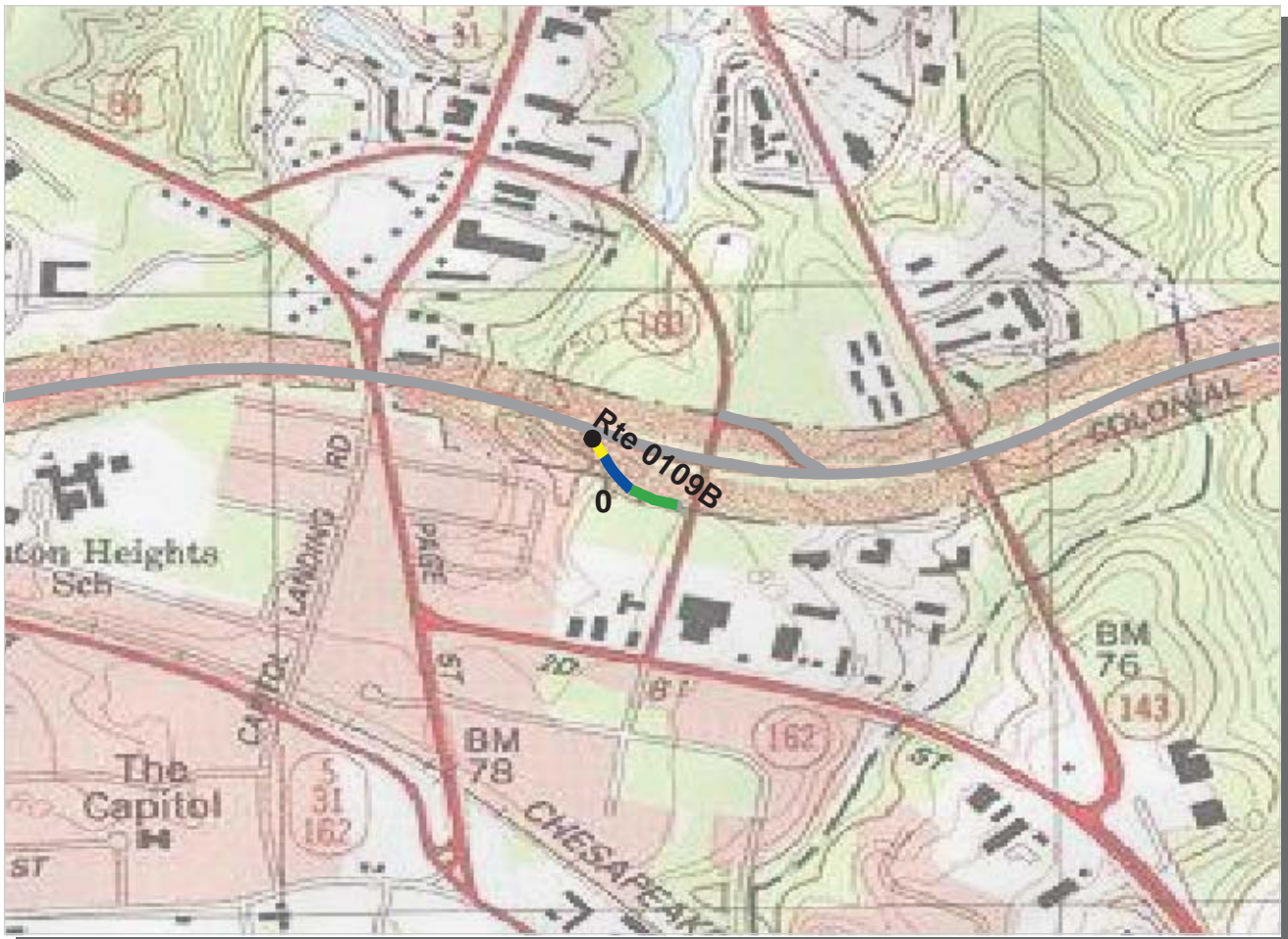
Northeast Region
COLO : Colonial National Historical Park

ROUTE: 0109A Parkway Drive Access Road **TOTAL LENGTH: 0.11 Miles**

Section Number	0				
Section Length (mi)	0.11				
AADT	**				
SADT	**				
ADT Date	**				
Cross Section Information					
Number of Lanes	1				
Paved Width (ft)	12				
Lane Width (ft)	12				
Shoulder Width (ft)	0				
Roadway Condition Information					
PCR (Pavement Condition Rating)	87				
RCI (Roughness Condition Index)	NC				
SCR (Surface Condition Rating)	87				
Alligator Cracking Index	100				
Rutting Index	87				
Patching Index	100				
Transverse Cracking Index	99				
Longitudinal Cracking Index	100				
Shoulder Condition Rating	N/A				
Drainage Condition Rating	POOR				

ROUTE: 0109A Parkway Drive Access Road

* NC designates data not collected NA designates not applicable
 ** See website for traffic data: <http://www.efl.fhwa.dot.gov/nps/index.htm>



Northeast Region

COLO : Colonial National Historical Park

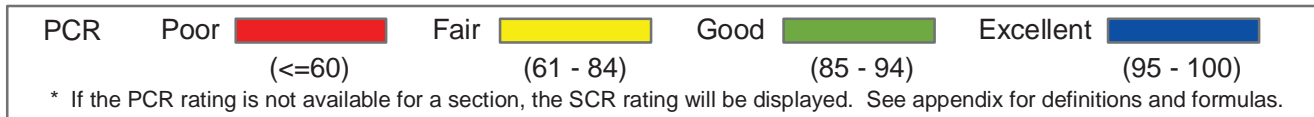
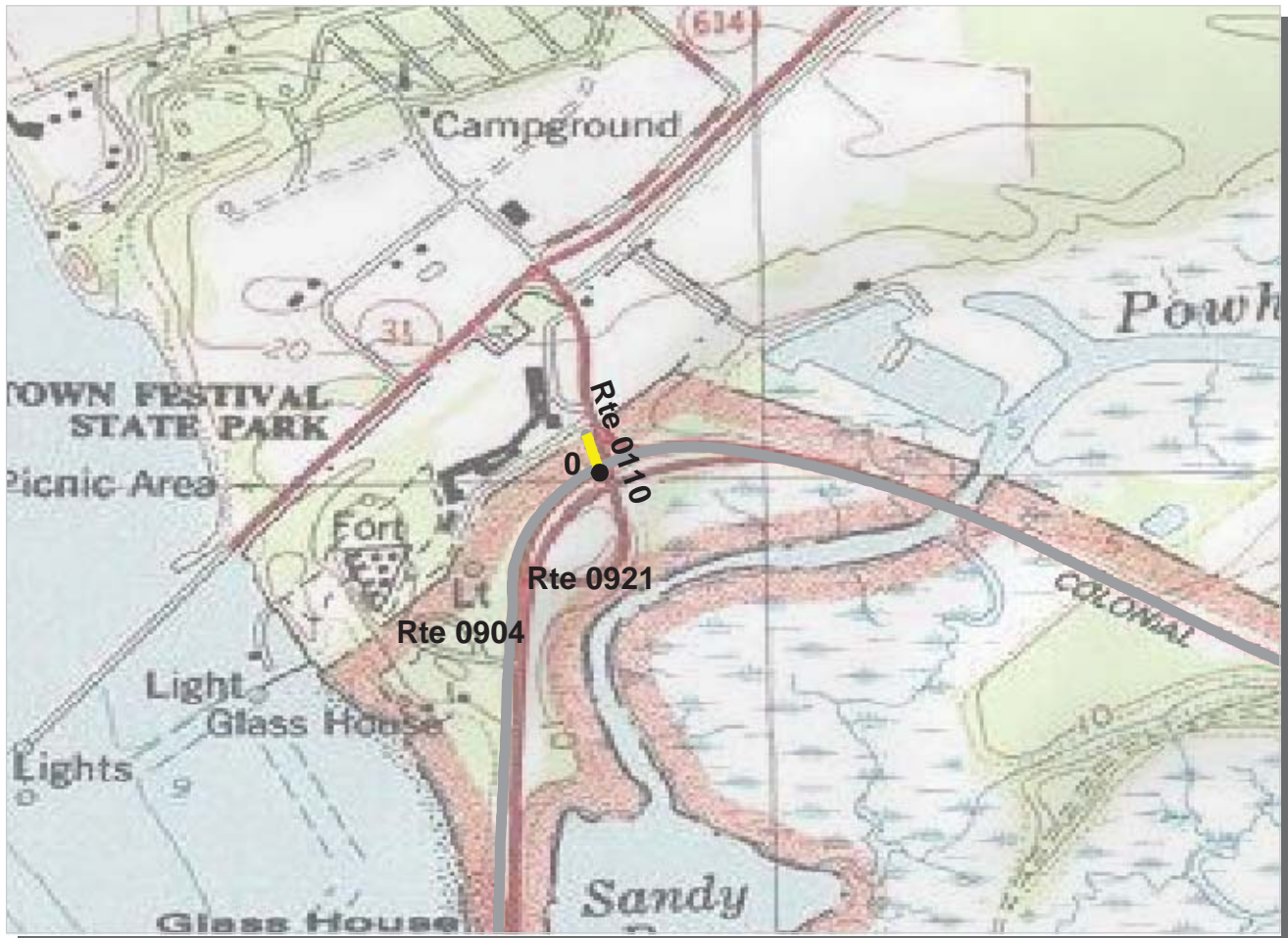
ROUTE: 0109B Parkway Drive Access Road

TOTAL LENGTH: 0.12 Miles

Section Number	0				
Section Length (mi)	0.12				
AADT	**				
SADT	**				
ADT Date	**				
Cross Section Information					
Number of Lanes	1				
Paved Width (ft)	11				
Lane Width (ft)	11				
Shoulder Width (ft)	0				
Roadway Condition Information					
PCR (Pavement Condition Rating)	75				
RCI (Roughness Condition Index)	NC				
SCR (Surface Condition Rating)	75				
Alligator Cracking Index	100				
Rutting Index	75				
Patching Index	100				
Transverse Cracking Index	100				
Longitudinal Cracking Index	100				
Shoulder Condition Rating	N/A				
Drainage Condition Rating	POOR				

ROUTE: 0109B Parkway Drive Access Road

* NC designates data not collected NA designates not applicable
 ** See website for traffic data: <http://www.efl.fhwa.dot.gov/nps/index.htm>



Northeast Region

COLO : Colonial National Historical Park

ROUTE: 0110 Tazewell Hall 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)	12				
Shoulder Width (ft)	0				
Roadway Condition Information					
PCR (Pavement Condition Rating)	62				
RCI (Roughness Condition Index)	NC				
SCR (Surface Condition Rating)	62				
Alligator Cracking Index	100				
Rutting Index	62				
Patching Index	100				
Transverse Cracking Index	100				
Longitudinal Cracking Index	100				
Shoulder Condition Rating	N/A				
Drainage Condition Rating	N/C				

ROUTE: 0110 Tazewell Hall Access Road

* NC designates data not collected NA designates not applicable

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



Northeast Region

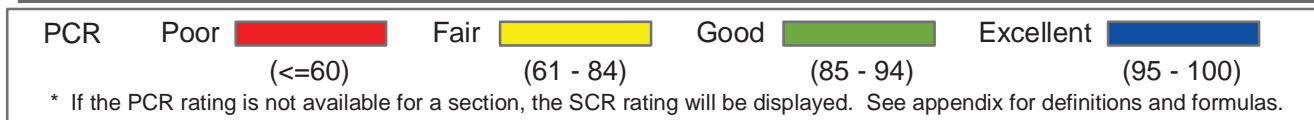
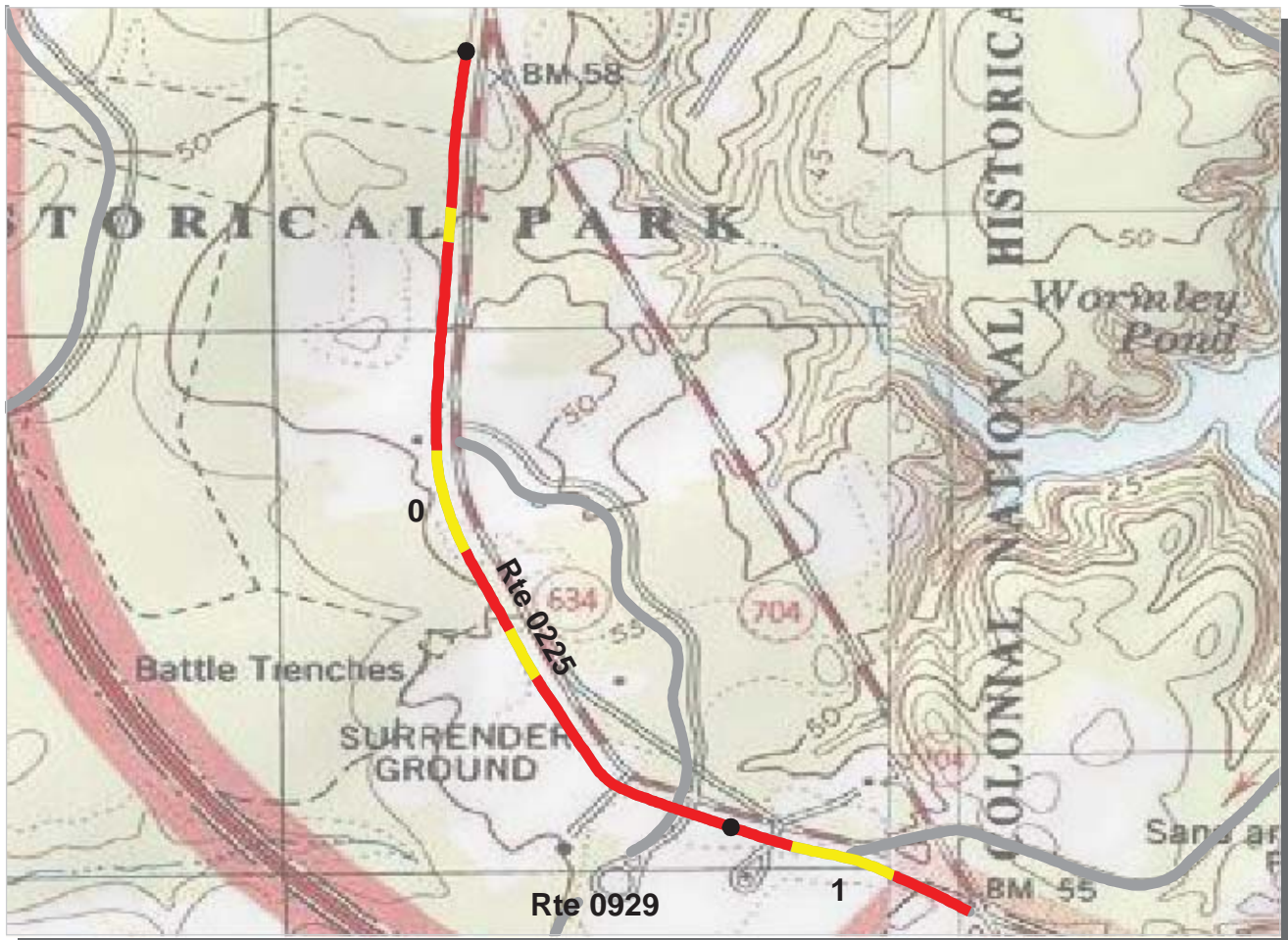
COLO : Colonial National Historical Park

ROUTE: 0224 WASHINGTON'S HEADQUARTERS ROAD TOTAL LENGTH: 0.28 Miles

Section Number	0				
Section Length (mi)	0.28				
AADT	**				
SADT	**				
ADT Date	**				
Cross Section Information					
Number of Lanes	2				
Paved Width (ft)	23				
Lane Width (ft)	11				
Shoulder Width (ft)	0				
Roadway Condition Information					
PCR (Pavement Condition Rating)	25				
RCI (Roughness Condition Index)	NC				
SCR (Surface Condition Rating)	25				
Alligator Cracking Index	100				
Rutting Index	26				
Patching Index	100				
Transverse Cracking Index	99				
Longitudinal Cracking Index	99				
Shoulder Condition Rating	N/A				
Drainage Condition Rating	POOR				

ROUTE: 0224 WASHINGTON'S HEADQUARTERS ROAD

* NC designates data not collected NA designates not applicable
 ** See website for traffic data: <http://www.efl.fhwa.dot.gov/nps/index.htm>



Northeast Region

COLO : Colonial National Historical Park

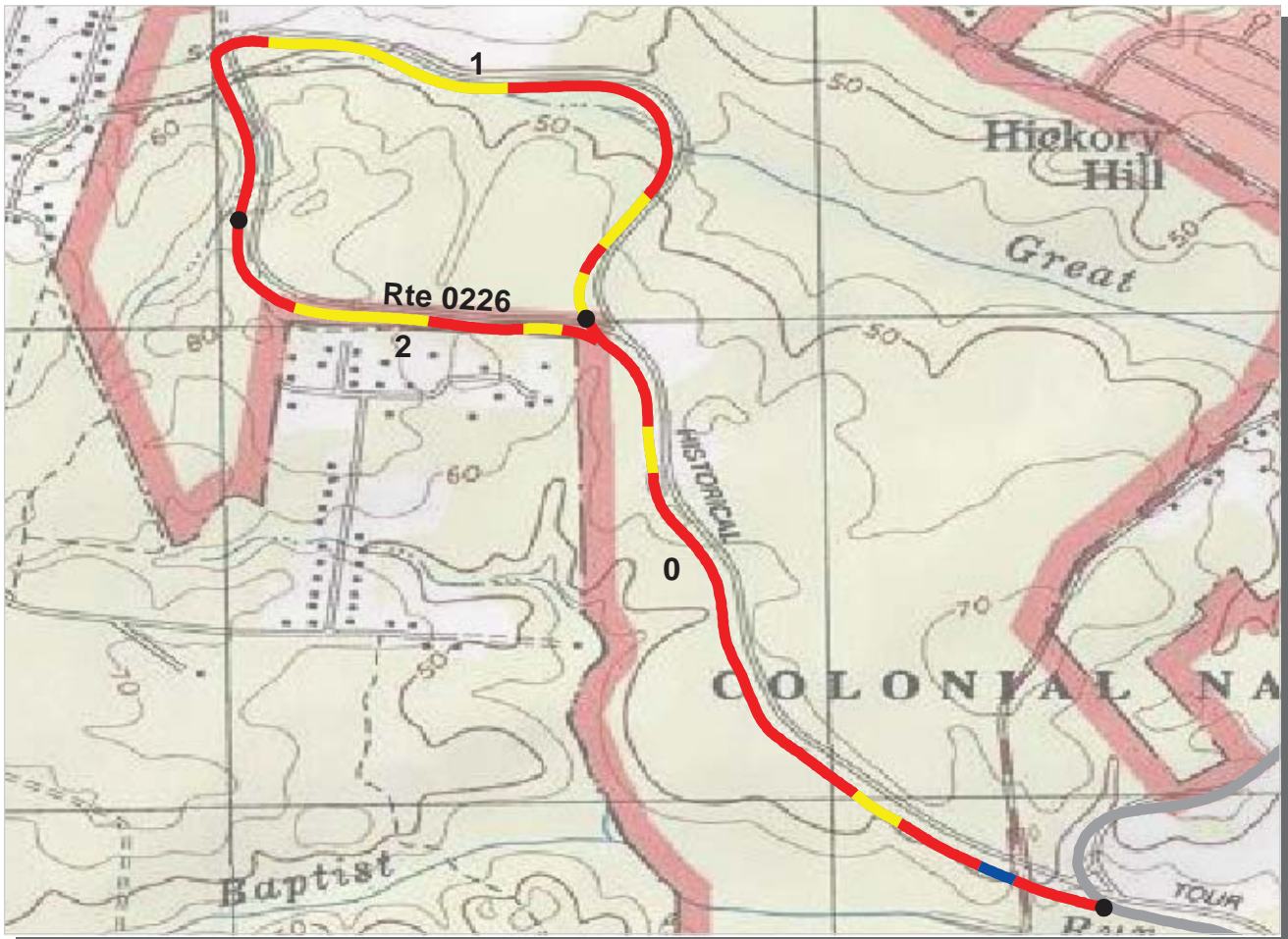
ROUTE: 0225 Surrender Road

TOTAL LENGTH: 1.26 Miles

Section Number	0	1			
Section Length (mi)	1.00	0.26			
AADT	**				
SADT	**				
ADT Date	**				
Cross Section Information					
Number of Lanes	2	2			
Paved Width (ft)	18	18			
Lane Width (ft)	9	9			
Shoulder Width (ft)	0	0			
Roadway Condition Information					
PCR (Pavement Condition Rating)	52	44			
RCI (Roughness Condition Index)	91	96			
SCR (Surface Condition Rating)	28	24			
Alligator Cracking Index	100	100			
Rutting Index	28	24			
Patching Index	100	100			
Transverse Cracking Index	99	100			
Longitudinal Cracking Index	99	100			
Shoulder Condition Rating	N/A	N/A			
Drainage Condition Rating	POOR	POOR			

ROUTE: 0225 Surrender Road

* NC designates data not collected NA designates not applicable
 ** See website for traffic data: <http://www.efl.fhwa.dot.gov/nps/index.htm>



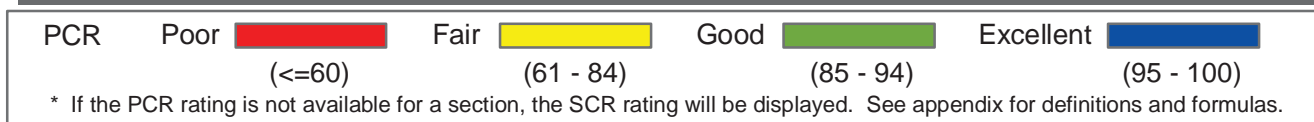
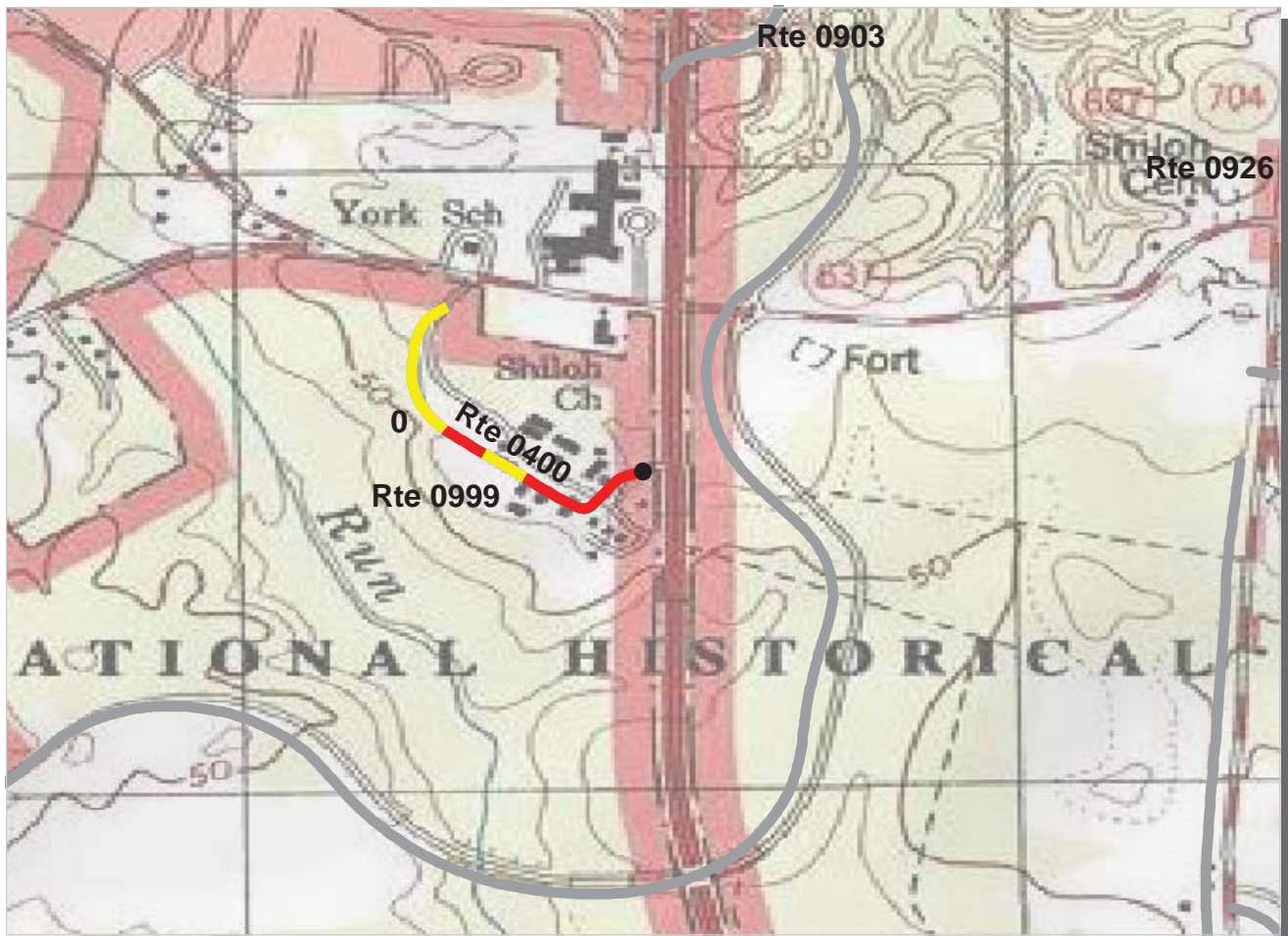
Northeast Region
COLO : Colonial National Historical Park

ROUTE: 0226 French Encampment Tour Road **TOTAL LENGTH: 2.47 Miles**

Section Number	0	1	2		
Section Length (mi)	1.00	1.00	0.47		
AADT	**				
SADT	**				
ADT Date	**				
Cross Section Information					
Number of Lanes	1	1	1		
Paved Width (ft)	12	12	12		
Lane Width (ft)	12	12	12		
Shoulder Width (ft)	0	0	0		
Roadway Condition Information					
PCR (Pavement Condition Rating)	51	53	57		
RCI (Roughness Condition Index)	94	97	97		
SCR (Surface Condition Rating)	25	27	31		
Alligator Cracking Index	100	100	100		
Rutting Index	25	28	32		
Patching Index	100	100	100		
Transverse Cracking Index	99	99	99		
Longitudinal Cracking Index	99	99	99		
Shoulder Condition Rating	N/A	N/A	N/A		
Drainage Condition Rating	POOR	POOR	POOR		

ROUTE: 0226 French Encampment Tour Road

* NC designates data not collected NA designates not applicable
 ** See website for traffic data: <http://www.efl.fhwa.dot.gov/nps/index.htm>



Northeast Region

COLO : Colonial National Historical Park

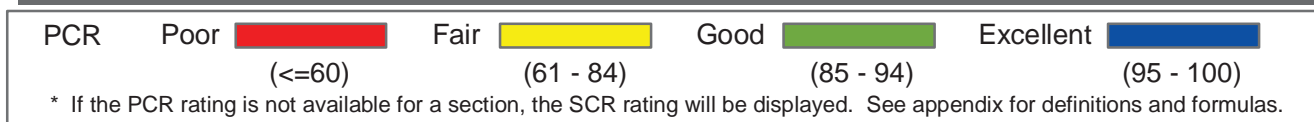
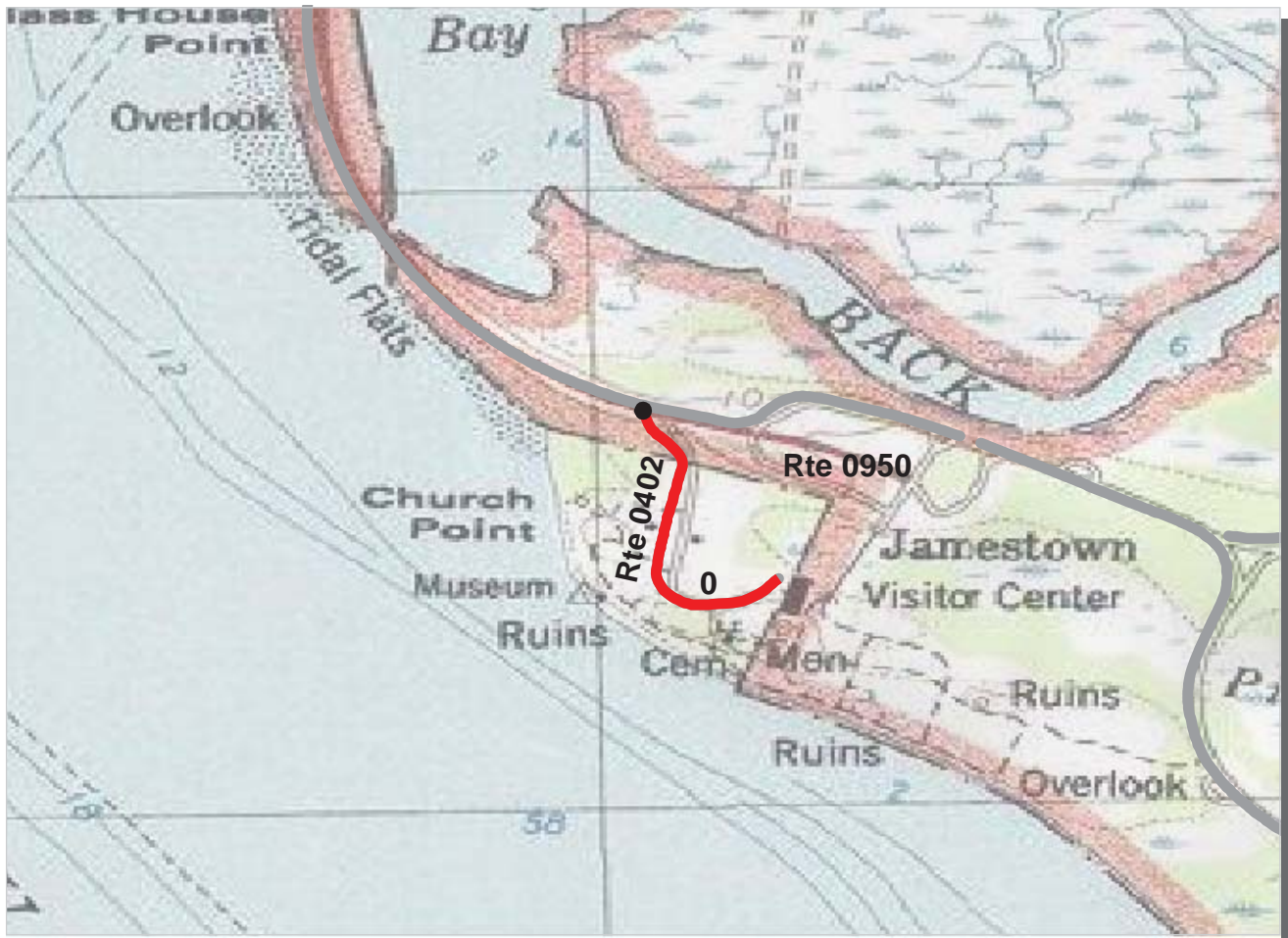
ROUTE: 0400 Yorktown Maintenance Road

TOTAL LENGTH: 0.36 Miles

Section Number	0				
Section Length (mi)	0.36				
AADT	**				
SADT	**				
ADT Date	**				
Cross Section Information					
Number of Lanes	2				
Paved Width (ft)	20				
Lane Width (ft)	8				
Shoulder Width (ft)	0				
Roadway Condition Information					
PCR (Pavement Condition Rating)	59				
RCI (Roughness Condition Index)	82				
SCR (Surface Condition Rating)	54				
Alligator Cracking Index	99				
Rutting Index	62				
Patching Index	99				
Transverse Cracking Index	97				
Longitudinal Cracking Index	95				
Shoulder Condition Rating	N/A				
Drainage Condition Rating	POOR				

ROUTE: 0400 Yorktown Maintenance Road

* NC designates data not collected NA designates not applicable
 ** See website for traffic data: <http://www.efl.fhwa.dot.gov/nps/index.htm>



Northeast Region

COLO : Colonial National Historical Park

ROUTE: 0402 APVA Access Road/Skip's Dirt Road

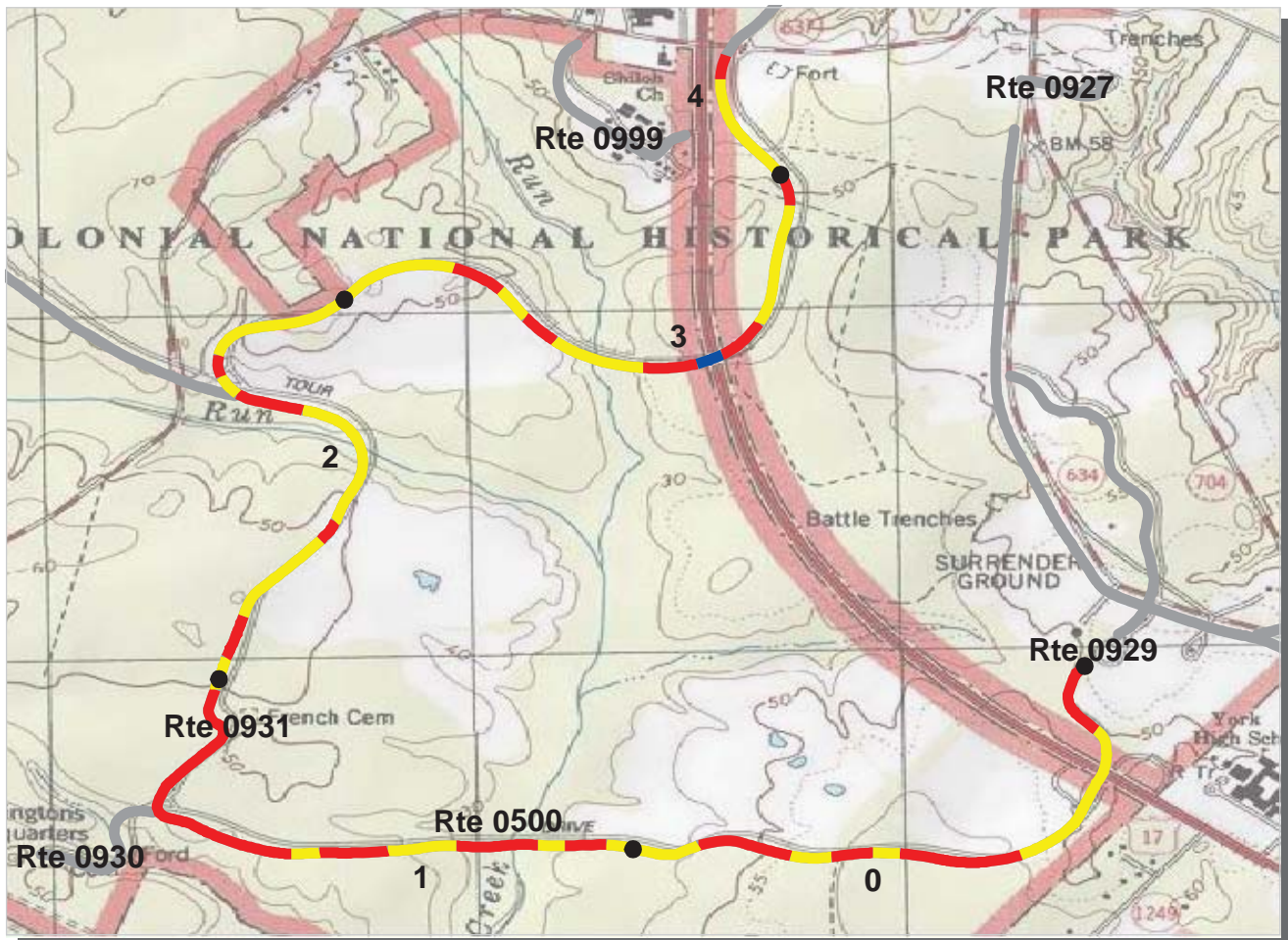
TOTAL LENGTH: 0.31 Miles

Section Number	0				
Section Length (mi)	0.31				
AADT	**				
SADT	**				
ADT Date	**				
Cross Section Information					
Number of Lanes	1				
Paved Width (ft)	9				
Lane Width (ft)	9				
Shoulder Width (ft)	0				
Roadway Condition Information					
PCR (Pavement Condition Rating)	33				
RCI (Roughness Condition Index)	13				
SCR (Surface Condition Rating)	33				
Alligator Cracking Index	97				
Rutting Index	36				
Patching Index	100				
Transverse Cracking Index	100				
Longitudinal Cracking Index	100				
Shoulder Condition Rating	N/A				
Drainage Condition Rating	N/C				

ROUTE: 0402 APVA Access Road/Skip's Dirt Road

* NC designates data not collected NA designates not applicable

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



PCR Poor ■ Fair ■ Good ■ Excellent ■
 (<=60) (61 - 84) (85 - 94) (95 - 100)
 * If the PCR rating is not available for a section, the SCR rating will be displayed. See appendix for definitions and formulas.

Northeast Region

COLO : Colonial National Historical Park

ROUTE: 0500 BATTLEFIELD TOUR ROAD

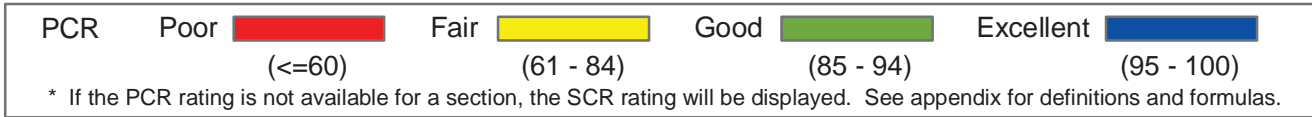
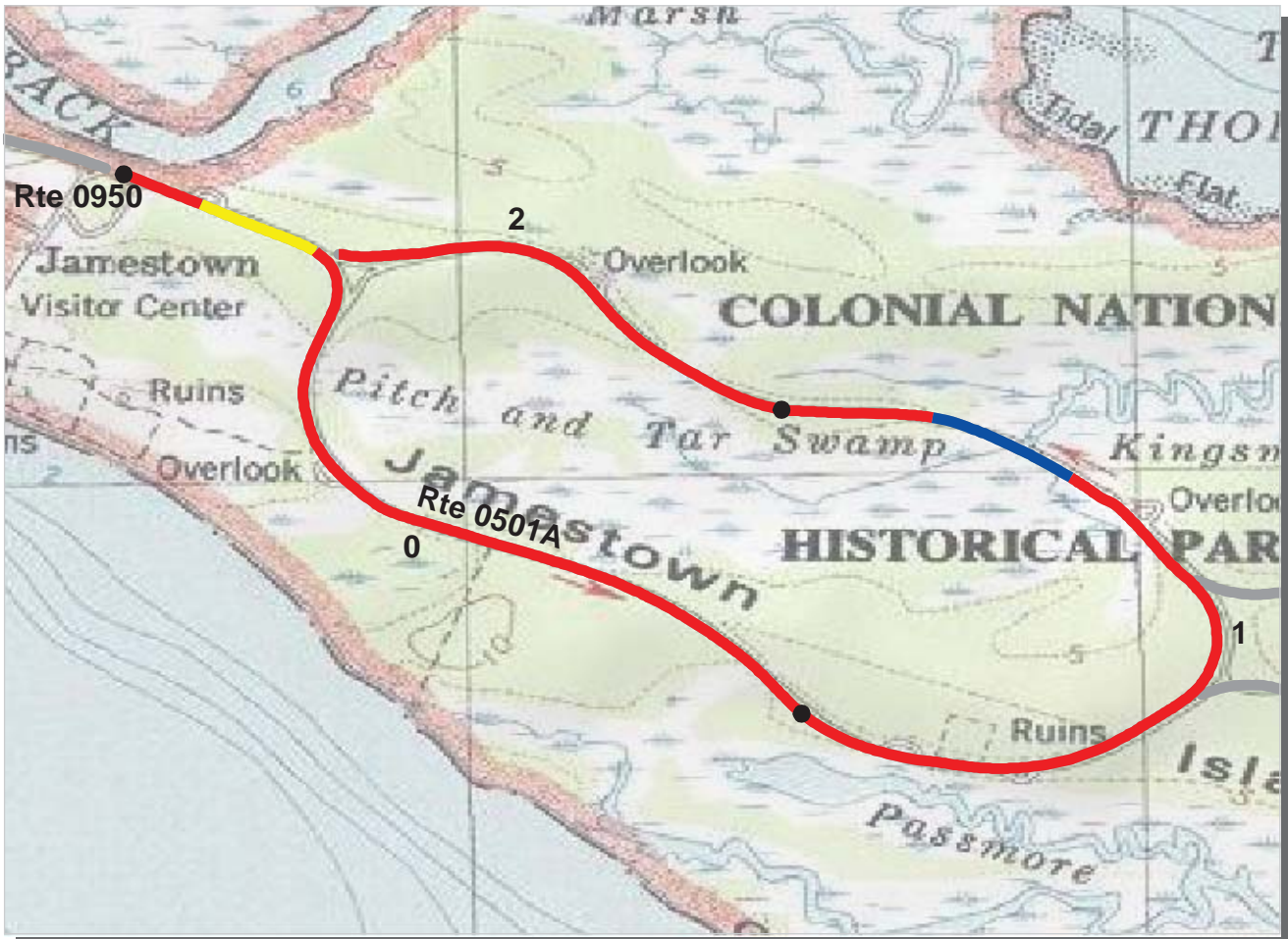
TOTAL LENGTH: 4.25 Miles

Section Number	0	1	2	3	4
Section Length (mi)	1.00	1.00	1.00	1.00	0.25
AADT	**				
SADT	**				
ADT Date	**				
Cross Section Information					
Number of Lanes	1	1	1	1	1
Paved Width (ft)	13	12	13	12	12
Lane Width (ft)	13	12	13	12	12
Shoulder Width (ft)	0	0	2	0	0
Roadway Condition Information					
PCR (Pavement Condition Rating)	58	51	60	58	58
RCI (Roughness Condition Index)	94	95	93	97	97
SCR (Surface Condition Rating)	36	30	38	38	43
Alligator Cracking Index	100	100	100	100	100
Rutting Index	37	30	38	38	43
Patching Index	100	100	100	100	100
Transverse Cracking Index	99	99	99	100	100
Longitudinal Cracking Index	99	99	99	99	99
Shoulder Condition Rating	N/A	N/A	N/C	N/A	N/A
Drainage Condition Rating	POOR	POOR	POOR	POOR	POOR

ROUTE: 0500 BATTLEFIELD TOUR ROAD

* NC designates data not collected NA designates not applicable

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



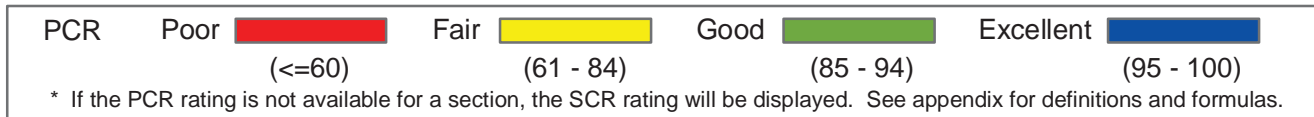
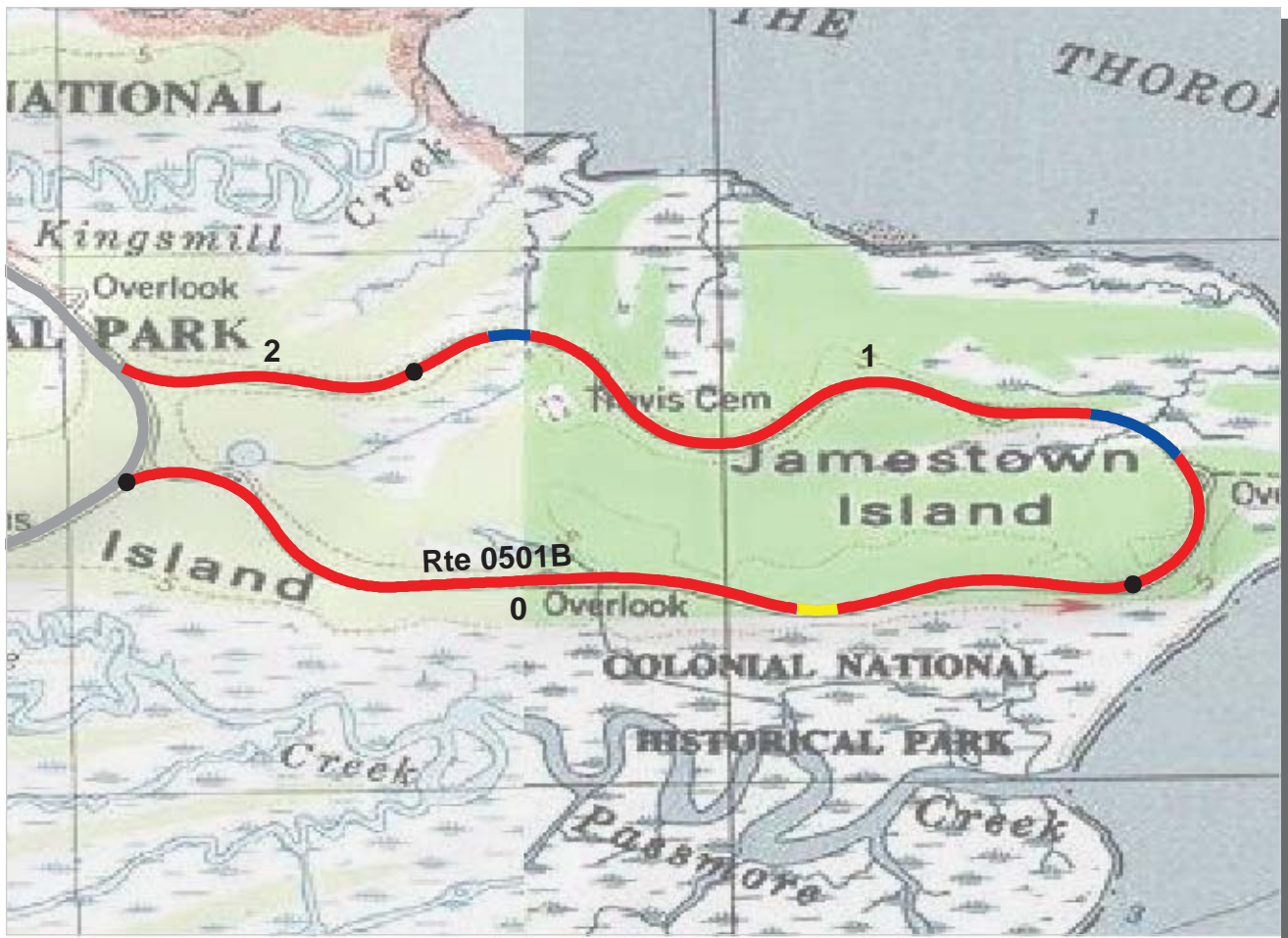
Northeast Region
COLO : Colonial National Historical Park

ROUTE: 0501A ISLAND DRIVE **TOTAL LENGTH: 2.50 Miles**

Section Number	0	1	2		
Section Length (mi)	1.00	1.00	0.50		
AADT	**				
SADT	**				
ADT Date	**				
Cross Section Information					
Number of Lanes	2	1	1		
Paved Width (ft)	19	13	13		
Lane Width (ft)	11	13	13		
Shoulder Width (ft)	0	0	0		
Roadway Condition Information					
PCR (Pavement Condition Rating)	49	44	30		
RCI (Roughness Condition Index)	88	84	77		
SCR (Surface Condition Rating)	25	29	17		
Alligator Cracking Index	100	100	100		
Rutting Index	25	29	17		
Patching Index	100	100	100		
Transverse Cracking Index	100	100	99		
Longitudinal Cracking Index	100	99	99		
Shoulder Condition Rating	N/A	N/A	N/A		
Drainage Condition Rating	POOR	POOR	POOR		

ROUTE: 0501A ISLAND DRIVE

* NC designates data not collected NA designates not applicable
 ** See website for traffic data: <http://www.efl.fhwa.dot.gov/nps/index.htm>



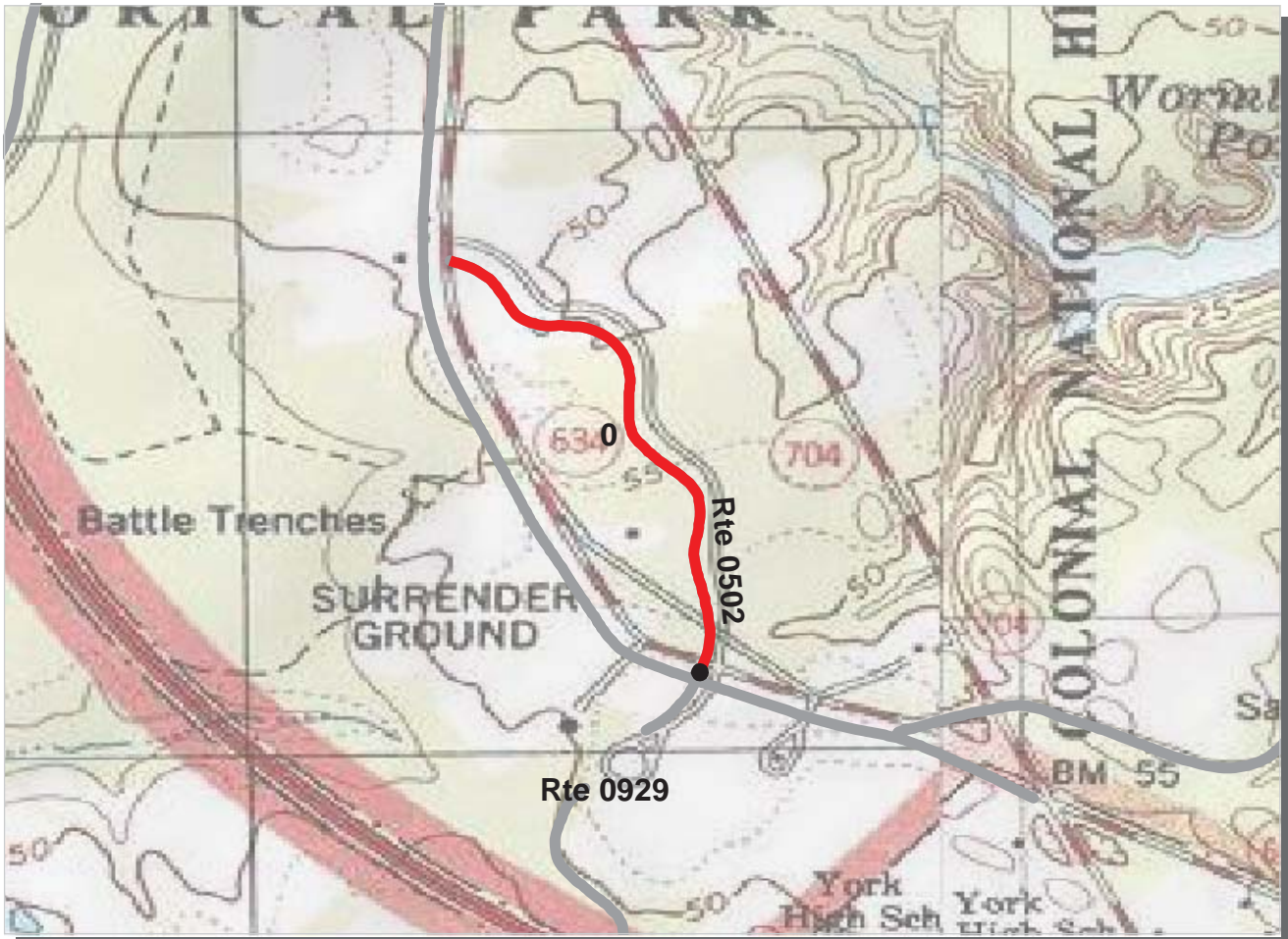
Northeast Region
COLO : Colonial National Historical Park

ROUTE: 0501B ISLAND DRIVE (OUTER LOOP) 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	1	1	1		
Paved Width (ft)	12	12	12		
Lane Width (ft)	12	12	12		
Shoulder Width (ft)	0	0	0		
Roadway Condition Information					
PCR (Pavement Condition Rating)	40	49	45		
RCI (Roughness Condition Index)	85	79	87		
SCR (Surface Condition Rating)	13	27	17		
Alligator Cracking Index	100	100	100		
Rutting Index	13	27	17		
Patching Index	100	100	100		
Transverse Cracking Index	99	99	100		
Longitudinal Cracking Index	99	99	100		
Shoulder Condition Rating	N/A	N/A	N/A		
Drainage Condition Rating	POOR	POOR	POOR		

ROUTE: 0501B ISLAND DRIVE (OUTER LOOP)

* NC designates data not collected NA designates not applicable
 ** See website for traffic data: <http://www.efl.fhwa.dot.gov/nps/index.htm>



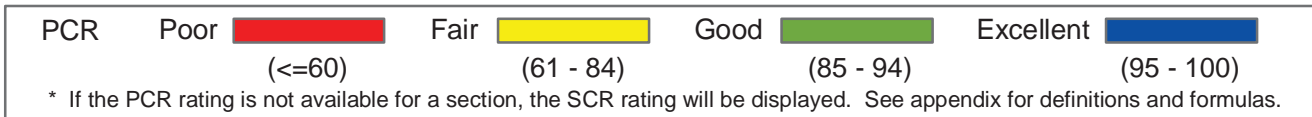
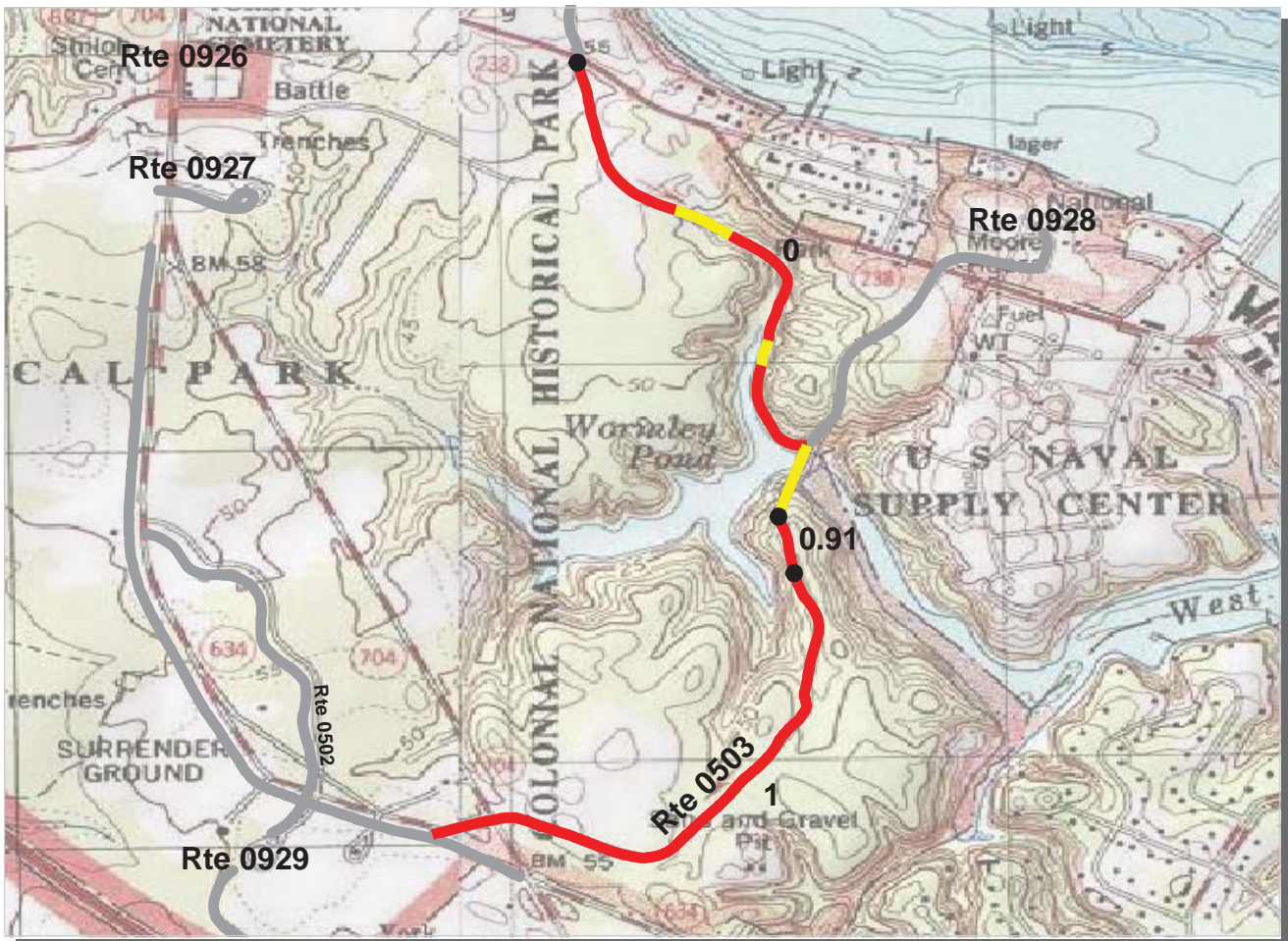
Northeast Region
COLO : Colonial National Historical Park

ROUTE: 0502 SHORT LOOP ROAD **TOTAL LENGTH: 0.54 Miles**

Section Number	0				
Section Length (mi)	0.54				
AADT	**				
SADT	**				
ADT Date	**				
Cross Section Information					
Number of Lanes	1				
Paved Width (ft)	12				
Lane Width (ft)	12				
Shoulder Width (ft)	0				
Roadway Condition Information					
PCR (Pavement Condition Rating)	45				
RCI (Roughness Condition Index)	96				
SCR (Surface Condition Rating)	21				
Alligator Cracking Index	100				
Rutting Index	21				
Patching Index	100				
Transverse Cracking Index	99				
Longitudinal Cracking Index	99				
Shoulder Condition Rating	N/A				
Drainage Condition Rating	POOR				

ROUTE: 0502 SHORT LOOP ROAD

* NC designates data not collected NA designates not applicable
 ** See website for traffic data: <http://www.efl.fhwa.dot.gov/nps/index.htm>



Northeast Region

COLO : Colonial National Historical Park

ROUTE: 0503 EAST TOUR ROAD

TOTAL LENGTH: 1.69 Miles

Section Number	0	0.91	1		
Section Length (mi)	0.77	0.09	0.83		
AADT	**				
SADT	**				
ADT Date	**				
Cross Section Information					
Number of Lanes	1	1	1		
Paved Width (ft)	11	12	12		
Lane Width (ft)	11	12	12		
Shoulder Width (ft)	0	0	0		
Roadway Condition Information					
PCR (Pavement Condition Rating)	52	20	25		
RCI (Roughness Condition Index)	87	-1	90		
SCR (Surface Condition Rating)	36	20	16		
Alligator Cracking Index	100	100	100		
Rutting Index	36	20	16		
Patching Index	100	100	100		
Transverse Cracking Index	99	99	99		
Longitudinal Cracking Index	99	99	99		
Shoulder Condition Rating	N/A	N/A	N/A		
Drainage Condition Rating	POOR	POOR	POOR		

ROUTE: 0503 EAST TOUR ROAD

* NC designates data not collected NA designates not applicable

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

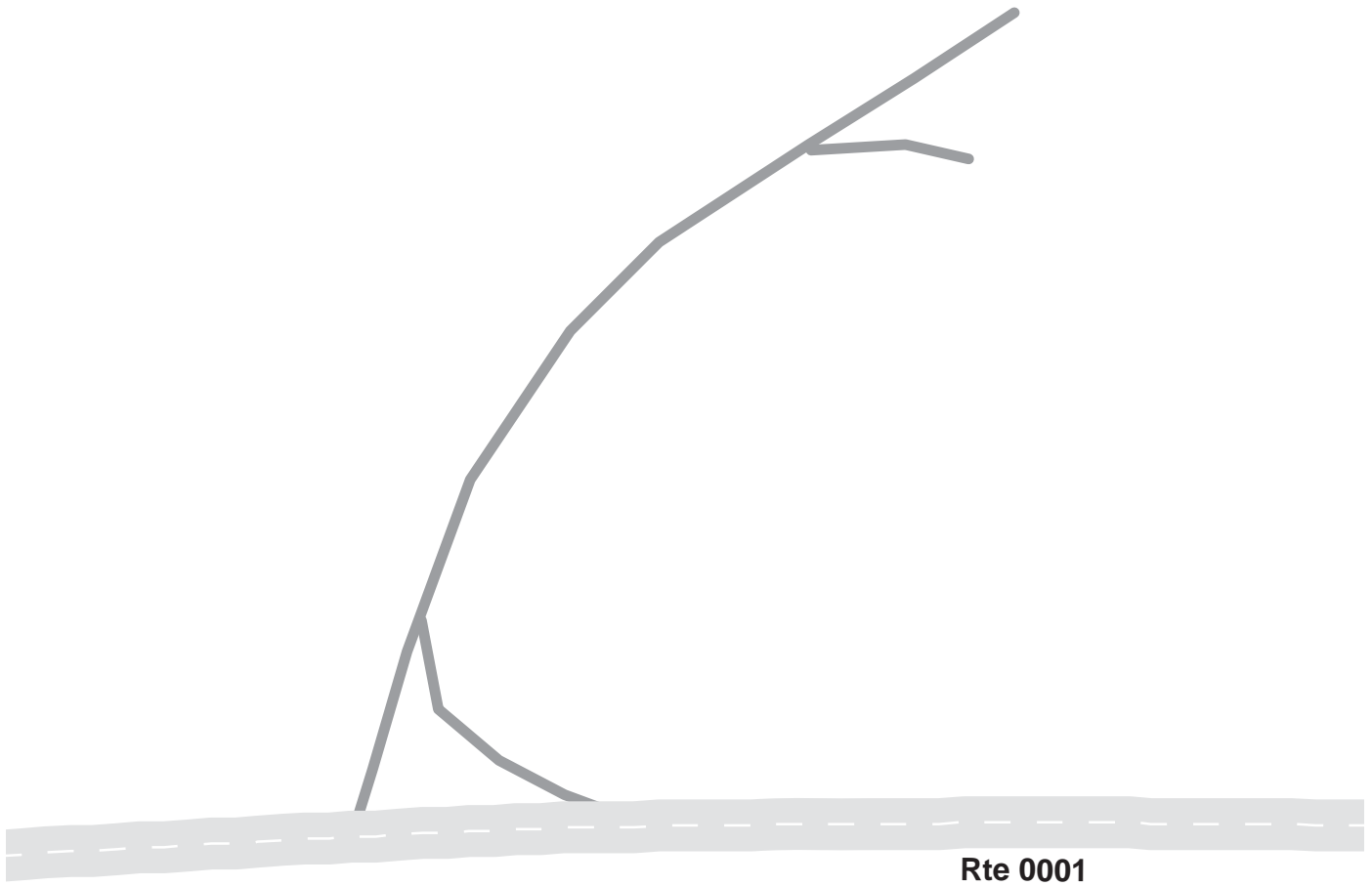
Colonial National Historical Park

Route 0108B

Queens Lake Access
From Route 0001 at MP 11.05

Route	Length (mi)	Width (ft)	Area (sq ft)	Lane Miles *	Condition / PCR	Surface Type
0108B	0.21	0.00	0	0.00	NC / -1	AS

* Lane miles are based on 11' lane widths



**Colonial National Historical Park
Route 0111A**

State Route 199 Interchange A
From Route 0001 at MP 14.5 on Right

Route	Length (mi)	Width (ft)	Area (sq ft)	Lane Miles *	Condition / PCR	Surface Type
0111A	0.15	12.00	9187	0.16	GOOD / 90	AS

* Lane miles are based on 11' lane widths



Colonial National Historical Park

Route 0111B

State Route 199 Interchange B
From Route 0001 at MP 14.6 on Right

Route	Length (mi)	Width (ft)	Area (sq ft)	Lane Miles *	Condition / PCR	Surface Type
0111B	0.19	12.00	11848	0.20	GOOD / 90	AS

* Lane miles are based on 11' lane widths



Colonial National Historical Park

Route 0111C

State Route 199 Interchange C
From Route 0001 at MP 14.5 on Left

Route	Length (mi)	Width (ft)	Area (sq ft)	Lane Miles *	Condition / PCR	Surface Type
0111C	0.14	12.00	8617	0.15	GOOD / 90	AS

* Lane miles are based on 11' lane widths



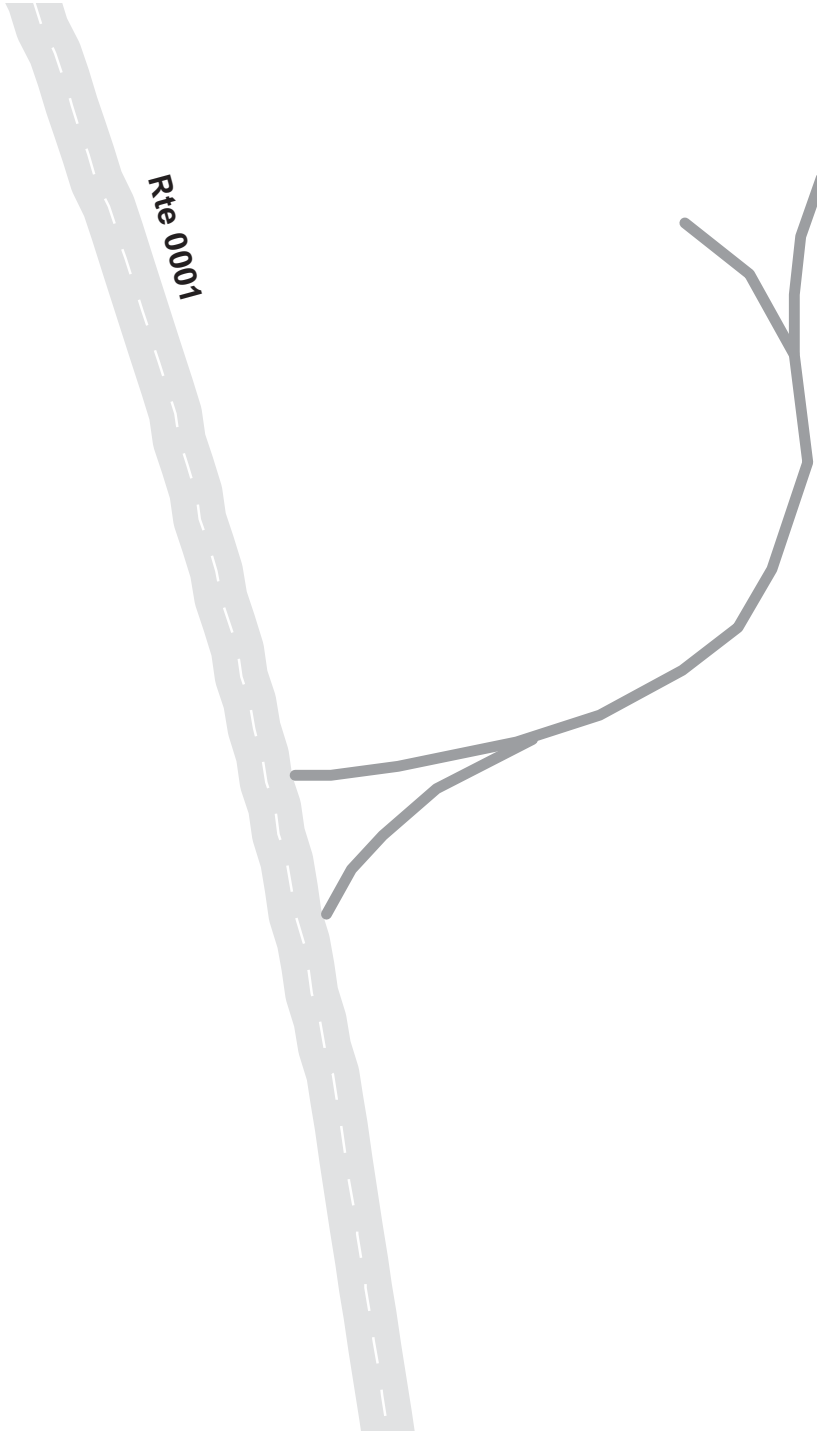
Colonial National Historical Park

Route 0111D

State Route 199 Interchange D
From Route 0001 at MP 14.6 on Left

Route	Length (mi)	Width (ft)	Area (sq ft)	Lane Miles *	Condition / PCR	Surface Type
0111D	0.16	12.00	10138	0.17	GOOD / 90	AS

* Lane miles are based on 11' lane widths



Colonial National Historical Park

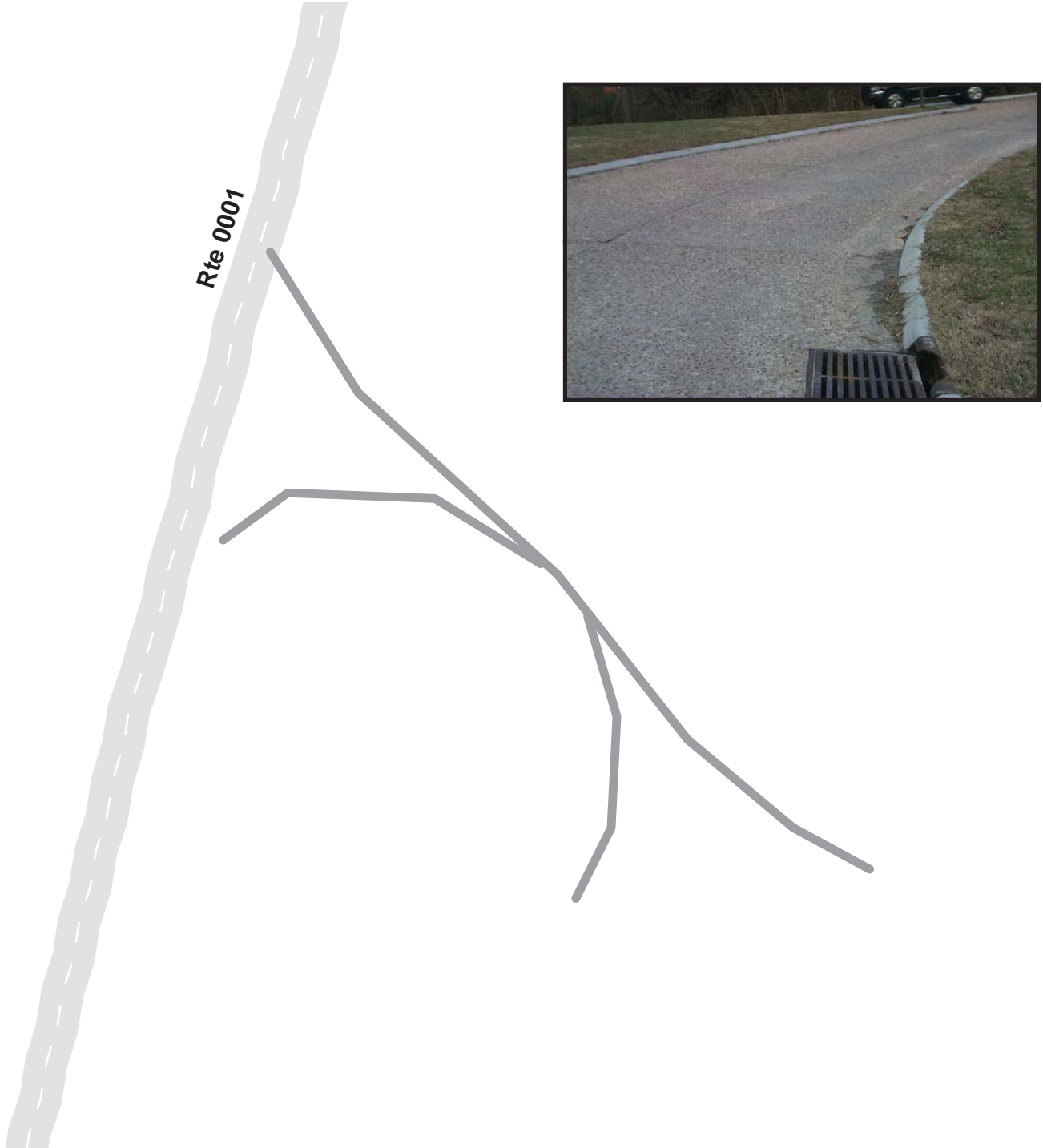
Route 0112A

Newport Avenue Access Road

From Route 0001 at MP 13.20

Route	Length (mi)	Width (ft)	Area (sq ft)	Lane Miles *	Condition / PCR	Surface Type
0112A	0.13	12.00	11405	0.20	GOOD / 90	CO

* Lane miles are based on 11' lane widths



Colonial National Historical Park

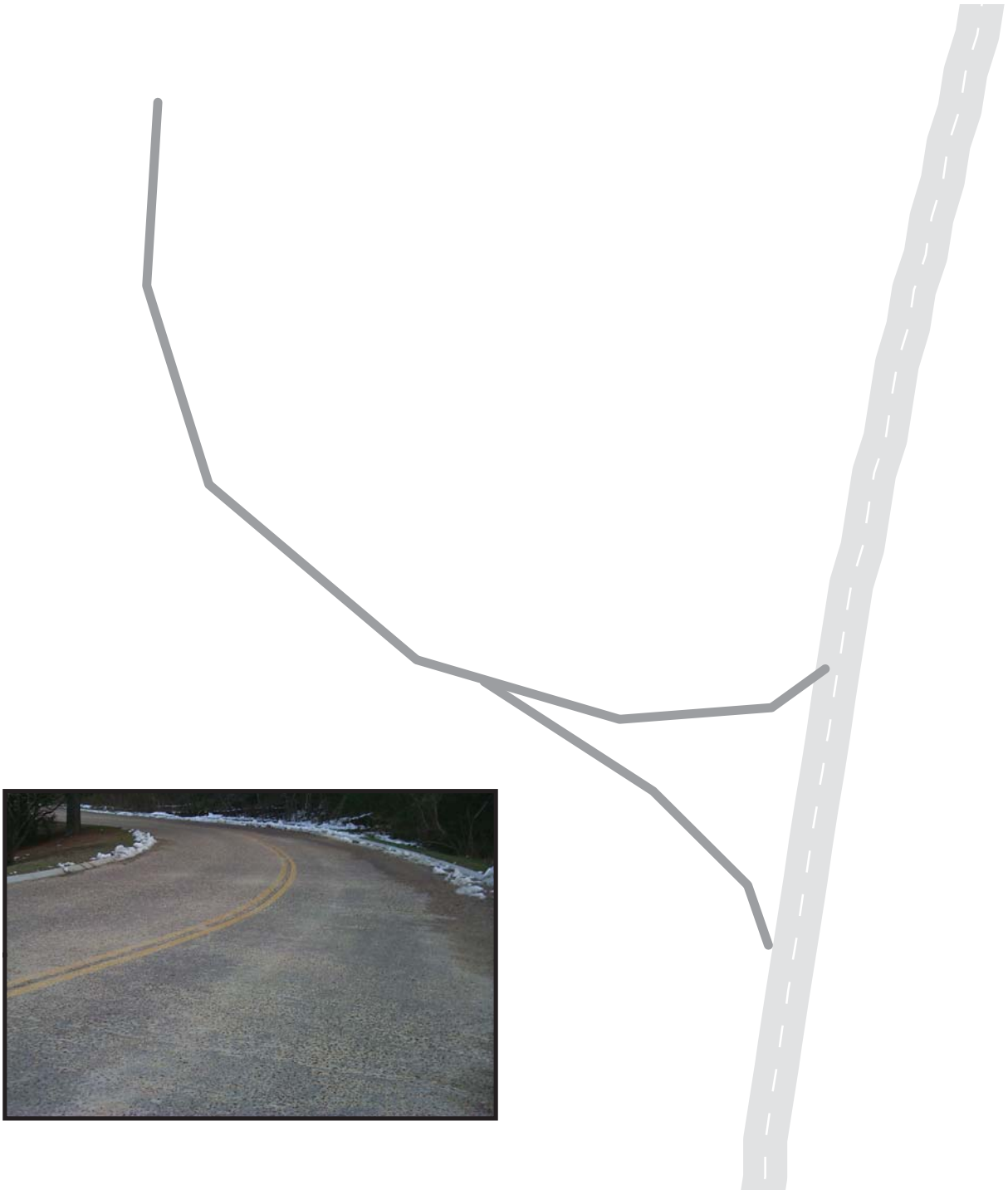
Route 0112B

Newport Avenue Access Road

From Route 0001 at MP 13.30

Route	Length (mi)	Width (ft)	Area (sq ft)	Lane Miles *	Condition / PCR	Surface Type
0112B	0.12	12.00	11405	0.20	GOOD / 90	CO

* Lane miles are based on 11' lane widths



Colonial National Historical Park
Route 0401
Yorktown Maintenance Area Residence Road
From Route 0400

Route	Length (mi)	Width (ft)	Area (sq ft)	Lane Miles *	Condition / PCR	Surface Type
0401	0.08	0.00	7471	0.13	FAIR / 73	AS

* Lane miles are based on 11' lane widths



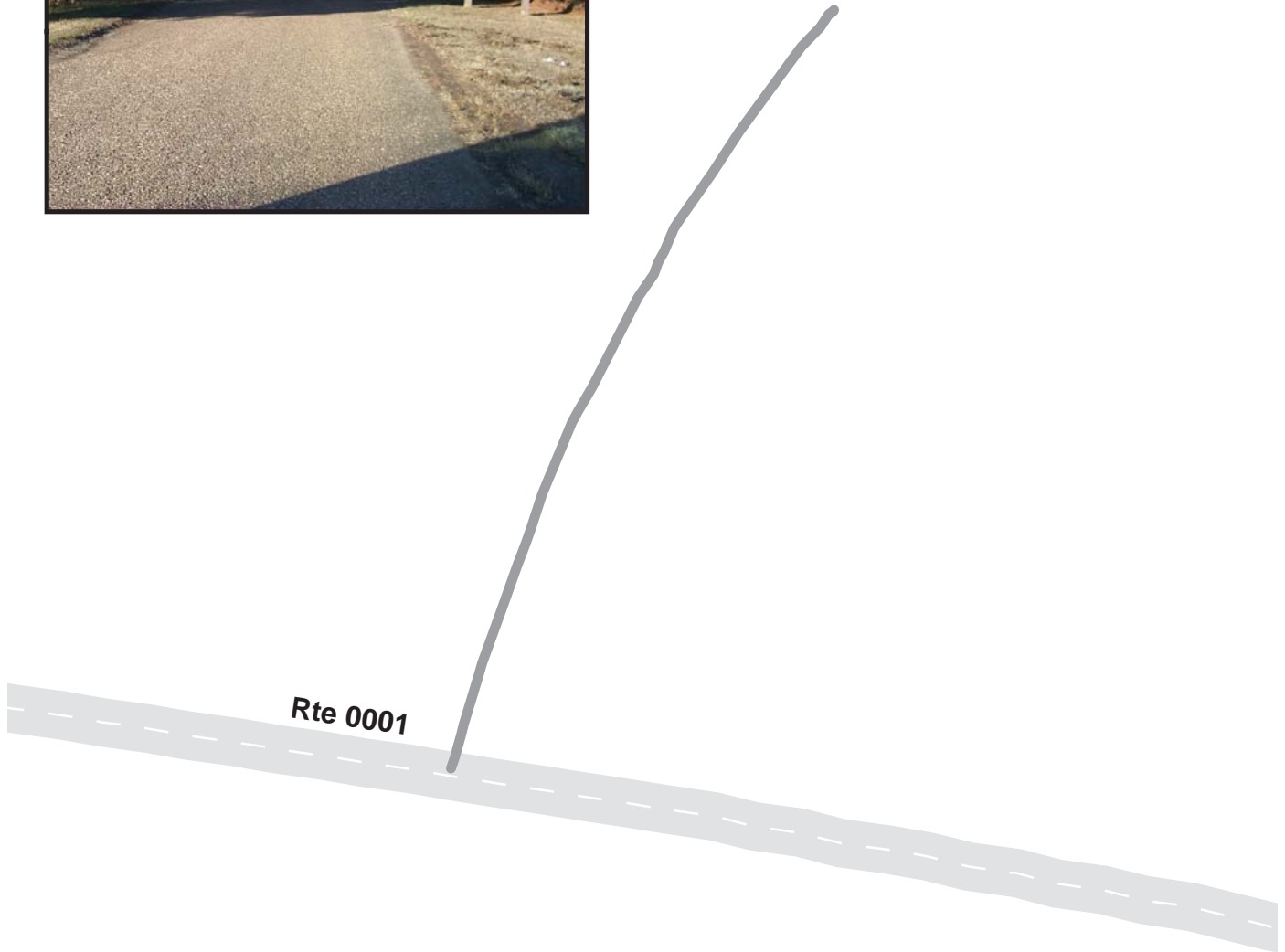
Colonial National Historical Park

Route 0403

Jamestown Maintenance Road
From Route 0001 at MP 20.55

Route	Length (mi)	Width (ft)	Area (sq ft)	Lane Miles *	Condition / PCR	Surface Type
0403	0.06	15.00	4752	0.08	FAIR / 73	OC

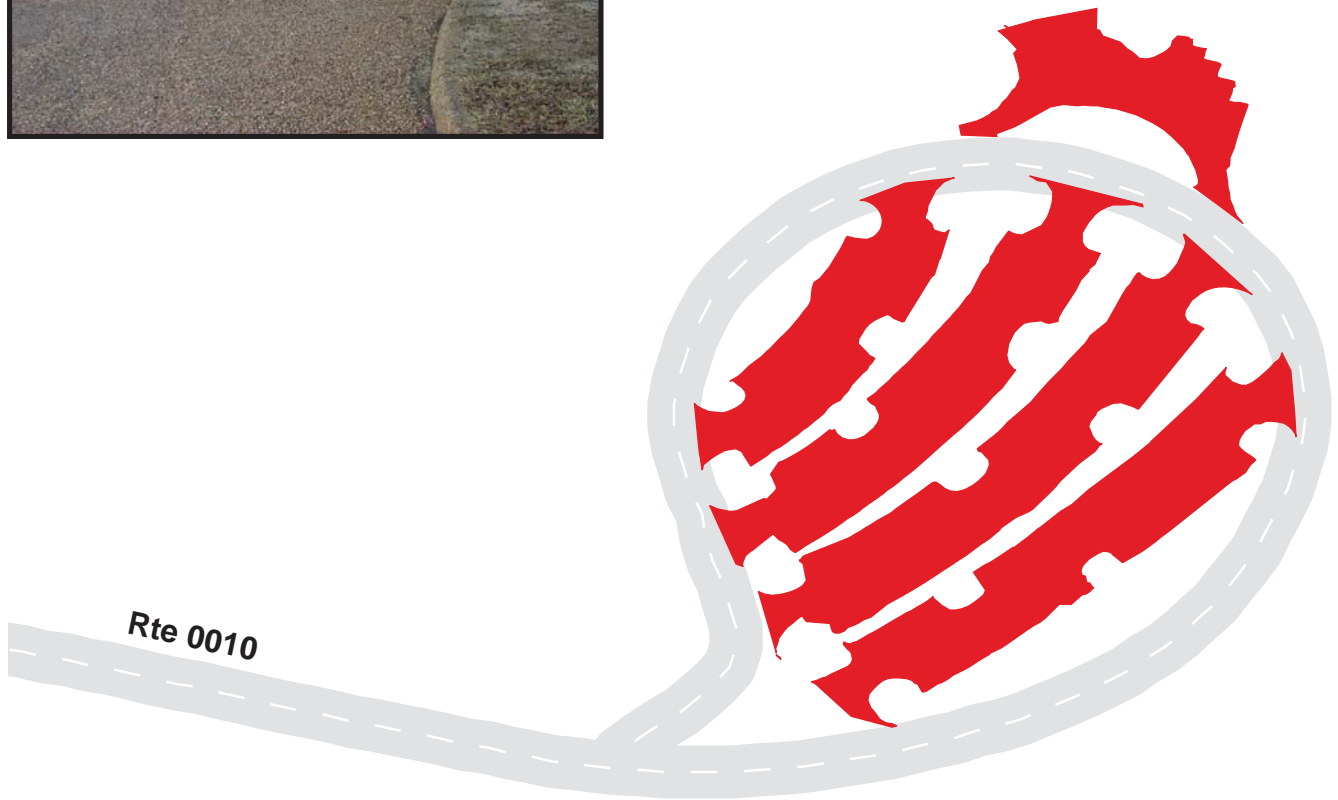
* Lane miles are based on 11' lane widths



Colonial National Historical Park
Route 0901
YORKTOWN VISITOR CENTER PARKING
 Adjacent to Route 0010 at End of loop

Route	Public / NonPublic	Date Visited	Area (sq ft)	Lane Miles *	Surface Type	Condition / PCR
0901	Public	1/8/2002	84224	1.45	OC	FAIR / 73

* Lane miles are based on 11' lane widths



Colonial National Historical Park

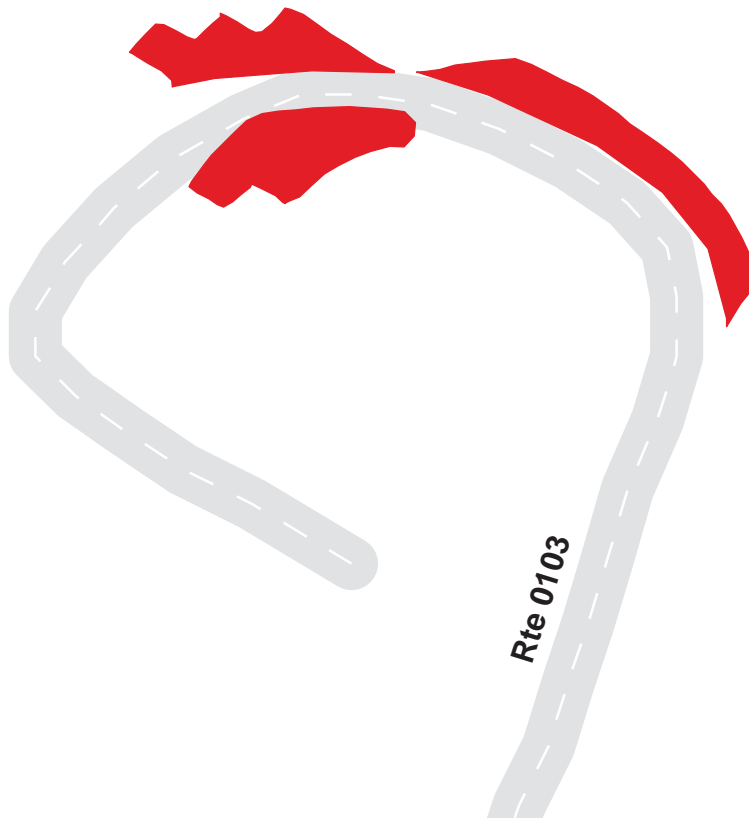
Route 0902

REDOUBT 9, 10 ACCESS ROAD PARKING

Adjacent to Route 0103 at End of loop

Route	Public / NonPublic	Date Visited	Area (sq ft)	Lane Miles *	Surface Type	Condition / PCR
0902	Public	1/8/2002	2484	0.04	OC	FAIR / 73

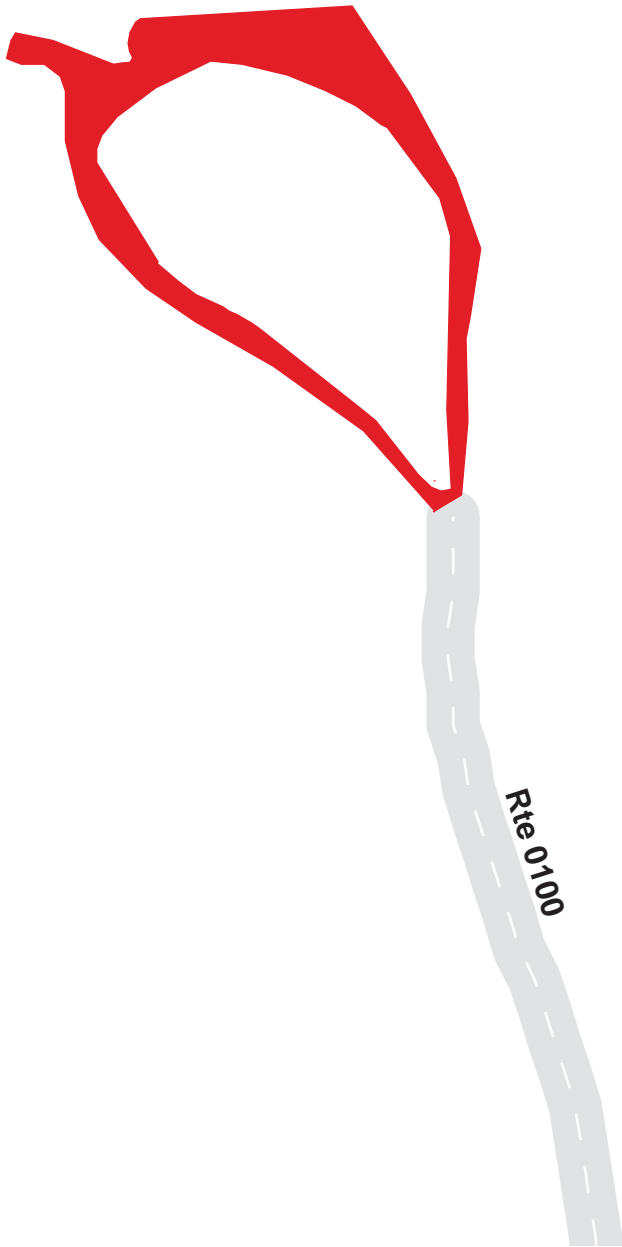
* Lane miles are based on 11' lane widths



Colonial National Historical Park
Route 0903
 UNTOUCHED REDOUBT LOOP/PARKING
 At End of Route 0100

Route	Public / NonPublic	Date Visited	Area (sq ft)	Lane Miles *	Surface Type	Condition / PCR
0903	Public	1/8/2002	11113	0.19	OC	GOOD / 90

* Lane miles are based on 11' lane widths



Colonial National Historical Park

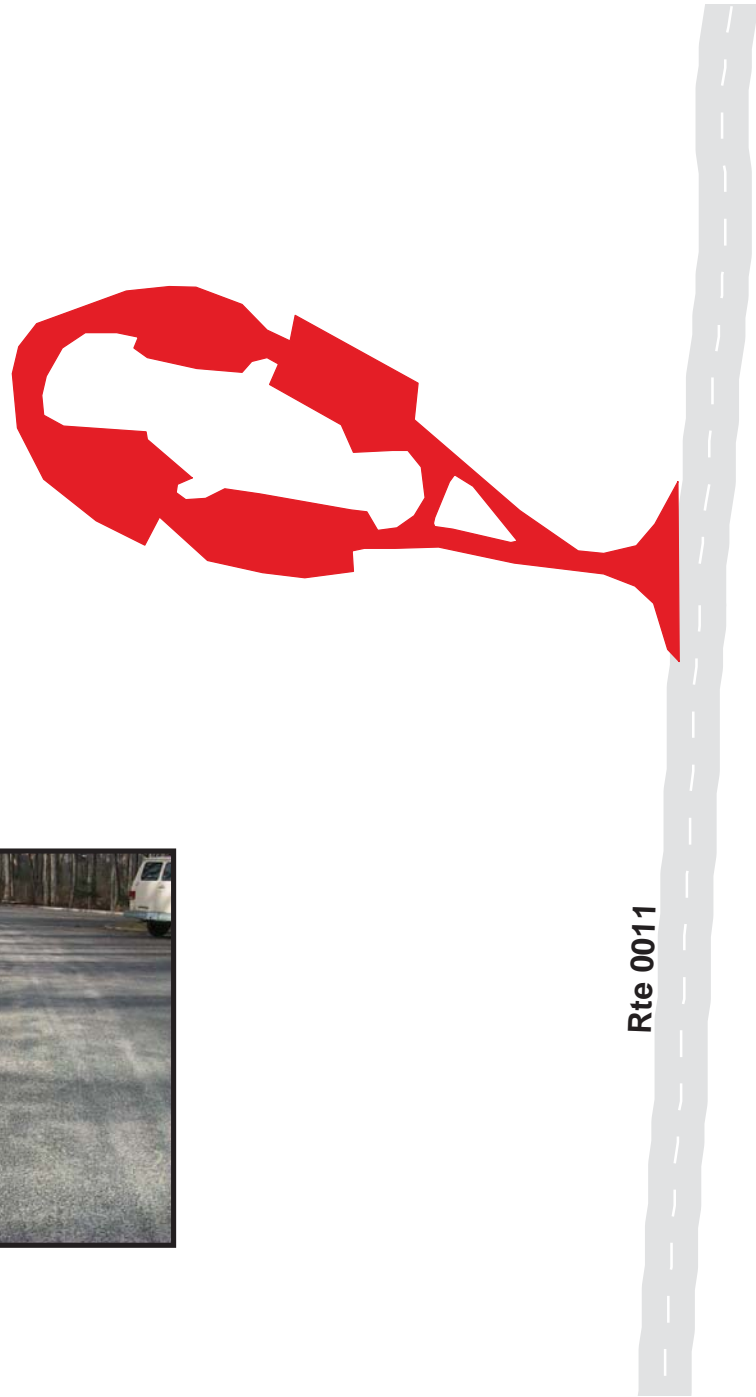
Route 0904

GLASSHOUSE ACCESS ROAD PARKING

Adjacent to End of Route 0001 / Begin of Route 0011

Route	Public / NonPublic	Date Visited	Area (sq ft)	Lane Miles *	Surface Type	Condition / PCR
0904	Public	1/8/2002	41428	0.71	AS	FAIR / 73

* Lane miles are based on 11' lane widths



Colonial National Historical Park

Route 0905

FUSILIERS PARKING

Adjacent to Route 0106

Route	Public / NonPublic	Date Visited	Area (sq ft)	Lane Miles *	Surface Type	Condition / PCR
0905	Public	1/8/2002	14193	0.24	NC	GOOD / 90

* Lane miles are based on 11' lane widths



Colonial National Historical Park

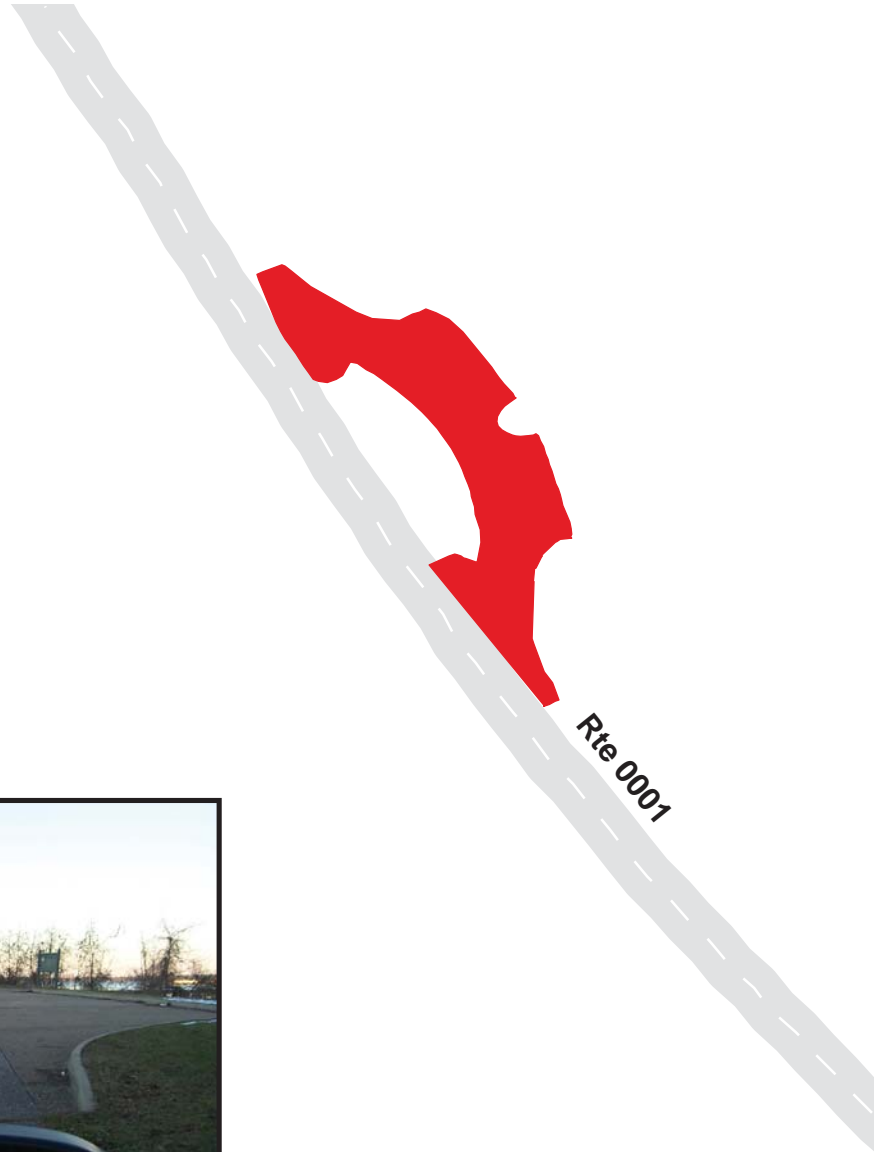
Route 0906

NAVAL WEAPONS STATION PARKING

Adjacent to Route 0001 at MP 2.80

Route	Public / NonPublic	Date Visited	Area (sq ft)	Lane Miles *	Surface Type	Condition / PCR
0906	Public	1/8/2002	10837	0.19	CO	GOOD / 90

* Lane miles are based on 11' lane widths



Colonial National Historical Park

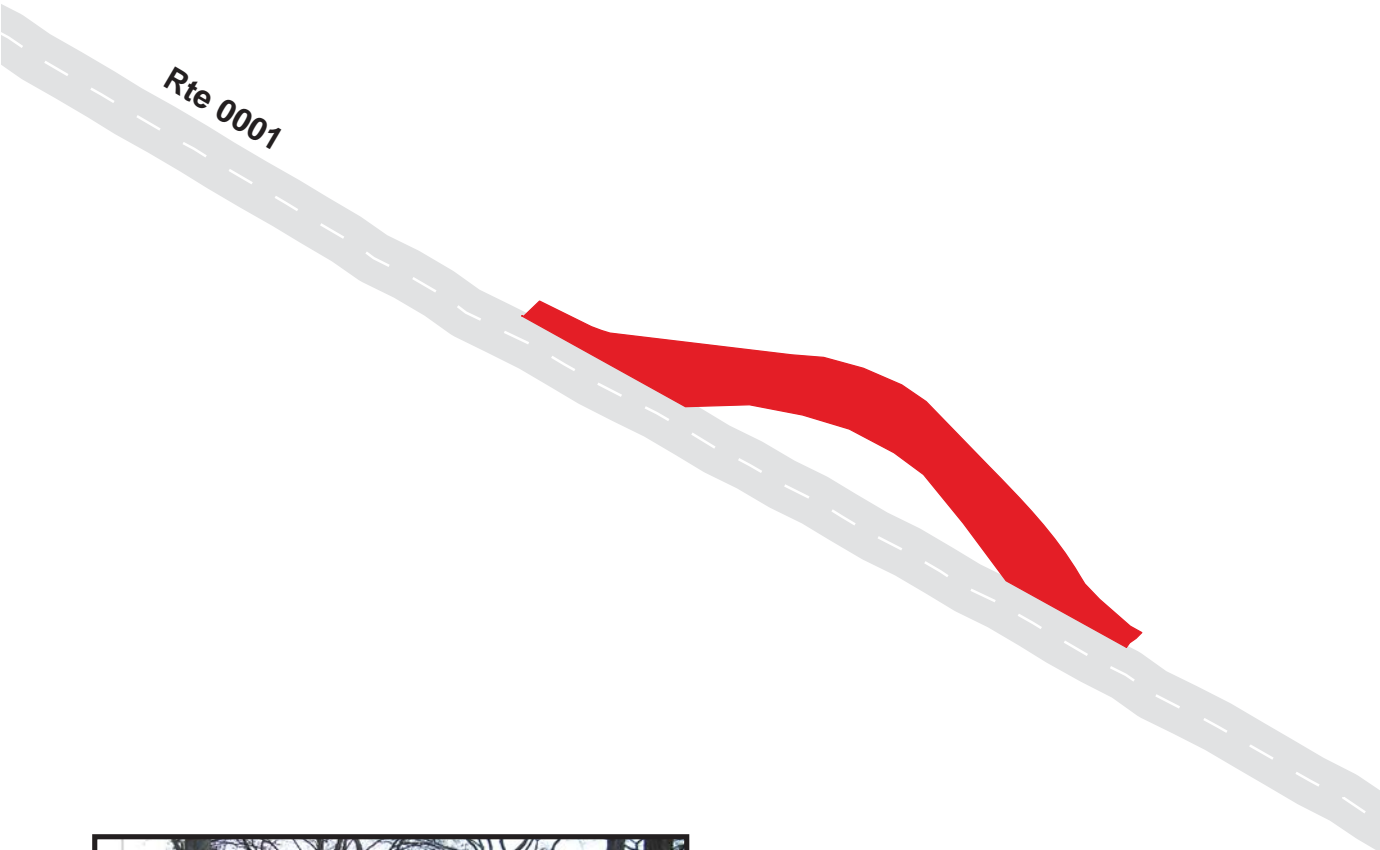
Route 0907

YORKTOWN RIVER PARKING

Adjacent to Route 0001 at MP 3.25

Route	Public / NonPublic	Date Visited	Area (sq ft)	Lane Miles *	Surface Type	Condition / PCR
0907	Public	1/8/2002	7265	0.13	CO	GOOD / 90

* Lane miles are based on 11' lane widths



Colonial National Historical Park

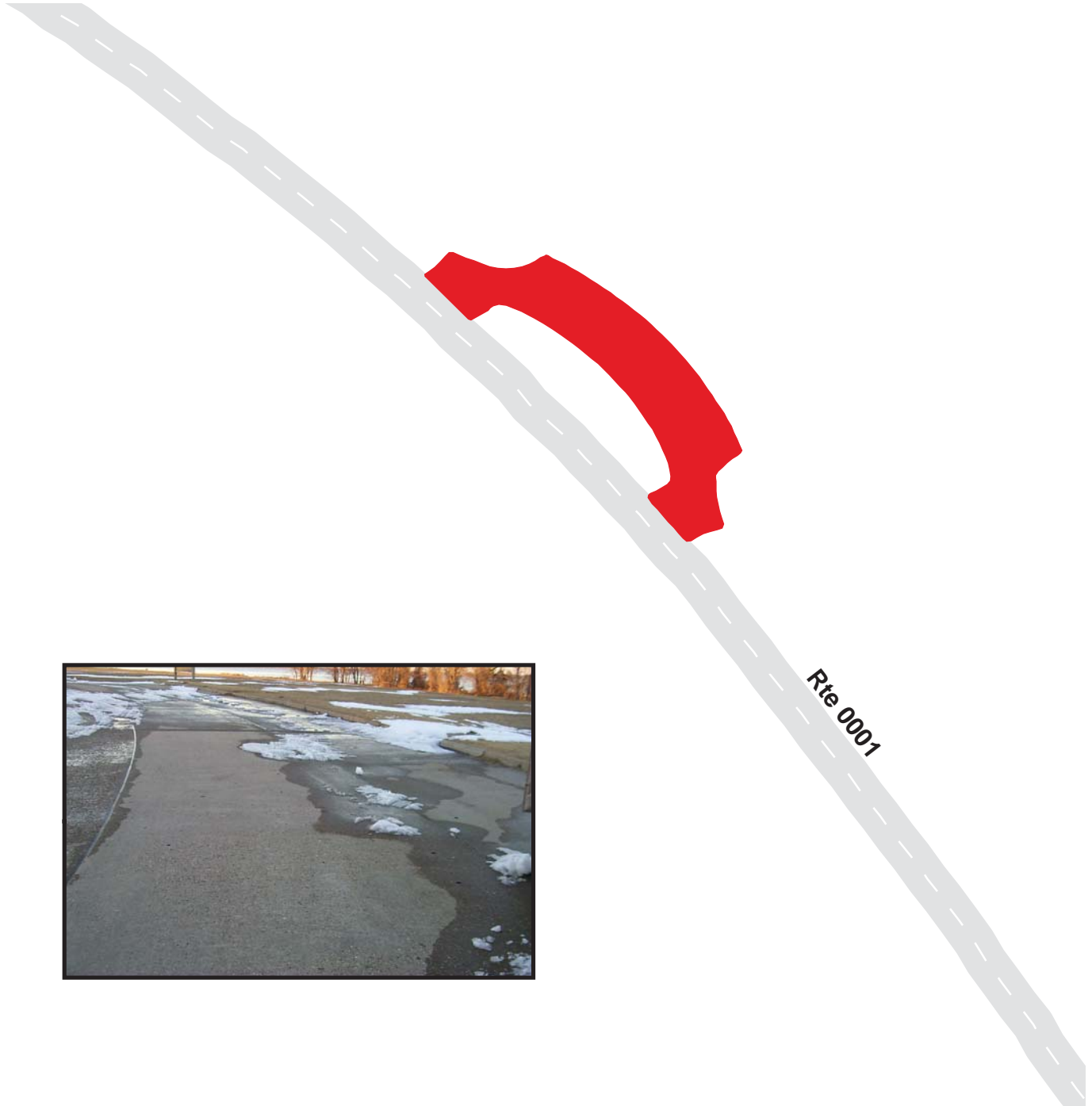
Route 0908

POWHATAN PARKING

Adjacent to Route 0001 at MP 4.02

Route	Public / NonPublic	Date Visited	Area (sq ft)	Lane Miles *	Surface Type	Condition / PCR
0908	Public	1/8/2002	10053	0.17	CO	GOOD / 90

* Lane miles are based on 11' lane widths



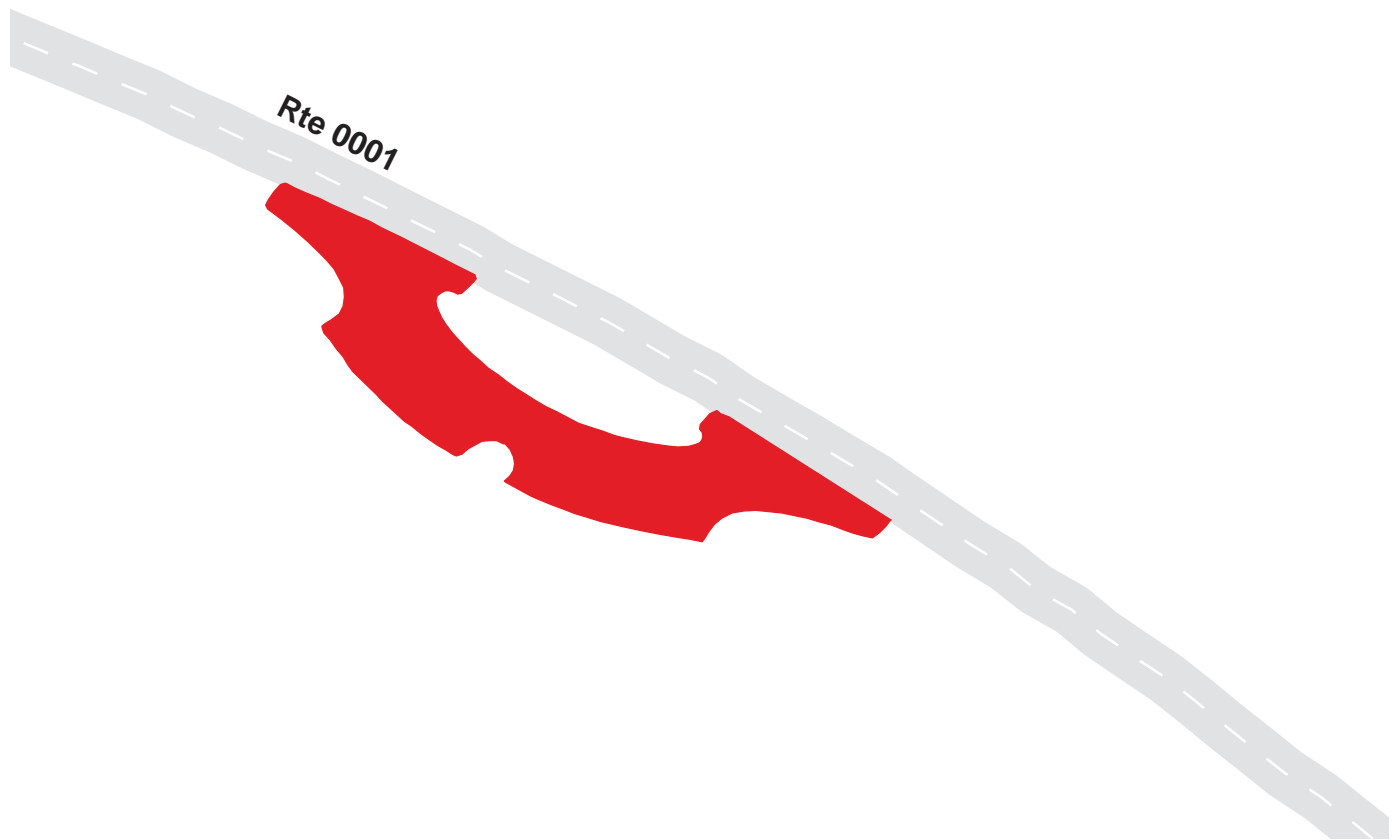
Colonial National Historical Park

Route 0909

INDIAN FIELD CREEK PARKING
Adjacent to Route 0001 at MP 4.11

Route	Public / NonPublic	Date Visited	Area (sq ft)	Lane Miles *	Surface Type	Condition / PCR
0909	Public	1/8/2002	10010	0.17	CO	GOOD / 90

* Lane miles are based on 11' lane widths



Colonial National Historical Park

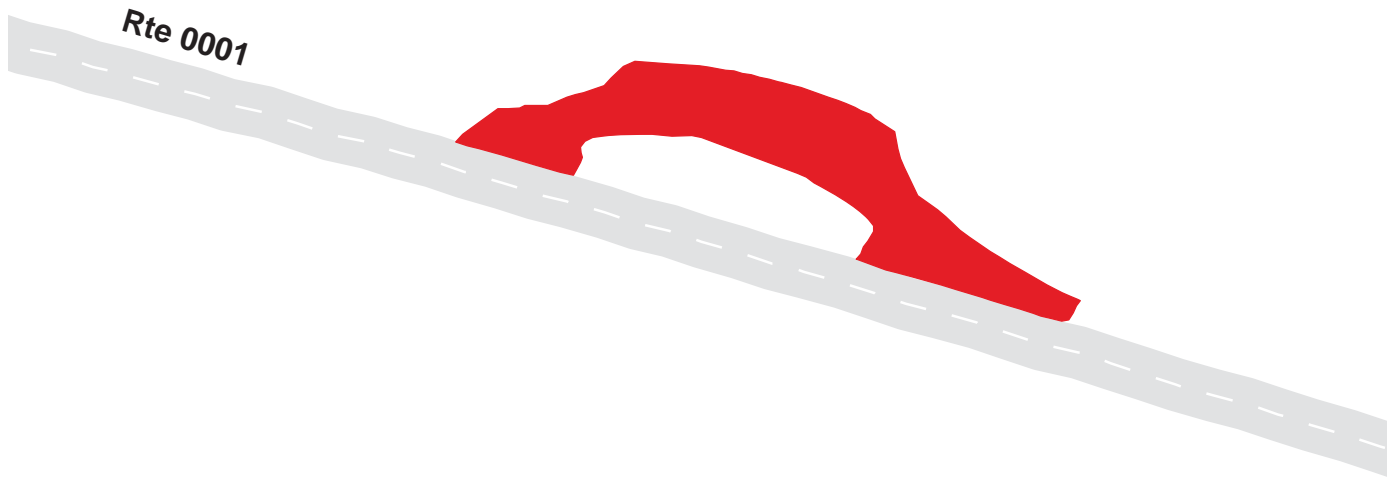
Route 0910

BELFIELD PLANTATION PARKING

Adjacent to Route 0001 at MP 5.51

Route	Public / NonPublic	Date Visited	Area (sq ft)	Lane Miles *	Surface Type	Condition / PCR
0910	Public	1/8/2002	9040	0.16	CO	GOOD / 90

* Lane miles are based on 11' lane widths



Colonial National Historical Park

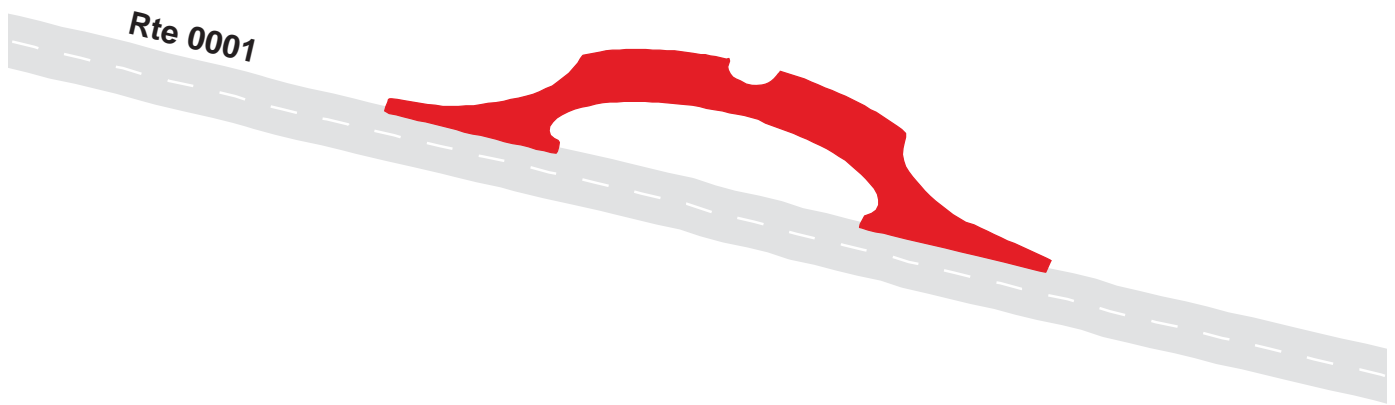
Route 0911

RINGFIELD PLANTATION PARKING

Adjacent to Route 0001 at MP 5.75

Route	Public / NonPublic	Date Visited	Area (sq ft)	Lane Miles *	Surface Type	Condition / PCR
0911	Public	1/8/2002	15034	0.26	CO	GOOD / 90

* Lane miles are based on 11' lane widths



Colonial National Historical Park

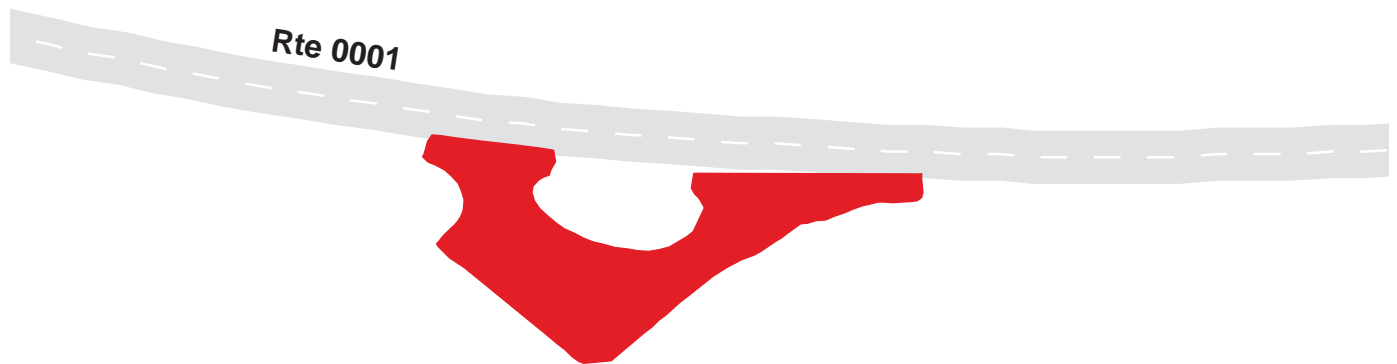
Route 0912

JAMES MILL PARKING

Adjacent to Route 0001 at MP 9.12

Route	Public / NonPublic	Date Visited	Area (sq ft)	Lane Miles *	Surface Type	Condition / PCR
0912	Public	1/8/2002	8310	0.14	CO	GOOD / 90

* Lane miles are based on 11' lane widths



Colonial National Historical Park

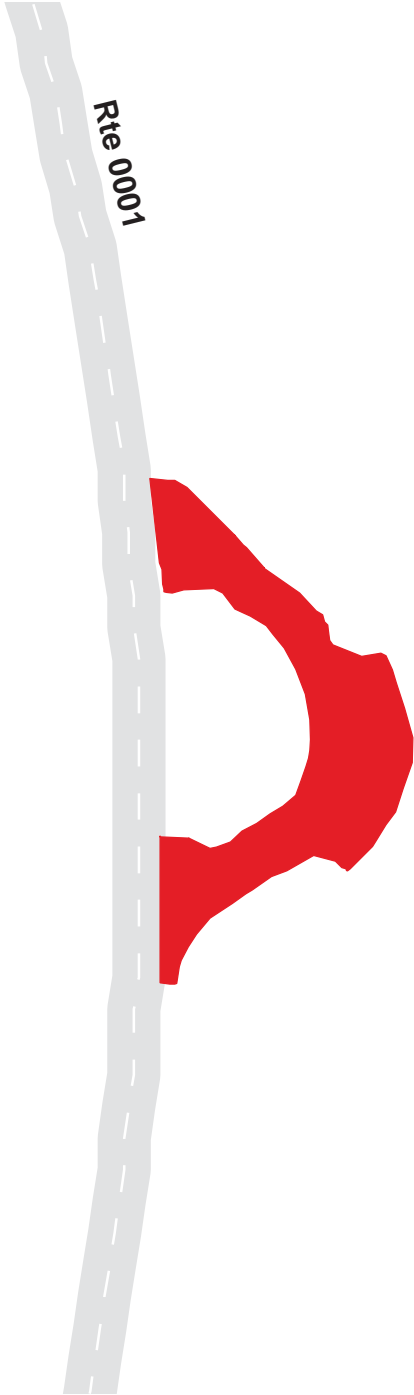
Route 0913

PALISADES GREAT OAKS PARKING

Adjacent to Route 0001 at MP 13.71

Route	Public / NonPublic	Date Visited	Area (sq ft)	Lane Miles *	Surface Type	Condition / PCR
0913	Public	1/8/2002	11493	0.20	CO	GOOD / 90

* Lane miles are based on 11' lane widths



Colonial National Historical Park

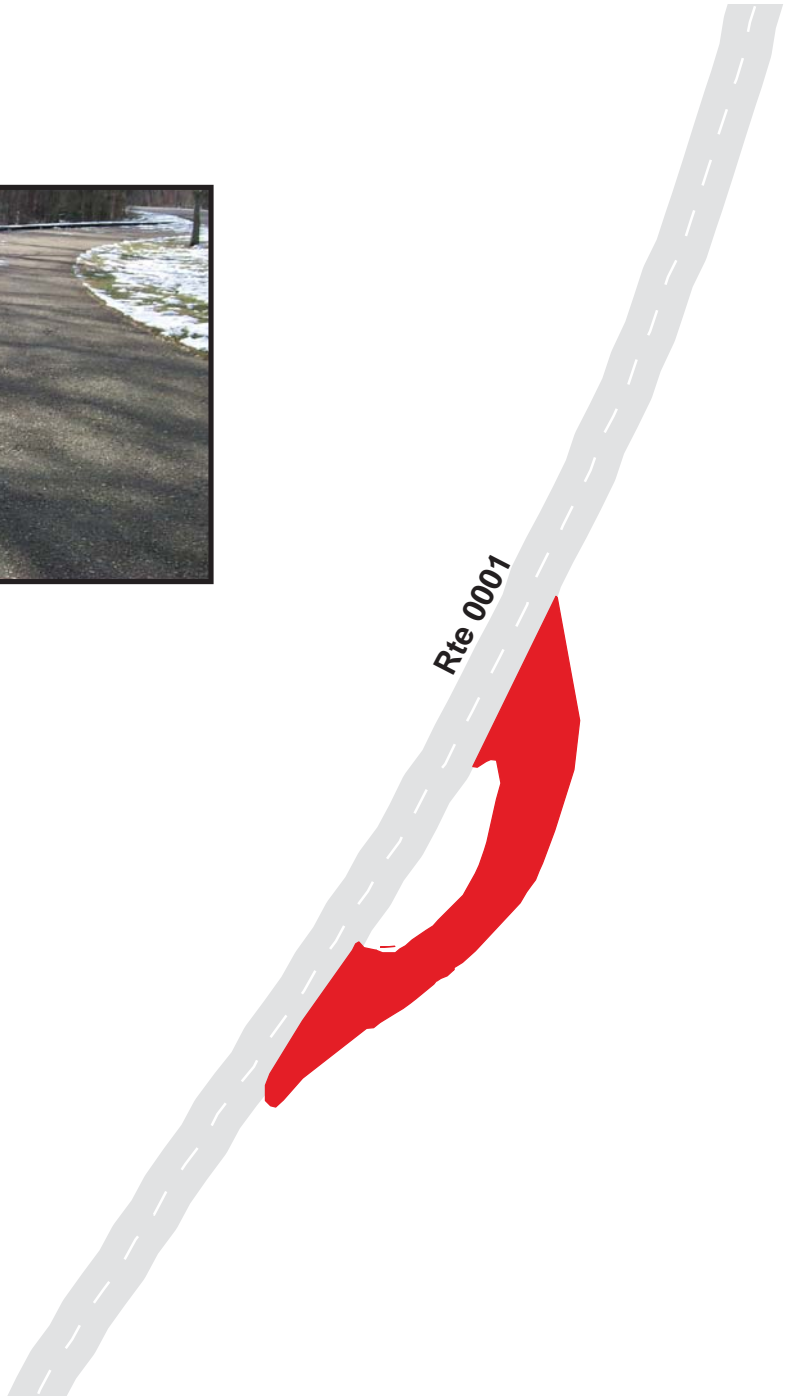
Route 0914

GREAT NECK PARKING

Adjacent to Route 0001 at MP 13.92

Route	Public / NonPublic	Date Visited	Area (sq ft)	Lane Miles *	Surface Type	Condition / PCR
0914	Public	1/8/2002	9824	0.17	CO	GOOD / 90

* Lane miles are based on 11' lane widths



Colonial National Historical Park

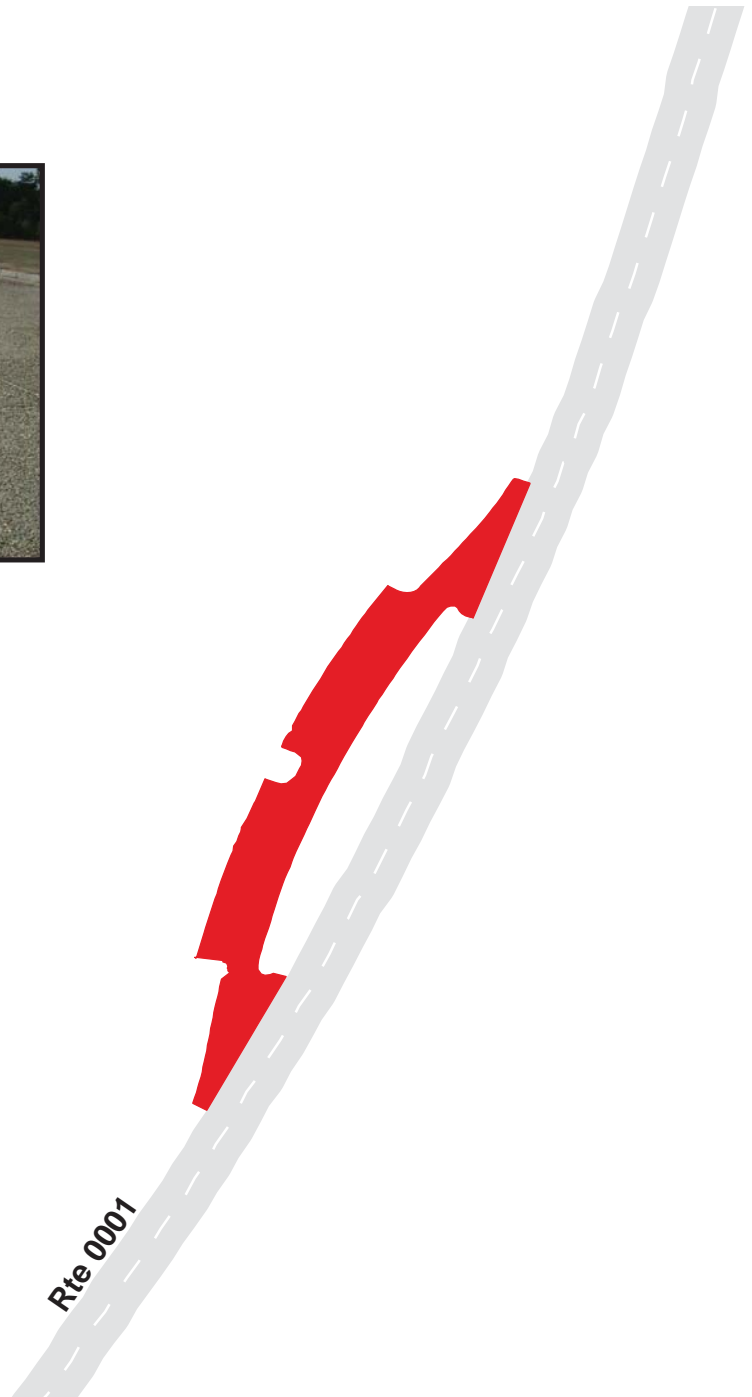
Route 0915

ATTEMPTED SETTLEMENT/COLLEGE CREEK PARKING

Adjacent to Route 0001 at MP 16.37

Route	Public / NonPublic	Date Visited	Area (sq ft)	Lane Miles *	Surface Type	Condition / PCR
0915	Public	1/8/2002	22701	0.39	CO	GOOD / 90

* Lane miles are based on 11' lane widths



200 100 0 200 Feet



Colonial National Historical Park

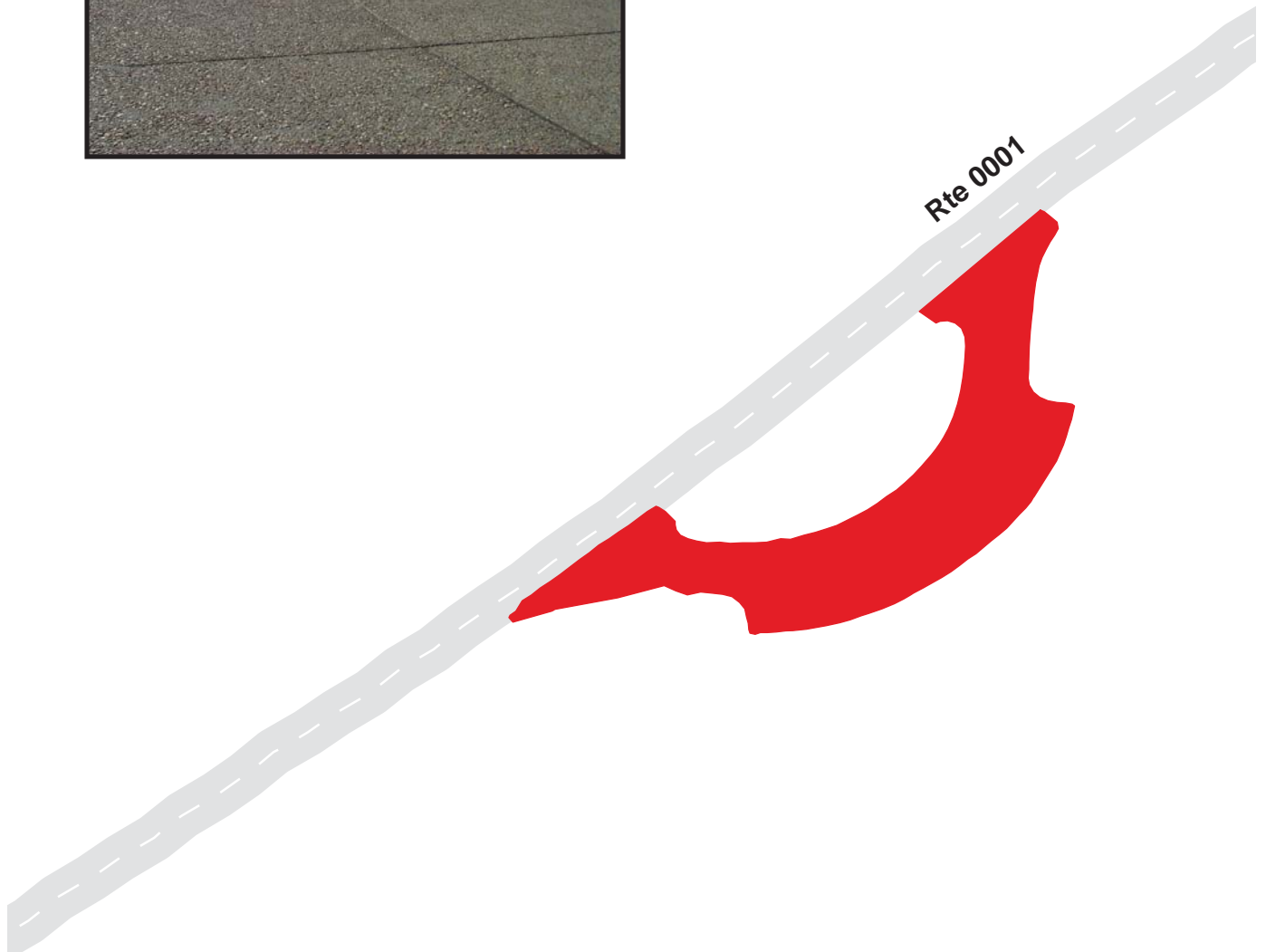
Route 0916

JAMES RIVER PARKING

Adjacent to Route 0001 at MP 16.68

Route	Public / NonPublic	Date Visited	Area (sq ft)	Lane Miles *	Surface Type	Condition / PCR
0916	Public	1/8/2002	11423	0.20	CO	GOOD / 90

* Lane miles are based on 11' lane widths



Colonial National Historical Park

Route 0917

ARCHER'S HOPE PARKING

Adjacent to Route 0001 at MP 17.66

Route	Public / NonPublic	Date Visited	Area (sq ft)	Lane Miles *	Surface Type	Condition / PCR
0917	Public	1/8/2002	20538	0.35	CO	GOOD / 90

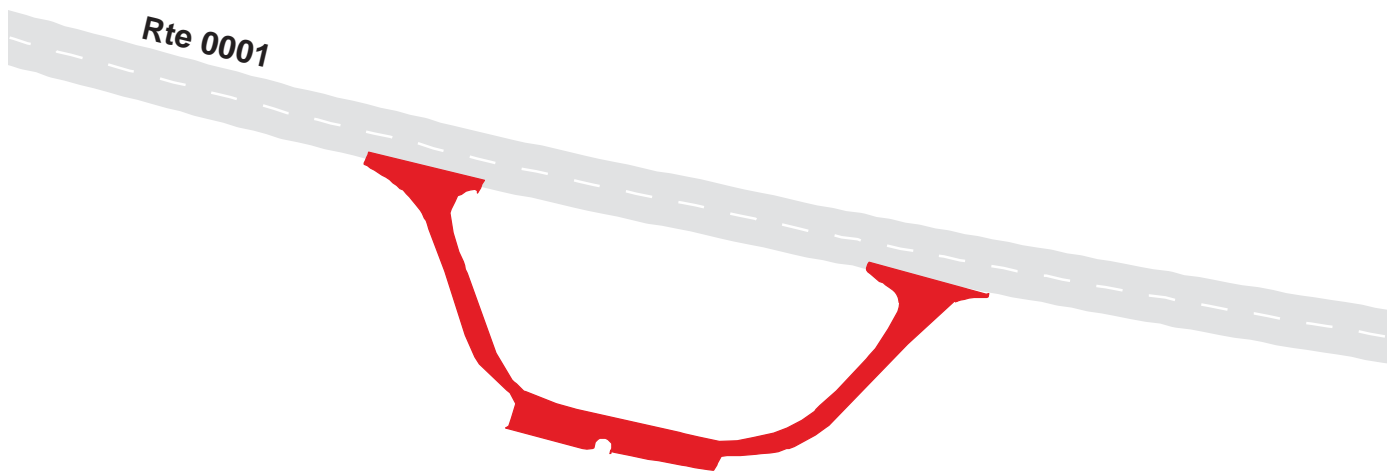
* Lane miles are based on 11' lane widths



Colonial National Historical Park
Route 0918
 JAMESTOWN ISLAND/GLEBE LAND PARKING
 Adjacent to Route 0001 at MP 19.11

Route	Public / NonPublic	Date Visited	Area (sq ft)	Lane Miles *	Surface Type	Condition / PCR
0918	Public	1/8/2002	26205	0.45	CO	GOOD / 90

* Lane miles are based on 11' lane widths



Colonial National Historical Park

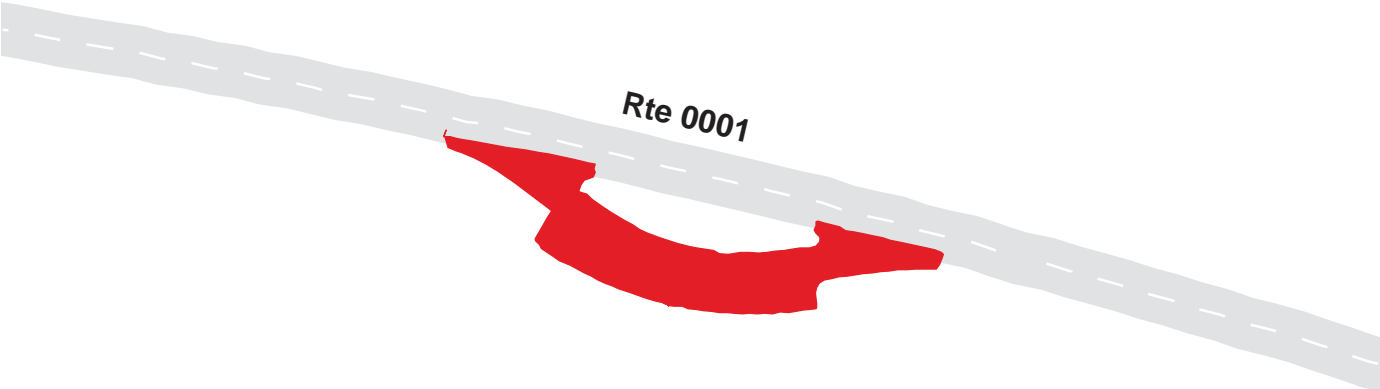
Route 0919

REAL ESTATE PARKING

Adjacent to Route 0001 at MP 19.45

Route	Public / NonPublic	Date Visited	Area (sq ft)	Lane Miles *	Surface Type	Condition / PCR
0919	Public	1/8/2002	10466	0.18	CO	GOOD / 90

* Lane miles are based on 11' lane widths



Colonial National Historical Park

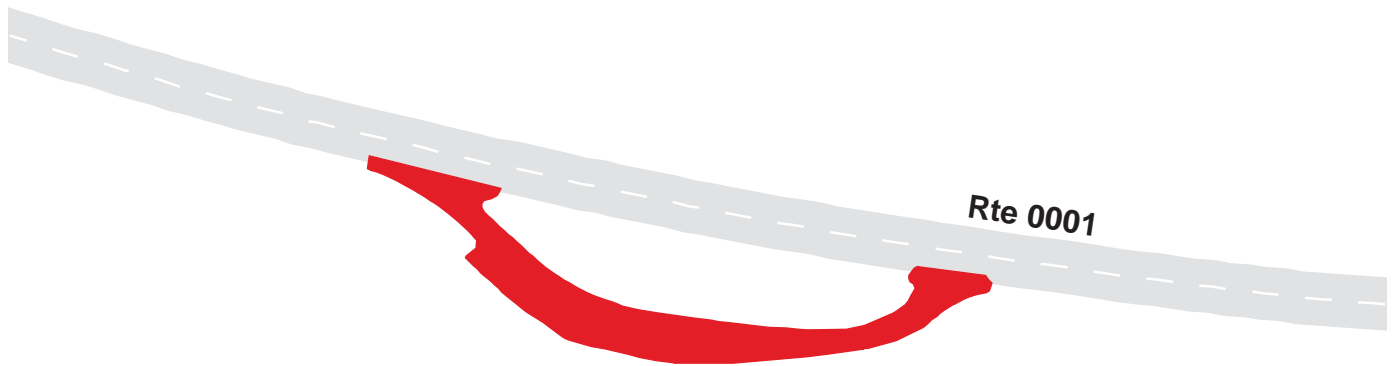
Route 0920

NECK OF LAND PARKING

Adjacent to Route 0001 at MP 19.98

Route	Public / NonPublic	Date Visited	Area (sq ft)	Lane Miles *	Surface Type	Condition / PCR
0920	Public	1/8/2002	20160	0.35	CO	GOOD / 90

* Lane miles are based on 11' lane widths



Colonial National Historical Park

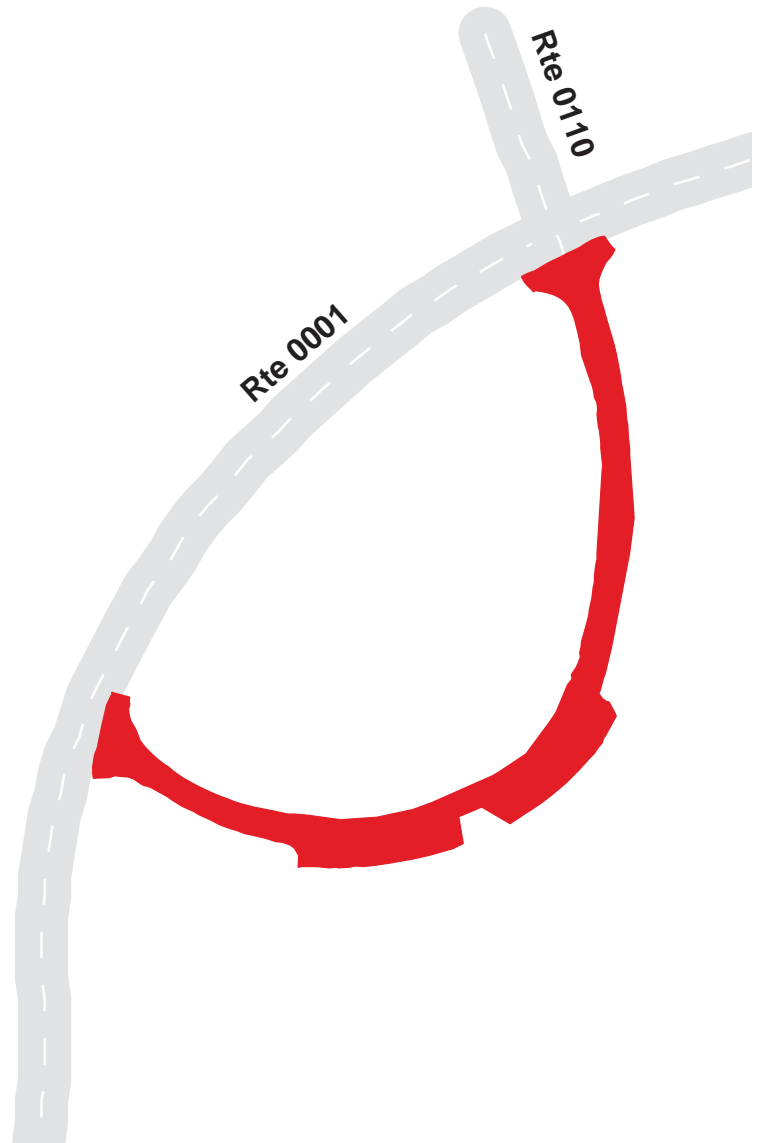
Route 0921

JAMESTOWN ENTRANCE PARKING

Adjacent to Route 0001 at MP 21.55

Route	Public / NonPublic	Date Visited	Area (sq ft)	Lane Miles *	Surface Type	Condition / PCR
0921	Public	1/8/2002	25374	0.44	CO	GOOD / 90

* Lane miles are based on 11' lane widths



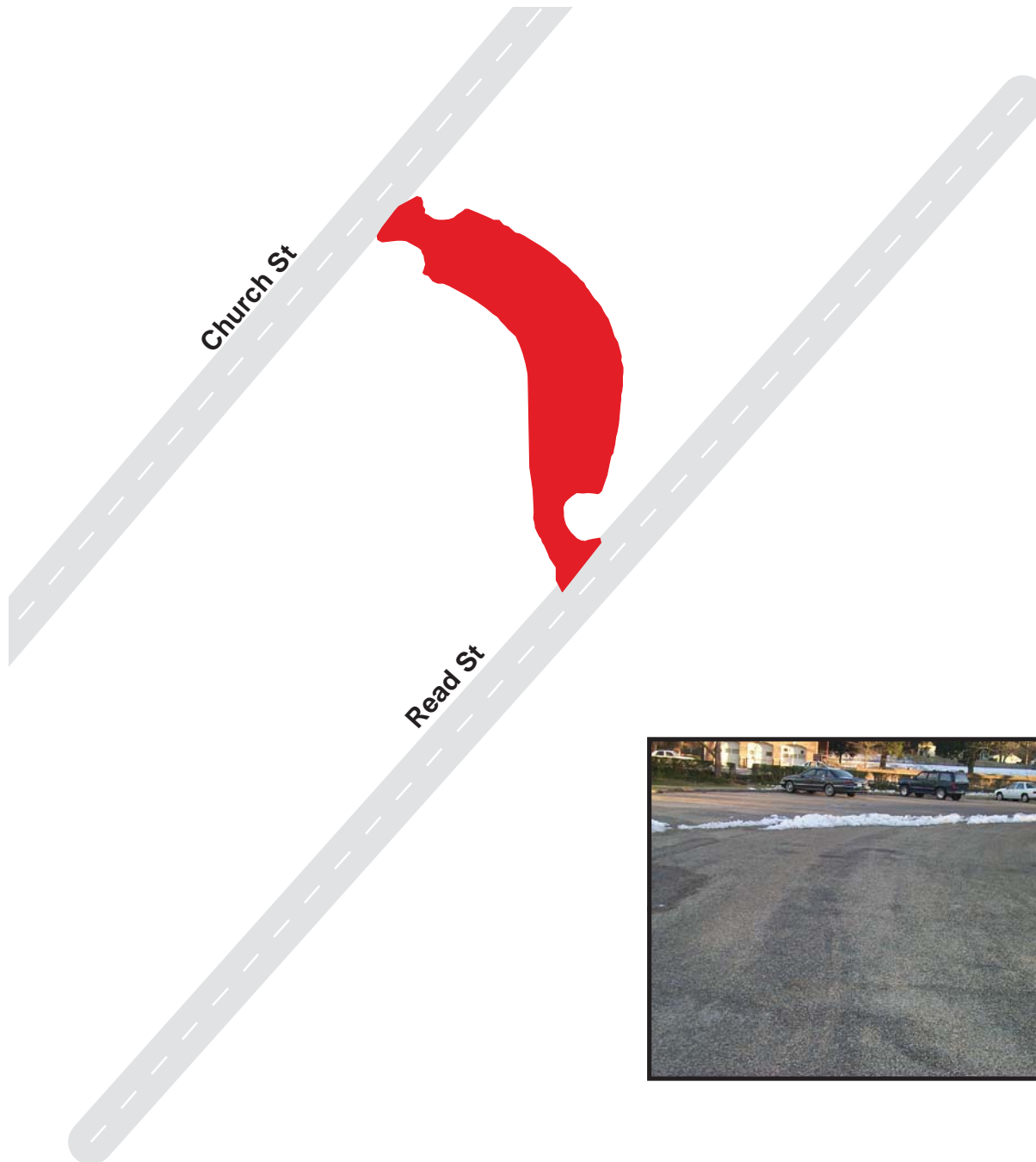
Colonial National Historical Park

Route 0922

YORKTOWN VISITOR PARKING
Between Church and Read Streets

Route	Public / NonPublic	Date Visited	Area (sq ft)	Lane Miles *	Surface Type	Condition / PCR
0922	Public	1/8/2002	20484	0.35	OC	FAIR / 73

* Lane miles are based on 11' lane widths



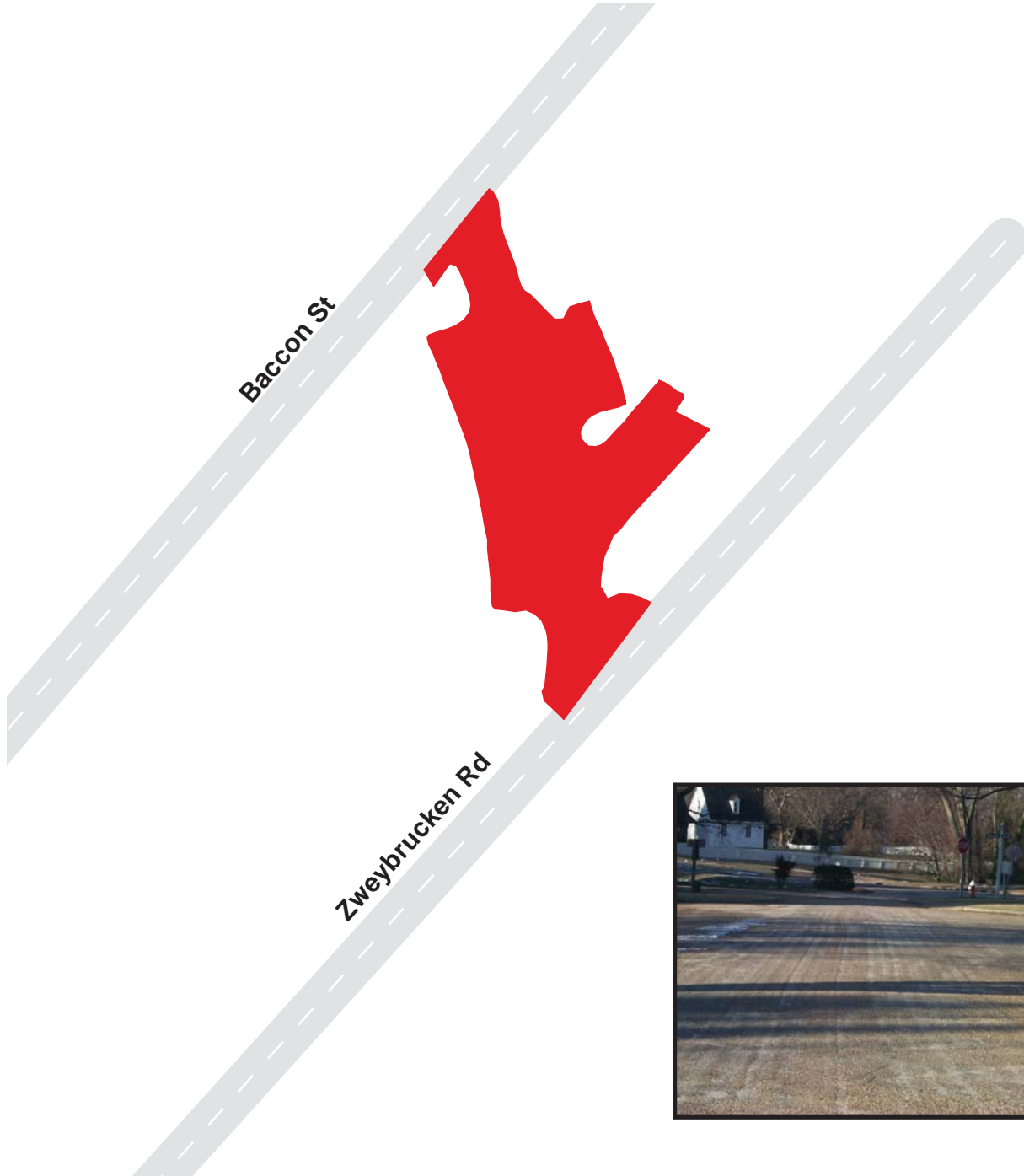
Colonial National Historical Park

Route 0923

YORKTOWN VICTORY MONUMENT PARKING
Between Baccon Street and Zweybrucken Road

Route	Public / NonPublic	Date Visited	Area (sq ft)	Lane Miles *	Surface Type	Condition / PCR
0923	Public	1/8/2002	10644	0.18	OC	FAIR / 73

* Lane miles are based on 11' lane widths



Colonial National Historical Park

Route 0924

YORKTOWN BEACH PARKING

Adjacent to Water Street

Route	Public / NonPublic	Date Visited	Area (sq ft)	Lane Miles *	Surface Type	Condition / PCR
0924	Public	1/8/2002	47855	0.82	AS	FAIR / 73

* Lane miles are based on 11' lane widths



Colonial National Historical Park

Route 0925

CORNWALLIS' CAVE PARKING

Adjacent to Water Street

Route	Public / NonPublic	Date Visited	Area (sq ft)	Lane Miles *	Surface Type	Condition / PCR
0925	Public	1/8/2002	1113	0.02	AS	FAIR / 73

* Lane miles are based on 11' lane widths



Colonial National Historical Park

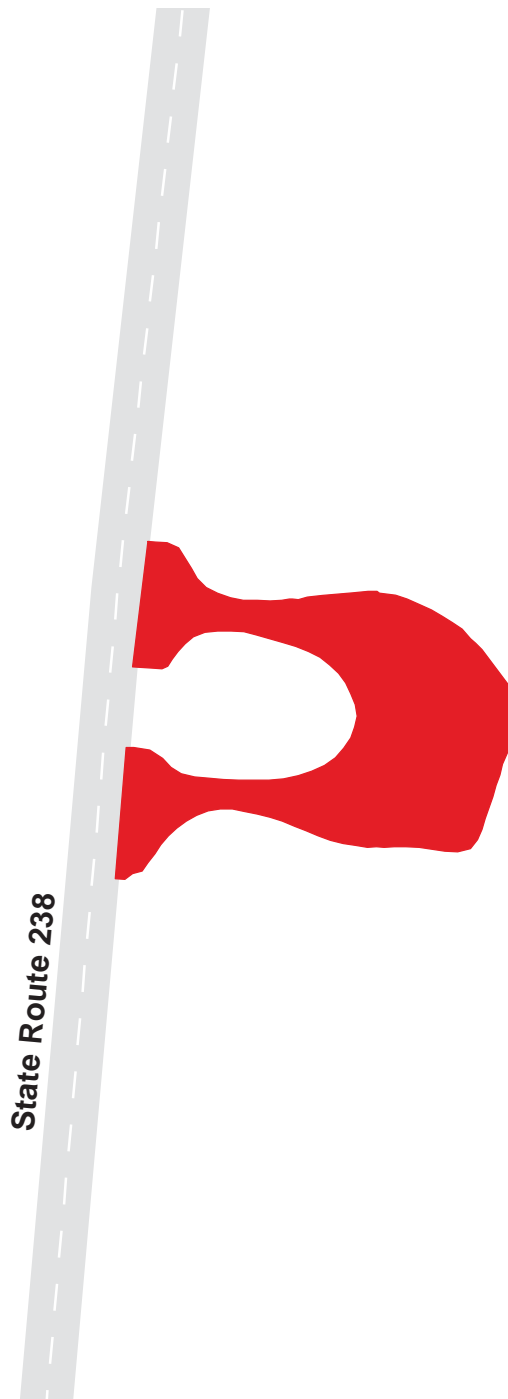
Route 0926

NATIONAL CEMETERY/ SECOND SIEGE PARKING

Adjacent to State Route 238

Route	Public / NonPublic	Date Visited	Area (sq ft)	Lane Miles *	Surface Type	Condition / PCR
0926	Public	1/8/2002	9709	0.17	NC	GOOD / 90

* Lane miles are based on 11' lane widths



Colonial National Historical Park

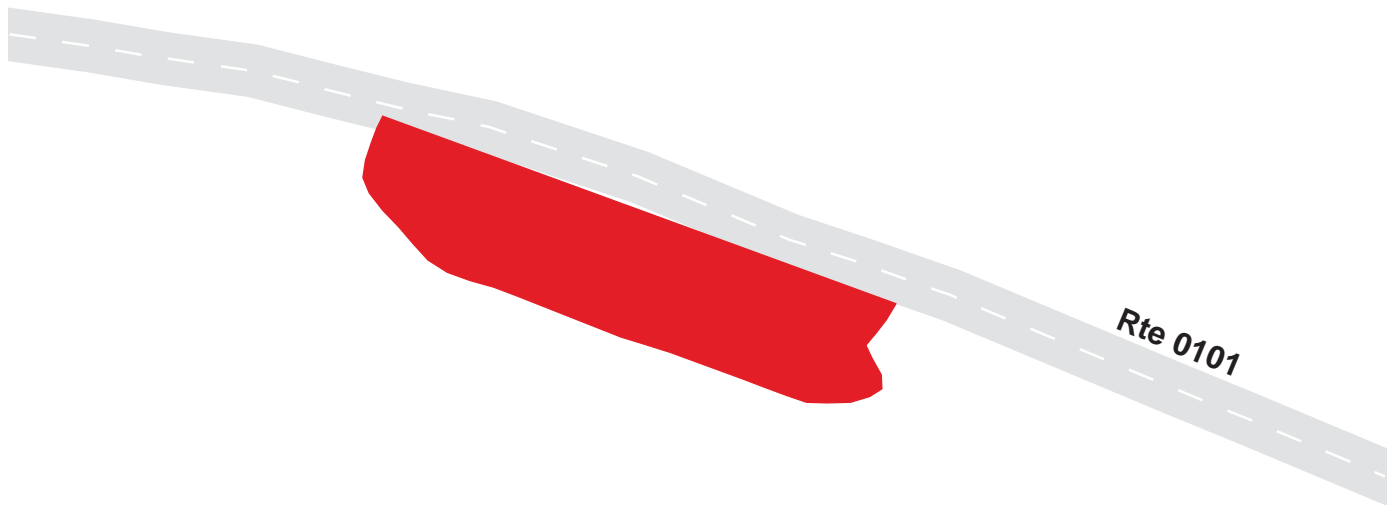
Route 0927

GRAND FRENCH BATTERY PARKING

Adjacent to Route 0101

Route	Public / NonPublic	Date Visited	Area (sq ft)	Lane Miles *	Surface Type	Condition / PCR
0927	Public	1/8/2002	2555	0.04	OC	FAIR / 73

* Lane miles are based on 11' lane widths



Colonial National Historical Park

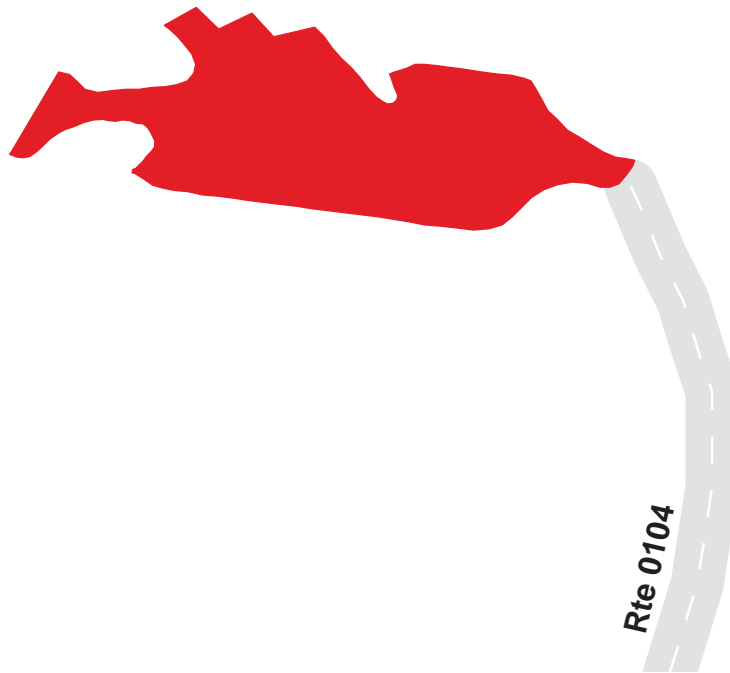
Route 0928

MOORE HOUSE PARKING

At End of Route 0104

Route	Public / NonPublic	Date Visited	Area (sq ft)	Lane Miles *	Surface Type	Condition / PCR
0928	Public	1/8/2002	7899	0.14	OC	FAIR / 73

* Lane miles are based on 11' lane widths



Colonial National Historical Park

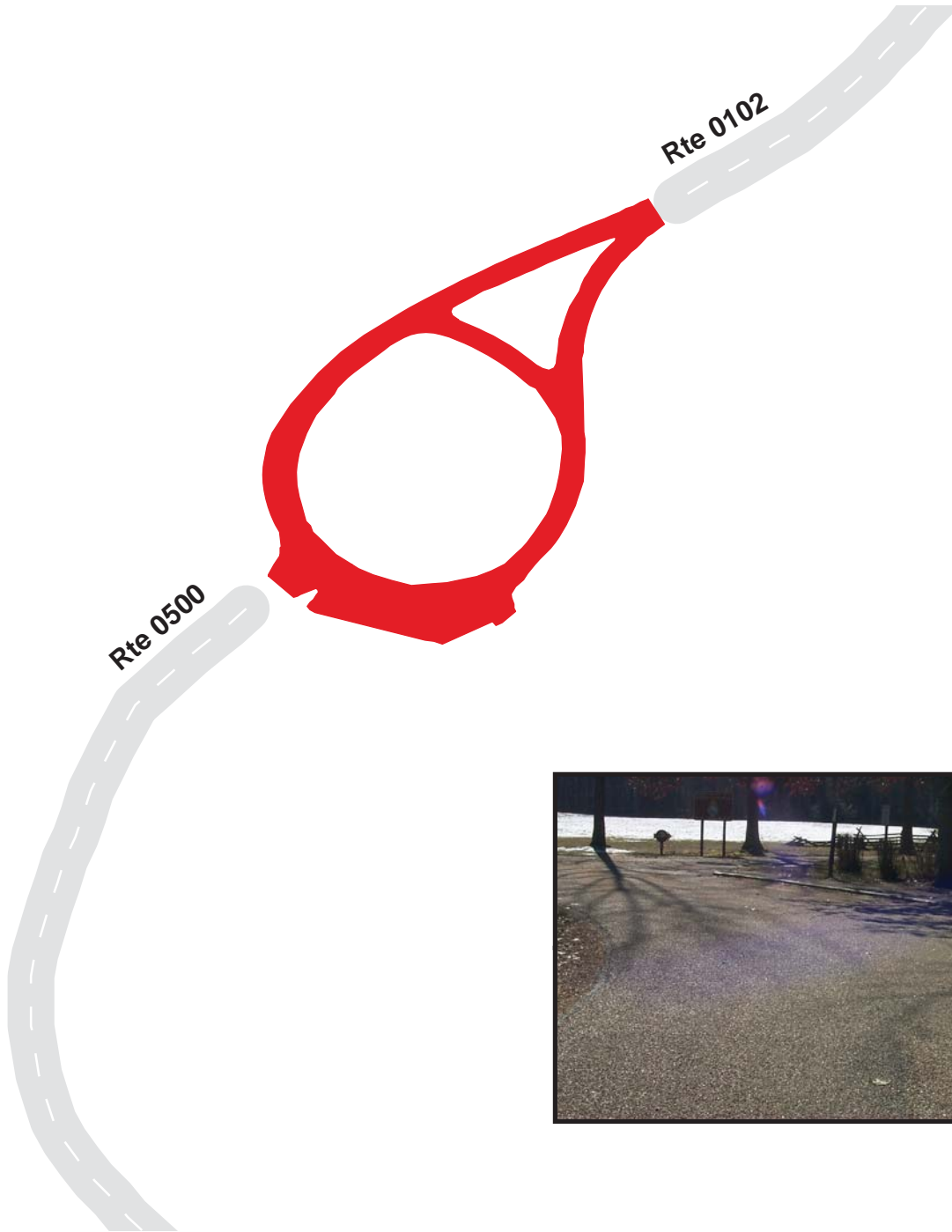
Route 0929

SURRENDER FIELD ACCESS PARKING

At End of Route 0102/Begin Route 0500

Route	Public / NonPublic	Date Visited	Area (sq ft)	Lane Miles *	Surface Type	Condition / PCR
0929	Public	1/8/2002	17296	0.30	OC	FAIR / 73

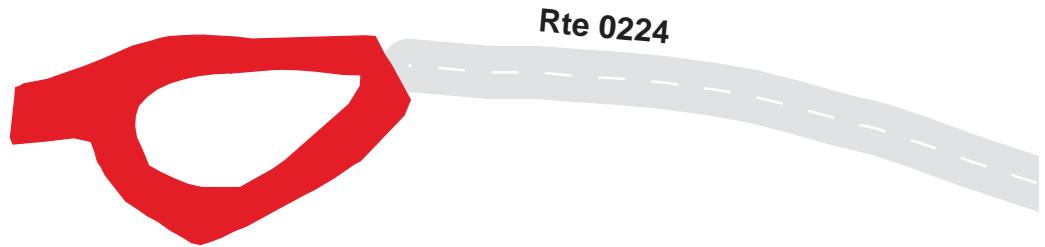
* Lane miles are based on 11' lane widths



Colonial National Historical Park
Route 0930
WASHINGTON'S HEADQUARTERS PARKING
At End of Route 0224

Route	Public / NonPublic	Date Visited	Area (sq ft)	Lane Miles *	Surface Type	Condition / PCR
0930	Public	1/8/2002	4745	0.08	OC	FAIR / 73

* Lane miles are based on 11' lane widths



Colonial National Historical Park

Route 0931

FRENCH CEMETERY PARKING

Adjacent to Route 0500 at MP 1.9

Route	Public / NonPublic	Date Visited	Area (sq ft)	Lane Miles *	Surface Type	Condition / PCR
0931	Public	1/8/2002	1737	0.03	OC	GOOD / 90

* Lane miles are based on 11' lane widths



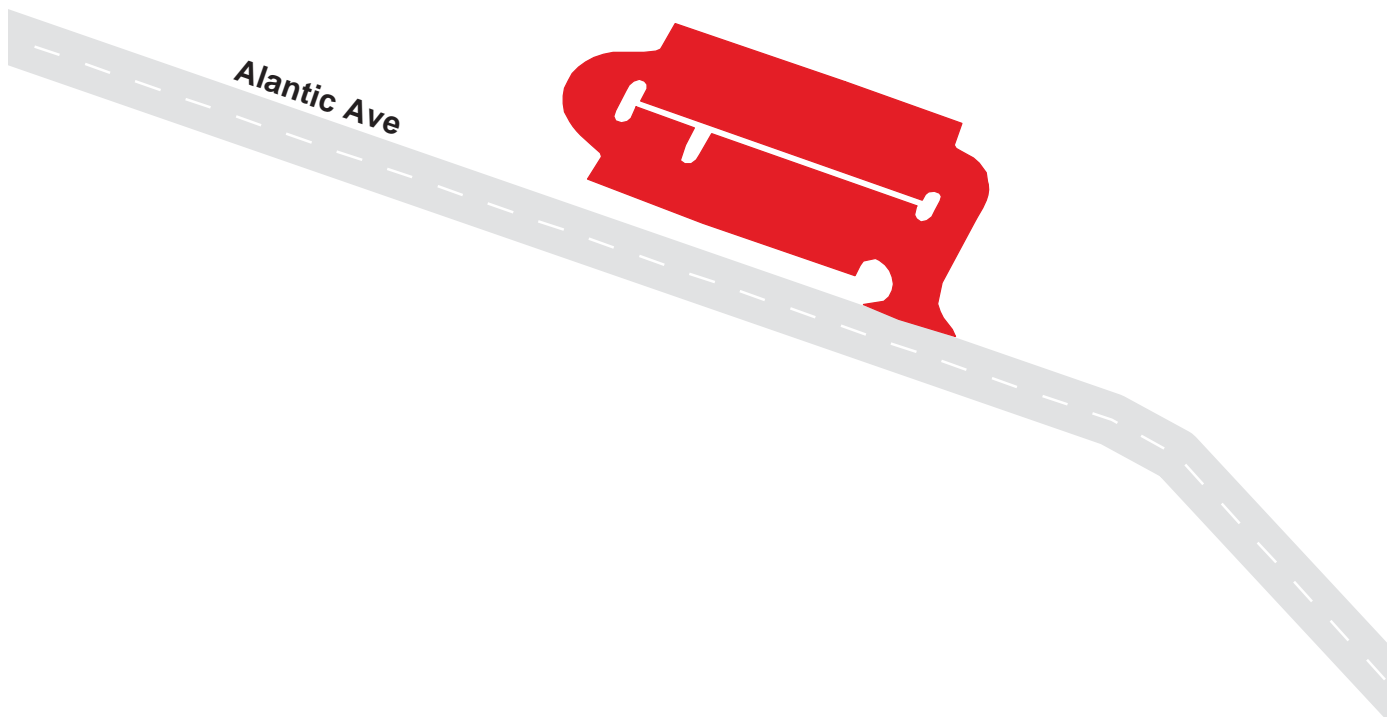
Colonial National Historical Park

Route 0940

CAPE HENRY MEMORIAL PARKING
From Alantic Avenue

Route	Public / NonPublic	Date Visited	Area (sq ft)	Lane Miles *	Surface Type	Condition / PCR
0940	Public	8/12/2004	31146	0.54	AS	POOR / 45

* Lane miles are based on 11' lane widths



Colonial National Historical Park

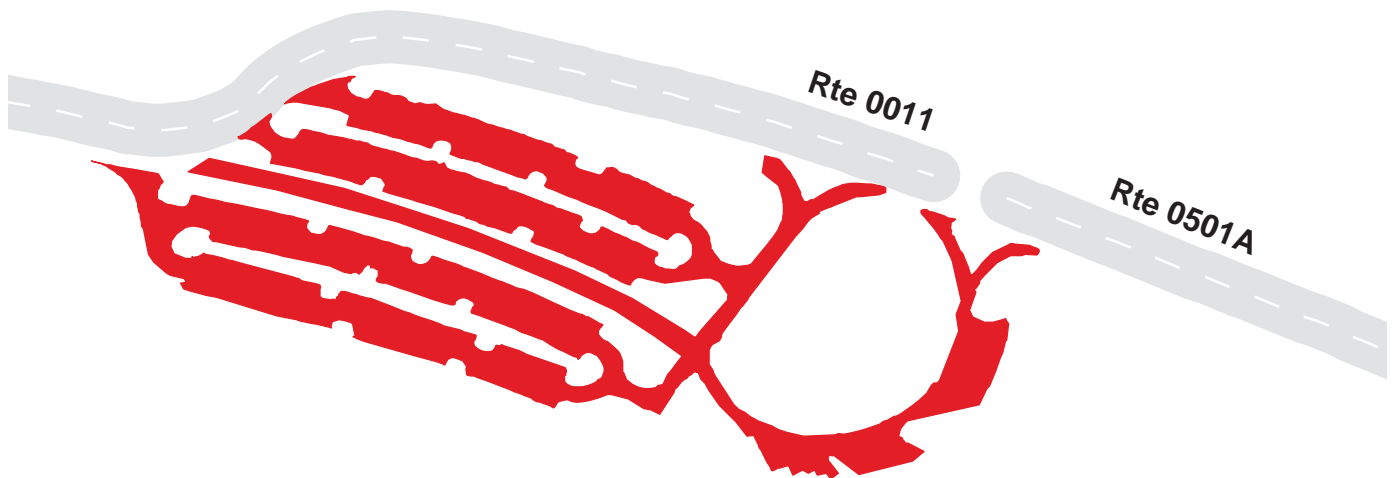
Route 0950

JAMESTOWN VISITOR'S CENTER PARKING

At End of Route 0011 / Begin Route 0501A

Route	Public / NonPublic	Date Visited	Area (sq ft)	Lane Miles *	Surface Type	Condition / PCR
0950	Public	1/8/2002	188355	3.24	OC	GOOD / 90

* Lane miles are based on 11' lane widths



Colonial National Historical Park

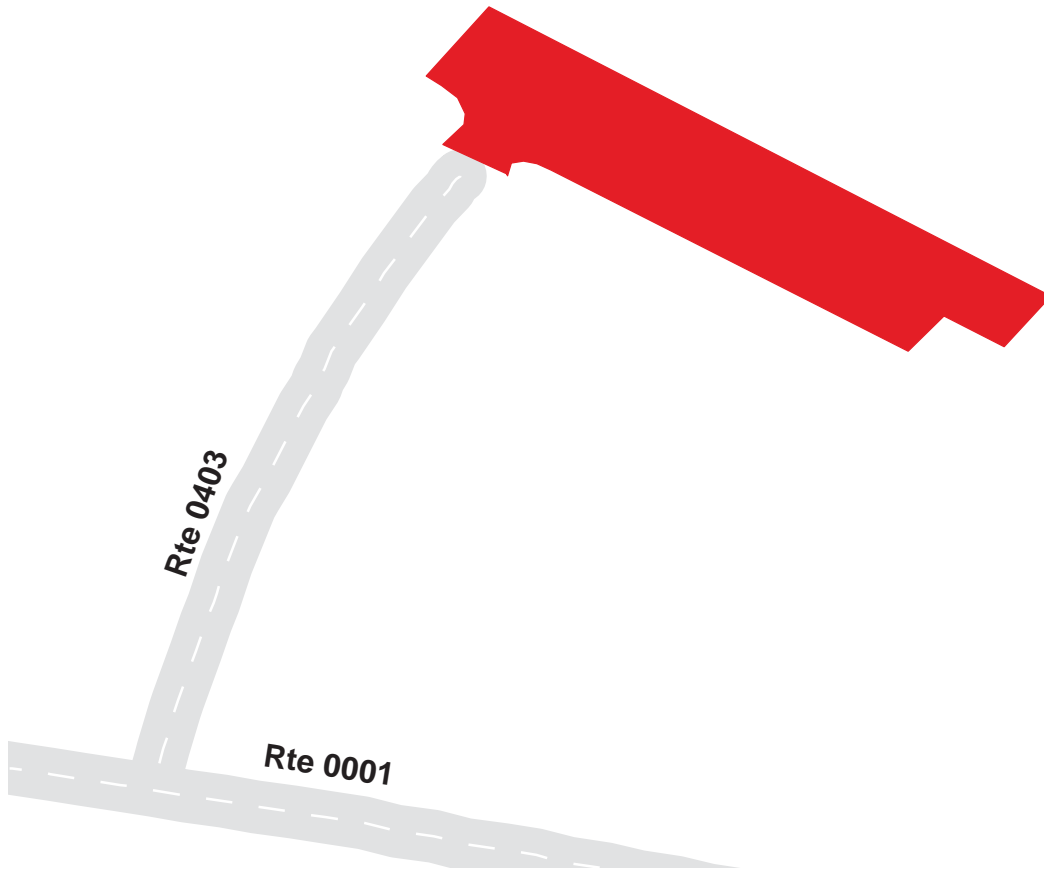
Route 0990

JAMESTOWN MAINTENANCE PARKING

At End of Route 0403

Route	Public / NonPublic	Date Visited	Area (sq ft)	Lane Miles *	Surface Type	Condition / PCR
0990	Public	1/8/2002	14856	0.26	AS	FAIR / 73

* Lane miles are based on 11' lane widths



Colonial National Historical Park

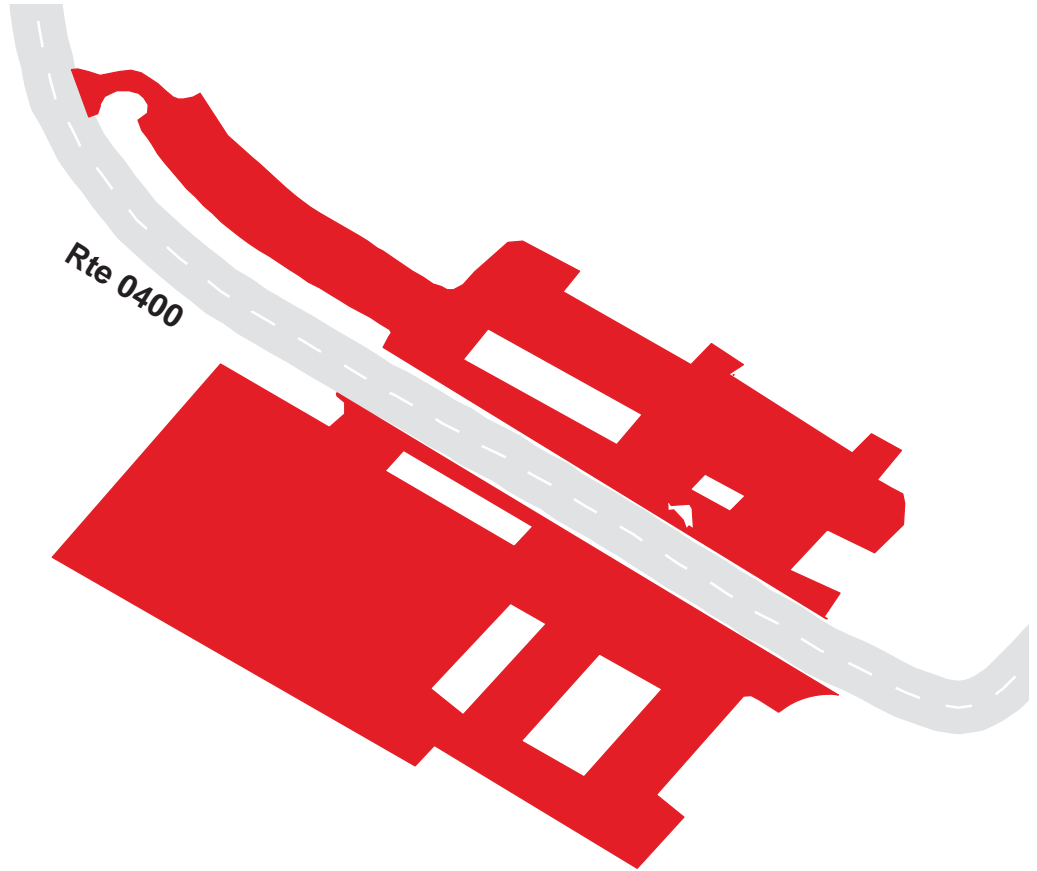
Route 0999

YORKTOWN MAINTENANCE PARKING

Adjacent to Route 0400

Route	Public / NonPublic	Date Visited	Area (sq ft)	Lane Miles *	Surface Type	Condition / PCR
0999	Public	1/8/2002	191886	3.30	AS	FAIR / 73

* Lane miles are based on 11' lane widths



COLO: PARKWIDE MAINTENANCE FEATURES SUMMARY

<i>FEATURE</i>	<i>PARK TOTAL</i>	<i>UNIT</i>
BRIDGE	21	EACH
CATTLE GUARD	0	EACH
CULVERT	128	EACH
CURB	24,848	LINEAR FEET
DROP INLET	20	EACH
GUARD WALL	0	LINEAR FEET
GUARDRAIL	24,441	LINEAR FEET
INTERSECTION	262	EACH
LOW WATER CROSSING	1	EACH
OVERHEAD SIGN	0	EACH
PARK BOUNDARY	0	EACH
PAVED DITCH	12,741	LINEAR FEET
PULLOUT	26	EACH
RAILROAD CROSSING	0	EACH
RETAINING WALL	0	EACH
STATE BOUNDARY	0	EACH
TRAFFIC LIGHT	0	EACH
TUNNEL	1	EACH
TURNOUT	0	LINEAR FEET

COLO: ROUTE MAINTENANCE FEATURES SUMMARY

<i>FEATURE</i>	<i>ROUTE 0001 COLONIAL PARKWAY</i>	<i>ROUTE 0010 YORKTOWN VISITOR CENTER ACCESS ROAD</i>	<i>ROUTE 0011 JAMESTOWN TOUR ACCESS ROAD</i>	<i>ROUTE 0100 UNTOUCHED REDOUBT ROAD</i>	<i>ROUTE 0101 GRAND FRENCH BATTERY ROAD</i>	<i>ROUTE 0102 SURRENDER FIELD ROAD</i>	<i>UNIT</i>
BRIDGE	13	0	1	0	0	0	EACH
CATTLE GUARD	0	0	0	0	0	0	EACH
CULVERT	57	0	0	2	3	1	EACH
CURB	19,156	1,447	480	0	533	0	LINEAR FEET
DROP INLET	13	2	0	0	0	0	EACH
GUARD WALL	0	0	0	0	0	0	LINEAR FEET
GUARDRAIL	22,788	0	269	0	0	0	LINEAR FEET
INTERSECTION	86	17	12	3	6	3	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	10,772	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	1	0	0	0	0	0	EACH
TURNOUT	0	0	0	0	0	0	LINEAR FEET

COLO: ROUTE MAINTENANCE FEATURES SUMMARY

<i>FEATURE</i>	<i>ROUTE 0103 REDOUBT ACCESS ROAD</i>	<i>ROUTE 0104 MOORE HOUSE ACCESS ROAD</i>	<i>ROUTE 0105A US RTE 17 ACCESS ROAD</i>	<i>ROUTE 0105B US RTE 17 ACCESS ROAD</i>	<i>ROUTE 0106 FUSILIER'S ROAD</i>	<i>ROUTE 0107A CHEATHAM ANNEX ACCESS ROAD</i>	<i>UNIT</i>
BRIDGE	0	0	0	0	0	0	EACH
CATTLE GUARD	0	0	0	0	0	0	EACH
CULVERT	2	1	0	0	1	1	EACH
CURB	264	0	37	137	243	127	LINEAR FEET
DROP INLET	1	1	0	0	0	0	EACH
GUARD WALL	0	0	0	0	0	0	LINEAR FEET
GUARDRAIL	0	0	111	433	185	0	LINEAR FEET
INTERSECTION	8	7	6	6	7	6	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	517	90	744	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

COLO: ROUTE MAINTENANCE FEATURES SUMMARY

<i>FEATURE</i>	<i>ROUTE 0107B CHEATHAM ANNEX ACCESS ROAD</i>	<i>ROUTE 0108A QUEENS LAKE ACCESS</i>	<i>ROUTE 0108B QUEENS LAKE ACCESS</i>	<i>ROUTE 0109A PARKWAY DRIVE ACCESS ROAD</i>	<i>ROUTE 0109B PARKWAY DRIVE ACCESS ROAD</i>	<i>ROUTE 0110 TAZEWELL HALL ROAD</i>	<i>UNIT</i>
BRIDGE	0	0	0	0	0	0	EACH
CATTLE GUARD	0	0	0	0	0	0	EACH
CULVERT	0	1	0	0	0	0	EACH
CURB	106	407	0	79	0	480	LINEAR FEET
DROP INLET	0	0	0	0	0	2	EACH
GUARD WALL	0	0	0	0	0	0	LINEAR FEET
GUARDRAIL	0	0	0	0	0	0	LINEAR FEET
INTERSECTION	6	6	0	5	4	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	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

COLO: ROUTE MAINTENANCE FEATURES SUMMARY

FEATURE	ROUTE 0224 WASHINGTON'S HEADQUARTERS ROAD	ROUTE 0225 SURRENDER ROAD	ROUTE 0226 FRENCH ENCAMPMENT TOUR ROAD	ROUTE 0400 YORKTOWN MAINTENANCE ROAD	ROUTE 0402 APVA ACCESS ROAD/SKIP'S DIRT ROAD	ROUTE 0500 BATTLEFIELD TOUR ROAD	UNIT
BRIDGE	0	0	1	0	0	2	EACH
CATTLE GUARD	0	0	0	0	0	0	EACH
CULVERT	1	0	18	2	1	14	EACH
CURB	195	0	0	0	0	158	LINEAR FEET
DROP INLET	0	0	0	1	0	0	EACH
GUARD WALL	0	0	0	0	0	0	LINEAR FEET
GUARDRAIL	0	0	269	0	0	385	LINEAR FEET
INTERSECTION	6	12	3	9	6	12	EACH
LOW WATER CROSSING	1	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	470	0	0	0	0	0	LINEAR FEET
PULLOUT	0	1	0	0	0	8	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

COLO: ROUTE MAINTENANCE FEATURES SUMMARY

<i>FEATURE</i>	<i>ROUTE 0501A ISLAND DRIVE</i>	<i>ROUTE 0501B ISLAND DRIVE (OUTER LOOP)</i>	<i>ROUTE 0502 SHORT LOOP ROAD</i>	<i>ROUTE 0503 EAST TOUR ROAD</i>	<i>UNIT</i>
BRIDGE	2	2	0	0	EACH
CATTLE GUARD	0	0	0	0	EACH
CULVERT	8	6	2	7	EACH
CURB	0	0	0	69	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	6	2	4	9	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	148	LINEAR FEET
PULLOUT	9	5	1	2	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

COLO: ROUTE MAINTENANCE FEATURES ROAD LOG

ROUTE 0001 : COLONIAL PARKWAY

<i>FROM MILEPOST</i>	<i>TO MILEPOST</i>	<i>FEATURE</i>	<i>SIDE</i>	<i>COMMENT</i>
0.000	0.000			ROUTE BEGINS AT STATE HIGHWAY 238
0.004	0.004	INTERSECTION	LEFT	ROUTE 010
0.005	0.005	INTERSECTION	RIGHT	STATE HIGHWAY 238
0.012	0.078	PAVED DITCH	RIGHT	
0.017	0.090	CURB	RIGHT	
0.150	0.202	PAVED DITCH	LEFT	
0.190	0.257	CURB	LEFT	
0.256	0.337	GUARDRAIL	LEFT	
0.258	0.336	GUARDRAIL	RIGHT	
0.266	0.315	BRIDGE	N/A	
0.342	0.342	INTERSECTION	LEFT	RTE 105B US ROUTE 17 ACCESS ROAD
0.356	0.370	CURB	LEFT	
0.362	0.566	GUARDRAIL	RIGHT	
0.370	0.370	INTERSECTION	LEFT	RTE 105B US ROUTE 17 ACCESS ROAD
0.392	0.547	GUARDRAIL	LEFT	
0.415	0.415	DROP INLET	RIGHT	
0.417	0.453	BRIDGE	N/A	
0.559	0.559	INTERSECTION	RIGHT	RTE 105A US ROUTE 17 ACCESS ROAD
0.570	0.591	CURB	RIGHT	
0.594	0.594	INTERSECTION	RIGHT	RTE 105A US ROUTE 17 ACCESS ROAD
0.670	0.670	CULVERT	N/A	
0.827	0.827	CULVERT	N/A	
1.060	1.255	PAVED DITCH	LEFT	
1.068	1.281	PAVED DITCH	RIGHT	
1.265	1.353	GUARDRAIL	LEFT	

COLO: ROUTE MAINTENANCE FEATURES ROAD LOG

ROUTE 0001 : COLONIAL PARKWAY

<i>FROM MILEPOST</i>	<i>TO MILEPOST</i>	<i>FEATURE</i>	<i>SIDE</i>	<i>COMMENT</i>
1.285	1.359	GUARDRAIL	RIGHT	
1.305	1.305	CULVERT	N/A	
1.379	1.456	PAVED DITCH	RIGHT	
1.389	1.394	PAVED DITCH	LEFT	
1.464	1.464	INTERSECTION	RIGHT	RTE 106 FUSILIER'S ROAD
1.521	1.521	CULVERT	N/A	
1.615	1.615	CULVERT	N/A	
1.741	1.796	CURB	LEFT	
1.856	1.856	INTERSECTION	LEFT	
1.862	1.862	INTERSECTION	LEFT	
2.038	2.177	GUARDRAIL	RIGHT	
2.065	2.065	CULVERT	N/A	
2.100	2.150	GUARDRAIL	LEFT	
2.113	2.113	CULVERT	N/A	
2.231	2.340	GUARDRAIL	LEFT	
2.236	2.296	GUARDRAIL	RIGHT	
2.253	2.275	BRIDGE	N/A	
2.683	2.771	GUARDRAIL	LEFT	
2.715	2.761	GUARDRAIL	RIGHT	
2.724	2.724	CULVERT	N/A	
2.779	2.779	INTERSECTION	RIGHT	RTE 906 NAVAL WEAPONS STATION PARKING
2.820	2.820	INTERSECTION	RIGHT	RTE 906 NAVAL WEAPONS STATION PARKING
2.827	2.910	GUARDRAIL	LEFT	
2.832	2.934	GUARDRAIL	RIGHT	
2.873	2.899	BRIDGE	N/A	
2.977	3.148	GUARDRAIL	RIGHT	

COLO: ROUTE MAINTENANCE FEATURES ROAD LOG

ROUTE 0001 : COLONIAL PARKWAY

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
2.988	3.117	CURB	LEFT	
3.116	3.116	CULVERT	N/A	
3.234	3.234	INTERSECTION	RIGHT	RTE 907 YORK RIVER PARKING
3.269	3.269	INTERSECTION	RIGHT	RTE 907 YORK RIVER PARKING
3.988	3.988	INTERSECTION	RIGHT	RTE 908 POWHATAN PARKING
4.034	4.034	INTERSECTION	RIGHT	RTE 908 POWHATAN PARKING
4.095	4.095	INTERSECTION	LEFT	RTE 909 INDIAN FIELD CREEK
4.131	4.131	INTERSECTION	LEFT	RTE 909 INDIAN FIELD CREEK
4.146	4.178	CURB	LEFT	
4.182	4.240	GUARDRAIL	RIGHT	
4.185	4.248	GUARDRAIL	LEFT	
4.188	4.228	BRIDGE	N/A	
5.064	5.064	INTERSECTION	LEFT	
5.191	5.191	CULVERT	N/A	
5.460	5.460	INTERSECTION	RIGHT	RTE 910 BELLFIELD PLANTATION PARKING
5.500	5.500	INTERSECTION	RIGHT	RTE 910 BELLFIELD PLANTATION PARKING
5.706	5.706	INTERSECTION	RIGHT	RTE 911 RINGFIELD PLANTATION PARKING
5.763	5.763	INTERSECTION	RIGHT	RTE 911 RINGFIELD PLANTATION PARKING
5.804	5.889	GUARDRAIL	RIGHT	
5.808	5.890	GUARDRAIL	LEFT	
5.816	5.871	BRIDGE	N/A	
5.873	6.117	CURB	LEFT	
6.015	6.015	INTERSECTION	RIGHT	UNPAVED
6.199	6.353	CURB	RIGHT	
6.357	6.357	CULVERT	N/A	

COLO: ROUTE MAINTENANCE FEATURES ROAD LOG

ROUTE 0001 : COLONIAL PARKWAY

<i>FROM MILEPOST</i>	<i>TO MILEPOST</i>	<i>FEATURE</i>	<i>SIDE</i>	<i>COMMENT</i>
6.431	6.431	CULVERT	N/A	
6.431	6.459	GUARDRAIL	LEFT	
6.644	6.644	INTERSECTION	RIGHT	
6.817	6.840	GUARDRAIL	LEFT	
6.828	6.828	CULVERT	N/A	
6.925	7.084	GUARDRAIL	RIGHT	
6.934	7.080	GUARDRAIL	LEFT	
6.941	7.063	BRIDGE	N/A	
7.319	7.319	CULVERT	N/A	
7.375	7.482	CURB	RIGHT	
7.812	7.812	CULVERT	N/A	
7.958	7.958	CULVERT	N/A	
8.112	8.150	CURB	RIGHT	
8.150	8.150	INTERSECTION	RIGHT	RTE 107A CHEATAM ANNEX ACCESS ROAD
8.162	8.179	CURB	RIGHT	
8.181	8.181	INTERSECTION	RIGHT	RTE 107A CHEATAM ANNEX ACCESS
8.270	8.270	INTERSECTION	LEFT	RTE 107B CHEATAM ANNEX ACCESS ROAD
8.273	8.288	CURB	LEFT	
8.290	8.290	INTERSECTION	LEFT	RTE 107B CHEATAM ANNEX ACCESS ROAD
8.322	8.378	GUARDRAIL	RIGHT	
8.327	8.382	GUARDRAIL	LEFT	
8.330	8.367	BRIDGE	N/A	
8.475	8.475	CULVERT	N/A	
8.702	8.702	CULVERT	N/A	
8.910	8.910	CULVERT	N/A	

COLO: ROUTE MAINTENANCE FEATURES ROAD LOG

ROUTE 0001 : COLONIAL PARKWAY

<i>FROM MILEPOST</i>	<i>TO MILEPOST</i>	<i>FEATURE</i>	<i>SIDE</i>	<i>COMMENT</i>
8.985	8.985	CULVERT	N/A	
9.051	9.127	CURB	RIGHT	
9.095	9.095	INTERSECTION	LEFT	RTE 912 JAMES MILL PARKING
9.122	9.122	INTERSECTION	LEFT	RTE 912 JAMES MILL PARKING
9.132	9.239	GUARDRAIL	RIGHT	
9.141	9.237	GUARDRAIL	LEFT	
9.169	9.169	CULVERT	N/A	
9.342	9.342	CULVERT	N/A	
9.346	9.454	CURB	LEFT	
9.557	9.557	CULVERT	N/A	
9.670	9.670	CULVERT	N/A	
9.737	9.737	CULVERT	N/A	
9.816	9.816	CULVERT	N/A	
9.979	10.208	CURB	LEFT	
10.245	10.245	CULVERT	N/A	
10.275	10.333	PAVED DITCH	RIGHT	
10.310	10.405	CURB	RIGHT	
10.418	10.439	PAVED DITCH	RIGHT	
10.439	10.535	CURB	RIGHT	
10.824	10.824	CULVERT	N/A	
10.916	10.916	INTERSECTION	LEFT	RTE 108A QUEENS LAKE ACCESS
10.923	10.943	CURB	LEFT	
10.944	10.944	INTERSECTION	LEFT	RTE 108A QUEENS LAKE ACCESS
10.986	11.029	GUARDRAIL	LEFT	
10.988	11.031	GUARDRAIL	RIGHT	
10.994	11.016	BRIDGE	N/A	

COLO: ROUTE MAINTENANCE FEATURES ROAD LOG

ROUTE 0001 : COLONIAL PARKWAY

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
11.052	11.052	INTERSECTION	RIGHT	RTE 108B QUEENS LAKE ACCESS
11.064	11.083	CURB	RIGHT	
11.085	11.085	INTERSECTION	RIGHT	RTE 108B QUEENS LAKE ACCESS
11.237	11.237	CULVERT	N/A	
11.344	11.344	CULVERT	N/A	
11.473	11.513	CURB	RIGHT	
11.492	11.492	CULVERT	N/A	
11.536	11.587	CURB	RIGHT	
11.634	11.634	INTERSECTION	RIGHT	RTE 109A PARKWAY DRIVE ACCESS ROAD
11.648	11.668	CURB	RIGHT	
11.671	11.671	INTERSECTION	RIGHT	RTE 109A PARKWAY DRIVE ACCESS ROAD
11.794	11.794	INTERSECTION	LEFT	RTE 109B PARKWAY DRIVE ACCESS ROAD
11.798	11.821	CURB	LEFT	
11.823	11.823	INTERSECTION	LEFT	RTE 109B PARKWAY DRIVE ACCESS ROAD
11.934	11.934	CULVERT	N/A	
12.028	12.028	DROP INLET	RIGHT	
12.388	12.467	CURB	RIGHT	
12.399	12.399	INTERSECTION	LEFT	
12.407	12.456	CURB	LEFT	
12.458	12.458	DROP INLET	LEFT	
12.460	12.460	INTERSECTION	LEFT	
12.467	12.467	INTERSECTION	RIGHT	COLO WILLIAMSBURG
12.467	12.501	CURB	LEFT	
12.481	12.516	CURB	RIGHT	

COLO: ROUTE MAINTENANCE FEATURES ROAD LOG

ROUTE 0001 : COLONIAL PARKWAY

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
12.503	12.503	INTERSECTION	LEFT	
12.514	12.562	CURB	LEFT	
12.516	12.516	DROP INLET	LEFT	
12.517	12.517	INTERSECTION	RIGHT	COLO WILLIAMSBURG
12.517	12.525	CURB	RIGHT	
12.526	12.673	CURB	RIGHT	
12.528	12.528	INTERSECTION	RIGHT	COLO WILLIAMSBURG
12.555	12.555	DROP INLET	RIGHT	
12.564	12.603	CURB	LEFT	
12.646	12.646	DROP INLET	RIGHT	
12.679	12.679	INTERSECTION	RIGHT	LAYFAYETTE
12.687	12.698	CURB	RIGHT	
12.699	12.699	INTERSECTION	RIGHT	LAYFAYETTE
12.782	13.020	CURB	LEFT	
12.786	13.021	CURB	RIGHT	
12.789	12.789	DROP INLET	LEFT	
12.790	13.016	TUNNEL	N/A	
12.792	12.792	DROP INLET	RIGHT	
13.017	13.017	DROP INLET	LEFT	
13.019	13.019	DROP INLET	RIGHT	
13.061	13.098	CURB	LEFT	
13.181	13.198	CURB	LEFT	
13.184	13.184	INTERSECTION	LEFT	ROUTE 112A, NEWPORT AVENUE ACCESS ROAD A
13.201	13.201	INTERSECTION	LEFT	ROUTE 112A, NEWPORT AVENUE ACCESS ROAD A
13.212	13.294	PAVED DITCH	RIGHT	
13.297	13.297	INTERSECTION	RIGHT	ROUTE 112B, NEWPORT AVENUE ACCESS ROAD B

COLO: ROUTE MAINTENANCE FEATURES ROAD LOG

ROUTE 0001 : COLONIAL PARKWAY

<i>FROM MILEPOST</i>	<i>TO MILEPOST</i>	<i>FEATURE</i>	<i>SIDE</i>	<i>COMMENT</i>
13.307	13.320	CURB	RIGHT	
13.321	13.321	INTERSECTION	RIGHT	ROUTE 112B, NEWPORT AVENUE ACCESS ROAD B
13.399	13.447	PAVED DITCH	LEFT	
13.465	13.465	CULVERT	N/A	
13.584	13.600	PAVED DITCH	LEFT	
13.588	13.588	CULVERT	N/A	
13.674	13.765	PAVED DITCH	RIGHT	
13.691	13.691	INTERSECTION	LEFT	RTE 913 PAISADES GREAT OAKS PARKING
13.699	13.743	CURB	RIGHT	
13.727	13.727	INTERSECTION	LEFT	RTE 913 PAISADES GREAT OAKS PARKING
13.787	13.787	CULVERT	N/A	
13.877	13.931	CURB	LEFT	
13.883	13.883	INTERSECTION	LEFT	RTE 914 GREAT NECK PARKING
13.884	13.884	CULVERT	N/A	
13.922	13.922	INTERSECTION	LEFT	RTE 914 GREAT NECK PARKING
14.028	14.173	CURB	LEFT	
14.131	14.131	CULVERT	N/A	
14.222	14.222	CULVERT	N/A	
14.227	14.325	PAVED DITCH	RIGHT	
14.334	14.436	PAVED DITCH	RIGHT	
14.342	14.342	CULVERT	N/A	
14.391	14.422	PAVED DITCH	LEFT	
14.402	14.432	CURB	RIGHT	
14.469	14.469	INTERSECTION	RIGHT	RTE 111A
14.480	14.494	CURB	RIGHT	

COLO: ROUTE MAINTENANCE FEATURES ROAD LOG

ROUTE 0001 : COLONIAL PARKWAY

<i>FROM MILEPOST</i>	<i>TO MILEPOST</i>	<i>FEATURE</i>	<i>SIDE</i>	<i>COMMENT</i>
14.483	14.483	INTERSECTION	LEFT	RTE 111C
14.488	14.505	CURB	LEFT	
14.496	14.496	INTERSECTION	RIGHT	RTE 111A
14.506	14.506	INTERSECTION	LEFT	RTE 111C
14.543	14.608	PAVED DITCH	LEFT	
14.548	14.602	PAVED DITCH	RIGHT	
14.602	14.602	INTERSECTION	RIGHT	RTE 111B
14.611	14.627	CURB	RIGHT	
14.614	14.614	INTERSECTION	LEFT	RTE 111D
14.621	14.640	CURB	LEFT	
14.627	14.627	INTERSECTION	RIGHT	RTE 111B
14.637	14.683	PAVED DITCH	LEFT	
14.640	14.640	INTERSECTION	LEFT	RTE 111D
14.651	14.651	CULVERT	N/A	
14.727	14.821	PAVED DITCH	LEFT	
14.728	14.771	PAVED DITCH	RIGHT	
14.802	14.802	CULVERT	N/A	
14.891	15.001	PAVED DITCH	LEFT	
14.906	15.023	PAVED DITCH	RIGHT	
15.010	15.131	GUARDRAIL	LEFT	
15.023	15.244	GUARDRAIL	RIGHT	
15.053	15.053	CULVERT	N/A	
15.180	15.236	GUARDRAIL	LEFT	
15.205	15.205	CULVERT	N/A	
15.302	15.390	PAVED DITCH	LEFT	
15.312	15.419	PAVED DITCH	RIGHT	
15.429	15.625	GUARDRAIL	LEFT	

COLO: ROUTE MAINTENANCE FEATURES ROAD LOG

ROUTE 0001 : COLONIAL PARKWAY

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
15.432	15.640	GUARDRAIL	RIGHT	
15.452	15.604	BRIDGE	N/A	
15.618	15.666	PAVED DITCH	LEFT	
15.623	15.692	CURB	LEFT	
15.626	15.674	PAVED DITCH	RIGHT	
15.730	15.730	INTERSECTION	LEFT	
15.739	15.739	INTERSECTION	RIGHT	
15.837	15.883	CURB	RIGHT	
15.848	15.913	PAVED DITCH	RIGHT	
15.928	15.928	CULVERT	N/A	
15.939	16.077	GUARDRAIL	LEFT	
15.979	16.026	CURB	RIGHT	
16.002	16.002	CULVERT	N/A	
16.097	16.184	GUARDRAIL	RIGHT	
16.100	16.221	GUARDRAIL	LEFT	
16.134	16.163	BRIDGE	N/A	
16.265	16.265	INTERSECTION	RIGHT	RTE 915 ATTEMPTED SETTLEMENT/COLLEGE CREEK
16.290	16.290	DROP INLET	RIGHT	
16.351	16.351	INTERSECTION	RIGHT	RTE 915 ATTEMPTED SETTLEMENT/COLLEGE CREEK
16.620	16.620	INTERSECTION	LEFT	RTE 916 JAMES RIVER PARKING
16.663	16.663	INTERSECTION	LEFT	RTE 916 JAMES RIVER PARKING
16.764	16.764	CULVERT	N/A	
16.784	16.784	CULVERT	N/A	
17.130	17.130	CULVERT	N/A	

COLO: ROUTE MAINTENANCE FEATURES ROAD LOG

ROUTE 0001 : COLONIAL PARKWAY

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
17.362	17.362	CULVERT	N/A	
17.603	17.603	INTERSECTION	LEFT	RTE 917 ARCHER'S HOPE PARKING
17.708	17.708	INTERSECTION	LEFT	RTE 917 ARCHER'S HOPE PARKING
17.891	17.891	CULVERT	N/A	
18.091	18.091	INTERSECTION	RIGHT	FARM ACCESS
18.221	18.221	CULVERT	N/A	
18.323	18.323	CULVERT	N/A	
18.525	18.525	DROP INLET	LEFT	
18.868	18.868	CULVERT	N/A	
19.047	19.047	INTERSECTION	LEFT	RTE 918 JAMESTOWN ENTRANCE PARKING
19.140	19.140	INTERSECTION	LEFT	RTE 918 JAMESTOWN ENTRANCE PARKING
19.157	19.267	GUARDRAIL	RIGHT	
19.174	19.287	GUARDRAIL	LEFT	
19.196	19.214	BRIDGE	N/A	
19.442	19.442	INTERSECTION	LEFT	RTE 919 REAL ESTATE PARKING
19.481	19.481	INTERSECTION	LEFT	RTE 919 REAL ESTATE PARKING
19.751	19.751	CULVERT	N/A	
19.910	19.910	INTERSECTION	LEFT	RTE 920 NECK OF LAND PARKING
19.986	19.986	INTERSECTION	LEFT	RTE 920 NECK OF LAND PARKING
20.506	20.506	CULVERT	N/A	
20.551	20.551	INTERSECTION	RIGHT	ROUTE 403, JAMESTOWN MAINTENANCE ROAD
20.857	20.857	INTERSECTION	LEFT	ROUTE 110, TAZEWELL ROAD
20.866	20.866	CULVERT	N/A	

COLO: ROUTE MAINTENANCE FEATURES ROAD LOG

ROUTE 0001 : COLONIAL PARKWAY

<i>FROM MILEPOST</i>	<i>TO MILEPOST</i>	<i>FEATURE</i>	<i>SIDE</i>	<i>COMMENT</i>
21.070	21.070	CULVERT	N/A	
21.119	21.309	GUARDRAIL	RIGHT	
21.128	21.311	GUARDRAIL	LEFT	
21.136	21.279	BRIDGE	N/A	
21.364	21.472	CURB	LEFT	
21.371	21.371	INTERSECTION	LEFT	
21.405	21.433	CURB	RIGHT	
21.438	21.438	INTERSECTION	RIGHT	JAMESTOWN SETTLEMENT
21.449	21.476	CURB	RIGHT	
21.472	21.472	INTERSECTION	LEFT	RTE 921 JAMESTOWN ENTRANCE PARKING
21.479	21.479	INTERSECTION	RIGHT	JAMESTOWN SETTLEMENT
21.483	21.589	CURB	LEFT	
21.488	21.488	DROP INLET	LEFT	
21.603	21.603	INTERSECTION	LEFT	RTE 921 JAMESTOWN ENTRANCE PARKING
21.606	21.697	CURB	LEFT	
21.633	21.647	CURB	RIGHT	
21.658	21.678	CURB	RIGHT	
21.692	21.692	INTERSECTION	RIGHT	RTE 904 GLASSHOUSE PARKING
21.699	21.699	INTERSECTION	LEFT	ROUTE 011
21.710	21.710			ROUTE ENDS AT JAMESTOWN

COLO: ROUTE MAINTENANCE FEATURES ROAD LOG

ROUTE 0010 : YORKTOWN VISITOR CENTER ACCESS ROAD

<i>FROM MILEPOST</i>	<i>TO MILEPOST</i>	<i>FEATURE</i>	<i>SIDE</i>	<i>COMMENT</i>
0.000	0.000			ROUTE BEGINS AT STATE HIGHWAY 238
0.007	0.007	INTERSECTION	LEFT	ROUTE 001
0.008	0.008	INTERSECTION	RIGHT	STATE HWY 238
0.054	0.054	INTERSECTION	LEFT	
0.172	0.172	INTERSECTION	LEFT	RTE 010, END OF LOOP
0.181	0.198	CURB	LEFT	
0.203	0.203	INTERSECTION	LEFT	RTE 901
0.213	0.354	CURB	LEFT	
0.244	0.244	DROP INLET	LEFT	
0.270	0.303	CURB	RIGHT	
0.281	0.281	INTERSECTION	LEFT	RTE 901
0.308	0.316	CURB	RIGHT	
0.309	0.309	INTERSECTION	LEFT	RTE 901
0.319	0.319	INTERSECTION	RIGHT	RTE 901
0.322	0.345	CURB	RIGHT	
0.323	0.323	INTERSECTION	LEFT	RTE 901
0.350	0.350	INTERSECTION	RIGHT	RTE 901
0.355	0.356	CURB	RIGHT	
0.357	0.357	DROP INLET	RIGHT	
0.359	0.359	INTERSECTION	LEFT	RTE 901
0.367	0.406	CURB	LEFT	
0.411	0.411	INTERSECTION	LEFT	RTE 901
0.423	0.423	INTERSECTION	LEFT	RTE 901
0.437	0.437	INTERSECTION	LEFT	RTE 901
0.443	0.443	INTERSECTION	RIGHT	
0.449	0.461	CURB	LEFT	
0.467	0.467	INTERSECTION	RIGHT	RTE 010, END OF LOOP

COLO: ROUTE MAINTENANCE FEATURES ROAD LOG

ROUTE 0010 : YORKTOWN VISITOR CENTER ACCESS ROAD

<i>FROM MILEPOST</i>	<i>TO MILEPOST</i>	<i>FEATURE</i>	<i>SIDE</i>	<i>COMMENT</i>
0.469	0.469	INTERSECTION	LEFT	RTE 010, END OF LOOP
0.470	0.470			ROUTE ENDS AT END OF LOOP AT ROUTE 0901

COLO: ROUTE MAINTENANCE FEATURES ROAD LOG

ROUTE 0011 : JAMESTOWN TOUR ACCESS ROAD

<i>FROM MILEPOST</i>	<i>TO MILEPOST</i>	<i>FEATURE</i>	<i>SIDE</i>	<i>COMMENT</i>
0.000	0.000			ROUTE BEGINS AT END OF ROUTE 0001
0.008	0.008	INTERSECTION	RIGHT	RTE 001
0.009	0.057	CURB	LEFT	
0.331	0.331	INTERSECTION	RIGHT	'THE ISTHMUS'
0.337	0.360	CURB	RIGHT	
0.366	0.366	INTERSECTION	RIGHT	'THE ISTHMUS'
0.468	0.494	GUARDRAIL	RIGHT	
0.471	0.496	GUARDRAIL	LEFT	
0.475	0.488	BRIDGE	N/A	
0.757	0.757	INTERSECTION	RIGHT	ROUTE 402, APVA ACCESS/ SKIPS DIRT ROAD
0.832	0.832	INTERSECTION	RIGHT	RTE 950 JAMESTOWN VISITOR CENTER PARKING
0.851	0.862	CURB	RIGHT	
0.857	0.857	INTERSECTION	RIGHT	RTE 950 JAMESTOWN VISITOR CENTER PARKING
0.868	0.868	INTERSECTION	RIGHT	RTE 950 JAMESTOWN VISITOR CENTER PARKING
0.884	0.884	INTERSECTION	RIGHT	RTE 950 JAMESTOWN VISITOR CENTER PARKING
0.898	0.907	CURB	RIGHT	
0.995	0.995	INTERSECTION	RIGHT	RTE 950 JAMESTOWN VISITOR CENTER PARKING
1.021	1.021	INTERSECTION	RIGHT	RTE 950 JAMESTOWN VISITOR CENTER PARKING
1.040	1.040	INTERSECTION	RIGHT	RTE 950 JAMESTOWN VISITOR CENTER PARKING
1.060	1.060			ROUTE ENDS AT ROUTE 0501A AND ROUTE 0950
1.062	1.062	INTERSECTION	RIGHT	RTE 950 JAMESTOWN VISITOR CENTER PARKING

COLO: ROUTE MAINTENANCE FEATURES ROAD LOG

ROUTE 0100 : UNTOUCHED REDOUBT ROAD

<i>FROM MILEPOST</i>	<i>TO MILEPOST</i>	<i>FEATURE</i>	<i>SIDE</i>	<i>COMMENT</i>
0.000	0.000			ROUTE BEGINS AT GOOSELY ROAD
0.000	0.000	INTERSECTION	RIGHT	GOOSLEY RD
0.003	0.003	INTERSECTION	LEFT	GOOSLEY RD
0.161	0.161	CULVERT	N/A	
0.302	0.302	CULVERT	N/A	
0.302	0.302	INTERSECTION	LEFT	RTE 903
0.310	0.310			ROUTE ENDS AT ROUTE 0903

COLO: ROUTE MAINTENANCE FEATURES ROAD LOG

ROUTE 0101 : GRAND FRENCH BATTERY ROAD

<i>FROM MILEPOST</i>	<i>TO MILEPOST</i>	<i>FEATURE</i>	<i>SIDE</i>	<i>COMMENT</i>
0.000	0.000			ROUTE BEGINS AT STATE HIGHWAY 238
0.007	0.007	INTERSECTION	RIGHT	STATE HIGHWAY 238
0.008	0.008	INTERSECTION	LEFT	STATE HIGHWAY 238
0.010	0.010	CULVERT	N/A	
0.017	0.066	CURB	LEFT	
0.017	0.069	CURB	RIGHT	
0.042	0.042	INTERSECTION	RIGHT	ROUTE 927, GRAND FRENCH BATTERY PARKING
0.088	0.088	INTERSECTION	LEFT	
0.094	0.094	CULVERT	N/A	
0.131	0.131	CULVERT	N/A	
0.200	0.200			ROUTE ENDS AT END OF LOOP
0.200	0.200	INTERSECTION	RIGHT	ROUTE 101, END OF LOOP
0.203	0.203	INTERSECTION	LEFT	ROUTE 101, END OF LOOP

COLO: ROUTE MAINTENANCE FEATURES ROAD LOG

ROUTE 0102 : SURRENDER FIELD ROAD

<i>FROM MILEPOST</i>	<i>TO MILEPOST</i>	<i>FEATURE</i>	<i>SIDE</i>	<i>COMMENT</i>
0.000	0.000			ROUTE BEGINS AT ROUTE 0225 AT MP 096
0.001	0.001	INTERSECTION	RIGHT	RTE 225
0.002	0.002	CULVERT	N/A	
0.007	0.007	INTERSECTION	LEFT	RTE 225
0.070	0.070			ROUTE ENDS AT ROUTE 0929
0.078	0.078	INTERSECTION	LEFT	RTE 929

COLO: ROUTE MAINTENANCE FEATURES ROAD LOG

ROUTE 0103 : REDOUBT ACCESS ROAD

<i>FROM MILEPOST</i>	<i>TO MILEPOST</i>	<i>FEATURE</i>	<i>SIDE</i>	<i>COMMENT</i>
0.000	0.000			ROUTE BEGINS AT STATE HIGHWAY 238
0.001	0.001	INTERSECTION	LEFT	STATE HWY 238
0.003	0.003	INTERSECTION	RIGHT	RTE 503
0.010	0.010	CULVERT	N/A	
0.118	0.118	CULVERT	N/A	
0.121	0.121	INTERSECTION	LEFT	RTE 103, END OF LOOP
0.139	0.176	CURB	LEFT	
0.151	0.157	CURB	RIGHT	
0.153	0.153	INTERSECTION	RIGHT	RTE 902 REDOUBT 9, 10 ACCESS ROAD PARKING
0.156	0.156	DROP INLET	RIGHT	
0.166	0.166	INTERSECTION	RIGHT	RTE 902 REDOUBT 9, 10 ACCESS ROAD PARKING
0.170	0.177	CURB	RIGHT	
0.190	0.190	INTERSECTION	RIGHT	RTE 902 REDOUBT 9, 10 ACCESS ROAD PARKING
0.216	0.216	INTERSECTION	LEFT	RTE 103, END OF LOOP
0.217	0.217	INTERSECTION	RIGHT	RTE 103, END OF LOOP
0.220	0.220			ROUTE ENDS AT END OF LOOP AT ROUTE 0902

COLO: ROUTE MAINTENANCE FEATURES ROAD LOG

ROUTE 0104 : MOORE HOUSE ACCESS ROAD

<i>FROM MILEPOST</i>	<i>TO MILEPOST</i>	<i>FEATURE</i>	<i>SIDE</i>	<i>COMMENT</i>
0.000	0.000			ROUTE BEGINS AT ROUTE 0503
0.007	0.007	INTERSECTION	RIGHT	RTE 503
0.055	0.055	DROP INLET	RIGHT	
0.092	0.092	CULVERT	N/A	
0.334	0.334	INTERSECTION	LEFT	COUNTY ROUTE 238
0.334	0.334	INTERSECTION	RIGHT	COUNTY ROUTE 238
0.420	0.420	INTERSECTION	RIGHT	HAMILTON STREET (LOCAL ROAD)
0.421	0.421	INTERSECTION	LEFT	HAMILTON STREET (LOCAL ROAD)
0.530	0.530			ROUTE ENDS AT ROUTE 0928
0.532	0.532	INTERSECTION	RIGHT	RTE 928
0.535	0.535	INTERSECTION	LEFT	RTE 928

COLO: ROUTE MAINTENANCE FEATURES ROAD LOG

ROUTE 0105A : US RTE 17 ACCESS ROAD

<i>FROM MILEPOST</i>	<i>TO MILEPOST</i>	<i>FEATURE</i>	<i>SIDE</i>	<i>COMMENT</i>
0.000	0.000			ROUTE BEGINS AT ROUTE 0001 AT MP 057
0.006	0.006	INTERSECTION	LEFT	RTE 001
0.008	0.008	INTERSECTION	RIGHT	RTE 001
0.018	0.025	CURB	LEFT	
0.032	0.032	INTERSECTION	LEFT	
0.085	0.169	PAVED DITCH	LEFT	
0.090	0.104	PAVED DITCH	RIGHT	
0.147	0.168	GUARDRAIL	RIGHT	
0.167	0.167	INTERSECTION	LEFT	SPUR RTE 105A
0.190	0.190			ROUTE ENDS AT US ROUTE 17
0.192	0.192	INTERSECTION	LEFT	US RTE 17
0.193	0.193	INTERSECTION	RIGHT	US RTE 17

COLO: ROUTE MAINTENANCE FEATURES ROAD LOG

ROUTE 0105B : US RTE 17 ACCESS ROAD

<i>FROM MILEPOST</i>	<i>TO MILEPOST</i>	<i>FEATURE</i>	<i>SIDE</i>	<i>COMMENT</i>
0.000	0.000			ROUTE BEGINS AT US ROUTE 17
0.007	0.007	INTERSECTION	LEFT	US RTE 17
0.007	0.007	INTERSECTION	RIGHT	US RTE 17
0.017	0.035	CURB	LEFT	
0.042	0.042	INTERSECTION	LEFT	
0.056	0.073	PAVED DITCH	RIGHT	
0.070	0.113	GUARDRAIL	RIGHT	
0.103	0.126	GUARDRAIL	LEFT	
0.176	0.192	GUARDRAIL	LEFT	
0.189	0.189	INTERSECTION	LEFT	
0.191	0.199	CURB	LEFT	
0.200	0.200			ROUTE ENDS AT ROUTE 0001 AT MP 035
0.201	0.201	INTERSECTION	LEFT	RTE 001
0.201	0.201	INTERSECTION	RIGHT	RTE 001

COLO: ROUTE MAINTENANCE FEATURES ROAD LOG

ROUTE 0106 : FUSILIER'S ROAD

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.000	0.000			ROUTE BEGINS AT ROUTE 0001 AT MP 149
0.002	0.002	INTERSECTION	LEFT	RTE 001
0.002	0.002	INTERSECTION	RIGHT	RTE 001
0.018	0.159	PAVED DITCH	RIGHT	
0.019	0.019	CULVERT	N/A	
0.160	0.166	CURB	LEFT	
0.167	0.167	INTERSECTION	LEFT	RTE 905 FUSILIERS PARKING
0.174	0.208	CURB	LEFT	
0.210	0.210	INTERSECTION	LEFT	RTE 905 FUSILIERS PARKING
0.302	0.337	GUARDRAIL	LEFT	
0.340	0.340	INTERSECTION	LEFT	SPUR RTE 106
0.344	0.350	CURB	RIGHT	
0.350	0.350			ROUTE ENDS AT OLD WILLIAMSBURG ROAD
0.350	0.350	CURB	LEFT	
0.354	0.354	INTERSECTION	RIGHT	OLD WILLIAMSBURG ROAD
0.362	0.362	INTERSECTION	LEFT	OLD WILLIAMSBURG ROAD

COLO: ROUTE MAINTENANCE FEATURES ROAD LOG

ROUTE 0107A : CHEATHAM ANNEX ACCESS ROAD

<i>FROM MILEPOST</i>	<i>TO MILEPOST</i>	<i>FEATURE</i>	<i>SIDE</i>	<i>COMMENT</i>
0.000	0.000			ROUTE BEGINS AT ROUTE 0001 AT MP 821
0.010	0.010	INTERSECTION	RIGHT	RTE 001
0.012	0.012	INTERSECTION	LEFT	RTE 001
0.016	0.033	CURB	LEFT	
0.040	0.040	INTERSECTION	LEFT	
0.040	0.040	INTERSECTION	RIGHT	
0.045	0.045	CULVERT	N/A	
0.050	0.050			ROUTE ENDS AT STATE 641
0.051	0.057	CURB	LEFT	
0.053	0.054	CURB	RIGHT	
0.054	0.054	INTERSECTION	RIGHT	STATE RTE 641
0.057	0.057	INTERSECTION	LEFT	STATE RTE 641

COLO: ROUTE MAINTENANCE FEATURES ROAD LOG

ROUTE 0107B : CHEATHAM ANNEX ACCESS ROAD

<i>FROM MILEPOST</i>	<i>TO MILEPOST</i>	<i>FEATURE</i>	<i>SIDE</i>	<i>COMMENT</i>
0.000	0.000			ROUTE BEGINS AT STATE 641
0.001	0.001	INTERSECTION	LEFT	STATE RTE 641
0.003	0.003	INTERSECTION	RIGHT	STATE RTE 641
0.014	0.014	INTERSECTION	RIGHT	
0.098	0.098	INTERSECTION	LEFT	
0.104	0.124	CURB	LEFT	
0.120	0.120			ROUTE ENDS AT ROUTE 0001 AT MP 829
0.122	0.122	INTERSECTION	LEFT	RTE 001
0.122	0.122	INTERSECTION	RIGHT	RTE 001

COLO: ROUTE MAINTENANCE FEATURES ROAD LOG

ROUTE 0108A : QUEENS LAKE ACCESS

<i>FROM MILEPOST</i>	<i>TO MILEPOST</i>	<i>FEATURE</i>	<i>SIDE</i>	<i>COMMENT</i>
0.000	0.000			ROUTE BEGINS AT ROUTE 0001 AT MP 1095
0.007	0.007	INTERSECTION	LEFT	RTE 001
0.007	0.007	INTERSECTION	RIGHT	RTE 001
0.010	0.049	CURB	RIGHT	
0.011	0.041	CURB	LEFT	
0.023	0.023	CULVERT	N/A	
0.044	0.044	INTERSECTION	LEFT	
0.128	0.128	INTERSECTION	LEFT	
0.134	0.142	CURB	LEFT	
0.140	0.140			ROUTE ENDS AT STATE ROUTE 716
0.143	0.143	INTERSECTION	LEFT	STATE ROUTE 716
0.143	0.143	INTERSECTION	RIGHT	STATE ROUTE 716

COLO: ROUTE MAINTENANCE FEATURES ROAD LOG

ROUTE 0108B : QUEENS LAKE ACCESS

<i>FROM MILEPOST</i>	<i>TO MILEPOST</i>	<i>FEATURE</i>	<i>SIDE</i>	<i>COMMENT</i>
NO MAINTENANCE FEATURES IN ROUTE.				
0.000	0.000			ROUTE BEGINS AT ROUTE 0001 AT MP 1111
0.000	0.000			ROUTE ENDS AT STATE ROUTE 716

COLO: ROUTE MAINTENANCE FEATURES ROAD LOG

ROUTE 0109A : PARKWAY DRIVE ACCESS ROAD

<i>FROM MILEPOST</i>	<i>TO MILEPOST</i>	<i>FEATURE</i>	<i>SIDE</i>	<i>COMMENT</i>
0.000	0.000			ROUTE BEGINS AT ROUTE 0001 AT MP 1170
0.006	0.006	INTERSECTION	RIGHT	RTE 001
0.008	0.008	INTERSECTION	LEFT	RTE 001
0.017	0.032	CURB	LEFT	
0.034	0.034	INTERSECTION	LEFT	
0.109	0.109	INTERSECTION	RIGHT	STATE ROUTE 163
0.110	0.110			ROUTE ENDS AT STATE ROUTE 0163
0.114	0.114	INTERSECTION	LEFT	STATE ROUTE 163

COLO: ROUTE MAINTENANCE FEATURES ROAD LOG

ROUTE 0109B : PARKWAY DRIVE ACCESS ROAD

<i>FROM MILEPOST</i>	<i>TO MILEPOST</i>	<i>FEATURE</i>	<i>SIDE</i>	<i>COMMENT</i>
0.000	0.000			ROUTE BEGINS AT ROUTE 0001 AT MP 1184
0.004	0.004	INTERSECTION	RIGHT	RTE 001
0.007	0.007	INTERSECTION	LEFT	RTE 001
0.114	0.114	INTERSECTION	LEFT	STATE ROUTE 163
0.119	0.119	INTERSECTION	RIGHT	STATE ROUTE 163
0.120	0.120			ROUTE ENDS AT STATE ROUTE 163

COLO: ROUTE MAINTENANCE FEATURES ROAD LOG

ROUTE 0110 : TAZEWELL HALL ROAD

<i>FROM MILEPOST</i>	<i>TO MILEPOST</i>	<i>FEATURE</i>	<i>SIDE</i>	<i>COMMENT</i>
0.000	0.000			ROUTE BEGINS AT ROUTE 0001 AT MP 2156
0.011	0.011	INTERSECTION	LEFT	RTE 001
0.011	0.011	INTERSECTION	RIGHT	RTE 001
0.017	0.017	DROP INLET	RIGHT	
0.018	0.044	CURB	RIGHT	
0.019	0.068	CURB	LEFT	
0.021	0.021	DROP INLET	LEFT	
0.047	0.047	INTERSECTION	RIGHT	
0.051	0.067	CURB	RIGHT	
0.060	0.060			ROUTE ENDS AT HALL AVENUE
0.068	0.068	INTERSECTION	RIGHT	HALL AVENUE
0.071	0.071	INTERSECTION	LEFT	HALL AVENUE

COLO: ROUTE MAINTENANCE FEATURES ROAD LOG

ROUTE 0224 : WASHINGTON'S HEADQUARTERS ROAD

<i>FROM MILEPOST</i>	<i>TO MILEPOST</i>	<i>FEATURE</i>	<i>SIDE</i>	<i>COMMENT</i>
0.000	0.000			ROUTE BEGINS AT ROUTE 0500 AT MP 17
0.004	0.004	INTERSECTION	RIGHT	RTE 500
0.005	0.005	INTERSECTION	LEFT	RTE 500
0.030	0.030	INTERSECTION	RIGHT	RTE 224
0.038	0.092	PAVED DITCH	LEFT	
0.137	0.137	LOW WATER CROSSING	RIGHT	
0.144	0.179	PAVED DITCH	LEFT	
0.205	0.205	CULVERT	N/A	
0.264	0.285	CURB	RIGHT	
0.265	0.273	CURB	LEFT	
0.276	0.276	INTERSECTION	LEFT	RTE 224
0.277	0.285	CURB	LEFT	
0.280	0.280			ROUTE ENDS AT ROUTE 0930
0.296	0.296	INTERSECTION	LEFT	END @ RTE 930
0.296	0.296	INTERSECTION	RIGHT	END @ RTE 930

COLO: ROUTE MAINTENANCE FEATURES ROAD LOG

ROUTE 0225 : SURRENDER ROAD

<i>FROM MILEPOST</i>	<i>TO MILEPOST</i>	<i>FEATURE</i>	<i>SIDE</i>	<i>COMMENT</i>
0.000	0.000			ROUTE BEGINS AT STATE ROUTE 704
0.009	0.009	INTERSECTION	LEFT	STATE ROUTE 704 N
0.009	0.009	INTERSECTION	RIGHT	STATE ROUTE 704 N
0.377	0.377	INTERSECTION	RIGHT	
0.449	0.449	INTERSECTION	LEFT	RTE 502 SHORT LOOP ROAD
0.644	0.644	INTERSECTION	LEFT	UNPAVED PARKING
0.870	0.888	PULLOUT	RIGHT	
0.950	0.950	INTERSECTION	LEFT	RTE 502 SHORT LOOP ROAD
0.951	0.951	INTERSECTION	RIGHT	ROUTE 102, SURRENDER FIELD ROAD
1.028	1.028	INTERSECTION	LEFT	UNPAVED ROAD
1.116	1.116	INTERSECTION	LEFT	RTE 503 EAST TOUR ROAD
1.254	1.254	INTERSECTION	LEFT	STATE ROUTE 704
1.254	1.254	INTERSECTION	RIGHT	STATE ROUTE 704
1.260	1.260			ROUTE ENDS AT STATE ROUTE 704 (GOING NORTH TO SOUTH)
1.261	1.261	INTERSECTION	LEFT	

COLO: ROUTE MAINTENANCE FEATURES ROAD LOG

ROUTE 0226 : FRENCH ENCAMPMENT TOUR ROAD

<i>FROM MILEPOST</i>	<i>TO MILEPOST</i>	<i>FEATURE</i>	<i>SIDE</i>	<i>COMMENT</i>
0.000	0.000			ROUTE BEGINS AT ROUTE 0500 AT MP 27
0.005	0.005	INTERSECTION	RIGHT	RTE 500
0.032	0.032	CULVERT	N/A	
0.111	0.132	BRIDGE	N/A	
0.111	0.137	GUARDRAIL	LEFT	
0.115	0.140	GUARDRAIL	RIGHT	
0.163	0.163	CULVERT	N/A	
0.459	0.459	CULVERT	N/A	
0.538	0.538	CULVERT	N/A	
0.564	0.564	CULVERT	N/A	
0.599	0.599	CULVERT	N/A	
0.638	0.638	CULVERT	N/A	
0.745	0.745	CULVERT	N/A	
0.968	0.968	CULVERT	N/A	
0.971	0.971	INTERSECTION	LEFT	RTE 226, END OF LOOP
1.250	1.250	CULVERT	N/A	
1.378	1.378	CULVERT	N/A	
1.477	1.477	CULVERT	N/A	
1.528	1.528	CULVERT	N/A	
1.583	1.583	CULVERT	N/A	
1.711	1.711	CULVERT	N/A	
1.818	1.818	CULVERT	N/A	
1.938	1.938	CULVERT	N/A	
2.042	2.042	CULVERT	N/A	
2.470	2.470			ROUTE ENDS AT END OF LOOP
2.478	2.478	INTERSECTION	LEFT	RTE 226

COLO: ROUTE MAINTENANCE FEATURES ROAD LOG

ROUTE 0400 : YORKTOWN MAINTENANCE ROAD

<i>FROM MILEPOST</i>	<i>TO MILEPOST</i>	<i>FEATURE</i>	<i>SIDE</i>	<i>COMMENT</i>
0.000	0.000			ROUTE BEGINS AT US ROUTE 17, THROUGH MAINTENANCE AREA
0.008	0.008	INTERSECTION	LEFT	US ROUTE 17
0.009	0.009	INTERSECTION	RIGHT	US ROUTE 17
0.025	0.025	DROP INLET	LEFT	
0.057	0.057	INTERSECTION	LEFT	ROUTE 401, YORKTOWN MAINTENANCE AREA RESIDENCE ROAD
0.063	0.063	INTERSECTION	LEFT	ROUTE 401, YORKTOWN MAINTENANCE AREA RESIDENCE ROAD
0.123	0.123	INTERSECTION	LEFT	ROUTE 999, YORKTOWN MAINTENANCE PARKING
0.124	0.124	INTERSECTION	RIGHT	ROUTE 999, YORKTOWN MAINTENANCE PARKING
0.232	0.232	CULVERT	N/A	
0.250	0.250	INTERSECTION	RIGHT	ROUTE 999, YORKTOWN MAINTENANCE PARKING
0.289	0.289	CULVERT	N/A	
0.360	0.360			ROUTE ENDS AT STATE HIGHWAY 238
0.363	0.363	INTERSECTION	RIGHT	STATE HIGHWAY 238
0.364	0.364	INTERSECTION	LEFT	STATE HIGHWAY 238

COLO: ROUTE MAINTENANCE FEATURES ROAD LOG

ROUTE 0402 : APVA ACCESS ROAD/SKIP'S DIRT ROAD

<i>FROM MILEPOST</i>	<i>TO MILEPOST</i>	<i>FEATURE</i>	<i>SIDE</i>	<i>COMMENT</i>
0.000	0.000			ROUTE BEGINS AT ROUTE 0011 AT MP 076, RIGHT
0.005	0.005	INTERSECTION	LEFT	RTE 001
0.007	0.007	INTERSECTION	RIGHT	RTE 001
0.092	0.092	CULVERT	N/A	
0.107	0.107	INTERSECTION	RIGHT	
0.179	0.179	INTERSECTION	RIGHT	
0.234	0.234	INTERSECTION	RIGHT	
0.259	0.259	INTERSECTION	RIGHT	
0.310	0.310			ROUTE ENDS AT END

COLO: ROUTE MAINTENANCE FEATURES ROAD LOG

ROUTE 0500 : BATTLEFIELD TOUR ROAD

<i>FROM MILEPOST</i>	<i>TO MILEPOST</i>	<i>FEATURE</i>	<i>SIDE</i>	<i>COMMENT</i>
0.000	0.000			ROUTE BEGINS AT ROUTE 0929
0.007	0.007	INTERSECTION	LEFT	RTE 929
0.201	0.201	CULVERT	N/A	
0.216	0.216	INTERSECTION	LEFT	
0.232	0.232	CULVERT	N/A	
0.261	0.261	CULVERT	N/A	
0.319	0.319	CULVERT	N/A	
0.344	0.344	INTERSECTION	RIGHT	END OF ONE WAY LOOP
0.560	0.579	PULLOUT	LEFT	
0.686	0.686	CULVERT	N/A	
0.725	0.725	CULVERT	N/A	
0.757	0.786	PULLOUT	LEFT	
0.830	0.848	PULLOUT	LEFT	
1.027	1.027	CULVERT	N/A	
1.038	1.059	PULLOUT	LEFT	
1.184	1.199	BRIDGE	N/A	
1.287	1.287	CULVERT	N/A	
1.685	1.703	PULLOUT	LEFT	
1.716	1.716	INTERSECTION	LEFT	RTE 224
1.737	1.737	INTERSECTION	LEFT	RTE 224
1.763	1.780	PULLOUT	LEFT	
1.797	1.797	CULVERT	N/A	
1.886	1.916	CURB	LEFT	
1.892	1.892	INTERSECTION	RIGHT	RTE 931
1.905	1.905	INTERSECTION	RIGHT	RTE 931
2.014	2.014	CULVERT	N/A	
2.075	2.075	INTERSECTION	RIGHT	

COLO: ROUTE MAINTENANCE FEATURES ROAD LOG

ROUTE 0500 : BATTLEFIELD TOUR ROAD

<i>FROM MILEPOST</i>	<i>TO MILEPOST</i>	<i>FEATURE</i>	<i>SIDE</i>	<i>COMMENT</i>
2.307	2.339	PULLOUT	RIGHT	
2.469	2.469	CULVERT	N/A	
2.703	2.703	INTERSECTION	LEFT	RTE 226
2.771	2.771	INTERSECTION	LEFT	RTE 226 FRENCH ENCAMPMENT
2.986	2.986	CULVERT	N/A	
3.316	3.316	CULVERT	N/A	
3.430	3.430	CULVERT	N/A	
3.602	3.637	GUARDRAIL	RIGHT	
3.602	3.640	GUARDRAIL	LEFT	
3.603	3.636	BRIDGE	N/A	
4.165	4.185	PULLOUT	RIGHT	
4.247	4.247	INTERSECTION	RIGHT	GOOSLEY ROAD
4.249	4.249	INTERSECTION	LEFT	GOOSLEY ROAD
4.250	4.250			ROUTE ENDS AT GOOSLEY ROAD

COLO: ROUTE MAINTENANCE FEATURES ROAD LOG

ROUTE 0501A : ISLAND DRIVE

<i>FROM MILEPOST</i>	<i>TO MILEPOST</i>	<i>FEATURE</i>	<i>SIDE</i>	<i>COMMENT</i>
0.000	0.000			ROUTE BEGINS AT END OF ROUTE 0011
0.006	0.006	INTERSECTION	RIGHT	RTE 011
0.011	0.011	INTERSECTION	RIGHT	
0.050	0.096	PULLOUT	LEFT	
0.252	0.252	INTERSECTION	LEFT	RTE 501A (END OF LOOP)
0.307	0.329	PULLOUT	RIGHT	
0.310	0.310	CULVERT	N/A	
0.331	0.352	BRIDGE	N/A	
0.447	0.488	PULLOUT	RIGHT	
0.512	0.512	CULVERT	N/A	
0.726	0.726	CULVERT	N/A	
1.066	1.120	PULLOUT	LEFT	
1.196	1.237	PULLOUT	RIGHT	
1.407	1.407	INTERSECTION	RIGHT	RTE 501B ISLAND DRIVE START
1.493	1.493	CULVERT	N/A	
1.553	1.553	INTERSECTION	RIGHT	RTE 501B ISLAND DRIVE END
1.624	1.668	PULLOUT	RIGHT	
1.645	1.645	CULVERT	N/A	
1.721	1.852	BRIDGE	N/A	
2.067	2.067	CULVERT	N/A	
2.070	2.097	PULLOUT	RIGHT	
2.258	2.302	PULLOUT	RIGHT	
2.392	2.392	CULVERT	N/A	
2.426	2.437	PULLOUT	LEFT	
2.462	2.462	CULVERT	N/A	
2.500	2.500			ROUTE ENDS AT END OF LOOP

COLO: ROUTE MAINTENANCE FEATURES ROAD LOG

ROUTE 0501A : ISLAND DRIVE

<i>FROM MILEPOST</i>	<i>TO MILEPOST</i>	<i>FEATURE</i>	<i>SIDE</i>	<i>COMMENT</i>
2.509	2.509	INTERSECTION	LEFT	END OF 501A

COLO: ROUTE MAINTENANCE FEATURES ROAD LOG

ROUTE 0501B : ISLAND DRIVE (OUTER LOOP)

<i>FROM MILEPOST</i>	<i>TO MILEPOST</i>	<i>FEATURE</i>	<i>SIDE</i>	<i>COMMENT</i>
0.000	0.000			ROUTE BEGINS AT ROUTE 0501A
0.010	0.010	INTERSECTION	LEFT	RTE 501A
0.071	0.117	PULLOUT	LEFT	
0.120	0.120	CULVERT	N/A	
0.429	0.472	PULLOUT	LEFT	
0.493	0.493	CULVERT	N/A	
1.124	1.124	CULVERT	N/A	
1.129	1.174	PULLOUT	RIGHT	
1.188	1.266	BRIDGE	N/A	
1.362	1.403	PULLOUT	LEFT	
1.449	1.449	CULVERT	N/A	
1.580	1.580	CULVERT	N/A	
1.750	1.791	PULLOUT	LEFT	
1.791	1.791	CULVERT	N/A	
1.877	1.915	BRIDGE	N/A	
2.290	2.290			ROUTE ENDS AT ROUTE 0501A
2.297	2.297	INTERSECTION	LEFT	RTE 501A

COLO: ROUTE MAINTENANCE FEATURES ROAD LOG

ROUTE 0502 : SHORT LOOP ROAD

<i>FROM MILEPOST</i>	<i>TO MILEPOST</i>	<i>FEATURE</i>	<i>SIDE</i>	<i>COMMENT</i>
0.000	0.000			ROUTE BEGINS AT ROUTE 0225
0.003	0.003	INTERSECTION	LEFT	RTE 225
0.004	0.004	INTERSECTION	RIGHT	RTE 225
0.007	0.007	CULVERT	N/A	
0.148	0.165	PULLOUT	RIGHT	
0.356	0.356	CULVERT	N/A	
0.540	0.540			ROUTE ENDS AT ROUTE 0225 (GOING SOUTH TO NORTH)
0.548	0.548	INTERSECTION	RIGHT	RTE 225
0.549	0.549	INTERSECTION	LEFT	RTE 225

COLO: ROUTE MAINTENANCE FEATURES ROAD LOG

ROUTE 0503 : EAST TOUR ROAD

<i>FROM MILEPOST</i>	<i>TO MILEPOST</i>	<i>FEATURE</i>	<i>SIDE</i>	<i>COMMENT</i>
0.000	0.000			ROUTE BEGINS AT STATE HIGHWAY 238
0.001	0.001	INTERSECTION	LEFT	STATE HIGHWAY 238/ RTE 103
0.006	0.006	INTERSECTION	RIGHT	STATE HIGHWAY 238/ RTE 103
0.018	0.046	PAVED DITCH	RIGHT	
0.051	0.051	CULVERT	N/A	
0.209	0.227	PULLOUT	RIGHT	
0.425	0.425	CULVERT	N/A	
0.430	0.430	INTERSECTION	LEFT	
0.445	0.445	INTERSECTION	LEFT	
0.476	0.476	CULVERT	N/A	
0.491	0.509	PULLOUT	RIGHT	
0.516	0.516	CULVERT	N/A	
0.563	0.563	CULVERT	N/A	
0.765	0.765	INTERSECTION	LEFT	RTE 104
1.035	1.035	CULVERT	N/A	
1.543	1.556	CURB	RIGHT	
1.747	1.747	INTERSECTION	RIGHT	COOK RD
1.749	1.749	INTERSECTION	LEFT	COOK RD
1.763	1.763	CULVERT	N/A	
1.830	1.830			ROUTE ENDS AT ROUTE 0225, SURRENDER ROAD
1.831	1.831	INTERSECTION	RIGHT	RTE 225
1.832	1.832	INTERSECTION	LEFT	RTE 225

APPENDIX A: GLOSSARY OF TERMS AND ABBREVIATIONS

TERM OR ABBREVIATION	DESCRIPTION OR DEFINITION
4290	Numeric Code for Colonial National Historical Park
AADT	Annually Adjusted Daily Traffic. Average daily traffic adjusted for the term period comprising 80% of annual visitation
COLO	Alpha Code for Colonial National Historical Park
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 occur anywhere in the lane.
- **Longitudinal Cracking** - cracks which are parallel to the pavement centerline or asphalt lay-down direction.
- **Transverse Cracking** - cracks perpendicular to the pavement centerline.
- **Pothole (patch)** - a bowl-shaped hole in the pavement surface. May be patched or not.
- **Rutting** - surface depressions in the wheel paths.

Roughness is collected as International Roughness Index (IRI) and is used in the PCR formula. Roughness is measured in inches of vertical displacement of the vehicle per mile traveled.

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

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 Distress 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 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_CLAS	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	XXXXXXXXXX	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	XXXXXXXX	Route number	Route ID Meeting	Park Input/FHWA Classification	Untested
FUNCT_CLAS	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	XXXXXXXXXXXX	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	XXXXXXXXXX	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%
VISL_FROM	999999 (millimiles)	Raw MP of first video frame showing feature	Contractor Post-processing	Database Processing	Untested
VISL_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	999.9999999	Latitude coordinate	ARAN Data Collection	Automatic Output	See GPS Metadata sheet distributed with data
GPS_LON	-999.9999999	Longitude coordinate	ARAN Data Collection	Automatic Output	See GPS Metadata sheet distributed with data
GPS_ELEV	999999.9	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	<Par/>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_FLG	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	XXXXXXXXXX	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%
VISL_FROM	999999 (millimiles)	Raw MP of first video frame in section	Contractor Post-processing	Database Processing	Untested
VISL_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

colo_nonnps

Metadata also available as

Metadata:

- [Identification Information](#)
 - [Data Quality Information](#)
 - [Spatial Data Organization Information](#)
 - [Spatial Reference Information](#)
 - [Entity and Attribute Information](#)
 - [Distribution Information](#)
 - [Metadata Reference Information](#)
-

Identification_Information:

Citation:

Citation_Information:

Originator: The TSR Group

Publication_Date: 2005

Title: colo_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: -76.510250

East_Bounding_Coordinate: -76.006780

North_Bounding_Coordinate: 37.236365

South_Bounding_Coordinate: 36.925050

Keywords:

Theme:

Theme_Keyword_Thesaurus: COLO

Theme_Keyword: COLO

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: 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: colo_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: 20060119

Metadata_Contact:

Contact_Information:

Contact_Organization_Primary:

Contact_Organization: EFLHD Sterling

Contact_Person: Dan VanGilder

Contact_Position: GIS Coordinator

Contact_Address:

Address_Type: mailing and physical address

Address: 21400 Ridgetop Circle

City: Sterling

State_or_Province: Virginia

Postal_Code: 20166

Country: United States

Contact_Voice_Telephone: 703-404-6361

Contact_Electronic_Mail_Address: dvangilder@fhwa.dot.gov

Metadata_Standard_Name: FGDC Content Standards for Digital Geospatial Metadata

Metadata_Standard_Version: FGDC-STD-001-1998

Metadata_Time_Convention: local time

Metadata_Extensions:

Online_Linkage: <<http://www.esri.com/metadata/esriprof80.html>>

Profile_Name: ESRI Metadata Profile

Generated by [mp](#) version 2.7.33 on Thu Jan 19 08:56:09 2006

colo_mrp_03

Metadata also available as

Metadata:

- [Identification Information](#)
 - [Data Quality Information](#)
 - [Spatial Data Organization Information](#)
 - [Spatial Reference Information](#)
 - [Entity and Attribute Information](#)
 - [Distribution Information](#)
 - [Metadata Reference Information](#)
-

Identification_Information:

Citation:

Citation_Information:

Originator: Eastern Federal Lands Highway Division

Publication_Date: Unknown

Title: colo_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: 8/19/1999

Currentness_Reference: ground condition

Status:

Progress: Complete

Maintenance_and_Update_Frequency: As per RIP cycle

Spatial_Domain:

Bounding_Coordinates:

West_Bounding_Coordinate: -76.516347

East_Bounding_Coordinate: -76.515772

North_Bounding_Coordinate: 37.221159

South_Bounding_Coordinate: 37.220203

Keywords:

Theme:

Theme_Keyword_Thesaurus: COLO

Theme_Keyword: COLO

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:* 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:* colo_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 square feet

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

*Metadata_Reference_Information:**Metadata_Date:* 20060119*Metadata_Contact:**Contact_Information:**Contact_Organization_Primary:**Contact_Organization:* EFLHD Sterling*Contact_Person:* Dan VanGilder*Contact_Position:* GIS Coordinator*Contact_Address:**Address_Type:* mailing and physical address*Address:* 21400 Ridgetop Circle*City:* Sterling*State_or_Province:* Virginia*Postal_Code:* 20166*Country:* United States*Contact_Voice_Telephone:* 703-404-6361*Contact_Electronic_Mail_Address:* dvangilder@fhwa.dot.gov*Metadata_Standard_Name:* FGDC Content Standards for Digital Geospatial Metadata*Metadata_Standard_Version:* FGDC-STD-001-1998*Metadata_Time_Convention:* local time*Metadata_Extensions:**Online_Linkage:* <<http://www.esri.com/metadata/esriprof80.html>>*Profile_Name:* ESRI Metadata Profile

Generated by [mp](#) version 2.7.33 on Thu Jan 19 08:57:53 2006

colo_mrp_03_map

Metadata also available as

Metadata:

- [Identification Information](#)
 - [Data Quality Information](#)
 - [Spatial Data Organization Information](#)
 - [Spatial Reference Information](#)
 - [Entity and Attribute Information](#)
 - [Distribution Information](#)
 - [Metadata Reference Information](#)
-

Identification_Information:

Citation:

Citation_Information:

Originator: Eastern Federal Lands Highway Division

Publication_Date: Unknown

Title: colo_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: 8/19/1999

Currentness_Reference: ground condition

Status:

Progress: Complete

Maintenance_and_Update_Frequency: As per RIP cycle

Spatial_Domain:

Bounding_Coordinates:

West_Bounding_Coordinate: -76.516320

East_Bounding_Coordinate: -76.515745

North_Bounding_Coordinate: 37.221156

South_Bounding_Coordinate: 37.220199

Keywords:

Theme:

Theme_Keyword_Thesaurus: COLO

Theme_Keyword: COLO

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:* 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:* colo_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 square feet

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

*Metadata_Reference_Information:**Metadata_Date:* 20060119*Metadata_Contact:**Contact_Information:**Contact_Organization_Primary:**Contact_Organization:* EFLHD Sterling*Contact_Person:* Dan VanGilder*Contact_Position:* GIS Coordinator*Contact_Address:**Address_Type:* mailing and physical address*Address:* 21400 Ridgetop Circle*City:* Sterling*State_or_Province:* Virginia*Postal_Code:* 20166*Country:* United States*Contact_Voice_Telephone:* 703-404-6361*Contact_Electronic_Mail_Address:* dvangilder@fhwa.dot.gov*Metadata_Standard_Name:* FGDC Content Standards for Digital Geospatial Metadata*Metadata_Standard_Version:* FGDC-STD-001-1998*Metadata_Time_Convention:* local time*Metadata_Extensions:**Online_Linkage:* <<http://www.esri.com/metadata/esriprof80.html>>*Profile_Name:* ESRI Metadata Profile

Generated by [mp](#) version 2.7.33 on Thu Jan 19 08:57:37 2006

colo_mrl_03

Metadata also available as

Metadata:

- [Identification Information](#)
 - [Data Quality Information](#)
 - [Spatial Data Organization Information](#)
 - [Spatial Reference Information](#)
 - [Entity and Attribute Information](#)
 - [Distribution Information](#)
 - [Metadata Reference Information](#)
-

Identification_Information:

Citation:

Citation_Information:

Originator: Eastern Federal Lands Highway Division

Publication_Date: Published Materials

Title: colo_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: 8/16/1999

Currentness_Reference: ground condition

Status:

Progress: Complete

Maintenance_and_Update_Frequency: As per RIP cycle

Spatial_Domain:

Bounding_Coordinates:

West_Bounding_Coordinate: -76.767326

East_Bounding_Coordinate: -76.672523

North_Bounding_Coordinate: 37.280684

South_Bounding_Coordinate: 37.220166

Keywords:

Theme:

Theme_Keyword_Thesaurus: COLO

Theme_Keyword: COLO

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:* 8*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:* colo_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:* PAVE_WIDTH*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:* 20060119*Metadata_Contact:**Contact_Information:**Contact_Organization_Primary:**Contact_Organization:* EFLHD Sterling*Contact_Person:* Dan VanGilder*Contact_Position:* GIS Coordinator*Contact_Address:**Address_Type:* mailing and physical address*Address:* 21400 Ridgetop Circle*City:* Sterling*State_or_Province:* Virginia*Postal_Code:* 20166*Country:* United States*Contact_Voice_Telephone:* 703-404-6361*Contact_Electronic_Mail_Address:* dvangilder@fhwa.dot.gov*Metadata_Standard_Name:* FGDC Content Standards for Digital Geospatial Metadata*Metadata_Standard_Version:* FGDC-STD-001-1998*Metadata_Time_Convention:* local time*Metadata_Extensions:**Online_Linkage:* <<http://www.esri.com/metadata/esriprof80.html>>*Profile_Name:* ESRI Metadata Profile

Generated by [mp](#) version 2.7.33 on Thu Jan 19 08:58:29 2006

colo_mrl_03_map

Metadata also available as

Metadata:

- [Identification Information](#)
 - [Data Quality Information](#)
 - [Spatial Data Organization Information](#)
 - [Spatial Reference Information](#)
 - [Entity and Attribute Information](#)
 - [Distribution Information](#)
 - [Metadata Reference Information](#)
-

Identification_Information:

Citation:

Citation_Information:

Originator: Eastern Federal Lands Highway Division

Publication_Date: Published Materials

Title: colo_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: 8/16/1999

Currentness_Reference: ground condition

Status:

Progress: Complete

Maintenance_and_Update_Frequency: As per RIP cycle

Spatial_Domain:

Bounding_Coordinates:

West_Bounding_Coordinate: -76.767326

East_Bounding_Coordinate: -76.672523

North_Bounding_Coordinate: 37.280684

South_Bounding_Coordinate: 37.220166

Keywords:

Theme:

Theme_Keyword_Thesaurus: COLO

Theme_Keyword: COLO

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: 8

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: colo_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: PAVE_WIDTH

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: 20060119

Metadata_Contact:

Contact_Information:

Contact_Organization_Primary:

Contact_Organization: EFLHD Sterling

Contact_Person: Dan VanGilder

Contact_Position: GIS Coordinator

Contact_Address:

Address_Type: mailing and physical address

Address: 21400 Ridgetop Circle

City: Sterling

State_or_Province: Virginia

Postal_Code: 20166

Country: United States

Contact_Voice_Telephone: 703-404-6361

Contact_Electronic_Mail_Address: dvangilder@fhwa.dot.gov

Metadata_Standard_Name: FGDC Content Standards for Digital Geospatial Metadata

Metadata_Standard_Version: FGDC-STD-001-1998

Metadata_Time_Convention: local time

Metadata_Extensions:

Online_Linkage: <<http://www.esri.com/metadata/esriprof80.html>>

Profile_Name: ESRI Metadata Profile

Generated by [mp](#) version 2.7.33 on Thu Jan 19 08:58:14 2006

colo_mi_pt

Metadata also available as

Metadata:

- [Identification Information](#)
 - [Data Quality Information](#)
 - [Spatial Data Organization Information](#)
 - [Spatial Reference Information](#)
 - [Entity and Attribute Information](#)
 - [Distribution Information](#)
 - [Metadata Reference Information](#)
-

Identification_Information:

Citation:

Citation_Information:

Originator: The TSR Group

Publication_Date: 2005

Title: colo_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: -76.784180

East_Bounding_Coordinate: -76.491669

North_Bounding_Coordinate: 37.282959

South_Bounding_Coordinate: 37.200905

Keywords:

Theme:

Theme_Keyword_Thesaurus: COLO

Theme_Keyword: COLO

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: 62

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: colo_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 shoulder 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: Right 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_FL
Attribute_Definition: Flag indicating presence of bridge in interval
Attribute_Definition_Source: ARAN Data Collection
Attribute:
Attribute_Label: CONSTR_FL
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: 20060119

Metadata_Contact:

Contact_Information:

Contact_Organization_Primary:

Contact_Organization: EFLHD Sterling

Contact_Person: Dan VanGilder

Contact_Position: GIS Coordinator

Contact_Address:

Address_Type: mailing and physical address

Address: 21400 Ridgetop Circle

City: Sterling

State_or_Province: Virginia

Postal_Code: 20166

Country: United States

Contact_Voice_Telephone: 703-404-6361

Contact_Electronic_Mail_Address: dvangilder@fhwa.dot.gov

Metadata_Standard_Name: FGDC Content Standards for Digital Geospatial Metadata

Metadata_Standard_Version: FGDC-STD-001-1998

Metadata_Time_Convention: local time

Metadata_Extensions:

Online_Linkage: <<http://www.esri.com/metadata/esriprof80.html>>

Profile_Name: ESRI Metadata Profile

Generated by [mp](#) version 2.7.33 on Thu Jan 19 08:56:30 2006

colo_mi

Metadata also available as

Metadata:

- [Identification Information](#)
 - [Data Quality Information](#)
 - [Spatial Data Organization Information](#)
 - [Spatial Reference Information](#)
 - [Entity and Attribute Information](#)
 - [Distribution Information](#)
 - [Metadata Reference Information](#)
-

Identification_Information:

Citation:

Citation_Information:

Originator: The TSR Group

Publication_Date: 2005

Title: colo_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: -76.784325

East_Bounding_Coordinate: -76.486305

North_Bounding_Coordinate: 37.283512

South_Bounding_Coordinate: 37.200462

Keywords:

Theme:

Theme_Keyword_Thesaurus: COLO

Theme_Keyword: COLO

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: 48

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: colo_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: COLO_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: COLO_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: 20060119

Metadata_Contact:

Contact_Information:

Contact_Organization_Primary:

Contact_Organization: EFLHD Sterling

Contact_Person: Dan VanGilder

Contact_Position: GIS Coordinator

Contact_Address:

Address_Type: mailing and physical address

City: Sterling

State_or_Province: Virginia

Postal_Code: 20166

Country: United States

Contact_Voice_Telephone: 703-404-6361

Contact_Electronic_Mail_Address: dvangilder@fhwa.dot.gov

Metadata_Standard_Name: FGDC Content Standards for Digital Geospatial Metadata

Metadata_Standard_Version: FGDC-STD-001-1998

Metadata_Time_Convention: local time

Metadata_Extensions:

Online_Linkage: <<http://www.esri.com/metadata/esriprof80.html>>

Profile_Name: ESRI Metadata Profile

Generated by [mp](#) version 2.7.33 on Thu Jan 19 08:56:46 2006

colo_seg

Metadata also available as

Metadata:

- [Identification Information](#)
 - [Data Quality Information](#)
 - [Spatial Data Organization Information](#)
 - [Spatial Reference Information](#)
 - [Entity and Attribute Information](#)
 - [Distribution Information](#)
 - [Metadata Reference Information](#)
-

Identification_Information:

Citation:

Citation_Information:

Originator: The TSR Group

Publication_Date: 2005

Title: colo_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: -76.784325

East_Bounding_Coordinate: -76.486305

North_Bounding_Coordinate: 37.283512

South_Bounding_Coordinate: 37.200462

Keywords:

Theme:

Theme_Keyword_Thesaurus: COLO

Theme_Keyword: COLO

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: 255

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: colo_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: COLO_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: COLO_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: 20060119
Metadata_Contact:
Contact_Information:
Contact_Organization_Primary:
Contact_Organization: EFLHD Sterling
Contact_Person: Dan VanGilder
Contact_Position: GIS Coordinator
Contact_Address:
Address_Type: mailing and physical address
City: Sterling
State_or_Province: Virginia
Postal_Code: 20166
Country: United States
Contact_Voice_Telephone: 703-404-6361
Contact_Electronic_Mail_Address: dvangilder@fhwa.dot.gov
Metadata_Standard_Name: FGDC Content Standards for Digital Geospatial Metadata
Metadata_Standard_Version: FGDC-STD-001-1998
Metadata_Time_Convention: local time
Metadata_Extensions:
Online_Linkage: <<http://www.esri.com/metadata/esriprof80.html>>
Profile_Name: ESRI Metadata Profile

Generated by [mp](#) version 2.7.33 on Thu Jan 19 08:55:56 2006

colo_pkg_03

Metadata also available as

Metadata:

- [Identification Information](#)
 - [Data Quality Information](#)
 - [Spatial Data Organization Information](#)
 - [Spatial Reference Information](#)
 - [Entity and Attribute Information](#)
 - [Distribution Information](#)
 - [Metadata Reference Information](#)
-

Identification_Information:

Citation:

Citation_Information:

Originator: Eastern Federal Lands Highway Division

Publication_Date: Unknown

Title: colo_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: 8/12/1999

Currentness_Reference: ground condition

Status:

Progress: Complete

Maintenance_and_Update_Frequency: As per RIP cycle

Spatial_Domain:

Bounding_Coordinates:

West_Bounding_Coordinate: -76.785810

East_Bounding_Coordinate: -76.009154

North_Bounding_Coordinate: 37.283091

South_Bounding_Coordinate: 36.927444

Keywords:

Theme:

Theme_Keyword_Thesaurus: COLO

Theme_Keyword: COLO

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:* 35*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:* colo_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: 20060119

Metadata_Contact:

Contact_Information:

Contact_Organization_Primary:

Contact_Organization: EFLHD Sterling

Contact_Person: Dan VanGilder

Contact_Position: GIS Coordinator

Contact_Address:

Address_Type: mailing and physical address

Address: 21400 Ridgetop Circle

City: Sterling

State_or_Province: Virginia

Postal_Code: 20166

Country: United States

Contact_Voice_Telephone: 703-404-6361

Contact_Electronic_Mail_Address: dvangilder@fhwa.dot.gov

Metadata_Standard_Name: FGDC Content Standards for Digital Geospatial Metadata

Metadata_Standard_Version: FGDC-STD-001-1998

Metadata_Time_Convention: local time

Metadata_Extensions:

Online_Linkage: <<http://www.esri.com/metadata/esriprof80.html>>

Profile_Name: ESRI Metadata Profile

Generated by [mp](#) version 2.7.33 on Thu Jan 19 08:57:22 2006

colo_pkg_03_map

Metadata also available as

Metadata:

- [Identification Information](#)
 - [Data Quality Information](#)
 - [Spatial Data Organization Information](#)
 - [Spatial Reference Information](#)
 - [Entity and Attribute Information](#)
 - [Distribution Information](#)
 - [Metadata Reference Information](#)
-

Identification_Information:

Citation:

Citation_Information:

Originator: Eastern Federal Lands Highway Division

Publication_Date: Unknown

Title: colo_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: 8/12/1999

Currentness_Reference: ground condition

Status:

Progress: Complete

Maintenance_and_Update_Frequency: As per RIP cycle

Spatial_Domain:

Bounding_Coordinates:

West_Bounding_Coordinate: -76.785839

East_Bounding_Coordinate: -76.009160

North_Bounding_Coordinate: 37.282943

South_Bounding_Coordinate: 36.927433

Keywords:

Theme:

Theme_Keyword_Thesaurus: COLO

Theme_Keyword: COLO

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: 35

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: colo_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:* 20060119*Metadata_Contact:**Contact_Information:**Contact_Organization_Primary:**Contact_Organization:* EFLHD Sterling*Contact_Person:* Dan VanGilder*Contact_Position:* GIS Coordinator*Contact_Address:**Address_Type:* mailing and physical address*Address:* 21400 Ridgetop Circle*City:* Sterling*State_or_Province:* Virginia*Postal_Code:* 20166*Country:* United States*Contact_Voice_Telephone:* 703-404-6361*Contact_Electronic_Mail_Address:* dvangilder@fhwa.dot.gov*Metadata_Standard_Name:* FGDC Content Standards for Digital Geospatial Metadata*Metadata_Standard_Version:* FGDC-STD-001-1998*Metadata_Time_Convention:* local time*Metadata_Extensions:**Online_Linkage:* <<http://www.esri.com/metadata/esriprof80.html>>*Profile_Name:* ESRI Metadata Profile

Generated by [mp](#) version 2.7.33 on Thu Jan 19 08:57:09 2006