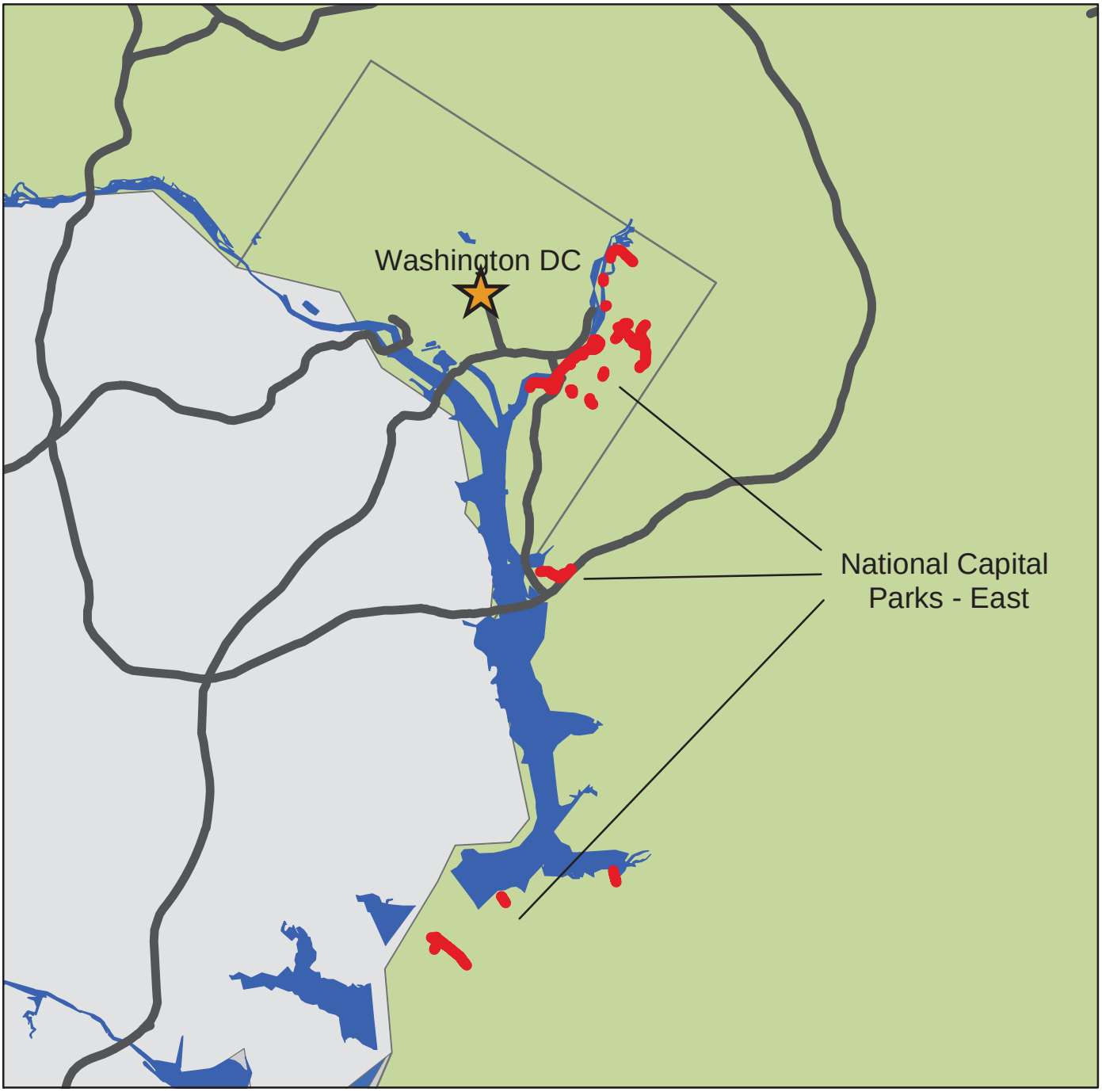
national park service

The Road Inventory
of
National Capital Parks - East
NACE – 3500
Cycle 4

Prepared By:
Federal Highway Administration
Road Inventory Program
Cycle 4

National Capital Parks - East
in
Washington DC / Maryland



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National Capital Parks - East

Section 1
Introduction

INTRODUCTION

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

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

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

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

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

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

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

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

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

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

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

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

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National Capital Parks - East

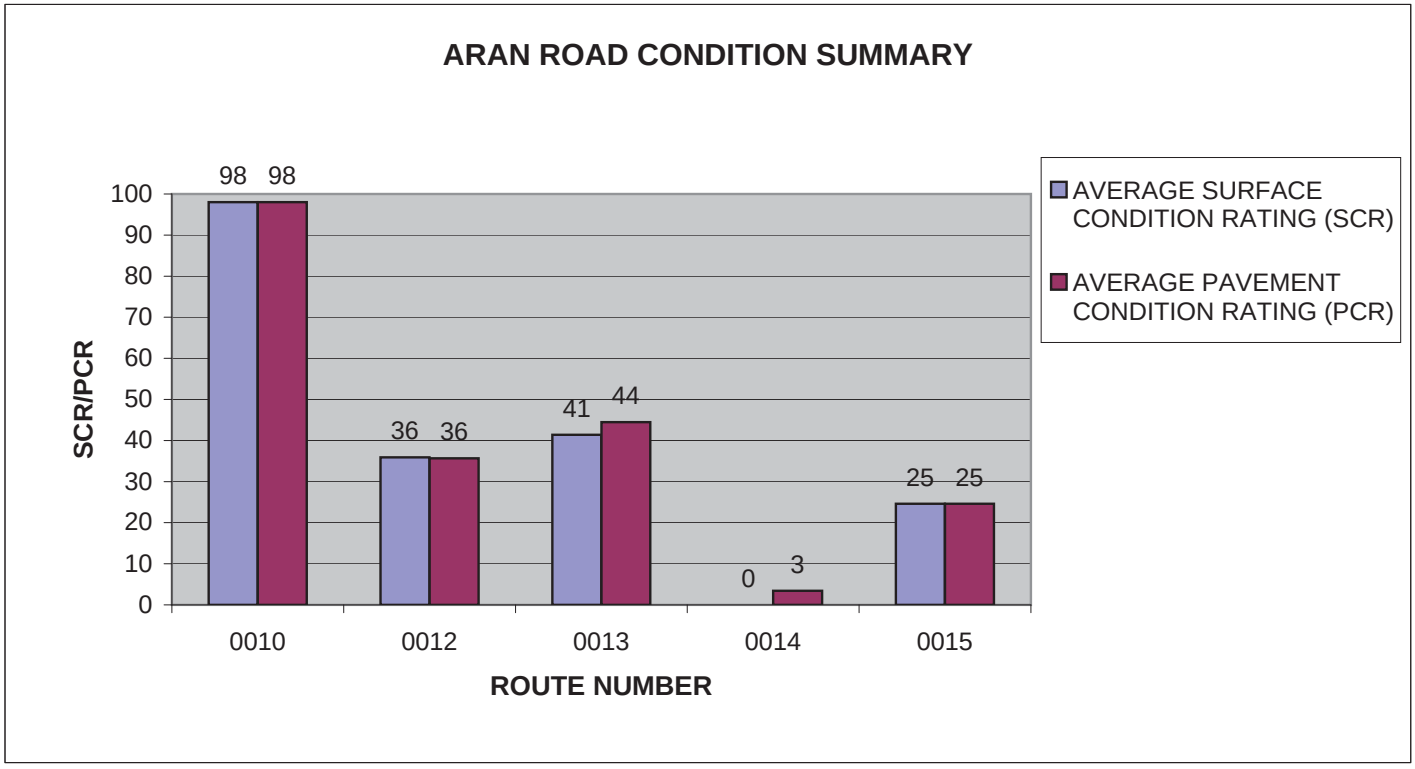
Section 2
Park Summary Information

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

F.C.	Pavement Condition Rating (PCR)								TOTAL MILES
	Poor (<=60)		Fair (61-84)		Good (85-94)		Excellent (95-100)		
	MILES	%	MILES	%	MILES	%	MILES	%	
1	3.69	32.92%	1.57	14.01%	0.26	2.32%	0.16	1.43%	**5.68**
2	0.97	8.65%	1.31	11.69%	0.65	5.80%	0.34	3.03%	**3.27**
3	0.70	6.24%	0.21	1.87%	0.05	0.45%			**0.96**
4									
5	0.86	7.67%	0.38	3.39%	0.06	0.54%			**1.30**
6									
7									
8									
Totals	**6.22**	**55.48%**	**3.47**	**30.95%**	**1.02**	**9.10%**	**0.50**	**4.46%**	**11.21**

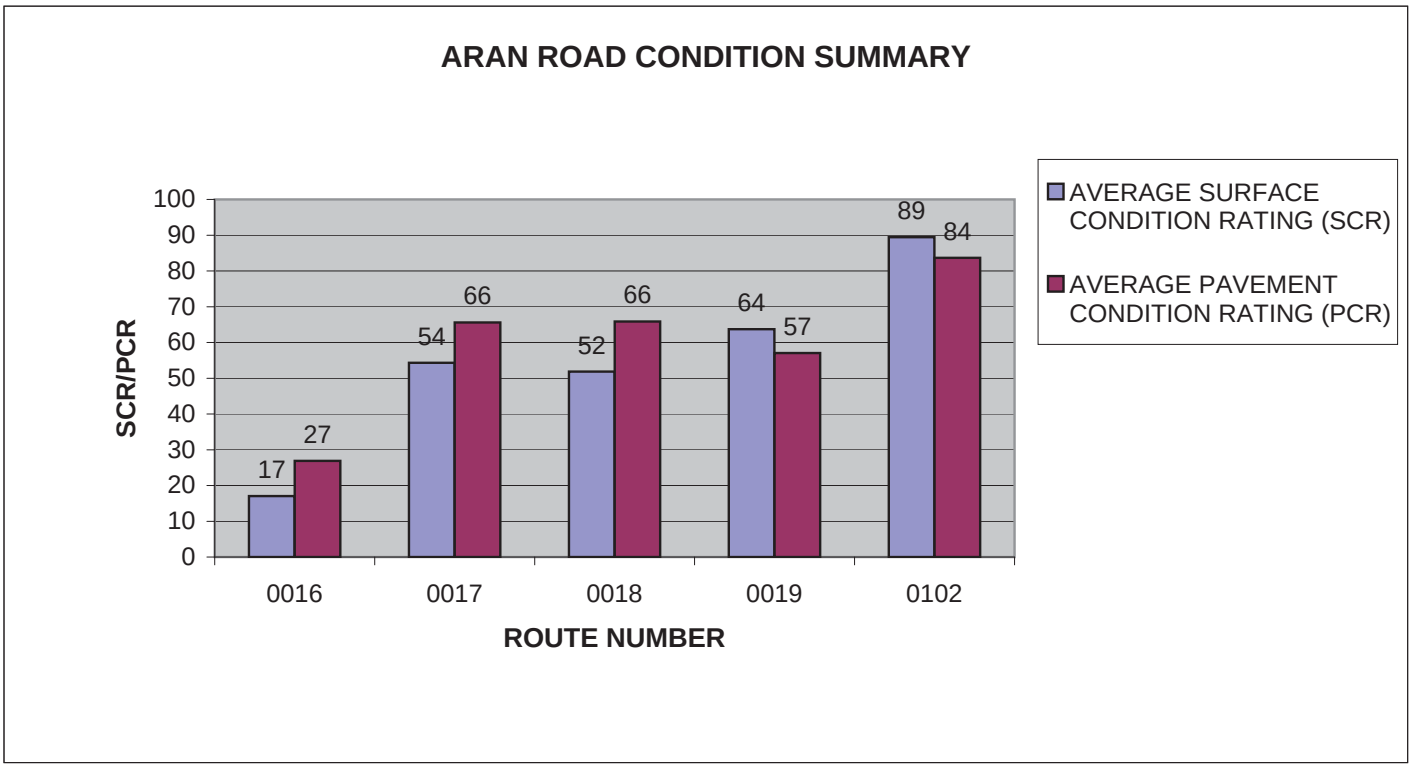
NACE: ARAN ROAD CONDITION SUMMARY

ROUTE NUMBER	ROUTE NAME	FUNCT CLASS	ROUTE LENGTH	SURFACE TYPE	AVERAGE SURFACE CONDITION RATING (SCR)	AVERAGE PAVEMENT CONDITION RATING (PCR)
0010	OXON HILL VISITOR CENTER ENTRANCE ROAD	1	0.10	ASPHALT	98	98
0012	KENILWORTH PARK ACCESS	1	1.10	ASPHALT	36	36
0013	ANACOSTIA DRIVE	1	2.09	ASPHALT	41	44
0014	GOOD HOPE ROAD	1	0.07	ASPHALT	0	3
0015	22ND STREET	1	0.05	ASPHALT	25	25



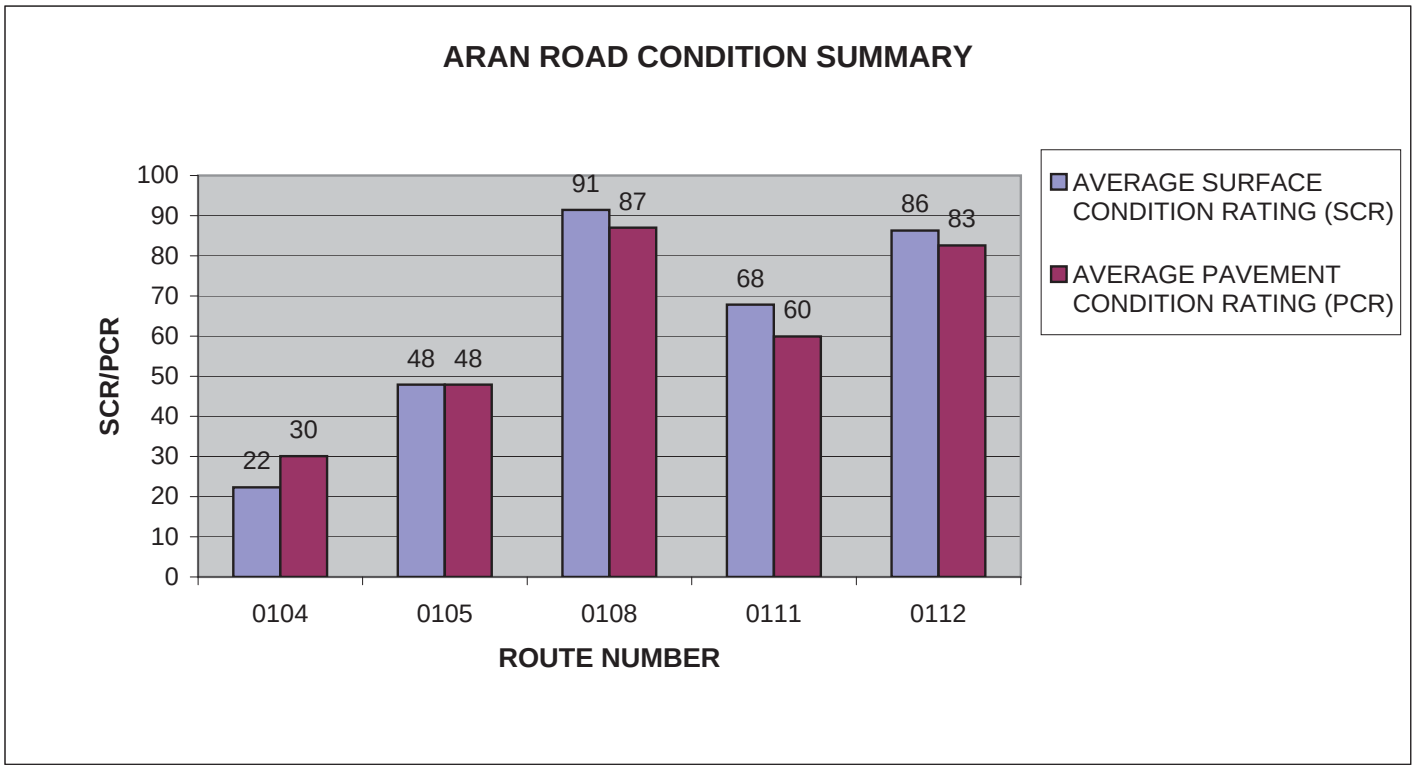
NACE: ARAN ROAD CONDITION SUMMARY

ROUTE NUMBER	ROUTE NAME	FUNCT CLASS	ROUTE LENGTH	SURFACE TYPE	AVERAGE SURFACE CONDITION RATING (SCR)	AVERAGE PAVEMENT CONDITION RATING (PCR)
0016	LOOP ROAD	1	0.56	ASPHALT	17	27
0017	FORT DUPONT DRIVE	1	0.8	ASPHALT	54	66
0018	FORT DAVIS DRIVE	1	1.21	ASPHALT	52	66
0019	RIDGE PICNIC AREA ROAD	3	0.46	ASPHALT	64	57
0102	FREDERICK DOUGLAS HOME ACCESS ROAD	2	0.18	ASPHALT	89	84



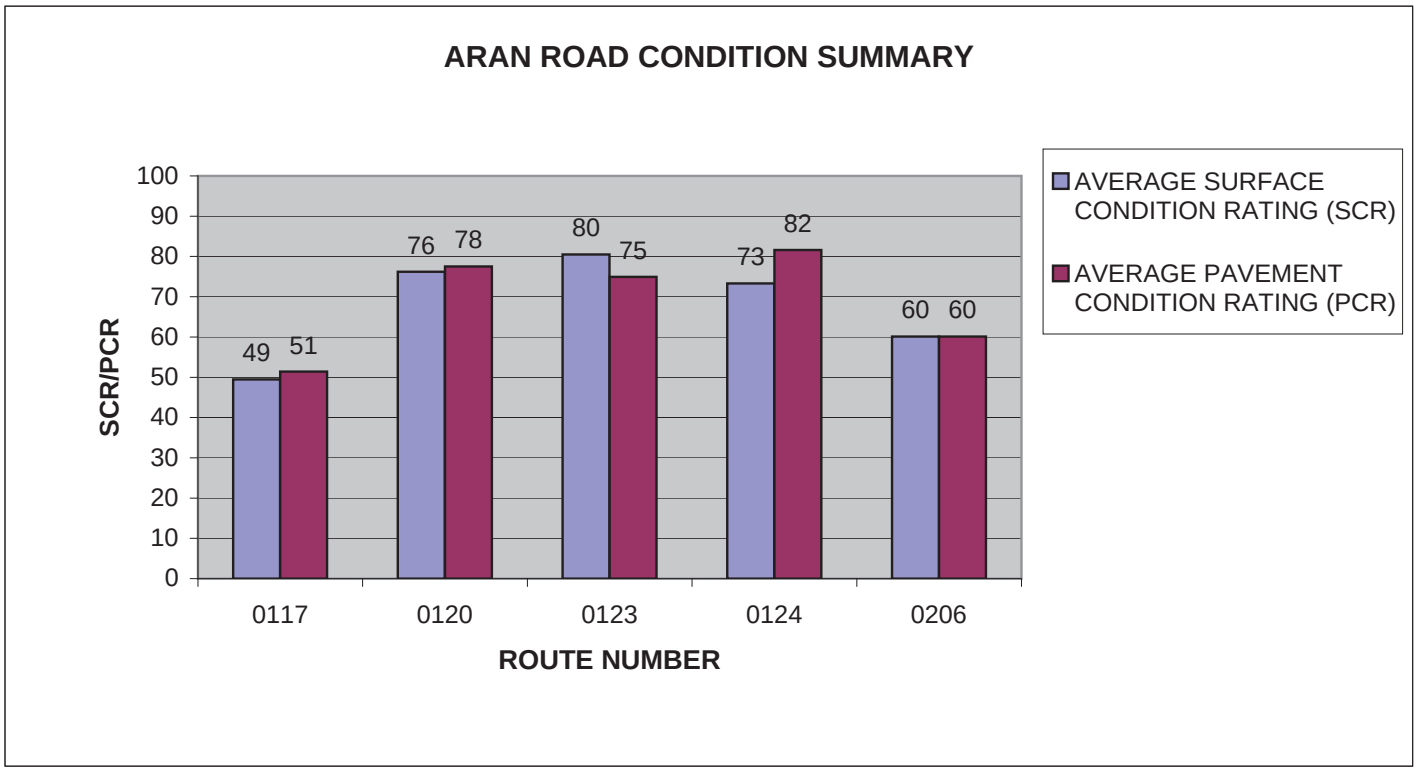
NACE: ARAN ROAD CONDITION SUMMARY

ROUTE NUMBER	ROUTE NAME	FUNCT CLASS	ROUTE LENGTH	SURFACE TYPE	AVERAGE SURFACE CONDITION RATING (SCR)	AVERAGE PAVEMENT CONDITION RATING (PCR)
0104	HEADQUARTERS ACCESS	2	0.53	ASPHALT	22	30
0105	ANACOSTIA POOL AND REC FACILITY ROAD	2	0.11	ASPHALT	48	48
0108	FORT STANTON RESERVOIR ACCESS ROAD	2	0.47	ASPHALT	91	87
0111	27TH STREET	2	0.13	ASPHALT	68	60
0112	SAYLOR GROVE ROAD	2	0.2	ASPHALT	86	83



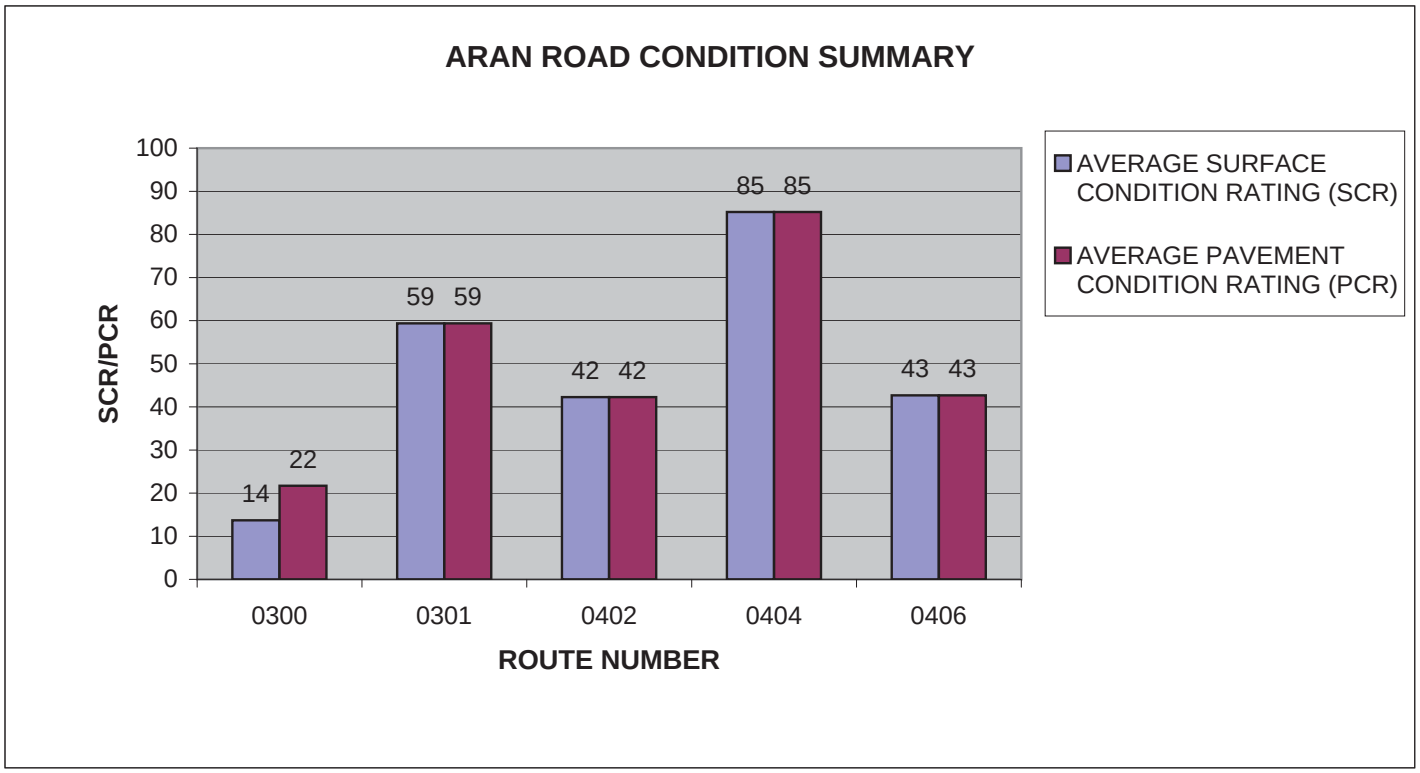
NACE: ARAN ROAD CONDITION SUMMARY

ROUTE NUMBER	ROUTE NAME	FUNCT CLASS	ROUTE LENGTH	SURFACE TYPE	AVERAGE SURFACE CONDITION RATING (SCR)	AVERAGE PAVEMENT CONDITION RATING (PCR)
0117	FT DUPONT MAINTENANCE ACCESS ROAD	2	0.31	ASPHALT	49	51
0120	FARMINGTON LANDING ACCESS ROAD	2	0.3	ASPHALT	76	78
0123	RIVER ROAD	2	0.21	ASPHALT	80	75
0124	MARYLAND STATE HWY 227	2	1.12	ASPHALT	73	82
0206	RIDGE PICNIC AREA LOOP	3	0.09	ASPHALT	60	60



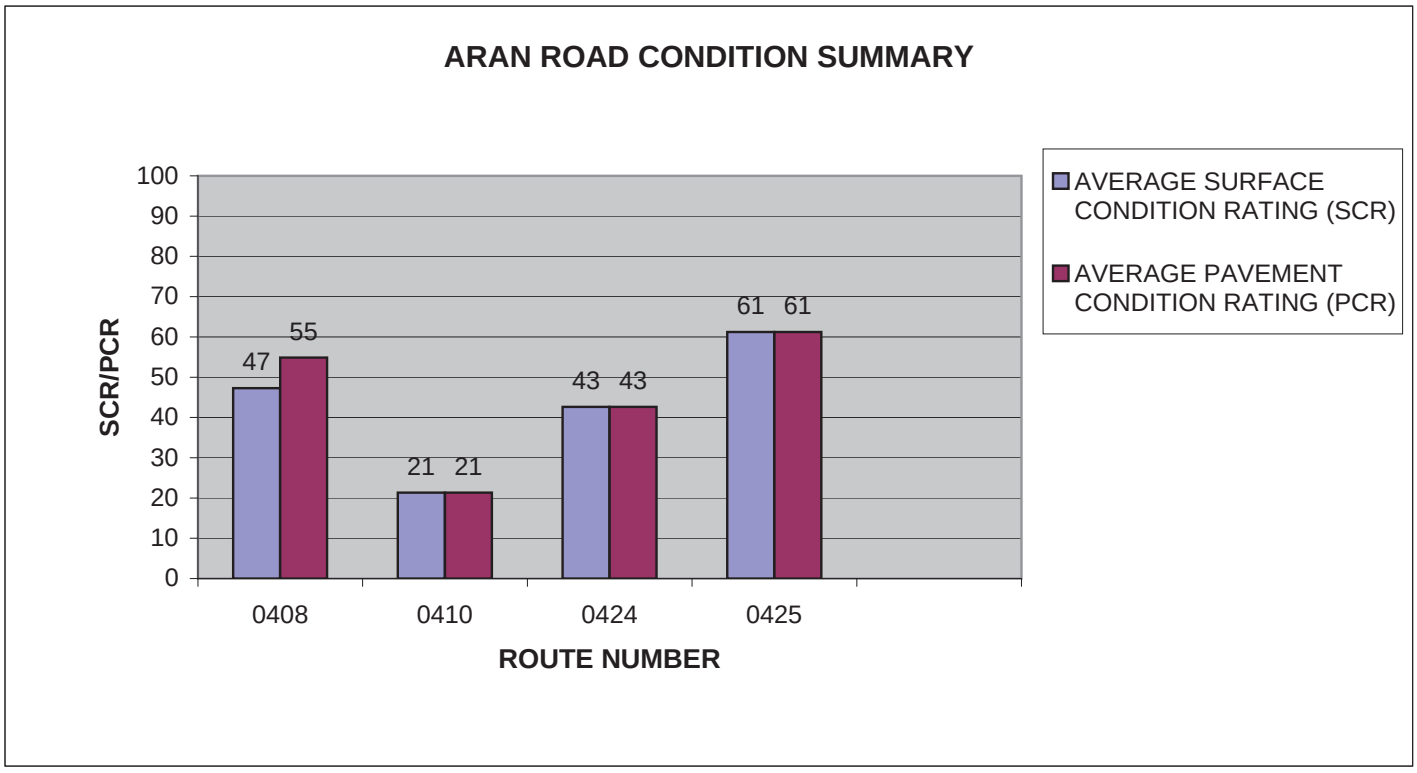
NACE: ARAN ROAD CONDITION SUMMARY

ROUTE NUMBER	ROUTE NAME	FUNCT CLASS	ROUTE LENGTH	SURFACE TYPE	AVERAGE SURFACE CONDITION RATING (SCR)	AVERAGE PAVEMENT CONDITION RATING (PCR)
0300	MARSHALL HALL ACCESS ROAD	3	0.28	ASPHALT	14	22
0301	MARSHALL HALL LOOP ROAD	3	0.13	ASPHALT	59	59
0402	KENILWORTH MAINTENANCE ACCESS	5	0.08	ASPHALT	42	42
0404	RIVER TERRACE ROAD	5	0.64	ASPHALT	85	85
0406	FORT DUPONT MAINTENANCE ACCESS/YARD	5	0.06	ASPHALT	43	43



NACE: ARAN ROAD CONDITION SUMMARY

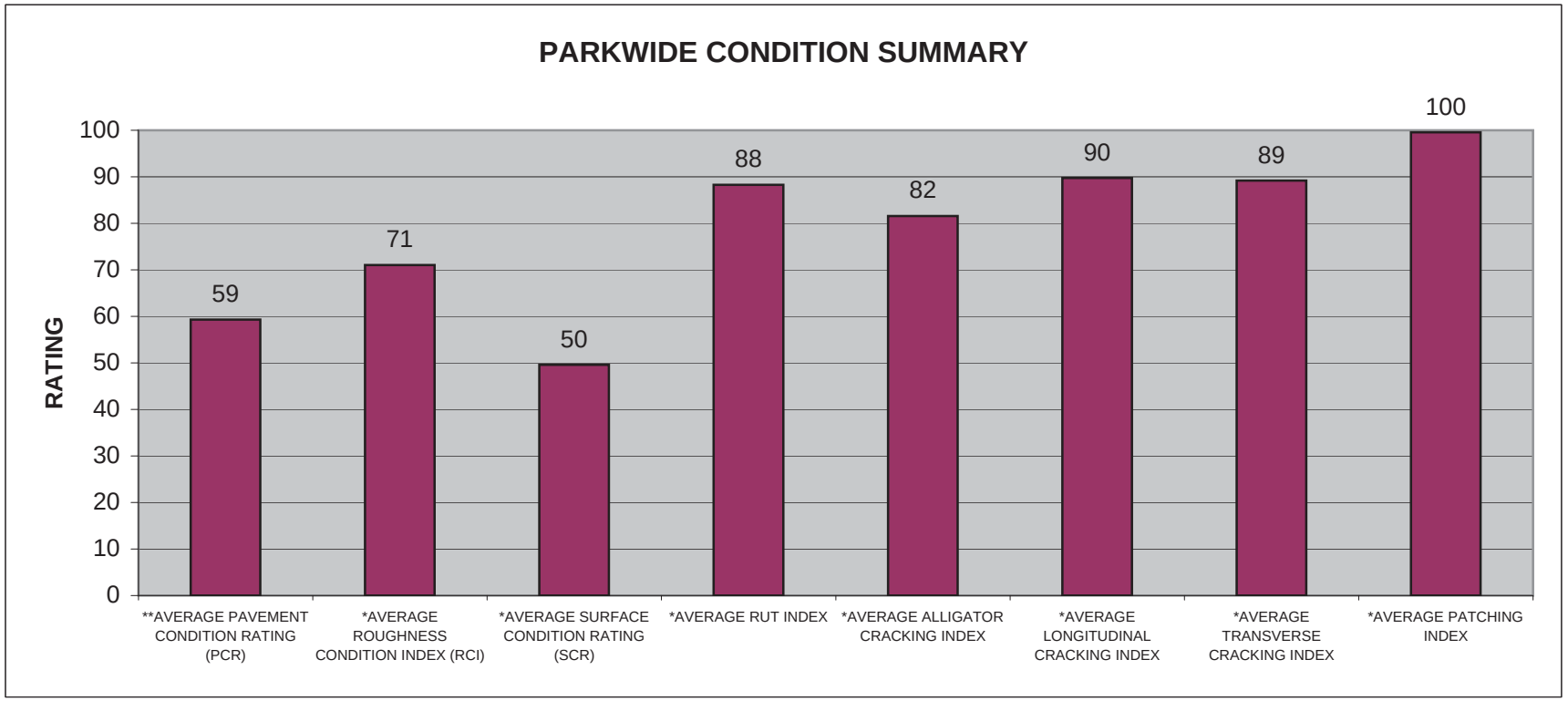
ROUTE NUMBER	ROUTE NAME	FUNCT CLASS	ROUTE LENGTH	SURFACE TYPE	AVERAGE SURFACE CONDITION RATING (SCR)	AVERAGE PAVEMENT CONDITION RATING (PCR)
0408	BOTTOM ROAD	5	0.82	ASPHALT	47	55
0410	RESIDENCE ACCESS	5	0.09	ASPHALT	21	21
0424	USPP TRAINING FACILITIES ROAD	5	0.11	ASPHALT	43	43
0425	FT DUPONT SUMMER THEATRE SERVICE ROAD	5	0.09	ASPHALT	61	61



NACE: PARKWIDE CONDITION SUMMARY

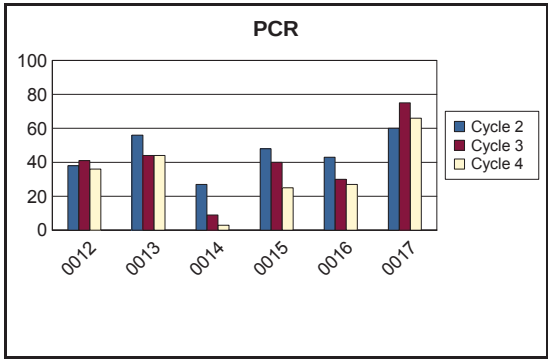
**AVERAGE PAVEMENT CONDITION RATING (PCR)	*AVERAGE ROUGHNESS CONDITION INDEX (RCI)	*AVERAGE SURFACE CONDITION RATING (SCR)	*AVERAGE RUT INDEX	*AVERAGE ALLIGATOR CRACKING INDEX	*AVERAGE LONGITUDINAL CRACKING INDEX	*AVERAGE TRANSVERSE CRACKING INDEX	*AVERAGE PATCHING INDEX
59	71	50	88	82	90	89	100

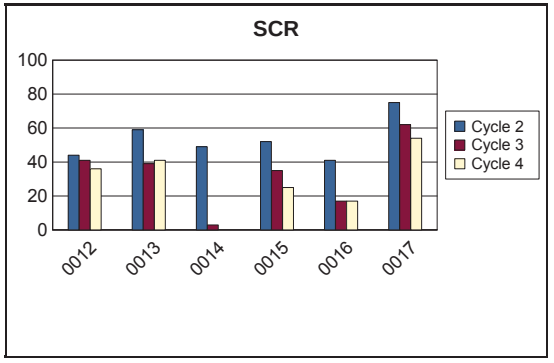
*** PCR Index is based on all ARAN-driven roads, parking areas, and manually rated routes.*
** Index values are based on ARAN-driven roads only.*

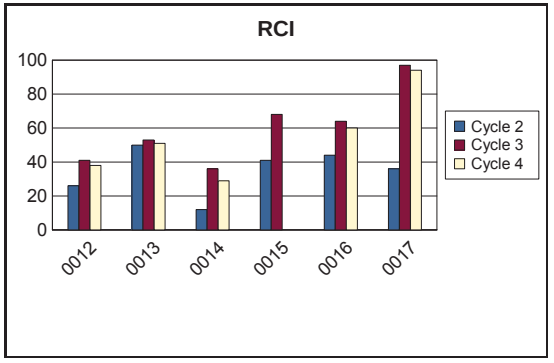


NACE CYCLE 2 vs CYCLE 3 vs CYCLE 4 CONDITION COMPARISONS

				PAVEMENT CONDITION RATING (PCR)				SURFACE CONDITION RATING (SCR)				ROUGHNESS CONDITION INDEX (RCI)				
ROUTE NUMBER	PAVED MILES	FROM MILEPOST	TO MILEPOST	CYCLE 2	CYCLE 3	CYCLE 4	PERCENT CHANGE	CYCLE 2	CYCLE 3	CYCLE 4	PERCENT CHANGE	CYCLE 2	CYCLE 3	CYCLE 4	PERCENT CHANGE	COMMENT
0012	0.85	0.00	0.85	38	41	36	-12%	44	41	36	-12%	26	41	38	-7%	
0013	2.13	0.00	2.13	56	44	44	0%	59	39	41	+5%	50	53	51	-4%	
0014	0.11	0.00	0.11	27	9	3	-67%	49	3	0	-100%	12	36	29	-19%	
0015	0.13	0.00	0.13	48	40	25	-38%	52	35	25	-29%	41	68	N/A	N/A	RCI not collected in Cycle 4.
0016	0.56	0.00	0.56	43	30	27	-10%	41	17	17	0%	44	64	60	-6%	
0017	0.80	0.00	0.80	60	75	66	-12%	75	62	54	-13%	36	97	94	-3%	



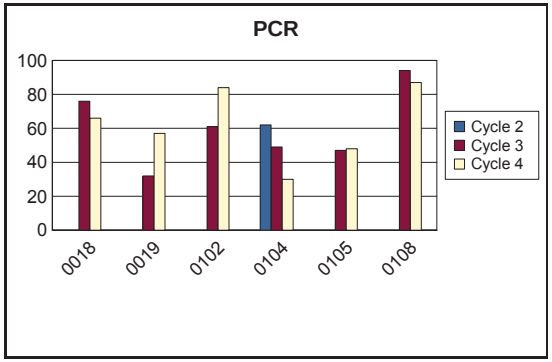


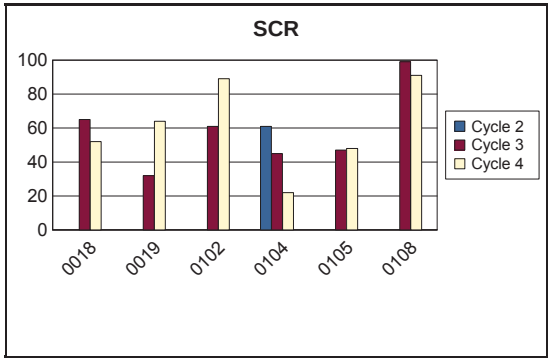


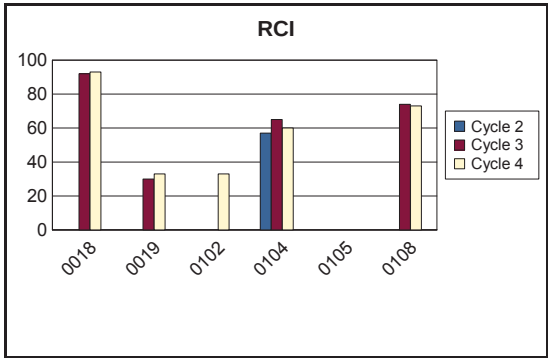
Cycle 4 Data Collected 2/14/2009 - 3/23/2009

NACE CYCLE 2 vs CYCLE 3 vs CYCLE 4 CONDITION COMPARISONS

ROUTE NUMBER	PAVED MILES	FROM MILEPOST	TO MILEPOST	PAVEMENT CONDITION RATING (PCR)				SURFACE CONDITION RATING (SCR)				ROUGHNESS CONDITION INDEX (RCI)				COMMENT
				CYCLE 2	CYCLE 3	CYCLE 4	PERCENT CHANGE	CYCLE 2	CYCLE 3	CYCLE 4	PERCENT CHANGE	CYCLE 2	CYCLE 3	CYCLE 4	PERCENT CHANGE	
0018	1.21	0.00	1.21	N/A	76	66	-13%	N/A	65	52	-20%	N/A	92	93	+1%	
0019	0.46	0.00	0.46	N/A	32	57	+78%	N/A	32	64	+100%	N/A	30	33	+10%	
0102	0.18	0.00	0.18	N/A	61	84	+38%	N/A	61	89	+46%	N/A	N/A	33	N/A	RCI not collected in Cycle 3.
0104	0.53	0.00	0.53	62	49	30	-39%	61	45	22	-51%	57	65	60	-8%	
0105	0.11	0.00	0.11	N/A	47	48	+2%	N/A	47	48	+2%	N/A	N/A	N/A	N/A	RCI not collected in Cycle 4 or Cycle 3.
0108	0.18	0.00	0.18	N/A	94	87	-7%	N/A	99	91	-8%	N/A	74	73	-1%	



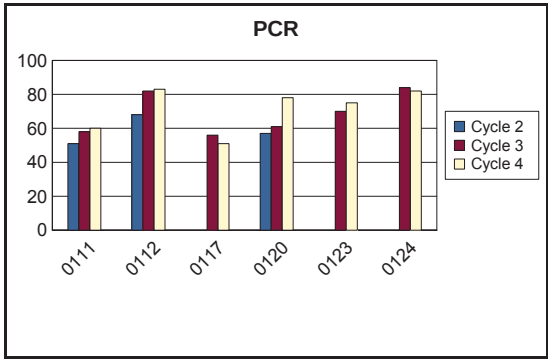


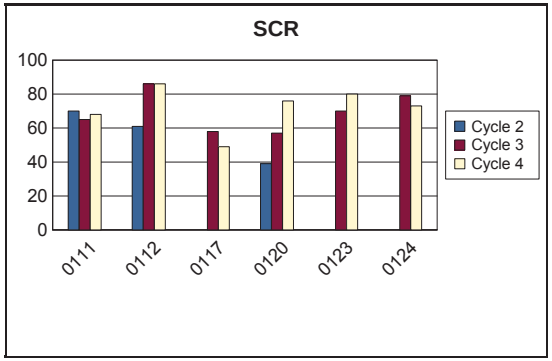


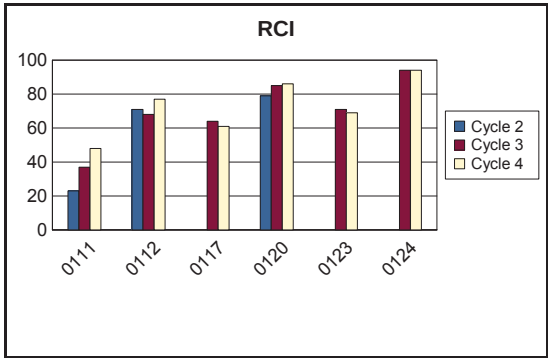
Cycle 4 Data Collected 2/14/2009 - 3/23/2009

NACE CYCLE 2 vs CYCLE 3 vs CYCLE 4 CONDITION COMPARISONS

ROUTE NUMBER	PAVED MILES	FROM MILEPOST	TO MILEPOST	PAVEMENT CONDITION RATING (PCR)				SURFACE CONDITION RATING (SCR)				ROUGHNESS CONDITION INDEX (RCI)				COMMENT
				CYCLE 2	CYCLE 3	CYCLE 4	PERCENT CHANGE	CYCLE 2	CYCLE 3	CYCLE 4	PERCENT CHANGE	CYCLE 2	CYCLE 3	CYCLE 4	PERCENT CHANGE	
0111	0.13	0.00	0.13	51	58	60	+3%	70	65	68	+5%	23	37	48	+30%	
0112	0.20	0.00	0.20	68	82	83	+1%	61	86	86	0%	71	68	77	+13%	
0117	0.38	0.00	0.38	N/A	56	51	-9%	N/A	58	49	-16%	N/A	64	61	-5%	
0120	0.30	0.00	0.30	57	61	78	+28%	39	57	76	+33%	79	85	86	+1%	
0123	0.21	0.00	0.21	N/A	70	75	+7%	N/A	70	80	+14%	N/A	71	69	-3%	
0124	1.12	0.00	1.12	N/A	84	82	-2%	N/A	79	73	-8%	N/A	94	94	0%	



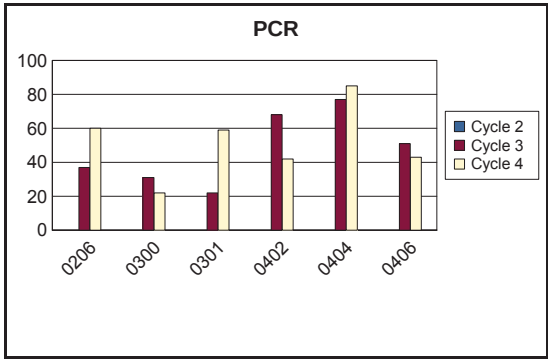


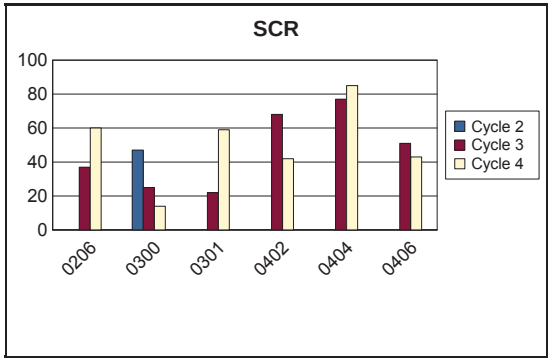


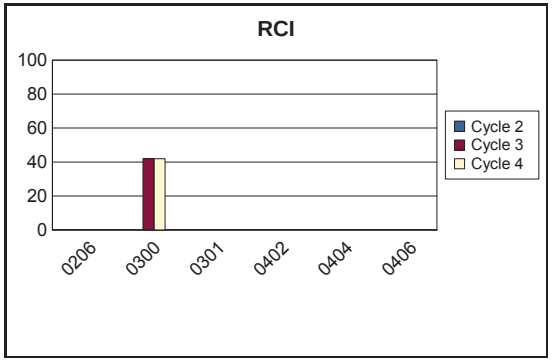
Cycle 4 Data Collected 2/14/2009 - 3/23/2009

NACE CYCLE 2 vs CYCLE 3 vs CYCLE 4 CONDITION COMPARISONS

ROUTE NUMBER	PAVED MILES	FROM MILEPOST	TO MILEPOST	PAVEMENT CONDITION RATING (PCR)				SURFACE CONDITION RATING (SCR)				ROUGHNESS CONDITION INDEX (RCI)				COMMENT
				CYCLE 2	CYCLE 3	CYCLE 4	PERCENT CHANGE	CYCLE 2	CYCLE 3	CYCLE 4	PERCENT CHANGE	CYCLE 2	CYCLE 3	CYCLE 4	PERCENT CHANGE	
0206	0.09	0.00	0.09	N/A	37	60	+62%	N/A	37	60	+62%	N/A	N/A	N/A	N/A	RCI not collected in Cycle 4 or Cycle 3.
0300	0.28	0.00	0.28	N/A	31	22	-29%	47	25	14	-44%	N/A	42	42	0%	
0301	0.13	0.00	0.13	N/A	22	59	+168%	N/A	22	59	+168%	N/A	N/A	N/A	N/A	RCI not collected in Cycle 4 or Cycle 3.
0402	0.08	0.00	0.08	N/A	68	42	-38%	N/A	68	42	-38%	N/A	N/A	N/A	N/A	RCI not collected in Cycle 4 or Cycle 3.
0404	0.05	0.00	0.05	N/A	77	85	+10%	N/A	77	85	+10%	N/A	N/A	N/A	N/A	RCI not collected in Cycle 4 or Cycle 3.
0406	0.06	0.00	0.06	N/A	51	43	-16%	N/A	51	43	-16%	N/A	N/A	N/A	N/A	RCI not collected in Cycle 4 or Cycle 3.



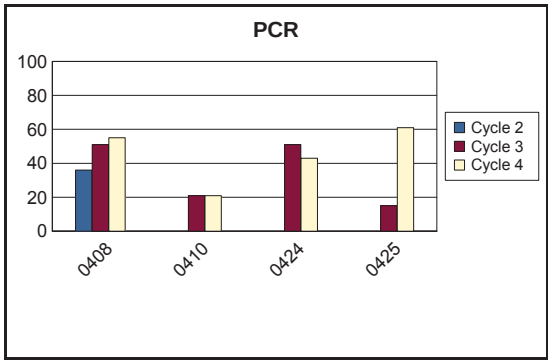


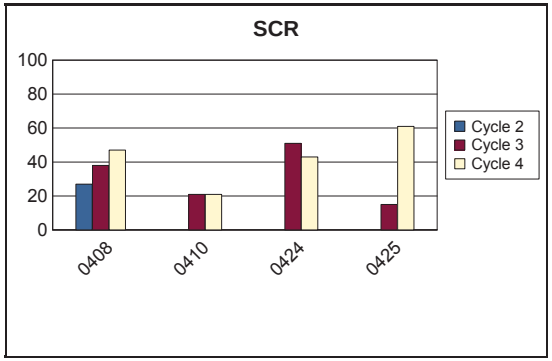


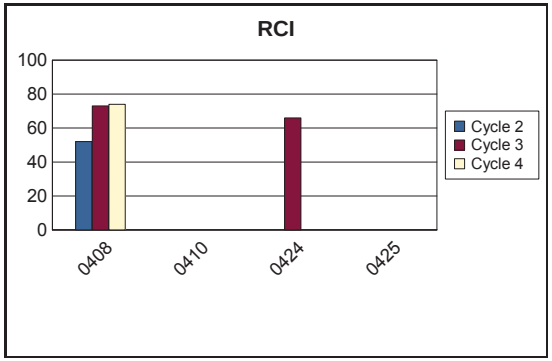
Cycle 4 Data Collected 2/14/2009 - 3/23/2009

NACE CYCLE 2 vs CYCLE 3 vs CYCLE 4 CONDITION COMPARISONS

ROUTE NUMBER	PAVED MILES	FROM MILEPOST	TO MILEPOST	PAVEMENT CONDITION RATING (PCR)				SURFACE CONDITION RATING (SCR)				ROUGHNESS CONDITION INDEX (RCI)				COMMENT
				CYCLE 2	CYCLE 3	CYCLE 4	PERCENT CHANGE	CYCLE 2	CYCLE 3	CYCLE 4	PERCENT CHANGE	CYCLE 2	CYCLE 3	CYCLE 4	PERCENT CHANGE	
0408	0.82	0.00	0.82	36	51	55	+8%	27	38	47	+24%	52	73	74	+1%	
0410	0.09	0.00	0.09	N/A	21	21	0%	N/A	21	21	0%	N/A	N/A	N/A	N/A	RCI not collected in Cycle 4 or Cycle 3.
0424	0.17	0.00	0.17	N/A	51	43	-16%	N/A	51	43	-16%	N/A	66	N/A	N/A	RCI not collected in Cycle 4.
0425	0.10	0.00	0.10	N/A	15	61	+307%	N/A	15	61	+307%	N/A	N/A	N/A	N/A	RCI not collected in Cycle 4 or Cycle 3.





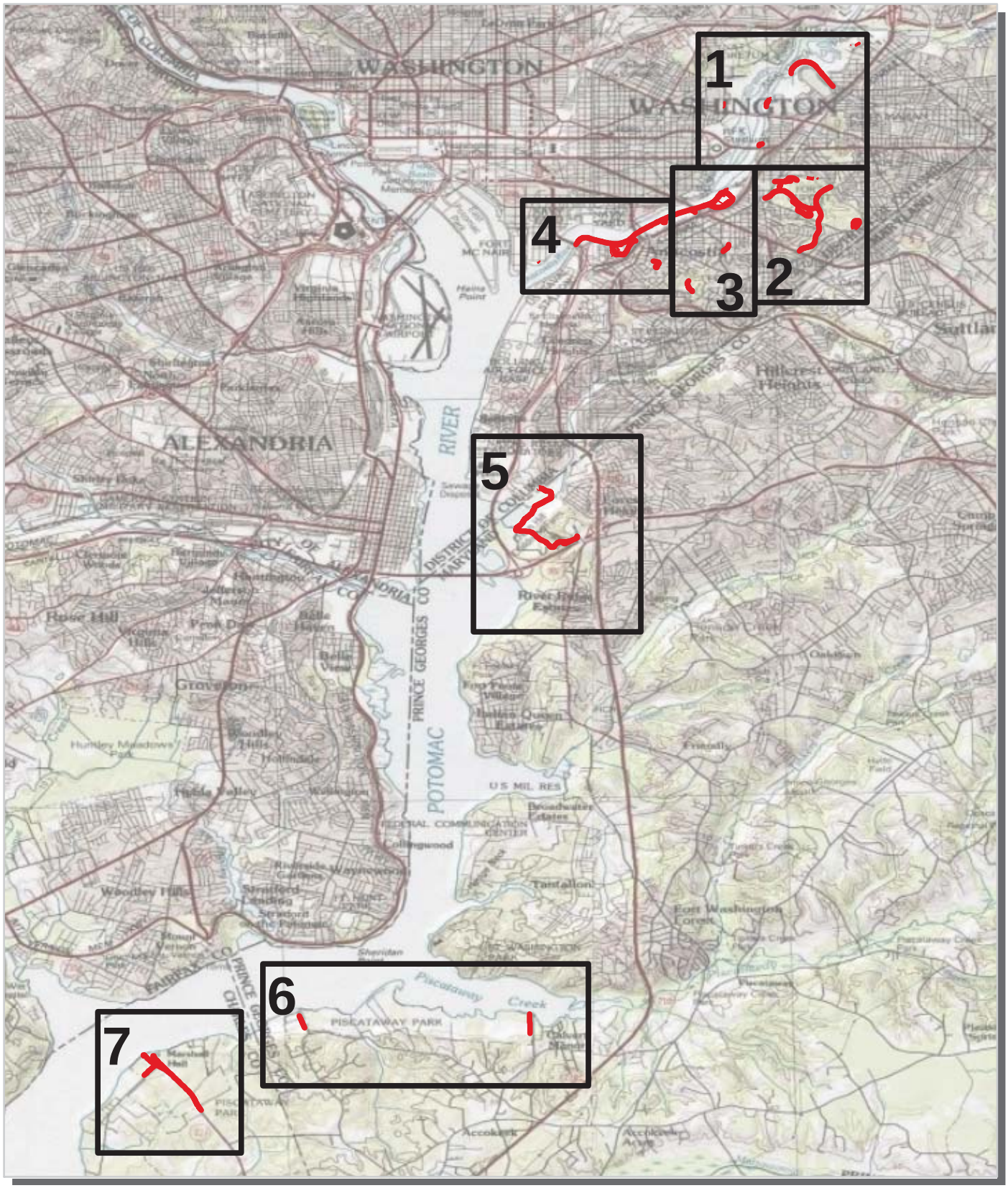


Cycle 4 Data Collected 2/14/2009 - 3/23/2009

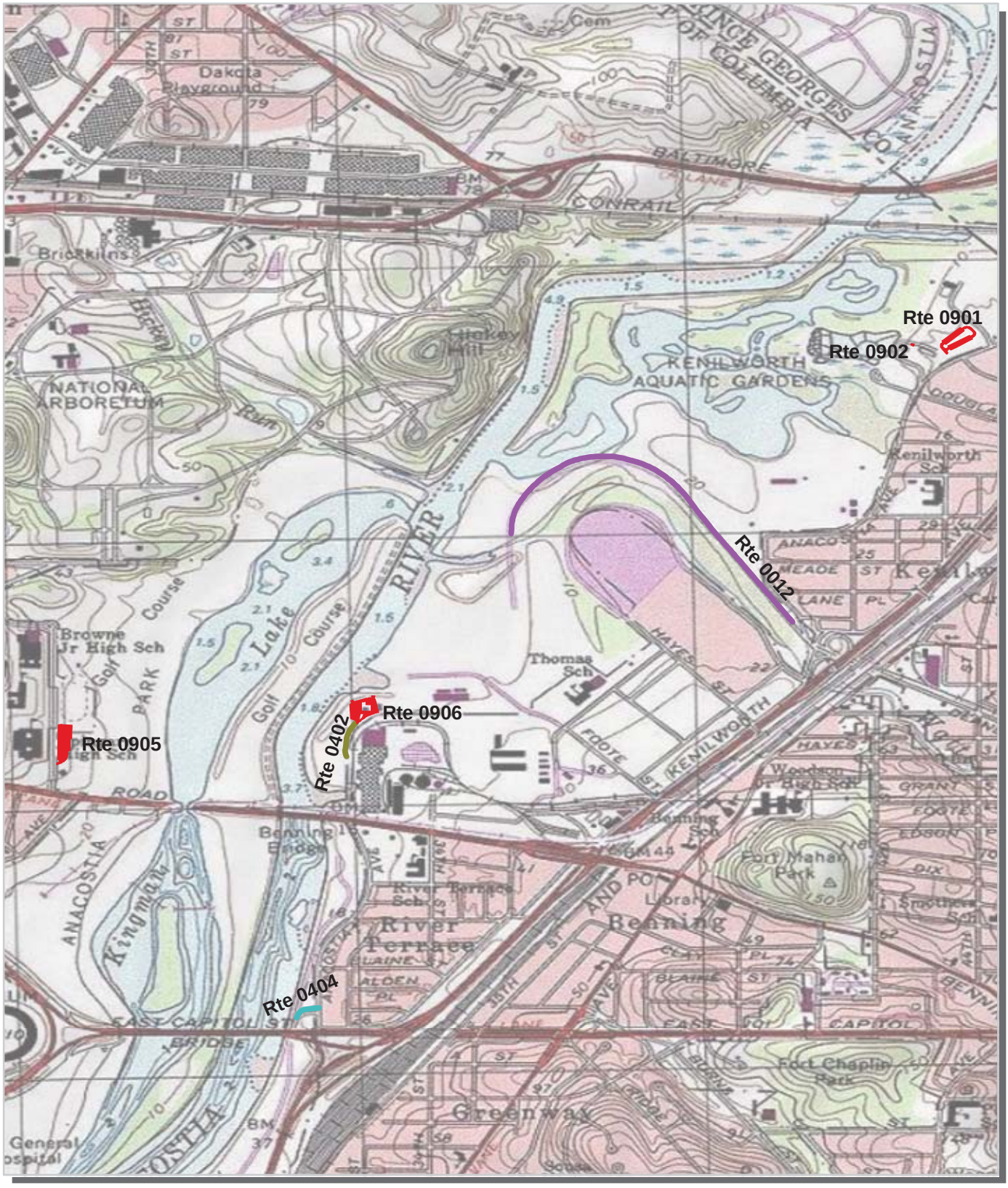
National Capital Parks - East

Section 3
Park Route Location / Condition Maps

National Capital Parks - East
Route Location Map
Key Map



National Capital Parks - East
Route Location Map
Area 1

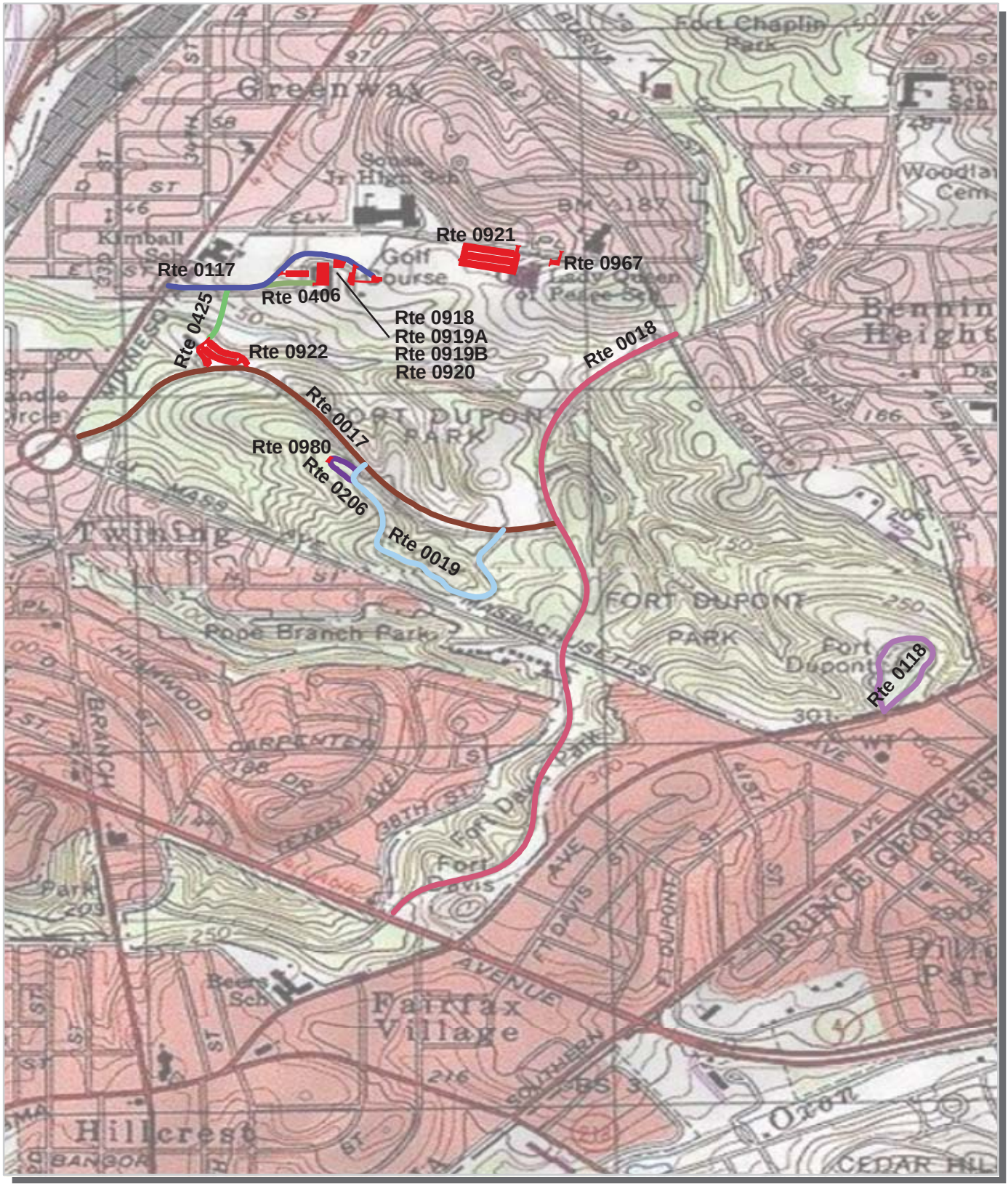


Unique colors used to differentiate routes

0.3 0.15 0 0.3 Miles

N

National Capital Parks - East
Route Location Map
Area 2

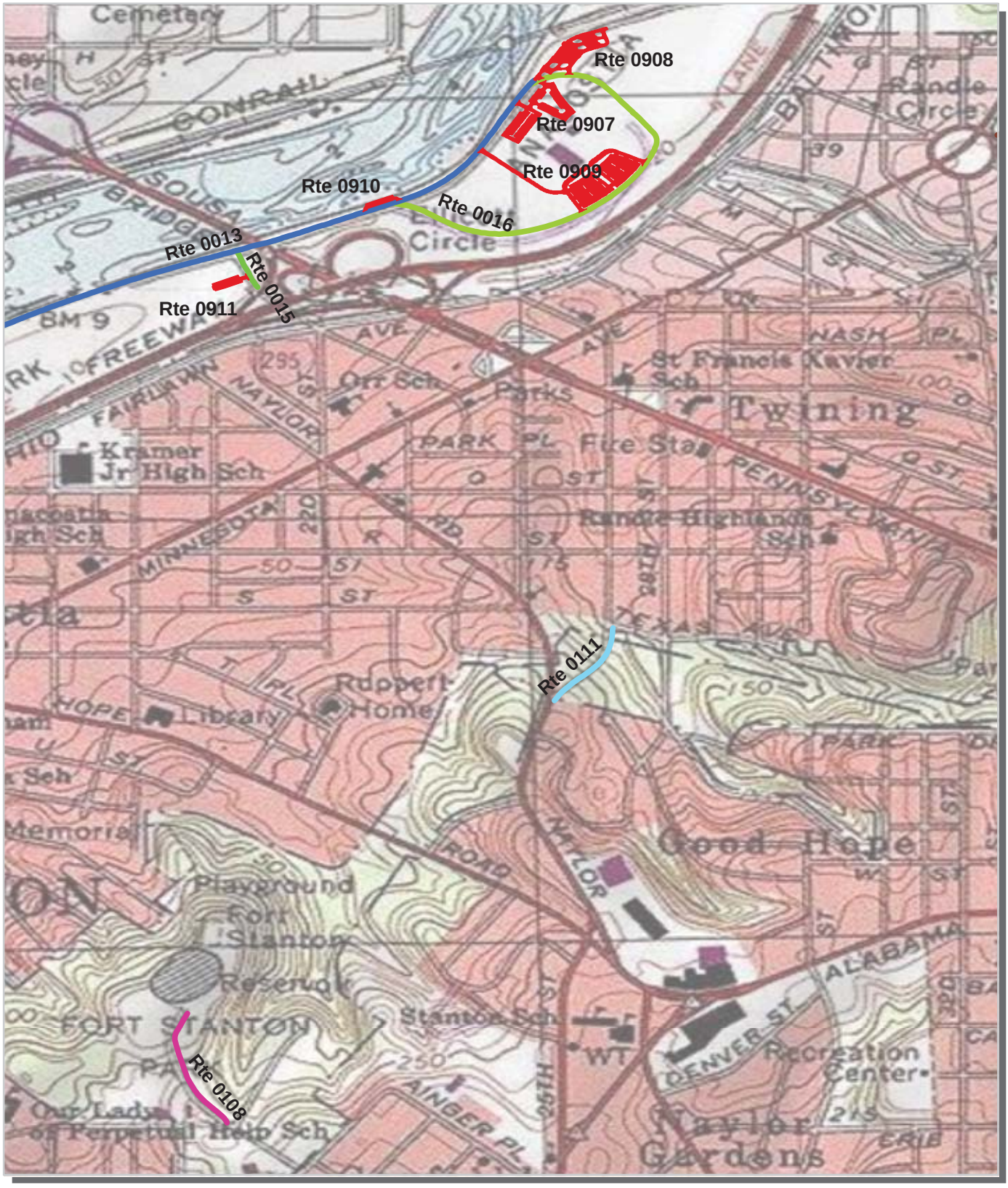


Unique colors used to differentiate routes

0.25 0.125 0 0.25 Miles

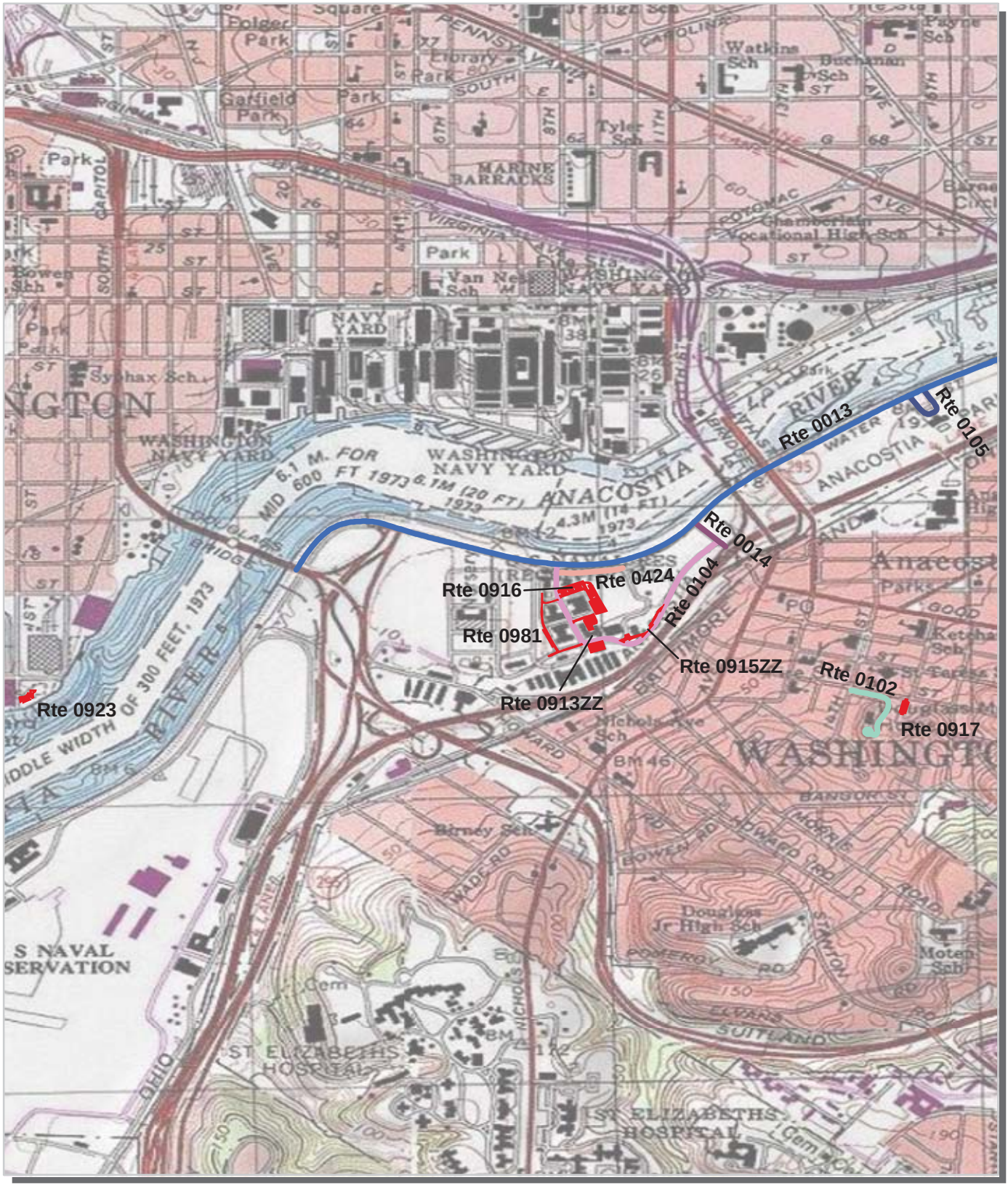
N

National Capital Parks - East
Route Location Map
Area 3



Unique colors used to differentiate routes

National Capital Parks - East
Route Location Map
Area 4

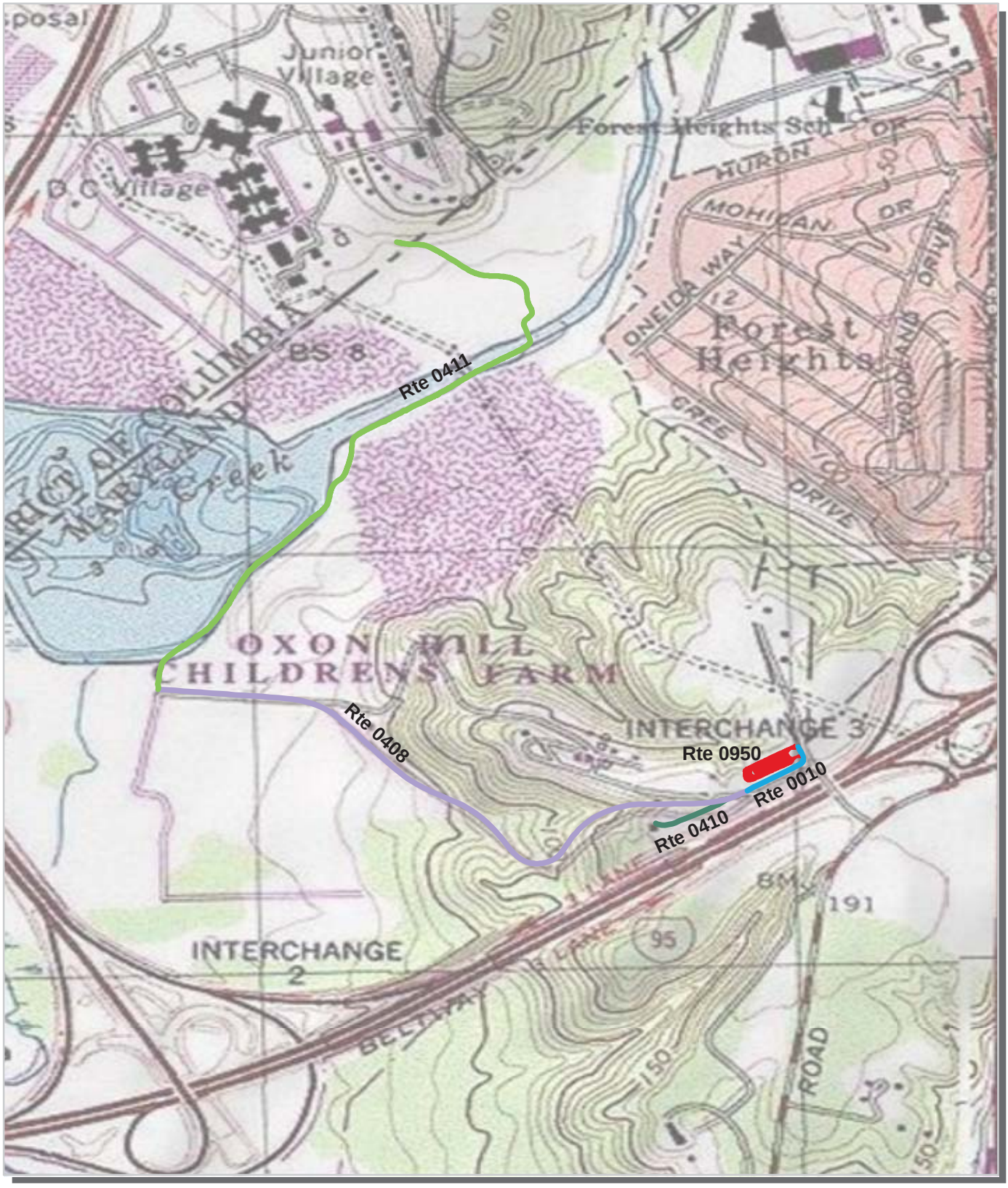


Unique colors used to differentiate routes

0.3 0.15 0 0.3
Miles

N

National Capital Parks - East
Route Location Map
Area 5



Unique colors used to differentiate routes

0.25 0.125 0 0.25 Miles

N

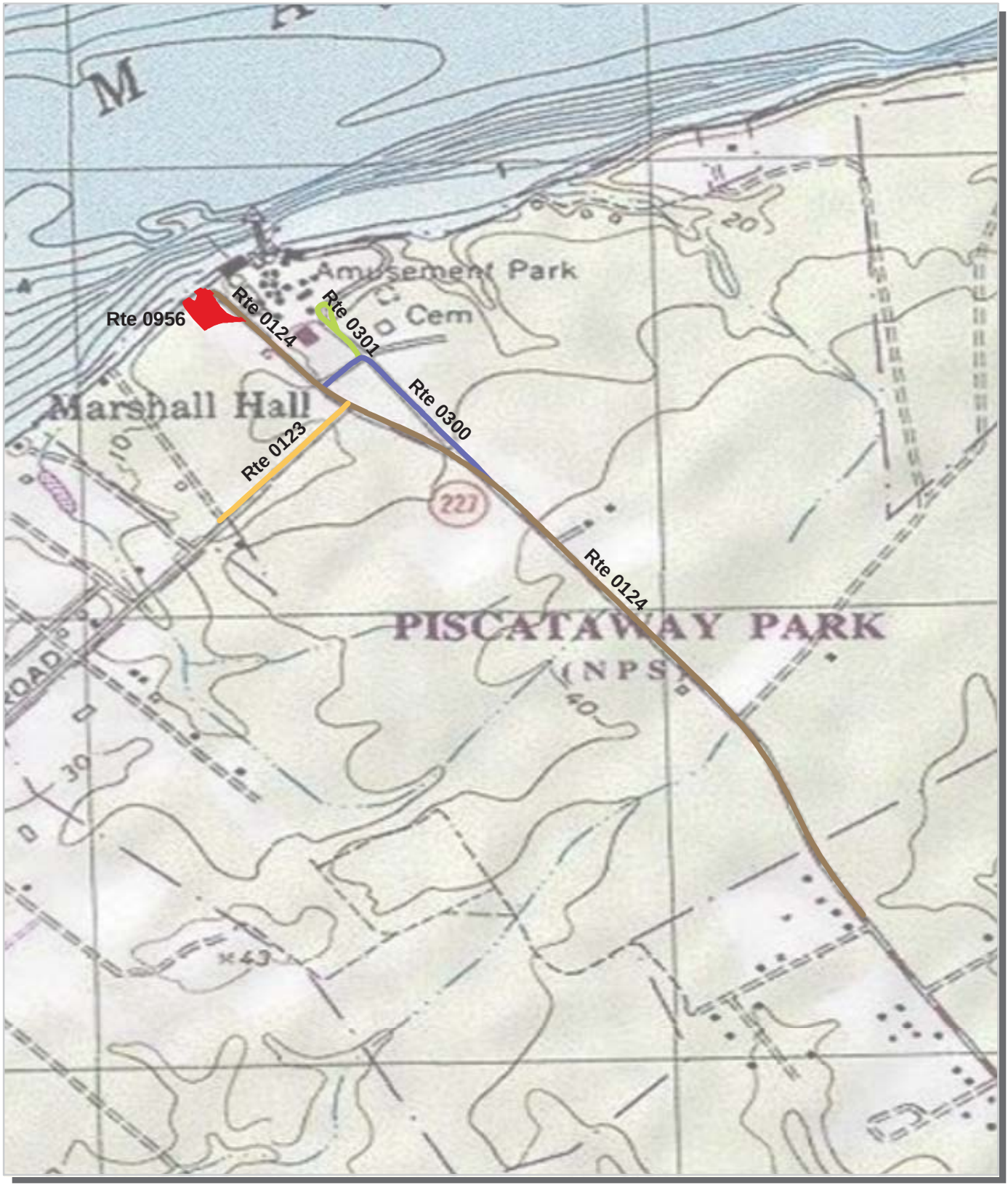
National Capital Parks - East
Route Location Map
Area 6

Unique colors used to differentiate routes

0.9 0.45 0 0.9 Miles

N

National Capital Parks - East
Route Location Map
Area 7

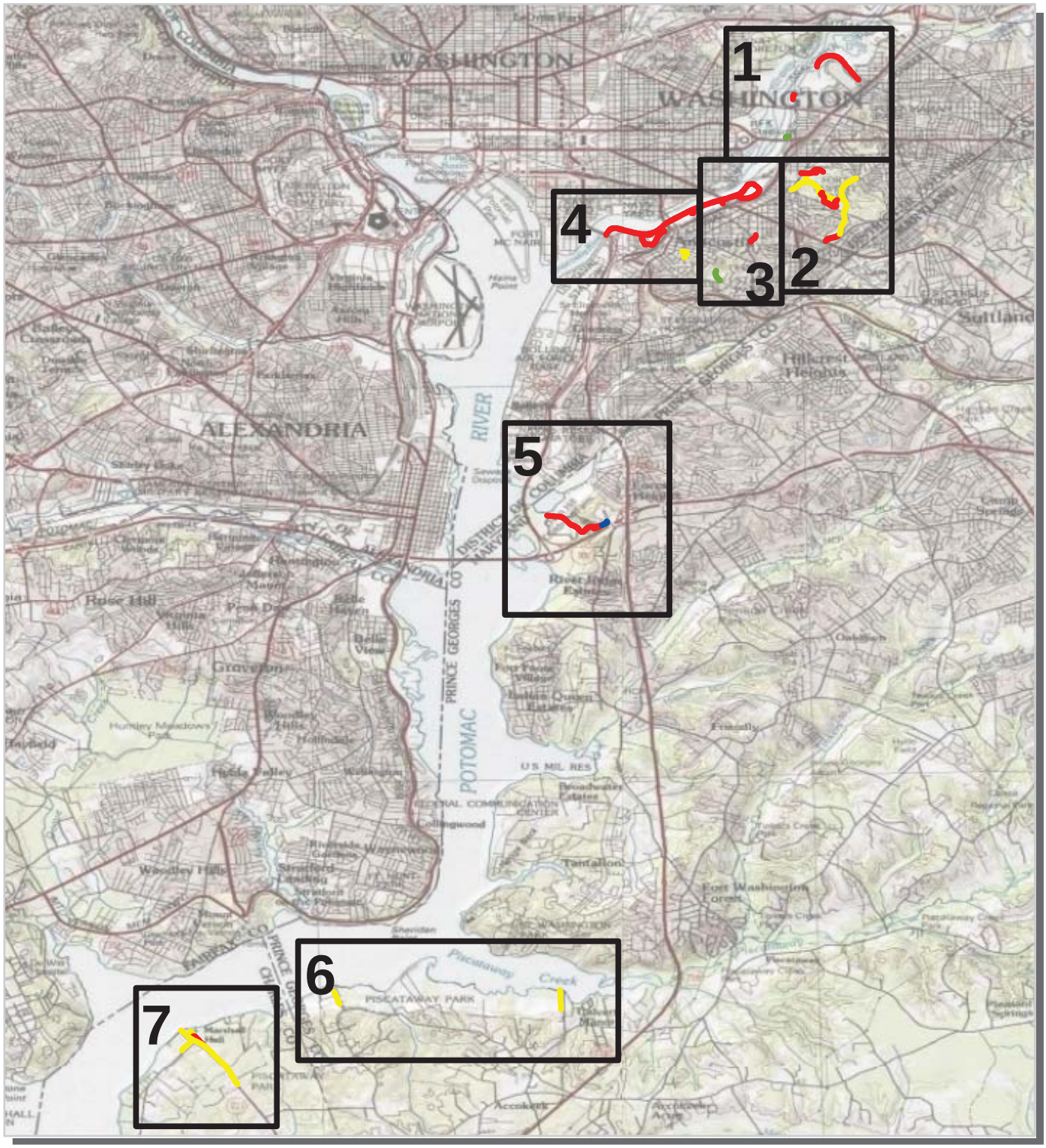


Unique colors used to differentiate routes

0.25 0.125 0 0.25 Miles

N

National Capital Parks - East
Route Condition Map
PCR - Mile by Mile
Key Map



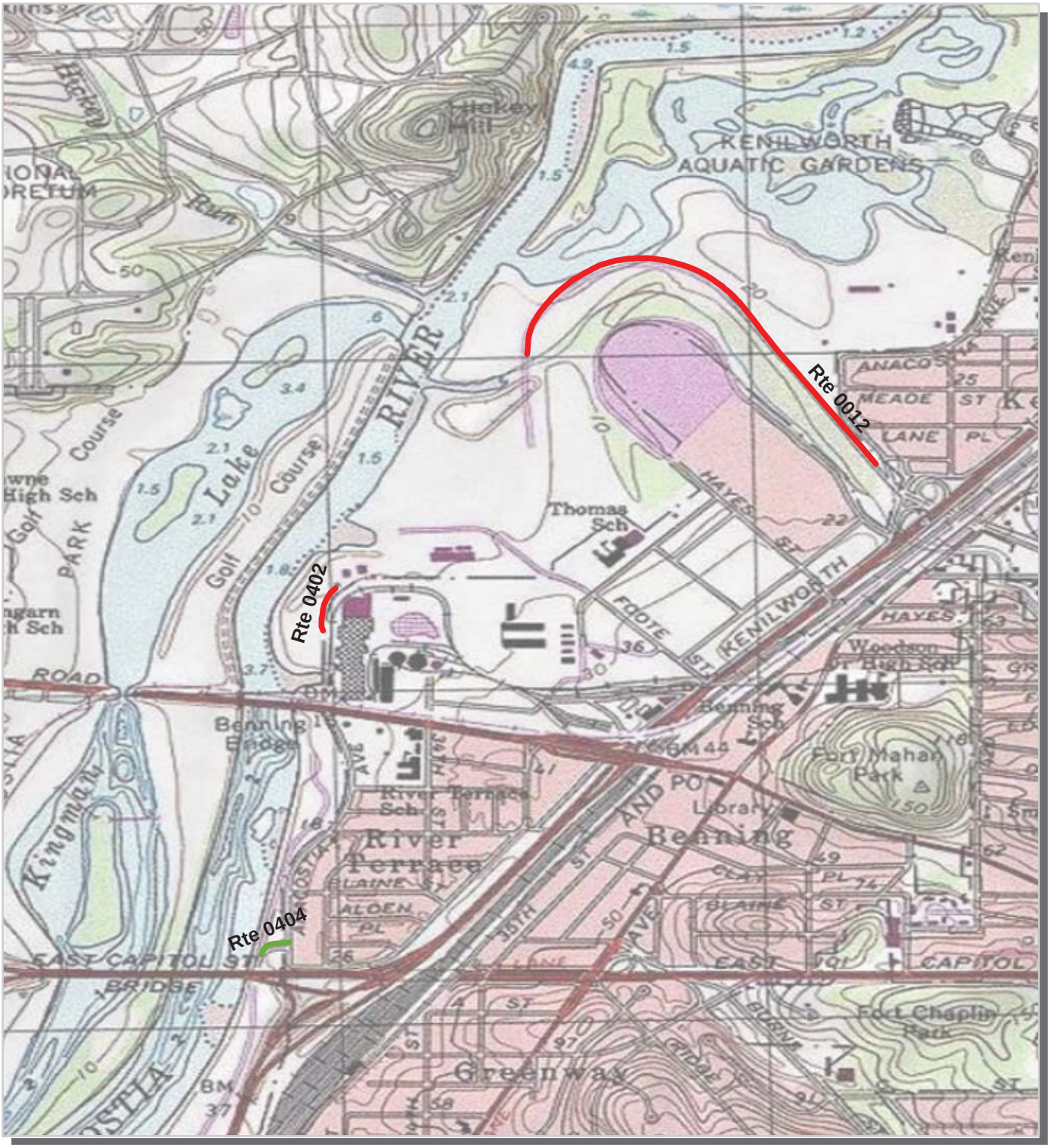
PCR	Poor	Fair	Good	Excellent	No Data
	(<=60)	(61 - 84)	(85 - 94)	(95 - 100)	

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

2.5 1.25 0 2.5 Miles

N

National Capital Parks - East
Route Condition Map
PCR - Mile by Mile
Area 1



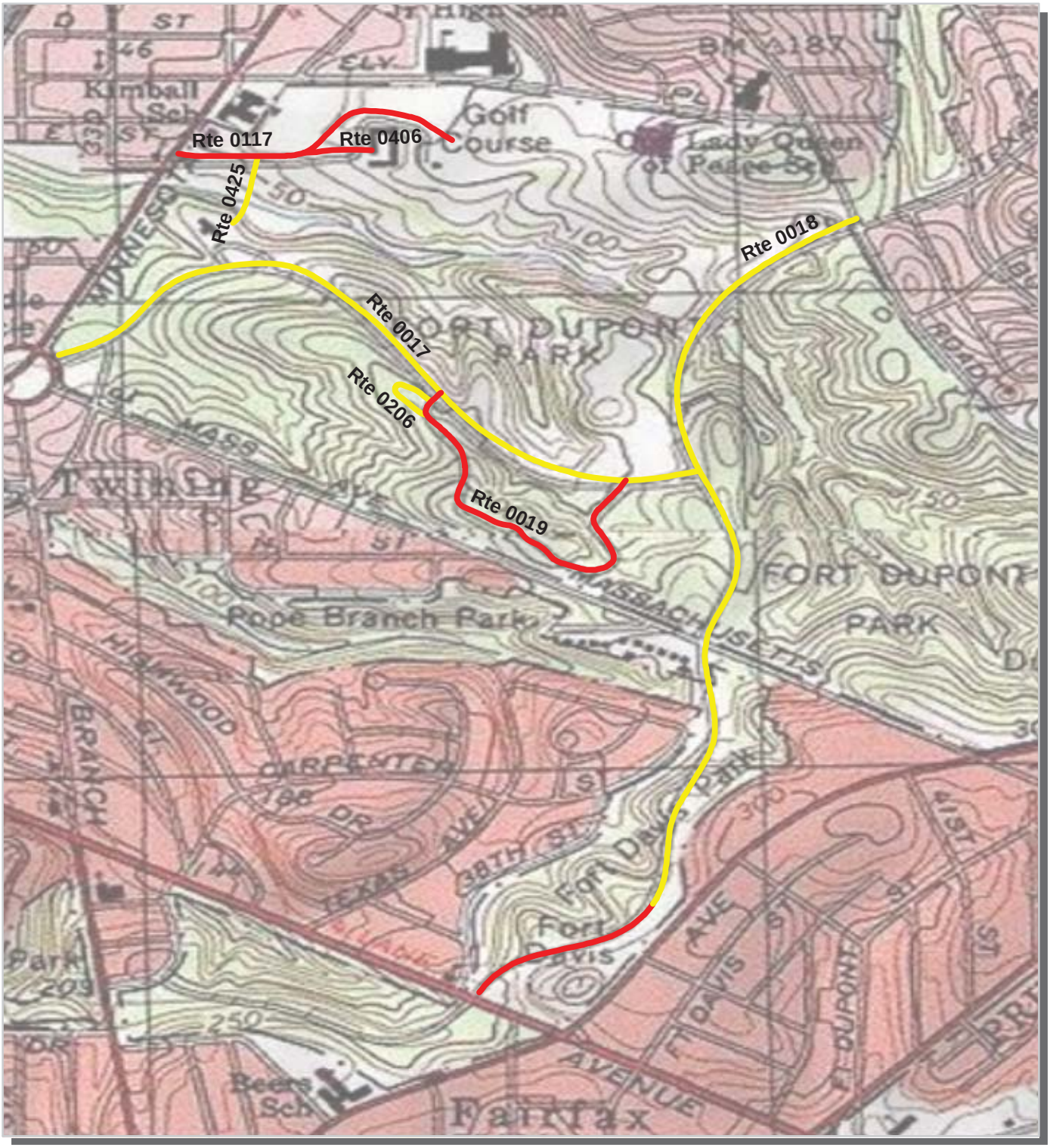
PCR	Poor	Fair	Good	Excellent	No Data
	(<=60)	(61 - 84)	(85 - 94)	(95 - 100)	

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

0.3 0.15 0 0.3 Miles

N

National Capital Parks - East
Route Condition Map
PCR - Mile by Mile
Area 2



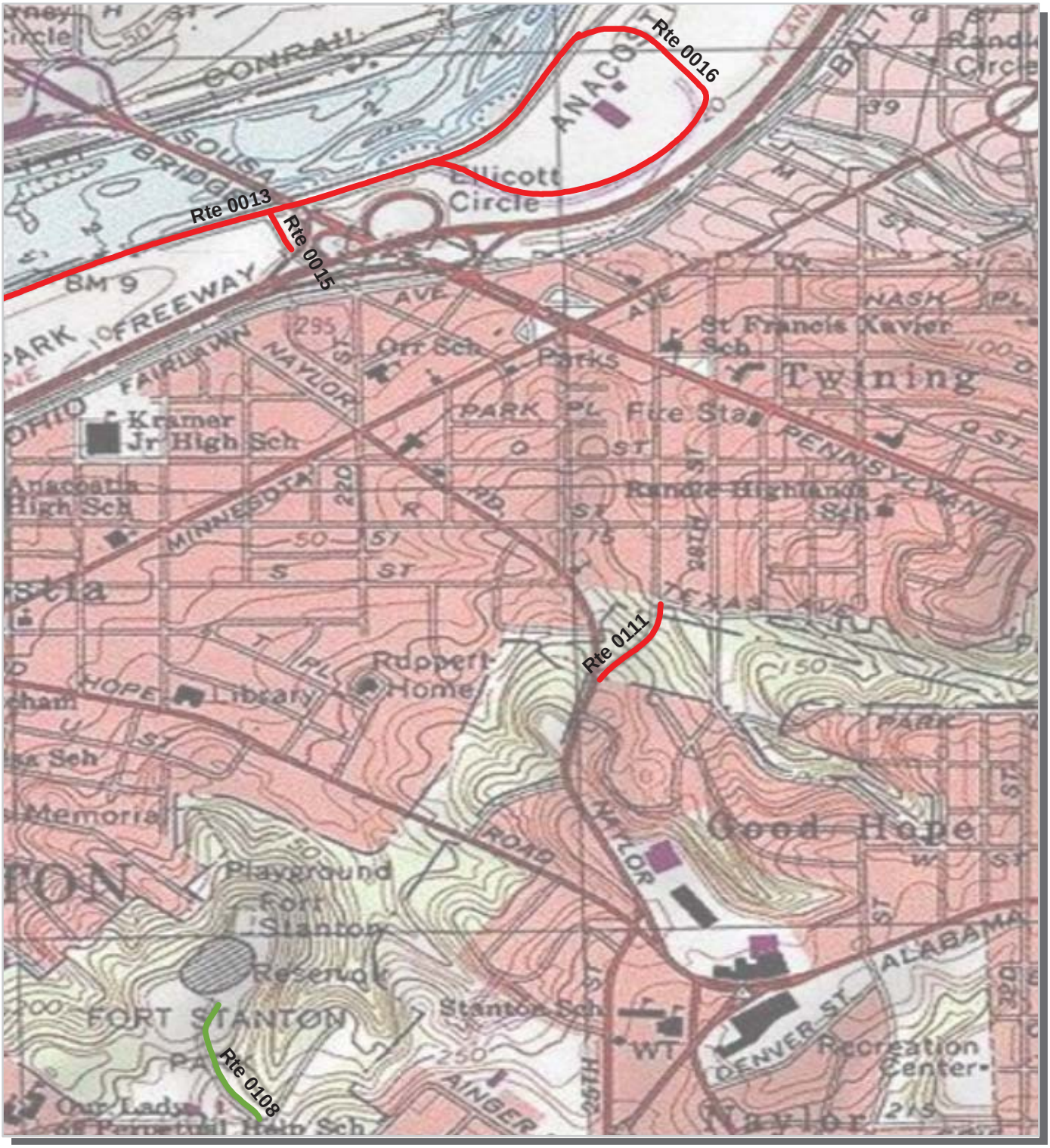
PCR	Poor	Fair	Good	Excellent	No Data
	(<=60)	(61 - 84)	(85 - 94)	(95 - 100)	

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

0.2 0.1 0 0.2 Miles

N

National Capital Parks - East
Route Condition Map
PCR - Mile by Mile
Area 3



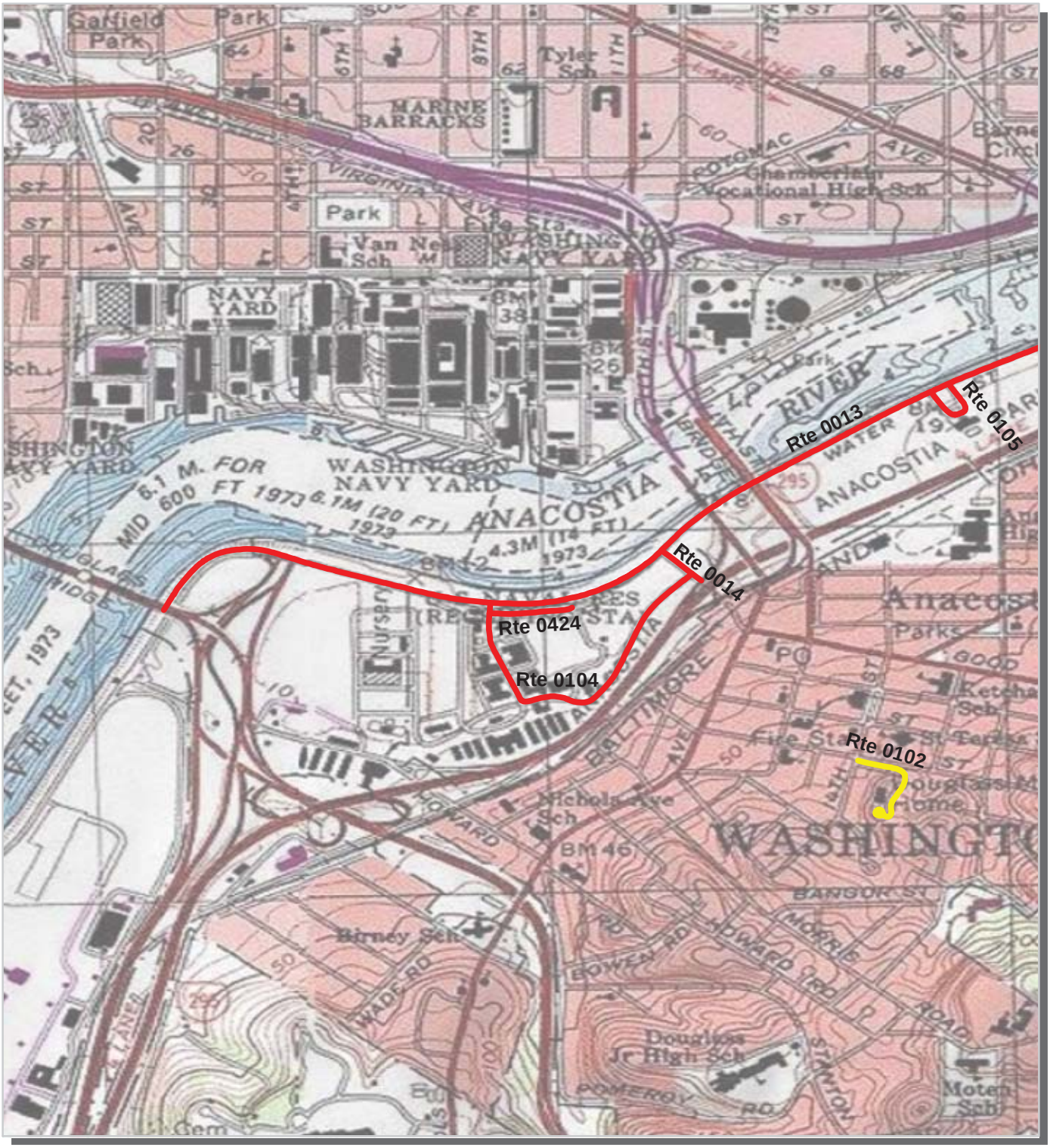
PCR	Poor	Fair	Good	Excellent	No Data
	(<=60)	(61 - 84)	(85 - 94)	(95 - 100)	

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

0.25 0.125 0 0.25 Miles

N

National Capital Parks - East
Route Condition Map
PCR - Mile by Mile
Area 4



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

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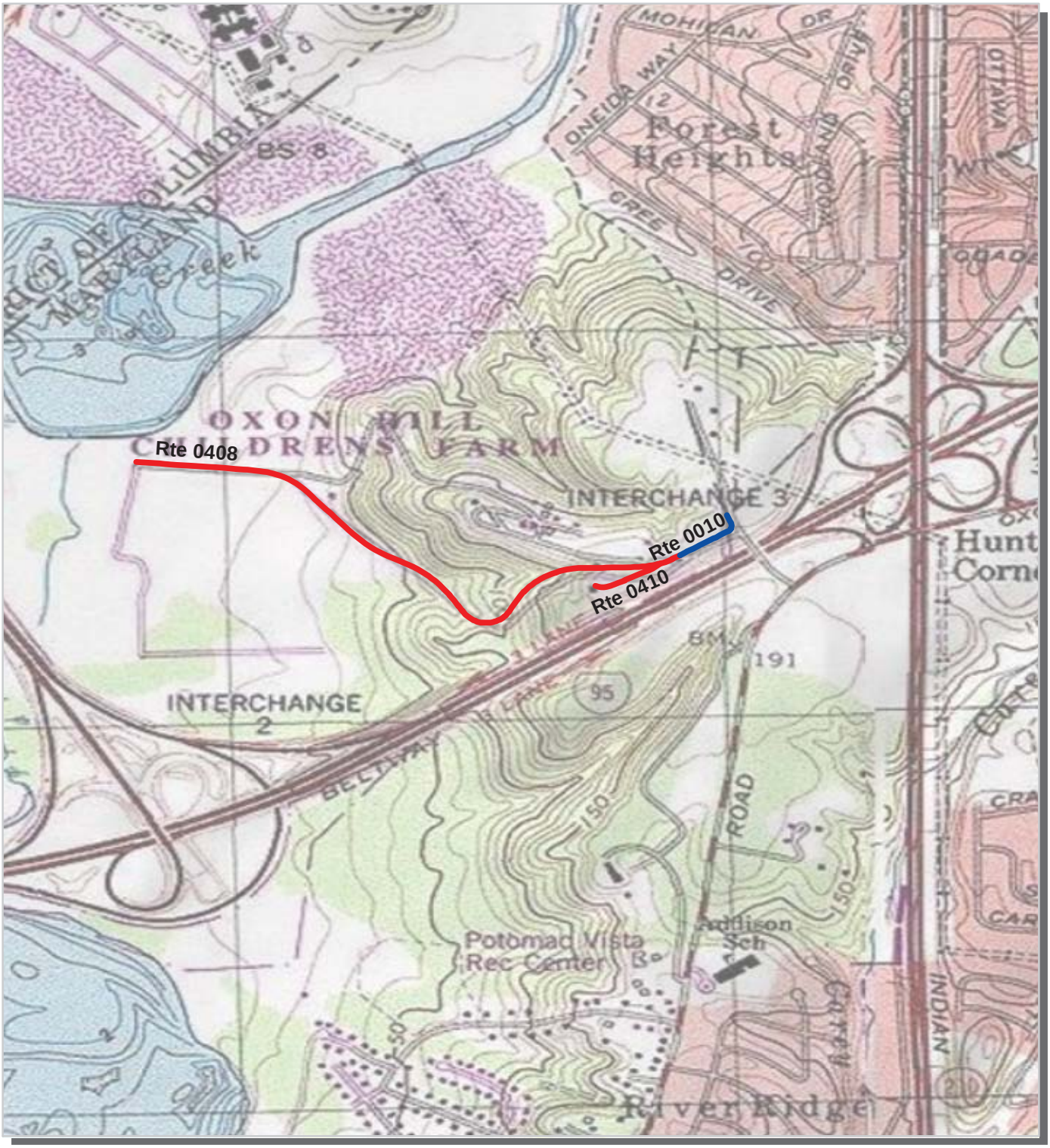
0.3 0.15 0 0.3 Miles

N

National Capital Parks - East
Route Condition Map
PCR - Mile by Mile
Area 5



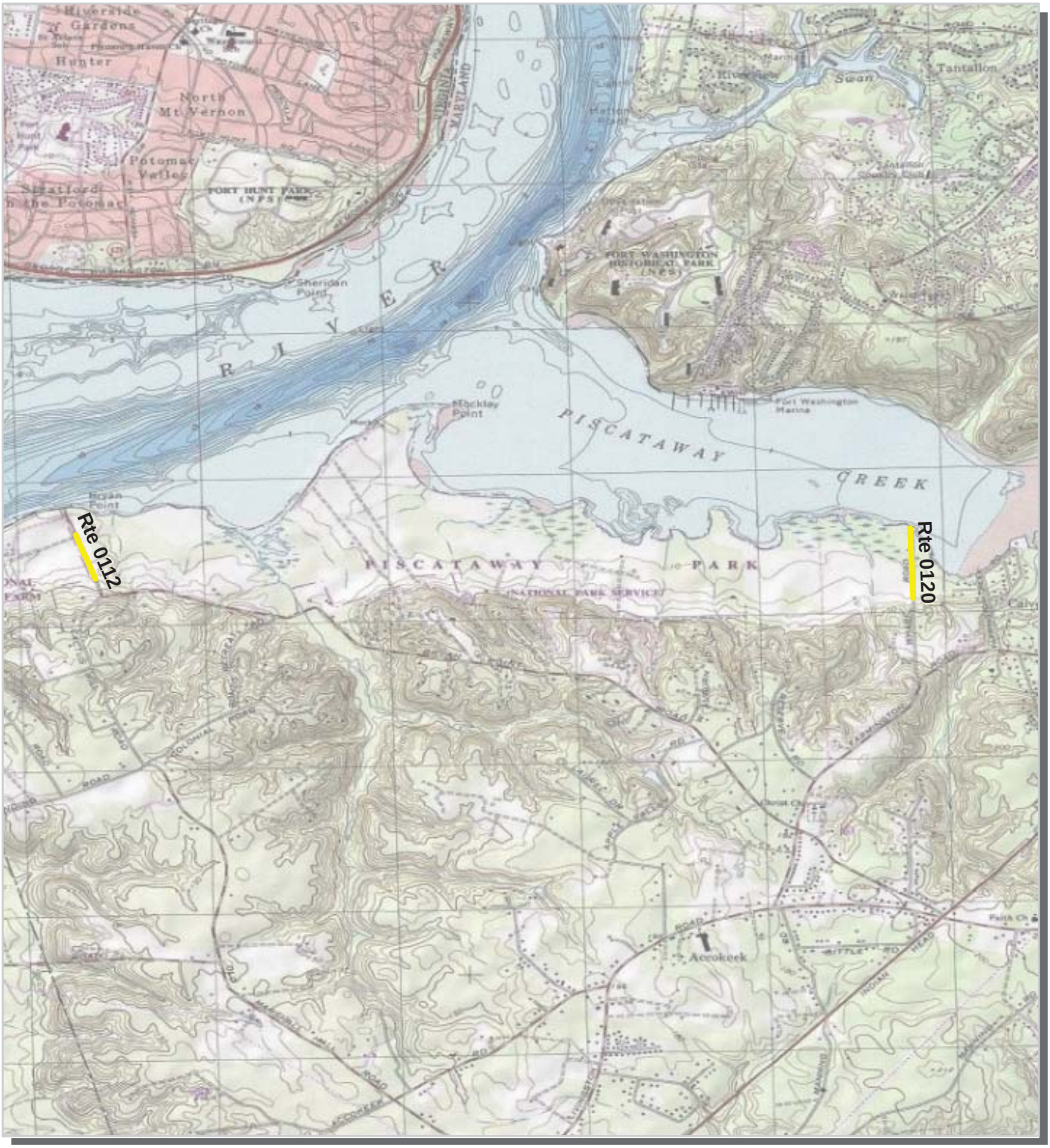
PCR	Poor	Fair	Good	Excellent	No Data
	(<=60)	(61 - 84)	(85 - 94)	(95 - 100)	

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

0.3 0.15 0 0.3 Miles

N

National Capital Parks - East
Route Condition Map
PCR - Mile by Mile
Area 6



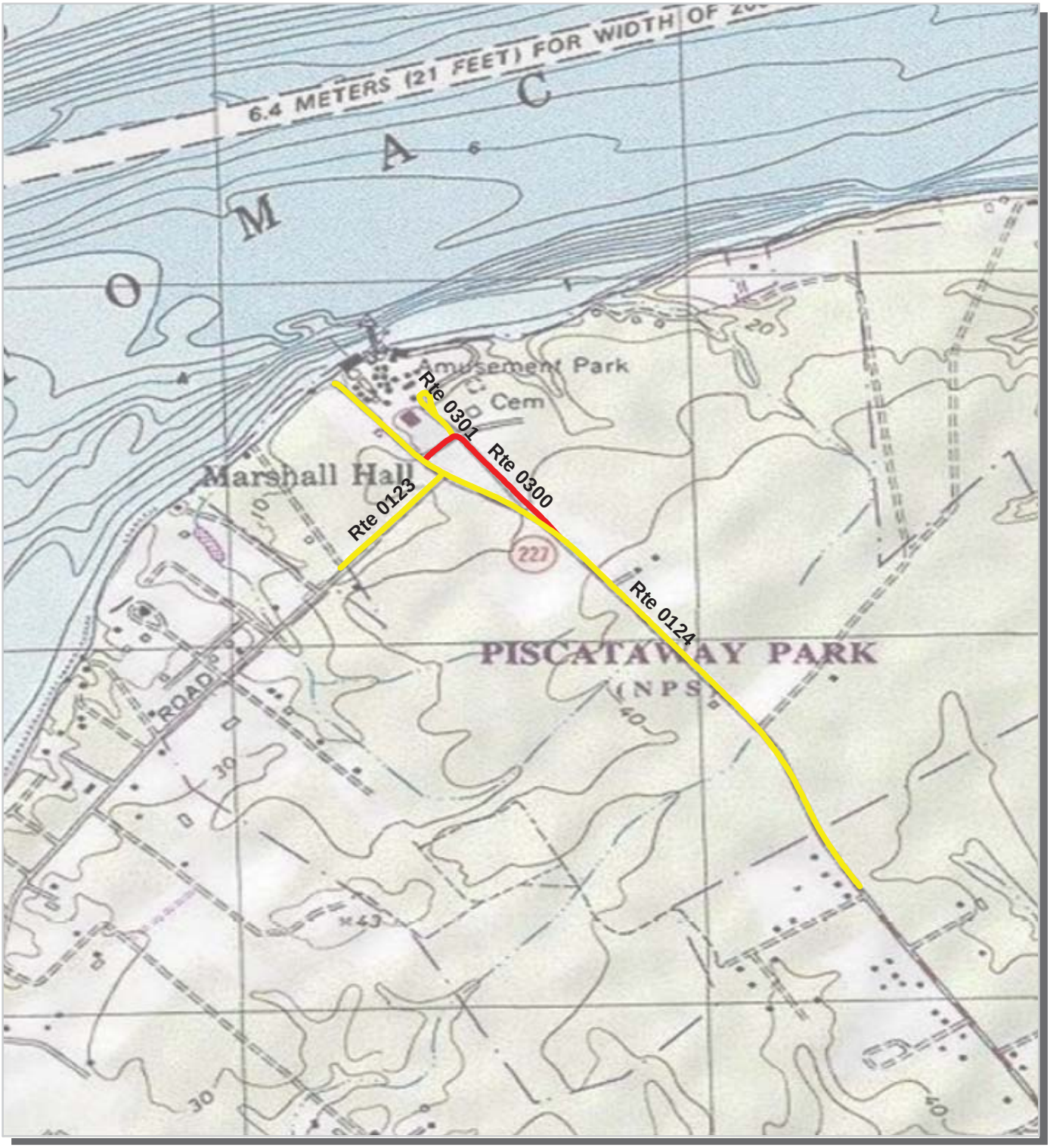
PCR	Poor	Fair	Good	Excellent	No Data
	(<=60)	(61 - 84)	(85 - 94)	(95 - 100)	

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

0.8 0.4 0 0.8 Miles

N

National Capital Parks - East
Route Condition Map
PCR - Mile by Mile
Area 7



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

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0.3 0.15 0 0.3 Miles

N

National Capital Parks - East

Section 4
Park Route Inventory

NPS/RIP Route ID Report

Shading Color Key:
Red text denotes approx. mileage

White = Paved Routes, ARAN Driven
Yellow = Unpaved Routes, ARAN not Driven
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= Concession Route Flag ON

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NACE

NATIONAL CAPITAL PARKS-EAST

Rte. No.	FMSS No.	Concess Route	Route Name	Route Description From	Route Description To	Maint. District	Paved Miles	Un-Paved Miles	Total Route Length	Func. Class	Rte. Lanes	Manual Rated SQ/FT	Surf. Type	Area Maps
0010	20707		OXON HILL VISITOR CENTER ENTRANCE ROAD	FROM BALD EAGLE ROAD (PARK BOUNDARY)	TO ROUTE 0408 (BOTTOM ROAD)	OXEN HILL	0.100	0.000	0.100	1		0	AS	5
0012	51896		KENILWORTH PARK ACCESS	FROM DEANE AVENUE NE AND LEE STREET SPUR ON RIGHT	TO END AT BARRIER	KENILWORTH PARK	0.800	0.300	1.100	1		0	AS	1
0013	52184		ANACOSTIA DRIVE	FROM MIDDLE OF FREDERICK DOUGLAS BRIDGE OVERPASS (S CAPITAL STREET)	TO ROUTE 0908	ANACOSTIA PARK	2.090	0.000	2.090	1		0	AS	3, 4
0014	52188		GOOD HOPE ROAD	FROM PARK BOUNDARY (RIVER SIDE OF / NORTHWEST SIDE OF I-295 OVERPASS)	TO ROUTE 0013	ANACOSTIA PARK	0.070	0.000	0.070	1		0	AS	4
0015	52192		22ND STREET	FROM PARK BOUNDARY (RIVER SIDE / NORTH SIDE OF I-295 ON RAMP OVERPASS)	TO ROUTE 0013	ANACOSTIA PARK	0.050	0.000	0.050	1		0	AS	3
0016	52194		LOOP ROAD	FROM ROUTE 0013 AT MP 1.84	TO ROUTE 0013 AT MP 2.08	ANACOSTIA PARK	0.560	0.000	0.560	1		0	AS	3
0017	52113		FORT DUPONT DRIVE	FROM RANDLE CIRCLE SE	TO ROUTE 0018	FORT DUPONT	0.800	0.000	0.800	1		0	AS	2
0018	52114		FORT DAVIS DRIVE	FROM RIDGE ROAD SE	TO PENNSYLVANIA AVENUE SE	FORT DUPONT	1.210	0.000	1.210	1		0	AS	2
0019	52115		RIDGE PICNIC AREA ROAD	FROM ROUTE 0017 AT MP 0.50	TO ROUTE 0017 AT MP 0.73	FORT DUPONT	0.460	0.000	0.460	3		0	AS	2
0100	52378		FT FOOTE ROAD	FROM FT FOOTE ROAD AT JESSICA DRIVE	TO END OF LOOP	FC	0.000	0.440	0.440	2		0	GR	
0101	52238		COLONIAL FARM ACCESS	FROM ROUTE 0112	TO ROUTE 0955	PISCATAWAY PARK	0.000	0.440	0.440	2		0	GR	
0102	21315		FREDERICK DOUGLAS HOME ACCESS ROAD	FROM 14TH STREET	TO END OF LOOP	FREDERICK DOUGLASS HOME	0.180	0.000	0.180	2		0	AS	4
0104	52198		HEADQUARTERS ACCESS	FROM ROUTE 0013	TO ROUTE 0014	ANACOSTIA PARK	0.530	0.000	0.530	2		0	AS	4
0105	52226		ANACOSTIA POOL AND REC FACILITY ROAD	FROM ROUTE 0013 AT MP 1.23	TO ROUTE 0013 AT MP 1.25	ANACOSTIA PARK	0.110	0.000	0.110	2		0	AS	4
0107	52366		COLONIAL FARM BUILDINGS ACCESS	FROM ROUTE 0112	TO ROUTE 0953	PISCATAWAY PARK	0.000	0.400	0.400	2		0	GR	
0108	52379		FORT STANTON RESERVOIR ACCESS ROAD	FROM ERIE STREET SE	TO GATE AT RESERVOIR	FC	0.180	0.290	0.470	2		0	AS	3

NPS/RIP Route ID Report

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NACE

NATIONAL CAPITAL PARKS-EAST

Rte. No.	FMSS No.	Concess Route	Route Name	Route Description From	Route Description To	Maint. District	Paved Miles	Un-Paved Miles	Total Route Length	Func. Class	Rte. Lanes	Manual Rated SQ/FT	Surf. Type	Area Maps
0111	52432		27TH STREET	FROM NAYLOR ROAD SE	TO PARK BOUNDARY (TEXAS AVENUE SE)	FC	0.130	0.000	0.130	2		0	AS	3
0112	52239		SAYLOR GROVE ROAD	FROM PARK BOUNDARY AT PAVEMENT CHANGE	TO ROUTE 0101	PISCATAWAY PARK	0.200	0.000	0.200	2		0	AS	6
0114	52203		RAILROAD YARD ACCESS	FROM ROUTE 0908	TO RAILROAD TRACKS	ANACOSTIA PARK	0.000	0.220	0.220	6		0	GR	
0117	52116		FT DUPONT MAINTENANCE ACCESS ROAD	FROM MINNESOTA AVENUE SE	TO ROUTE 0920	FORT DUPONT	0.310	0.000	0.310	2		0	AS	2
0118	52117		LANHAM ESTATES LOOP ROAD	FROM ALABAMA AVENUE SE	TO END OF LOOP	FORT DUPONT	0.320	0.000	0.320	2		16,896	AS	2
0120	52367		FARMINGTON LANDING ACCESS ROAD	FROM GATE ON WHARF ROAD	TO FARMINGTON LANDING BOAT LAUNCH RAMP	PISCATAWAY PARK	0.300	0.000	0.300	2		0	AS	6
0121	104575		MOCKLEY/RIVER ACCESS	FROM PARK BOUNDARY (FURGUNSON FOUNDATION)	TO ROUTE 0122	N/A	0.000	0.000	0.000	4		0	GR	
0122	104576		ACCOKEEK/MOCKLEY POINT RD.	FROM ROUTE 0121	TO MOCKLEY POINT	N/A	0.000	0.000	0.000	4		0	GR	
0123	104577		RIVER ROAD	FROM ROUTE 0124	TO PARK BOUNDARY AT SIDE GATE	PISCATAWAY PARK	0.210	0.000	0.210	2		0	AS	7
0124	104595		MARYLAND STATE HWY 227	FROM PARK BOUNDARY AT SIGN	TO ROUTE 0956	PISCATAWAY PARK	1.120	0.000	1.120	2		0	AS	7
0200	20709		ORCHARD ROAD	FROM ROUTE 0950	TO BALD EAGLE ROAD	OXEN HILL	0.000	0.250	0.250	3		0	GR	
0202	52368		ACCOKEEK CREEK ACCESS ROAD	FROM BRYAN POINT ROAD	TO ROUTE 0952	PISCATAWAY PARK	0.000	0.180	0.180	4		0	GR	
0203	51841		WAGON ROAD	FROM ROUTE 0950	TO ROUTE 0407	OXEN HILL	0.000	0.230	0.230	6		0	GR	
0206	103975		RIDGE PICNIC AREA LOOP	FROM ROUTE 0019 AT MP 0.02	TO ROUTE 0019 AT MP 0.03	FORT DUPONT	0.090	0.000	0.090	3		0	AS	2
0207	36269		WHARF ROAD FORT FOOTE FC	FROM ROUTE 0100	TO POTOMAC RIVER	N/A	0.000	0.250	0.250	4		0	GR	
0300	52369		MARSHALL HALL ACCESS ROAD	FROM ROUTE 0124 AT MP 0.72	TO ROUTE 0124 AT MP 0.94	PISCATAWAY PARK	0.280	0.000	0.280	3		0	AS	7
0301	52370		MARSHALL HALL LOOP ROAD	FROM ROUTE 0300	TO END OF LOOP	PISCATAWAY PARK	0.130	0.000	0.130	3		0	AS	7
0303	103973		BRANITAN ROAD	FROM ROUTE 0124	TO FORK IN ROAD	PISCATAWAY PARK	0.000	0.000	0.000	2		0	GR	
0400	51846		MAIN ENTRANCE LOOP	FROM ROUTE 0010	TO END OF LOOP	OXEN HILL	0.000	0.410	0.410	5		0	GR	
0401	21270		AQUATIC GARDENS ADMINISTRATIVE ACCESS ROAD	FROM ROUTE 0901	TO ROUTE 0902	KENILWORTH PARK	0.000	0.250	0.250	5		0	GR	

NPS/RIP Route ID Report

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NACE

NATIONAL CAPITAL PARKS-EAST

Rte. No.	FMSS No.	Concess Route	Route Name	Route Description From	Route Description To	Maint. District	Paved Miles	Un-Paved Miles	Total Route Length	Func. Class	Rte. Lanes	Manual Rated SQ/FT	Surf. Type	Area Maps
0402	51911		KENILWORTH MAINTENANCE ACCESS	FROM ANACOSTIA AVENUE NE	TO ROUTE 0906	KENILWORTH PARK	0.080	0.000	0.080	5		0	AS	1
0403	51923		LANGSTON SERVICE ROAD	FROM ROUTE 0905	TO YARD	KENILWORTH PARK	0.000	0.690	0.690	5		0	GR	
0404	52120		RIVER TERRACE ROAD	FROM ANACOSTIA AVENUE NE	TO END OF PAVEMENT	KENILWORTH PARK	0.050	0.590	0.640	5		0	AS	1
0406	52119		FORT DUPONT MAINTENANCE ACCESS/YARD	FROM ROUTE 0117	TO ROUTE 0919A	FORT DUPONT	0.060	0.000	0.060	5		0	AS	2
0407	51849		BACK ROAD	FROM ROUTE 0400	TO ROUTE 0408	OXEN HILL	0.000	0.470	0.470	5		0	GR	
0408	51852		BOTTOM ROAD	FROM ROUTE 0010	TO ROUTE 0409 AND 0411	OXEN HILL	0.820	0.000	0.820	5		0	AS	5
0409	51853		NURSERY ROAD	FROM ROUTE 0408	TO OXON HILL NURSERY	OXEN HILL	0.000	0.530	0.530	5		0	GR	
0410	51854		RESIDENCE ACCESS	FROM ROUTE 0408	TO OXON HILL RESIDENCE	OXEN HILL	0.090	0.000	0.090	5		0	AS	5
0411	51856		OXON HILL BIKE TRAIL AND MAINTENANCE ACCESS	FROM INTERSECTION OF ROUTE 0408 ROUTE 0409	TO DC DISTRICT LINE (FENCE WITH GATE, AT DC VILLAGE)	OXEN HILL	0.980	0.000	0.980	6		46,570	AS	5
0420	52371		ECOSYSTEM FARM ACCESS ROAD	FROM BRYAN POINT ROAD	TO FARM	PISCATAWAY PARK	0.000	0.320	0.320	5		0	GR	
0421	104579		ADMINISTRATIVE LOOP ROAD	FROM ROUTE 0107	TO ROUTE 0107	PISCATAWAY PARK	0.000	0.320	0.320	5		0	GR	
0423	104057		KENILWORTH AQUATIC GARDENS SERVICE ROAD	FROM ANACOSTIA AVENUE	TO ROUTE 0902	KENILWORTH PARK	0.000	0.320	0.320	5		0	GR	
0424	103972		USPP TRAINING FACILITIES ROAD	FROM ROUTE 0104	TO END OF PAVEMENT	ANACOSTIA PARK	0.110	0.000	0.110	5		0	AS	4
0425	103967		FT DUPONT SUMMER THEATRE SERVICE ROAD	FROM ROUTE 0117	TO ROUTE 0922	FORT DUPONT	0.090	0.000	0.090	5		0	AS	2
0426	103966		PARK HEADQUARTERS OVERFLOW PARKING ACCESS ROAD	FROM ROUTE 0104	TO ROUTE 0964A	ANACOSTIA PARK	0.000	0.320	0.320	5		0	GR	
0901	21271		KENILWORTH AQUATIC GARDENS PARKING	FROM ANACOSTIA AVENUE NE	TO ROUTE 0401	KENILWORTH PARK	0.000	0.000	0.000			38,114	AS	1
0902	52121		KENILWORTH AQUATIC GARDENS MAINTENANCE AREA	FROM ROUTE 0401	TO PARKING	KENILWORTH PARK	0.000	0.000	0.000			634	AS	1
0903	52122		KENILWORTH PARKING 1	FROM ROUTE 0012	TO PARKING	KENILWORTH PARK	0.000	0.000	0.000			0	GR	

NPS/RIP Route ID Report

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NACE

NATIONAL CAPITAL PARKS-EAST

Rte. No.	FMSS No.	Concess Route	Route Name	Route Description From	Route Description To	Maint. District	Paved Miles	Un-Paved Miles	Total Route Length	Func. Class	Rte. Lanes	Manual Rated SQ/FT	Surf. Type	Area Maps
0904	52123		KENILWORTH PARKING 2	FROM ROUTE 0012	TO PARKING	KENILWORTH PARK	0.000	0.000	0.000			0	GR	
0905	52129		LANGSTON GOLF COURSE PARKING	FROM 26TH STREET NE	TO PARKING	KENILWORTH PARK	0.000	0.000	0.000			51,390	AS	1
0906	21434		KENILWORTH MAINTENANCE YARD	FROM ROUTE 0402 (KENILWORTH MAINTENANCE ACCESS) AT END	TO PARKING	KENILWORTH PARK	0.000	0.000	0.000			47,041	AS	1
0907	52217		AQUATIC RESOURCES EDUCATION CENTER PARKING	FROM ROUTE 0016	TO ROUTE 0013	ANACOSTIA PARK	0.000	0.000	0.000			63,169	AS	3
0908	21471		ANACOSTIA BOAT RAMP PARKING	FROM ROUTES 0013 AND 0016	TO ROUTE 0114	ANACOSTIA PARK	0.000	0.000	0.000			54,059	AS	3
0909	21429		ANACOSTIA SKATE PARK PARKING	FROM ROUTE 0016	TO ROUTE 0013	ANACOSTIA PARK	0.000	0.000	0.000			115,510	AS	3
0910	52219		ANACOSTIA RIVER PARKING	FROM ROUTE 0013	TO ROUTE 0013	ANACOSTIA PARK	0.000	0.000	0.000			8,021	AS	3
0911	52222		PARK NODE PARKING	FROM ROUTE 0015	TO PARKING	ANACOSTIA PARK	0.000	0.000	0.000			12,249	AS	3
0912	52223		ANACOSTIA POOL & REC FACILITY PARKING	FROM ROUTE 0105 ON RIGHT	TO PARKING	ANACOSTIA PARK	0.000	0.000	0.000			0	GR	
0913ZZ	21430		NACE PARK HEADQUARTERS PARKING AREAS	FROM ROUTE 0104	TO PARKING	ANACOSTIA PARK	0.000	0.000	0.000			32,294	AS	4
0915ZZ	52225		U.S. PARK POLICE HELIPAD PARKING AREAS	FROM ROUTE 0104	TO ROUTE 0104	ANACOSTIA PARK	0.000	0.000	0.000			14,251	AS	4
0916	21432		U.S. PARK POLICE OFFICE PARKING	FROM ROUTE 0104	TO PARKING	ANACOSTIA PARK	0.000	0.000	0.000			53,911	AS	4
0917	21316		FREDERICK DOUGLAS S HOME PARKING	FROM W STREET SE	TO PARKING	FREDERICK DOUGLASS HOME	0.000	0.000	0.000			10,077	AS	4
0918	21427		FT. DUPONT MAINTENANCE YARD PARKING	FROM ROUTE 0117	TO PARKING	FORT DUPONT	0.000	0.000	0.000			8,849	AS	2
0919A	52111		FT. DUPONT MAINTENANCE AREA A	FROM END OF ROUTE 0406	TO PARKING	FORT DUPONT	0.000	0.000	0.000			17,845	AS	2
0919B	104060		FT. DUPONT MAINTENANCE AREA B	FROM ROUTE 0117	TO PARKING	FORT DUPONT	0.000	0.000	0.000			4,733	AS	2

NPS/RIP Route ID Report

Shading Color Key:
Red text denotes approx. mileage

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

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

NACE

NATIONAL CAPITAL PARKS-EAST

Rte. No.	FMSS No.	Concess Route	Route Name	Route Description From	Route Description To	Maint. District	Paved Miles	Un-Paved Miles	Total Route Length	Func. Class	Rte. Lanes	Manual Rated SQ/FT	Surf. Type	Area Maps
0920	52112		FT. DUPONT U.S. PARK POLICE HORSE MOUNTED UNIT PARKING AREA	FROM ROUTE 0117	TO END ROUTE 0117	FORT DUPONT	0.000	0.000	0.000			10,907	AS	2
0921	21425		FT. DUPONT ICE SKATING RINK PARKING	FROM ELY PLACE SE	TO PARKING	FORT DUPONT	0.000	0.000	0.000			76,687	AS	2
0922	21428		FT. DUPONT ACTIVITY CENTER PARKING	FROM ROUTE 0017 (FORT DUPONT DRIVE) AT MP 0.21 (ON LEFT)	TO ROUTE 0425 (FT DUPONT SUMMER THEATRE SERVICE ROAD) AT END	FORT DUPONT	0.000	0.000	0.000			42,964	AS	2
0923	52229		BUZZARD POINT MARINA (U/P)	FROM WATER STREET SW AT END	TO PARKING	ANACOSTIA PARK	0.000	0.000	0.000			10,489	CO	4
0924	52231		JAMES CREEK MARINA PARKING	FROM V STREET	TO PARKING	ANACOSTIA PARK	0.000	0.000	0.000			0	GR	
0950	20708		OXEN HILL VISITORS CENTER PARKING	FROM ROUTE 0010	TO ROUTE 0010	OXEN HILL	0.000	0.000	0.000			40,185	AS	5
0951	52372		FARMINGTON LANDING PARKING	FROM ROUTE 0120	TO PARKING	PISCATAWAY PARK	0.000	0.000	0.000			0	GR	
0952	52373		ACCOKEEK CREEK PARKING (TAYAC)	FROM ROUTE 0202	TO PARKING	PISCATAWAY PARK	0.000	0.000	0.000			0	GR	
0953	52374		PISCATAWAY PARK VISITORS CENTER PARKING	FROM ROUTE 0112	TO PARKING	PISCATAWAY PARK	0.000	0.000	0.000			0	GR	
0954	52375		COLONIAL FARM BUILDINGS PARKING	FROM ROUTE 0112	TO PARKING	PISCATAWAY PARK	0.000	0.000	0.000			0	GR	
0955	52376		MAINTENANCE AREA/FUEL STATION	FROM ROUTE 0101	TO PARKING	PISCATAWAY PARK	0.000	0.000	0.000			0	GR	
0956	52377		MARSHALL HALL BOAT RAMP PARKING	FROM END OF ROUTE 0124	TO ROUTE 0124	PISCATAWAY PARK	0.000	0.000	0.000			47,568	AS	7
0957	104279		OXON HILL EMPLOYEE PARKING	FROM ROUTE 0407	TO PARKING	OXEN HILL	0.000	0.000	0.000			0	GR	
0959	104278		COLONIAL FARM ADMINISTRATIVE BUILDING PARKING	FROM ROUTE 0421	TO PARKING	PISCATAWAY PARK	0.000	0.000	0.000			0	GR	
0961	104280		ACCOKEEK CREEK OUTER VISITOR PARKING	FROM ROUTE 0202	TO PARKING	PISCATAWAY PARK	0.000	0.000	0.000			0	GR	
0964A	104281		HEADQUARTER OVERFLOW PARKING A	FROM ROUTE 0104	TO PARKING	ANACOSTIA PARK	0.000	0.000	0.000			0	GR	
0964B	104282		HEADQUARTER OVERFLOW PARKING B	FROM ROUTE 0426	TO PARKING	ANACOSTIA PARK	0.000	0.000	0.000			0	GR	

NPS/RIP Route ID Report

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

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

NACE

NATIONAL CAPITAL PARKS-EAST

Rte. No.	FMSS No.	Concess Route	Route Name	Route Description From	Route Description To	Maint. District	Paved Miles	Un-Paved Miles	Total Route Length	Func. Class	Rte. Lanes	Manual Rated SQ/FT	Surf. Type	Area Maps
0964C	104283		HEADQUARTER OVERFLOW PARKING C	FROM ROUTE 0426	TO PARKING	ANACOSTIA PARK	0.000	0.000	0.000			0	GR	
0965A	104284		AVIATION ROAD BALLFIELD PARKING A	FROM ROUTE 0104	TO PARKING	ANACOSTIA PARK	0.000	0.000	0.000			0	GR	
0965B	104285		AVIATION ROAD BALLFIELD PARKING B	FROM ROUTE 0104	TO PARKING	ANACOSTIA PARK	0.000	0.000	0.000			0	GR	
0966ZZ	N/A		LANHAM ESTATES PARK PICINIC PARKING AREAS	FROM ROUTE 0118 ON LEFT AND RIGHT SIDES	TO PARKING	FORT DUPONT	0.000	0.000	0.000			0	GR	
0967	52118		FORT DUPONT ICE SKATING RINK SERVICE PARKING	FROM ELY PLACE SE	TO PARKING	FORT DUPONT	0.000	0.000	0.000			3,985	AS	2
0968	104111		FORT FOOTE PARKING	FROM ROUTE 0100	TO PARKING	N/A	0.000	0.000	0.000			0	GR	
0969	104110		ACCOKEEK CREEK ACCESS PARKING	FROM ROUTE 0112	TO PARKING	PISCATAWAY PARK	0.000	0.000	0.000			0	GR	
0970	104109		KENILWORTH AQUATIC GARDENS EMPLOYEE PARKING 1	FROM ROUTE 0401	TO PARKING	KENILWORTH PARK	0.000	0.000	0.000			0	GR	
0971	104071		KENILWORTH AQUATIC GARDENS EMPLOYEE PARKING 2	FROM ROUTE 0423	TO PARKING	KENILWORTH PARK	0.000	0.000	0.000			0	GR	
0972	51904		LANGSTON DRIVING RANGE PARKING	FROM BENNING ROAD	TO PARKING	KENILWORTH PARK	0.000	0.000	0.000			0	GR	
0980	N/A		RIDGE PICNIC AREA PARKING	ADJACENT TO ROUTE 0206 (RIDGE PICNIC AREA LOOP) AT MP 0.04 (ON RIGHT)		FORT DUPONT	0.000	0.000	0.000			1,297	AS	2
0981	N/A		U.S. PARK POLICE IMPOUND PARKING	FROM ROUTE 0104 (HEADQUARTERS ACCESS) AT MP 0.08 (ON RIGHT)	TO ROUTE 0104 (HEADQUARTERS ACCESS) AT MP 0.18 (ON RIGHT)	ANACOSTIA PARK	0.000	0.000	0.000			22,511	AS	4

NPS/RIP Route ID Report

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

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SUMMARY TOTALS FOR NATIONAL CAPITAL PARKS-EAST

ROUTE TOTALS

ARAN Driven Route Miles	11.210
All Paved Route Miles	12.510
All Unpaved Route Miles	7.220
TOTAL PARK ROUTE MILES	19.730
All Manually Rated Roads (SQFT)	63,466

PARKING AREA TOTALS

All Paved Parking (SQFT)	788,742
All Unpaved Parking (SQFT)	0
TOTAL ALL PARKING (SQFT)	788,742

LANE MILE TOTALS

ARAN Driven Lane Miles	21.520
Paved Parking Lane Miles	13.580
Paved MRR Lane Miles	1.093
TOTAL PAVED LANE MILES	36.193

CONCESSION TOTALS

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

WEIGHTED AVERAGE PARK VALUES

PCR (Rating)	SCR (Rating)	RCI (Rating)	RUT (Index)	AC (Index)	LC (Index)	TC (Index)	PATCH (Index)	PCR (Concession)
59.30	49.59	71.03	88.28	81.58	89.76	89.17	99.57	N/A

NPS/RIP Route ID Report

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= 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.

****

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

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

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

Surface Type Abbreviations:

AS - Asphaltic Concrete Pavement

CO - Portland Cement Concrete Pavement

BR - Brick or Pavers Road Bed

CB - Cobble Stone Road Bed

GR - Gravel Road Bed

SA - Sand Road Bed

NV - Native or Dirt Material Road Bed

OT - Other Materials Road Bed

NPS/RIP Subcomponent Details for NACE

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

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

NACE

NATIONAL CAPITAL PARKS-EAST

Asset Entered in FMSS System

Rte. No.	FMSS No.	Sub Comp	Route Name	Route Description From	Route Description To	Concess Route	Func. Class	Paved Miles	Un-Paved Miles	Total Route Length	Manual Rated SQ/FT
0913ZZ	21430		NACE PARK HEADQUARTERS PARKING AREAS	FROM ROUTE 0104	TO PARKING			0.00	0.00	0.00	32,294
0915ZZ	52225		U.S. PARK POLICE HELIPAD PARKING AREAS	FROM ROUTE 0104	TO ROUTE 0104			0.00	0.00	0.00	14,251
0966ZZ	N/A		LANHAM ESTATES PARK PICNIC PARKING AREAS	FROM ROUTE 0118 ON LEFT AND RIGHT SIDES	TO PARKING			0.00	0.00	0.00	0

Asset NACE-0913ZZ Subcomponent Breakdown

Rte. No.	FMSS No.	Sub Comp	Route Name	Route Description From	Route Description To	Concess Route	Func. Class	Paved Miles	Un-Paved Miles	Total Route Length	Manual Rated SQ/FT
0913AZ	21430		NACE PARK HEADQUARTERS PARKING A	FROM ROUTE 0104 ON LEFT	TO PARKING			0.00	0.00	0.00	17,652
0913BZ	21430		NACE PARK HEADQUARTERS PARKING B	FROM ROUTE 0104	TO PARKING			0.00	0.00	0.00	14,642

Asset NACE-0915ZZ Subcomponent Breakdown

Rte. No.	FMSS No.	Sub Comp	Route Name	Route Description From	Route Description To	Concess Route	Func. Class	Paved Miles	Un-Paved Miles	Total Route Length	Manual Rated SQ/FT
0915AZ	52225		U.S. PARK POLICE HELIPAD PARKING	FROM ROUTE 0104	TO ROUTE 0104			0.00	0.00	0.00	8,954
0915BZ	52225		U.S. PARK POLICE MOTORSHED PARKING	FROM ROUTE 0104	TO ROUTE 0104			0.00	0.00	0.00	5,297

Asset NACE-0966ZZ Subcomponent Breakdown

Rte. No.	FMSS No.	Sub Comp	Route Name	Route Description From	Route Description To	Concess Route	Func. Class	Paved Miles	Un-Paved Miles	Total Route Length	Manual Rated SQ/FT
0966AZ	N/A		LANHAM ESTATES PARK PICNIC AREA PARKING A	FROM ROUTE 0118	TO PARKING			0.00	0.00	0.00	0
0966BZ	N/A		LANHAM ESTATES PARK PICNIC AREA PARKING B	FROM ROUTE 0118	TO PARKING			0.00	0.00	0.00	0

National Capital Parks - East

Section 5
Paved Route Condition Rating Sheets (CRS)

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

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

ROUTE: 0010 OXON HILL VISITOR CENTER ENTRANCE ROAD
NACE : NATIONAL CAPITAL PARKS-EAST

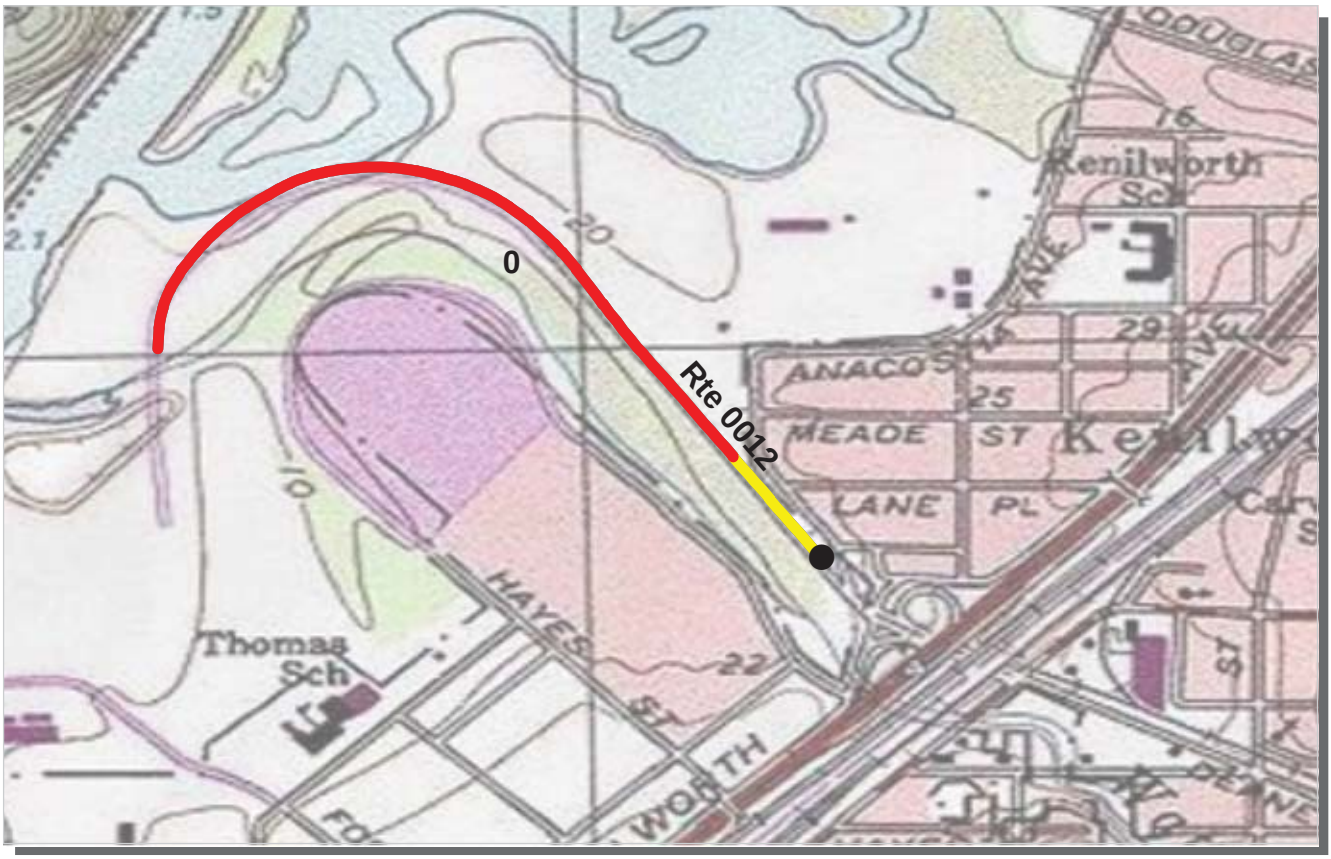
COLLECTED: 3/23/2009

NATIONAL CAPITAL REGION **TOTAL LENGTH: 0.10 Miles**

Section Number	0				
Section Length (mi)	0.10				
Traffic					
AADT	Traffic data may be found at www.efl.fhwa.dot.gov Click on PROGRAMS / NPS Traffic Data (Note: Not all parks have traffic data)				
SADT					
ADT Date					
Cross Section Information					
Number of Lanes	1				
Paved Width (ft)	19				
Lane Width (ft)	13				
Shoulder Width Right (ft)	NC				
Shoulder Width Left (ft)	NC				
Roadway Condition Information					
SCR (Surface Condition Rating)	98				
PCR (Pavement Condition Rating)	98				
Distress Index Values					
Alligator Cracking Index	100				
Longitudinal Cracking Index	100				
Tranverse Cracking Index	100				
Patching Index	100				
Rutting Index	98				
Roughness Condition Index (RCI)	NC				

NC - Not Collected

ROUTE: 0010 OXON HILL VISITOR CENTER ENTRANCE ROAD



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

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

ROUTE: 0012 KENILWORTH PARK ACCESS
NACE : NATIONAL CAPITAL PARKS-EAST

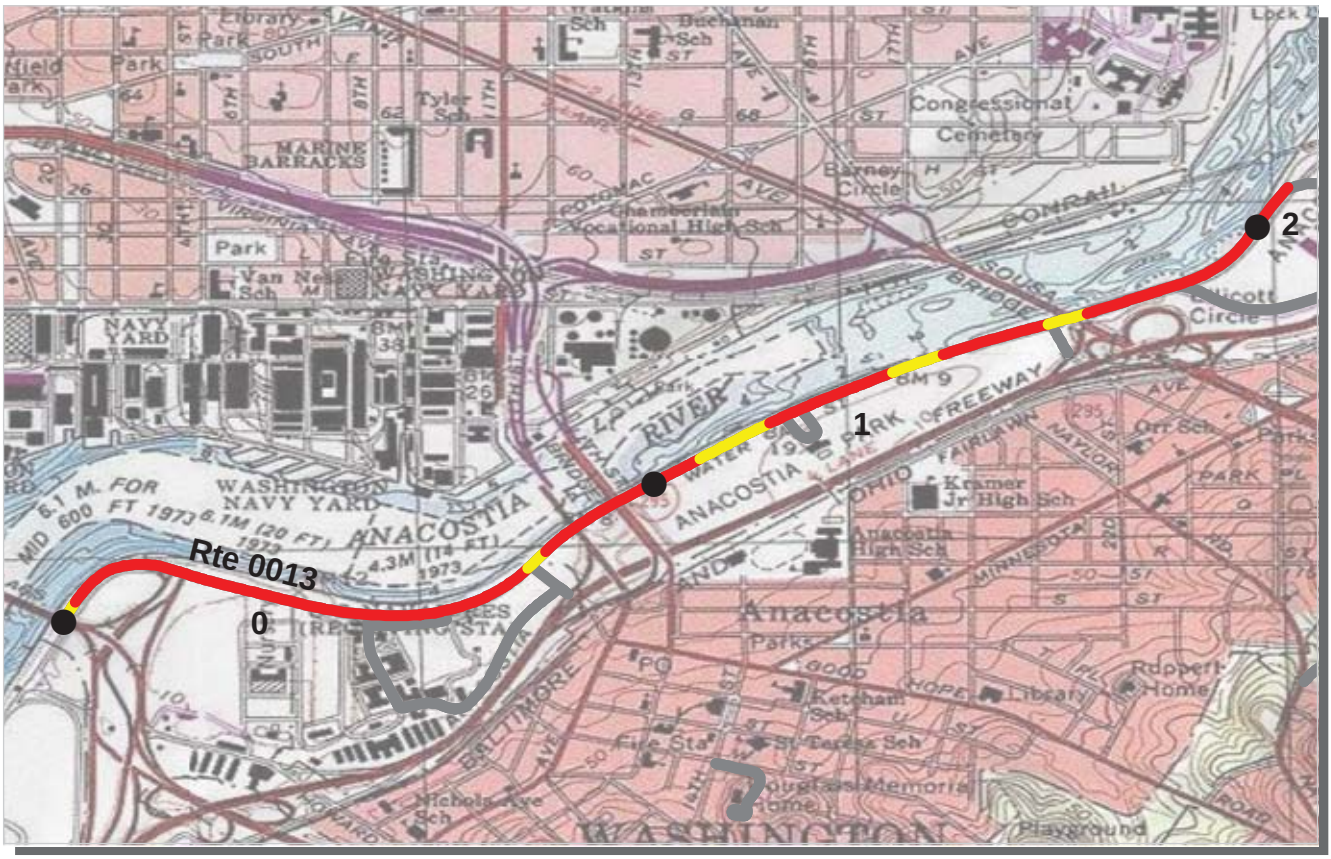
COLLECTED: 3/7/2009

NATIONAL CAPITAL REGION **TOTAL LENGTH: 0.80 Miles**

Section Number	0				
Section Length (mi)	0.80				
Traffic					
AADT	Traffic data may be found at www.efl.fhwa.dot.gov Click on PROGRAMS / NPS Traffic Data (Note: Not all parks have traffic data)				
SADT					
ADT Date					
Cross Section Information					
Number of Lanes	2				
Paved Width (ft)	21				
Lane Width (ft)	10				
Shoulder Width Right (ft)	NC				
Shoulder Width Left (ft)	NC				
Roadway Condition Information					
SCR (Surface Condition Rating)	36				
PCR (Pavement Condition Rating)	36				
Distress Index Values					
Alligator Cracking Index	94				
Longitudinal Cracking Index	92				
Tranverse Cracking Index	83				
Patching Index	99				
Rutting Index	63				
Roughness Condition Index (RCI)	38				

NC - Not Collected

ROUTE: 0012 KENILWORTH PARK ACCESS



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

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

ROUTE: 0013 ANACOSTIA DRIVE
NACE : NATIONAL CAPITAL PARKS-EAST

COLLECTED: 3/7/2009

NATIONAL CAPITAL REGION **TOTAL LENGTH: 2.09 Miles**

Section Number	0	1	2		
Section Length (mi)	1.00	1.00	0.09		
Traffic					
AADT	Traffic data may be found at www.efl.fhwa.dot.gov				
SADT	Click on PROGRAMS / NPS Traffic Data				
ADT Date	(Note: Not all parks have traffic data)				
Cross Section Information					
Number of Lanes	2	2	2		
Paved Width (ft)	20	18	19		
Lane Width (ft)	10	9	9		
Shoulder Width Right (ft)	NC	NC	NC		
Shoulder Width Left (ft)	NC	NC	NC		
Roadway Condition Information					
SCR (Surface Condition Rating)	38	46	29		
PCR (Pavement Condition Rating)	42	48	33		
Distress Index Values					
Alligator Cracking Index	75	75	63		
Longitudinal Cracking Index	87	91	89		
Tranverse Cracking Index	86	87	84		
Patching Index	100	99	100		
Rutting Index	89	92	93		
Roughness Condition Index (RCI)	51	52	43		

NC - Not Collected

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

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

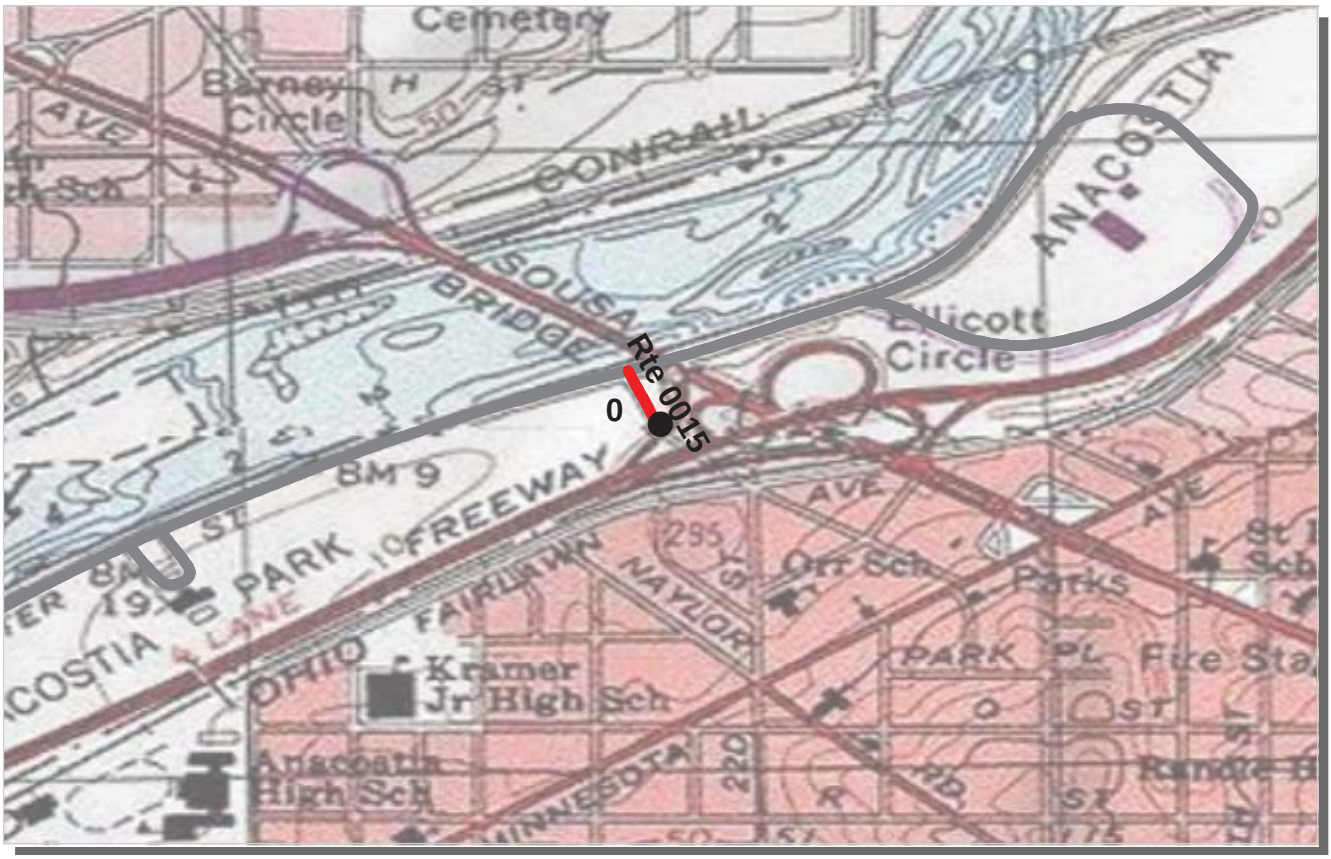
ROUTE: 0014 GOOD HOPE ROAD
NACE : NATIONAL CAPITAL PARKS-EAST

COLLECTED: 3/5/2009

NATIONAL CAPITAL REGION **TOTAL LENGTH: 0.07 Miles**

Section Number	0				
Section Length (mi)	0.07				
Traffic					
AADT	Traffic data may be found at www.efl.fhwa.dot.gov Click on PROGRAMS / NPS Traffic Data (Note: Not all parks have traffic data)				
SADT					
ADT Date					
Cross Section Information					
Number of Lanes	2				
Paved Width (ft)	26				
Lane Width (ft)	13				
Shoulder Width Right (ft)	NC				
Shoulder Width Left (ft)	NC				
Roadway Condition Information					
SCR (Surface Condition Rating)	0				
PCR (Pavement Condition Rating)	3				
Distress Index Values					
Alligator Cracking Index	44				
Longitudinal Cracking Index	83				
Tranverse Cracking Index	67				
Patching Index	100				
Rutting Index	69				
Roughness Condition Index (RCI)	29				

NC - Not Collected



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

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

ROUTE: 0015 22ND STREET
NACE : NATIONAL CAPITAL PARKS-EAST

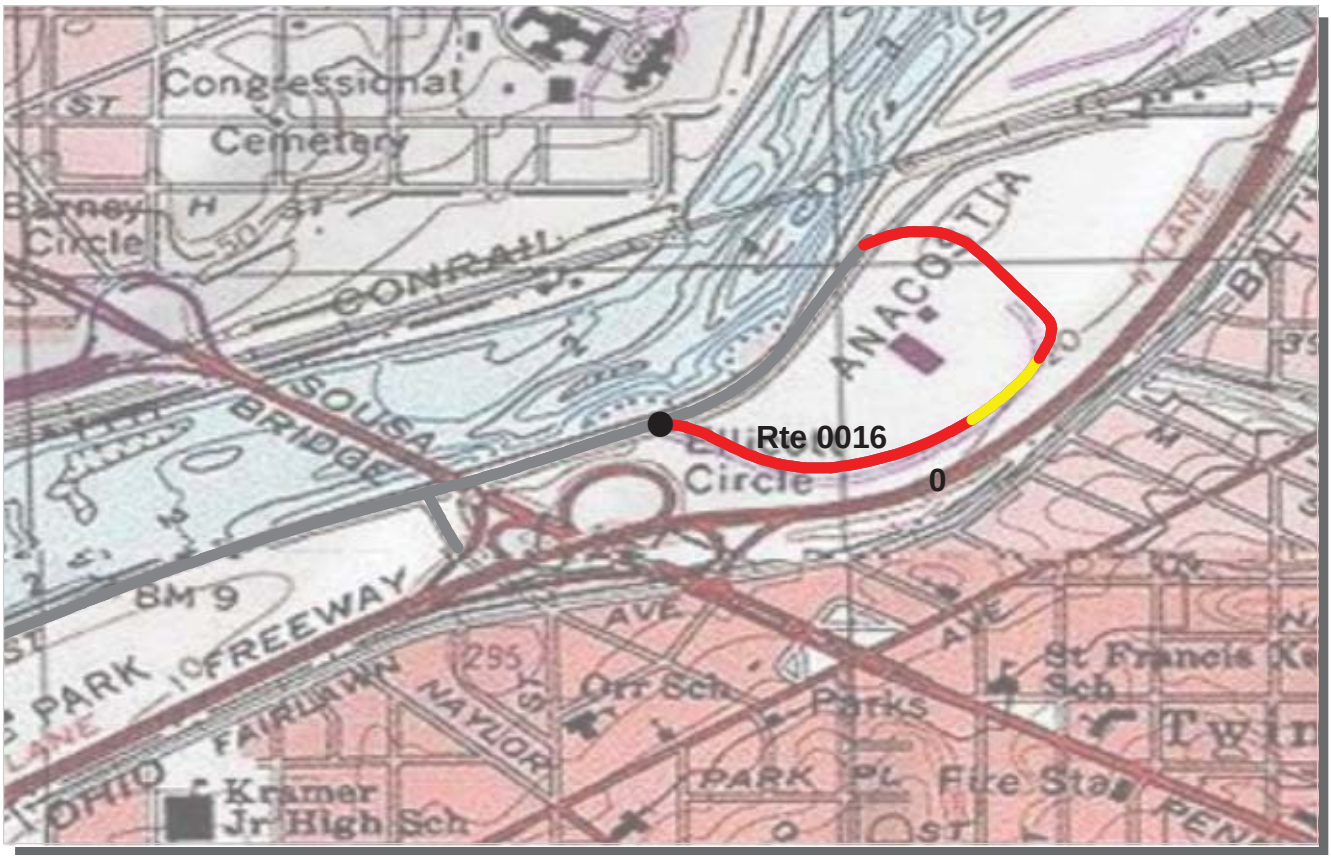
COLLECTED: 3/5/2009

NATIONAL CAPITAL REGION **TOTAL LENGTH: 0.05 Miles**

Section Number	0				
Section Length (mi)	0.05				
Traffic					
AADT	Traffic data may be found at www.efl.fhwa.dot.gov Click on PROGRAMS / NPS Traffic Data (Note: Not all parks have traffic data)				
SADT					
ADT Date					
Cross Section Information					
Number of Lanes	2				
Paved Width (ft)	27				
Lane Width (ft)	13				
Shoulder Width Right (ft)	NC				
Shoulder Width Left (ft)	NC				
Roadway Condition Information					
SCR (Surface Condition Rating)	31				
PCR (Pavement Condition Rating)	31				
Distress Index Values					
Alligator Cracking Index	87				
Longitudinal Cracking Index	78				
Tranverse Cracking Index	81				
Patching Index	100				
Rutting Index	84				
Roughness Condition Index (RCI)	NC				

NC - Not Collected

ROUTE: 0015 22ND STREET



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

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

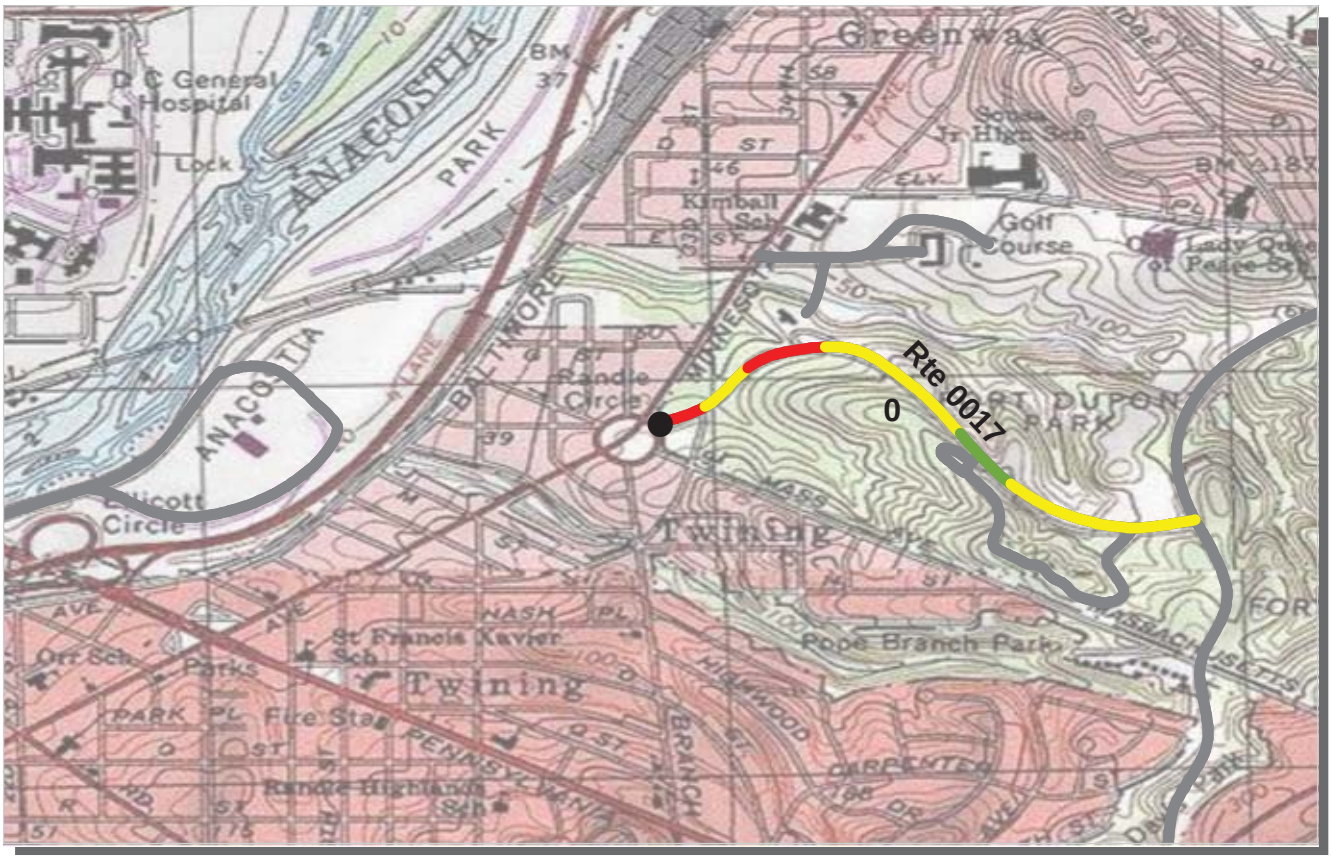
ROUTE: 0016 LOOP ROAD
NACE : NATIONAL CAPITAL PARKS-EAST

COLLECTED: 3/7/2009

NATIONAL CAPITAL REGION **TOTAL LENGTH: 0.56 Miles**

Section Number	0				
Section Length (mi)	0.56				
Traffic					
AADT	Traffic data may be found at www.efl.fhwa.dot.gov Click on PROGRAMS / NPS Traffic Data (Note: Not all parks have traffic data)				
SADT					
ADT Date					
Cross Section Information					
Number of Lanes	2				
Paved Width (ft)	22				
Lane Width (ft)	11				
Shoulder Width Right (ft)	NC				
Shoulder Width Left (ft)	NC				
Roadway Condition Information					
SCR (Surface Condition Rating)	17				
PCR (Pavement Condition Rating)	27				
Distress Index Values					
Alligator Cracking Index	40				
Longitudinal Cracking Index	94				
Tranverse Cracking Index	96				
Patching Index	100				
Rutting Index	78				
Roughness Condition Index (RCI)	60				

NC - Not Collected



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

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

ROUTE: 0017 FORT DUPONT DRIVE
NACE : NATIONAL CAPITAL PARKS-EAST

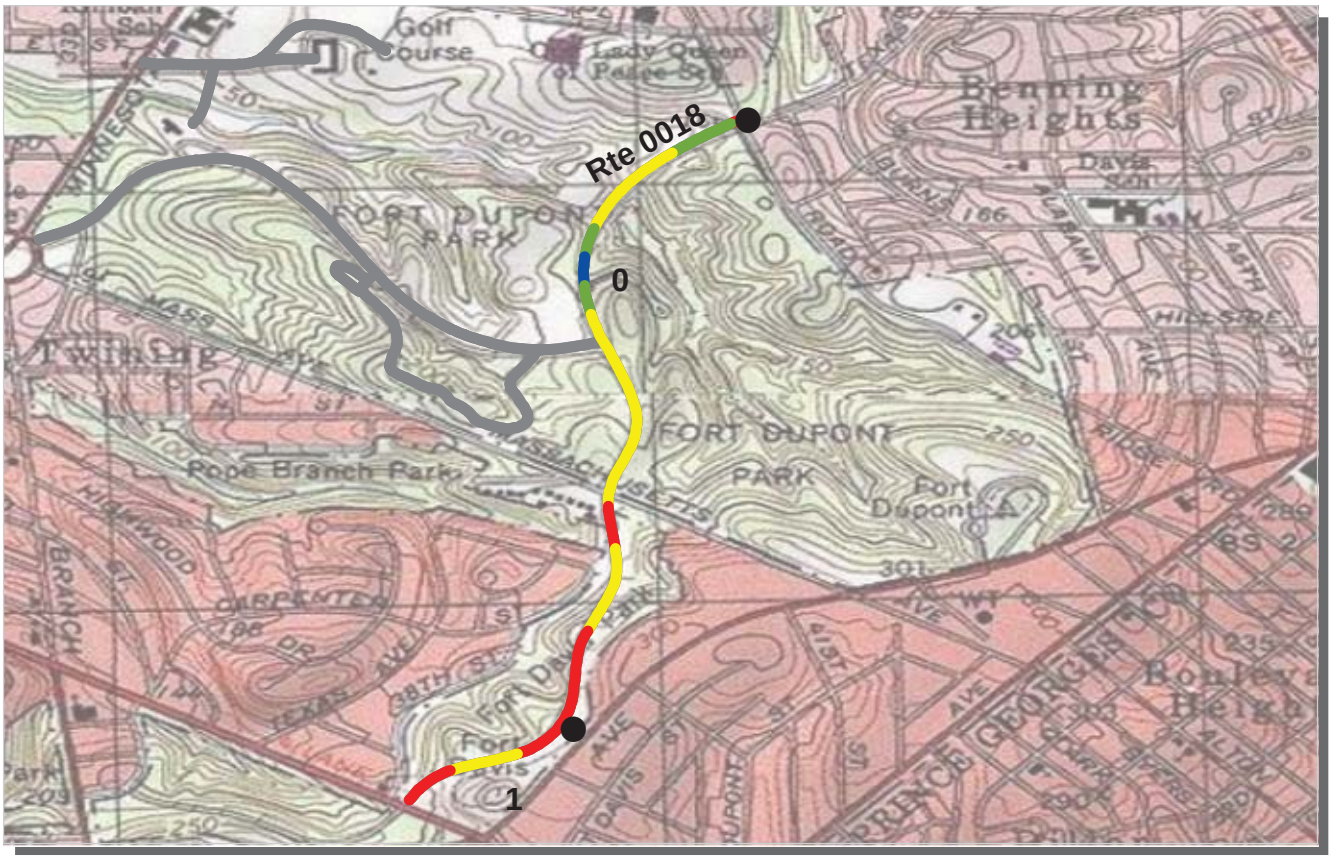
COLLECTED: 3/18/2009

NATIONAL CAPITAL REGION **TOTAL LENGTH: 0.80 Miles**

Section Number	0				
Section Length (mi)	0.80				
Traffic					
AADT	Traffic data may be found at www.efl.fhwa.dot.gov Click on PROGRAMS / NPS Traffic Data (Note: Not all parks have traffic data)				
SADT					
ADT Date					
Cross Section Information					
Number of Lanes	2				
Paved Width (ft)	25				
Lane Width (ft)	11				
Shoulder Width Right (ft)	NC				
Shoulder Width Left (ft)	NC				
Roadway Condition Information					
SCR (Surface Condition Rating)	54				
PCR (Pavement Condition Rating)	66				
Distress Index Values					
Alligator Cracking Index	83				
Longitudinal Cracking Index	94				
Tranverse Cracking Index	97				
Patching Index	99				
Rutting Index	81				
Roughness Condition Index (RCI)	94				

NC - Not Collected

ROUTE: 0017 FORT DUPONT DRIVE



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

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

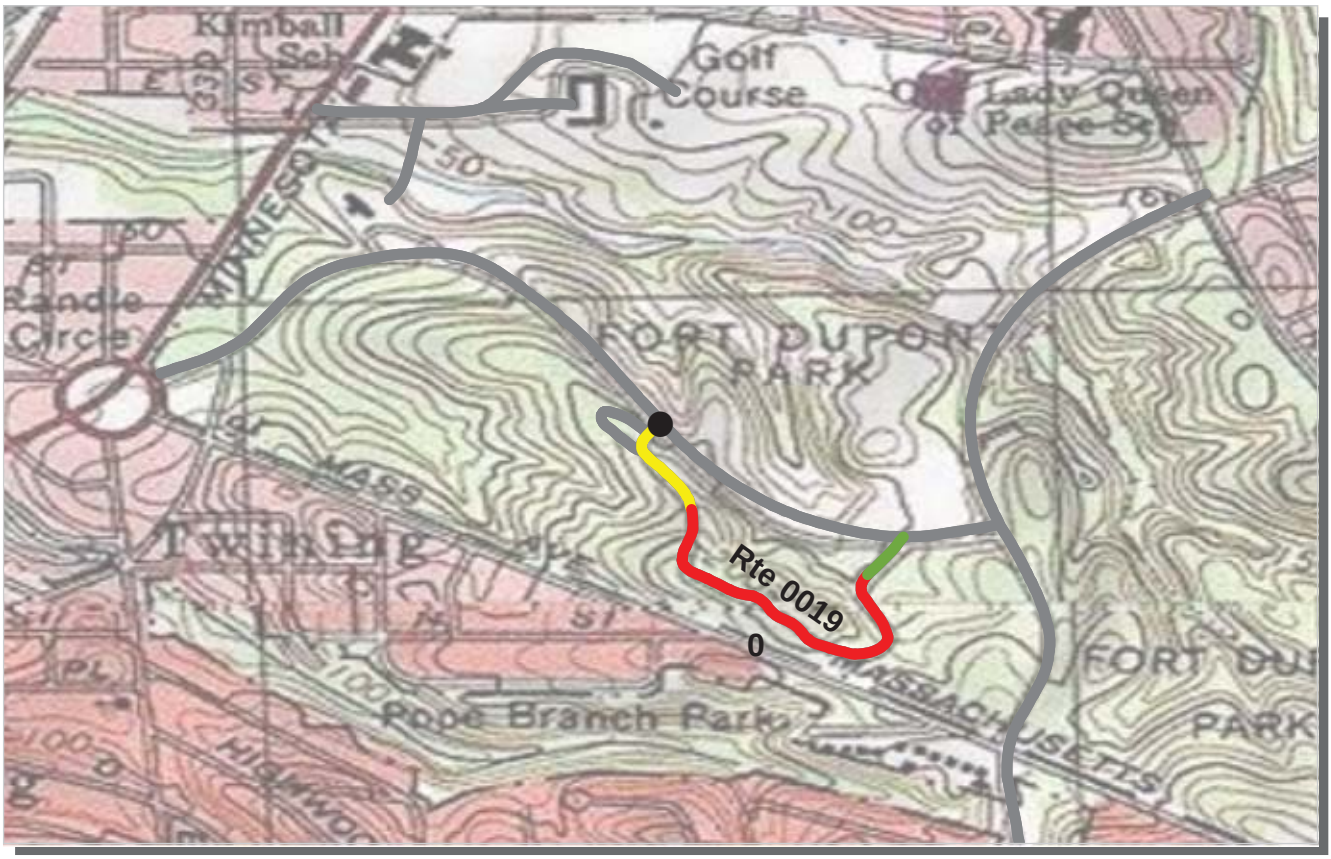
ROUTE: 0018 FORT DAVIS DRIVE
NACE : NATIONAL CAPITAL PARKS-EAST

COLLECTED: 3/18/2009

NATIONAL CAPITAL REGION **TOTAL LENGTH: 1.21 Miles**

Section Number	0	1			
Section Length (mi)	1.00	0.21			
Traffic					
AADT	Traffic data may be found at www.efl.fhwa.dot.gov Click on PROGRAMS / NPS Traffic Data (Note: Not all parks have traffic data)				
SADT					
ADT Date					
Cross Section Information					
Number of Lanes	2	2			
Paved Width (ft)	24	25			
Lane Width (ft)	11	12			
Shoulder Width Right (ft)	NC	NC			
Shoulder Width Left (ft)	NC	NC			
Roadway Condition Information					
SCR (Surface Condition Rating)	56	31			
PCR (Pavement Condition Rating)	69	50			
Distress Index Values					
Alligator Cracking Index	78	66			
Longitudinal Cracking Index	93	87			
Tranverse Cracking Index	97	93			
Patching Index	100	100			
Rutting Index	89	84			
Roughness Condition Index (RCI)	93	96			

NC - Not Collected



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

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

ROUTE: 0019 RIDGE PICNIC AREA ROAD
NACE : NATIONAL CAPITAL PARKS-EAST

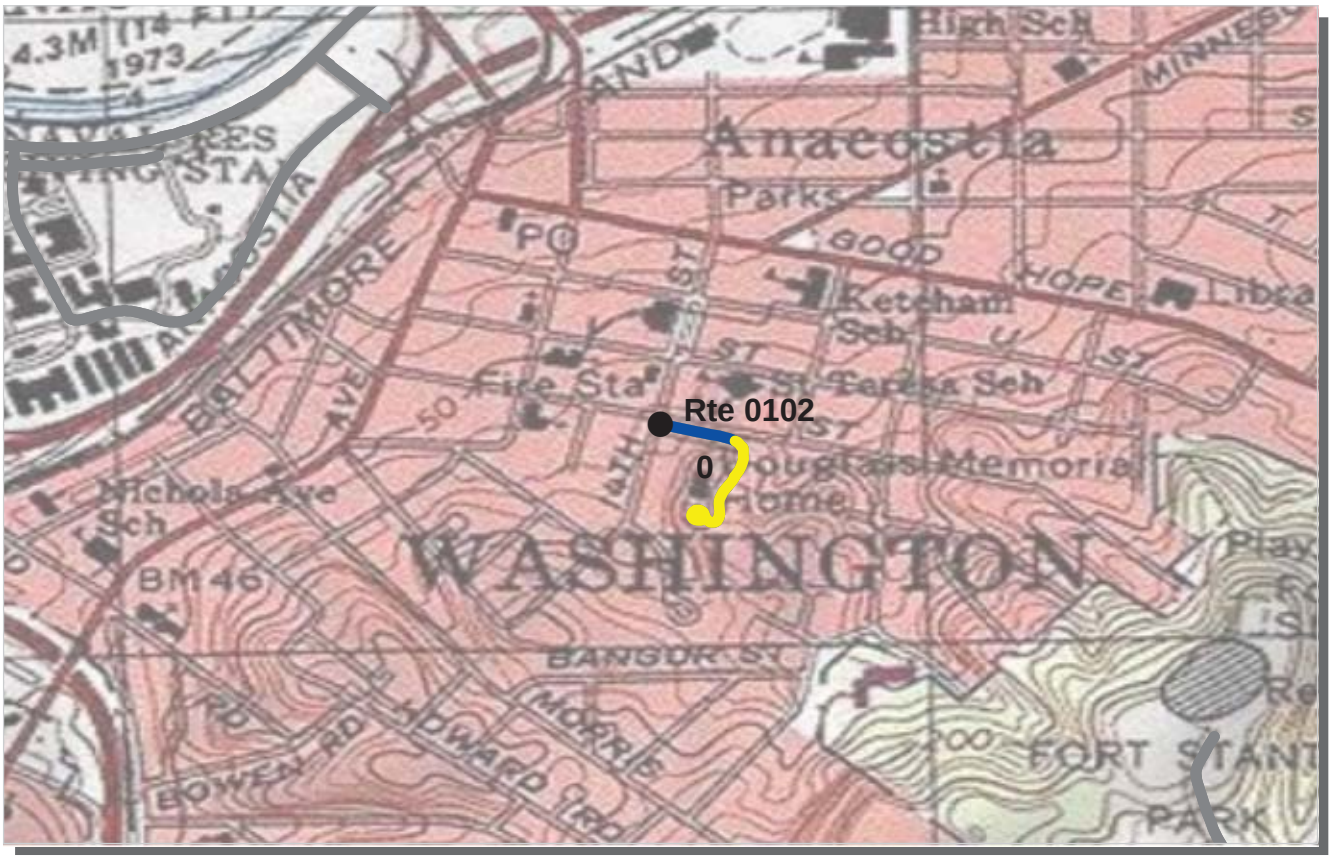
COLLECTED: 3/18/2009

NATIONAL CAPITAL REGION **TOTAL LENGTH: 0.46 Miles**

Section Number	0				
Section Length (mi)	0.46				
Traffic	Traffic data may be found at www.efl.fhwa.dot.gov Click on PROGRAMS / NPS Traffic Data (Note: Not all parks have traffic data)				
AADT					
SADT					
ADT Date					
Cross Section Information					
Number of Lanes	1				
Paved Width (ft)	14				
Lane Width (ft)	14				
Shoulder Width Right (ft)	NC				
Shoulder Width Left (ft)	NC				
Roadway Condition Information					
SCR (Surface Condition Rating)	64				
PCR (Pavement Condition Rating)	57				
Distress Index Values					
Alligator Cracking Index	98				
Longitudinal Cracking Index	95				
Tranverse Cracking Index	99				
Patching Index	100				
Rutting Index	72				
Roughness Condition Index (RCI)	33				

NC - Not Collected

ROUTE: 0019 RIDGE PICNIC AREA ROAD



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

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

ROUTE: 0102 FREDERICK DOUGLAS HOME ACCESS ROAD
NACE : NATIONAL CAPITAL PARKS-EAST

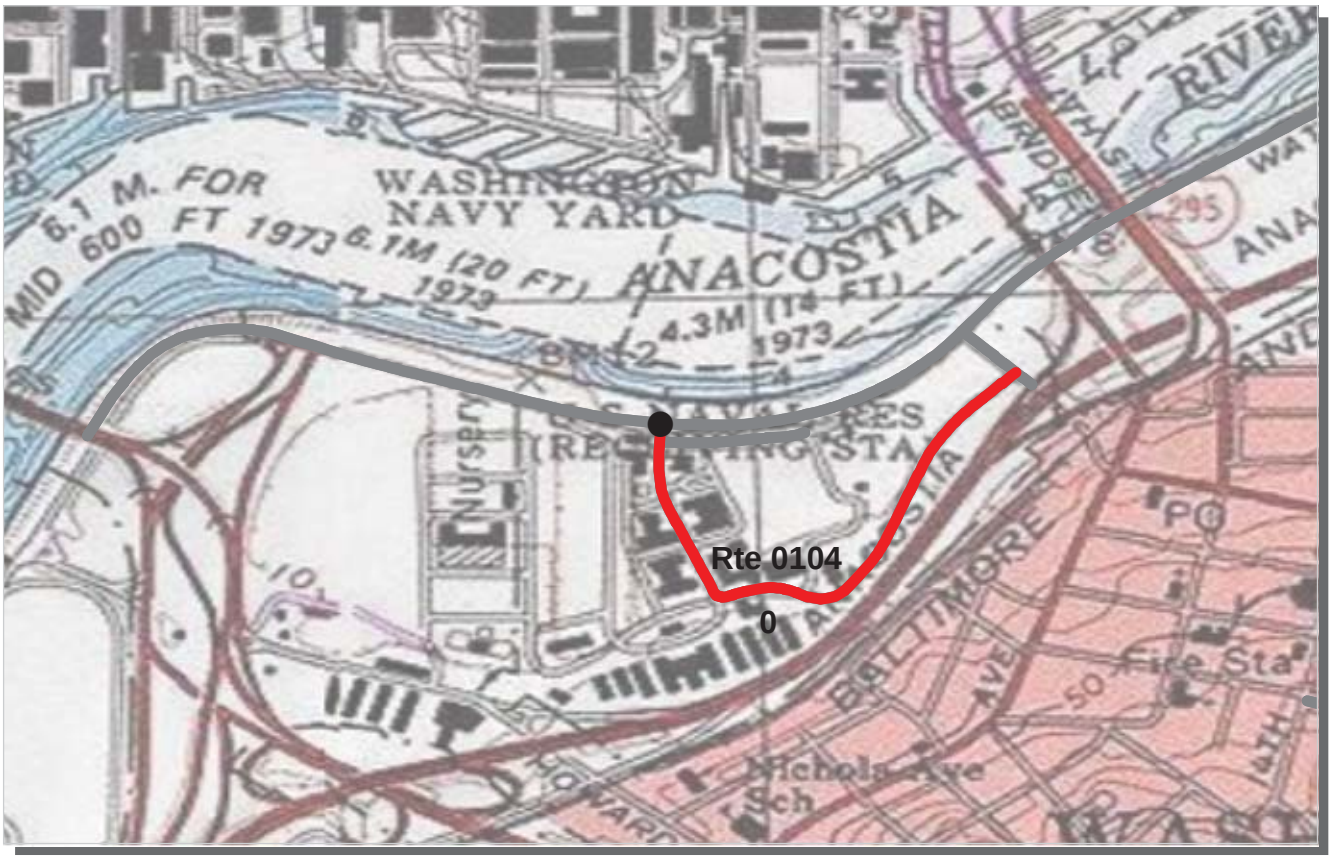
COLLECTED: 3/18/2009

NATIONAL CAPITAL REGION **TOTAL LENGTH: 0.18 Miles**

Section Number	0				
Section Length (mi)	0.18				
Traffic					
AADT	Traffic data may be found at www.efl.fhwa.dot.gov Click on PROGRAMS / NPS Traffic Data (Note: Not all parks have traffic data)				
SADT					
ADT Date					
Cross Section Information					
Number of Lanes	1				
Paved Width (ft)	12				
Lane Width (ft)	12				
Shoulder Width Right (ft)	NC				
Shoulder Width Left (ft)	NC				
Roadway Condition Information					
SCR (Surface Condition Rating)	89				
PCR (Pavement Condition Rating)	84				
Distress Index Values					
Alligator Cracking Index	100				
Longitudinal Cracking Index	100				
Tranverse Cracking Index	100				
Patching Index	100				
Rutting Index	90				
Roughness Condition Index (RCI)	33				

NC - Not Collected

ROUTE: 0102 FREDERICK DOUGLAS HOME ACCESS ROAD



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

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

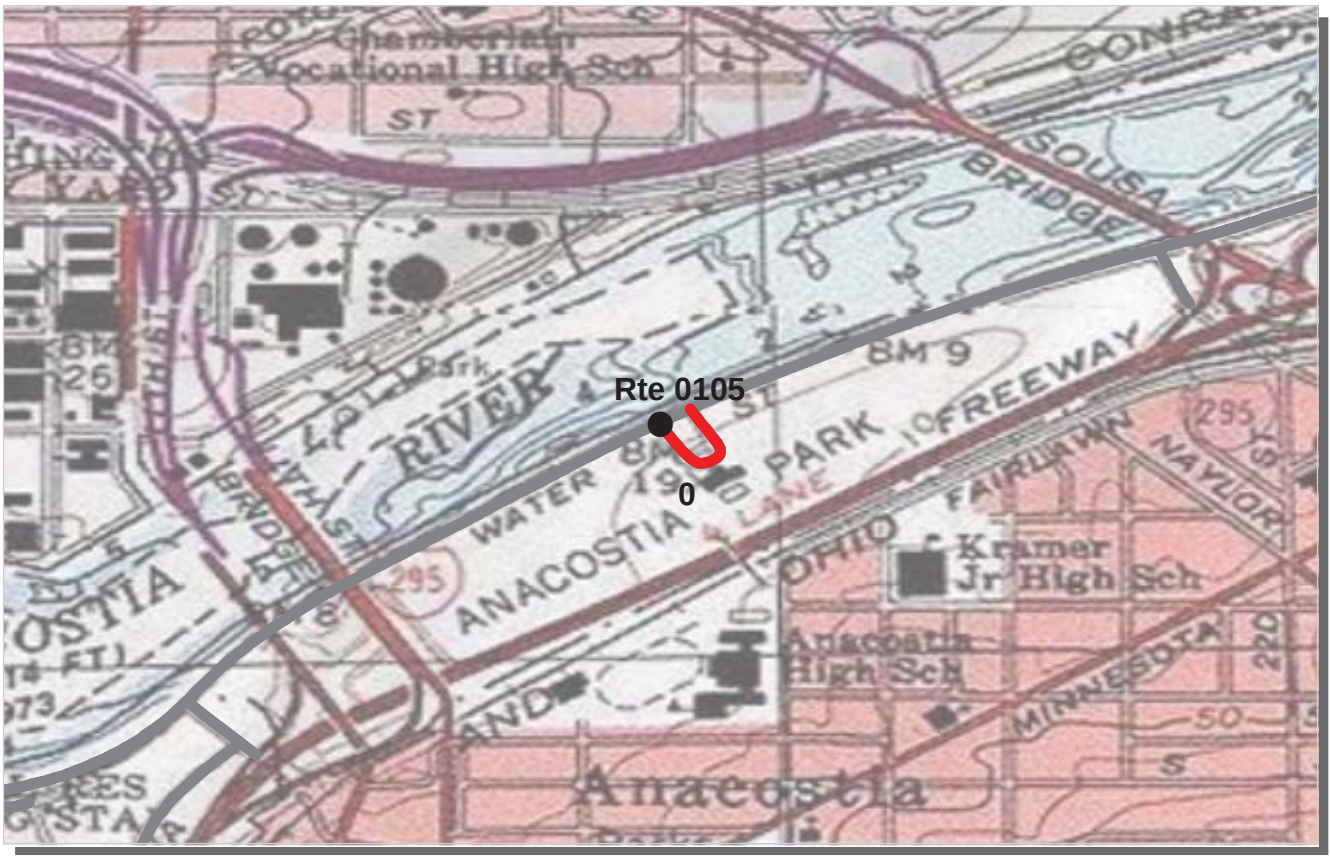
ROUTE: 0104 HEADQUARTERS ACCESS
NACE : NATIONAL CAPITAL PARKS-EAST

COLLECTED: 3/7/2009

NATIONAL CAPITAL REGION **TOTAL LENGTH: 0.53 Miles**

Section Number	0				
Section Length (mi)	0.53				
Traffic					
AADT	Traffic data may be found at www.efl.fhwa.dot.gov Click on PROGRAMS / NPS Traffic Data (Note: Not all parks have traffic data)				
SADT					
ADT Date					
Cross Section Information					
Number of Lanes	2				
Paved Width (ft)	22				
Lane Width (ft)	10				
Shoulder Width Right (ft)	NC				
Shoulder Width Left (ft)	NC				
Roadway Condition Information					
SCR (Surface Condition Rating)	22				
PCR (Pavement Condition Rating)	30				
Distress Index Values					
Alligator Cracking Index	75				
Longitudinal Cracking Index	85				
Tranverse Cracking Index	72				
Patching Index	99				
Rutting Index	88				
Roughness Condition Index (RCI)	60				

NC - Not Collected



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

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

ROUTE: 0105 ANACOSTIA POOL AND REC FACILITY ROAD
NACE : NATIONAL CAPITAL PARKS-EAST

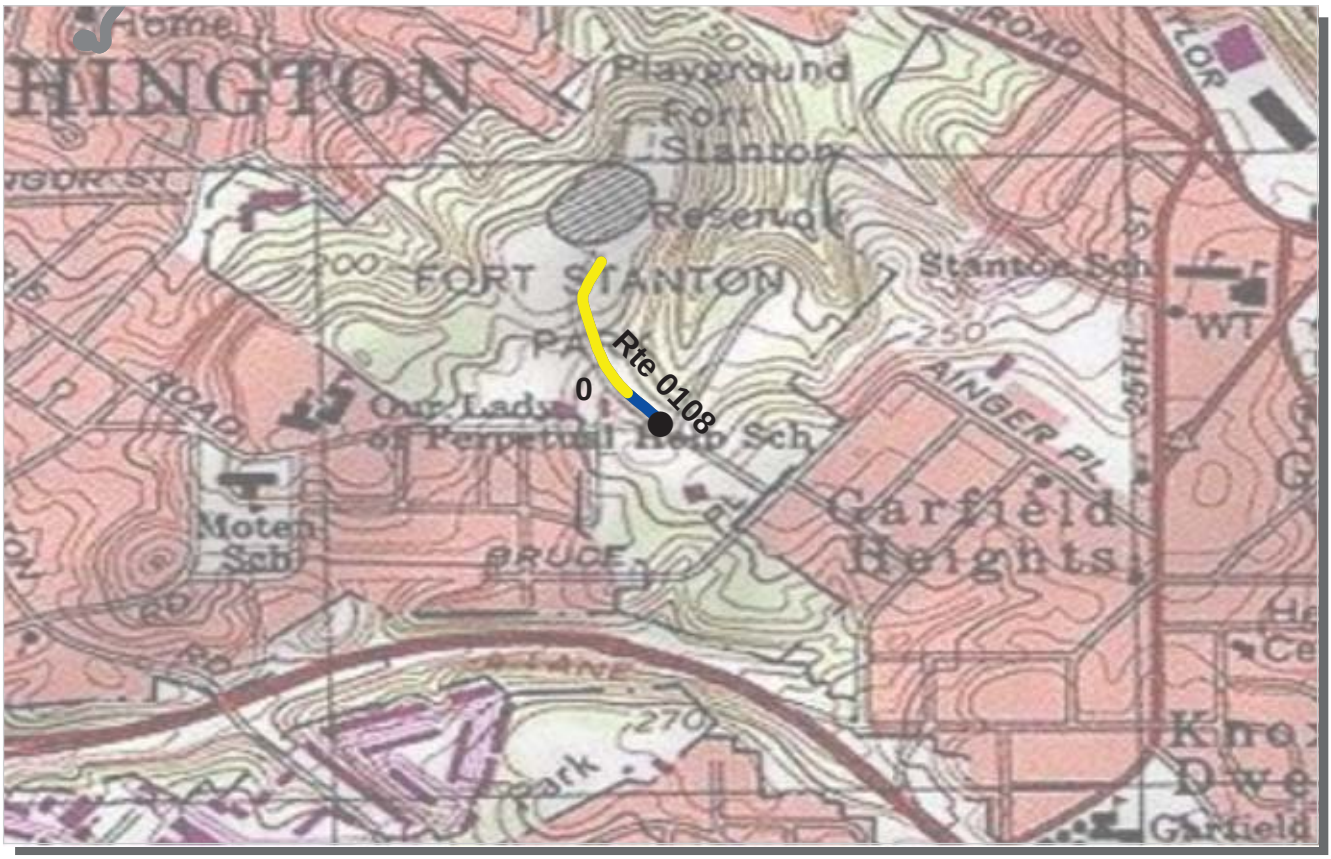
COLLECTED: 3/5/2009

NATIONAL CAPITAL REGION **TOTAL LENGTH: 0.11 Miles**

Section Number	0				
Section Length (mi)	0.11				
Traffic					
AADT	Traffic data may be found at www.efl.fhwa.dot.gov Click on PROGRAMS / NPS Traffic Data (Note: Not all parks have traffic data)				
SADT					
ADT Date					
Cross Section Information					
Number of Lanes	1				
Paved Width (ft)	26				
Lane Width (ft)	26				
Shoulder Width Right (ft)	NC				
Shoulder Width Left (ft)	NC				
Roadway Condition Information					
SCR (Surface Condition Rating)	47				
PCR (Pavement Condition Rating)	47				
Distress Index Values					
Alligator Cracking Index	95				
Longitudinal Cracking Index	89				
Tranverse Cracking Index	89				
Patching Index	99				
Rutting Index	74				
Roughness Condition Index (RCI)	NC				

NC - Not Collected

ROUTE: 0105 ANACOSTIA POOL AND REC FACILITY ROAD



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

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

ROUTE: 0108 FORT STANTON RESERVOIR ACCESS ROAD
NACE : NATIONAL CAPITAL PARKS-EAST

NATIONAL CAPITAL REGION

COLLECTED: 3/7/2009
TOTAL LENGTH: 0.18 Miles

Section Number	0				
Section Length (mi)	0.18				
Traffic					
AADT	Traffic data may be found at www.efl.fhwa.dot.gov Click on PROGRAMS / NPS Traffic Data (Note: Not all parks have traffic data)				
SADT					
ADT Date					
Cross Section Information					
Number of Lanes	1				
Paved Width (ft)	13				
Lane Width (ft)	13				
Shoulder Width Right (ft)	NC				
Shoulder Width Left (ft)	NC				
Roadway Condition Information					
SCR (Surface Condition Rating)	91				
PCR (Pavement Condition Rating)	87				
Distress Index Values					
Alligator Cracking Index	100				
Longitudinal Cracking Index	100				
Tranverse Cracking Index	99				
Patching Index	100				
Rutting Index	92				
Roughness Condition Index (RCI)	73				

NC - Not Collected

ROUTE: 0108 FORT STANTON RESERVOIR ACCESS ROAD

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

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

ROUTE: 0111 27TH STREET
NACE : NATIONAL CAPITAL PARKS-EAST

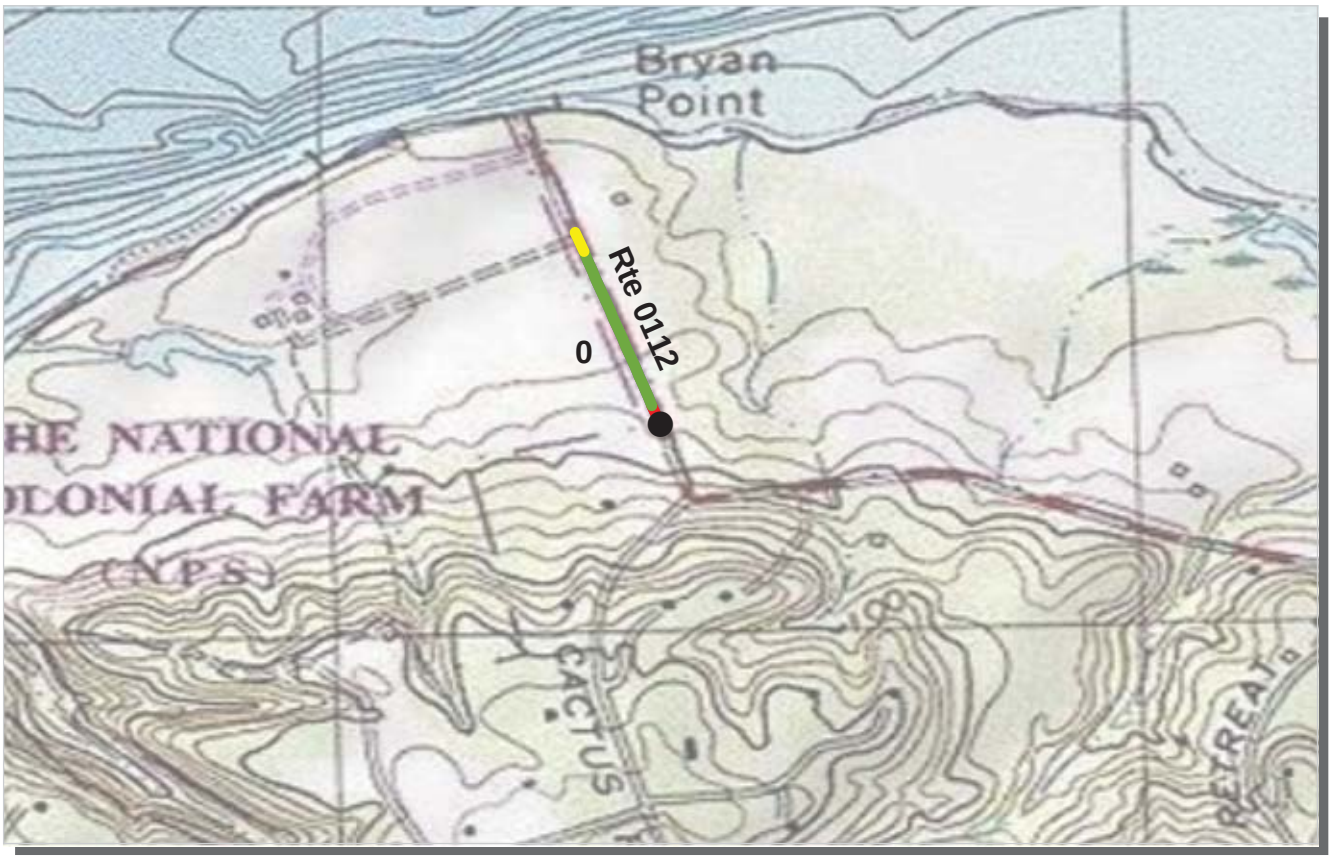
COLLECTED: 3/5/2009

NATIONAL CAPITAL REGION **TOTAL LENGTH: 0.13 Miles**

Section Number	0				
Section Length (mi)	0.13				
Traffic	Traffic data may be found at www.efl.fhwa.dot.gov Click on PROGRAMS / NPS Traffic Data (Note: Not all parks have traffic data)				
AADT					
SADT					
ADT Date					
Cross Section Information					
Number of Lanes	1				
Paved Width (ft)	23				
Lane Width (ft)	23				
Shoulder Width Right (ft)	NC				
Shoulder Width Left (ft)	NC				
Roadway Condition Information					
SCR (Surface Condition Rating)	68				
PCR (Pavement Condition Rating)	60				
Distress Index Values					
Alligator Cracking Index	83				
Longitudinal Cracking Index	92				
Tranverse Cracking Index	98				
Patching Index	100				
Rutting Index	95				
Roughness Condition Index (RCI)	48				

NC - Not Collected

ROUTE: 0111 27TH STREET



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

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

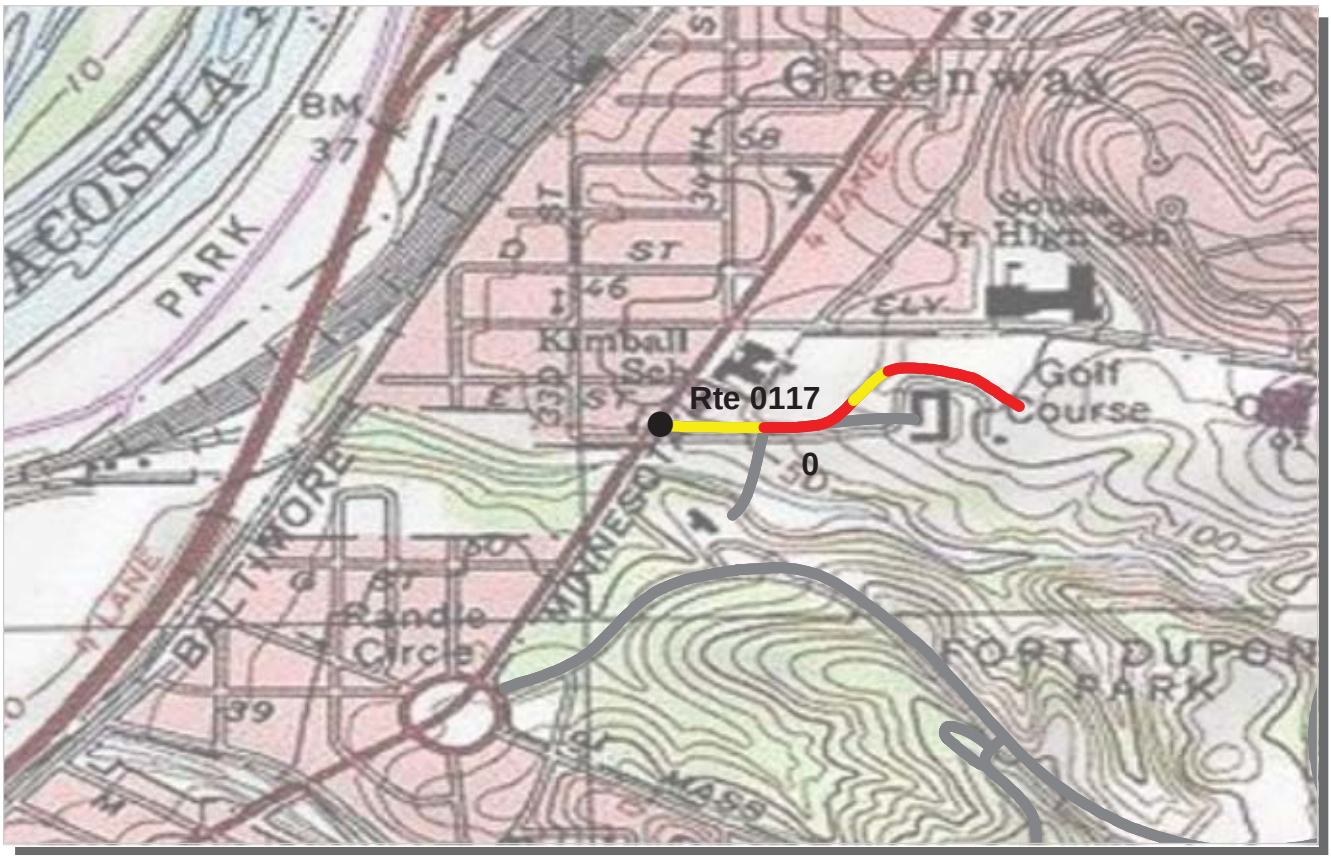
ROUTE: 0112 SAYLOR GROVE ROAD
NACE : NATIONAL CAPITAL PARKS-EAST

COLLECTED: 2/14/2009
NATIONAL CAPITAL REGION **TOTAL LENGTH: 0.20 Miles**

Section Number	0				
Section Length (mi)	0.20				
Traffic					
AADT	Traffic data may be found at www.efl.fhwa.dot.gov Click on PROGRAMS / NPS Traffic Data (Note: Not all parks have traffic data)				
SADT					
ADT Date					
Cross Section Information					
Number of Lanes	2				
Paved Width (ft)	15				
Lane Width (ft)	9				
Shoulder Width Right (ft)	NC				
Shoulder Width Left (ft)	NC				
Roadway Condition Information					
SCR (Surface Condition Rating)	86				
PCR (Pavement Condition Rating)	83				
Distress Index Values					
Alligator Cracking Index	97				
Longitudinal Cracking Index	98				
Tranverse Cracking Index	98				
Patching Index	100				
Rutting Index	94				
Roughness Condition Index (RCI)	77				

NC - Not Collected

ROUTE: 0112 SAYLOR GROVE ROAD



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

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

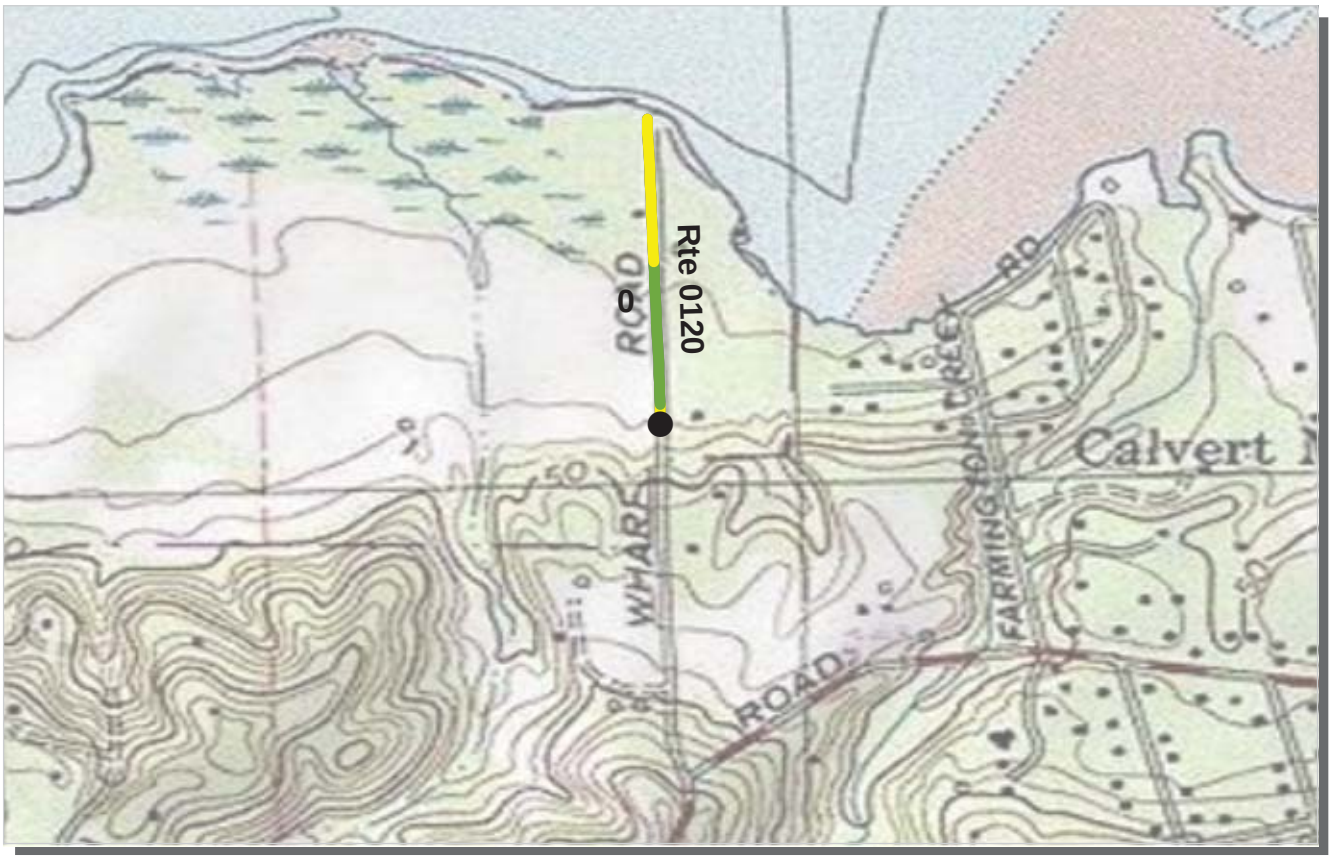
ROUTE: 0117 FT DUPONT MAINTENANCE ACCESS ROAD
NACE : NATIONAL CAPITAL PARKS-EAST

COLLECTED: 3/18/2009

NATIONAL CAPITAL REGION **TOTAL LENGTH: 0.31 Miles**

Section Number	0				
Section Length (mi)	0.31				
Traffic					
AADT	Traffic data may be found at www.efl.fhwa.dot.gov Click on PROGRAMS / NPS Traffic Data (Note: Not all parks have traffic data)				
SADT					
ADT Date					
Cross Section Information					
Number of Lanes	2				
Paved Width (ft)	18				
Lane Width (ft)	9				
Shoulder Width Right (ft)	NC				
Shoulder Width Left (ft)	NC				
Roadway Condition Information					
SCR (Surface Condition Rating)	48				
PCR (Pavement Condition Rating)	50				
Distress Index Values					
Alligator Cracking Index	80				
Longitudinal Cracking Index	87				
Tranverse Cracking Index	85				
Patching Index	100				
Rutting Index	91				
Roughness Condition Index (RCI)	61				

NC - Not Collected



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

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

ROUTE: 0120 FARMINGTON LANDING ACCESS ROAD
NACE : NATIONAL CAPITAL PARKS-EAST

COLLECTED: 2/14/2009

NATIONAL CAPITAL REGION **TOTAL LENGTH: 0.30 Miles**

Section Number	0				
Section Length (mi)	0.30				
Traffic					
AADT	Traffic data may be found at www.efl.fhwa.dot.gov Click on PROGRAMS / NPS Traffic Data (Note: Not all parks have traffic data)				
SADT					
ADT Date					
Cross Section Information					
Number of Lanes	1				
Paved Width (ft)	11				
Lane Width (ft)	11				
Shoulder Width Right (ft)	NC				
Shoulder Width Left (ft)	NC				
Roadway Condition Information					
SCR (Surface Condition Rating)	76				
PCR (Pavement Condition Rating)	78				
Distress Index Values					
Alligator Cracking Index	95				
Longitudinal Cracking Index	97				
Tranverse Cracking Index	100				
Patching Index	99				
Rutting Index	85				
Roughness Condition Index (RCI)	86				

NC - Not Collected

ROUTE: 0120 FARMINGTON LANDING ACCESS ROAD

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

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

ROUTE: 0123 RIVER ROAD
NACE : NATIONAL CAPITAL PARKS-EAST

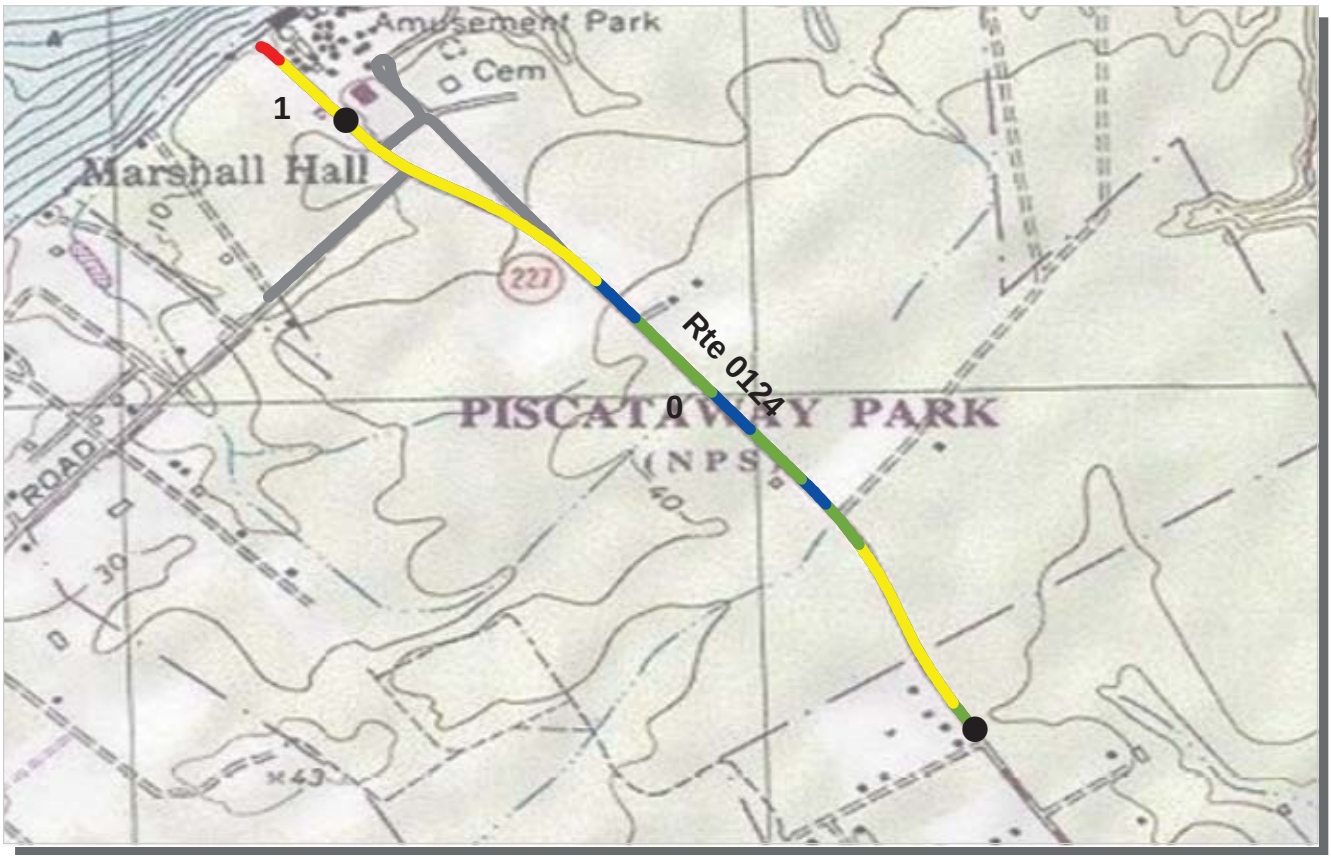
COLLECTED: 2/14/2009

NATIONAL CAPITAL REGION **TOTAL LENGTH: 0.21 Miles**

Section Number	0				
Section Length (mi)	0.21				
Traffic					
AADT	Traffic data may be found at www.efl.fhwa.dot.gov Click on PROGRAMS / NPS Traffic Data (Note: Not all parks have traffic data)				
SADT					
ADT Date					
Cross Section Information					
Number of Lanes	2				
Paved Width (ft)	21				
Lane Width (ft)	9				
Shoulder Width Right (ft)	NC				
Shoulder Width Left (ft)	NC				
Roadway Condition Information					
SCR (Surface Condition Rating)	81				
PCR (Pavement Condition Rating)	76				
Distress Index Values					
Alligator Cracking Index	99				
Longitudinal Cracking Index	96				
Tranverse Cracking Index	98				
Patching Index	100				
Rutting Index	88				
Roughness Condition Index (RCI)	70				

NC - Not Collected

ROUTE: 0123 RIVER ROAD



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

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

ROUTE: 0124 MARYLAND STATE HWY 227
NACE : NATIONAL CAPITAL PARKS-EAST

COLLECTED: 2/14/2009

NATIONAL CAPITAL REGION **TOTAL LENGTH: 1.12 Miles**

Section Number	0	1			
Section Length (mi)	1.00	0.12			
Traffic					
AADT	Traffic data may be found at www.efl.fhwa.dot.gov				
SADT	Click on PROGRAMS / NPS Traffic Data				
ADT Date	(Note: Not all parks have traffic data)				
Cross Section Information					
Number of Lanes	2	2			
Paved Width (ft)	37	21			
Lane Width (ft)	10	9			
Shoulder Width Right (ft)	NC	NC			
Shoulder Width Left (ft)	NC	NC			
Roadway Condition Information					
SCR (Surface Condition Rating)	74	68			
PCR (Pavement Condition Rating)	83	68			
Distress Index Values					
Alligator Cracking Index	100	100			
Longitudinal Cracking Index	87	81			
Tranverse Cracking Index	91	88			
Patching Index	100	100			
Rutting Index	96	100			
Roughness Condition Index (RCI)	97	68			

NC - Not Collected

ROUTE: 0124 MARYLAND STATE HWY 227

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

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

ROUTE: 0206 RIDGE PICNIC AREA LOOP
NACE : NATIONAL CAPITAL PARKS-EAST

COLLECTED: 3/18/2009

NATIONAL CAPITAL REGION **TOTAL LENGTH: 0.09 Miles**

Section Number	0				
Section Length (mi)	0.09				
Traffic					
AADT	Traffic data may be found at www.efl.fhwa.dot.gov Click on PROGRAMS / NPS Traffic Data (Note: Not all parks have traffic data)				
SADT					
ADT Date					
Cross Section Information					
Number of Lanes	1				
Paved Width (ft)	14				
Lane Width (ft)	14				
Shoulder Width Right (ft)	NC				
Shoulder Width Left (ft)	NC				
Roadway Condition Information					
SCR (Surface Condition Rating)	63				
PCR (Pavement Condition Rating)	63				
Distress Index Values					
Alligator Cracking Index	100				
Longitudinal Cracking Index	98				
Tranverse Cracking Index	99				
Patching Index	100				
Rutting Index	66				
Roughness Condition Index (RCI)	NC				

NC - Not Collected

ROUTE: 0206 RIDGE PICNIC AREA LOOP

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

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

ROUTE: 0300 MARSHALL HALL ACCESS ROAD
NACE : NATIONAL CAPITAL PARKS-EAST

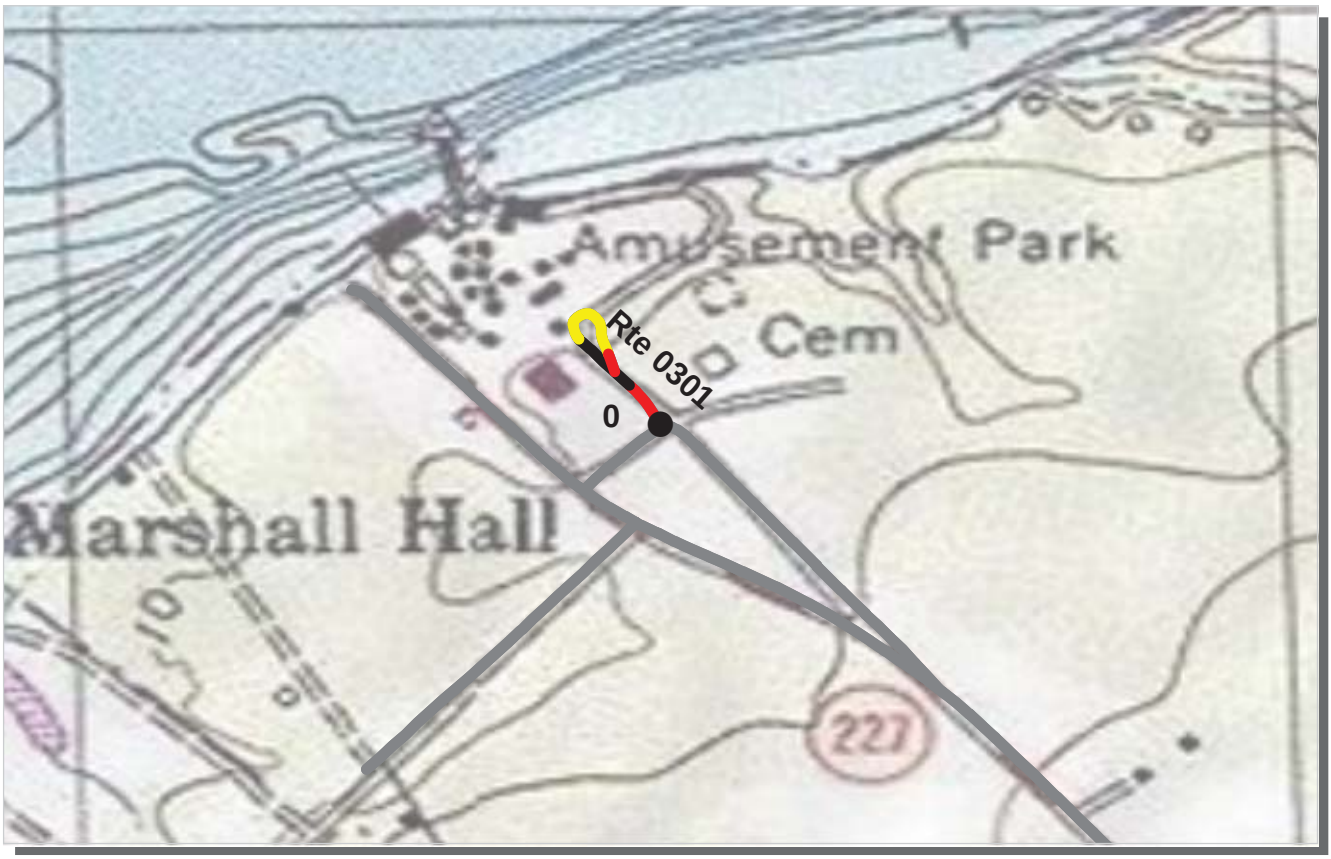
COLLECTED: 2/14/2009

NATIONAL CAPITAL REGION **TOTAL LENGTH: 0.28 Miles**

Section Number	0				
Section Length (mi)	0.28				
Traffic					
AADT	Traffic data may be found at www.efl.fhwa.dot.gov Click on PROGRAMS / NPS Traffic Data (Note: Not all parks have traffic data)				
SADT					
ADT Date					
Cross Section Information					
Number of Lanes	2				
Paved Width (ft)	15				
Lane Width (ft)	7				
Shoulder Width Right (ft)	NC				
Shoulder Width Left (ft)	NC				
Roadway Condition Information					
SCR (Surface Condition Rating)	14				
PCR (Pavement Condition Rating)	22				
Distress Index Values					
Alligator Cracking Index	62				
Longitudinal Cracking Index	90				
Tranverse Cracking Index	88				
Patching Index	90				
Rutting Index	81				
Roughness Condition Index (RCI)	42				

NC - Not Collected

ROUTE: 0300 MARSHALL HALL ACCESS ROAD



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

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

ROUTE: 0301 MARSHALL HALL LOOP ROAD
NACE : NATIONAL CAPITAL PARKS-EAST

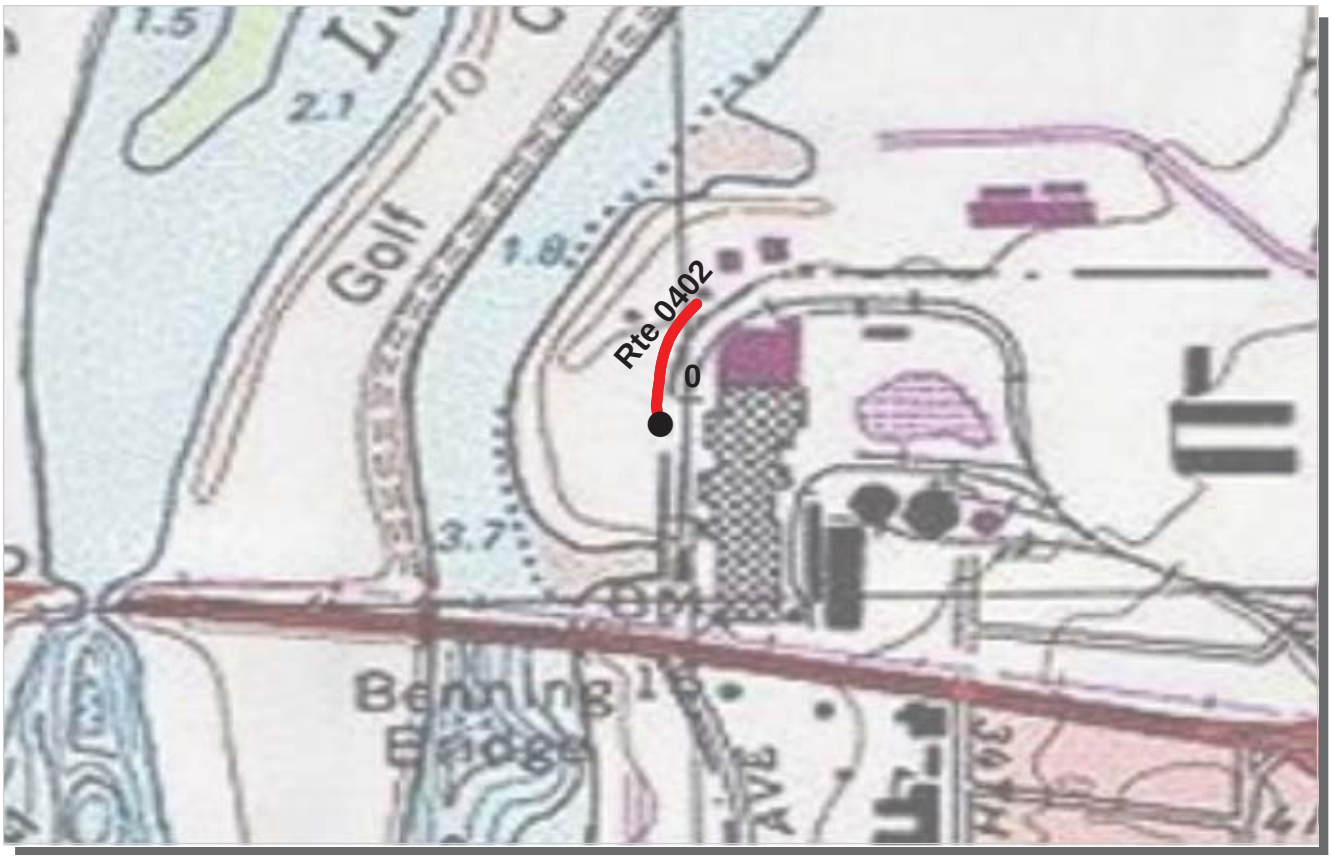
COLLECTED: 2/14/2009

NATIONAL CAPITAL REGION **TOTAL LENGTH: 0.13 Miles**

Section Number	0				
Section Length (mi)	0.13				
Traffic					
AADT	Traffic data may be found at www.efl.fhwa.dot.gov Click on PROGRAMS / NPS Traffic Data (Note: Not all parks have traffic data)				
SADT					
ADT Date					
Cross Section Information					
Number of Lanes	1				
Paved Width (ft)	12				
Lane Width (ft)	12				
Shoulder Width Right (ft)	NC				
Shoulder Width Left (ft)	NC				
Roadway Condition Information					
SCR (Surface Condition Rating)	61				
PCR (Pavement Condition Rating)	61				
Distress Index Values					
Alligator Cracking Index	98				
Longitudinal Cracking Index	92				
Tranverse Cracking Index	93				
Patching Index	100				
Rutting Index	78				
Roughness Condition Index (RCI)	NC				

NC - Not Collected

ROUTE: 0301 MARSHALL HALL LOOP ROAD



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

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

ROUTE: 0402 KENILWORTH MAINTENANCE ACCESS
NACE : NATIONAL CAPITAL PARKS-EAST

COLLECTED: 3/6/2009

NATIONAL CAPITAL REGION **TOTAL LENGTH: 0.08 Miles**

Section Number	0				
Section Length (mi)	0.08				
Traffic					
AADT	Traffic data may be found at www.efl.fhwa.dot.gov Click on PROGRAMS / NPS Traffic Data (Note: Not all parks have traffic data)				
SADT					
ADT Date					
Cross Section Information					
Number of Lanes	2				
Paved Width (ft)	19				
Lane Width (ft)	10				
Shoulder Width Right (ft)	NC				
Shoulder Width Left (ft)	NC				
Roadway Condition Information					
SCR (Surface Condition Rating)	42				
PCR (Pavement Condition Rating)	42				
Distress Index Values					
Alligator Cracking Index	78				
Longitudinal Cracking Index	93				
Tranverse Cracking Index	89				
Patching Index	100				
Rutting Index	84				
Roughness Condition Index (RCI)	NC				

NC - Not Collected

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

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

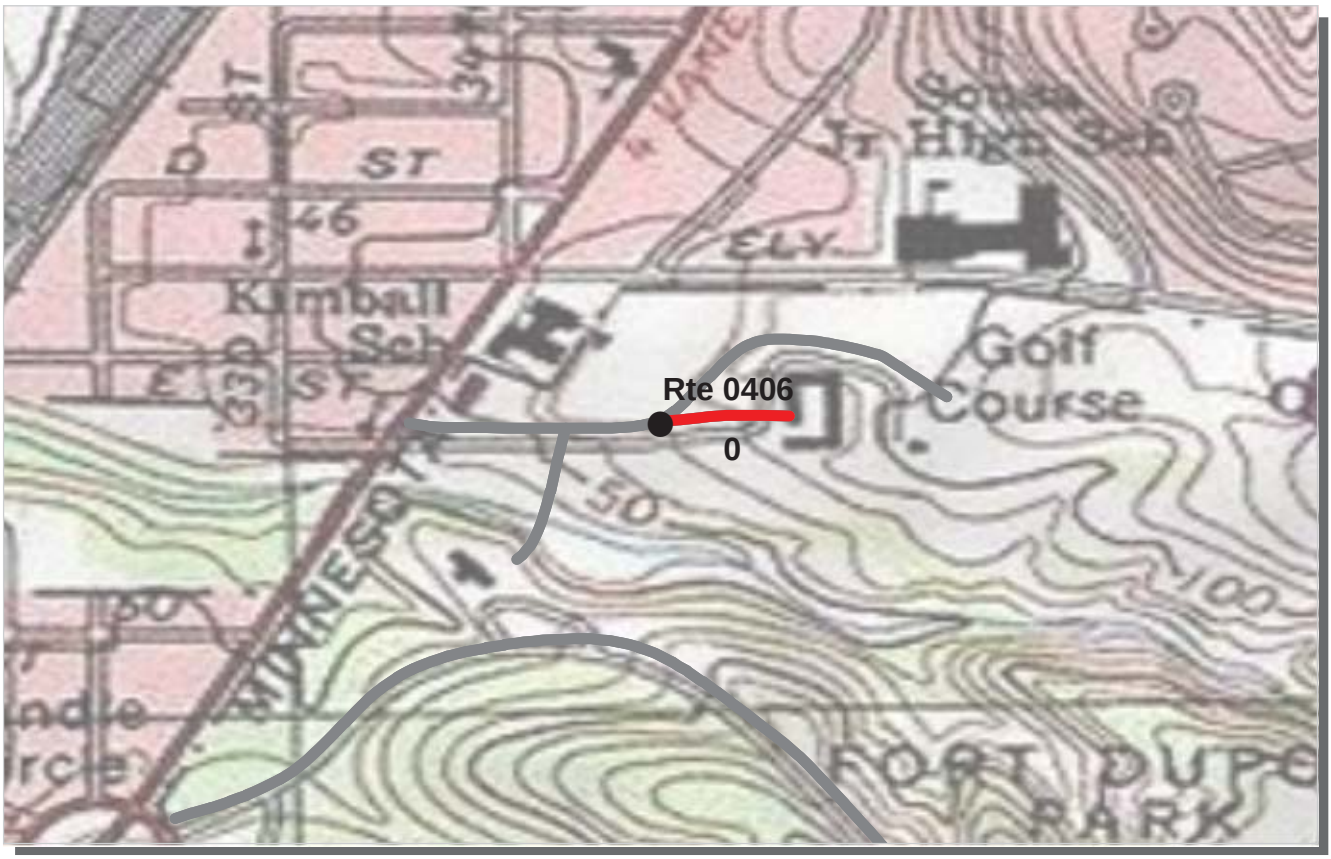
ROUTE: 0404 RIVER TERRACE ROAD
NACE : NATIONAL CAPITAL PARKS-EAST

COLLECTED: 3/6/2009

NATIONAL CAPITAL REGION **TOTAL LENGTH: 0.05 Miles**

Section Number	0				
Section Length (mi)	0.05				
Traffic					
AADT	Traffic data may be found at www.efl.fhwa.dot.gov Click on PROGRAMS / NPS Traffic Data (Note: Not all parks have traffic data)				
SADT					
ADT Date					
Cross Section Information					
Number of Lanes	1				
Paved Width (ft)	17				
Lane Width (ft)	17				
Shoulder Width Right (ft)	NC				
Shoulder Width Left (ft)	NC				
Roadway Condition Information					
SCR (Surface Condition Rating)	85				
PCR (Pavement Condition Rating)	85				
Distress Index Values					
Alligator Cracking Index	100				
Longitudinal Cracking Index	98				
Tranverse Cracking Index	99				
Patching Index	100				
Rutting Index	88				
Roughness Condition Index (RCI)	NC				

NC - Not Collected



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

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

ROUTE: 0406 FORT DUPONT MAINTENANCE ACCESS/YARD
NACE : NATIONAL CAPITAL PARKS-EAST

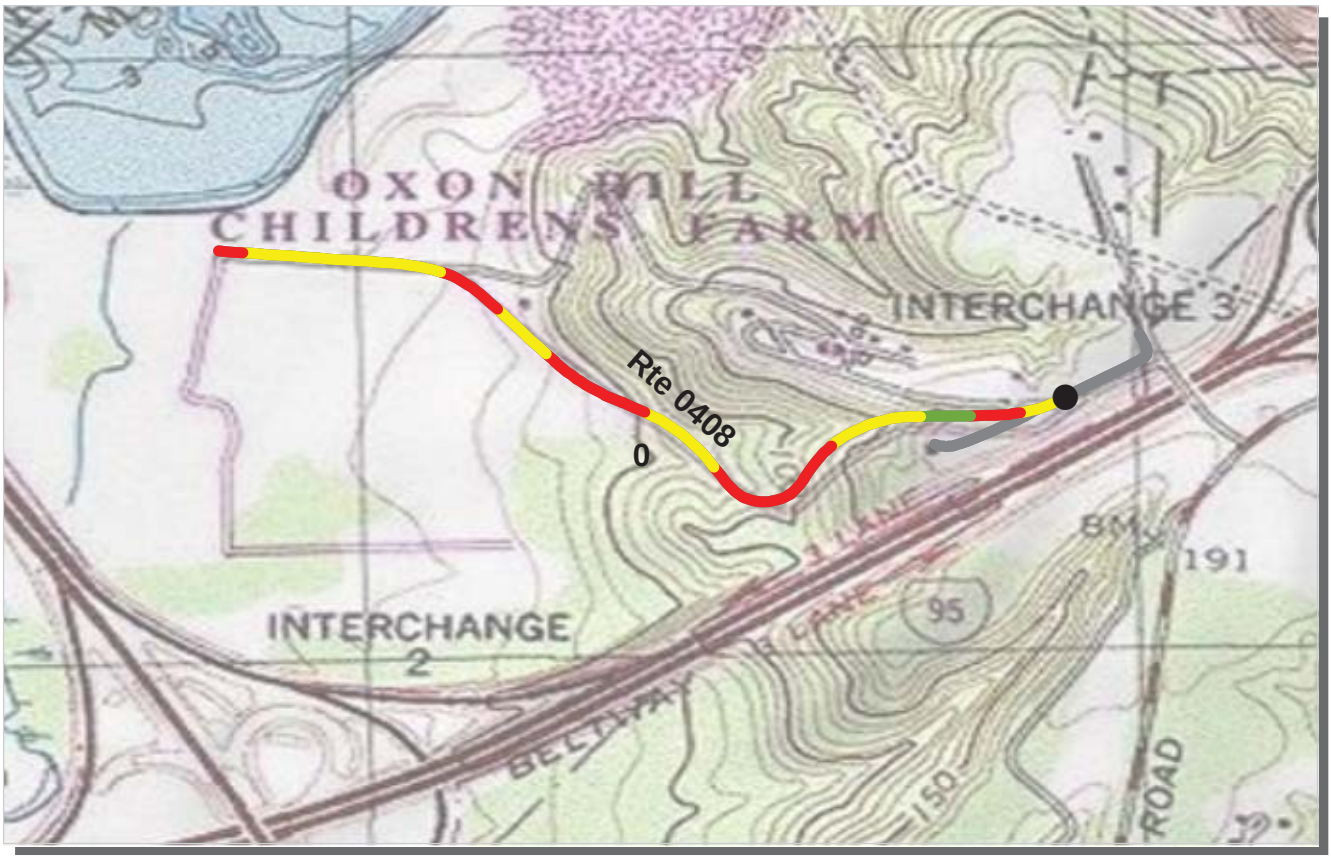
NATIONAL CAPITAL REGION

COLLECTED: 3/7/2009
TOTAL LENGTH: 0.06 Miles

Section Number	0				
Section Length (mi)	0.06				
Traffic					
AADT	Traffic data may be found at www.efl.fhwa.dot.gov Click on PROGRAMS / NPS Traffic Data (Note: Not all parks have traffic data)				
SADT					
ADT Date					
Cross Section Information					
Number of Lanes	2				
Paved Width (ft)	17				
Lane Width (ft)	9				
Shoulder Width Right (ft)	NC				
Shoulder Width Left (ft)	NC				
Roadway Condition Information					
SCR (Surface Condition Rating)	43				
PCR (Pavement Condition Rating)	43				
Distress Index Values					
Alligator Cracking Index	90				
Longitudinal Cracking Index	84				
Tranverse Cracking Index	77				
Patching Index	100				
Rutting Index	91				
Roughness Condition Index (RCI)	NC				

NC - Not Collected

ROUTE: 0406 FORT DUPONT MAINTENANCE ACCESS/YARD



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

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

ROUTE: 0408 BOTTOM ROAD
NACE : NATIONAL CAPITAL PARKS-EAST

COLLECTED: 3/6/2009

NATIONAL CAPITAL REGION **TOTAL LENGTH: 0.82 Miles**

Section Number	0				
Section Length (mi)	0.82				
Traffic					
AADT	Traffic data may be found at www.efl.fhwa.dot.gov Click on PROGRAMS / NPS Traffic Data (Note: Not all parks have traffic data)				
SADT					
ADT Date					
Cross Section Information					
Number of Lanes	2				
Paved Width (ft)	19				
Lane Width (ft)	9				
Shoulder Width Right (ft)	NC				
Shoulder Width Left (ft)	NC				
Roadway Condition Information					
SCR (Surface Condition Rating)	47				
PCR (Pavement Condition Rating)	55				
Distress Index Values					
Alligator Cracking Index	82				
Longitudinal Cracking Index	91				
Tranverse Cracking Index	83				
Patching Index	100				
Rutting Index	89				
Roughness Condition Index (RCI)	74				

NC - Not Collected

ROUTE: 0408 BOTTOM ROAD

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

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

ROUTE: 0410 RESIDENCE ACCESS
NACE : NATIONAL CAPITAL PARKS-EAST

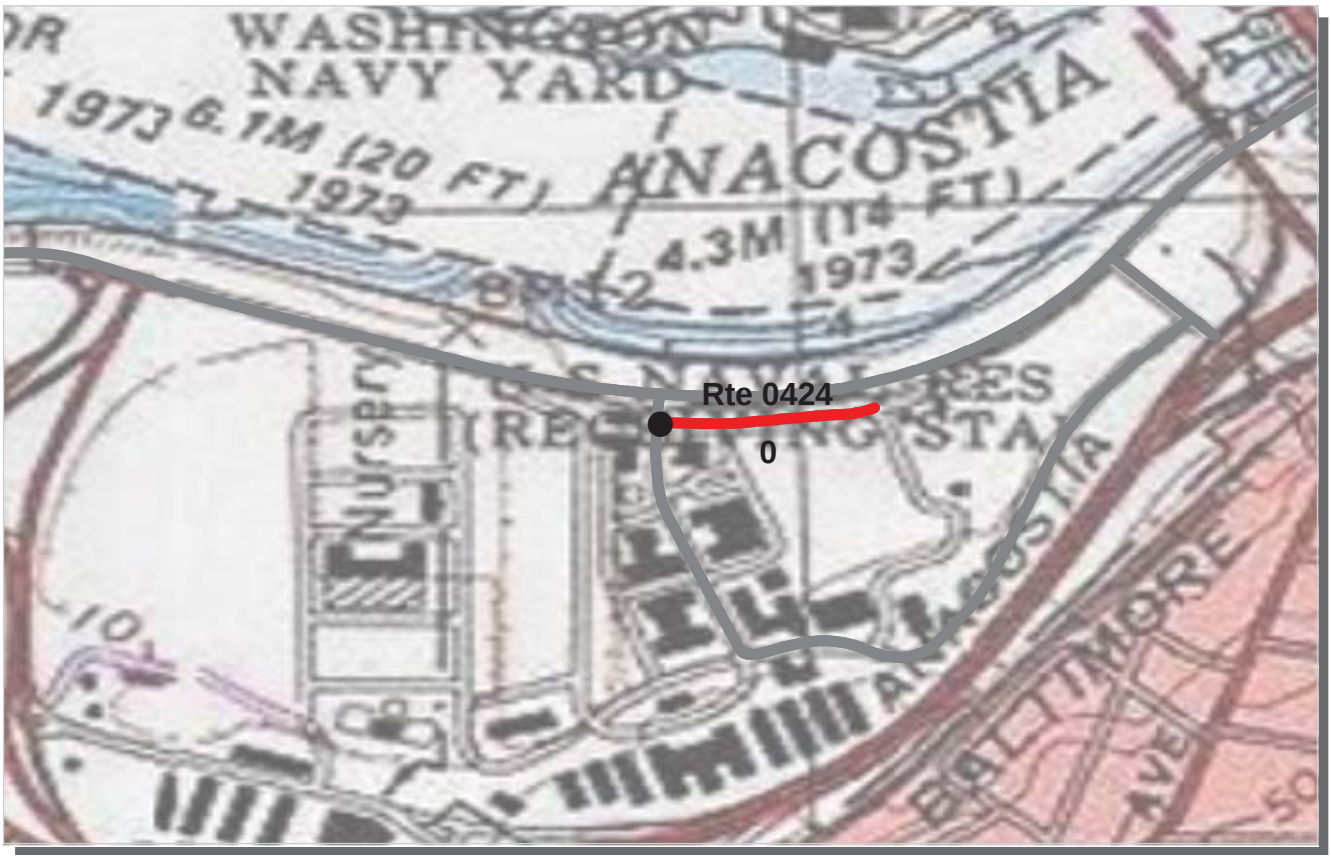
COLLECTED: 3/6/2009

NATIONAL CAPITAL REGION **TOTAL LENGTH: 0.09 Miles**

Section Number	0				
Section Length (mi)	0.09				
Traffic					
AADT	Traffic data may be found at www.efl.fhwa.dot.gov Click on PROGRAMS / NPS Traffic Data (Note: Not all parks have traffic data)				
SADT					
ADT Date					
Cross Section Information					
Number of Lanes	1				
Paved Width (ft)	9				
Lane Width (ft)	9				
Shoulder Width Right (ft)	NC				
Shoulder Width Left (ft)	NC				
Roadway Condition Information					
SCR (Surface Condition Rating)	19				
PCR (Pavement Condition Rating)	19				
Distress Index Values					
Alligator Cracking Index	51				
Longitudinal Cracking Index	94				
Tranverse Cracking Index	96				
Patching Index	100				
Rutting Index	71				
Roughness Condition Index (RCI)	NC				

NC - Not Collected

ROUTE: 0410 RESIDENCE ACCESS



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

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

ROUTE: 0424 USPP TRAINING FACILITIES ROAD
NACE : NATIONAL CAPITAL PARKS-EAST

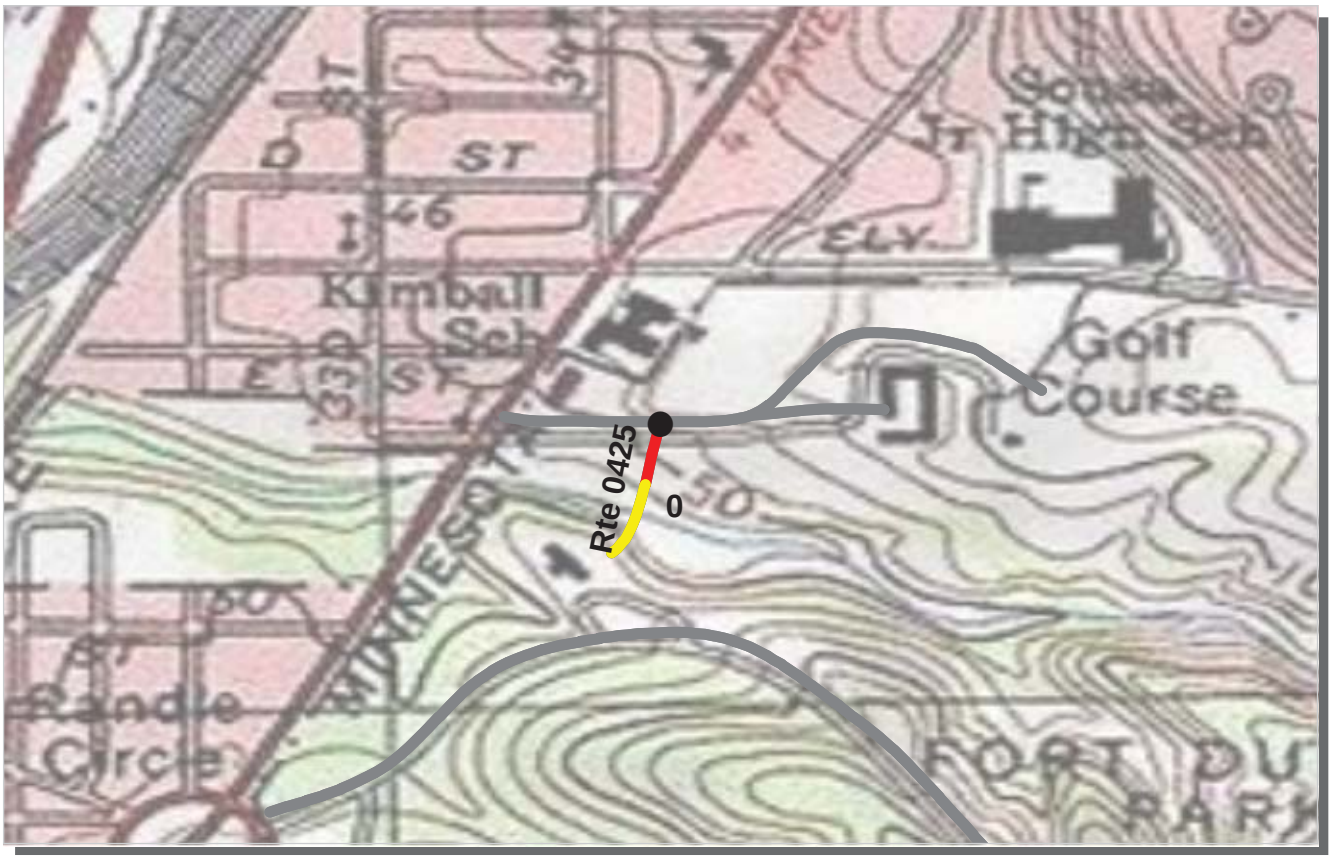
COLLECTED: 3/5/2009

NATIONAL CAPITAL REGION **TOTAL LENGTH: 0.11 Miles**

Section Number	0				
Section Length (mi)	0.11				
Traffic					
AADT	Traffic data may be found at www.efl.fhwa.dot.gov Click on PROGRAMS / NPS Traffic Data (Note: Not all parks have traffic data)				
SADT					
ADT Date					
Cross Section Information					
Number of Lanes	2				
Paved Width (ft)	19				
Lane Width (ft)	10				
Shoulder Width Right (ft)	NC				
Shoulder Width Left (ft)	NC				
Roadway Condition Information					
SCR (Surface Condition Rating)	41				
PCR (Pavement Condition Rating)	41				
Distress Index Values					
Alligator Cracking Index	99				
Longitudinal Cracking Index	80				
Tranverse Cracking Index	72				
Patching Index	100				
Rutting Index	91				
Roughness Condition Index (RCI)	NC				

NC - Not Collected

ROUTE: 0424 USPP TRAINING FACILITIES ROAD



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

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

ROUTE: 0425 FT DUPONT SUMMER THEATRE SERVICE ROAD
NACE : NATIONAL CAPITAL PARKS-EAST

COLLECTED: 3/18/2009

NATIONAL CAPITAL REGION **TOTAL LENGTH: 0.09 Miles**

Section Number	0				
Section Length (mi)	0.09				
Traffic					
AADT	Traffic data may be found at www.efl.fhwa.dot.gov Click on PROGRAMS / NPS Traffic Data (Note: Not all parks have traffic data)				
SADT					
ADT Date					
Cross Section Information					
Number of Lanes	1				
Paved Width (ft)	10				
Lane Width (ft)	10				
Shoulder Width Right (ft)	NC				
Shoulder Width Left (ft)	NC				
Roadway Condition Information					
SCR (Surface Condition Rating)	63				
PCR (Pavement Condition Rating)	63				
Distress Index Values					
Alligator Cracking Index	99				
Longitudinal Cracking Index	98				
Tranverse Cracking Index	98				
Patching Index	100				
Rutting Index	67				
Roughness Condition Index (RCI)	NC				

ROUTE: 0425 FT DUPONT SUMMER THEATRE SERVICE ROAD

NC - Not Collected

National Capital Parks - East

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

NATIONAL CAPITAL PARKS-EAST

Route 0118

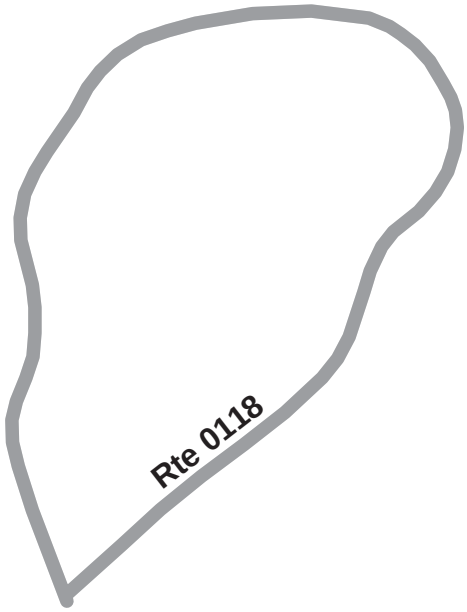
LANHAM ESTATES LOOP ROAD

FROM ALABAMA AVENUE SE

TO END OF LOOP

Route Number	Public / NonPublic	Date Visited		Area (sq ft)	Lane Miles *	Surface Type
0118	PUBLIC	3/18/2009		16,896	0.29	AS
Culverts	**Drop Inlets**	**Gates**	**Fire Hydrants**	**Curb & Gutter**	**Curb**	**PCR**
1	0	0	0	NO CURB AND GUTTER	NO CURB	POOR/45

* Lane miles are based on 11' lane widths



440 220 0 440 Feet

N

NATIONAL CAPITAL PARKS-EAST

Route 0411

OXON HILL BIKE TRAIL AND MAINTENANCE ACCESS

FROM INTERSECTION OF ROUTE 0408 ROUTE 0409

TO DC DISTRICT LINE (FENCE WITH GATE, AT DC VILLAGE)

Route Number	Public / NonPublic	Date Visited		Area (sq ft)	Lane Miles *	Surface Type
0411	NONPUBLIC	12/1/2008		46,570	0.80	AS
Culverts	**Drop Inlets**	**Gates**	**Fire Hydrants**	**Curb & Gutter**	**Curb**	**PCR**
0	0	0	0	NO CURB AND GUTTER	NO CURB	POOR/45

* Lane miles are based on 11' lane widths

1,700 850 0 1,700 Feet

N

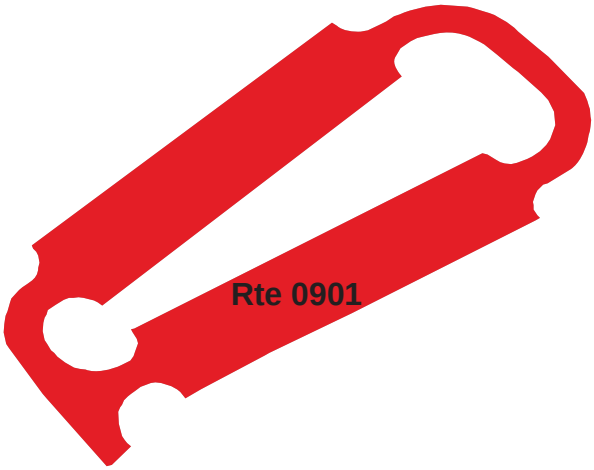
National Capital Parks - East

Section 7
Parking Area Condition Rating Sheets

NATIONAL CAPITAL PARKS-EAST
Route 0901
KENILWORTH AQUATIC GARDENS PARKING
FROM ANACOSTIA AVENUE NE
TO ROUTE 0401

Route Number	Public / NonPublic	Date Visited		Area (sq ft)	Lane Miles *	Surface Type
0901	PUBLIC	12/2/2008		38,114	0.66	AS
Culverts	**Drop Inlets**	**Gates**	**Fire Hydrants**	**Curb & Gutter**	**Curb**	**PCR**
0	4	1	0	CONCRETE CURB AND GUTTER	NO CURB	FAIR/73

* Lane miles are based on 11' lane widths



290 145 0 290
Feet

NATIONAL CAPITAL PARKS-EAST
Route 0902
KENILWORTH AQUATIC GARDENS MAINTENANCE AREA
FROM ROUTE 0401
TO PARKING

Route Number	Public / NonPublic	Date Visited		Area (sq ft)	Lane Miles *	Surface Type
0902	NONPUBLIC	12/2/2008		634	0.01	AS
Culverts	**Drop Inlets**	**Gates**	**Fire Hydrants**	**Curb & Gutter**	**Curb**	**PCR**
0	0	0	0	NO CURB AND GUTTER	NO CURB	POOR/45

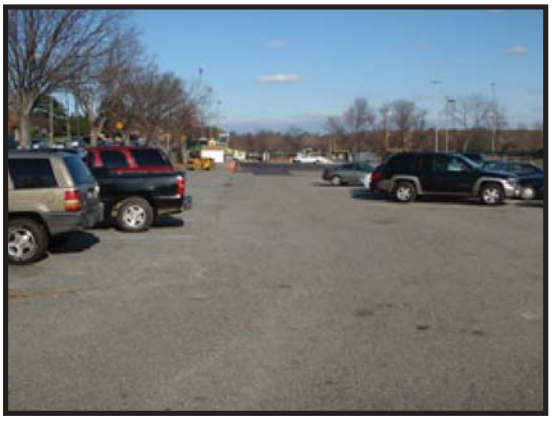
* Lane miles are based on 11' lane widths

210 105 0 210
Feet

NATIONAL CAPITAL PARKS-EAST
Route 0905
LANGSTON GOLF COURSE PARKING
FROM 26TH STREET NE
TO PARKING

Route Number	Public / NonPublic	Date Visited		Area (sq ft)	Lane Miles *	Surface Type
0905	PUBLIC	12/2/2008		51,390	0.89	AS
Culverts	**Drop Inlets**	**Gates**	**Fire Hydrants**	**Curb & Gutter**	**Curb**	**PCR**
0	0	1	0	NO CURB AND GUTTER	CONCRETE CURB	POOR/45

* Lane miles are based on 11' lane widths



500 250 0 500
Feet

NATIONAL CAPITAL PARKS-EAST
Route 0906
KENILWORTH MAINTENANCE YARD

FROM ROUTE 0402 (KENILWORTH MAINTENANCE ACCESS) AT END TO PARKING

Route Number	Public / NonPublic	Date Visited		Area (sq ft)	Lane Miles *	Surface Type
0906	NONPUBLIC	12/2/2008		47,041	0.81	AS
Culverts	**Drop Inlets**	**Gates**	**Fire Hydrants**	**Curb & Gutter**	**Curb**	**PCR**
0	0	1	1	NO CURB AND GUTTER	ASPHALT CURB	POOR/45

* Lane miles are based on 11' lane widths

350 175 0 350 Feet

NATIONAL CAPITAL PARKS-EAST

Route 0907

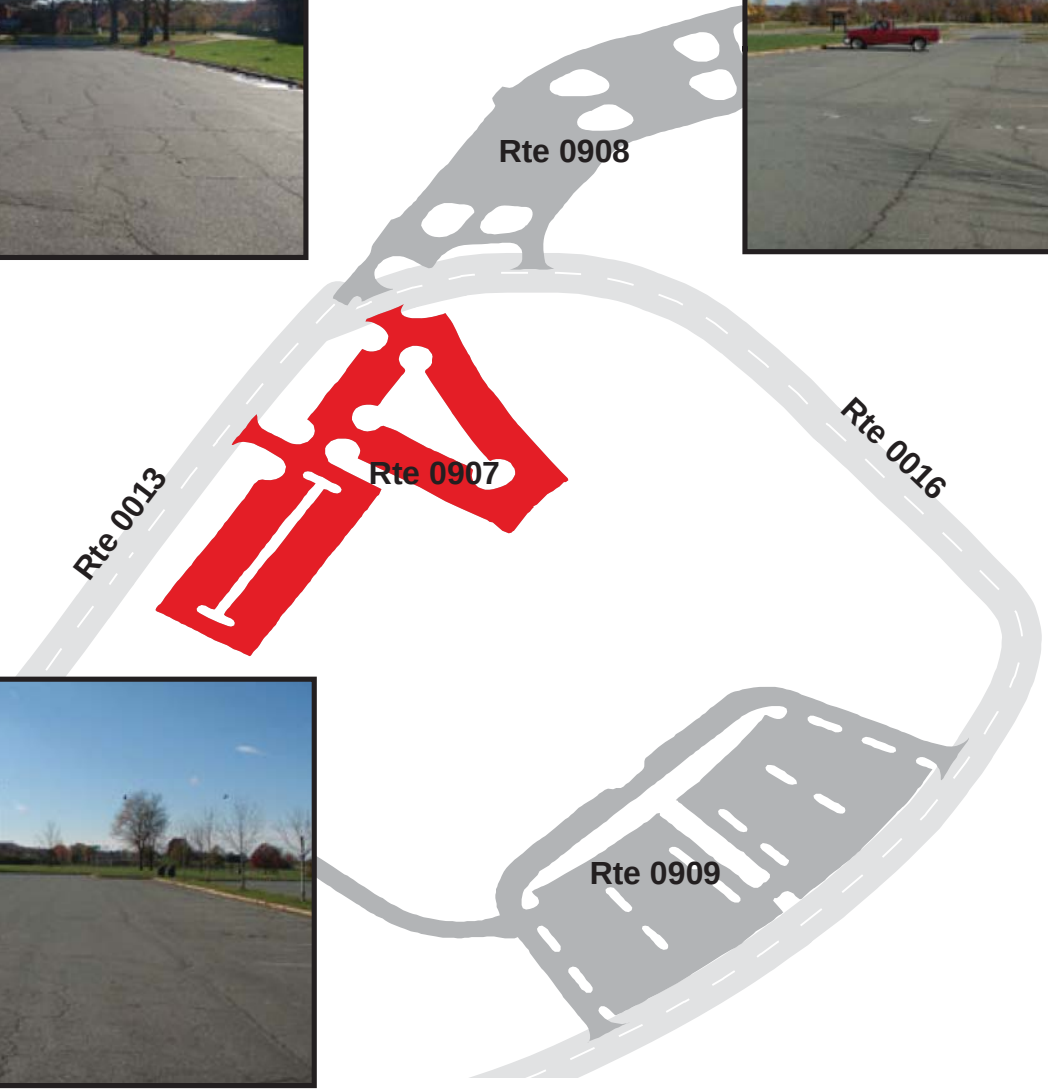
AQUATIC RESOURCES EDUCATION CENTER PARKING

FROM ROUTE 0016

TO ROUTE 0013

Route Number	Public / NonPublic	Date Visited		Area (sq ft)	Lane Miles *	Surface Type
0907	PUBLIC	11/19/2008		63,169	1.09	AS
Culverts	**Drop Inlets**	**Gates**	**Fire Hydrants**	**Curb & Gutter**	**Curb**	**PCR**
0	5	0	0	CONCRETE CURB AND GUTTER	CONCRETE CURB	FAIR/73

* Lane miles are based on 11' lane widths



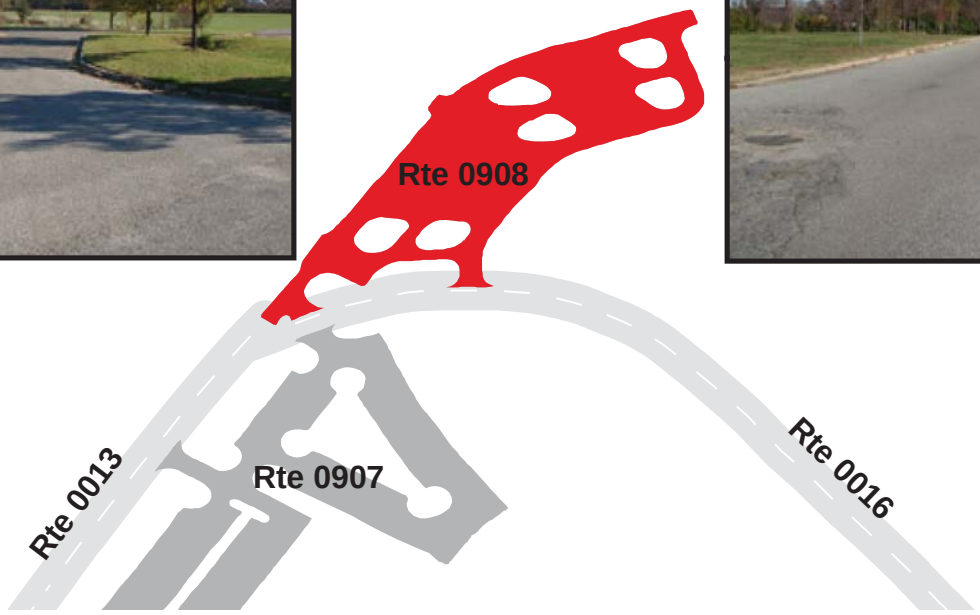
590 295 0 590 Feet

N

NATIONAL CAPITAL PARKS-EAST
Route 0908
ANACOSTIA BOAT RAMP PARKING
FROM ROUTES 0013 AND 0016
TO ROUTE 0114

Route Number	Public / NonPublic	Date Visited		Area (sq ft)	Lane Miles *	Surface Type
0908	PUBLIC	11/19/2008		54,059	0.93	AS
Culverts	**Drop Inlets**	**Gates**	**Fire Hydrants**	**Curb & Gutter**	**Curb**	**PCR**
1	2	0	0	CONCRETE CURB AND GUTTER	NO CURB	FAIR/73

* Lane miles are based on 11' lane widths



500 250 0 500
Feet

NATIONAL CAPITAL PARKS-EAST

Route 0909

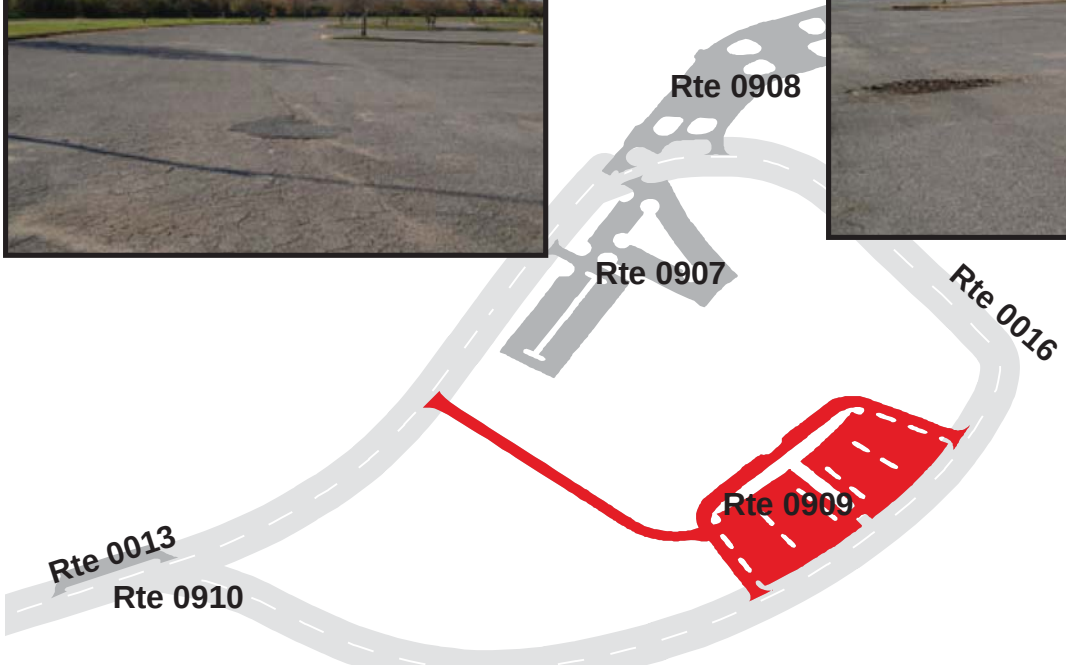
ANACOSTIA SKATE PARK PARKING

FROM ROUTE 0016

TO ROUTE 0013

Route Number	Public / NonPublic	Date Visited		Area (sq ft)	Lane Miles *	Surface Type
0909	PUBLIC	11/19/2008		115,510	1.99	AS
Culverts	**Drop Inlets**	**Gates**	**Fire Hydrants**	**Curb & Gutter**	**Curb**	**PCR**
0	2	0	0	CONCRETE CURB AND GUTTER	NO CURB	POOR/45

* Lane miles are based on 11' lane widths



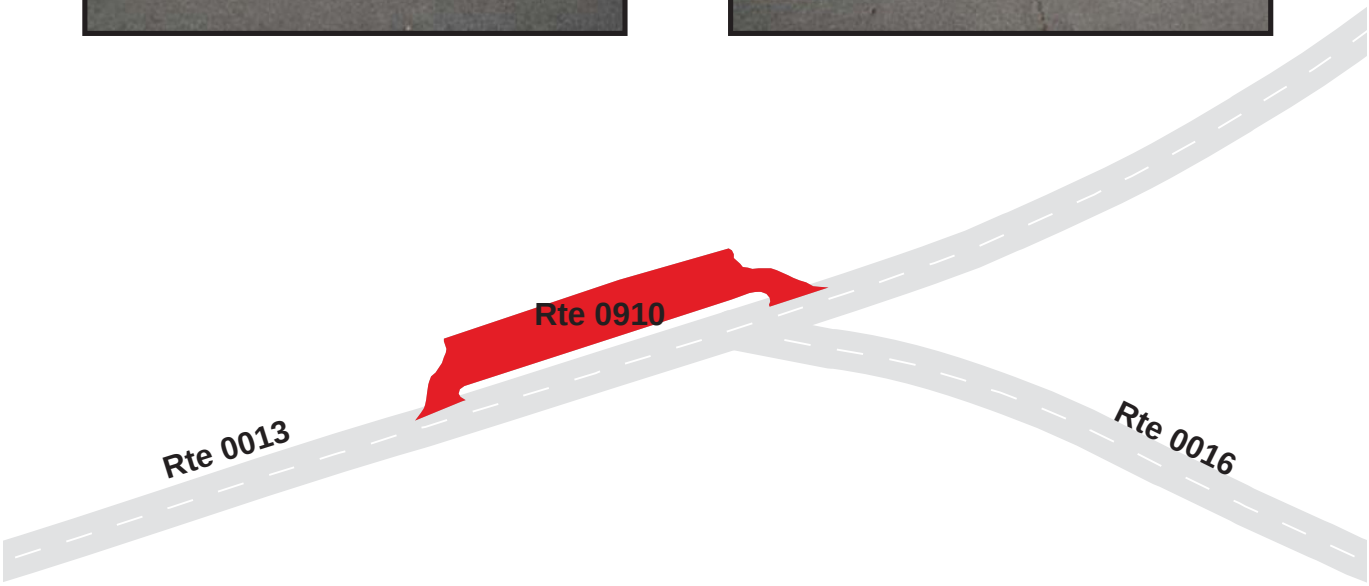
940 470 0 940 Feet

N

NATIONAL CAPITAL PARKS-EAST
Route 0910
ANACOSTIA RIVER PARKING
FROM ROUTE 0013
TO ROUTE 0013

Route Number	Public / NonPublic	Date Visited		Area (sq ft)	Lane Miles *	Surface Type
0910	PUBLIC	11/19/2008		8,021	0.14	AS
Culverts	**Drop Inlets**	**Gates**	**Fire Hydrants**	**Curb & Gutter**	**Curb**	**PCR**
0	1	0	0	CONCRETE CURB AND GUTTER	NO CURB	FAIR/73

* Lane miles are based on 11' lane widths



280 140 0 280 Feet

NATIONAL CAPITAL PARKS-EAST

Route 0911

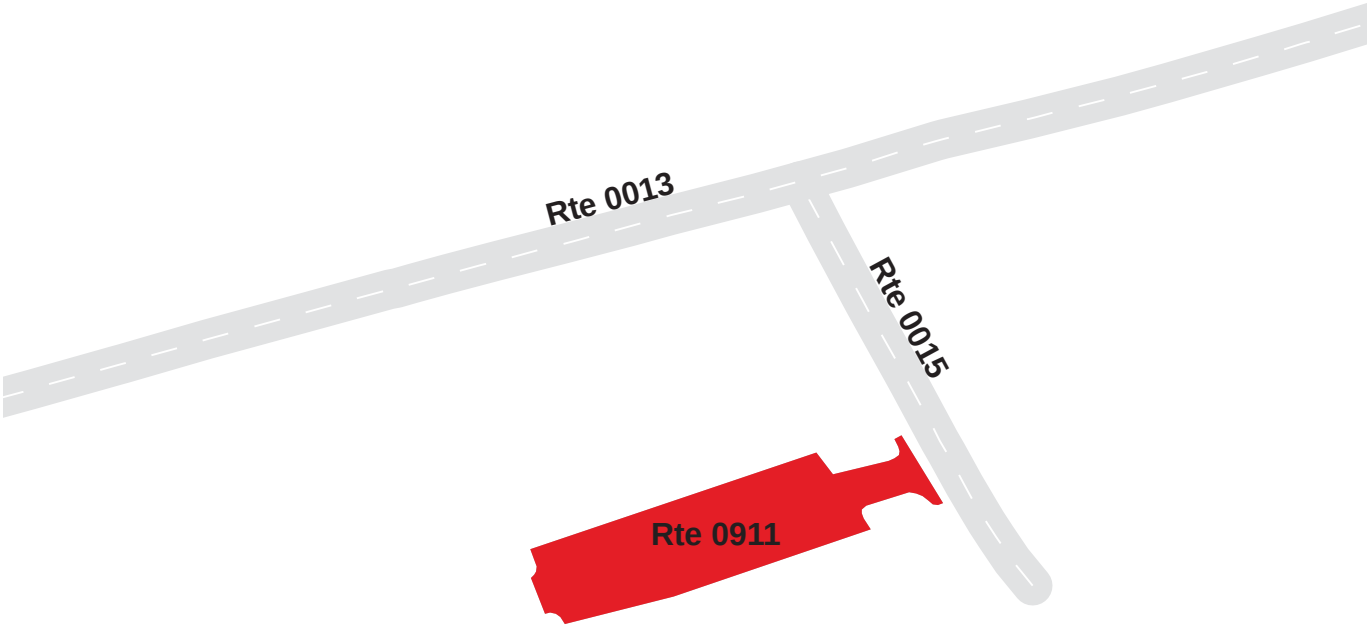
PARK NODE PARKING

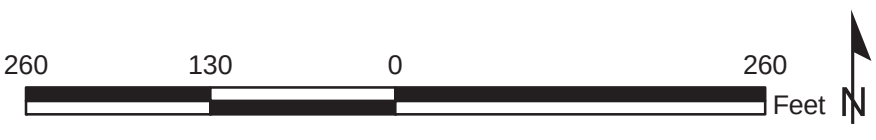
FROM ROUTE 0015

TO PARKING

Route Number	Public / NonPublic	Date Visited		Area (sq ft)	Lane Miles *	Surface Type
0911	PUBLIC	11/19/2008		12,249	0.21	AS
Culverts	**Drop Inlets**	**Gates**	**Fire Hydrants**	**Curb & Gutter**	**Curb**	**PCR**
0	0	0	0	NO CURB AND GUTTER	NO CURB	FAIR/73

* Lane miles are based on 11' lane widths

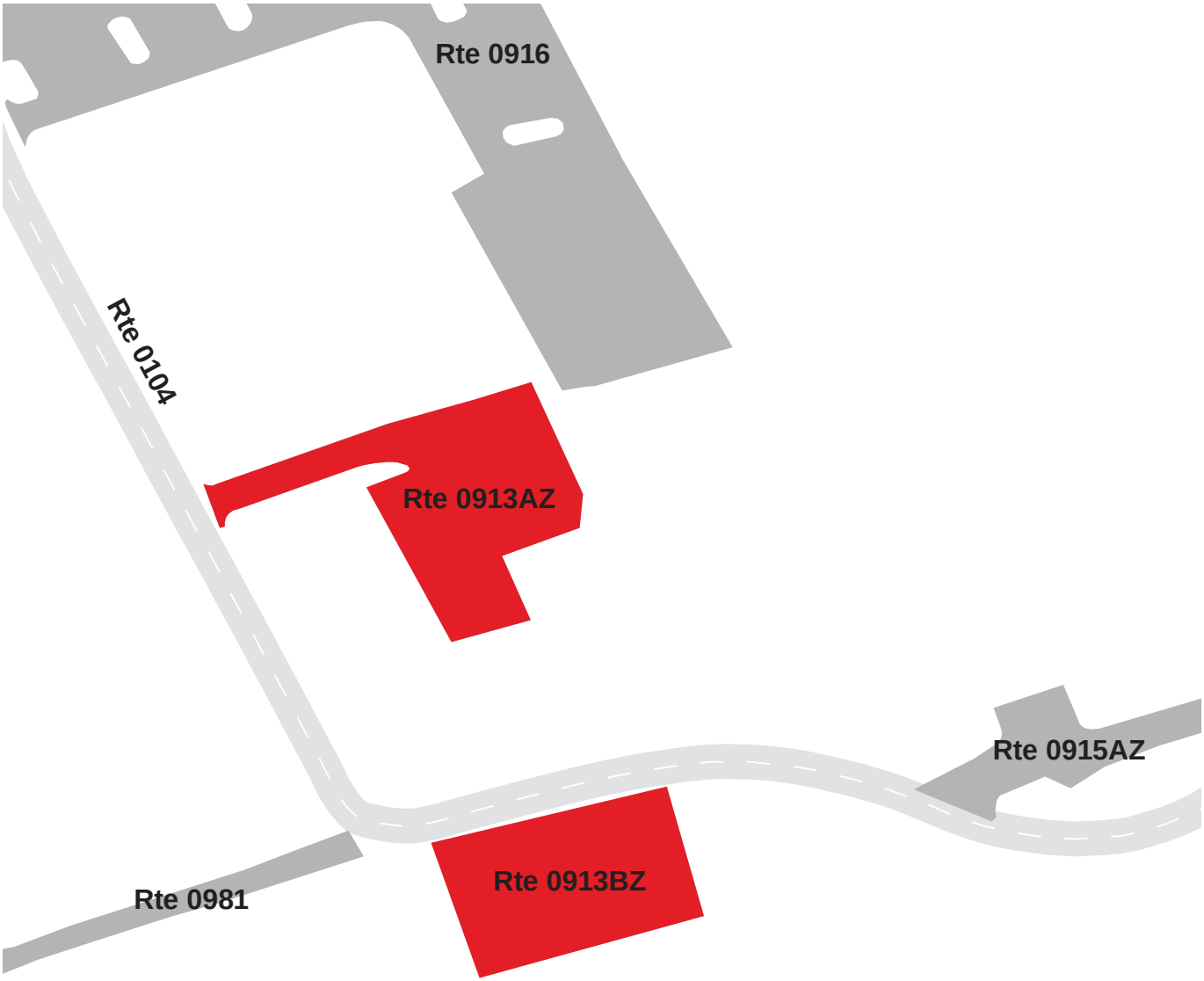




NATIONAL CAPITAL PARKS-EAST
Route 0913ZZ
NACE PARK HEADQUARTERS PARKING AREAS
FROM ROUTE 0104
TO PARKING
Summary Record

Route Number	Public / NonPublic	Date Visited		Area (sq ft)	Lane Miles *	Surface Type
0913ZZ	NONPUBLIC	11/19/2008		32,294	0.56	AS
Culverts	**Drop Inlets**	**Gates**	**Fire Hydrants**	**Curb & Gutter**	**Curb**	**PCR**
0	0	0	0	NO CURB AND GUTTER	NO CURB	SUMMARY/60.31

* Lane miles are based on 11' lane widths



220 110 0 220
Feet

NATIONAL CAPITAL PARKS-EAST
Route 0913AZ
NACE PARK HEADQUARTERS PARKING A
FROM ROUTE 0104 ON LEFT
TO PARKING
Subcomponent Record

Route Number	Public / NonPublic	Date Visited		Area (sq ft)	Lane Miles *	Surface Type
0913AZ	NONPUBLIC	11/19/2008		17,652	0.30	AS
Culverts	**Drop Inlets**	**Gates**	**Fire Hydrants**	**Curb & Gutter**	**Curb**	**PCR**
0	0	0	0	NO CURB AND GUTTER	NO CURB	FAIR/73

* Lane miles are based on 11' lane widths

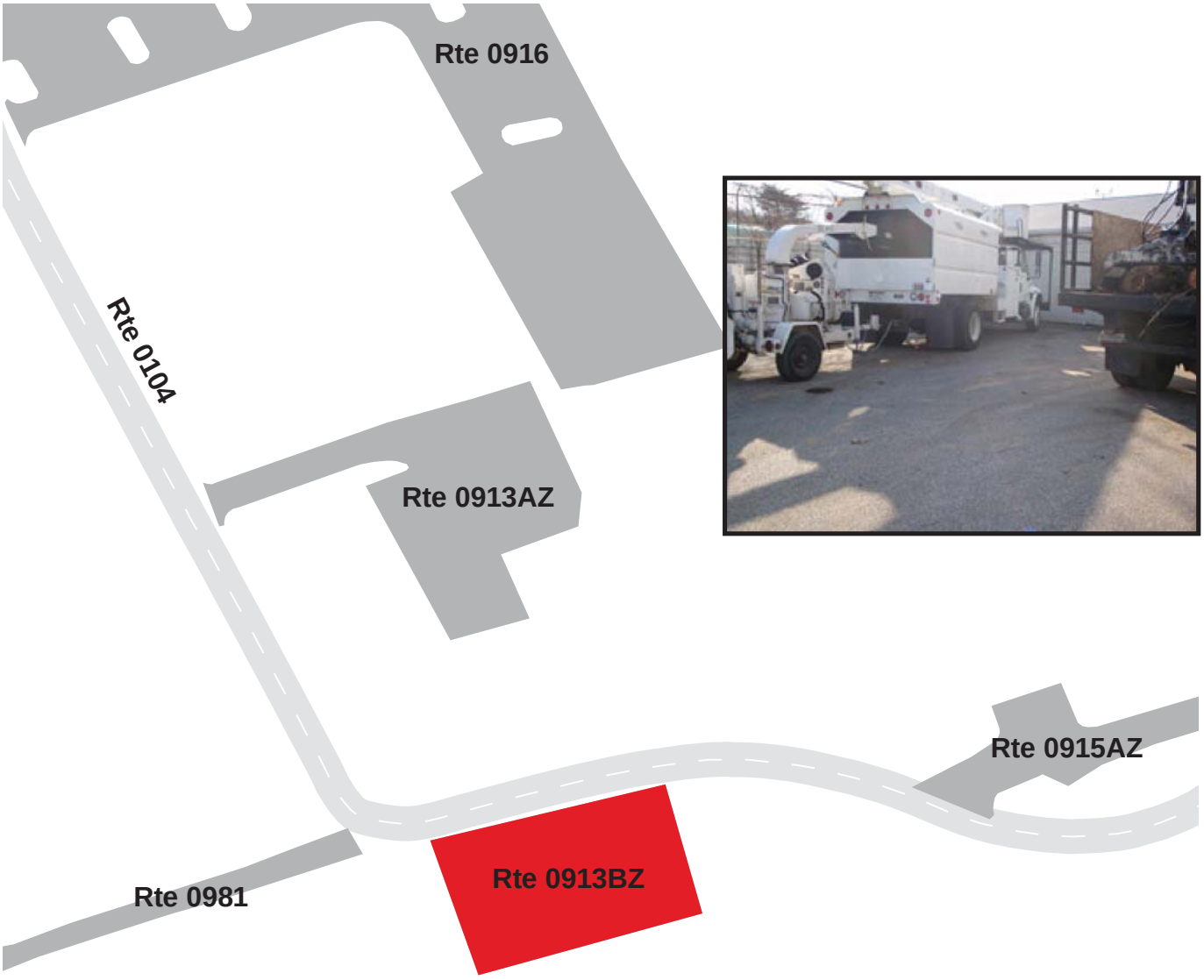
220 110 0 220
Feet

7-11

NATIONAL CAPITAL PARKS-EAST
Route 0913BZ
NACE PARK HEADQUARTERS PARKING B
FROM ROUTE 0104
TO PARKING
Subcomponent Record

Route Number	Public / NonPublic	Date Visited		Area (sq ft)	Lane Miles *	Surface Type
0913BZ	NONPUBLIC	11/19/2008		14,642	0.25	AS
Culverts	**Drop Inlets**	**Gates**	**Fire Hydrants**	**Curb & Gutter**	**Curb**	**PCR**
0	0	0	0	NO CURB AND GUTTER	NO CURB	POOR/45

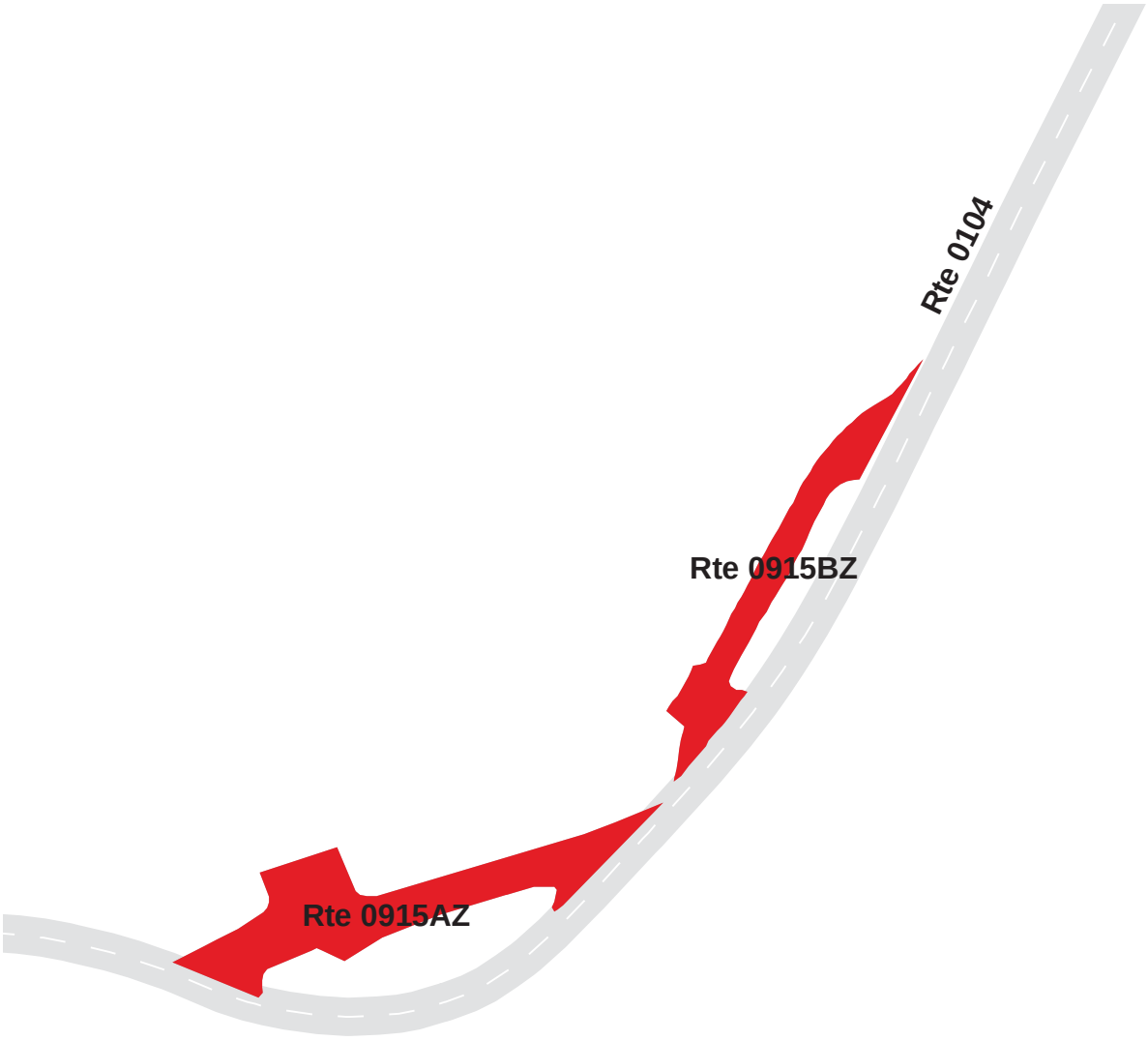
* Lane miles are based on 11' lane widths



NATIONAL CAPITAL PARKS-EAST
Route 0915ZZ
U.S. PARK POLICE HELIPAD PARKING AREAS
FROM ROUTE 0104
TO ROUTE 0104
Summary Record

Route Number	Public / NonPublic	Date Visited		Area (sq ft)	Lane Miles *	Surface Type
0915ZZ	NONPUBLIC	11/19/2008		14,251	0.25	AS
Culverts	**Drop Inlets**	**Gates**	**Fire Hydrants**	**Curb & Gutter**	**Curb**	**PCR**
0	1	0	1	NO CURB AND GUTTER	CONCRETE CURB	SUMMARY/61.73

* Lane miles are based on 11' lane widths

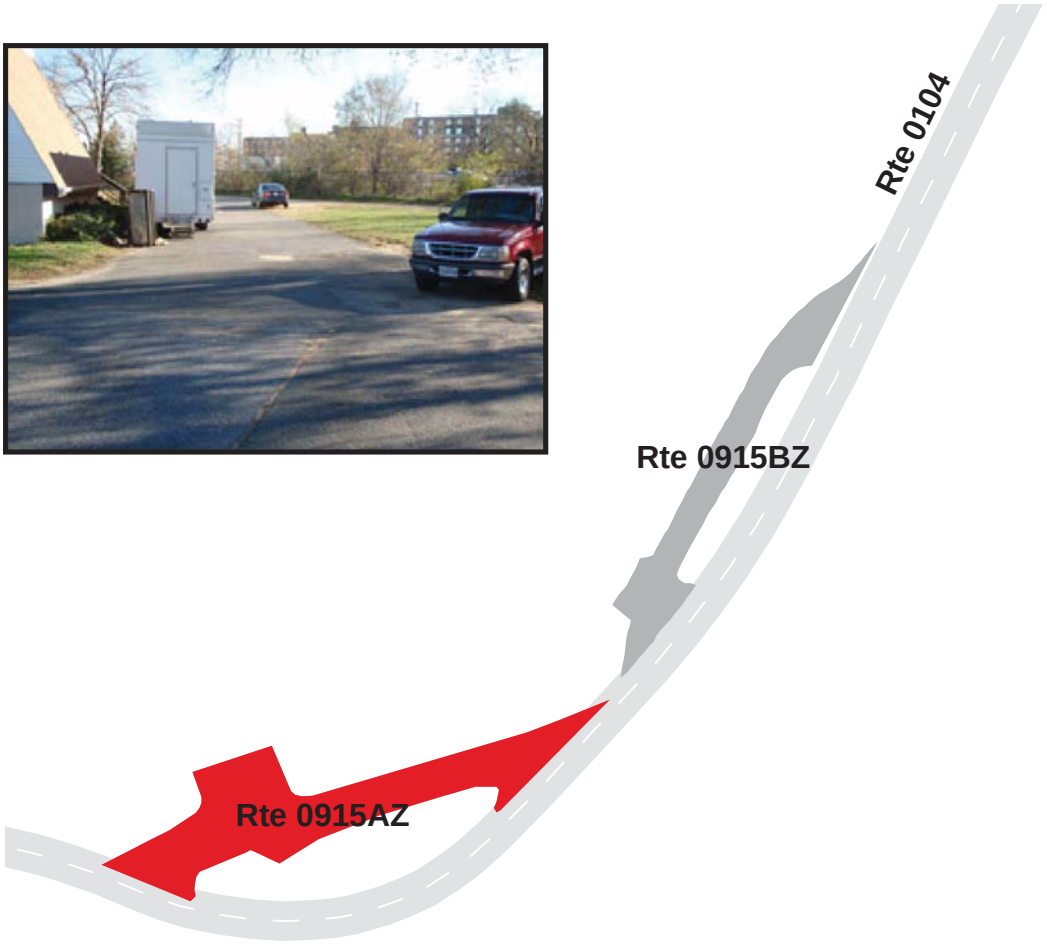


270 135 0 270
Feet

NATIONAL CAPITAL PARKS-EAST
Route 0915AZ
U.S. PARK POLICE HELIPAD PARKING
FROM ROUTE 0104
TO ROUTE 0104
Subcomponent Record

Route Number	Public / NonPublic	Date Visited		Area (sq ft)	Lane Miles *	Surface Type
0915AZ	NONPUBLIC	11/19/2008		8,954	0.15	AS
Culverts	**Drop Inlets**	**Gates**	**Fire Hydrants**	**Curb & Gutter**	**Curb**	**PCR**
0	0	0	0	NO CURB AND GUTTER	CONCRETE CURB	POOR/45

* Lane miles are based on 11' lane widths



250 125 0 250
Feet

NATIONAL CAPITAL PARKS-EAST
Route 0915BZ
U.S. PARK POLICE MOTORSHED PARKING
FROM ROUTE 0104
TO ROUTE 0104
Subcomponent Record

Route Number	Public / NonPublic	Date Visited		Area (sq ft)	Lane Miles *	Surface Type
0915BZ	NONPUBLIC	11/19/2008		5,297	0.09	AS
Culverts	**Drop Inlets**	**Gates**	**Fire Hydrants**	**Curb & Gutter**	**Curb**	**PCR**
0	1	0	1	NO CURB AND GUTTER	CONCRETE CURB	GOOD/90

* Lane miles are based on 11' lane widths

270 135 0 270
Feet

NATIONAL CAPITAL PARKS-EAST
Route 0916
U.S. PARK POLICE OFFICE PARKING
FROM ROUTE 0104
TO PARKING

Route Number	Public / NonPublic	Date Visited		Area (sq ft)	Lane Miles *	Surface Type
0916	NONPUBLIC	11/19/2008		53,911	0.93	AS
Culverts	**Drop Inlets**	**Gates**	**Fire Hydrants**	**Curb & Gutter**	**Curb**	**PCR**
0	3	0	1	CONCRETE CURB AND GUTTER	ASPHALT CURB	GOOD/90

* Lane miles are based on 11' lane widths

430 215 0 430 Feet

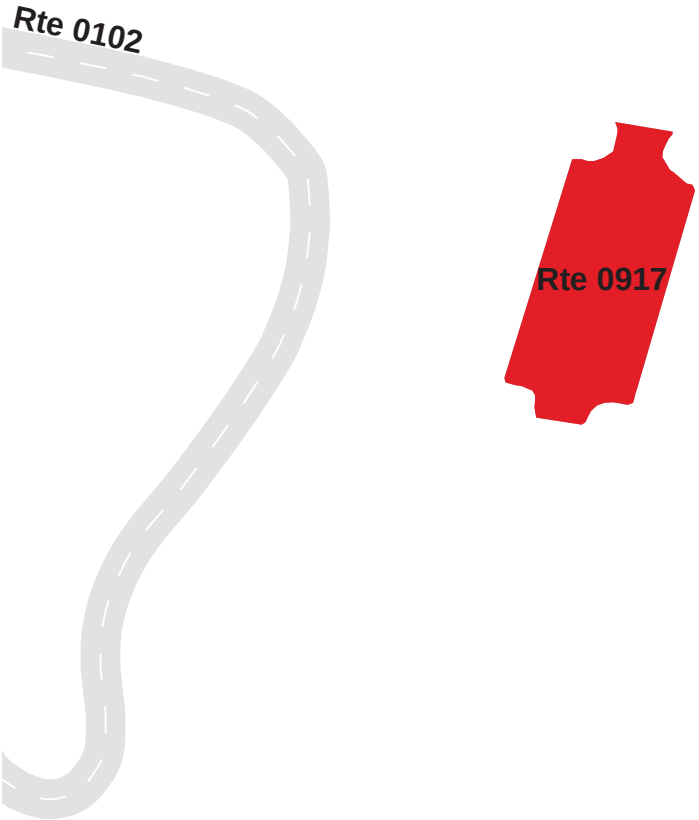
N

7-16

NATIONAL CAPITAL PARKS-EAST
Route 0917
FREDERICK DOUGLAS S HOME PARKING
FROM W STREET SE
TO PARKING

Route Number	Public / NonPublic	Date Visited		Area (sq ft)	Lane Miles *	Surface Type
0917	PUBLIC	12/1/2008		10,077	0.17	AS
Culverts	**Drop Inlets**	**Gates**	**Fire Hydrants**	**Curb & Gutter**	**Curb**	**PCR**
0	1	0	0	NO CURB AND GUTTER	CONCRETE CURB	GOOD/90

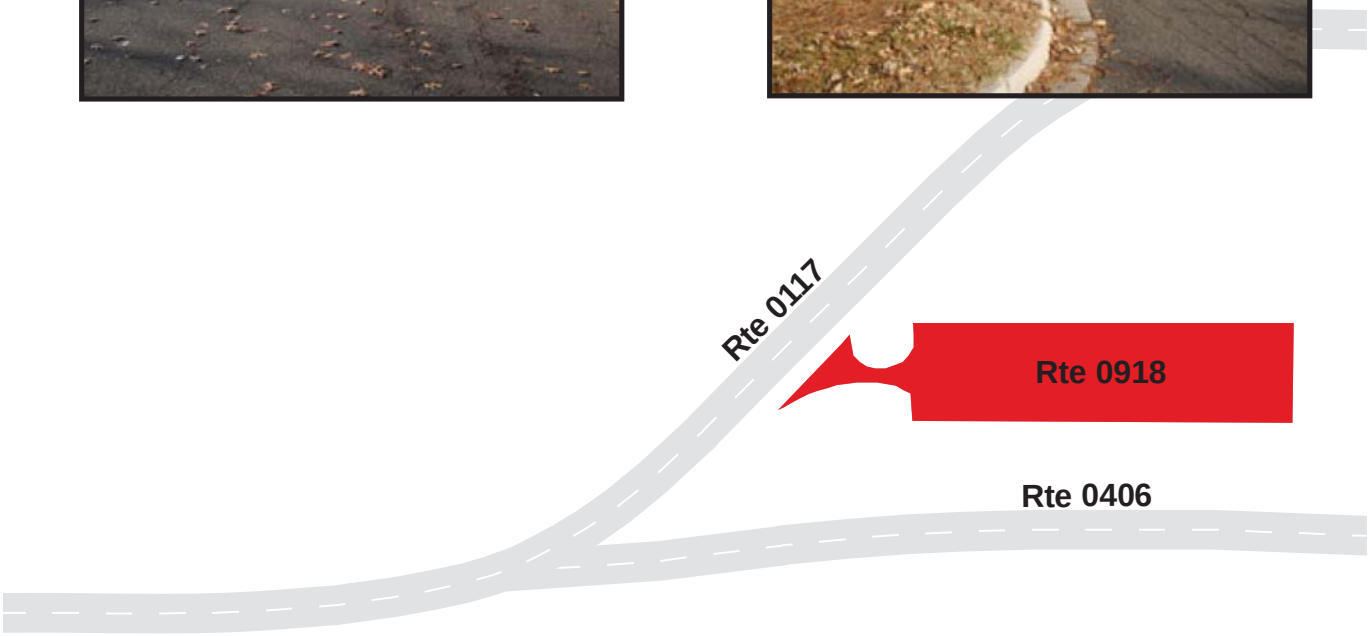
* Lane miles are based on 11' lane widths

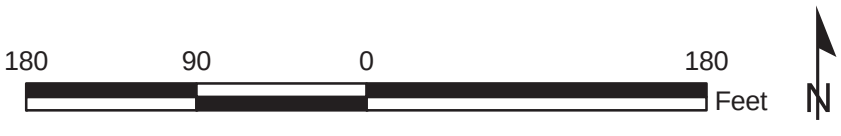


NATIONAL CAPITAL PARKS-EAST
Route 0918
FT. DUPONT MAINTENANCE YARD PARKING
FROM ROUTE 0117
TO PARKING

Route Number	Public / NonPublic	Date Visited		Area (sq ft)	Lane Miles *	Surface Type
0918	NONPUBLIC	11/19/2008		8,849	0.15	AS
Culverts	**Drop Inlets**	**Gates**	**Fire Hydrants**	**Curb & Gutter**	**Curb**	**PCR**
0	1	0	0	NO CURB AND GUTTER	CONCRETE CURB	FAIR/73

* Lane miles are based on 11' lane widths

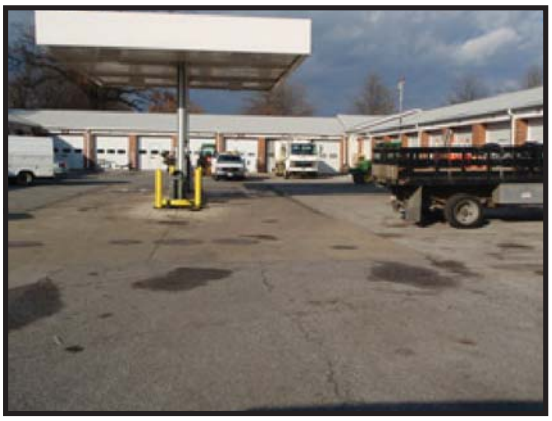


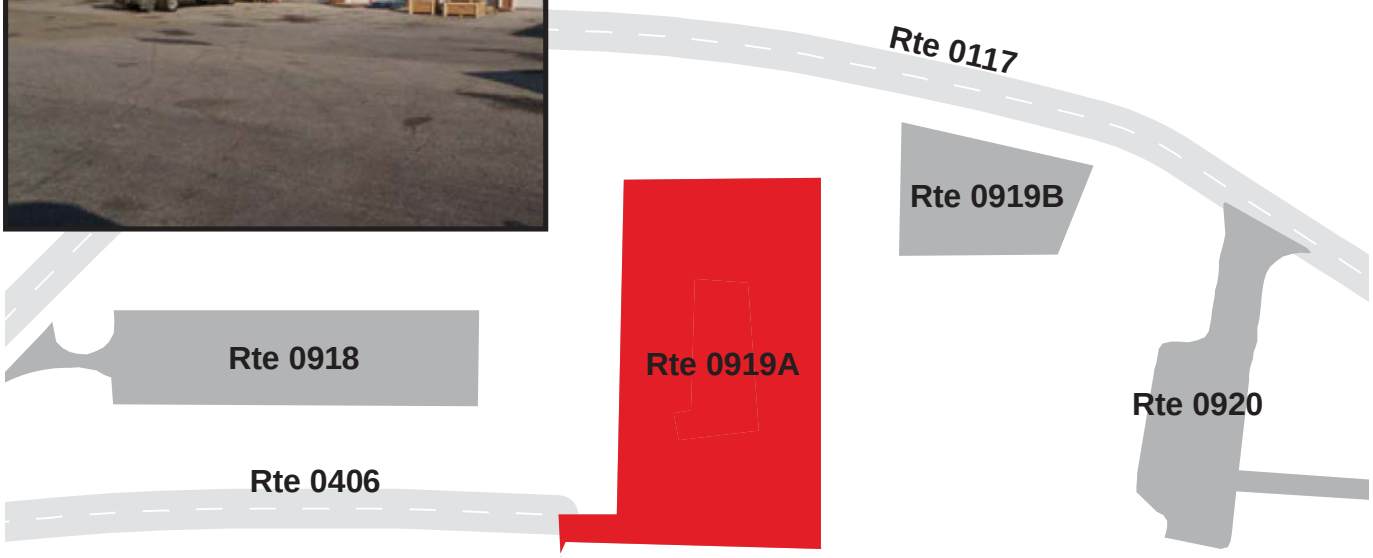


NATIONAL CAPITAL PARKS-EAST
Route 0919A
FT. DUPONT MAINTENANCE AREA A
FROM END OF ROUTE 0406
TO PARKING

Route Number	Public / NonPublic	Date Visited		Area (sq ft)	Lane Miles *	Surface Type
0919A	NONPUBLIC	12/1/2008		17,845	0.31	AS
Culverts	**Drop Inlets**	**Gates**	**Fire Hydrants**	**Curb & Gutter**	**Curb**	**PCR**
0	1	0	0	NO CURB AND GUTTER	NO CURB	FAIR/73

* Lane miles are based on 11' lane widths

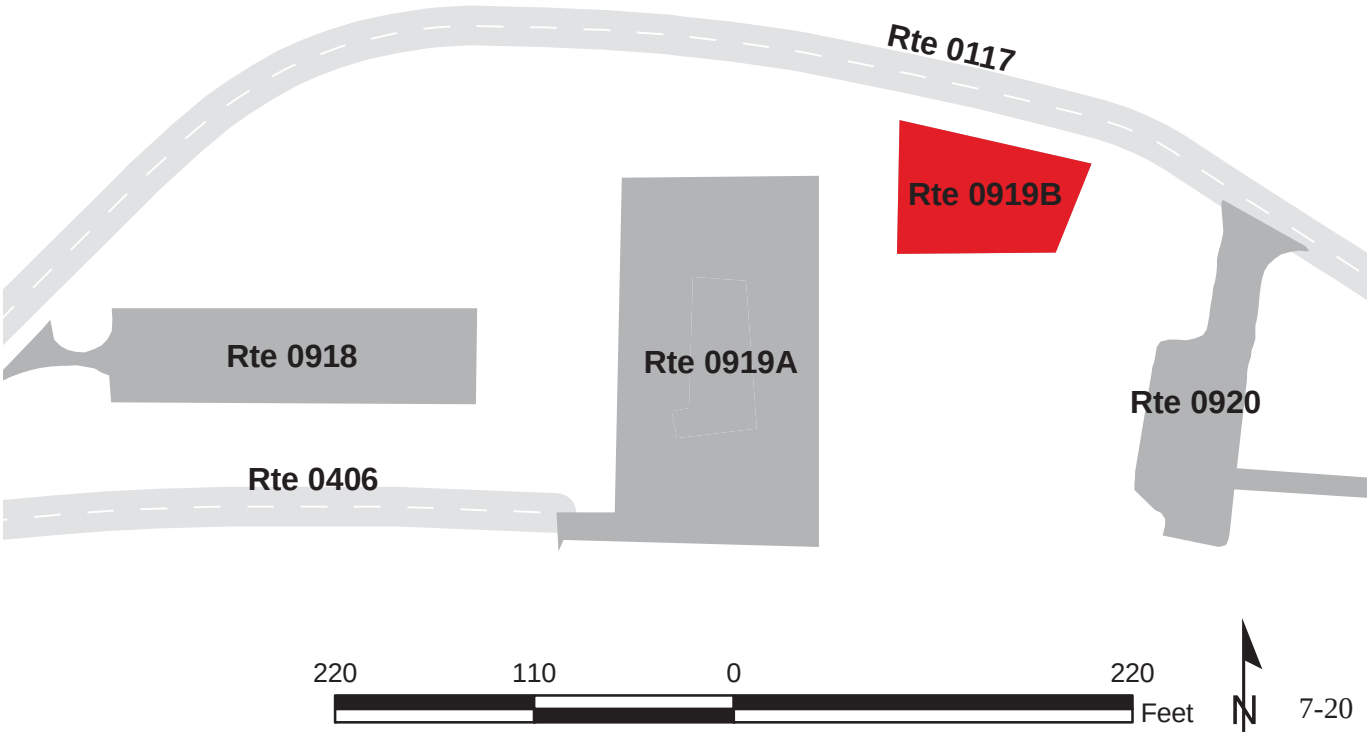




NATIONAL CAPITAL PARKS-EAST
Route 0919B
FT. DUPONT MAINTENANCE AREA B
FROM ROUTE 0117
TO PARKING

Route Number	Public / NonPublic	Date Visited		Area (sq ft)	Lane Miles *	Surface Type
0919B	NONPUBLIC	12/1/2008		4,733	0.08	AS
Culverts	**Drop Inlets**	**Gates**	**Fire Hydrants**	**Curb & Gutter**	**Curb**	**PCR**
0	0	0	0	NO CURB AND GUTTER	NO CURB	FAIR/73

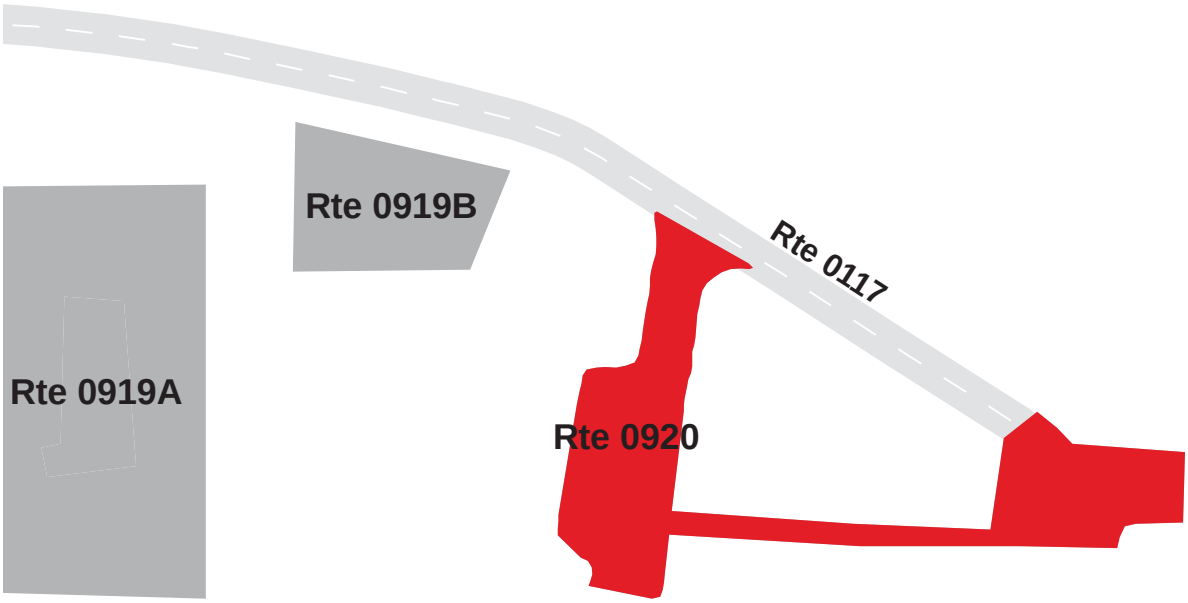
* Lane miles are based on 11' lane widths



NATIONAL CAPITAL PARKS-EAST
Route 0920
FT. DUPONT U.S. PARK POLICE HORSE MOUNTED UNIT PARKING AREA
FROM ROUTE 0117
TO END ROUTE 0117

Route Number	Public / NonPublic	Date Visited		Area (sq ft)	Lane Miles *	Surface Type
0920	NONPUBLIC	12/1/2008		10,907	0.19	AS
Culverts	**Drop Inlets**	**Gates**	**Fire Hydrants**	**Curb & Gutter**	**Curb**	**PCR**
0	0	0	0	NO CURB AND GUTTER	NO CURB	POOR/45

* Lane miles are based on 11' lane widths



180 90 0 180
Feet

NATIONAL CAPITAL PARKS-EAST
Route 0921
FT. DUPONT ICE SKATING RINK PARKING
FROM ELY PLACE SE
TO PARKING

Route Number	Public / NonPublic	Date Visited		Area (sq ft)	Lane Miles *	Surface Type
0921	PUBLIC	12/1/2008		76,687	1.32	AS
Culverts	**Drop Inlets**	**Gates**	**Fire Hydrants**	**Curb & Gutter**	**Curb**	**PCR**
0	4	1	0	CONCRETE CURB AND GUTTER	NO CURB	FAIR/73

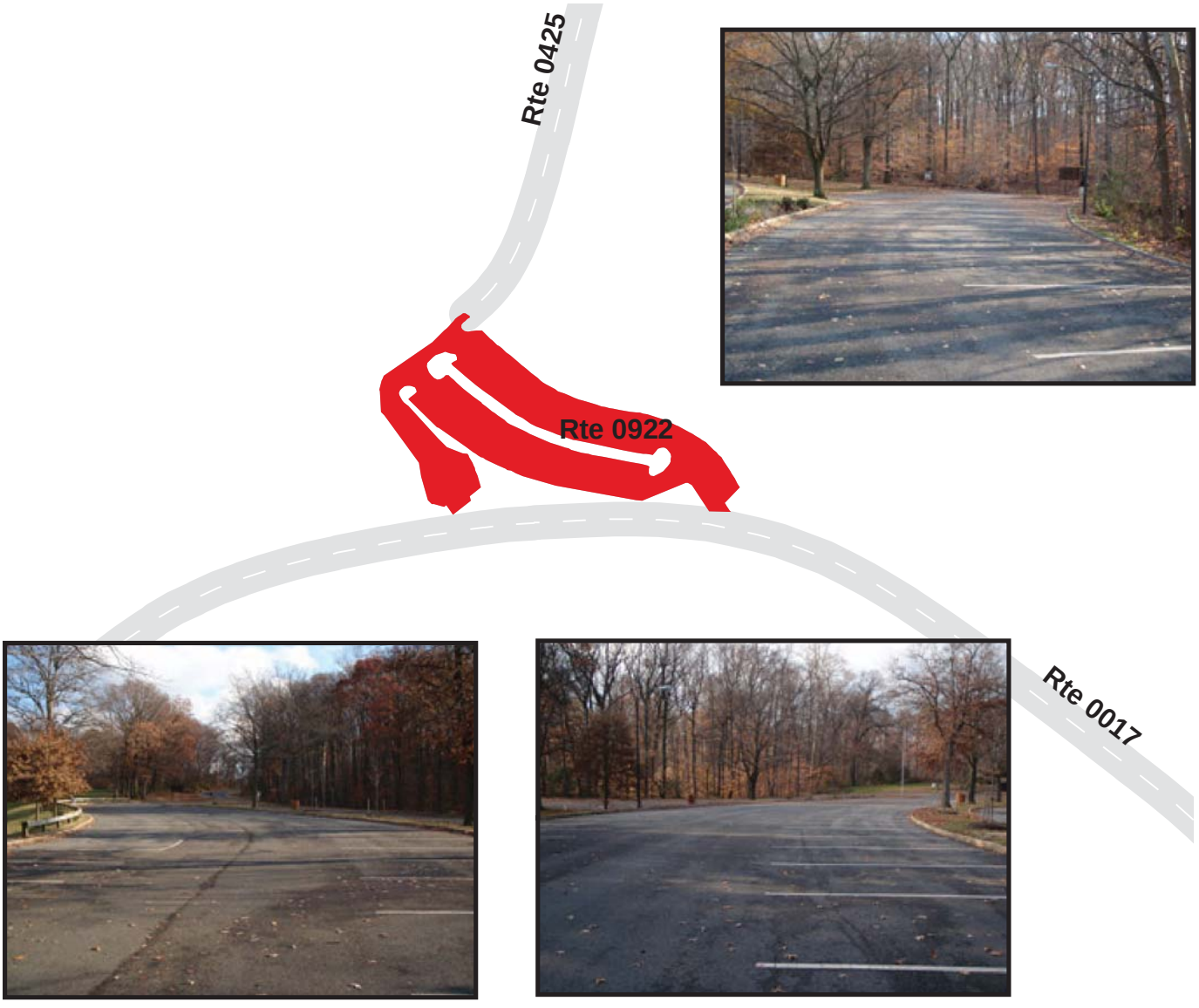
* Lane miles are based on 11' lane widths

360 180 0 360
Feet

NATIONAL CAPITAL PARKS-EAST
Route 0922
FT. DUPONT ACTIVITY CENTER PARKING
FROM ROUTE 0017 (FORT DUPONT DRIVE) AT MP 0.21 (ON LEFT)
TO ROUTE 0425 (FT DUPONT SUMMER THEATRE SERVICE ROAD) AT END

Route Number	Public / NonPublic	Date Visited		Area (sq ft)	Lane Miles *	Surface Type
0922	PUBLIC	12/1/2008		42,964	0.74	AS
Culverts	**Drop Inlets**	**Gates**	**Fire Hydrants**	**Curb & Gutter**	**Curb**	**PCR**
0	3	0	0	NO CURB AND GUTTER	CONCRETE CURB	FAIR/73

* Lane miles are based on 11' lane widths



430 215 0 430 Feet

NATIONAL CAPITAL PARKS-EAST
Route 0923
BUZZARD POINT MARINA (U/P)
FROM WATER STREET SW AT END
TO PARKING

Route Number	Public / NonPublic	Date Visited		Area (sq ft)	Lane Miles *	Surface Type
0923	PUBLIC	12/1/2008		10,489	0.18	CO
Culverts	**Drop Inlets**	**Gates**	**Fire Hydrants**	**Curb & Gutter**	**Curb**	**PCR**
0	0	0	0	NO CURB AND GUTTER	NO CURB	POOR/45

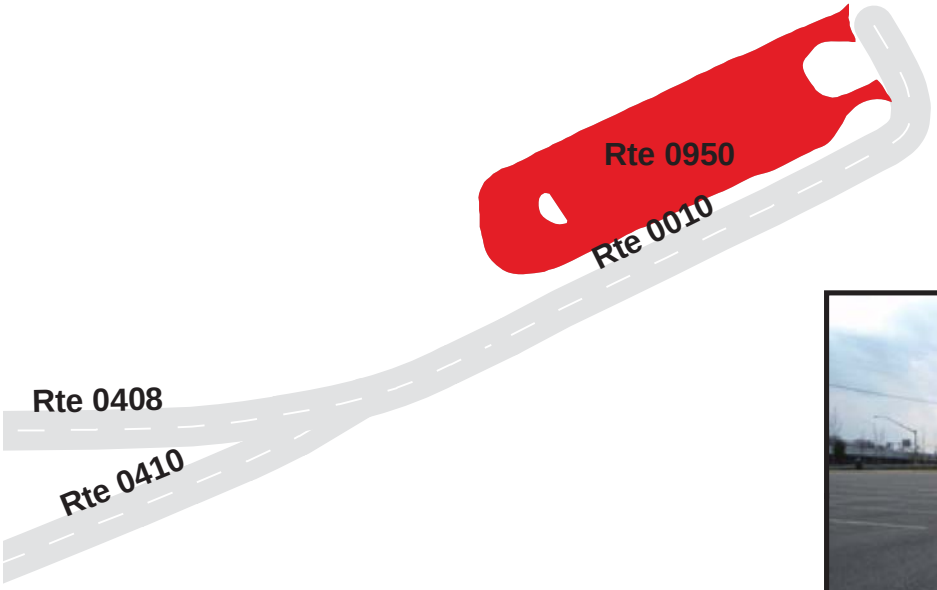
* Lane miles are based on 11' lane widths

180 90 0 180
Feet

NATIONAL CAPITAL PARKS-EAST
Route 0950
OXEN HILL VISITORS CENTER PARKING
FROM ROUTE 0010
TO ROUTE 0010

Route Number	Public / NonPublic	Date Visited		Area (sq ft)	Lane Miles *	Surface Type
0950	PUBLIC	12/1/2008		40,185	0.69	AS
Culverts	**Drop Inlets**	**Gates**	**Fire Hydrants**	**Curb & Gutter**	**Curb**	**PCR**
0	1	2	0	NO CURB AND GUTTER	NO CURB	GOOD/90

* Lane miles are based on 11' lane widths



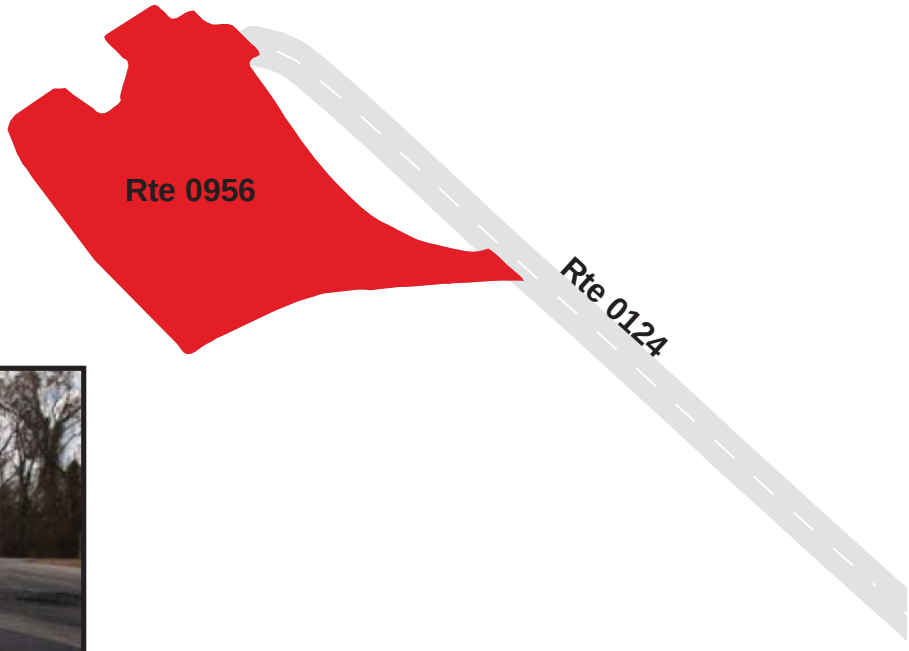
390 195 0 390
Feet

7-25

NATIONAL CAPITAL PARKS-EAST
Route 0956
MARSHALL HALL BOAT RAMP PARKING
FROM END OF ROUTE 0124
TO ROUTE 0124

Route Number	Public / NonPublic	Date Visited		Area (sq ft)	Lane Miles *	Surface Type
0956	PUBLIC	12/1/2008		47,568	0.82	AS
Culverts	**Drop Inlets**	**Gates**	**Fire Hydrants**	**Curb & Gutter**	**Curb**	**PCR**
1	0	0	0	NO CURB AND GUTTER	NO CURB	FAIR/73

* Lane miles are based on 11' lane widths



310 155 0 310 Feet

NATIONAL CAPITAL PARKS-EAST

Route 0967

FORT DUPONT ICE SKATING RINK SERVICE PARKING

FROM ELY PLACE SE

TO PARKING

Route Number	Public / NonPublic	Date Visited		Area (sq ft)	Lane Miles *	Surface Type
0967	NONPUBLIC	12/1/2008		3,985	0.07	AS
Culverts	**Drop Inlets**	**Gates**	**Fire Hydrants**	**Curb & Gutter**	**Curb**	**PCR**
0	0	1	0	NO CURB AND GUTTER	NO CURB	POOR/45

* Lane miles are based on 11' lane widths

150 75 0 150

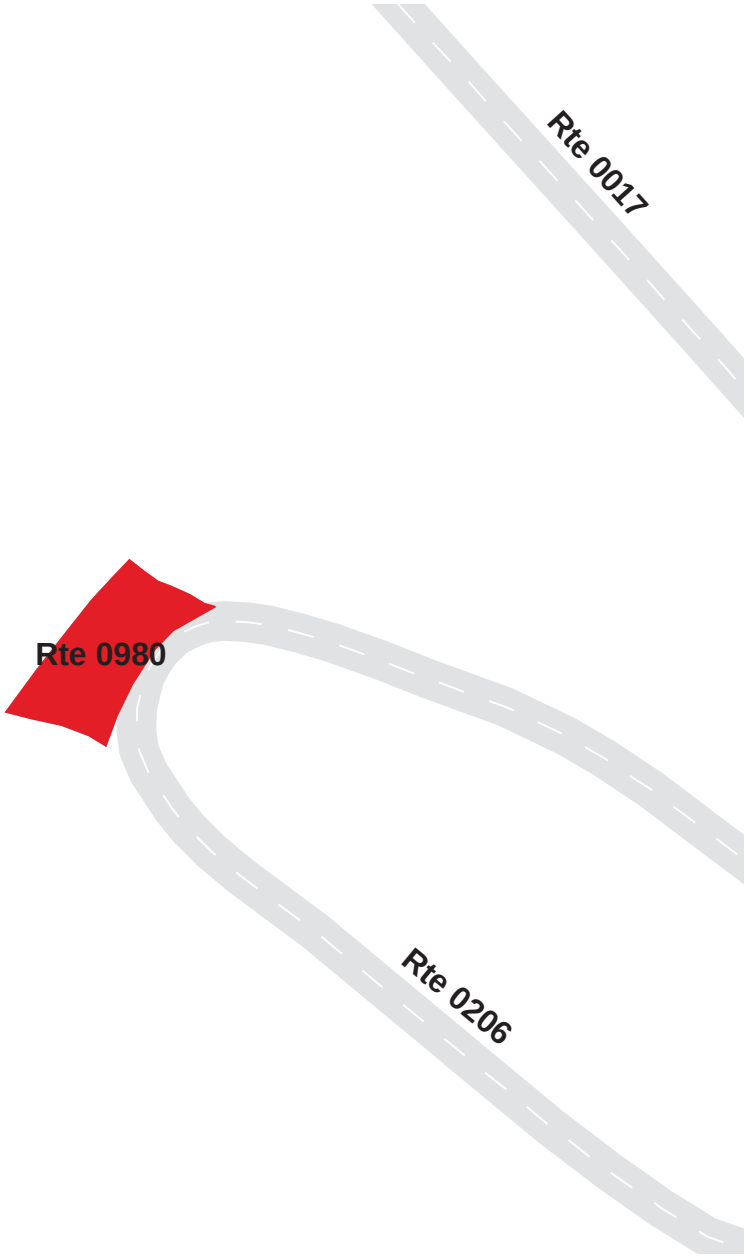
Feet

N

NATIONAL CAPITAL PARKS-EAST
Route 0980
RIDGE PICNIC AREA PARKING
ADJACENT TO ROUTE 0206 (RIDGE PICNIC AREA LOOP) AT MP 0.04 (ON RIGHT)

Route Number	Public / NonPublic	Date Visited		Area (sq ft)	Lane Miles *	Surface Type
0980	PUBLIC	12/1/2008		1,297	0.02	AS
Culverts	**Drop Inlets**	**Gates**	**Fire Hydrants**	**Curb & Gutter**	**Curb**	**PCR**
0	0	0	0	NO CURB AND GUTTER	ASPHALT CURB	POOR/45

* Lane miles are based on 11' lane widths



120 60 0 120
Feet

NATIONAL CAPITAL PARKS-EAST
Route 0981
U.S. PARK POLICE IMPOUND PARKING

FROM ROUTE 0104 (HEADQUARTERS ACCESS) AT MP 0.08 (ON RIGHT)
TO ROUTE 0104 (HEADQUARTERS ACCESS) AT MP 0.18 (ON RIGHT)

Route Number	Public / NonPublic	Date Visited		Area (sq ft)	Lane Miles *	Surface Type
0981	NONPUBLIC	11/19/2008		22,511	0.39	AS
Culverts	**Drop Inlets**	**Gates**	**Fire Hydrants**	**Curb & Gutter**	**Curb**	**PCR**
0	1	0	0	NO CURB AND GUTTER	NO CURB	POOR/45

* Lane miles are based on 11' lane widths

National Capital Parks - East

Section 8
Parkwide / Route Maintenance
Features Summaries

NACE: PARKWIDE MAINTENANCE FEATURES SUMMARY

Notice: Drop Inlets along ARAN-driven routes were NOT marked by NPS nor were they inventoried by RIP. Culverts that lack a BIP assigned Structure Number along ARAN-driven routes were NOT marked by NPS nor were they inventoried by RIP. Culverts that have a BIP assigned Structure Number along ARAN-driven routes were marked by NPS and were inventoried by RIP. Culverts and Drop Inlets that are associated with Manually Rated Routes and Paved Parking Areas are included in the Cycle 4 counts. To view the Cycle 3 culvert and drop inlet inventory, please refer to the Cycle 3 RIP Report.

FEATURE	LINEAR FEET	COUNT
BARRIER	4,345	--
BOLLARD	1,526	--
BRIDGE	--	0
CABLE	0	--
CATTLE GUARD	--	0
CULVERT	--	3
CURB	31,701	--
DROP INLET	--	30
FIRE HYDRANT	--	17
GATE	--	27
GUARD/GUIDE RAIL	2,820	--
GUARD/GUIDE WALL	1,526	--
INTERSECTION	--	184
LOW WATER CROSSING	0	0
MILE MARKER	--	0
OVERPASS	--	4
OVERHEAD SIGN	--	1
PARK BOUNDARY	--	8
PAVED DITCH	5,766	--
PULLOUT	--	21
RAILROAD CROSSING	--	0
RETAINING WALL	0	0
SIGN	--	307
STATE BOUNDARY	--	0
TEMPORARY BARRIER	0	--
TRAFFIC LIGHT	--	1
TUNNEL	0	0
TURNOUT	0	--

NACE: ROUTE MAINTENANCE FEATURES SUMMARY

FEATURE	ROUTE 0010 OXON HILL VISITOR CENTER ENTRANCE ROAD	ROUTE 0012 KENILWORTH PARK ACCESS	ROUTE 0013 ANACOSTIA DRIVE	ROUTE 0014 GOOD HOPE ROAD	ROUTE 0015 22ND STREET	ROUTE 0016 LOOP ROAD	UNIT
BARRIER	449	53	407	0	0	0	LINEAR FEET
BOLLARD	0	53	0	0	0	0	LINEAR FEET
BRIDGE	0	0	0	0	0	0	EACH
CABLE	0	0	0	0	0	0	LINEAR FEET
CATTLE GUARD	0	0	0	0	0	0	EACH
CULVERT	0	0	0	0	0	0	EACH
CURB	0	0	21,125	644	623	623	LINEAR FEET
DROP INLET	0	0	0	0	0	0	EACH
FIRE HYDRANT	0	3	2	0	0	0	EACH
GATE	2	1	2	1	0	0	EACH
GUARD/GUIDE RAIL	449	0	407	0	0	0	LINEAR FEET
GUARD/GUIDE WALL	0	53	0	0	0	0	LINEAR FEET
INTERSECTION	5	4	19	4	4	10	EACH
LOW WATER CROSSING	0	0	0	0	0	0	EACH
LOW WATER CROSSING	0	0	0	0	0	0	LINEAR FEET
MILE MARKER	0	0	0	0	0	0	EACH
OVERHEAD SIGN	0	0	0	0	1	0	EACH
OVERPASS	0	0	4	0	0	0	EACH
PARK BOUNDARY	0	0	0	1	1	0	EACH
PAVED DITCH	0	0	0	0	0	0	LINEAR FEET
PULLOUT	0	0	11	0	0	0	EACH
RAILROAD CROSSING	0	0	0	0	0	0	EACH
RETAINING WALL	0	0	0	0	0	0	EACH
RETAINING WALL	0	0	0	0	0	0	LINEAR FEET
SIGN	5	4	71	11	15	3	EACH
STATE BOUNDARY	0	0	0	0	0	0	EACH
TEMPORARY BARRIER	0	0	0	0	0	0	LINEAR FEET
TRAFFIC LIGHT	0	0	0	0	0	0	EACH
TUNNEL	0	0	0	0	0	0	EACH
TUNNEL	0	0	0	0	0	0	LINEAR FEET
TURNOUT	0	0	0	0	0	0	LINEAR FEET

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NACE: ROUTE MAINTENANCE FEATURES SUMMARY

FEATURE	ROUTE 0017 FORT DUPONT DRIVE	ROUTE 0018 FORT DAVIS DRIVE	ROUTE 0019 RIDGE PICNIC AREA ROAD	ROUTE 0102 FREDERICK DOUGLAS HOME ACCESS ROAD	ROUTE 0104 HEADQUARTERS ACCESS	ROUTE 0105 ANACOSTIA POOL AND REC FACILITY ROAD	UNIT
BARRIER	591	1,104	1,220	0	148	0	LINEAR FEET
BOLLARD	201	0	1,220	0	53	0	LINEAR FEET
BRIDGE	0	0	0	0	0	0	EACH
CABLE	0	0	0	0	0	0	LINEAR FEET
CATTLE GUARD	0	0	0	0	0	0	EACH
CULVERT	0	0	0	0	0	0	EACH
CURB	1,114	412	570	1,964	496	0	LINEAR FEET
DROP INLET	0	0	0	0	0	0	EACH
FIRE HYDRANT	1	1	0	0	5	1	EACH
GATE	2	0	2	1	1	0	EACH
GUARD/GUIDE RAIL	391	1,104	0	0	95	0	LINEAR FEET
GUARD/GUIDE WALL	201	0	1,220	0	53	0	LINEAR FEET
INTERSECTION	8	9	6	5	21	7	EACH
LOW WATER CROSSING	0	0	0	0	0	0	EACH
LOW WATER CROSSING	0	0	0	0	0	0	LINEAR FEET
MILE MARKER	0	0	0	0	0	0	EACH
OVERHEAD SIGN	0	0	0	0	0	0	EACH
OVERPASS	0	0	0	0	0	0	EACH
PARK BOUNDARY	0	1	0	0	0	0	EACH
PAVED DITCH	1,220	496	1,410	0	0	0	LINEAR FEET
PULLOUT	0	0	8	2	0	0	EACH
RAILROAD CROSSING	0	0	0	0	0	0	EACH
RETAINING WALL	0	0	0	0	0	0	EACH
RETAINING WALL	0	0	0	0	0	0	LINEAR FEET
SIGN	33	28	9	3	31	10	EACH
STATE BOUNDARY	0	0	0	0	0	0	EACH
TEMPORARY BARRIER	0	0	0	0	0	0	LINEAR FEET
TRAFFIC LIGHT	0	0	0	0	0	0	EACH
TUNNEL	0	0	0	0	0	0	EACH
TUNNEL	0	0	0	0	0	0	LINEAR FEET
TURNOUT	0	0	0	0	0	0	LINEAR FEET

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NACE: ROUTE MAINTENANCE FEATURES SUMMARY

FEATURE	ROUTE 0108 FORT STANTON RESERVOIR ACCESS ROAD	ROUTE 0111 27TH STREET	ROUTE 0112 SAYLOR GROVE ROAD	ROUTE 0117 FT DUPONT MAINTENANCE ACCESS ROAD	ROUTE 0120 FARMINGTON LANDING ACCESS ROAD	ROUTE 0123 RIVER ROAD	UNIT
BARRIER	0	317	0	0	0	0	LINEAR FEET
BOLLARD	0	0	0	0	0	0	LINEAR FEET
BRIDGE	0	0	0	0	0	0	EACH
CABLE	0	0	0	0	0	0	LINEAR FEET
CATTLE GUARD	0	0	0	0	0	0	EACH
CULVERT	0	0	0	0	0	0	EACH
CURB	0	16	0	3,184	0	0	LINEAR FEET
DROP INLET	0	0	0	0	0	0	EACH
FIRE HYDRANT	0	0	0	0	0	0	EACH
GATE	2	0	2	0	1	0	EACH
GUARD/GUIDE RAIL	0	317	0	0	0	0	LINEAR FEET
GUARD/GUIDE WALL	0	0	0	0	0	0	LINEAR FEET
INTERSECTION	4	4	5	11	3	4	EACH
LOW WATER CROSSING	0	0	0	0	0	0	EACH
LOW WATER CROSSING	0	0	0	0	0	0	LINEAR FEET
MILE MARKER	0	0	0	0	0	0	EACH
OVERHEAD SIGN	0	0	0	0	0	0	EACH
OVERPASS	0	0	0	0	0	0	EACH
PARK BOUNDARY	0	1	1	0	1	1	EACH
PAVED DITCH	0	0	0	0	0	0	LINEAR FEET
PULLOUT	0	0	0	0	0	0	EACH
RAILROAD CROSSING	0	0	0	0	0	0	EACH
RETAINING WALL	0	0	0	0	0	0	EACH
RETAINING WALL	0	0	0	0	0	0	LINEAR FEET
SIGN	8	2	8	17	2	3	EACH
STATE BOUNDARY	0	0	0	0	0	0	EACH
TEMPORARY BARRIER	0	0	0	0	0	0	LINEAR FEET
TRAFFIC LIGHT	1	0	0	0	0	0	EACH
TUNNEL	0	0	0	0	0	0	EACH
TUNNEL	0	0	0	0	0	0	LINEAR FEET
TURNOUT	0	0	0	0	0	0	LINEAR FEET

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NACE: ROUTE MAINTENANCE FEATURES SUMMARY

FEATURE	ROUTE 0124 MARYLAND STATE HWY 227	ROUTE 0206 RIDGE PICNIC AREA LOOP	ROUTE 0300 MARSHALL HALL ACCESS ROAD	ROUTE 0301 MARSHALL HALL LOOP ROAD	ROUTE 0402 KENILWORTH MAINTENANCE ACCESS	ROUTE 0404 RIVER TERRACE ROAD	UNIT
BARRIER	0	0	58	0	0	0	LINEAR FEET
BOLLARD	0	0	0	0	0	0	LINEAR FEET
BRIDGE	0	0	0	0	0	0	EACH
CABLE	0	0	0	0	0	0	LINEAR FEET
CATTLE GUARD	0	0	0	0	0	0	EACH
CULVERT	0	0	0	0	0	0	EACH
CURB	0	0	0	227	106	0	LINEAR FEET
DROP INLET	0	0	0	0	0	0	EACH
FIRE HYDRANT	0	0	0	0	0	0	EACH
GATE	0	0	0	0	1	0	EACH
GUARD/GUIDE RAIL	0	0	58	0	0	0	LINEAR FEET
GUARD/GUIDE WALL	0	0	0	0	0	0	LINEAR FEET
INTERSECTION	9	5	6	6	3	3	EACH
LOW WATER CROSSING	0	0	0	0	0	0	EACH
LOW WATER CROSSING	0	0	0	0	0	0	LINEAR FEET
MILE MARKER	0	0	0	0	0	0	EACH
OVERHEAD SIGN	0	0	0	0	0	0	EACH
OVERPASS	0	0	0	0	0	0	EACH
PARK BOUNDARY	1	0	0	0	0	0	EACH
PAVED DITCH	0	26	0	0	0	0	LINEAR FEET
PULLOUT	0	0	0	0	0	0	EACH
RAILROAD CROSSING	0	0	0	0	0	0	EACH
RETAINING WALL	0	0	0	0	0	0	EACH
RETAINING WALL	0	0	0	0	0	0	LINEAR FEET
SIGN	18	0	7	2	7	5	EACH
STATE BOUNDARY	0	0	0	0	0	0	EACH
TEMPORARY BARRIER	0	0	0	0	0	0	LINEAR FEET
TRAFFIC LIGHT	0	0	0	0	0	0	EACH
TUNNEL	0	0	0	0	0	0	EACH
TUNNEL	0	0	0	0	0	0	LINEAR FEET
TURNOUT	0	0	0	0	0	0	LINEAR FEET

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NACE: ROUTE MAINTENANCE FEATURES SUMMARY

FEATURE	ROUTE 0406 FORT DUPONT MAINTENANCE ACCESS/YARD	ROUTE 0408 BOTTOM ROAD	ROUTE 0410 RESIDENCE ACCESS	ROUTE 0424 USPP TRAINING FACILITIES ROAD	ROUTE 0425 FT DUPONT SUMMER THEATRE SERVICE ROAD		UNIT
BARRIER	0	0	0	0	0		LINEAR FEET
BOLLARD	0	0	0	0	0		LINEAR FEET
BRIDGE	0	0	0	0	0		EACH
CABLE	0	0	0	0	0		LINEAR FEET
CATTLE GUARD	0	0	0	0	0		EACH
CULVERT	0	0	0	0	0		EACH
CURB	539	0	0	0	58		LINEAR FEET
DROP INLET	0	0	0	0	0		EACH
FIRE HYDRANT	1	0	0	0	0		EACH
GATE	0	2	0	0	0		EACH
GUARD/GUIDE RAIL	0	0	0	0	0		LINEAR FEET
GUARD/GUIDE WALL	0	0	0	0	0		LINEAR FEET
INTERSECTION	3	6	3	3	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
OVERHEAD SIGN	0	0	0	0	0		EACH
OVERPASS	0	0	0	0	0		EACH
PARK BOUNDARY	0	0	0	0	0		EACH
PAVED DITCH	0	2,614	0	0	0		LINEAR FEET
PULLOUT	0	0	0	0	0		EACH
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	1	1	1	0	2		EACH
STATE BOUNDARY	0	0	0	0	0		EACH
TEMPORARY BARRIER	0	0	0	0	0		LINEAR FEET
TRAFFIC LIGHT	0	0	0	0	0		EACH
TUNNEL	0	0	0	0	0		EACH
TUNNEL	0	0	0	0	0		LINEAR FEET
TURNOUT	0	0	0	0	0		LINEAR FEET

Notice: Drop Inlets along ARAN-driven routes were NOT marked by NPS nor were they inventoried by RIP. Culverts that lack a BIP assigned Structure Number along ARAN-driven routes were NOT marked by NPS nor were they inventoried by RIP. Culverts that have a BIP assigned Structure Number along ARAN-driven routes were marked by NPS and were inventoried by RIP. To view the Cycle 3 culvert and drop inlet inventory for ARAN-driven routes, please refer to the Cycle 3 RIP Report.

NACE: STRUCTURE LIST

No data available for this section.

National Capital Parks - East

Section 9
Park Route Maintenance Features
Road Logs

NACE: ROUTE MAINTENANCE FEATURES ROAD LOG

ROUTE 0010: OXON HILL VISITOR CENTER ENTRANCE ROAD

Notice: Culverts and drop inlets were NOT marked by NPS nor inventoried by RIP in Cycle 4, therefore no culverts or drop inlets are reported in any Road Log. Culverts and drop inlets were inventoried in paved parking areas and can be found in the Parking Lot Condition Rating Sheets (Section 7) and Parkwide Maintenance Features Summary (Section 8).

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.000	0.000	ROUTE BEGIN	N/A	FROM BALD EAGLE ROAD (PARK BOUNDARY)
0.000	0.000	INTERSECTION	RIGHT	ROUTE 0950 (OXEN HILL VISITORS CENTER PARKING)
0.000	0.000	INTERSECTION	LEFT	PAVED ROUTE (BALD EAGLE ROAD / NON-NPS)
0.010	0.010	INTERSECTION	RIGHT	ROUTE 0950 (OXEN HILL VISITORS CENTER PARKING)
0.015	0.100	GUARD/GUIDE RAIL	LEFT	
0.016	0.016	SIGN	LEFT	REGULATORY, ONE WAY
0.016	0.016	SIGN	RIGHT	REGULATORY, ONE WAY
0.016	0.016	SIGN	RIGHT	GUIDE, PARKING LOT AND AREA CLOSED AT 4:30 P.M. DUE TO CONSTRUCTION
0.017	0.017	GATE	N/A	
0.096	0.096	INTERSECTION	RIGHT	ROUTE 0950 (OXEN HILL VISITORS CENTER PARKING)
0.100	0.100	INTERSECTION	N/A	ROUTE 0408 (BOTTOM ROAD)
0.100	0.100	SIGN	RIGHT	REGULATORY, SERVICE VEHICLES ONLY
0.100	0.100	SIGN	RIGHT	GUIDE, NO DOGS ALLOWED
0.100	0.100	GATE	N/A	
0.100	0.100	ROUTE END	N/A	TO ROUTE 0408 (BOTTOM ROAD)

NACE: ROUTE MAINTENANCE FEATURES ROAD LOG

ROUTE 0012: KENILWORTH PARK ACCESS

Notice: Culverts and drop inlets were NOT marked by NPS nor inventoried by RIP in Cycle 4, therefore no culverts or drop inlets are reported in any Road Log. Culverts and drop inlets were inventoried in paved parking areas and can be found in the Parking Lot Condition Rating Sheets (Section 7) and Parkwide Maintenance Features Summary (Section 8).

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.000	0.000	ROUTE BEGIN	N/A	FROM DEANE AVENUE NE AND LEE STREET SPUR ON RIGHT
0.000	0.000	INTERSECTION	N/A	PAVED ROUTE (DEANE AVENUE NE / NON-NPS)
0.003	0.008	GUARD/GUIDE WALL	RIGHT	
0.004	0.009	GUARD/GUIDE WALL	LEFT	
0.006	0.006	SIGN	RIGHT	REGULATORY, SPEED LIMIT 15
0.009	0.009	GATE	N/A	
0.009	0.009	SIGN	N/A	REGULATORY, STOP
0.183	0.183	SIGN	RIGHT	WARNING, GRAPHIC SIGN, NO TEXT
0.323	0.323	INTERSECTION	RIGHT	ROUTE 0903 (KENILWORTH PARKING 1)
0.426	0.426	SIGN	RIGHT	REGULATORY, NO PARKING OR DRIVING ON LAWN AREA
0.454	0.454	FIRE HYDRANT	LEFT	
0.643	0.643	FIRE HYDRANT	LEFT	
0.747	0.747	INTERSECTION	RIGHT	ROUTE 0904 (KENILWORTH PARKING 2)
0.785	0.785	FIRE HYDRANT	LEFT	
0.800	0.800	INTERSECTION	N/A	DEAD END
0.800	0.800	ROUTE END	N/A	TO END AT BARRIER

NACE: ROUTE MAINTENANCE FEATURES ROAD LOG

ROUTE 0013: ANACOSTIA DRIVE

Notice: Culverts and drop inlets were NOT marked by NPS nor inventoried by RIP in Cycle 4, therefore no culverts or drop inlets are reported in any Road Log. Culverts and drop inlets were inventoried in paved parking areas and can be found in the Parking Lot Condition Rating Sheets (Section 7) and Parkwide Maintenance Features Summary (Section 8).

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.000	0.000	ROUTE BEGIN	N/A	FROM MIDDLE OF FREDERICK DOUGLAS BRIDGE OVERPASS (S CAPITAL STREET)
0.000	0.000	INTERSECTION	N/A	PAVED ROUTE (ROBBINS ROAD W / NON-NPS)
0.000	0.000	OVERPASS	N/A	A BIP STRUCTURE NUMBER HAS NOT BEEN ASSIGNED TO THIS BRIDGE (S CAPITAL STREET SW BRIDGE)
0.020	0.020	SIGN	RIGHT	REGULATORY, GRAPHIC SIGN, NO TEXT
0.020	0.020	SIGN	RIGHT	GUIDE, TOUR BUS ROUTE
0.056	0.056	SIGN	RIGHT	REGULATORY, PARK CLOSED AT DARK
0.056	0.056	SIGN	RIGHT	GUIDE, ANACOSTIA PAVILION D.C. URBAN TREE HOUSE AQUATIC EDUCATION CENTER BOAT RAMP PARK HEADQUARTERS D.C. R
0.056	0.056	SIGN	RIGHT	REGULATORY, GRAPHIC SIGN, NO TEXT
0.084	0.084	SIGN	RIGHT	REGULATORY, NO PARKING OR DRIVING ON LAWN AREA
0.127	0.127	SIGN	LEFT	REGULATORY, UNABLE TO READ FROM VIDEO
0.150	0.150	INTERSECTION	LEFT	UNPAVED PARKING
0.158	0.158	INTERSECTION	RIGHT	PAVED ROUTE (SOUTH CAPITOL STREET RAMP / NON-NPS) SPUR
0.165	0.199	CURB-AND-GUTTER	RIGHT	
0.173	2.090	CURB-AND-GUTTER	LEFT	
0.198	0.198	SIGN	RIGHT	GUIDE, BIKE ROUTE
0.198	0.198	SIGN	RIGHT	GUIDE, GRAPHIC SIGN, NO TEXT
0.202	0.202	INTERSECTION	RIGHT	PAVED ROUTE (SOUTH CAPITOL STREET RAMP / NON-NPS)
0.206	0.211	CURB-AND-GUTTER	RIGHT	
0.209	0.224	GUARD/GUIDE RAIL	LEFT	
0.211	0.211	SIGN	RIGHT	REGULATORY, DO NOT ENTER
0.215	0.215	INTERSECTION	RIGHT	PAVED ROUTE (SOUTH CAPITOL STREET RAMP / NON-NPS)
0.217	0.217	SIGN	LEFT	REGULATORY, HOWARD RD
0.217	0.217	SIGN	RIGHT	GUIDE, GRAPHIC SIGN, NO TEXT
0.217	0.217	SIGN	RIGHT	GUIDE, INTERIM ANACOSTIA RIVERWALK TRAIL
0.217	0.217	SIGN	RIGHT	REGULATORY, HOWARD RD
0.217	0.217	SIGN	RIGHT	REGULATORY, PARK RIDE
0.221	0.503	CURB-AND-GUTTER	RIGHT	

NACE: ROUTE MAINTENANCE FEATURES ROAD LOG

ROUTE 0013: ANACOSTIA DRIVE

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FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.245	0.245	SIGN	RIGHT	REGULATORY, NO PARKING OR DRIVING ON LAWN AREA
0.367	0.367	SIGN	LEFT	REGULATORY, NO PARKING OR DRIVING ON LAWN AREA
0.384	0.411	GUARD/GUIDE RAIL	RIGHT	
0.471	0.471	SIGN	RIGHT	REGULATORY, NO PARKING OR DRIVING ON LAWN AREA
0.471	0.471	SIGN	LEFT	REGULATORY, NO PARKING OR DRIVING ON LAWN AREA
0.500	0.500	SIGN	RIGHT	GUIDE, BIKE ROUTE
0.500	0.500	SIGN	RIGHT	GUIDE, GRAPHIC SIGN, NO TEXT
0.501	0.511	GUARD/GUIDE RAIL	LEFT	
0.507	0.507	INTERSECTION	RIGHT	ROUTE 0104 (HEADQUARTERS ACCESS)
0.508	0.508	SIGN	LEFT	GUIDE, NATIONAL CAPITAL PARKS EAST PARK HEADQUARTERS U.S. PARK POLICE OPERATIONAL FACILITIES HELIPORT
0.508	0.508	SIGN	RIGHT	GUIDE, NATIONAL CAPITAL PARKS EAST PARK HEADQUARTERS U.S. PARK POLICE OPERATIONAL FACILITIES HELIPORT
0.511	0.511	SIGN	RIGHT	GUIDE, BIKE ROUTE
0.511	0.511	SIGN	RIGHT	GUIDE, GRAPHIC SIGN, NO TEXT
0.512	0.762	CURB-AND-GUTTER	RIGHT	
0.557	0.557	SIGN	RIGHT	REGULATORY, NO PARKING OR DRIVING ON LAWN AREA
0.570	0.570	SIGN	LEFT	REGULATORY, NO PARKING OR DRIVING ON LAWN AREA
0.573	0.633	PULLOUT	LEFT	
0.623	0.623	SIGN	RIGHT	REGULATORY, UNABLE TO READ FROM VIDEO
0.653	0.653	SIGN	RIGHT	REGULATORY, UNABLE TO READ FROM VIDEO
0.674	0.674	SIGN	RIGHT	REGULATORY, NO PARKING OR DRIVING ON LAWN AREA
0.677	0.725	PULLOUT	RIGHT	
0.684	0.684	SIGN	LEFT	REGULATORY, NO PARKING OR DRIVING ON LAWN AREA
0.759	0.759	SIGN	LEFT	REGULATORY, GOOD HOPE ED
0.759	0.759	SIGN	RIGHT	REGULATORY, GOOD HOPE RD
0.761	0.773	GUARD/GUIDE RAIL	LEFT	
0.766	0.766	INTERSECTION	RIGHT	ROUTE 0014 (GOOD HOPE ROAD)
0.773	0.842	CURB-AND-GUTTER	RIGHT	
0.775	0.775	GATE	N/A	

NACE: ROUTE MAINTENANCE FEATURES ROAD LOG

ROUTE 0013: ANACOSTIA DRIVE

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FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.787	0.787	SIGN	LEFT	REGULATORY, NO PARKING OR DRIVING ON LAWN AREA
0.787	0.787	SIGN	RIGHT	REGULATORY, NO PARKING OR DRIVING ON LAWN AREA
0.813	0.813	SIGN	LEFT	GUIDE, UNABLE TO READ FROM VIDEO
0.861	1.219	CURB-AND-GUTTER	RIGHT	
0.862	0.862	OVERPASS	N/A	A BIP STRUCTURE NUMBER HAS NOT BEEN ASSIGNED TO THIS BRIDGE (INTERSTATE 295 SB BRIDGE)
0.895	0.895	SIGN	LEFT	REGULATORY, NO PARKING OR DRIVING ON LAWN AREA
0.895	0.895	SIGN	RIGHT	REGULATORY, NO PARKING OR DRIVING ON LAWN AREA
0.897	0.897	SIGN	LEFT	REGULATORY, NO PARKING OR DRIVING ON LAWN AREA
0.897	0.897	SIGN	RIGHT	REGULATORY, NO PARKING OR DRIVING ON LAWN AREA
0.922	0.922	SIGN	LEFT	GUIDE, WARNING
0.934	0.934	OVERPASS	N/A	A BIP STRUCTURE NUMBER HAS NOT BEEN ASSIGNED TO THIS BRIDGE (INTERSTATE 295 NB BRIDGE)
0.938	0.938	SIGN	RIGHT	REGULATORY, UNABLE TO READ FROM VIDEO
1.017	1.069	PULLOUT	RIGHT	
1.042	1.042	SIGN	LEFT	GUIDE, GRAPHIC SIGN, NO TEXT
1.089	1.089	SIGN	RIGHT	REGULATORY, NO PARKING OR DRIVING ON LAWN AREA
1.089	1.121	PULLOUT	LEFT	
1.127	1.127	SIGN	LEFT	GUIDE, GRAPHIC SIGN, NO TEXT
1.127	1.127	SIGN	LEFT	GUIDE, INTERIM ANACOSTIA RIVERWALK TRAIL
1.127	1.127	SIGN	RIGHT	GUIDE, GRAPHIC SIGN, NO TEXT
1.127	1.127	SIGN	RIGHT	GUIDE, INTERIM ANACOSTIA RIVERWALK TRAIL
1.141	1.172	PULLOUT	RIGHT	
1.155	1.155	SIGN	LEFT	GUIDE, GRAPHIC SIGN, NO TEXT
1.187	1.187	SIGN	RIGHT	REGULATORY, NO PARKING OR DRIVING ON LAWN AREA
1.211	1.211	SIGN	RIGHT	REGULATORY, NO PARKING OR DRIVING ON LAWN AREA
1.225	1.225	INTERSECTION	RIGHT	ROUTE 0105 (ANACOSTIA POOL AND REC FACILITY ROAD)
1.240	1.240	SIGN	LEFT	GUIDE, GRAPHIC SIGN, NO TEXT
1.240	1.240	SIGN	RIGHT	REGULATORY, NO PARKING OR DRIVING ON LAWN AREA
1.250	1.250	SIGN	RIGHT	REGULATORY, DO NOT ENTER
1.252	1.252	INTERSECTION	RIGHT	ROUTE 0105 (ANACOSTIA POOL AND REC FACILITY ROAD)

NACE: ROUTE MAINTENANCE FEATURES ROAD LOG

ROUTE 0013: ANACOSTIA DRIVE

Notice: Culverts and drop inlets were NOT marked by NPS nor inventoried by RIP in Cycle 4, therefore no culverts or drop inlets are reported in any Road Log. Culverts and drop inlets were inventoried in paved parking areas and can be found in the Parking Lot Condition Rating Sheets (Section 7) and Parkwide Maintenance Features Summary (Section 8).

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
1.256	1.256	SIGN	RIGHT	REGULATORY, DO NOT ENTER
1.258	1.638	CURB-AND-GUTTER	RIGHT	
1.271	1.320	PULLOUT	LEFT	
1.287	1.287	SIGN	RIGHT	REGULATORY, NO PARKING OR DRIVING ON LAWN AREA
1.325	1.325	SIGN	LEFT	GUIDE, GRAPHIC SIGN, NO TEXT
1.325	1.325	SIGN	RIGHT	REGULATORY, NO PARKING OR DRIVING ON LAWN AREA
1.329	1.360	PULLOUT	RIGHT	
1.384	1.423	PULLOUT	LEFT	
1.393	1.393	SIGN	RIGHT	REGULATORY, NO PARKING OR DRIVING ON LAWN AREA
1.405	1.405	SIGN	LEFT	REGULATORY, UNABLE TO READ FROM VIDEO
1.442	1.491	PULLOUT	RIGHT	
1.507	1.507	SIGN	RIGHT	REGULATORY, NO PARKING OR DRIVING ON LAWN AREA
1.507	1.548	PULLOUT	LEFT	
1.529	1.529	SIGN	LEFT	REGULATORY, UNABLE TO READ FROM VIDEO
1.571	1.601	PULLOUT	LEFT	
1.601	1.601	SIGN	RIGHT	REGULATORY, NO PARKING OR DRIVING ON LAWN AREA
1.602	1.602	SIGN	LEFT	REGULATORY, NO PARKING OR DRIVING ON LAWN AREA
1.634	1.634	SIGN	LEFT	REGULATORY, GRAPHIC SIGN, NO TEXT
1.634	1.634	SIGN	RIGHT	REGULATORY, STOP
1.638	1.651	GUARD/GUIDE RAIL	LEFT	
1.645	1.645	INTERSECTION	RIGHT	ROUTE 0015 (22ND STREET)
1.652	2.042	CURB-AND-GUTTER	RIGHT	
1.653	1.653	GATE	N/A	
1.680	1.680	OVERPASS	N/A	A BIP STRUCTURE NUMBER HAS NOT BEEN ASSIGNED TO THIS BRIDGE (PENNSYLVANIA AVENUE SE BRIDGE)
1.781	1.781	SIGN	RIGHT	GUIDE, INTERIM ANACOSTIA RIVERWALK TRAIL
1.781	1.781	SIGN	RIGHT	GUIDE, RFK STADIUM
1.782	1.782	SIGN	LEFT	GUIDE, GRAPHIC SIGN, NO TEXT
1.782	1.782	SIGN	LEFT	GUIDE, INTERIM ANACOSTIA RIVERWALK TRAIL
1.803	1.803	INTERSECTION	LEFT	ROUTE 0910 (ANACOSTIA RIVER PARKING)
1.805	1.841	CURB-AND-GUTTER	LEFT	

NACE: ROUTE MAINTENANCE FEATURES ROAD LOG

ROUTE 0013: ANACOSTIA DRIVE

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FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
1.836	1.836	INTERSECTION	RIGHT	ROUTE 0016 (LOOP ROAD)
1.843	1.843	INTERSECTION	LEFT	ROUTE 0910 (ANACOSTIA RIVER PARKING)
1.847	2.090	CURB-AND-GUTTER	LEFT	
1.870	1.870	INTERSECTION	RIGHT	ROUTE 0016 (LOOP ROAD) SPUR
1.937	1.937	FIRE HYDRANT	LEFT	
1.964	1.964	INTERSECTION	RIGHT	ROUTE 0909 (ANACOSTIA SKATE PARK PARKING)
1.972	1.972	SIGN	RIGHT	GUIDE, ANACOSTIA PARK SKATING PAVILION
2.046	2.046	INTERSECTION	RIGHT	ROUTE 0907 (AQUATIC RESOURCES EDUCATION CENTER PARKING)
2.048	2.048	FIRE HYDRANT	LEFT	
2.050	2.084	CURB-AND-GUTTER	RIGHT	
2.076	2.076	INTERSECTION	RIGHT	ROUTE 0016 (LOOP ROAD)
2.085	2.088	CURB-AND-GUTTER	RIGHT	
2.090	2.090	INTERSECTION	RIGHT	ROUTE 0908 (ANACOSTIA BOAT RAMP PARKING)
2.090	2.090	INTERSECTION	N/A	ROUTE 0908 (ANACOSTIA BOAT RAMP PARKING)
2.090	2.090	ROUTE END	N/A	TO ROUTE 0908

NACE: ROUTE MAINTENANCE FEATURES ROAD LOG

ROUTE 0014: GOOD HOPE ROAD

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FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.000	0.000	ROUTE BEGIN	N/A	FROM PARK BOUNDARY (RIVER SIDE OF / NORTHWEST SIDE OF I-295 OVERPASS)
0.000	0.000	INTERSECTION	N/A	PAVED ROUTE (GOOD HOPE ROAD / NON-NPS)
0.000	0.000	PARK BOUNDARY	N/A	
0.003	0.070	CURB-AND-GUTTER	RIGHT	
0.005	0.012	CURB-AND-GUTTER	LEFT	
0.008	0.008	SIGN	RIGHT	GUIDE, BIKE ROUTE
0.017	0.017	INTERSECTION	LEFT	ROUTE 0104 (HEADQUARTERS ACCESS)
0.022	0.070	CURB-AND-GUTTER	LEFT	
0.024	0.024	SIGN	RIGHT	REGULATORY, PARK CLOSED AT DARK
0.024	0.024	SIGN	RIGHT	REGULATORY, GRAPHIC SIGN, NO TEXT
0.024	0.024	SIGN	RIGHT	GUIDE, ANACOSTIA PARK
0.059	0.059	GATE	N/A	VERTICAL BARS
0.068	0.068	SIGN	RIGHT	REGULATORY, SPEED LIMIT 20
0.068	0.068	SIGN	RIGHT	REGULATORY, STOP
0.070	0.070	SIGN	N/A	REGULATORY, PARK CLOSED AT DARK
0.070	0.070	SIGN	N/A	GUIDE, UNABLE TO READ FROM VIDEO
0.070	0.070	SIGN	N/A	REGULATORY, GRAPHIC SIGN, NO TEXT
0.070	0.070	SIGN	N/A	GUIDE, GRAPHIC SIGN, NO TEXT
0.070	0.070	INTERSECTION	RIGHT	ROUTE 0013 (ANACOSTIA DRIVE)
0.070	0.070	INTERSECTION	LEFT	ROUTE 0013 (ANACOSTIA DRIVE)
0.070	0.070	SIGN	N/A	REGULATORY, UNABLE TO READ FROM VIDEO
0.070	0.070	ROUTE END	N/A	TO ROUTE 0013

NACE: ROUTE MAINTENANCE FEATURES ROAD LOG

ROUTE 0015: 22ND STREET

Notice: Culverts and drop inlets were NOT marked by NPS nor inventoried by RIP in Cycle 4, therefore no culverts or drop inlets are reported in any Road Log. Culverts and drop inlets were inventoried in paved parking areas and can be found in the Parking Lot Condition Rating Sheets (Section 7) and Parkwide Maintenance Features Summary (Section 8).

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.000	0.000	ROUTE BEGIN	N/A	FROM PARK BOUNDARY (RIVER SIDE / NORTH SIDE OF I-295 ON RAMP OVERPASS)
0.000	0.000	INTERSECTION	N/A	PAVED ROUTE (22ND STREET / NON-NPS)
0.000	0.000	PARK BOUNDARY	N/A	
0.003	0.050	CURB-AND-GUTTER	RIGHT	
0.004	0.004	SIGN	N/A	WARNING, 13' - 2"
0.004	0.050	CURB-AND-GUTTER	LEFT	
0.006	0.006	SIGN	RIGHT	WARNING, 13' - 2"
0.018	0.018	SIGN	LEFT	REGULATORY, UNABLE TO READ FROM VIDEO
0.018	0.018	INTERSECTION	LEFT	ROUTE 0911 (PARK NODE PARKING)
0.018	0.018	SIGN	LEFT	GUIDE, PLEASE DO NOT LITTER
0.024	0.024	SIGN	LEFT	REGULATORY, GRAPHIC SIGN, NO TEXT
0.024	0.024	SIGN	LEFT	GUIDE, PARK NODE PICNIC AREA
0.025	0.050	CURB-AND-GUTTER	LEFT	
0.047	0.047	SIGN	RIGHT	REGULATORY, SPEED LIMIT 20
0.047	0.047	SIGN	RIGHT	REGULATORY, STOP
0.050	0.050	SIGN	N/A	REGULATORY, ONE WAY
0.050	0.050	SIGN	N/A	GUIDE, UNABLE TO READ FROM VIDEO
0.050	0.050	SIGN	N/A	REGULATORY, PARK CLOSED AT DARK
0.050	0.050	SIGN	N/A	REGULATORY, ONE WAY
0.050	0.050	SIGN	N/A	REGULATORY, GRAPHIC SIGN, NO TEXT
0.050	0.050	SIGN	N/A	GUIDE, GRAPHIC SIGN, NO TEXT
0.050	0.050	INTERSECTION	RIGHT	ROUTE 0013 (ANACOSTIA DRIVE)
0.050	0.050	INTERSECTION	LEFT	ROUTE 0013 (ANACOSTIA DRIVE)
0.050	0.050	SIGN	N/A	REGULATORY, ONE WAY
0.050	0.050	ROUTE END	N/A	TO ROUTE 0013

NACE: ROUTE MAINTENANCE FEATURES ROAD LOG

ROUTE 0016: LOOP ROAD

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FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.000	0.000	ROUTE BEGIN	N/A	FROM ROUTE 0013 AT MP 1.84
0.000	0.000	INTERSECTION	LEFT	ROUTE 0013 (ANACOSTIA DRIVE)
0.000	0.000	INTERSECTION	RIGHT	ROUTE 0013 (ANACOSTIA DRIVE)
0.027	0.027	INTERSECTION	LEFT	ROUTE 0016 (LOOP ROAD) SPUR
0.232	0.232	INTERSECTION	LEFT	ROUTE 0909 (ANACOSTIA SKATE PARK PARKING)
0.235	0.330	CURB-AND-GUTTER	LEFT	
0.334	0.334	INTERSECTION	LEFT	ROUTE 0909 (ANACOSTIA SKATE PARK PARKING)
0.457	0.457	SIGN	LEFT	GUIDE, UNABLE TO READ FROM VIDEO
0.515	0.560	ONE-WAY	N/A	
0.515	0.515	INTERSECTION	RIGHT	ROUTE 0908 (ANACOSTIA BOAT RAMP PARKING)
0.535	0.543	CURB-AND-GUTTER	LEFT	
0.536	0.542	CURB-AND-GUTTER	RIGHT	
0.541	0.541	SIGN	RIGHT	REGULATORY, DO NOT ENTER
0.542	0.542	SIGN	RIGHT	REGULATORY, STOP
0.546	0.546	INTERSECTION	LEFT	ROUTE 0907 (AQUATIC RESOURCES EDUCATION CENTER PARKING)
0.546	0.546	INTERSECTION	RIGHT	ROUTE 0908 (ANACOSTIA BOAT RAMP PARKING)
0.551	0.553	CURB-AND-GUTTER	RIGHT	
0.553	0.560	CURB-AND-GUTTER	LEFT	
0.560	0.560	INTERSECTION	RIGHT	ROUTE 0013 (ANACOSTIA DRIVE)
0.560	0.560	INTERSECTION	LEFT	ROUTE 0013 (ANACOSTIA DRIVE)
0.560	0.560	ROUTE END	N/A	TO ROUTE 0013 AT MP 2.08

NACE: ROUTE MAINTENANCE FEATURES ROAD LOG

ROUTE 0017: FORT DUPONT DRIVE

Notice: Culverts and drop inlets were NOT marked by NPS nor inventoried by RIP in Cycle 4, therefore no culverts or drop inlets are reported in any Road Log. Culverts and drop inlets were inventoried in paved parking areas and can be found in the Parking Lot Condition Rating Sheets (Section 7) and Parkwide Maintenance Features Summary (Section 8).

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.000	0.000	ROUTE BEGIN	N/A	FROM RANDLE CIRCLE SE
0.000	0.000	INTERSECTION	RIGHT	PAVED ROUTE (RANDLE CIRCLE SE / NON-NPS)
0.000	0.000	SIGN	N/A	REGULATORY, ONE WAY
0.000	0.000	INTERSECTION	LEFT	PAVED ROUTE (RANDLE CIRCLE SE / NON-NPS)
0.003	0.051	CURB	LEFT	
0.006	0.006	SIGN	RIGHT	REGULATORY, YIELD TO TRAFFIC IN CIRCLE
0.007	0.007	GATE	N/A	VERTICAL BARS
0.008	0.008	SIGN	RIGHT	WARNING, GRAPHIC SIGN, NO TEXT
0.008	0.008	SIGN	RIGHT	WARNING, GRAPHIC SIGN, NO TEXT
0.008	0.062	CURB	RIGHT	
0.010	0.010	SIGN	LEFT	REGULATORY, NO PARKING OR DRIVING ON LAWN AREA
0.010	0.010	SIGN	RIGHT	GUIDE, FRONT DUPONT PARK NO TRUCKS
0.021	0.021	SIGN	RIGHT	REGULATORY, NO PARKING OR DRIVING ON LAWN AREA
0.026	0.026	SIGN	RIGHT	REGULATORY, NO PARKING OR DRIVING ON LAWN AREA
0.033	0.033	SIGN	RIGHT	GUIDE, RESERVED PICNIC AREA 47A & 47
0.033	0.033	SIGN	RIGHT	REGULATORY, GRAPHIC SIGN, NO TEXT
0.037	0.037	SIGN	RIGHT	GUIDE, RESERVED PICNIC AREA 47A & 47
0.051	0.051	SIGN	RIGHT	REGULATORY, SPEED LIMIT 25
0.051	0.112	PAVED DITCH	LEFT	
0.057	0.057	SIGN	LEFT	REGULATORY, NON RESERVED PICNIC AREA
0.057	0.067	GUARD/GUIDE WALL	LEFT	
0.059	0.071	GUARD/GUIDE WALL	RIGHT	
0.062	0.078	PAVED DITCH	RIGHT	
0.070	0.086	GUARD/GUIDE WALL	LEFT	
0.192	0.192	SIGN	RIGHT	WARNING, GRAPHIC SIGN, NO TEXT
0.209	0.271	CURB	LEFT	
0.210	0.210	SIGN	LEFT	GUIDE, FORT DUPONT ACTIVITY CENTER
0.214	0.214	INTERSECTION	LEFT	ROUTE 0922 (FT. DUPONT ACTIVITY CENTER PARKING)
0.218	0.218	SIGN	LEFT	REGULATORY, PARK CLOSED AT DARK
0.218	0.229	PAVED DITCH	RIGHT	

NACE: ROUTE MAINTENANCE FEATURES ROAD LOG

ROUTE 0017: FORT DUPONT DRIVE

Notice: Culverts and drop inlets were NOT marked by NPS nor inventoried by RIP in Cycle 4, therefore no culverts or drop inlets are reported in any Road Log. Culverts and drop inlets were inventoried in paved parking areas and can be found in the Parking Lot Condition Rating Sheets (Section 7) and Parkwide Maintenance Features Summary (Section 8).

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.218	0.262	CURB	LEFT	
0.262	0.262	SIGN	RIGHT	REGULATORY, BUCKLE UP
0.262	0.262	SIGN	RIGHT	REGULATORY, PARK CLOSED AT DARK
0.267	0.267	INTERSECTION	LEFT	ROUTE 0922 (FT. DUPONT ACTIVITY CENTER PARKING)
0.269	0.272	CURB	LEFT	
0.271	0.271	SIGN	RIGHT	GUIDE, FRONT DUPONT ACTIVITY CENTER
0.276	0.276	SIGN	RIGHT	WARNING, GRAPHIC SIGN, NO TEXT
0.285	0.285	SIGN	RIGHT	WARNING, GRAPHIC SIGN, NO TEXT
0.291	0.291	SIGN	RIGHT	WARNING, GRAPHIC SIGN, NO TEXT
0.292	0.292	SIGN	LEFT	WARNING, GRAPHIC SIGN, NO TEXT
0.326	0.385	PAVED DITCH	RIGHT	
0.428	0.494	PAVED DITCH	RIGHT	
0.503	0.503	INTERSECTION	RIGHT	ROUTE 0019 (RIDGE PICNIC AREA ROAD)
0.506	0.506	SIGN	RIGHT	REGULATORY, ONE WAY
0.507	0.507	SIGN	RIGHT	GUIDE, RIDGE PICNIC AREA
0.507	0.507	SIGN	LEFT	GUIDE, RIDGE PICNIC AREA
0.647	0.665	PAVED DITCH	RIGHT	
0.670	0.670	FIRE HYDRANT	RIGHT	
0.696	0.770	GUARD/GUIDE RAIL	LEFT	
0.725	0.725	INTERSECTION	RIGHT	ROUTE 0019 (RIDGE PICNIC AREA ROAD)
0.728	0.728	SIGN	LEFT	REGULATORY, DO NOT ENTER
0.752	0.752	SIGN	RIGHT	REGULATORY, RADAR ENFORCED
0.752	0.752	SIGN	RIGHT	REGULATORY, SPEED LIMIT 25
0.774	0.774	GATE	N/A	VERTICAL BARS
0.794	0.794	SIGN	RIGHT	REGULATORY, STOP
0.800	0.800	SIGN	N/A	GUIDE, FT. DAVIS DR.
0.800	0.800	SIGN	N/A	WARNING, GRAPHIC SIGN, NO TEXT
0.800	0.800	SIGN	N/A	WARNING, GRAPHIC SIGN, NO TEXT
0.800	0.800	INTERSECTION	RIGHT	ROUTE 0018 (FORT DAVIS DRIVE)
0.800	0.800	INTERSECTION	LEFT	ROUTE 0018 (FORT DAVIS DRIVE)

NACE: ROUTE MAINTENANCE FEATURES ROAD LOG

ROUTE 0017: FORT DUPONT DRIVE

Notice: Culverts and drop inlets were NOT marked by NPS nor inventoried by RIP in Cycle 4, therefore no culverts or drop inlets are reported in any Road Log. Culverts and drop inlets were inventoried in paved parking areas and can be found in the Parking Lot Condition Rating Sheets (Section 7) and Parkwide Maintenance Features Summary (Section 8).

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.800	0.800	ROUTE END	N/A	TO ROUTE 0018

NACE: ROUTE MAINTENANCE FEATURES ROAD LOG

ROUTE 0018: FORT DAVIS DRIVE

Notice: Culverts and drop inlets were NOT marked by NPS nor inventoried by RIP in Cycle 4, therefore no culverts or drop inlets are reported in any Road Log. Culverts and drop inlets were inventoried in paved parking areas and can be found in the Parking Lot Condition Rating Sheets (Section 7) and Parkwide Maintenance Features Summary (Section 8).

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.000	0.000	ROUTE BEGIN	N/A	FROM RIDGE ROAD SE
0.000	0.000	INTERSECTION	LEFT	PAVED ROUTE (RIDGE ROAD SE / NON-NPS)
0.000	0.000	INTERSECTION	RIGHT	PAVED ROUTE (RIDGE ROAD SE / NON-NPS)
0.000	0.000	PARK BOUNDARY	N/A	
0.008	0.008	SIGN	RIGHT	GUIDE, FORT DUPONT PARK NO TRUCKS
0.008	0.008	SIGN	RIGHT	REGULATORY, NO LITTERING $ 1000 FINE
0.008	0.008	SIGN	RIGHT	WARNING, GRAPHIC SIGN, NO TEXT
0.009	0.027	GUARD/GUIDE RAIL	RIGHT	
0.030	0.030	INTERSECTION	RIGHT	UNPAVED ROUTE
0.033	0.102	GUARD/GUIDE RAIL	RIGHT	
0.102	0.102	SIGN	RIGHT	REGULATORY, SPEED LIMIT 25
0.150	0.216	GUARD/GUIDE RAIL	LEFT	
0.162	0.218	GUARD/GUIDE RAIL	RIGHT	
0.335	0.335	INTERSECTION	RIGHT	UNPAVED ROUTE
0.335	0.335	SIGN	RIGHT	REGULATORY, AUTHORIZED VEHICLES ONLY
0.386	0.386	SIGN	RIGHT	REGULATORY, RADAR ENFORCED
0.386	0.386	SIGN	RIGHT	REGULATORY, SPEED LIMIT 25
0.406	0.406	SIGN	LEFT	GUIDE, UNABLE TO READ FROM VIDEO
0.410	0.410	INTERSECTION	RIGHT	ROUTE 0017 (FORT DUPONT DRIVE)
0.415	0.415	SIGN	RIGHT	GUIDE, UNABLE TO READ FROM VIDEO
0.611	0.611	SIGN	RIGHT	REGULATORY, NO LITTERING $ 1000 FINE
0.611	0.611	SIGN	RIGHT	REGULATORY, SPEED LIMIT 25
0.611	0.611	SIGN	RIGHT	REGULATORY, RADAR ENFORCED
0.628	0.638	CURB-AND-GUTTER	RIGHT	
0.628	0.644	CURB-AND-GUTTER	LEFT	
0.634	0.634	SIGN	RIGHT	GUIDE, FORT DUPONT PARK NO TRUCKS
0.634	0.634	SIGN	RIGHT	WARNING, GRAPHIC SIGN, NO TEXT
0.636	0.636	SIGN	RIGHT	REGULATORY, ALL WAY
0.636	0.636	SIGN	RIGHT	REGULATORY, STOP
0.640	0.640	SIGN	LEFT	GUIDE, MASSACHUSETTS 3800

NACE: ROUTE MAINTENANCE FEATURES ROAD LOG

ROUTE 0018: FORT DAVIS DRIVE

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FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.640	0.640	SIGN	RIGHT	GUIDE, MASSACHUSETTS 3800
0.648	0.648	INTERSECTION	RIGHT	PAVED ROUTE (MASSACHUSETTS AVENUE SE / NON-NPS)
0.648	0.648	INTERSECTION	LEFT	PAVED ROUTE (MASSACHUSETTS AVENUE SE / NON-NPS)
0.651	0.679	CURB-AND-GUTTER	RIGHT	
0.655	0.655	SIGN	RIGHT	REGULATORY, STOP
0.655	0.655	SIGN	RIGHT	REGULATORY, ALL WAY
0.656	0.669	CURB	LEFT	
0.662	0.662	FIRE HYDRANT	LEFT	
0.692	0.692	SIGN	RIGHT	REGULATORY, SPEED LIMIT 25
0.692	0.692	SIGN	RIGHT	WARNING, GRAPHIC SIGN, NO TEXT
0.731	0.731	SIGN	RIGHT	GUIDE, UNABLE TO READ FROM VIDEO
1.103	1.197	PAVED DITCH	LEFT	
1.168	1.168	SIGN	RIGHT	REGULATORY, RADAR ENFORCED
1.168	1.168	SIGN	RIGHT	REGULATORY, SPEED LIMIT 25
1.168	1.168	SIGN	RIGHT	WARNING, GRAPHIC SIGN, NO TEXT
1.202	1.207	CURB	LEFT	
1.204	1.210	CURB	RIGHT	
1.205	1.205	SIGN	LEFT	GUIDE, FORT CIRCLE PARK HIKER BIKER TRAIL MOTOR VEHICLES PROHIBITED
1.209	1.209	SIGN	RIGHT	REGULATORY, STOP
1.210	1.210	INTERSECTION	LEFT	PAVED ROUTE (PENNSYLVANIA AVENUE / NON-NPS)
1.210	1.210	INTERSECTION	RIGHT	PAVED ROUTE (PENNSYLVANIA AVENUE / NON-NPS)
1.210	1.210	ROUTE END	N/A	TO PENNSYLVANIA AVENUE SE

NACE: ROUTE MAINTENANCE FEATURES ROAD LOG

ROUTE 0019: RIDGE PICNIC AREA ROAD

Notice: Culverts and drop inlets were NOT marked by NPS nor inventoried by RIP in Cycle 4, therefore no culverts or drop inlets are reported in any Road Log. Culverts and drop inlets were inventoried in paved parking areas and can be found in the Parking Lot Condition Rating Sheets (Section 7) and Parkwide Maintenance Features Summary (Section 8).

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.000	0.000	ROUTE BEGIN	N/A	FROM ROUTE 0017 AT MP 0.50
0.000	0.000	INTERSECTION	LEFT	ROUTE 0017 (FORT DUPONT DRIVE)
0.000	0.000	INTERSECTION	RIGHT	ROUTE 0017 (FORT DUPONT DRIVE)
0.000	0.460	ONE-WAY	N/A	
0.005	0.036	PAVED DITCH	LEFT	
0.005	0.007	PAVED DITCH	RIGHT	
0.008	0.008	GATE	N/A	
0.017	0.026	GUARD/GUIDE WALL	RIGHT	
0.017	0.017	INTERSECTION	RIGHT	ROUTE 0206 (RIDGE PICNIC AREA LOOP)
0.030	0.030	INTERSECTION	RIGHT	ROUTE 0206 (RIDGE PICNIC AREA LOOP)
0.034	0.155	PAVED DITCH	RIGHT	
0.052	0.054	GUARD/GUIDE WALL	RIGHT	
0.052	0.060	CURB	LEFT	
0.052	0.060	PULLOUT	LEFT	
0.062	0.063	GUARD/GUIDE WALL	LEFT	
0.070	0.074	GUARD/GUIDE WALL	LEFT	
0.078	0.082	GUARD/GUIDE WALL	RIGHT	
0.078	0.079	GUARD/GUIDE WALL	LEFT	
0.083	0.085	GUARD/GUIDE WALL	LEFT	
0.084	0.084	SIGN	LEFT	GUIDE, 5
0.096	0.108	CURB	LEFT	
0.096	0.108	PULLOUT	LEFT	
0.097	0.102	GUARD/GUIDE WALL	RIGHT	
0.101	0.101	SIGN	LEFT	GUIDE, 6
0.108	0.120	GUARD/GUIDE WALL	RIGHT	
0.109	0.110	GUARD/GUIDE WALL	LEFT	
0.118	0.122	GUARD/GUIDE WALL	LEFT	
0.125	0.126	GUARD/GUIDE WALL	LEFT	
0.130	0.130	SIGN	LEFT	GUIDE, 8
0.132	0.137	GUARD/GUIDE WALL	LEFT	

NACE: ROUTE MAINTENANCE FEATURES ROAD LOG

ROUTE 0019: RIDGE PICNIC AREA ROAD

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FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.150	0.151	GUARD/GUIDE WALL	RIGHT	
0.155	0.165	GUARD/GUIDE WALL	LEFT	
0.156	0.157	GUARD/GUIDE WALL	RIGHT	
0.157	0.169	CURB	RIGHT	
0.157	0.169	PULLOUT	RIGHT	
0.162	0.162	SIGN	RIGHT	GUIDE, 9
0.170	0.177	GUARD/GUIDE WALL	RIGHT	
0.178	0.184	GUARD/GUIDE WALL	LEFT	
0.180	0.188	GUARD/GUIDE WALL	RIGHT	
0.188	0.199	GUARD/GUIDE WALL	LEFT	
0.191	0.191	SIGN	LEFT	GUIDE, 10
0.205	0.211	GUARD/GUIDE WALL	LEFT	
0.207	0.211	GUARD/GUIDE WALL	RIGHT	
0.214	0.223	PULLOUT	LEFT	
0.217	0.218	GUARD/GUIDE WALL	RIGHT	
0.219	0.219	SIGN	LEFT	GUIDE, 11
0.222	0.244	GUARD/GUIDE WALL	RIGHT	
0.223	0.224	GUARD/GUIDE WALL	LEFT	
0.229	0.234	GUARD/GUIDE WALL	LEFT	
0.241	0.250	GUARD/GUIDE WALL	LEFT	
0.247	0.261	CURB	RIGHT	
0.247	0.261	PULLOUT	RIGHT	
0.253	0.265	GUARD/GUIDE WALL	LEFT	
0.263	0.268	GUARD/GUIDE WALL	RIGHT	
0.264	0.264	SIGN	RIGHT	GUIDE, 15
0.266	0.290	PAVED DITCH	RIGHT	
0.269	0.272	GUARD/GUIDE WALL	LEFT	
0.269	0.269	SIGN	LEFT	GUIDE, 17
0.281	0.282	GUARD/GUIDE WALL	RIGHT	
0.298	0.307	GUARD/GUIDE WALL	LEFT	

NACE: ROUTE MAINTENANCE FEATURES ROAD LOG

ROUTE 0019: RIDGE PICNIC AREA ROAD

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FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.309	0.318	CURB	LEFT	
0.311	0.312	GUARD/GUIDE WALL	LEFT	
0.316	0.324	GUARD/GUIDE WALL	RIGHT	
0.320	0.409	PAVED DITCH	LEFT	
0.325	0.326	GUARD/GUIDE WALL	LEFT	
0.346	0.353	PULLOUT	RIGHT	
0.346	0.353	CURB	RIGHT	
0.349	0.353	GUARD/GUIDE WALL	RIGHT	
0.380	0.388	GUARD/GUIDE WALL	RIGHT	
0.385	0.386	GUARD/GUIDE WALL	LEFT	
0.394	0.395	GUARD/GUIDE WALL	RIGHT	
0.402	0.405	GUARD/GUIDE WALL	RIGHT	
0.403	0.405	GUARD/GUIDE WALL	LEFT	
0.409	0.412	GUARD/GUIDE WALL	RIGHT	
0.410	0.412	GUARD/GUIDE WALL	LEFT	
0.413	0.435	CURB	LEFT	
0.413	0.437	CURB	RIGHT	
0.414	0.437	PULLOUT	RIGHT	
0.419	0.436	PULLOUT	LEFT	
0.438	0.450	GUARD/GUIDE WALL	RIGHT	
0.440	0.452	GUARD/GUIDE WALL	LEFT	
0.454	0.454	GATE	N/A	
0.460	0.460	INTERSECTION	LEFT	ROUTE 0017 (FORT DUPONT DRIVE)
0.460	0.460	INTERSECTION	RIGHT	ROUTE 0017 (FORT DUPONT DRIVE)
0.460	0.460	SIGN	RIGHT	REGULATORY, STOP
0.460	0.460	ROUTE END	N/A	TO ROUTE 0017 AT MP 0.73

NACE: ROUTE MAINTENANCE FEATURES ROAD LOG

ROUTE 0102: FREDERICK DOUGLAS HOME ACCESS ROAD

Notice: Culverts and drop inlets were NOT marked by NPS nor inventoried by RIP in Cycle 4, therefore no culverts or drop inlets are reported in any Road Log. Culverts and drop inlets were inventoried in paved parking areas and can be found in the Parking Lot Condition Rating Sheets (Section 7) and Parkwide Maintenance Features Summary (Section 8).

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.000	0.000	ROUTE BEGIN	N/A	FROM 14TH STREET
0.000	0.000	INTERSECTION	LEFT	PAVED ROUTE (14TH STREET SE / NON-NPS)
0.000	0.000	INTERSECTION	RIGHT	PAVED ROUTE (14TH STREET SE / NON-NPS)
0.004	0.180	CURB	RIGHT	
0.004	0.180	CURB	LEFT	
0.004	0.004	SIGN	RIGHT	GUIDE, FREDERICK DOUGLASS NATIONAL HISTORIC SITE
0.006	0.006	SIGN	RIGHT	GUIDE, ALL TOURS START AT VISITOR CENTER
0.006	0.006	SIGN	RIGHT	REGULATORY, SERVICE VEHICLES ONLY
0.006	0.006	GATE	N/A	
0.107	0.117	PULLOUT	LEFT	
0.153	0.180	PULLOUT	LEFT	
0.158	0.158	INTERSECTION	LEFT	ROUTE 0102 (FREDERICK DOUGLAS HOME ACCESS ROAD)
0.160	0.180	CURB	LEFT	
0.180	0.180	INTERSECTION	LEFT	ROUTE 0102 (FREDERICK DOUGLAS HOME ACCESS ROAD)
0.180	0.180	INTERSECTION	N/A	ROUTE 0102 (FREDERICK DOUGLAS HOME ACCESS ROAD)
0.180	0.180	ROUTE END	N/A	TO END OF LOOP

NACE: ROUTE MAINTENANCE FEATURES ROAD LOG

ROUTE 0104: HEADQUARTERS ACCESS

Notice: Culverts and drop inlets were NOT marked by NPS nor inventoried by RIP in Cycle 4, therefore no culverts or drop inlets are reported in any Road Log. Culverts and drop inlets were inventoried in paved parking areas and can be found in the Parking Lot Condition Rating Sheets (Section 7) and Parkwide Maintenance Features Summary (Section 8).

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.000	0.000	ROUTE BEGIN	N/A	FROM ROUTE 0013
0.000	0.000	SIGN	N/A	REGULATORY, GRAPHIC SIGN, NO TEXT
0.000	0.000	INTERSECTION	LEFT	ROUTE 0013 (ANACOSTIA DRIVE)
0.000	0.000	INTERSECTION	RIGHT	ROUTE 0013 (ANACOSTIA DRIVE)
0.004	0.004	SIGN	RIGHT	GUIDE, BIKE ROUTE
0.004	0.004	SIGN	RIGHT	GUIDE, GRAPHIC SIGN, NO TEXT
0.005	0.009	CURB-AND-GUTTER	LEFT	
0.006	0.006	SIGN	RIGHT	REGULATORY, BUCKLE UP IT'S THE LAW
0.006	0.006	SIGN	RIGHT	REGULATORY, STOP
0.008	0.009	CURB-AND-GUTTER	RIGHT	
0.009	0.009	SIGN	RIGHT	REGULATORY, AUTHORIZED VEHICLES ONLY
0.013	0.013	INTERSECTION	LEFT	ROUTE 0424 (USPP TRAINING FACILITIES ROAD)
0.019	0.019	INTERSECTION	RIGHT	ROUTE 0964A (HEADQUARTER OVERFLOW PARKING A)
0.023	0.023	SIGN	LEFT	GUIDE, UNITED STATE PARK POLICE ANACOSTIA OPERATIONS FACILITY
0.029	0.029	FIRE HYDRANT	RIGHT	
0.029	0.029	SIGN	LEFT	GUIDE, TRAINING AND PISTOL RANGE PARKING ONLY
0.029	0.029	SIGN	RIGHT	GUIDE, TRAINING AND PISTOL RANGE PARKING ONLY
0.043	0.071	CURB	RIGHT	
0.053	0.056	CURB-AND-GUTTER	LEFT	
0.057	0.057	INTERSECTION	LEFT	ROUTE 0916 (U.S. PARK POLICE OFFICE PARKING)
0.061	0.067	CURB-AND-GUTTER	LEFT	
0.068	0.068	INTERSECTION	LEFT	ROUTE 0916 (U.S. PARK POLICE OFFICE PARKING)
0.073	0.125	CURB-AND-GUTTER	LEFT	
0.076	0.076	INTERSECTION	RIGHT	ROUTE 0981 (U.S. PARK POLICE IMPOUND PARKING)
0.082	0.082	FIRE HYDRANT	RIGHT	
0.088	0.088	INTERSECTION	RIGHT	PAVED PARKING (PARK POLICE PARKING)
0.115	0.115	INTERSECTION	RIGHT	PAVED PARKING (PARK POLICE PARKING)
0.128	0.128	FIRE HYDRANT	RIGHT	
0.128	0.128	INTERSECTION	LEFT	ROUTE 0913AZ (NACE PARK HEADQUARTERS PARKING A)
0.133	0.133	SIGN	LEFT	GUIDE, ENTRANCE

NACE: ROUTE MAINTENANCE FEATURES ROAD LOG

ROUTE 0104: HEADQUARTERS ACCESS

Notice: Culverts and drop inlets were NOT marked by NPS nor inventoried by RIP in Cycle 4, therefore no culverts or drop inlets are reported in any Road Log. Culverts and drop inlets were inventoried in paved parking areas and can be found in the Parking Lot Condition Rating Sheets (Section 7) and Parkwide Maintenance Features Summary (Section 8).

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.133	0.133	SIGN	LEFT	GUIDE, NATIONAL CAPITAL PARKS - EAST HEADQUARTERS
0.133	0.133	SIGN	RIGHT	GUIDE, ENTRANCE
0.133	0.133	SIGN	RIGHT	GUIDE, NATIONAL CAPITAL PARKS - EAST HEADQUARTERS
0.137	0.137	SIGN	RIGHT	GUIDE, TRAINING AND PISTOL RANGE PARKING
0.147	0.147	SIGN	LEFT	REGULATORY, NO PARKING ANY TIME
0.167	0.167	INTERSECTION	LEFT	PAVED PARKING (PARK POLICE PARKING)
0.173	0.173	SIGN	RIGHT	REGULATORY, STOP
0.179	0.179	INTERSECTION	RIGHT	ROUTE 0981 (U.S. PARK POLICE IMPOUND PARKING)
0.187	0.187	SIGN	RIGHT	REGULATORY, STOP
0.199	0.199	INTERSECTION	RIGHT	ROUTE 0913BZ (NACE PARK HEADQUARTERS PARKING B)
0.201	0.201	SIGN	LEFT	REGULATORY, NO PARKING ANY TIME
0.208	0.208	SIGN	LEFT	REGULATORY, NO PARKING ANY TIME
0.221	0.221	FIRE HYDRANT	RIGHT	
0.237	0.237	SIGN	RIGHT	WARNING, GRAPHIC SIGN, NO TEXT
0.242	0.242	INTERSECTION	LEFT	ROUTE 0915AZ (U.S. PARK POLICE HELIPAD PARKING)
0.247	0.265	GUARD/GUIDE RAIL	RIGHT	
0.276	0.276	SIGN	RIGHT	GUIDE, NO TRESPASSING
0.289	0.289	SIGN	RIGHT	GUIDE, NO TRESPASSING
0.294	0.294	INTERSECTION	LEFT	ROUTE 0915AZ (U.S. PARK POLICE HELIPAD PARKING)
0.307	0.307	SIGN	RIGHT	GUIDE, NO TRESPASSING
0.312	0.312	INTERSECTION	LEFT	ROUTE 0915BZ (U.S. PARK POLICE MOTORSHED PARKING)
0.326	0.326	SIGN	RIGHT	REGULATORY, UNABLE TO READ FROM VIDEO
0.327	0.327	FIRE HYDRANT	LEFT	
0.335	0.335	SIGN	RIGHT	REGULATORY, NO PARKING ANY TIME
0.358	0.358	INTERSECTION	LEFT	ROUTE 0915BZ (U.S. PARK POLICE MOTORSHED PARKING)
0.371	0.371	GATE	N/A	
0.374	0.374	SIGN	RIGHT	REGULATORY, AUTHORIZED VEHICLES ONLY
0.388	0.388	INTERSECTION	RIGHT	ROUTE 0965A (AVIATION ROAD BALLFIELD PARKING A)
0.417	0.417	SIGN	LEFT	REGULATORY, NO PARKING ANY TIME
0.441	0.451	GUARD/GUIDE WALL	RIGHT	

NACE: ROUTE MAINTENANCE FEATURES ROAD LOG

ROUTE 0104: HEADQUARTERS ACCESS

Notice: Culverts and drop inlets were NOT marked by NPS nor inventoried by RIP in Cycle 4, therefore no culverts or drop inlets are reported in any Road Log. Culverts and drop inlets were inventoried in paved parking areas and can be found in the Parking Lot Condition Rating Sheets (Section 7) and Parkwide Maintenance Features Summary (Section 8).

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.463	0.463	SIGN	LEFT	REGULATORY, NO PARKING ANY TIME
0.496	0.496	INTERSECTION	RIGHT	ROUTE 0965B (AVIATION ROAD BALLFIELD PARKING B)
0.514	0.514	SIGN	LEFT	REGULATORY, NO PARKING ANY TIME
0.529	0.529	SIGN	RIGHT	REGULATORY, BUCKLE UP S THE LAW
0.529	0.529	SIGN	RIGHT	REGULATORY, STOP
0.530	0.530	INTERSECTION	LEFT	ROUTE 0014 (GOOD HOPE ROAD)
0.530	0.530	INTERSECTION	RIGHT	ROUTE 0014 (GOOD HOPE ROAD)
0.530	0.530	ROUTE END	N/A	TO ROUTE 0014

NACE: ROUTE MAINTENANCE FEATURES ROAD LOG

ROUTE 0105: ANACOSTIA POOL AND REC FACILITY ROAD

Notice: Culverts and drop inlets were NOT marked by NPS nor inventoried by RIP in Cycle 4, therefore no culverts or drop inlets are reported in any Road Log. Culverts and drop inlets were inventoried in paved parking areas and can be found in the Parking Lot Condition Rating Sheets (Section 7) and Parkwide Maintenance Features Summary (Section 8).

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.000	0.000	ROUTE BEGIN	N/A	FROM ROUTE 0013 AT MP 1.23
0.000	0.000	INTERSECTION	LEFT	ROUTE 0013 (ANACOSTIA DRIVE)
0.000	0.000	INTERSECTION	RIGHT	ROUTE 0013 (ANACOSTIA DRIVE)
0.000	0.110	ONE-WAY	N/A	
0.014	0.014	SIGN	LEFT	REGULATORY, NO PARKING ANY TIME
0.021	0.021	SIGN	RIGHT	REGULATORY, NO PARKING OR DRIVING ON LAWN AREA
0.032	0.032	SIGN	LEFT	REGULATORY, NO PARKING ANY TIME
0.037	0.037	INTERSECTION	LEFT	ROUTE 0105 (ANACOSTIA POOL AND REC FACILITY ROAD) SPUR
0.057	0.057	SIGN	LEFT	REGULATORY, NO PARKING FIRE LANE
0.059	0.059	FIRE HYDRANT	LEFT	
0.065	0.065	INTERSECTION	RIGHT	ROUTE 0912 (ANACOSTIA POOL & REC FACILITY PARKING)
0.077	0.077	INTERSECTION	LEFT	ROUTE 0105 (ANACOSTIA POOL AND REC FACILITY ROAD) SPUR
0.084	0.084	SIGN	LEFT	REGULATORY, NO PARKING ANY TIME
0.091	0.091	SIGN	RIGHT	REGULATORY, NO PARKING OR DRIVING ON LAWN AREA
0.102	0.102	SIGN	LEFT	REGULATORY, NO PARKING ANY TIME
0.107	0.107	SIGN	RIGHT	REGULATORY, STOP
0.107	0.107	SIGN	RIGHT	REGULATORY, SPEED LIMIT 20
0.109	0.109	SIGN	LEFT	REGULATORY, STOP
0.110	0.110	INTERSECTION	LEFT	ROUTE 0013 (ANACOSTIA DRIVE)
0.110	0.110	INTERSECTION	RIGHT	ROUTE 0013 (ANACOSTIA DRIVE)
0.110	0.110	ROUTE END	N/A	TO ROUTE 0013 AT MP 1.25

NACE: ROUTE MAINTENANCE FEATURES ROAD LOG

ROUTE 0108: FORT STANTON RESERVOIR ACCESS ROAD

Notice: Culverts and drop inlets were NOT marked by NPS nor inventoried by RIP in Cycle 4, therefore no culverts or drop inlets are reported in any Road Log. Culverts and drop inlets were inventoried in paved parking areas and can be found in the Parking Lot Condition Rating Sheets (Section 7) and Parkwide Maintenance Features Summary (Section 8).

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.000	0.000	ROUTE BEGIN	N/A	FROM ERIE STREET SE
0.000	0.000	INTERSECTION	LEFT	PAVED ROUTE (ERIE STREET SE / NON-NPS)
0.000	0.000	INTERSECTION	RIGHT	PAVED ROUTE (ERIE STREET SE / NON-NPS)
0.006	0.006	SIGN	LEFT	REGULATORY, 15 M.P.H.
0.006	0.006	SIGN	LEFT	WARNING, GRAPHIC SIGN, NO TEXT
0.006	0.006	TRAFFIC LIGHT	LEFT	X2
0.009	0.009	SIGN	RIGHT	REGULATORY, DO NOT ENTER
0.016	0.016	SIGN	RIGHT	GUIDE, UNABLE TO READ FROM VIDEO
0.055	0.055	SIGN	LEFT	REGULATORY, NO TRESPASSING
0.070	0.070	INTERSECTION	LEFT	UNPAVED PARKING
0.127	0.127	GATE	N/A	CHAIN LINK
0.180	0.180	GATE	N/A	CHAIN LINK
0.180	0.180	INTERSECTION	N/A	ROUTE 0108 (FORT STANTON RESERVOIR ACCESS ROAD)
0.180	0.180	SIGN	N/A	REGULATORY, NO TRESPASSING
0.180	0.180	SIGN	N/A	REGULATORY, UNABLE TO READ FROM VIDEO
0.180	0.180	SIGN	N/A	REGULATORY, UNABLE TO READ FROM VIDEO
0.180	0.180	ROUTE END	N/A	TO GATE AT RESERVOIR

NACE: ROUTE MAINTENANCE FEATURES ROAD LOG

ROUTE 0111: 27TH STREET

Notice: Culverts and drop inlets were NOT marked by NPS nor inventoried by RIP in Cycle 4, therefore no culverts or drop inlets are reported in any Road Log. Culverts and drop inlets were inventoried in paved parking areas and can be found in the Parking Lot Condition Rating Sheets (Section 7) and Parkwide Maintenance Features Summary (Section 8).

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.000	0.000	ROUTE BEGIN	N/A	FROM NAYLOR ROAD SE
0.000	0.130	ONE-WAY	N/A	
0.000	0.000	INTERSECTION	LEFT	PAVED ROUTE (NAYLOR ROAD SE / NON-NPS)
0.000	0.000	INTERSECTION	RIGHT	PAVED ROUTE (NAYLOR ROAD SE / NON-NPS)
0.008	0.008	SIGN	RIGHT	REGULATORY, NO STANDING OR PARKING ANYTIME
0.067	0.127	GUARD/GUIDE RAIL	RIGHT	
0.128	0.130	CURB	RIGHT	
0.129	0.130	CURB	LEFT	
0.130	0.130	INTERSECTION	N/A	PAVED ROUTE (27TH STREET SE / NON-NPS)
0.130	0.130	INTERSECTION	RIGHT	PAVED ROUTE (TEXAS AVENUE SE / NON-NPS)
0.130	0.130	PARK BOUNDARY	N/A	
0.130	0.130	SIGN	LEFT	GUIDE, TEXAS
0.130	0.130	ROUTE END	N/A	TO PARK BOUNDARY (TEXAS AVENUE SE)

NACE: ROUTE MAINTENANCE FEATURES ROAD LOG

ROUTE 0112: SAYLOR GROVE ROAD

Notice: Culverts and drop inlets were NOT marked by NPS nor inventoried by RIP in Cycle 4, therefore no culverts or drop inlets are reported in any Road Log. Culverts and drop inlets were inventoried in paved parking areas and can be found in the Parking Lot Condition Rating Sheets (Section 7) and Parkwide Maintenance Features Summary (Section 8).

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.000	0.000	ROUTE BEGIN	N/A	FROM PARK BOUNDARY AT PAVEMENT CHANGE
0.000	0.000	INTERSECTION	N/A	PAVED ROUTE (BRYAN POINT ROAD / NON-NPS)
0.000	0.000	PARK BOUNDARY	N/A	
0.012	0.012	INTERSECTION	RIGHT	ROUTE 0969 (ACCOKEEK CREEK ACCESS PARKING)
0.018	0.018	GATE	N/A	
0.018	0.018	SIGN	N/A	REGULATORY, PARK CLOSED AT DARK
0.018	0.018	SIGN	N/A	REGULATORY, STOP
0.018	0.018	SIGN	N/A	REGULATORY, STOP
0.094	0.094	SIGN	RIGHT	GUIDE, GRAPHIC SIGN, NO TEXT
0.094	0.094	SIGN	RIGHT	GUIDE, UNABLE TO READ FROM VIDEO
0.136	0.136	INTERSECTION	RIGHT	ROUTE 0953 (PISCATAWAY PARK VISITORS CENTER PARKING)
0.143	0.143	SIGN	RIGHT	GUIDE, ALL VISITORS
0.143	0.143	SIGN	RIGHT	GUIDE, STAFF
0.144	0.144	GATE	N/A	CHAIN ROPE
0.182	0.182	SIGN	RIGHT	GUIDE, OFFICE AND SERVICE VEHICLES
0.200	0.200	INTERSECTION	N/A	DEAD END
0.200	0.200	INTERSECTION	LEFT	ROUTE 0101 (COLONIAL FARM ACCESS)
0.200	0.200	ROUTE END	N/A	TO ROUTE 0101

NACE: ROUTE MAINTENANCE FEATURES ROAD LOG

ROUTE 0117: FT DUPONT MAINTENANCE ACCESS ROAD

Notice: Culverts and drop inlets were NOT marked by NPS nor inventoried by RIP in Cycle 4, therefore no culverts or drop inlets are reported in any Road Log. Culverts and drop inlets were inventoried in paved parking areas and can be found in the Parking Lot Condition Rating Sheets (Section 7) and Parkwide Maintenance Features Summary (Section 8).

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.000	0.000	ROUTE BEGIN	N/A	FROM MINNESOTA AVENUE SE
0.000	0.000	INTERSECTION	LEFT	PAVED ROUTE (MINNESOTA AVENUE SE/ NON-NPS)
0.000	0.000	INTERSECTION	RIGHT	PAVED ROUTE (MINNESOTA AVENUE SE/ NON-NPS)
0.000	0.000	SIGN	LEFT	GUIDE, UNABLE TO READ FROM VIDEO
0.000	0.000	SIGN	N/A	REGULATORY, GRAPHIC SIGN, NO TEXT
0.000	0.000	SIGN	N/A	REGULATORY, NO PARKING
0.000	0.000	SIGN	N/A	REGULATORY, UNABLE TO READ FROM VIDEO
0.003	0.268	CURB-AND-GUTTER	LEFT	
0.005	0.126	CURB-AND-GUTTER	RIGHT	
0.006	0.006	SIGN	RIGHT	REGULATORY, STOP
0.008	0.008	SIGN	RIGHT	GUIDE, 3600 F STREET SE
0.008	0.008	SIGN	RIGHT	GUIDE, FORT DUPONT MAINTENANCE YARD
0.019	0.019	SIGN	RIGHT	REGULATORY, SPEED LIMIT 15
0.081	0.081	INTERSECTION	RIGHT	ROUTE 0425 (FT DUPONT SUMMER THEATRE SERVICE ROAD)
0.101	0.101	SIGN	RIGHT	GUIDE, PLEASE DO NOT LITTER
0.107	0.107	SIGN	RIGHT	REGULATORY, 15 M.P.H.
0.107	0.107	SIGN	RIGHT	REGULATORY, WHEN CHILDREN ARE PRESENT
0.107	0.107	SIGN	RIGHT	WARNING, GRAPHIC SIGN, NO TEXT
0.118	0.118	SIGN	RIGHT	REGULATORY, SPEED LIMIT 15
0.118	0.118	SIGN	RIGHT	GUIDE, BUCKLE UP IT'S THE LAW
0.137	0.137	INTERSECTION	RIGHT	ROUTE 0406 (FORT DUPONT MAINTENANCE ACCESS/YARD)
0.149	0.266	CURB-AND-GUTTER	RIGHT	
0.163	0.163	INTERSECTION	RIGHT	ROUTE 0918 (FT. DUPONT MAINTENANCE YARD PARKING)
0.166	0.266	CURB-AND-GUTTER	RIGHT	
0.183	0.183	INTERSECTION	RIGHT	UNPAVED PARKING
0.255	0.255	SIGN	RIGHT	REGULATORY, NO PARKING OR DRIVING ON LAWN AREA
0.260	0.260	INTERSECTION	LEFT	PAVED ROUTE (AUTHORIZED VEHICLES ONLY)
0.263	0.263	INTERSECTION	RIGHT	ROUTE 0919B (FT. DUPONT MAINTENANCE AREA B)
0.269	0.269	INTERSECTION	RIGHT	UNPAVED PARKING
0.273	0.273	SIGN	LEFT	REGULATORY, SERVICE VEHICLES ONLY

NACE: ROUTE MAINTENANCE FEATURES ROAD LOG

ROUTE 0117: FT DUPONT MAINTENANCE ACCESS ROAD

Notice: Culverts and drop inlets were NOT marked by NPS nor inventoried by RIP in Cycle 4, therefore no culverts or drop inlets are reported in any Road Log. Culverts and drop inlets were inventoried in paved parking areas and can be found in the Parking Lot Condition Rating Sheets (Section 7) and Parkwide Maintenance Features Summary (Section 8).

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.273	0.273	SIGN	RIGHT	REGULATORY, SERVICE VEHICLES ONLY
0.280	0.280	INTERSECTION	RIGHT	ROUTE 0920 (FT. DUPONT U.S. PARK POLICE HORSE MOUNTED UNIT PARKING AREA)
0.310	0.310	INTERSECTION	N/A	ROUTE 0920 (FT. DUPONT U.S. PARK POLICE HORSE MOUNTED UNIT PARKING AREA)
0.310	0.310	ROUTE END	N/A	TO ROUTE 0920

NACE: ROUTE MAINTENANCE FEATURES ROAD LOG

ROUTE 0120: FARMINGTON LANDING ACCESS ROAD

Notice: Culverts and drop inlets were NOT marked by NPS nor inventoried by RIP in Cycle 4, therefore no culverts or drop inlets are reported in any Road Log. Culverts and drop inlets were inventoried in paved parking areas and can be found in the Parking Lot Condition Rating Sheets (Section 7) and Parkwide Maintenance Features Summary (Section 8).

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.000	0.000	ROUTE BEGIN	N/A	FROM GATE ON WHARF ROAD
0.000	0.000	INTERSECTION	N/A	PAVED ROUTE (WHARF ROAD / NON-NPS)
0.000	0.000	PARK BOUNDARY	N/A	
0.003	0.003	GATE	N/A	
0.217	0.217	SIGN	RIGHT	WARNING, 15 M.P.H.
0.217	0.217	SIGN	RIGHT	WARNING, NARROW ROAD
0.298	0.298	INTERSECTION	RIGHT	ROUTE 0951 (FARMINGTON LANDING PARKING)
0.300	0.300	INTERSECTION	N/A	ROUTE 0951 (FARMINGTON LANDING PARKING)
0.300	0.300	ROUTE END	N/A	TO FARMINGTON LANDING BOAT LAUNCH RAMP

NACE: ROUTE MAINTENANCE FEATURES ROAD LOG

ROUTE 0123: RIVER ROAD

Notice: Culverts and drop inlets were NOT marked by NPS nor inventoried by RIP in Cycle 4, therefore no culverts or drop inlets are reported in any Road Log. Culverts and drop inlets were inventoried in paved parking areas and can be found in the Parking Lot Condition Rating Sheets (Section 7) and Parkwide Maintenance Features Summary (Section 8).

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.000	0.000	ROUTE BEGIN	N/A	FROM ROUTE 0124
0.000	0.000	INTERSECTION	RIGHT	ROUTE 0124 (MARYLAND STATE HWY 227)
0.000	0.000	INTERSECTION	LEFT	ROUTE 0124 (MARYLAND STATE HWY 227)
0.002	0.002	SIGN	RIGHT	REGULATORY, STOP
0.027	0.027	SIGN	RIGHT	REGULATORY, SPEED LIMIT 35
0.203	0.203	INTERSECTION	RIGHT	UNPAVED ROUTE (GATED)
0.203	0.203	SIGN	LEFT	REGULATORY, NO CLAMPING ALLOWED
0.210	0.210	INTERSECTION	N/A	PAVED ROUTE (RIVER ROAD / NON-NPS)
0.210	0.210	PARK BOUNDARY	N/A	
0.210	0.210	ROUTE END	N/A	TO PARK BOUNDARY AT SIDE GATE

NACE: ROUTE MAINTENANCE FEATURES ROAD LOG

ROUTE 0124: MARYLAND STATE HWY 227

Notice: Culverts and drop inlets were NOT marked by NPS nor inventoried by RIP in Cycle 4, therefore no culverts or drop inlets are reported in any Road Log. Culverts and drop inlets were inventoried in paved parking areas and can be found in the Parking Lot Condition Rating Sheets (Section 7) and Parkwide Maintenance Features Summary (Section 8).

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.000	0.000	ROUTE BEGIN	N/A	FROM PARK BOUNDARY AT SIGN
0.000	0.000	INTERSECTION	N/A	PAVED ROUTE (MARYLAND STATE HIGHWAY 227/ NON-NPS)
0.000	0.000	PARK BOUNDARY	N/A	
0.116	0.116	SIGN	RIGHT	GUIDE, PISCATAWAY PARK MARSHALL HALL
0.305	0.305	INTERSECTION	RIGHT	PAVED ROUTE (BRANITAN PLACE / NON-NPS)
0.309	0.309	SIGN	LEFT	GUIDE, BRANITAN
0.309	0.309	SIGN	RIGHT	GUIDE, BRANITAN
0.611	0.611	SIGN	RIGHT	REGULATORY, DO NOT THROW LITTER $1000 FINE
0.617	0.617	SIGN	RIGHT	REGULATORY, GRAPHIC SIGN, NO TEXT
0.617	0.617	SIGN	RIGHT	GUIDE, UNABLE TO READ FROM VIDEO
0.629	0.629	SIGN	RIGHT	REGULATORY, SPEED LIMIT 50
0.689	0.689	SIGN	RIGHT	REGULATORY, EAST
0.689	0.689	SIGN	RIGHT	REGULATORY, MARYLAND 227
0.718	0.718	INTERSECTION	RIGHT	ROUTE 0300 (MARSHALL HALL ACCESS ROAD)
0.769	0.769	INTERSECTION	RIGHT	ROUTE 0300 (MARSHALL HALL ACCESS ROAD) SPUR
0.785	0.785	SIGN	RIGHT	REGULATORY, MARSHALL HALL
0.785	0.785	SIGN	LEFT	REGULATORY, MARSHALL HALL
0.909	0.909	SIGN	LEFT	GUIDE, RIVER
0.909	0.909	SIGN	RIGHT	GUIDE, RIVER
0.912	0.912	INTERSECTION	LEFT	ROUTE 0123 (RIVER ROAD)
0.944	0.944	INTERSECTION	RIGHT	ROUTE 0300 (MARSHALL HALL ACCESS ROAD)
1.027	1.027	SIGN	RIGHT	WARNING, ROAD ENDS 500 FT
1.074	1.074	INTERSECTION	LEFT	ROUTE 0956 (MARSHALL HALL BOAT RAMP PARKING)
1.082	1.082	SIGN	LEFT	REGULATORY, EXIT ONLY
1.092	1.092	SIGN	LEFT	GUIDE, MARSHALL HALL BOAT LAUNCH
1.120	1.120	INTERSECTION	N/A	DEAD END
1.120	1.120	SIGN	N/A	WARNING, GRAPHIC SIGN, NO TEXT
1.120	1.120	SIGN	N/A	WARNING, GRAPHIC SIGN, NO TEXT
1.120	1.120	INTERSECTION	LEFT	ROUTE 0956 (MARSHALL HALL BOAT RAMP PARKING)
1.120	1.120	ROUTE END	N/A	TO ROUTE 0956

NACE: ROUTE MAINTENANCE FEATURES ROAD LOG

ROUTE 0206: RIDGE PICNIC AREA LOOP

Notice: Culverts and drop inlets were NOT marked by NPS nor inventoried by RIP in Cycle 4, therefore no culverts or drop inlets are reported in any Road Log. Culverts and drop inlets were inventoried in paved parking areas and can be found in the Parking Lot Condition Rating Sheets (Section 7) and Parkwide Maintenance Features Summary (Section 8).

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.000	0.000	ROUTE BEGIN	N/A	FROM ROUTE 0019 AT MP 0.02
0.000	0.000	INTERSECTION	LEFT	ROUTE 0019 (RIDGE PICNIC AREA ROAD)
0.000	0.000	INTERSECTION	RIGHT	ROUTE 0019 (RIDGE PICNIC AREA ROAD)
0.000	0.090	ONE-WAY	N/A	
0.044	0.044	INTERSECTION	RIGHT	ROUTE 0980 (RIDGE PICNIC AREA PARKING)
0.085	0.090	PAVED DITCH	RIGHT	
0.090	0.090	INTERSECTION	LEFT	ROUTE 0019 (RIDGE PICNIC AREA ROAD)
0.090	0.090	INTERSECTION	N/A	ROUTE 0019 (RIDGE PICNIC AREA ROAD)
0.090	0.090	ROUTE END	N/A	TO ROUTE 0019 AT MP 0.03

NACE: ROUTE MAINTENANCE FEATURES ROAD LOG

ROUTE 0300: MARSHALL HALL ACCESS ROAD

Notice: Culverts and drop inlets were NOT marked by NPS nor inventoried by RIP in Cycle 4, therefore no culverts or drop inlets are reported in any Road Log. Culverts and drop inlets were inventoried in paved parking areas and can be found in the Parking Lot Condition Rating Sheets (Section 7) and Parkwide Maintenance Features Summary (Section 8).

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.000	0.000	ROUTE BEGIN	N/A	FROM ROUTE 0124 AT MP 0.72
0.000	0.000	INTERSECTION	N/A	ROUTE 0124 (MARYLAND STATE HWY 227)
0.000	0.000	INTERSECTION	LEFT	ROUTE 0124 (MARYLAND STATE HWY 227)
0.008	0.019	GUARD/GUIDE RAIL	RIGHT	
0.016	0.016	SIGN	RIGHT	REGULATORY, GRAPHIC SIGN, NO TEXT
0.045	0.045	INTERSECTION	LEFT	ROUTE 0300 (MARSHALL HALL ACCESS ROAD) SPUR
0.066	0.066	SIGN	RIGHT	REGULATORY, PARK CLOSED AT DARK
0.068	0.068	SIGN	LEFT	REGULATORY, PARK CLOSED AT DARK
0.222	0.222	INTERSECTION	RIGHT	ROUTE 0301 (MARSHALL HALL LOOP ROAD)
0.225	0.225	SIGN	RIGHT	GUIDE, KEEP PETS ON A LEASH
0.249	0.249	SIGN	RIGHT	REGULATORY, NO PARKING OR DRIVING ON LAWN AREA
0.272	0.272	SIGN	LEFT	REGULATORY, DO NOT ENTER
0.274	0.274	SIGN	RIGHT	REGULATORY, STOP
0.280	0.280	INTERSECTION	RIGHT	ROUTE 0124 (MARYLAND STATE HWY 227)
0.280	0.280	INTERSECTION	LEFT	ROUTE 0124 (MARYLAND STATE HWY 227)
0.280	0.280	ROUTE END	N/A	TO ROUTE 0124 AT MP 0.94

NACE: ROUTE MAINTENANCE FEATURES ROAD LOG

ROUTE 0301: MARSHALL HALL LOOP ROAD

Notice: Culverts and drop inlets were NOT marked by NPS nor inventoried by RIP in Cycle 4, therefore no culverts or drop inlets are reported in any Road Log. Culverts and drop inlets were inventoried in paved parking areas and can be found in the Parking Lot Condition Rating Sheets (Section 7) and Parkwide Maintenance Features Summary (Section 8).

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.000	0.000	ROUTE BEGIN	N/A	FROM ROUTE 0300
0.000	0.000	INTERSECTION	LEFT	ROUTE 0300 (MARSHALL HALL ACCESS ROAD)
0.000	0.000	INTERSECTION	N/A	ROUTE 0300 (MARSHALL HALL ACCESS ROAD)
0.004	0.020	CURB	RIGHT	
0.043	0.043	INTERSECTION	RIGHT	ROUTE 0301 (MARSHALL HALL LOOP ROAD)
0.060	0.087	CURB	RIGHT	
0.077	0.077	SIGN	LEFT	GUIDE, WARNING KEEP OUT HAZARDOUS STRUCTURE KEEP OUT CONTACT PARK VISITOR CENTER FOR INFORMATION U.S. DEPAR
0.085	0.085	SIGN	LEFT	GUIDE, WARNING KEEP OUT HAZARDOUS STRUCTURE KEEP OUT CONTACT PARK VISITOR CENTER FOR INFORMATION U.S. DEPAR
0.094	0.094	INTERSECTION	RIGHT	UNPAVED ROUTE
0.130	0.130	INTERSECTION	N/A	ROUTE 0301 (MARSHALL HALL LOOP ROAD)
0.130	0.130	INTERSECTION	RIGHT	ROUTE 0301 (MARSHALL HALL LOOP ROAD)
0.130	0.130	ROUTE END	N/A	TO END OF LOOP

NACE: ROUTE MAINTENANCE FEATURES ROAD LOG

ROUTE 0402: KENILWORTH MAINTENANCE ACCESS

Notice: Culverts and drop inlets were NOT marked by NPS nor inventoried by RIP in Cycle 4, therefore no culverts or drop inlets are reported in any Road Log. Culverts and drop inlets were inventoried in paved parking areas and can be found in the Parking Lot Condition Rating Sheets (Section 7) and Parkwide Maintenance Features Summary (Section 8).

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.000	0.000	ROUTE BEGIN	N/A	FROM ANACOSTIA AVENUE NE
0.000	0.000	INTERSECTION	N/A	PAVED ROUTE (ANACOSTIA AVENUE / NON-NPS)
0.000	0.000	INTERSECTION	RIGHT	PAVED ROUTE (ANACOSTIA AVENUE / NON-NPS)
0.002	0.002	SIGN	RIGHT	GUIDE, BUCKLE UP IT'S THE LAW
0.002	0.002	SIGN	RIGHT	REGULATORY, STOP
0.004	0.024	CURB	RIGHT	
0.024	0.024	SIGN	LEFT	REGULATORY, SPEED LIMIT 10 MPH
0.069	0.069	SIGN	N/A	REGULATORY, STOP
0.070	0.070	SIGN	N/A	REGULATORY, STOP
0.070	0.070	GATE	N/A	
0.080	0.080	INTERSECTION	N/A	ROUTE 0906 (KENILWORTH MAINTENANCE YARD)
0.080	0.080	SIGN	N/A	GUIDE, KENILWORTH MAINTENANCE YARD
0.080	0.080	SIGN	N/A	GUIDE, UNABLE TO READ FROM VIDEO
0.080	0.080	ROUTE END	N/A	TO ROUTE 0906

NACE: ROUTE MAINTENANCE FEATURES ROAD LOG

ROUTE 0404: RIVER TERRACE ROAD

Notice: Culverts and drop inlets were NOT marked by NPS nor inventoried by RIP in Cycle 4, therefore no culverts or drop inlets are reported in any Road Log. Culverts and drop inlets were inventoried in paved parking areas and can be found in the Parking Lot Condition Rating Sheets (Section 7) and Parkwide Maintenance Features Summary (Section 8).

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.000	0.000	ROUTE BEGIN	N/A	FROM ANACOSTIA AVENUE NE
0.000	0.000	INTERSECTION	LEFT	PAVED ROUTE (ANACOSTIA AVENUE NE / NON-NPS)
0.000	0.000	INTERSECTION	RIGHT	PAVED ROUTE (ANACOSTIA AVENUE NE / NON-NPS)
0.008	0.008	SIGN	RIGHT	REGULATORY, DO NOT ENTER
0.008	0.008	SIGN	RIGHT	REGULATORY, SERVICE VEHICLES ONLY
0.008	0.008	SIGN	LEFT	REGULATORY, DO NOT ENTER
0.008	0.008	SIGN	LEFT	REGULATORY, SERVICE VEHICLES ONLY
0.029	0.029	SIGN	RIGHT	GUIDE, UNABLE TO READ FROM VIDEO
0.050	0.050	INTERSECTION	N/A	ROUTE 0404 (RIVER TERRACE ROAD) UNPAVED SECTION
0.050	0.050	ROUTE END	N/A	TO END OF PAVEMENT

NACE: ROUTE MAINTENANCE FEATURES ROAD LOG

ROUTE 0406: FORT DUPONT MAINTENANCE ACCESS/YARD

Notice: Culverts and drop inlets were NOT marked by NPS nor inventoried by RIP in Cycle 4, therefore no culverts or drop inlets are reported in any Road Log. Culverts and drop inlets were inventoried in paved parking areas and can be found in the Parking Lot Condition Rating Sheets (Section 7) and Parkwide Maintenance Features Summary (Section 8).

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.000	0.000	ROUTE BEGIN	N/A	FROM ROUTE 0117
0.000	0.000	INTERSECTION	LEFT	ROUTE 0117 (FT DUPONT MAINTENANCE ACCESS ROAD)
0.000	0.000	INTERSECTION	N/A	ROUTE 0117 (FT DUPONT MAINTENANCE ACCESS ROAD)
0.004	0.060	CURB-AND-GUTTER	RIGHT	
0.014	0.060	CURB-AND-GUTTER	LEFT	
0.059	0.059	FIRE HYDRANT	RIGHT	
0.060	0.060	INTERSECTION	N/A	ROUTE 0919A (FT. DUPONT MAINTENANCE AREA A)
0.060	0.060	SIGN	RIGHT	REGULATORY, STOP
0.060	0.060	ROUTE END	N/A	TO ROUTE 0919A

NACE: ROUTE MAINTENANCE FEATURES ROAD LOG

ROUTE 0408: BOTTOM ROAD

Notice: Culverts and drop inlets were NOT marked by NPS nor inventoried by RIP in Cycle 4, therefore no culverts or drop inlets are reported in any Road Log. Culverts and drop inlets were inventoried in paved parking areas and can be found in the Parking Lot Condition Rating Sheets (Section 7) and Parkwide Maintenance Features Summary (Section 8).

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.000	0.000	ROUTE BEGIN	N/A	FROM ROUTE 0010
0.000	0.000	INTERSECTION	N/A	ROUTE 0010 (OXON HILL VISITOR CENTER ENTRANCE ROAD)
0.003	0.003	GATE	N/A	
0.031	0.031	INTERSECTION	LEFT	ROUTE 0410 (RESIDENCE ACCESS)
0.041	0.041	SIGN	RIGHT	REGULATORY, SPEED LIMIT 15
0.072	0.072	GATE	N/A	
0.073	0.256	PAVED DITCH	LEFT	
0.074	0.118	PAVED DITCH	RIGHT	
0.357	0.625	PAVED DITCH	RIGHT	
0.650	0.650	INTERSECTION	RIGHT	ROUTE 0407 (BACK ROAD)
0.656	0.656	INTERSECTION	LEFT	UNPAVED ROUTE (FARM ACCESS)
0.819	0.819	INTERSECTION	LEFT	ROUTE 0409 (NURSERY ROAD)
0.819	0.819	INTERSECTION	RIGHT	ROUTE 0411 (OXON HILL BIKE TRAIL AND MAINTENANCE ACCESS)
0.820	0.820	ROUTE END	N/A	TO ROUTE 0409 AND 0411

NACE: ROUTE MAINTENANCE FEATURES ROAD LOG

ROUTE 0410: RESIDENCE ACCESS

Notice: Culverts and drop inlets were NOT marked by NPS nor inventoried by RIP in Cycle 4, therefore no culverts or drop inlets are reported in any Road Log. Culverts and drop inlets were inventoried in paved parking areas and can be found in the Parking Lot Condition Rating Sheets (Section 7) and Parkwide Maintenance Features Summary (Section 8).

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.000	0.000	ROUTE BEGIN	N/A	FROM ROUTE 0408
0.000	0.000	INTERSECTION	N/A	ROUTE 0408 (BOTTOM ROAD)
0.000	0.000	INTERSECTION	RIGHT	ROUTE 0408 (BOTTOM ROAD)
0.011	0.011	SIGN	LEFT	REGULATORY, DO NOT ENTER
0.090	0.090	INTERSECTION	N/A	DEAD END
0.090	0.090	ROUTE END	N/A	TO OXON HILL RESIDENCE

NACE: ROUTE MAINTENANCE FEATURES ROAD LOG

ROUTE 0424: USPP TRAINING FACILITIES ROAD

Notice: Culverts and drop inlets were NOT marked by NPS nor inventoried by RIP in Cycle 4, therefore no culverts or drop inlets are reported in any Road Log. Culverts and drop inlets were inventoried in paved parking areas and can be found in the Parking Lot Condition Rating Sheets (Section 7) and Parkwide Maintenance Features Summary (Section 8).

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.000	0.000	ROUTE BEGIN	N/A	FROM ROUTE 0104
0.000	0.000	INTERSECTION	RIGHT	ROUTE 0104 (HEADQUARTERS ACCESS)
0.000	0.000	INTERSECTION	LEFT	ROUTE 0104 (HEADQUARTERS ACCESS)
0.110	0.110	INTERSECTION	N/A	DEAD END
0.110	0.110	ROUTE END	N/A	TO END OF PAVEMENT

NACE: ROUTE MAINTENANCE FEATURES ROAD LOG

ROUTE 0425: FT DUPONT SUMMER THEATRE SERVICE ROAD

Notice: Culverts and drop inlets were NOT marked by NPS nor inventoried by RIP in Cycle 4, therefore no culverts or drop inlets are reported in any Road Log. Culverts and drop inlets were inventoried in paved parking areas and can be found in the Parking Lot Condition Rating Sheets (Section 7) and Parkwide Maintenance Features Summary (Section 8).

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.000	0.000	ROUTE BEGIN	N/A	FROM ROUTE 0117
0.000	0.000	INTERSECTION	LEFT	ROUTE 0117 (FT DUPONT MAINTENANCE ACCESS ROAD)
0.000	0.000	INTERSECTION	RIGHT	ROUTE 0117 (FT DUPONT MAINTENANCE ACCESS ROAD)
0.007	0.007	SIGN	LEFT	REGULATORY, SERVICE VEHICLES ONLY
0.056	0.056	INTERSECTION	LEFT	UNPAVED PARKING
0.084	0.090	CURB	LEFT	
0.085	0.090	CURB	RIGHT	
0.089	0.089	SIGN	RIGHT	REGULATORY, SERVICE VEHICLES ONLY
0.090	0.090	INTERSECTION	N/A	ROUTE 0922 (FT. DUPONT ACTIVITY CENTER PARKING)
0.090	0.090	ROUTE END	N/A	TO ROUTE 0922

National Capital Parks - East

Section 10
Appendix

APPENDIX A: GLOSSARY OF TERMS AND ABBREVIATIONS

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

APPENDIX B: DESCRIPTION OF RATING SYSTEM

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

Data is collected on the following distresses and conditions:

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

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

Calculation of Index Values

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

Condition Ranges for all Indices

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

Alligator Crack Index

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

Where :

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

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

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

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

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

Severity Levels:

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

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

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

Longitudinal Crack Index

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

Where:

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

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

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

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

Severity Levels:

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

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

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

Transverse Crack Index

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

Where:

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

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

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

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

Severity Levels:

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

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

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

Patching Index

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

Where:

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

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

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

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

There are no severity levels for patching.

Rutting Index

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

Where:

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

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

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

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

Severity Levels:

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

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

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

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

Roughness Condition Index

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

Where:

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

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

There is no applicable threshold for failure for this index.

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

Surface Condition Rating Index

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

Where:

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

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

Pavement Condition Rating Index Asphaltic Concrete Pavement (AS)

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

Where:

See above for determinations of SCR and RCI.

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

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

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

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

Pavement Condition Rating Index Portland Cement Concrete Pavement (CO)

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

Where:

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

Parking Lot and Manually Rated Road Condition Rating

Surface Condition Distresses- Chip Seal:

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

Ratings - Chip Seal:

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

Surface Condition - Asphalt:

Cracking of any type
Rutting
Potholes/Patching

Ratings - Asphalt:

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

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

Under Construction 100

Excellent 97

Good 90

Fair 73

Poor 45

APPENDIX C: GENERAL INFORMATION ON RIP SYSTEMS

DMI (Distance Measuring Instrument)

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

Digital Image Information

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

Right-of-way (ROW) Video

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

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

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

Pavement Video

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

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

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

FHWA ARAN GPS & Inertial System

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

GPS Collected on Manually Rated Routes

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

GPS SHAPEFILES

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

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

Condition Photos Taken of Manually Rated Roads

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

Scenic Photos

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

APPENDIX D: METADATA

FHWA – NPS Road Inventory Program Cycle 4 Metadata

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

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

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

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

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

Specific Caveats

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

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

Key to Notes in Tables

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

Access Database Metadata

MASTER Table Metadata:

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

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

PMS_FEATURE Table Metadata:

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

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

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

List of Roadway Features

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

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

PMS_20, PMS_MILE, & PMS_TENTH Tables Metadata:

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

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

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

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

ROUTE_GPS table metadata:

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

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

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

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

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

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

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

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

Database Name: ROUTEINFO.mdb
Table Name: PARK_TOTALS

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

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

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

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

Business Practices for Route Numbering and Roadway Asset Identification

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

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

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

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

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

Proposed Actions:

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

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

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

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

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

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

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

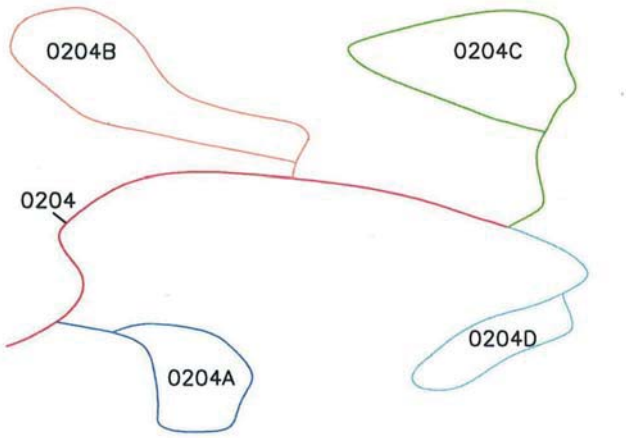

Figure 1: Campground with five routes and five assets

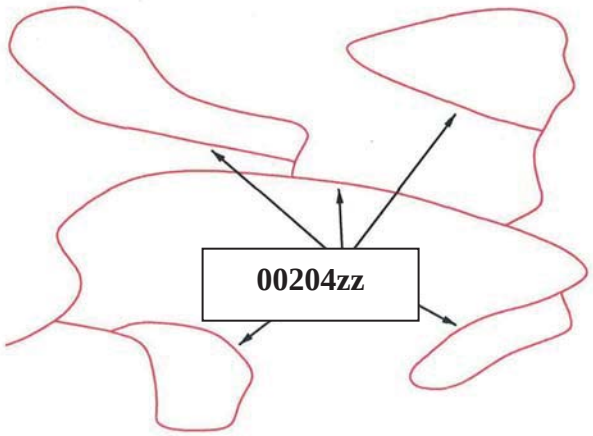

Figure 2: Campground with all loops combined into one route and one asset. This has eliminated four assets.

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

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

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

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

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

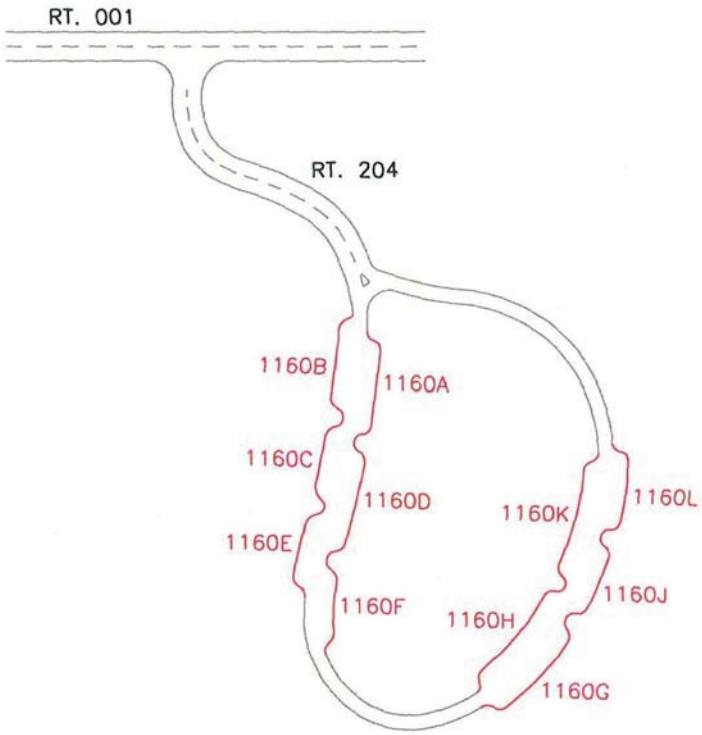

Figure 3: Parking with access route 204 and multiple parking areas (1160 A-L). Currently, this parking area is 12 routes and 12 assets (one 1100 asset and 11 1300 assets).

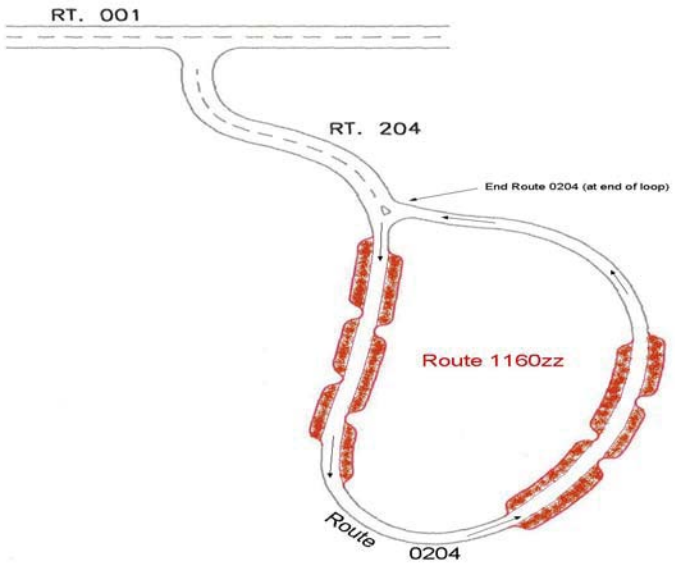

Figure 4: Parking with access route 204 and one parking area 1160zz. Route 204 is assumed longer than 0.25 miles. There are now 2 assets (one 1100 asset, one 1300 asset) instead of 12.

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

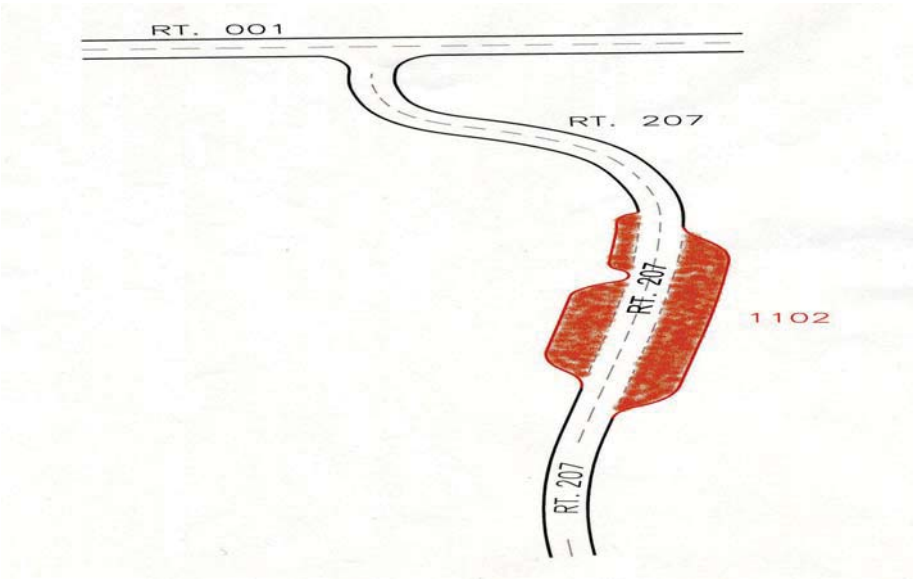

Figure 5: Parking with access route 207 running through and continuing beyond parking 1102. This access route cannot be considered a part of the parking area and two routes and two assets continue to exist.

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

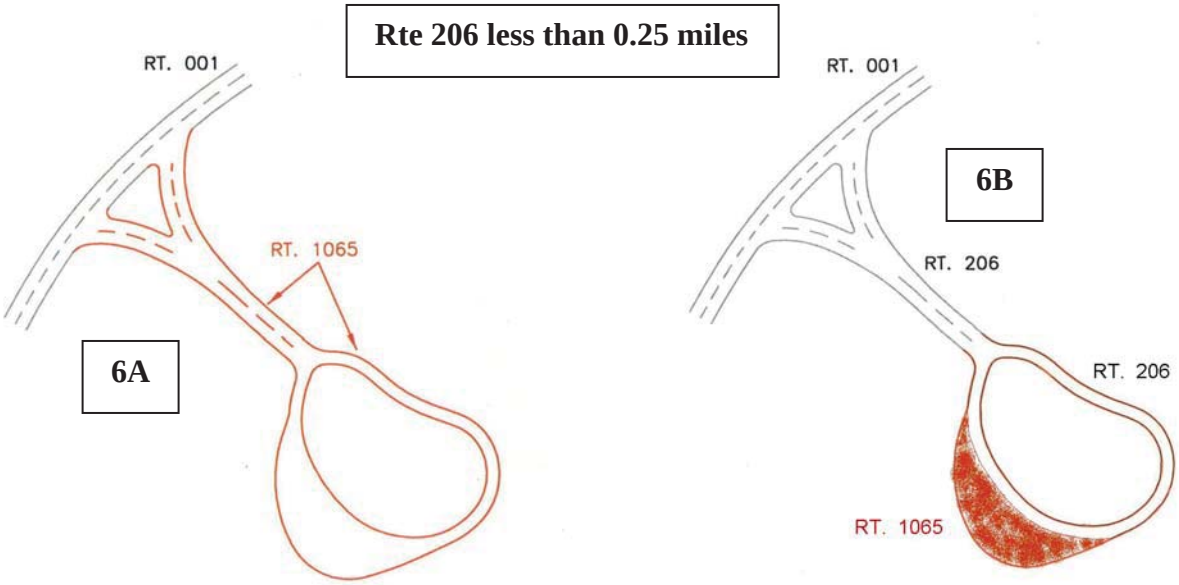

Figure 6: Since the access route is less than .25 miles in length and the only use of the access is to the parking, one route for both the access and the parking area can be established.

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

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

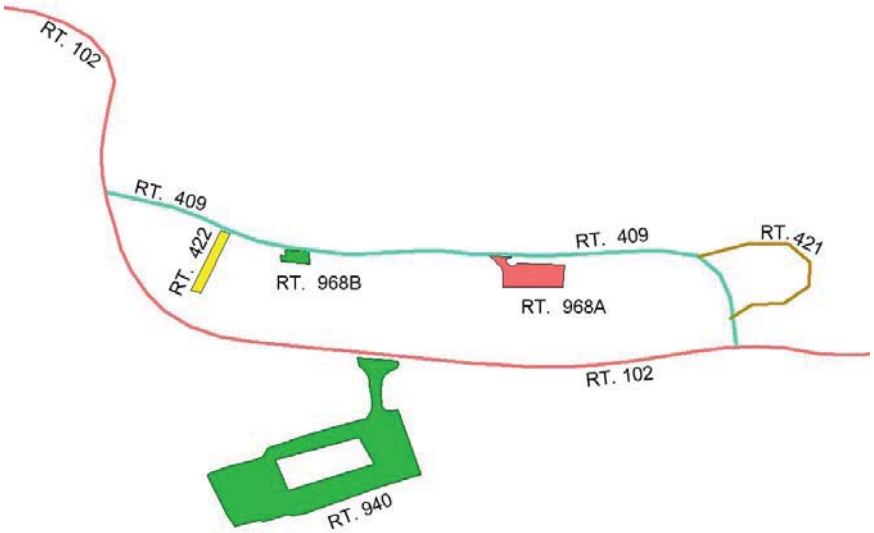

Figure 7 – Current Housing area access configuration. Route 409 is less than 0.25 miles long.

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

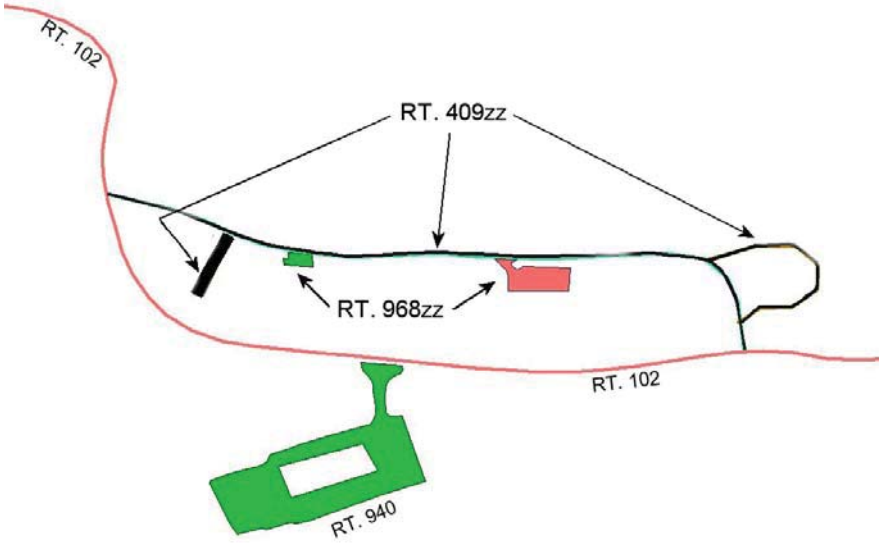

Figure 8 – Combined housing area access configuration – Parking and road assets combined to eliminate 3 assets.