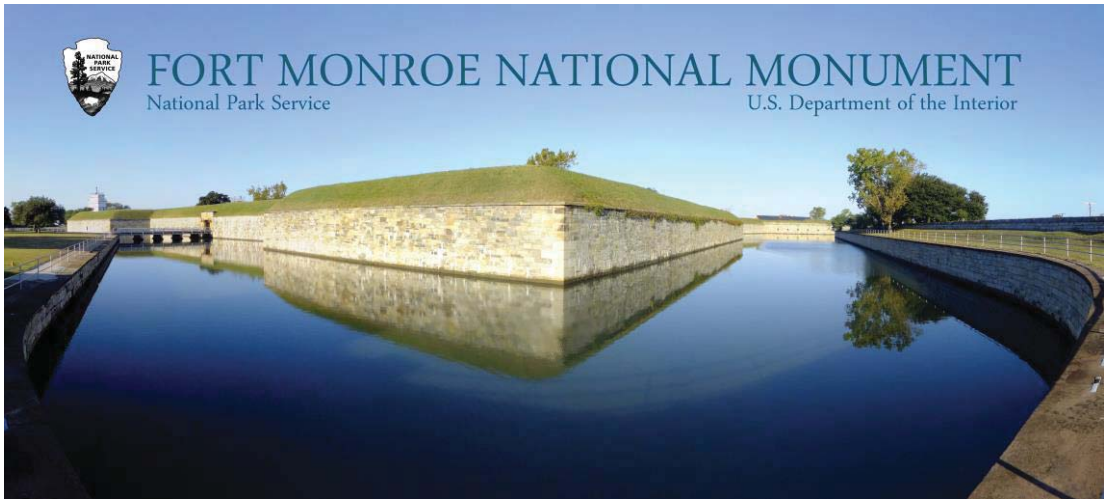
Federal Lands Highway

Road Inventory Program

Road Inventory and Condition Assessment



Fort Monroe National Monument

FOMR

Cycle 5 Report

Prepared By: Federal Highway Administration
Road Inventory Program (RIP)
Data Collected: 01/2014
Report Date: 09/2014

Fort Monroe National Monument
in
Virginia

DCV = Data Collection Vehicle

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INTRODUCTION

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

The FHWA completed this initial phase of the RIP in the early 1980s. As a result of this effort, each NPS site included in the study received a RIP Report known as the "Brown Book" which included the information collected during this first RIP phase.

In the 1990s, the effort was again renewed to update and maintain the RIP data. By this time the computer age was upon us and a process was employed that relied heavily on electronic data collection and computer technology. A cyclical program was developed and the RIP completed two cycles of data collection from 1994 to 2001. Cycle 1, starting in 1994, was conducted in 44 "large parks" (parks containing 10 or more paved route miles). Cycle 2 began in 1997 and comprised 79 large parks and 5 small parks totaling 4,874 paved route miles. Each of these parks received a RIP Report known as the "Blue Book". Cycle 3, from 2001 to 2004, was conducted in all parks, large and small, that contained any paved routes, including parking areas and, again, each park received a RIP Report and associated electronic files.

Cycle 4 was initiated in the spring of 2006 covering 86 large parks and several associated small parks consisting of 5,553 paved route miles and 6,232 paved parking areas. Data collection has been completed for Cycle 4 and all data has been delivered to the NPS.

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

In an effort to improve the accuracy of treatment recommendations and pavement condition descriptions, an extensive study was completed throughout 2010 that has resulted in changes to the RIP condition reporting method, specifically the distresses and indexes that comprise the Pavement Condition Rating (PCR). It was determined that a better representation of PCR could

be achieved by modifying the relative impact certain distresses would have on the overall rating. The changes that were implemented were endorsed by management at both the FHWA and NPS in October 2010. These changes will allow greater use of RIP and HPMA data for not simply condition data reporting, but also as a reliable tool for project identification and selection. Because of these changes, the PCR Condition ratings reported in Cycle 5 do not directly relate to the condition ratings reported in previous cycle RIP Reports. For more detailed information about the changes, see Section 3 and Section 10 in this RIP Report.

Cycle 5 has launched in the summer of 2010 and will again comprise all parks, large and small, that are served by paved roads and/or parking areas. For Cycle 5, the decision was made to collect condition data in large parks on Functional Class 1, 2, and 7 paved routes only, as well as any new routes that were previously not collected. In small parks, all paved routes and parking areas will be collected. As a result, this will include 81 large parks with 4,459 paved route miles and 231 small parks with 529 paved route miles and associated paved parking areas.

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

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

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

Respectfully,

FHWA RIP Team

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Section 2
Park Route Inventory

Fort Monroe National Monument

Federal Lands Highway
Road Inventory Program

Cycle 5 NPS/RIP Route ID Report

Shading Color Key:
Red text denotes approx. mileage

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

*Unpaved route data was obtained from NPS and was not inventoried by the Road Inventory Program (RIP).

** DCV - Data Collection Vehicle NC - Not Collected

FOMR

FORT MONROE NATIONAL MONUMENT

Rte. No.	Cycle Collected	FMSS No.	Concess Route	Route Name	Route Description From	Route Description To	Maint. District	Paved Miles	Un-Paved Miles	Total Route Length	Func. Class	Manual Rated SQ/FT	Surf. Type	Area Maps
0010ZZ	5			FENWICK ROADS	FROM END OF ROUTE 5006 (FENWICK ROAD (NON NPS)) AT SOUTH PARK BOUNDARY	TO END	N/A	1.75	0.00	1.75	1		AS	1, 1B, 2
0100	5			BATTERY DERUSSY ROAD	FROM ROUTE 0010ZZ (FENWICK ROADS) ON RIGHT	TO ROUTE 0010ZZ (FENWICK ROADS) ON RIGHT	N/A	0.16	0.00	0.16	2		AS	1, 1B
0101	5			O CLUB ROAD	FROM ROUTE 0010ZZ (FENWICK ROADS) ON LEFT	TO ROUTE 0010ZZ (FENWICK ROADS) ON LEFT	N/A	0.18	0.00	0.18	2		AS	1, 1B
0103ZZ	5			MILL CREEK OVERLOOK ROADS	FROM INTERSECTION OF ROUTE 0010ZZ (FENWICK ROADS) AND ROUTE 0205 (GULLICK DRIVE NORTH SECTION)	TO ROUTE 0919ZZ (MILL CREEK OVERLOOK PARKING AREAS) AT MP 0.14	N/A	0.10	0.03	0.13	2		AS	2
0105ZZ	5			BUILDING 38 ROADS	FROM ROUTE 0010ZZ (FENWICK ROADS)	TO ROUTE 0919ZZ (MILL CREEK OVERLOOK PARKING AREAS)	N/A	0.13	0.00	0.13	2		AS	2
0200ZZ	5			WALKER AIRFIELD ROADS	FROM ROUTE 0010ZZ (FENWICK ROADS) ON LEFT	THROUGH WALKER AIRFIELD ROADS	N/A	1.23	0.00	1.23	3		AS	1, 1B
0201ZZ	5			BUILDING 248 ROADS	FROM ROUTE 0010ZZ (FENWICK ROADS) ON LEFT	TO ROUTE 0200ZZ (WALKER AIRFIELD ROADS)	N/A	0.14	0.00	0.14	3		AS	1, 1B
0202	5			THE COLONIES TRAVEL RESORT ROAD	FROM ROUTE 0010ZZ (FENWICK ROADS) ON LEFT	TO END OF LOOP	N/A	0.31	0.00	0.31	3		AS	2
0203	NC			NORTH AIRFIELD UNPAVED ACCESS ROAD	FROM ROUTE 0010ZZ (FENWICK ROADS) ON LEFT	TO ROUTE 0200ZZ (WALKER AIRFIELD ROADS)	N/A	0.00	0.07	0.07	3		GR	
0204	5			GULLICK DRIVE SOUTH SECTION	FROM ROUTE 0101 (O CLUB ROAD)	TO SOUTH PARK BOUNDARY	N/A	0.49	0.00	0.49	3		AS	1, 1B
0205	5			GULLICK DRIVE NORTH SECTION	FROM FENCE LINE	TO ROUTE 0010ZZ (FENWICK ROAD)	N/A	0.43	0.00	0.43	3		AS	2
0206	5			SHELTER 5 ROAD	FROM ROUTE 0010ZZ (FENWICK ROADS) ON RIGHT	TO ROUTE 0205 (GULLICK DRIVE NORTH SECTION)	N/A	0.08	0.00	0.08	2		AS	2

Cycle 5 NPS/RIP Route ID Report

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Yellow = Unpaved Routes, DCV not Driven
Blue = All Paved Parking Areas
Green = All Unpaved Parking Areas
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Rte. No.	Cycle Collected	FMSS No.	Concess Route	Route Name	Route Description From	Route Description To	Maint. District	Paved Miles	Un-Paved Miles	Total Route Length	Func. Class	Manual Rated SQ/FT	Surf. Type	Area Maps
0900ZZ	5			PARADE GROUND PARKING AREAS	FROM ROUTE 5009A (PARADE GROUND PARKING WEST ACCESS ROAD) AND ROUTE 5010 (RUCKMAN ROAD)	TO ROUTE 5009B (PARADE GROUND PARKING EAST ACCESS ROAD)	N/A	0.00	0.00	0.00		83,004	AS	1, 1A
0901A	5			BUILDING 1 OVERFLOW PARKING	FROM ROUTE 5008 (BERNARD ROAD) ON LEFT	TO ROUTE 5008 (BERNARD ROAD) ON LEFT	N/A	0.00	0.00	0.00		4,459	OT	1, 1A
0901B	5			BUILDING 1 PARKING	FROM ROUTE 5008 (BERNARD ROAD) ON RIGHT	TO PARKING	N/A	0.00	0.00	0.00		9,823	AS	1, 1A
0902	5			CASEMATE MUSEUM PARKING	ADJACENT TO ROUTE 5008 (BERNARD ROAD)		N/A	0.00	0.00	0.00		3,374	AS	1, 1A
0903	5			BUILDING 17 PARKING	ADJACENT TO ROUTE 5011 (MATHEWS LANE)		N/A	0.00	0.00	0.00		1,096	AS	1, 1A
0904	5			BUILDING 50 PARKING	ADJACENT TO ROUTE 5008 (BERNARD ROAD)		N/A	0.00	0.00	0.00		603	AS	1, 1A
0905	5			BALLFIELD PARKING	ADJACENT TO ROUTE 0010ZZ (FENWICK ROADS) AND 5006 (FENWICK ROAD (NON NPS))		N/A	0.00	0.00	0.00		2,347	AS	1, 1B
0906	5			SOUTH BOUNDARY PARKING	FROM ROUTE 0010ZZ (FENWICK ROADS) ON RIGHT	TO PARKING	N/A	0.00	0.00	0.00		6,428	AS	1, 1B
0907ZZ	5			FENWICK ROAD PARKING AREAS	ADJACENT TO ROUTE 0010ZZ (FENWICK ROADS)		N/A	0.00	0.00	0.00		14,941	AS	1, 1B
0908	5			BATTERY DERUSSY PARKING	ADJACENT TO ROUTE 0100 (BATTERY DERUSSY ROAD)		N/A	0.00	0.00	0.00		12,900	AS	1, 1B
0909ZZ	5			WALKER AIRFIELD OVERFLOW PARKING AREAS	ADJACENT TO ROUTE 0200ZZ (WALKER AIRFIELD ROADS)		N/A	0.00	0.00	0.00		14,348	CO	1, 1B
0910ZZ	5			BUILDING 248 PARKING AREAS	ADJACENT TO ROUTE 0201ZZ (BUILDING 248 ROADS)		N/A	0.00	0.00	0.00		3,701	AS	1, 1B
0911	5			BATTERY CHURCH PARKING	FROM ROUTE 0010ZZ (FENWICK ROADS) ON LEFT	TO PARKING	N/A	0.00	0.00	0.00		6,545	AS	1, 1B

Cycle 5 NPS/RIP Route ID Report

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Rte. No.	Cycle Collected	FMSS No.	Concess Route	Route Name	Route Description From	Route Description To	Maint. District	Paved Miles	Un-Paved Miles	Total Route Length	Func. Class	Manual Rated SQ/FT	Surf. Type	Area Maps
0912ZZ	5			TENNIS COURT PARKING AREAS	ADJACENT TO ROUTE 0010ZZ (FENWICK ROADS)		N/A	0.00	0.00	0.00		6,812	AS	1, 1B
0913	5			O CLUB PARKING	FROM ROUTE 0101 (O CLUB ROAD) ON LEFT	TO ROUTE 0101 (O CLUB ROAD) ON LEFT	N/A	0.00	0.00	0.00		49,874	AS	1, 1B
0914	5			BEACH CLUB PARKING	FROM ROUTE 0101 (O CLUB ROAD) ON RIGHT	TO PARKING	N/A	0.00	0.00	0.00		19,685	AS	1, 1B
0915	NC			THE COLONIES TRAVEL RESORT PARKING	ADJACENT TO ROUTE 0202 (THE COLONIES TRAVEL RESORT ROAD) ON RIGHT		N/A	0.00	0.00	0.00		9,133	GR	
0916	5			THE COLONIES TRAVEL RESORT DUMPSITE PARKING	ADJACENT TO ROUTE 0202 (THE COLONIES TRAVEL RESORT ROAD) ON LEFT		N/A	0.00	0.00	0.00		8,014	AS	2
0917	5			SHELTER 5 PARKING	ADJACENT TO ROUTE 0206 (SHELTER 5 ROAD)		N/A	0.00	0.00	0.00		4,294	AS	2
0918	5			COUNTRY STORE PARKING	FROM ROUTE 0010ZZ (FENWICK ROADS) ON LEFT	TO ROUTE 0010ZZ (FENWICK ROADS) ON LEFT	N/A	0.00	0.00	0.00		12,127	AS	2
0919ZZ	5			MILL CREEK OVERLOOK PARKING AREAS	FROM ROUTE 0010ZZ (FENWICK ROADS), ROUTE 0103 (MILL CREEK OVERLOOK ROAD), AND ROUTE 0105 (BUILDING 38 ROAD)	TO PARKING	N/A	0.00	0.00	0.00		26,780	AS	2
0920ZZ	5			NORTH BEACH PARKING AREAS	ADJACENT TO ROUTE 0010ZZ (FENWICK ROADS) ON LEFT AND RIGHT		N/A	0.00	0.00	0.00		2,233	AS	2
0921	NC			NORTH AIRFIELD ACCESS PARKING	ADJACENT TO ROUTE 0203 (NORTH AIRFIELD UNPAVED ACCESS ROAD)		N/A	0.00	0.00	0.00		2,700	GR	
0922	NC			BUILDING 38 UNPAVED PARKING	ADJACENT TO ROUTE 0105ZZ (BUILDING 38 ROADS)		N/A	0.00	0.00	0.00		12,000	GR	

Cycle 5 NPS/RIP Route ID Report

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0923ZZ	NC			NORTH BEACH UNPAVED PARKING AREAS	ADJACENT TO ROUTE 0010ZZ (FENWICK ROADS) ON LEFT AND RIGHT		N/A	0.00	0.00	0.00		24,369	NV	
0924	5			NORTH FIELD PARKING AREA	FROM ROUTE 0010ZZ (FENWICK ROADS)	TO PARKING	N/A	0.00	0.00	0.00		10,808	CO	2
5000	5			EAST MERCY BOULEVARD / INGALLS ROAD	FROM SOUTH WILLARD AVENUE	TO ROUTE 5006 (FENWICK ROAD (NON NPS))	N/A	1.24	0.00	1.24			AS	1, 1A
5001	5			EAST MELLEN STREET / MCNAIR ROAD	FROM SOUTH WILLARD AVENUE	TO BEGINNING OF ROUTE 5006 (FENWICK ROAD (NON NPS))	N/A	1.06	0.00	1.06			AS	1, 1A
5002	5			PATCH ROAD	FROM ROUTE 5000 (EAST MERCY BOULEVARD / INGALLS ROAD)	TO ROUTE 5006 (FENWICK ROAD (NON NPS))	N/A	0.62	0.00	0.62			AS	1, 1A
5003	5			GRIFFITH STREET	FROM ROUTE 5002 (PATCH ROAD)	TO ROUTE 5006 (FENWICK ROAD (NON NPS))	N/A	0.17	0.00	0.17			AS	1, 1A
5004	5			NORTH GATE	FROM ROUTE 5002 (PATCH ROAD)	TO ROUTE 5008 (BERNARD ROAD)	N/A	0.06	0.00	0.06			CO	1, 1A
5005A	5			MAIN GATE	FROM ROUTE 5000 (EAST MERCY BOULEVARD / INGALLS ROAD)	TO ROUTE 5008 (BERNARD ROAD)	N/A	0.12	0.00	0.12			AS	1, 1A
5005B	5			MAIN GATE SPUR / INGALLS ROAD	FROM ROUTE 5005A (MAIN GATE)	TO ROUTE 5000 (EAST MERCY BOULEVARD / INGALLS ROAD)	N/A	0.08	0.00	0.08			AS	1, 1A
5006	5			FENWICK ROAD (NON NPS)	FROM END OF ROUTE 5001 (EAST MELLEN STREET / MCNAIR ROAD)	TO BEGINNING OF ROUTE 0010ZZ (FENWICK ROADS)	N/A	1.19	0.00	1.19			AS	1, 1A, 1B
5007	5			EAST GATE	FROM ROUTE 5006 (FENWICK ROAD (NON NPS))	TO ROUTE 5008 (BERNARD ROAD)	N/A	0.07	0.00	0.07		5,647	AS	1, 1A
5008	5			BERNARD ROAD	FROM INTERSECTION OF ROUTE 5005A (MAIN GATE) AND 5010 (RUCKMAN ROAD)	TO INTERSECTION OF ROUTE 5005A (MAIN GATE) AND 5010 (RUCKMAN ROAD)	N/A	0.75	0.00	0.75			AS	1, 1A

Cycle 5 NPS/RIP Route ID Report

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5009A	5			PARADE GROUND PARKING WEST ACCESS ROAD	FROM ROUTE 5008 (BERNARD ROAD)	TO ROUTE 0900ZZ (PARADE GROUND PARKING AREAS)	N/A	0.04	0.00	0.04			AS	1, 1A
5009B	5			PARADE GROUND PARKING EAST ACCESS ROAD	FROM ROUTE 0900ZZ (PARADE GROUND PARKING AREAS)	TO ROUTE 5008 (BERNARD ROAD)	N/A	0.04	0.00	0.04			AS	1, 1A
5010	5			RUCKMAN ROAD	FROM ROUTE 5008 (BERNARD ROAD)	TO INTERSECTION OF ROUTE 5005A (MAIN GATE) AND 5008 (BERNARD ROAD)	N/A	0.15	0.00	0.15			AS	1, 1A
5011	5			MATHEWS LANE	FROM ROUTE 5008 (BERNARD ROAD)	TO ROUTE 5008 (BERNARD ROAD)	N/A	0.07	0.00	0.07			AS	1, 1A
5012	5			BOMFORD LANE	FROM ROUTE 5006 (FENWICK ROAD (NON NPS))	TO ROUTE 5003 (GRIFFITH STREET)	N/A	0.16	0.00	0.16			AS	1, 1A
5013	5			STILLWELL ROAD	FROM ROUTE 5000 (EAST MERCY BOULEVARD / INGALLS ROAD)	TO ROUTE 5006 (FENWICK ROAD (NON NPS))	N/A	0.76	0.00	0.76			AS	1
5014	5			EUSTIS ROAD	FROM ROUTE 5000 (EAST MERCY BOULEVARD / INGALLS ROAD)	TO ROUTE 5013 (STILLWELL ROAD (NON NPS))	N/A	0.10	0.00	0.10			AS	1

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CYCLE 5 SUMMARY TOTALS FOR FORT MONROE NATIONAL MONUMENT

CYCLE 5 ROUTE TOTALS

DCV Driven Route Miles	4.66
Manually Rated Route Miles	0.33
TOTAL PARK ROUTE MILES COLLECTED IN CYCLE 5	5.00
Manually Rated Routes (SQFT)	2,492
TOTAL UNPAVED PARK ROUTE MILES	0.10

CYCLE 5 CONCESSION TOTALS

Concession Paved Route Miles	0.00
Concession Unpaved Route Miles	0.00
TOTAL CONCESSION ROUTE MILES	0.00
Concession Paved Parking Area SQFT	0
Concession Unpaved Parking Area SQFT	0
TOTAL CONCESSION PARKING AREA SQFT	0
Concession Manually Rated Routes SQFT	0

* CYCLE 5 PARKING AREA TOTALS

Paved Parking (SQFT)	304,196
Unpaved Parking (SQFT)	48,202
TOTAL PARKING (SQFT)	352,398

CYCLE 5 WEIGHTED AVERAGE PARK VALUES

DCV Driven PCR	65
**Manually Rated Routes PCR	47
**Parking PCR	53
***Total Equivalent Lane Miles	16.63

* - The Parking Area Totals SQFT value represents **all** parking areas collected in Cycle 5, both park and concessionaire.

** - Parking and Manually Rated Routes are assigned the following PCR values based on their observed condition: Construction=-1, Excellent=97, Good=90, Fair=73, and Poor=45.

*** - Equivalent Lane Miles are calculated by route using the following equations : DCV and Manually Rated Lines Routes=(PAVE_WIDTHxPAVED_MI)/11 foot lane. Parking Areas=SQ_FEET/5280/11. Manually Rated Polygons=SQ_FEET/5280/11.

NOTE: Condition data was collected for 12 of the 16 DCV Five-Thousand series routes by special request but that condition data is not included here because Five-Thousand routes are not park-owned routes.

Cycle 5 NPS/RIP Route ID Report

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

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General Park Road Functional Classification Table

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

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

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

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

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

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

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

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

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

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

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

Surface Type Abbreviations:

AS - Asphaltic Concrete Pavement

CO - Portland Cement Concrete Pavement

BR - Brick or Pavers Road Bed

CB - Cobble Stone Road Bed

GR - Gravel Road Bed

SA - Sand Road Bed

NV - Native or Dirt Material Road Bed

OT - Other Materials Road Bed

NPS/RIP Subcomponent Details for FOMR

Shading Color Key:
Red text denotes approx. mileage

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

*Unpaved route data was obtained from NPS and was not inventoried by the Road Inventory Program (RIP).

FOMR

FORT MONROE NATIONAL MONUMENT

Rte. No.	FMSS No.	Cycle Collected	Route Name	Route Description From	Route Description To	Concess Route	Func. Class	Paved Miles	Un-Paved Miles	Total Route Length	Manual Rated SQ/FT
0010ZZ	N/A	5	FENWICK ROADS	FROM END OF ROUTE 5006 (FENWICK ROAD (NON NPS)) AT SOUTH PARK BOUNDARY	TO END		1	1.75	0.00	1.75	
0103ZZ	N/A	5	MILL CREEK OVERLOOK ROADS	FROM INTERSECTION OF ROUTE 0010ZZ (FENWICK ROADS) AND ROUTE 0205 (GULLICK DRIVE NORTH SECTION)	TO ROUTE 0919ZZ (MILL CREEK OVERLOOK PARKING AREAS) AT MP 0.14		2	0.10	0.03	0.13	
0105ZZ	N/A	5	BUILDING 38 ROADS	FROM ROUTE 0010ZZ (FENWICK ROADS)	TO ROUTE 0919ZZ (MILL CREEK OVERLOOK PARKING AREAS)		2	0.13	0.00	0.13	
0200ZZ	N/A	5	WALKER AIRFIELD ROADS	FROM ROUTE 0010ZZ (FENWICK ROADS) ON LEFT	THROUGH WALKER AIRFIELD ROADS		3	1.23	0.00	1.23	
0201ZZ	N/A	5	BUILDING 248 ROADS	FROM ROUTE 0010ZZ (FENWICK ROADS) ON LEFT	TO ROUTE 0200ZZ (WALKER AIRFIELD ROADS)		3	0.14	0.00	0.14	
0900ZZ	N/A	5	PARADE GROUND PARKING AREAS	FROM ROUTE 5009A (PARADE GROUND PARKING WEST ACCESS ROAD) AND ROUTE 5010 (RUCKMAN ROAD)	TO ROUTE 5009B (PARADE GROUND PARKING EAST ACCESS ROAD)			0.00	0.00	0.00	83,004
0907ZZ	N/A	5	FENWICK ROAD PARKING AREAS	ADJACENT TO ROUTE 0010ZZ (FENWICK ROADS)				0.00	0.00	0.00	14,941
0909ZZ	N/A	5	WALKER AIRFIELD OVERFLOW PARKING AREAS	ADJACENT TO ROUTE 0200ZZ (WALKER AIRFIELD ROADS)				0.00	0.00	0.00	14,348
0910ZZ	N/A	5	BUILDING 248 PARKING AREAS	ADJACENT TO ROUTE 0201ZZ (BUILDING 248 ROADS)				0.00	0.00	0.00	3,701
0912ZZ	N/A	5	TENNIS COURT PARKING AREAS	ADJACENT TO ROUTE 0010ZZ (FENWICK ROADS)				0.00	0.00	0.00	6,812
0919ZZ	N/A	5	MILL CREEK OVERLOOK PARKING AREAS	FROM ROUTE 0010ZZ (FENWICK ROADS), ROUTE 0103 (MILL CREEK OVERLOOK ROAD), AND ROUTE 0105 (BUILDING 38 ROAD)	TO PARKING			0.00	0.00	0.00	26,780
0920ZZ	N/A	5	NORTH BEACH PARKING AREAS	ADJACENT TO ROUTE 0010ZZ (FENWICK ROADS) ON LEFT AND RIGHT				0.00	0.00	0.00	2,233
0923ZZ	N/A	NC	NORTH BEACH UNPAVED PARKING AREAS	ADJACENT TO ROUTE 0010ZZ (FENWICK ROADS) ON LEFT AND RIGHT				0.00	0.00	0.00	24,369

NPS/RIP Subcomponent Details for FOMR

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

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FOMR

FORT MONROE NATIONAL MONUMENT

FOMR-0010ZZ Subcomponent Breakdown

Rte. No.	FMSS No.	Cycle Collected	Route Name	Route Description From	Route Description To	Concess Route	Func. Class	Paved Miles	Un-Paved Miles	Total Route Length	Manual Rated SQ/FT
0010AZ	N/A	5	FENWICK ROAD	FROM END OF ROUTE 5006 (FENWICK ROAD (NON NPS)) AT SOUTH PARK BOUNDARY	TO END		1	1.67	0.00	1.67	
0010BZ	N/A	5	BATTERY ANDERSON-RUGGLES TURNAROUND	FROM ROUTE 0010AZ (FENWICK ROAD)	TO ROUTE 0010AZ (FENWICK ROAD)		1	0.02	0.00	0.02	
0010CZ	N/A	5	NORTH FIELD ACCESS ROAD	FROM ROUTE 0010AZ (FENWICK ROAD)	TO ROUTE 0010AZ (FENWICK ROAD)		1	0.06	0.00	0.06	

FOMR-0103ZZ Subcomponent Breakdown

Rte. No.	FMSS No.	Cycle Collected	Route Name	Route Description From	Route Description To	Concess Route	Func. Class	Paved Miles	Un-Paved Miles	Total Route Length	Manual Rated SQ/FT
0103AZ	N/A	5	MILL CREEK OVERLOOK ROAD A	FROM INTERSECTION OF ROUTE 0010ZZ (FENWICK ROADS) AND ROUTE 0205 (GULLICK DRIVE NORTH SECTION)	TO INTERSECTION OF ROUTE 0103BZ (MILL CREEK OVERLOOK ROAD B)		2	0.05	0.00	0.05	
0103BZ	N/A	5	MILL CREEK OVERLOOK ROAD B	FROM INTERSECTION OF ROUTE 0103AZ (MILL CREEK OVERLOOK ROAD A)	TO INTERSECTION OF ROUTE 0103CZ (MILL CREEK OVERLOOK ROAD C)		2	0.05	0.00	0.05	2,686
0103CZ	N/A	NC	MILL CREEK OVERLOOK ROAD C	FROM INTERSECTION OF ROUTE 0103BZ (MILL CREEK OVERLOOK ROAD B)	TO ROUTE 0919ZZ (MILL CREEK OVERLOOK PARKING AREAS)		2	0.00	0.03	0.03	

FOMR-0105ZZ Subcomponent Breakdown

Rte. No.	FMSS No.	Cycle Collected	Route Name	Route Description From	Route Description To	Concess Route	Func. Class	Paved Miles	Un-Paved Miles	Total Route Length	Manual Rated SQ/FT
0105AZ	N/A	5	BUILDING 38 ROAD A	FROM ROUTE 0010ZZ (FENWICK ROADS)	TO BEGINNING OF ROUTE 0105AZ (BUILDING 38 ROAD A)		2	0.06	0.00	0.06	
0105BZ	N/A	5	BUILDING 38 ROAD B	FROM END OF ROUTE 0105AZ (BUILDING 38 ROAD A)	TO ROUTE 0919ZZ (MILL CREEK OVERLOOK PARKING AREAS)		2	0.07	0.00	0.07	5,436

NPS/RIP Subcomponent Details for FOMR

Shading Color Key:
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Green = All Unpaved Parking Areas
Grey = Paved Routes, DCV not Driven
Black = State, Local or Private non-NPS Routes
= Concession Route Flag ON

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FOMR

FORT MONROE NATIONAL MONUMENT

FOMR-0200ZZ Subcomponent Breakdown

Rte. No.	FMSS No.	Cycle Collected	Route Name	Route Description From	Route Description To	Concess Route	Func. Class	Paved Miles	Un-Paved Miles	Total Route Length	Manual Rated SQ/FT
0200AZ	N/A	5	SOUTH WALKER AIRFIELD ACCESS ROAD	FROM ROUTE 0010AZ (FENWICK ROAD) ON LEFT	TO ROUTE 0200DZ (WALKER AIRFIELD RUNWAY ROAD)		3	0.13	0.00	0.13	
0200BZ	N/A	5	WALKER AIRFIELD ROAD 1	FROM ROUTE 0200EZ (WALKER AIRFIELD CUT-THROUGH 1)	TO ROUTE 0200AZ (SOUTH WALKER AIRFIELD ACCESS ROAD)		3	0.15	0.00	0.15	
0200CZ	N/A	5	WALKER AIRFIELD ROAD 2	FROM ROUTE 0200EZ (WALKER AIRFIELD CUT-THROUGH 1)	TO ROUTE 0200AZ (SOUTH WALKER AIRFIELD ACCESS ROAD)		3	0.17	0.00	0.17	
0200DZ	N/A	5	WALKER AIRFIELD RUNWAY ROAD	FROM NORTH END OF RUNWAY	TO SOUTH END OF RUNWAY		3	0.52	0.00	0.52	
0200EZ	N/A	5	WALKER AIRFIELD CUT-THROUGH 1	FROM ROUTE 0200BZ (WALKER AIRFIELD ROAD 1)	TO ROUTE 0200DZ (WALKER AIRFIELD RUNWAY ROAD)		3	0.03	0.00	0.03	
0200FZ	N/A	5	WALKER AIRFIELD CUT-THROUGH 2	FROM ROUTE 0200BZ (WALKER AIRFIELD ROAD 1)	TO ROUTE 0200DZ (WALKER AIRFIELD RUNWAY ROAD)		3	0.03	0.00	0.03	
0200GZ	N/A	5	WALKER AIRFIELD CUT-THROUGH 3	FROM ROUTE 0200BZ (WALKER AIRFIELD ROAD 1)	TO ROUTE 0200CZ (WALKER AIRFIELD ROAD 2)		3	0.02	0.00	0.02	2,162
0200HZ	N/A	5	WALKER AIRFIELD CUT-THROUGH 4	FROM ROUTE 0200BZ (WALKER AIRFIELD ROAD 1)	TO ROUTE 0200CZ (WALKER AIRFIELD ROAD 2)		3	0.02	0.00	0.02	2,162
0200IZ	N/A	5	WALKER AIRFIELD CUT-THROUGH 5	FROM ROUTE 0200BZ (WALKER AIRFIELD ROAD 1)	TO ROUTE 0200CZ (WALKER AIRFIELD ROAD 2)		3	0.02	0.00	0.02	2,162
0200JZ	N/A	5	WALKER AIRFIELD CUT-THROUGH 6	FROM ROUTE 0200BZ (WALKER AIRFIELD ROAD 1)	TO ROUTE 0200CZ (WALKER AIRFIELD ROAD 2)		3	0.00	0.00	0.00	2,492
0200KZ	N/A	5	WALKER AIRFIELD CUT-THROUGH 7	FROM ROUTE 0200BZ (WALKER AIRFIELD ROAD 1)	TO ROUTE 0200CZ (WALKER AIRFIELD ROAD 2)		3	0.02	0.00	0.02	2,162
0200LZ	N/A	5	WALKER AIRFIELD CUT-THROUGH 8	FROM ROUTE 0200BZ (WALKER AIRFIELD ROAD 1)	TO ROUTE 0200CZ (WALKER AIRFIELD ROAD 2)		3	0.02	0.00	0.02	2,162
0200MZ	N/A	5	WALKER AIRFIELD CUT-THROUGH 9	FROM ROUTE 0200BZ (WALKER AIRFIELD ROAD 1)	TO ROUTE 0200CZ (WALKER AIRFIELD ROAD 2)		3	0.02	0.00	0.02	2,162
0200NZ	N/A	5	WALKER AIRFIELD CUT-THROUGH 10	FROM ROUTE 0200BZ (WALKER AIRFIELD ROAD 1)	TO ROUTE 0200CZ (WALKER AIRFIELD ROAD 2)		3	0.02	0.00	0.02	2,162
0200OZ	N/A	5	WALKER AIRFIELD CUT-THROUGH 11	FROM ROUTE 0200BZ (WALKER AIRFIELD ROAD 1)	TO ROUTE 0200CZ (WALKER AIRFIELD ROAD 2)		3	0.02	0.00	0.02	2,162
0200PZ	N/A	5	WALKER AIRFIELD CUT-THROUGH 12	FROM ROUTE 0200BZ (WALKER AIRFIELD ROAD 1)	TO ROUTE 0200CZ (WALKER AIRFIELD ROAD 2)		3	0.02	0.00	0.02	2,162
0200QZ	N/A	5	WALKER AIRFIELD CUT-THROUGH 13	FROM ROUTE 0200BZ (WALKER AIRFIELD ROAD 1)	TO ROUTE 0200CZ (WALKER AIRFIELD ROAD 2)		3	0.02	0.00	0.02	2,162

NPS/RIP Subcomponent Details for FOMR

Shading Color Key:
Red text denotes approx. mileage

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

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FOMR

FORT MONROE NATIONAL MONUMENT

FOMR-0201ZZ Subcomponent Breakdown

Rte. No.	FMSS No.	Cycle Collected	Route Name	Route Description From	Route Description To	Concess Route	Func. Class	Paved Miles	Un-Paved Miles	Total Route Length	Manual Rated SQ/FT
0201AZ	N/A	5	BUILDING 248 ROAD A	FROM ROUTE 0010AZ (FENWICK ROAD) ON LEFT	TO END OF LOOP		3	0.12	0.00	0.12	
0201BZ	N/A	5	BUILDING 248 ROAD B	FROM ROUTE 0201AZ (BUILDING 248 ROAD A)	TO INTERSECTION OF ROUTE 0200BZ (WALKER AIRFIELD ROAD 1) AND ROUTE 0200FZ (WALKER AIRFIELD CUT-THROUGH 2)		3	0.02	0.00	0.02	

FOMR-0900ZZ Subcomponent Breakdown

Rte. No.	FMSS No.	Cycle Collected	Route Name	Route Description From	Route Description To	Concess Route	Func. Class	Paved Miles	Un-Paved Miles	Total Route Length	Manual Rated SQ/FT
0900AZ	N/A	5	PARADE GROUND PARKING A	FROM ROUTE 0900BZ (PARADE GROUND PARKING B)	TO ROUTE 0900BZ (PARADE GROUND PARKING B)			0.00	0.00	0.00	22,729
0900BZ	N/A	5	PARADE GROUND PARKING B	FROM END OF ROUTE 5009A (PARADE GROUND PARKING WEST ACCESS ROAD)	TO BEGINNING OF ROUTE 5009B (PARADE GROUND PARKING EAST ACCESS ROAD)			0.00	0.00	0.00	33,727
0900CZ	N/A	5	PARADE GROUND PARKING C	FROM ROUTE 5010 (RUCKMAN ROAD)	TO ROUTE 0900BZ (PARADE GROUND PARKING B)			0.00	0.00	0.00	26,548

FOMR-0907ZZ Subcomponent Breakdown

Rte. No.	FMSS No.	Cycle Collected	Route Name	Route Description From	Route Description To	Concess Route	Func. Class	Paved Miles	Un-Paved Miles	Total Route Length	Manual Rated SQ/FT
0907AZ	N/A	5	FENWICK ROAD PARKING A	ADJACENT TO ROUTE 0010AZ (FENWICK ROAD) ON LEFT				0.00	0.00	0.00	2,366
0907BZ	N/A	5	FENWICK ROAD PARKING B	ADJACENT TO ROUTE 0010AZ (FENWICK ROAD) ON LEFT				0.00	0.00	0.00	3,961
0907CZ	N/A	5	FENWICK ROAD PARKING C	ADJACENT TO ROUTE 0010AZ (FENWICK ROAD) ON LEFT				0.00	0.00	0.00	6,114
0907DZ	N/A	5	FENWICK ROAD PARKING D	ADJACENT TO ROUTE 0010AZ (FENWICK ROAD) ON LEFT				0.00	0.00	0.00	2,500

NPS/RIP Subcomponent Details for FOMR

Shading Color Key:
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Green = All Unpaved Parking Areas
Grey = Paved Routes, DCV not Driven
Black = State, Local or Private non-NPS Routes
= Concession Route Flag ON

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FOMR

FORT MONROE NATIONAL MONUMENT

FOMR-0909ZZ Subcomponent Breakdown

Rte. No.	FMSS No.	Cycle Collected	Route Name	Route Description From	Route Description To	Concess Route	Func. Class	Paved Miles	Un-Paved Miles	Total Route Length	Manual Rated SQ/FT
0909AZ	N/A	5	WALKER AIRFIELD OVERFLOW PARKING A	ADJACENT TO ROUTE 0200AZ (SOUTH WALKER AIRFIELD ACCESS ROAD) ON RIGHT				0.00	0.00	0.00	2,365
0909BZ	N/A	5	WALKER AIRFIELD OVERFLOW PARKING B	ADJACENT TO ROUTE 0200AZ (SOUTH WALKER AIRFIELD ACCESS ROAD) ON LEFT				0.00	0.00	0.00	4,217
0909CZ	N/A	5	WALKER AIRFIELD OVERFLOW PARKING C	FROM ROUTE 0200AZ (SOUTH WALKER AIRFIELD ACCESS ROAD) ON RIGHT	TO PARKING			0.00	0.00	0.00	5,823
0909DZ	N/A	5	WALKER AIRFIELD OVERFLOW PARKING D	ADJACENT TO ROUTE 0200EZ (WALKER AIRFIELD CUT-THROUGH 1)				0.00	0.00	0.00	1,943

FOMR-0910ZZ Subcomponent Breakdown

Rte. No.	FMSS No.	Cycle Collected	Route Name	Route Description From	Route Description To	Concess Route	Func. Class	Paved Miles	Un-Paved Miles	Total Route Length	Manual Rated SQ/FT
0910AZ	N/A	5	BUILDING 248 PARKING A	ADJACENT TO ROUTE 0201AZ (BUILDING 248 ROAD A)				0.00	0.00	0.00	2,461
0910BZ	N/A	5	BUILDING 248 PARKING B	ADJACENT TO ROUTE 0201AZ (BUILDING 248 ROAD A)				0.00	0.00	0.00	1,240

FOMR-0912ZZ Subcomponent Breakdown

Rte. No.	FMSS No.	Cycle Collected	Route Name	Route Description From	Route Description To	Concess Route	Func. Class	Paved Miles	Un-Paved Miles	Total Route Length	Manual Rated SQ/FT
0912AZ	N/A	5	TENNIS COURT PARKING A	ADJACENT TO ROUTE 0010AZ (FENWICK ROAD) ON RIGHT				0.00	0.00	0.00	3,913
0912BZ	N/A	5	TENNIS COURT PARKING B	ADJACENT TO ROUTE 0010AZ (FENWICK ROAD) ON RIGHT				0.00	0.00	0.00	2,899

NPS/RIP Subcomponent Details for FOMR

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

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FOMR

FORT MONROE NATIONAL MONUMENT

FOMR-0919ZZ Subcomponent Breakdown

Rte. No.	FMSS No.	Cycle Collected	Route Name	Route Description From	Route Description To	Concess Route	Func. Class	Paved Miles	Un-Paved Miles	Total Route Length	Manual Rated SQ/FT
0919AZ	N/A	5	MILL CREEK OVERLOOK LOWER PARKING	FROM ROUTE 0010AZ (FENWICK ROAD) ON LEFT	TO ROUTE 0103 (MILL CREEK OVERLOOK ROAD) UNPAVED SECTION			0.00	0.00	0.00	16,488
0919BZ	N/A	5	MILL CREEK OVERLOOK UPPER PARKING	FROM END OF ROUTE 0105BZ (BUILDING 38 ROAD B)	TO ROUTE 0103 (MILL CREEK OVERLOOK ROAD)			0.00	0.00	0.00	5,081
0919CZ	N/A	5	MILL CREEK OVERLOOK TRAILSIDE PARKING	ADJACENT TO ROUTE 0103AZ (MILL CREEK OVERLOOK ROAD A)				0.00	0.00	0.00	5,211

FOMR-0920ZZ Subcomponent Breakdown

Rte. No.	FMSS No.	Cycle Collected	Route Name	Route Description From	Route Description To	Concess Route	Func. Class	Paved Miles	Un-Paved Miles	Total Route Length	Manual Rated SQ/FT
0920AZ	N/A	5	NORTH BEACH PARKING 1	ADJACENT TO ROUTE 0010AZ (FENWICK ROAD) ON LEFT				0.00	0.00	0.00	791
0920BZ	N/A	5	NORTH BEACH PARKING 2	ADJACENT TO ROUTE 0010AZ (FENWICK ROAD) ON RIGHT				0.00	0.00	0.00	1,442

FOMR-0923ZZ Subcomponent Breakdown

Rte. No.	FMSS No.	Cycle Collected	Route Name	Route Description From	Route Description To	Concess Route	Func. Class	Paved Miles	Un-Paved Miles	Total Route Length	Manual Rated SQ/FT
0923AZ	N/A	NC	NORTH BEACH UNPAVED PARKING 1	ADJACENT TO ROUTE 0010AZ (FENWICK ROAD) ON LEFT				0.00	0.00	0.00	12,227
0923BZ	N/A	NC	NORTH BEACH UNPAVED PARKING 2	ADJACENT TO ROUTE 0010AZ (FENWICK ROAD) ON RIGHT				0.00	0.00	0.00	12,142

ROUTE IDENTIFICATION CHANGES FROM PREVIOUS CYCLE – FOMR

FORT MONROE NATIONAL MONUMENT (FOMR) WAS COLLECTED BY NPS-RIP FOR THE FIRST TIME IN CYCLE 5. THEREFORE, NO CHANGES TABLE IS INCLUDED IN THIS REPORT.

Section 3
Park Summary Information

Fort Monroe National Monument

Federal Lands Highway
Road Inventory Program

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

F.C.	Pavement Condition Rating (PCR)								TOTAL MILES
	Poor (0-60)		Fair (61-84)		Good (85-94)		Excellent (95-100)		
	MILES	%	MILES	%	MILES	%	MILES	%	
1	0.51	10.97%	0.78	16.77%	0.36	7.74%	0.10	2.15%	**1.75**
2	0.18	3.87%	0.16	3.44%	0.12	2.58%	0.06	1.29%	**0.52**
3	0.71	15.27%	0.84	18.06%	0.50	10.75%	0.33	7.10%	**2.38**
4									
5									
6									
7									
8									
Totals	**1.40**	**30.11%**	**1.78**	**38.28%**	**0.98**	**21.07%**	**0.49**	**10.54%**	**4.65**

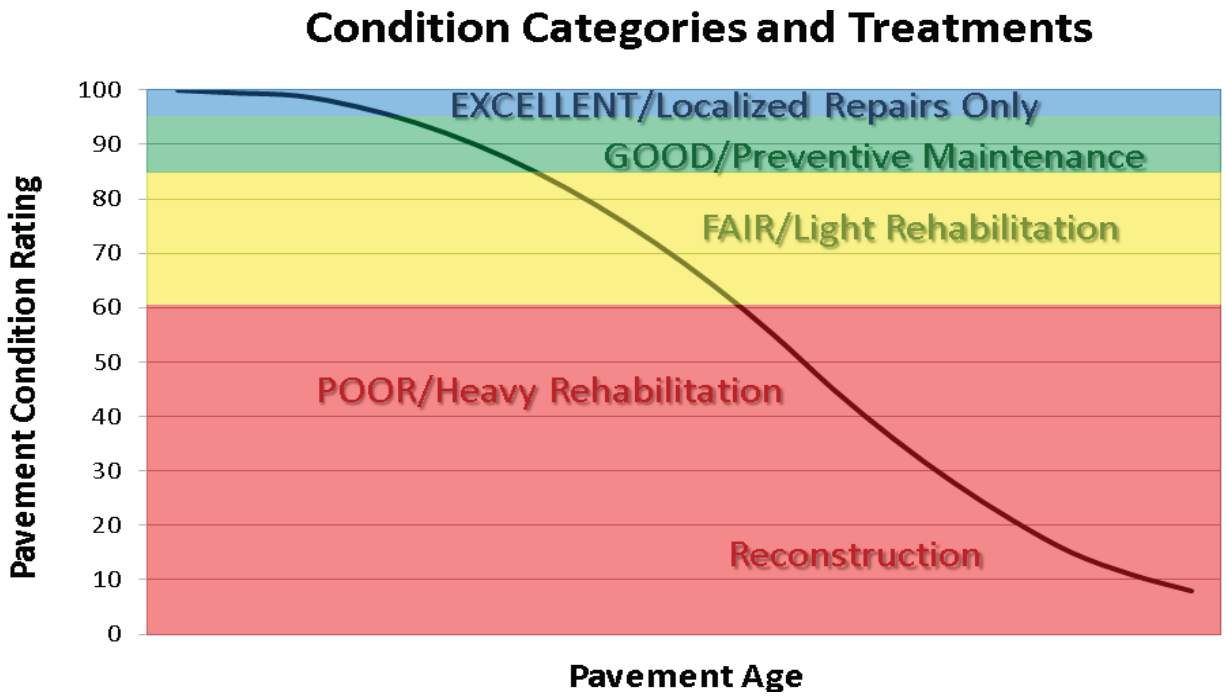
Note: **The information in this table is derived from the PMS_20 table in the Park database, which only contains processed data from routes collected with the Data Collection Vehicle (DCV). Information for Manually Rated Routes (MRR) and Parking Areas is not reported in this table. Only Functional Class 1, 2, & 7 routes, and any new routes not previously collected by RIP, are collected in Large Parks.**

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

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

- Excellent/New: PCR of 95-100. Pavements in this range will require only spot repairs
- Good: PCR of 85-94. Pavements in this range will likely be candidates for Preventive Maintenance. Examples include Chip and Slurry Seals, Micro Surfacing and Thin Overlays.
- Fair: PCR of 61-84. Pavements in this range will likely be candidates of Light Rehabilitation (L3R). Examples include single-lift overlays up to 2.5 inches in total thickness, milling and overlays.
- Poor: PCR of 0-60. Pavements in this range will likely be candidates of Heavy Rehabilitation or Reconstruction (H3R or 4R). Examples include Pulverization, Multiple Lift Overlays, and Reconstruction.

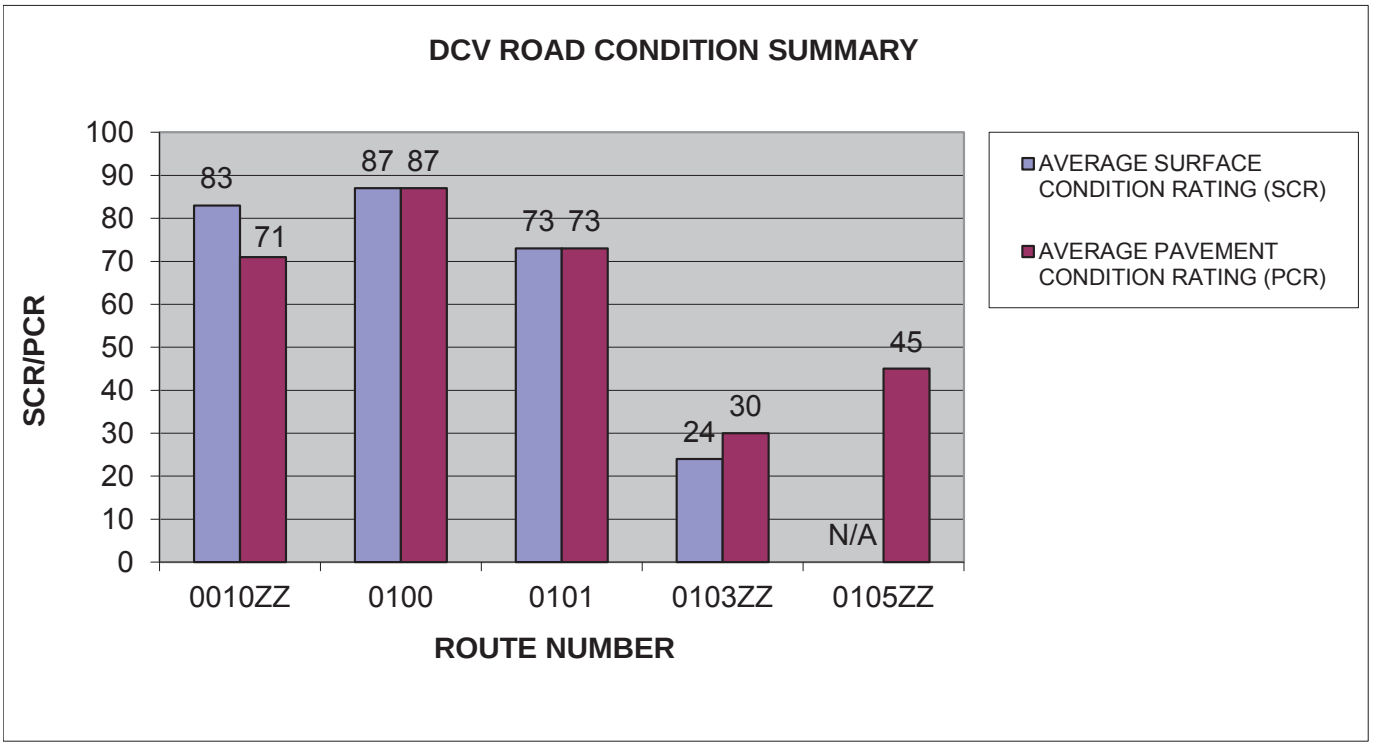
At this time, specific Maintenance and Rehabilitation activities should be evaluated and recommended at the project level. Site-specific conditions that influence treatment type should be determined based on performing a subsurface investigation and/or pavement condition survey, and not be based solely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



FOMR: DCV ROAD CONDITION SUMMARY

DCV - Data Collection Vehicle

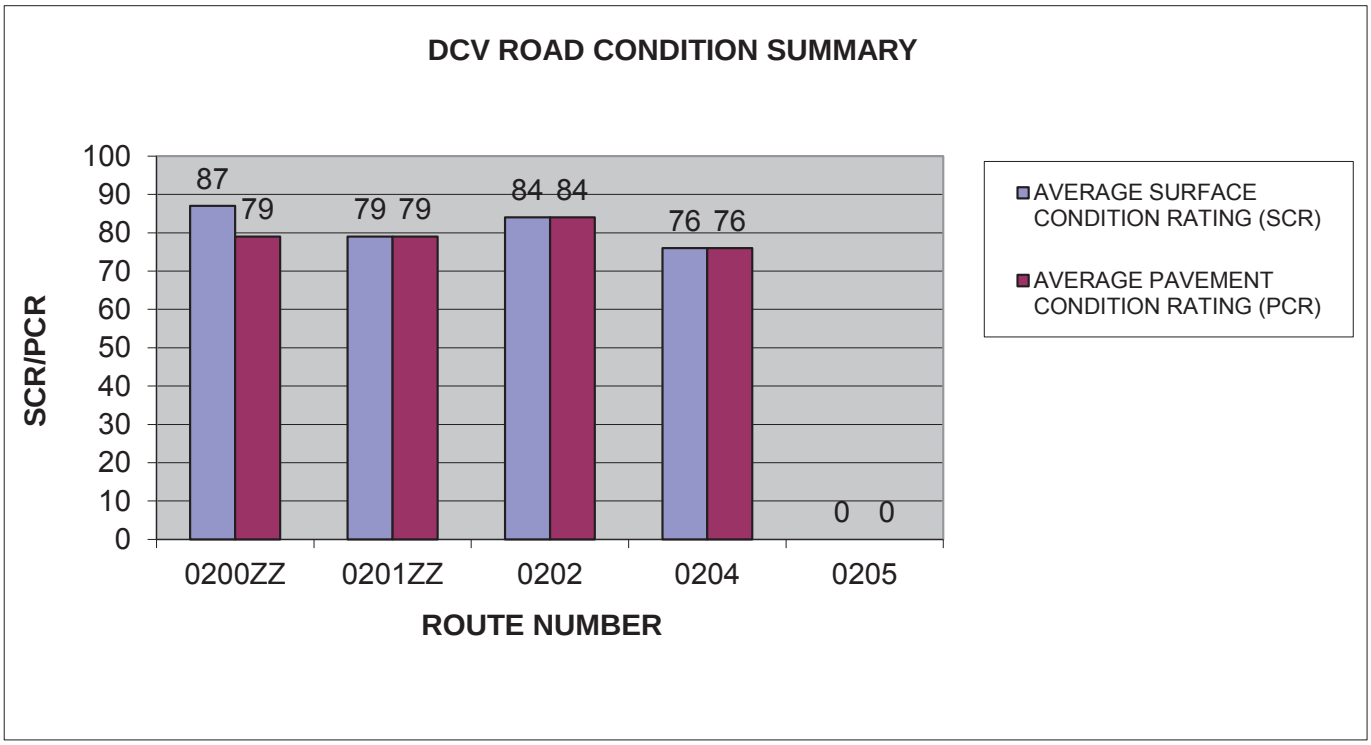
ROUTE NUMBER	ROUTE NAME	FUNCT CLASS	PAVED LENGTH	SURFACE TYPE	AVERAGE SURFACE CONDITION RATING (SCR)	AVERAGE PAVEMENT CONDITION RATING (PCR)
0010ZZ	FENWICK ROADS	1	1.75	ASPHALT	83	71
0100	BATTERY DERUSSY ROAD	2	0.16	ASPHALT	87	87
0101	O CLUB ROAD	2	0.18	ASPHALT	73	73
0103ZZ	MILL CREEK OVERLOOK ROADS	2	0.10	ASPHALT	24	30
0105ZZ	BUILDING 38 ROADS	2	0.13	ASPHALT	N/A	45



FOMR: DCV ROAD CONDITION SUMMARY

DCV - Data Collection Vehicle

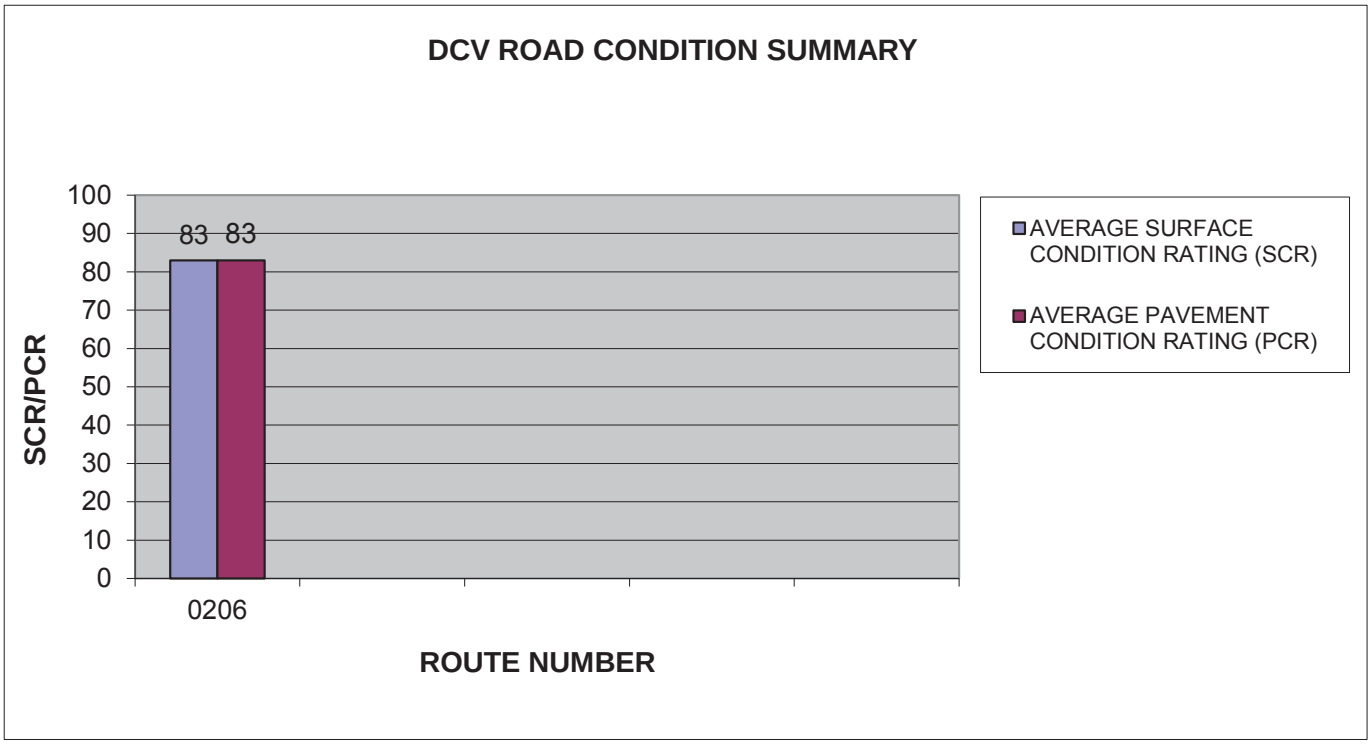
ROUTE NUMBER	ROUTE NAME	FUNCT CLASS	PAVED LENGTH	SURFACE TYPE	AVERAGE SURFACE CONDITION RATING (SCR)	AVERAGE PAVEMENT CONDITION RATING (PCR)
0200ZZ	WALKER AIRFIELD ROADS	3	1.23	ASPHALT	87	79
0201ZZ	BUILDING 248 ROADS	3	0.14	ASPHALT	79	79
0202	THE COLONIES TRAVEL RESORT ROAD	3	0.31	ASPHALT	84	84
0204	GULLICK DRIVE SOUTH SECTION	3	0.49	ASPHALT	76	76
0205	GULLICK DRIVE NORTH SECTION	3	0.43	ASPHALT	0	0



FOMR: DCV ROAD CONDITION SUMMARY

DCV - Data Collection Vehicle

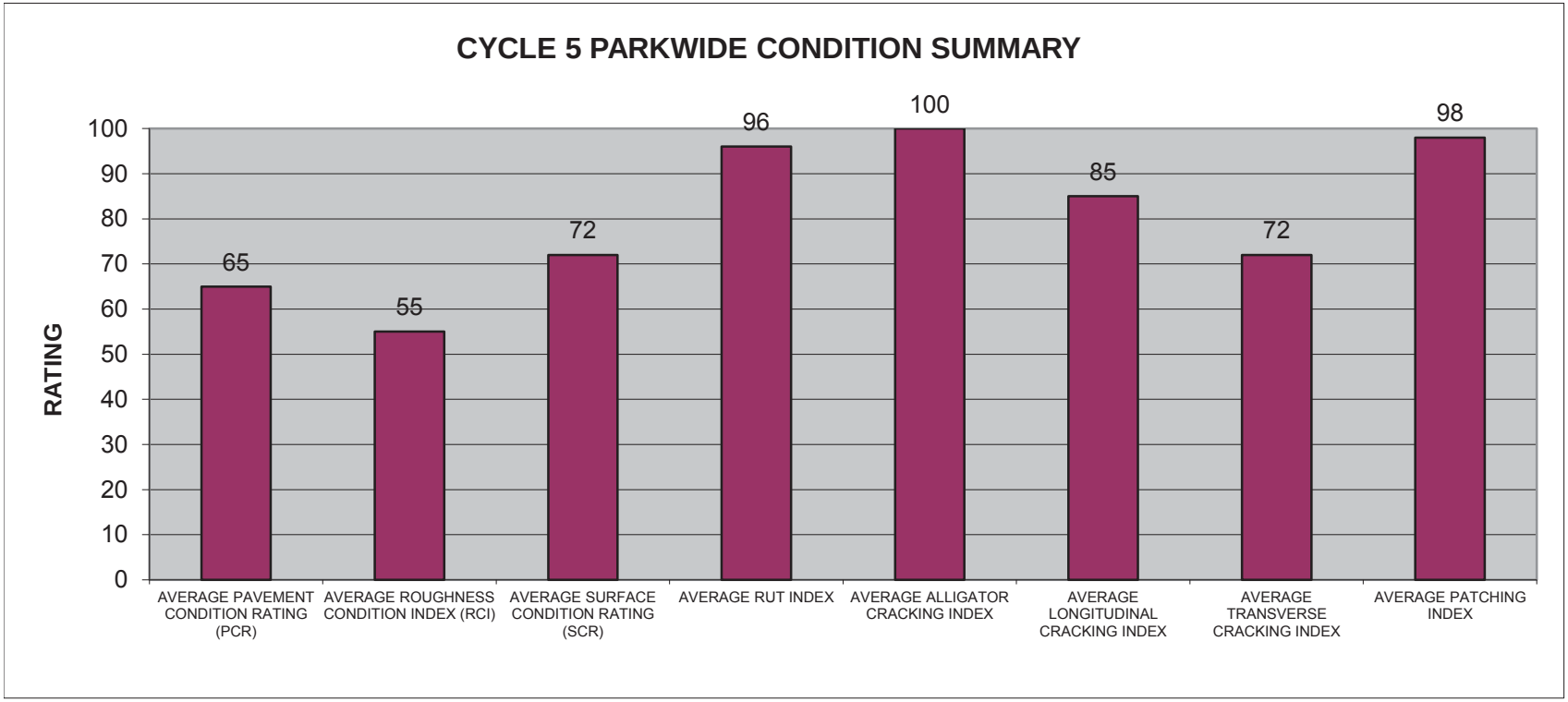
ROUTE NUMBER	ROUTE NAME	FUNCT CLASS	PAVED LENGTH	SURFACE TYPE	AVERAGE SURFACE CONDITION RATING (SCR)	AVERAGE PAVEMENT CONDITION RATING (PCR)
0206	SHELTER 5 ROAD	2	0.08	ASPHALT	83	83



FOMR: PARKWIDE DCV CONDITION SUMMARY

AVERAGE PAVEMENT CONDITION RATING (PCR)	AVERAGE ROUGHNESS CONDITION INDEX (RCI)	AVERAGE SURFACE CONDITION RATING (SCR)	AVERAGE RUT INDEX	AVERAGE ALLIGATOR CRACKING INDEX	AVERAGE LONGITUDINAL CRACKING INDEX	AVERAGE TRANSVERSE CRACKING INDEX	AVERAGE PATCHING INDEX
65	55	72	96	100	85	72	98

All Index values are based on Data Collection Vehicle (DCV) driven roads that were collected in Cycle-5.
Roughness data is only collected on routes with lengths greater than 0.5 miles and a posted speed limit of 25 MPH or greater.



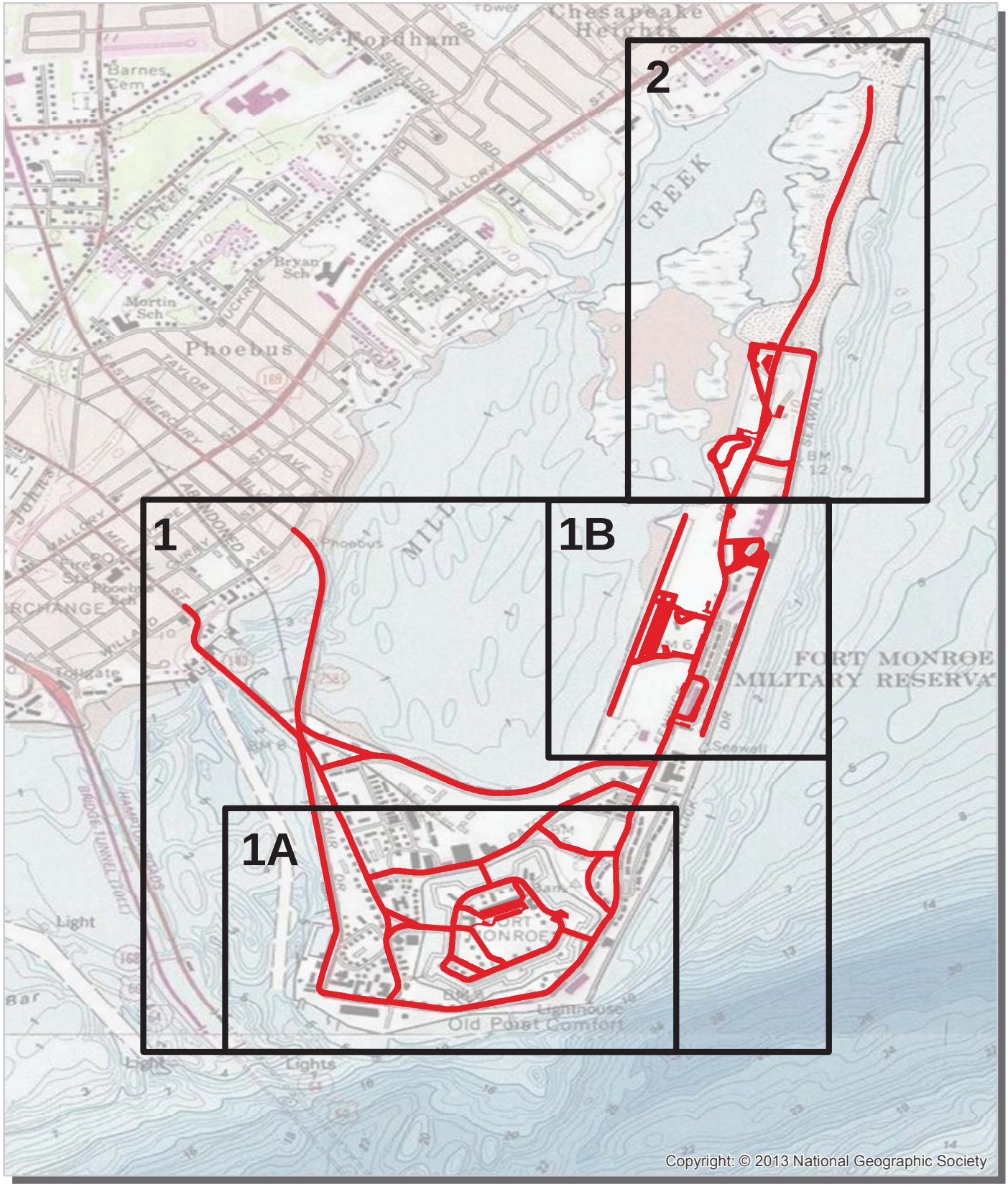
NOTE: Condition data was collected for 12 of the 16 DCV Five-Thousand series routes by special request but that condition data is not included here because Five-Thousand routes are not park-owned routes.

Section 4
Park Route Location Maps

Fort Monroe National Monument

Federal Lands Highway
Road Inventory Program

Fort Monroe National Monument
Route Location Map
Key Map

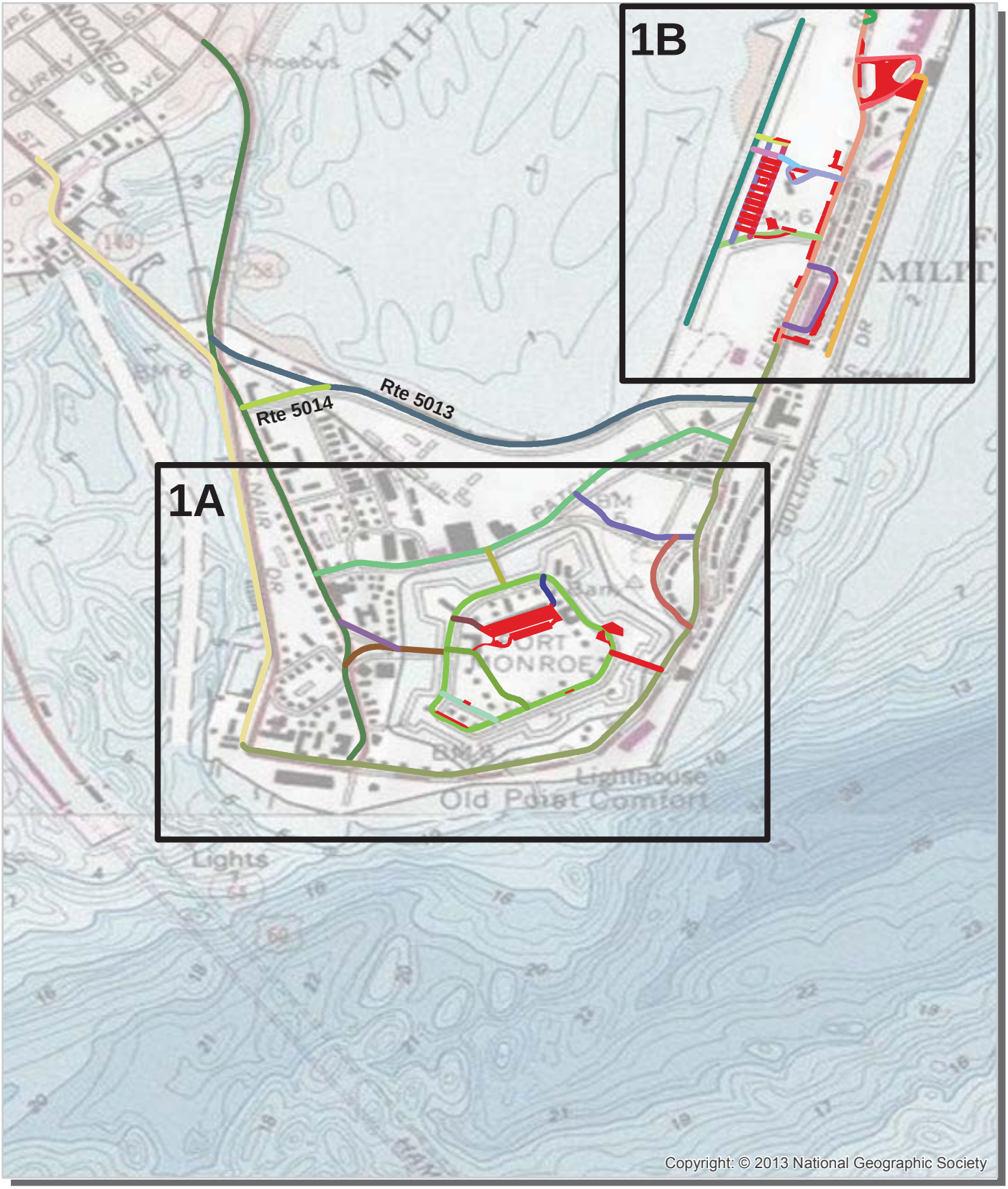


Cycle 5 Collected Routes

0.5 0.25 0 0.5 Miles

N

Fort Monroe National Monument
Route Location Map
Area 1



Unique colors used to differentiate routes

0.3 0.15 0 0.3
Miles

N

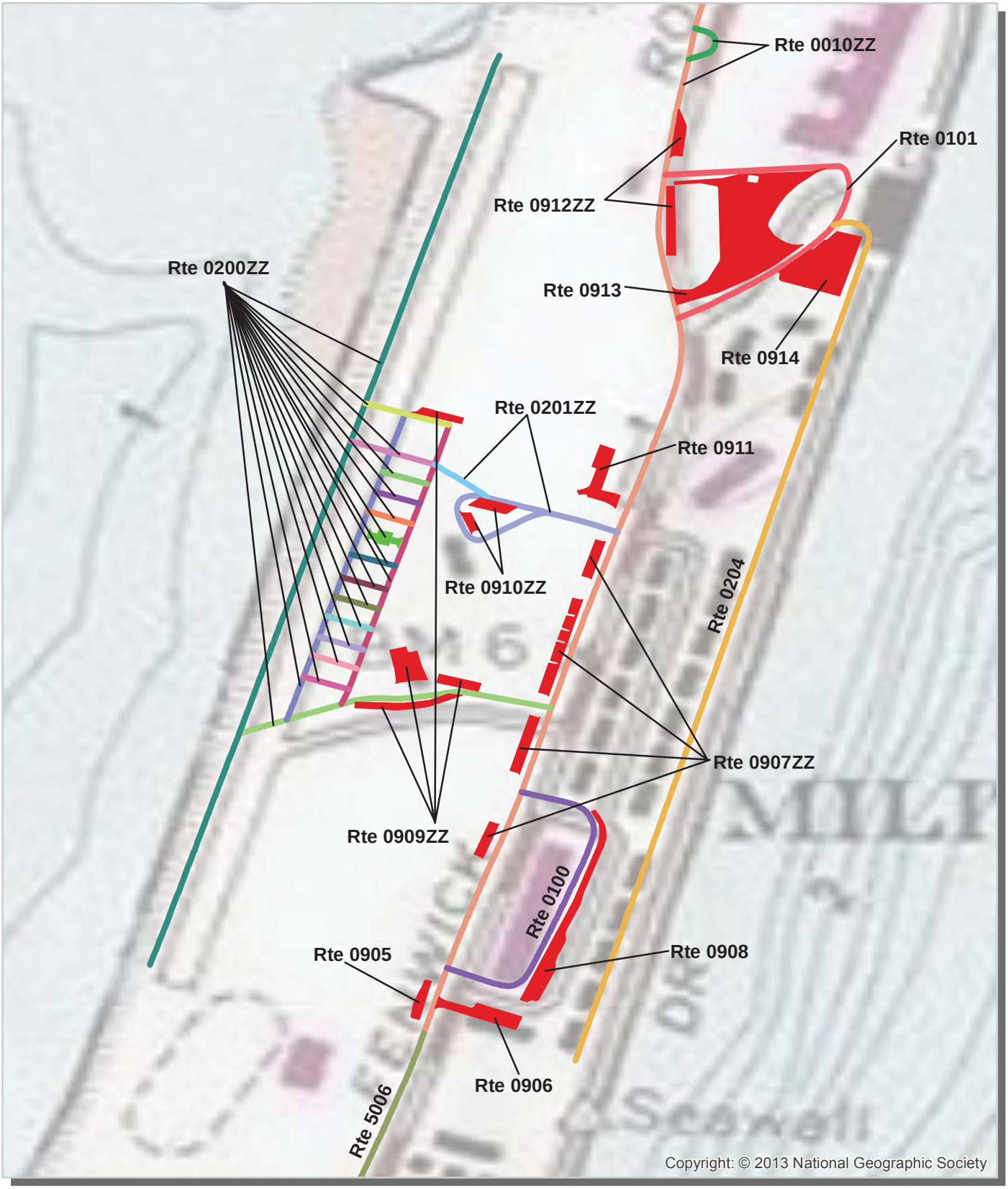
Fort Monroe National Monument
Route Location Map
Area 1A

Unique colors used to differentiate routes

0.25 0.125 0 0.25 Miles

N

Fort Monroe National Monument
Route Location Map
Area 1B

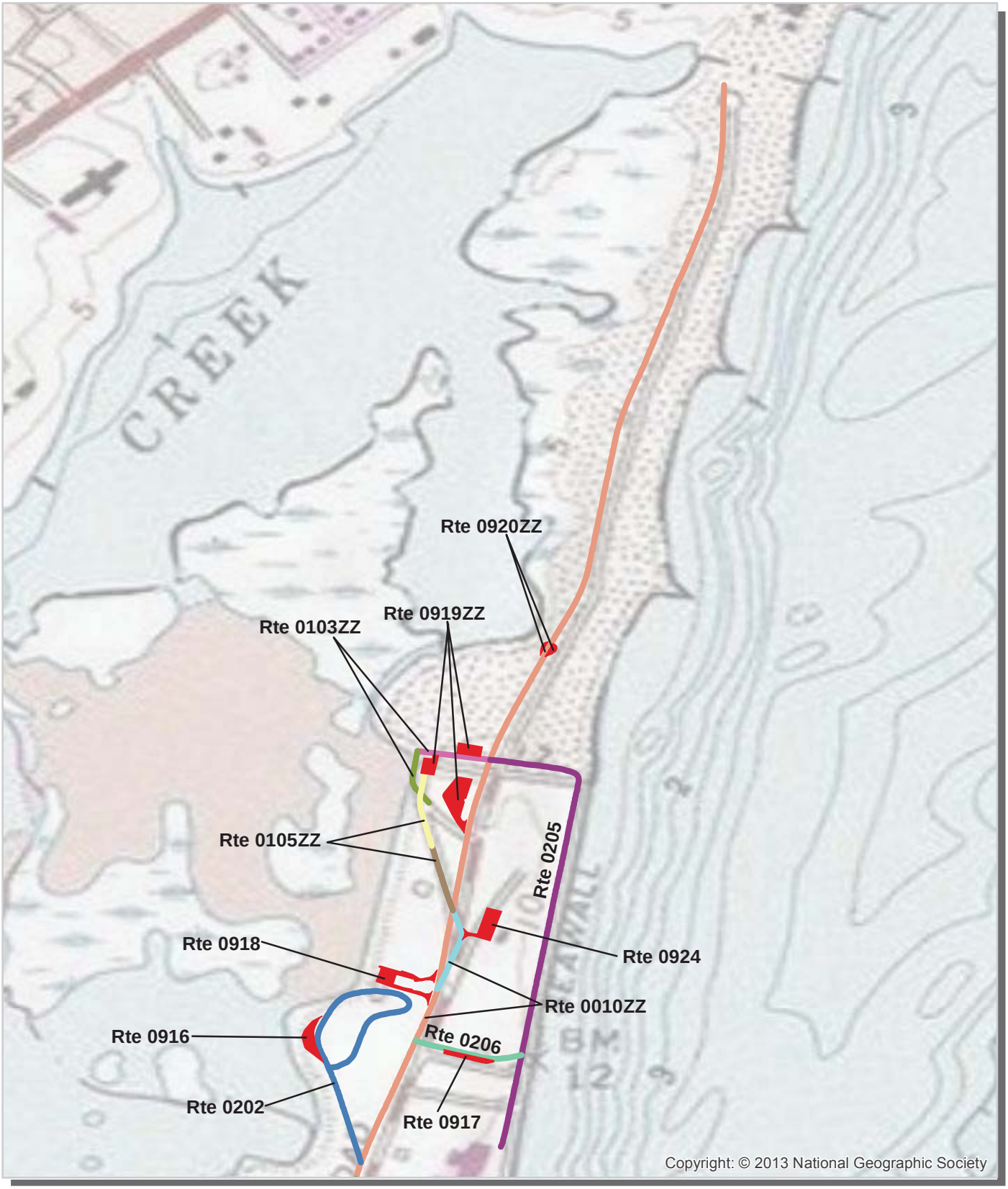


Unique colors used to differentiate routes

0.1 0.05 0 0.1
Miles

N

Fort Monroe National Monument
Route Location Map
Area 2

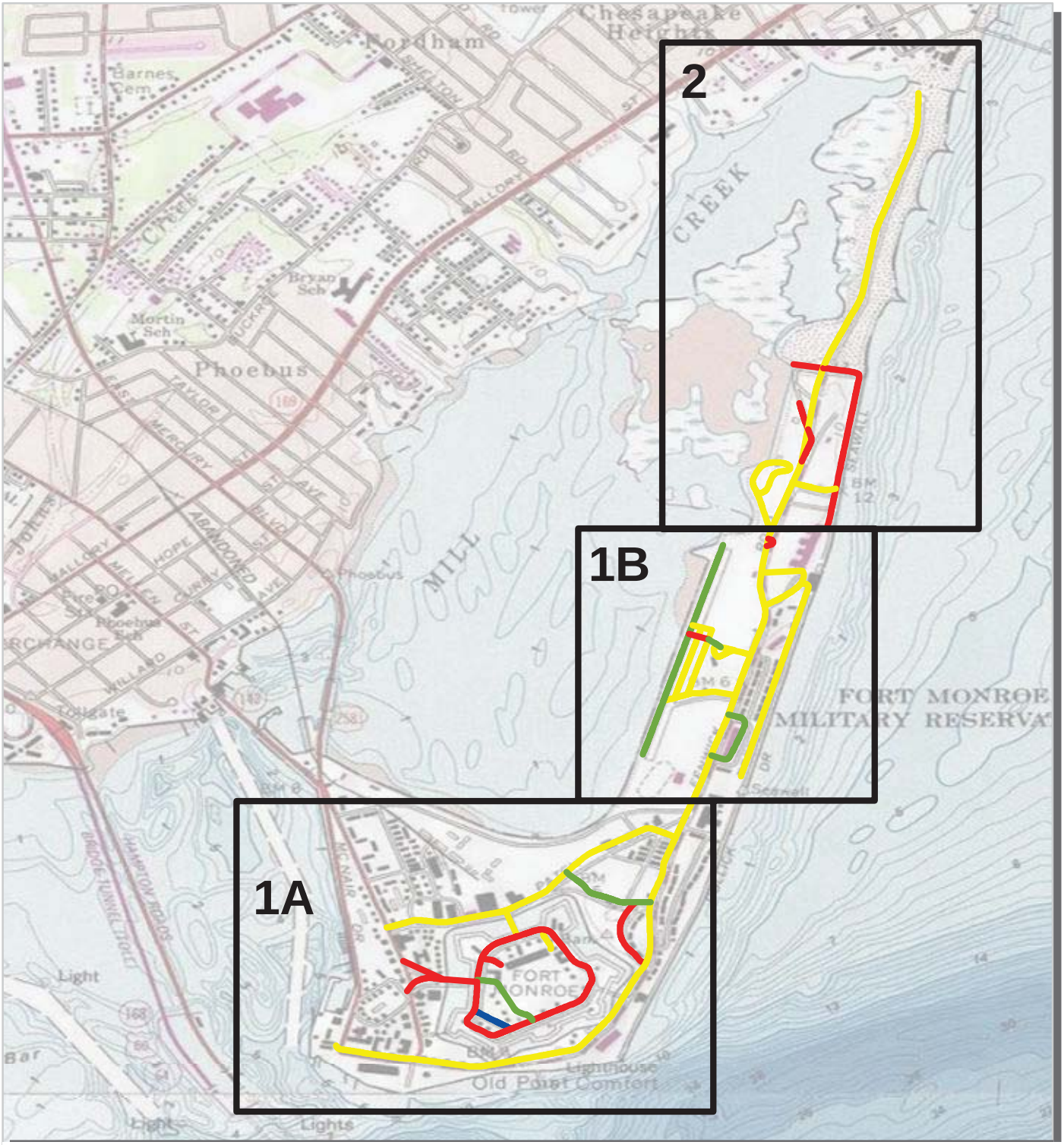


Unique colors used to differentiate routes

0.15 0.075 0 0.15
Miles

N

Fort Monroe National Monument
Route Condition Map
PCR - Mile by Mile
Key Map



PCR — Poor (0 - 60) — Fair (61 - 84) — Good (85 - 94) — Excellent (95 - 100) — No Data

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

Note: Only routes collected by the DCV in Cycle-5 are displayed.

0.5 0.25 0 0.5 Miles

N

Fort Monroe National Monument
Route Condition Map
PCR - Mile by Mile
Area 1A

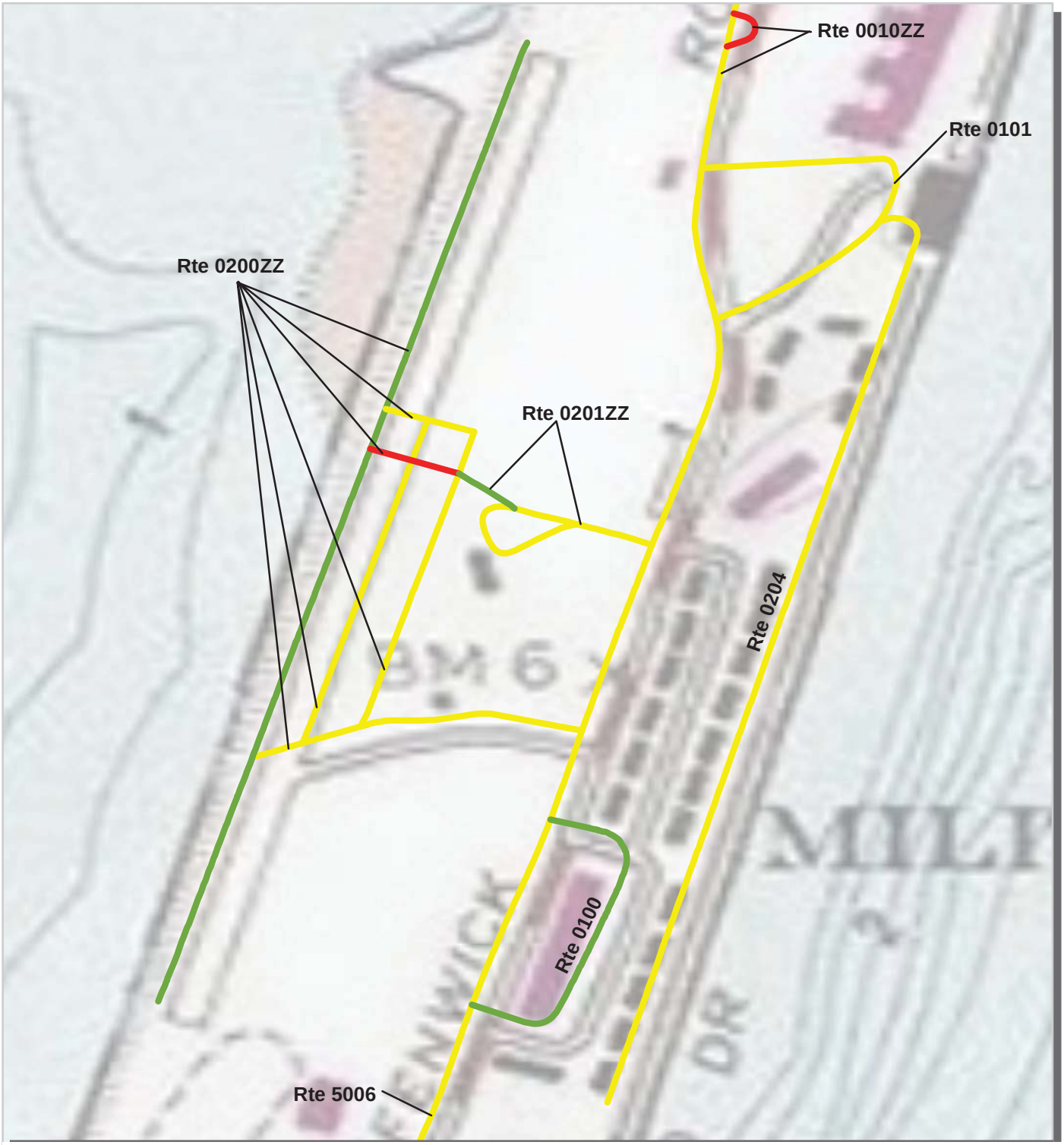
PCR	Poor	Fair	Good	Excellent	No Data
	(0 - 60)	(61 - 84)	(85 - 94)	(95 - 100)	

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

0.25 0.125 0 0.25 Miles

N

Fort Monroe National Monument
Route Condition Map
PCR - Mile by Mile
Area 1B



PCR	Poor	Fair	Good	Excellent	No Data
	(0 - 60)	(61 - 84)	(85 - 94)	(95 - 100)	

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

0.1 0.05 0 0.1 Miles

N

Fort Monroe National Monument
Route Condition Map
PCR - Mile by Mile
Area 2

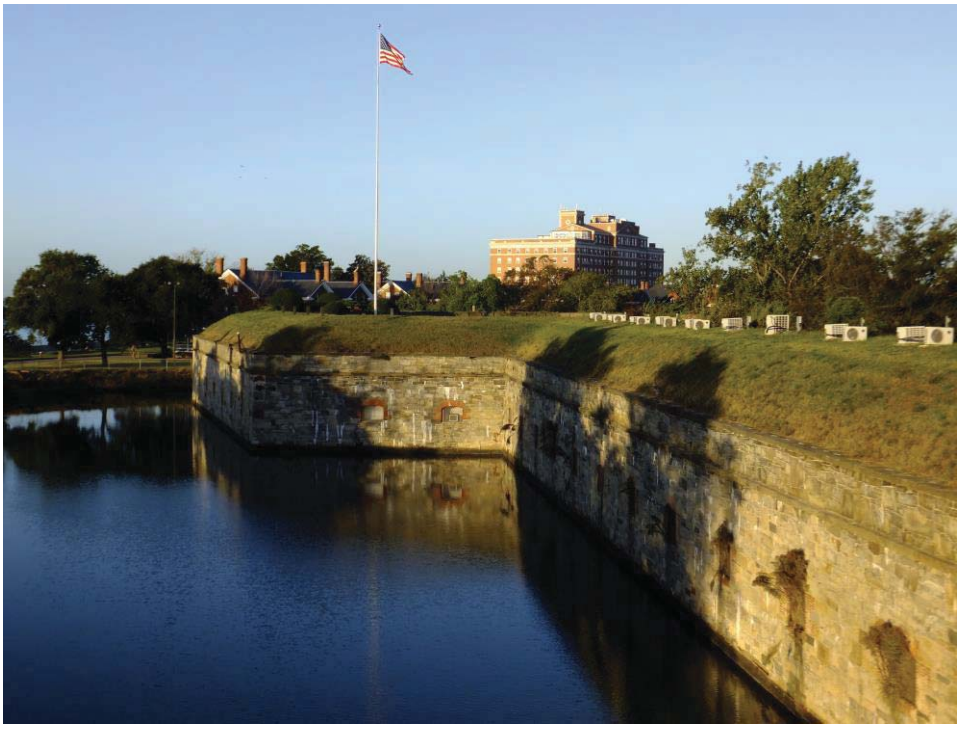
PCR — Poor (0 - 60) — Fair (61 - 84) — Good (85 - 94) — Excellent (95 - 100) — No Data

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

0.2 0.1 0 0.2 Miles

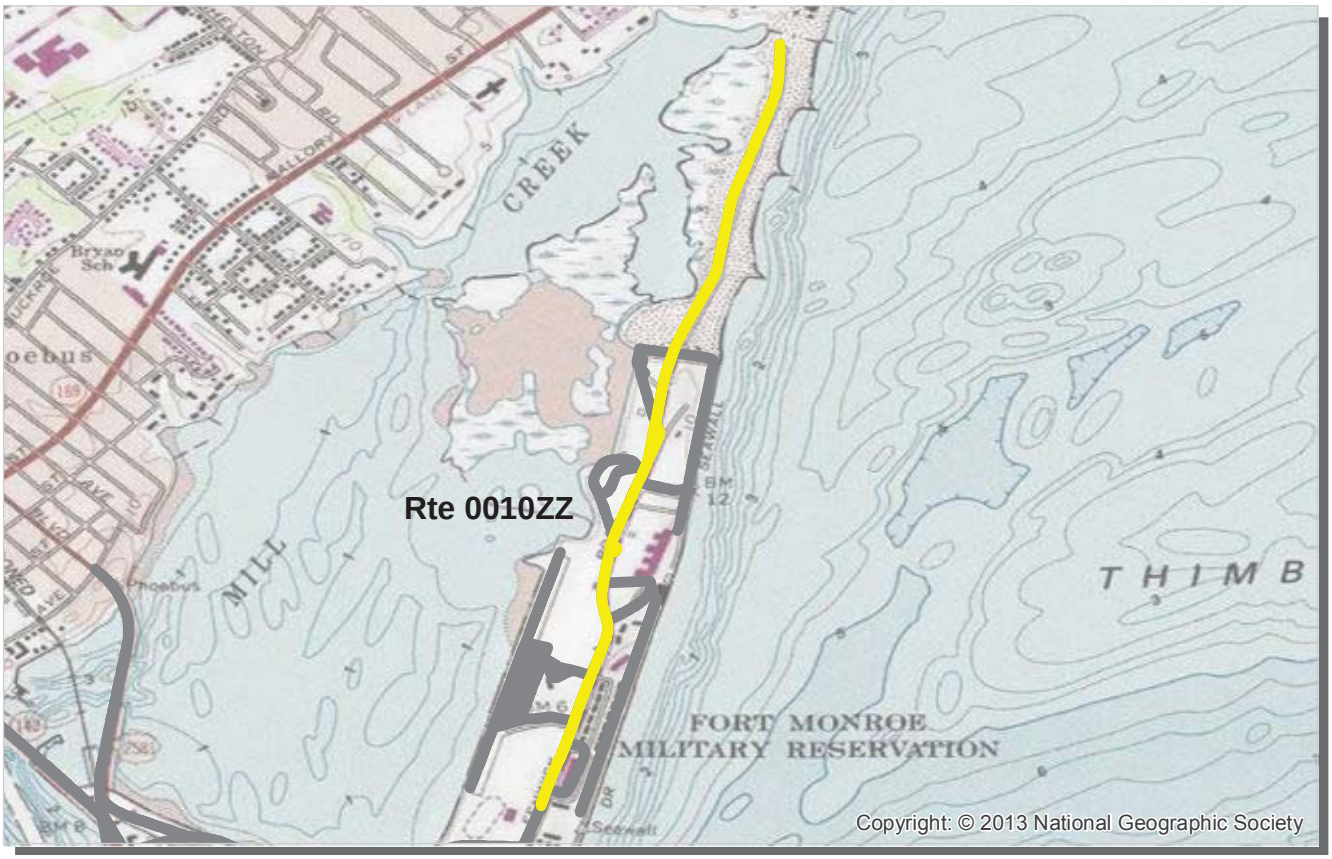
N

Section 5
Paved Route
Condition Rating Sheets



Fort Monroe National Monument

Federal Lands Highway
Road Inventory Program



PCR Poor (0 - 60) Fair (61 - 84) Good (85 - 94) Excellent (95 - 100) No Data

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

ROUTE: 0010ZZ FENWICK ROADS

FOMR : FORT MONROE NATIONAL MONUMENT

Summary Record **COLLECTED: 1/17/2014**

NORTHEAST REGION **TOTAL LENGTH: 1.75 Miles**

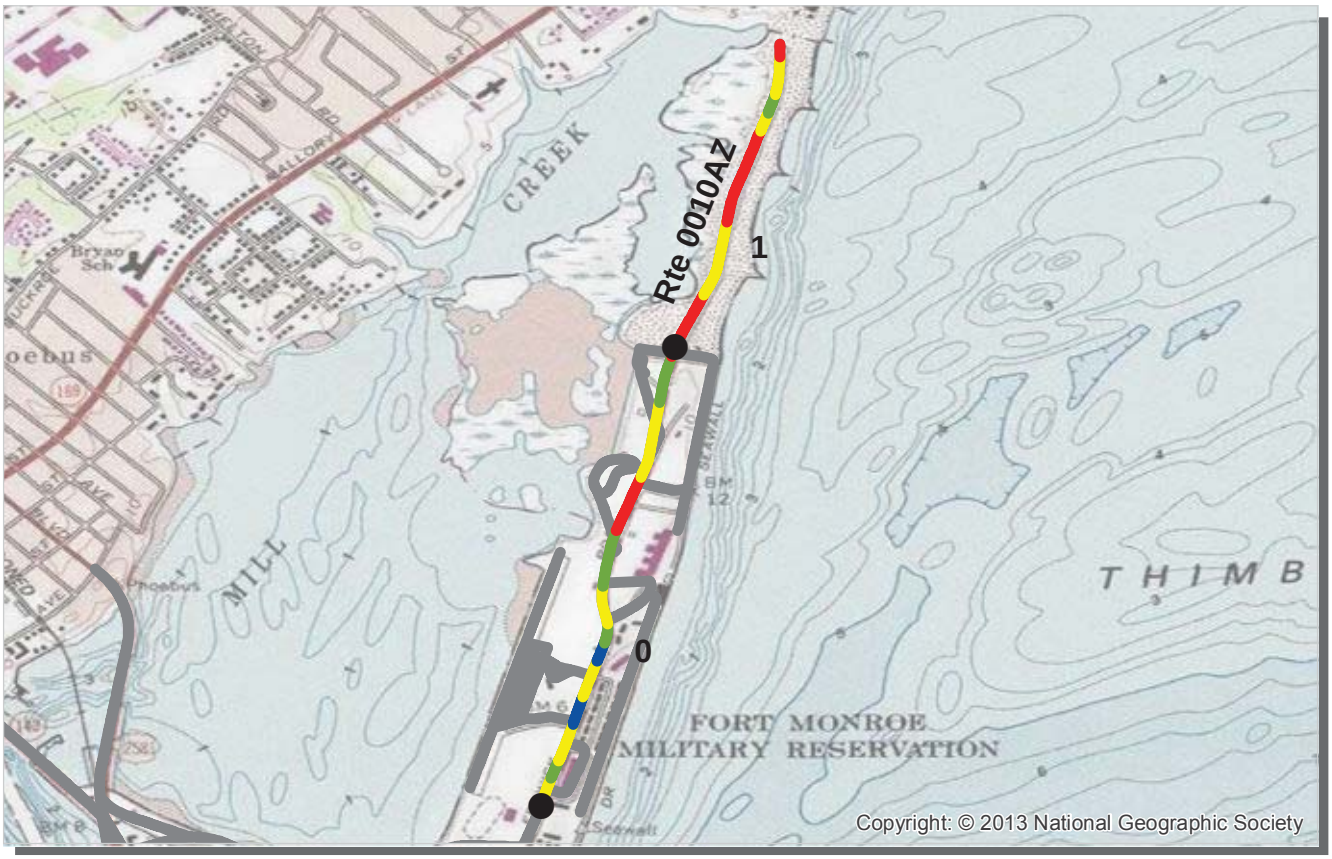
Section Number					
Section Length (mi)					
Cross Section Information					
Number of Lanes	N/A				
Paved Width (ft)	N/A				
Lane Width (ft)	N/A				
Roadway Condition Information					
SCR (Surface Condition Rating)	83				
PCR (Pavement Condition Rating)	71				
Distress Index Values					
Structural Crack Index	N/A				
Transverse Cracking Index	N/A				
Patching Index	N/A				
Rutting Index	N/A				
Roughness Condition Index (RCI)	N/A				

NOTES:

Structural Crack Index is a combination of the Longitudinal Cracking Index and Alligator Cracking Index.

See Section 10 for explanation of SCR, PCR, & all Distress Index Values.

NC - Not Collected N/A - Not Applicable



PCR Poor (0 - 60) Fair (61 - 84) Good (85 - 94) Excellent (95 - 100) No Data

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

ROUTE: 0010AZ FENWICK ROAD

FOMR : FORT MONROE NATIONAL MONUMENT

Subcomponent Record **COLLECTED: 1/17/2014**

NORTHEAST REGION **TOTAL LENGTH: 1.67 Miles**

Section Number	0	1			
Section Length (mi)	1.00	0.67			
Cross Section Information					
Number of Lanes	2	2			
Paved Width (ft)	22	19			
Lane Width (ft)	11	10			
Roadway Condition Information					
SCR (Surface Condition Rating)	83	87			
PCR (Pavement Condition Rating)	79	62			
Distress Index Values					
Structural Crack Index	90	87			
Transverse Cracking Index	83	88			
Patching Index	99	99			
Rutting Index	99	94			
Roughness Condition Index (RCI)	74	24			

NOTES:

Structural Crack Index is a combination of the Longitudinal Cracking Index and Alligator Cracking Index.

See Section 10 for explanation of SCR, PCR, & all Distress Index Values.

NC - Not Collected N/A - Not Applicable

PCR Poor (0 - 60) Fair (61 - 84) Good (85 - 94) Excellent (95 - 100) No Data

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

ROUTE: 0010BZ BATTERY ANDERSON-RUGGLES TURNAROUND

FOMR : FORT MONROE NATIONAL MONUMENT

Subcomponent Record **COLLECTED: 1/17/2014**

NORTHEAST REGION **TOTAL LENGTH: 0.02 Miles**

Section Number	0				
Section Length (mi)	0.02				
Cross Section Information					
Number of Lanes	1				
Paved Width (ft)	20				
Lane Width (ft)	20				
Roadway Condition Information					
SCR (Surface Condition Rating)	47				
PCR (Pavement Condition Rating)	47				
Distress Index Values					
Structural Crack Index	82				
Transverse Cracking Index	47				
Patching Index	100				
Rutting Index	92				
Roughness Condition Index (RCI)	NC				

NOTES:

Structural Crack Index is a combination of the Longitudinal Cracking Index and Alligator Cracking Index.

See Section 10 for explanation of SCR, PCR, & all Distress Index Values.

NC - Not Collected N/A - Not Applicable

PCR Poor (0 - 60) Fair (61 - 84) Good (85 - 94) Excellent (95 - 100) No Data

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

ROUTE: 0010CZ NORTH FIELD ACCESS ROAD
FOMR : FORT MONROE NATIONAL MONUMENT

Subcomponent Record **COLLECTED: 1/17/2014**

NORTHEAST REGION **TOTAL LENGTH: 0.06 Miles**

Section Number	0				
Section Length (mi)	0.06				
Cross Section Information					
Number of Lanes	2				
Paved Width (ft)	19				
Lane Width (ft)	10				
Roadway Condition Information					
SCR (Surface Condition Rating)	36				
PCR (Pavement Condition Rating)	36				
Distress Index Values					
Structural Crack Index	60				
Transverse Cracking Index	36				
Patching Index	100				
Rutting Index	93				
Roughness Condition Index (RCI)	NC				

NOTES:

Structural Crack Index is a combination of the Longitudinal Cracking Index and Alligator Cracking Index.

See Section 10 for explanation of SCR, PCR, & all Distress Index Values.

NC - Not Collected N/A - Not Applicable

PCR Poor (0 - 60) Fair (61 - 84) Good (85 - 94) Excellent (95 - 100) No Data

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

ROUTE: 0100 BATTERY DERUSSY ROAD
FOMR : FORT MONROE NATIONAL MONUMENT

COLLECTED: 1/17/2014

NORTHEAST REGION **TOTAL LENGTH: 0.16 Miles**

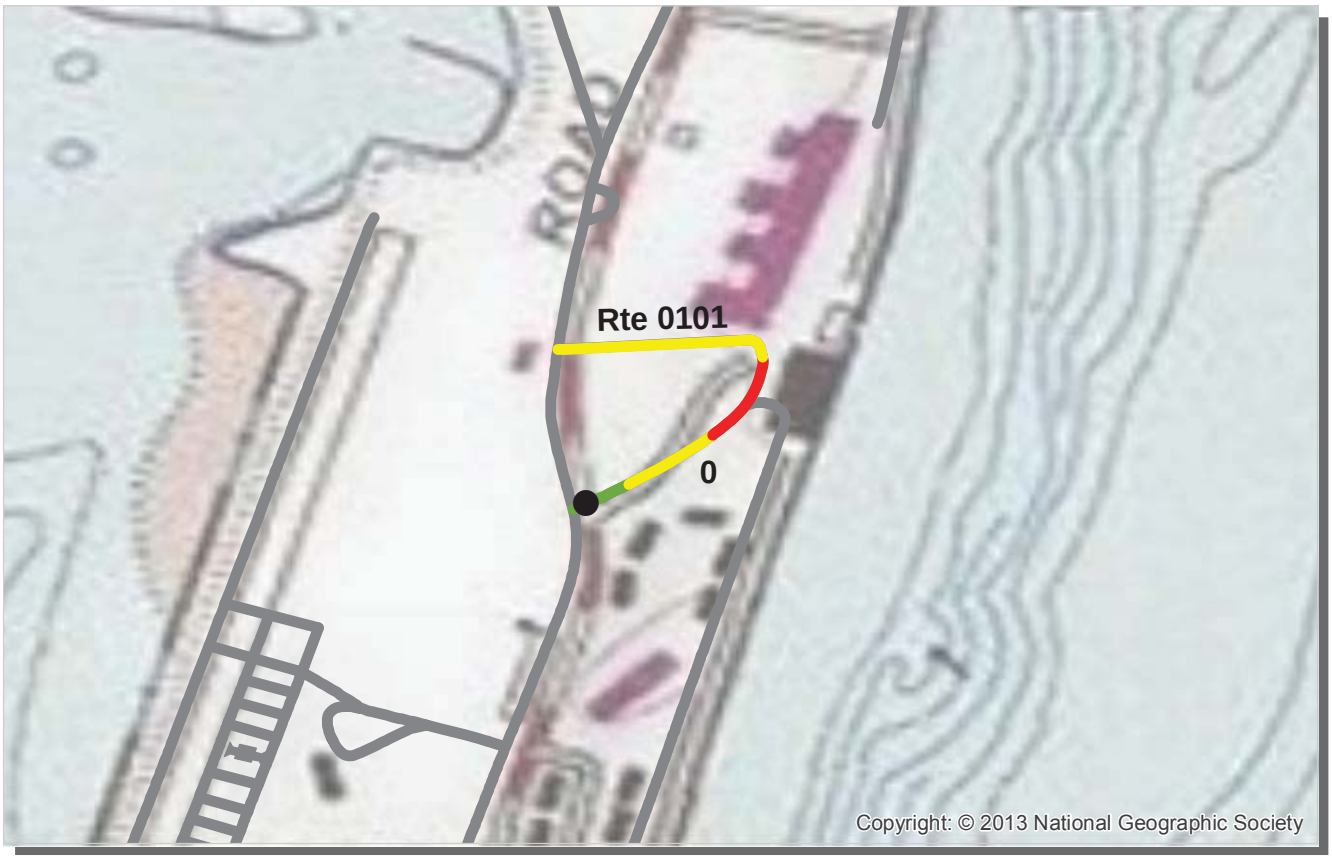
Section Number	0				
Section Length (mi)	0.16				
Cross Section Information					
Number of Lanes	2				
Paved Width (ft)	23				
Lane Width (ft)	12				
Roadway Condition Information					
SCR (Surface Condition Rating)	87				
PCR (Pavement Condition Rating)	87				
Distress Index Values					
Structural Crack Index	87				
Transverse Cracking Index	88				
Patching Index	100				
Rutting Index	92				
Roughness Condition Index (RCI)	NC				

NOTES:

Structural Crack Index is a combination of the Longitudinal Cracking Index and Alligator Cracking Index.

See Section 10 for explanation of SCR, PCR, & all Distress Index Values.

NC - Not Collected N/A - Not Applicable



PCR Poor (0 - 60) Fair (61 - 84) Good (85 - 94) Excellent (95 - 100) No Data

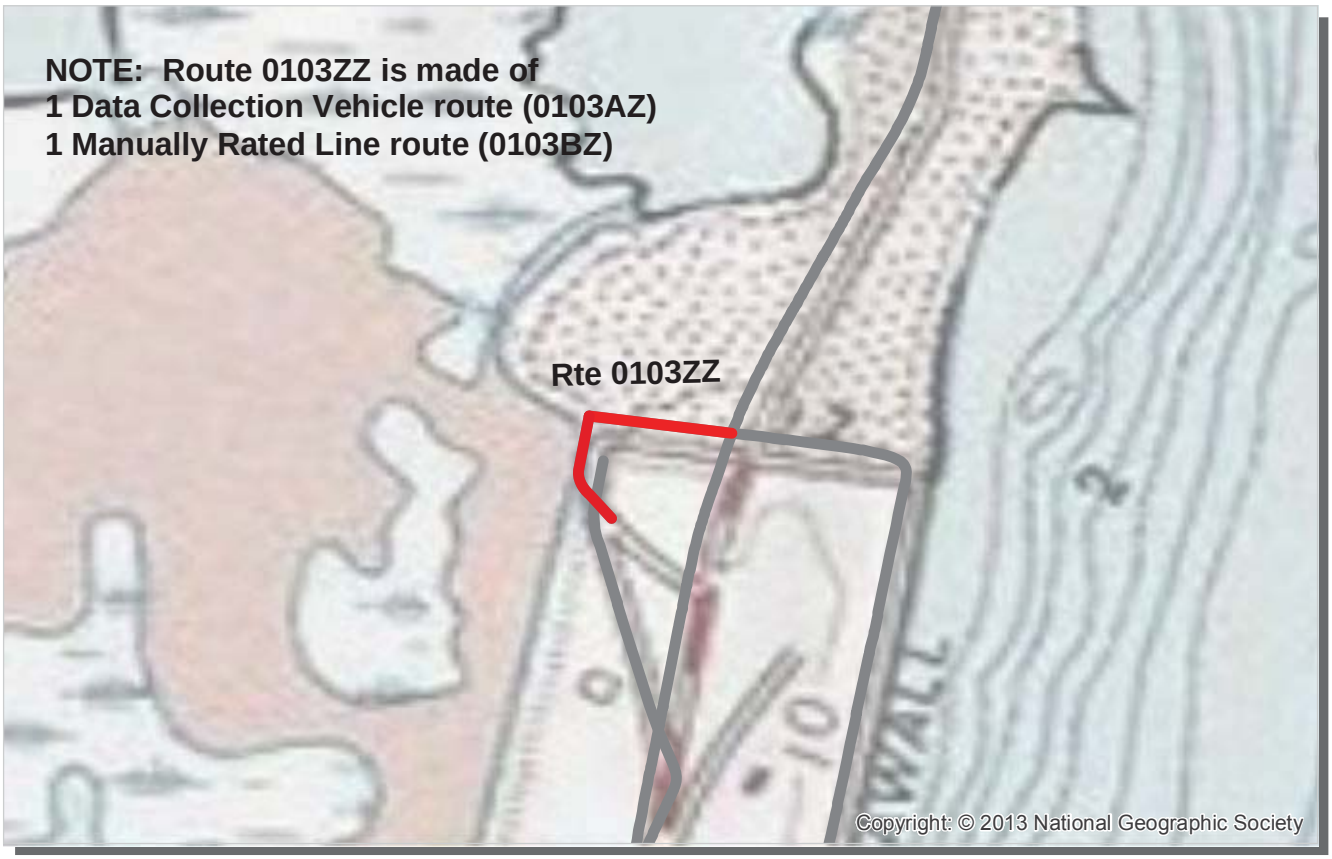
* If the PCR rating is not available for a section, the SCR rating will be displayed. See appendix for definitions and formulas.

ROUTE: 0101 O CLUB ROAD
FOMR : FORT MONROE NATIONAL MONUMENT

COLLECTED: 1/17/2014
NORTHEAST REGION **TOTAL LENGTH: 0.18 Miles**

Section Number	0				
Section Length (mi)	0.18				
Cross Section Information					
Number of Lanes	1				
Paved Width (ft)	19				
Lane Width (ft)	19				
Roadway Condition Information					
SCR (Surface Condition Rating)	73				
PCR (Pavement Condition Rating)	73				
Distress Index Values					
Structural Crack Index	73				
Transverse Cracking Index	75				
Patching Index	100				
Rutting Index	90				
Roughness Condition Index (RCI)	NC				

NOTES:
Structural Crack Index is a combination of the Longitudinal Cracking Index and Alligator Cracking Index.
See Section 10 for explanation of SCR, PCR, & all Distress Index Values.
NC - Not Collected N/A - Not Applicable



PCR Poor (0 - 60) Fair (61 - 84) Good (85 - 94) Excellent (95 - 100) No Data

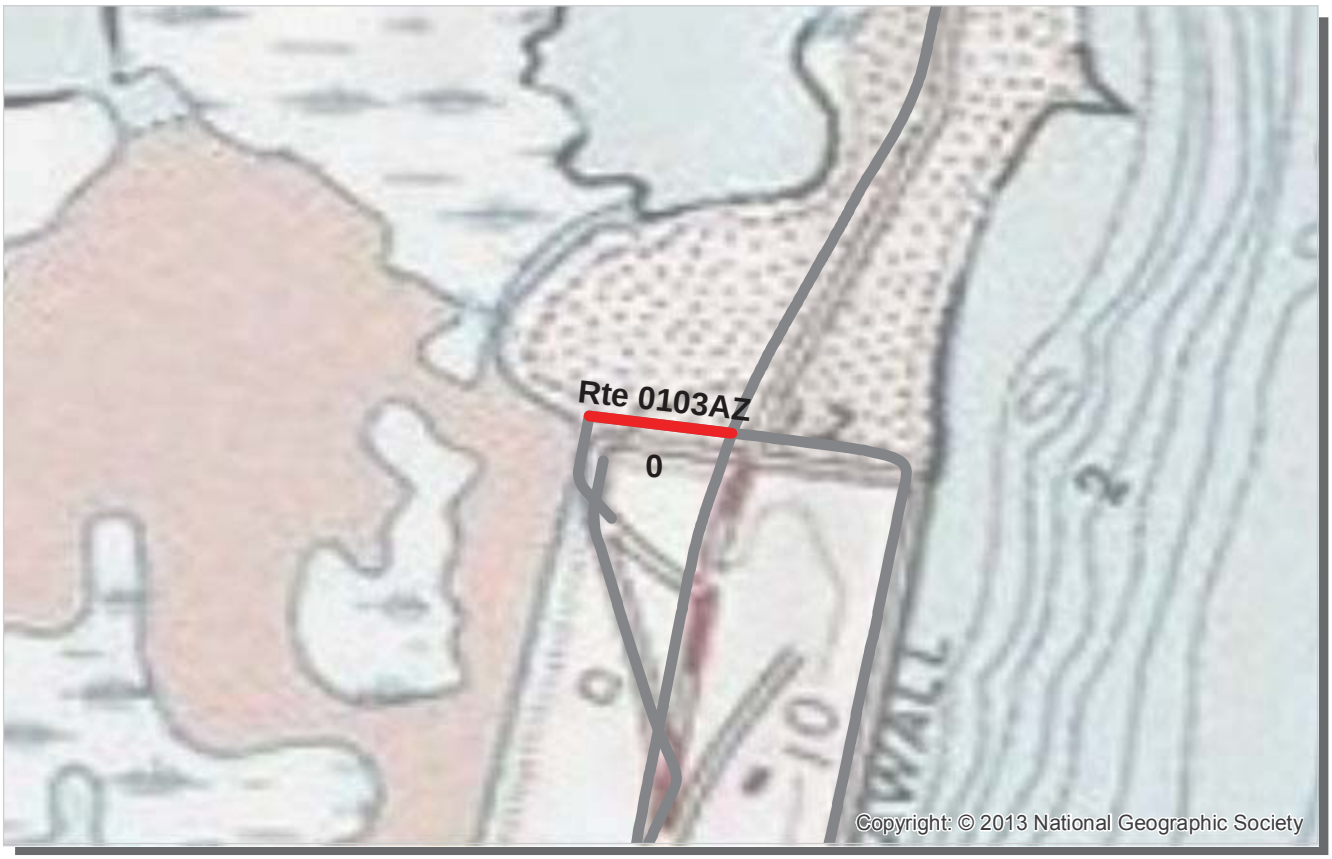
* If the PCR rating is not available for a section, the SCR rating will be displayed. See appendix for definitions and formulas.

ROUTE: 0103ZZ MILL CREEK OVERLOOK ROADS
FOMR : FORT MONROE NATIONAL MONUMENT

Summary Record **COLLECTED: 1/17/2014**
NORTHEAST REGION **TOTAL LENGTH: 0.10 Miles**

Section Number					
Section Length (mi)					
Cross Section Information					
Number of Lanes	N/A				
Paved Width (ft)	N/A				
Lane Width (ft)	N/A				
Roadway Condition Information					
SCR (Surface Condition Rating)	24				
PCR (Pavement Condition Rating)	30				
Distress Index Values					
Structural Crack Index	N/A				
Transverse Cracking Index	N/A				
Patching Index	N/A				
Rutting Index	N/A				
Roughness Condition Index (RCI)	N/A				

NOTES:
Structural Crack Index is a combination of the Longitudinal Cracking Index and Alligator Cracking Index.
See Section 10 for explanation of SCR, PCR, & all Distress Index Values.
NC - Not Collected N/A - Not Applicable



PCR Poor (0 - 60) Fair (61 - 84) Good (85 - 94) Excellent (95 - 100) No Data

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

ROUTE: 0103AZ MILL CREEK OVERLOOK ROAD A
FOMR : FORT MONROE NATIONAL MONUMENT

Subcomponent Record **COLLECTED: 1/17/2014**

NORTHEAST REGION **TOTAL LENGTH: 0.05 Miles**

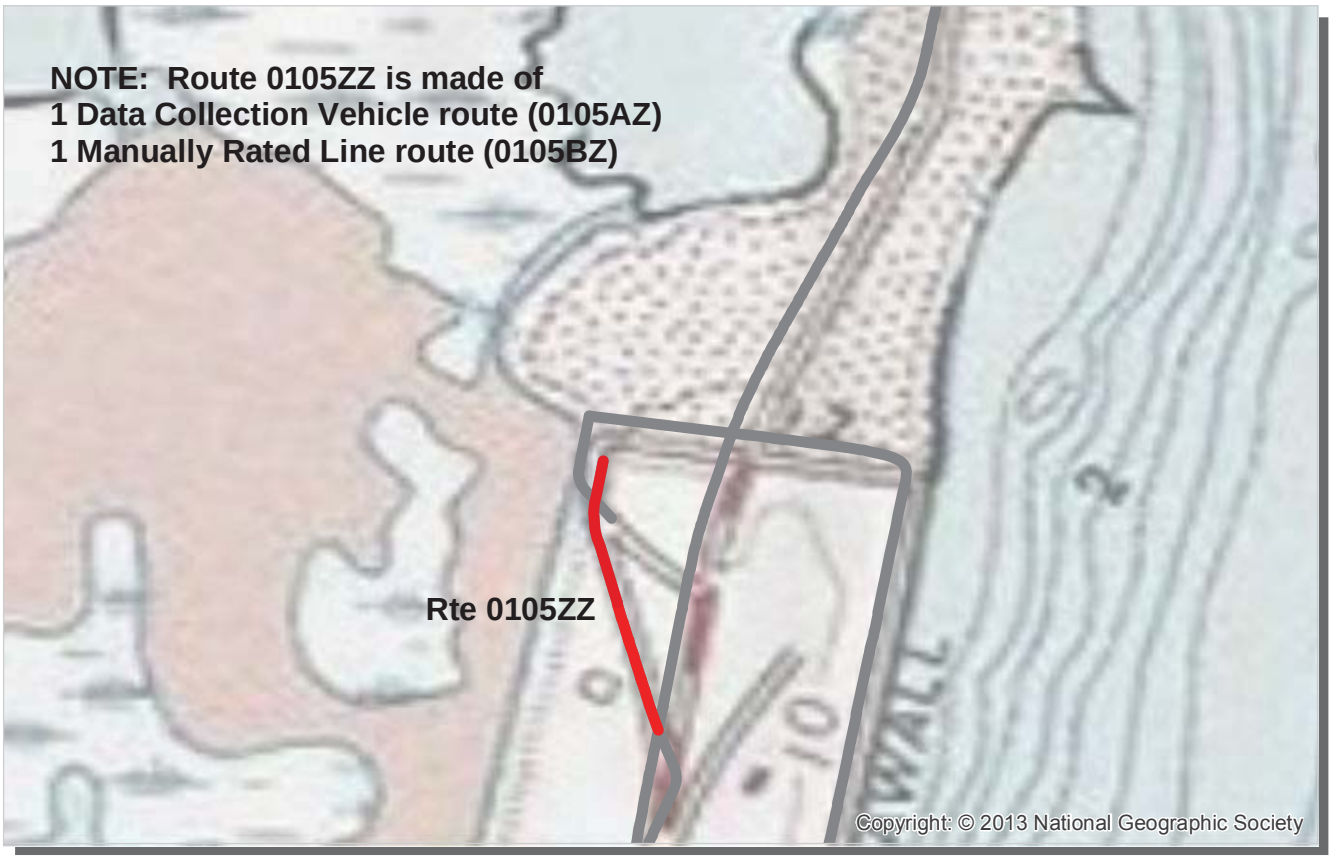
Section Number	0				
Section Length (mi)	0.05				
Cross Section Information					
Number of Lanes	2				
Paved Width (ft)	26				
Lane Width (ft)	13				
Roadway Condition Information					
SCR (Surface Condition Rating)	24				
PCR (Pavement Condition Rating)	24				
Distress Index Values					
Structural Crack Index	24				
Transverse Cracking Index	82				
Patching Index	96				
Rutting Index	85				
Roughness Condition Index (RCI)	NC				

NOTES:

Structural Crack Index is a combination of the Longitudinal Cracking Index and Alligator Cracking Index.

See Section 10 for explanation of SCR, PCR, & all Distress Index Values.

NC - Not Collected N/A - Not Applicable



PCR Poor (0 - 60) Fair (61 - 84) Good (85 - 94) Excellent (95 - 100) No Data

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

ROUTE: 0105ZZ BUILDING 38 ROADS

FOMR : FORT MONROE NATIONAL MONUMENT

Summary Record **COLLECTED: 1/17/2014**

NORTHEAST REGION **TOTAL LENGTH: 0.13 Miles**

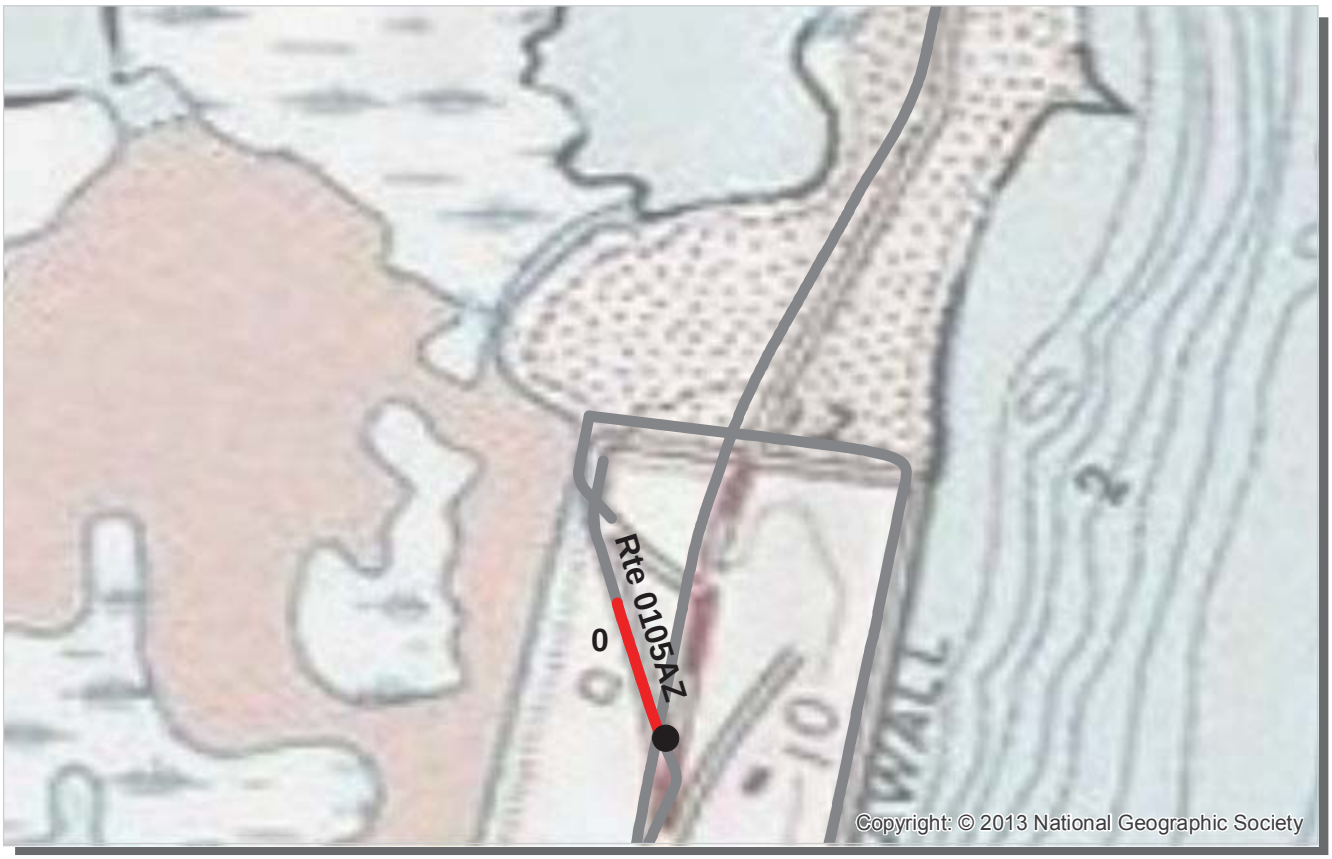
Section Number					
Section Length (mi)					
Cross Section Information					
Number of Lanes	N/A				
Paved Width (ft)	N/A				
Lane Width (ft)	N/A				
Roadway Condition Information					
SCR (Surface Condition Rating)	N/A				
PCR (Pavement Condition Rating)	45				
Distress Index Values					
Structural Crack Index	N/A				
Transverse Cracking Index	N/A				
Patching Index	N/A				
Rutting Index	N/A				
Roughness Condition Index (RCI)	N/A				

NOTES:

Structural Crack Index is a combination of the Longitudinal Cracking Index and Alligator Cracking Index.

See Section 10 for explanation of SCR, PCR, & all Distress Index Values.

NC - Not Collected N/A - Not Applicable



PCR Poor (0 - 60) Fair (61 - 84) Good (85 - 94) Excellent (95 - 100) No Data

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

ROUTE: 0105AZ BUILDING 38 ROAD A

FOMR : FORT MONROE NATIONAL MONUMENT

Subcomponent Record **COLLECTED: 1/17/2014**

NORTHEAST REGION **TOTAL LENGTH: 0.06 Miles**

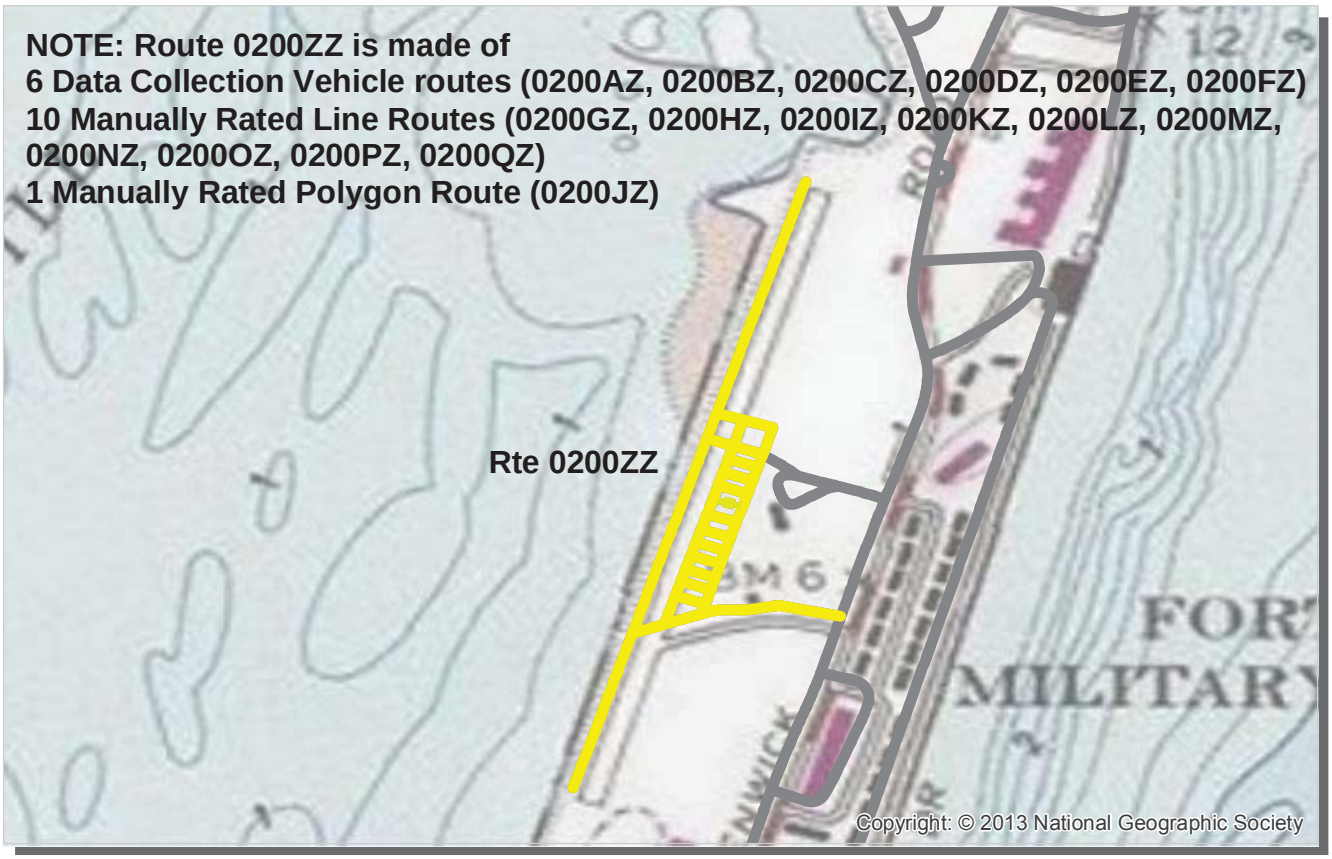
Section Number	0				
Section Length (mi)	0.06				
Cross Section Information					
Number of Lanes	2				
Paved Width (ft)	18				
Lane Width (ft)	9				
Roadway Condition Information					
SCR (Surface Condition Rating)	NC				
PCR (Pavement Condition Rating)	45				
Distress Index Values					
Structural Crack Index	NC				
Transverse Cracking Index	NC				
Patching Index	NC				
Rutting Index	NC				
Roughness Condition Index (RCI)	NC				

NOTES:

Structural Crack Index is a combination of the Longitudinal Cracking Index and Alligator Cracking Index.

See Section 10 for explanation of SCR, PCR, & all Distress Index Values.

NC - Not Collected N/A - Not Applicable



PCR Poor (0 - 60) Fair (61 - 84) Good (85 - 94) Excellent (95 - 100) No Data

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

ROUTE: 0200ZZ WALKER AIRFIELD ROADS

FOMR : FORT MONROE NATIONAL MONUMENT

Summary Record **COLLECTED: 1/17/2014**

NORTHEAST REGION **TOTAL LENGTH: 1.23 Miles**

Section Number					
Section Length (mi)					
Cross Section Information					
Number of Lanes	N/A				
Paved Width (ft)	N/A				
Lane Width (ft)	N/A				
Roadway Condition Information					
SCR (Surface Condition Rating)	87				
PCR (Pavement Condition Rating)	79				
Distress Index Values					
Structural Crack Index	N/A				
Transverse Cracking Index	N/A				
Patching Index	N/A				
Rutting Index	N/A				
Roughness Condition Index (RCI)	N/A				

NOTES:

Structural Crack Index is a combination of the Longitudinal Cracking Index and Alligator Cracking Index.

See Section 10 for explanation of SCR, PCR, & all Distress Index Values.

NC - Not Collected N/A - Not Applicable

PCR Poor (0 - 60) Fair (61 - 84) Good (85 - 94) Excellent (95 - 100) No Data

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

ROUTE: 0200AZ SOUTH WALKER AIRFIELD ACCESS ROAD

FOMR : FORT MONROE NATIONAL MONUMENT

Subcomponent Record **COLLECTED: 1/17/2014**

NORTHEAST REGION **TOTAL LENGTH: 0.13 Miles**

Section Number	0				
Section Length (mi)	0.13				
Cross Section Information					
Number of Lanes	2				
Paved Width (ft)	22				
Lane Width (ft)	11				
Roadway Condition Information					
SCR (Surface Condition Rating)	71				
PCR (Pavement Condition Rating)	71				
Distress Index Values					
Structural Crack Index	82				
Transverse Cracking Index	71				
Patching Index	99				
Rutting Index	95				
Roughness Condition Index (RCI)	NC				

NOTES:

Structural Crack Index is a combination of the Longitudinal Cracking Index and Alligator Cracking Index.

See Section 10 for explanation of SCR, PCR, & all Distress Index Values.

NC - Not Collected N/A - Not Applicable

PCR Poor (0 - 60) Fair (61 - 84) Good (85 - 94) Excellent (95 - 100) No Data

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

ROUTE: 0200BZ WALKER AIRFIELD ROAD 1

FOMR : FORT MONROE NATIONAL MONUMENT

Subcomponent Record **COLLECTED: 1/17/2014**

NORTHEAST REGION **TOTAL LENGTH: 0.15 Miles**

Section Number	0				
Section Length (mi)	0.15				
Cross Section Information					
Number of Lanes	2				
Paved Width (ft)	28				
Lane Width (ft)	14				
Roadway Condition Information					
SCR (Surface Condition Rating)	79				
PCR (Pavement Condition Rating)	79				
Distress Index Values					
Structural Crack Index	94				
Transverse Cracking Index	79				
Patching Index	100				
Rutting Index	97				
Roughness Condition Index (RCI)	NC				

NOTES:

Structural Crack Index is a combination of the Longitudinal Cracking Index and Alligator Cracking Index.

See Section 10 for explanation of SCR, PCR, & all Distress Index Values.

NC - Not Collected N/A - Not Applicable

PCR Poor (0 - 60) Fair (61 - 84) Good (85 - 94) Excellent (95 - 100) No Data

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

ROUTE: 0200CZ WALKER AIRFIELD ROAD 2

FOMR : FORT MONROE NATIONAL MONUMENT

Subcomponent Record **COLLECTED: 1/17/2014**

NORTHEAST REGION **TOTAL LENGTH: 0.17 Miles**

Section Number	0				
Section Length (mi)	0.17				
Cross Section Information					
Number of Lanes	2				
Paved Width (ft)	31				
Lane Width (ft)	15				
Roadway Condition Information					
SCR (Surface Condition Rating)	84				
PCR (Pavement Condition Rating)	84				
Distress Index Values					
Structural Crack Index	86				
Transverse Cracking Index	84				
Patching Index	100				
Rutting Index	92				
Roughness Condition Index (RCI)	NC				

NOTES:

Structural Crack Index is a combination of the Longitudinal Cracking Index and Alligator Cracking Index.

See Section 10 for explanation of SCR, PCR, & all Distress Index Values.

NC - Not Collected N/A - Not Applicable

PCR Poor (0 - 60) Fair (61 - 84) Good (85 - 94) Excellent (95 - 100) No Data

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

ROUTE: 0200DZ WALKER AIRFIELD RUNWAY ROAD
FOMR : FORT MONROE NATIONAL MONUMENT

Subcomponent Record **COLLECTED: 1/17/2014**

NORTHEAST REGION **TOTAL LENGTH: 0.52 Miles**

Section Number	0				
Section Length (mi)	0.52				
Cross Section Information					
Number of Lanes	2				
Paved Width (ft)	50				
Lane Width (ft)	25				
Roadway Condition Information					
SCR (Surface Condition Rating)	93				
PCR (Pavement Condition Rating)	87				
Distress Index Values					
Structural Crack Index	93				
Transverse Cracking Index	93				
Patching Index	99				
Rutting Index	94				
Roughness Condition Index (RCI)	77				

NOTES:

Structural Crack Index is a combination of the Longitudinal Cracking Index and Alligator Cracking Index.

See Section 10 for explanation of SCR, PCR, & all Distress Index Values.

NC - Not Collected N/A - Not Applicable

PCR Poor (0 - 60) Fair (61 - 84) Good (85 - 94) Excellent (95 - 100) No Data

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

ROUTE: 0200EZ WALKER AIRFIELD CUT-THROUGH 1

FOMR : FORT MONROE NATIONAL MONUMENT

Subcomponent Record **COLLECTED: 1/17/2014**

NORTHEAST REGION **TOTAL LENGTH: 0.03 Miles**

Section Number	0				
Section Length (mi)	0.03				
Cross Section Information					
Number of Lanes	2				
Paved Width (ft)	29				
Lane Width (ft)	15				
Roadway Condition Information					
SCR (Surface Condition Rating)	NC				
PCR (Pavement Condition Rating)	73				
Distress Index Values					
Structural Crack Index	NC				
Transverse Cracking Index	NC				
Patching Index	NC				
Rutting Index	NC				
Roughness Condition Index (RCI)	NC				

NOTES:

Structural Crack Index is a combination of the Longitudinal Cracking Index and Alligator Cracking Index.

See Section 10 for explanation of SCR, PCR, & all Distress Index Values.

NC - Not Collected N/A - Not Applicable

PCR Poor (0 - 60) Fair (61 - 84) Good (85 - 94) Excellent (95 - 100) No Data

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

ROUTE: 0200FZ WALKER AIRFIELD CUT-THROUGH 2

FOMR : FORT MONROE NATIONAL MONUMENT

Subcomponent Record **COLLECTED: 1/17/2014**

NORTHEAST REGION **TOTAL LENGTH: 0.03 Miles**

Section Number	0				
Section Length (mi)	0.03				
Cross Section Information					
Number of Lanes	2				
Paved Width (ft)	34				
Lane Width (ft)	17				
Roadway Condition Information					
SCR (Surface Condition Rating)	30				
PCR (Pavement Condition Rating)	30				
Distress Index Values					
Structural Crack Index	36				
Transverse Cracking Index	30				
Patching Index	100				
Rutting Index	85				
Roughness Condition Index (RCI)	NC				

NOTES:

Structural Crack Index is a combination of the Longitudinal Cracking Index and Alligator Cracking Index.

See Section 10 for explanation of SCR, PCR, & all Distress Index Values.

NC - Not Collected N/A - Not Applicable

PCR Poor (0 - 60) Fair (61 - 84) Good (85 - 94) Excellent (95 - 100) No Data

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

ROUTE: 0201ZZ BUILDING 248 ROADS

FOMR : FORT MONROE NATIONAL MONUMENT

Summary Record **COLLECTED: 1/17/2014**

NORTHEAST REGION **TOTAL LENGTH: 0.14 Miles**

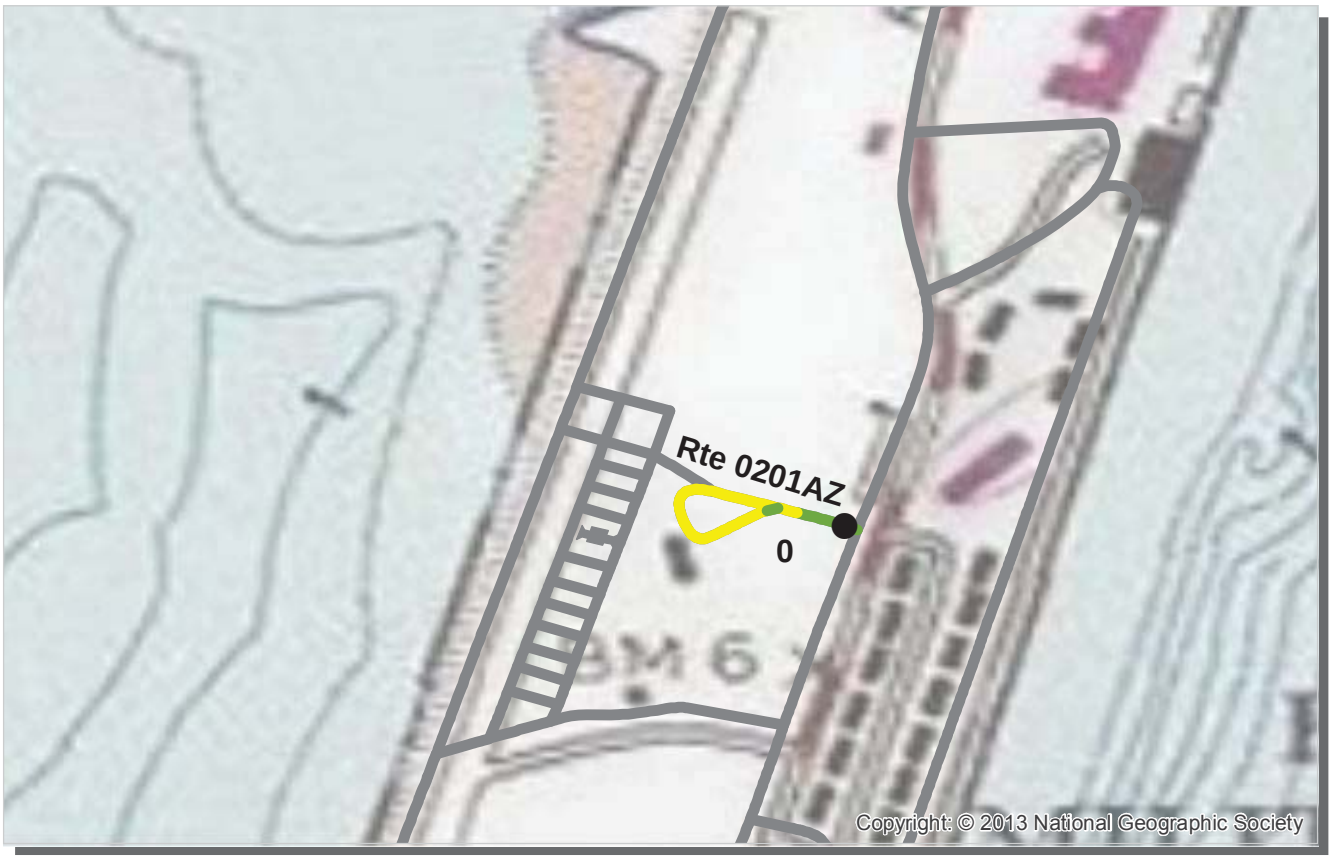
Section Number					
Section Length (mi)					
Cross Section Information					
Number of Lanes	N/A				
Paved Width (ft)	N/A				
Lane Width (ft)	N/A				
Roadway Condition Information					
SCR (Surface Condition Rating)	79				
PCR (Pavement Condition Rating)	79				
Distress Index Values					
Structural Crack Index	N/A				
Transverse Cracking Index	N/A				
Patching Index	N/A				
Rutting Index	N/A				
Roughness Condition Index (RCI)	N/A				

NOTES:

Structural Crack Index is a combination of the Longitudinal Cracking Index and Alligator Cracking Index.

See Section 10 for explanation of SCR, PCR, & all Distress Index Values.

NC - Not Collected N/A - Not Applicable



PCR Poor (0 - 60) Fair (61 - 84) Good (85 - 94) Excellent (95 - 100) No Data

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

ROUTE: 0201AZ BUILDING 248 ROAD A

FOMR : FORT MONROE NATIONAL MONUMENT

Subcomponent Record **COLLECTED: 1/17/2014**

NORTHEAST REGION **TOTAL LENGTH: 0.12 Miles**

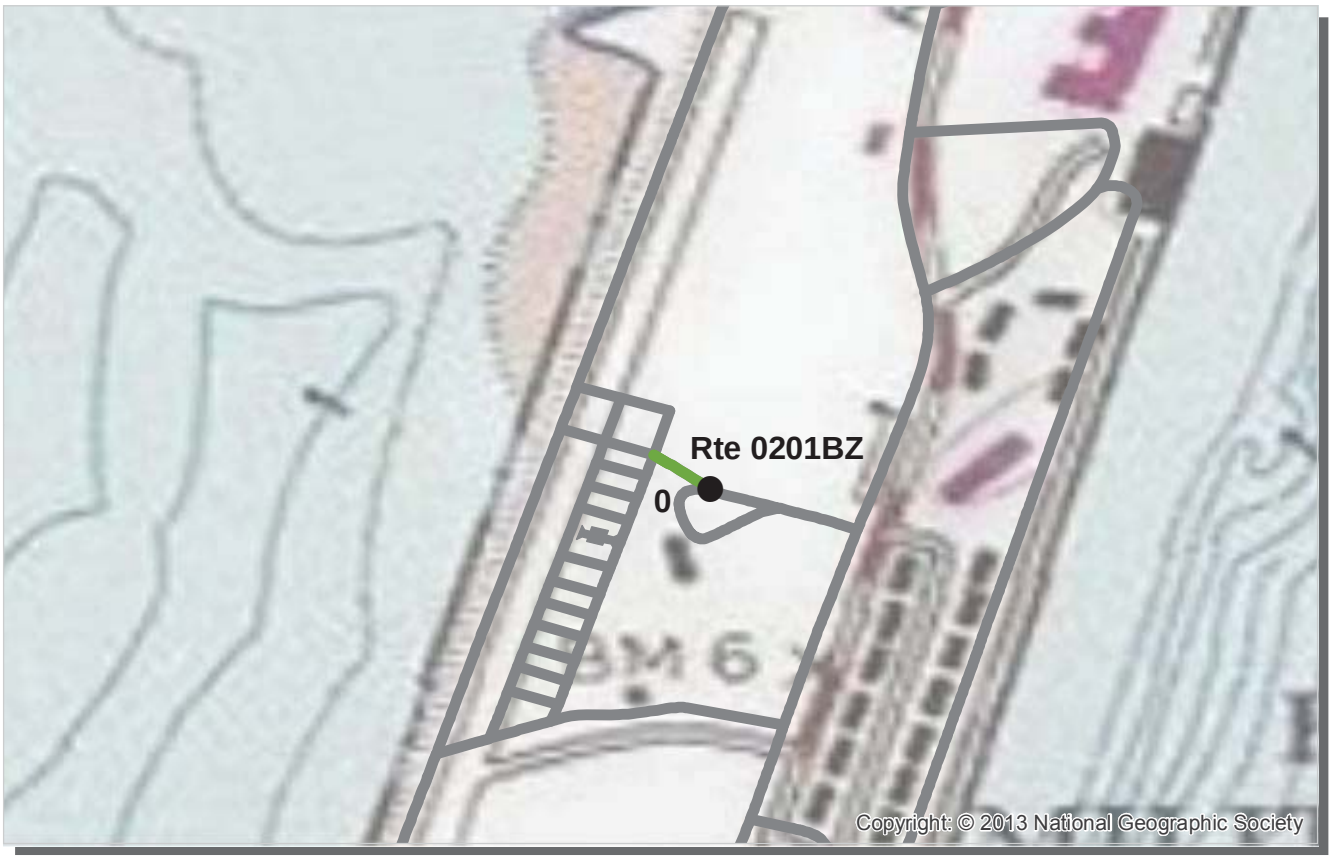
Section Number	0				
Section Length (mi)	0.12				
Cross Section Information					
Number of Lanes	1				
Paved Width (ft)	12				
Lane Width (ft)	12				
Roadway Condition Information					
SCR (Surface Condition Rating)	77				
PCR (Pavement Condition Rating)	77				
Distress Index Values					
Structural Crack Index	97				
Transverse Cracking Index	77				
Patching Index	99				
Rutting Index	97				
Roughness Condition Index (RCI)	NC				

NOTES:

Structural Crack Index is a combination of the Longitudinal Cracking Index and Alligator Cracking Index.

See Section 10 for explanation of SCR, PCR, & all Distress Index Values.

NC - Not Collected N/A - Not Applicable



PCR Poor (0 - 60) Fair (61 - 84) Good (85 - 94) Excellent (95 - 100) No Data

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

ROUTE: 0201BZ BUILDING 248 ROAD B

FOMR : FORT MONROE NATIONAL MONUMENT

Subcomponent Record **COLLECTED: 1/17/2014**

NORTHEAST REGION **TOTAL LENGTH: 0.02 Miles**

Section Number	0				
Section Length (mi)	0.02				
Cross Section Information					
Number of Lanes	1				
Paved Width (ft)	11				
Lane Width (ft)	11				
Roadway Condition Information					
SCR (Surface Condition Rating)	92				
PCR (Pavement Condition Rating)	92				
Distress Index Values					
Structural Crack Index	93				
Transverse Cracking Index	92				
Patching Index	100				
Rutting Index	96				
Roughness Condition Index (RCI)	NC				

NOTES:

Structural Crack Index is a combination of the Longitudinal Cracking Index and Alligator Cracking Index.

See Section 10 for explanation of SCR, PCR, & all Distress Index Values.

NC - Not Collected N/A - Not Applicable

PCR Poor (0 - 60) Fair (61 - 84) Good (85 - 94) Excellent (95 - 100) No Data

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

ROUTE: 0202 THE COLONIES TRAVEL RESORT ROAD
FOMR : FORT MONROE NATIONAL MONUMENT

COLLECTED: 1/17/2014

NORTHEAST REGION **TOTAL LENGTH: 0.31 Miles**

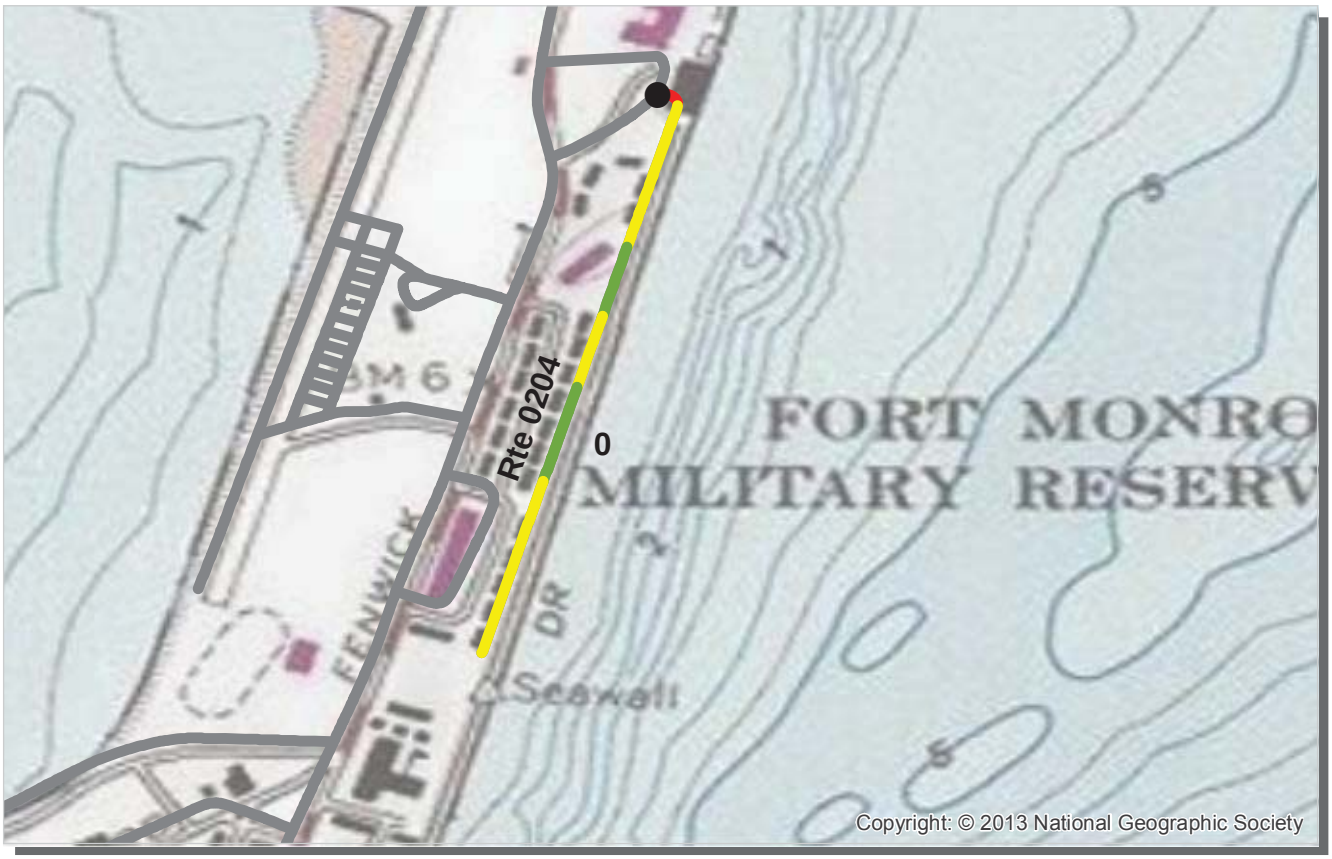
Section Number	0				
Section Length (mi)	0.31				
Cross Section Information					
Number of Lanes	1				
Paved Width (ft)	15				
Lane Width (ft)	15				
Roadway Condition Information					
SCR (Surface Condition Rating)	84				
PCR (Pavement Condition Rating)	84				
Distress Index Values					
Structural Crack Index	95				
Transverse Cracking Index	84				
Patching Index	99				
Rutting Index	95				
Roughness Condition Index (RCI)	NC				

NOTES:

Structural Crack Index is a combination of the Longitudinal Cracking Index and Alligator Cracking Index.

See Section 10 for explanation of SCR, PCR, & all Distress Index Values.

NC - Not Collected N/A - Not Applicable



PCR Poor (0 - 60) Fair (61 - 84) Good (85 - 94) Excellent (95 - 100) No Data

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

ROUTE: 0204 GULLICK DRIVE SOUTH SECTION
FOMR : FORT MONROE NATIONAL MONUMENT

COLLECTED: 1/17/2014

NORTHEAST REGION **TOTAL LENGTH: 0.49 Miles**

Section Number	0				
Section Length (mi)	0.49				
Cross Section Information					
Number of Lanes	2				
Paved Width (ft)	27				
Lane Width (ft)	14				
Roadway Condition Information					
SCR (Surface Condition Rating)	76				
PCR (Pavement Condition Rating)	76				
Distress Index Values					
Structural Crack Index	89				
Transverse Cracking Index	76				
Patching Index	100				
Rutting Index	100				
Roughness Condition Index (RCI)	NC				

NOTES:

Structural Crack Index is a combination of the Longitudinal Cracking Index and Alligator Cracking Index.

See Section 10 for explanation of SCR, PCR, & all Distress Index Values.

NC - Not Collected N/A - Not Applicable

PCR Poor (0 - 60) Fair (61 - 84) Good (85 - 94) Excellent (95 - 100) No Data

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

ROUTE: 0205 GULLICK DRIVE NORTH SECTION
FOMR : FORT MONROE NATIONAL MONUMENT

COLLECTED: 1/17/2014

NORTHEAST REGION **TOTAL LENGTH: 0.43 Miles**

Section Number	0				
Section Length (mi)	0.43				
Cross Section Information					
Number of Lanes	2				
Paved Width (ft)	29				
Lane Width (ft)	14				
Roadway Condition Information					
SCR (Surface Condition Rating)	0				
PCR (Pavement Condition Rating)	0				
Distress Index Values					
Structural Crack Index	30				
Transverse Cracking Index	0				
Patching Index	90				
Rutting Index	93				
Roughness Condition Index (RCI)	NC				

NOTES:

Structural Crack Index is a combination of the Longitudinal Cracking Index and Alligator Cracking Index.

See Section 10 for explanation of SCR, PCR, & all Distress Index Values.

NC - Not Collected N/A - Not Applicable

PCR Poor (0 - 60) Fair (61 - 84) Good (85 - 94) Excellent (95 - 100) No Data

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

ROUTE: 0206 SHELTER 5 ROAD
FOMR : FORT MONROE NATIONAL MONUMENT

COLLECTED: 1/17/2014

NORTHEAST REGION **TOTAL LENGTH: 0.08 Miles**

Section Number	0				
Section Length (mi)	0.08				
Cross Section Information					
Number of Lanes	2				
Paved Width (ft)	18				
Lane Width (ft)	9				
Roadway Condition Information					
SCR (Surface Condition Rating)	83				
PCR (Pavement Condition Rating)	83				
Distress Index Values					
Structural Crack Index	87				
Transverse Cracking Index	83				
Patching Index	100				
Rutting Index	97				
Roughness Condition Index (RCI)	NC				

NOTES:

Structural Crack Index is a combination of the Longitudinal Cracking Index and Alligator Cracking Index.

See Section 10 for explanation of SCR, PCR, & all Distress Index Values.

NC - Not Collected N/A - Not Applicable

PCR Poor (0 - 60) Fair (61 - 84) Good (85 - 94) Excellent (95 - 100) No Data

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

ROUTE: 5002 PATCH ROAD

FOMR : FORT MONROE NATIONAL MONUMENT

COLLECTED: 1/17/2014

NORTHEAST REGION **TOTAL LENGTH: 0.62 Miles**

Section Number	0				
Section Length (mi)	0.62				
Cross Section Information					
Number of Lanes	2				
Paved Width (ft)	25				
Lane Width (ft)	12				
Roadway Condition Information					
SCR (Surface Condition Rating)	79				
PCR (Pavement Condition Rating)	74				
Distress Index Values					
Structural Crack Index	95				
Transverse Cracking Index	79				
Patching Index	100				
Rutting Index	98				
Roughness Condition Index (RCI)	66				

NOTES:

Structural Crack Index is a combination of the Longitudinal Cracking Index and Alligator Cracking Index.

See Section 10 for explanation of SCR, PCR, & all Distress Index Values.

NC - Not Collected N/A - Not Applicable

PCR Poor (0 - 60) Fair (61 - 84) Good (85 - 94) Excellent (95 - 100) No Data

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

ROUTE: 5003 GRIFFITH STREET
FOMR : FORT MONROE NATIONAL MONUMENT

COLLECTED: 1/17/2014

NORTHEAST REGION **TOTAL LENGTH: 0.17 Miles**

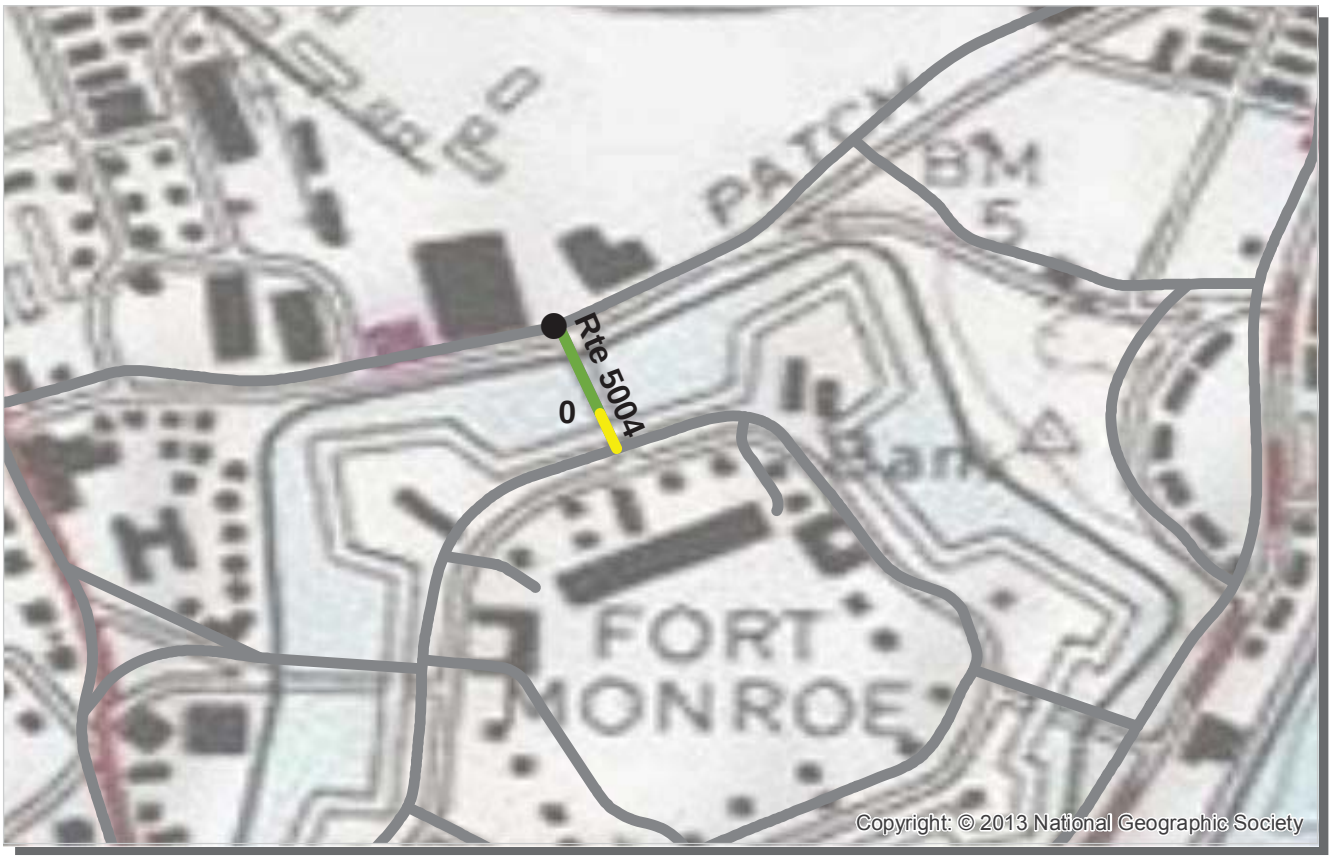
Section Number	0				
Section Length (mi)	0.17				
Cross Section Information					
Number of Lanes	2				
Paved Width (ft)	22				
Lane Width (ft)	11				
Roadway Condition Information					
SCR (Surface Condition Rating)	88				
PCR (Pavement Condition Rating)	88				
Distress Index Values					
Structural Crack Index	96				
Transverse Cracking Index	88				
Patching Index	96				
Rutting Index	96				
Roughness Condition Index (RCI)	NC				

NOTES:

Structural Crack Index is a combination of the Longitudinal Cracking Index and Alligator Cracking Index.

See Section 10 for explanation of SCR, PCR, & all Distress Index Values.

NC - Not Collected N/A - Not Applicable



PCR Poor (0 - 60) Fair (61 - 84) Good (85 - 94) Excellent (95 - 100) No Data

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

ROUTE: 5004 NORTH GATE
FOMR : FORT MONROE NATIONAL MONUMENT

COLLECTED: 1/17/2014

NORTHEAST REGION **TOTAL LENGTH: 0.06 Miles**

Section Number	0				
Section Length (mi)	0.06				
Cross Section Information					
Number of Lanes	1				
Paved Width (ft)	10				
Lane Width (ft)	10				
Roadway Condition Information					
SCR (Surface Condition Rating)	NC				
PCR (Pavement Condition Rating)	78				
Distress Index Values					
Structural Crack Index	NC				
Transverse Cracking Index	NC				
Patching Index	NC				
Rutting Index	NC				
Roughness Condition Index (RCI)	NC				

NOTES:

Structural Crack Index is a combination of the Longitudinal Cracking Index and Alligator Cracking Index.

See Section 10 for explanation of SCR, PCR, & all Distress Index Values.

NC - Not Collected N/A - Not Applicable

PCR Poor (0 - 60) Fair (61 - 84) Good (85 - 94) Excellent (95 - 100) No Data

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

ROUTE: 5005A MAIN GATE
FOMR : FORT MONROE NATIONAL MONUMENT

COLLECTED: 1/17/2014
NORTHEAST REGION **TOTAL LENGTH: 0.12 Miles**

Section Number	0				
Section Length (mi)	0.12				
Cross Section Information					
Number of Lanes	2				
Paved Width (ft)	25				
Lane Width (ft)	12				
Roadway Condition Information					
SCR (Surface Condition Rating)	58				
PCR (Pavement Condition Rating)	58				
Distress Index Values					
Structural Crack Index	76				
Transverse Cracking Index	58				
Patching Index	97				
Rutting Index	87				
Roughness Condition Index (RCI)	NC				

NOTES:
Structural Crack Index is a combination of the Longitudinal Cracking Index and Alligator Cracking Index.
See Section 10 for explanation of SCR, PCR, & all Distress Index Values.
NC - Not Collected N/A - Not Applicable

PCR Poor (0 - 60) Fair (61 - 84) Good (85 - 94) Excellent (95 - 100) No Data

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

ROUTE: 5005B MAIN GATE SPUR / INGALLS ROAD
FOMR : FORT MONROE NATIONAL MONUMENT

COLLECTED: 1/17/2014

NORTHEAST REGION **TOTAL LENGTH: 0.08 Miles**

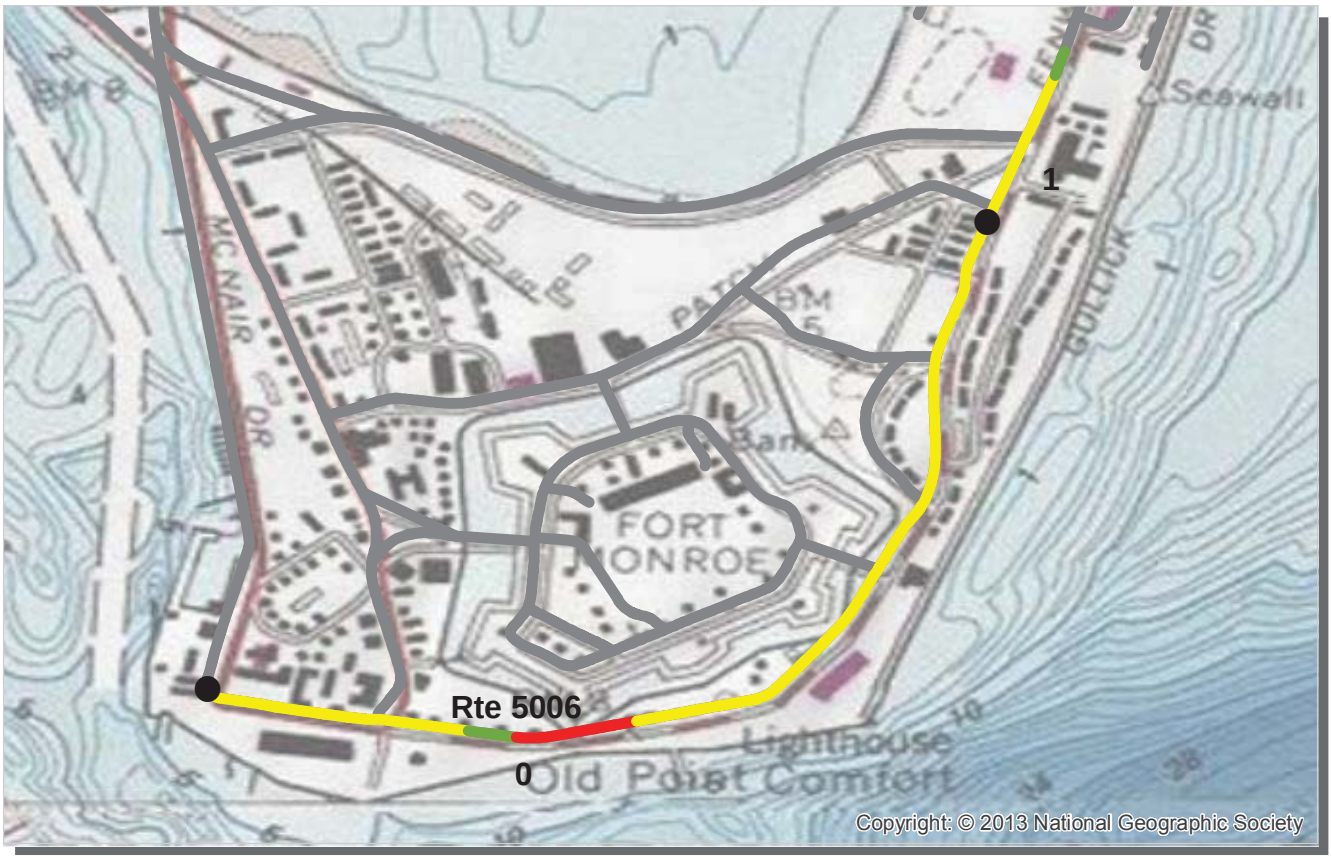
Section Number	0				
Section Length (mi)	0.08				
Cross Section Information					
Number of Lanes	2				
Paved Width (ft)	17				
Lane Width (ft)	8				
Roadway Condition Information					
SCR (Surface Condition Rating)	55				
PCR (Pavement Condition Rating)	55				
Distress Index Values					
Structural Crack Index	58				
Transverse Cracking Index	55				
Patching Index	96				
Rutting Index	92				
Roughness Condition Index (RCI)	NC				

NOTES:

Structural Crack Index is a combination of the Longitudinal Cracking Index and Alligator Cracking Index.

See Section 10 for explanation of SCR, PCR, & all Distress Index Values.

NC - Not Collected N/A - Not Applicable



PCR Poor (0 - 60) Fair (61 - 84) Good (85 - 94) Excellent (95 - 100) No Data

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

ROUTE: 5006 FENWICK ROAD (NON NPS)
FOMR : FORT MONROE NATIONAL MONUMENT

COLLECTED: 1/17/2014

NORTHEAST REGION **TOTAL LENGTH: 1.19 Miles**

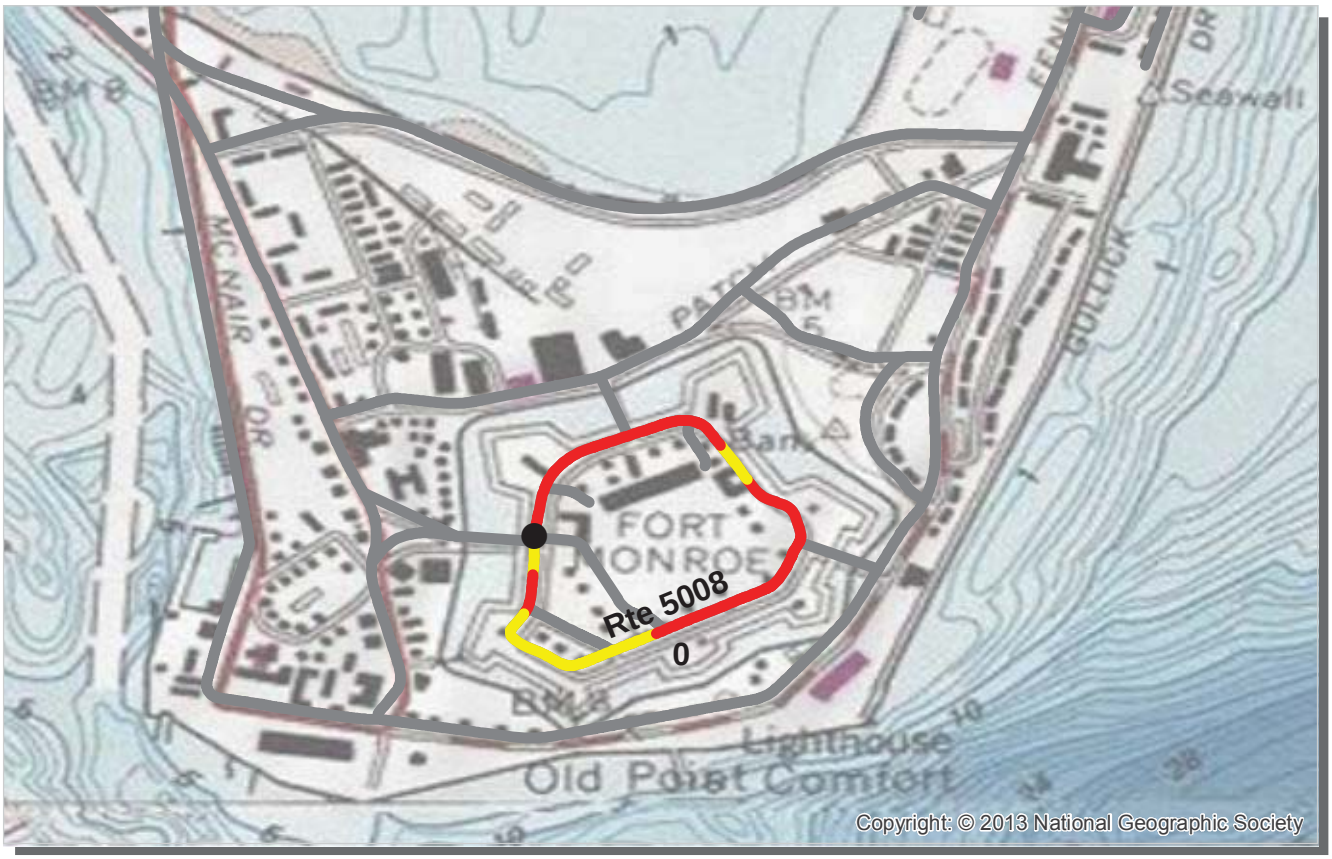
Section Number	0	1			
Section Length (mi)	1.00	0.19			
Cross Section Information					
Number of Lanes	2	2			
Paved Width (ft)	24	22			
Lane Width (ft)	12	11			
Roadway Condition Information					
SCR (Surface Condition Rating)	71	73			
PCR (Pavement Condition Rating)	71	77			
Distress Index Values					
Structural Crack Index	88	91			
Transverse Cracking Index	71	73			
Patching Index	98	100			
Rutting Index	97	99			
Roughness Condition Index (RCI)	72	82			

NOTES:

Structural Crack Index is a combination of the Longitudinal Cracking Index and Alligator Cracking Index.

See Section 10 for explanation of SCR, PCR, & all Distress Index Values.

NC - Not Collected N/A - Not Applicable



PCR Poor (0 - 60) Fair (61 - 84) Good (85 - 94) Excellent (95 - 100) No Data

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

ROUTE: 5008 BERNARD ROAD
FOMR : FORT MONROE NATIONAL MONUMENT

COLLECTED: 1/17/2014

NORTHEAST REGION **TOTAL LENGTH: 0.75 Miles**

Section Number	0				
Section Length (mi)	0.75				
Cross Section Information					
Number of Lanes	2				
Paved Width (ft)	20				
Lane Width (ft)	10				
Roadway Condition Information					
SCR (Surface Condition Rating)	53				
PCR (Pavement Condition Rating)	53				
Distress Index Values					
Structural Crack Index	81				
Transverse Cracking Index	53				
Patching Index	99				
Rutting Index	94				
Roughness Condition Index (RCI)	NC				

NOTES:

Structural Crack Index is a combination of the Longitudinal Cracking Index and Alligator Cracking Index.

See Section 10 for explanation of SCR, PCR, & all Distress Index Values.

NC - Not Collected N/A - Not Applicable

PCR Poor (0 - 60) Fair (61 - 84) Good (85 - 94) Excellent (95 - 100) No Data

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

ROUTE: 5009A PARADE GROUND PARKING WEST ACCESS ROAD
FOMR : FORT MONROE NATIONAL MONUMENT

COLLECTED: 1/17/2014

NORTHEAST REGION **TOTAL LENGTH: 0.04 Miles**

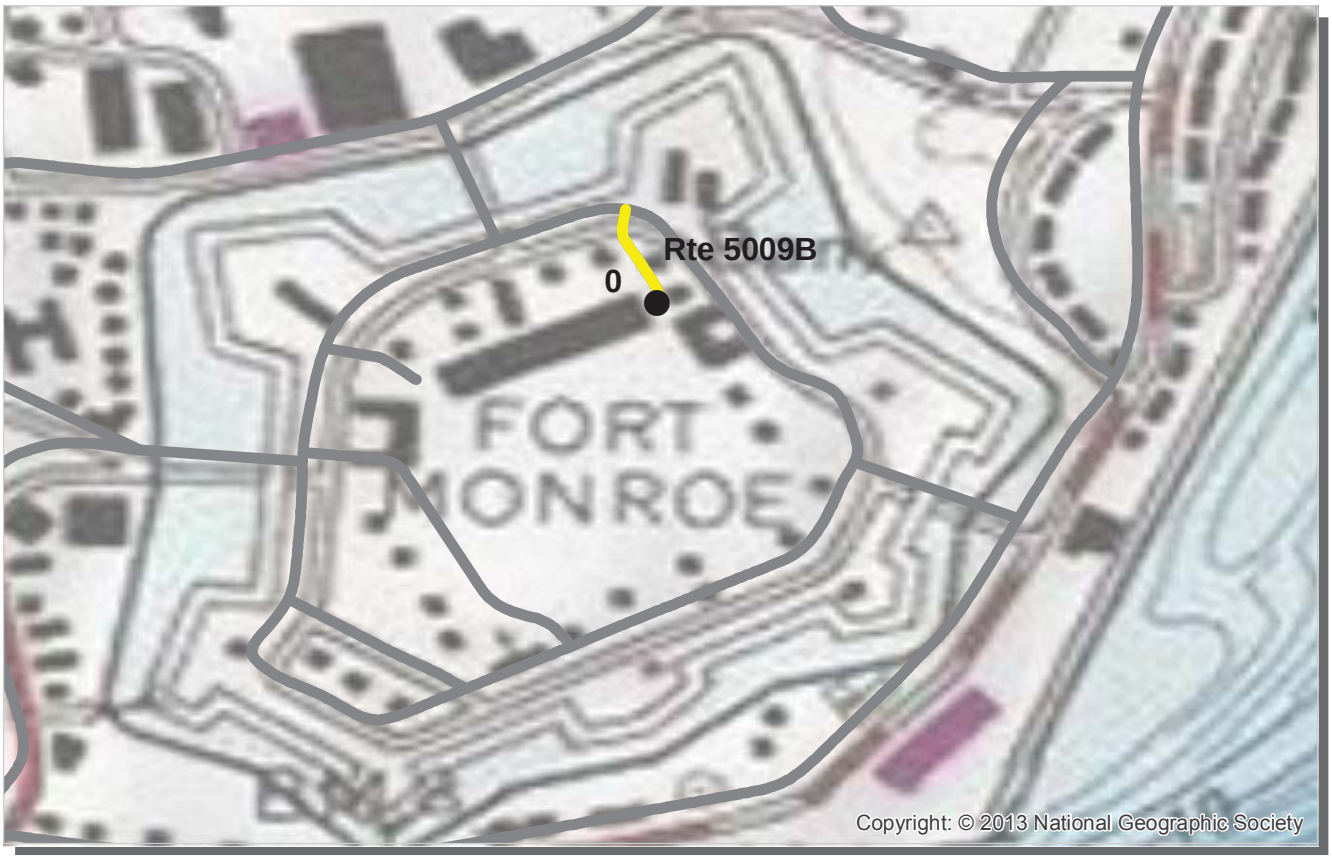
Section Number	0				
Section Length (mi)	0.04				
Cross Section Information					
Number of Lanes	1				
Paved Width (ft)	14				
Lane Width (ft)	14				
Roadway Condition Information					
SCR (Surface Condition Rating)	44				
PCR (Pavement Condition Rating)	44				
Distress Index Values					
Structural Crack Index	70				
Transverse Cracking Index	44				
Patching Index	95				
Rutting Index	92				
Roughness Condition Index (RCI)	NC				

NOTES:

Structural Crack Index is a combination of the Longitudinal Cracking Index and Alligator Cracking Index.

See Section 10 for explanation of SCR, PCR, & all Distress Index Values.

NC - Not Collected N/A - Not Applicable



PCR Poor (0 - 60) Fair (61 - 84) Good (85 - 94) Excellent (95 - 100) No Data

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

ROUTE: 5009B PARADE GROUND PARKING EAST ACCESS ROAD
FOMR : FORT MONROE NATIONAL MONUMENT

COLLECTED: 1/17/2014

NORTHEAST REGION **TOTAL LENGTH: 0.04 Miles**

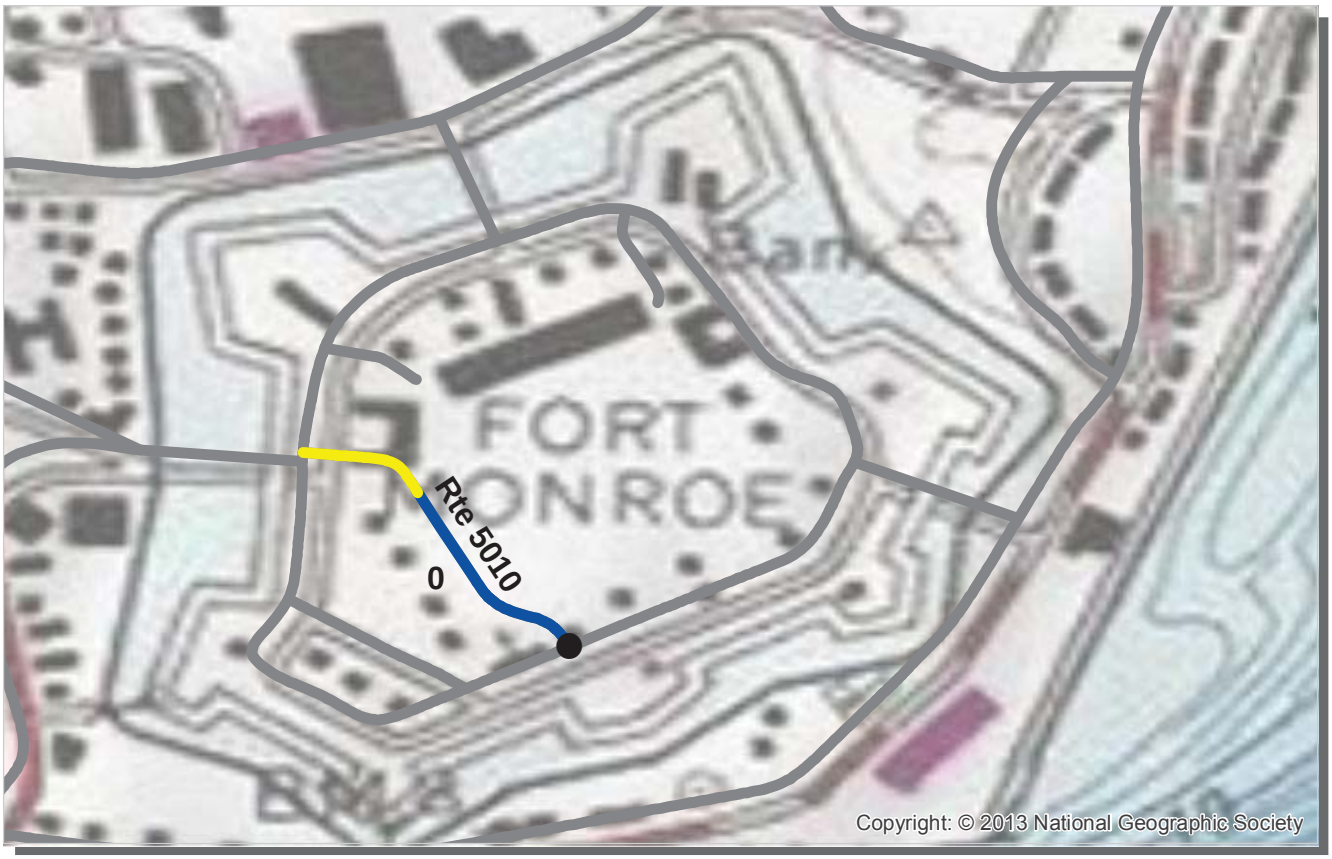
Section Number	0				
Section Length (mi)	0.04				
Cross Section Information					
Number of Lanes	2				
Paved Width (ft)	17				
Lane Width (ft)	9				
Roadway Condition Information					
SCR (Surface Condition Rating)	62				
PCR (Pavement Condition Rating)	62				
Distress Index Values					
Structural Crack Index	71				
Transverse Cracking Index	62				
Patching Index	93				
Rutting Index	86				
Roughness Condition Index (RCI)	NC				

NOTES:

Structural Crack Index is a combination of the Longitudinal Cracking Index and Alligator Cracking Index.

See Section 10 for explanation of SCR, PCR, & all Distress Index Values.

NC - Not Collected N/A - Not Applicable



PCR Poor (0 - 60) Fair (61 - 84) Good (85 - 94) Excellent (95 - 100) No Data

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

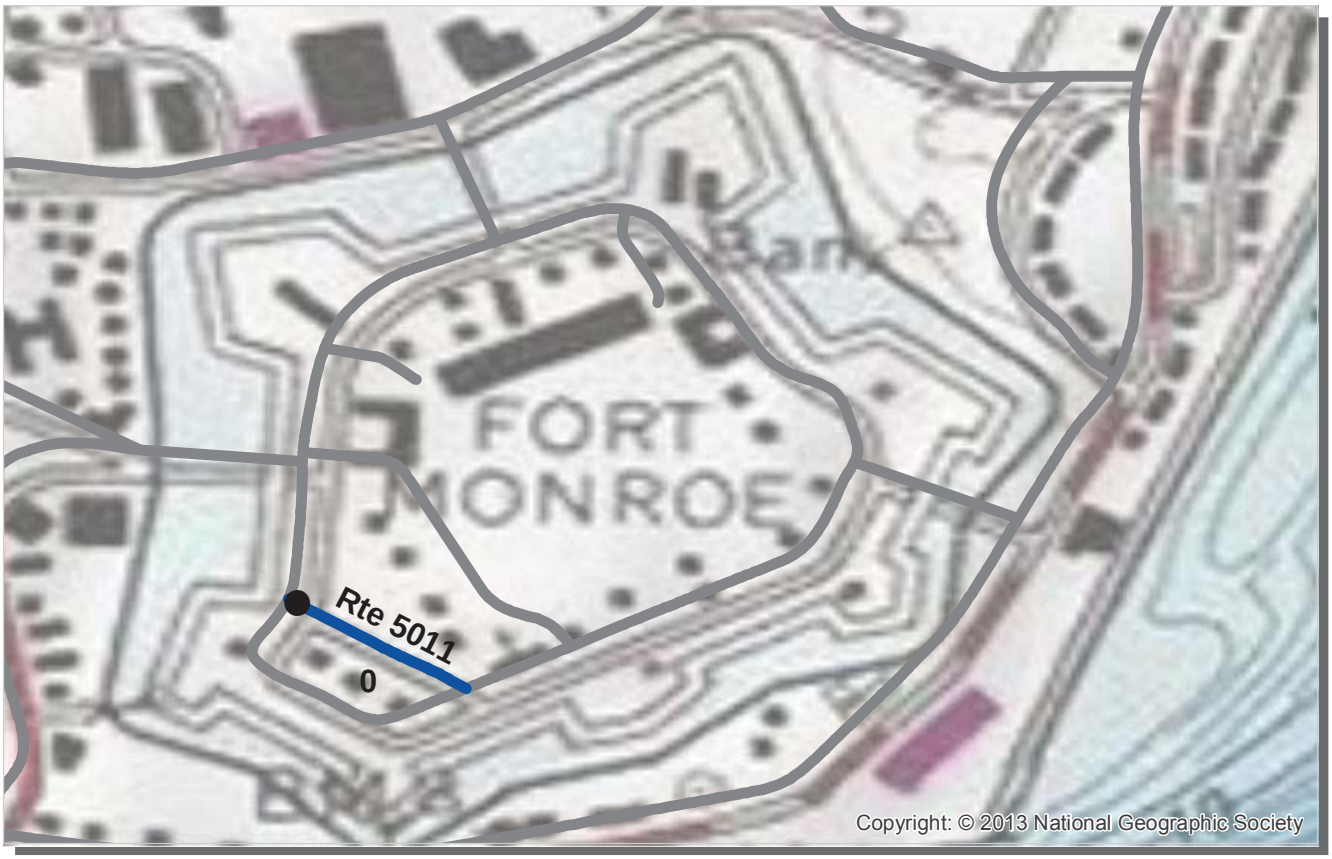
ROUTE: 5010 RUCKMAN ROAD
FOMR : FORT MONROE NATIONAL MONUMENT

COLLECTED: 1/17/2014

NORTHEAST REGION **TOTAL LENGTH: 0.15 Miles**

Section Number	0				
Section Length (mi)	0.15				
Cross Section Information					
Number of Lanes	2				
Paved Width (ft)	20				
Lane Width (ft)	10				
Roadway Condition Information					
SCR (Surface Condition Rating)	92				
PCR (Pavement Condition Rating)	92				
Distress Index Values					
Structural Crack Index	98				
Transverse Cracking Index	97				
Patching Index	99				
Rutting Index	92				
Roughness Condition Index (RCI)	NC				

NOTES:
Structural Crack Index is a combination of the Longitudinal Cracking Index and Alligator Cracking Index.
See Section 10 for explanation of SCR, PCR, & all Distress Index Values.
NC - Not Collected N/A - Not Applicable



PCR Poor (0 - 60) Fair (61 - 84) Good (85 - 94) Excellent (95 - 100) No Data

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

ROUTE: 5011 MATHEWS LANE
FOMR : FORT MONROE NATIONAL MONUMENT

COLLECTED: 1/17/2014

NORTHEAST REGION **TOTAL LENGTH: 0.07 Miles**

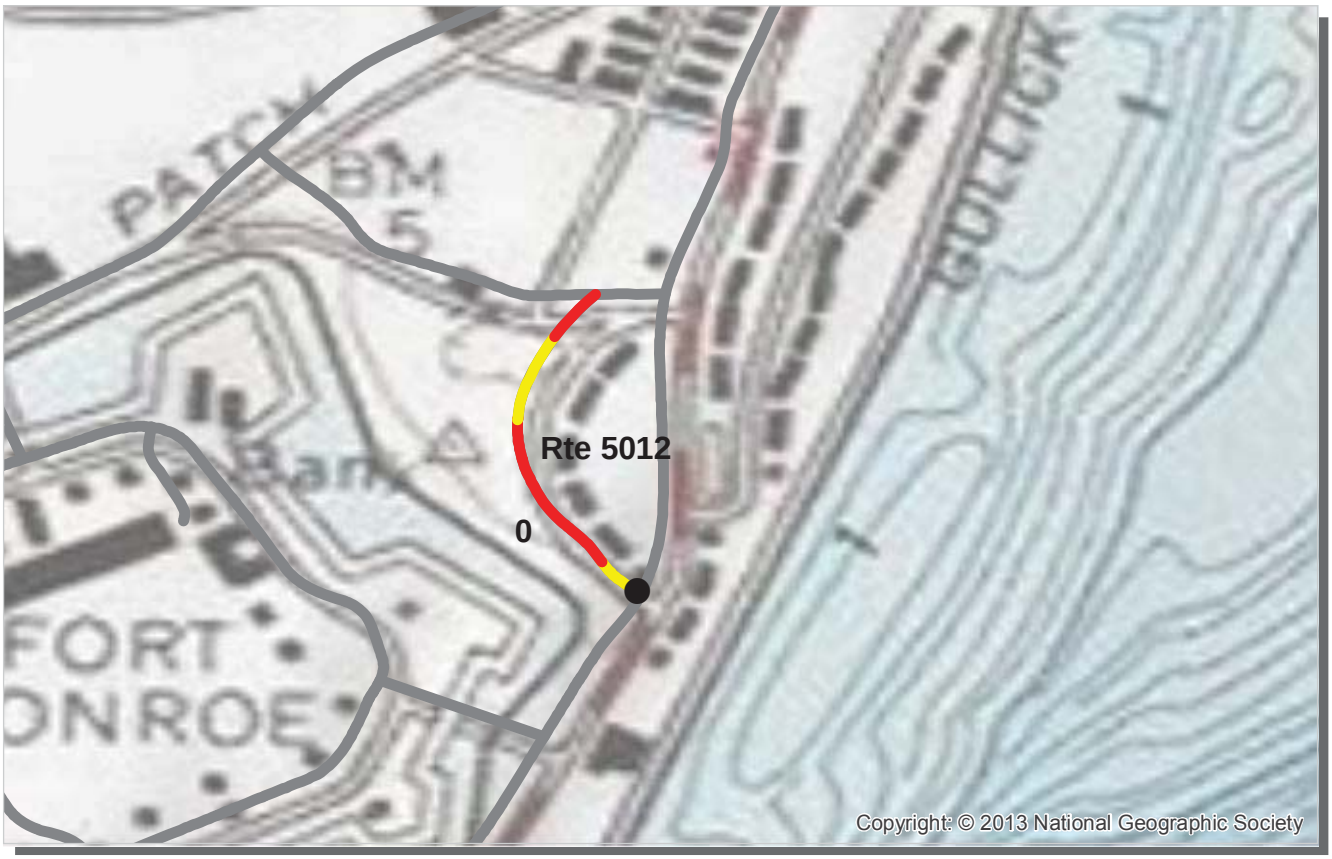
Section Number	0				
Section Length (mi)	0.07				
Cross Section Information					
Number of Lanes	1				
Paved Width (ft)	19				
Lane Width (ft)	19				
Roadway Condition Information					
SCR (Surface Condition Rating)	98				
PCR (Pavement Condition Rating)	98				
Distress Index Values					
Structural Crack Index	100				
Transverse Cracking Index	98				
Patching Index	99				
Rutting Index	98				
Roughness Condition Index (RCI)	NC				

NOTES:

Structural Crack Index is a combination of the Longitudinal Cracking Index and Alligator Cracking Index.

See Section 10 for explanation of SCR, PCR, & all Distress Index Values.

NC - Not Collected N/A - Not Applicable



PCR Poor (0 - 60) Fair (61 - 84) Good (85 - 94) Excellent (95 - 100) No Data

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

ROUTE: 5012 BOMFORD LANE
FOMR : FORT MONROE NATIONAL MONUMENT

COLLECTED: 1/17/2014
NORTHEAST REGION **TOTAL LENGTH: 0.16 Miles**

Section Number	0				
Section Length (mi)	0.16				
Cross Section Information					
Number of Lanes	2				
Paved Width (ft)	21				
Lane Width (ft)	11				
Roadway Condition Information					
SCR (Surface Condition Rating)	50				
PCR (Pavement Condition Rating)	50				
Distress Index Values					
Structural Crack Index	84				
Transverse Cracking Index	50				
Patching Index	99				
Rutting Index	96				
Roughness Condition Index (RCI)	NC				

NOTES:
Structural Crack Index is a combination of the Longitudinal Cracking Index and Alligator Cracking Index.
See Section 10 for explanation of SCR, PCR, & all Distress Index Values.
NC - Not Collected N/A - Not Applicable

Section 6
Manually Rated Paved Route Condition Rating Sheets

Fort Monroe National Monument

Federal Lands Highway
Road Inventory Program

FORT MONROE NATIONAL MONUMENT

Route 0103ZZ

MILL CREEK OVERLOOK ROADS

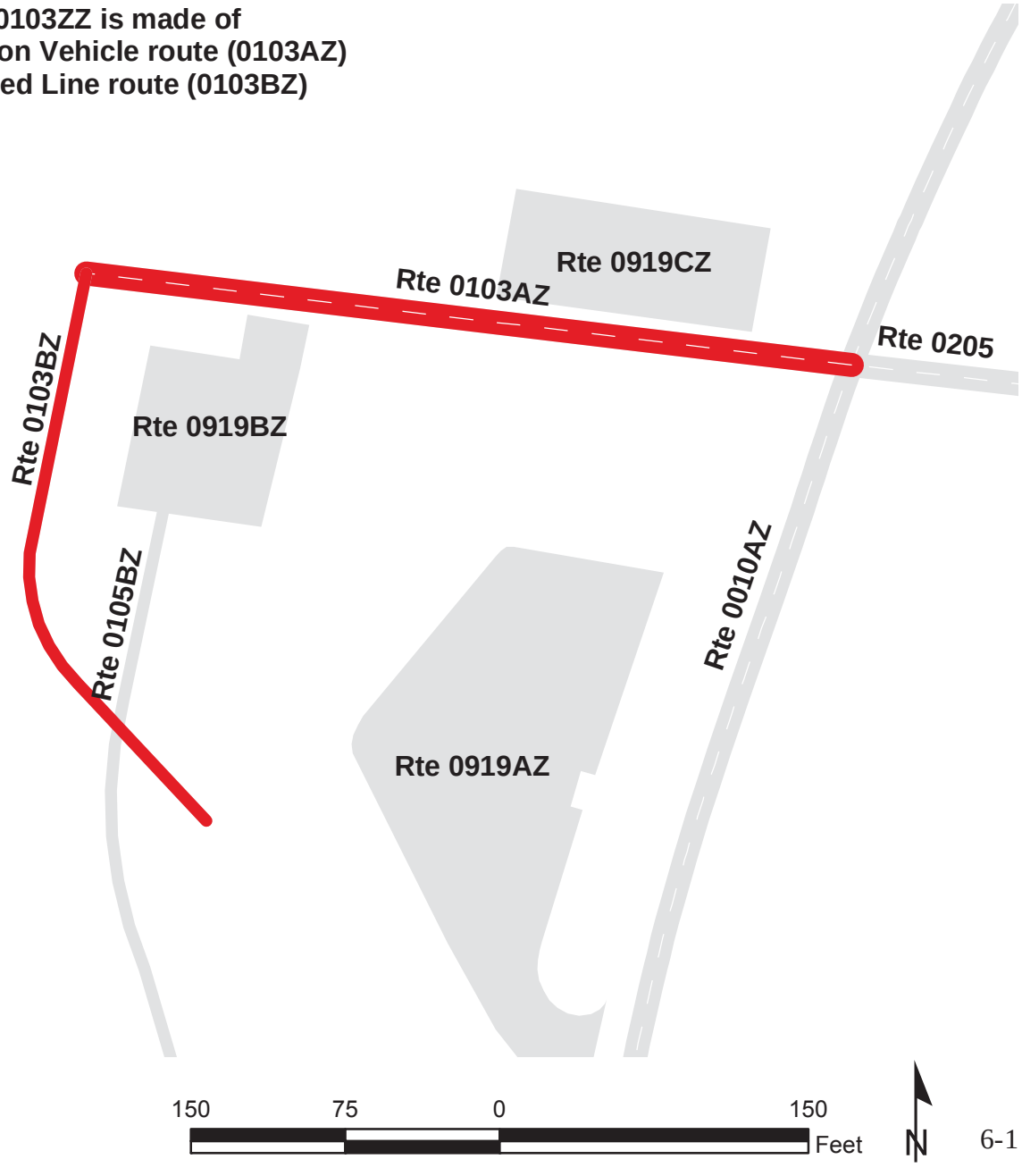
FROM INTERSECTION OF ROUTE 0010ZZ (FENWICK ROADS) AND ROUTE 0205 (GULLICK DRIVE NORTH SECTION) TO ROUTE 0919ZZ (MILL CREEK OVERLOOK PARKING AREAS) AT MP 0.14

Summary Record

Route Number	Public / NonPublic	Date Visited	Area (sq ft)	Lane Miles *	Paved Length (mi)	Paved Width (ft)
0103ZZ	PUBLIC	1/17/2014	N/A	0.15	0.10	17.1
Culverts	**Drop Inlets**	**Gates**	**Curb & Gutter**	**Curb**	**PCR**	**Surface Type**
1	0	0	N/A	N/A	SUMMARY/30	AS

* Lane miles are based on 11' lane widths

NOTE: Route 0103ZZ is made of
1 Data Collection Vehicle route (0103AZ)
1 Manually Rated Line route (0103BZ)



FORT MONROE NATIONAL MONUMENT

Route 0103BZ

MILL CREEK OVERLOOK ROAD B

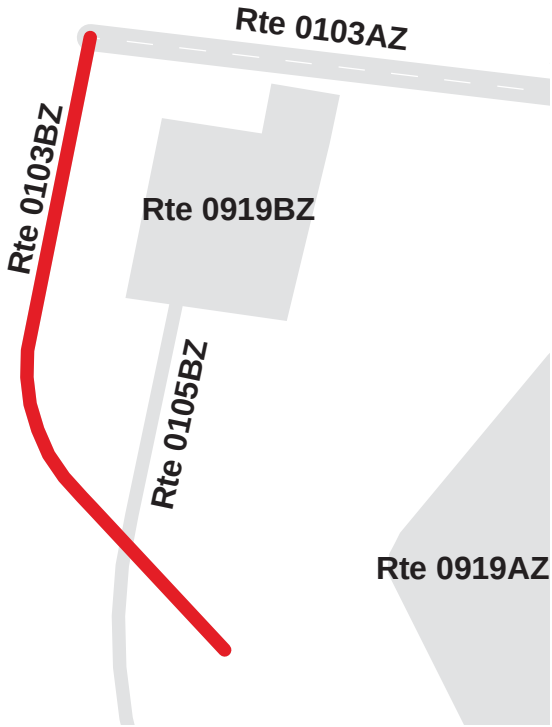
FROM INTERSECTION OF ROUTE 0103AZ (MILL CREEK OVERLOOK ROAD A)

TO INTERSECTION OF ROUTE 0103CZ (MILL CREEK OVERLOOK ROAD C)

Subcomponent Record

Route Number	Public / NonPublic	Date Visited	Area (sq ft)	Lane Miles *	Paved Length (mi)	Paved Width (ft)
0103BZ	PUBLIC	1/17/2014	2,686	0.05	0.05	9.6
Culverts	**Drop Inlets**	**Gates**	**Curb & Gutter**	**Curb**	**PCR**	**Surface Type**
1	0	0	NO CURB AND GUTTER	CONCRETE CURB	POOR/45	CO

* Lane miles are based on 11' lane widths



FORT MONROE NATIONAL MONUMENT

Route 0105ZZ

BUILDING 38 ROADS

FROM ROUTE 0010ZZ (FENWICK ROADS)

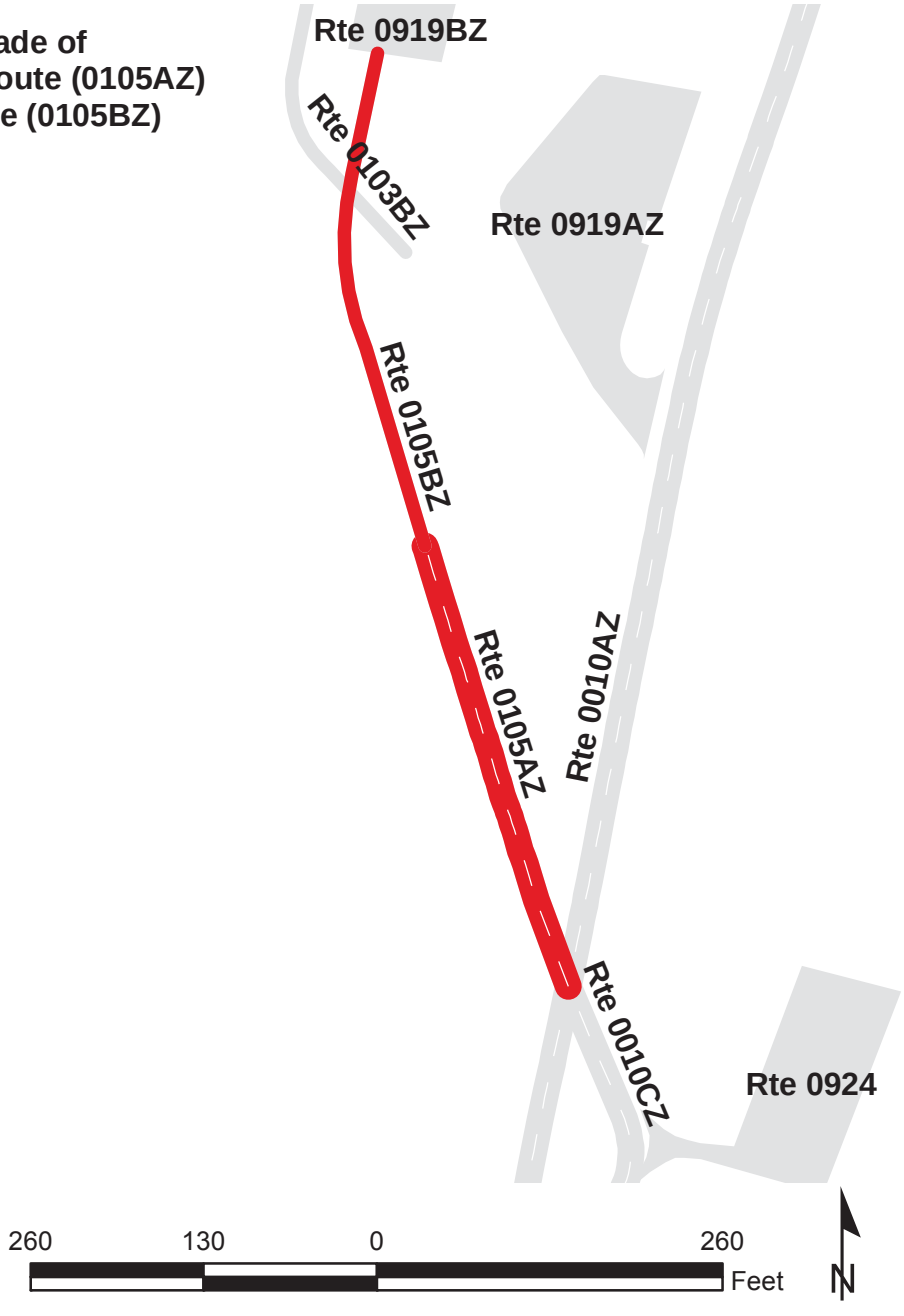
TO ROUTE 0919ZZ (MILL CREEK OVERLOOK PARKING AREAS)

Summary Record

Route Number	Public / NonPublic	Date Visited	Area (sq ft)	Lane Miles *	Paved Length (mi)	Paved Width (ft)
0105ZZ	PUBLIC	1/17/2014	N/A	0.19	0.13	16.1
Culverts	**Drop Inlets**	**Gates**	**Curb & Gutter**	**Curb**	**PCR**	**Surface Type**
0	0	0	N/A	N/A	SUMMARY/45	AS

* Lane miles are based on 11' lane widths

NOTE: Route 0105ZZ is made of
1 Data Collection Vehicle route (0105AZ)
1 Manually Rated Line route (0105BZ)



FORT MONROE NATIONAL MONUMENT

Route 0105BZ

BUILDING 38 ROAD B

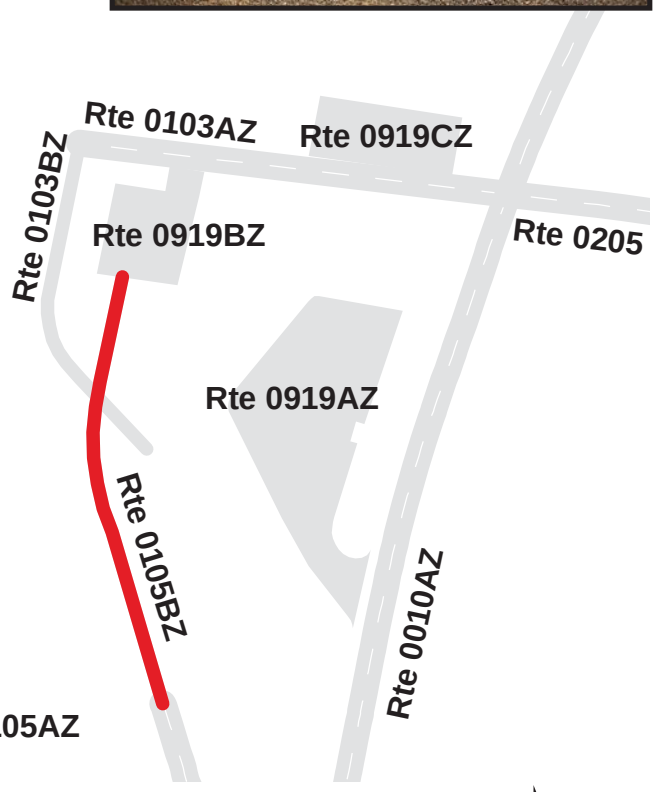
FROM END OF ROUTE 0105AZ (BUILDING 38 ROAD A)

TO ROUTE 0919ZZ (MILL CREEK OVERLOOK PARKING AREAS)

Subcomponent Record

Route Number	Public / NonPublic	Date Visited	Area (sq ft)	Lane Miles *	Paved Length (mi)	Paved Width (ft)
0105BZ	PUBLIC	1/17/2014	5,436	0.09	0.07	14.5
Culverts	**Drop Inlets**	**Gates**	**Curb & Gutter**	**Curb**	**PCR**	**Surface Type**
0	0	0	NO CURB AND GUTTER	NO CURB	POOR/45	AS

* Lane miles are based on 11' lane widths



FORT MONROE NATIONAL MONUMENT

Route 0200ZZ

WALKER AIRFIELD ROADS

FROM ROUTE 0010ZZ (FENWICK ROADS) ON LEFT

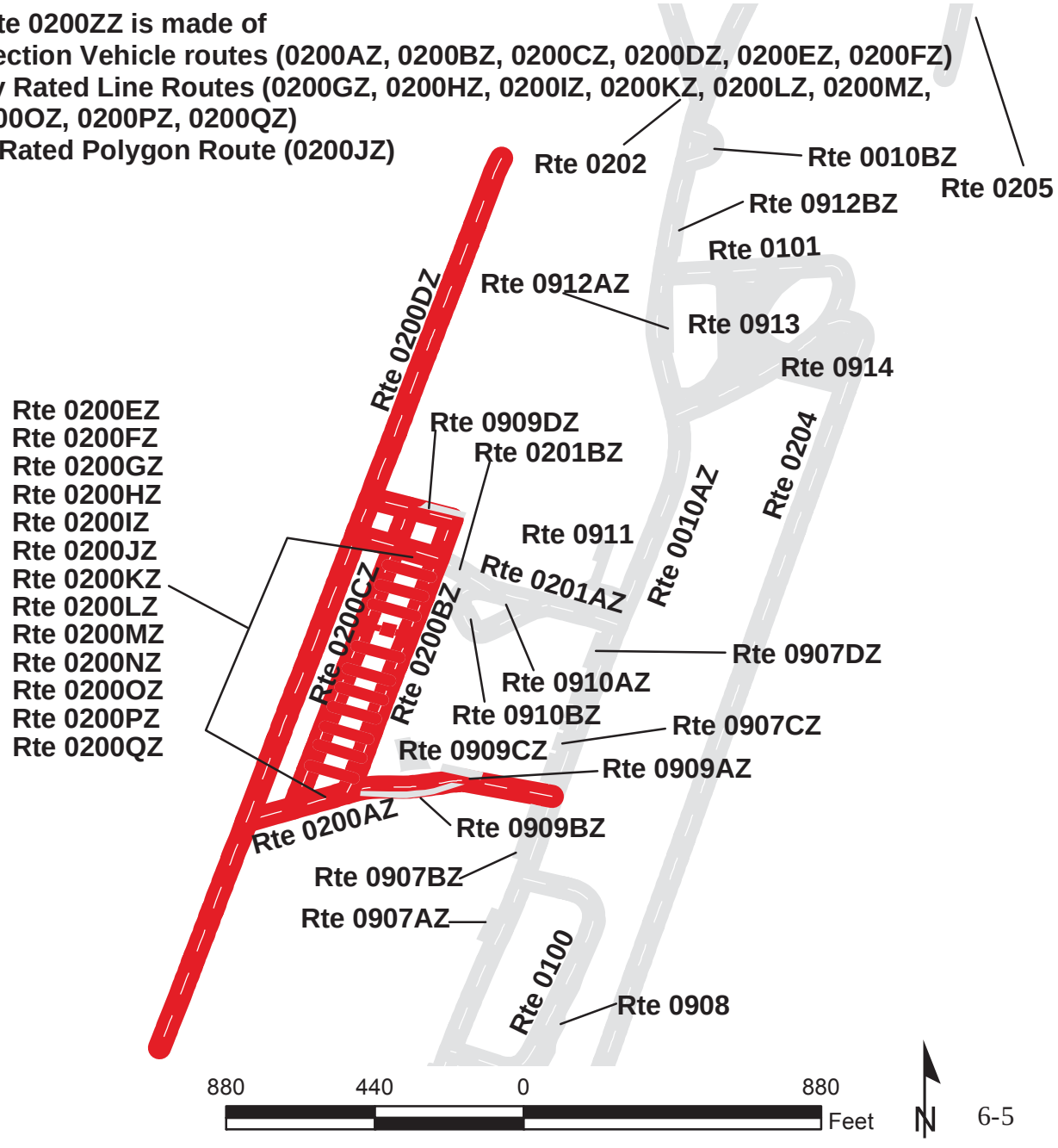
THROUGH WALKER AIRFIELD ROADS

Summary Record

Route Number	Public / NonPublic	Date Visited	Area (sq ft)	Lane Miles *	Paved Length (mi)	Paved Width (ft)
0200ZZ	PUBLIC	1/17/2014	N/A	4.04	1.23	36.1
Culverts	**Drop Inlets**	**Gates**	**Curb & Gutter**	**Curb**	**PCR**	**Surface Type**
0	0	0	N/A	N/A	SUMMARY/79	AS

* Lane miles are based on 11' lane widths

NOTE: Route 0200ZZ is made of
6 Data Collection Vehicle routes (0200AZ, 0200BZ, 0200CZ, 0200DZ, 0200EZ, 0200FZ)
10 Manually Rated Line Routes (0200GZ, 0200HZ, 0200IZ, 0200KZ, 0200LZ, 0200MZ, 0200NZ, 0200OZ, 0200PZ, 0200QZ)
1 Manually Rated Polygon Route (0200JZ)



FORT MONROE NATIONAL MONUMENT

Route 0200GZ

WALKER AIRFIELD CUT-THROUGH 3

FROM ROUTE 0200BZ (WALKER AIRFIELD ROAD 1)

TO ROUTE 0200CZ (WALKER AIRFIELD ROAD 2)

Subcomponent Record

Route Number	Public / NonPublic	Date Visited	Area (sq ft)	Lane Miles *	Paved Length (mi)	Paved Width (ft)
0200GZ	PUBLIC	2/8/2013	2,162	0.04	0.02	19.5
Culverts	**Drop Inlets**	**Gates**	**Curb & Gutter**	**Curb**	**PCR**	**Surface Type**
0	0	0	NO CURB AND GUTTER	NO CURB	POOR/45	AS

* Lane miles are based on 11' lane widths

70 35 0 70 Feet

N

FORT MONROE NATIONAL MONUMENT

Route 0200HZ

WALKER AIRFIELD CUT-THROUGH 4

FROM ROUTE 0200BZ (WALKER AIRFIELD ROAD 1)

TO ROUTE 0200CZ (WALKER AIRFIELD ROAD 2)

Subcomponent Record

Route Number	Public / NonPublic	Date Visited	Area (sq ft)	Lane Miles *	Paved Length (mi)	Paved Width (ft)
0200HZ	PUBLIC	2/8/2013	2,162	0.04	0.02	19.5
Culverts	**Drop Inlets**	**Gates**	**Curb & Gutter**	**Curb**	**PCR**	**Surface Type**
0	0	0	NO CURB AND GUTTER	NO CURB	POOR/45	AS

* Lane miles are based on 11' lane widths

70 35 0 70 Feet

N

FORT MONROE NATIONAL MONUMENT

Route 0200IZ

WALKER AIRFIELD CUT-THROUGH 5

FROM ROUTE 0200BZ (WALKER AIRFIELD ROAD 1)

TO ROUTE 0200CZ (WALKER AIRFIELD ROAD 2)

Subcomponent Record

Route Number	Public / NonPublic	Date Visited	Area (sq ft)	Lane Miles *	Paved Length (mi)	Paved Width (ft)
0200IZ	PUBLIC	2/8/2013	2,162	0.04	0.02	19.5
Culverts	**Drop Inlets**	**Gates**	**Curb & Gutter**	**Curb**	**PCR**	**Surface Type**
0	0	0	NO CURB AND GUTTER	NO CURB	POOR/45	AS

* Lane miles are based on 11' lane widths

70 35 0 70 Feet

N

FORT MONROE NATIONAL MONUMENT

Route 0200JZ

WALKER AIRFIELD CUT-THROUGH 6

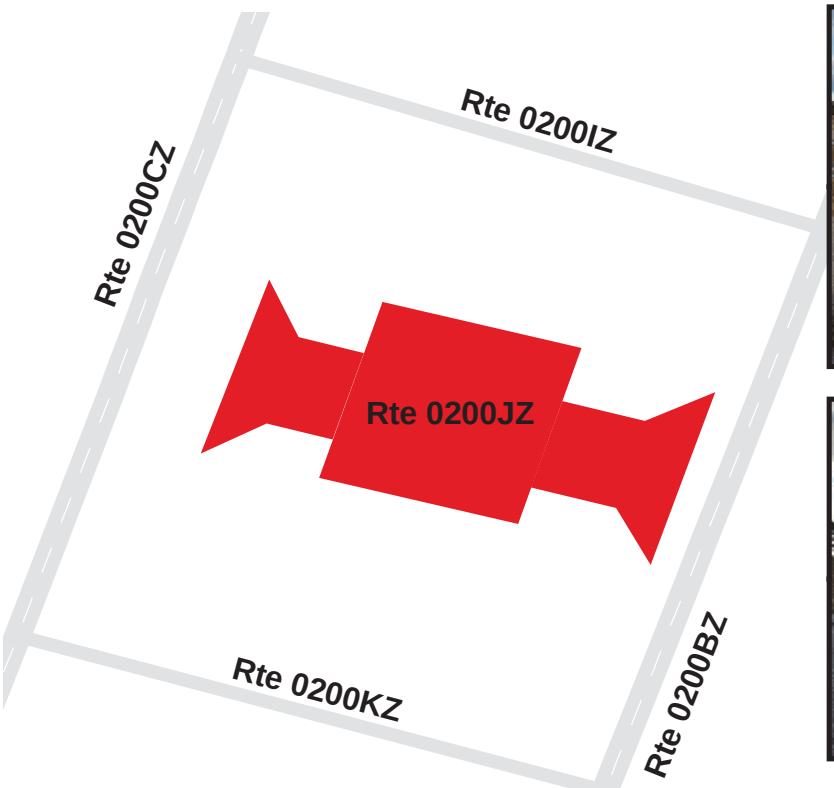
FROM ROUTE 0200BZ (WALKER AIRFIELD ROAD 1)

TO ROUTE 0200CZ (WALKER AIRFIELD ROAD 2)

Subcomponent Record

Route Number	Public / NonPublic	Date Visited	Area (sq ft)	Lane Miles *	Surface Type
0200JZ	PUBLIC	2/8/2013	2,492	0.04	CO
Culverts	**Drop Inlets**	**Gates**	**Curb & Gutter**	**Curb**	**PCR**
0	0	0	NO CURB AND GUTTER	NO CURB	POOR/45

* Lane miles are based on 11' lane widths



70 35 0 70 Feet

N

FORT MONROE NATIONAL MONUMENT

Route 0200KZ

WALKER AIRFIELD CUT-THROUGH 7

FROM ROUTE 0200BZ (WALKER AIRFIELD ROAD 1)

TO ROUTE 0200CZ (WALKER AIRFIELD ROAD 2)

Subcomponent Record

Route Number	Public / NonPublic	Date Visited	Area (sq ft)	Lane Miles *	Paved Length (mi)	Paved Width (ft)
0200KZ	PUBLIC	2/8/2013	2,162	0.04	0.02	19.5
Culverts	**Drop Inlets**	**Gates**	**Curb & Gutter**	**Curb**	**PCR**	**Surface Type**
0	0	0	NO CURB AND GUTTER	NO CURB	POOR/45	AS

* Lane miles are based on 11' lane widths

70 35 0 70 Feet

N

FORT MONROE NATIONAL MONUMENT

Route 0200LZ

WALKER AIRFIELD CUT-THROUGH 8

FROM ROUTE 0200BZ (WALKER AIRFIELD ROAD 1)

TO ROUTE 0200CZ (WALKER AIRFIELD ROAD 2)

Subcomponent Record

Route Number	Public / NonPublic	Date Visited	Area (sq ft)	Lane Miles *	Paved Length (mi)	Paved Width (ft)
0200LZ	PUBLIC	2/8/2013	2,162	0.04	0.02	19.5
Culverts	**Drop Inlets**	**Gates**	**Curb & Gutter**	**Curb**	**PCR**	**Surface Type**
0	0	0	NO CURB AND GUTTER	NO CURB	POOR/45	AS

* Lane miles are based on 11' lane widths

70 35 0 70 Feet

N

FORT MONROE NATIONAL MONUMENT

Route 0200MZ

WALKER AIRFIELD CUT-THROUGH 9

FROM ROUTE 0200BZ (WALKER AIRFIELD ROAD 1)

TO ROUTE 0200CZ (WALKER AIRFIELD ROAD 2)

Subcomponent Record

Route Number	Public / NonPublic	Date Visited	Area (sq ft)	Lane Miles *	Paved Length (mi)	Paved Width (ft)
0200MZ	PUBLIC	2/8/2013	2,162	0.04	0.02	19.5
Culverts	**Drop Inlets**	**Gates**	**Curb & Gutter**	**Curb**	**PCR**	**Surface Type**
0	0	0	NO CURB AND GUTTER	NO CURB	POOR/45	AS

* Lane miles are based on 11' lane widths

FORT MONROE NATIONAL MONUMENT

Route 0200NZ

WALKER AIRFIELD CUT-THROUGH 10

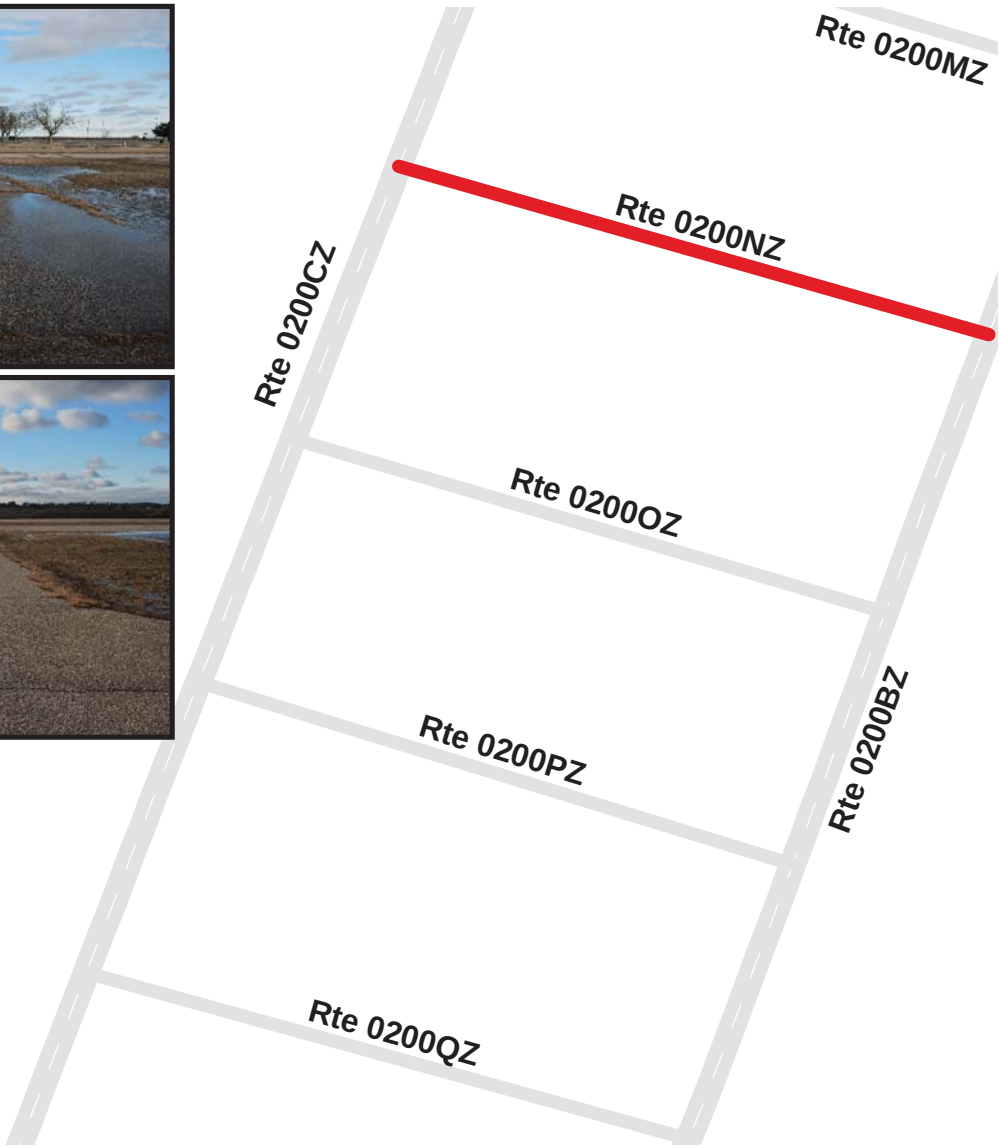
FROM ROUTE 0200BZ (WALKER AIRFIELD ROAD 1)

TO ROUTE 0200CZ (WALKER AIRFIELD ROAD 2)

Subcomponent Record

Route Number	Public / NonPublic	Date Visited	Area (sq ft)	Lane Miles *	Paved Length (mi)	Paved Width (ft)
0200NZ	PUBLIC	2/8/2013	2,162	0.04	0.02	19.5
Culverts	**Drop Inlets**	**Gates**	**Curb & Gutter**	**Curb**	**PCR**	**Surface Type**
0	0	0	NO CURB AND GUTTER	NO CURB	POOR/45	AS

* Lane miles are based on 11' lane widths



70 35 0 70 Feet

N

FORT MONROE NATIONAL MONUMENT

Route 0200OZ

WALKER AIRFIELD CUT-THROUGH 11

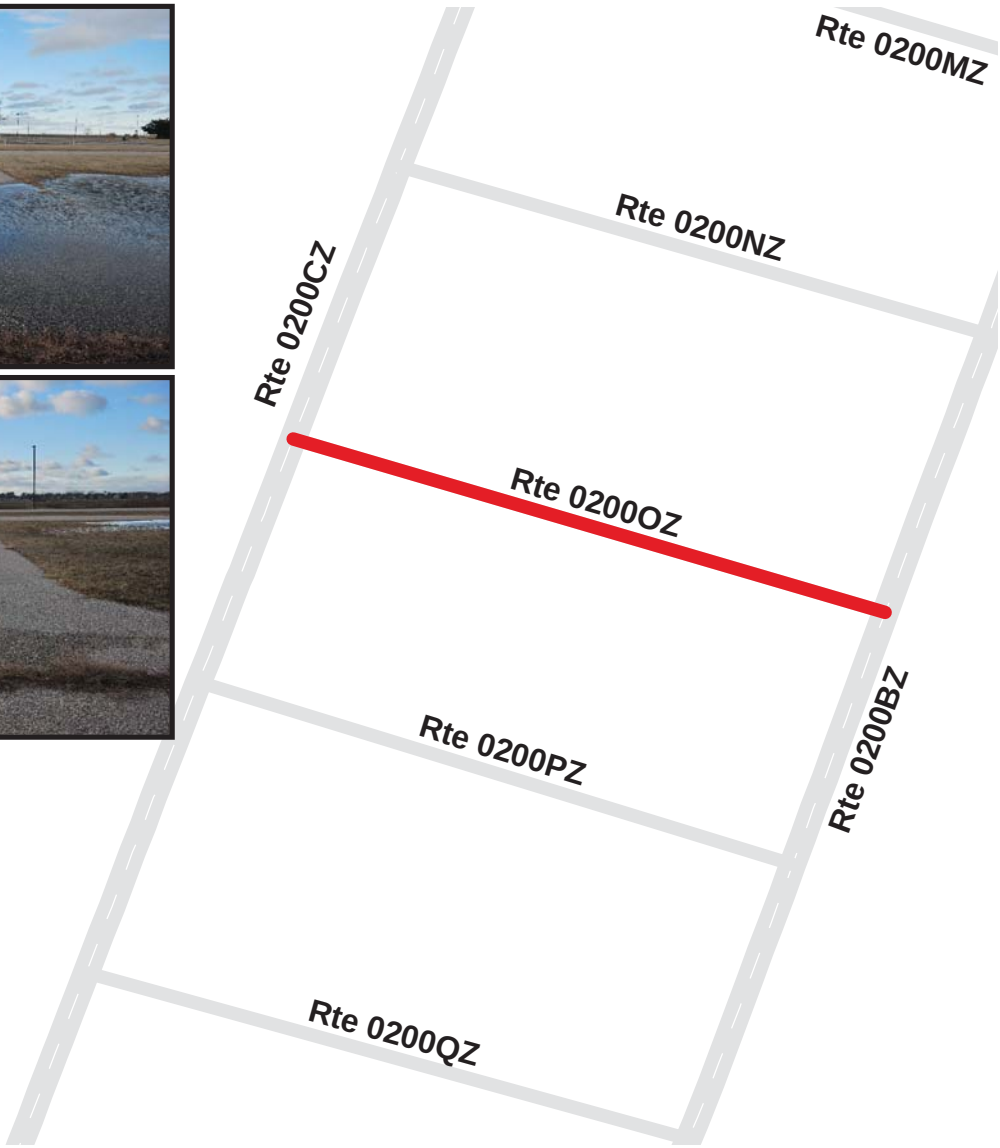
FROM ROUTE 0200BZ (WALKER AIRFIELD ROAD 1)

TO ROUTE 0200CZ (WALKER AIRFIELD ROAD 2)

Subcomponent Record

Route Number	Public / NonPublic	Date Visited	Area (sq ft)	Lane Miles *	Paved Length (mi)	Paved Width (ft)
0200OZ	PUBLIC	2/8/2013	2,162	0.04	0.02	19.5
Culverts	**Drop Inlets**	**Gates**	**Curb & Gutter**	**Curb**	**PCR**	**Surface Type**
0	0	0	NO CURB AND GUTTER	NO CURB	FAIR/73	AS

* Lane miles are based on 11' lane widths



70 35 0 70 Feet

N

FORT MONROE NATIONAL MONUMENT

Route 0200PZ

WALKER AIRFIELD CUT-THROUGH 12

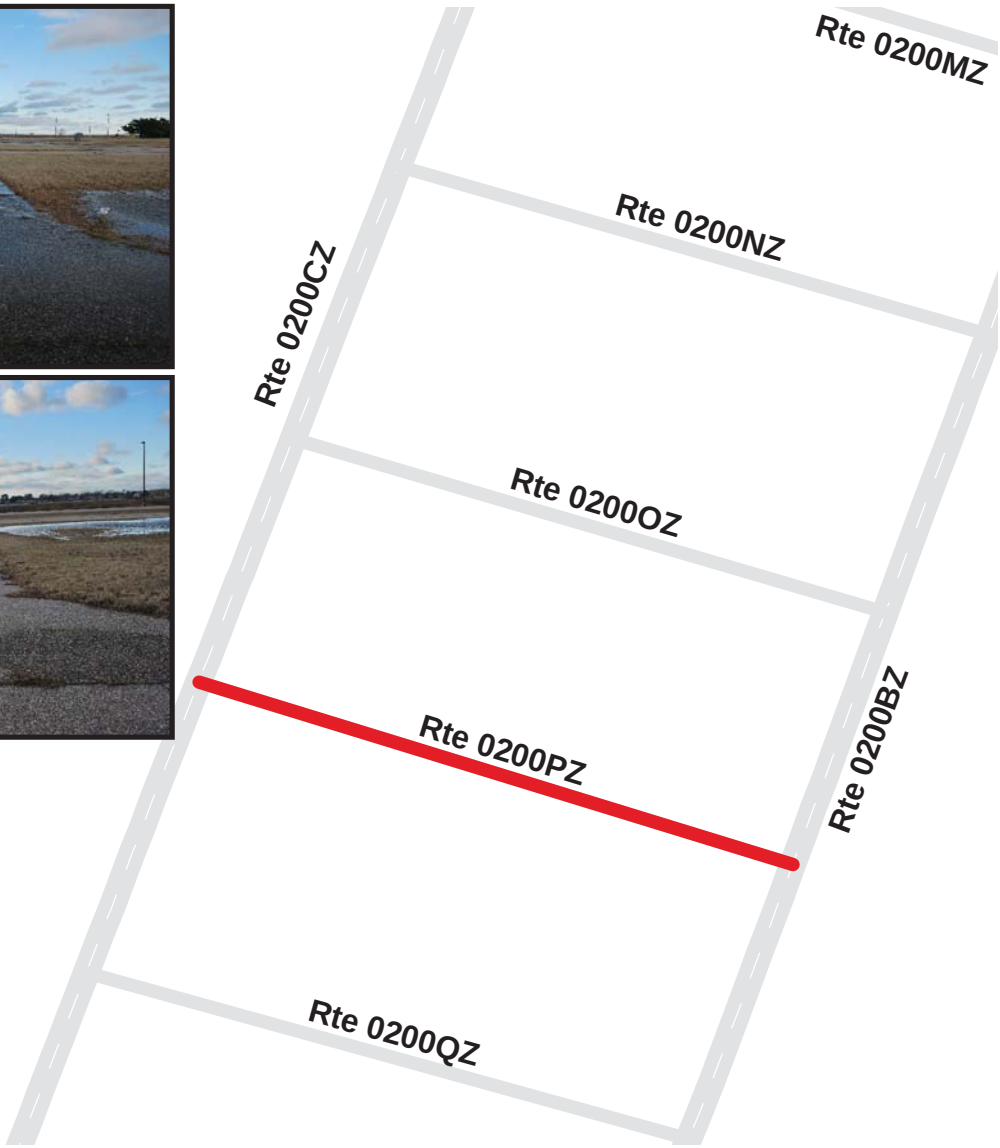
FROM ROUTE 0200BZ (WALKER AIRFIELD ROAD 1)

TO ROUTE 0200CZ (WALKER AIRFIELD ROAD 2)

Subcomponent Record

Route Number	Public / NonPublic	Date Visited	Area (sq ft)	Lane Miles *	Paved Length (mi)	Paved Width (ft)
0200PZ	PUBLIC	2/8/2013	2,162	0.04	0.02	19.5
Culverts	**Drop Inlets**	**Gates**	**Curb & Gutter**	**Curb**	**PCR**	**Surface Type**
0	0	0	NO CURB AND GUTTER	NO CURB	POOR/45	AS

* Lane miles are based on 11' lane widths



70 35 0 70 Feet

N

FORT MONROE NATIONAL MONUMENT

Route 0200QZ

WALKER AIRFIELD CUT-THROUGH 13

FROM ROUTE 0200BZ (WALKER AIRFIELD ROAD 1)

TO ROUTE 0200CZ (WALKER AIRFIELD ROAD 2)

Subcomponent Record

Route Number	Public / NonPublic	Date Visited	Area (sq ft)	Lane Miles *	Paved Length (mi)	Paved Width (ft)
0200QZ	PUBLIC	2/8/2013	2,162	0.04	0.02	19.5
Culverts	**Drop Inlets**	**Gates**	**Curb & Gutter**	**Curb**	**PCR**	**Surface Type**
0	0	0	NO CURB AND GUTTER	NO CURB	POOR/45	AS

* Lane miles are based on 11' lane widths

70 35 0 70 Feet

N

FORT MONROE NATIONAL MONUMENT

Route 5007

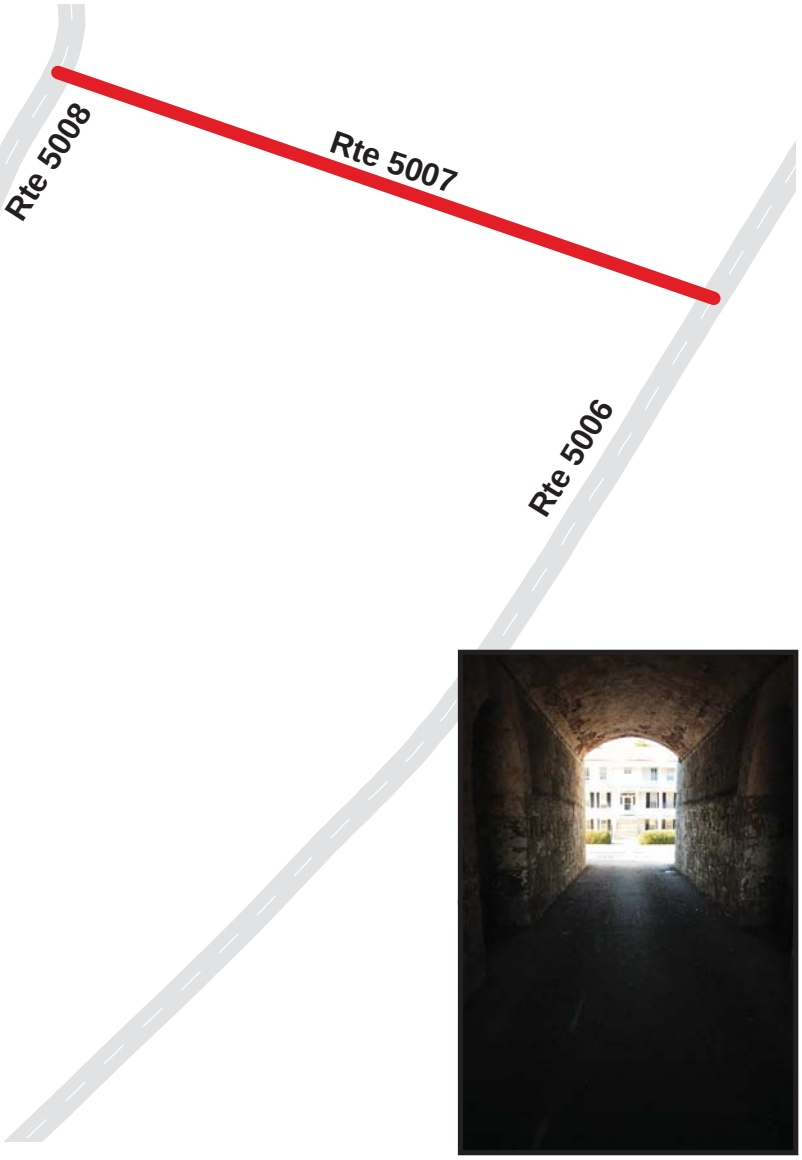
EAST GATE

FROM ROUTE 5006 (FENWICK ROAD (NON NPS))

TO ROUTE 5008 (BERNARD ROAD)

Route Number	Public / NonPublic	Date Visited	Area (sq ft)	Lane Miles *	Paved Length (mi)	Paved Width (ft)
5007	PUBLIC	1/17/2014	5,647	0.10	0.07	15.5
Culverts	**Drop Inlets**	**Gates**	**Curb & Gutter**	**Curb**	**PCR**	**Surface Type**
0	1	0	NO CURB AND GUTTER	NO CURB	POOR/45	AS

* Lane miles are based on 11' lane widths



225 112.5 0 225 Feet

N

Section 7
Parking Area
Condition Rating Sheets

Fort Monroe National Monument

Federal Lands Highway
Road Inventory Program

FORT MONROE NATIONAL MONUMENT

Route 0900ZZ

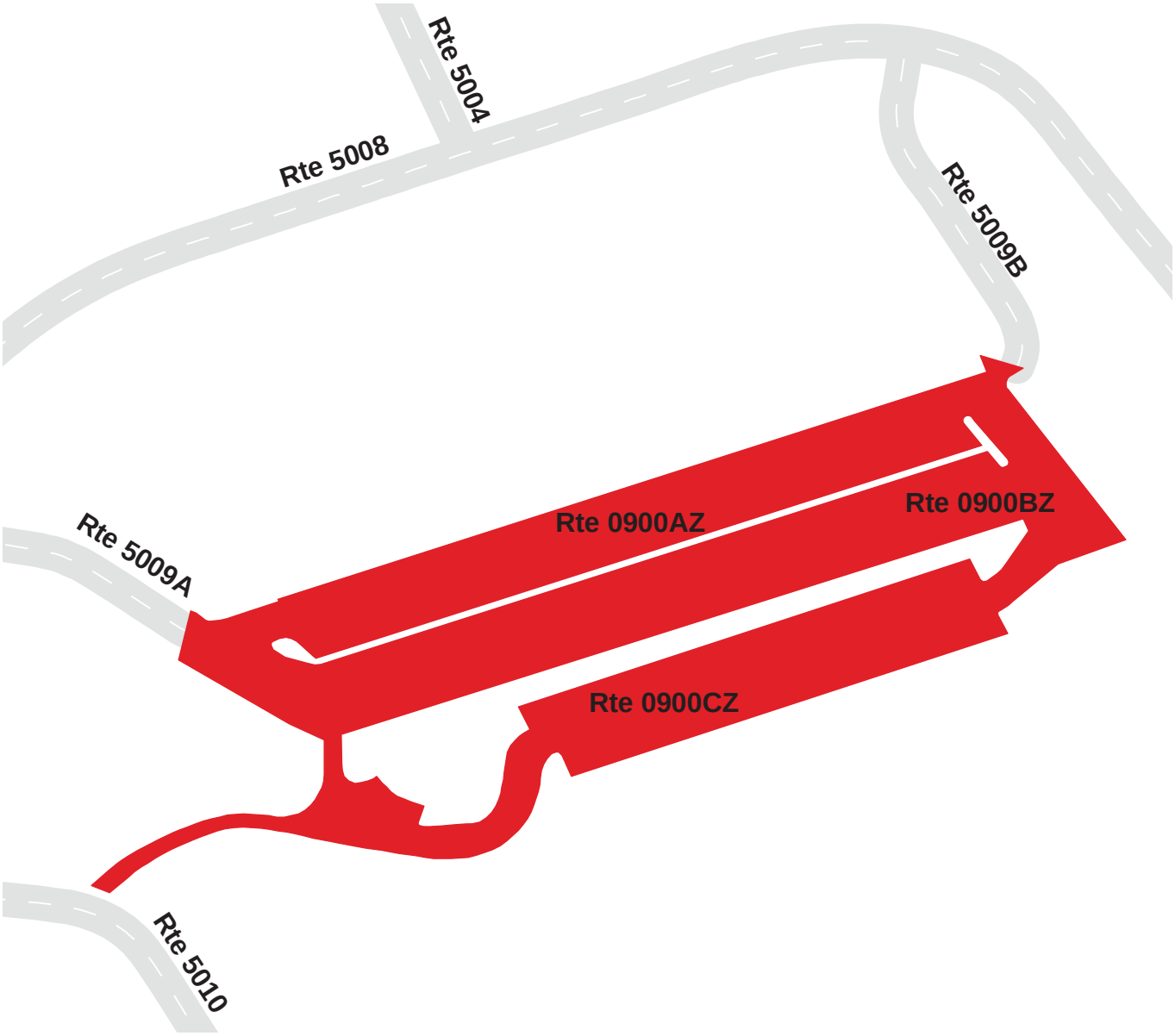
PARADE GROUND PARKING AREAS

FROM ROUTE 5009A (PARADE GROUND PARKING WEST ACCESS ROAD) AND ROUTE 5010 (RUCKMAN ROAD)
TO ROUTE 5009B (PARADE GROUND PARKING EAST ACCESS ROAD)

Summary Record

Route Number	Public / NonPublic	Date Visited	Area (sq ft)	Lane Miles *	Surface Type
0900ZZ	PUBLIC	2/8/2013	83,004	1.43	AS
Culverts	**Drop Inlets**	**Gates**	**Curb & Gutter**	**Curb**	**PCR**
0	6	0	NO CURB AND GUTTER	CONCRETE & WOOD CURB	SUMMARY/59

* Lane miles are based on 11' lane widths



FORT MONROE NATIONAL MONUMENT
Route 0900AZ

PARADE GROUND PARKING A

FROM ROUTE 0900BZ (PARADE GROUND PARKING B)

TO ROUTE 0900BZ (PARADE GROUND PARKING B)

Subcomponent Record

Route Number	Public / NonPublic	Date Visited	Area (sq ft)	Lane Miles *	Surface Type
0900AZ	PUBLIC	2/8/2013	22,729	0.39	AS
Culverts	**Drop Inlets**	**Gates**	**Curb & Gutter**	**Curb**	**PCR**
0	3	0	NO CURB AND GUTTER	CONCRETE CURB	POOR/45

* Lane miles are based on 11' lane widths

360 180 0 360 Feet

N

FORT MONROE NATIONAL MONUMENT

Route 0900BZ

PARADE GROUND PARKING B

FROM END OF ROUTE 5009A (PARADE GROUND PARKING WEST ACCESS ROAD)
TO BEGINNING OF ROUTE 5009B (PARADE GROUND PARKING EAST ACCESS ROAD)

Subcomponent Record

Route Number	Public / NonPublic	Date Visited	Area (sq ft)	Lane Miles *	Surface Type
0900BZ	PUBLIC	2/8/2013	33,727	0.58	AS
Culverts	**Drop Inlets**	**Gates**	**Curb & Gutter**	**Curb**	**PCR**
0	3	0	NO CURB AND GUTTER	CONCRETE & WOOD CURB	POOR/45

* Lane miles are based on 11' lane widths

360 180 0 360
Feet

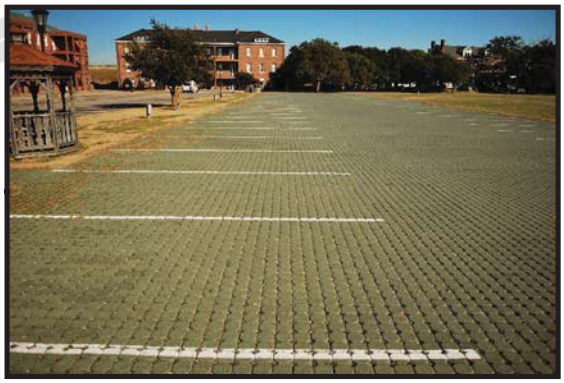
N

FORT MONROE NATIONAL MONUMENT
Route 0900CZ

PARADE GROUND PARKING C
FROM ROUTE 5010 (RUCKMAN ROAD)
TO ROUTE 0900BZ (PARADE GROUND PARKING B)
Subcomponent Record

Route Number	Public / NonPublic	Date Visited	Area (sq ft)	Lane Miles *	Surface Type
0900CZ	PUBLIC	2/8/2013	26,548	0.46	OT
Culverts	**Drop Inlets**	**Gates**	**Curb & Gutter**	**Curb**	**PCR**
0	0	0	NO CURB AND GUTTER	NO CURB	GOOD/90

* Lane miles are based on 11' lane widths



360 180 0 360
Feet

N

FORT MONROE NATIONAL MONUMENT
Route 0901A

BUILDING 1 OVERFLOW PARKING
FROM ROUTE 5008 (BERNARD ROAD) ON LEFT
TO ROUTE 5008 (BERNARD ROAD) ON LEFT

Route Number	Public / NonPublic	Date Visited	Area (sq ft)	Lane Miles *	Surface Type
0901A	PUBLIC	2/8/2013	4,459	0.08	OT
Culverts	**Drop Inlets**	**Gates**	**Curb & Gutter**	**Curb**	**PCR**
0	1	0	CONCRETE CURB AND GUTTER	N/A	GOOD/90

* Lane miles are based on 11' lane widths

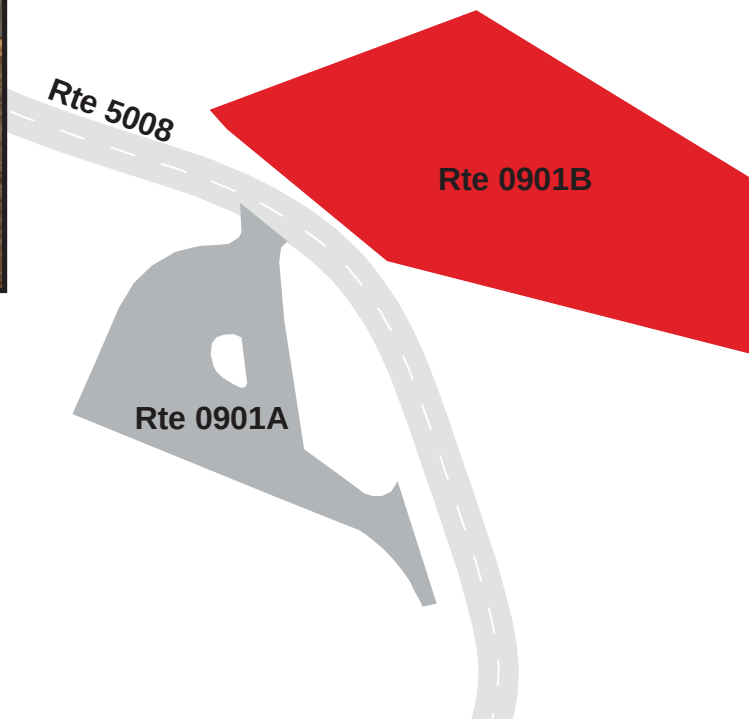
140 70 0 140 Feet

N

FORT MONROE NATIONAL MONUMENT
Route 0901B
BUILDING 1 PARKING
FROM ROUTE 5008 (BERNARD ROAD) ON RIGHT
TO PARKING

Route Number	Public / NonPublic	Date Visited	Area (sq ft)	Lane Miles *	Surface Type
0901B	PUBLIC	1/17/2014	9,823	0.17	AS
Culverts	**Drop Inlets**	**Gates**	**Curb & Gutter**	**Curb**	**PCR**
0	1	0	NO CURB AND GUTTER	CONCRETE CURB	POOR/45

* Lane miles are based on 11' lane widths



140 70 0 140 Feet

N

FORT MONROE NATIONAL MONUMENT

Route 0902

CASEMATE MUSEUM PARKING

ADJACENT TO ROUTE 5008 (BERNARD ROAD)

Route Number	Public / NonPublic	Date Visited	Area (sq ft)	Lane Miles *	Surface Type
0902	PUBLIC	2/8/2013	3,374	0.06	AS
Culverts	**Drop Inlets**	**Gates**	**Curb & Gutter**	**Curb**	**PCR**
0	2	0	NO CURB AND GUTTER	CONCRETE CURB	POOR/45

* Lane miles are based on 11' lane widths

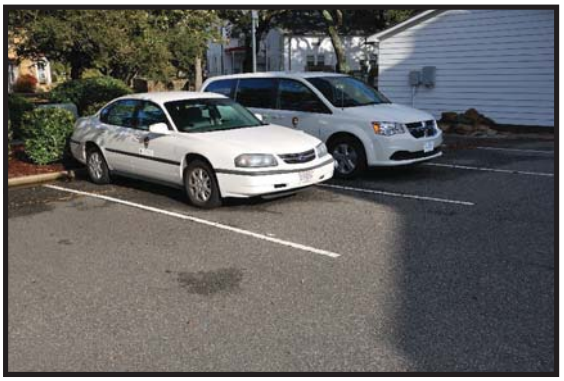
225 112.5 0 225 Feet

N

FORT MONROE NATIONAL MONUMENT
Route 0903
BUILDING 17 PARKING
ADJACENT TO ROUTE 5011 (MATHEWS LANE)

Route Number	Public / NonPublic	Date Visited	Area (sq ft)	Lane Miles *	Surface Type
0903	PUBLIC	2/8/2013	1,096	0.02	AS
Culverts	**Drop Inlets**	**Gates**	**Curb & Gutter**	**Curb**	**PCR**
0	0	0	CONCRETE CURB AND GUTTER	NO CURB	FAIR/73

* Lane miles are based on 11' lane widths



FORT MONROE NATIONAL MONUMENT
Route 0904
BUILDING 50 PARKING
ADJACENT TO ROUTE 5008 (BERNARD ROAD)

Route Number	Public / NonPublic	Date Visited	Area (sq ft)	Lane Miles *	Surface Type
0904	PUBLIC	2/8/2013	603	0.01	AS
Culverts	**Drop Inlets**	**Gates**	**Curb & Gutter**	**Curb**	**PCR**
0	1	0	NO CURB AND GUTTER	NO CURB	POOR/45

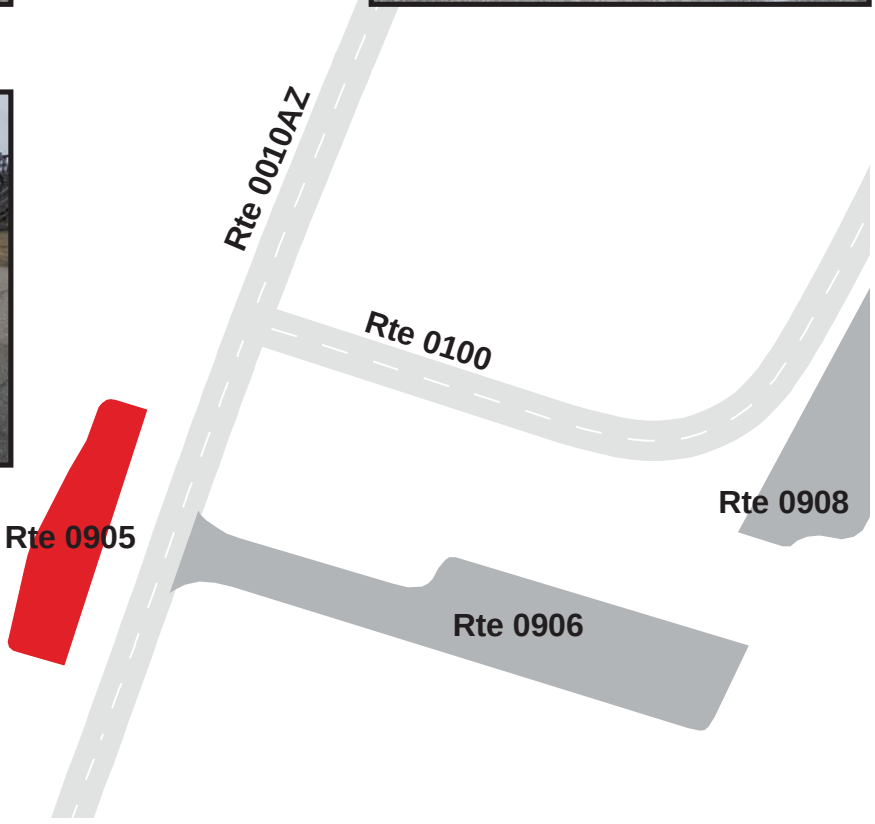
* Lane miles are based on 11' lane widths

40 20 0 40 Feet

FORT MONROE NATIONAL MONUMENT
Route 0905
BALLFIELD PARKING
ADJACENT TO ROUTE 0010ZZ (FENWICK ROADS) AND 5006 (FENWICK ROAD (NON NPS))

Route Number	Public / NonPublic	Date Visited	Area (sq ft)	Lane Miles *	Surface Type
0905	PUBLIC	2/7/2013	2,347	0.04	AS
Culverts	**Drop Inlets**	**Gates**	**Curb & Gutter**	**Curb**	**PCR**
0	0	0	NO CURB AND GUTTER	NO CURB	POOR/45

* Lane miles are based on 11' lane widths



180 90 0 180 Feet

N

FORT MONROE NATIONAL MONUMENT
Route 0906
SOUTH BOUNDARY PARKING
FROM ROUTE 0010ZZ (FENWICK ROADS) ON RIGHT
TO PARKING

Route Number	Public / NonPublic	Date Visited	Area (sq ft)	Lane Miles *	Surface Type
0906	PUBLIC	2/7/2013	6,428	0.11	AS
Culverts	**Drop Inlets**	**Gates**	**Curb & Gutter**	**Curb**	**PCR**
0	3	0	NO CURB AND GUTTER	NO CURB	GOOD/90

* Lane miles are based on 11' lane widths

180 90 0 180 Feet

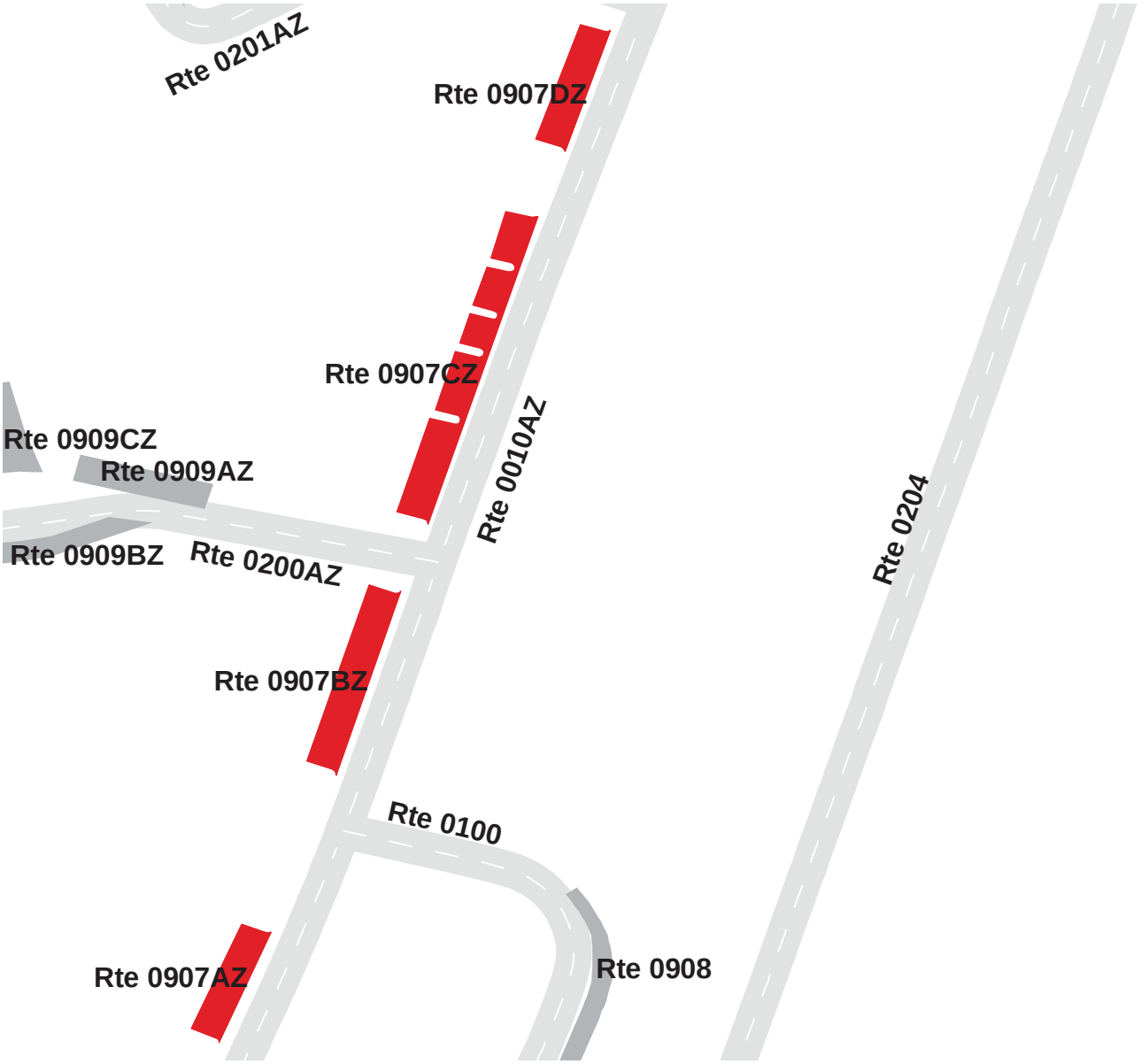
N

FORT MONROE NATIONAL MONUMENT
Route 0907ZZ
FENWICK ROAD PARKING AREAS
ADJACENT TO ROUTE 0010ZZ (FENWICK ROADS)

Summary Record

Route Number	Public / NonPublic	Date Visited	Area (sq ft)	Lane Miles *	Surface Type
0907ZZ	PUBLIC	2/7/2013	14,941	0.26	AS
Culverts	**Drop Inlets**	**Gates**	**Curb & Gutter**	**Curb**	**PCR**
0	1	0	CONCRETE CURB AND GUTTER	CONCRETE CURB	SUMMARY/76

* Lane miles are based on 11' lane widths



FORT MONROE NATIONAL MONUMENT

Route 0907AZ

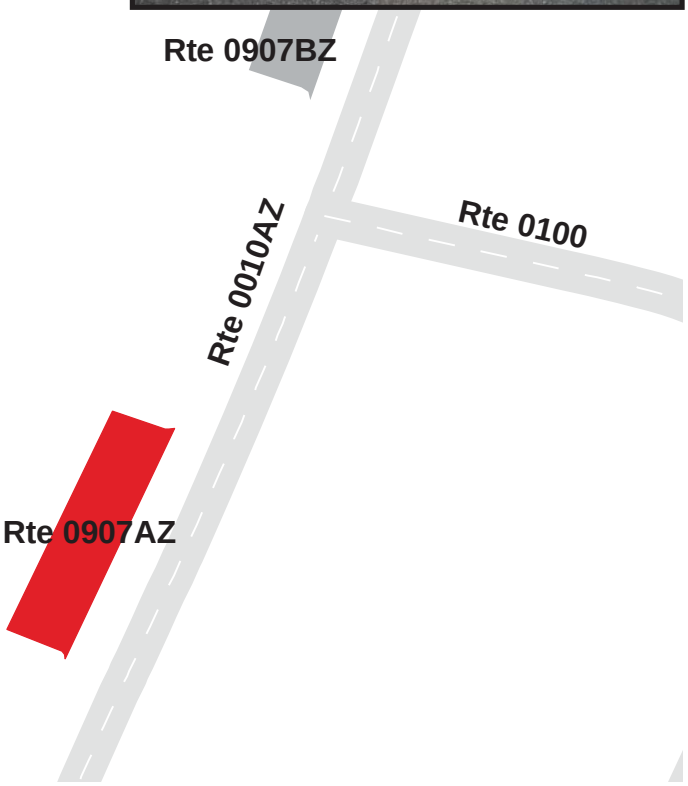
FENWICK ROAD PARKING A

ADJACENT TO ROUTE 0010AZ (FENWICK ROAD) ON LEFT

Subcomponent Record

Route Number	Public / NonPublic	Date Visited	Area (sq ft)	Lane Miles *	Surface Type
0907AZ	PUBLIC	2/7/2013	2,366	0.04	AS
Culverts	**Drop Inlets**	**Gates**	**Curb & Gutter**	**Curb**	**PCR**
0	0	0	NO CURB AND GUTTER	NO CURB	GOOD/90

* Lane miles are based on 11' lane widths



180 90 0 180 Feet

N

FORT MONROE NATIONAL MONUMENT
Route 0907BZ
FENWICK ROAD PARKING B
ADJACENT TO ROUTE 0010AZ (FENWICK ROAD) ON LEFT

Subcomponent Record

Route Number	Public / NonPublic	Date Visited	Area (sq ft)	Lane Miles *	Surface Type
0907BZ	PUBLIC	2/7/2013	3,961	0.07	AS
Culverts	**Drop Inlets**	**Gates**	**Curb & Gutter**	**Curb**	**PCR**
0	0	0	CONCRETE CURB AND GUTTER	NO CURB	FAIR/73

* Lane miles are based on 11' lane widths

FORT MONROE NATIONAL MONUMENT
Route 0907CZ
FENWICK ROAD PARKING C
ADJACENT TO ROUTE 0010AZ (FENWICK ROAD) ON LEFT

Subcomponent Record

Route Number	Public / NonPublic	Date Visited	Area (sq ft)	Lane Miles *	Surface Type
0907CZ	PUBLIC	2/7/2013	6,114	0.11	AS
Culverts	**Drop Inlets**	**Gates**	**Curb & Gutter**	**Curb**	**PCR**
0	0	0	CONCRETE CURB AND GUTTER	CONCRETE CURB	FAIR/73

* Lane miles are based on 11' lane widths

FORT MONROE NATIONAL MONUMENT
Route 0907DZ
FENWICK ROAD PARKING D
ADJACENT TO ROUTE 0010AZ (FENWICK ROAD) ON LEFT

Subcomponent Record

Route Number	Public / NonPublic	Date Visited	Area (sq ft)	Lane Miles *	Surface Type
0907DZ	PUBLIC	2/7/2013	2,500	0.04	AS
Culverts	**Drop Inlets**	**Gates**	**Curb & Gutter**	**Curb**	**PCR**
0	1	0	CONCRETE CURB AND GUTTER	NO CURB	FAIR/73

* Lane miles are based on 11' lane widths

FORT MONROE NATIONAL MONUMENT
Route 0908
BATTERY DERUSSY PARKING
ADJACENT TO ROUTE 0100 (BATTERY DERUSSY ROAD)

Route Number	Public / NonPublic	Date Visited	Area (sq ft)	Lane Miles *	Surface Type
0908	PUBLIC	2/7/2013	12,900	0.22	AS
Culverts	**Drop Inlets**	**Gates**	**Curb & Gutter**	**Curb**	**PCR**
0	2	0	NO CURB AND GUTTER	CONCRETE CURB	POOR/45

* Lane miles are based on 11' lane widths

360 180 0 360 Feet

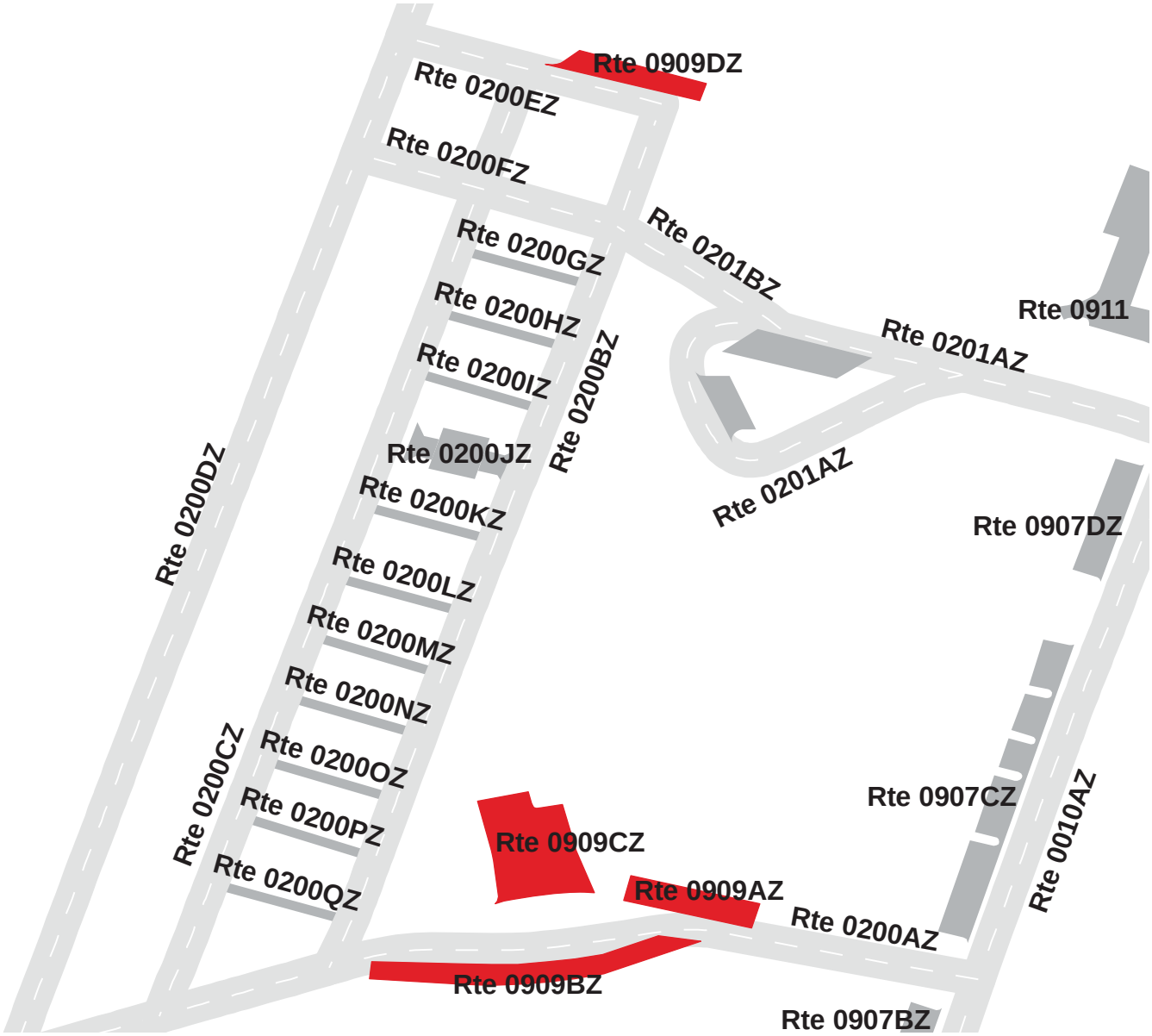
N

FORT MONROE NATIONAL MONUMENT
Route 0909ZZ
WALKER AIRFIELD OVERFLOW PARKING AREAS
ADJACENT TO ROUTE 0200ZZ (WALKER AIRFIELD ROADS)

Summary Record

Route Number	Public / NonPublic	Date Visited	Area (sq ft)	Lane Miles *	Surface Type
0909ZZ	PUBLIC	2/8/2013	14,348	0.25	CO
Culverts	**Drop Inlets**	**Gates**	**Curb & Gutter**	**Curb**	**PCR**
0	0	0	NO CURB AND GUTTER	NO CURB	SUMMARY/45

* Lane miles are based on 11' lane widths



FORT MONROE NATIONAL MONUMENT
Route 0909AZ
WALKER AIRFIELD OVERFLOW PARKING A
ADJACENT TO ROUTE 0200AZ (SOUTH WALKER AIRFIELD ACCESS ROAD) ON RIGHT

Subcomponent Record

Route Number	Public / NonPublic	Date Visited	Area (sq ft)	Lane Miles *	Surface Type
0909AZ	PUBLIC	2/8/2013	2,365	0.04	AS
Culverts	**Drop Inlets**	**Gates**	**Curb & Gutter**	**Curb**	**PCR**
0	0	0	NO CURB AND GUTTER	NO CURB	POOR/45

* Lane miles are based on 11' lane widths

125 62.5 0 125 Feet

FORT MONROE NATIONAL MONUMENT
Route 0909BZ
WALKER AIRFIELD OVERFLOW PARKING B
ADJACENT TO ROUTE 0200AZ (SOUTH WALKER AIRFIELD ACCESS ROAD) ON LEFT

Subcomponent Record

Route Number	Public / NonPublic	Date Visited	Area (sq ft)	Lane Miles *	Surface Type
0909BZ	PUBLIC	2/8/2013	4,217	0.07	AS
Culverts	**Drop Inlets**	**Gates**	**Curb & Gutter**	**Curb**	**PCR**
0	0	0	NO CURB AND GUTTER	NO CURB	POOR/45

* Lane miles are based on 11' lane widths

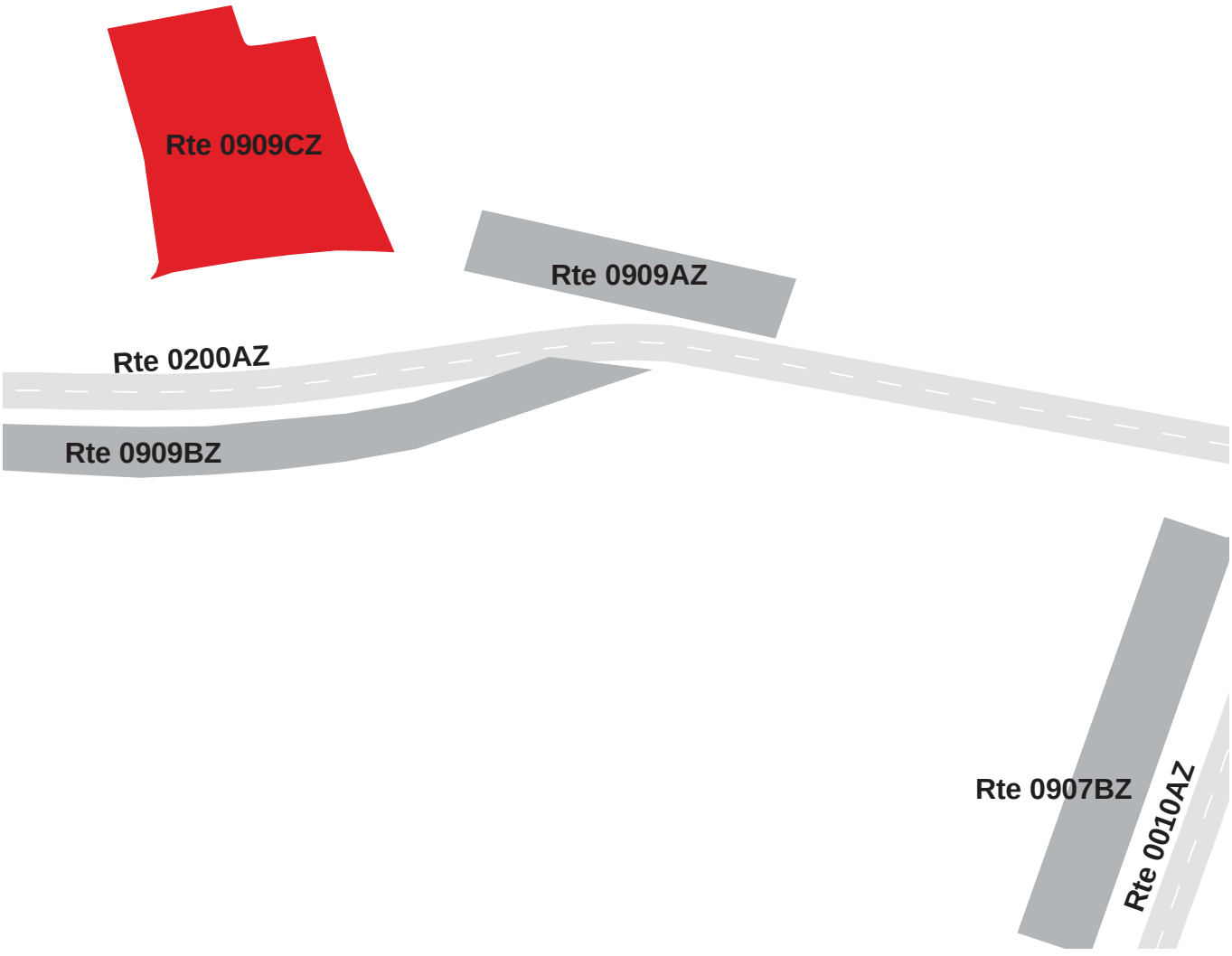
125 62.5 0 125 Feet

FORT MONROE NATIONAL MONUMENT
Route 0909CZ
WALKER AIRFIELD OVERFLOW PARKING C
FROM ROUTE 0200AZ (SOUTH WALKER AIRFIELD ACCESS ROAD) ON RIGHT TO PARKING

Subcomponent Record

Route Number	Public / NonPublic	Date Visited	Area (sq ft)	Lane Miles *	Surface Type
0909CZ	PUBLIC	2/8/2013	5,823	0.10	CO
Culverts	**Drop Inlets**	**Gates**	**Curb & Gutter**	**Curb**	**PCR**
0	0	0	NO CURB AND GUTTER	NO CURB	POOR/45

* Lane miles are based on 11' lane widths

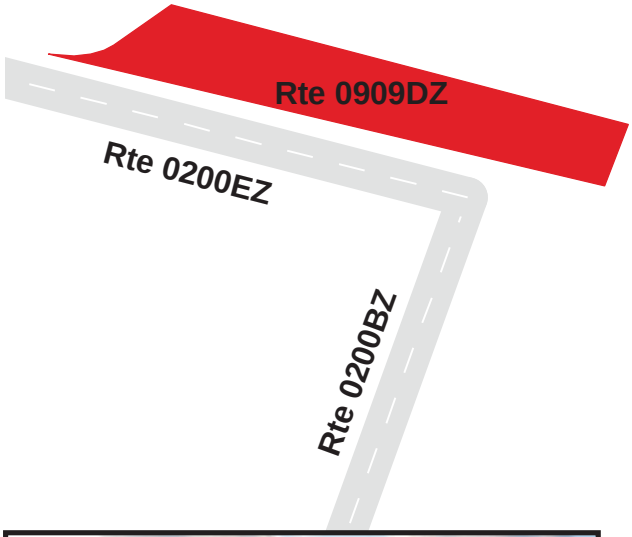


FORT MONROE NATIONAL MONUMENT
Route 0909DZ
WALKER AIRFIELD OVERFLOW PARKING D
ADJACENT TO ROUTE 0200EZ (WALKER AIRFIELD CUT-THROUGH 1)

Subcomponent Record

Route Number	Public / NonPublic	Date Visited	Area (sq ft)	Lane Miles *	Surface Type
0909DZ	PUBLIC	2/8/2013	1,943	0.03	CO
Culverts	**Drop Inlets**	**Gates**	**Curb & Gutter**	**Curb**	**PCR**
0	0	0	NO CURB AND GUTTER	NO CURB	POOR/45

* Lane miles are based on 11' lane widths



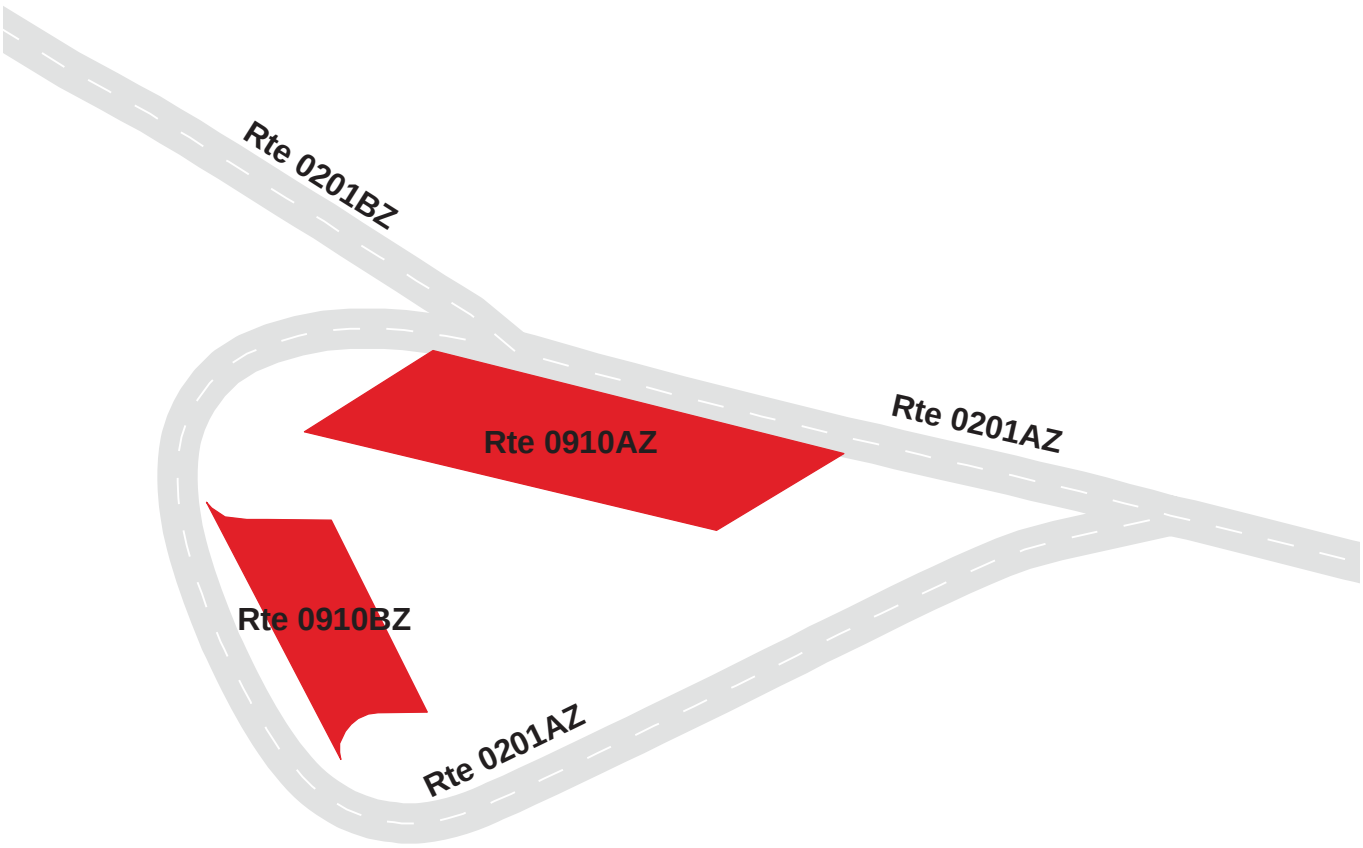
100 50 0 100 Feet

FORT MONROE NATIONAL MONUMENT
Route 0910ZZ
BUILDING 248 PARKING AREAS
ADJACENT TO ROUTE 0201ZZ (BUILDING 248 ROADS)

Summary Record

Route Number	Public / NonPublic	Date Visited	Area (sq ft)	Lane Miles *	Surface Type
0910ZZ	PUBLIC	2/7/2013	3,701	0.06	AS
Culverts	**Drop Inlets**	**Gates**	**Curb & Gutter**	**Curb**	**PCR**
0	0	0	CONCRETE CURB AND GUTTER	NO CURB	SUMMARY/54

* Lane miles are based on 11' lane widths



100 50 0 100 Feet

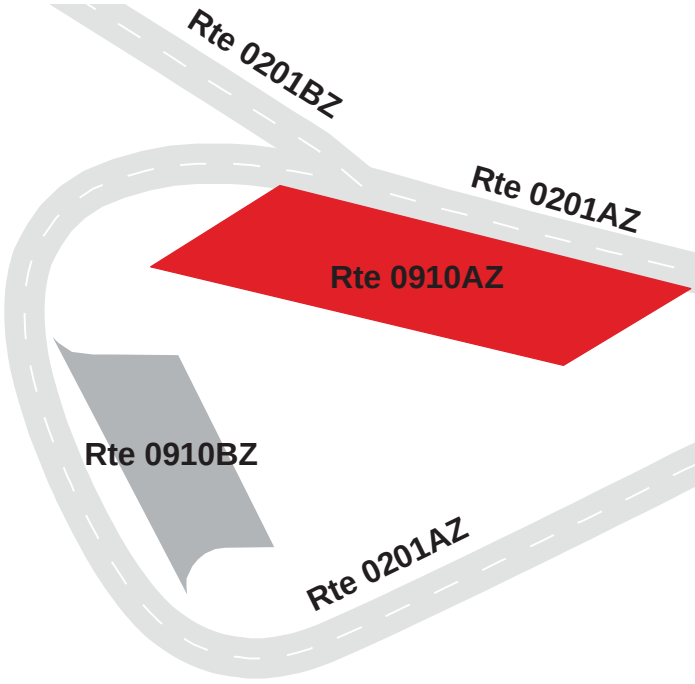
N

FORT MONROE NATIONAL MONUMENT
Route 0910AZ
BUILDING 248 PARKING A
ADJACENT TO ROUTE 0201AZ (BUILDING 248 ROAD A)

Subcomponent Record

Route Number	Public / NonPublic	Date Visited	Area (sq ft)	Lane Miles *	Surface Type
0910AZ	PUBLIC	2/7/2013	2,461	0.04	AS
Culverts	**Drop Inlets**	**Gates**	**Curb & Gutter**	**Curb**	**PCR**
0	0	0	CONCRETE CURB AND GUTTER	NO CURB	POOR/45

* Lane miles are based on 11' lane widths



100 50 0 100 Feet

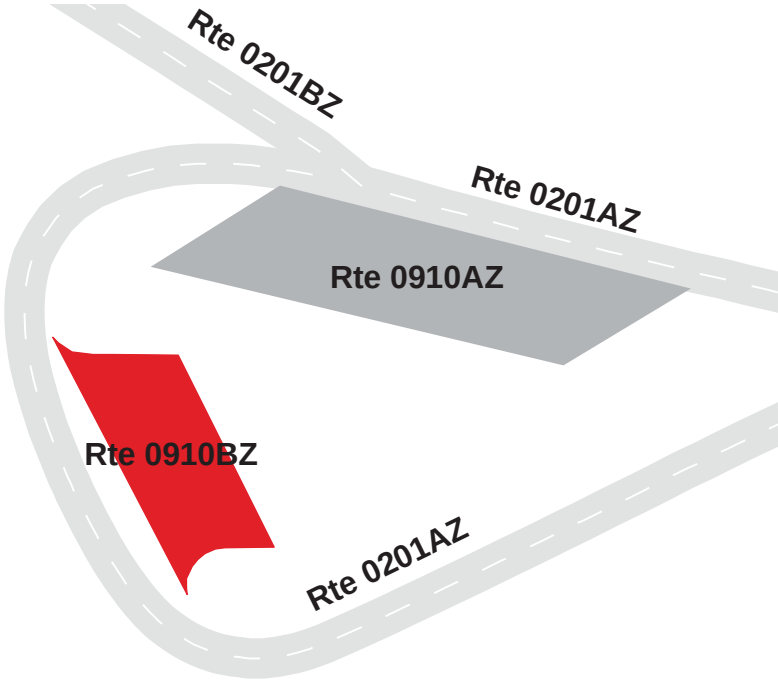
N

FORT MONROE NATIONAL MONUMENT
Route 0910BZ
BUILDING 248 PARKING B
ADJACENT TO ROUTE 0201AZ (BUILDING 248 ROAD A)

Subcomponent Record

Route Number	Public / NonPublic	Date Visited	Area (sq ft)	Lane Miles *	Surface Type
0910BZ	PUBLIC	2/7/2013	1,240	0.02	AS
Culverts	**Drop Inlets**	**Gates**	**Curb & Gutter**	**Curb**	**PCR**
0	0	0	CONCRETE CURB AND GUTTER	NO CURB	FAIR/73

* Lane miles are based on 11' lane widths



100 50 0 100 Feet

N

FORT MONROE NATIONAL MONUMENT
Route 0911
BATTERY CHURCH PARKING
FROM ROUTE 0010ZZ (FENWICK ROADS) ON LEFT
TO PARKING

Route Number	Public / NonPublic	Date Visited	Area (sq ft)	Lane Miles *	Surface Type
0911	PUBLIC	2/7/2013	6,545	0.11	AS
Culverts	**Drop Inlets**	**Gates**	**Curb & Gutter**	**Curb**	**PCR**
0	2	0	NO CURB AND GUTTER	NO CURB	POOR/45

* Lane miles are based on 11' lane widths

225 112.5 0 225
Feet

N

FORT MONROE NATIONAL MONUMENT
Route 0912ZZ
TENNIS COURT PARKING AREAS
ADJACENT TO ROUTE 0010ZZ (FENWICK ROADS)

Summary Record

Route Number	Public / NonPublic	Date Visited	Area (sq ft)	Lane Miles *	Surface Type
0912ZZ	PUBLIC	2/8/2013	6,812	0.12	AS
Culverts	**Drop Inlets**	**Gates**	**Curb & Gutter**	**Curb**	**PCR**
0	0	0	CONCRETE CURB AND GUTTER	NO CURB	SUMMARY/57

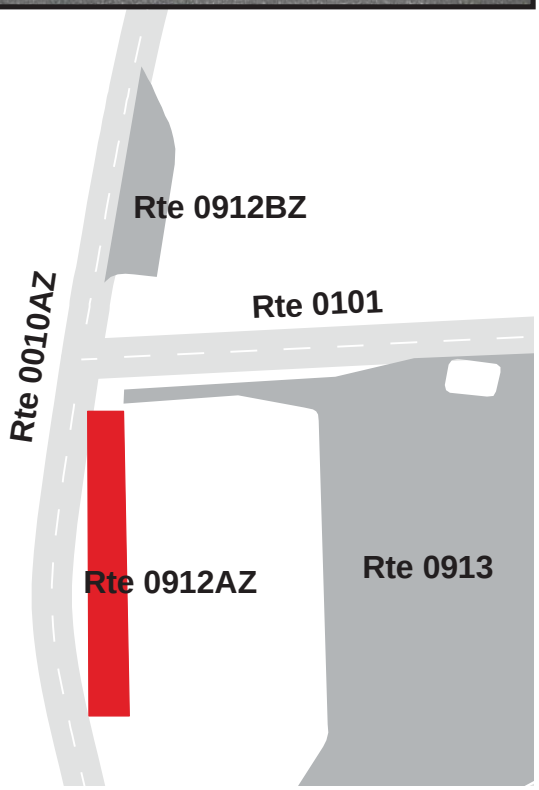
* Lane miles are based on 11' lane widths

FORT MONROE NATIONAL MONUMENT
Route 0912AZ
TENNIS COURT PARKING A
ADJACENT TO ROUTE 0010AZ (FENWICK ROAD) ON RIGHT

Subcomponent Record

Route Number	Public / NonPublic	Date Visited	Area (sq ft)	Lane Miles *	Surface Type
0912AZ	PUBLIC	2/8/2013	3,913	0.07	AS
Culverts	**Drop Inlets**	**Gates**	**Curb & Gutter**	**Curb**	**PCR**
0	0	0	CONCRETE CURB AND GUTTER	NO CURB	POOR/45

* Lane miles are based on 11' lane widths



270 135 0 270
Feet

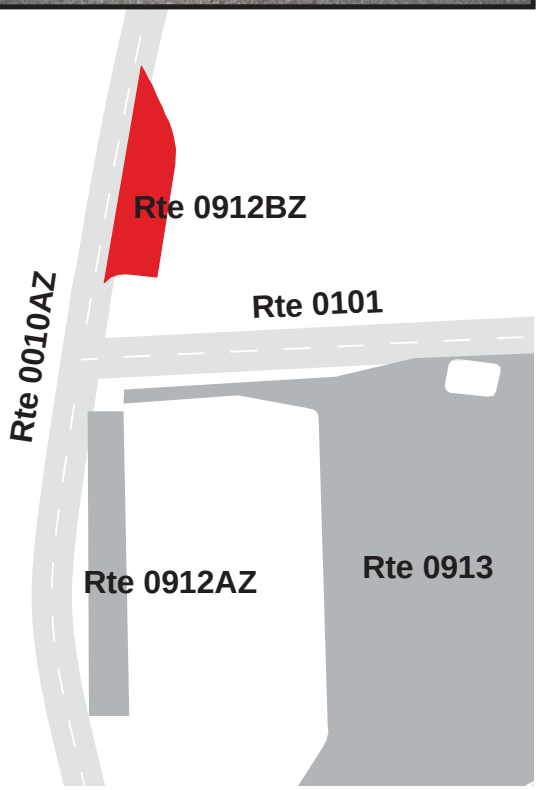
N

FORT MONROE NATIONAL MONUMENT
Route 0912BZ
TENNIS COURT PARKING B
ADJACENT TO ROUTE 0010AZ (FENWICK ROAD) ON RIGHT

Subcomponent Record

Route Number	Public / NonPublic	Date Visited	Area (sq ft)	Lane Miles *	Surface Type
0912BZ	PUBLIC	2/8/2013	2,899	0.05	AS
Culverts	**Drop Inlets**	**Gates**	**Curb & Gutter**	**Curb**	**PCR**
0	0	0	NO CURB AND GUTTER	NO CURB	FAIR/73

* Lane miles are based on 11' lane widths



270 135 0 270
Feet

N

FORT MONROE NATIONAL MONUMENT
Route 0913
O CLUB PARKING
FROM ROUTE 0101 (O CLUB ROAD) ON LEFT
TO ROUTE 0101 (O CLUB ROAD) ON LEFT

Route Number	Public / NonPublic	Date Visited	Area (sq ft)	Lane Miles *	Surface Type
0913	PUBLIC	2/7/2013	49,874	0.86	AS
Culverts	**Drop Inlets**	**Gates**	**Curb & Gutter**	**Curb**	**PCR**
0	4	0	CONCRETE CURB AND GUTTER	CONCRETE CURB	POOR/45

* Lane miles are based on 11' lane widths

270 135 0 270 Feet

FORT MONROE NATIONAL MONUMENT

Route 0914

BEACH CLUB PARKING

FROM ROUTE 0101 (O CLUB ROAD) ON RIGHT
TO PARKING

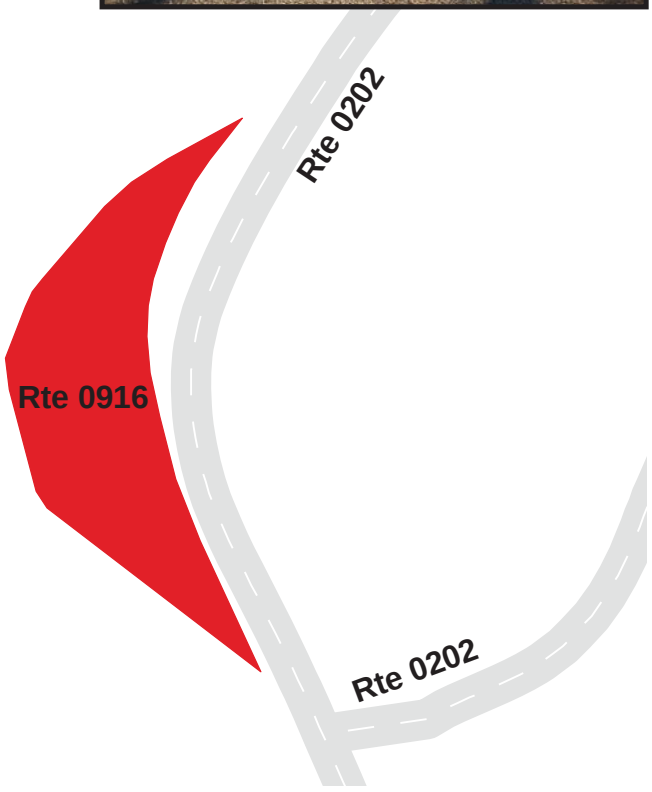
Route Number	Public / NonPublic	Date Visited	Area (sq ft)	Lane Miles *	Surface Type
0914	PUBLIC	2/7/2013	19,685	0.34	AS
Culverts	**Drop Inlets**	**Gates**	**Curb & Gutter**	**Curb**	**PCR**
0	2	0	NO CURB AND GUTTER	NO CURB	POOR/45

* Lane miles are based on 11' lane widths

FORT MONROE NATIONAL MONUMENT
Route 0916
THE COLONIES TRAVEL RESORT DUMPSITE PARKING
ADJACENT TO ROUTE 0202 (THE COLONIES TRAVEL RESORT ROAD) ON LEFT

Route Number	Public / NonPublic	Date Visited	Area (sq ft)	Lane Miles *	Surface Type
0916	PUBLIC	1/17/2014	8,014	0.14	AS
Culverts	**Drop Inlets**	**Gates**	**Curb & Gutter**	**Curb**	**PCR**
0	1	0	NO CURB AND GUTTER	NO CURB	POOR/45

* Lane miles are based on 11' lane widths

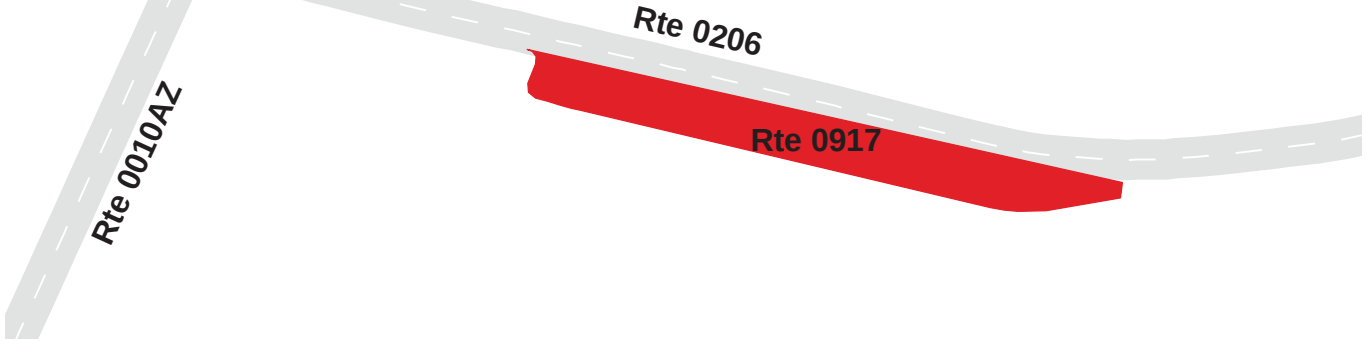


180 90 0 180 Feet

FORT MONROE NATIONAL MONUMENT
Route 0917
SHELTER 5 PARKING
ADJACENT TO ROUTE 0206 (SHELTER 5 ROAD)

Route Number	Public / NonPublic	Date Visited	Area (sq ft)	Lane Miles *	Surface Type
0917	PUBLIC	2/8/2013	4,294	0.07	AS
Culverts	**Drop Inlets**	**Gates**	**Curb & Gutter**	**Curb**	**PCR**
0	0	0	NO CURB AND GUTTER	NO CURB	FAIR/73

* Lane miles are based on 11' lane widths



180 90 0 180 Feet

N

FORT MONROE NATIONAL MONUMENT
Route 0918
COUNTRY STORE PARKING
FROM ROUTE 0010ZZ (FENWICK ROADS) ON LEFT
TO ROUTE 0010ZZ (FENWICK ROADS) ON LEFT

Route Number	Public / NonPublic	Date Visited	Area (sq ft)	Lane Miles *	Surface Type
0918	PUBLIC	2/8/2013	12,127	0.21	AS
Culverts	**Drop Inlets**	**Gates**	**Curb & Gutter**	**Curb**	**PCR**
0	0	0	NO CURB AND GUTTER	NO CURB	POOR/45

* Lane miles are based on 11' lane widths

FORT MONROE NATIONAL MONUMENT

Route 0919ZZ

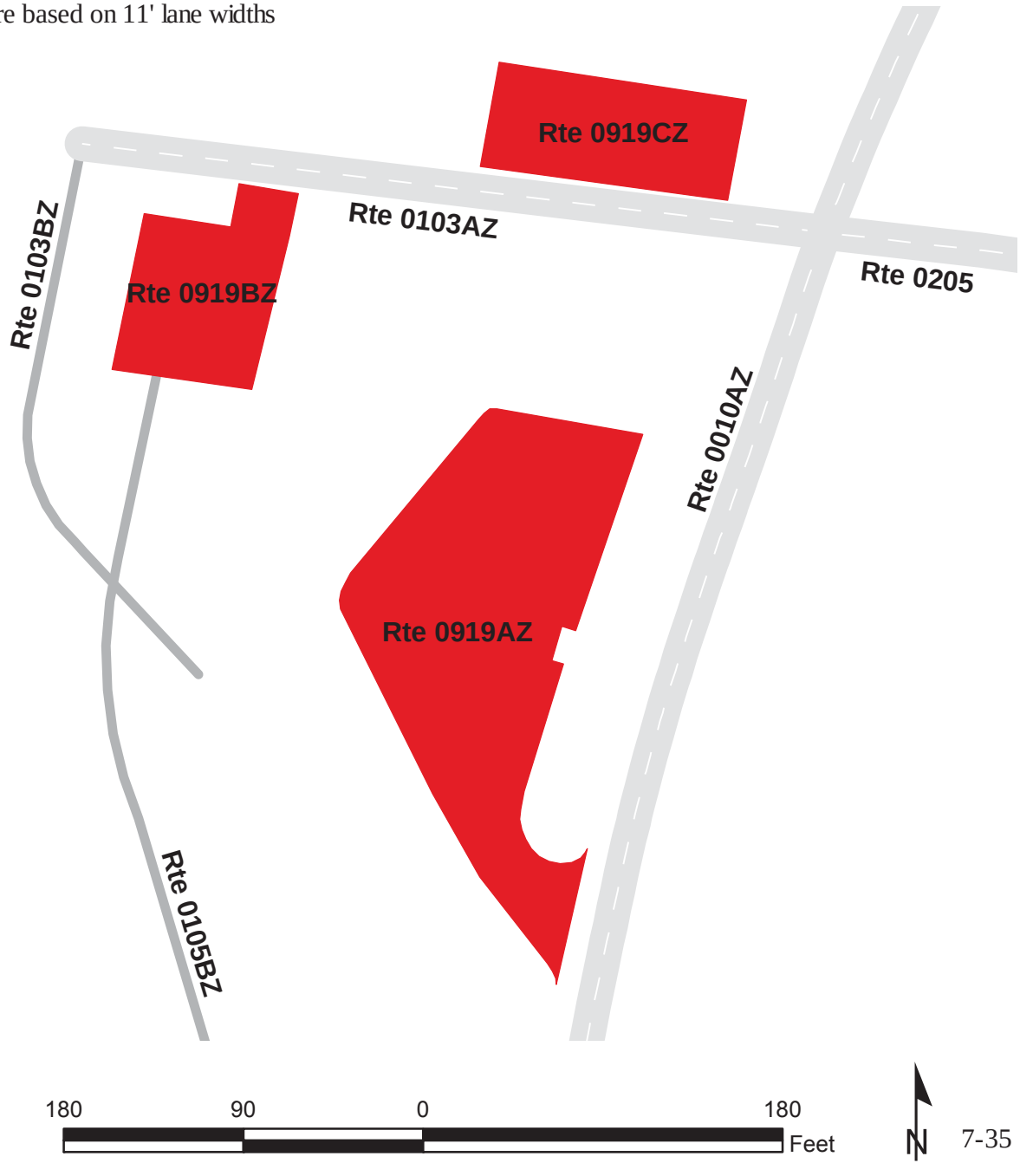
MILL CREEK OVERLOOK PARKING AREAS

FROM ROUTE 0010ZZ (FENWICK ROADS), ROUTE 0103
(MILL CREEK OVERLOOK ROAD), AND ROUTE 0105 (BUILDING 38 ROAD)
TO PARKING

Summary Record

Route Number	Public / NonPublic	Date Visited	Area (sq ft)	Lane Miles *	Surface Type
0919ZZ	PUBLIC	2/8/2013	26,780	0.46	AS
Culverts	**Drop Inlets**	**Gates**	**Curb & Gutter**	**Curb**	**PCR**
0	0	0	NO CURB AND GUTTER	NO CURB	SUMMARY/45

* Lane miles are based on 11' lane widths



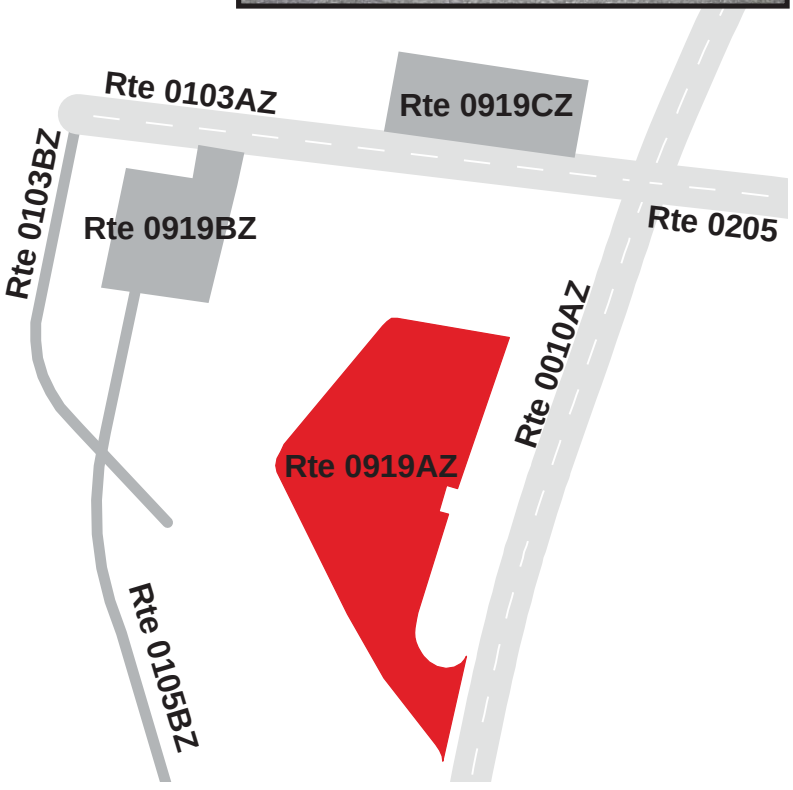
FORT MONROE NATIONAL MONUMENT
Route 0919AZ

MILL CREEK OVERLOOK LOWER PARKING
FROM ROUTE 0010AZ (FENWICK ROAD) ON LEFT
TO ROUTE 0103 (MILL CREEK OVERLOOK ROAD) UNPAVED SECTION

Subcomponent Record

Route Number	Public / NonPublic	Date Visited	Area (sq ft)	Lane Miles *	Surface Type
0919AZ	PUBLIC	2/8/2013	16,488	0.28	AS
Culverts	**Drop Inlets**	**Gates**	**Curb & Gutter**	**Curb**	**PCR**
0	0	0	NO CURB AND GUTTER	NO CURB	POOR/45

* Lane miles are based on 11' lane widths



270 135 0 270
Feet

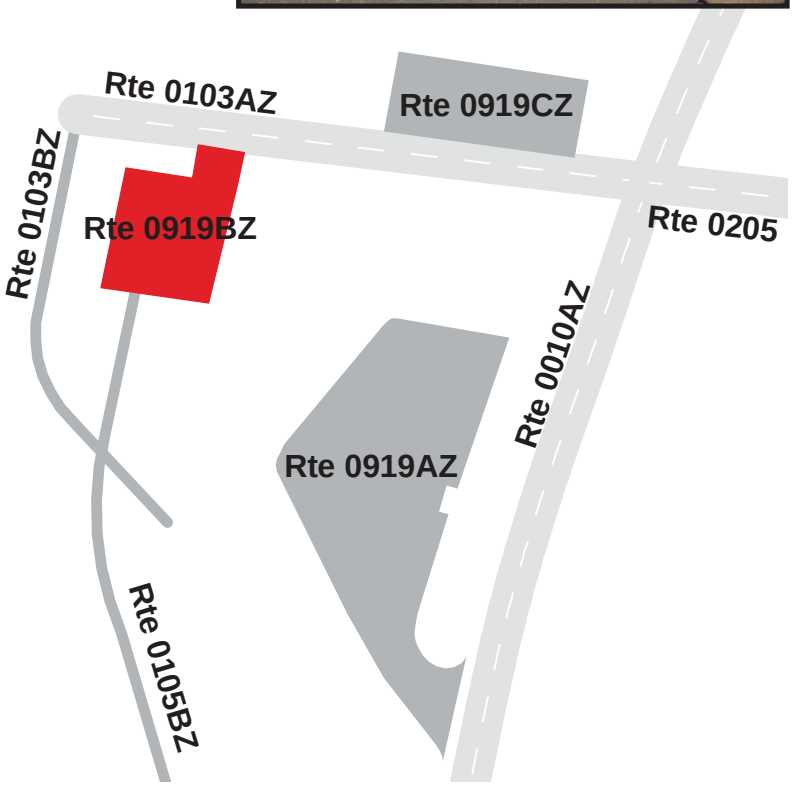
N

FORT MONROE NATIONAL MONUMENT
Route 0919BZ

MILL CREEK OVERLOOK UPPER PARKING
FROM END OF ROUTE 0105BZ (BUILDING 38 ROAD B)
TO ROUTE 0103 (MILL CREEK OVERLOOK ROAD)
Subcomponent Record

Route Number	Public / NonPublic	Date Visited	Area (sq ft)	Lane Miles *	Surface Type
0919BZ	PUBLIC	2/8/2013	5,081	0.09	CO
Culverts	**Drop Inlets**	**Gates**	**Curb & Gutter**	**Curb**	**PCR**
0	0	0	NO CURB AND GUTTER	NO CURB	POOR/45

* Lane miles are based on 11' lane widths



270 135 0 270
Feet

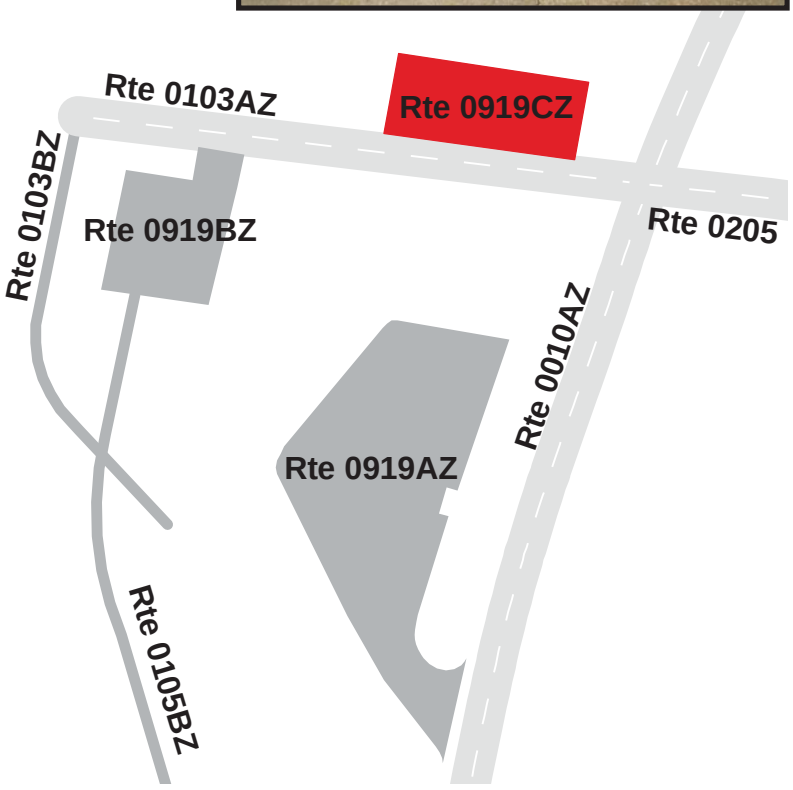
N

FORT MONROE NATIONAL MONUMENT
Route 0919CZ
MILL CREEK OVERLOOK TRAILSIDE PARKING
ADJACENT TO ROUTE 0103AZ (MILL CREEK OVERLOOK ROAD A)

Subcomponent Record

Route Number	Public / NonPublic	Date Visited	Area (sq ft)	Lane Miles *	Surface Type
0919CZ	PUBLIC	2/8/2013	5,211	0.09	CO
Culverts	**Drop Inlets**	**Gates**	**Curb & Gutter**	**Curb**	**PCR**
0	0	0	NO CURB AND GUTTER	NO CURB	POOR/45

* Lane miles are based on 11' lane widths



270 135 0 270 Feet

N

FORT MONROE NATIONAL MONUMENT
Route 0920ZZ
NORTH BEACH PARKING AREAS
ADJACENT TO ROUTE 0010ZZ (FENWICK ROADS) ON LEFT AND RIGHT

Summary Record

Route Number	Public / NonPublic	Date Visited	Area (sq ft)	Lane Miles *	Surface Type
0920ZZ	PUBLIC	2/8/2013	2,233	0.04	AS
Culverts	**Drop Inlets**	**Gates**	**Curb & Gutter**	**Curb**	**PCR**
0	0	0	NO CURB AND GUTTER	NO CURB	SUMMARY/45

* Lane miles are based on 11' lane widths

50 25 0 50 Feet

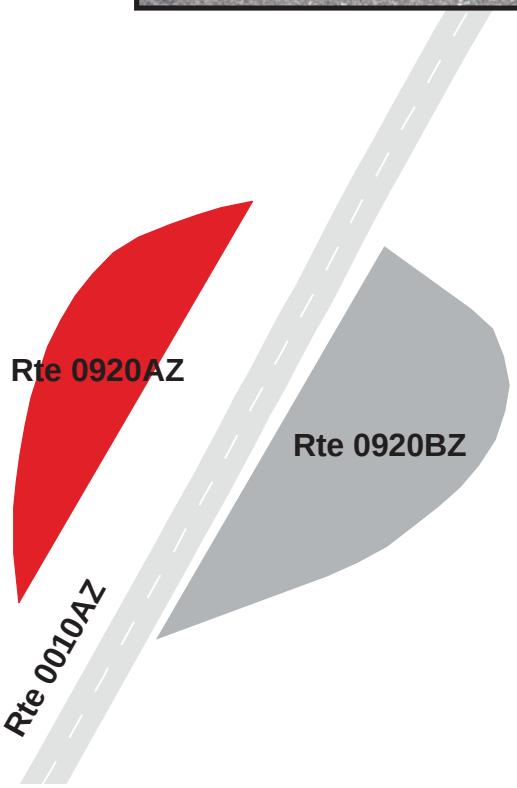
N

FORT MONROE NATIONAL MONUMENT
Route 0920AZ
NORTH BEACH PARKING 1
ADJACENT TO ROUTE 0010AZ (FENWICK ROAD) ON LEFT

Subcomponent Record

Route Number	Public / NonPublic	Date Visited	Area (sq ft)	Lane Miles *	Surface Type
0920AZ	PUBLIC	2/8/2013	791	0.01	AS
Culverts	**Drop Inlets**	**Gates**	**Curb & Gutter**	**Curb**	**PCR**
0	0	0	NO CURB AND GUTTER	NO CURB	POOR/45

* Lane miles are based on 11' lane widths



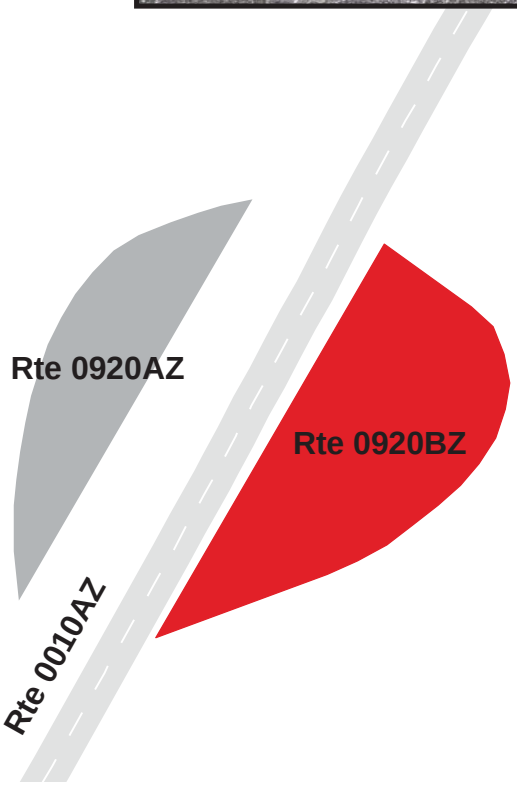
70 35 0 70 Feet

FORT MONROE NATIONAL MONUMENT
Route 0920BZ
NORTH BEACH PARKING 2
ADJACENT TO ROUTE 0010AZ (FENWICK ROAD) ON RIGHT

Subcomponent Record

Route Number	Public / NonPublic	Date Visited	Area (sq ft)	Lane Miles *	Surface Type
0920BZ	PUBLIC	2/8/2013	1,442	0.03	AS
Culverts	**Drop Inlets**	**Gates**	**Curb & Gutter**	**Curb**	**PCR**
0	0	0	NO CURB AND GUTTER	NO CURB	POOR/45

* Lane miles are based on 11' lane widths



70 35 0 70 Feet

FORT MONROE NATIONAL MONUMENT

Route 0924

NORTH FIELD PARKING AREA

FROM ROUTE 0010ZZ (FENWICK ROADS)

TO PARKING

Route Number	Public / NonPublic	Date Visited	Area (sq ft)	Lane Miles *	Surface Type
0924	PUBLIC	1/17/2014	10,808	0.19	CO
Culverts	**Drop Inlets**	**Gates**	**Curb & Gutter**	**Curb**	**PCR**
0	0	0	NO CURB AND GUTTER	NO CURB	POOR/45

* Lane miles are based on 11' lane widths

140 70 0 140 Feet

Section 8
Parkwide/Route
Maintenance Features Summaries

Fort Monroe National Monument

Federal Lands Highway
Road Inventory Program

FOMR: PARKWIDE MAINTENANCE FEATURES SUMMARY
Includes DCV, MRL, MRP & PKG routes collected in Cycle-5

Notice: Culverts and drop inlets were marked by NPS and inventoried by RIP in Cycle 5 on all DCV driven routes. Culverts and drop inlets were also collected on all Manually Rated Routes and Paved Parking areas. Those totals are reflected below.

FEATURE	LINEAR FEET	COUNT
BRIDGE	--	2
CATTLE GUARD	--	0
CULVERT	--	13
CURB	24,501	--
DROP INLET	--	143
GATE	--	3
GUARD/GUIDE RAIL	6,364	--
CABLE	0	--
NON-CABLE	6,364	--
GUARD/GUIDE WALL	0	--
BOLLARD	0	--
TEMPORARY BARRIER	0	--
NON TEMP/BOLLARD	0	--
INTERSECTION	--	327
LOW WATER CROSSING	0	0
MILE MARKER	--	0
OVERPASS	--	0
PARK BOUNDARY	--	1
PAVED DITCH	0	--
PULLOUT	502	2
RAILROAD CROSSING	--	0
RETAINING WALL	0	0
SIGN	--	264
STATE BOUNDARY	--	0
TRAFFIC LIGHT	--	18
TUNNEL	96	2

FOMR: DCV ROUTE MAINTENANCE FEATURES SUMMARY

Notice: Culverts and drop inlets were marked by NPS and inventoried by RIP in Cycle 5.

FEATURE	ROUTE 0010ZZ FENWICK ROADS	ROUTE 0100 BATTERY DERUSSY ROAD	ROUTE 0101 O CLUB ROAD	ROUTE 0103ZZ MILL CREEK OVERLOOK ROADS	ROUTE 0105ZZ BUILDING 38 ROADS	ROUTE 0200ZZ WALKER AIRFIELD ROADS	UNIT
BRIDGE	0	0	0	0	0	0	EACH
CATTLE GUARD	0	0	0	0	0	0	EACH
CULVERT	1	1	0	1	0	0	EACH
CURB	1,436	69	739	158	0	0	LINEAR FEET
DROP INLET	4	2	0	0	0	0	EACH
GATE	2	0	0	0	0	0	EACH
GUARD/GUIDE RAIL	0	0	0	0	0	0	LINEAR FEET
CABLE	0	0	0	0	0	0	LINEAR FEET
NON-CABLE	0	0	0	0	0	0	LINEAR FEET
GUARD/GUIDE WALL	0	0	0	0	0	0	LINEAR FEET
BOLLARD	0	0	0	0	0	0	LINEAR FEET
TEMPORARY BARRIER	0	0	0	0	0	0	LINEAR FEET
NON TEMP/BOLLARD	0	0	0	0	0	0	LINEAR FEET
INTERSECTION	45	5	9	6	4	61	EACH
LOW WATER CROSSING	0	0	0	0	0	0	EACH
LOW WATER CROSSING	0	0	0	0	0	0	LINEAR FEET
MILE MARKER	0	0	0	0	0	0	EACH
OVERPASS	0	0	0	0	0	0	EACH
PARK BOUNDARY	1	0	0	0	0	0	EACH
PAVED DITCH	0	0	0	0	0	0	LINEAR FEET
PULLOUT	1	0	0	0	0	0	EACH
PULLOUT	322	0	0	0	0	0	LINEAR FEET
RAILROAD CROSSING	0	0	0	0	0	0	EACH
RETAINING WALL	0	0	0	0	0	0	EACH
RETAINING WALL	0	0	0	0	0	0	LINEAR FEET
SIGN	21	1	4	0	0	1	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
TUNNEL	0	0	0	0	0	0	LINEAR FEET

FOMR: DCV ROUTE MAINTENANCE FEATURES SUMMARY

Notice: Culverts and drop inlets were marked by NPS and inventoried by RIP in Cycle 5.

FEATURE	ROUTE 0201ZZ BUILDING 248 ROADS	ROUTE 0202 THE COLONIES TRAVEL RESORT ROAD	ROUTE 0204 GULLICK DRIVE SOUTH SECTION	ROUTE 0205 GULLICK DRIVE NORTH SECTION	ROUTE 0206 SHELTER 5 ROAD	ROUTE 5002 PATCH ROAD	UNIT
BRIDGE	0	0	0	0	0	0	EACH
CATTLE GUARD	0	0	0	0	0	0	EACH
CULVERT	1	0	0	0	0	6	EACH
CURB	0	0	2,540	1,927	174	1,293	LINEAR FEET
DROP INLET	0	0	0	0	0	8	EACH
GATE	0	0	0	1	0	0	EACH
GUARD/GUIDE RAIL	0	0	2,471	1,917	0	1,157	LINEAR FEET
CABLE	0	0	0	0	0	0	LINEAR FEET
NON-CABLE	0	0	2,471	1,917	0	0	LINEAR FEET
GUARD/GUIDE WALL	0	0	0	0	0	0	LINEAR FEET
BOLLARD	0	0	0	0	0	0	LINEAR FEET
TEMPORARY BARRIER	0	0	0	0	0	0	LINEAR FEET
NON TEMP/BOLLARD	0	0	0	0	0	0	LINEAR FEET
INTERSECTION	14	7	3	5	5	32	EACH
LOW WATER CROSSING	0	0	0	0	0	0	EACH
LOW WATER CROSSING	0	0	0	0	0	0	LINEAR FEET
MILE MARKER	0	0	0	0	0	0	EACH
OVERPASS	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
PULLOUT	0	0	0	0	0	0	LINEAR FEET
RAILROAD CROSSING	0	0	0	0	0	0	EACH
RETAINING WALL	0	0	0	0	0	0	EACH
RETAINING WALL	0	0	0	0	0	0	LINEAR FEET
SIGN	1	29	3	0	1	45	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
TUNNEL	0	0	0	0	0	0	LINEAR FEET

FOMR: DCV ROUTE MAINTENANCE FEATURES SUMMARY

Notice: Culverts and drop inlets were marked by NPS and inventoried by RIP in Cycle 5.

FEATURE	ROUTE 5003 GRIFFITH STREET	ROUTE 5004 NORTH GATE	ROUTE 5005A MAIN GATE	ROUTE 5005B MAIN GATE SPUR / INGALLS ROAD	ROUTE 5006 FENWICK ROAD (NON NPS)	ROUTE 5008 BERNARD ROAD	UNIT
BRIDGE	0	1	1	0	0	0	EACH
CATTLE GUARD	0	0	0	0	0	0	EACH
CULVERT	1	0	1	0	1	0	EACH
CURB	84	26	375	538	7,820	5,047	LINEAR FEET
DROP INLET	3	0	3	5	33	33	EACH
GATE	0	0	0	0	0	0	EACH
GUARD/GUIDE RAIL	0	375	444	0	0	0	LINEAR FEET
CABLE	0	0	0	0	0	0	LINEAR FEET
NON-CABLE	0	375	444	0	0	0	LINEAR FEET
GUARD/GUIDE WALL	0	0	0	0	0	0	LINEAR FEET
BOLLARD	0	0	0	0	0	0	LINEAR FEET
TEMPORARY BARRIER	0	0	0	0	0	0	LINEAR FEET
NON TEMP/BOLLARD	0	0	0	0	0	0	LINEAR FEET
INTERSECTION	11	5	6	6	35	33	EACH
LOW WATER CROSSING	0	0	0	0	0	0	EACH
LOW WATER CROSSING	0	0	0	0	0	0	LINEAR FEET
MILE MARKER	0	0	0	0	0	0	EACH
OVERPASS	0	0	0	0	0	0	EACH
PARK BOUNDARY	0	0	0	0	0	0	EACH
PAVED DITCH	0	0	0	0	0	0	LINEAR FEET
PULLOUT	0	0	0	0	1	0	EACH
PULLOUT	0	0	0	0	180	0	LINEAR FEET
RAILROAD CROSSING	0	0	0	0	0	0	EACH
RETAINING WALL	0	0	0	0	0	0	EACH
RETAINING WALL	0	0	0	0	0	0	LINEAR FEET
SIGN	7	5	21	11	64	35	EACH
STATE BOUNDARY	0	0	0	0	0	0	EACH
TRAFFIC LIGHT	0	2	2	0	0	14	EACH
TUNNEL	0	1	1	0	0	0	EACH
TUNNEL	0	48	48	0	0	0	LINEAR FEET

FOMR: DCV ROUTE MAINTENANCE FEATURES SUMMARY

Notice: Culverts and drop inlets were marked by NPS and inventoried by RIP in Cycle 5.

FEATURE	ROUTE 5009A PARADE GROUND PARKING WEST ACCESS ROAD	ROUTE 5009B PARADE GROUND PARKING EAST ACCESS ROAD	ROUTE 5010 RUCKMAN ROAD	ROUTE 5011 MATHEWS LANE	ROUTE 5012 BOMFORD LANE		UNIT
BRIDGE	0	0	0	0	0		EACH
CATTLE GUARD	0	0	0	0	0		EACH
CULVERT	0	0	0	0	0		EACH
CURB	0	0	1,451	0	824		LINEAR FEET
DROP INLET	2	3	15	5	0		EACH
GATE	0	0	0	0	0		EACH
GUARD/GUIDE RAIL	0	0	0	0	0		LINEAR FEET
CABLE	0	0	0	0	0		LINEAR FEET
NON-CABLE	0	0	0	0	0		LINEAR FEET
GUARD/GUIDE WALL	0	0	0	0	0		LINEAR FEET
BOLLARD	0	0	0	0	0		LINEAR FEET
TEMPORARY BARRIER	0	0	0	0	0		LINEAR FEET
NON TEMP/BOLLARD	0	0	0	0	0		LINEAR FEET
INTERSECTION	8	8	8	7	4		EACH
LOW WATER CROSSING	0	0	0	0	0		EACH
LOW WATER CROSSING	0	0	0	0	0		LINEAR FEET
MILE MARKER	0	0	0	0	0		EACH
OVERPASS	0	0	0	0	0		EACH
PARK BOUNDARY	0	0	0	0	0		EACH
PAVED DITCH	0	0	0	0	0		LINEAR FEET
PULLOUT	0	0	0	0	0		EACH
PULLOUT	0	0	0	0	0		LINEAR FEET
RAILROAD CROSSING	0	0	0	0	0		EACH
RETAINING WALL	0	0	0	0	0		EACH
RETAINING WALL	0	0	0	0	0		LINEAR FEET
SIGN	4	3	4	4	0		EACH
STATE BOUNDARY	0	0	0	0	0		EACH
TRAFFIC LIGHT	0	0	0	0	0		EACH
TUNNEL	0	0	0	0	0		EACH
TUNNEL	0	0	0	0	0		LINEAR FEET

STRUCTURE LIST

No data available for this section.

Section 9
Route Maintenance Features
Road Logs

Fort Monroe National Monument

Federal Lands Highway
Road Inventory Program

FOMR: ROUTE MAINTENANCE FEATURES ROAD LOG

ROUTE 0010AZ: FENWICK ROAD

Notice: Culverts and drop inlets were marked by NPS and inventoried by RIP in Cycle 5 on all paved routes.

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.000	0.000	ROUTE BEGIN	N/A	FROM END OF ROUTE 5006 (FENWICK ROAD (NON NPS)) AT SOUTH PARK BOUNDARY
0.000	0.000	PARK BOUNDARY	N/A	N/A
0.000	0.000	INTERSECTION	N/A	ROUTE 5006 (FENWICK ROAD (NON NPS))
0.018	0.018	INTERSECTION	LEFT	ROUTE 0905 (BALLFIELD PARKING)
0.018	0.018	INTERSECTION	RIGHT	ROUTE 0906 (SOUTH BOUNDARY PARKING)
0.021	0.021	SIGN	RIGHT	WARNING, GRAPHIC SIGN NO TEXT
0.035	0.035	INTERSECTION	RIGHT	ROUTE 0100 (BATTERY DERUSSY ROAD)
0.039	0.039	SIGN	RIGHT	GUIDE, GULICK DR
0.045	0.045	CULVERT	N/A	N/A
0.108	0.108	INTERSECTION	LEFT	ROUTE 0907AZ (FENWICK ROAD PARKING A)
0.108	0.108	SIGN	RIGHT	WARNING, GRAPHIC SIGN NO TEXT
0.139	0.139	INTERSECTION	RIGHT	ROUTE 0100 (BATTERY DERUSSY ROAD)
0.142	0.291	CURB	RIGHT	N/A
0.143	0.143	SIGN	LEFT	WARNING, GRAPHIC SIGN NO TEXT
0.157	0.157	INTERSECTION	LEFT	ROUTE 0907BZ (FENWICK ROAD PARKING B)
0.185	0.185	INTERSECTION	LEFT	ROUTE 0200AZ (SOUTH WALKER AIRFIELD ACCESS ROAD)
0.225	0.225	INTERSECTION	LEFT	ROUTE 0907CZ (FENWICK ROAD PARKING C)
0.269	0.269	INTERSECTION	LEFT	ROUTE 0907DZ (FENWICK ROAD PARKING D)
0.287	0.287	INTERSECTION	LEFT	ROUTE 0201AZ (BUILDING 248 ROAD A)
0.298	0.406	CURB	RIGHT	N/A
0.302	0.302	INTERSECTION	LEFT	ROUTE 0911 (BATTERY CHURCH PARKING)
0.305	0.366	PULLOUT	LEFT	N/A
0.393	0.393	SIGN	LEFT	REGULATORY, SPEED LIMIT 35
0.405	0.405	DROP INLET	RIGHT	N/A
0.408	0.408	INTERSECTION	RIGHT	ROUTE 0101 (O CLUB ROAD)
0.418	0.418	INTERSECTION	RIGHT	ROUTE 0913 (O CLUB PARKING)
0.423	0.423	SIGN	RIGHT	WARNING, GRAPHIC SIGN NO TEXT
0.423	0.423	DROP INLET	RIGHT	N/A
0.423	0.423	SIGN	RIGHT	WARNING, GRAPHIC SIGN NO TEXT

FOMR: ROUTE MAINTENANCE FEATURES ROAD LOG

ROUTE 0010AZ: FENWICK ROAD

Notice: Culverts and drop inlets were marked by NPS and inventoried by RIP in Cycle 5 on all paved routes.

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.424	0.424	SIGN	RIGHT	GUIDE, ROSE CIR
0.425	0.425	SIGN	LEFT	WARNING, GRAPHIC SIGN NO TEXT
0.425	0.425	SIGN	LEFT	WARNING, GRAPHIC SIGN NO TEXT
0.460	0.460	DROP INLET	RIGHT	N/A
0.463	0.463	INTERSECTION	RIGHT	ROUTE 0912AZ (TENNIS COURT PARKING A)
0.484	0.484	INTERSECTION	RIGHT	ROUTE 0101 (O CLUB ROAD)
0.509	0.509	INTERSECTION	RIGHT	ROUTE 0912BZ (TENNIS COURT PARKING B)
0.538	0.538	INTERSECTION	LEFT	ROUTE 0203 (NORTH AIRFIELD UNPAVED ACCESS ROAD)
0.551	0.551	INTERSECTION	RIGHT	ROUTE 0010BZ (BATTERY ANDERSON-RUGGLES TURNAROUND)
0.569	0.569	INTERSECTION	RIGHT	ROUTE 0010BZ (BATTERY ANDERSON-RUGGLES TURNAROUND)
0.585	0.585	SIGN	RIGHT	GUIDE, TRAVEL PARK REGISTRATION PARKING
0.586	0.586	INTERSECTION	LEFT	ROUTE 0202 (THE COLONIES TRAVEL RESORT ROAD)
0.642	0.642	SIGN	RIGHT	REGULATORY, SPEED LIMIT 25
0.709	0.709	INTERSECTION	RIGHT	ROUTE 0206 (SHELTER 5 ROAD)
0.713	0.713	DROP INLET	RIGHT	N/A
0.745	0.745	SIGN	LEFT	REGULATORY, ONE WAY
0.749	0.749	INTERSECTION	LEFT	ROUTE 0918 (COUNTRY STORE PARKING)
0.769	0.769	INTERSECTION	RIGHT	ROUTE 0010CZ (NORTH FIELD ACCESS ROAD)
0.771	0.771	SIGN	LEFT	REGULATORY, ONE WAY
0.772	0.772	INTERSECTION	LEFT	ROUTE 0918 (COUNTRY STORE PARKING)
0.839	0.839	INTERSECTION	RIGHT	ROUTE 0010CZ (NORTH FIELD ACCESS ROAD)
0.841	0.841	INTERSECTION	LEFT	ROUTE 0105AZ (BUILDING 38 ROAD A)
0.918	0.918	INTERSECTION	LEFT	ROUTE 0919AZ (MILL CREEK OVERLOOK LOWER PARKING)
0.986	0.986	INTERSECTION	LEFT	ROUTE 0103AZ (MILL CREEK OVERLOOK ROAD A)
0.986	0.986	INTERSECTION	RIGHT	ROUTE 0205 (GULLICK DRIVE NORTH SECTION)
1.102	1.102	INTERSECTION	LEFT	ROUTE 0920AZ (NORTH BEACH PARKING 1)
1.102	1.102	INTERSECTION	RIGHT	ROUTE 0920BZ (NORTH BEACH PARKING 2)
1.114	1.114	SIGN	LEFT	REGULATORY, UNABLE TO READ FROM VIDEO
1.115	1.115	GATE	N/A	N/A

FOMR: ROUTE MAINTENANCE FEATURES ROAD LOG

ROUTE 0010AZ: FENWICK ROAD

Notice: Culverts and drop inlets were marked by NPS and inventoried by RIP in Cycle 5 on all paved routes.

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
1.115	1.115	SIGN	RIGHT	REGULATORY, ROSENBAUM
1.116	1.116	GATE	N/A	N/A
1.157	1.157	INTERSECTION	LEFT	ROUTE 0923AZ (NORTH BEACH UNPAVED PARKING 1)
1.194	1.194	INTERSECTION	LEFT	ROUTE 0923AZ (NORTH BEACH UNPAVED PARKING 1)
1.210	1.210	SIGN	RIGHT	GUIDE, 2.75 MILE TURN
1.234	1.234	INTERSECTION	LEFT	ROUTE 0923BZ (NORTH BEACH UNPAVED PARKING 2)
1.234	1.234	SIGN	RIGHT	REGULATORY, NO PARKING
1.460	1.460	SIGN	RIGHT	GUIDE, UNABLE TO READ FROM VIDEO
1.463	1.463	SIGN	RIGHT	GUIDE, UNABLE TO READ FROM VIDEO
1.646	1.646	SIGN	RIGHT	GUIDE, 3.25 MILE TURN
1.666	1.666	INTERSECTION	N/A	TO DEAD END
1.666	1.666	ROUTE END	N/A	TO END

FOMR: ROUTE MAINTENANCE FEATURES ROAD LOG

ROUTE 0010BZ: BATTERY ANDERSON-RUGGLES TURNAROUND

Notice: Culverts and drop inlets were marked by NPS and inventoried by RIP in Cycle 5 on all paved routes.

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.000	0.000	ROUTE BEGIN	N/A	FROM ROUTE 0010AZ (FENWICK ROAD)
0.000	0.000	INTERSECTION	RIGHT	ROUTE 0010AZ (FENWICK ROAD)
0.000	0.000	INTERSECTION	LEFT	ROUTE 0010AZ (FENWICK ROAD)
0.004	0.014	CURB	RIGHT	N/A
0.015	0.020	CURB	RIGHT	N/A
0.022	0.022	INTERSECTION	LEFT	ROUTE 0010AZ (FENWICK ROAD)
0.022	0.022	INTERSECTION	RIGHT	ROUTE 0010AZ (FENWICK ROAD)
0.022	0.022	ROUTE END	N/A	TO ROUTE 0010AZ (FENWICK ROAD)

FOMR: ROUTE MAINTENANCE FEATURES ROAD LOG

ROUTE 0010CZ: NORTH FIELD ACCESS ROAD

Notice: Culverts and drop inlets were marked by NPS and inventoried by RIP in Cycle 5 on all paved routes.

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.000	0.000	ROUTE BEGIN	N/A	FROM ROUTE 0010AZ (FENWICK ROAD)
0.000	0.000	INTERSECTION	LEFT	ROUTE 0010AZ (FENWICK ROAD)
0.000	0.000	INTERSECTION	N/A	ROUTE 0010AZ (FENWICK ROAD)
0.042	0.042	INTERSECTION	RIGHT	ROUTE 0924 (NORTH FIELD PARKING AREA)
0.063	0.063	INTERSECTION	LEFT	ROUTE 0010AZ (FENWICK ROAD)
0.063	0.063	INTERSECTION	RIGHT	ROUTE 0010AZ (FENWICK ROAD)
0.063	0.063	ROUTE END	N/A	TO ROUTE 0010AZ (FENWICK ROAD)

FOMR: ROUTE MAINTENANCE FEATURES ROAD LOG

ROUTE 0100: BATTERY DERUSSY ROAD

Notice: Culverts and drop inlets were marked by NPS and inventoried by RIP in Cycle 5 on all paved routes.

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.000	0.000	ROUTE BEGIN	N/A	FROM ROUTE 0010ZZ (FENWICK ROADS) ON RIGHT
0.000	0.000	INTERSECTION	RIGHT	ROUTE 0010AZ (FENWICK ROAD)
0.000	0.000	INTERSECTION	LEFT	ROUTE 0010AZ (FENWICK ROAD)
0.008	0.021	CURB	LEFT	N/A
0.031	0.031	DROP INLET	RIGHT	N/A
0.085	0.085	INTERSECTION	RIGHT	ROUTE 0908 (BATTERY DERUSSY PARKING)
0.119	0.119	DROP INLET	RIGHT	N/A
0.148	0.148	CULVERT	N/A	N/A
0.161	0.161	INTERSECTION	LEFT	ROUTE 0010AZ (FENWICK ROAD)
0.161	0.161	INTERSECTION	RIGHT	ROUTE 0010AZ (FENWICK ROAD)
0.161	0.161	SIGN	RIGHT	GUIDE, FENWICK RD
0.161	0.161	ROUTE END	N/A	TO ROUTE 0010ZZ (FENWICK ROADS) ON RIGHT

FOMR: ROUTE MAINTENANCE FEATURES ROAD LOG

ROUTE 0101: O CLUB ROAD

Notice: Culverts and drop inlets were marked by NPS and inventoried by RIP in Cycle 5 on all paved routes.

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.000	0.000	ROUTE BEGIN	N/A	FROM ROUTE 0010ZZ (FENWICK ROADS) ON LEFT
0.000	0.000	INTERSECTION	LEFT	ROUTE 0010AZ (FENWICK ROAD)
0.000	0.000	INTERSECTION	RIGHT	ROUTE 0010AZ (FENWICK ROAD)
0.004	0.004	SIGN	LEFT	GUIDE, UNABLE TO READ FROM VIDEO
0.004	0.017	CURB	RIGHT	N/A
0.025	0.041	CURB	RIGHT	N/A
0.034	0.034	INTERSECTION	LEFT	ROUTE 0913 (O CLUB PARKING)
0.055	0.055	INTERSECTION	RIGHT	ROUTE 0914 (BEACH CLUB PARKING)
0.061	0.076	CURB	RIGHT	N/A
0.082	0.082	INTERSECTION	RIGHT	ROUTE 0204 (GULLICK DRIVE SOUTH SECTION)
0.082	0.106	CURB	RIGHT	N/A
0.085	0.085	SIGN	RIGHT	REGULATORY, NO PARKING
0.111	0.126	CURB	RIGHT	N/A
0.116	0.116	SIGN	LEFT	REGULATORY, DO NOT ENTER
0.128	0.181	CURB	RIGHT	N/A
0.134	0.134	INTERSECTION	LEFT	ROUTE 0913 (O CLUB PARKING)
0.146	0.150	CURB	LEFT	N/A
0.162	0.162	INTERSECTION	LEFT	ROUTE 0913 (O CLUB PARKING)
0.178	0.178	SIGN	RIGHT	REGULATORY, STOP
0.183	0.183	INTERSECTION	RIGHT	ROUTE 0010AZ (FENWICK ROAD)
0.183	0.183	INTERSECTION	LEFT	ROUTE 0010AZ (FENWICK ROAD)
0.183	0.183	ROUTE END	N/A	TO ROUTE 0010ZZ (FENWICK ROADS) ON LEFT

FOMR: ROUTE MAINTENANCE FEATURES ROAD LOG

ROUTE 0103AZ: MILL CREEK OVERLOOK ROAD A

Notice: Culverts and drop inlets were marked by NPS and inventoried by RIP in Cycle 5 on all paved routes.

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.000	0.000	ROUTE BEGIN	N/A	FROM INTERSECTION OF ROUTE 0010ZZ (FENWICK ROADS) AND ROUTE 0205 (GULLICK DRIVE NORTH SECTION)
0.000	0.000	INTERSECTION	LEFT	ROUTE 0010AZ (FENWICK ROAD)
0.000	0.000	INTERSECTION	N/A	ROUTE 0205 (GULLICK DRIVE NORTH SECTION)
0.000	0.000	INTERSECTION	RIGHT	ROUTE 0010AZ (FENWICK ROAD)
0.010	0.032	CURB	LEFT	N/A
0.017	0.017	INTERSECTION	RIGHT	ROUTE 0919CZ (MILL CREEK OVERLOOK TRAILSIDE PARKING)
0.034	0.034	INTERSECTION	LEFT	ROUTE 0919BZ (MILL CREEK OVERLOOK UPPER PARKING)
0.037	0.045	CURB-AND-GUTTER	LEFT	N/A
0.045	0.045	INTERSECTION	N/A	ROUTE 0103BZ (MILL CREEK OVERLOOK ROAD B)
0.045	0.045	ROUTE END	N/A	TO INTERSECTION OF ROUTE 0103BZ (MILL CREEK OVERLOOK ROAD B)

FOMR: ROUTE MAINTENANCE FEATURES ROAD LOG

ROUTE 0105AZ: BUILDING 38 ROAD A

Notice: Culverts and drop inlets were marked by NPS and inventoried by RIP in Cycle 5 on all paved routes.

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.000	0.000	ROUTE BEGIN	N/A	FROM ROUTE 0010ZZ (FENWICK ROADS)
0.000	0.000	INTERSECTION	LEFT	ROUTE 0010AZ (FENWICK ROAD)
0.000	0.000	INTERSECTION	RIGHT	ROUTE 0010AZ (FENWICK ROAD)
0.026	0.026	INTERSECTION	LEFT	ROUTE 0922 (BUILDING 38 UNPAVED PARKING)
0.058	0.058	INTERSECTION	N/A	ROUTE 0105BZ (BUILDING 38 ROAD B)
0.058	0.058	ROUTE END	N/A	TO BEGINNING OF ROUTE 0105AZ (BUILDING 38 ROAD A)

FOMR: ROUTE MAINTENANCE FEATURES ROAD LOG

ROUTE 0200AZ: SOUTH WALKER AIRFIELD ACCESS ROAD

Notice: Culverts and drop inlets were marked by NPS and inventoried by RIP in Cycle 5 on all paved routes.

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.000	0.000	ROUTE BEGIN	N/A	FROM ROUTE 0010AZ (FENWICK ROAD) ON LEFT
0.000	0.000	INTERSECTION	LEFT	ROUTE 0010AZ (FENWICK ROAD)
0.000	0.000	INTERSECTION	RIGHT	ROUTE 0010AZ (FENWICK ROAD)
0.007	0.007	SIGN	LEFT	REGULATORY, STOP
0.038	0.038	INTERSECTION	RIGHT	ROUTE 0900AZ (PARADE GROUND PARKING A)
0.057	0.057	INTERSECTION	LEFT	ROUTE 0900BZ (PARADE GROUND PARKING B)
0.057	0.057	INTERSECTION	RIGHT	ROUTE 0900CZ (PARADE GROUND PARKING C)
0.089	0.089	INTERSECTION	RIGHT	ROUTE 0200CZ (WALKER AIRFIELD ROAD 2)
0.114	0.114	INTERSECTION	RIGHT	ROUTE 0200BZ (WALKER AIRFIELD ROAD 1)
0.125	0.125	INTERSECTION	LEFT	ROUTE 0200DZ (WALKER AIRFIELD RUNWAY ROAD)
0.125	0.125	INTERSECTION	RIGHT	ROUTE 0200DZ (WALKER AIRFIELD RUNWAY ROAD)
0.125	0.125	ROUTE END	N/A	TO ROUTE 0200DZ (WALKER AIRFIELD RUNWAY ROAD)

FOMR: ROUTE MAINTENANCE FEATURES ROAD LOG

ROUTE 0200BZ: WALKER AIRFIELD ROAD 1

Notice: Culverts and drop inlets were marked by NPS and inventoried by RIP in Cycle 5 on all paved routes.

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.000	0.000	ROUTE BEGIN	N/A	FROM ROUTE 0200EZ (WALKER AIRFIELD CUT-THROUGH 1)
0.000	0.000	INTERSECTION	N/A	ROUTE 0909DZ (WALKER AIRFIELD OVERFLOW PARKING D)
0.000	0.000	INTERSECTION	RIGHT	ROUTE 0200EZ (WALKER AIRFIELD CUT-THROUGH 1)
0.018	0.018	INTERSECTION	LEFT	ROUTE 0201BZ (BUILDING 248 ROAD B)
0.018	0.018	INTERSECTION	RIGHT	ROUTE 0200FZ (WALKER AIRFIELD CUT-THROUGH 2)
0.029	0.029	INTERSECTION	RIGHT	ROUTE 0200GZ (WALKER AIRFIELD CUT-THROUGH 3)
0.040	0.040	INTERSECTION	RIGHT	ROUTE 0200HZ (WALKER AIRFIELD CUT-THROUGH 4)
0.054	0.054	INTERSECTION	RIGHT	ROUTE 0200IZ (WALKER AIRFIELD CUT-THROUGH 5)
0.062	0.062	INTERSECTION	RIGHT	ROUTE 0200JZ (WALKER AIRFIELD CUT-THROUGH 6)
0.077	0.077	INTERSECTION	RIGHT	ROUTE 0200KZ (WALKER AIRFIELD CUT-THROUGH 7)
0.089	0.089	INTERSECTION	RIGHT	ROUTE 0200LZ (WALKER AIRFIELD CUT-THROUGH 8)
0.089	0.089	INTERSECTION	LEFT	PAVED PARKING
0.101	0.101	INTERSECTION	RIGHT	ROUTE 0200MZ (WALKER AIRFIELD CUT-THROUGH 9)
0.112	0.112	INTERSECTION	RIGHT	ROUTE 0200NZ (WALKER AIRFIELD CUT-THROUGH 10)
0.124	0.124	INTERSECTION	RIGHT	ROUTE 0200OZ (WALKER AIRFIELD CUT-THROUGH 11)
0.135	0.135	INTERSECTION	RIGHT	ROUTE 0200PZ (WALKER AIRFIELD CUT-THROUGH 12)
0.145	0.145	INTERSECTION	RIGHT	ROUTE 0200QZ (WALKER AIRFIELD CUT-THROUGH 13)
0.150	0.150	INTERSECTION	LEFT	ROUTE 0200AZ (SOUTH WALKER AIRFIELD ACCESS ROAD)
0.150	0.150	INTERSECTION	RIGHT	ROUTE 0200AZ (SOUTH WALKER AIRFIELD ACCESS ROAD)
0.150	0.150	ROUTE END	N/A	TO ROUTE 0200AZ (SOUTH WALKER AIRFIELD ACCESS ROAD)

FOMR: ROUTE MAINTENANCE FEATURES ROAD LOG

ROUTE 0200CZ: WALKER AIRFIELD ROAD 2

Notice: Culverts and drop inlets were marked by NPS and inventoried by RIP in Cycle 5 on all paved routes.

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.000	0.000	ROUTE BEGIN	N/A	FROM ROUTE 0200EZ (WALKER AIRFIELD CUT-THROUGH 1)
0.000	0.000	INTERSECTION	LEFT	ROUTE 0200EZ (WALKER AIRFIELD CUT-THROUGH 1)
0.000	0.000	INTERSECTION	RIGHT	ROUTE 0200EZ (WALKER AIRFIELD CUT-THROUGH 1)
0.018	0.018	INTERSECTION	LEFT	ROUTE 0200FZ (WALKER AIRFIELD CUT-THROUGH 2)
0.018	0.018	INTERSECTION	RIGHT	ROUTE 0200FZ (WALKER AIRFIELD CUT-THROUGH 2)
0.029	0.029	INTERSECTION	LEFT	ROUTE 0200GZ (WALKER AIRFIELD CUT-THROUGH 3)
0.041	0.041	INTERSECTION	LEFT	ROUTE 0200HZ (WALKER AIRFIELD CUT-THROUGH 4)
0.052	0.052	INTERSECTION	LEFT	ROUTE 0200IZ (WALKER AIRFIELD CUT-THROUGH 5)
0.064	0.064	INTERSECTION	LEFT	ROUTE 0200JZ (WALKER AIRFIELD CUT-THROUGH 6)
0.077	0.077	INTERSECTION	LEFT	ROUTE 0200KZ (WALKER AIRFIELD CUT-THROUGH 7)
0.091	0.091	INTERSECTION	LEFT	ROUTE 0200LZ (WALKER AIRFIELD CUT-THROUGH 8)
0.101	0.101	INTERSECTION	LEFT	ROUTE 0200MZ (WALKER AIRFIELD CUT-THROUGH 9)
0.113	0.113	INTERSECTION	LEFT	ROUTE 0200NZ (WALKER AIRFIELD CUT-THROUGH 10)
0.124	0.124	INTERSECTION	LEFT	ROUTE 0200OZ (WALKER AIRFIELD CUT-THROUGH 11)
0.136	0.136	INTERSECTION	LEFT	ROUTE 0200PZ (WALKER AIRFIELD CUT-THROUGH 12)
0.147	0.147	INTERSECTION	LEFT	ROUTE 0200QZ (WALKER AIRFIELD CUT-THROUGH 13)
0.166	0.166	INTERSECTION	LEFT	ROUTE 0200AZ (SOUTH WALKER AIRFIELD ACCESS ROAD)
0.166	0.166	INTERSECTION	RIGHT	ROUTE 0200AZ (SOUTH WALKER AIRFIELD ACCESS ROAD)
0.166	0.166	ROUTE END	N/A	TO ROUTE 0200AZ (SOUTH WALKER AIRFIELD ACCESS ROAD)

FOMR: ROUTE MAINTENANCE FEATURES ROAD LOG

ROUTE 0200DZ: WALKER AIRFIELD RUNWAY ROAD

Notice: Culverts and drop inlets were marked by NPS and inventoried by RIP in Cycle 5 on all paved routes.

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.000	0.000	ROUTE BEGIN	N/A	FROM NORTH END OF RUNWAY
0.000	0.000	INTERSECTION	LEFT	ROUTE 0203 (NORTH AIRFIELD UNPAVED ACCESS ROAD)
0.199	0.199	INTERSECTION	LEFT	ROUTE 0200EZ (WALKER AIRFIELD CUT-THROUGH 1)
0.223	0.223	INTERSECTION	LEFT	ROUTE 0200FZ (WALKER AIRFIELD CUT-THROUGH 2)
0.381	0.381	INTERSECTION	LEFT	ROUTE 0200AZ (SOUTH WALKER AIRFIELD ACCESS ROAD)
0.519	0.519	INTERSECTION	N/A	TO DEAD END AT BASKETBALL COURT
0.519	0.519	ROUTE END	N/A	TO SOUTH END OF RUNWAY

FOMR: ROUTE MAINTENANCE FEATURES ROAD LOG

ROUTE 0200EZ: WALKER AIRFIELD CUT-THROUGH 1

Notice: Culverts and drop inlets were marked by NPS and inventoried by RIP in Cycle 5 on all paved routes.

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.000	0.000	ROUTE BEGIN	N/A	FROM ROUTE 0200BZ (WALKER AIRFIELD ROAD 1)
0.000	0.000	INTERSECTION	LEFT	ROUTE 0200BZ (WALKER AIRFIELD ROAD 1)
0.006	0.006	INTERSECTION	RIGHT	ROUTE 0909DZ (WALKER AIRFIELD OVERFLOW PARKING D)
0.021	0.021	INTERSECTION	LEFT	ROUTE 0200CZ (WALKER AIRFIELD ROAD 2)
0.030	0.030	INTERSECTION	LEFT	ROUTE 0200DZ (WALKER AIRFIELD RUNWAY ROAD)
0.030	0.030	INTERSECTION	RIGHT	ROUTE 0200DZ (WALKER AIRFIELD RUNWAY ROAD)
0.030	0.030	ROUTE END	N/A	TO ROUTE 0200DZ (WALKER AIRFIELD RUNWAY ROAD)

FOMR: ROUTE MAINTENANCE FEATURES ROAD LOG

ROUTE 0200FZ: WALKER AIRFIELD CUT-THROUGH 2

Notice: Culverts and drop inlets were marked by NPS and inventoried by RIP in Cycle 5 on all paved routes.

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.000	0.000	ROUTE BEGIN	N/A	FROM ROUTE 0200BZ (WALKER AIRFIELD ROAD 1)
0.000	0.000	INTERSECTION	RIGHT	ROUTE 0200BZ (WALKER AIRFIELD ROAD 1)
0.000	0.000	INTERSECTION	LEFT	ROUTE 0200BZ (WALKER AIRFIELD ROAD 1)
0.000	0.000	INTERSECTION	N/A	ROUTE 0201BZ (BUILDING 248 ROAD B)
0.018	0.018	INTERSECTION	LEFT	ROUTE 0200CZ (WALKER AIRFIELD ROAD 2)
0.018	0.018	INTERSECTION	RIGHT	ROUTE 0200CZ (WALKER AIRFIELD ROAD 2)
0.031	0.031	INTERSECTION	LEFT	ROUTE 0200DZ (WALKER AIRFIELD RUNWAY ROAD)
0.031	0.031	INTERSECTION	RIGHT	ROUTE 0200DZ (WALKER AIRFIELD RUNWAY ROAD)
0.031	0.031	ROUTE END	N/A	TO ROUTE 0200DZ (WALKER AIRFIELD RUNWAY ROAD)

FOMR: ROUTE MAINTENANCE FEATURES ROAD LOG

ROUTE 0201AZ: BUILDING 248 ROAD A

Notice: Culverts and drop inlets were marked by NPS and inventoried by RIP in Cycle 5 on all paved routes.

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.000	0.000	ROUTE BEGIN	N/A	FROM ROUTE 0010AZ (FENWICK ROAD) ON LEFT
0.000	0.000	INTERSECTION	LEFT	ROUTE 0010AZ (FENWICK ROAD)
0.000	0.000	INTERSECTION	RIGHT	ROUTE 0010AZ (FENWICK ROAD)
0.005	0.005	SIGN	LEFT	REGULATORY, STOP
0.031	0.031	INTERSECTION	LEFT	ROUTE 0201AZ (BUILDING 248 ROAD A)
0.050	0.050	INTERSECTION	LEFT	ROUTE 0910AZ (BUILDING 248 PARKING A)
0.056	0.056	INTERSECTION	RIGHT	ROUTE 0201BZ (BUILDING 248 ROAD B)
0.079	0.079	INTERSECTION	LEFT	ROUTE 0910BZ (BUILDING 248 PARKING B)
0.101	0.101	CULVERT	N/A	N/A
0.121	0.121	INTERSECTION	RIGHT	ROUTE 0201AZ (BUILDING 248 ROAD A)
0.121	0.121	INTERSECTION	LEFT	ROUTE 0201AZ (BUILDING 248 ROAD A)
0.121	0.121	ROUTE END	N/A	TO END OF LOOP

FOMR: ROUTE MAINTENANCE FEATURES ROAD LOG

ROUTE 0201BZ: BUILDING 248 ROAD B

Notice: Culverts and drop inlets were marked by NPS and inventoried by RIP in Cycle 5 on all paved routes.

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.000	0.000	ROUTE BEGIN	N/A	FROM ROUTE 0201AZ (BUILDING 248 ROAD A)
0.000	0.000	INTERSECTION	LEFT	ROUTE 0201AZ (BUILDING 248 ROAD A)
0.000	0.000	INTERSECTION	N/A	ROUTE 0910AZ (BUILDING 248 PARKING A)
0.000	0.000	INTERSECTION	RIGHT	ROUTE 0201AZ (BUILDING 248 ROAD A)
0.021	0.021	INTERSECTION	LEFT	ROUTE 0200BZ (WALKER AIRFIELD ROAD 1)
0.021	0.021	INTERSECTION	N/A	ROUTE 0200FZ (WALKER AIRFIELD CUT-THROUGH 2)
0.021	0.021	INTERSECTION	RIGHT	ROUTE 0200BZ (WALKER AIRFIELD ROAD 1)
0.021	0.021	ROUTE END	N/A	TO INTERSECTION OF ROUTE 0200BZ (WALKER AIRFIELD ROAD 1) AND ROUTE 0200FZ (WALKER AIRFIELD CUT-THROUGH 2)

FOMR: ROUTE MAINTENANCE FEATURES ROAD LOG

ROUTE 0202: THE COLONIES TRAVEL RESORT ROAD

Notice: Culverts and drop inlets were marked by NPS and inventoried by RIP in Cycle 5 on all paved routes.

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.000	0.000	ROUTE BEGIN	N/A	FROM ROUTE 0010ZZ (FENWICK ROADS) ON LEFT
0.000	0.000	INTERSECTION	LEFT	ROUTE 0010AZ (FENWICK ROAD)
0.000	0.000	INTERSECTION	RIGHT	ROUTE 0010AZ (FENWICK ROAD)
0.009	0.009	SIGN	RIGHT	GUIDE, REGISTERED GUESTS ONLY
0.017	0.017	SIGN	RIGHT	WARNING, CAUTION
0.017	0.017	SIGN	RIGHT	WARNING, CAUTION
0.052	0.052	INTERSECTION	RIGHT	ROUTE 0915 (THE COLONIES TRAVEL RESORT PARKING)
0.075	0.075	SIGN	RIGHT	GUIDE, THIS FACILITY WAS FUNDED BY FORT MONROE ENERGY SAVINGS AWARD IN 1986
0.075	0.075	SIGN	RIGHT	GUIDE, WELCOME TO THE COLONIES TRAVEL PARK
0.078	0.078	SIGN	LEFT	REGULATORY, GRAPHIC SIGN NO TEXT
0.086	0.086	INTERSECTION	RIGHT	ROUTE 0202 (THE COLONIES TRAVEL RESORT ROAD)
0.091	0.091	SIGN	RIGHT	GUIDE, NO PARKING ON THE GRASS CLEAN UP AFTER YOUR PET
0.095	0.311	ONE-WAY	N/A	N/A
0.118	0.118	INTERSECTION	LEFT	ROUTE 0916 (THE COLONIES TRAVEL RESORT DUMPSITE PARKING)
0.123	0.123	SIGN	LEFT	GUIDE, UNABLE TO READ FROM VIDEO
0.123	0.123	SIGN	LEFT	GUIDE, UNABLE TO READ FROM VIDEO
0.125	0.125	SIGN	RIGHT	GUIDE, REGISTER AT BUILDING 32 (STRAIGHT AHEAD)
0.139	0.139	SIGN	LEFT	REGULATORY, ONE WAY
0.147	0.147	SIGN	RIGHT	GUIDE, UNABLE TO READ FROM VIDEO
0.147	0.147	SIGN	RIGHT	GUIDE, DELAWARE
0.159	0.159	SIGN	RIGHT	GUIDE, PENNSYLVANIA
0.176	0.176	SIGN	RIGHT	GUIDE, NEW JERSEY
0.176	0.176	SIGN	RIGHT	GUIDE, NEW JERSEY
0.196	0.196	SIGN	RIGHT	GUIDE, GEORGIA
0.196	0.196	SIGN	RIGHT	GUIDE, GEORGIA
0.232	0.232	SIGN	LEFT	GUIDE, UNABLE TO READ FROM VIDEO
0.236	0.236	SIGN	RIGHT	GUIDE, MASSACHUSETTS
0.251	0.251	SIGN	RIGHT	GUIDE, MARYLAND

FOMR: ROUTE MAINTENANCE FEATURES ROAD LOG

ROUTE 0202: THE COLONIES TRAVEL RESORT ROAD

Notice: Culverts and drop inlets were marked by NPS and inventoried by RIP in Cycle 5 on all paved routes.

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.254	0.254	SIGN	LEFT	GUIDE, UNABLE TO READ FROM VIDEO
0.260	0.260	SIGN	LEFT	GUIDE, UNABLE TO READ FROM VIDEO
0.260	0.260	SIGN	RIGHT	GUIDE, UNABLE TO READ FROM VIDEO
0.274	0.274	SIGN	RIGHT	GUIDE, NEW YORK
0.274	0.274	SIGN	RIGHT	GUIDE, NEW YORK
0.283	0.283	SIGN	LEFT	GUIDE, UNABLE TO READ FROM VIDEO
0.283	0.283	SIGN	RIGHT	GUIDE, RHODE ISLAND
0.301	0.301	SIGN	RIGHT	REGULATORY, DO NOT ENTER
0.311	0.311	INTERSECTION	LEFT	ROUTE 0202 (THE COLONIES TRAVEL RESORT ROAD)
0.311	0.311	INTERSECTION	RIGHT	ROUTE 0202 (THE COLONIES TRAVEL RESORT ROAD)
0.311	0.311	ROUTE END	N/A	TO END OF LOOP

FOMR: ROUTE MAINTENANCE FEATURES ROAD LOG

ROUTE 0204: GULLICK DRIVE SOUTH SECTION

Notice: Culverts and drop inlets were marked by NPS and inventoried by RIP in Cycle 5 on all paved routes.

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.000	0.000	ROUTE BEGIN	N/A	FROM ROUTE 0101 (O CLUB ROAD)
0.000	0.000	INTERSECTION	LEFT	ROUTE 0101 (O CLUB ROAD)
0.000	0.000	INTERSECTION	RIGHT	ROUTE 0101 (O CLUB ROAD)
0.004	0.485	CURB	RIGHT	N/A
0.005	0.005	SIGN	LEFT	REGULATORY, NO PARKING
0.017	0.485	GUARD/GUIDE RAIL	LEFT	N/A
0.018	0.018	SIGN	LEFT	GUIDE, UNABLE TO READ FROM VIDEO
0.018	0.018	SIGN	LEFT	GUIDE, UNABLE TO READ FROM VIDEO
0.485	0.485	INTERSECTION	N/A	PAVED ROUTE (GULLICK DRIVE / NON NPS)
0.485	0.485	ROUTE END	N/A	TO SOUTH PARK BOUNDARY

FOMR: ROUTE MAINTENANCE FEATURES ROAD LOG

ROUTE 0205: GULLICK DRIVE NORTH SECTION

Notice: Culverts and drop inlets were marked by NPS and inventoried by RIP in Cycle 5 on all paved routes.

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.000	0.000	ROUTE BEGIN	N/A	FROM FENCE LINE
0.000	0.000	INTERSECTION	N/A	FROM FENCE LINE
0.005	0.005	GATE	N/A	N/A
0.005	0.368	GUARD/GUIDE RAIL	RIGHT	N/A
0.038	0.086	CURB	LEFT	N/A
0.091	0.091	INTERSECTION	LEFT	ROUTE 0206 (SHELTER 5 ROAD)
0.091	0.369	CURB	LEFT	N/A
0.387	0.426	CURB	LEFT	N/A
0.429	0.429	INTERSECTION	LEFT	ROUTE 0010AZ (FENWICK ROAD)
0.429	0.429	INTERSECTION	N/A	ROUTE 0103AZ (MILL CREEK OVERLOOK ROAD A)
0.429	0.429	INTERSECTION	RIGHT	ROUTE 0010AZ (FENWICK ROAD)
0.429	0.429	ROUTE END	N/A	TO ROUTE 0010ZZ (FENWICK ROAD)

FOMR: ROUTE MAINTENANCE FEATURES ROAD LOG

ROUTE 0206: SHELTER 5 ROAD

Notice: Culverts and drop inlets were marked by NPS and inventoried by RIP in Cycle 5 on all paved routes.

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.000	0.000	ROUTE BEGIN	N/A	FROM ROUTE 0010ZZ (FENWICK ROADS) ON RIGHT
0.000	0.000	INTERSECTION	RIGHT	ROUTE 0010AZ (FENWICK ROAD)
0.000	0.000	INTERSECTION	LEFT	ROUTE 0010AZ (FENWICK ROAD)
0.038	0.038	INTERSECTION	RIGHT	ROUTE 0917 (SHELTER 5 PARKING)
0.059	0.076	CURB	LEFT	N/A
0.060	0.076	CURB	RIGHT	N/A
0.076	0.076	INTERSECTION	LEFT	ROUTE 0205 (GULLICK DRIVE NORTH SECTION)
0.076	0.076	INTERSECTION	RIGHT	ROUTE 0205 (GULLICK DRIVE NORTH SECTION)
0.076	0.076	SIGN	N/A	GUIDE, UNABLE TO READ FROM VIDEO
0.076	0.076	ROUTE END	N/A	TO ROUTE 0205 (GULLICK DRIVE NORTH SECTION)

FOMR: ROUTE MAINTENANCE FEATURES ROAD LOG

ROUTE 5002: PATCH ROAD

Notice: Culverts and drop inlets were marked by NPS and inventoried by RIP in Cycle 5 on all paved routes.

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.000	0.000	ROUTE BEGIN	N/A	FROM ROUTE 5000 (EAST MERCY BOULEVARD / INGALLS ROAD)
0.000	0.000	INTERSECTION	LEFT	ROUTE 5000 (EAST MERCY BOULEVARD / INGALLS ROAD)
0.000	0.000	INTERSECTION	RIGHT	ROUTE 5000 (EAST MERCY BOULEVARD / INGALLS ROAD)
0.005	0.005	SIGN	LEFT	GUIDE, PATCH
0.005	0.005	SIGN	LEFT	REGULATORY, STOP
0.005	0.005	SIGN	LEFT	GUIDE, INGALLS
0.015	0.015	SIGN	LEFT	REGULATORY, ONE WAY
0.022	0.022	INTERSECTION	LEFT	PAVED ROUTE (NON/NPS)
0.022	0.022	INTERSECTION	RIGHT	PAVED PARKING (NON/NPS)
0.047	0.047	INTERSECTION	LEFT	PAVED ROUTE (NON/NPS)
0.051	0.051	SIGN	RIGHT	WARNING, GRAPHIC SIGN NO TEXT
0.058	0.058	DROP INLET	LEFT	N/A
0.059	0.059	DROP INLET	LEFT	N/A
0.061	0.061	INTERSECTION	RIGHT	PAVED ROUTE (HATCH LANE/NON NPS)
0.061	0.061	SIGN	RIGHT	GUIDE, HATCH
0.061	0.061	SIGN	RIGHT	GUIDE, PATCH
0.061	0.061	SIGN	RIGHT	REGULATORY, ONE WAY
0.071	0.071	INTERSECTION	LEFT	PAVED PARKING (NON/NPS)
0.081	0.081	SIGN	LEFT	WARNING, GRAPHIC SIGN NO TEXT
0.086	0.086	SIGN	RIGHT	REGULATORY, SPEED LIMIT 25
0.091	0.091	SIGN	LEFT	REGULATORY, SPEED LIMIT 25
0.096	0.096	SIGN	LEFT	GUIDE, UNABLE TO READ FROM VIDEO
0.096	0.096	SIGN	LEFT	GUIDE, UNABLE TO READ FROM VIDEO
0.101	0.101	INTERSECTION	RIGHT	PAVED ROUTE (NON/NPS)
0.105	0.105	INTERSECTION	RIGHT	PAVED ROUTE (NON/NPS)
0.105	0.105	SIGN	RIGHT	GUIDE, MOAT WALK
0.105	0.105	SIGN	RIGHT	GUIDE, UNABLE TO READ FROM VIDEO
0.105	0.105	SIGN	RIGHT	REGULATORY, UNABLE TO READ FROM VIDEO
0.105	0.105	SIGN	RIGHT	WARNING, GRAPHIC SIGN NO TEXT

FOMR: ROUTE MAINTENANCE FEATURES ROAD LOG

ROUTE 5002: PATCH ROAD

Notice: Culverts and drop inlets were marked by NPS and inventoried by RIP in Cycle 5 on all paved routes.

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.105	0.105	SIGN	RIGHT	WARNING, GRAPHIC SIGN NO TEXT
0.111	0.219	CURB	RIGHT	N/A
0.111	0.220	GUARD/GUIDE RAIL	RIGHT	N/A
0.111	0.111	SIGN	LEFT	WARNING, GRAPHIC SIGN NO TEXT
0.111	0.111	SIGN	LEFT	WARNING, GRAPHIC SIGN NO TEXT
0.148	0.148	INTERSECTION	LEFT	PAVED PARKING (NON/NPS)
0.154	0.154	INTERSECTION	LEFT	PAVED SPUR (NON/NPS)
0.165	0.165	INTERSECTION	LEFT	PAVED SPUR (NON/NPS)
0.170	0.170	INTERSECTION	LEFT	PAVED PARKING (NON/NPS)
0.177	0.184	CURB	LEFT	N/A
0.177	0.177	INTERSECTION	LEFT	PAVED ROUTE (NON/NPS)
0.180	0.180	CULVERT	N/A	N/A
0.192	0.216	CURB	LEFT	N/A
0.194	0.194	SIGN	LEFT	REGULATORY, UNABLE TO READ FROM VIDEO
0.207	0.207	SIGN	LEFT	REGULATORY, UNABLE TO READ FROM VIDEO
0.214	0.214	SIGN	LEFT	REGULATORY, UNABLE TO READ FROM VIDEO
0.216	0.216	SIGN	LEFT	WARNING, GRAPHIC SIGN NO TEXT
0.216	0.216	SIGN	LEFT	WARNING, GRAPHIC SIGN NO TEXT
0.218	0.218	SIGN	RIGHT	WARNING, GRAPHIC SIGN NO TEXT
0.218	0.218	SIGN	RIGHT	WARNING, GRAPHIC SIGN NO TEXT
0.226	0.226	INTERSECTION	LEFT	PAVED PARKING (NON/NPS)
0.226	0.226	INTERSECTION	RIGHT	ROUTE 5004 (NORTH GATE)
0.227	0.310	CURB	RIGHT	N/A
0.228	0.228	SIGN	RIGHT	GUIDE, NORTH GATE
0.229	0.339	GUARD/GUIDE RAIL	RIGHT	N/A
0.299	0.299	INTERSECTION	LEFT	PAVED PARKING (NON/NPS)
0.312	0.312	INTERSECTION	LEFT	PAVED PARKING (NON/NPS)
0.317	0.317	CULVERT	N/A	N/A
0.320	0.320	CULVERT	N/A	N/A
0.352	0.352	INTERSECTION	LEFT	UNPAVED ROUTE (NON/NPS)

FOMR: ROUTE MAINTENANCE FEATURES ROAD LOG

ROUTE 5002: PATCH ROAD

Notice: Culverts and drop inlets were marked by NPS and inventoried by RIP in Cycle 5 on all paved routes.

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.366	0.370	CURB-AND-GUTTER	RIGHT	N/A
0.376	0.376	INTERSECTION	RIGHT	ROUTE 5003 (GRIFFITH STREET)
0.378	0.378	SIGN	RIGHT	GUIDE, GRIFFITH ST
0.378	0.382	CURB-AND-GUTTER	RIGHT	N/A
0.381	0.381	CULVERT	N/A	N/A
0.446	0.446	INTERSECTION	RIGHT	PAVED PARKING (NON/NPS)
0.449	0.449	INTERSECTION	LEFT	PAVED PARKING (NON/NPS)
0.450	0.450	DROP INLET	RIGHT	N/A
0.468	0.468	INTERSECTION	LEFT	PAVED PARKING (NON/NPS)
0.469	0.469	SIGN	RIGHT	WARNING, GRAPHIC SIGN NO TEXT
0.469	0.469	SIGN	RIGHT	WARNING, GRAPHIC SIGN NO TEXT
0.472	0.472	SIGN	LEFT	WARNING, GRAPHIC SIGN NO TEXT
0.472	0.472	SIGN	LEFT	WARNING, GRAPHIC SIGN NO TEXT
0.475	0.475	INTERSECTION	RIGHT	PAVED ROUTE (NEW GARDEN STREET/NON NPS)
0.477	0.477	SIGN	RIGHT	GUIDE, NEW GARDEN ST
0.477	0.477	SIGN	RIGHT	GUIDE, UNABLE TO READ FROM VIDEO
0.488	0.488	DROP INLET	RIGHT	N/A
0.488	0.488	DROP INLET	LEFT	N/A
0.497	0.497	INTERSECTION	LEFT	PAVED PARKING (NON/NPS)
0.511	0.511	INTERSECTION	LEFT	PAVED PARKING (NON/NPS)
0.515	0.515	DROP INLET	LEFT	N/A
0.515	0.515	DROP INLET	RIGHT	N/A
0.519	0.519	SIGN	RIGHT	WARNING, GRAPHIC SIGN NO TEXT
0.519	0.519	SIGN	RIGHT	WARNING, GRAPHIC SIGN NO TEXT
0.532	0.532	SIGN	LEFT	WARNING, GRAPHIC SIGN NO TEXT
0.535	0.535	SIGN	LEFT	GUIDE, UNABLE TO READ FROM VIDEO
0.535	0.535	SIGN	LEFT	GUIDE, UNABLE TO READ FROM VIDEO
0.535	0.535	SIGN	RIGHT	WARNING, GRAPHIC SIGN NO TEXT
0.541	0.541	INTERSECTION	RIGHT	PAVED ROUTE (PULLMAN ROAD/NON NPS)
0.553	0.568	CURB-AND-GUTTER	RIGHT	N/A

FOMR: ROUTE MAINTENANCE FEATURES ROAD LOG

ROUTE 5002: PATCH ROAD

Notice: Culverts and drop inlets were marked by NPS and inventoried by RIP in Cycle 5 on all paved routes.

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.557	0.557	SIGN	RIGHT	WARNING, GRAPHIC SIGN NO TEXT
0.557	0.557	SIGN	RIGHT	WARNING, GRAPHIC SIGN NO TEXT
0.568	0.568	INTERSECTION	LEFT	PAVED PARKING (NON/NPS)
0.570	0.570	CULVERT	N/A	N/A
0.576	0.576	CULVERT	N/A	N/A
0.593	0.593	INTERSECTION	RIGHT	PAVED PARKING (NON/NPS)
0.612	0.612	INTERSECTION	RIGHT	PAVED PARKING (NON/NPS)
0.614	0.614	DROP INLET	N/A	N/A
0.615	0.615	INTERSECTION	LEFT	ROUTE 5006 (FENWICK ROAD (NON NPS))
0.615	0.615	INTERSECTION	RIGHT	ROUTE 5006 (FENWICK ROAD (NON NPS))
0.615	0.615	SIGN	RIGHT	GUIDE, FENWICK RD
0.615	0.615	SIGN	RIGHT	REGULATORY, STOP
0.615	0.615	ROUTE END	N/A	TO ROUTE 5006 (FENWICK ROAD (NON NPS))

FOMR: ROUTE MAINTENANCE FEATURES ROAD LOG

ROUTE 5003: GRIFFITH STREET

Notice: Culverts and drop inlets were marked by NPS and inventoried by RIP in Cycle 5 on all paved routes.

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.000	0.000	ROUTE BEGIN	N/A	FROM ROUTE 5002 (PATCH ROAD)
0.000	0.000	INTERSECTION	LEFT	ROUTE 5002 (PATCH ROAD)
0.000	0.000	INTERSECTION	RIGHT	ROUTE 5002 (PATCH ROAD)
0.004	0.004	SIGN	LEFT	GUIDE, PATCH RD
0.004	0.004	SIGN	LEFT	REGULATORY, STOP
0.011	0.011	INTERSECTION	LEFT	PAVED PARKING (NON/NPS)
0.040	0.040	SIGN	LEFT	REGULATORY, DO NOT ENTER
0.043	0.043	SIGN	LEFT	REGULATORY, ONE WAY
0.051	0.051	INTERSECTION	LEFT	PAVED ROUTE (NON/NPS)
0.051	0.051	SIGN	LEFT	REGULATORY, DO NOT ENTER
0.056	0.064	CURB-AND-GUTTER	LEFT	N/A
0.068	0.068	INTERSECTION	LEFT	PAVED PARKING (NON/NPS)
0.071	0.071	DROP INLET	RIGHT	N/A
0.080	0.080	INTERSECTION	LEFT	PAVED PARKING (NON/NPS)
0.080	0.086	CURB-AND-GUTTER	LEFT	N/A
0.105	0.105	INTERSECTION	LEFT	PAVED ROUTE (NON/NPS)
0.108	0.108	DROP INLET	RIGHT	N/A
0.121	0.121	CULVERT	N/A	N/A
0.153	0.153	INTERSECTION	RIGHT	ROUTE 5012 (BOMFORD LANE)
0.165	0.165	INTERSECTION	LEFT	PAVED PARKING (NON/NPS)
0.166	0.166	DROP INLET	LEFT	N/A
0.171	0.172	CURB-AND-GUTTER	LEFT	N/A
0.171	0.172	CURB-AND-GUTTER	RIGHT	N/A
0.173	0.173	INTERSECTION	LEFT	ROUTE 5006 (FENWICK ROAD (NON NPS))
0.173	0.173	INTERSECTION	RIGHT	ROUTE 5006 (FENWICK ROAD (NON NPS))
0.173	0.173	SIGN	RIGHT	GUIDE, FENWICK RD
0.173	0.173	SIGN	RIGHT	REGULATORY, STOP
0.173	0.173	ROUTE END	N/A	TO ROUTE 5006 (FENWICK ROAD (NON NPS))

FOMR: ROUTE MAINTENANCE FEATURES ROAD LOG

ROUTE 5004: NORTH GATE

Notice: Culverts and drop inlets were marked by NPS and inventoried by RIP in Cycle 5 on all paved routes.

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.000	0.000	ROUTE BEGIN	N/A	FROM ROUTE 5002 (PATCH ROAD)
0.000	0.000	INTERSECTION	LEFT	ROUTE 5002 (PATCH ROAD)
0.000	0.000	INTERSECTION	RIGHT	ROUTE 5002 (PATCH ROAD)
0.000	0.043	BRIDGE	N/A	A BIP STRUCTURE NUMBER HAS NOT BEEN ASSIGNED TO THIS BRIDGE
0.005	0.040	GUARD/GUIDE RAIL	LEFT	N/A
0.005	0.041	GUARD/GUIDE RAIL	RIGHT	N/A
0.006	0.006	SIGN	LEFT	REGULATORY, STOP
0.006	0.006	SIGN	LEFT	GUIDE, PATCH RD
0.007	0.007	SIGN	RIGHT	WARNING, MAX HEIGHT - 10'-0" MAX WIDTH - 9'-10" MAX WEIGHT- 3 TONS
0.026	0.026	SIGN	RIGHT	REGULATORY, STOP HERE ON RED
0.040	0.040	SIGN	RIGHT	WARNING, 10' - 0"
0.040	0.040	TRAFFIC LIGHT	LEFT	X3
0.040	0.040	TRAFFIC LIGHT	RIGHT	X3
0.043	0.052	TUNNEL	N/A	A BIP STRUCTURE NUMBER HAS NOT BEEN ASSIGNED TO THIS BRIDGE
0.050	0.055	CURB	RIGHT	N/A
0.056	0.056	INTERSECTION	LEFT	ROUTE 5008 (BERNARD ROAD)
0.056	0.056	INTERSECTION	N/A	PAVED ROUTE (NON/NPS)
0.056	0.056	INTERSECTION	RIGHT	ROUTE 5008 (BERNARD ROAD)
0.056	0.056	ROUTE END	N/A	TO ROUTE 5008 (BERNARD ROAD)

FOMR: ROUTE MAINTENANCE FEATURES ROAD LOG

ROUTE 5005A: MAIN GATE

Notice: Culverts and drop inlets were marked by NPS and inventoried by RIP in Cycle 5 on all paved routes.

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.000	0.000	ROUTE BEGIN	N/A	FROM ROUTE 5000 (EAST MERCY BOULEVARD / INGALLS ROAD)
0.000	0.000	INTERSECTION	LEFT	ROUTE 5000 (EAST MERCY BOULEVARD / INGALLS ROAD)
0.000	0.000	INTERSECTION	RIGHT	ROUTE 5000 (EAST MERCY BOULEVARD / INGALLS ROAD)
0.007	0.007	CULVERT	N/A	N/A
0.007	0.020	CURB	RIGHT	N/A
0.007	0.024	CURB	LEFT	N/A
0.020	0.020	SIGN	RIGHT	WARNING, GRAPHIC SIGN NO TEXT
0.020	0.020	SIGN	RIGHT	WARNING, GRAPHIC SIGN NO TEXT
0.022	0.022	DROP INLET	LEFT	N/A
0.025	0.033	CURB	LEFT	N/A
0.026	0.026	SIGN	LEFT	REGULATORY, ONE WAY
0.029	0.029	INTERSECTION	RIGHT	PAVED ROUTE (DUCK ALLEY / NON NPS)
0.030	0.040	CURB	RIGHT	N/A
0.031	0.031	SIGN	RIGHT	GUIDE, DUCK ALLEY
0.031	0.031	SIGN	RIGHT	GUIDE, UNABLE TO READ FROM VIDEO
0.034	0.034	DROP INLET	LEFT	N/A
0.041	0.056	CURB	RIGHT	N/A
0.046	0.046	DROP INLET	RIGHT	N/A
0.050	0.050	SIGN	RIGHT	REGULATORY, SPEED LIMIT 15
0.053	0.053	SIGN	RIGHT	WARNING, GRAPHIC SIGN NO TEXT
0.053	0.053	SIGN	RIGHT	WARNING, GRAPHIC SIGN NO TEXT
0.054	0.054	INTERSECTION	LEFT	ROUTE 5005B (MAIN GATE SPUR / INGALLS ROAD)
0.057	0.057	SIGN	LEFT	GUIDE, UNABLE TO READ FROM VIDEO
0.058	0.058	SIGN	LEFT	WARNING, GRAPHIC SIGN NO TEXT
0.058	0.058	SIGN	LEFT	WARNING, GRAPHIC SIGN NO TEXT
0.059	0.101	GUARD/GUIDE RAIL	RIGHT	N/A
0.059	0.059	SIGN	RIGHT	WARNING, MAX HEIGHT - 12'-3" MAX WIDTH - 10'-0" MAX WEIGHT - 20 TONS
0.059	0.101	GUARD/GUIDE RAIL	LEFT	N/A

FOMR: ROUTE MAINTENANCE FEATURES ROAD LOG

ROUTE 5005A: MAIN GATE

Notice: Culverts and drop inlets were marked by NPS and inventoried by RIP in Cycle 5 on all paved routes.

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.061	0.104	BRIDGE	N/A	A BIP STRUCTURE NUMBER HAS NOT BEEN ASSIGNED TO THIS BRIDGE
0.090	0.090	SIGN	RIGHT	REGULATORY, STOP HERE ON RED
0.099	0.099	SIGN	RIGHT	WARNING, 12' - 3"
0.100	0.100	TRAFFIC LIGHT	LEFT	X3
0.100	0.100	TRAFFIC LIGHT	RIGHT	X3
0.104	0.113	TUNNEL	N/A	A BIP STRUCTURE NUMBER HAS NOT BEEN ASSIGNED TO THIS BRIDGE
0.110	0.110	SIGN	RIGHT	REGULATORY, WEIGHT LIMIT 20 TONS
0.110	0.114	CURB	LEFT	N/A
0.110	0.114	CURB	RIGHT	N/A
0.111	0.111	SIGN	LEFT	REGULATORY, SPEED LIMIT 15
0.111	0.111	SIGN	LEFT	WARNING, 12' - 3"
0.120	0.120	SIGN	LEFT	REGULATORY, GRAPHIC SIGN NO TEXT
0.120	0.120	SIGN	N/A	GUIDE, TRAILS
0.120	0.120	SIGN	N/A	REGULATORY, DO NOT ENTER
0.120	0.120	SIGN	RIGHT	GUIDE, CASEMATE MUSEUM
0.120	0.120	INTERSECTION	RIGHT	ROUTE 5008 (BERNARD ROAD)
0.120	0.120	INTERSECTION	LEFT	ROUTE 5008 (BERNARD ROAD)
0.120	0.120	ROUTE END	N/A	TO ROUTE 5008 (BERNARD ROAD)

FOMR: ROUTE MAINTENANCE FEATURES ROAD LOG

ROUTE 5005B: MAIN GATE SPUR / INGALLS ROAD

Notice: Culverts and drop inlets were marked by NPS and inventoried by RIP in Cycle 5 on all paved routes.

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.000	0.000	ROUTE BEGIN	N/A	FROM ROUTE 5005A (MAIN GATE)
0.000	0.000	INTERSECTION	LEFT	ROUTE 5005B (MAIN GATE SPUR / INGALLS ROAD)
0.000	0.000	INTERSECTION	N/A	ROUTE 5005B (MAIN GATE SPUR / INGALLS ROAD)
0.006	0.029	CURB	RIGHT	N/A
0.016	0.016	DROP INLET	LEFT	N/A
0.016	0.016	SIGN	LEFT	REGULATORY, ONE WAY
0.018	0.064	CURB	LEFT	N/A
0.021	0.021	SIGN	RIGHT	WARNING, GRAPHIC SIGN NO TEXT
0.021	0.021	SIGN	RIGHT	WARNING, GRAPHIC SIGN NO TEXT
0.025	0.025	SIGN	RIGHT	GUIDE, UNABLE TO READ FROM VIDEO
0.025	0.025	SIGN	RIGHT	GUIDE, UNABLE TO READ FROM VIDEO
0.025	0.025	SIGN	RIGHT	GUIDE, 3 RUCKMAN ROAD
0.034	0.034	INTERSECTION	RIGHT	PAVED PARKING (NON NPS)
0.039	0.044	CURB	RIGHT	N/A
0.040	0.040	DROP INLET	LEFT	N/A
0.041	0.041	DROP INLET	N/A	N/A
0.047	0.047	INTERSECTION	RIGHT	PAVED PARKING (NON NPS)
0.048	0.076	CURB	RIGHT	N/A
0.049	0.049	SIGN	LEFT	REGULATORY, ONE WAY
0.052	0.052	SIGN	RIGHT	WARNING, GRAPHIC SIGN NO TEXT
0.052	0.052	SIGN	RIGHT	WARNING, GRAPHIC SIGN NO TEXT
0.065	0.065	SIGN	LEFT	REGULATORY, DO NOT ENTER
0.070	0.070	SIGN	RIGHT	REGULATORY, STOP
0.075	0.075	DROP INLET	RIGHT	N/A
0.077	0.077	INTERSECTION	N/A	ROUTE 5000 (EAST MERCY BOULEVARD / INGALLS ROAD)
0.077	0.077	DROP INLET	RIGHT	N/A
0.077	0.077	INTERSECTION	LEFT	ROUTE 5000 (EAST MERCY BOULEVARD / INGALLS ROAD)
0.077	0.077	ROUTE END	N/A	TO ROUTE 5000 (EAST MERCY BOULEVARD / INGALLS ROAD)

FOMR: ROUTE MAINTENANCE FEATURES ROAD LOG

ROUTE 5006: FENWICK ROAD (NON NPS)

Notice: Culverts and drop inlets were marked by NPS and inventoried by RIP in Cycle 5 on all paved routes.

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.000	0.000	ROUTE BEGIN	N/A	FROM END OF ROUTE 5001 (EAST MELLEN STREET / MCNAIR ROAD)
0.000	0.000	INTERSECTION	N/A	ROUTE 5001 (EAST MELLEN STREET / MCNAIR ROAD)
0.000	0.000	INTERSECTION	RIGHT	PAVED PARKING (NON NPS)
0.006	0.006	SIGN	LEFT	GUIDE, UNABLE TO READ FROM VIDEO
0.006	0.006	SIGN	LEFT	GUIDE, UNABLE TO READ FROM VIDEO
0.026	0.026	INTERSECTION	RIGHT	PAVED PARKING (NON NPS)
0.034	0.034	CULVERT	N/A	N/A
0.040	0.040	INTERSECTION	RIGHT	PAVED PARKING (NON NPS)
0.041	0.041	INTERSECTION	LEFT	PAVED PARKING (NON NPS)
0.044	0.044	INTERSECTION	RIGHT	PAVED PARKING (NON NPS)
0.072	0.072	INTERSECTION	RIGHT	PAVED PARKING (NON NPS)
0.091	0.121	CURB	RIGHT	N/A
0.106	0.106	DROP INLET	RIGHT	N/A
0.122	0.122	INTERSECTION	RIGHT	PAVED PARKING (NON NPS)
0.128	0.134	CURB	RIGHT	N/A
0.137	0.137	SIGN	RIGHT	REGULATORY, ALL WAY
0.137	0.137	SIGN	RIGHT	REGULATORY, STOP
0.141	0.141	INTERSECTION	LEFT	ROUTE 5000 (EAST MERCY BOULEVARD / INGALLS ROAD)
0.141	0.141	INTERSECTION	RIGHT	PAVED PARKING (NON NPS)
0.143	0.321	CURB	RIGHT	N/A
0.144	0.144	SIGN	RIGHT	GUIDE, INGALLS
0.144	0.144	SIGN	RIGHT	GUIDE, UNABLE TO READ FROM VIDEO
0.145	0.145	DROP INLET	RIGHT	N/A
0.154	0.313	CURB	LEFT	N/A
0.155	0.155	SIGN	LEFT	REGULATORY, ALL WAY
0.155	0.155	SIGN	LEFT	REGULATORY, STOP
0.156	0.156	SIGN	RIGHT	GUIDE, UNABLE TO READ FROM VIDEO
0.159	0.159	DROP INLET	RIGHT	N/A
0.163	0.163	DROP INLET	LEFT	N/A

FOMR: ROUTE MAINTENANCE FEATURES ROAD LOG

ROUTE 5006: FENWICK ROAD (NON NPS)

Notice: Culverts and drop inlets were marked by NPS and inventoried by RIP in Cycle 5 on all paved routes.

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.172	0.172	DROP INLET	RIGHT	N/A
0.207	0.207	DROP INLET	LEFT	N/A
0.207	0.207	DROP INLET	RIGHT	N/A
0.220	0.220	SIGN	RIGHT	GUIDE, UNABLE TO READ FROM VIDEO
0.244	0.244	DROP INLET	LEFT	N/A
0.257	0.257	SIGN	RIGHT	WARNING, GRAPHIC SIGN NO TEXT
0.257	0.257	SIGN	RIGHT	WARNING, GRAPHIC SIGN NO TEXT
0.264	0.264	SIGN	LEFT	WARNING, GRAPHIC SIGN NO TEXT
0.264	0.264	SIGN	LEFT	WARNING, GRAPHIC SIGN NO TEXT
0.304	0.304	SIGN	RIGHT	REGULATORY, SPEED LIMIT 25
0.307	0.307	DROP INLET	LEFT	N/A
0.313	0.313	DROP INLET	LEFT	N/A
0.320	0.334	CURB	LEFT	N/A
0.333	0.333	SIGN	LEFT	GUIDE, ENGINEER LN
0.333	0.333	SIGN	LEFT	GUIDE, FENWICK RD
0.338	0.465	CURB	LEFT	N/A
0.347	0.347	DROP INLET	LEFT	N/A
0.378	0.378	INTERSECTION	RIGHT	PAVED PARKING (NON NPS)
0.415	0.415	DROP INLET	LEFT	N/A
0.415	0.474	CURB	RIGHT	N/A
0.432	0.432	SIGN	LEFT	GUIDE, UNABLE TO READ FROM VIDEO
0.433	0.433	DROP INLET	LEFT	N/A
0.433	0.433	DROP INLET	RIGHT	N/A
0.462	0.462	DROP INLET	RIGHT	N/A
0.465	0.465	SIGN	LEFT	GUIDE, ENGINEER LN
0.465	0.465	SIGN	LEFT	GUIDE, UNABLE TO READ FROM VIDEO
0.469	0.469	INTERSECTION	LEFT	PAVED ROUTE (ENGINEER LANE/NON NPS)
0.473	0.473	SIGN	RIGHT	REGULATORY, SPEED LIMIT 25
0.473	0.473	SIGN	RIGHT	WARNING, GRAPHIC SIGN NO TEXT
0.473	0.473	SIGN	RIGHT	WARNING, GRAPHIC SIGN NO TEXT

FOMR: ROUTE MAINTENANCE FEATURES ROAD LOG

ROUTE 5006: FENWICK ROAD (NON NPS)

Notice: Culverts and drop inlets were marked by NPS and inventoried by RIP in Cycle 5 on all paved routes.

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.474	0.474	SIGN	LEFT	GUIDE, COOPER HALL
0.474	0.474	SIGN	LEFT	WARNING, GRAPHIC SIGN NO TEXT
0.474	0.504	CURB	RIGHT	N/A
0.475	0.475	SIGN	LEFT	WARNING, GRAPHIC SIGN NO TEXT
0.475	0.535	CURB	LEFT	N/A
0.507	0.507	DROP INLET	LEFT	N/A
0.507	0.507	DROP INLET	RIGHT	N/A
0.515	0.515	INTERSECTION	RIGHT	PAVED PARKING (NON NPS)
0.516	0.516	SIGN	LEFT	REGULATORY, SPEED LIMIT 25
0.539	0.547	CURB	LEFT	N/A
0.541	0.541	INTERSECTION	RIGHT	PAVED PARKING (NON NPS)
0.546	0.546	DROP INLET	LEFT	N/A
0.546	0.546	DROP INLET	RIGHT	N/A
0.552	0.569	CURB	RIGHT	N/A
0.558	0.558	INTERSECTION	LEFT	PAVED PARKING (NON NPS)
0.563	0.563	SIGN	RIGHT	WARNING, GRAPHIC SIGN NO TEXT
0.563	0.563	SIGN	RIGHT	WARNING, GRAPHIC SIGN NO TEXT
0.565	0.620	CURB	LEFT	N/A
0.568	0.568	SIGN	LEFT	WARNING, GRAPHIC SIGN NO TEXT
0.568	0.568	SIGN	LEFT	WARNING, GRAPHIC SIGN NO TEXT
0.571	0.571	INTERSECTION	RIGHT	PAVED PARKING (NON NPS)
0.574	0.622	CURB	RIGHT	N/A
0.575	0.575	SIGN	RIGHT	GUIDE, OUTLOOK BEACH PARKING
0.625	0.625	INTERSECTION	LEFT	ROUTE 5007 (EAST GATE)
0.625	0.625	INTERSECTION	RIGHT	PAVED PARKING (NON NPS)
0.629	0.664	CURB	RIGHT	N/A
0.629	0.634	CURB	LEFT	N/A
0.630	0.630	SIGN	RIGHT	GUIDE, OUTLOOK BEACH PARKING
0.635	0.635	SIGN	RIGHT	WARNING, GRAPHIC SIGN NO TEXT
0.635	0.635	SIGN	RIGHT	WARNING, GRAPHIC SIGN NO TEXT

FOMR: ROUTE MAINTENANCE FEATURES ROAD LOG

ROUTE 5006: FENWICK ROAD (NON NPS)

Notice: Culverts and drop inlets were marked by NPS and inventoried by RIP in Cycle 5 on all paved routes.

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.636	0.703	CURB	LEFT	N/A
0.638	0.638	SIGN	LEFT	WARNING, GRAPHIC SIGN NO TEXT
0.638	0.638	SIGN	LEFT	WARNING, GRAPHIC SIGN NO TEXT
0.668	0.668	DROP INLET	RIGHT	N/A
0.669	0.669	DROP INLET	LEFT	N/A
0.669	0.669	DROP INLET	RIGHT	N/A
0.680	0.680	DROP INLET	RIGHT	N/A
0.698	0.698	DROP INLET	LEFT	N/A
0.708	0.708	INTERSECTION	LEFT	ROUTE 5012 (BOMFORD LANE)
0.710	0.839	CURB	LEFT	N/A
0.756	0.756	DROP INLET	LEFT	N/A
0.756	0.756	DROP INLET	RIGHT	N/A
0.787	0.787	INTERSECTION	RIGHT	PAVED PARKING (NON NPS)
0.788	0.788	DROP INLET	LEFT	N/A
0.805	0.970	CURB	RIGHT	N/A
0.807	0.807	SIGN	RIGHT	GUIDE, PATTON RD
0.807	0.807	SIGN	RIGHT	GUIDE, UNABLE TO READ FROM VIDEO
0.812	0.812	DROP INLET	LEFT	N/A
0.831	0.831	SIGN	RIGHT	WARNING, GRAPHIC SIGN NO TEXT
0.841	0.848	CURB	LEFT	N/A
0.847	0.847	SIGN	LEFT	WARNING, GRAPHIC SIGN NO TEXT
0.851	0.851	SIGN	LEFT	GUIDE, UNABLE TO READ FROM VIDEO
0.856	0.856	INTERSECTION	LEFT	ROUTE 5003 (GRIFFITH STREET)
0.857	0.941	CURB	LEFT	N/A
0.879	0.879	DROP INLET	LEFT	N/A
0.881	0.881	DROP INLET	RIGHT	N/A
0.940	0.940	SIGN	RIGHT	WARNING, GRAPHIC SIGN NO TEXT
0.943	0.943	SIGN	LEFT	REGULATORY, SPEED LIMIT 25
0.945	0.945	INTERSECTION	LEFT	PAVED ROUTE (NEW GARDEN STREET/NON NPS)
0.947	0.947	SIGN	LEFT	GUIDE, UNABLE TO READ FROM VIDEO

FOMR: ROUTE MAINTENANCE FEATURES ROAD LOG

ROUTE 5006: FENWICK ROAD (NON NPS)

Notice: Culverts and drop inlets were marked by NPS and inventoried by RIP in Cycle 5 on all paved routes.

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.947	0.947	SIGN	LEFT	GUIDE, UNABLE TO READ FROM VIDEO
0.951	0.954	CURB	LEFT	N/A
0.957	0.973	CURB	LEFT	N/A
0.958	0.958	SIGN	LEFT	WARNING, GRAPHIC SIGN NO TEXT
0.969	0.969	DROP INLET	RIGHT	N/A
0.975	0.975	INTERSECTION	LEFT	PAVED PARKING (NON NPS)
0.975	0.975	INTERSECTION	RIGHT	PAVED PARKING (NON NPS)
0.979	0.999	CURB	LEFT	N/A
0.980	1.000	CURB	RIGHT	N/A
1.001	1.001	SIGN	RIGHT	WARNING, GRAPHIC SIGN NO TEXT
1.001	1.001	SIGN	RIGHT	WARNING, GRAPHIC SIGN NO TEXT
1.001	1.017	CURB	RIGHT	N/A
1.002	1.002	SIGN	LEFT	WARNING, GRAPHIC SIGN NO TEXT
1.002	1.002	SIGN	LEFT	WARNING, GRAPHIC SIGN NO TEXT
1.002	1.013	CURB	LEFT	N/A
1.013	1.013	SIGN	LEFT	GUIDE, UNABLE TO READ FROM VIDEO
1.017	1.017	DROP INLET	RIGHT	N/A
1.020	1.020	INTERSECTION	LEFT	ROUTE 5002 (PATCH ROAD)
1.022	1.075	CURB	LEFT	N/A
1.025	1.025	INTERSECTION	RIGHT	PAVED PARKING (NON NPS)
1.027	1.048	CURB	RIGHT	N/A
1.051	1.051	INTERSECTION	RIGHT	PAVED ROUTE (PATTON STREET)
1.054	1.054	DROP INLET	LEFT	N/A
1.054	1.065	CURB	RIGHT	N/A
1.062	1.062	SIGN	RIGHT	WARNING, GRAPHIC SIGN NO TEXT
1.062	1.062	SIGN	RIGHT	WARNING, GRAPHIC SIGN NO TEXT
1.067	1.067	SIGN	LEFT	WARNING, GRAPHIC SIGN NO TEXT
1.067	1.067	SIGN	LEFT	WARNING, GRAPHIC SIGN NO TEXT
1.068	1.068	INTERSECTION	RIGHT	PAVED ROUTE (NON/NPS)
1.072	1.094	CURB	RIGHT	N/A

FOMR: ROUTE MAINTENANCE FEATURES ROAD LOG

ROUTE 5006: FENWICK ROAD (NON NPS)

Notice: Culverts and drop inlets were marked by NPS and inventoried by RIP in Cycle 5 on all paved routes.

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
1.073	1.073	SIGN	LEFT	REGULATORY, SPEED LIMIT 25
1.073	1.073	SIGN	LEFT	WARNING, GRAPHIC SIGN NO TEXT
1.078	1.078	SIGN	LEFT	GUIDE, UNABLE TO READ FROM VIDEO
1.078	1.078	SIGN	LEFT	GUIDE, UNABLE TO READ FROM VIDEO
1.092	1.092	INTERSECTION	LEFT	ROUTE 5013 (STILLWELL ROAD)
1.099	1.099	INTERSECTION	RIGHT	PAVED ROUTE (NON/NPS)
1.100	1.100	SIGN	LEFT	GUIDE, TO
1.100	1.100	SIGN	LEFT	GUIDE, GRAPHIC SIGN NO TEXT
1.100	1.100	SIGN	LEFT	GUIDE, INTERSTATE 64
1.103	1.108	CURB	RIGHT	N/A
1.109	1.143	PULLOUT	RIGHT	N/A
1.116	1.116	INTERSECTION	LEFT	PAVED ROUTE (NON/NPS)
1.144	1.144	INTERSECTION	LEFT	PAVED ROUTE (NON/NPS)
1.147	1.147	INTERSECTION	RIGHT	PAVED ROUTE (NON/NPS)
1.167	1.167	INTERSECTION	LEFT	PAVED PARKING (NON NPS)
1.167	1.167	SIGN	RIGHT	REGULATORY, SPEED LIMIT 35
1.185	1.185	INTERSECTION	N/A	ROUTE 0010AZ (FENWICK ROAD)
1.185	1.185	ROUTE END	N/A	TO BEGINNING OF ROUTE 0010ZZ (FENWICK ROADS)

FOMR: ROUTE MAINTENANCE FEATURES ROAD LOG

ROUTE 5008: BERNARD ROAD

Notice: Culverts and drop inlets were marked by NPS and inventoried by RIP in Cycle 5 on all paved routes.

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.000	0.000	ROUTE BEGIN	N/A	FROM INTERSECTION OF ROUTE 5005A (MAIN GATE) AND 5010 (RUCKMAN ROAD)
0.000	0.000	INTERSECTION	LEFT	ROUTE 5005A (MAIN GATE)
0.000	0.000	INTERSECTION	N/A	ROUTE 5008 (BERNARD ROAD)
0.000	0.000	INTERSECTION	RIGHT	ROUTE 5010 (RUCKMAN ROAD)
0.000	0.000	SIGN	LEFT	GUIDE, RUCKMAN
0.005	0.022	CURB	LEFT	N/A
0.005	0.070	CURB	RIGHT	N/A
0.025	0.025	SIGN	RIGHT	REGULATORY, SPEED LIMIT 15
0.025	0.025	SIGN	RIGHT	WARNING, GRAPHIC SIGN NO TEXT
0.026	0.026	SIGN	LEFT	GUIDE, UNABLE TO READ FROM VIDEO
0.028	0.028	INTERSECTION	LEFT	PAVED PARKING (NON NPS)
0.028	0.069	CURB	LEFT	N/A
0.037	0.037	DROP INLET	LEFT	N/A
0.037	0.037	DROP INLET	RIGHT	N/A
0.066	0.066	DROP INLET	LEFT	N/A
0.070	0.070	INTERSECTION	LEFT	ROUTE 5011 (MATHEWS LANE)
0.070	0.070	SIGN	LEFT	GUIDE, MATHEWS
0.072	0.072	DROP INLET	RIGHT	N/A
0.072	0.112	CURB	LEFT	N/A
0.076	0.098	CURB	RIGHT	N/A
0.086	0.086	DROP INLET	LEFT	N/A
0.086	0.086	DROP INLET	RIGHT	N/A
0.101	0.106	CURB	RIGHT	N/A
0.106	0.106	SIGN	RIGHT	GUIDE, CASEMATE MUSEUM ENTRANCE
0.106	0.106	SIGN	RIGHT	GUIDE, UNABLE TO READ FROM VIDEO
0.106	0.122	CURB	RIGHT	N/A
0.122	0.122	SIGN	RIGHT	GUIDE, UNABLE TO READ FROM VIDEO
0.124	0.130	CURB	RIGHT	N/A
0.127	0.127	DROP INLET	LEFT	N/A

FOMR: ROUTE MAINTENANCE FEATURES ROAD LOG

ROUTE 5008: BERNARD ROAD

Notice: Culverts and drop inlets were marked by NPS and inventoried by RIP in Cycle 5 on all paved routes.

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.127	0.127	DROP INLET	RIGHT	N/A
0.132	0.150	CURB	RIGHT	N/A
0.134	0.134	INTERSECTION	LEFT	ROUTE 0902 (CASEMATE MUSEUM PARKING)
0.152	0.152	DROP INLET	LEFT	N/A
0.152	0.164	CURB	RIGHT	N/A
0.156	0.156	SIGN	RIGHT	WARNING, GRAPHIC SIGN NO TEXT
0.159	0.193	CURB	LEFT	N/A
0.165	0.165	DROP INLET	LEFT	N/A
0.165	0.165	DROP INLET	RIGHT	N/A
0.193	0.193	SIGN	LEFT	GUIDE, MATHEWS
0.194	0.194	SIGN	LEFT	WARNING, GRAPHIC SIGN NO TEXT
0.202	0.202	INTERSECTION	LEFT	ROUTE 0911 (BATTERY CHURCH PARKING)
0.202	0.241	CURB	LEFT	N/A
0.232	0.232	SIGN	LEFT	GUIDE, CHAPEL
0.235	0.235	SIGN	RIGHT	GUIDE, CHAPEL PARKING
0.236	0.236	DROP INLET	RIGHT	N/A
0.240	0.240	SIGN	LEFT	GUIDE, RUCKMAN
0.245	0.245	INTERSECTION	RIGHT	PAVED PARKING (NON NPS)
0.245	0.254	CURB	RIGHT	N/A
0.247	0.247	INTERSECTION	LEFT	ROUTE 5010 (RUCKMAN ROAD)
0.248	0.411	CURB	LEFT	N/A
0.251	0.251	DROP INLET	RIGHT	N/A
0.262	0.262	INTERSECTION	RIGHT	PAVED PARKING (NON NPS)
0.264	0.264	DROP INLET	LEFT	N/A
0.264	0.264	DROP INLET	RIGHT	N/A
0.276	0.276	INTERSECTION	RIGHT	PAVED PARKING (NON NPS)
0.303	0.303	DROP INLET	LEFT	N/A
0.303	0.303	DROP INLET	RIGHT	N/A
0.309	0.309	INTERSECTION	RIGHT	ROUTE 0904 (BUILDING 50 PARKING)
0.334	0.334	DROP INLET	LEFT	N/A

FOMR: ROUTE MAINTENANCE FEATURES ROAD LOG

ROUTE 5008: BERNARD ROAD

Notice: Culverts and drop inlets were marked by NPS and inventoried by RIP in Cycle 5 on all paved routes.

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.340	0.340	DROP INLET	RIGHT	N/A
0.346	0.350	CURB	RIGHT	N/A
0.353	0.353	INTERSECTION	RIGHT	PAVED ROUTE (NON NPS)
0.365	0.388	CURB	RIGHT	N/A
0.379	0.379	SIGN	RIGHT	WARNING, GRAPHIC SIGN NO TEXT
0.384	0.384	SIGN	LEFT	REGULATORY, DO NOT ENTER
0.385	0.385	SIGN	RIGHT	REGULATORY, DO NOT ENTER
0.385	0.385	SIGN	RIGHT	REGULATORY, NO TURN ON RED
0.385	0.385	SIGN	RIGHT	WARNING, GRAPHIC SIGN NO TEXT
0.386	0.386	TRAFFIC LIGHT	LEFT	X2
0.387	0.387	SIGN	RIGHT	WARNING, 10' - 0"
0.388	0.388	TRAFFIC LIGHT	RIGHT	X2
0.389	0.389	SIGN	LEFT	GUIDE, EAST GATE
0.389	0.389	SIGN	LEFT	GUIDE, UNABLE TO READ FROM VIDEO
0.396	0.396	TRAFFIC LIGHT	N/A	X3
0.396	0.396	TRAFFIC LIGHT	N/A	X3
0.396	0.396	TRAFFIC LIGHT	N/A	X3
0.396	0.396	INTERSECTION	RIGHT	ROUTE 5007 (EAST GATE)
0.396	0.396	DROP INLET	N/A	N/A
0.396	0.396	TRAFFIC LIGHT	N/A	X3
0.397	0.397	SIGN	RIGHT	WARNING, 10' - 0"
0.399	0.430	CURB	RIGHT	N/A
0.406	0.406	SIGN	RIGHT	REGULATORY, SPEED LIMIT 15
0.412	0.412	INTERSECTION	LEFT	ROUTE 0901A (BUILDING 1 OVERFLOW PARKING)
0.415	0.431	CURB	LEFT	N/A
0.417	0.417	DROP INLET	LEFT	N/A
0.417	0.417	DROP INLET	RIGHT	N/A
0.428	0.428	SIGN	LEFT	GUIDE, RESERVED PARKING
0.428	0.428	SIGN	RIGHT	GUIDE, RESEVED PARKING AND RESIDENTS AND THEIR GUESTS ONLY

FOMR: ROUTE MAINTENANCE FEATURES ROAD LOG

ROUTE 5008: BERNARD ROAD

Notice: Culverts and drop inlets were marked by NPS and inventoried by RIP in Cycle 5 on all paved routes.

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.428	0.428	SIGN	RIGHT	GUIDE, UNABLE TO READ FROM VIDEO
0.432	0.432	INTERSECTION	LEFT	ROUTE 0901A (BUILDING 1 OVERFLOW PARKING)
0.432	0.432	INTERSECTION	RIGHT	ROUTE 0901B (BUILDING 1 PARKING)
0.439	0.547	CURB	RIGHT	N/A
0.446	0.490	CURB	LEFT	N/A
0.492	0.492	INTERSECTION	LEFT	PAVED PARKING (NON NPS)
0.496	0.496	DROP INLET	LEFT	N/A
0.496	0.496	DROP INLET	RIGHT	N/A
0.505	0.505	DROP INLET	RIGHT	N/A
0.508	0.508	INTERSECTION	LEFT	PAVED SPUR (NON NPS)
0.511	0.542	CURB	LEFT	N/A
0.554	0.554	INTERSECTION	RIGHT	PAVED PARKING (NON NPS)
0.557	0.600	CURB	RIGHT	N/A
0.558	0.558	INTERSECTION	LEFT	ROUTE 5009B (PARADE GROUND PARKING EAST ACCESS ROAD)
0.560	0.560	DROP INLET	RIGHT	N/A
0.560	0.580	CURB	LEFT	N/A
0.578	0.578	SIGN	LEFT	REGULATORY, SPEED LIMIT 15
0.591	0.591	INTERSECTION	LEFT	PAVED PARKING (NON NPS)
0.595	0.595	SIGN	RIGHT	REGULATORY, NO TURN ON RED
0.595	0.595	SIGN	RIGHT	WARNING, GRAPHIC SIGN NO TEXT
0.599	0.605	CURB	LEFT	N/A
0.604	0.604	DROP INLET	LEFT	N/A
0.604	0.604	DROP INLET	N/A	N/A
0.605	0.605	TRAFFIC LIGHT	LEFT	X3
0.605	0.605	TRAFFIC LIGHT	LEFT	X3
0.605	0.605	TRAFFIC LIGHT	N/A	X3
0.605	0.605	TRAFFIC LIGHT	N/A	X3
0.606	0.606	SIGN	LEFT	REGULATORY, ONE WAY
0.610	0.610	DROP INLET	N/A	N/A

FOMR: ROUTE MAINTENANCE FEATURES ROAD LOG

ROUTE 5008: BERNARD ROAD

Notice: Culverts and drop inlets were marked by NPS and inventoried by RIP in Cycle 5 on all paved routes.

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.613	0.613	INTERSECTION	LEFT	PAVED ROUTE (NON NPS)
0.613	0.613	INTERSECTION	RIGHT	ROUTE 5004 (NORTH GATE)
0.613	0.622	CURB	LEFT	N/A
0.619	0.619	SIGN	RIGHT	WARNING, TRUCKS EXCEEDING HEIGHT RESTRICTIONS SHALL USE MAIN GATE
0.619	0.619	SIGN	RIGHT	WARNING, 10' - 0"
0.621	0.657	CURB	RIGHT	N/A
0.633	0.633	INTERSECTION	LEFT	PAVED PARKING (NON NPS)
0.643	0.645	CURB	LEFT	N/A
0.651	0.651	INTERSECTION	LEFT	PAVED PARKING (NON NPS)
0.652	0.675	CURB	LEFT	N/A
0.679	0.679	INTERSECTION	RIGHT	PAVED PARKING (NON NPS)
0.682	0.682	DROP INLET	N/A	N/A
0.685	0.685	INTERSECTION	LEFT	PAVED PARKING (NON NPS)
0.685	0.696	CURB	LEFT	N/A
0.698	0.745	CURB	RIGHT	N/A
0.700	0.700	INTERSECTION	LEFT	ROUTE 5009A (PARADE GROUND PARKING WEST ACCESS ROAD)
0.703	0.711	CURB	LEFT	N/A
0.723	0.723	INTERSECTION	LEFT	PAVED PARKING (NON NPS)
0.735	0.742	CURB	LEFT	N/A
0.737	0.737	SIGN	LEFT	REGULATORY, SPEED LIMIT 15
0.743	0.743	TRAFFIC LIGHT	N/A	X3
0.743	0.743	TRAFFIC LIGHT	N/A	X3
0.744	0.744	SIGN	RIGHT	REGULATORY, NO TURN ON RED
0.746	0.746	DROP INLET	LEFT	N/A
0.746	0.746	DROP INLET	RIGHT	N/A
0.748	0.748	INTERSECTION	LEFT	ROUTE 5005A (MAIN GATE)
0.748	0.748	INTERSECTION	N/A	ROUTE 5008 (BERNARD ROAD)
0.748	0.748	INTERSECTION	RIGHT	ROUTE 5010 (RUCKMAN ROAD)
0.748	0.748	TRAFFIC LIGHT	N/A	X3

FOMR: ROUTE MAINTENANCE FEATURES ROAD LOG

ROUTE 5008: BERNARD ROAD

Notice: Culverts and drop inlets were marked by NPS and inventoried by RIP in Cycle 5 on all paved routes.

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.748	0.748	TRAFFIC LIGHT	N/A	X3
0.748	0.748	ROUTE END	N/A	TO INTERSECTION OF ROUTE 5005A (MAIN GATE) AND 5010 (RUCKMAN ROAD)

FOMR: ROUTE MAINTENANCE FEATURES ROAD LOG

ROUTE 5009A: PARADE GROUND PARKING WEST ACCESS ROAD

Notice: Culverts and drop inlets were marked by NPS and inventoried by RIP in Cycle 5 on all paved routes.

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.000	0.000	ROUTE BEGIN	N/A	FROM ROUTE 5008 (BERNARD ROAD)
0.000	0.000	INTERSECTION	LEFT	ROUTE 5008 (BERNARD ROAD)
0.000	0.000	INTERSECTION	N/A	PAVED PARKING (NON NPS)
0.000	0.000	INTERSECTION	RIGHT	ROUTE 5008 (BERNARD ROAD)
0.006	0.006	INTERSECTION	LEFT	PAVED PARKING (NON NPS)
0.008	0.008	DROP INLET	N/A	N/A
0.011	0.011	INTERSECTION	RIGHT	PAVED PARKING (NON NPS)
0.018	0.018	INTERSECTION	RIGHT	PAVED PARKING (NON NPS)
0.020	0.020	DROP INLET	N/A	N/A
0.020	0.020	SIGN	RIGHT	REGULATORY, ONE WAY
0.034	0.034	INTERSECTION	RIGHT	PAVED PARKING (NON NPS)
0.034	0.034	SIGN	LEFT	REGULATORY, UNABLE TO READ FROM VIDEO
0.037	0.037	INTERSECTION	N/A	ROUTE 0900BZ (PARADE GROUND PARKING B)
0.037	0.037	SIGN	LEFT	REGULATORY, DO NOT ENTER
0.037	0.037	SIGN	LEFT	REGULATORY, KEEP LEFT
0.037	0.037	ROUTE END	N/A	TO ROUTE 0900ZZ (PARADE GROUND PARKING AREAS)

FOMR: ROUTE MAINTENANCE FEATURES ROAD LOG

ROUTE 5009B: PARADE GROUND PARKING EAST ACCESS ROAD

Notice: Culverts and drop inlets were marked by NPS and inventoried by RIP in Cycle 5 on all paved routes.

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.000	0.000	ROUTE BEGIN	N/A	FROM ROUTE 0900ZZ (PARADE GROUND PARKING AREAS)
0.000	0.000	SIGN	LEFT	REGULATORY, DO NOT ENTER
0.000	0.000	INTERSECTION	N/A	ROUTE 0900BZ (PARADE GROUND PARKING B)
0.005	0.005	INTERSECTION	RIGHT	PAVED SPUR (NON NPS)
0.008	0.008	SIGN	N/A	WARNING, GRAPHIC SIGN NO TEXT
0.009	0.009	SIGN	RIGHT	REGULATORY, DO NOT ENTER
0.016	0.016	INTERSECTION	LEFT	PAVED PARKING (NON NPS)
0.022	0.022	DROP INLET	RIGHT	N/A
0.029	0.029	INTERSECTION	LEFT	PAVED ROUTE (NON NPS)
0.036	0.036	DROP INLET	LEFT	N/A
0.036	0.036	DROP INLET	RIGHT	N/A
0.042	0.042	INTERSECTION	LEFT	PAVED ROUTE (NON NPS)
0.044	0.044	INTERSECTION	LEFT	ROUTE 5008 (BERNARD ROAD)
0.044	0.044	INTERSECTION	N/A	PAVED PARKING (NON NPS)
0.044	0.044	INTERSECTION	RIGHT	ROUTE 5008 (BERNARD ROAD)
0.044	0.044	ROUTE END	N/A	TO ROUTE 5008 (BERNARD ROAD)

FOMR: ROUTE MAINTENANCE FEATURES ROAD LOG

ROUTE 5010: RUCKMAN ROAD

Notice: Culverts and drop inlets were marked by NPS and inventoried by RIP in Cycle 5 on all paved routes.

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.000	0.000	ROUTE BEGIN	N/A	FROM ROUTE 5008 (BERNARD ROAD)
0.000	0.000	INTERSECTION	RIGHT	ROUTE 5008 (BERNARD ROAD)
0.000	0.000	INTERSECTION	N/A	PAVED PARKING (NON NPS)
0.000	0.000	INTERSECTION	LEFT	ROUTE 5008 (BERNARD ROAD)
0.005	0.117	CURB	RIGHT	N/A
0.005	0.146	CURB	LEFT	N/A
0.006	0.006	SIGN	LEFT	GUIDE, BERNARD RD
0.008	0.008	DROP INLET	N/A	N/A
0.008	0.008	DROP INLET	RIGHT	N/A
0.039	0.039	DROP INLET	LEFT	N/A
0.039	0.039	DROP INLET	RIGHT	N/A
0.048	0.048	DROP INLET	LEFT	N/A
0.048	0.048	DROP INLET	RIGHT	N/A
0.062	0.062	DROP INLET	LEFT	N/A
0.062	0.062	DROP INLET	RIGHT	N/A
0.072	0.072	DROP INLET	LEFT	N/A
0.072	0.072	DROP INLET	RIGHT	N/A
0.090	0.090	DROP INLET	RIGHT	N/A
0.090	0.090	DROP INLET	LEFT	N/A
0.103	0.103	DROP INLET	RIGHT	N/A
0.118	0.118	DROP INLET	LEFT	N/A
0.118	0.118	DROP INLET	RIGHT	N/A
0.120	0.120	INTERSECTION	RIGHT	ROUTE 0900CZ (PARADE GROUND PARKING C)
0.120	0.127	CURB	RIGHT	N/A
0.129	0.129	INTERSECTION	RIGHT	PAVED PARKING (NON NPS)
0.130	0.130	SIGN	RIGHT	REGULATORY, DO NOT ENTER
0.131	0.146	CURB	RIGHT	N/A
0.146	0.146	INTERSECTION	RIGHT	ROUTE 5008 (BERNARD ROAD)
0.146	0.146	SIGN	RIGHT	REGULATORY, RIGHT LANE MUST TURN RIGHT
0.146	0.146	SIGN	RIGHT	GUIDE, BERNARD RD

FOMR: ROUTE MAINTENANCE FEATURES ROAD LOG

ROUTE 5010: RUCKMAN ROAD

Notice: Culverts and drop inlets were marked by NPS and inventoried by RIP in Cycle 5 on all paved routes.

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.146	0.146	INTERSECTION	LEFT	ROUTE 5008 (BERNARD ROAD)
0.146	0.146	INTERSECTION	N/A	ROUTE 5005A (MAIN GATE)
0.146	0.146	ROUTE END	N/A	TO INTERSECTION OF ROUTE 5005A (MAIN GATE) AND 5008 (BERNARD ROAD)

FOMR: ROUTE MAINTENANCE FEATURES ROAD LOG

ROUTE 5011: MATHEWS LANE

Notice: Culverts and drop inlets were marked by NPS and inventoried by RIP in Cycle 5 on all paved routes.

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.000	0.000	ROUTE BEGIN	N/A	FROM ROUTE 5008 (BERNARD ROAD)
0.000	0.000	INTERSECTION	LEFT	ROUTE 5008 (BERNARD ROAD)
0.000	0.000	INTERSECTION	RIGHT	ROUTE 5008 (BERNARD ROAD)
0.007	0.007	SIGN	LEFT	GUIDE, BERNARD RD
0.007	0.007	SIGN	LEFT	REGULATORY, STOP
0.013	0.013	INTERSECTION	LEFT	PAVED PARKING (NON NPS)
0.032	0.032	INTERSECTION	LEFT	ROUTE 0903 (BUILDING 17 PARKING)
0.040	0.040	DROP INLET	N/A	N/A
0.053	0.053	DROP INLET	LEFT	N/A
0.053	0.053	DROP INLET	RIGHT	N/A
0.065	0.065	INTERSECTION	LEFT	PAVED PARKING (NON NPS)
0.069	0.069	SIGN	RIGHT	REGULATORY, STOP
0.070	0.070	DROP INLET	RIGHT	N/A
0.070	0.070	DROP INLET	LEFT	N/A
0.071	0.071	INTERSECTION	LEFT	ROUTE 5008 (BERNARD ROAD)
0.071	0.071	INTERSECTION	RIGHT	ROUTE 5008 (BERNARD ROAD)
0.071	0.071	SIGN	RIGHT	GUIDE, BERNARD RD
0.071	0.071	ROUTE END	N/A	TO ROUTE 5008 (BERNARD ROAD)

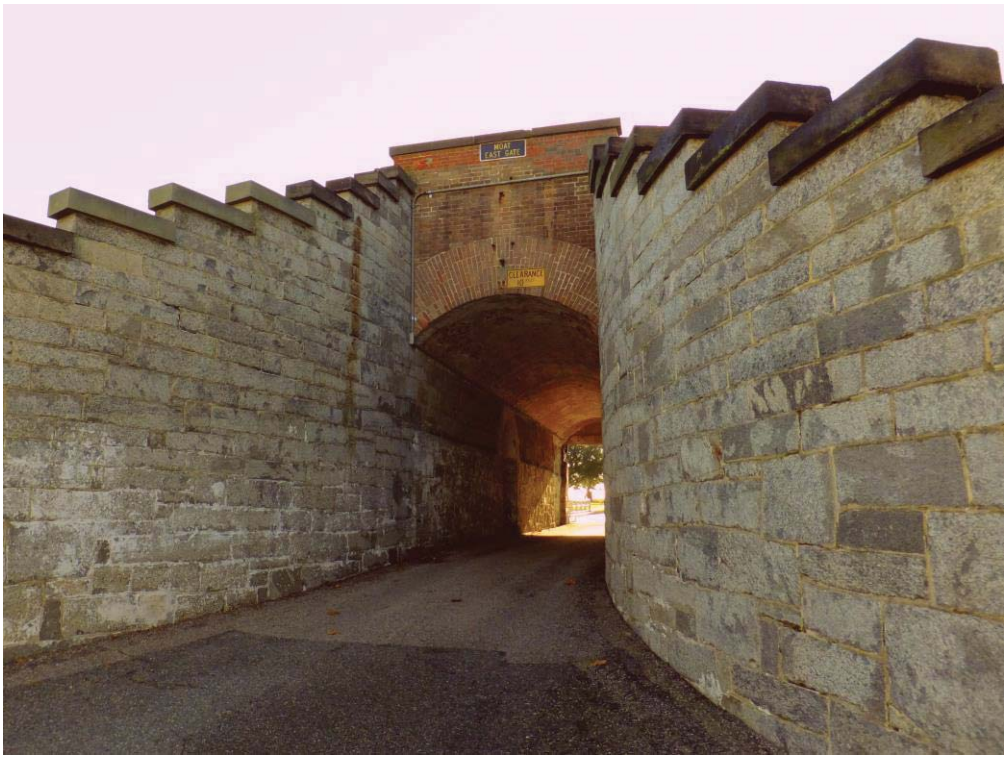
FOMR: ROUTE MAINTENANCE FEATURES ROAD LOG

ROUTE 5012: BOMFORD LANE

Notice: Culverts and drop inlets were marked by NPS and inventoried by RIP in Cycle 5 on all paved routes.

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.000	0.000	ROUTE BEGIN	N/A	FROM ROUTE 5006 (FENWICK ROAD (NON NPS))
0.000	0.000	INTERSECTION	LEFT	ROUTE 5003 (GRIFFITH STREET)
0.000	0.000	INTERSECTION	RIGHT	ROUTE 5003 (GRIFFITH STREET)
0.008	0.164	CURB	RIGHT	N/A
0.164	0.164	INTERSECTION	LEFT	ROUTE 5006 (FENWICK ROAD (NON NPS))
0.164	0.164	INTERSECTION	RIGHT	ROUTE 5006 (FENWICK ROAD (NON NPS))
0.164	0.164	ROUTE END	N/A	TO ROUTE 5003 (GRIFFITH STREET)

Section 10
Appendix



Fort Monroe National Monument

Federal Lands Highway
Road Inventory Program

Explanation of Changes to the RIP Index Equations and Determination of PCR

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

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

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

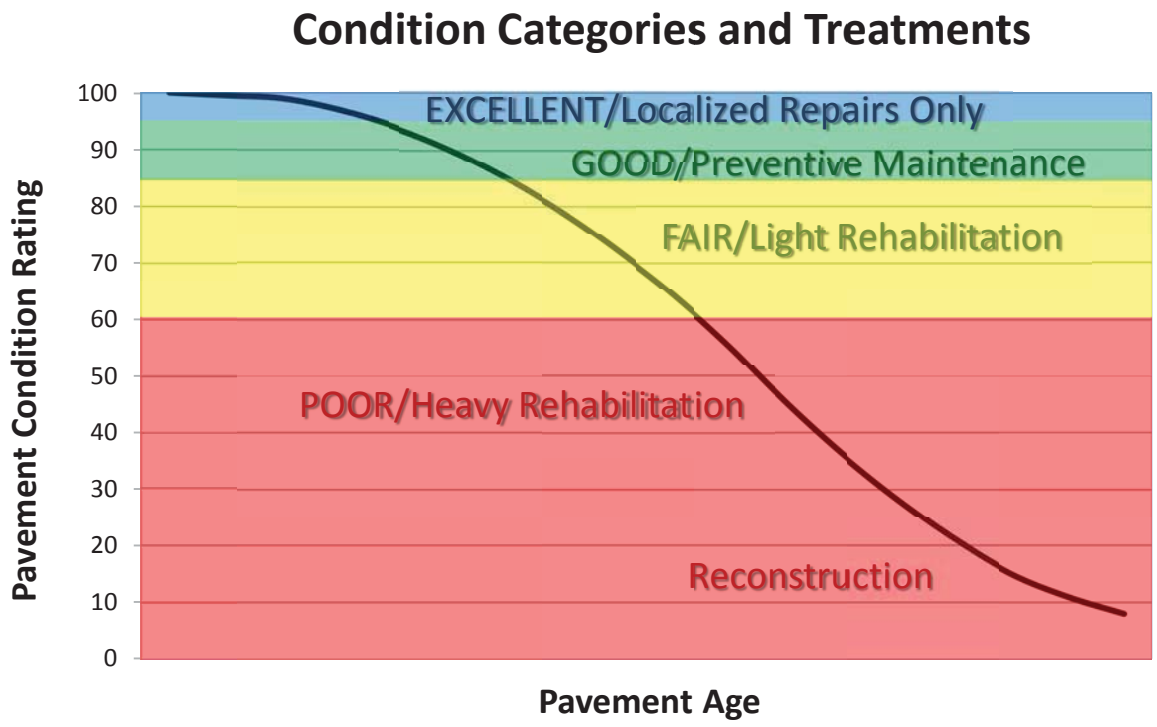
The changes that were implemented were endorsed by management at both the FHWA and NPS. In order to show the effectiveness of these changes, several sites were ground truth tested to ensure that an improvement was achieved between the relationship of PCR and the actual Maintenance and Rehabilitation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

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

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

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

Specific Maintenance and Rehabilitation activities should be evaluated and recommended at the project level. Site-specific conditions that influence treatment type should be determined based on performing a subsurface investigation and/or pavement condition survey, and not be based solely on RIP data. Additionally, RIP produces a snapshot of conditions the year in which the data was collected. For further information or to obtain additional Pavement Management System's data from our Highway Pavement Management Application (HPMA) please contact the Eastern Federal Lands pavement team.



DESCRIPTION OF RATING SYSTEM

The Federal Highway Administration (FHWA), National Park Service Road Inventory Program (NPS-RIP), collects condition data on paved roads, parkways, and parking areas in park units nationwide. Road surface condition data is collected using an automated Data Collection Vehicle (DCV). Roads having brick, cobblestone, or wood surfaces are not normally surveyed with the DCV, but are manually rated for the purpose of assigning a condition rating. Unpaved roads, parkways, and parking areas are not currently being evaluated for condition. Paved campground pads and driveways are also not currently being evaluated for condition.

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

With the use of high quality digital photography and automated crack detection software, FHWA RIP is tasked with executing a pavement condition assessment on about 5000 miles of National Park Service roads and parkways. Foremost in setting up the basis of pavement distress identification is employing the distress identification protocols used by FHWA. There is no single distress identification system that is universal among entities conducting a program of distress identification. For the purpose of the NPS-RIP, FHWA employs distress identification protocols that are specific to this program.

FHWA has referenced the "*Distress Identification Manual for the Long-Term Pavement Performance Program", Publication No. FHWA-RD 03-031, June 2003,* as the point-of-reference for distress types on NPS pavement. The FHWA RIP distress types are similar to those described in the LTPP manual with some modifications. The document, "*Distress Identification Manual for the NPS Road Inventory Program, Cycle 5, 2010-2013"* was developed using the "*Distress Identification Manual for the Long-Term Pavement Performance Program"* as a guideline. Definitions of severity levels based on crack width contained in this document adhere to the LTPP Distress ID Manual. Modifications have been made to the definition of Alligator and Longitudinal Cracking and determination of Alligator Cracking severity. This manual also addresses Rutting and Roughness and its application to NPS-RIP.

In 2010, FHWA RIP began the fifth cycle of data collection in national parks. For Cycle 5, data will be collected in approximately 81 large parks (10 or more paved route miles) on Functional Class 1, 2, and 7 routes plus any new routes or parking areas previously not collected, totaling an estimated 4,459 paved route miles. Additionally, 231 small parks will be collected comprising approximately 529 paved route miles and associated paved parking areas. The data is used to support the National Park Service road maintenance program and Pavement Management System (PMS) developed and maintained by FHWA.

This ***"Distress Identification Manual for the NPS Road Inventory Program, Cycle 5, 2010-2013"*** will be used as a reference resource in crack detection and classification, determination of distress severity and extent, and in the calculation of distress index values for the FHWA RIP Cycle 5.

SURFACE DISTRESSES

Surface Condition Rating - SCR

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

Surface distresses determined from digital images

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

Surface distress measured by DCV (Data Collection Vehicle) LRMS (Laser Rut Measuring System)

- Rutting

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

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

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

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

Roughness Condition Index - RCI

Additional condition data measured by DCV (lasers and accelerometers)

- Roughness (IRI)

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

Pavement Condition Rating - PCR

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

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

A detailed description of each distress index formula, roughness index formula, SCR and PCR is provided in this document beginning on page 8.

Each classified surface distress will fall into one or more s*everity*…LOW, MEDIUM, or HIGH based on criteria listed. For each severity, an e*xtent* is established based on the measured quantity of the distress within that severity. Within each *severity* individual distresses are assigned a *Maximum Allowable Extent* (MAE). For example, LOW severity transverse cracking may be allowed up to 21.1 cracks within a 0.02 interval before it reaches MAE and fails.

The index formulas are based on a scale of 0-100. A PCR index value of 100 would indicate a "new" road with no measurable distresses or rough ride. A PCR value of 60 is determined to be *terminable serviceability* and the road is considered failed. The range of index values with condition descriptors is:

POOR (<=60), FAIR (61 - 84), GOOD (85 - 94), EXCELLENT (95 - 100)

Index values are generally computed based on cumulative deducts of the measured severities. As shown in the index formulas below, as any single severity reaches or exceeds MAE, the index computes to a value of 60 or less, and the road fails for that 0.02 interval.

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

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

TABLE 1: Distress Summary

ASPHALT-SURFACED PAVEMENT DISTRESS TYPES with RUTTING and ROUGHNESS				
DISTRESS TYPE	**UNIT OF MEASURE…**	**…CONVERTED TO**	**DEFINED SEVERITY LEVELS?**	**MEASURED BY**
Alligator Cracking	**Square Feet**	**Percent of Lane Per 0.02 Mile**	**Yes**	**Digital Image Crack Detection Software**
Transverse Cracking	**Linear Feet**	**Number of Cracks Per 0.02 Mile**	**Yes**	**Digital Image Crack Detection Software**
Longitudinal Cracking	**Linear feet**	**Percent of Lane Length Per 0.02 Mile**	**Yes**	**Digital Image Crack Detection Software**
Patching/Potholes	**Square Feet**	**Percent of Lane Per 0.02 Mile**	**No**	**Digital Image Crack Detection Software**
Rutting	**Inches**	**Rut Depth Per 0.02 Mile**	**Yes**	**DCV – Laser Rut Measuring System (LRMS)**
Roughness	**IRI**	***RCI Per 0.02 Mile**	**No**	**DCV – Lasers /Accelerometers**

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

ALLIGATOR CRACKING

Description

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

Severity Levels

LOW
An area of cracks with no or very few interconnecting cracks and the cracks are not spalled. Cracks are <= 0.25 in (6mm) in mean width. Cracks in the pattern are no further apart than 1 foot (0.328 m). May be sealed cracks with sealant in good condition and a crack width that cannot be determined.

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

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

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

TABLE 2: Alligator Crack Severity Levels

ALLIGATOR CRACKING SEVERITY LEVELS		Crack Pattern		
		LOW	**MED**	**HIGH**
Crack Width	**LOW**	L	M	H
	MED	M	M	H
	HI	H	H	H

LONGITUDINAL CRACKING

Description

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

Severity Levels

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

MED
Cracks with a mean width > 0.25 in. (6 mm) and <= 0.75 in. (19 mm). Also, any crack with a mean width < 0.75 in. (19 mm) and adjacent random low severity cracking.

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

TRANSVERSE CRACKING

Description

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

Severity Levels

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

MED
Cracks with a mean width > 0.25 in. (6 mm) and <= 0.75 in. (19 mm). Also, any crack with a mean width < 0.75 in. (19 mm) and adjacent random low severity cracking.

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

PATCHING AND POTHOLES

Description

Patching is an area of pavement surface that has been removed and replaced with patching material or an area of pavement surface that has had additional patching material applied. Patching may encompass partial-lane or full-lane width. On full-lane width patching; the total, contiguous length of a patch may not exceed 0.30 mi. (0.48 km). Any full-lane width patch exceeding 0.30 mi. in length is considered a pavement change, not a patch for the purposes of distress analysis. Patching must have a quantifiable area.

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

Severity Levels

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

RUTTING

Description

Rutting is a longitudinal surface depression in the wheelpath.

Severity Levels

LOW
Ruts with a measured depth ≥ 0.20" and ≤ 0.49"

MED
Ruts with a measured depth ≥ 0.50" and ≤ 0.99"

HIGH
Ruts with a measured depth ≥ 1.00"

Ruts < 0.20" are not included in the distress calculations.

ROUGHNESS

Description

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

Severity Levels

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

TABLE 3: IRI

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

INDEX FORMULAS

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

Alligator Crack Index

AC_INDEX = 100 – 40 * [(%LOW / 35) + (%MED / 15) + (%HI / 5)]

Where:

The values *%LOW*, *%MED* and *%HI* report the percentage of the observed pavement (0.02 mile, primary lane) that contains alligator cracking within the respective severities. These values range from 0 to 100.

%LOW = Percent of total area (primary lane, 0.02 in length), low severity
%MED = Percent of total area (primary lane, 0.02 in length), medium severity
%HI = Percent of total area (primary lane, 0.02 in length), high severity

Percent of total area is computed as:

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

In AC_INDEX, the denominators 35, 15, and 5 are the Maximum Allowable Extents (MAE) for each severity. In other words, we will allow up to 35% of low severity alligator cracking for a 0.02 interval before failure, 15% for medium severity, and so on. As you can see, if any single severity reaches MAE the resulting index value is 60, or failure.

Longitudinal Crack Index

LC_INDEX = 100 – 40 * [(%LOW / 175) + (%MED / 75) + (%HI / 25)]

Where:

The values *%LOW*, *%MED*, and *%HI* report the length of longitudinal cracking within each severity as a percent of the section length (0.02 mile, primary lane).
These values are ≥ 0 and can exceed 100.

%LOW = Percent of interval length (primary lane, 0.02 in length), low severity
%MED = Percent of interval length (primary lane, 0.02 in length), medium severity
%HI = Percent of interval length (primary lane, 0.02 in length), high severity

Percent of interval length is computed as:

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

In LC_INDEX, the denominators 175, 75, and 25 are the Maximum Allowable Extents (MAE) for each severity. In other words, we will allow up to 175% of low severity alligator cracking for a 0.02 interval before failure, 75% for medium severity, and so on. As you can see, if any single severity reaches MAE the resulting index value is 60, or failure.

Structural Crack Index

SC_INDEX = [100 - ((100 - AC_INDEX) + (100 - LC_INDEX))]

Structural Crack Index is a combination of Alligator Cracking and Longitudinal Cracking, and is used in the SCR formula in lieu of AC and LC separately.

Transverse Crack Index

TC_INDEX = 100 – 40 * [(LOW / 21.1) + (MED / 4.4) + (HI / 2.6)]

Where:

The values *LOW*, *MED* and *HI* report a count of the total number of transverse cracks (reported to three decimals) within each severity level, where one transverse crack is equal to the lane width. These values are ≥ 0.

LOW = Number of cracks in interval (primary lane, 0.02 in length), low severity
MED = Number of cracks in interval (primary lane, 0.02 in length), medium severity
HI = Number of cracks in interval (primary lane, 0.02 in length), high severity

Number of cracks is computed as:

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

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

Patching Index

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

Where:

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

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

Percent of total area is computed as:

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

There are no severity levels for patching. It either exists or does not.

In PATCH_INDEX, the denominator 80 is the Maximum Allowable Extent (MAE) for each severity. In other words, we will allow up to 80% patching for a 0.02 interval before failure. As you can see, if patching/potholes reaches MAE the resulting index value is 60, or failure.

Rutting Index

RUT_INDEX = 100 – 40 * [(%LOW / 535) + (%MED / 205) + (%HI / 40)]

Where:

20 rut depth measurements are taken per 0.02 interval for each of 2 wheel paths (left and right), resulting in a total of 40 measurements taken for both wheel paths. *Each wheelpath is analyzed independently for rut severities.* The values *%LOW*, *%MED* and *%HI* are a *total percentage* of left wheelpath percentage and right wheelpath percentage added together for the respective severity. These values range from 0 to 200.

%LOW = Percent of LOW ruts in left wheelpath based on 20 ruts, plus percent of LOW ruts in right wheelpath based on 20 ruts.
%MED = Percent of MED ruts in left wheelpath based on 20 ruts, plus percent of MED ruts in right wheelpath based on 20 ruts.
%HI = Percent of HI ruts in left wheelpath based on 20 ruts, plus percent of HI ruts in right wheelpath based on 20 ruts.

Percent of rut measurements within each severity can also be computed as:

$$\frac{\text{total number of ruts within each severity in both wheelpaths}}{20} * 100$$

In RUT_INDEX, the denominators 535, 205, and 40 are the Maximum Allowable Extents for each severity. In other words, the formula allows up to 535% low severity

ruts for a 0.02 interval before. However, since 200 is the highest measurable percentage allowed, 535% is unattainable and therefore, no amount of LOW severity rutting will cause the RUT_INDEX to fail a road. Similarly, since the MAE for MED severity rutting is 205, no amount of MED severity rutting will cause the RUT_INDEX to reach 60 and fail the road. As you can see, LOW severity rutting reaches MAE the resulting index value is 60, or failure. This formula was intentionally designed to minimize the impact of LOW and MED severity rutting on RUT_INDEX.

Roughness Condition Index (Asphalt)

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

Where:

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

Average IRI is computed as:

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

There is no applicable threshold for failure for this index.

Roughness Condition Index (Concrete)

RCI = $-0.0012(IRI^2) + 0.0499(IRI) + 99.542$

For concrete, PCR = RCI

Surface Condition Rating Index

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

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

Where:

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

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

Data Collection Vehicle Subsystems

Data on paved roads in Cycle 5 is collected by FHWA using a Pathway Services Inc. Data Collection Vehicle (DCV), called PathRunner. The DCV is driven in the primary-direction lane at posted speed limits and less.

CAMERAS

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

Two forward-facing cameras are mounted above the vehicle cab, one pointed straight ahead and the other to the right shoulder providing seamless 120 degree viewing.

CAMERA SPECIFICATIONS **Two Forward/ One Rear Facing**	
Camera lens/type	FUJINON CCTV LENS H16x10B-Y41
Focal length	10 mm – 160 mm
Image size	8.8 mm x 6.6mm
Image format	*.jpg
Image resolution	HD 2000 X 1200
Image pixel size	depends on distance
Zoom ratio	16x
Max Relative Aperture	1:2.5
Iris range	F25-T800 (Equivalent to F800)

Pavement images are created using a Laser Scan Imaging System. This system is composed of a single high resolution line-scan camera and two lasers configured to image an approximate 11-foot wide lane with 1 mm resolution.

CAMERA SPECIFICATIONS **Pavement Line Scan**	
Image size	4280 pixels/line
Image width	4 meters (3950 mm nominal)
Laser class	3B
Power	250W
Vehicle speed limitations	62 mph
Environment	Dry pavement, day or night
Sensor size (approx)	300 mm(H) x 375 mm(L) x 200 mm(D)
Image frame length	26.4 feet

DMI (Distance Measuring Instrument)

The DMI (Distance Measuring Instrument) obtains road length measurements that are accurate to 0.1% for speeds up to 60 mph. The DMI is connected to the hub of the rear wheel on the driver's side, and is calibrated to the revolutions of the rear vehicle axle on a regular basis.

ROUGHNESS (IRI)

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

IRI SPECIFICATIONS	
Reported IRI units	Inches/mile
Vehicle speed limitations	12-62 mph
IRI equipment certification	Texas Transportation Institute (TTI)
Wavelengths accommodated	6 in. – 300 feet
IRI computed & reported	World Bank Technical Paper Number 46
Environment	Dry pavement, day or night, above 32 degrees F
Adherence to specifications	ASTM E950-98 (2004), ASTM E 1926-08, AASHTO MP 11-08, AASHTO PP 49-08

RUTTING

Rutting depths are measured using an INO Laser Rut Measurement System (LRMS). This system is a transverse profiling device that detects and characterizes pavement rutting. The LRMS can acquire full 4 meter width profiles of a pavement lane at normal traffic speeds and uses two laser profilers that digitize transverse sections of the pavement.

RUTTING SPECIFICATIONS	
Reported rut depth units	Inches
Vehicle speed limitations	Up to 62 mph
Sampling rate	30-150 profiles/second
Transverse resolution	1280 points/profile
Transverse field-of-view	4 m
Depth accuracy (nominal)	+/- 1 mm
Environment	Dry pavement, day or night, above 32 degrees F
Adherence to specifications	ASTM E1703M-95 (reapproved 2005)

GPS & INERTIAL SYSTEMS

GPS is collected by an onboard system employing OmniSTAR real-time correction and a gyroscope (spin-type) to provide accurate positioning data (pitch/roll/heading) in instances of satellite obstruction. All GPS coordinates are tied to image and linear distance measurements.

GPS SPECIFICATIONS	
Static accuracy	Sub-meter
Dynamic accuracy	2-3 meters
Receiver	12 satellite tracking
Coordinate system	Lat Lon WGS 84
Environment	Day or night
Cross-slope	+- 0.5 degrees
Grade	+- 0.5 degrees

GPS on Manually Rated Roads (MRR)

Parking areas, some roads, and other paved areas that are not fully drivable with the DCV are collected manually by field technicians. GPS is collected for these routes using portable Trimble GPS backpack units. Paved campground pads and driveways are not typically included in the inventory or GPS.

Geodatabase – Background and Metadata

In addition to this park report, a ***geodatabase*** containing both tabular and spatial data specific to this park has been provided. All data disseminated in the preceding report has been obtained from the tables and fields within said geodatabase. The geodatabase can be referenced for tabular data via Microsoft Access or for both tabular and spatial data via ESRI's ArcGIS Suite of software which consists of; ArcMap, ArcCatalog and ArcExplorer. Consolidating the RIP data into one database creates a seamless relationship of tabular and geographic data. It will allow RIP to facilitate easier updates and enhancements in the future.

A geodatabase can be thought of as simply a database containing spatial data. Many different tables are contained with the park's geodatabase. A complete and thorough description of the tables and fields contained within this geodatabase can be found in the ***metadata***. The metadata is attached directly within the geodatabase and can be accessed via ESRI's ArcCatalog. The metadata portion of the geodatabase also includes data dictionary report functionality that formats the metadata into an easy to read report.

GLOSSARY OF TERMS AND ABBREVIATIONS

TERM OR ABBREVIATION	DESCRIPTION OR DEFINITION
AC	Alligator Cracking
CRS	Condition Rating Sheets (Section 5)
DCV	Data Collection Vehicle
Excellent	Excellent rating with an index value of 95 to 100
Fair	Fair rating with an index value from 61 to 84
FUNCT_CLASS	Functional Classification (see Route ID, Section 2)
Good	Good rating with an index value from 85 to 94
IRI	International Roughness Index
Lane Width	Width from road centerline to fogline, or from centerline to edge-of-pavement when no fogline exists
LC	Longitudinal Cracking
MRR	Manually Rated Route
MRL	Manually Rated Line
MRP	Manually Rated Polygon
N/A	Not Applicable
NC	Not Collected
PATCH	Patching and Potholes
Paved Width	Width from edge-of-pavement to edge-of-pavement
PCR	Pavement Condition Rating
PKG	Parking Area
Poor	Poor rating with an index value of 0 to 60
RCI	Roughness Condition Index
SC	Structural Cracking
SCR	Surface Condition Rating
TC	Transverse Cracking