national park service

The Road Inventory
of
Point Reyes National Seashore
PORE – 8530
Cycle 4

Prepared By:
Federal Highway Administration
Road Inventory Program
Cycle 4

Point Reyes National Seashore in California

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Point Reyes National Seashore

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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Point Reyes National Seashore

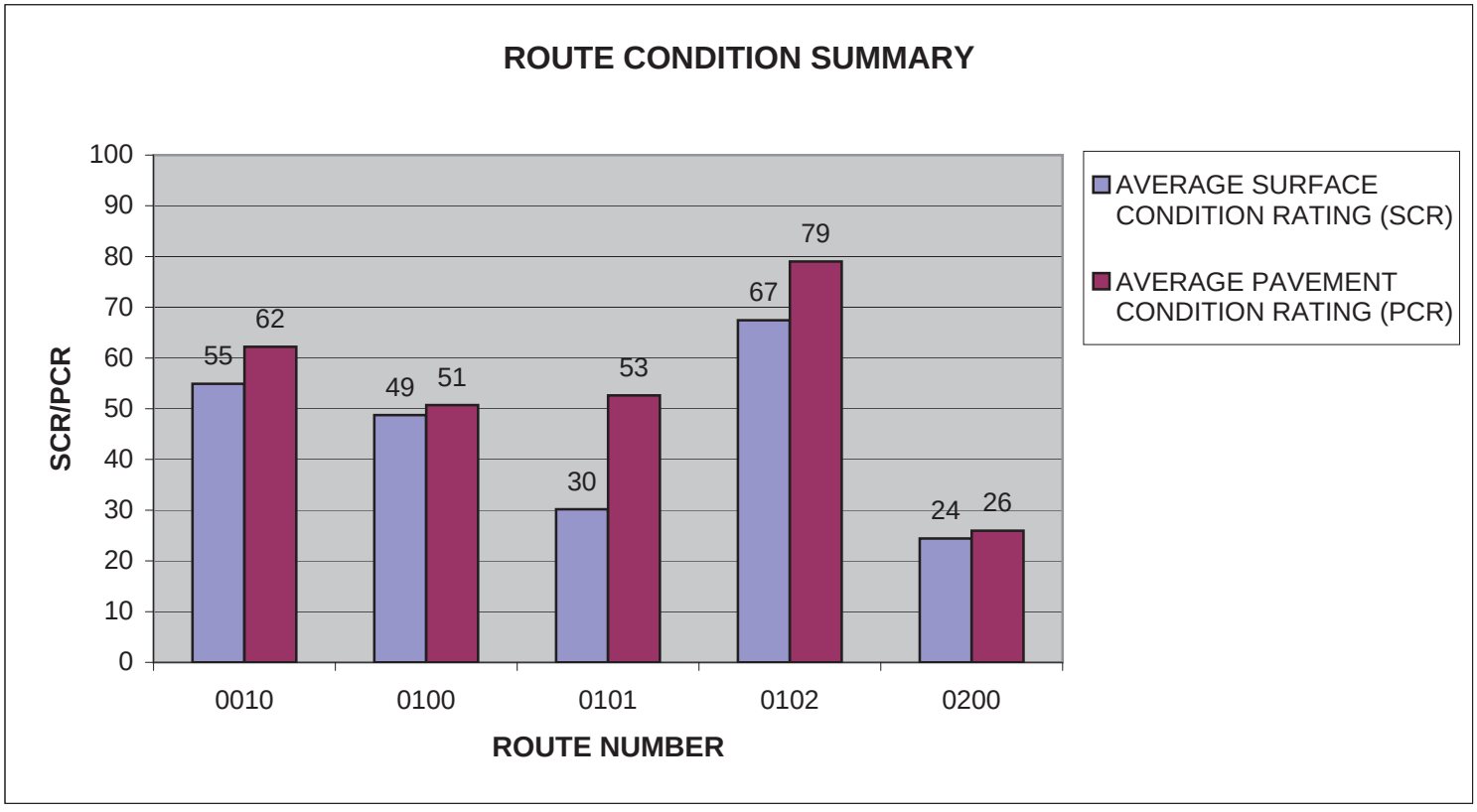
Section 2
Park Summary Information

PORE: 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	2.99	12.94%	4.58	19.82%					**7.57**
2	1.50	6.49%	1.12	4.85%	0.18	0.78%			**2.80**
3	8.29	35.87%	0.66	2.86%	0.12	0.52%			**9.07**
4									
5	2.12	9.17%	0.66	2.86%	0.06	0.26%	0.02	0.09%	**2.86**
6	0.81	3.50%							**0.81**
7									
8									
Totals	**15.71**	**67.98%**	**7.02**	**30.37%**	**0.36**	**1.56%**	**0.02**	**0.09%**	**23.11**

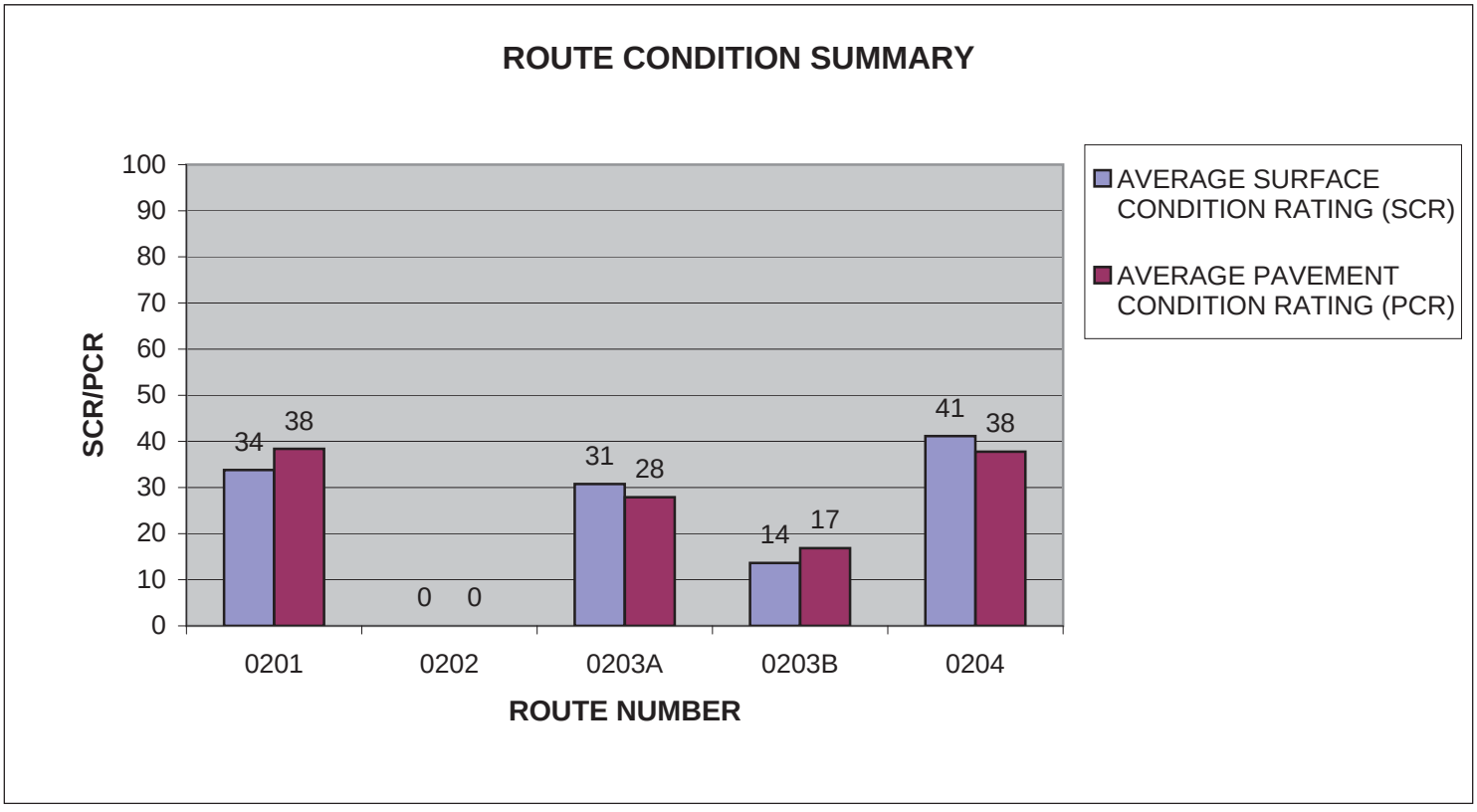
PORE: ROUTE CONDITION SUMMARY

ROUTE NUMBER	ROUTE NAME	FUNCT CLASS	ROUTE LENGTH	SURFACE TYPE	AVERAGE SURFACE CONDITION RATING (SCR)	AVERAGE PAVEMENT CONDITION RATING (PCR)
0010	LIMANTOUR ROAD	1	7.57	ASPHALT	55	62
0100	SOUTH BEACH ROAD	2	0.70	ASPHALT	49	51
0101	DRAKES BEACH ROAD	2	1.50	ASPHALT	30	53
0102	NORTH BEACH ROAD	2	0.60	ASPHALT	67	79
0200	LIGHTHOUSE ROAD	3	1.48	ASPHALT	24	26



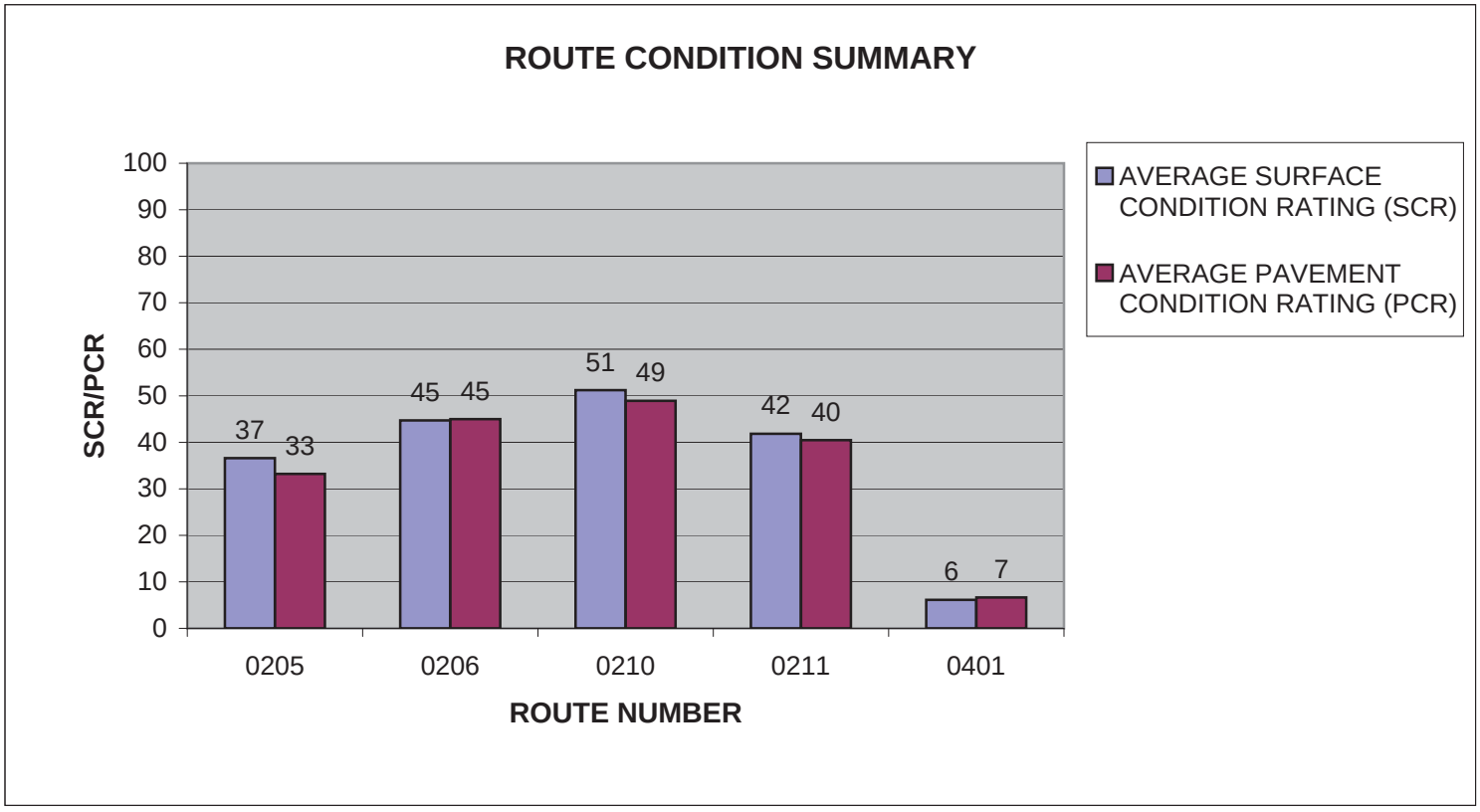
PORE: ROUTE CONDITION SUMMARY

ROUTE NUMBER	ROUTE NAME	FUNCT CLASS	ROUTE LENGTH	SURFACE TYPE	AVERAGE SURFACE CONDITION RATING (SCR)	AVERAGE PAVEMENT CONDITION RATING (PCR)
0201	CHIMNEY ROCK ROAD	3	0.91	ASPHALT	34	38
0202	SCHOONER BAY ROAD (OYSTER FARM ROAD)	3	0.76	ASPHALT	0	0
0203A	ESTERO TRAILHEAD ROAD	3	0.97	ASPHALT	31	28
0203B	HOME RANCH ROAD	6	0.68	ASPHALT	14	17
0204	MOUNT VISION ROAD	3	3.86	ASPHALT	41	38



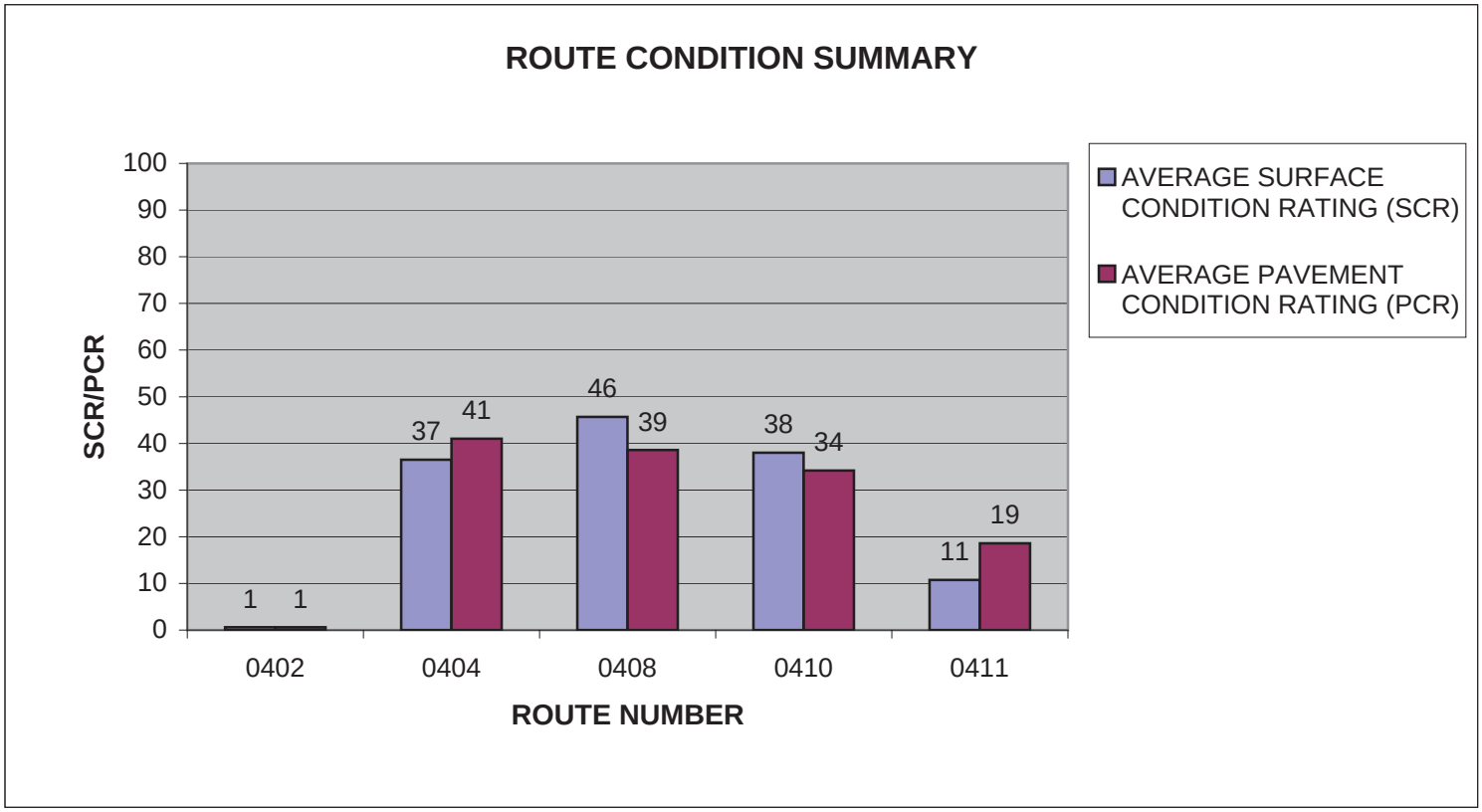
PORE: ROUTE CONDITION SUMMARY

ROUTE NUMBER	ROUTE NAME	FUNCT CLASS	ROUTE LENGTH	SURFACE TYPE	AVERAGE SURFACE CONDITION RATING (SCR)	AVERAGE PAVEMENT CONDITION RATING (PCR)
0205	MCCLURE BEACH ACCESS ROAD	3	0.2	ASPHALT	37	33
0206	LIMANTOUR BEACH TRAIL ACCESS ROAD	3	0.37	ASPHALT	45	45
0210	LAGUNA ROAD	3	0.65	ASPHALT	51	49
0211	BEAR VALLEY TRAILHEAD ROAD	3	0.33	ASPHALT	42	40
0401	LIFEBOAT STATION ROAD	5	0.35	ASPHALT	6	7



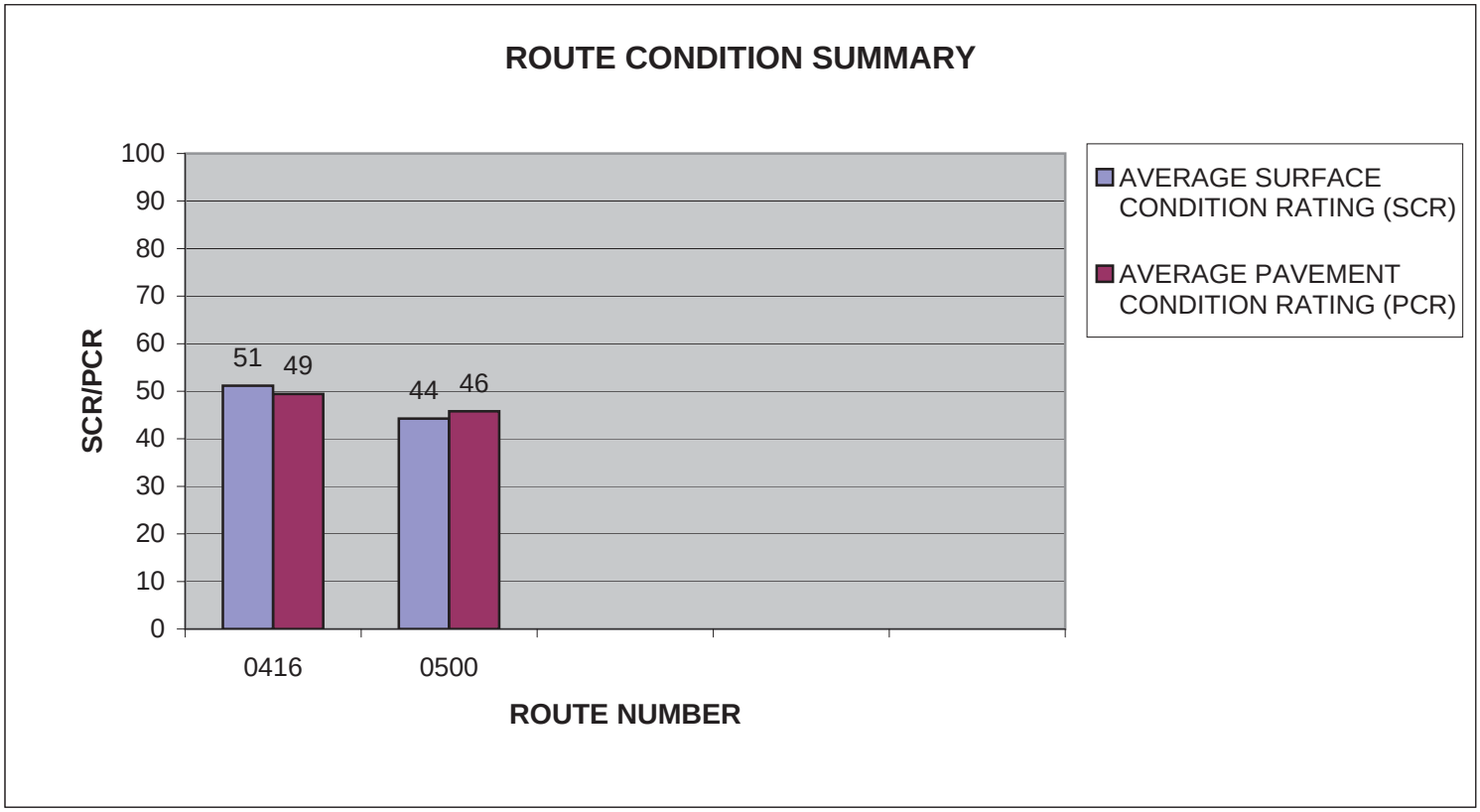
PORE: ROUTE CONDITION SUMMARY

ROUTE NUMBER	ROUTE NAME	FUNCT CLASS	ROUTE LENGTH	SURFACE TYPE	AVERAGE SURFACE CONDITION RATING (SCR)	AVERAGE PAVEMENT CONDITION RATING (PCR)
0402	FISH DOCKS (MENDOZA) ROAD	6	0.13	ASPHALT	1	1
0404	LIMANTOUR RESIDENCE ROAD WEST	5	0.08	ASPHALT	37	41
0408	MORGAN HORSE RANCH ROAD	5	0.24	ASPHALT	46	39
0410	BEAR VALLEY MAINTENANCE ACCESS ROAD	5	0.22	ASPHALT	38	34
0411	NORTH OPERATIONS CENTER ROAD	3	0.24	ASPHALT	11	19



PORE: ROUTE CONDITION SUMMARY

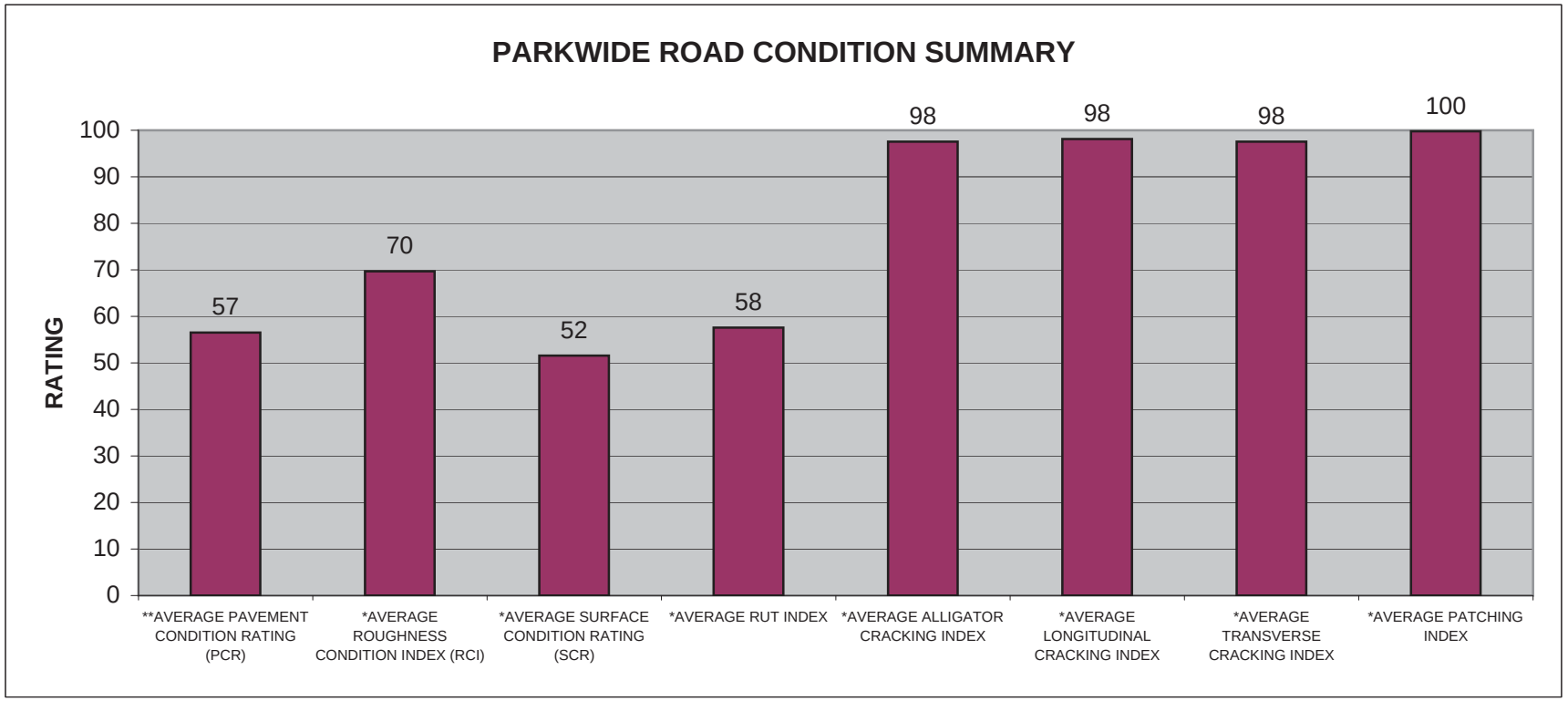
ROUTE NUMBER	ROUTE NAME	FUNCT CLASS	ROUTE LENGTH	SURFACE TYPE	AVERAGE SURFACE CONDITION RATING (SCR)	AVERAGE PAVEMENT CONDITION RATING (PCR)
0416	CROSS MARIN TRAIL ROAD	5	1.6	ASPHALT	51	49
0500	LIMANTOUR RESIDENCE ROAD EAST	5	0.37	ASPHALT	44	46



PORE: PARKWIDE ROAD 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
57	70	52	58	98	98	98	100

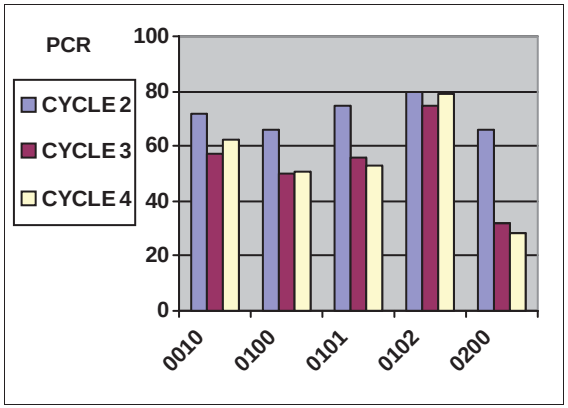
*** PCR Index is based on all ARAN-driven roads, parking areas, and manually rated routes.*
** Index values are based on ARAN-driven roads only.*

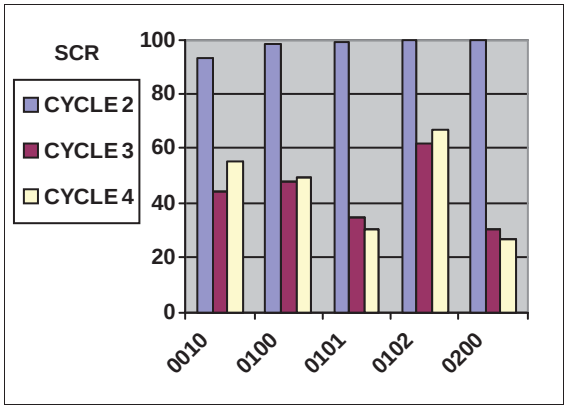


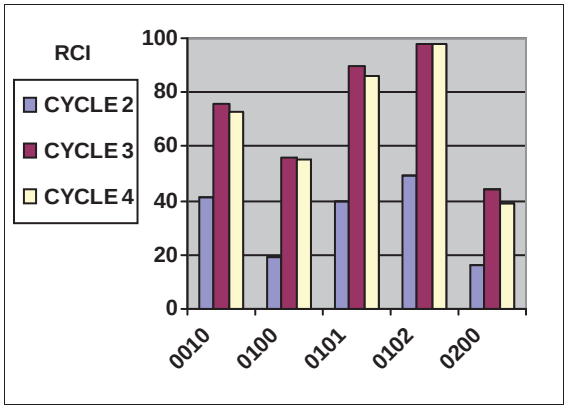
PORE : CYCLE 2 vs CYCLE 3 vs CYCLE 4 CONDITION COMPARISONS

ROUTE NUMBER	ROUTE LENGTH	FROM MILEPOST	TO MILEPOST	PAVEMENT CONDTION 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	
0010	7.57	0.00	7.57	72	57	62	+9%	93	44	55	+25%	41	76	73	-4%	
0100	0.70	0.00	0.70	66	50	51	+2%	98	48	49	+2%	19	56	55	-2%	
0101	1.56	0.00	1.56	75	56	53	-5%	99	35	30	-14%	40	90	86	-4%	
0102	0.60	0.00	0.60	80	75	79	+5%	100	62	67	+8%	49	98	98	0%	
0200	1.05	0.00	1.05	66	32	28	-13%	100	30	27	-10%	16	44	39	-11%	

* - denotes a comment





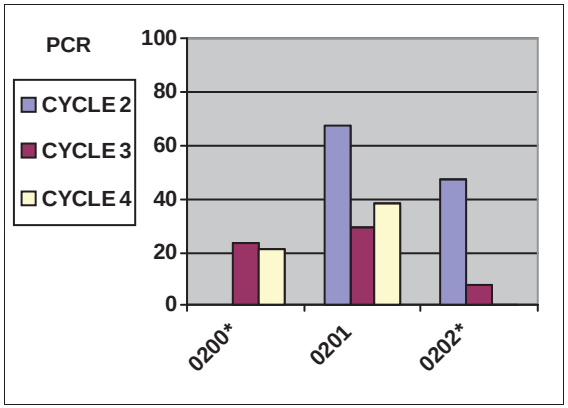


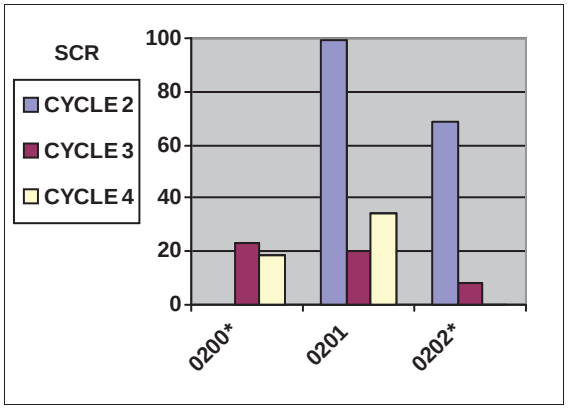
Cycle 4 Data Collected 7/17/2006 - 7/22/2006

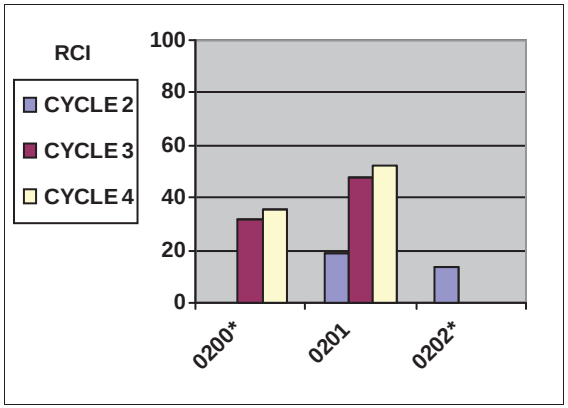
PORE : CYCLE 2 vs CYCLE 3 vs CYCLE 4 CONDITION COMPARISONS

				PAVEMENT CONDTION RATING (PCR)				SURFACE CONDITION RATING (SCR)				ROUGHNESS CONDITION INDEX (RCI)				
ROUTE NUMBER	ROUTE LENGTH	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
0200*	0.43	1.05	1.48	N/A	23	21	-9%	N/A	23	19	-17%	N/A	32	36	+13%	This section of Route 0200 was Route 0400 in Cycle 3. Route 0400 was not collected in Cycle 2.
0201	0.91	0.00	0.91	67	29	38	+31%	99	20	34	+70%	19	48	52	+8%	
0202*	0.07	0.00	0.07	47	8	0	-100%	69	8	0	-100%	14	N/A	N/A	N/A	RCI was not collected in Cycle 3 or Cycle 4.

* - denotes a comment





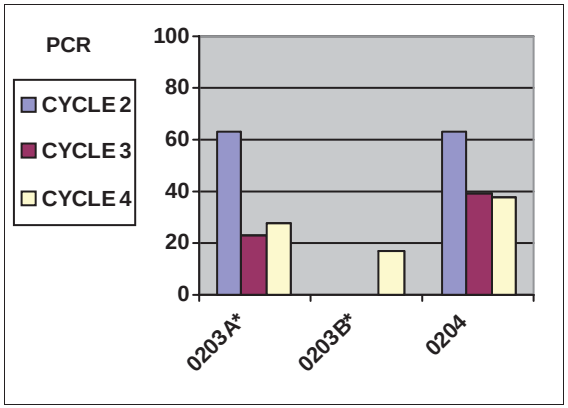


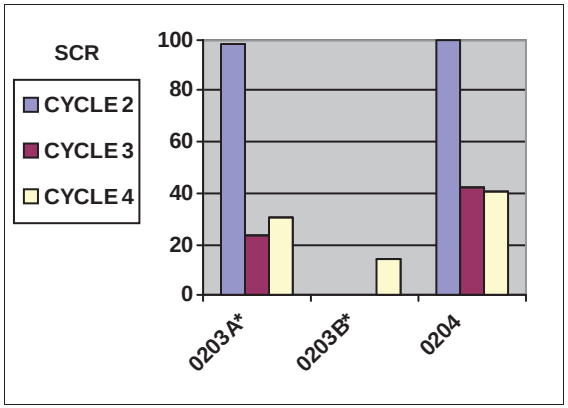
Cycle 4 Data Collected 7/17/2006 - 7/22/2006

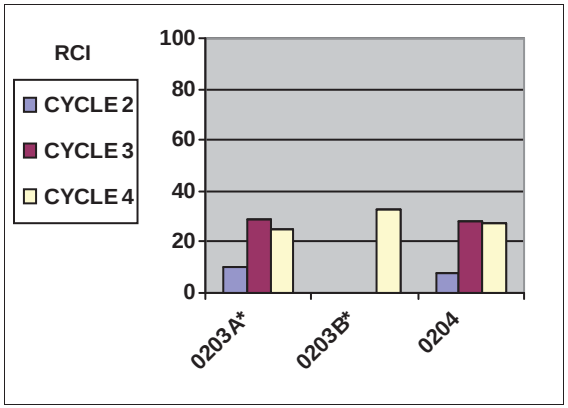
PORE : CYCLE 2 vs CYCLE 3 vs CYCLE 4 CONDITION COMPARISONS

ROUTE NUMBER	ROUTE LENGTH	FROM MILEPOST	TO MILEPOST	PAVEMENT CONDTION 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	
0203A*	0.97	0.00	0.97	63	23	28	+22%	98	24	31	+29%	10	29	25	-14%	Route 0203A was named 0203 in Cycle 2 and Cycle 3.
0203B*	0.68	0.00	0.68	N/A	N/A	17	N/A	N/A	N/A	14	N/A	N/A	N/A	33	N/A	Route 0203B was not collected in Cycle 2 or Cycle 3.
0204	3.86	0.00	3.86	63	39	38	-3%	100	42	41	-2%	8	28	27	-4%	

* - denotes a comment





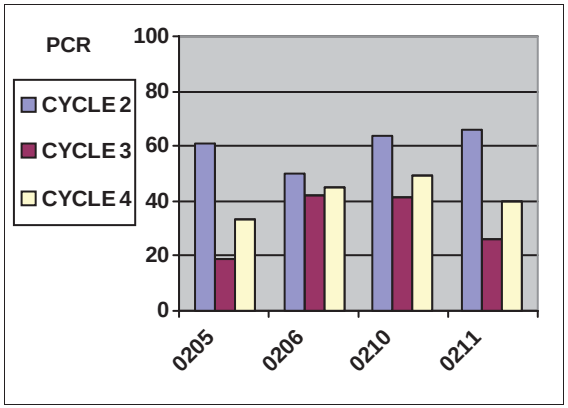


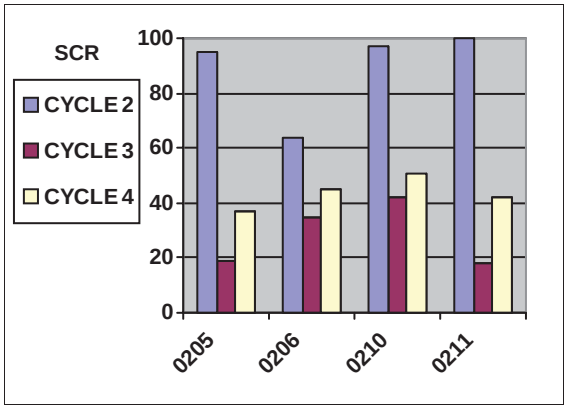
Cycle 4 Data Collected 7/17/2006 - 7/22/2006

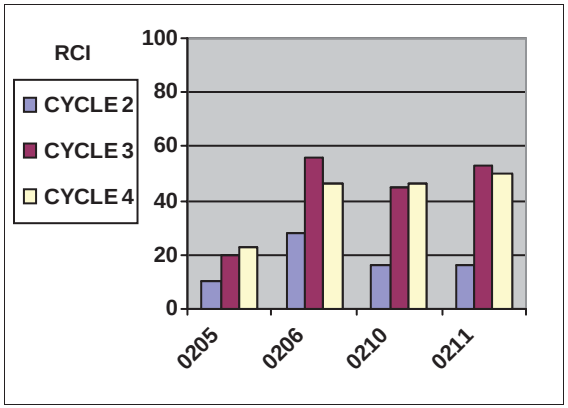
PORE : CYCLE 2 vs CYCLE 3 vs CYCLE 4 CONDITION COMPARISONS

ROUTE NUMBER	ROUTE LENGTH	FROM MILEPOST	TO MILEPOST	PAVEMENT CONDTION 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	
0205	0.20	0.00	0.20	61	19	33	+74%	95	19	37	+95%	10	20	23	+15%	
0206	0.37	0.00	0.37	50	42	45	+7%	64	35	45	+29%	28	56	46	-18%	
0210	0.65	0.00	0.65	64	41	49	+20%	97	42	51	+21%	16	45	46	+2%	
0211	0.33	0.00	0.33	66	26	40	+54%	100	18	42	+133%	16	53	50	-6%	

* - denotes a comment





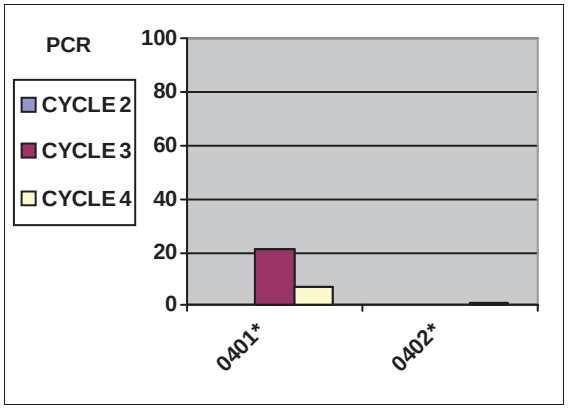


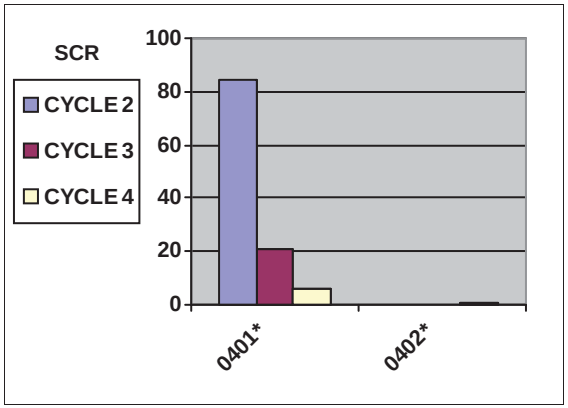
Cycle 4 Data Collected 7/17/2006 - 7/22/2006

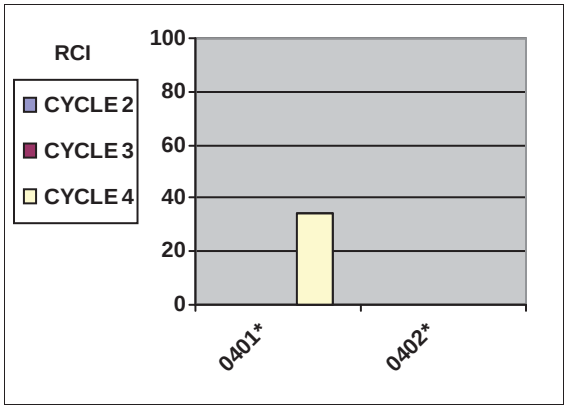
PORE : CYCLE 2 vs CYCLE 3 vs CYCLE 4 CONDITION COMPARISONS

ROUTE NUMBER	ROUTE LENGTH	FROM MILEPOST	TO MILEPOST	PAVEMENT CONDTION 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	
0401*	0.38	0.00	0.38	N/A	21	7	-67%	84	21	6	-71%	N/A	N/A	34	N/A	PCR and RCI for 0401 were not collected in Cycle 2. RCI for 0401 was not collected in Cycle 3.
0402*	0.13	0.00	0.13	N/A	N/A	1	N/A	N/A	N/A	1	N/A	N/A	N/A	N/A	N/A	Route 0402 was not collected in Cycle 2 or Cycle 3. RCI for Route 0408 was not collected in Cycle 4.

* - denotes a comment



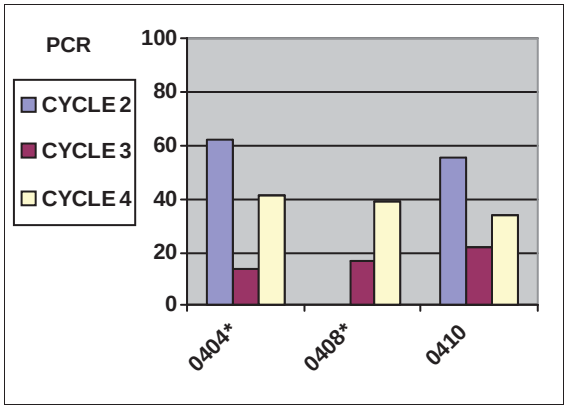


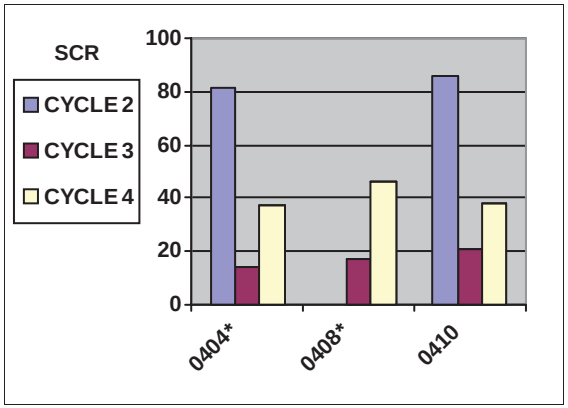


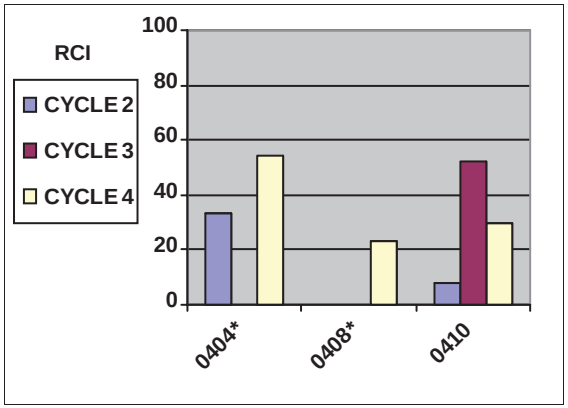
PORE : CYCLE 2 vs CYCLE 3 vs CYCLE 4 CONDITION COMPARISONS

ROUTE NUMBER	ROUTE LENGTH	FROM MILEPOST	TO MILEPOST	PAVEMENT CONDTION 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	
0404*	0.08	0.00	0.08	62	15	41	+173%	81	15	37	+147%	33	N/A	54	N/A	RCI for Route 0404 was not collected in Cycle 3.
0408*	0.24	0.00	0.24	N/A	17	39	+129%	N/A	17	46	+171%	N/A	N/A	23	N/A	Route 0408 was not collected in Cycle 2. RCI for Route 0408 was not collected in Cycle 3.
0410	0.22	0.00	0.22	55	22	34	+55%	86	21	38	+81%	8	52	30	-42%	

* - denotes a comment





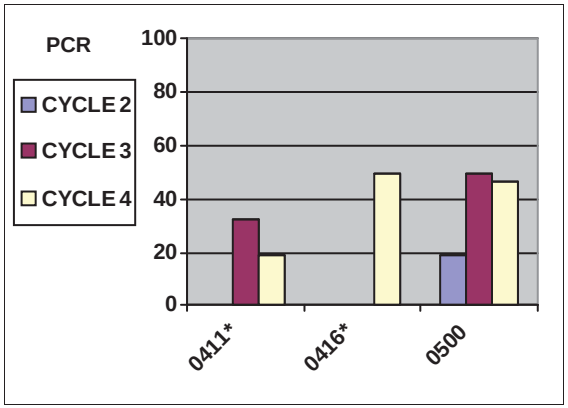


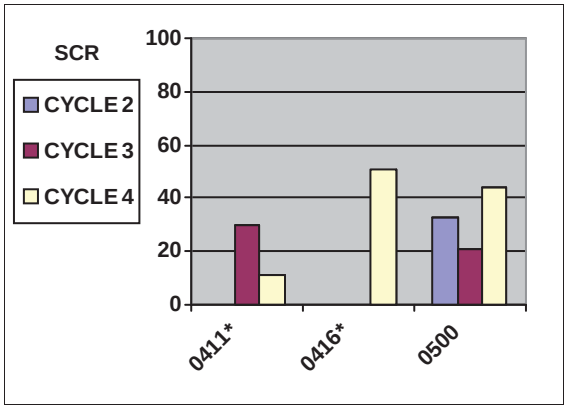
Cycle 4 Data Collected 7/17/2006 - 7/22/2006

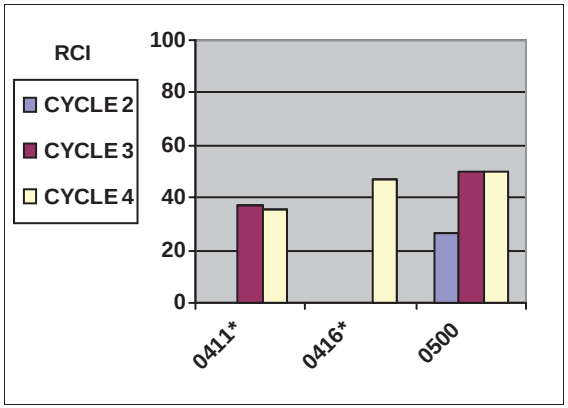
PORE : CYCLE 2 vs CYCLE 3 vs CYCLE 4 CONDITION COMPARISONS

ROUTE NUMBER	ROUTE LENGTH	FROM MILEPOST	TO MILEPOST	PAVEMENT CONDTION 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	
0411*	0.26	0.00	0.26	N/A	32	19	-41%	N/A	30	11	-63%	N/A	37	36	-3%	Route 0411 was not collected in Cycle 2.
0416*	1.61	0.00	1.61	N/A	N/A	49	N/A	N/A	N/A	51	N/A	N/A	N/A	47	N/A	No Cycle 3 data is available for Route 0416, incorrect route was driven in Cycle 3. The route data was not collected for Cycle 2.
0500	0.38	0.00	0.38	31	31	46	+48%	33	21	44	+110%	27	50	50	0%	

* - denotes a comment





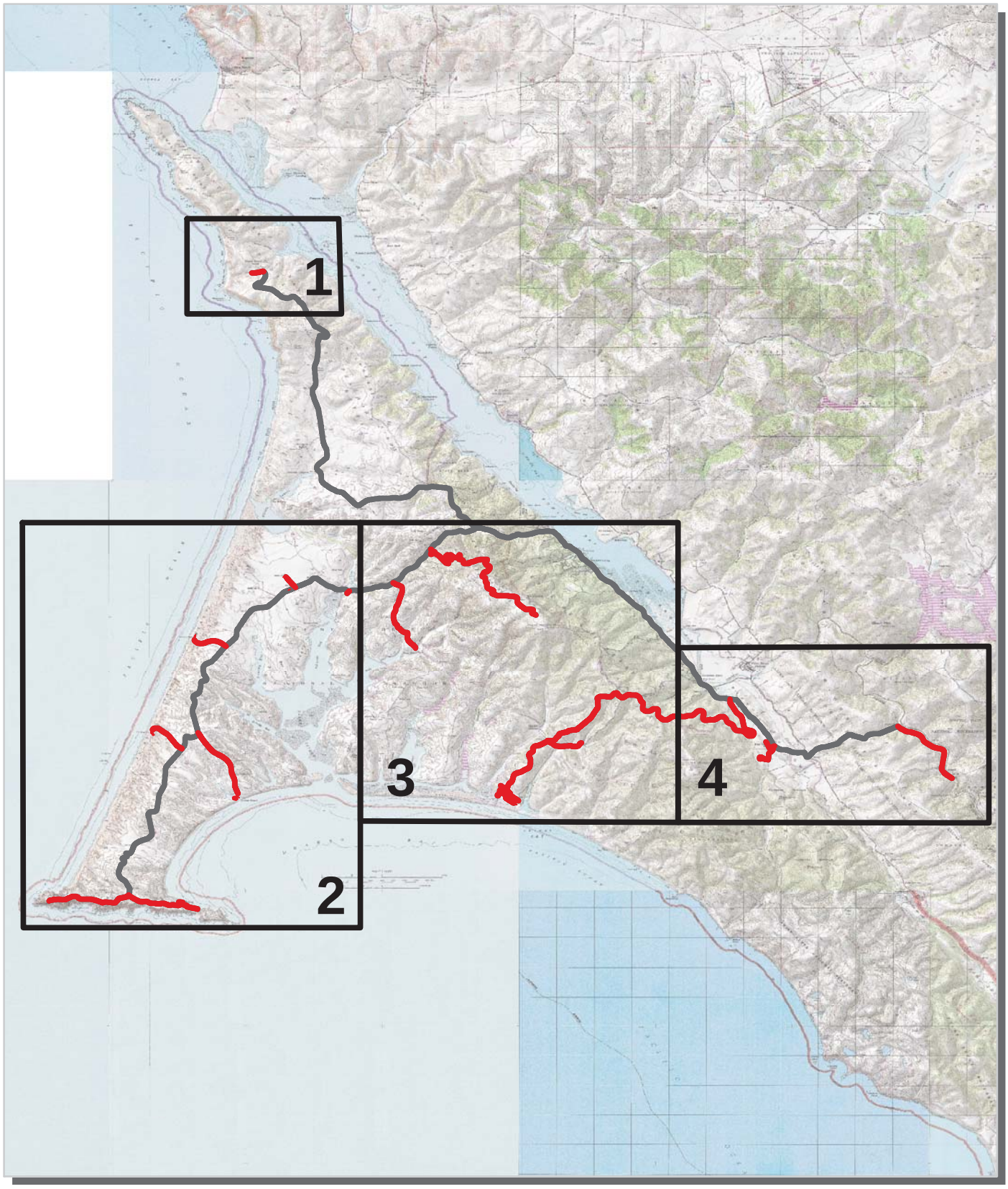


Cycle 4 Data Collected 7/17/2006 - 7/22/2006

Point Reyes National Seashore

Section 3
Park Route Location / Condition Maps

Piont Reyes National Seashore
Route Location Map
Key Map



Park Owned Routes

2.5 1.25 0 2.5
Miles

N

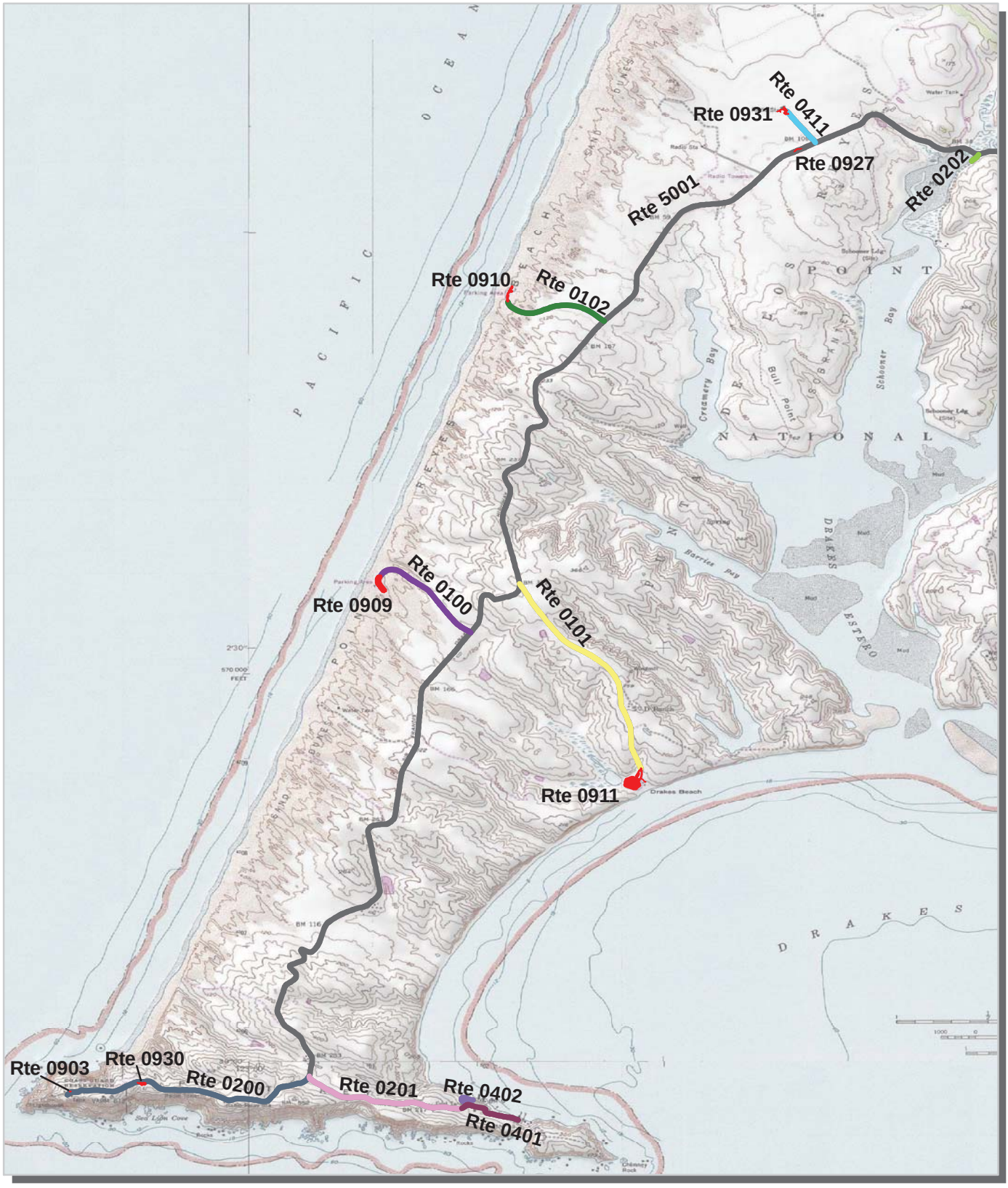
Point Reyes National Seashore
Route Location Map
Area 1

Unique colors used to differentiate routes

0.6 0.3 0 0.6 Miles

N

Point Reyes National Seashore
Route Location Map
Area 2

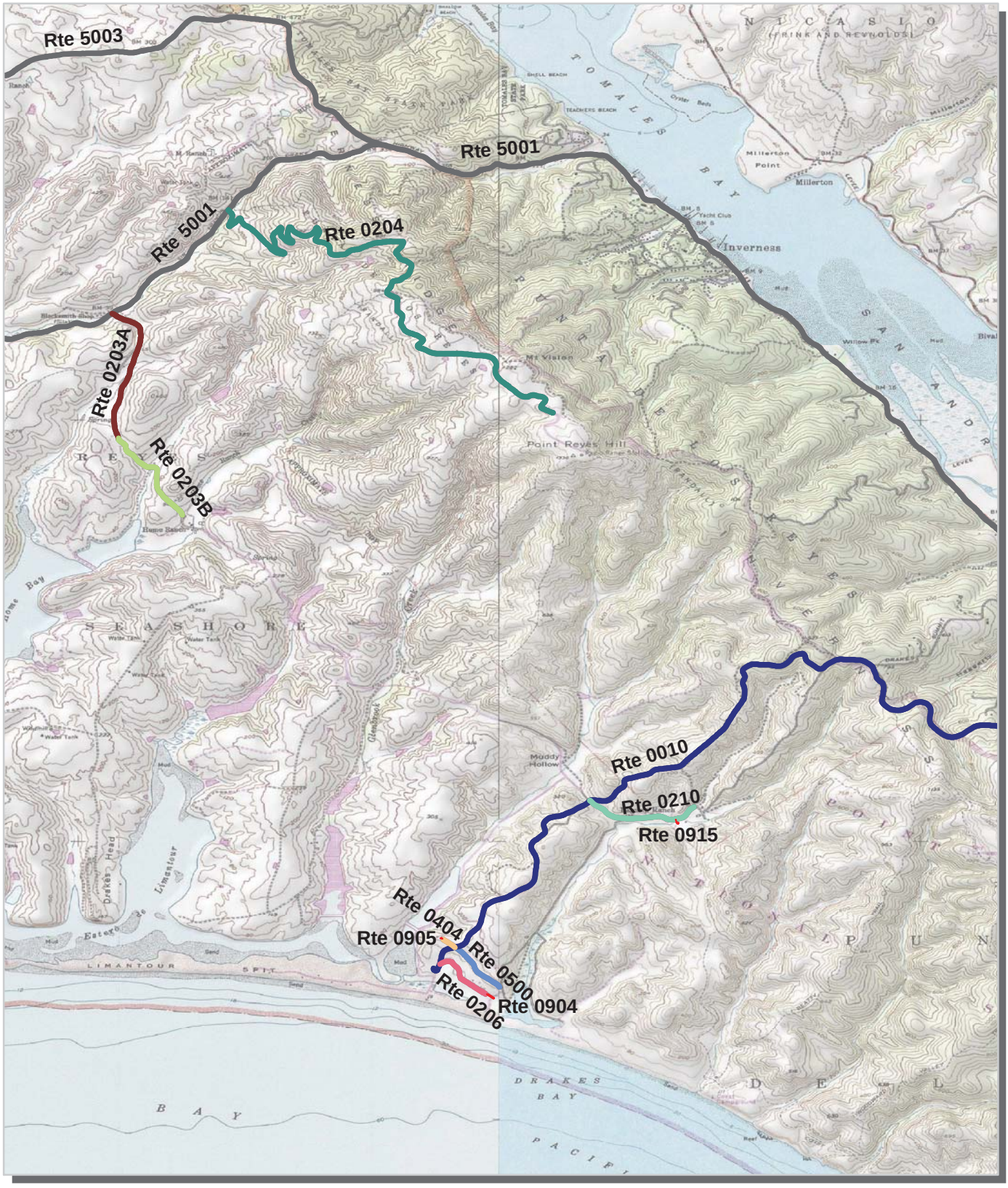


Unique colors used to differentiate routes

1 0.5 0 1 Miles

N

Point Reyes National Seashore
Route Location Map
Area 3

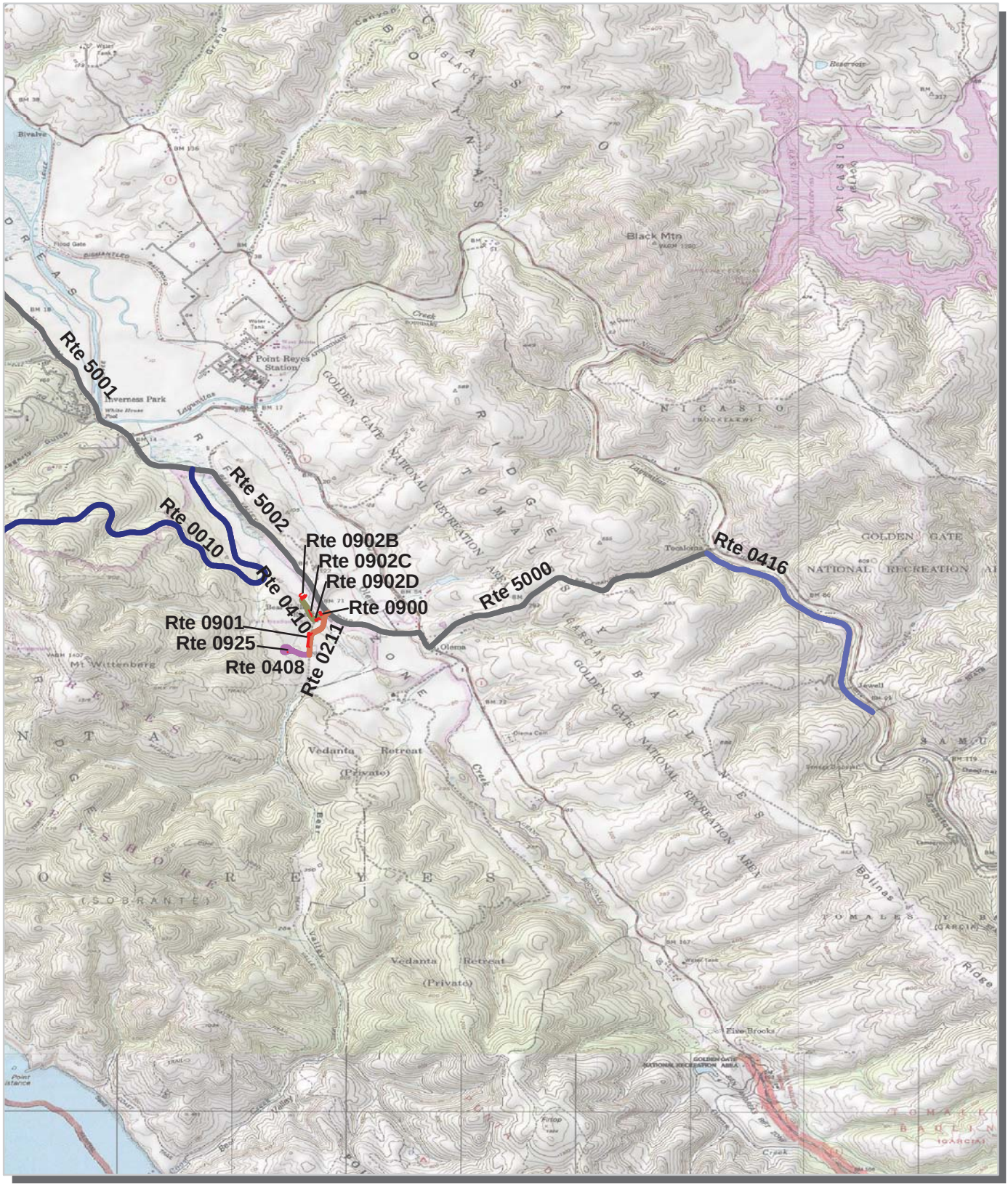


Unique colors used to differentiate routes

1 0.5 0 1 Miles

N

Point Reyes National Seashore
Route Location Map
Area 4

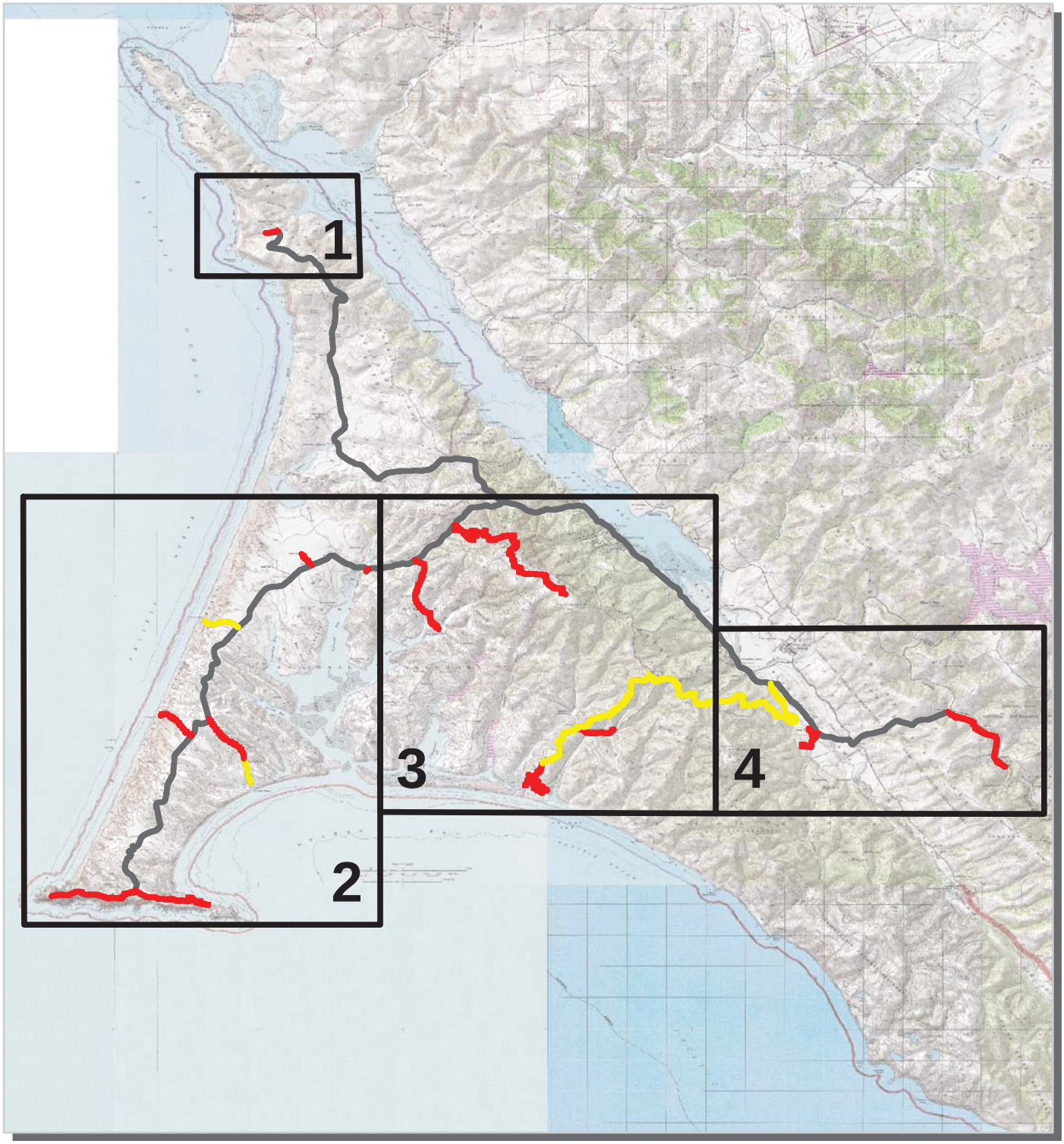


Unique colors used to differentiate routes

1 0.5 0 1 Miles

N

Point Reyes National Seashore
Route Condition Map
PCR - Mile by Mile
Key Map



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

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

2.5 1.25 0 2.5 Miles

N

Point Reyes National Seashore
Route Condition Map
PCR - Mile by Mile
Area 1

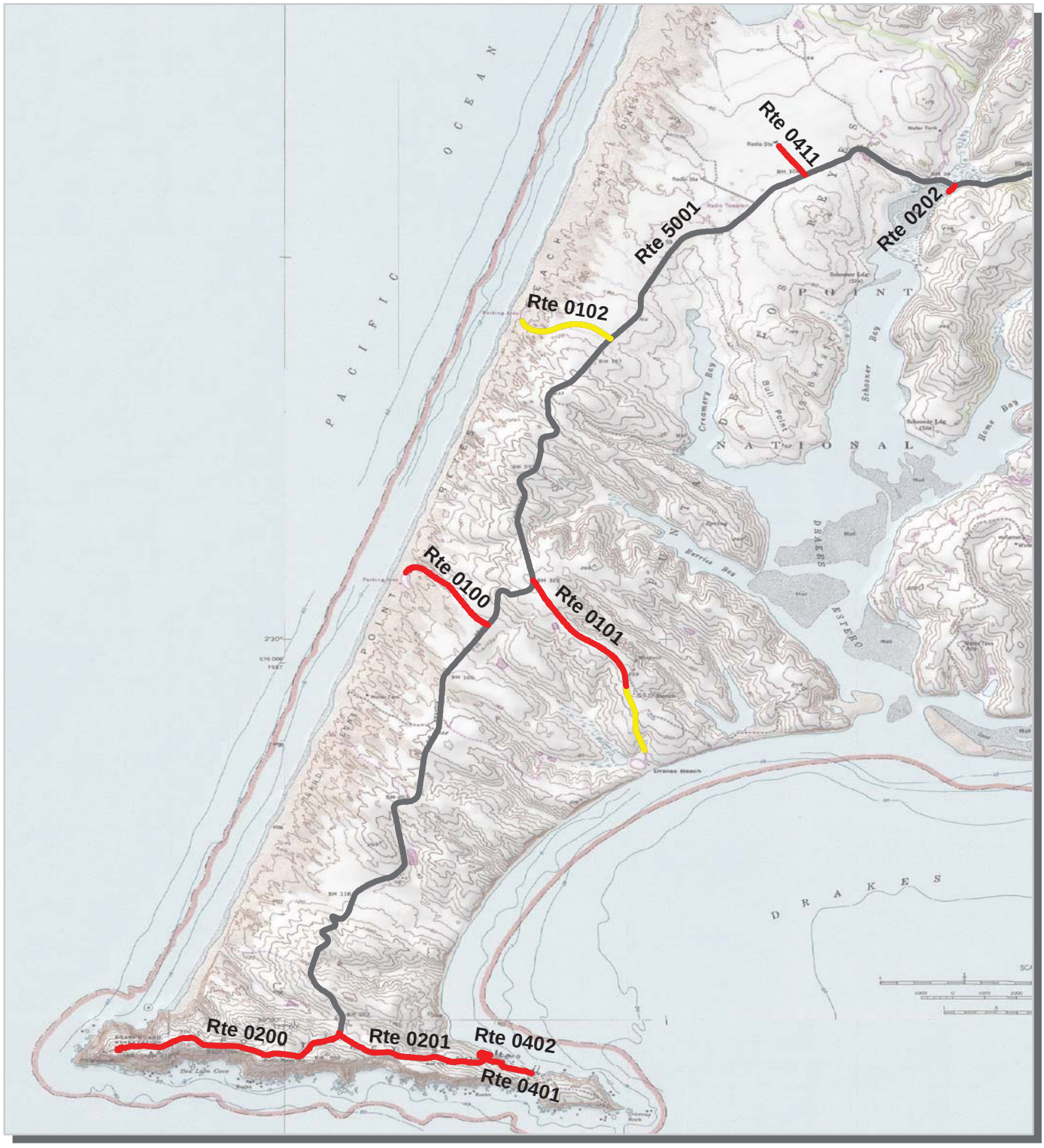
PCR	Poor	Fair	Good	Excellent
	(<=60)	(61 - 84)	(85 - 94)	(95 - 100)

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

0 0.25 0.5 1 Miles

N

Point Reyes National Seashore
Route Condition Map
PCR - Mile by Mile
Area 2



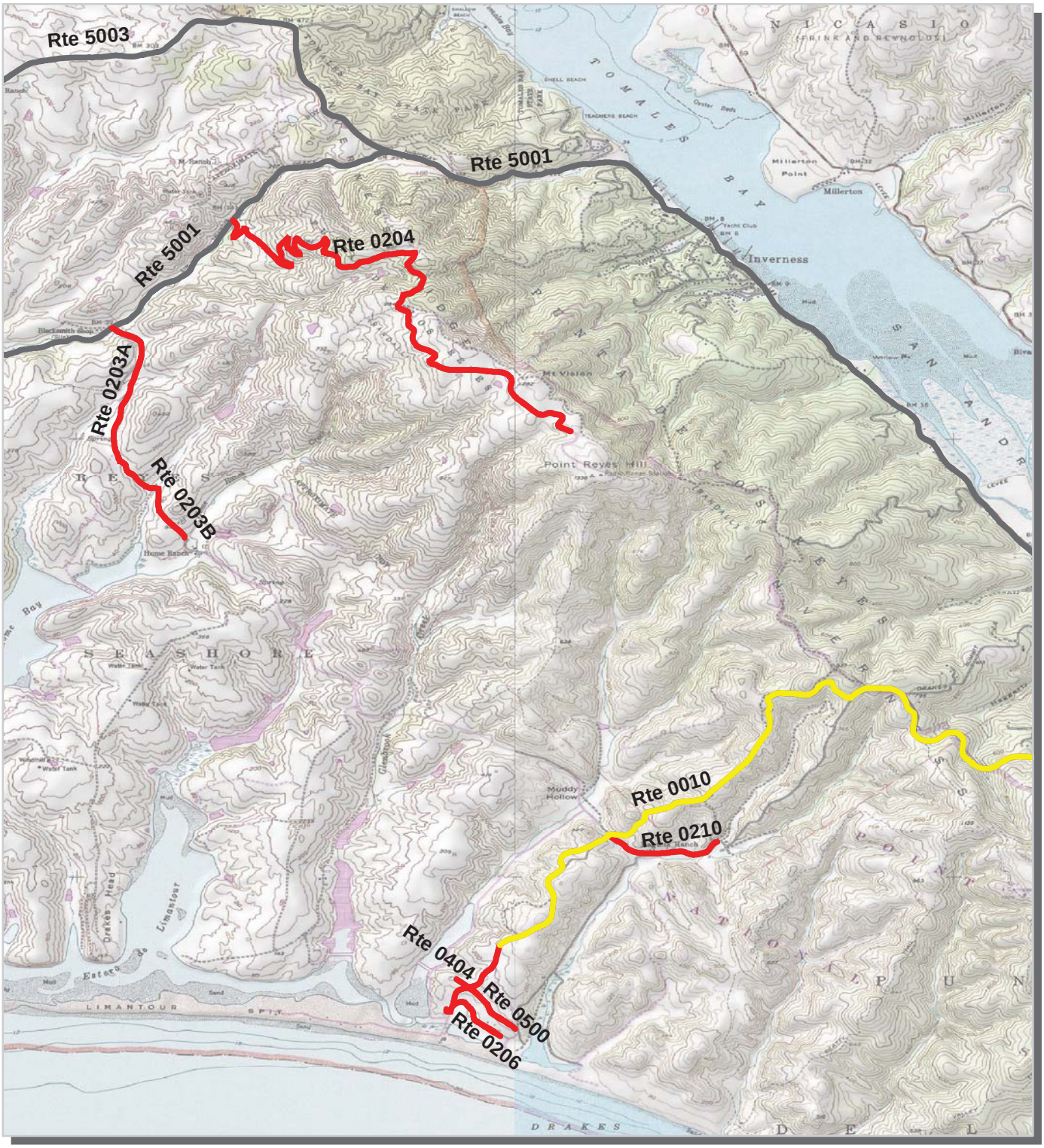
PCR	Poor	Fair	Good	Excellent
	(<=60)	(61 - 84)	(85 - 94)	(95 - 100)

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

0 0.5 1 2 Miles

N

Point Reyes National Seashore
Route Condition Map
PCR - Mile by Mile
Area 3



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

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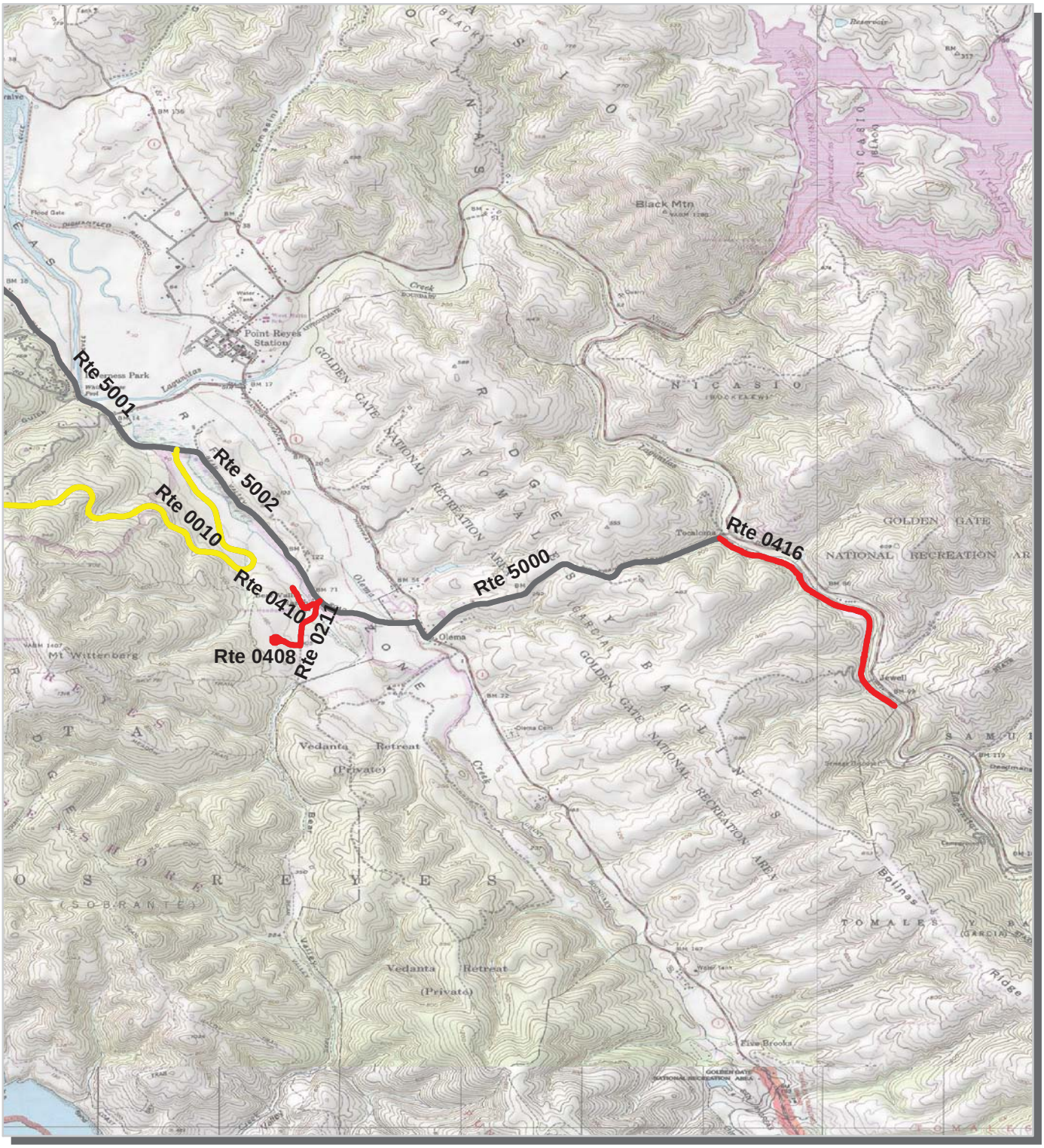
0 0.5 1 2 Miles

N

Point Reyes National Seashore
Route Condition Map
PCR - Mile by Mile
Area 4



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

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

0 0.5 1 2 Miles

N

Point Reyes National Seashore

Section 4
Park Route Inventory

NPS/RIP Route ID Report

Shading Color Key:
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White = Paved Routes, ARAN Driven
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PORE

POINT REYES NATIONAL SEASHORE

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	00002545		LIMANTOUR ROAD	FROM ROUTE 5002, BEAR VALLEY ROAD	TO ROUTE 0945, LIMANTOUR BEACH MAIN PARKING		7.570	0.000	7.570	1	2	0	AS	3, 4
0100	00002527		SOUTH BEACH ROAD	FROM ROUTE 5001, SIR FRANCIS DRAKE BOULEVARD WEST (COUNTY ROAD)	TO ROUTE 0909, SOUTH BEACH PARKING		0.700	0.000	0.700	2	2	0	AS	2
0101	00002512		DRAKES BEACH ROAD	FROM ROUTE 5001, SIR FRANCIS DRAKE BOULEVARD WEST (COUNTY ROAD)	TO ROUTE 0911, DRAKES BEACH PARKING		1.500	0.000	1.500	2	2	0	AS	2
0102	00002520		NORTH BEACH ROAD	FROM ROUTE 5001, SIR FRANCIS DRAKE BOULEVARD WEST (COUNTY ROAD)	TO ROUTE 0910, NORTH BEACH PARKING		0.600	0.000	0.600	2	2	0	AS	2
0103	89529		SACRAMENTO LANDING ROAD	FROM ROUTE 0104, L RANCH ROAD	TO SACRAMENTO LANDING		0.000	1.100	1.100	2	1	0	GR	
0104	00002480		L RANCH ROAD	FROM PIERCE POINT ROAD (COUNTY)	TO RESIDENCES AND UNTILITIES		0.000	2.600	2.600	2	2	0	GR	
0105	00002604		PALOMARIN ROAD	FROM MESA ROAD (COUNTY)	TO ROUTE 0936, PALOMARIN TRAILHEAD PARKING		0.000	1.200	1.200	2	2	0	GR	
0106	12318		OLEMA MARSH ROAD	FROM BEAR VALLEY ROAD (COUNTY)	TO RESIDENCE UTILITY		0.000	0.300	0.300	2	1	0	GR	
0107	32708		MUDDY HOLLOW ROAD	FROM ROUTE 0010, LIMANTOUR ROAD	TO ROUTE 0943, MUDDY HOLLOW PARKING		0.000	0.200	0.200	2	1	0	GR	
0108	46133		BEAR VALLEY TRAIL ROAD	FROM ROUTE 0211, BEAR VALLEY TRAILHEAD ROAD	TO GLEN TRAIL		0.000	3.100	3.100	2	1	0	GR	
0200	00002491		LIGHTHOUSE ROAD	FROM END OF ROUTE 5001, SIR FRANCIS DRAKE BOULEVARD WEST (COUNTY ROAD)	TO LIGHT HOUSE APARTMENT GARAGES		1.480	0.000	1.480	3	2	0	AS	2
0201	00002499		CHIMNEY ROCK ROAD	FROM END OF ROUTE 5001, SIR FRANCIS DRAKE BOULEVARD WEST (COUNTY ROAD)	TO ROUTE 0401, LIFE BOAT STATION ROAD AT ROUTE 0917, CHIMNEY ROCK TRAILHEAD PARKING		0.910	0.000	0.910	3	1	0	AS	2
0202	89543		SCHOONER BAY ROAD (OYSTER FARM ROAD)	FROM ROUTE 5001, SIR FRANCIS DRAKE BOULEVARD WEST (COUNTY ROAD)	TO DRAKES BAY OYSTER PARKING		0.060	0.700	0.760	3	2	0	AS	2
0203A	00002535		ESTERO TRAILHEAD ROAD	FROM ROUTE 5001, SIR FRANCIS DRAKE BOULEVARD WEST (COUNTY ROAD)	TO ROUTE 0203B AT CATTLE GUARD JUST PAST ROUTE 0918		0.970	0.000	0.970	3	1	0	AS	3
0203B	99954		HOME RANCH ROAD	FROM CATTLEGUARD AT END OF ROUTE 0203A	TO END OF PAVEMENT AT HOME RANCH		0.680	0.000	0.680	6	1	0	AS	3

NPS/RIP Route ID Report

Shading Color Key:
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PORE

POINT REYES NATIONAL SEASHORE

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
0204	00002534		MOUNT VISION ROAD	FROM ROUTE 5001, SIR FRANCIS DRAKE BOULEVARD WEST (COUNTY ROAD)	TO ROUTE 0919, MOUNT VISION TRAILHEAD UPPER PARKING		3.860	0.000	3.860	3	2	0	AS	3
0205	32713		MCCLURE BEACH ACCESS ROAD	FROM END OF ROUTE 5003, PIERCE POINT ROAD AT ROUTE 0921, PIERCE POINT UPPER PARKING	TO ROUTE 0912, MCCLURE BEACH PARKING		0.200	0.000	0.200	3	2	0	AS	1
0206	35177		LIMANTOUR BEACH TRAIL ACCESS ROAD	FROM ROUTE 0010 AT MP 7.49 ON LEFT	TO ROUTE 0904, LIMANTOUR BEACH TRAIL PARKING SOUTH		0.370	0.000	0.370	3	2	0	AS	3
0210	12324		LAGUNA ROAD	FROM ROUTE 0010 AT MP 5.94	TO ROUTE 0942, ENVIRONMENTAL ED CENTER PARKING		0.650	0.000	0.650	3	1	0	AS	3
0211	32719		BEAR VALLEY TRAILHEAD ROAD	FROM ROUTE 5002, BEAR VALLEY ROAD (COUNTY ROAD)	TO ROUTE 0108, BEAR VALLEY TRAIL ROAD AT ROUTE 0914, BEAR VALLEY TRAILHEAD PARKING		0.330	0.000	0.330	3	2	0	AS	4
0213	00002592		FIVE BROOKS ROAD	FROM HIGHWAY 1	TO ROUTE 0939, FIVE BROOKS TRAILHEAD PARKING		0.000	0.200	0.200	3	1	0	GR	
0214	12326		COAST CAMP ROAD	FROM ROUTE 0210, LAGUNA ROAD	TO COAST CAMPGROUND		0.000	2.900	2.900	3	1	0	GR	
0215	12327		SKY CAMP ROAD	FROM ROUTE 0010	TO SKY CAMPGROUND		0.000	1.300	1.300	3	1	0	GR	
0216	12328		GLEN CAMP ROAD	FROM STEWART TRAIL ROAD	TO GLEN CAMPGROUND		0.000	1.200	1.200	3	1	0	GR	
0217	3107		MARSHALL BEACH TRAIL ROAD	FROM ROUTE 0104, L RANCH ROAD	TO MARSHALL BEACH CAMPGROUND		0.000	1.200	1.200	4	1	0	GR	
0218	32722		WILDCAT CAMPGROUND ROAD	FROM ROUTE 0219, STEWART TRAIL ROAD	TO WILDCAT CAMPGROUND		0.000	1.200	1.200	3	1	0	GR	
0219	34147		STEWART TRAIL ROAD	FROM FIVE BROOKS PARKING	TO ROUTE 0216, GLEN CAMP ROAD		0.000	5.400	5.400	3	1	0	GR	
0401	32716		LIFEBOAT STATION ROAD	FROM END OF ROUTE 0201, CHIMNEY ROCK ROAD (BEAR RIGHT)	TO ROUTE 0944, END OF PAVEMENT AT LIFEBOAT STATION PARKING		0.350	0.000	0.350	5	1	0	AS	2
0402	103737		FISH DOCKS (MENDOZA) ROAD	FROM ROUTE 0401, LIFE BOAT STATION ROAD, AT MP 0.00	TO END OF PAVEMENT AT DOCKS		0.130	0.000	0.130	6	1	0	AS	2
0403	89457		RED BARN CLASSROOM ROAD	FROM ROUTE 0211, BEAR VALLEY TRAILHEAD ROAD	TO RED BARD		0.000	0.300	0.300	5	1	0	GR	
0404	35179		LIMANTOUR RESIDENCE ROAD WEST	FROM ROUTE 0010, LIMANTOUR ROAD, AT MP 7.34 ON RIGHT	TO ROUTE 0905, LIMANTOUR RESIDENCE ROAD WEST PARKING		0.080	0.000	0.080	5	1	0	AS	3

NPS/RIP Route ID Report

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PORE

POINT REYES NATIONAL SEASHORE

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
0408	32721		MORGAN HORSE RANCH ROAD	FROM END OF ROUTE 0211 ON RIGHT, BEAR VALLEY TRAILHEAD ROAD	TO END OF LOOP		0.240	0.000	0.240	5	1	0	AS	4
0410	32724		BEAR VALLEY MAINTENANCE ACCESS ROAD	FROM ROUTE 0211 AT MP 0.03, BEAR VALLEY TRAILHEAD ROAD	TO ROUTE 0902B, BEAR VALLEY R & T EQUIPMENT PARKING		0.220	0.000	0.220	5	2	0	AS	4
0411	89415		NORTH OPERATIONS CENTER ROAD	FROM ROUTE 5001, SIR FRANCIS DRAKE BOULEVARD WEST (COUNTY ROAD)	TO ROUTE 0931, NDOC OFFICE PARKING		0.240	0.000	0.240	3	2	0	AS	2
0413	89412		MOUNT VISION FIRE LANE	FROM ROUTE 0204, MOUNT VISION ROAD,	TO RESIDENCE 535		0.000	0.300	0.300	6	1	0	GR	
0414	89414		LUPTON RANCH ROAD	FROM STATE HIGHWAY 1	TO LUPTON RANCH		0.000	0.300	0.300	6	1	0	GR	
0415	89416		LEARNING CENTER ROAD	FROM STATE HIGHWAY 1	TO LEARNING CENTER		0.000	0.400	0.400	5	1	0	GR	
0416	3110		CROSS MARIN TRAIL ROAD	FROM ROUTE 5000, SIR FRANCIS DRAKE BOULEVARD EAST 1.75 MILES FROM INTERSECTION WITH STATE HIGHWAY 1 IN OLEMA	TO STATE PARK BOUNDARY SIGN		1.600	0.000	1.600	5	2	0	AS	4
0417	91081		KULE LOKLO ACCESS ROAD	FROM ROUTE 0010, LIMANTOUR ROAD	TO KULE LOKLO INTERPRETIVE EXHIBIT		0.000	0.300	0.300	5	1	0	GR	
0418	12323		SUNNYSIDE DRIVE	FROM ROUTE 0010, LIMANTOUR ROAD	TO GATE AT ROBERTS DRIVE (PRIVATE ROAD)		0.000	1.000	1.000	5	2	0	GR	
0419	3102		RANDALL TRAIL ROAD	FROM STATE HIGHWAY 1	TO BOLINAS RIDGE TRAIL		0.000	1.600	1.600	6	1	0	GR	
0420	32703		BOLINAS RIDGE TRAIL ROAD	FROM ROUTE 5000, SIR FRANCIS DRAKE BOULEVARD EAST	TO FAIRFAX BOLINAS ROAD		0.000	11.100	11.100	6	1	0	GR	
0421	32711		MUDDY HOLLOW PUMPHOUSE ROAD	FROM ROUTE 0107, MUDDY HOLLOW ROAD	TO PUMP HOUSE		0.000	0.500	0.500	5	1	0	GR	
0500	35178		LIMANTOUR RESIDENCE ROAD EAST	FROM ROUTE 0010 AT MP 7.34 ON LEFT	TO END AT RESIDENCE DRIVEWAY		0.370	0.000	0.370	5	1	0	AS	3
0900	89506		PARK HEADQUARTERS PARKING	ADJACENT TO ROUTE 0410 AT MP 0.01 ON RIGHT			0.000	0.000	0.000		0	9,296	AS	4
0901	89505		BEAR VALLEY VISITOR CENTER PARKING	ADJACENT TO ROUTE 0211 AT MP 0.2 ON RIGHT			0.000	0.000	0.000		0	31,136	AS	4
0902A	105920		BEAR VALLEY R AND T PARKING	ADJACENT TO ROUTE 0410 ON RIGHT			0.000	0.000	0.000		0	0	GR	
0902B	89520		BEAR VALLEY R AND T EQUIPMENT PARKING	AT END OF ROUTE 0410			0.000	0.000	0.000		0	22,408	AS	4

NPS/RIP Route ID Report

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PORE

POINT REYES NATIONAL SEASHORE

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
0902C	89508		BEAR VALLEY HQ RESIDENTS PARKING	ADJACENT TO ROUTE 0410 AT MP 0.1 ON RIGHT			0.000	0.000	0.000		0	5,761	AS	4
0902D	103628		BEAR VALLEY BLDG 77 PARKING	ADJACENT TO ROUTE 0410 AT MP 0.05 ON LEFT			0.000	0.000	0.000		0	12,602	AS	4
0903	89516		LIGHTHOUSE RESIDENCE PARKING	ADJACENT TO ROUTE 0200 AT MP 1.4 ON RIGHT			0.000	0.000	0.000		0	1,056	AS	2
0904	89517		LIMANTOUR BEACH TRAIL PARKING SOUTH	AT END OF ROUTE 0206			0.000	0.000	0.000		0	10,129	AS	3
0905	104911		LIMANTOUR RESIDENCE ROAD WEST PARKING	AT END OF ROUTE 0404			0.000	0.000	0.000		0	2,824	AS	3
0906	89440		BAYVIEW TRAIL PARKING (ADAMS PIT)	ADJACENT TO ROUTE 0010			0.000	0.000	0.000		0	0	GR	
0907	89439		SKY TRAILHEAD PARKING	ADJACENT TO ROUTE 0010			0.000	0.000	0.000		0	0	GR	
0908	89441		LIMANTOUR BUS PARKING (ED CENTER)	ADJACENT TO ROUTE 0010			0.000	0.000	0.000		0	0	GR	
0909	89514		SOUTH BEACH PARKING	AT END OF ROUTE 0100			0.000	0.000	0.000		0	96,010	AS	2
0910	89512		NORTH BEACH PARKING	AT END OF ROUTE 0102			0.000	0.000	0.000		0	35,758	AS	2
0911	89513		DRAKES BEACH PARKING	AT END OF ROUTE 0101			0.000	0.000	0.000		0	202,486	AS	2
0912	89509		MCCLURE BEACH PARKING	AT END OF ROUTE 0205			0.000	0.000	0.000		0	15,649	AS	1
0913	89420		MOUNT VISION MIDDLE PARKING (BISHOP PINES TRAILHEAD)	ADJACENT TO ROUTE 0010			0.000	0.000	0.000		0	0	GR	
0914	89437		BEAR VALLEY TRAILHEAD PARKING	AT END OF ROUTE 0211			0.000	0.000	0.000		0	0	GR	
0915	89518		LAGUNA TRAILHEAD PARKING	ADJACENT TO ROUTE 0210 AT MP 0.5 ON RIGHT			0.000	0.000	0.000		0	6,891	AS	3
0917	89429		CHIMNEY ROCK TRAILHEAD PARKING	AT END OF ROUTE 0201, CHIMNEY ROCK ROAD			0.000	0.000	0.000		0	0	GR	
0918	89423		ESTERO TRAILHEAD PARKING	AT END OF ROUTE 0203			0.000	0.000	0.000		0	0	GR	
0919	89422		MOUNT VISION TRAILHEAD UPPER PARKING	AT END OF ROUTE 0204			0.000	0.000	0.000		0	0	GR	

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PORE

POINT REYES NATIONAL SEASHORE

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
0921	89430		PIERCE POINT UPPER PARKING	ADJACENT TO ROUTE 5003, PIERCE POINT ROAD			0.000	0.000	0.000		0	0	GR	
0922	89428		CHIMNEY ROCK UPPER PARKING	ADJACENT TO ROUTE 0201			0.000	0.000	0.000		0	0	GR	
0923	89425		BULL POINT TRAILHEAD PARKING	ADJACENT TO ROUTE 5001, SIR FRANCIS DRAKE BOULEVARD WEST (COUNTY ROAD)			0.000	0.000	0.000		0	0	GR	
0924	89427		ABBOTS LAGOON TRAILHEAD PARKING	ADJACENT TO ROUTE 5003, PIERCE POINT ROAD			0.000	0.000	0.000		0	0	GR	
0925	103636		MORGAN HORSE RANCH HANDICAP PARKING	ADJACENT TO ROUTE 0408 AT MP 0.1			0.000	0.000	0.000		0	674	AS	4
0927	89510		MCI EXHIBIT PARKING	ADJACENT TO ROUTE 5001, SIR FRANCIS DRAKE BOULEVARD WEST (COUNTY ROAD)			0.000	0.000	0.000		0	4,634	AS	2
0930	89515		LIGHTHOUSE VISITOR PARKING	ADJACENT TO ROUTE 0200 AT MP 1.1 ON LEFT			0.000	0.000	0.000		0	17,118	AS	2
0931	89511		NDOC OFFICE PARKING	AT END OF ROUTE 0411			0.000	0.000	0.000		0	21,351	AS	2
0932	102181		NEW FIRE STATION PARKING	ADJACENT TO ROUTE 0410			0.000	0.000	0.000		0	0	GR	
0933	14603		MARSHALL BEACH UNPAVED PARKING	ADJACENT TO ROUTE 0104, L RANCH ROAD			0.000	0.000	0.000		0	0	GR	
0934	89419		MOUNT VISION OVERLOOK LOWER PARKING	ADJACENT TO ROUTE 0204, MOUNT VISION ROAD			0.000	0.000	0.000		0	0	GR	
0935	89424		COAST GUARD CEMETARY PARKING	ADJACENT TO COAST GUARD ENTRANCE ROAD			0.000	0.000	0.000		0	0	GR	
0936	89431		PALOMARIN TRAILHEAD PARKING	ADJACENT TO ROUTE 0105 PALOMARIN ROAD			0.000	0.000	0.000		0	0	GR	
0937	89432		PALOMARIN SURFER BEACH TRAILHEAD PARKING	ADJACENT TO ROUTE 0105, PALOMARIN ROAD			0.000	0.000	0.000		0	0	GR	
0938	89433		PALOMARIN PRBO PARKING	ADJACENT TO ROUTE 0105, PALOMARIN ROAD			0.000	0.000	0.000		0	0	GR	
0939	89434		FIVE BROOKS TRAILHEAD PARKING	ADJACENT TO ROUTE 0213, FIVE BROOKS ROAD			0.000	0.000	0.000		0	0	GR	
0940	89435		TOMALES BAY (MARTINELLI'S) TRAILHEAD PARKING	ADJACENT TO STATE HIGHWAY 1			0.000	0.000	0.000		0	0	GR	

NPS/RIP Route ID Report

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

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

PORE

POINT REYES NATIONAL SEASHORE

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
0941	89438		BEAR VALLEY HORSE/BUS PARKING	ADJACENT TO ROUTE 0211, BEAR VALLEY TRAILHEAD ROAD			0.000	0.000	0.000		0	0	GR	
0942	89442		ENVIRONMENTAL ED CENTER PARKING	ADJACENT TO ROUTE 0210, LAGUNA ROAD			0.000	0.000	0.000		0	0	GR	
0943	89443		MUDDY HOLLOW PARKING	AT END OF ROUTE 0107,MUDDY HOLLOW ROAD			0.000	0.000	0.000		0	0	GR	
0944	89452		LIFE BOAT STATION PARKING	ADJACENT TO ROUTE 0401, LIFEBOAT STATION ROAD			0.000	0.000	0.000		0	0	GR	
0945	89453		LIMANTOUR BEACH MAIN PARKING	AT END OF ROUTE 0210, LAGUNA ROAD			0.000	0.000	0.000		0	0	GR	
0946	89455		OTTINGERS HILL PARKING	ADJACENT SIR FRANCIS DRAKE BOULEVARD			0.000	0.000	0.000		0	0	GR	
0947	89458		RED BARN CLASSROOM PARKING	ADJACENT TO ROUTE 0403, RED BARN CLASSROOM ROAD			0.000	0.000	0.000		0	0	GR	
0948	89523		SEA LION OVERLOOK PARKING	ADJACENT TO ROUTE 0200, LIGTHOUSE ROAD			0.000	0.000	0.000		0	0	GR	
0949	89524		BEAR VALLEY RESOURCE PARKING	ADJACENT TO ROUTE 0410, BEAR VALLEY MAINTENANCE ACCESS ROAD			0.000	0.000	0.000		0	0	GR	
0950	89526		SCHOONER BAY PARKING	ADJACENT TO ROUTE 0202, SCHOONER BAY ROAD (OYSTER FARM ROAD)			0.000	0.000	0.000		0	0	GR	
0951	90584		KEHOE BEACH TRAILHEAD TURNOUT	ADJACENT TO ROUTE 5003, PIERCE POINT ROAD (COUNTY)			0.000	0.000	0.000		0	0	GR	
0952	90633		SACRAMENTO LANDING MAIN HOUSE PARKING	ADJACENT TO ROUTE 0103, SACRAMENTO LANDING ROAD			0.000	0.000	0.000		0	0	GR	
0953	97171		SACRAMENTO PIER PARKING	AT END OF ROUTE 0103, SACRAMENTO LANDING ROAD			0.000	0.000	0.000		0	0	GR	
0954	97175		SACRAMENTO LANDING DORM PARKING	ADJACENT TO ROUTE 0103, SACRAMENTO LANDING ROAD			0.000	0.000	0.000		0	0	GR	
0955	97319		AT&T PARKING	ADJACENT TO ROUTE 5001, SIR FRANCIS DRAKE BOULEVARD			0.000	0.000	0.000		0	0	GR	
0956	105919		OLEMA MARSH PARKING	ADJACENT TO ROUTE 0106, OLEMA MARSH ROAD			0.000	0.000	0.000		0	0	GR	

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PORE

POINT REYES NATIONAL SEASHORE

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
0957	105920		R & T PARKING	ADJACENT TO ROUTE 0410, BEAR VALLEY MAINTENANCE ACCESS ROAD			0.000	0.000	0.000		0	0	GR	
0958	105922		SCHOONER BAY EXHIBIT PULLOUT	ADJACENT TO SIR FRANCIS DRAKE BOULEVARD			0.000	0.000	0.000		0	0	GR	
5000			SIR FRANCIS DRAKE BOULEVARD EAST	FROM INTERSECTION OF CHEDA RANCH ROAD	TO BEAR VALLEY ROAD		2.500	0.000	2.500	1	2	0	AS	4
5001			SIR FRANCIS DRAKE BOULEVARD WEST	FROM BEAR VALLEY ROAD	TO LIGHTHOUSE ROAD		30.000	0.000	30.000	1	2	0	AS	2, 3, 4
5002			BEAR VALLEY ROAD	FROM HIGHWAY 1	TO SIR FRANCIS DRAKE BOULEVARD		2.750	0.000	2.750	1	2	0	AS	4
5003			PIERCE POINT ROAD	FROM ROUTE 5001, SIR FRANCIS DRAKE BOULEVARD WEST	TO END AT ROUTE 0921, PIERCE POINT UPPER PARKING		8.500	0.000	8.500	1	2	0	AS	1, 3

SUMMARY TOTALS FOR POINT REYES NATIONAL SEASHORE

ROUTE TOTALS

ARAN Driven Route Miles	23.110
All Paved Route Miles	23.110
All Unpaved Route Miles	38.400
TOTAL PARK ROUTE MILES	61.510
All Manually Rated Roads (SQFT)	0

LANE MILE TOTALS

ARAN Driven Lane Miles	42.863
Paved Parking Lane Miles	8.537
Paved MRR Lane Miles	0.000
TOTAL PAVED LANE MILES	51.400

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

PARKING AREA TOTALS

All Paved Parking (SQFT)	495,783
All Unpaved Parking (SQFT)	0
TOTAL ALL PARKING (SQFT)	495,783

WEIGHTED AVERAGE PARK VALUES

PCR (Rating)	SCR (Rating)	RCI (Rating)	RUT (Index)	AC (Index)	LC (Index)	TC (Index)	PATCH (Index)	PCR (Concession)
56.53	51.58	69.68	57.59	97.57	98.13	97.54	99.77	N/A

NPS/RIP Route ID Report

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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)

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

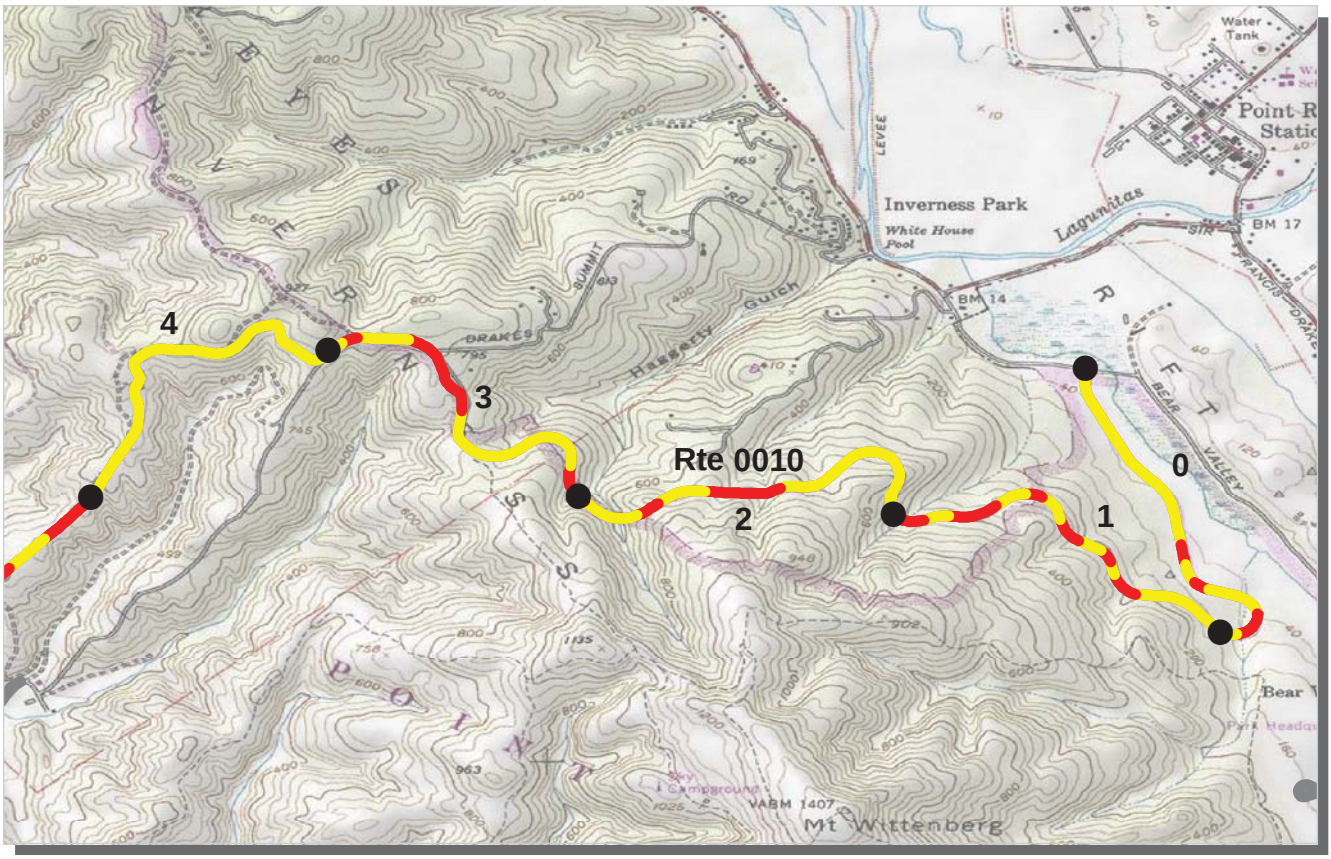
SA - Sand Road Bed

NV - Native or Dirt Material Road Bed

OT - Other Materials Road Bed

Point Reyes National Seashore

Section 5
Paved Route Condition Rating Sheets (CRS)



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

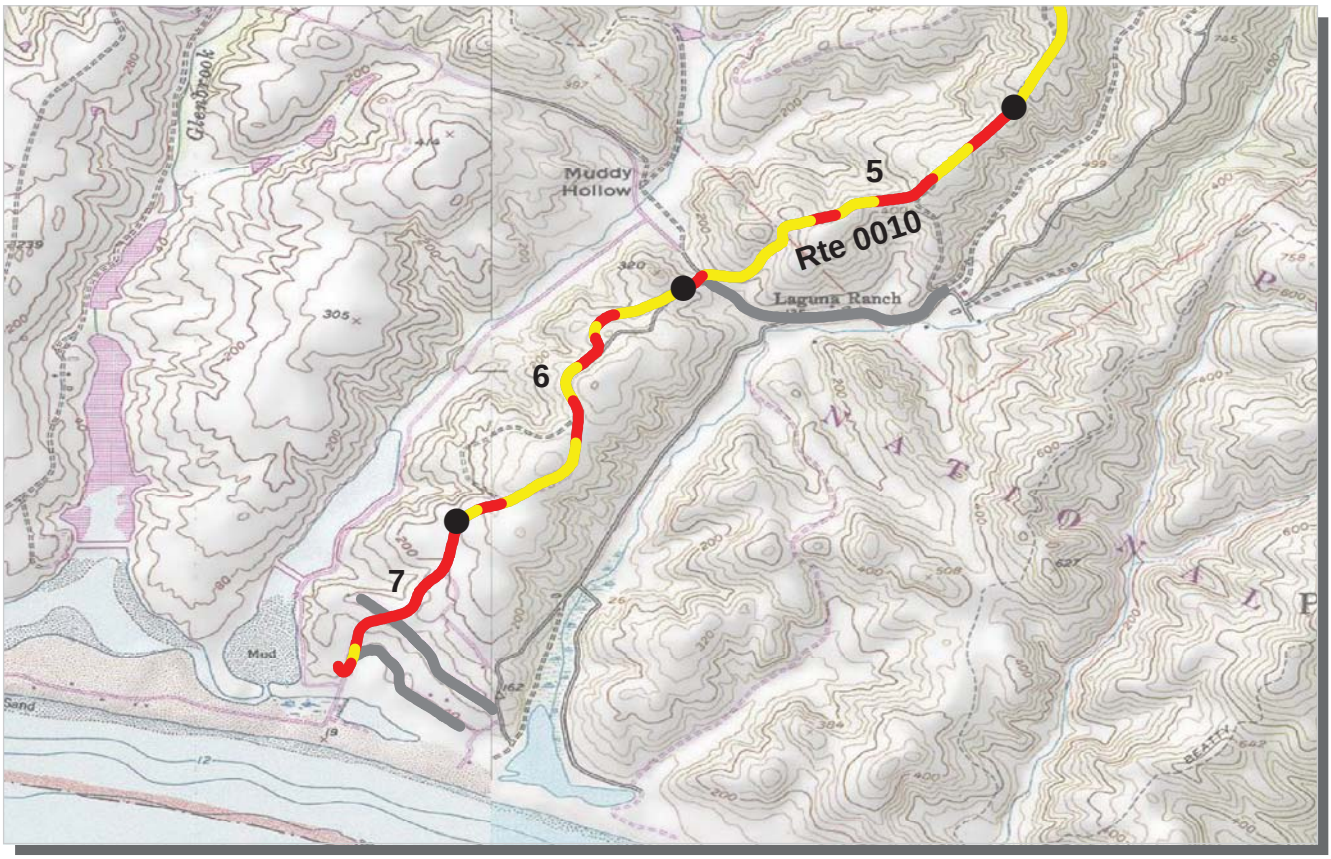
* If the PCR rating is not available for a section, the SCR rating will be displayed. See appendix for definitions and formulas.

PACIFIC WEST REGION
PORE : POINT REYES NATIONAL SEASHORE

ROUTE: 0010 LIMANTOUR ROAD **TOTAL LENGTH: 7.57 Miles**

Section Number	0	1	2	3	4
Section Length (mi)	1.00	1.00	1.00	1.00	1.00
Traffic AADT SADT ADT Date	Traffic data may be found at www.efl.fhwa.dot.gov Click on NPS Traffic Data (Note: Not all parks have traffic data)				
Cross Section Information					
Number of Lanes	2	2	2	2	2
Paved Width (ft)	31	36	33	29	23
Lane Width (ft)	13	16	14	13	11
Shoulder Width Right (ft)**	4	3	1	4	4
Shoulder Width Left (ft)**	9	3	4	6	8
Roadway Condition Information					
SCR (Surface Condition Rating)	44	53	52	58	56
PCR (Pavement Condition Rating)	62	61	63	62	67
Distress Index Values					
Alligator Cracking Index	99	100	100	100	100
Longitudinal Cracking Index	95	98	98	99	100
Tranverse Cracking Index	96	96	98	98	99
Patching Index	100	100	100	100	100
Rutting Index	55	60	56	61	58
Roughness Condition Index (RCI)	91	72	79	69	84

** Shoulder widths are measured from video at 0.50 mile intervals along route tangents. Visibility of actual shoulders in video images may affect accuracy of measured shoulder widths.



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

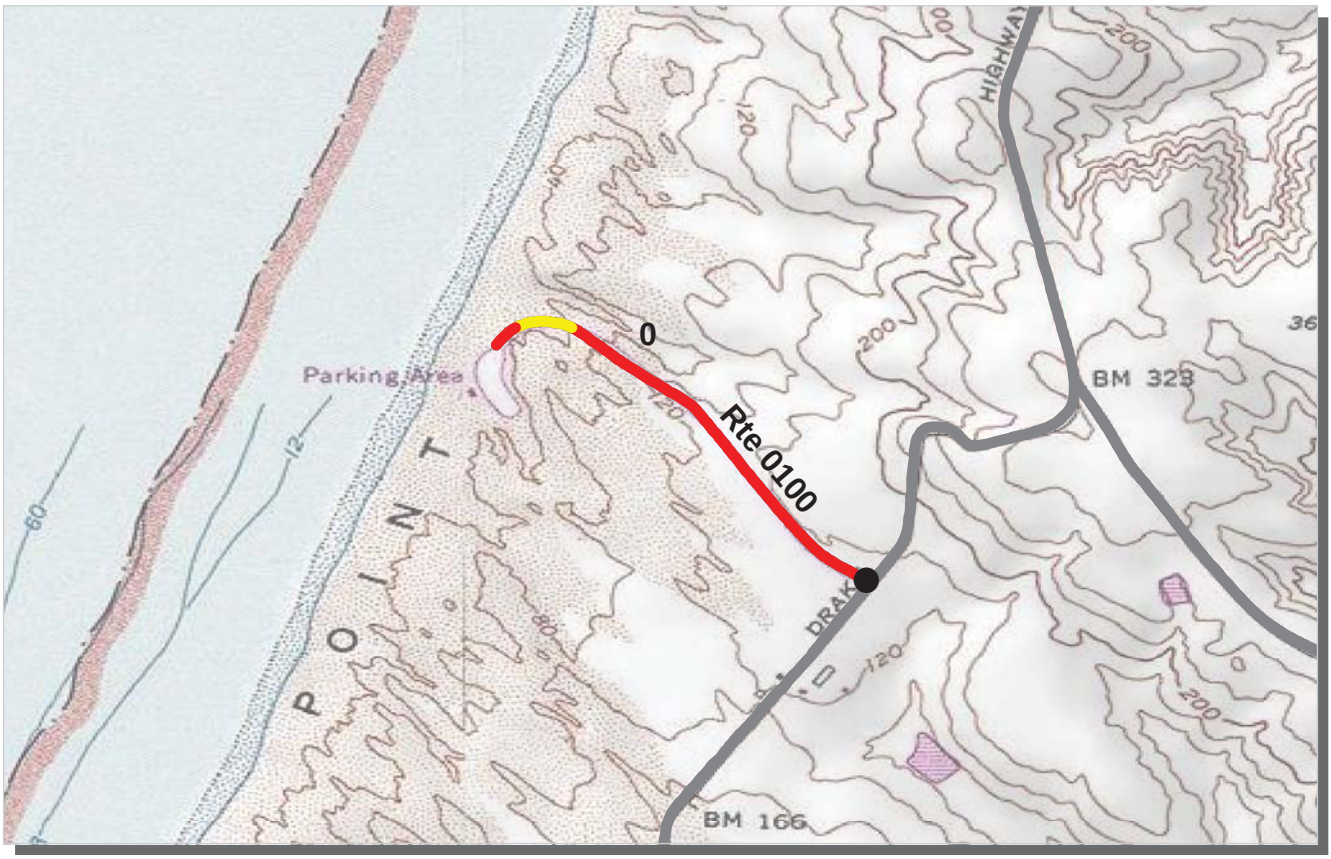
* If the PCR rating is not available for a section, the SCR rating will be displayed. See appendix for definitions and formulas.

PACIFIC WEST REGION
PORE : POINT REYES NATIONAL SEASHORE

ROUTE: 0010 LIMANTOUR ROAD **TOTAL LENGTH: 7.57 Miles**

Section Number	5	6	7		
Section Length (mi)	1.00	1.00	0.57		
Traffic					
AADT	Traffic data may be found at www.efl.fhwa.dot.gov Click on NPS Traffic Data (Note: Not all parks have traffic data)				
SADT					
ADT Date					
Cross Section Information					
Number of Lanes	2	2	2		
Paved Width (ft)	24	24	25		
Lane Width (ft)	12	11	13		
Shoulder Width Right (ft)**	11	10	11		
Shoulder Width Left (ft)**	5	7	5		
Roadway Condition Information					
SCR (Surface Condition Rating)	59	61	58		
PCR (Pavement Condition Rating)	63	62	55		
Distress Index Values					
Alligator Cracking Index	100	100	100		
Longitudinal Cracking Index	99	100	98		
Tranverse Cracking Index	99	99	99		
Patching Index	100	100	100		
Rutting Index	60	63	61		
Roughness Condition Index (RCI)	69	64	49		

** Shoulder widths are measured from video at 0.50 mile intervals along route tangents. Visibility of actual shoulders in video images may affect accuracy of measured shoulder widths.



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

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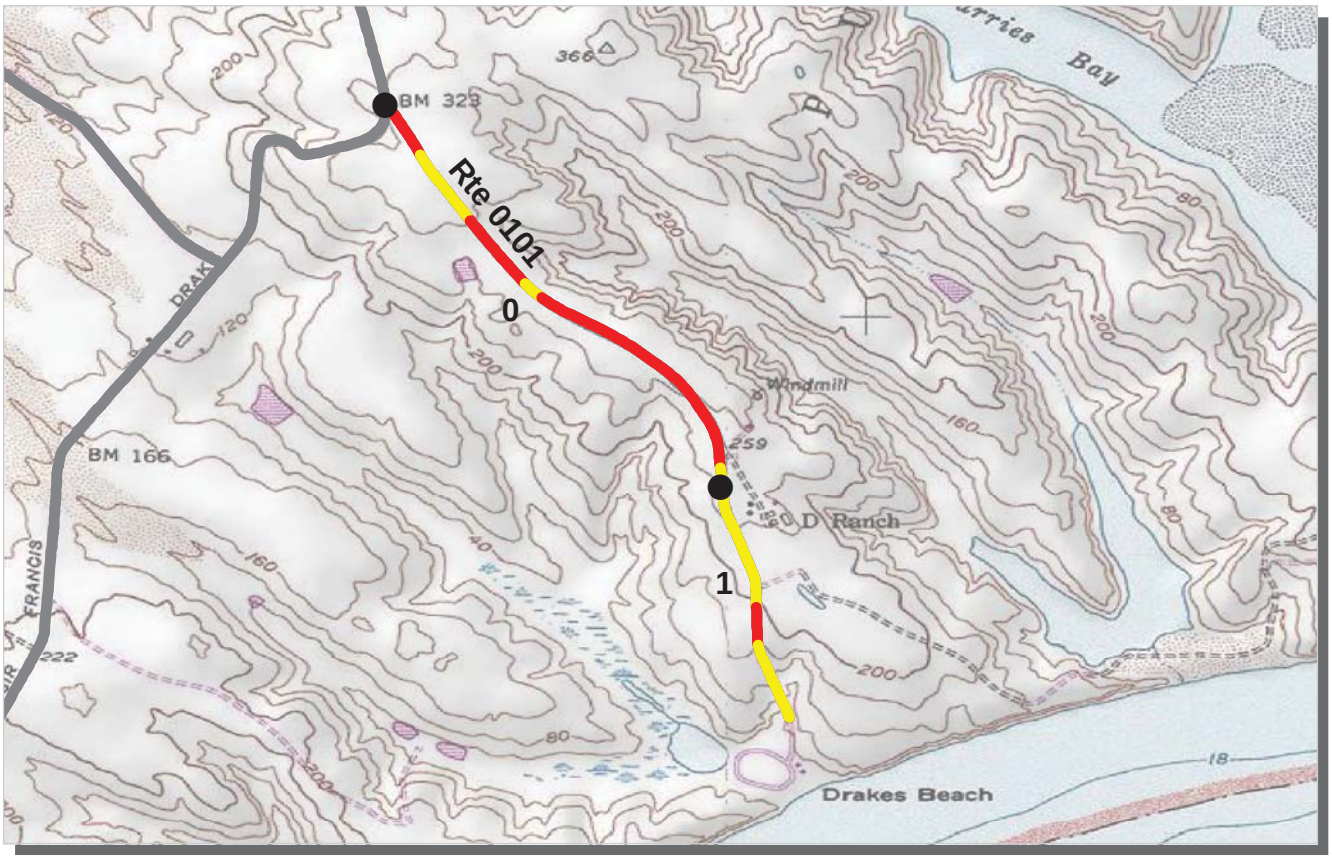
PACIFIC WEST REGION
PORE : POINT REYES NATIONAL SEASHORE

ROUTE: 0100 SOUTH BEACH ROAD **TOTAL LENGTH: 0.70 Miles**

Section Number	0				
Section Length (mi)	0.70				
Traffic					
AADT	Traffic data may be found at www.efl.fhwa.dot.gov Click on 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)**	3				
Shoulder Width Left (ft)**	0				
Roadway Condition Information					
SCR (Surface Condition Rating)	49				
PCR (Pavement Condition Rating)	51				
Distress Index Values					
Alligator Cracking Index	99				
Longitudinal Cracking Index	97				
Tranverse Cracking Index	93				
Patching Index	100				
Rutting Index	60				
Roughness Condition Index (RCI)	55				

** Shoulder widths are measured from video at 0.50 mile intervals along route tangents. Visibility of actual shoulders in video images may affect accuracy of measured shoulder widths.



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

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PACIFIC WEST REGION
PORE : POINT REYES NATIONAL SEASHORE

ROUTE: 0101 DRAKES BEACH ROAD **TOTAL LENGTH: 1.50 Miles**

Section Number	0	1			
Section Length (mi)	1.00	0.50			
Traffic					
AADT	Traffic data may be found at www.efl.fhwa.dot.gov				
SADT	Click on NPS Traffic Data				
ADT Date	(Note: Not all parks have traffic data)				
Cross Section Information					
Number of Lanes	2	2			
Paved Width (ft)	33	33			
Lane Width (ft)	13	15			
Shoulder Width Right (ft)**	3	2			
Shoulder Width Left (ft)**	3	2			
Roadway Condition Information					
SCR (Surface Condition Rating)	21	48			
PCR (Pavement Condition Rating)	47	63			
Distress Index Values					
Alligator Cracking Index	63	94			
Longitudinal Cracking Index	99	98			
Tranverse Cracking Index	96	97			
Patching Index	100	100			
Rutting Index	45	59			
Roughness Condition Index (RCI)	86	87			

** Shoulder widths are measured from video at 0.50 mile intervals along route tangents. Visibility of actual shoulders in video images may affect accuracy of measured shoulder widths.

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

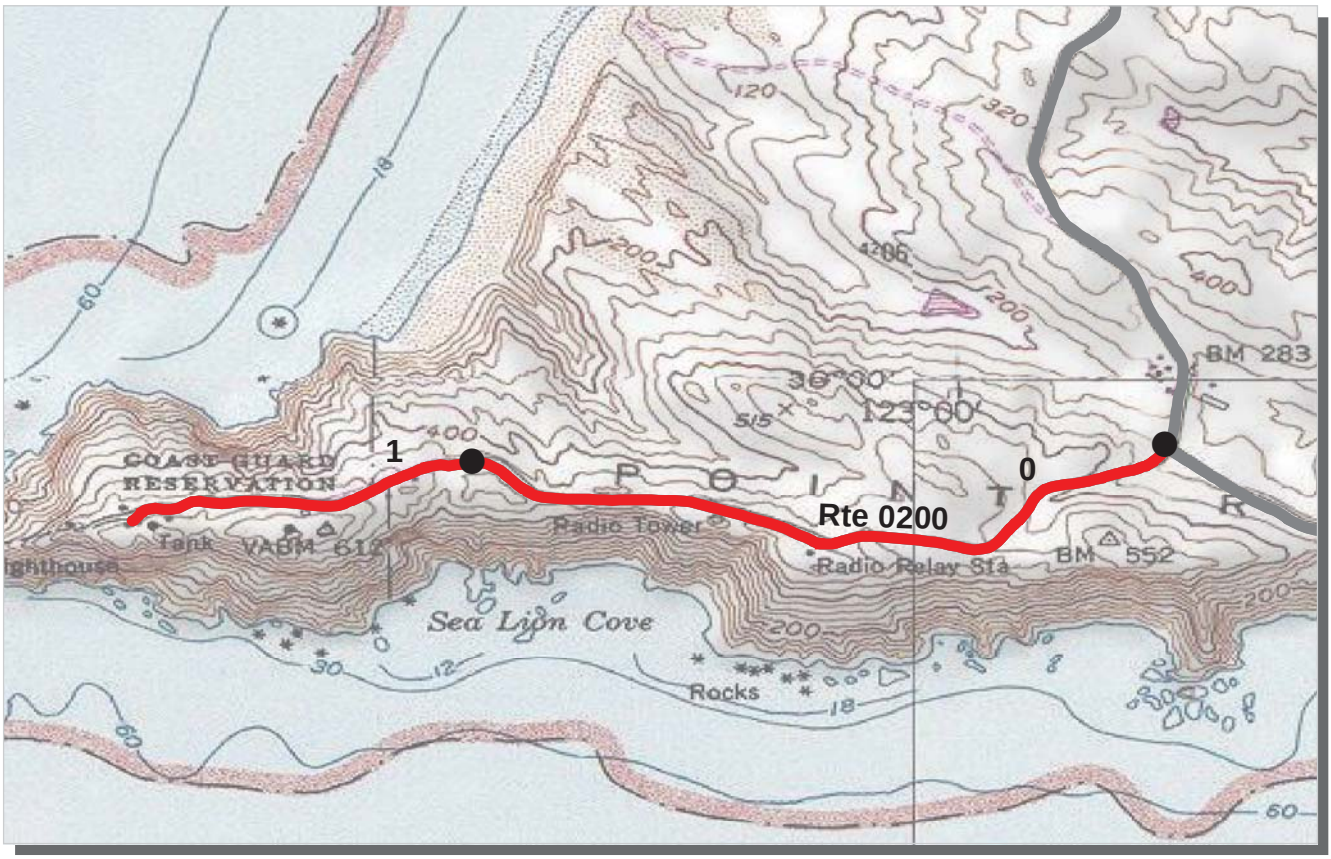
* If the PCR rating is not available for a section, the SCR rating will be displayed. See appendix for definitions and formulas.

PACIFIC WEST REGION
PORE : POINT REYES NATIONAL SEASHORE

ROUTE: 0102 NORTH BEACH ROAD **TOTAL LENGTH: 0.60 Miles**

Section Number	0				
Section Length (mi)	0.60				
Traffic					
AADT	Traffic data may be found at www.efl.fhwa.dot.gov Click on NPS Traffic Data (Note: Not all parks have traffic data)				
SADT					
ADT Date					
Cross Section Information					
Number of Lanes	2				
Paved Width (ft)	33				
Lane Width (ft)	15				
Shoulder Width Right (ft)**	2				
Shoulder Width Left (ft)**	3				
Roadway Condition Information					
SCR (Surface Condition Rating)	67				
PCR (Pavement Condition Rating)	79				
Distress Index Values					
Alligator Cracking Index	100				
Longitudinal Cracking Index	99				
Tranverse Cracking Index	96				
Patching Index	100				
Rutting Index	73				
Roughness Condition Index (RCI)	98				

** Shoulder widths are measured from video at 0.50 mile intervals along route tangents. Visibility of actual shoulders in video images may affect accuracy of measured shoulder widths.



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

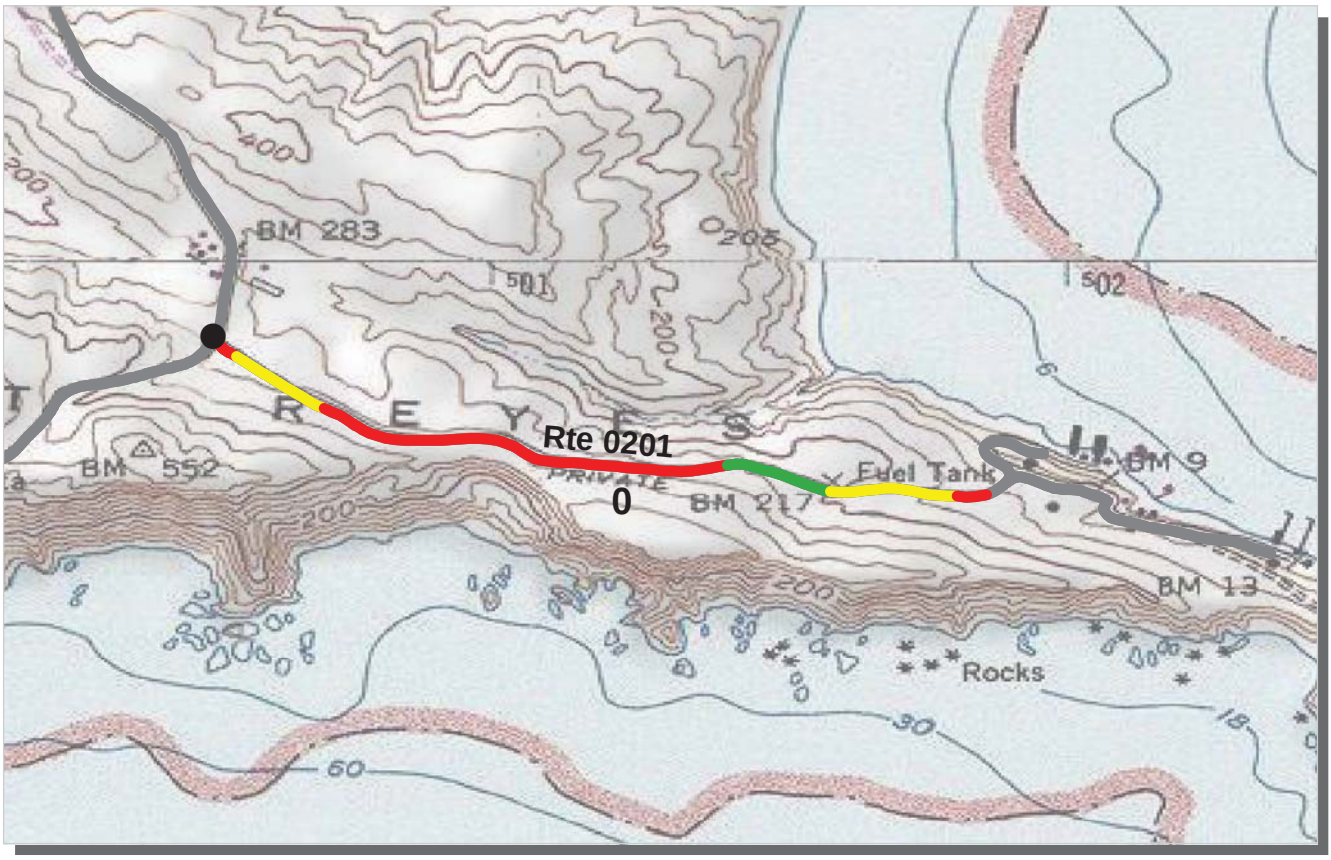
* If the PCR rating is not available for a section, the SCR rating will be displayed. See appendix for definitions and formulas.

PACIFIC WEST REGION
PORE : POINT REYES NATIONAL SEASHORE

ROUTE: 0200 LIGHTHOUSE ROAD **TOTAL LENGTH: 1.48 Miles**

Section Number	0	1			
Section Length (mi)	1.00	0.48			
Traffic					
AADT	Traffic data may be found at www.efl.fhwa.dot.gov				
SADT	Click on NPS Traffic Data				
ADT Date	(Note: Not all parks have traffic data)				
Cross Section Information					
Number of Lanes	2	2			
Paved Width (ft)	19	23			
Lane Width (ft)	9	10			
Shoulder Width Right (ft)**	0	4			
Shoulder Width Left (ft)**	0	1			
Roadway Condition Information					
SCR (Surface Condition Rating)	26	20			
PCR (Pavement Condition Rating)	28	22			
Distress Index Values					
Alligator Cracking Index	81	94			
Longitudinal Cracking Index	98	97			
Tranverse Cracking Index	96	96			
Patching Index	98	77			
Rutting Index	39	54			
Roughness Condition Index (RCI)	39	36			

** Shoulder widths are measured from video at 0.50 mile intervals along route tangents. Visibility of actual shoulders in video images may affect accuracy of measured shoulder widths.



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

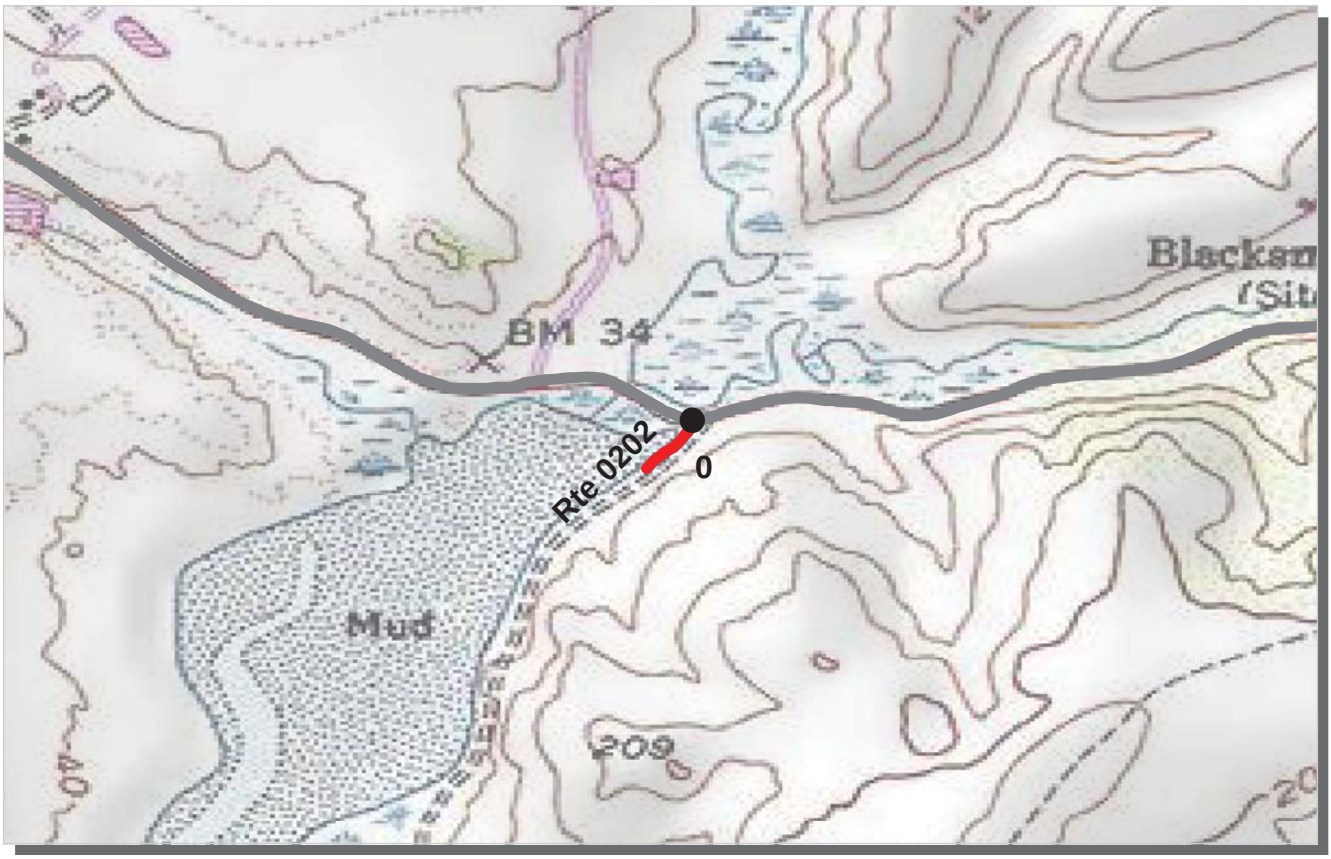
* If the PCR rating is not available for a section, the SCR rating will be displayed. See appendix for definitions and formulas.

PACIFIC WEST REGION
PORE : POINT REYES NATIONAL SEASHORE

ROUTE: 0201 CHIMNEY ROCK ROAD **TOTAL LENGTH: 0.91 Miles**

Section Number	0				
Section Length (mi)	0.91				
Traffic					
AADT	Traffic data may be found at www.efl.fhwa.dot.gov Click on 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)**	4				
Shoulder Width Left (ft)**	0				
Roadway Condition Information					
SCR (Surface Condition Rating)	34				
PCR (Pavement Condition Rating)	39				
Distress Index Values					
Alligator Cracking Index	45				
Longitudinal Cracking Index	99				
Tranverse Cracking Index	98				
Patching Index	99				
Rutting Index	70				
Roughness Condition Index (RCI)	52				

** Shoulder widths are measured from video at 0.50 mile intervals along route tangents. Visibility of actual shoulders in video images may affect accuracy of measured shoulder widths.



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

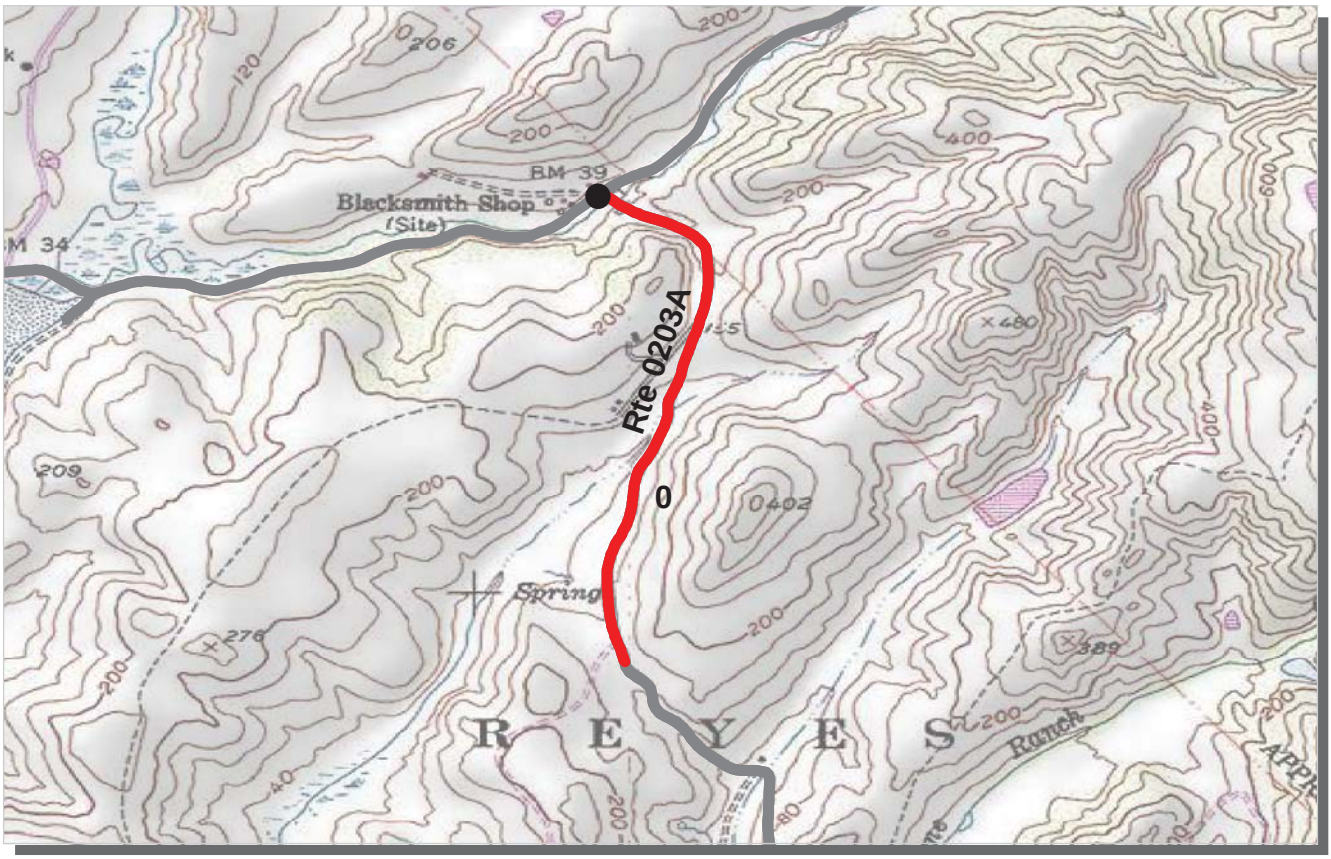
* If the PCR rating is not available for a section, the SCR rating will be displayed. See appendix for definitions and formulas.

PACIFIC WEST REGION
PORE : POINT REYES NATIONAL SEASHORE

ROUTE: 0202 SCHOONER BAY ROAD (OYSTER FARM ROAD) **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 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)**	0				
Shoulder Width Left (ft)**	0				
Roadway Condition Information					
SCR (Surface Condition Rating)	0				
PCR (Pavement Condition Rating)	0				
Distress Index Values					
Alligator Cracking Index	0				
Longitudinal Cracking Index	98				
Tranverse Cracking Index	99				
Patching Index	95				
Rutting Index	42				
Roughness Condition Index (RCI)	NC				

** Shoulder widths are measured from video at 0.50 mile intervals along route tangents. Visibility of actual shoulders in video images may affect accuracy of measured shoulder widths.



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

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

PACIFIC WEST REGION
PORE : POINT REYES NATIONAL SEASHORE

ROUTE: 0203A ESTERO TRAILHEAD ROAD **TOTAL LENGTH: 0.97 Miles**

Section Number	0				
Section Length (mi)	0.97				
Traffic					
AADT	Traffic data may be found at www.efl.fhwa.dot.gov				
SADT	Click on NPS Traffic Data				
ADT Date	(Note: Not all parks have traffic data)				
Cross Section Information					
Number of Lanes	1				
Paved Width (ft)	11				
Lane Width (ft)	11				
Shoulder Width Right (ft)**	0				
Shoulder Width Left (ft)**	3				
Roadway Condition Information					
SCR (Surface Condition Rating)	30				
PCR (Pavement Condition Rating)	28				
Distress Index Values					
Alligator Cracking Index	85				
Longitudinal Cracking Index	95				
Tranverse Cracking Index	92				
Patching Index	97				
Rutting Index	54				
Roughness Condition Index (RCI)	25				

** Shoulder widths are measured from video at 0.50 mile intervals along route tangents. Visibility of actual shoulders in video images may affect accuracy of measured shoulder widths.

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

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

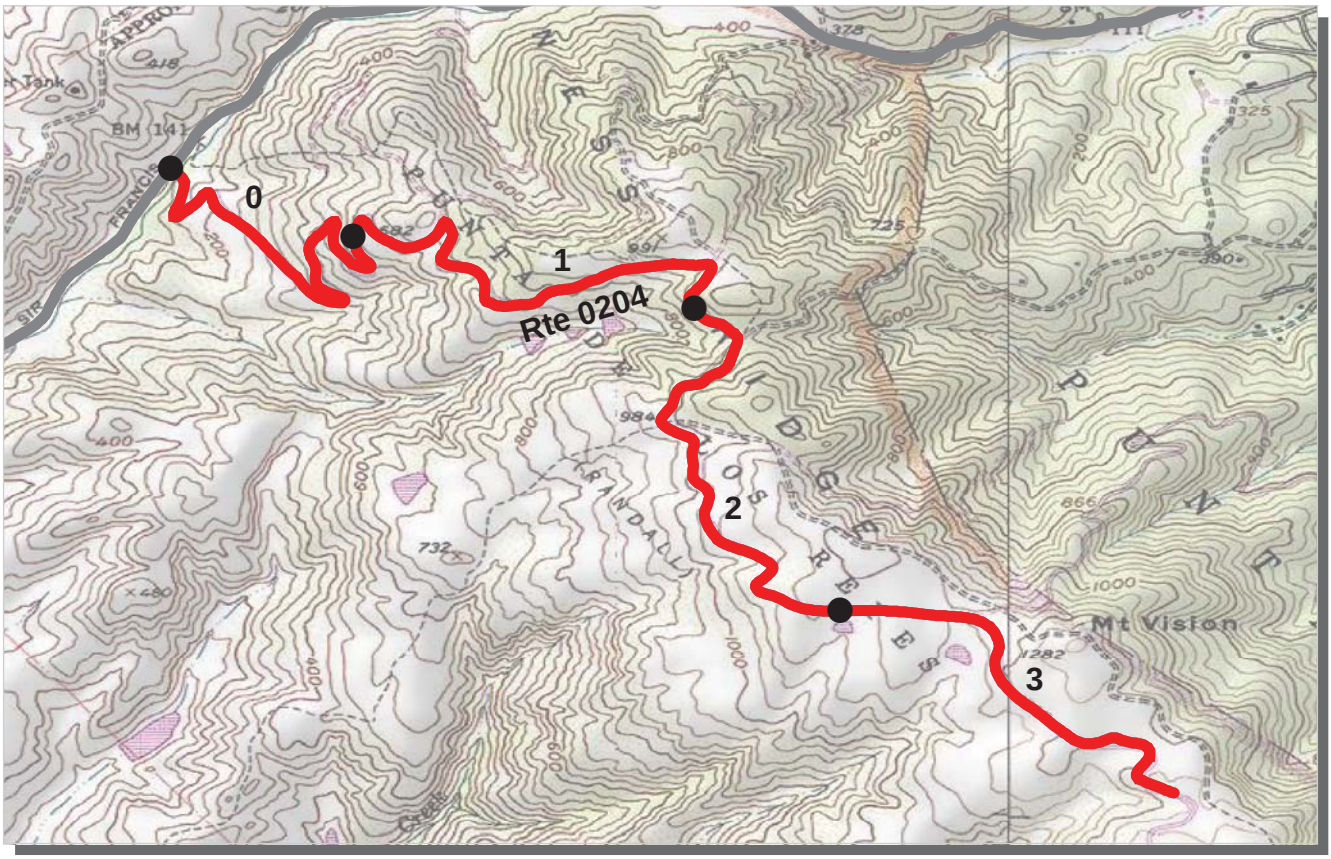
PACIFIC WEST REGION
PORE : POINT REYES NATIONAL SEASHORE

ROUTE: 0203B HOME RANCH ROAD **TOTAL LENGTH: 0.68 Miles**

Section Number	0				
Section Length (mi)	0.68				
Traffic					
AADT	Traffic data may be found at www.efl.fhwa.dot.gov Click on 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)**	3				
Shoulder Width Left (ft)**	0				
Roadway Condition Information					
SCR (Surface Condition Rating)	14				
PCR (Pavement Condition Rating)	17				
Distress Index Values					
Alligator Cracking Index	73				
Longitudinal Cracking Index	95				
Tranverse Cracking Index	92				
Patching Index	98				
Rutting Index	33				
Roughness Condition Index (RCI)	33				

** Shoulder widths are measured from video at 0.50 mile intervals along route tangents. Visibility of actual shoulders in video images may affect accuracy of measured shoulder widths.

ROUTE: 0203B HOME RANCH ROAD



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

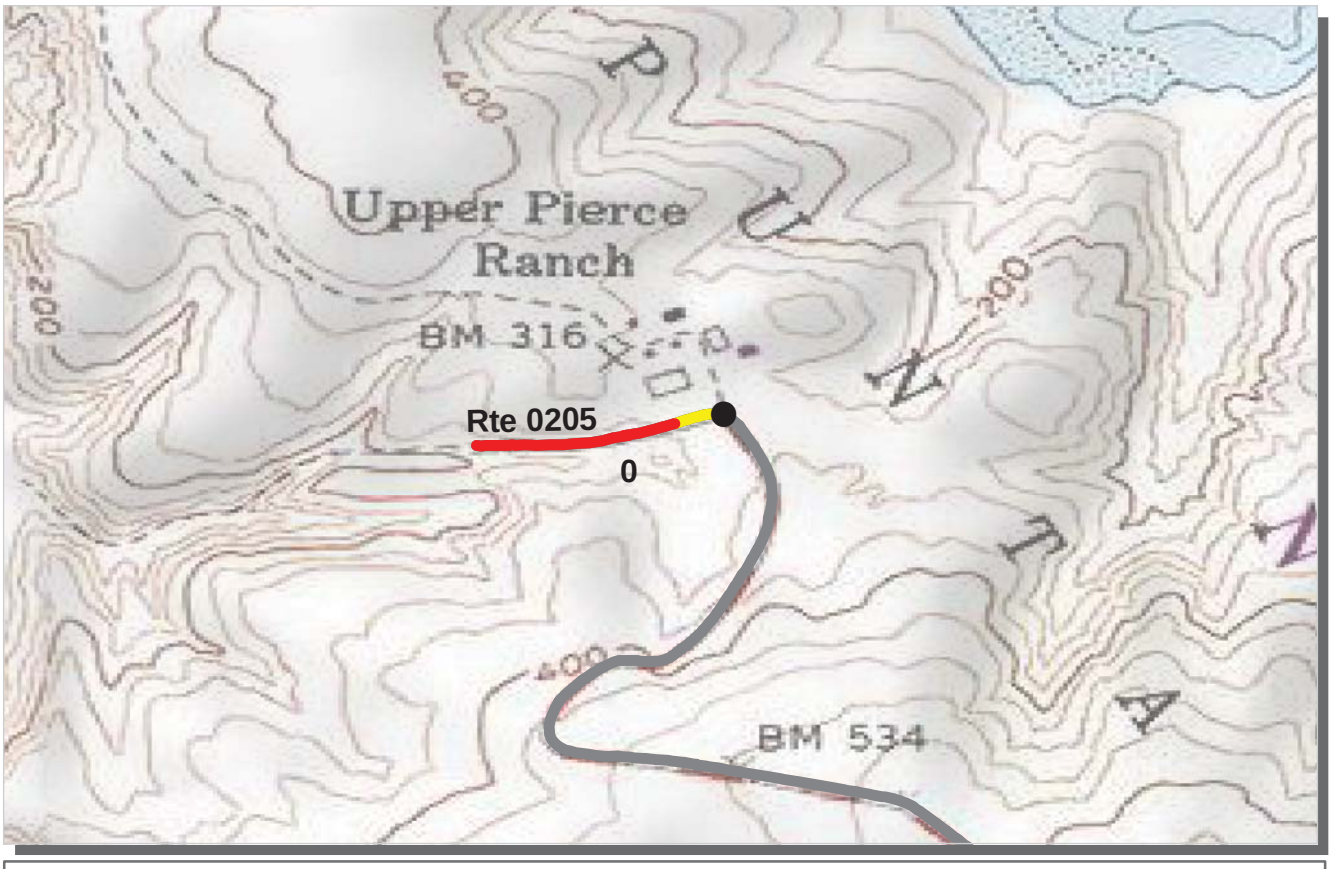
* If the PCR rating is not available for a section, the SCR rating will be displayed. See appendix for definitions and formulas.

PACIFIC WEST REGION
PORE : POINT REYES NATIONAL SEASHORE

ROUTE: 0204 MOUNT VISION ROAD **TOTAL LENGTH: 3.86 Miles**

Section Number	0	1	2	3	
Section Length (mi)	1.00	1.00	1.00	0.86	
Traffic AADT SADT ADT Date	Traffic data may be found at www.efl.fhwa.dot.gov Click on NPS Traffic Data (Note: Not all parks have traffic data)				
Cross Section Information					
Number of Lanes	1	1	1	1	
Paved Width (ft)	10	13	12	14	
Lane Width (ft)	9	13	11	13	
Shoulder Width Right (ft)**	8	3	4	8	
Shoulder Width Left (ft)**	7	8	6	4	
Roadway Condition Information					
SCR (Surface Condition Rating)	36	50	41	37	
PCR (Pavement Condition Rating)	35	45	37	34	
Distress Index Values					
Alligator Cracking Index	98	100	100	99	
Longitudinal Cracking Index	96	99	98	97	
Tranverse Cracking Index	96	98	96	95	
Patching Index	100	100	100	100	
Rutting Index	46	54	46	46	
Roughness Condition Index (RCI)	20	34	24	25	

** Shoulder widths are measured from video at 0.50 mile intervals along route tangents. Visibility of actual shoulders in video images may affect accuracy of measured shoulder widths.



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

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

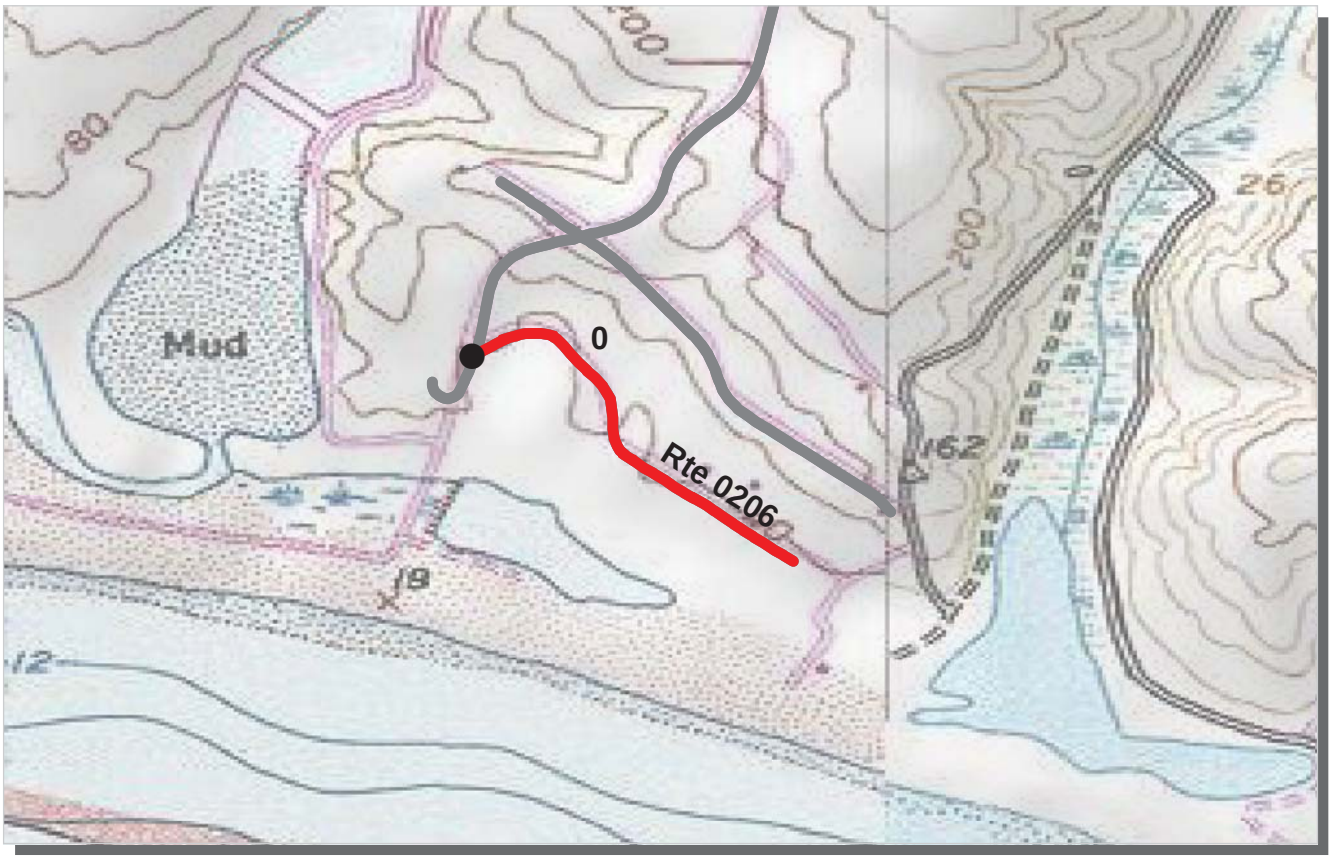
PACIFIC WEST REGION
PORE : POINT REYES NATIONAL SEASHORE

ROUTE: 0205 MCCLURE BEACH ACCESS ROAD **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 NPS Traffic Data (Note: Not all parks have traffic data)				
SADT					
ADT Date					
Cross Section Information					
Number of Lanes	2				
Paved Width (ft)	20				
Lane Width (ft)	12				
Shoulder Width Right (ft)**	6				
Shoulder Width Left (ft)**	4				
Roadway Condition Information					
SCR (Surface Condition Rating)	37				
PCR (Pavement Condition Rating)	33				
Distress Index Values					
Alligator Cracking Index	67				
Longitudinal Cracking Index	98				
Tranverse Cracking Index	98				
Patching Index	99				
Rutting Index	48				
Roughness Condition Index (RCI)	23				

ROUTE: 0205 MCCLURE BEACH ACCESS ROAD

** Shoulder widths are measured from video at 0.50 mile intervals along route tangents. Visibility of actual shoulders in video images may affect accuracy of measured shoulder widths.



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

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

PACIFIC WEST REGION
PORE : POINT REYES NATIONAL SEASHORE

ROUTE: 0206 LIMANTOUR BEACH TRAIL ACCESS ROAD TOTAL LENGTH: 0.37 Miles

Section Number	0				
Section Length (mi)	0.37				
Traffic					
AADT	Traffic data may be found at www.efl.fhwa.dot.gov Click on 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)**	5				
Shoulder Width Left (ft)**	3				
Roadway Condition Information					
SCR (Surface Condition Rating)	45				
PCR (Pavement Condition Rating)	45				
Distress Index Values					
Alligator Cracking Index	100				
Longitudinal Cracking Index	99				
Tranverse Cracking Index	98				
Patching Index	100				
Rutting Index	48				
Roughness Condition Index (RCI)	46				

** Shoulder widths are measured from video at 0.50 mile intervals along route tangents. Visibility of actual shoulders in video images may affect accuracy of measured shoulder widths.

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

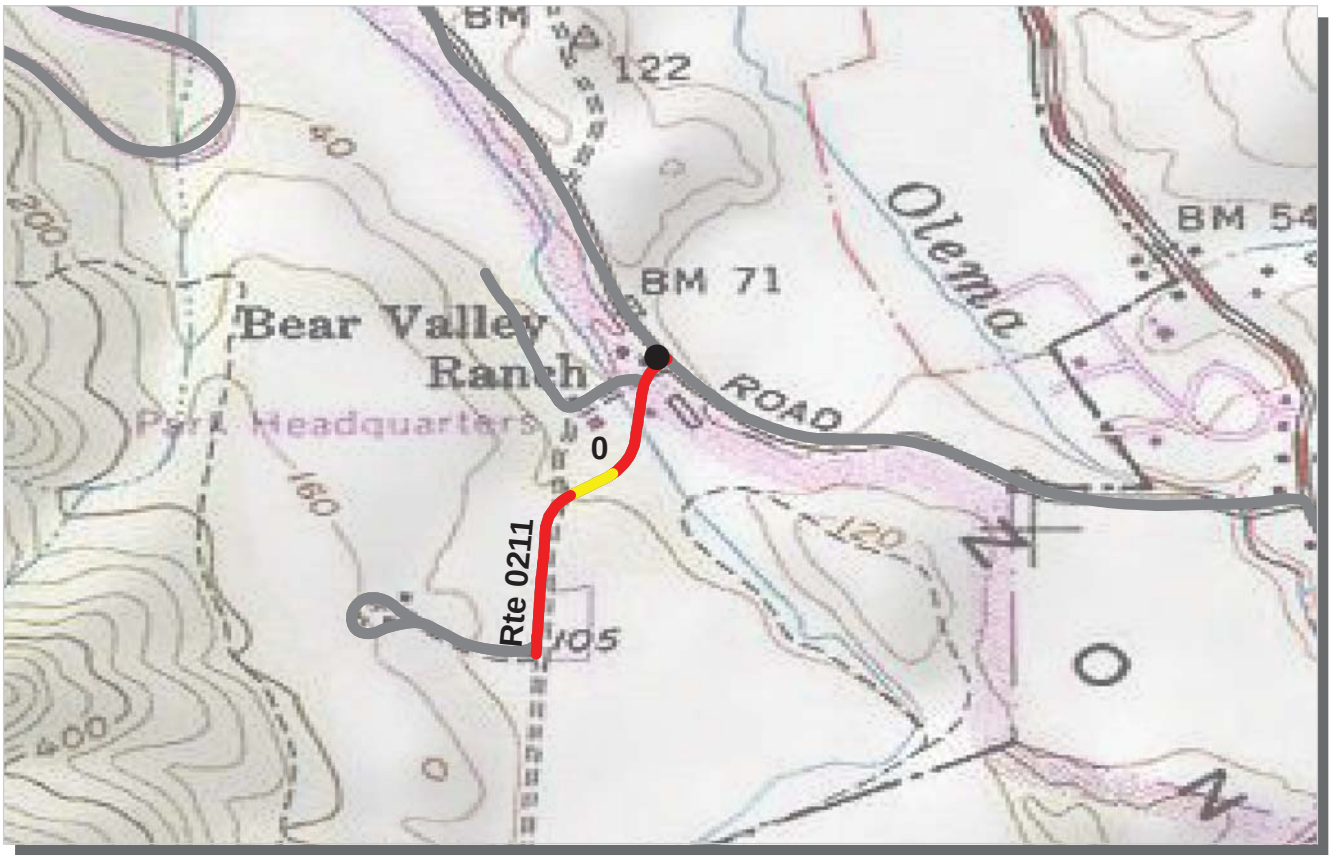
* If the PCR rating is not available for a section, the SCR rating will be displayed. See appendix for definitions and formulas.

PACIFIC WEST REGION
PORE : POINT REYES NATIONAL SEASHORE

ROUTE: 0210 LAGUNA ROAD **TOTAL LENGTH: 0.65 Miles**

Section Number	0				
Section Length (mi)	0.65				
Traffic					
AADT	Traffic data may be found at www.efl.fhwa.dot.gov Click on NPS Traffic Data (Note: Not all parks have traffic data)				
SADT					
ADT Date					
Cross Section Information					
Number of Lanes	2				
Paved Width (ft)	16				
Lane Width (ft)	8				
Shoulder Width Right (ft)**	3				
Shoulder Width Left (ft)**	4				
Roadway Condition Information					
SCR (Surface Condition Rating)	50				
PCR (Pavement Condition Rating)	48				
Distress Index Values					
Alligator Cracking Index	94				
Longitudinal Cracking Index	99				
Tranverse Cracking Index	97				
Patching Index	100				
Rutting Index	60				
Roughness Condition Index (RCI)	46				

** Shoulder widths are measured from video at 0.50 mile intervals along route tangents. Visibility of actual shoulders in video images may affect accuracy of measured shoulder widths.



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

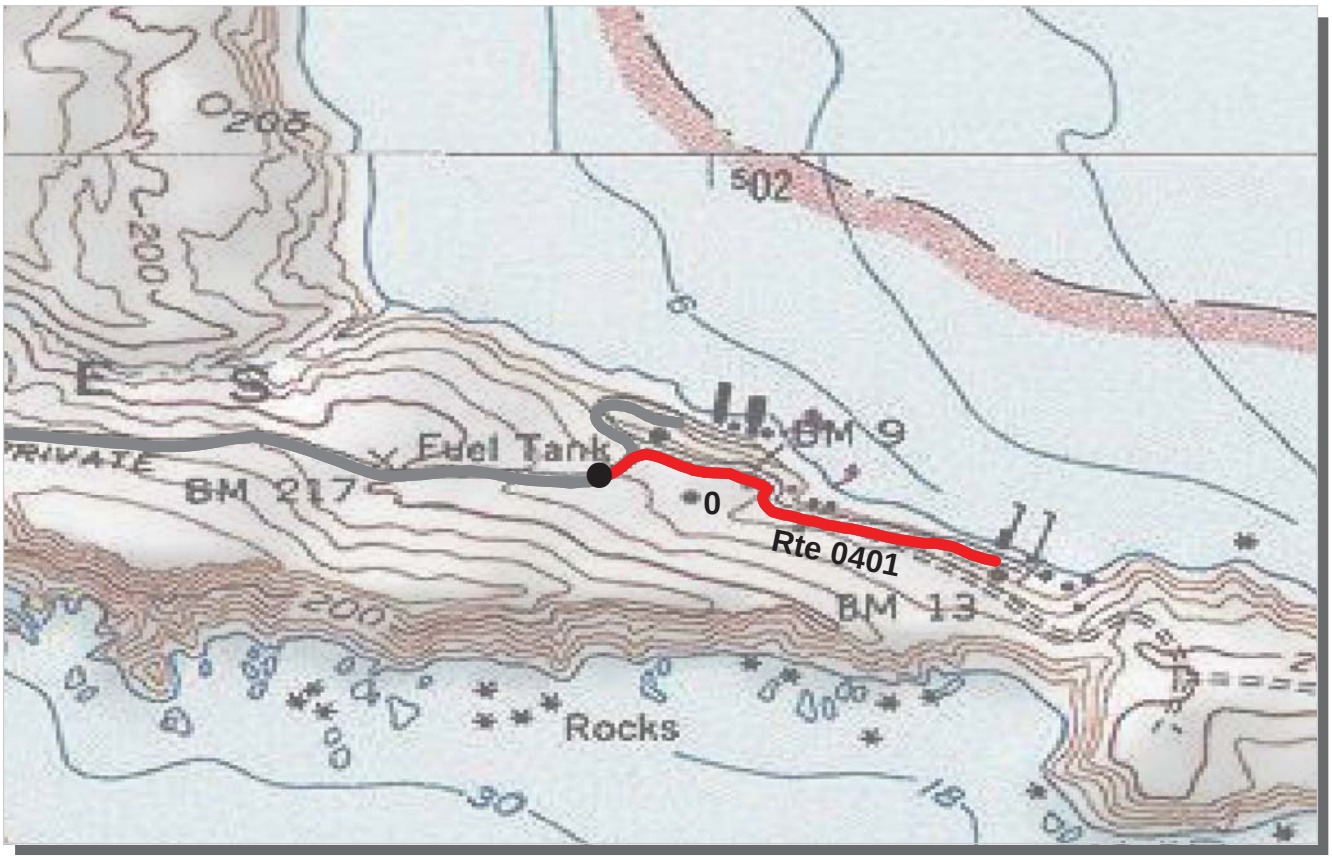
* If the PCR rating is not available for a section, the SCR rating will be displayed. See appendix for definitions and formulas.

PACIFIC WEST REGION
PORE : POINT REYES NATIONAL SEASHORE

ROUTE: 0211 BEAR VALLEY TRAILHEAD ROAD **TOTAL LENGTH: 0.33 Miles**

Section Number	0				
Section Length (mi)	0.33				
Traffic					
AADT	Traffic data may be found at www.efl.fhwa.dot.gov Click on 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)	14				
Shoulder Width Right (ft)**	2				
Shoulder Width Left (ft)**	4				
Roadway Condition Information					
SCR (Surface Condition Rating)	42				
PCR (Pavement Condition Rating)	41				
Distress Index Values					
Alligator Cracking Index	77				
Longitudinal Cracking Index	97				
Tranverse Cracking Index	95				
Patching Index	99				
Rutting Index	65				
Roughness Condition Index (RCI)	49				

** Shoulder widths are measured from video at 0.50 mile intervals along route tangents. Visibility of actual shoulders in video images may affect accuracy of measured shoulder widths.



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

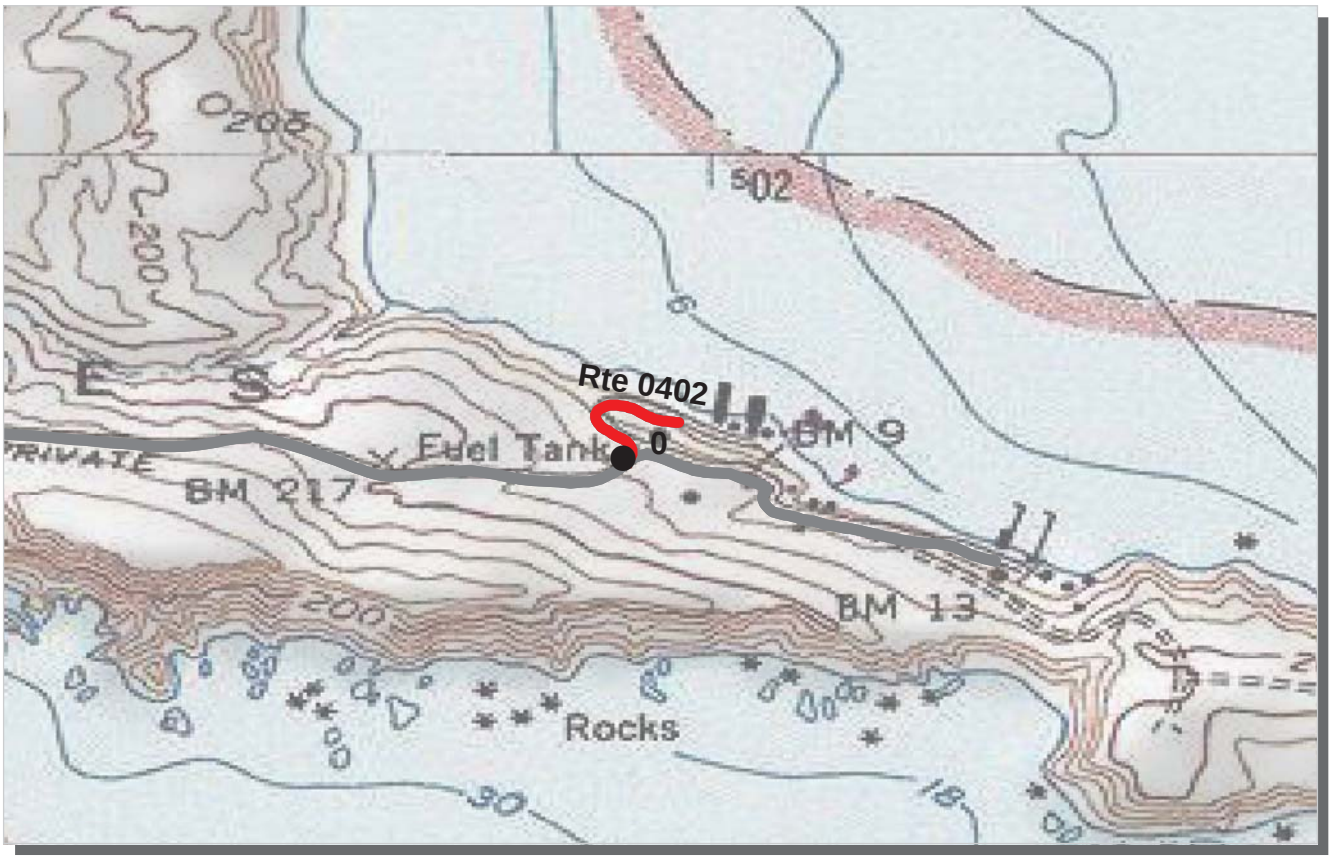
* If the PCR rating is not available for a section, the SCR rating will be displayed. See appendix for definitions and formulas.

PACIFIC WEST REGION
PORE : POINT REYES NATIONAL SEASHORE

ROUTE: 0401 LIFEBOAT STATION ROAD **TOTAL LENGTH: 0.35 Miles**

Section Number	0				
Section Length (mi)	0.35				
Traffic					
AADT	Traffic data may be found at www.efl.fhwa.dot.gov Click on 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)	12				
Shoulder Width Right (ft)**	2				
Shoulder Width Left (ft)**	1				
Roadway Condition Information					
SCR (Surface Condition Rating)	8				
PCR (Pavement Condition Rating)	8				
Distress Index Values					
Alligator Cracking Index	16				
Longitudinal Cracking Index	95				
Tranverse Cracking Index	96				
Patching Index	99				
Rutting Index	74				
Roughness Condition Index (RCI)	33				

** Shoulder widths are measured from video at 0.50 mile intervals along route tangents. Visibility of actual shoulders in video images may affect accuracy of measured shoulder widths.



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

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

PACIFIC WEST REGION
PORE : POINT REYES NATIONAL SEASHORE

ROUTE: 0402 FISH DOCKS (MENDOZA) ROAD **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 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)	10				
Shoulder Width Right (ft)**	0				
Shoulder Width Left (ft)**	0				
Roadway Condition Information					
SCR (Surface Condition Rating)	1				
PCR (Pavement Condition Rating)	1				
Distress Index Values					
Alligator Cracking Index	21				
Longitudinal Cracking Index	96				
Tranverse Cracking Index	97				
Patching Index	98				
Rutting Index	48				
Roughness Condition Index (RCI)	NC				

** Shoulder widths are measured from video at 0.50 mile intervals along route tangents. Visibility of actual shoulders in video images may affect accuracy of measured shoulder widths.

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

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

PACIFIC WEST REGION
PORE : POINT REYES NATIONAL SEASHORE

ROUTE: 0404 LIMANTOUR RESIDENCE ROAD WEST **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 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)	12				
Shoulder Width Right (ft)**	6				
Shoulder Width Left (ft)**	12				
Roadway Condition Information					
SCR (Surface Condition Rating)	37				
PCR (Pavement Condition Rating)	41				
Distress Index Values					
Alligator Cracking Index	100				
Longitudinal Cracking Index	100				
Tranverse Cracking Index	99				
Patching Index	100				
Rutting Index	38				
Roughness Condition Index (RCI)	54				

** Shoulder widths are measured from video at 0.50 mile intervals along route tangents. Visibility of actual shoulders in video images may affect accuracy of measured shoulder widths.

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

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

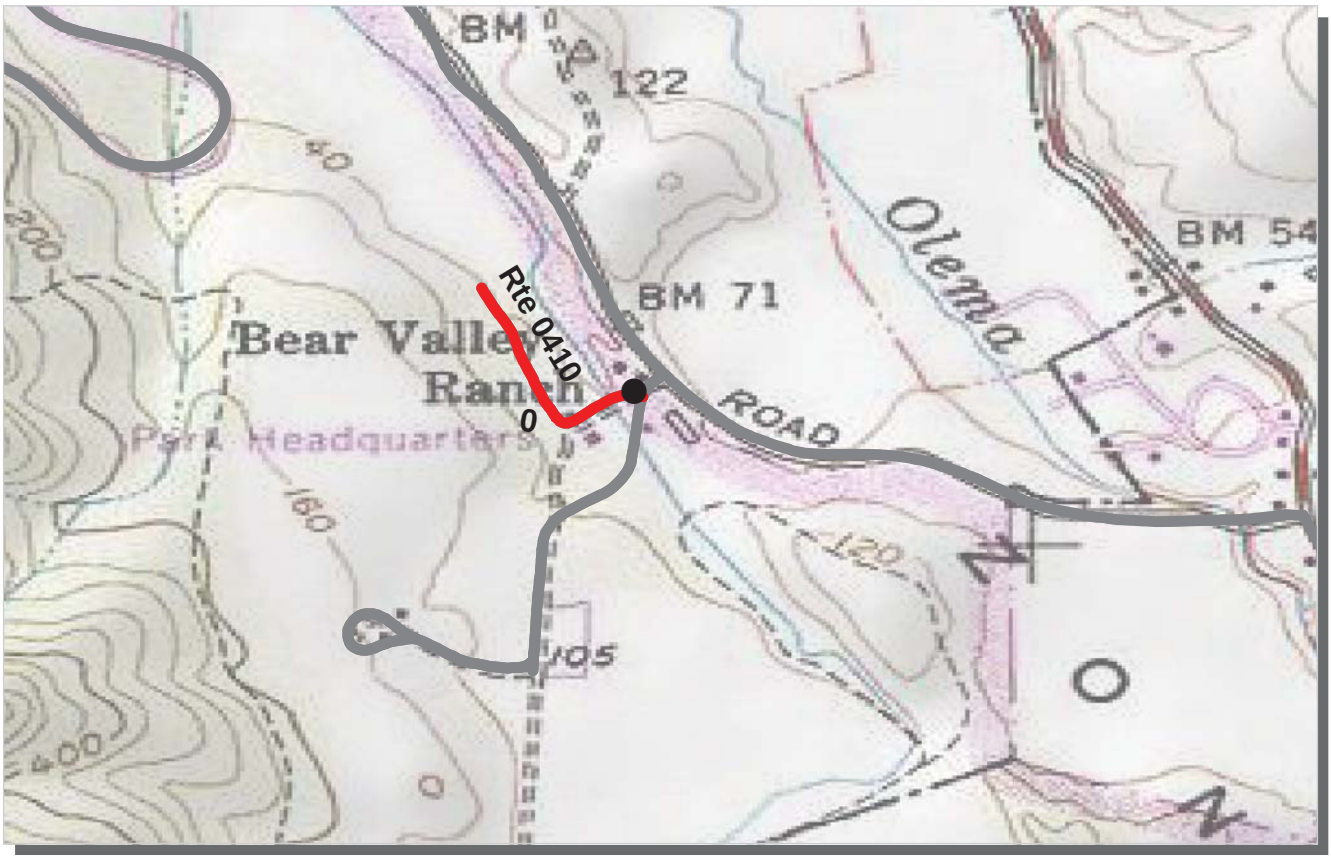
PACIFIC WEST REGION
PORE : POINT REYES NATIONAL SEASHORE

ROUTE: 0408 MORGAN HORSE RANCH ROAD **TOTAL LENGTH: 0.24 Miles**

Section Number	0				
Section Length (mi)	0.24				
Traffic					
AADT	Traffic data may be found at www.efl.fhwa.dot.gov Click on 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)**	4				
Shoulder Width Left (ft)**	3				
Roadway Condition Information					
SCR (Surface Condition Rating)	46				
PCR (Pavement Condition Rating)	39				
Distress Index Values					
Alligator Cracking Index	93				
Longitudinal Cracking Index	97				
Tranverse Cracking Index	93				
Patching Index	100				
Rutting Index	60				
Roughness Condition Index (RCI)	23				

** Shoulder widths are measured from video at 0.50 mile intervals along route tangents. Visibility of actual shoulders in video images may affect accuracy of measured shoulder widths.

ROUTE: 0408 MORGAN HORSE RANCH ROAD



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

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

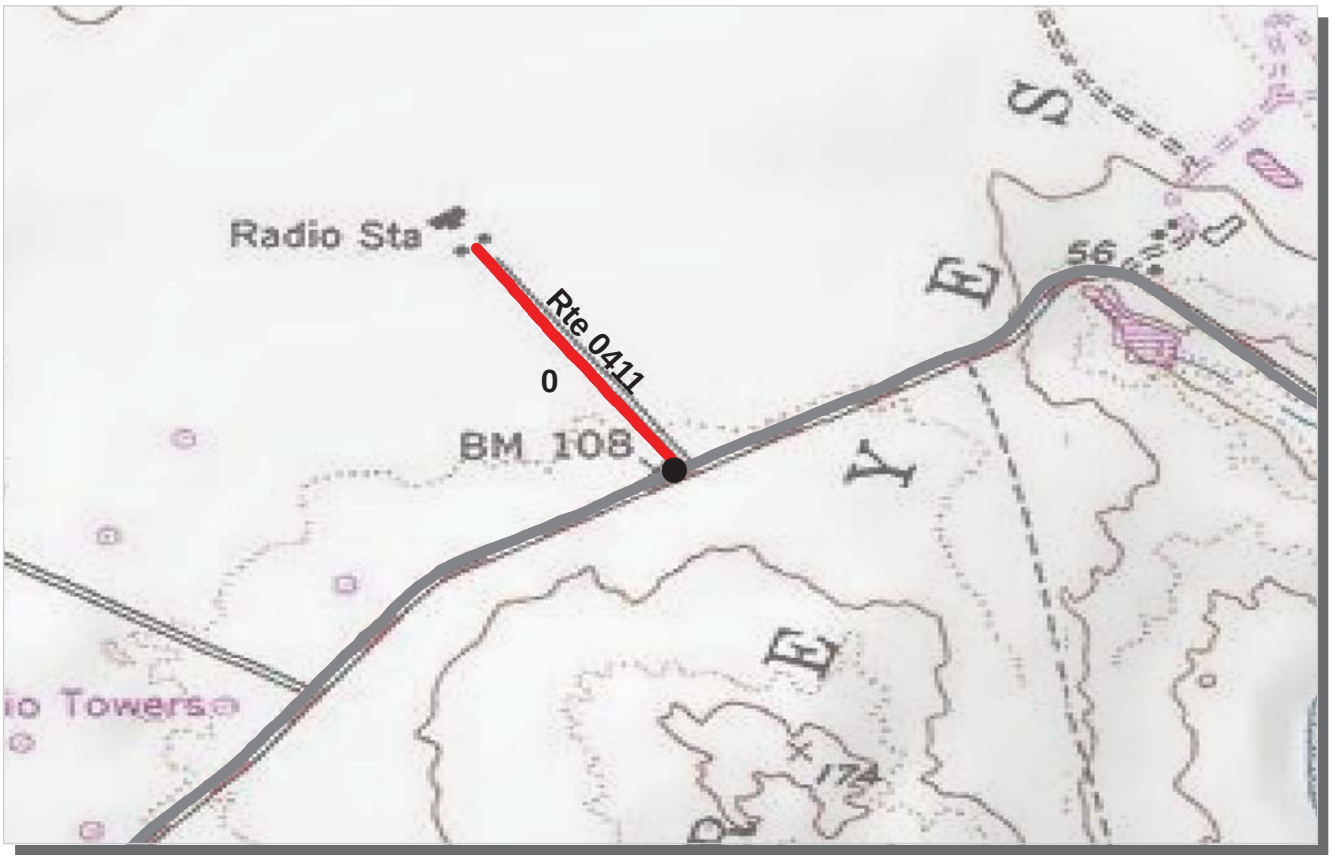
PACIFIC WEST REGION
PORE : POINT REYES NATIONAL SEASHORE

ROUTE: 0410 BEAR VALLEY MAINTENANCE ACCESS ROAD **TOTAL LENGTH: 0.22 Miles**

Section Number	0				
Section Length (mi)	0.22				
Traffic					
AADT	Traffic data may be found at www.efl.fhwa.dot.gov Click on 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)**	0				
Shoulder Width Left (ft)**	5				
Roadway Condition Information					
SCR (Surface Condition Rating)	38				
PCR (Pavement Condition Rating)	34				
Distress Index Values					
Alligator Cracking Index	89				
Longitudinal Cracking Index	98				
Tranverse Cracking Index	96				
Patching Index	99				
Rutting Index	56				
Roughness Condition Index (RCI)	30				

** Shoulder widths are measured from video at 0.50 mile intervals along route tangents. Visibility of actual shoulders in video images may affect accuracy of measured shoulder widths.

ROUTE: 0410 BEAR VALLEY MAINTENANCE ACCESS ROAD



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

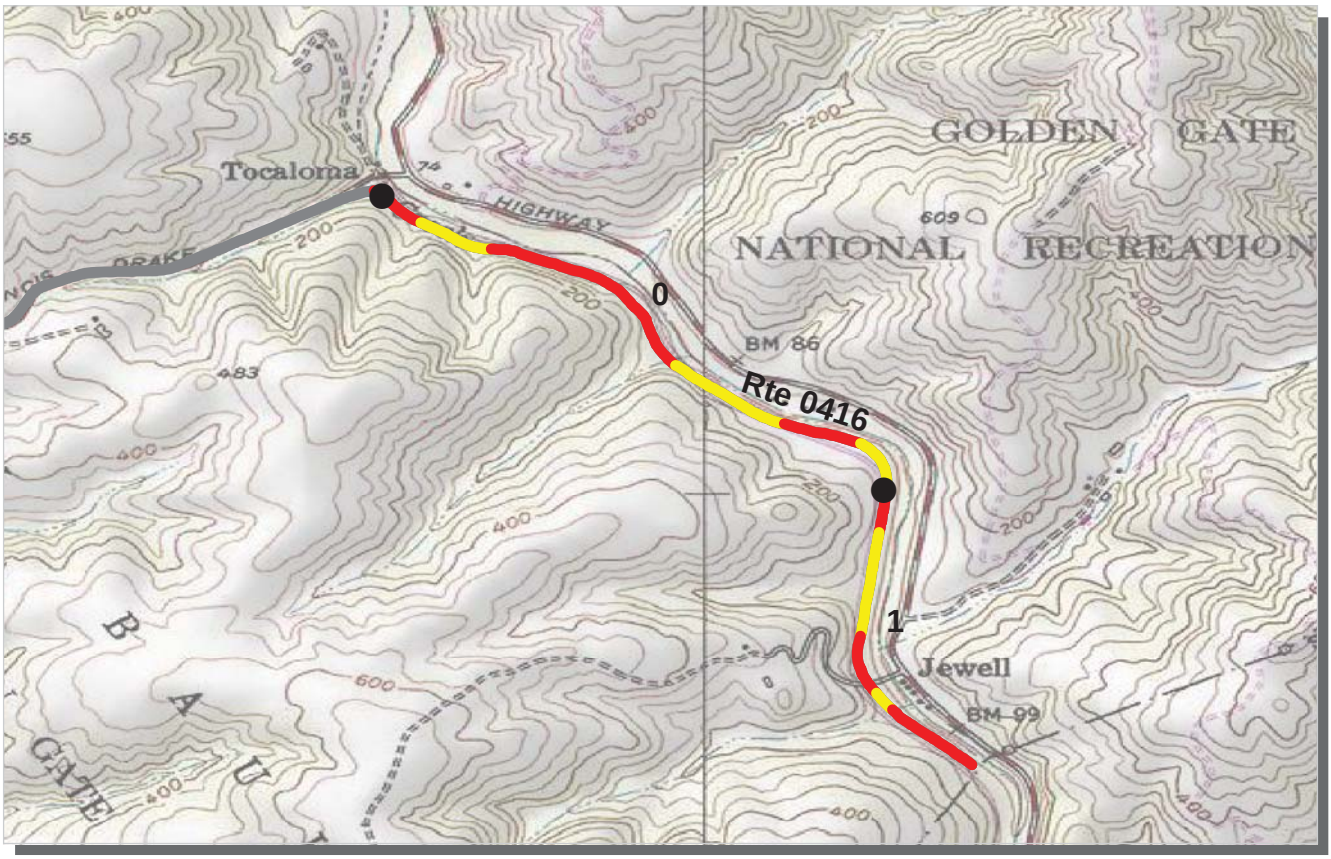
* If the PCR rating is not available for a section, the SCR rating will be displayed. See appendix for definitions and formulas.

PACIFIC WEST REGION
PORE : POINT REYES NATIONAL SEASHORE

ROUTE: 0411 NORTH OPERATIONS CENTER ROAD **TOTAL LENGTH: 0.24 Miles**

Section Number	0				
Section Length (mi)	0.24				
Traffic					
AADT	Traffic data may be found at www.efl.fhwa.dot.gov Click on NPS Traffic Data (Note: Not all parks have traffic data)				
SADT					
ADT Date					
Cross Section Information					
Number of Lanes	2				
Paved Width (ft)	16				
Lane Width (ft)	8				
Shoulder Width Right (ft)**	0				
Shoulder Width Left (ft)**	0				
Roadway Condition Information					
SCR (Surface Condition Rating)	11				
PCR (Pavement Condition Rating)	19				
Distress Index Values					
Alligator Cracking Index	69				
Longitudinal Cracking Index	88				
Tranverse Cracking Index	96				
Patching Index	100				
Rutting Index	46				
Roughness Condition Index (RCI)	36				

** Shoulder widths are measured from video at 0.50 mile intervals along route tangents. Visibility of actual shoulders in video images may affect accuracy of measured shoulder widths.



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

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

PACIFIC WEST REGION
PORE : POINT REYES NATIONAL SEASHORE

ROUTE: 0416 CROSS MARIN TRAIL ROAD **TOTAL LENGTH: 1.60 Miles**

Section Number	0	1			
Section Length (mi)	1.00	0.60			
Traffic					
AADT	Traffic data may be found at www.efl.fhwa.dot.gov				
SADT	Click on NPS Traffic Data				
ADT Date	(Note: Not all parks have traffic data)				
Cross Section Information					
Number of Lanes	1	1			
Paved Width (ft)	8	9			
Lane Width (ft)	8	9			
Shoulder Width Right (ft)**	4	0			
Shoulder Width Left (ft)**	2	0			
Roadway Condition Information					
SCR (Surface Condition Rating)	53	47			
PCR (Pavement Condition Rating)	50	48			
Distress Index Values					
Alligator Cracking Index	75	71			
Longitudinal Cracking Index	89	89			
Tranverse Cracking Index	98	97			
Patching Index	100	100			
Rutting Index	88	88			
Roughness Condition Index (RCI)	45	49			

** Shoulder widths are measured from video at 0.50 mile intervals along route tangents. Visibility of actual shoulders in video images may affect accuracy of measured shoulder widths.

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

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

PACIFIC WEST REGION
PORE : POINT REYES NATIONAL SEASHORE

ROUTE: 0500 LIMANTOUR RESIDENCE ROAD EAST **TOTAL LENGTH: 0.37 Miles**

Section Number	0				
Section Length (mi)	0.37				
Traffic					
AADT	Traffic data may be found at www.efl.fhwa.dot.gov Click on NPS Traffic Data (Note: Not all parks have traffic data)				
SADT					
ADT Date					
Cross Section Information					
Number of Lanes	1				
Paved Width (ft)	15				
Lane Width (ft)	13				
Shoulder Width Right (ft)**	7				
Shoulder Width Left (ft)**	3				
Roadway Condition Information					
SCR (Surface Condition Rating)	45				
PCR (Pavement Condition Rating)	46				
Distress Index Values					
Alligator Cracking Index	100				
Longitudinal Cracking Index	99				
Tranverse Cracking Index	98				
Patching Index	100				
Rutting Index	48				
Roughness Condition Index (RCI)	50				

** Shoulder widths are measured from video at 0.50 mile intervals along route tangents. Visibility of actual shoulders in video images may affect accuracy of measured shoulder widths.

Point Reyes National Seashore

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

Section 6: Manually Rated Paved Route Condition Rating Sheets

No data available for this section.

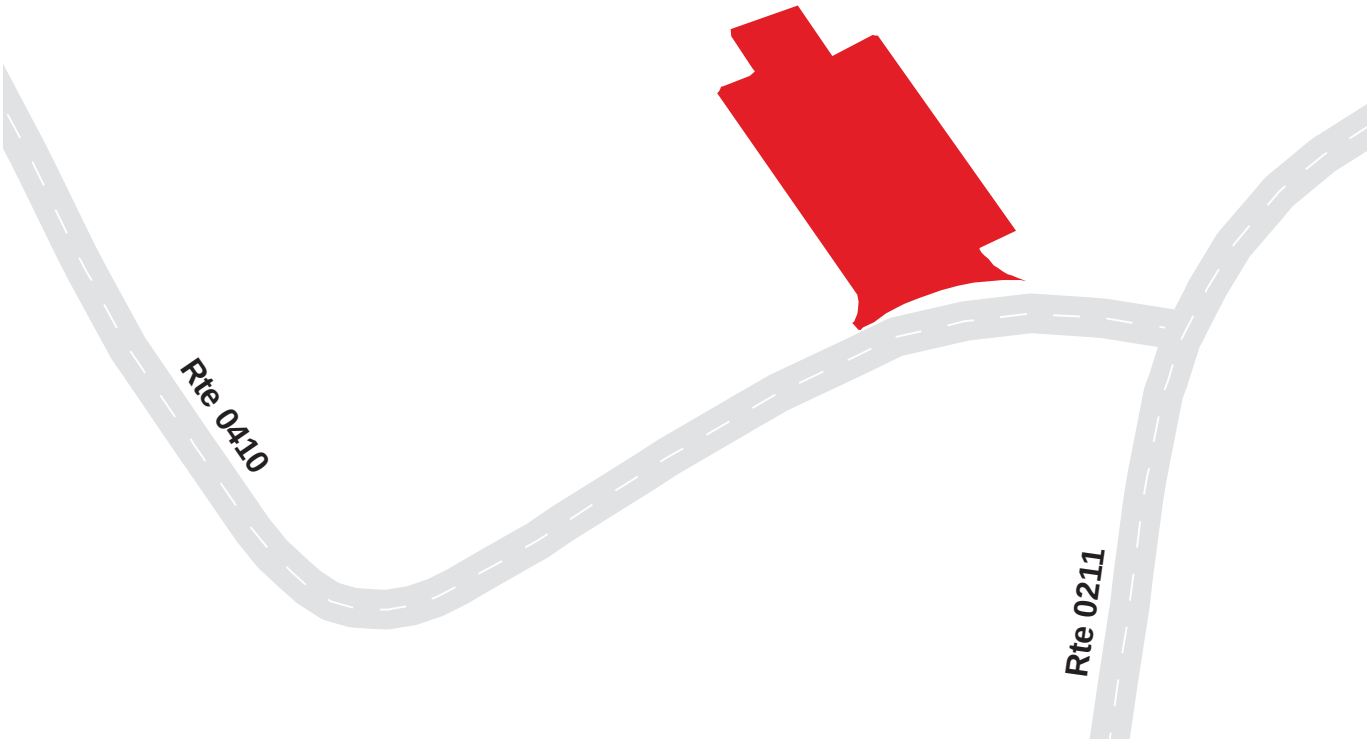
Point Reyes National Seashore

Section 7
Parking Area Condition Rating Sheets

POINT REYES NATIONAL SEASHORE
Route 0900
PARK HEADQUARTERS PARKING
ADJACENT TO ROUTE 0410 AT MP 0.01 ON RIGHT

Route Number	Public / NonPublic	Date Visited	Area (sq ft)	Lane Miles *	Surface Type
0900	PUBLIC	5/11/2006	9296	0.16	AS
Culverts	**Drop Inlets**	**Gates**	**Curb & Gutter**	**Curb**	**PCR**
1	0	0	NO CURB AND GUTTER	ASPHALT CURB	GOOD/90

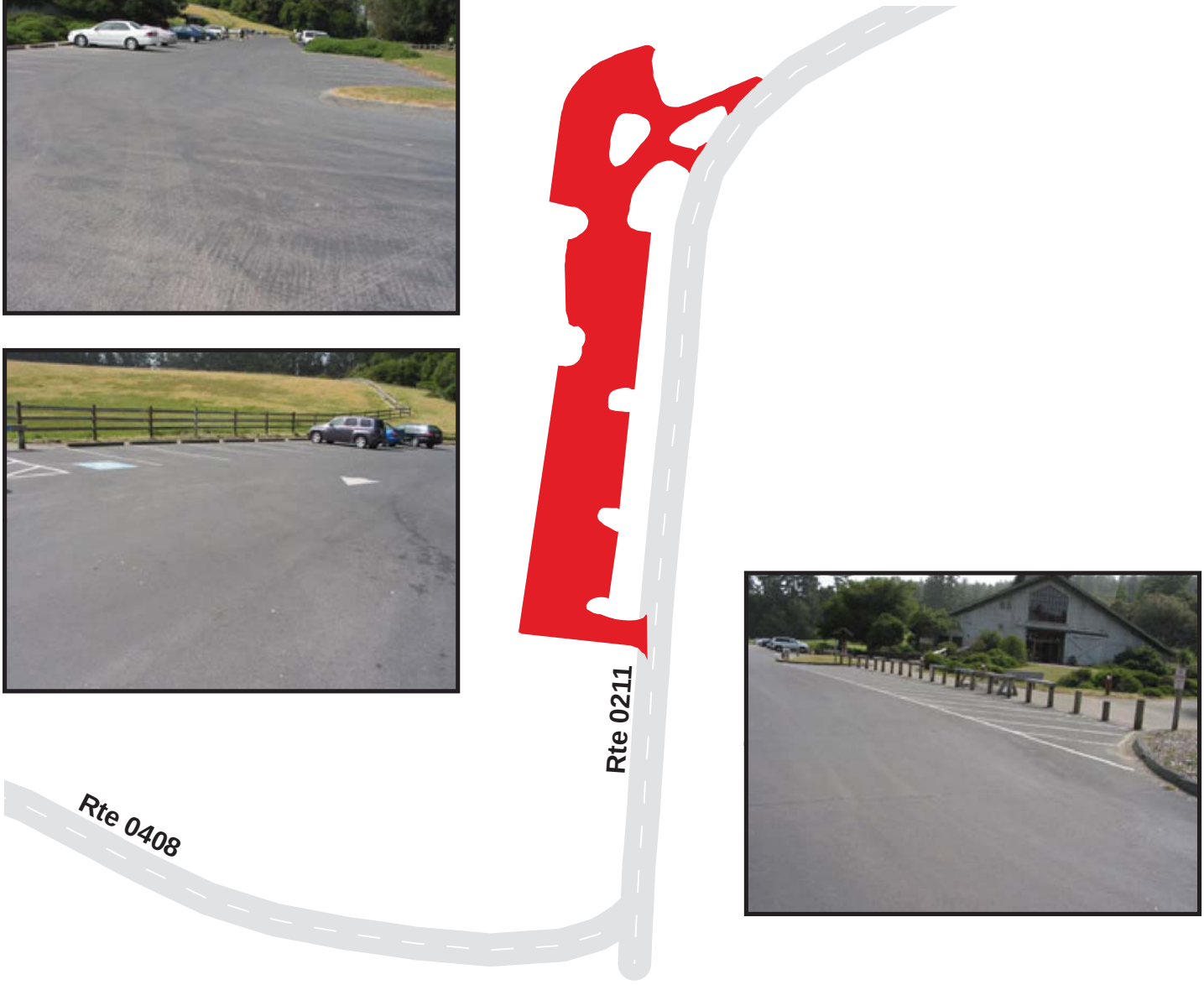
* Lane miles are based on 11' lane widths



POINT REYES NATIONAL SEASHORE
Route 0901
BEAR VALLEY VISITOR CENTER PARKING
ADJACENT TO ROUTE 0211 AT MP 0.2 ON RIGHT

Route Number	Public / NonPublic	Date Visited	Area (sq ft)	Lane Miles *	Surface Type
0901	PUBLIC	5/12/2006	31136	0.54	AS
Culverts	**Drop Inlets**	**Gates**	**Curb & Gutter**	**Curb**	**PCR**
0	0	0	NO CURB AND GUTTER	ASPHALT CURB	GOOD/90

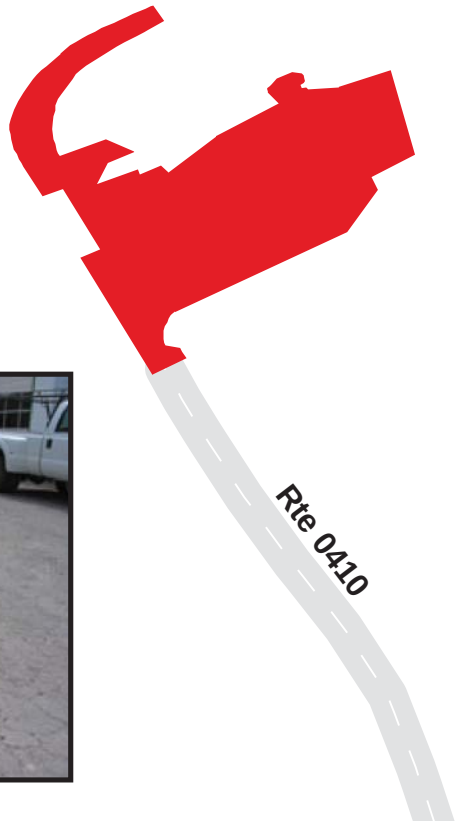
* Lane miles are based on 11' lane widths



POINT REYES NATIONAL SEASHORE
Route 0902B
BEAR VALLEY R AND T EQUIPMENT PARKING
AT END OF ROUTE 0410

Route Number	Public / NonPublic	Date Visited	Area (sq ft)	Lane Miles *	Surface Type
0902B	NONPUBLIC	5/12/2006	22408	0.39	AS
Culverts	**Drop Inlets**	**Gates**	**Curb & Gutter**	**Curb**	**PCR**
0	0	1	NO CURB AND GUTTER	ASPHALT CURB	POOR/45

* Lane miles are based on 11' lane widths



200 100 0 200
Feet

N

POINT REYES NATIONAL SEASHORE
Route 0902C
BEAR VALLEY HQ RESIDENTS PARKING
ADJACENT TO ROUTE 0410 AT MP 0.1 ON RIGHT

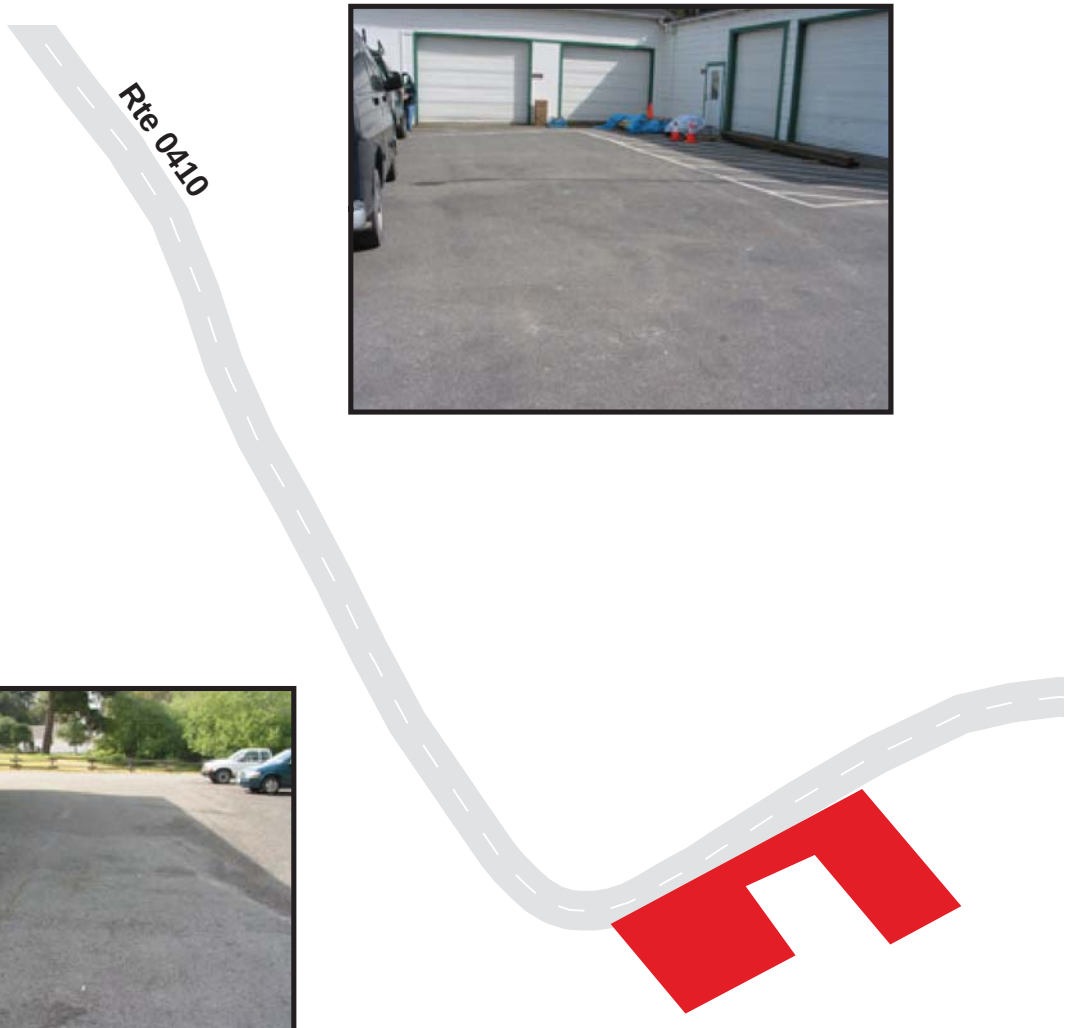
Route Number	Public / NonPublic	Date Visited	Area (sq ft)	Lane Miles *	Surface Type
0902C	PUBLIC	5/12/2006	5761	0.10	AS
Culverts	**Drop Inlets**	**Gates**	**Curb & Gutter**	**Curb**	**PCR**
0	2	0	CONCRETE CURB AND GUTTER	CONCRETE CURB	GOOD/90

* Lane miles are based on 11' lane widths

POINT REYES NATIONAL SEASHORE
Route 0902D
BEAR VALLEY BLDG 77 PARKING
ADJACENT TO ROUTE 0410 AT MP 0.05 ON LEFT

Route Number	Public / NonPublic	Date Visited	Area (sq ft)	Lane Miles *	Surface Type
0902D	PUBLIC	5/12/2006	12602	0.22	AS
Culverts	**Drop Inlets**	**Gates**	**Curb & Gutter**	**Curb**	**PCR**
0	1	0	NO CURB AND GUTTER	NO CURB	FAIR/73

* Lane miles are based on 11' lane widths



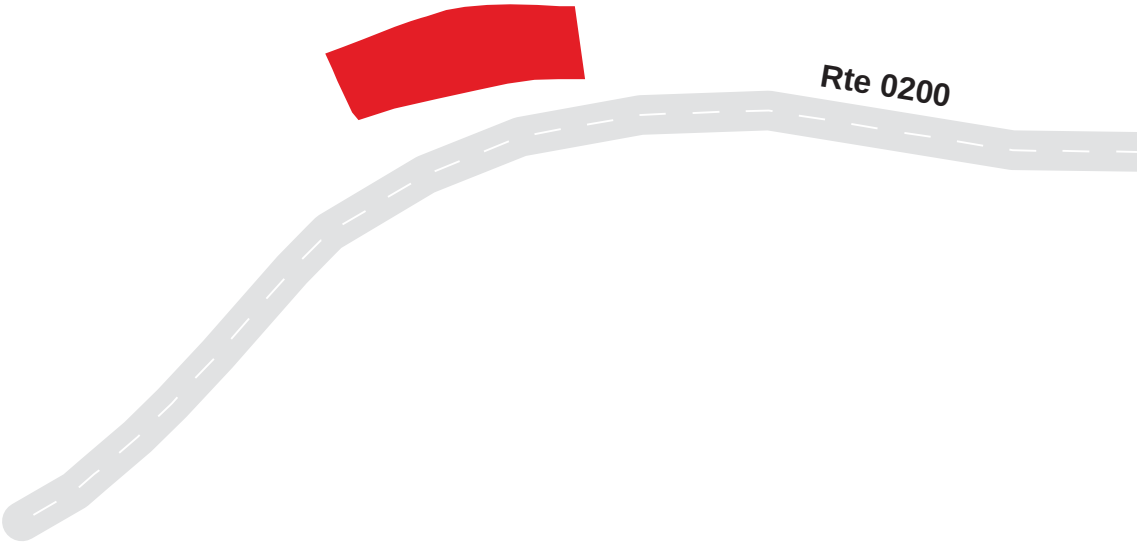
200 100 0 200
Feet

N

POINT REYES NATIONAL SEASHORE
Route 0903
LIGHTHOUSE RESIDENCE PARKING
ADJACENT TO ROUTE 0200 AT MP 1.4 ON RIGHT

Route Number	Public / NonPublic	Date Visited	Area (sq ft)	Lane Miles *	Surface Type
0903	NONPUBLIC	5/11/2006	1056	0.02	AS
Culverts	**Drop Inlets**	**Gates**	**Curb & Gutter**	**Curb**	**PCR**
0	0	0	NO CURB AND GUTTER	NO CURB	FAIR/73

* Lane miles are based on 11' lane widths

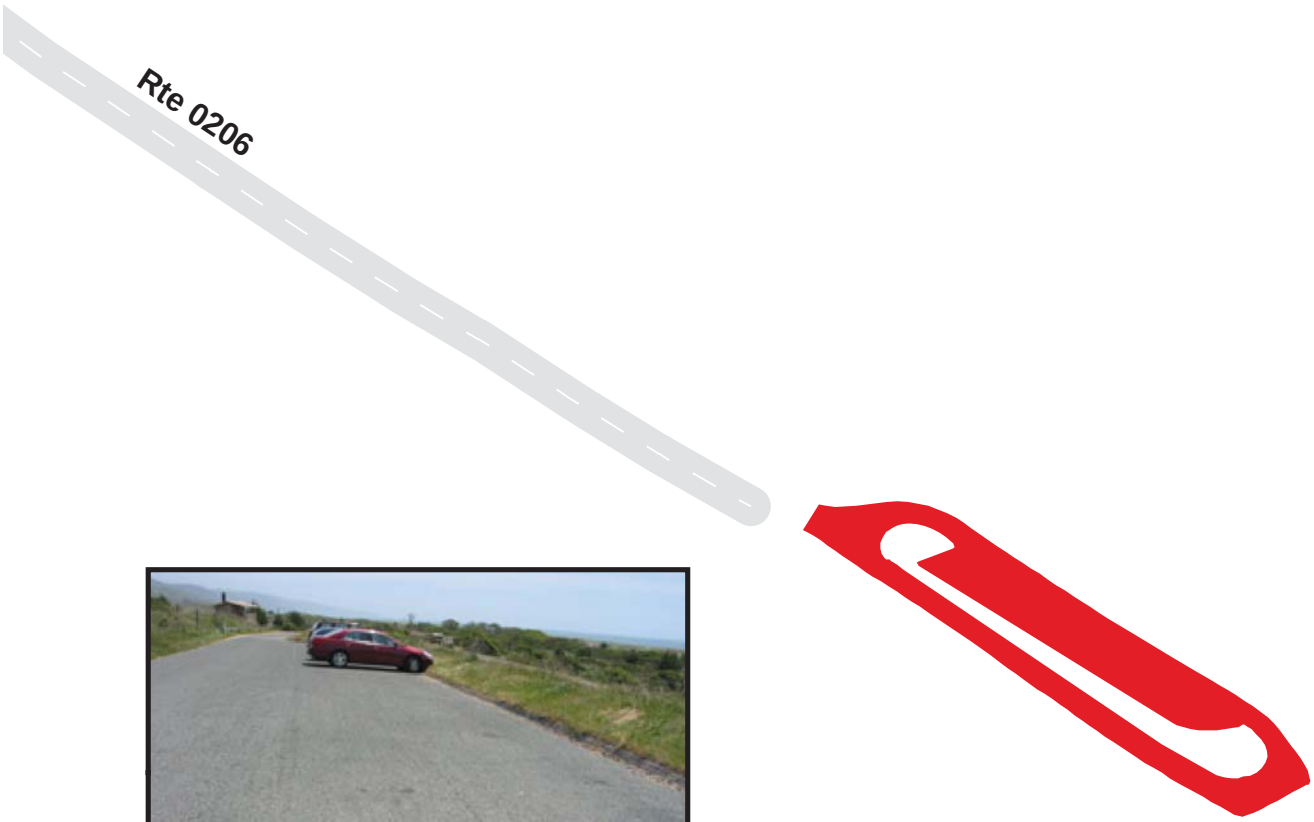


90 45 0 90 Feet

POINT REYES NATIONAL SEASHORE
Route 0904
LIMANTOUR BEACH TRAIL PARKING SOUTH
AT END OF ROUTE 0206

Route Number	Public / NonPublic	Date Visited	Area (sq ft)	Lane Miles *	Surface Type
0904	PUBLIC	5/12/2006	10129	0.17	AS
Culverts	**Drop Inlets**	**Gates**	**Curb & Gutter**	**Curb**	**PCR**
0	1	0	NO CURB AND GUTTER	ASPHALT CURB	GOOD/90

* Lane miles are based on 11' lane widths

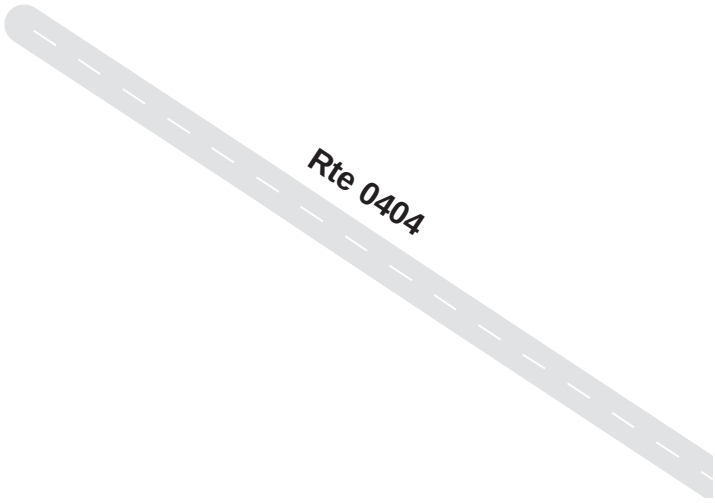


200 100 0 200
Feet

POINT REYES NATIONAL SEASHORE
Route 0905
LIMANTOUR RESIDENCE ROAD WEST PARKING
AT END OF ROUTE 0404

Route Number	Public / NonPublic	Date Visited	Area (sq ft)	Lane Miles *	Surface Type
0905	NONPUBLIC	5/12/2006	2824	0.05	AS
Culverts	**Drop Inlets**	**Gates**	**Curb & Gutter**	**Curb**	**PCR**
0	0	0	NO CURB AND GUTTER	NO CURB	GOOD/90

* Lane miles are based on 11' lane widths



POINT REYES NATIONAL SEASHORE
Route 0909
SOUTH BEACH PARKING
AT END OF ROUTE 0100

Route Number	Public / NonPublic	Date Visited	Area (sq ft)	Lane Miles *	Surface Type
0909	PUBLIC	5/11/2006	96010	1.65	AS
Culverts	**Drop Inlets**	**Gates**	**Curb & Gutter**	**Curb**	**PCR**
0	2	0	CONCRETE CURB AND GUTTER	CONCRETE CURB	FAIR/73

* Lane miles are based on 11' lane widths

320 160 0 320
Feet

POINT REYES NATIONAL SEASHORE
Route 0910
NORTH BEACH PARKING
AT END OF ROUTE 0102

Route Number	Public / NonPublic	Date Visited	Area (sq ft)	Lane Miles *	Surface Type
0910	PUBLIC	5/12/2006	35758	0.62	AS
Culverts	**Drop Inlets**	**Gates**	**Curb & Gutter**	**Curb**	**PCR**
0	1	0	CONCRETE CURB AND GUTTER	CONCRETE CURB	GOOD/90

* Lane miles are based on 11' lane widths

290 145 0 290
Feet

POINT REYES NATIONAL SEASHORE
Route 0911
DRAKES BEACH PARKING
AT END OF ROUTE 0101

Route Number	Public / NonPublic	Date Visited	Area (sq ft)	Lane Miles *	Surface Type
0911	PUBLIC	5/11/2006	202486	3.49	AS
Culverts	**Drop Inlets**	**Gates**	**Curb & Gutter**	**Curb**	**PCR**
0	11	0	CONCRETE CURB AND GUTTER	CONCRETE CURB	GOOD/90

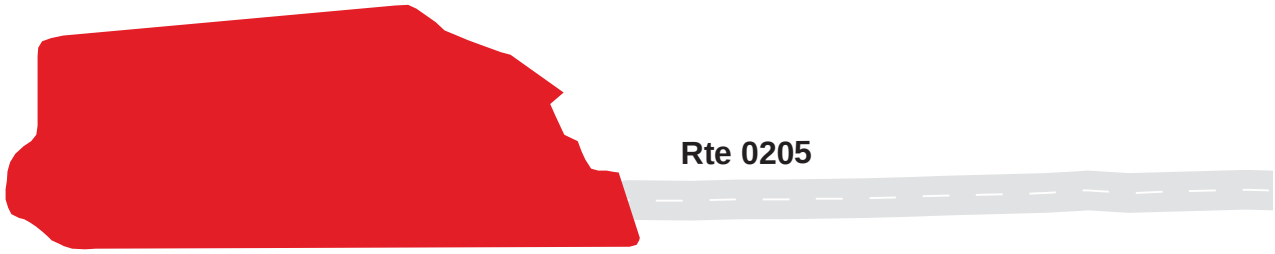
* Lane miles are based on 11' lane widths

500 250 0 500
Feet

POINT REYES NATIONAL SEASHORE
Route 0912
MCCLURE BEACH PARKING
AT END OF ROUTE 0205

Route Number	Public / NonPublic	Date Visited	Area (sq ft)	Lane Miles *	Surface Type
0912	PUBLIC	5/11/2006	15649	0.27	AS
Culverts	**Drop Inlets**	**Gates**	**Curb & Gutter**	**Curb**	**PCR**
0	0	0	NO CURB AND GUTTER	ASPHALT CURB	GOOD/90

* Lane miles are based on 11' lane widths

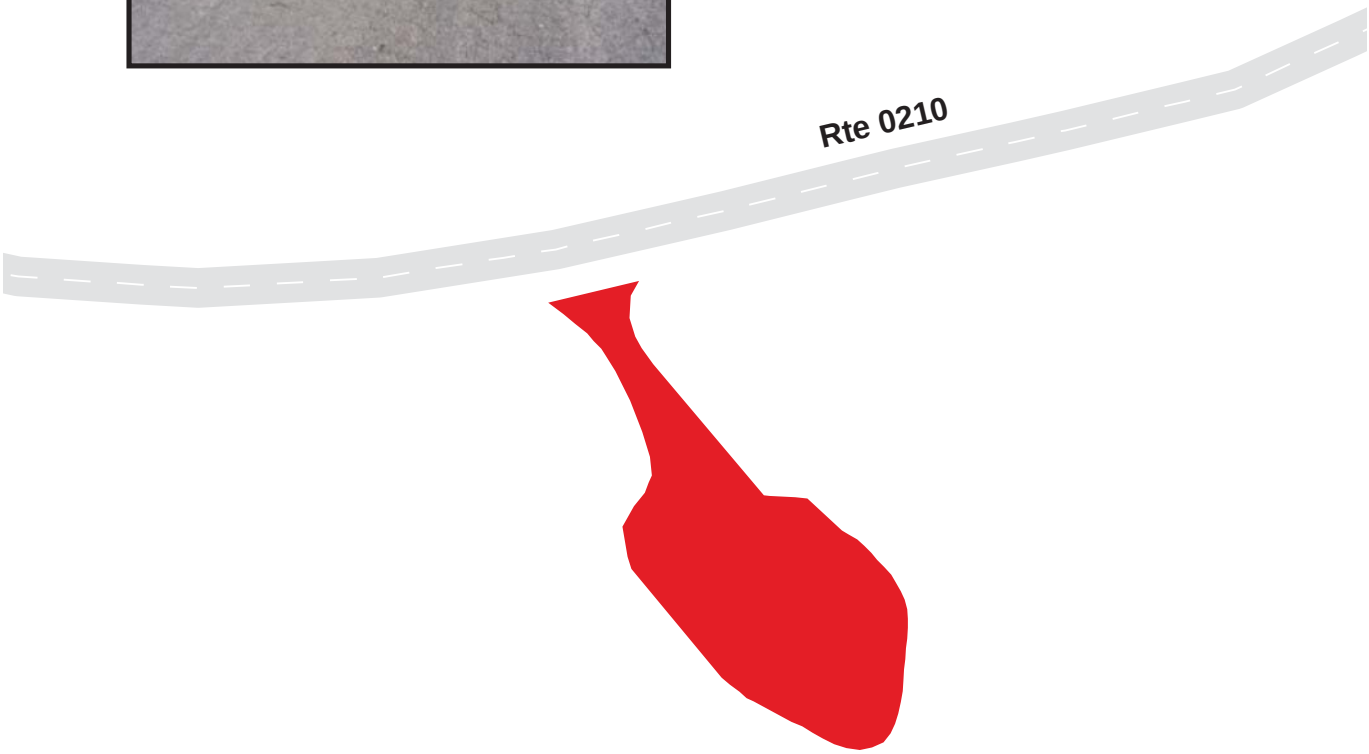


150 75 0 150
Feet

POINT REYES NATIONAL SEASHORE
Route 0915
LAGUNA TRAILHEAD PARKING
ADJACENT TO ROUTE 0210 AT MP 0.5 ON RIGHT

Route Number	Public / NonPublic	Date Visited	Area (sq ft)	Lane Miles *	Surface Type
0915	PUBLIC	5/12/2006	6891	0.12	AS
Culverts	**Drop Inlets**	**Gates**	**Curb & Gutter**	**Curb**	**PCR**
0	0	0	NO CURB AND GUTTER	NO CURB	POOR/45

* Lane miles are based on 11' lane widths

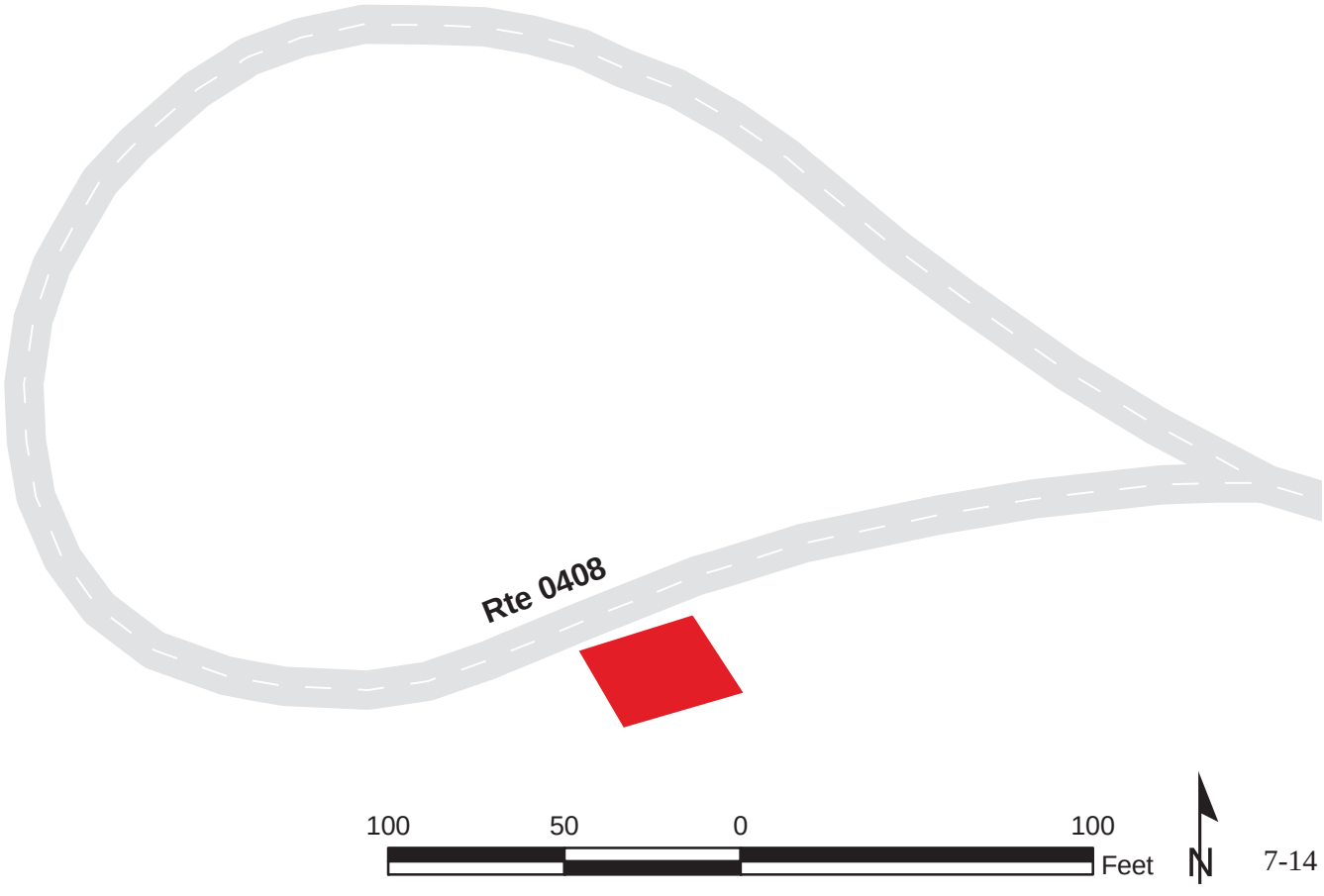


140 70 0 140 Feet

POINT REYES NATIONAL SEASHORE
Route 0925
MORGAN HORSE RANCH HANDICAP PARKING
ADJACENT TO ROUTE 0408 AT MP 0.1

Route Number	Public / NonPublic	Date Visited	Area (sq ft)	Lane Miles *	Surface Type
0925	PUBLIC	5/12/2006	674	0.01	AS
Culverts	**Drop Inlets**	**Gates**	**Curb & Gutter**	**Curb**	**PCR**
0	0	0	NO CURB AND GUTTER	WOOD	GOOD/90

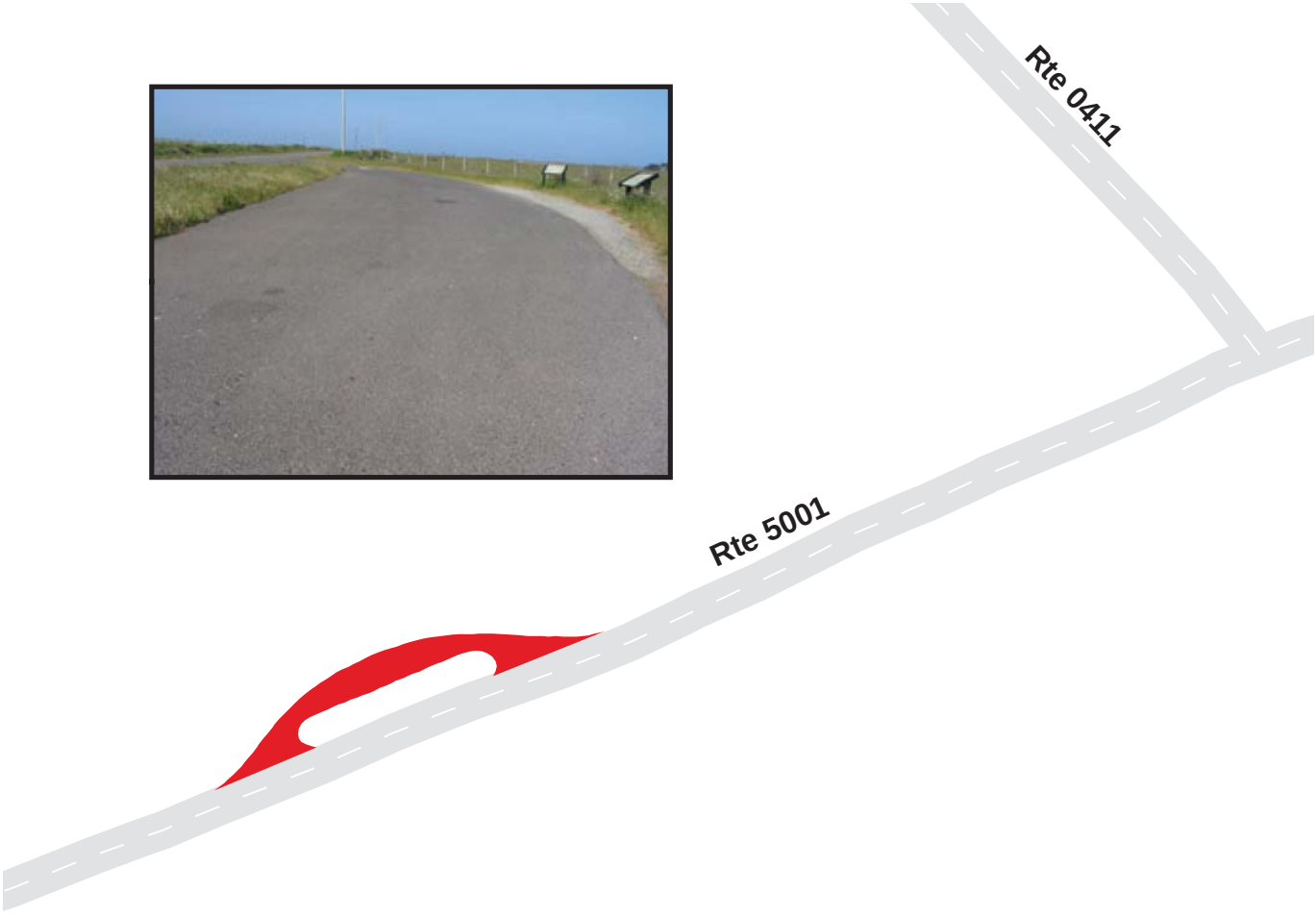
* Lane miles are based on 11' lane widths



POINT REYES NATIONAL SEASHORE
Route 0927
MCI EXHIBIT PARKING
ADJACENT TO ROUTE 5001, SIR FRANCIS DRAKE BOULEVARD WEST (COUNTY ROAD)

Route Number	Public / NonPublic	Date Visited	Area (sq ft)	Lane Miles *	Surface Type
0927	PUBLIC	5/12/2006	4634	0.08	AS
Culverts	**Drop Inlets**	**Gates**	**Curb & Gutter**	**Curb**	**PCR**
0	0	0	NO CURB AND GUTTER	NO CURB	GOOD/90

* Lane miles are based on 11' lane widths

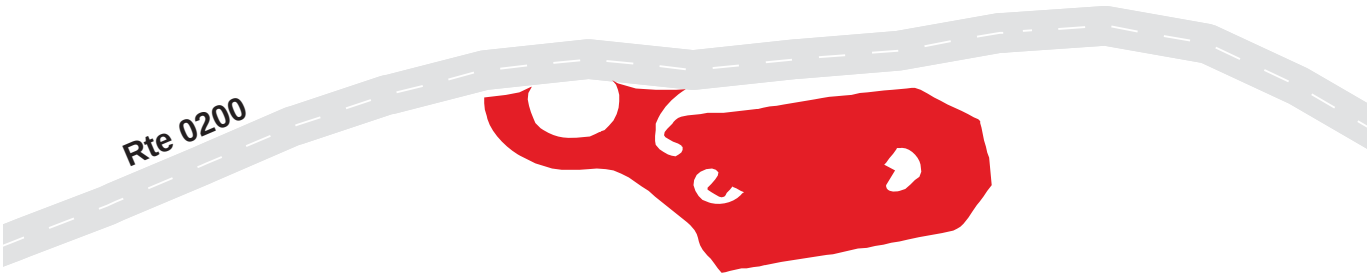


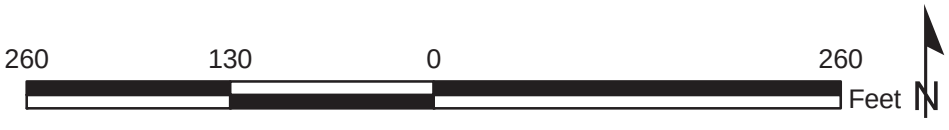
270 135 0 270
Feet

POINT REYES NATIONAL SEASHORE
Route 0930
LIGHTHOUSE VISITOR PARKING
ADJACENT TO ROUTE 0200 AT MP 1.1 ON LEFT

Route Number	Public / NonPublic	Date Visited	Area (sq ft)	Lane Miles *	Surface Type
0930	PUBLIC	5/11/2006	17118	0.29	AS
Culverts	**Drop Inlets**	**Gates**	**Curb & Gutter**	**Curb**	**PCR**
0	0	0	NO CURB AND GUTTER	ASPHALT CURB	GOOD/90

* Lane miles are based on 11' lane widths

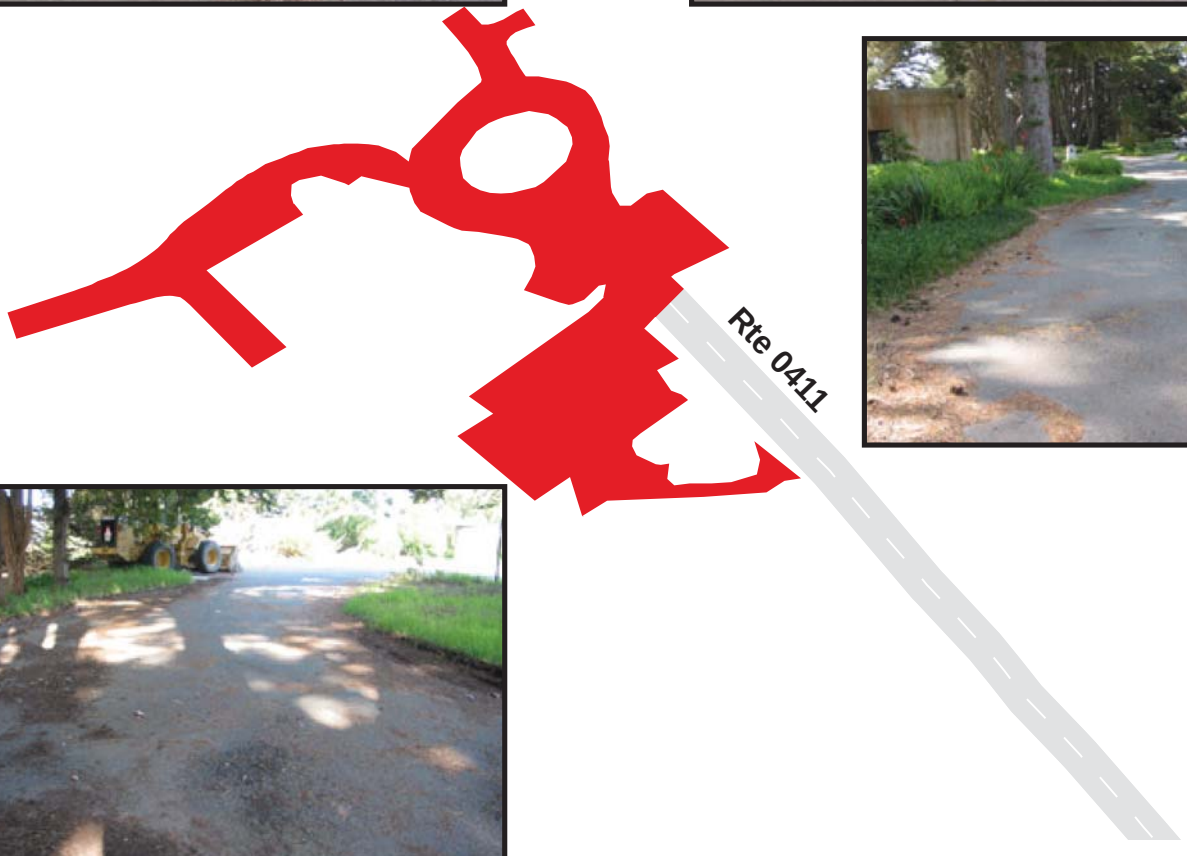




POINT REYES NATIONAL SEASHORE
Route 0931
NDOC OFFICE PARKING
AT END OF ROUTE 0411

Route Number	Public / NonPublic	Date Visited	Area (sq ft)	Lane Miles *	Surface Type
0931	NONPUBLIC	5/12/2006	21351	0.37	AS
Culverts	**Drop Inlets**	**Gates**	**Curb & Gutter**	**Curb**	**PCR**
0	5	0	NO CURB AND GUTTER	CONCRETE CURB	FAIR/73

* Lane miles are based on 11' lane widths



200 100 0 200
Feet

Point Reyes National Seashore

Section 8
Parkwide / Route Maintenance
Features Summaries

PORE: PARKWIDE MAINTENANCE FEATURES SUMMARY

Notice: Culverts and drop inlets were marked only on a limited number of roads in Cycle 4, therefore the culvert and drop inlet count below includes only those select roads, plus culverts and drop inlets in paved parking areas.

FEATURE	LINEAR FEET	COUNT
BARRIER	3,348	--
BOLLARD	0	--
BRIDGE	--	0
CABLE	0	--
CATTLE GUARD	--	9
CULVERT	--	14
CURB	31,025	--
DROP INLET	--	23
FIRE HYDRANT	--	11
GATE	--	15
GUARD/GUIDE RAIL	3,348	--
GUARD/GUIDE WALL	0	--
INTERSECTION	--	121
LOW WATER CROSSING	0	0
MILE MARKER	--	0
OVERPASS	--	0
OVERHEAD SIGN	--	0
PARK BOUNDARY	--	1
PAVED DITCH	0	--
PULLOUT	--	2
RAILROAD CROSSING	--	0
RETAINING WALL	--	1
SIGN	--	239
STATE BOUNDARY	--	0
TEMPORARY BARRIER	0	--
TRAFFIC LIGHT	--	0
TUNNEL	--	0
TURNOUT	0	--

PORE: ROUTE MAINTENANCE FEATURES SUMMARY

FEATURE	ROUTE 0010 LIMANTOUR ROAD	ROUTE 0100 SOUTH BEACH ROAD	ROUTE 0101 DRAKES BEACH ROAD	ROUTE 0102 NORTH BEACH ROAD	ROUTE 0200 LIGHTHOUSE ROAD	ROUTE 0201 CHIMNEY ROCK ROAD	UNIT
BARRIER	2,904	0	0	0	322	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	1	3	EACH
CULVERT	0	0	0	0	0	0	EACH
CURB	12,683	1,151	12,461	4,425	84	0	LINEAR FEET
DROP INLET	0	0	0	0	0	0	EACH
FIRE HYDRANT	0	0	0	0	2	0	EACH
GATE	1	0	0	0	1	1	EACH
GUARD/GUIDE RAIL	2,904	0	0	0	322	0	LINEAR FEET
GUARD/GUIDE WALL	0	0	0	0	0	0	LINEAR FEET
INTERSECTION	16	3	3	4	12	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	0	0	0	0	0	EACH
PAVED DITCH	0	0	0	0	0	0	LINEAR FEET
PULLOUT	0	2	0	0	0	0	EACH
RAILROAD CROSSING	0	0	0	0	0	0	EACH
RETAINING WALL	0	0	0	0	0	0	EACH
SIGN	63	5	11	6	29	13	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
TURNOUT	0	0	0	0	0	0	LINEAR FEET

Notice: Culverts and drop inlets were marked only on a limited number of roads in Cycle 4, therefore the culvert and drop inlet count above includes only those select roads, plus culverts and drop inlets in paved parking areas.

Data Collected 7/22/2006

PORE: ROUTE MAINTENANCE FEATURES SUMMARY

FEATURE	ROUTE 0202 SCHOONER BAY ROAD (OYSTER FARM ROAD)	ROUTE 0203A ESTERO TRAILHEAD ROAD	ROUTE 0203B HOME RANCH ROAD	ROUTE 0204 MOUNT VISION ROAD	ROUTE 0205 MCCLURE BEACH ACCESS ROAD	ROUTE 0206 LIMANTOUR BEACH TRAIL ACCESS ROAD	UNIT
BARRIER	0	0	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	1	4	0	0	0	0	EACH
CULVERT	0	0	0	0	0	0	EACH
CURB	0	0	0	0	0	0	LINEAR FEET
DROP INLET	0	0	0	0	0	0	EACH
FIRE HYDRANT	0	0	0	0	0	0	EACH
GATE	0	1	1	2	0	0	EACH
GUARD/GUIDE RAIL	0	0	0	0	0	0	LINEAR FEET
GUARD/GUIDE WALL	0	0	0	0	0	0	LINEAR FEET
INTERSECTION	3	7	1	9	2	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	0	0	0	0	0	0	EACH
PAVED DITCH	0	0	0	0	0	0	LINEAR FEET
PULLOUT	0	0	0	0	0	0	EACH
RAILROAD CROSSING	0	0	0	0	0	0	EACH
RETAINING WALL	0	0	0	0	0	0	EACH
SIGN	3	5	2	4	3	17	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
TURNOUT	0	0	0	0	0	0	LINEAR FEET

Notice: Culverts and drop inlets were marked only on a limited number of roads in Cycle 4, therefore the culvert and drop inlet count above includes only those select roads, plus culverts and drop inlets in paved parking areas.

Data Collected 7/22/2006

PORE: ROUTE MAINTENANCE FEATURES SUMMARY

FEATURE	ROUTE 0210 LAGUNA ROAD	ROUTE 0211 BEAR VALLEY TRAILHEAD ROAD	ROUTE 0401 LIFEBOAT STATION ROAD	ROUTE 0402 FISH DOCKS (MENDOZA) ROAD	ROUTE 0404 LIMANTOUR RESIDENCE ROAD WEST	ROUTE 0408 MORGAN HORSE RANCH ROAD	UNIT
BARRIER	0	121	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	0	0	0	0	222	LINEAR FEET
DROP INLET	0	0	0	0	0	0	EACH
FIRE HYDRANT	0	1	0	0	1	3	EACH
GATE	1	1	2	1	0	0	EACH
GUARD/GUIDE RAIL	0	121	0	0	0	0	LINEAR FEET
GUARD/GUIDE WALL	0	0	0	0	0	0	LINEAR FEET
INTERSECTION	5	12	4	2	3	8	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	0	0	0	0	0	EACH
PAVED DITCH	0	0	0	0	0	0	LINEAR FEET
PULLOUT	0	0	0	0	0	0	EACH
RAILROAD CROSSING	0	0	0	0	0	0	EACH
RETAINING WALL	0	0	0	0	0	0	EACH
SIGN	15	28	6	4	4	7	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
TURNOUT	0	0	0	0	0	0	LINEAR FEET

Notice: Culverts and drop inlets were marked only on a limited number of roads in Cycle 4, therefore the culvert and drop inlet count above includes only those select roads, plus culverts and drop inlets in paved parking areas.

Data Collected 7/22/2006

PORE: ROUTE MAINTENANCE FEATURES SUMMARY

FEATURE	ROUTE 0410 BEAR VALLEY MAINTENANCE ACCESS ROAD	ROUTE 0411 NORTH OPERATIONS CENTER ROAD	ROUTE 0416 CROSS MARIN TRAIL ROAD	ROUTE 0500 LIMANTOUR RESIDENCE ROAD EAST			UNIT
BARRIER	0	0	0	0			LINEAR FEET
BOLLARD	0	0	0	0			LINEAR FEET
BRIDGE	0	0	0	0			EACH
CABLE	0	0	0	0			LINEAR FEET
CATTLE GUARD	0	0	0	0			EACH
CULVERT	0	0	13	0			EACH
CURB	0	0	0	0			LINEAR FEET
DROP INLET	0	0	0	0			EACH
FIRE HYDRANT	1	0	0	1			EACH
GATE	1	1	0	0			EACH
GUARD/GUIDE RAIL	0	0	0	0			LINEAR FEET
GUARD/GUIDE WALL	0	0	0	0			LINEAR FEET
INTERSECTION	10	3	2	2			EACH
LOW WATER CROSSING	0	0	0	0			EACH
LOW WATER CROSSING	0	0	0	0			LINEAR FEET
MILE MARKER	0	0	0	0			EACH
OVERHEAD SIGN	0	0	0	0			EACH
OVERPASS	0	0	0	0			EACH
PARK BOUNDARY	0	0	1	0			EACH
PAVED DITCH	0	0	0	0			LINEAR FEET
PULLOUT	0	0	0	0			EACH
RAILROAD CROSSING	0	0	0	0			EACH
RETAINING WALL	0	0	1	0			EACH
SIGN	5	2	4	3			EACH
STATE BOUNDARY	0	0	0	0			EACH
TEMPORARY BARRIER	0	0	0	0			LINEAR FEET
TRAFFIC LIGHT	0	0	0	0			EACH
TUNNEL	0	0	0	0			EACH
TURNOUT	0	0	0	0			LINEAR FEET

Notice: Culverts and drop inlets were marked only on a limited number of roads in Cycle 4, therefore the culvert and drop inlet count above includes only those select roads, plus culverts and drop inlets in paved parking areas.

Data Collected 7/22/2006

PORE: STRUCTURE LIST

ROUTE NUMBER	FUNCTIONAL CLASS	MILEPOST START	MILEPOST END	FEATURE	STRUCTURE NUMBER

No data available for this section.

Point Reyes National Seashore

Section 9
Park Route Maintenance Features
Road Logs

PORE: ROUTE MAINTENANCE FEATURES ROAD LOG

ROUTE 0010: LIMANTOUR ROAD

Notice: Culverts and drop inlets were marked only on select roads and are reflected in the Road Logs. Culverts and drop inlets were inventoried in paved parking areas and can be found in the Parking Lot Condition Rating Sheets (Section 7), and in the Parkwide Maintenance Features Summary (Section 8).

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.000	0.000	ROUTE BEGIN	N/A	FROM ROUTE 5002, BEAR VALLEY ROAD
0.000	0.000	INTERSECTION	RIGHT	ROUTE 5002 (BEAR VALLEY ROAD)
0.000	0.000	SIGN	N/A	GUIDE, DRAKES BEACH LIGHTHOUSE 19 INFORMATION
0.000	0.000	INTERSECTION	LEFT	ROUTE 5002 (BEAR VALLEY ROAD)
0.011	0.011	SIGN	RIGHT	REGULATORY, STOP
0.041	0.041	SIGN	RIGHT	GUIDE, POINT REYES NATIONAL SEASHORE
0.087	0.087	SIGN	RIGHT	WARNING, GRAPHIC SIGN, NO TEXT
0.109	0.109	SIGN	RIGHT	GUIDE, PET RESTRICTIONS ON LIMANTOUR BEACH
0.151	0.151	SIGN	RIGHT	REGULATORY, SPEED LIMIT 35
0.279	0.279	SIGN	RIGHT	GUIDE, NO HUNTING CAMPING BY PERMIT ONLY
0.368	0.454	CURB	RIGHT	
0.672	0.672	SIGN	RIGHT	REGULATORY, NO TRAVEL TRAILERS
0.746	0.746	SIGN	RIGHT	REGULATORY, SPEED LIMIT 35
0.784	0.784	GATE	N/A	HORIZONTAL AND VERTICAL BARS
0.862	0.862	SIGN	RIGHT	WARNING, GRAPHIC SIGN, NO TEXT
0.878	0.878	INTERSECTION	LEFT	UNPAVED FIRE LANE
0.897	1.024	CURB	RIGHT	
0.995	0.998	CURB	LEFT	
0.999	1.081	CURB	LEFT	
1.066	1.066	SIGN	RIGHT	REGULATORY, NPS LIM 10
1.085	1.243	CURB	LEFT	
1.227	1.359	CURB	RIGHT	
1.343	1.436	CURB	LEFT	
1.435	1.508	CURB	RIGHT	
1.511	1.543	CURB	RIGHT	
1.512	1.707	CURB	LEFT	
1.628	1.704	GUARD/GUIDE RAIL	RIGHT	
1.731	1.828	CURB	RIGHT	
1.942	1.997	GUARD/GUIDE RAIL	RIGHT	
1.950	2.095	CURB	RIGHT	

PORE: ROUTE MAINTENANCE FEATURES ROAD LOG

ROUTE 0010: LIMANTOUR ROAD

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FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
1.963	2.004	GUARD/GUIDE RAIL	LEFT	
2.039	2.081	CURB	LEFT	
2.083	2.347	CURB	LEFT	
2.104	2.104	SIGN	RIGHT	REGULATORY, NPS LIM 20
2.355	2.693	CURB	RIGHT	
2.488	2.558	GUARD/GUIDE RAIL	RIGHT	
2.508	2.555	GUARD/GUIDE RAIL	LEFT	
2.620	2.620	SIGN	RIGHT	REGULATORY, SPEED LIMIT 35
2.752	2.810	CURB	LEFT	
2.773	2.882	CURB	RIGHT	
2.879	3.067	GUARD/GUIDE RAIL	RIGHT	
2.887	3.066	CURB	RIGHT	
2.920	2.995	CURB	LEFT	
3.003	3.033	GUARD/GUIDE RAIL	LEFT	
3.088	3.202	CURB	LEFT	
3.163	3.163	SIGN	RIGHT	REGULATORY, NPS LIM 30
3.164	3.164	SIGN	RIGHT	REGULATORY, NPS LIM 30
3.323	3.323	SIGN	RIGHT	REGULATORY, SPEED LIMIT 35
3.325	3.325	SIGN	RIGHT	REGULATORY, SPEED LIMIT 25
3.396	3.396	SIGN	RIGHT	GUIDE, SKY TRAILHEAD
3.440	3.440	INTERSECTION	LEFT	ROUTE 0907 (SKY TRAILHEAD PARKING)
3.611	3.611	SIGN	RIGHT	REGULATORY, SPEED LIMIT 25
3.666	3.666	SIGN	RIGHT	WARNING, GRAPHIC SIGN, NO TEXT
3.693	3.693	SIGN	RIGHT	WARNING, GRAPHIC SIGN, NO TEXT
3.751	3.751	INTERSECTION	RIGHT	UNPAVED FIRE LANE
4.202	4.202	SIGN	RIGHT	REGULATORY, NPS LIM 40
4.209	4.209	SIGN	RIGHT	REGULATORY, NPS LIM
4.227	4.227	SIGN	RIGHT	WARNING, GRAPHIC SIGN, NO TEXT
4.227	4.227	SIGN	RIGHT	WARNING, 15 MPH
4.452	4.452	SIGN	RIGHT	GUIDE, BAYVIEW TRAILHEAD

PORE: ROUTE MAINTENANCE FEATURES ROAD LOG

ROUTE 0010: LIMANTOUR ROAD

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FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
4.463	4.463	INTERSECTION	RIGHT	ROUTE 0906 (BAYVIEW TRAIL PARKING (ADAMS PIT))
4.496	4.496	SIGN	RIGHT	GUIDE, BAY VIEW TRAILHEAD
4.497	4.497	SIGN	RIGHT	GUIDE, BAY VIEW TRAILHEAD
4.552	4.552	SIGN	RIGHT	REGULATORY, SPEED LIMIT 25
4.661	4.661	SIGN	RIGHT	WARNING, ELK CROSSING NEXT 3 MILES
5.237	5.237	SIGN	RIGHT	REGULATORY, NPS LIM 50
5.239	5.239	SIGN	RIGHT	REGULATORY, NPS LIM 50
5.353	5.353	SIGN	RIGHT	REGULATORY, SPEED LIMIT 25
5.387	5.387	SIGN	RIGHT	GUIDE, ENVIRONMENTAL EDUCATION CENTER BUS PARKING
5.411	5.411	INTERSECTION	LEFT	ROUTE 0908 (LIMANTOUR BUS PARKING (ED CENTER))
5.459	5.459	SIGN	RIGHT	WARNING, GRAPHIC SIGN, NO TEXT
5.501	5.544	GUARD/GUIDE RAIL	RIGHT	
5.570	5.570	SIGN	RIGHT	WARNING, 17% GRADE
5.570	5.570	SIGN	RIGHT	WARNING, GRAPHIC SIGN, NO TEXT
5.611	5.611	SIGN	RIGHT	WARNING, 15 M.P.H.
5.611	5.611	SIGN	RIGHT	WARNING, GRAPHIC SIGN, NO TEXT
5.879	5.879	SIGN	RIGHT	GUIDE, YOUTH HOSTEL ENVIRONMENTAL EDUCATION CENTER
5.895	5.895	SIGN	RIGHT	WARNING, GRAPHIC SIGN, NO TEXT
5.914	5.914	SIGN	RIGHT	GUIDE, MUDDY HOLLOW LIMANTOUR BEACH
5.936	5.936	INTERSECTION	LEFT	ROUTE 0210 (LAGUNA ROAD)
5.936	5.936	INTERSECTION	RIGHT	ROUTE 0107 (MUDDY HOLLOW ROAD)
6.057	6.057	SIGN	RIGHT	WARNING, 15 MPH
6.057	6.057	SIGN	RIGHT	WARNING, GRAPHIC SIGN, NO TEXT
6.252	6.252	SIGN	RIGHT	REGULATORY, NPS LIM 60
6.253	6.253	SIGN	RIGHT	REGULATORY, NPS LIM 66
6.599	6.599	SIGN	RIGHT	REGULATORY, SPEED LIMIT 25
6.874	6.874	INTERSECTION	LEFT	UNPAVED ROAD
6.949	6.949	SIGN	RIGHT	WARNING, 15 M.P.H.
6.949	6.949	SIGN	RIGHT	WARNING, GRAPHIC SIGN, NO TEXT

PORE: ROUTE MAINTENANCE FEATURES ROAD LOG

ROUTE 0010: LIMANTOUR ROAD

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FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
7.183	7.183	SIGN	RIGHT	REGULATORY, SPEED LIMIT 25
7.196	7.196	SIGN	RIGHT	REGULATORY, SPEED LIMIT 25
7.290	7.290	SIGN	RIGHT	REGULATORY, NPS LIM 70
7.292	7.292	SIGN	RIGHT	REGULATORY, NPS LIM 70
7.335	7.335	INTERSECTION	LEFT	ROUTE 0500 (LIMANTOUR RESIDENCE ROAD EAST)
7.342	7.342	INTERSECTION	RIGHT	ROUTE 0404 (LIMANTOUR RESIDENCE ROAD WEST)
7.470	7.470	SIGN	RIGHT	GUIDE, CAMPING BY PERMIT ONLY
7.480	7.480	SIGN	RIGHT	REGULATORY, NO PARKING ANY TIME
7.494	7.494	INTERSECTION	LEFT	ROUTE 0206 (LIMANTOUR BEACH TRAIL ACCESS ROAD)
7.501	7.501	SIGN	LEFT	GUIDE, GRAPHIC SIGN, NO TEXT
7.501	7.501	SIGN	LEFT	WARNING, NOT A THROUGH STREET
7.501	7.501	SIGN	RIGHT	GUIDE, GRAPHIC SIGN, NO TEXT
7.501	7.501	SIGN	RIGHT	WARNING, NOT A THROUGH STREET
7.521	7.521	SIGN	RIGHT	REGULATORY, NO PARKING ANY TIME
7.535	7.535	SIGN	RIGHT	REGULATORY, NO PARKING ON ROADWAY
7.542	7.542	INTERSECTION	LEFT	PAVED FIRE ROAD
7.548	7.548	INTERSECTION	LEFT	ROUTE 0010 (LIMANTOUR ROAD)
7.554	7.554	SIGN	LEFT	REGULATORY, KEEP RIGHT
7.569	7.569	SIGN	RIGHT	GUIDE, HORSE TRAILERS 500 FT
7.570	7.570	INTERSECTION	N/A	ROUTE 0945 (LIMANTOUR BEACH MAIN PARKING)
7.570	7.570	ROUTE END	N/A	TO ROUTE 0945, LIMANTOUR BEACH MAIN PARKING

PORE: ROUTE MAINTENANCE FEATURES ROAD LOG

ROUTE 0100: SOUTH BEACH ROAD

Notice: Culverts and drop inlets were marked only on select roads and are reflected in the Road Logs. Culverts and drop inlets were inventoried in paved parking areas and can be found in the Parking Lot Condition Rating Sheets (Section 7), and in the Parkwide Maintenance Features Summary (Section 8).

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.000	0.000	ROUTE BEGIN	N/A	FROM ROUTE 5001, SIR FRANCIS DRAKE BOULEVARD WEST (COUNTY ROAD)
0.000	0.000	INTERSECTION	RIGHT	ROUTE 5001 (SIR FRANCIS DRAKE BOULEVARD WEST)
0.000	0.000	INTERSECTION	LEFT	ROUTE 5001 (SIR FRANCIS DRAKE BOULEVARD WEST)
0.007	0.007	SIGN	RIGHT	REGULATORY, STOP
0.031	0.031	SIGN	RIGHT	GUIDE, BAY AREA CITIES LIGHTHOUSE
0.037	0.037	SIGN	RIGHT	REGULATORY, SPEED LIMIT 35
0.199	0.199	SIGN	RIGHT	WARNING, GRAPHIC SIGN, NO TEXT
0.392	0.433	PULLOUT	RIGHT	
0.394	0.437	PULLOUT	LEFT	
0.401	0.434	CURB-AND-GUTTER	RIGHT	
0.408	0.438	CURB-AND-GUTTER	LEFT	
0.545	0.700	CURB	LEFT	
0.663	0.663	SIGN	RIGHT	GUIDE, WARNING DANGEROUS SURF ENTER AT YOUR OWN RISK
0.700	0.700	INTERSECTION	N/A	ROUTE 0909 (SOUTH BEACH PARKING)
0.700	0.700	ROUTE END	N/A	TO ROUTE 0909, SOUTH BEACH PARKING

PORE: ROUTE MAINTENANCE FEATURES ROAD LOG

ROUTE 0101: DRAKES BEACH ROAD

Notice: Culverts and drop inlets were marked only on select roads and are reflected in the Road Logs. Culverts and drop inlets were inventoried in paved parking areas and can be found in the Parking Lot Condition Rating Sheets (Section 7), and in the Parkwide Maintenance Features Summary (Section 8).

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.000	0.000	ROUTE BEGIN	N/A	FROM ROUTE 5001, SIR FRANCIS DRAKE BOULEVARD WEST (COUNTY ROAD)
0.000	0.000	INTERSECTION	LEFT	ROUTE 5001 (SIR FRANCIS DRAKE BOULEVARD WEST)
0.000	0.000	INTERSECTION	RIGHT	ROUTE 5001 (SIR FRANCIS DRAKE BOULEVARD WEST)
0.006	0.006	SIGN	RIGHT	REGULATORY, STOP
0.016	0.435	CURB	LEFT	
0.018	0.036	CURB	RIGHT	
0.044	0.124	CURB	RIGHT	
0.058	0.058	SIGN	RIGHT	WARNING, GRAPHIC SIGN, NO TEXT
0.062	0.062	SIGN	RIGHT	REGULATORY, SPEED LIMIT 45
0.143	0.143	SIGN	RIGHT	WARNING, ELK CROSSING AHEAD
0.181	0.305	CURB	RIGHT	
0.309	0.309	SIGN	RIGHT	GUIDE, GRAPHIC SIGN, NO TEXT
0.342	0.399	CURB	RIGHT	
0.441	0.591	CURB	LEFT	
0.474	0.955	CURB	RIGHT	
0.666	0.846	CURB	LEFT	
0.939	0.954	CURB	LEFT	
0.961	1.024	CURB	RIGHT	
0.963	1.092	CURB	LEFT	
1.056	1.056	SIGN	RIGHT	REGULATORY, SPEED LIMIT 25
1.057	1.057	SIGN	RIGHT	REGULATORY, SPEED LIMIT 45
1.072	1.210	CURB	RIGHT	
1.123	1.123	SIGN	LEFT	GUIDE, HISTORIC D RANCH ESTABLISHED 1870
1.123	1.123	SIGN	RIGHT	GUIDE, HISTORIC D RANCH ESTABLISHED 1870 POINT REYES SEASHORE
1.218	1.381	CURB	RIGHT	
1.252	1.346	CURB	LEFT	
1.356	1.500	CURB	LEFT	
1.393	1.498	CURB	RIGHT	
1.500	1.500	SIGN	RIGHT	GUIDE, NO PETS OR CAMPING

PORE: ROUTE MAINTENANCE FEATURES ROAD LOG

ROUTE 0101: DRAKES BEACH ROAD

Notice: Culverts and drop inlets were marked only on select roads and are reflected in the Road Logs. Culverts and drop inlets were inventoried in paved parking areas and can be found in the Parking Lot Condition Rating Sheets (Section 7), and in the Parkwide Maintenance Features Summary (Section 8).

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
1.500	1.500	SIGN	RIGHT	REGULATORY, SPEED LIMIT 25
1.500	1.500	INTERSECTION	N/A	ROUTE 0911 (DRAKES BEACH PARKING)
1.500	1.500	ROUTE END	N/A	TO ROUTE 0911, DRAKES BEACH PARKING

PORE: ROUTE MAINTENANCE FEATURES ROAD LOG

ROUTE 0102: NORTH BEACH ROAD

Notice: Culverts and drop inlets were marked only on select roads and are reflected in the Road Logs. Culverts and drop inlets were inventoried in paved parking areas and can be found in the Parking Lot Condition Rating Sheets (Section 7), and in the Parkwide Maintenance Features Summary (Section 8).

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.000	0.000	ROUTE BEGIN	N/A	FROM ROUTE 5001, SIR FRANCIS DRAKE BOULEVARD WEST (COUNTY ROAD)
0.000	0.000	INTERSECTION	LEFT	ROUTE 5001 (SIR FRANCIS DRAKE BOULEVARD WEST)
0.000	0.000	INTERSECTION	RIGHT	ROUTE 5001 (SIR FRANCIS DRAKE BOULEVARD WEST)
0.005	0.083	CURB	RIGHT	
0.007	0.395	CURB	LEFT	
0.011	0.011	SIGN	RIGHT	REGULATORY, STOP
0.039	0.039	SIGN	RIGHT	GUIDE, BAY AREA CITIES DRAKES BEACH
0.087	0.087	INTERSECTION	RIGHT	UNPAVED ROAD
0.193	0.193	SIGN	RIGHT	WARNING, GRAPHIC SIGN, NO TEXT
0.337	0.337	SIGN	RIGHT	GUIDE, WARNING DANGEROUS SURF ENTER AT YOUR OWN RISK
0.348	0.418	CURB	RIGHT	
0.420	0.600	CURB	RIGHT	
0.422	0.422	SIGN	RIGHT	REGULATORY, SPEED LIMIT 25
0.461	0.461	SIGN	RIGHT	REGULATORY, NO PARKING THIS SIDE OF ROAD
0.476	0.560	CURB	LEFT	
0.562	0.600	CURB	LEFT	
0.600	0.600	INTERSECTION	N/A	ROUTE 0910 (NORTH BEACH PARKING)
0.600	0.600	ROUTE END	N/A	TO ROUTE 0910, NORTH BEACH PARKING

PORE: ROUTE MAINTENANCE FEATURES ROAD LOG

ROUTE 0200: LIGHTHOUSE ROAD

Notice: Culverts and drop inlets were marked only on select roads and are reflected in the Road Logs. Culverts and drop inlets were inventoried in paved parking areas and can be found in the Parking Lot Condition Rating Sheets (Section 7), and in the Parkwide Maintenance Features Summary (Section 8).

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.000	0.000	ROUTE BEGIN	N/A	FROM END OF ROUTE 5001, SIR FRANCIS DRAKE BOULEVARD WEST (COUNTY ROAD)
0.000	0.000	INTERSECTION	RIGHT	ROUTE 0201 (CHIMNEY ROCK ROAD)
0.000	0.000	INTERSECTION	LEFT	ROUTE 0201 (CHIMNEY ROCK ROAD)
0.004	0.004	SIGN	RIGHT	GUIDE, BEACHES CHIMNEY ROCK NO BUSES
0.019	0.019	INTERSECTION	LEFT	ROUTE 0201 (CHIMNEY ROCK ROAD) SPUR & ROUTE 0200 (LIGHTHOUSE ROAD) SPUR
0.175	0.175	CATTLE GUARD	N/A	
0.179	0.179	INTERSECTION	RIGHT	UNPAVED ROUTE, AUTHORIZED VEHICLES ONLY
0.179	0.179	SIGN	RIGHT	REGULATORY, AUTHORIZED VEHICLES ONLY
0.299	0.299	SIGN	LEFT	GUIDE, HAZARDOUS CLIFFS NO CLIMBING OR HIKING ON CLIFFS
0.362	0.362	INTERSECTION	RIGHT	UNPAVED ROUTE, AUTHORIZED VEHICLES ONLY
0.365	0.365	SIGN	RIGHT	REGULATORY, AUTHORIZED VEHICLES ONLY
0.421	0.421	SIGN	RIGHT	GUIDE, HAZARDOUS CLIFFS NO CLIMBING OR HIKING ON CLIFFS
0.527	0.527	INTERSECTION	LEFT	UNPAVED ROAD
0.723	0.723	SIGN	RIGHT	WARNING, CAUTION SAND DRIFT
0.808	0.808	SIGN	RIGHT	WARNING, CAUTION SAND DRIFT
0.846	0.907	GUARD/GUIDE RAIL	LEFT	
0.846	0.846	SIGN	LEFT	REGULATORY, NO PARKING ANY TIME
0.875	0.875	SIGN	LEFT	REGULATORY, NO PARKING ANY TIME
0.889	0.889	SIGN	LEFT	REGULATORY, NO PARKING ANY TIME
0.901	0.901	SIGN	LEFT	REGULATORY, NO PARKING ANY TIME
0.919	0.919	SIGN	LEFT	REGULATORY, NO PARKING ON PAVEMENT
0.927	0.927	SIGN	RIGHT	REGULATORY, NO PARKING ANY TIME
0.977	0.977	SIGN	RIGHT	REGULATORY, NO PARKING THIS SIDE OF ROAD
0.978	0.978	SIGN	LEFT	REGULATORY, NO PARKING THIS SIDE OF ROAD
1.019	1.019	SIGN	LEFT	REGULATORY, NO PARKING THIS SIDE OF ROAD
1.019	1.019	SIGN	RIGHT	REGULATORY, NO PARKING THIS SIDE OF ROAD
1.038	1.054	CURB	RIGHT	
1.039	1.039	INTERSECTION	LEFT	ROUTE 0930 (LIGHTHOUSE VISITOR PARKING)

PORE: ROUTE MAINTENANCE FEATURES ROAD LOG

ROUTE 0200: LIGHTHOUSE ROAD

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FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
1.043	1.043	SIGN	LEFT	REGULATORY, KEEP RIGHT
1.048	1.048	SIGN	RIGHT	REGULATORY, NO PARKING BUS STOP
1.052	1.052	SIGN	RIGHT	REGULATORY, KEEP RIGHT
1.054	1.054	SIGN	RIGHT	REGULATORY, NO PARKING BUS STOP
1.054	1.054	SIGN	LEFT	REGULATORY, UNABLE TO READ FROM VIDEO
1.057	1.057	INTERSECTION	LEFT	ROUTE 0930 (LIGHTHOUSE VISITOR PARKING)
1.059	1.059	GATE	N/A	
1.059	1.059	SIGN	LEFT	GUIDE, POINT REYES LIGHTHOUSE VISITOR CENTER OPEN 10 TO 4:30 LIGHTHOUSE STAIRS OPEN 10 TO 4:30 CLOSED TUESD
1.059	1.059	SIGN	RIGHT	GUIDE, DRAKES BEACH CAFE OPEN FRI - MON 10 AM - 6 PM WEATHER PERMITTING
1.062	1.062	SIGN	RIGHT	GUIDE, AND AUTHORIZED VEHICLES ONLY
1.071	1.071	SIGN	RIGHT	GUIDE, 0.4 MILE
1.138	1.138	INTERSECTION	LEFT	UNPAVED ROAD
1.335	1.335	SIGN	RIGHT	REGULATORY, RESERVED PARKING
1.352	1.352	INTERSECTION	LEFT	HANDICAP PARKING
1.357	1.357	SIGN	RIGHT	REGULATORY, PRIVATE ROAD NO THRU TRAFFIC
1.449	1.449	INTERSECTION	RIGHT	ROUTE 0903 (LIGHTHOUSE RESIDENCE PARKING)
1.449	1.449	SIGN	RIGHT	GUIDE, PARK RESIDENCES DO NOT DISTURB
1.451	1.451	FIRE HYDRANT	RIGHT	
1.480	1.480	FIRE HYDRANT	RIGHT	
1.480	1.480	INTERSECTION	LEFT	LIGHTHOUSE APARTMENT GARAGES
1.480	1.480	ROUTE END	N/A	LIGHT HOUSE APARTMENT GARAGES

PORE: ROUTE MAINTENANCE FEATURES ROAD LOG

ROUTE 0201: CHIMNEY ROCK ROAD

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FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.000	0.000	ROUTE BEGIN	N/A	FROM END OF ROUTE 5001, SIR FRANCIS DRAKE BOULEVARD WEST (COUNTY ROAD)
0.000	0.000	INTERSECTION	RIGHT	ROUTE 0200 (LIGHTHOUSE ROAD)
0.000	0.000	INTERSECTION	N/A	ROUTE 5001 (SIR FRANCIS DRAKE BOULEVARD WEST)
0.007	0.007	SIGN	RIGHT	GUIDE, LIGHTHOUSE CHIMNEY ROCK NO BUSES
0.014	0.014	INTERSECTION	RIGHT	ROUTE 0200 (LIGHTHOUSE ROAD) SPUR AND ROUTE 0201 (CHIMNEY ROCK ROAD) SPUR
0.022	0.022	SIGN	RIGHT	GUIDE, RESTRICTION 24 FT TOTAL LENGTH
0.034	0.034	SIGN	RIGHT	REGULATORY, SPEED LIMIT 15
0.037	0.037	CATTLE GUARD	N/A	
0.091	0.091	CATTLE GUARD	N/A	
0.113	0.113	SIGN	RIGHT	WARNING, 15 M.P.H.
0.113	0.113	SIGN	RIGHT	WARNING, SLOW
0.210	0.210	SIGN	RIGHT	GUIDE, HAZARDOUS CLIFFS NO CLIMBING OR HIKING ON CLIFFS
0.314	0.314	INTERSECTION	RIGHT	UNPAVED ROAD
0.320	0.320	GATE	N/A	ROPE OR CABLE
0.321	0.321	SIGN	RIGHT	GUIDE, NO DOGS BEYOND THIS POINT
0.321	0.321	SIGN	RIGHT	GUIDE, NO BICYCLES BEYOND THIS POINT
0.750	0.750	SIGN	RIGHT	WARNING, SLOW
0.750	0.750	SIGN	RIGHT	WARNING, 15 MPH
0.808	0.808	CATTLE GUARD	N/A	
0.877	0.877	SIGN	RIGHT	GUIDE, CHIMNEY ROCK TRAILHEAD
0.891	0.891	INTERSECTION	RIGHT	ROUTE 0917 (CHIMNEY ROCK TRAILHEAD PARKING)
0.896	0.896	SIGN	RIGHT	REGULATORY, UNABLE TO READ FROM VIDEO
0.896	0.896	SIGN	RIGHT	WARNING, UNABLE TO READ FROM VIDEO
0.910	0.910	INTERSECTION	N/A	ROUTE 0401 (LIFEBOAT STATION ROAD)
0.910	0.910	INTERSECTION	RIGHT	ROUTE 0917 (CHIMNEY ROCK TRAILHEAD PARKING)
0.910	0.910	ROUTE END	N/A	TO ROUTE 0401, LIFE BOAT STATION ROAD AT ROUTE 0917, CHIMNEY ROCK TRAIL LEAD PARKING

PORE: ROUTE MAINTENANCE FEATURES ROAD LOG

ROUTE 0202: SCHOONER BAY ROAD (OYSTER FARM ROAD)

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FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.000	0.000	ROUTE BEGIN	N/A	FROM ROUTE 5001, SIR FRANCIS DRAKE BOULEVARD WEST (COUNTY ROAD)
0.000	0.000	INTERSECTION	LEFT	ROUTE 5001 (SIR FRANCIS DRAKE BOULEVARD WEST)
0.000	0.000	INTERSECTION	RIGHT	ROUTE 5001 (SIR FRANCIS DRAKE BOULEVARD WEST)
0.000	0.000	SIGN	RIGHT	REGULATORY, STOP
0.005	0.005	SIGN	RIGHT	GUIDE, DRAKES BAY OYSTER FARM
0.024	0.024	SIGN	RIGHT	WARNING, GRAPHIC SIGN, NO TEXT
0.059	0.059	CATTLE GUARD	N/A	
0.060	0.060	INTERSECTION	N/A	UNPAVED ROAD
0.060	0.060	ROUTE END	N/A	TO DRAKES BAY OYSTER PARKING

PORE: ROUTE MAINTENANCE FEATURES ROAD LOG

ROUTE 0203A: ESTERO TRAILHEAD ROAD

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FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.000	0.000	ROUTE BEGIN	N/A	FROM ROUTE 5001, SIR FRANCIS DRAKE BOULEVARD WEST (COUNTY ROAD)
0.000	0.000	INTERSECTION	LEFT	ROUTE 5001 (SIR FRANCIS DRAKE BOULEVARD WEST)
0.000	0.000	INTERSECTION	RIGHT	ROUTE 5001 (SIR FRANCIS DRAKE BOULEVARD WEST)
0.008	0.008	SIGN	RIGHT	REGULATORY, STOP
0.012	0.012	GATE	N/A	HORIZONTAL AND VERTICAL BARS
0.015	0.015	CATTLE GUARD	N/A	
0.049	0.049	SIGN	RIGHT	REGULATORY, SPEED LIMIT 15
0.250	0.250	SIGN	RIGHT	GUIDE, DOGS & CAMPING PROHIBITED
0.322	0.322	INTERSECTION	RIGHT	UNPAVED ROAD
0.514	0.514	CATTLE GUARD	N/A	
0.920	0.920	INTERSECTION	RIGHT	UNPAVED ROAD
0.924	0.924	CATTLE GUARD	N/A	
0.934	0.934	INTERSECTION	RIGHT	ROUTE 0918 (ESTERO TRAILHEAD PARKING)
0.935	0.935	SIGN	RIGHT	GUIDE, ESTERO TRAILHEAD
0.961	0.961	INTERSECTION	RIGHT	ROUTE 0918 (ESTERO TRAILHEAD PARKING)
0.967	0.967	SIGN	RIGHT	REGULATORY, AUTHORIZED VEHICLES ONLY
0.970	0.970	CATTLE GUARD	N/A	
0.970	0.970	INTERSECTION	N/A	ROUTE 0203B (HOME RANCH ROAD)
0.970	0.970	ROUTE END	N/A	TO ROUTE 0203B AT CATTLE GUARD JUST PAST ROUTE 0918

PORE: ROUTE MAINTENANCE FEATURES ROAD LOG

ROUTE 0203B: HOME RANCH ROAD

Notice: Culverts and drop inlets were marked only on select roads and are reflected in the Road Logs. Culverts and drop inlets were inventoried in paved parking areas and can be found in the Parking Lot Condition Rating Sheets (Section 7), and in the Parkwide Maintenance Features Summary (Section 8).

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.000	0.000	ROUTE BEGIN	N/A	FROM CATTLEGUARD AT END OF ROUTE 0203A
0.000	0.000	INTERSECTION	N/A	ROUTE 0203A (ESTERO TRAILHEAD ROAD)
0.303	0.303	SIGN	RIGHT	REGULATORY, PRIVATE DRIVE ESTERO TRAIL BEGINS AT PARKING LOT 1/4 MILE BACK
0.303	0.303	GATE	N/A	HORIZONTAL AND VERTICAL BARS
0.303	0.303	SIGN	LEFT	REGULATORY, AUTHORIZED VEHICLES ONLY
0.680	0.680	ROUTE END	N/A	TO END OF PAVEMENT AT HOME RANCH

PORE: ROUTE MAINTENANCE FEATURES ROAD LOG

ROUTE 0204: MOUNT VISION ROAD

Notice: Culverts and drop inlets were marked only on select roads and are reflected in the Road Logs. Culverts and drop inlets were inventoried in paved parking areas and can be found in the Parking Lot Condition Rating Sheets (Section 7), and in the Parkwide Maintenance Features Summary (Section 8).

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.000	0.000	ROUTE BEGIN	N/A	FROM ROUTE 5001, SIR FRANCIS DRAKE BOULEVARD WEST (COUNTY ROAD)
0.000	0.000	INTERSECTION	LEFT	ROUTE 5001 (SIR FRANCIS DRAKE BOULEVARD WEST)
0.000	0.000	INTERSECTION	RIGHT	ROUTE 5001 (SIR FRANCIS DRAKE BOULEVARD WEST)
0.001	0.001	SIGN	RIGHT	REGULATORY, STOP
0.014	0.014	GATE	N/A	HORIZONTAL AND ANGLED BARS
0.068	0.068	SIGN	RIGHT	REGULATORY, SPEED LIMIT 15
0.117	0.117	SIGN	RIGHT	GUIDE, PETS & CAMPING PROHIBITED
1.776	1.776	SIGN	RIGHT	GUIDE, AUTHORIZED VEHICLES ONLY
1.786	1.786	INTERSECTION	LEFT	UNPAVED ROAD
1.886	1.886	INTERSECTION	LEFT	UNPAVED ROAD, AUTHORIZED VEHICLES ONLY
2.105	2.105	INTERSECTION	LEFT	UNPAVED FIRE ROAD
2.354	2.354	INTERSECTION	RIGHT	UNPAVED PARKING
3.230	3.230	INTERSECTION	LEFT	UNPAVED FIRE ROAD
3.859	3.859	INTERSECTION	LEFT	ROUTE 0919 (MOUNT VISION TRAILHEAD UPPER PARKING)
3.860	3.860	GATE	N/A	ROPE CONNECTING 2 WOODEN POSTS
3.860	3.860	INTERSECTION	N/A	ROUTE 0919 (MOUNT VISION TRAILHEAD UPPER PARKING)
3.860	3.860	ROUTE END	N/A	TO ROUTE 0919, MOUNT VISION TRAIL HEAD UPPER PARKING

PORE: ROUTE MAINTENANCE FEATURES ROAD LOG

ROUTE 0205: MCCLURE BEACH ACCESS ROAD

Notice: Culverts and drop inlets were marked only on select roads and are reflected in the Road Logs. Culverts and drop inlets were inventoried in paved parking areas and can be found in the Parking Lot Condition Rating Sheets (Section 7), and in the Parkwide Maintenance Features Summary (Section 8).

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.000	0.000	ROUTE BEGIN	N/A	FROM END OF ROUTE 5003, PIERCE POINT ROAD AT ROUTE 0921, PIERCE POINT UPPER PARKING
0.000	0.000	INTERSECTION	N/A	ROUTE 5003 (PIERCE POINT ROAD)
0.022	0.022	SIGN	RIGHT	WARNING, 15
0.069	0.069	SIGN	RIGHT	REGULATORY, SPEED LIMIT 10
0.091	0.091	SIGN	RIGHT	GUIDE, NO PETS OR CAMPING
0.200	0.200	INTERSECTION	N/A	ROUTE 0912 (MCCLURE BEACH PARKING)
0.200	0.200	ROUTE END	N/A	TO ROUTE 0912, MCCLURE BEACH PARKING

PORE: ROUTE MAINTENANCE FEATURES ROAD LOG

ROUTE 0206: LIMANTOUR BEACH TRAIL ACCESS ROAD

Notice: Culverts and drop inlets were marked only on select roads and are reflected in the Road Logs. Culverts and drop inlets were inventoried in paved parking areas and can be found in the Parking Lot Condition Rating Sheets (Section 7), and in the Parkwide Maintenance Features Summary (Section 8).

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.000	0.000	ROUTE BEGIN	N/A	FROM ROUTE 0010 AT MP 7.49 ON LEFT
0.000	0.000	INTERSECTION	LEFT	ROUTE 0010 (LIMANTOUR ROAD)
0.000	0.000	INTERSECTION	RIGHT	ROUTE 0010 (LIMANTOUR ROAD)
0.004	0.004	SIGN	RIGHT	GUIDE, GRAPHIC SIGN, NO TEXT
0.004	0.004	SIGN	RIGHT	WARNING, NOT A THROUGH STREET
0.012	0.012	SIGN	RIGHT	REGULATORY, STOP
0.025	0.025	SIGN	RIGHT	REGULATORY, NO PARKING ANY TIME
0.087	0.087	SIGN	LEFT	REGULATORY, NO PARKING ANY TIME
0.087	0.087	SIGN	RIGHT	REGULATORY, NO PARKING ANY TIME
0.141	0.141	SIGN	LEFT	REGULATORY, NO PARKING ANY TIME
0.141	0.141	SIGN	RIGHT	REGULATORY, NO PARKING ANY TIME
0.201	0.201	SIGN	LEFT	REGULATORY, NO PARKING ANY TIME
0.201	0.201	SIGN	RIGHT	REGULATORY, NO PARKING ANY TIME
0.257	0.257	SIGN	LEFT	REGULATORY, NO PARKING ANY TIME
0.258	0.258	SIGN	RIGHT	REGULATORY, NO PARKING ANY TIME
0.312	0.312	SIGN	LEFT	REGULATORY, NO PARKING ANY TIME
0.312	0.312	SIGN	RIGHT	REGULATORY, NO PARKING ANY TIME
0.366	0.366	SIGN	LEFT	REGULATORY, NO PARKING ANY TIME
0.366	0.366	SIGN	RIGHT	REGULATORY, NO PARKING ANY TIME
0.370	0.370	INTERSECTION	N/A	ROUTE 0904 (LIMANTOUR BEACH TRAIL PARKING SOUTH)
0.370	0.370	SIGN	LEFT	REGULATORY, KEEP RIGHT
0.370	0.370	ROUTE END	N/A	TO ROUTE 0904, LIMANTOUR BEACH TRAIL PARKING SOUTH

PORE: ROUTE MAINTENANCE FEATURES ROAD LOG

ROUTE 0210: LAGUNA ROAD

Notice: Culverts and drop inlets were marked only on select roads and are reflected in the Road Logs. Culverts and drop inlets were inventoried in paved parking areas and can be found in the Parking Lot Condition Rating Sheets (Section 7), and in the Parkwide Maintenance Features Summary (Section 8).

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.000	0.000	ROUTE BEGIN	N/A	FROM ROUTE 0010 AT MP 5.94
0.000	0.000	INTERSECTION	LEFT	ROUTE 0010 (LIMANTOUR ROAD)
0.000	0.000	INTERSECTION	RIGHT	ROUTE 0010 (LIMANTOUR ROAD)
0.007	0.007	SIGN	RIGHT	REGULATORY, STOP
0.011	0.011	SIGN	RIGHT	GUIDE, POINT REYES-CLEM MILLER ENVIRONMENTAL EDUCATION CENTER
0.011	0.011	SIGN	RIGHT	GUIDE, POINT REYES HOSTEL OVERNIGHT ACCOMMODATIONS OPEN TO PUBLIC 4:30 PM
0.027	0.027	SIGN	RIGHT	REGULATORY, SPEED LIMIT 15
0.081	0.081	SIGN	RIGHT	WARNING, SOFT SHOULDER
0.229	0.229	INTERSECTION	RIGHT	UNPAVED FIRE ROAD
0.382	0.382	SIGN	LEFT	REGULATORY, NO PARKING ANY TIME
0.384	0.384	SIGN	RIGHT	REGULATORY, NO PARKING ANY TIME
0.501	0.501	SIGN	RIGHT	REGULATORY, SPEED LIMIT 15
0.504	0.504	SIGN	RIGHT	GUIDE, P
0.511	0.511	SIGN	RIGHT	GUIDE, UNABLE TO READ FROM VIDEO
0.513	0.513	INTERSECTION	RIGHT	ROUTE 0915 (LAGUNA TRAILHEAD PARKING)
0.515	0.515	SIGN	RIGHT	GUIDE, UNABLE TO READ FROM VIDEO
0.515	0.515	SIGN	RIGHT	GUIDE, UNABLE TO READ FROM VIDEO
0.540	0.540	SIGN	RIGHT	REGULATORY, AUTHORIZED VEHICLES ONLY
0.549	0.549	GATE	N/A	
0.552	0.552	SIGN	LEFT	GUIDE, POINT REYES ENVIRONMENTAL EDUCATION CENTER
0.565	0.565	SIGN	RIGHT	REGULATORY, SPEED LIMIT 5 WHEN CHILDREN ARE PRESENT
0.650	0.650	INTERSECTION	RIGHT	ROUTE 0942 (ENVIRONMENTAL ED CENTER PARKING)
0.650	0.650	ROUTE END	N/A	TO ROUTE 0942, ENVIRONMENTAL ED CENTER PARKING

PORE: ROUTE MAINTENANCE FEATURES ROAD LOG

ROUTE 0211: BEAR VALLEY TRAILHEAD ROAD

Notice: Culverts and drop inlets were marked only on select roads and are reflected in the Road Logs. Culverts and drop inlets were inventoried in paved parking areas and can be found in the Parking Lot Condition Rating Sheets (Section 7), and in the Parkwide Maintenance Features Summary (Section 8).

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.000	0.000	ROUTE BEGIN	N/A	FROM ROUTE 5002, BEAR VALLEY ROAD (COUNTY ROAD)
0.000	0.000	INTERSECTION	LEFT	ROUTE 5002 (BEAR VALLEY ROAD)
0.000	0.000	INTERSECTION	RIGHT	ROUTE 5002 (BEAR VALLEY ROAD)
0.000	0.000	SIGN	N/A	GUIDE, HWY 1 BEACHES LIGHTHOUSE CLOSED TUES & WED
0.006	0.006	SIGN	RIGHT	REGULATORY, STOP
0.011	0.011	FIRE HYDRANT	RIGHT	
0.024	0.024	INTERSECTION	LEFT	ROUTE 0403 (RED BARN CLASSROOM ROAD)
0.027	0.027	INTERSECTION	RIGHT	ROUTE 0410 (BEAR VALLEY MAINTENANCE ACCESS ROAD)
0.033	0.033	SIGN	RIGHT	GUIDE, VISITOR CENTER INFORMATION
0.033	0.033	SIGN	RIGHT	GUIDE, U.S. FEE AREA
0.047	0.047	SIGN	RIGHT	REGULATORY, SPEED LIMIT 15
0.054	0.054	SIGN	RIGHT	GUIDE, BEAR VALLEY CREEK
0.054	0.066	GUARD/GUIDE RAIL	RIGHT	
0.063	0.063	SIGN	LEFT	GUIDE, FIRE DANGER MODERATE
0.065	0.076	GUARD/GUIDE RAIL	LEFT	
0.103	0.103	SIGN	RIGHT	GUIDE, CORDELL BANK OFFICE RED BARN CLASSROOM
0.125	0.125	INTERSECTION	LEFT	UNPAVED ROAD
0.151	0.151	SIGN	RIGHT	REGULATORY, SPEED LIMIT 15
0.169	0.169	SIGN	RIGHT	GUIDE, VISITOR CENTER TRAILHEAD MORGAN HORSE RANCH
0.187	0.187	INTERSECTION	RIGHT	ROUTE 0901 (BEAR VALLEY VISITOR CENTER PARKING)
0.191	0.191	INTERSECTION	RIGHT	ROUTE 0901 (BEAR VALLEY VISITOR CENTER PARKING)
0.208	0.208	SIGN	LEFT	REGULATORY, NO PARKING ANY TIME
0.209	0.209	SIGN	RIGHT	REGULATORY, NO PARKING ANY TIME
0.235	0.235	SIGN	LEFT	REGULATORY, NO PARKING ANY TIME
0.235	0.235	SIGN	RIGHT	REGULATORY, NO PARKING ANY TIME
0.254	0.254	SIGN	RIGHT	REGULATORY, SPEED LIMIT 10
0.257	0.257	SIGN	RIGHT	GUIDE, AUTOS ONLY
0.272	0.272	INTERSECTION	LEFT	ROUTE 0914 (BEAR VALLEY TRAILHEAD PARKING)
0.272	0.272	INTERSECTION	RIGHT	ROUTE 0941 (BEAR VALLEY HORSE/BUS PARKING)

PORE: ROUTE MAINTENANCE FEATURES ROAD LOG

ROUTE 0211: BEAR VALLEY TRAILHEAD ROAD

Notice: Culverts and drop inlets were marked only on select roads and are reflected in the Road Logs. Culverts and drop inlets were inventoried in paved parking areas and can be found in the Parking Lot Condition Rating Sheets (Section 7), and in the Parkwide Maintenance Features Summary (Section 8).

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.276	0.276	SIGN	RIGHT	GUIDE, HORSE TRAILERS REC VEHICLES BUSES ONLY NO AUTOS
0.276	0.276	SIGN	LEFT	GUIDE, EARTHQUAKE TRAIL
0.282	0.282	SIGN	LEFT	REGULATORY, NO PARKING ANY TIME
0.283	0.283	SIGN	RIGHT	REGULATORY, NO PARKING ANY TIME
0.302	0.302	SIGN	LEFT	REGULATORY, NO PARKING ANY TIME
0.303	0.303	SIGN	RIGHT	REGULATORY, NO PARKING ANY TIME
0.322	0.322	INTERSECTION	RIGHT	ROUTE 0408 (MORGAN HORSE RANCH ROAD)
0.322	0.322	SIGN	LEFT	REGULATORY, NO PARKING ANY TIME
0.322	0.322	SIGN	RIGHT	REGULATORY, NO PARKING ANY TIME
0.324	0.324	SIGN	LEFT	GUIDE, AUTOS ONLY
0.324	0.324	SIGN	RIGHT	GUIDE, AUTOS ONLY
0.327	0.327	INTERSECTION	LEFT	ROUTE 0914 (BEAR VALLEY TRAILHEAD PARKING)
0.330	0.330	GATE	N/A	
0.330	0.330	INTERSECTION	N/A	ROUTE 0108 (BEAR VALLEY TRAIL ROAD)
0.330	0.330	SIGN	N/A	REGULATORY, NO PARKING FIRE LANE
0.330	0.330	SIGN	N/A	GUIDE, UNABLE TO READ FROM VIDEO
0.330	0.330	ROUTE END	N/A	TO ROUTE 0108, BEAR VALLEY TRAIL ROAD AT ROUTE 0914, BEAR VALLEY TRAILHEAD PARKING

PORE: ROUTE MAINTENANCE FEATURES ROAD LOG

ROUTE 0401: LIFEBOAT STATION ROAD

Notice: Culverts and drop inlets were marked only on select roads and are reflected in the Road Logs. Culverts and drop inlets were inventoried in paved parking areas and can be found in the Parking Lot Condition Rating Sheets (Section 7), and in the Parkwide Maintenance Features Summary (Section 8).

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.000	0.000	ROUTE BEGIN	N/A	FROM END OF ROUTE 0201, CHIMNEY ROCK ROAD (BEAR RIGHT)
0.000	0.000	INTERSECTION	N/A	ROUTE 0201 (CHIMNEY ROCK ROAD)
0.003	0.003	SIGN	RIGHT	REGULATORY, AUTHORIZED VEHICLES ONLY
0.027	0.027	SIGN	RIGHT	GUIDE, ELEPHANT SEAL OVERLOOK
0.031	0.031	INTERSECTION	LEFT	ROUTE 0402 (FISH DOCKS (MENDOZA ROAD))
0.076	0.076	SIGN	RIGHT	GUIDE, UNABLE TO READ FROM VIDEO
0.079	0.079	SIGN	RIGHT	REGULATORY, AREA CLOSED TO PEDESTRIAN TRAFFIC BEYOND THIS POINT
0.087	0.087	SIGN	LEFT	GUIDE, GRAPHIC SIGN, NO TEXT
0.087	0.087	SIGN	RIGHT	GUIDE, PARK RESIDENCE PLEASE RESPECT PRIVACY OF OCCUPANTS
0.087	0.087	GATE	N/A	HORIZONTAL AND VERTICAL BARS
0.144	0.144	INTERSECTION	RIGHT	UNPAVED ROAD, TO WATER TANK
0.163	0.163	GATE	N/A	
0.347	0.347	INTERSECTION	N/A	ROUTE 0944 (LIFE BOAT STATION PARKING)
0.350	0.350	ROUTE END	N/A	TO ROUTE 0944, END OF PAVEMENT AT LIFEBOAT STATION PARKING

PORE: ROUTE MAINTENANCE FEATURES ROAD LOG

ROUTE 0402: FISH DOCKS (MENDOZA) ROAD

Notice: Culverts and drop inlets were marked only on select roads and are reflected in the Road Logs. Culverts and drop inlets were inventoried in paved parking areas and can be found in the Parking Lot Condition Rating Sheets (Section 7), and in the Parkwide Maintenance Features Summary (Section 8).

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.000	0.000	ROUTE BEGIN	N/A	FROM ROUTE 0401, LIFE BOAT STATION ROAD, AT MP 0.00
0.000	0.000	INTERSECTION	RIGHT	ROUTE 0401 (LIFEBOAT STATION ROAD)
0.010	0.010	INTERSECTION	LEFT	ROUTE 0401 (LIFEBOAT STATION ROAD)
0.018	0.018	SIGN	RIGHT	GUIDE, DOCKS CLOSED TO PUBLIC USE LOCKED GATE AHEAD
0.054	0.054	SIGN	LEFT	WARNING, WARNING HELP PROTECT OUR WILDLIFE DON'T FEED, TOUCH, OR DISTURB MARINE WILDLIFE IT'S HARMFUL AND ILL
0.085	0.085	GATE	N/A	HORIZONTAL AND VERTICAL BARS
0.085	0.085	SIGN	N/A	REGULATORY, GRAPHIC SIGN, NO TEXT
0.085	0.085	SIGN	N/A	REGULATORY, GRAPHIC SIGN, NO TEXT
0.130	0.130	ROUTE END	N/A	TO END OF PAVEMENT AT DOCKS

PORE: ROUTE MAINTENANCE FEATURES ROAD LOG

ROUTE 0404: LIMANTOUR RESIDENCE ROAD WEST

Notice: Culverts and drop inlets were marked only on select roads and are reflected in the Road Logs. Culverts and drop inlets were inventoried in paved parking areas and can be found in the Parking Lot Condition Rating Sheets (Section 7), and in the Parkwide Maintenance Features Summary (Section 8).

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.000	0.000	ROUTE BEGIN	N/A	FROM ROUTE 0010, LIMANTOUR ROAD, AT MP 7.34 ON RIGHT
0.000	0.000	INTERSECTION	RIGHT	ROUTE 0010 (LIMANTOUR ROAD)
0.000	0.000	INTERSECTION	LEFT	ROUTE 0010 (LIMANTOUR ROAD)
0.011	0.011	SIGN	RIGHT	REGULATORY, STOP
0.018	0.018	SIGN	LEFT	GUIDE, 165
0.018	0.018	SIGN	RIGHT	GUIDE, PARK RESIDENCE
0.020	0.020	SIGN	RIGHT	REGULATORY, AUTHORIZED VEHICLES ONLY
0.080	0.080	FIRE HYDRANT	RIGHT	
0.080	0.080	INTERSECTION	N/A	ROUTE 0905 (LIMANTOUR RESIDENCE ROAD WEST PARKING)
0.080	0.080	ROUTE END	N/A	TO ROUTE 0905, LIMANTOUR RESIDENCE ROAD WEST PARKING

PORE: ROUTE MAINTENANCE FEATURES ROAD LOG

ROUTE 0408: MORGAN HORSE RANCH ROAD

Notice: Culverts and drop inlets were marked only on select roads and are reflected in the Road Logs. Culverts and drop inlets were inventoried in paved parking areas and can be found in the Parking Lot Condition Rating Sheets (Section 7), and in the Parkwide Maintenance Features Summary (Section 8).

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.000	0.000	ROUTE BEGIN	N/A	FROM END OF ROUTE 0211 ON RIGHT, BEAR VALLEY TRAILHEAD ROAD
0.000	0.000	INTERSECTION	LEFT	ROUTE 0211 (BEAR VALLEY TRAILHEAD ROAD)
0.000	0.000	INTERSECTION	RIGHT	ROUTE 0211 (BEAR VALLEY TRAILHEAD ROAD)
0.013	0.013	SIGN	RIGHT	GUIDE, NO AUTOS
0.015	0.015	INTERSECTION	RIGHT	ROUTE 0941 (BEAR VALLEY HORSE/BUS PARKING)
0.027	0.027	SIGN	LEFT	REGULATORY, AND AUTHORIZED VEHICLES ONLY
0.027	0.027	SIGN	RIGHT	GUIDE, MORGAN HORSE RANCH EXHIBITS
0.103	0.103	INTERSECTION	RIGHT	ROUTE 0408 (MORGAN HORSE RANCH ROAD)
0.106	0.106	SIGN	RIGHT	GUIDE, HORSE BARN PARKING POINT REYES NATIONAL SEASHORE ASSOCIATION
0.107	0.107	SIGN	LEFT	GUIDE, HORSE BARN PARKING POINT REYES NATIONAL SEASHORE ASSOCIATION
0.117	0.117	FIRE HYDRANT	RIGHT	
0.124	0.124	SIGN	RIGHT	GUIDE, GRAPHIC SIGN, NO TEXT
0.131	0.131	INTERSECTION	LEFT	ROUTE 0925 (MORGAN HORSE RANCH HANDICAP PARKING)
0.146	0.146	FIRE HYDRANT	LEFT	
0.167	0.201	CURB	LEFT	
0.179	0.179	SIGN	RIGHT	GUIDE, PARK RESIDENCE
0.181	0.189	CURB	RIGHT	
0.183	0.183	FIRE HYDRANT	LEFT	
0.210	0.210	INTERSECTION	LEFT	UNPAVED PARKING
0.236	0.236	INTERSECTION	LEFT	ROUTE 0408 (MORGAN HORSE RANCH ROAD)
0.236	0.236	INTERSECTION	RIGHT	ROUTE 0408 (MORGAN HORSE RANCH ROAD)
0.240	0.240	ROUTE END	N/A	TO END OF LOOP

PORE: ROUTE MAINTENANCE FEATURES ROAD LOG

ROUTE 0410: BEAR VALLEY MAINTENANCE ACCESS ROAD

Notice: Culverts and drop inlets were marked only on select roads and are reflected in the Road Logs. Culverts and drop inlets were inventoried in paved parking areas and can be found in the Parking Lot Condition Rating Sheets (Section 7), and in the Parkwide Maintenance Features Summary (Section 8).

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.000	0.000	ROUTE BEGIN	N/A	FROM ROUTE 0211 AT MP 0.03, BEAR VALLEY TRAILHEAD ROAD
0.000	0.000	INTERSECTION	RIGHT	ROUTE 0211 (BEAR VALLEY TRAILHEAD ROAD)
0.000	0.000	INTERSECTION	LEFT	ROUTE 0211 (BEAR VALLEY TRAILHEAD ROAD)
0.006	0.006	SIGN	RIGHT	REGULATORY, STOP
0.006	0.006	SIGN	RIGHT	GUIDE, ADMINISTRATIVE OFFICES
0.015	0.015	INTERSECTION	RIGHT	ROUTE 0900 (PARK HEADQUARTERS PARKING)
0.056	0.056	INTERSECTION	LEFT	ROUTE 0902D (BEAR VALLEY BLDG 77 PARKING)
0.056	0.056	INTERSECTION	RIGHT	UNPAVED PARKING
0.074	0.074	SIGN	LEFT	REGULATORY, SPEED LIMIT 15
0.074	0.074	FIRE HYDRANT	LEFT	
0.100	0.100	INTERSECTION	RIGHT	ROUTE 0902C (BEAR VALLEY HQ RESIDENTS PARKING)
0.119	0.119	INTERSECTION	RIGHT	ROUTE 0902C (BEAR VALLEY HQ RESIDENTS PARKING)
0.135	0.135	INTERSECTION	RIGHT	ROUTE 0902C (BEAR VALLEY HQ RESIDENTS PARKING)
0.202	0.202	SIGN	RIGHT	REGULATORY, SPEED LIMIT 10
0.202	0.202	SIGN	RIGHT	WARNING, SLOW
0.213	0.213	INTERSECTION	RIGHT	ROUTE 0902A (BEAR VALLEY R AND T PARKING)
0.218	0.218	GATE	N/A	
0.220	0.220	INTERSECTION	N/A	ROUTE 0902B (BEAR VALLEY R AND T EQUIPMENT PARKING)
0.220	0.220	ROUTE END	N/A	TO ROUTE 0902B, BEAR VALLEY R & T EQUIPMENT PARKING

PORE: ROUTE MAINTENANCE FEATURES ROAD LOG

ROUTE 0411: NORTH OPERATIONS CENTER ROAD

Notice: Culverts and drop inlets were marked only on select roads and are reflected in the Road Logs. Culverts and drop inlets were inventoried in paved parking areas and can be found in the Parking Lot Condition Rating Sheets (Section 7), and in the Parkwide Maintenance Features Summary (Section 8).

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.000	0.000	ROUTE BEGIN	N/A	FROM ROUTE 5001, SIR FRANCIS DRAKE BOULEVARD WEST (COUNTY ROAD)
0.000	0.000	INTERSECTION	RIGHT	ROUTE 5001 (SIR FRANCIS DRAKE BOULEVARD WEST)
0.000	0.000	INTERSECTION	LEFT	ROUTE 5001 (SIR FRANCIS DRAKE BOULEVARD WEST)
0.009	0.009	GATE	N/A	HORIZONTAL AND VERTICAL BARS
0.029	0.029	SIGN	RIGHT	GUIDE, NORTH DISTRICT OPERATIONS CENTER HISTORIC RCA BUILDING ESTABLISHED CIRCA 1929
0.032	0.032	SIGN	LEFT	GUIDE, GATE CLOSES AT 5:00PM DAILY
0.240	0.240	INTERSECTION	N/A	ROUTE 0931 (NDOC OFFICE PARKING)
0.240	0.240	ROUTE END	N/A	TO ROUTE 0931, NDOC OFFICE PARKING

PORE: ROUTE MAINTENANCE FEATURES ROAD LOG

ROUTE 0416: CROSS MARIN TRAIL ROAD

Notice: Culverts and drop inlets were marked only on select roads and are reflected in the Road Logs. Culverts and drop inlets were inventoried in paved parking areas and can be found in the Parking Lot Condition Rating Sheets (Section 7), and in the Parkwide Maintenance Features Summary (Section 8).

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.000	0.000	ROUTE BEGIN	N/A	FROM ROUTE 5000, SIR FRANCIS DRAKE BOULEVARD EAST 1.75 MILES FROM INTERSECTION WITH STATE HIGHWAY 1 IN OLEMA
0.000	0.000	INTERSECTION	N/A	ROUTE 5000 (SIR FRANCIS DRAKE BOULEVARD EAST)
0.006	0.011	RETAINING WALL	RIGHT	
0.010	0.010	CULVERT	N/A	
0.013	0.013	SIGN	RIGHT	REGULATORY, WATER MAIN
0.035	0.035	CULVERT	N/A	
0.039	0.039	INTERSECTION	RIGHT	ROUTE 5001 (SIR FRANCIS DRAKE BOULEVARD WEST) SPUR
0.169	0.169	CULVERT	N/A	
0.205	0.205	CULVERT	N/A	
0.265	0.265	CULVERT	N/A	
0.318	0.318	CULVERT	N/A	
0.402	0.402	CULVERT	N/A	
0.652	0.652	CULVERT	N/A	
0.724	0.724	CULVERT	N/A	
0.833	0.833	CULVERT	N/A	
1.072	1.072	CULVERT	N/A	
1.323	1.323	CULVERT	N/A	
1.424	1.424	SIGN	RIGHT	GUIDE, CROSS MARIN TRAIL
1.424	1.424	SIGN	RIGHT	GUIDE, UNABLE TO READ FROM VIDEO
1.547	1.547	CULVERT	N/A	
1.600	1.600	SIGN	RIGHT	GUIDE, ENTERING SAMUEL P TAYLOR STATE PARK
1.600	1.600	PARK BOUNDARY	N/A	
1.600	1.600	ROUTE END	N/A	TO STATE PARK BOUNDARY SIGN

PORE: ROUTE MAINTENANCE FEATURES ROAD LOG

ROUTE 0500: LIMANTOUR RESIDENCE ROAD EAST

Notice: Culverts and drop inlets were marked only on select roads and are reflected in the Road Logs. Culverts and drop inlets were inventoried in paved parking areas and can be found in the Parking Lot Condition Rating Sheets (Section 7), and in the Parkwide Maintenance Features Summary (Section 8).

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.000	0.000	ROUTE BEGIN	N/A	FROM ROUTE 0010 AT MP 7.34 ON LEFT
0.000	0.000	INTERSECTION	LEFT	ROUTE 0010 (LIMANTOUR ROAD)
0.000	0.000	INTERSECTION	RIGHT	ROUTE 0010 (LIMANTOUR ROAD)
0.007	0.007	SIGN	RIGHT	REGULATORY, STOP
0.017	0.017	SIGN	LEFT	GUIDE, PARK RESIDENCE
0.019	0.019	SIGN	RIGHT	REGULATORY, AUTHORIZED VEHICLES ONLY
0.340	0.340	FIRE HYDRANT	LEFT	
0.370	0.370	ROUTE END	N/A	TO END AT RESIDENCE DRIVEWAY

Point Reyes National Seashore

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