BIBE
Cycle 6

Final Report

Road Inventory and Condition Assessment of Paved Routes
Big Bend National Park

Federal Lands Highway
Road Inventory Program

Prepared By:
Federal Highway Administration
Eastern Federal Lands Highway Division
Road Inventory Program (RIP)

Report Date: October 2017

Big Bend National Park
in
Texas

Esri, DeLorme, GEBCO, NOAA NGDC, and other contributors

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Section 1
Introduction

Big Bend National Park

Federal Lands Highway
Road Inventory Program

Introduction

The Federal Highway Administration's (FHWA), Road Inventory Program (RIP) inventories all roads and parking areas in the National Park System, and performs condition inspections on all paved roads and parking areas for the National Park Service (NPS). This report contains the results of the Cycle 6 condition assessment of paved roads and parking lots for this park unit. This assessment was done using an automated, state-of-the-art pavement inspection vehicle as well as manual ratings. This information represents the condition of the paved assets at the time of the inspection. The pavement management system utilized by FHWA and the NPS uses these assessments to estimate future conditions and help prioritize pavement maintenance and rehabilitation projects. Further information about RIP data and its role in managing paved roads and bridges can be obtained by contacting the NPS Regional Transportation Program Manager.

A History of the Road Inventory Program:

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

The FHWA completed the initial phase of inventory in the early 1980s. As a result of this effort, each NPS unit included in the collection received a RIP Report known as the "Brown Book" which contained information that was inventoried during this first RIP phase. In the 1990s, a cyclical program was developed, and since then five cycles of collection have been completed. Cycle 6 is currently in progress. A summary of the RIP collection cycles is shown in the table below.

Cycle	Years	Parks Collected
Cycle 1	1994 - 1997	° 44 Large Parks
Cycle 2	1997 - 2001	° 79 Large Parks ° 5 Small Parks
Cycle 3	2001 - 2004	° All Large Parks ° All Small Parks
Cycle 4	2006 - 2010	° 86 Large Parks ° Several Small Parks
Cycle 5	2010 - 2014	° All Large Parks (Only functional class 1, 2, 7, and new/modified routes collected) ° All Small Parks (all roads and parking areas collected)
Cycle 6	2014 – 2020 (±)	° All roads and parking areas collected at all Parks ° Additional partial collections of functional class 1, 2, and 7 roads at Large Parks ° Cycle 6 is expected to last 6 years

Note: Large Parks have ≥ 10 Paved Miles; Small Parks have < 10 Paved Miles

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

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

In 2012, the Moving Ahead for Progress in the 21st Century Act (MAP-21) amended Title 23 U.S.C., and under Section 203(c)(1-2) stated that the National Park Service in cooperation with the DOT/FHWA, shall maintain a comprehensive national inventory of their transportation facilities, with the goal of quantifying transportation infrastructure needs within the National Park System.

A History of the Pavement Management System:

In 2005, the FHWA began implementing the use of a pavement management system to assist the NPS in prioritizing Pavement Maintenance and Rehabilitation activities. The system used by FHWA is the Highway Pavement Management Application (HPMA), which has the ability to store inventory and condition data from RIP and forecast future performance using prediction models. Outputs include performance and condition reports at the National, Regional, Park, or Route level. Regional prioritized lists and optimizations have been produced for most regions, and the Service's overall roadway Deferred Maintenance is calculated via the HPMA.

Overview of Cycle 6:

Cycle 6 launched in the spring of 2014 and will again comprise all NPS park units that are served by paved roads and/or parking areas. For Cycle 6, all paved roads (approximately 5,700 miles) and parking areas will be collected in all parks at least once, while the primary routes (functional class 1, 2, and 7 roads) at Large Parks will have additional collections. These multiple collections will provide updated condition data on a majority of the NPS's primary road network and help build a better pavement management system, allowing for more accurate pavement performance prediction models.

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

Respectfully,

FHWA RIP Team

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Section 2
Park Route Inventory

Big Bend National Park

Federal Lands Highway
Road Inventory Program

Report Date: 10/26/2017

Cycle 6 NPS / RIP Route ID Report

(Numerical By Summary Route and Subcomponent #)

Federal Lands Highway
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Route No.	Cycle Collected	Iteration Collected	FMSS Number	Concession	Route Name	Route Description From	Route Description To	Maintenance District	FLTP	Paved Miles	Unpaved Miles	Total Mileage	Functional Class	Area (SQ FT)	Surf. Type	Area Map
0011	6	1	53230		NORTH ENTRANCE ROAD	FROM INTERSECTION OF ROUTE 0900 (VISITOR PARKING LOT - HQ BUILDING #310), ROUTE 0012 (RIO GRANDE ROAD), AND ROUTE 0013 (WEST ENTRANCE ROAD)	TO NORTH PARK BOUNDARY		YES	27.46	0.00	27.46	1		AS	1,2,2A
0012	6	1	53231		RIO GRANDE ROAD	FROM INTERSECTION OF ROUTE 0900 (VISITOR PARKING LOT - HQ BUILDING #310), ROUTE 0011 (NORTH ENTRANCE ROAD), AND ROUTE 0013 (WEST ENTRANCE ROAD)	TO ROUTE 0201 (RIO GRANDE VILLAGE ROAD) AT RIO GRANDE VILLAGE		YES	20.31	0.00	20.31	1		AS	2,2A,5,5A
0013	6	1	53232		WEST ENTRANCE ROAD	FROM INTERSECTION OF ROUTE 0900 (VISITOR PARKING LOT - HQ BUILDING #310), ROUTE 0011 (NORTH ENTRANCE ROAD), AND ROUTE 0012 (RIO GRANDE ROAD)	TO WEST PARK BOUNDARY		YES	21.91	0.00	21.91	1		AS	2,2A,3
0014	6	1	53233		CHISOS BASIN ROAD	FROM ROUTE 0013 (WEST ENTRANCE ROAD) AT MP 3.18	TO ROUTE 0919 (BASIN VISITORS CENTER PARKING)		YES	6.34	0.00	6.34	1		AS	2,2B
0015	6	1	53234		ROSS MAXWELL SCENIC DRIVE	FROM ROUTE 0013 (WEST ENTRANCE ROAD) AT MP 12.71	TO BEGINNING OF ROUTE 0016 (SANTA ELENA CANYON ROAD)		YES	23.25	0.00	23.25	1		AS	3,4
0016	6	1	53235		SANTA ELENA CANYON ROAD	FROM END OF ROUTE 0015 (ROSS MAXWELL SCENIC DRIVE)	TO END OF LOOP		YES	7.70	0.00	7.70	1		AS	4
0100	NC		54472		TERLINGUA RANCH ROAD	FROM ROUTE 0011 (NORTH ENTRANCE ROAD) AT MP 21.89 ON LEFT	TO WEST BOUNDARY		NO	0.00	23.89	23.89	2		GR	
0101	NC		54473		DAGGER FLAT ROAD	FROM ROUTE 0011 (NORTH ENTRANCE ROAD) AT MP 12.68 ON RIGHT	TO END		NO	0.00	7.73	7.73	2		GR	

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0102	NC		54474		OLD ORE ROAD	FROM ROUTE 0012 (RIO GRANDE ROAD)	TO ROUTE 0101 (DAGGER FLAT ROAD)		NO	0.00	27.35	27.35	2		GR	
0103	6	1	54475		FOSSIL BONE ROAD	FROM ROUTE 0011 (NORTH ENTRANCE ROAD) AT MP 8.09 ON RIGHT	TO ROUTE 1015 (FOSSIL BONE PARKING)		YES	0.23	0.00	0.23	2		AS	2
0104	NC		54476		GLENN SPRINGS ROAD	FROM ROUTE 0012 (RIO GRANDE ROAD)	TO ROUTE 0106 (RIVER ROAD)		NO	0.00	16.17	16.17	2		GR	
0105	NC		54477		DUG OUT WELLS ROAD	FROM ROUTE 0012 (RIO GRANDE ROAD)	TO END		NO	0.00	0.66	0.66	2		GR	
0106	NC		54478		RIVER ROAD	FROM ROUTE 0015 (ROSS MAXWELL SCENIC DRIVE)	TO ROUTE 0012 (RIO GRANDE ROAD)		NO	0.00	53.30	53.30	2		GR	
0107	NC		54479		HOT SPRINGS ROAD	FROM ROUTE 0012 (RIO GRANDE ROAD)	TO HOT SPRINGS PARKING		YES	0.00	1.91	1.91	2		GR	
0109	6	1	54480		BOQUILLAS CANYON ROAD	FROM ROUTE 0012 (RIO GRANDE ROAD) AT MP 19.30	TO ROUTE 0905 (BOQUILLAS CANYON TRAIL PARKING)		YES	3.61	0.00	3.61	2		AS	5,5A
0110	6	1	54481		BOQUILLAS CANYON OVERLOOK ROAD	FROM ROUTE 0109 (BOQUILLAS CANYON ROAD)	TO END OF LOOP		YES	0.57	0.00	0.57	2		AS	5
0111	NC		54482		GRAPEVINE HILLS ROAD	FROM ROUTE 0013 (WEST ENTRANCE ROAD)	TO SPRING		NO	0.00	7.85	7.85	2		GR	
0112	6	1	54483		SOTOL VISTA OVERLOOK ROAD	FROM ROUTE 0015 (ROSS MAXWELL SCENIC DRIVE) AT MP 8.33	TO END OF LOOP		YES	0.41	0.00	0.41	2		AS	3
0113	6	1	54484		BURRO MESA POUROFF ROAD	FROM ROUTE 0015 (ROSS MAXWELL SCENIC DRIVE) AT MP 11.57	TO END OF LOOP		YES	1.86	0.00	1.86	2		AS	3
0114	6	1	54486		MULE EARS OVERLOOK ROAD	FROM ROUTE 0015 (ROSS MAXWELL SCENIC DRIVE) AT MP 15.46	TO END OF LOOP		YES	0.61	0.00	0.61	2		AS	4

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0115	NC		54487		OLD MAVERICK ROAD	FROM ROUTE 0016 (SANTA ELENA CANYON ROAD)	TO ROUTE 0013 (WEST ENTRANCE ROAD)		NO	0.00	12.89	12.89	2		GR	
0200	NC		54489		HANNOLD DRAW ROAD	FROM ROUTE 0011 (NORTH ENTRANCE ROAD) AT MP 4.75 ON RIGHT	TO GRAVEL PIT		NO	0.00	0.25	0.25	3		GR	
0201	6	1	54490		RIO GRANDE VILLAGE ROAD	FROM ROUTE 0907 (RIO GRANDE DANIELS RANCH PICNIC AREA PARKING)	TO END		YES	1.41	0.00	1.41	3		AS	5A
0202	NC		54491		BOQUILLAS CROSSING	FROM ROUTE 0109 (BOQUILLAS CANYON ROAD)	TO PARKING		NO	0.00	0.41	0.41	3		GR	
0203ZZ	6	1	54492		RIO GRANDE VILLAGE CAMPGROUND ROADS	FROM ROUTE 0201 (RIO GRANDE VILLAGE ROAD)	THROUGH CAMPGROUND		YES	1.30	0.00	1.30	3		AS	5A
0204	NC		54494		TELEPHONE CANYON ROAD	FROM ROUTE 0102 (OLD ORE ROAD)	TO END		NO	0.00	0.04	0.04	3		GR	
0206	6	1	54495		LOWER BASIN CAMPGROUND ROAD	FROM ROUTE 0014 (CHISOS BASIN ROAD) AT MP 6.17	TO ROUTE 0924 (BASIN REMUDA PARKING) AND ROUTE 1028 (BASIN RESIDENCE PARKING)		YES	0.63	0.00	0.63	2		AS	2B
0207	NC		54496		PAINT GAP ROAD	FROM ROUTE 0013 (WEST ENTRANCE ROAD)	TO SPRING		NO	0.00	3.79	3.79	4		GR	
0208	NC		54497		CROTON SPRING ROAD	FROM ROUTE 0013 (WEST ENTRANCE ROAD)	TO SPRING		NO	0.00	0.52	0.52	3		GR	
0209	NC		90987		CALVARY ROAD (CASTOLON VISITOR CENTER)	FROM ROUTE 0015 (ROSS MAXWELL SCENIC DRIVE) AT MP 22.50	TO CASTOLON HISTORIC DISTRICT		NO	0.00	0.10	0.10	3		GR	
0210	NC		54498		SANTA ELENA CROSSING	FROM ROUTE 0015 (ROSS MAXWELL SCENIC DRIVE) AT MP 22.68	TO PARKING		NO	0.00	0.21	0.21	3		GR	
0211	NC		54499		COTTONWOOD CAMPGROUND ROAD	FROM END OF ROUTE 0015 (ROSS MAXWELL SCENIC DRIVE)	THROUGH CAMPGROUND		NO	0.00	0.82	0.82	3		GR	

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0212	NC		54500		TERLINGUA ABAJA ROAD	FROM ROUTE 0115 (OLD MAVERICK ROAD)	TO GAGING STATION		NO	0.00	1.59	1.59	3		GR	
0213	NC		54501		BUENOS AIRES ROAD	FROM ROUTE 0106 (RIVER ROAD)	TO SOUTH PARK BOUNDARY		NO	0.00	0.60	0.60	3		GR	
0215	NC		54502		SIERRA CHINO ROAD	FROM ROUTE 0106 (RIVER ROAD)	TO SOUTH PARK BOUNDARY		NO	0.00	1.05	1.05	3		GR	
0216	NC		54503		GAUGING STATION ROAD	FROM ROUTE 0106 (RIVER ROAD)	TO SOUTH PARK BOUNDARY		NO	0.00	0.42	0.42	3		GR	
0217	NC		54504		JOHNSON RANCH ROAD	FROM ROUTE 0106 (RIVER ROAD)	TO SOUTH PARK BOUNDARY		NO	0.00	0.37	0.37	3		GR	
0220	NC		54506		WOODSON / PETTITS ROAD	FROM ROUTE 0106 (RIVER ROAD)	TO SOUTH PARK BOUNDARY		NO	0.00	4.50	4.50	3		GR	
0221	NC		54507		TALLEY PLACE	FROM ROUTE 0106 (RIVER ROAD)	TO SOUTH PARK BOUNDARY		NO	0.00	5.99	5.99	3		GR	
0223	NC		54508		SOLIS PLACE	FROM ROUTE 0106 (RIVER ROAD)	TO SOUTH PARK BOUNDARY		NO	0.00	1.55	1.55	3		GR	
0225	NC		54509		ROONEY'S PLACE	FROM ROUTE 0106 (RIVER ROAD)	TO SOUTH PARK BOUNDARY		NO	0.00	0.41	0.41	3		GR	
0226	NC		54510		SAN VICENTE ROAD	FROM ROUTE 0106 (RIVER ROAD)	TO SOUTH PARK BOUNDARY		NO	0.00	1.52	1.52	3		GR	
0228	NC		54511		LA CLOCHA ROAD	FROM ROUTE 0106 (RIVER ROAD)	TO SOUTH PARK BOUNDARY		NO	0.00	0.76	0.76	3		GR	
0229	NC		54512		BLACK GAP ROAD	FROM ROUTE 0106 (RIVER ROAD)	TO ROUTE 0104 (GLENN SPRINGS ROAD)		NO	0.00	8.76	8.76	3		GR	
0230	NC		54513		JUNIPER CANYON ROAD	FROM ROUTE 0104 (GLENN SPRINGS ROAD)	TO END		NO	0.00	5.59	5.59	3		GR	
0232	NC		54514		PINE CANYON ROAD	FROM ROUTE 0104 (GLENN SPRINGS ROAD)	TO END		NO	0.00	4.21	4.21	3		GR	

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0233ZZ	6	1	54515		CLASS A CAMPGROUND - CHISOS BASIN	FROM ROUTE 0206 (LOWER BASIN CAMPGROUND ROAD) AT MP 0.38	THROUGH CAMPGROUND		YES	0.70	0.00	0.70	3		AS	2B
0234	6	1	54516		BASIN GROUP CAMPGROUND ROAD	FROM ROUTE 0206 (LOWER BASIN CAMPGROUND ROAD) AT MP 0.61	TO END OF LOOP		YES	0.40	0.00	0.40	3		AS	2B
0235	NC		54525		LOOP CAMP ROAD	FROM ROUTE 0106 (RIVER ROAD)	TO SOUTH PARK BOUNDARY		NO	0.00	0.66	0.66	4		GR	
0236	NC		54526		JEWEL'S CAMP ROAD	FROM ROUTE 0106 (RIVER ROAD)	TO SOUTH PARK BOUNDARY		NO	0.00	1.10	1.10	4		GR	
0237	NC		54527		GRAVEL PIT ROAD	FROM ROUTE 0106 (RIVER ROAD)	TO SOUTH PARK BOUNDARY		NO	0.00	0.94	0.94	4		GR	
0238	NC		54528		CHIMNEYS WEST ROAD	FROM ROUTE 0115 (OLD MAVERICK ROAD)	TO END		NO	0.00	0.09	0.09	4		GR	
0239	NC		54529		NINE POINT DRAW ROAD	FROM ROUTE 0011 (NORTH ENTRANCE ROAD) AT MP 21.61 ON RIGHT	TO CAMPSITE		NO	0.00	0.63	0.63	4		GR	
0240	NC		54530		ROYS PEAK ROAD	FROM ROUTE 0102 (OLD ORE ROAD)	TO END		NO	0.00	0.16	0.16	4		GR	
0241	NC		54531		LA NORIA ROAD	FROM ROUTE 0102 (OLD ORE ROAD)	TO END		NO	0.00	0.21	0.21	4		GR	
0242	NC		54532		ERNST TINAJA ROAD	FROM ROUTE 0102 (OLD ORE ROAD)	TO END		NO	0.00	0.48	0.48	4		GR	
0243	NC		54533		RICE TANK ROAD	FROM ROUTE 0104 (GLENN SPRINGS ROAD)	TO END		NO	0.00	0.21	0.21	4		GR	
0244	NC		54535		MARISCAL MINE ROAD	FROM ROUTE 0106 (RIVER ROAD)	TO MARISCAL MINE		NO	0.00	0.22	0.22	4		GR	
0245	NC		54536		PETTITS ROAD	FROM ROUTE 0106 (RIVER ROAD)	TO SOUTH PARK BOUNDARY AT PETTITS		NO	0.00	0.37	0.37	4		GR	

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0246	NC		54537		DOMINGUEZ SPRING ROAD	FROM ROUTE 0106 (RIVER ROAD)	TO END		NO	0.00	0.30	0.30	4		GR	
0400	NC		54538		PERSIMMON GAP RANCH ROAD	FROM ROUTE 0011 (NORTH ENTRANCE ROAD) AT MP 25.86 ON LEFT	TO PARK BOUNDARY		NO	0.00	0.47	0.47	5		GR	
0401	NC		54539		ROSILLOS RANCH ROAD	FROM ROUTE 0011 (NORTH ENTRANCE ROAD) AT 12.49 ON LEFT	TO PARK BOUNDARY		NO	0.00	1.35	1.35	5		GR	
0402	NC		54540		PERSIMMON GAP RESIDENTIAL ROAD	FROM ROUTE 0011 (NORTH ENTRANCE ROAD) AT MP 25.93 ON LEFT	TO END		NO	0.00	0.44	0.44	5		GR	
0403	NC		102751		K-BAR MONITORING STATION ROAD	FROM ROUTE 0404 (K-BAR RANCH ROAD)	TO MONITORING STATION		NO	0.00	0.20	0.20	5		GR	
0404	NC		54541		K-BAR RANCH ROAD	FROM ROUTE 0012 (RIO GRANDE ROAD)	TO CAMPSITE		NO	0.00	0.79	0.79	5		GR	
0405ZZ	6	1	54542		HUISACHE DRIVE	FROM ROUTE 0012 (RIO GRANDE ROAD) AT MP 19.63 ON LEFT	TO END OF LOOP		YES	0.51	0.00	0.51	5		AS	5A
0406	NC		54543		RIO GRANDE LAGOON SPUR	FROM ROUTE 0405AZ (HUISACHE DRIVE A)	TO ROUTE 0201 (RIO GRANDE VILLAGE ROAD)		NO	0.00	1.23	1.23	5		GR	
0411	NC		54544		RIO GRANDE WATER TANK ROAD	FROM ROUTE 0201 (RIO GRANDE VILLAGE ROAD)	TO END		NO	0.00	0.87	0.87	5		GR	
0412	NC		54545		RIO GRANDE VILLAGE DUMP ROAD	FROM ROUTE 0109 (BOQUILLAS CANYON ROAD)	TO END		NO	0.00	0.46	0.46	5		GR	
0416	6	1	54546		LOWER BASIN LAGOON ROAD	FROM ROUTE 0233ZZ (CLASS A CAMPGROUND - CHISOS BASIN)	TO LAGOONS		YES	0.19	0.38	0.57	5		AS	2B
0418	6	1	54548	■	CHISOS BASIN RESIDENCE ROAD	FROM ROUTE 0920 (BASIN MOTEL PARKING)	TO END		YES	0.05	0.00	0.05	5		AS	2B
0419	NC		54549		OAK SPRINGS ROAD	FROM ROUTE 0015 (ROSS MAXWELL SCENIC DRIVE)	TO WATER TANK		NO	0.00	2.22	2.22	5		GR	

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Cycle 6 NPS / RIP Route ID Report

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BIBE *Big Bend National Park*

ROAD INVENTORY (1100 SERIES FMSS LOCATIONS)

Route No.	Cycle Collected	Iteration Collected	FMSS Number	Concession	Route Name	Route Description From	Route Description To	Maintenance District	FLTP	Paved Miles	Unpaved Miles	Total Mileage	Functional Class	Area (SQ FT)	Surf. Type	Area Map
0422	NC		54550		BLUE CREEK DRIVE	FROM END OF ROUTE 0015 (ROSS MAXWELL SCENIC DRIVE)	TO END OF LOOP		NO	0.00	0.19	0.19	5		GR	
0423	NC		54551		BLUE CREEK GRAVEL PIT ROAD	FROM ROUTE 0016 (SANTA ELENA CANYON ROAD), NORTH	TO END		NO	0.00	0.48	0.48	5		GR	
0426	6	1	54553		MESA DRIVE	FROM ROUTE 0015 (ROSS MAXWELL SCENIC DRIVE)AT MP 21.87	TO ROUTE 0932 (CASTOLON MAINTENANCE PARKING)		YES	0.47	0.00	0.47	5		AS	4
0427	6	1	54554		PALO VERDE DRIVE	FROM ROUTE 0426 (MESA DRIVE)	TO END		YES	0.09	0.00	0.09	5		AS	4
0428	6	1	53087		ALSATE AVENUE	FROM ROUTE 0012 (RIO GRANDE ROAD) AT MP 0.07	TO ROUTE 0939 (MAINTENANCE AREA PARKING LOT)		YES	0.53	0.00	0.53	5		AS	2A
0429	6	1	53088		BOBCAT LOOP	FROM ROUTE 0428 (ALSATE AVENUE)	TO ROUTE 0428 (ALSATE AVENUE)		YES	0.44	0.00	0.44	5		AS	2A
0430	6	1	53094		JAVELINA DRIVE	FROM ROUTE 0428 (ALSATE AVENUE)	TO ROUTE 0429 (BOBCAT LOOP)		YES	0.13	0.00	0.13	5		AS	2A
0431	6	1	53102		QUAIL RUN ROAD	FROM ROUTE 0429 (BOBCAT LOOP) AT MP 0.21	TO END		YES	0.02	0.00	0.02	5		AS	2A
0432	6	1	53091		CHUPAROSA ROAD	FROM ROUTE 0429 (BOBCAT LOOP) AT MP 0.26	TO END		YES	0.02	0.00	0.02	5		AS	2A
0433	6	1	53103		TECOLOTE DRIVE	FROM END OF ROUTE 0428 (ALSATE AVENUE)	TO ROUTE 0436 (NOLINA DRIVE)		YES	0.35	0.00	0.35	5		AS	2A
0434	6	1	53096		LA JUNTA CIRCLE	FROM ROUTE 0435 (OCOTILLO LOOP)	TO ROUTE 0433 (TECOLOTE DRIVE)		YES	0.05	0.00	0.05	5		AS	2A
0435	6	1	53099		OCOTILLO LOOP	FROM ROUTE 0433 (TECOLOTE DRIVE)	TO ROUTE 0433 (TECOLOTE DRIVE)		YES	0.13	0.00	0.13	5		AS	2A
0436	6	1	53098		NOLINA DRIVE	FROM ROUTE 0429 (BOBCAT LOOP)	TO END		YES	0.36	0.00	0.36	5		AS	2A

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0440	6	1	53101		PANTHER CANYON DRIVE	FROM ROUTE 0436 (NOLINA DRIVE) AT MP 0.27	TO ROUTE 0440 (PANTHER CANYON DRIVE) AT MP 0.14 ON LEFT		YES	0.18	0.00	0.18	5		AS	2A
0443	6	1	90989		ESCUELA ROAD	FROM ROUTE 0429 (BOBCAT LOOP) AT MP 0.40	TO ROUTE 0937 (ESCUELA VISTA PARKING LOT)		YES	0.06	0.00	0.06	5		AS	2A
0444	6	1	54556		PJ SEWAGE TREATMENT PLANT ROAD	FROM ROUTE 0012 (RIO GRANDE ROAD) AT MP 0.27	TO ROUTE 1020 (PJ SEWAGE TREATMENT PLANT PARKING)		YES	0.12	0.00	0.12	5		AS	2A
0445	NC		54557		MAPLE CANYON ROAD	FROM ROUTE 0014 (CHISOS BASIN ROAD)	TO END		NO	0.00	0.40	0.40	6		GR	
0446	NC		54558		HARTE RANCH ROAD	FROM ROUTE 0100 (TERLINGUA RANCH ROAD)	TO AIRPORT LODGE		NO	0.00	3.50	3.50	6		GR	
0447	NC		54559		MOUNTAIN LODGE ROAD	FROM ROUTE 0100 (TERLINGUA RANCH ROAD)	TO MOUNTAIN LODGE		NO	0.00	0.50	0.50	6		GR	
0448	NC		54560		LONE MOUNTAIN ROAD	FROM ROUTE 0011 (NORTH ENTRANCE ROAD) AT MP 1.05 ON LEFT	TO END		NO	0.00	0.25	0.25	6		GR	
0449	NC		54561		NUGENT MOUNTAIN GRAVEL PIT ROAD	FROM ROUTE 0012 (RIO GRANDE ROAD)	TO END		NO	0.00	0.20	0.20	6		GR	
0450	NC		54769		MAVERICK GRAVEL PIT ROAD	FROM ROUTE 0115 (OLD MAVERICK ROAD)	TO END		NO	0.00	0.23	0.23	6		GR	
0451	NC		54597		TORNILLO CREEK SERVICE ROAD	FROM ROUTE 0011 (NORTH ENTRANCE ROAD)	TO END		NO	0.00	0.38	0.38	6		GR	
0452	NC		54598		MILE 19 GRAVEL PIT ROAD	FROM ROUTE 0013 (WEST ENTRANCE ROAD)	TO END		NO	0.00	0.21	0.21	6		GR	
0453	NC		54600		TIN ACCESS ROAD	FROM INTERSECTION OF ROUTE 0013 (WEST ENTRANCE ROAD) AND ROUTE 0115 (OLD MAVERICK ROAD)	TO END		NO	0.00	0.33	0.33	6		GR	

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0455	NC		54602		BONEYARD/CORRAL ROAD	FROM ROUTE 0428 (ALSATE AVENUE)	TO ROUTE 0436 (NOLINA DRIVE)		NO	0.00	0.81	0.81	6		GR	

PARKING AREA INVENTORY (1300 SERIES FMSS LOCATIONS)

Route No.	Cycle Collected	Iteration Collected	FMSS Number	Concession	Route Name	Route Description From	Route Description To	Maintenance District	FLTP	Access Level	Area (SQ FT)	Surf. Type	Area Map
0900	6	1	53078		VISITOR PARKING LOT - HQ BUILDING #310	FROM INTERSECTION OF ROUTE 0011 (NORTH ENTRANCE ROAD), ROUTE 0012 (RIO GRANDE ROAD), AND ROUTE 0013 (WEST ENTRANCE ROAD)	TO ROUTE 0013 (WEST ENTRANCE ROAD)		YES	PUBLIC	21,698	AS	2A
0901	6	1	54604		PERSIMMON GAP VISITOR CENTER PARKING	FROM ROUTE 0011 (NORTH ENTRANCE ROAD) AT MP 25.95 ON LEFT	TO ROUTE 0011 (NORTH ENTRANCE ROAD) AT MP 26.01 ON LEFT		YES	PUBLIC	11,322	AS	1
0902	6	1	54606		RIO GRANDE OVERLOOK PARKING	FROM ROUTE 0012 (RIO GRANDE ROAD) AT MP 18.62 ON RIGHT	TO PARKING		YES	PUBLIC	14,962	AS	5A
0903	NC		54607		RIO GRANDE VILLAGE MAINTENANCE AREA	ADJACENT TO ROUTE 0405AZ (HUISACHE DRIVE A)			NO	NONPUBLIC	36,000	GR	
0905	6	1	54609		BOQUILLAS CANYON TRAIL PARKING	FROM END OF ROUTE 0109 (BOQUILLAS CANYON ROAD)	TO PARKING		YES	PUBLIC	14,953	AS	5
0906	6	1	54610		RIO GRANDE VISITOR CENTER PARKING	FROM ROUTE 0012 (RIO GRANDE ROAD) AT MP 20.12, NEAR RIO GRANDE VILLAGE	TO ROUTE 0012 (RIO GRANDE ROAD) AT MP 20.21		YES	PUBLIC	39,178	AS	5A
0907	6	1	54612		RIO GRANDE DANIELS RANCH PICNIC AREA PARKING	FROM BEGINNING OF ROUTE 0201 (RIO GRANDE VILLAGE ROAD)	TO PARKING		YES	PUBLIC	7,377	AS	5A
0908	6	1	54613	■	RIO GRANDE TRAILER PARKING RV PARK	FROM ROUTE 0201 (RIO GRANDE VILLAGE ROAD) AT MP 0.52	TO ROUTE 0909 (RIO GRANDE STORE PARKING)		YES	PUBLIC	38,638	AS	5A
0909	6	1	54615	■	RIO GRANDE STORE PARKING	FROM ROUTE 0201 (RIO GRANDE VILLAGE ROAD) AT MP 0.71	TO ROUTE 0908 (RIO GRANDE TRAILER PARKING RV PARK)		YES	PUBLIC	46,921	AS	5A

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Route No.	Cycle Collected	Iteration Collected	FMSS Number	Concession	Route Name	Route Description From	Route Description To	Maintenance District	FLTP	Access Level	Area (SQ FT)	Surf. Type	Area Map
0910	6	1	54617		RIO GRANDE AMPHITHEATER PARKING	FROM ROUTE 0201 (RIO GRANDE VILLAGE ROAD) AT MP 0.91	TO PARKING		YES	PUBLIC	40,917	AS	5A
0912	6	1	90991		PANTHER JUNCTION GAS STATION PARKING LOT	FROM ROUTE 0013 (WEST ENTRANCE ROAD) AT MP 0.18	TO ROUTE 0013 (WEST ENTRANCE ROAD) AT MP 0.21		YES	PUBLIC	10,438	AS	2A
0913	6	1	54620		BADLANDS PARKING AREA	FROM ROUTE 0013 (WEST ENTRANCE ROAD) AT MP 20.69	TO ROUTE 0013 (WEST ENTRANCE ROAD) AT MP 20.73		YES	PUBLIC	7,563	AS	3
0914	6	1	54622		MAVERICK INFORMATION KIOSK PARKING	FROM ROUTE 0013 (WEST ENTRANCE ROAD) AT MP 20.81	TO PARKING		YES	PUBLIC	6,472	AS	3
0915	6	1	54623		WEST ENTRANCE CONTACT STATION PARKING	FROM ROUTE 0013 (WEST ENTRANCE ROAD) AT MP 20.75	TO PARKING		YES	PUBLIC	3,115	AS	3
0917	6	1	54625		LOST MINE TRAIL PARKING	ADJACENT TO ROUTE 0014 (CHISOS BASIN ROAD) AT MP 5.17			YES	PUBLIC	7,022	AS	2
0918	6	1	54627		BASIN RANGER STATION PARKING	FROM ROUTE 0014 (CHISOS BASIN ROAD) ON RIGHT	TO PARKING		NO	NONPUBLIC	16,769	AS	2B
0919	6	1	54629	■	BASIN VISITORS CENTER PARKING	FROM END OF ROUTE 0014 (CHISOS BASIN ROAD)	TO ROUTE 0920 (BASIN MOTEL PARKING)		YES	PUBLIC	45,943	AS	2B
0920	6	1	54631	■	BASIN MOTEL PARKING	FROM THE BEGINNING OF ROUTE 0418 (CHISOS BASIN RESIDENCE ROAD)	TO ROUTE 0919 (BASIN VISITORS CENTER PARKING), ROUTE 0921 (CHISOS MOUNTAIN LODGE PARKING), AND ROUTE 0922 (CHISOS COTTAGE PARKING)		YES	PUBLIC	17,774	AS	2B
0921	6	1	54634	■	CHISOS MOUNTAIN LODGE PARKING	FROM ROUTE 0920 (BASIN MOTEL PARKING)	TO PARKING		YES	PUBLIC	29,088	AS	2B
0922	6	1	54637	■	CHISOS COTTAGE PARKING	FROM ROUTE 0920 (BASIN MOTEL PARKING)	TO PARKING		YES	PUBLIC	22,576	AS	2B
0923	6	1	54639		BASIN AMPHITHEATER PARKING	FROM INTERSECTION OF ROUTE 0206 (LOWER BASIN CAMPGROUND ROAD) AND ROUTE 0233Z (CLASS A CAMPGROUND - CHISOS BASIN MAIN LOOP)	TO ROUTE 0206 (LOWER BASIN CAMPGROUND ROAD)		YES	PUBLIC	22,991	AS	2B

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0924	6	1	54641		BASIN REMUDA PARKING	FROM END OF ROUTE 0206 (LOWER BASIN CAMPGROUND ROAD)	TO PARKING		NO	NONPUBLIC	6,692	AS	2B
0925	6	1	54643		BLUE CREEK OVERLOOK PARKING	ADJACENT TO ROUTE 0015 (ROSS MAXWELL SCENIC DRIVE) AT MP 8.11			YES	PUBLIC	6,090	AS	3
0926ZZ	6	1	54644		SOTOL VISTA OVERLOOK PARKING	ADJACENT TO ROUTE 0112 (SOTOL VISTA OVERLOOK ROAD) AT END OF LOOP			YES	PUBLIC	5,518	AS	3
0927	6	1	54646		BURRO MESA POUROFF PARKING	ADJACENT TO ROUTE 0113 (BURRO MESA POUROFF ROAD) AT END OF LOOP			YES	PUBLIC	5,349	AS	3
0928	6	1	54647		CHIMNEY TRAILS PARKING	ADJACENT TO ROUTE 0015 (ROSS MAXWELL SCENIC DRIVE) AT MP 12.75			YES	PUBLIC	4,719	AS	4
0929	6	1	54649		GOAT MOUNTAIN PARKING	ADJACENT TO ROUTE 0015 (ROSS MAXWELL SCENIC DRIVE) AT MP 14.82			YES	PUBLIC	4,499	AS	4
0930	6	1	54651		MULE EARS OVERLOOK PARKING	ADJACENT TO ROUTE 0114 (MULE EARS OVERLOOK ROAD) AT END OF LOOP			YES	PUBLIC	6,448	AS	4
0931	6	1	54652		TUFF CANYON OVERLOOK PARKING	ADJACENT TO ROUTE 0015 (ROSS MAXWELL SCENIC DRIVE) AT MP 19.84			YES	PUBLIC	4,523	AS	4
0932	6	1	54654		CASTOLON MAINTENANCE PARKING	FROM END OF ROUTE 0426 (MESA DRIVE)	TO PARKING		NO	NONPUBLIC	15,953	AS	4
0933	6	1	54655		DESERT MOUNTAIN OVERLOOK PARKING	ADJACENT TO ROUTE 0016 (SANTA ELENA CANYON ROAD) AT MP 1.09			YES	PUBLIC	2,493	AS	4
0934	6	1	54669		SANTA ELENA CANYON RIVER ACCESS PARKING	FROM ROUTE 0016 (SANTA ELENA CANYON ROAD) AT MP 5.72	TO PARKING		YES	PUBLIC	40,891	AS	4
0935	6	1	54670		SANTA ELENA CANYON OVERLOOK PARKING	FROM ROUTE 0016 (SANTA ELENA CANYON ROAD) AT MP 6.82	TO PARKING		YES	PUBLIC	27,753	AS	4
0936	6	1	54672		SANTA ELENA CANYON PICNIC AREA	ADJACENT TO ROUTE 0016 (SANTA ELENA CANYON ROAD) AT END OF LOOP			YES	PUBLIC	7,849	AS	4

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0937	6	1	53154		ESCUELA VISTA PARKING LOT	FROM END OF ROUTE 0443 (ESCUELA ROAD)	TO PARKING		NO	NONPUBLIC	5,310	AS	2A
0938	6	1	53073		EMPLOYEE PARKING LOT - HQ BUILDING #310	FROM ROUTE 0428 (ALSATE AVENUE)	TO ROUTE 0428 (ALSATE AVENUE)		NO	NONPUBLIC	12,079	AS	2A
0939	6	1	53159		MAINTENANCE AREA PARKING LOT	FROM END OF ROUTE 0428 (ALSATE AVENUE)	TO PARKING		NO	NONPUBLIC	29,767	AS	2A
1000	6	1	54674		ANIMAL HIGHWAYS INTERPRETIVE PULLOFF	FROM ROUTE 0014 (CHISOS BASIN ROAD) AT MP 0.16	TO ROUTE 0014 (CHISOS BASIN ROAD) AT MP 0.21		YES	PUBLIC	8,674	AS	2
1001	6	1	54675		CHISOS MOUNTAIN INTERPRETIVE PULLOFF	ADJACENT TO ROUTE 0015 (ROSS MAXWELL SCENIC DRIVE) AT MP 2.00			YES	PUBLIC	4,416	AS	3
1002	6	1	54676		SAM NAIL INTERPRETIVE PULLOFF	ADJACENT TO ROUTE 0015 (ROSS MAXWELL SCENIC DRIVE) AT MP 3.33			YES	PUBLIC	3,019	AS	3
1003	6	1	54677		FINS OF FIRE INTERPRETIVE PULLOFF	ADJACENT TO ROUTE 0015 (ROSS MAXWELL SCENIC DRIVE) AT MP 4.15			YES	PUBLIC	3,667	AS	3
1004	6	1	54678		THE CAMEL EXPERIMENT INTERPRETIVE PULLOFF	ADJACENT TO ROUTE 0011 (NORTH ENTRANCE ROAD) AT MP 22.57			YES	PUBLIC	2,664	AS	1
1005	6	1	54679		INVISIBLE WILDLIFE INTERPRETIVE PULLOFF	ADJACENT TO ROUTE 0013 (WEST ENTRANCE ROAD) AT MP 6.47			YES	PUBLIC	1,756	AS	2
1006	6	1	54680		VERTICAL SCENERY PULLOFF	ADJACENT TO ROUTE 0013 (WEST ENTRANCE ROAD) AT MP 19.32			YES	PUBLIC	2,164	AS	3
1007	NC		54681		CHIHUAHUAN DESERT INTERPRETIVE PULLOFF	ADJACENT TO ROUTE 0012 (RIO GRANDE ROAD) AT MP 5.94			NO	PUBLIC	4,655	GR	
1008	6	1	54682		A DESERT GRAVE INTERPRETIVE PULLOFF	ADJACENT TO ROUTE 0011 (NORTH ENTRANCE ROAD) AT MP 3.91			YES	PUBLIC	1,164	AS	2
1009	6	1	54684		FLASH FLOOD INTERPRETIVE PULLOFF	ADJACENT TO ROUTE 0011 (NORTH ENTRANCE ROAD) AT MP 21.00			YES	PUBLIC	1,589	AS	1
1010	NC		54685		MOVE A MOUNTAIN INTERPRETIVE PULLOFF	ADJACENT TO ROUTE 0109 (BOQUILLAS CANYON ROAD) AT MP 3.45			NO	PUBLIC	1,602	GR	

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1011	NC		54686		BOQUILLAS CANYON INTERPRETIVE PULLOFF	ADJACENT TO ROUTE 0110 (BOQUILLAS CANYON OVERLOOK ROAD) AT END OF LOOP			NO	PUBLIC	5,490	GR	
1012	NC		54687		BOQUILLAS MEXICO INTERPRETIVE PULLOFF	ADJACENT TO ROUTE 0109 (BOQUILLAS CANYON ROAD) AT MP 2.40			NO	NONPUBLIC	12,968	GR	
1013	6	1	54689		BEAR & MOUNTAIN LION COUNTRY INTERPRETIVE PULLOFF	ADJACENT TO ROUTE 0014 (CHISOS BASIN ROAD) AT MP 2.23			YES	PUBLIC	2,064	AS	2
1014	6	1	54690		TREE ZONE INTERPRETIVE PULLOFF	ADJACENT TO ROUTE 0014 (CHISOS BASIN ROAD) AT MP 4.25			YES	PUBLIC	2,509	AS	2
1015	6	1	54691		FOSSIL BONE PARKING	FROM END OF ROUTE 0103 (FOSSIL BONE ROAD)	TO PARKING		YES	PUBLIC	11,929	AS	2
1016	NC		54692		CERRO VISTA COURT	ADJACENT TO ROUTE 0426 (MESA DRIVE) AT APARTMENTS			NO	NONPUBLIC	7,500	GR	
1017	NC		53146		BBNHA OFFICE PARKING LOT	FROM ROUTE 0428 (ALSATE AVENUE)	TO PARKING		NO	NONPUBLIC	333	GR	
1018	NC		53166		EMERGENCY SERVICES PARKING AREA	FROM ROUTE 0433 (TECOLOTE DRIVE)	TO PARKING		NO	NONPUBLIC	29,997	GR	
1020	6	1	236705		PJ SEWAGE TREATMENT PLANT PARKING	FROM END OF ROUTE 0444 (PJ SEWAGE TREATMENT PLANT ROAD)	TO PARKING		NO	NONPUBLIC	1,863	AS	2A
1021	NC		236700		CATTAIL FALLS PARKING AREA	FROM ROUTE 0419 (OAK SPRINGS ROAD)	TO PARKING		NO	PUBLIC	1,600	GR	
1022	6	1	53090		CHINO COURT PARKING	FROM ROUTE 0436 (NOLINA DRIVE) AT MP 0.06	TO PARKING		NO	NONPUBLIC	9,771	AS	2A
1023	6	1	53093		HOLLY LANE PARKING	FROM ROUTE 0436 (NOLINA DRIVE) AT MP 0.14	TO PARKING		NO	NONPUBLIC	10,580	AS	2A
1024	6	1	53092		DESERT WILLOW STREET PARKING	FROM ROUTE 0436 (NOLINA DRIVE) AT MP 0.21 ON RIGHT	TO PARKING		NO	NONPUBLIC	5,466	AS	2A

Report Date: 10/26/2017

Cycle 6 NPS / RIP Route ID Report

(Numerical By Summary Route and Subcomponent #)

Federal Lands Highway
Road Inventory Program

Shading Color Key

White = Paved Routes, DCV Driven

Grey = Paved Routes, DCV not Driven

Black = Non-NPS Routes

= Concession Route

Yellow = Unpaved Routes, DCV not Driven

Blue = Paved Parking Areas

Green = Unpaved Parking Areas

Red text denotes:
*Unpaved route data was obtained from the NPS and was not collected by the Road Inventory Program (RIP).

DCV = Data Collection Vehicle
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PKG = Parking Areas
NC = Not Collected

BIBE *Big Bend National Park*

PARKING AREA INVENTORY (1300 SERIES FMSS LOCATIONS)

Route No.	Cycle Collected	Iteration Collected	FMSS Number	Concession	Route Name	Route Description From	Route Description To	Maintenance District	FLTP	Access Level	Area (SQ FT)	Surf. Type	Area Map
1025	6	1	53097		MESQUITE STREET PARKING	FROM ROUTE 0436 (NOLINA DRIVE) AT MP 0.10	TO PARKING		NO	NONPUBLIC	3,917	AS	2A
1026ZZ	6	1	238380		GROUP CAMPSITE PARKING AREAS	ADJACENT TO ROUTE 0234 (BASIN GROUP CAMPGROUND ROAD)			YES	PUBLIC	1,910	AS	2B
1027	NC		238164		BOQUILLAS CROSSING PARKING LOT	FROM END OF ROUTE 0202 (BOQUILLAS CROSSING)	TO PARKING		NO	PUBLIC	6,572	GR	
1028	6	1	54547		BASIN RESIDENCE PARKING	FROM END OF ROUTE 0206 (LOWER BASIN CAMPGROUND ROAD) ON LEFT	TO PARKING		YES	PUBLIC	16,988	AS	2B
1029	6	1	53100		PAISANO PLACE PARKING	FROM ROUTE 0436 (NOLINA DRIVE) AT MP 0.21 ON LEFT	TO PARKING		YES	PUBLIC	14,229	AS	2A

Cycle 6 NPS / RIP Route ID Report

(Numerical By Summary Route and Subcomponent #)

Federal Lands Highway
Road Inventory Program

Shading Color Key

White = Paved Routes, DCV Driven	Grey = Paved Routes, DCV not Driven	Black = Non-NPS Routes
Yellow = Unpaved Routes, DCV not Driven	Blue = Paved Parking Areas	Green = Unpaved Parking Areas

= Concession Route

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MRP = Manually Rated Polygon
PKG = Parking Areas
NC = Not Collected

Cycle 6 Summary Totals for Big Bend National Park

Cycle 6 Route Totals

	NPS Maintained	Concessionaire Maintained	Park Totals
Paved Roads, Data Collection Vehicle Rated (Miles)	122.14	0.05	**122.19**
Paved Roads, Manually Rated Length (Miles)	0.19	0	**0.19**
Paved Roads, Manually Rated Area (Sq. Ft.)	0	0	**0**
Unpaved Roads (Miles)	216.47	0	**216.47**
Paved Parking (Sq. Ft.)	521,049	200,940	**721,989**
Unpaved Parking (Sq. Ft.)	106,717	0	**106,717**

Cycle 6 Lane Miles and Overall Pavement Condition

	Lanes Miles*	Pavement Condition Rating**
Data Collection Vehicle Routes	249.59	91
Manually Rated Roads	0.19	90
Parking Areas	12.43	82

* Equivalent Lane Miles are calculated by route using the following equations:
- DCV and MRLs = (PAVE_WIDTH x PAVED_MI) / 11 foot lane
- MRPs and PKGs = SQ_FEET / 5280 / 11 foot lane

**Parking and Manually Rated Routes are assigned the following PCR values based on the type of observed distresses:
-Excellent = 97 -Good = 90 -Fair = 73
-Poor = 53, 30, or 0 -Construction / Not Rated = -1

Report Date: 10/26/2017

Cycle 6 NPS / RIP Route ID Report

(Numerical By Summary Route and Subcomponent #)

Federal Lands Highway
Road Inventory Program

Shading Color Key

White = Paved Routes, DCV Driven	Grey = Paved Routes, DCV not Driven	Black = Non-NPS Routes
Yellow = Unpaved Routes, DCV not Driven	Blue = Paved Parking Areas	Green = Unpaved Parking Areas

= Concession Route

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MRL = Manually Rated Line
MRP = Manually Rated Polygon
PKG = Parking Areas
NC = Not Collected

General Park Road Functional Classification (FC) Table

FC	Type	User Access	Description	Route Numbers
1	Principal Park Road Rural Parkway	Public	Roads which constitute the main access route, circulatory tour, or thoroughfare for park visitors. Rural Parkways (e.g. Natchez Trace) are numbered 0001 - 0009.	0001 - 0009 0010 - 0099
2	Connector Park Road	Public	Roads which provide access within a park to areas of scenic, scientific, recreational or cultural interest, such as overlooks, campgrounds, etc.	0100 - 0199
3	Special Purpose Park Road	Public	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.	0200 - 0299
4	Primitive Park Road	Public	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. Note: Functional Classes 3 and 4 have the same route numbers because, historically, they were numbered similarly.	0200 - 0299
5	Administrative Park Road	Public	All public roads intended for access to administrative developments or structures such as park offices, employee quarters, or utility areas.	0400 - 0499
6	Administrative Park Road (Restricted Access)	Nonpublic	All roads normally closed to the public, including patrol roads, truck trails, and other similar roads. 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.	0400 - 0499
7	Urban Parkway	Public	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.	0001 - 0009
8	City Street	Public	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.	0600 - 0699
N/A	Non-NPS Roads	Public	State, County, or City owned roads which border, traverse, or provide access to Park Facilities or Locations. Non-NPS roads are not assigned functional classes and are driven for GPS and Video Log only.	5000 - 5999

Surface Types
AS - Asphaltic Concrete Pavement
BR - Brick or Pavers Road Bed
CB - Cobble Stone Road Bed
CO - Portland Cement Concrete Pavement
GR - Gravel Road Bed
NV - Native or Dirt Material Road Bed
OT - Other Materials Road Bed

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

The historic route numbering system also included a 300 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.

Report Date: 10/23/2017

NPS / RIP Subcomponent Details for BIBE

(Numerical By Summary Route and Subcomponent #)

Federal Lands Highway
Road Inventory Program

Shading Color Key

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Black = Paved Routes, Non-NPS

= Concession Route

Yellow = Unpaved Routes, DCV not Driven

Blue = Paved Parking Areas

Green = Unpaved Parking Areas

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PKG = Parking Areas
NC = Not Collected

BIBE *Big Bend National Park*

SUMMARY ROUTE INVENTORY FOR ROADS (1100 SERIES FMSS LOCATIONS)

Route Number	FMSS Number	Cycle Collected	Iteration Collected	Concession	Route Name	Route Description From	Route Description To	FLTP	Paved Miles	Unpaved Miles	Total Mileage	Functional Class	Area (SQ FT)
0203ZZ	54492	6	1		RIO GRANDE VILLAGE CAMPGROUND ROADS	FROM ROUTE 0201 (RIO GRANDE VILLAGE ROAD)	THROUGH CAMPGROUND	YES	1.30	0.00	1.30	3	
0233ZZ	54515	6	1		CLASS A CAMPGROUND - CHISOS BASIN	FROM ROUTE 0206 (LOWER BASIN CAMPGROUND ROAD) AT MP 0.38	THROUGH CAMPGROUND	YES	0.70	0.00	0.70	3	
0405ZZ	54542	6	1		HUISACHE DRIVE	FROM ROUTE 0012 (RIO GRANDE ROAD) AT MP 19.63 ON LEFT	TO END OF LOOP	YES	0.51	0.00	0.51	5	

SUMMARY ROUTE INVENTORY FOR PARKING AREAS (1300 SERIES FMSS LOCATIONS)

Route Number	FMSS Number	Cycle Collected	Iteration Collected	Concession	Route Name	Route Description From	Route Description To	FLTP	User Access	Area (SQ FT)
0926ZZ	54644	6	1		SOTOL VISTA OVERLOOK PARKING	ADJACENT TO ROUTE 0112 (SOTOL VISTA OVERLOOK ROAD) AT END OF LOOP		YES	PUBLIC	5,518
1026ZZ	238380	6	1		GROUP CAMPSITE PARKING AREAS	ADJACENT TO ROUTE 0234 (BASIN GROUP CAMPGROUND ROAD)		YES	PUBLIC	1,910

NPS / RIP Subcomponent Details for BIBE

(Numerical By Summary Route and Subcomponent #)

Federal Lands Highway
Road Inventory Program

Shading Color Key

White = Paved Routes, DCV Driven
Grey = Paved Routes, DCV not Driven
Black = Paved Routes, Non-NPS
= Concession Route
Yellow = Unpaved Routes, DCV not Driven
Blue = Paved Parking Areas
Green = Unpaved Parking Areas

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PKG = Parking Areas
NC = Not Collected

BIBE *Big Bend National Park*

BIBE-0203ZZ Subcomponent Breakdown

Route Number	FMSS Number	Cycle Collected	Iteration Collected	Concession	Route Name	Route Description From	Route Description To	FLTP	Paved Miles	Unpaved Miles	Total Mileage	Functional Class	Area (SQ FT)
0203AZ	54492	6	1		RIO GRANDE VILLAGE CAMPGROUND LOOP A	FROM ROUTE 0201 (RIO GRANDE VILLAGE ROAD) AT MP 0.98	TO ROUTE 0203AZ (RIO GRANDE VILLAGE CAMPGROUND LOOP A) AT MP 0.02	YES	0.73	0.00	0.73	3	
0203BZ	54492	6	1		RIO GRANDE VILLAGE CAMPGROUND LOOP B	FROM ROUTE 0203AZ (RIO GRANDE VILLAGE CAMPGROUND LOOP A)	TO ROUTE 0203AZ (RIO GRANDE VILLAGE CAMPGROUND LOOP A)	YES	0.29	0.00	0.29	3	
0203CZ	54492	6	1		RIO GRANDE VILLAGE CAMPGROUND LOOP C	FROM ROUTE 0203AZ (RIO GRANDE VILLAGE CAMPGROUND LOOP A)	TO ROUTE 0203AZ (RIO GRANDE VILLAGE CAMPGROUND LOOP A)	YES	0.07	0.00	0.07	3	
0203DZ	54492	6	1		RIO GRANDE VILLAGE CAMPGROUND LOOP D	FROM ROUTE 0203AZ (RIO GRANDE VILLAGE CAMPGROUND LOOP A)	TO ROUTE 0203AZ (RIO GRANDE VILLAGE CAMPGROUND LOOP A)	YES	0.08	0.00	0.08	3	
0203EZ	54492	6	1		RIO GRANDE VILLAGE CAMPGROUND LOOP E	FROM ROUTE 0203AZ (RIO GRANDE VILLAGE CAMPGROUND LOOP A)	TO ROUTE 0203AZ (RIO GRANDE VILLAGE CAMPGROUND LOOP A)	YES	0.14	0.00	0.14	3	

BIBE-0233ZZ Subcomponent Breakdown

Route Number	FMSS Number	Cycle Collected	Iteration Collected	Concession	Route Name	Route Description From	Route Description To	FLTP	Paved Miles	Unpaved Miles	Total Mileage	Functional Class	Area (SQ FT)
0233AZ	54515	6	1		CLASS A CAMPGROUND - CHISOS BASIN LOOP A	FROM ROUTE 0233Z (CLASS A CAMPGROUND - CHISOS BASIN MAIN LOOP)	TO ROUTE 0233Z (CLASS A CAMPGROUND - CHISOS BASIN MAIN LOOP)	YES	0.20	0.00	0.20	3	
0233BZ	54515	6	1		CLASS A CAMPGROUND - CHISOS BASIN LOOP B	FROM ROUTE 0233Z (CLASS A CAMPGROUND - CHISOS BASIN MAIN LOOP)	TO ROUTE 0233Z (CLASS A CAMPGROUND - CHISOS BASIN MAIN LOOP)	YES	0.17	0.00	0.17	3	
0233Z	54515	6	1		CLASS A CAMPGROUND - CHISOS BASIN MAIN LOOP	FROM ROUTE 0206 (LOWER BASIN CAMPGROUND ROAD) AT MP 0.38	TO END OF LOOP	YES	0.34	0.00	0.34	3	

Report Date: 10/23/2017

NPS / RIP Subcomponent Details for BIBE

(Numerical By Summary Route and Subcomponent #)

Federal Lands Highway
Road Inventory Program

Shading Color Key

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Grey = Paved Routes, DCV not Driven

Black = Paved Routes, Non-NPS

= Concession Route

Yellow = Unpaved Routes, DCV not Driven

Blue = Paved Parking Areas

Green = Unpaved Parking Areas

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NC = Not Collected

BIBE *Big Bend National Park*

BIBE-0405ZZ Subcomponent Breakdown

Route Number	FMSS Number	Cycle Collected	Iteration Collected	Concession	Route Name	Route Description From	Route Description To	FLTP	Paved Miles	Unpaved Miles	Total Mileage	Functional Class	Area (SQ FT)
0405AZ	54542	6	1		HUISACHE DRIVE A	FROM ROUTE 0012 (RIO GRANDE ROAD) AT MP 19.63 ON LEFT	TO ROUTE 0405AZ (HUISACHE DRIVE A) AT 0.37 ON RIGHT	YES	0.45	0.00	0.45	5	
0405BZ	54542	6	1		HUISACHE DRIVE B	FROM ROUTE 0405AZ (HUISACHE DRIVE A) AT MP 0.33 ON LEFT	TO END AT CULDESAC	YES	0.06	0.00	0.06	5	

BIBE-0926ZZ Subcomponent Breakdown

Route Number	FMSS Number	Cycle Collected	Iteration Collected	Concession	Route Name	Route Description From	Route Description To	FLTP	User Access	Area (SQ FT)
0926AZ	54644	6	1		SOTOL VISTA OVERLOOK PARKING A	ADJACENT TO ROUTE 0112 (SOTOL VISTA OVERLOOK ROAD) AT END OF LOOP ON LEFT		YES	PUBLIC	1,663
0926BZ	54644	6	1		SOTOL VISTA OVERLOOK PARKING B	ADJACENT TO ROUTE 0112 (SOTOL VISTA OVERLOOK ROAD) AT END OF LOOP ON RIGHT		YES	PUBLIC	3,855

BIBE-1026ZZ Subcomponent Breakdown

Route Number	FMSS Number	Cycle Collected	Iteration Collected	Concession	Route Name	Route Description From	Route Description To	FLTP	User Access	Area (SQ FT)
1026AZ	238380	6	1		GROUP CAMPSITE PARKING A	ADJACENT TO ROUTE 0234 (BASIN GROUP CAMPGROUND ROAD)		YES	PUBLIC	756
1026BZ	238380	6	1		GROUP CAMPSITE PARKING B	ADJACENT TO ROUTE 0234 (BASIN GROUP CAMPGROUND ROAD)		YES	PUBLIC	1,154

Route Identification Changes to Paved Routes from Previous Cycle
Big Bend National Park

ROUTES ADDED FROM PREVIOUS INVENTORY:			
Route No.	**Route Name**	**Type of Change**	**Comments**
0405ZZ	HUISACHE DRIVE	OTHER	ROUTE 0405BZ (HUISACHE DRIVE B) ADDED DURING CYCLE 6.
1026ZZ	GROUP CAMPSITE PARKING AREAS	OTHER	ROUTE 1026AZ (GROUP CAMPSITE PARKING A) ADDED DURING CYCLE 6.

ROUTES MODIFIED FROM PREVIOUS INVENTORY:			
Route No.	**Route Name**	**Type of Change**	**Comments**
0433	TECOLOTE DRIVE	REALIGNED	ROUTE WAS REALIGNED AFTER CYCLE 4. UPDATED GIS COLLECTED IN CYCLE 6.
0900	VISITOR PARKING LOT - HQ BUILDING #310	OTHER	ROUTE NAME CHANGED FROM "PANTHER JUNCTION VISITOR CENTER PARKING" TO "VISITOR PARKING LOT - HQ BUILDING #310" TO ALIGN WITH FMSS.
0924	BASIN REMUDA PARKING	SQ FEET CHANGE	IMPROVED GPS AND SQUARE FOOTAGE COLLECTED IN CYCLE 6. EXTENDED END OF ROUTE 0206 TO PARKING AREA.
0932	CASTOLON MAINTENANCE PARKING	SQ FEET CHANGE	IMPROVED GPS AND SQUARE FOOTAGE COLLECTED IN CYCLE 6.
0933	DESERT MOUNTAIN OVERLOOK PARKING	SQ FEET CHANGE	IMPROVED GPS AND SQUARE FOOTAGE COLLECTED IN CYCLE 6.
0937	ESCUELA VISTA PARKING LOT	OTHER	ROUTE NAME CHANGED FROM "PANTHER JUNCTION SCHOOL PARKING" TO "ESCUELA VISTA PARKING LOT" TO ALIGN WITH FMSS. IMPROVED GPS AND SQUARE FOOTAGE COLLECTED IN CYCLE 6.
0938	EMPLOYEE PARKING LOT - HQ BUILDING #310	ROUTE NAME	ROUTE NAME CHANGED FROM "PANTHER JUNCTION HEADQUARTERS PARKING" TO "EMPLOYEE PARKING LOT - HQ BUILDING #310" TO ALIGN WITH FMSS.
1005	INVISIBLE WILDLIFE INTERPRETIVE PULLOFF	SQ FEET CHANGE	IMPROVED GPS AND SQUARE FOOTAGE COLLECTED IN CYCLE 6.
1009	FLASH FLOOD INTERPRETIVE PULLOFF	SQ FEET CHANGE	IMPROVED GPS AND SQUARE FOOTAGE COLLECTED IN CYCLE 6.

Section 3
Park Summary Information

Big Bend National Park

Federal Lands Highway
Road Inventory Program

Parkwide Paved Route Condition Summary
Big Bend National Park

Table 1: Paved Route Miles and Parking Area Square Footages by Access Level and PCR

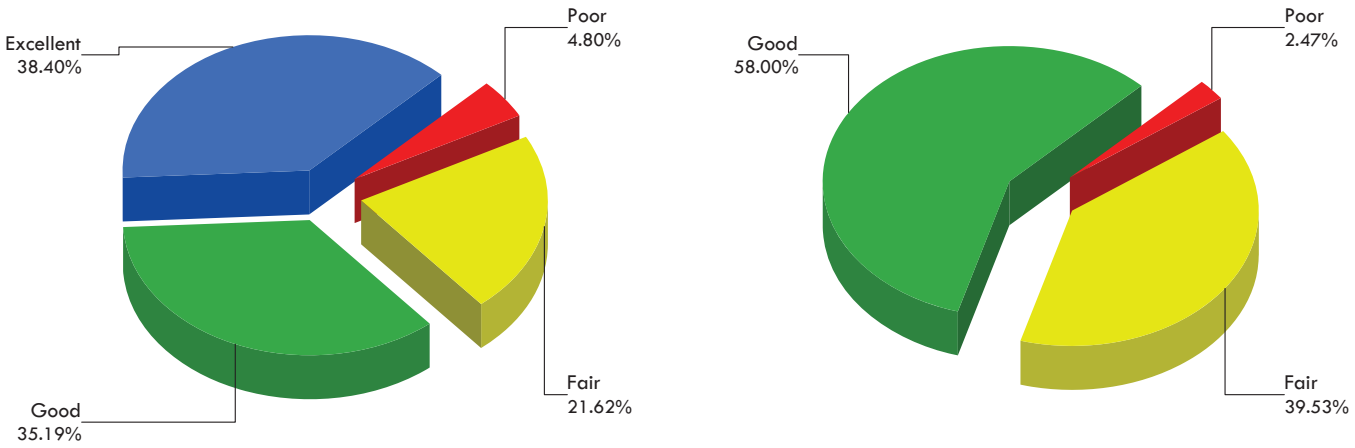
Breakdown of Pavement Condition Rating (PCR) Based on Access Level

	POOR (PCR of 0 - 60)	FAIR (PCR of 61 - 84)	GOOD (PCR of 85 - 94)	EXCELLENT (PCR of 95 -100)	
PAVED ROADS					
Functional Class	**Length (miles)**	**Length (miles)**	**Length (miles)**	**Length (miles)**	**Total Mileage by FC**
1	2.42	20.58	39.91	44.06	106.97
2	1.08	3.31	1.32	2.21	7.92
3	0.55	1.96	0.86	0.44	3.81
4					
5	1.82	0.61	0.98	0.28	3.69
6					
7					
8					
Total Mileage by PCR	**5.87**	**26.45**	**43.07**	**46.99**	**122.38**
PAVED PARKING					
Access Level	**Area (sq. ft.)**	**Area (sq. ft.)**	**Area (sq. ft.)**	**Area (sq. ft.)**	**Total Area**
PUBLIC		217,720	386,102		603,822
NONPUBLIC	17,816	67,663	32,688		118,167
Total Area by PCR	**17,816**	**285,383**	**418,790**	**0**	**721,989**

NOTES:

1. Data are reported in the table only for paved roads and parking lots that received a condition rating.
2. Non-linear roads (MRP collected routes) are measured by area and converted to equivalent route miles based on a 22-ft pavement width in order to be included in the mileage totals for paved roads shown above.
3. Quantities in the table above are derived from the route condition data within the PMS_20, PMS_MRL, PMS_MRP, and PMS_PKG tables in the Park geodatabase.

Parkwide Condition Percentages



Road Condition Percentages **Parking Area Condition Percentages**

Figure 1: Pavement Condition Rating Breakdown for Paved Roads and Parking Areas

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

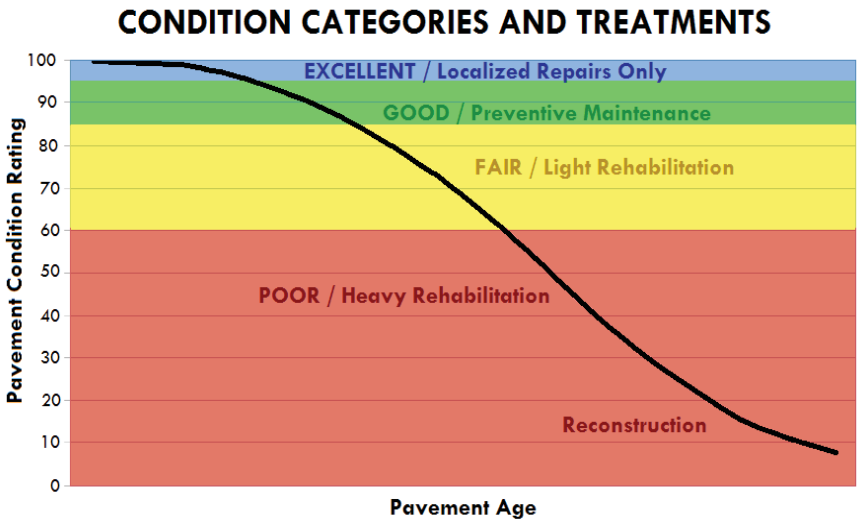
The Road Inventory Program aims to provide assistance in translating the excellent / good / fair / poor rating categories into pavement needs categories. The PCR can be used to indicate the place in the Pavement Life Cycle and the type of treatments that should be considered now and into the future.

- Excellent / New: PCR of 95-100
  - Pavements in this range will require only spot repairs

- Good: PCR of 85-94
  - Pavements in this range will likely be candidates for Preventive Maintenance. Examples include Chip and Slurry Seals, Micro Surfacing and Thin Overlays.

- Fair: PCR of 61-84
  - Pavements in this range will likely be candidates of Light Rehabilitation (L3R). Examples include singlelift overlays up to 2.5 inches in total thickness, milling and overlays.

- Poor: PCR of 0-60
  - Pavements in this range will likely be candidates of Heavy Rehabilitation or Reconstruction (H3R or 4R). Examples include Pulverization, Multiple Lift Overlays, and Reconstruction.



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

Federal Lands Highway
Road Inventory Program

Cycle 6 - Road Inventory Program
Road Condition Summary Report for Data Collection Vehicle (DCV) Rated Roads
Big Bend National Park

Condition (Rating / Index) Legend

- EXCELLENT (95 - 100)
- GOOD (85 - 94)
- FAIR (61 - 84)
- POOR (0 - 60)
- NR = NOT RATED

Notes:

- This condition summary report contains only the roads rated with the Data Collection Vehicle (DCV).
- Condition on roads that were manually rated and parking areas are shown in separate reports.
- Additional details on individual road ratings can be found in Section 5 of the Cycle 6 RIP Report.
- Refer to the RIP Report Appendix for an explanation of the rating system and rating methods.

Route-Level Condition for Roads Rated with the Data Collection Vehicle (DCV)

Route No.	FMSS No.	Route Name	Functional Class	Surf. Type	Paved Length (Miles)	Pavement Condition Rating (PCR)	Roughness Condition Index (RCI)	Surface Condition Rating (SCR)	Structural Crack Index	Alligator Crack Index	Longitudinal Cracking Index	Transverse Cracking Index	Patch / Pothole Index	Rutting Index
BIBE-0011	53230	NORTH ENTRANCE ROAD	1	AS	27.46	88	92	85	92	100	92	85	100	98
BIBE-0012	53231	RIO GRANDE ROAD	1	AS	20.31	97	100	95	95	100	95	97	100	98
BIBE-0013	53232	WEST ENTRANCE ROAD	1	AS	21.91	93	100	88	97	100	97	88	100	99
BIBE-0014	53233	CHISOS BASIN ROAD	1	AS	6.34	88	98	82	82	100	82	88	100	98
BIBE-0015	53234	ROSS MAXWELL SCENIC DRIVE	1	AS	23.25	96	99	94	98	100	98	94	100	100
BIBE-0016	53235	SANTA ELENA CANYON ROAD	1	AS	7.70	93	88	96	98	100	98	96	100	98
BIBE-0103	54475	FOSSIL BONE ROAD	2	AS	0.23	83	NR	83	84	100	84	83	100	98
BIBE-0109	54480	BOQUILLAS CANYON ROAD	2	AS	3.61	68	59	74	81	100	81	74	100	89
BIBE-0110	54481	BOQUILLAS CANYON OVERLOOK ROAD	2	AS	0.57	73	49	89	90	100	90	89	99	92
BIBE-0112	54483	SOTOL VISTA OVERLOOK ROAD	2	AS	0.41	98	NR	98	100	100	100	100	100	98
BIBE-0113	54484	BURRO MESA POUROFF ROAD	2	AS	1.86	98	100	96	100	100	100	96	100	99
BIBE-0114	54486	MULE EARS OVERLOOK ROAD	2	AS	0.61	93	91	95	97	100	97	95	100	96
BIBE-0201	54490	RIO GRANDE VILLAGE ROAD	3	AS	1.41	77	60	88	90	100	90	88	97	94
BIBE-0203AZ	54492	RIO GRANDE VILLAGE CAMPGROUND LOOP A	3	AS	0.73	82	NR	82	89	100	89	82	98	87
BIBE-0203BZ	54492	RIO GRANDE VILLAGE CAMPGROUND LOOP B	3	AS	0.29	78	NR	78	89	100	89	78	98	86
BIBE-0203CZ	54492	RIO GRANDE VILLAGE CAMPGROUND LOOP C	3	AS	0.07	75	NR	75	93	100	93	82	100	75
BIBE-0203DZ	54492	RIO GRANDE VILLAGE CAMPGROUND LOOP D	3	AS	0.08	79	NR	79	84	97	87	79	98	86
BIBE-0203EZ	54492	RIO GRANDE VILLAGE CAMPGROUND LOOP E	3	AS	0.14	82	NR	82	89	100	89	82	100	87
BIBE-0206	54495	LOWER BASIN CAMPGROUND ROAD	2	AS	0.63	82	NR	82	92	100	92	82	100	98

Data Collection Date: 03/2017

Federal Lands Highway
Road Inventory Program

Cycle 6 - Road Inventory Program
Road Condition Summary Report for Data Collection Vehicle (DCV) Rated Roads
Big Bend National Park

Condition (Rating / Index) Legend

- EXCELLENT (95 - 100)
- GOOD (85 - 94)
- FAIR (61 - 84)
- POOR (0 - 60)
- NR = NOT RATED

Notes:

- This condition summary report contains only the roads rated with the Data Collection Vehicle (DCV).
- Condition on roads that were manually rated and parking areas are shown in separate reports.
- Additional details on individual road ratings can be found in Section 5 of the Cycle 6 RIP Report.
- Refer to the RIP Report Appendix for an explanation of the rating system and rating methods.

Route-Level Condition for Roads Rated with the Data Collection Vehicle (DCV)

Route No.	FMSS No.	Route Name	Functional Class	Surf. Type	Paved Length (Miles)	Pavement Condition Rating (PCR)	Roughness Condition Index (RCI)	Surface Condition Rating (SCR)	Structural Crack Index	Alligator Crack Index	Longitudinal Cracking Index	Transverse Cracking Index	Patch / Pothole Index	Rutting Index
BIBE-0233AZ	54515	CLASS A CAMPGROUND - CHISOS BASIN LOOP A	3	AS	0.20	93	NR	93	97	99	98	98	100	93
BIBE-0233BZ	54515	CLASS A CAMPGROUND - CHISOS BASIN LOOP B	3	AS	0.17	90	NR	90	98	100	98	98	98	90
BIBE-0233Z	54515	CLASS A CAMPGROUND - CHISOS BASIN MAIN LOOP	3	AS	0.34	96	NR	96	97	100	97	97	100	96
BIBE-0234	54516	BASIN GROUP CAMPGROUND	3	AS	0.40	51	NR	51	51	99	52	54	100	93
BIBE-0405AZ	54542	HUISACHE DRIVE A	5	AS	0.45	42	NR	42	46	98	48	42	99	94
BIBE-0405BZ	54542	HUISACHE DRIVE B	5	AS	0.06	56	NR	56	56	85	71	95	100	88
BIBE-0418	54548	CHISOS BASIN RESIDENCE ROAD	5	AS	0.05	53	NR	53	53	100	53	69	99	88
BIBE-0426	54553	MESA DRIVE	5	AS	0.47	50	NR	50	79	100	79	50	100	97
BIBE-0427	54554	PALO VERDE DRIVE	5	AS	0.09	69	NR	69	92	100	92	69	100	96
BIBE-0428	53087	ALSATE AVENUE	5	AS	0.53	91	NR	91	91	100	91	96	100	91
BIBE-0429	53088	BOBCAT LOOP	5	AS	0.44	94	NR	94	95	100	95	94	99	94
BIBE-0430	53094	JAVELINA DRIVE	5	AS	0.13	46	NR	46	46	100	46	58	100	93
BIBE-0431	53102	QUAIL RUN ROAD	5	AS	0.02	23	NR	23	23	100	23	53	100	65
BIBE-0432	53091	CHUPAROSA ROAD	5	AS	0.02	0	NR	0	0	100	0	9	100	91
BIBE-0433	53103	TECOLOTE DRIVE	5	AS	0.35	0	NR	0	0	93	6	46	100	94
BIBE-0434	53096	LA JUNTA CIRCLE	5	AS	0.05	91	NR	91	93	100	93	99	100	91
BIBE-0435	53099	OCOTILLO LOOP	5	AS	0.13	84	NR	84	84	100	84	90	99	92
BIBE-0436	53098	NOLINA DRIVE	5	AS	0.36	0	NR	0	0	96	0	32	98	97
BIBE-0440	53101	PANTHER CANYON DRIVE	5	AS	0.18	53	NR	53	53	100	53	82	99	92

Data Collection Date: 03/2017

Federal Lands Highway
Road Inventory Program

Cycle 6 - Road Inventory Program
Road Condition Summary Report for
Data Collection Vehicle (DCV) Rated Roads

Big Bend National Park

Condition (Rating / Index) Legend

- EXCELLENT (95 - 100)
- GOOD (85 - 94)
- FAIR (61 - 84)
- POOR (0 - 60)
- NR = NOT RATED

Notes:

- This condition summary report contains only the roads rated with the Data Collection Vehicle (DCV).
- Condition on roads that were manually rated and parking areas are shown in separate reports.
- Additional details on individual road ratings can be found in Section 5 of the Cycle 6 RIP Report.
- Refer to the RIP Report Appendix for an explanation of the rating system and rating methods.

Route-Level Condition for Roads Rated with the Data Collection Vehicle (DCV)

Route No.	FMSS No.	Route Name	Functional Class	Surf. Type	Paved Length (Miles)	Pavement Condition Rating (PCR)	Roughness Condition Index (RCI)	Surface Condition Rating (SCR)	Structural Crack Index	Alligator Crack Index	Longitudinal Cracking Index	Transverse Cracking Index	Patch / Pothole Index	Rutting Index
BIBE-0443	90989	ESCUELA ROAD	5	AS	0.06	63	NR	63	63	100	63	70	100	95
BIBE-0444	54556	PJ SEWAGE TREATMENT PLANT ROAD	5	AS	0.12	73	NR	73	73	100	73	82	100	89

Data Collection Date: 03/2017

Federal Lands Highway
Road Inventory Program

Cycle 6 - Road Inventory Program
Road Condition Summary Report for Manually Rated Roads

Big Bend National Park

Condition (Rating / Index) Legend

- EXCELLENT (95 - 100)
- GOOD (85 - 94)
- FAIR (61 - 84)
- POOR (0 - 60)
- NR = NOT RATED

Notes:

- This condition summary report contains only the roads that were manually rated.
  - MRL = Manually Rated Line (a linear road)
  - MRP = Manually Rated Polygon (a non-linear road)
- Condition on roads that were rated with the Data Collection Vehicle (DCV) are shown in a separate report.
- A road is manually rated when it is determined to be unsuitable for the DCV to drive.
- Additional details on individual road ratings can be found in Section 5 of the Cycle 6 RIP Report.
- Refer to the RIP Report Appendix for an explanation of the rating system and rating methods.

Route-Level Condition for Manually Rated Line (MRL) Roads

Route No.	FMSS No.	Route Name	Functional Class	Surf. Type	Paved Length (Miles)	Pavement Condition Rating (PCR)	Roughness Condition Index (RCI)	Surface Condition Rating (SCR)	Structural Crack Index	Alligator Crack Index	Longitudinal Cracking Index	Transverse Cracking Index	Patch / Pothole Index	Rutting Index
BIBE-0416	54546	LOWER BASIN LAGOON ROAD	5	AS	0.19	90	NR	90	NR	90	97	90	97	90

Data Collection Date: 02/2017

Federal Lands Highway
Road Inventory Program

Cycle 6 - Road Inventory Program

Parking Area Condition Summary Report

Big Bend National Park

Condition (Rating / Index) Legend

- EXCELLENT (97)
- GOOD (90)
- FAIR (73)
- POOR* (0, 30, 53)
- NR = NOT RATED

Notes:

- A PCR of 0 indicates a paved parking area in very poor condition. Individual distresses could not be identified.
- Additional details on individual parking areas can be found in Section 6 of the Cycle 6 RIP Report.
- Refer to the RIP Report Appendix for an explanation of the rating system and rating methods.

Condition Rating Details for Parking Areas

Route No.	FMSS No.	Route Name	User Access	Surf. Type	Area (Sq. Ft.)	Pavement Condition Rating (PCR)	Asphalt Surface Distresses: Alligator Cracking	Asphalt Surface Distresses: Longitudinal / Tranverse Cracking	Asphalt Surface Distresses: Rutting / Distortions	Asphalt Surface Distresses: Potholes / Patching	Asphalt Surface Distresses: HMA Patching	Asphalt Surface Distresses: Surface Raveling / Bleeding	Concrete Surface Distresses: Joint Faulting	Concrete Surface Distresses: Slab Cracking	Concrete Surface Distresses: Joint Distresses	Concrete Surface Distresses: Delamination / Pop-Outs	Concrete Surface Distresses: Potholes / Patching
BIBE-0900	53078	VISITOR PARKING LOT - HQ BUILDING #310	PUBLIC	AS	21,698	73	73	90	90	97	97	90					
BIBE-0901	54604	PERSIMMON GAP VISITOR CENTER PARKING	PUBLIC	AS	11,322	90	90	90	97	97	97	90					
BIBE-0902	54606	RIO GRANDE OVERLOOK PARKING	PUBLIC	AS	14,962	90	90	90	90	97	97	97					
BIBE-0905	54609	BOQUILLAS CANYON TRAIL PARKING	PUBLIC	AS	14,953	90	90	90	90	90	97	90					
BIBE-0906	54610	RIO GRANDE VISITOR CENTER PARKING	PUBLIC	AS	39,178	73	73	90	90	97	97	90					
BIBE-0907	54612	RIO GRANDE DANIELS RANCH PICNIC AREA PARKING	PUBLIC	AS	7,377	73	73	90	90	97	97	90					
BIBE-0908	54613	RIO GRANDE TRAILER PARKING RV PARK	PUBLIC	AS	38,638	73	73	90	90	90	97	90					
BIBE-0909	54615	RIO GRANDE STORE PARKING	PUBLIC	AS	46,921	73	73	90	90	90	97	90					
BIBE-0910	54617	RIO GRANDE AMPHITHEATER PARKING	PUBLIC	AS	40,917	73	73	90	90	97	97	90					
BIBE-0912	90991	PANTHER JUNCTION GAS STATION PARKING LOT	PUBLIC	AS	10,438	90	90	90	97	90	97	90					
BIBE-0913	54620	BADLANDS PARKING AREA	PUBLIC	AS	7,563	90	97	90	97	97	97	97					
BIBE-0914	54622	MAVERICK INFORMATION KIOSK PARKING	PUBLIC	AS	6,472	90	97	90	97	97	97	97					
BIBE-0915	54623	WEST ENTRANCE CONTACT STATION PARKING	PUBLIC	AS	3,115	90	97	90	97	97	97	97					
BIBE-0917	54625	LOST MINE TRAIL PARKING	PUBLIC	AS	7,022	90	97	90	97	97	97	90					
BIBE-0918	54627	BASIN RANGER STATION PARKING	NONPUBLIC	AS	16,769	90	90	90	90	90	97	90					
BIBE-0919	54629	BASIN VISITORS CENTER PARKING	PUBLIC	AS	45,943	90	90	90	90	97	97	90					
BIBE-0920	54631	BASIN MOTEL PARKING	PUBLIC	AS	17,774	90	90	90	90	97	97	90					
BIBE-0921	54634	CHISOS MOUNTAIN LODGE PARKING	PUBLIC	AS	29,088	90	90	90	90	97	97	90					
BIBE-0922	54637	CHISOS COTTAGE PARKING	PUBLIC	AS	22,576	90	90	90	90	97	97	90					
BIBE-0923	54639	BASIN AMPHITHEATER PARKING	PUBLIC	AS	22,991	73	90	90	90	97	97	73					
BIBE-0924	54641	BASIN REMUDA PARKING	NONPUBLIC	AS	6,692	90	90	90	97	97	97	90					
BIBE-0925	54643	BLUE CREEK OVERLOOK PARKING	PUBLIC	AS	6,090	90	97	90	97	97	97	90					
BIBE-0926AZ	54644	SOTOL VISTA OVERLOOK PARKING A	PUBLIC	AS	1,663	90	97	90	97	97	97	90					
BIBE-0926BZ	54644	SOTOL VISTA OVERLOOK PARKING B	PUBLIC	AS	3,855	90	97	90	97	97	97	90					
BIBE-0927	54646	BURRO MESA POUROFF PARKING	PUBLIC	AS	5,349	90	97	90	97	97	97	90					
BIBE-0928	54647	CHIMNEY TRAILS PARKING	PUBLIC	AS	4,719	90	97	97	97	97	97	90					

Data Collection Date: 02/2017

Federal Lands Highway
Road Inventory Program

Cycle 6 - Road Inventory Program
Parking Area Condition Summary Report

Big Bend National Park

Condition (Rating / Index) Legend

- EXCELLENT (97)
- GOOD (90)
- FAIR (73)
- POOR* (0, 30, 53)
- NR = NOT RATED

Notes:

- A PCR of 0 indicates a paved parking area in very poor condition. Individual distresses could not be identified.
- Additional details on individual parking areas can be found in Section 6 of the Cycle 6 RIP Report.
- Refer to the RIP Report Appendix for an explanation of the rating system and rating methods.

Condition Rating Details for Parking Areas

Route No.	FMSS No.	Route Name	User Access	Surf. Type	Area (Sq. Ft.)	Pavement Condition Rating (PCR)	Asphalt Surface Distresses: Alligator Cracking	Asphalt Surface Distresses: Longitudinal / Tranverse Cracking	Asphalt Surface Distresses: Rutting / Distortions	Asphalt Surface Distresses: Potholes / Patching	Asphalt Surface Distresses: HMA Patching	Asphalt Surface Distresses: Surface Raveling / Bleeding	Concrete Surface Distresses: Joint Faulting	Concrete Surface Distresses: Slab Cracking	Concrete Surface Distresses: Joint Distresses	Concrete Surface Distresses: Delamination / Pop-Outs	Concrete Surface Distresses: Potholes / Patching
BIBE-0929	54649	GOAT MOUNTAIN PARKING	PUBLIC	AS	4,499	90	97	90	97	97	97	90					
BIBE-0930	54651	MULE EARS OVERLOOK PARKING	PUBLIC	AS	6,448	90	97	97	97	97	97	90					
BIBE-0931	54652	TUFF CANYON OVERLOOK PARKING	PUBLIC	AS	4,523	90	97	90	97	97	97	90					
BIBE-0932	54654	CASTOLON MAINTENANCE PARKING	NONPUBLIC	AS	15,953	53	90	53	90	97	97	90					
BIBE-0933	54655	DESERT MOUNTAIN OVERLOOK PARKING	PUBLIC	AS	2,493	90	97	97	97	97	97	90					
BIBE-0934	54669	SANTA ELENA CANYON RIVER ACCESS PARKING	PUBLIC	AS	40,891	90	90	90	90	97	97	97					
BIBE-0935	54670	SANTA ELENA CANYON OVERLOOK PARKING	PUBLIC	AS	27,753	90	97	90	97	97	97	97					
BIBE-0936	54672	SANTA ELENA CANYON PICNIC AREA	PUBLIC	AS	7,849	90	97	90	97	97	97	90					
BIBE-0937	53154	ESCUELA VISTA PARKING LOT	NONPUBLIC	AS	5,310	90	90	90	97	97	97	90					
BIBE-0938	53073	EMPLOYEE PARKING LOT - HQ BUILDING #310	NONPUBLIC	AS	12,079	73	73	90	90	97	97	90					
BIBE-0939	53159	MAINTENANCE AREA PARKING LOT	NONPUBLIC	AS	29,767	73	73	90	90	90	97	90					
BIBE-1000	54674	ANIMAL HIGHWAYS INTERPRETIVE PULLOFF	PUBLIC	AS	8,674	90	97	90	97	97	97	90					
BIBE-1001	54675	CHISOS MOUNTAIN INTERPRETIVE PULLOFF	PUBLIC	AS	4,416	90	97	90	97	97	97	90					
BIBE-1002	54676	SAM NAIL INTERPRETIVE PULLOFF	PUBLIC	AS	3,019	90	97	90	97	97	97	90					
BIBE-1003	54677	FINS OF FIRE INTERPRETIVE PULLOFF	PUBLIC	AS	3,667	90	97	90	97	97	97	90					
BIBE-1004	54678	THE CAMEL EXPERIMENT INTERPRETIVE PULLOFF	PUBLIC	AS	2,664	90	90	90	97	97	97	90					
BIBE-1005	54679	INVISIBLE WILDLIFE INTERPRETIVE PULLOFF	PUBLIC	AS	1,756	90	97	90	97	97	97	90					
BIBE-1006	54680	VERTICAL SCENERY PULLOFF	PUBLIC	AS	2,164	90	97	90	97	97	97	90					
BIBE-1008	54682	A DESERT GRAVE INTERPRETIVE PULLOFF	PUBLIC	AS	1,164	90	97	90	97	97	97	90					
BIBE-1009	54684	FLASH FLOOD INTERPRETIVE PULLOFF	PUBLIC	AS	1,589	90	97	90	97	97	97	90					
BIBE-1013	54689	BEAR & MOUNTAIN LION COUNTRY INTERPRETIVE PULLOFF	PUBLIC	AS	2,064	90	97	90	97	97	97	90					
BIBE-1014	54690	TREE ZONE INTERPRETIVE PULLOFF	PUBLIC	AS	2,509	90	97	90	90	97	97	90					
BIBE-1015	54691	FOSSIL BONE PARKING	PUBLIC	AS	11,929	90	97	90	90	97	97	90					
BIBE-1020	236705	PJ SEWAGE TREATMENT PLANT PARKING	NONPUBLIC	AS	1,863	53	53	53	90	73	97	73					
BIBE-1022	53090	CHINO COURT PARKING	NONPUBLIC	AS	9,771	73	73	90	90	90	97	90					
BIBE-1023	53093	HOLLY LANE PARKING	NONPUBLIC	AS	10,580	73	73	90	97	90	97	90					

Data Collection Date: 02/2017

Federal Lands Highway
Road Inventory Program

Cycle 6 - Road Inventory Program
Parking Area Condition Summary Report

Big Bend National Park

Condition (Rating / Index) Legend

- EXCELLENT (97)
- GOOD (90)
- FAIR (73)
- POOR* (0, 30, 53)
- NR = NOT RATED

Notes:

- A PCR of 0 indicates a paved parking area in very poor condition. Individual distresses could not be identified.
- Additional details on individual parking areas can be found in Section 6 of the Cycle 6 RIP Report.
- Refer to the RIP Report Appendix for an explanation of the rating system and rating methods.

Condition Rating Details for Parking Areas

Route No.	FMSS No.	Route Name	User Access	Surf. Type	Area (Sq. Ft.)	Pavement Condition Rating (PCR)	Asphalt Surface Distresses: Alligator Cracking	Asphalt Surface Distresses: Longitudinal / Tranverse Cracking	Asphalt Surface Distresses: Rutting / Distortions	Asphalt Surface Distresses: Potholes / Patching	Asphalt Surface Distresses: HMA Patching	Asphalt Surface Distresses: Surface Raveling / Bleeding	Concrete Surface Distresses: Joint Faulting	Concrete Surface Distresses: Slab Cracking	Concrete Surface Distresses: Joint Distresses	Concrete Surface Distresses: Delamination / Pop-Outs	Concrete Surface Distresses: Potholes / Patching
BIBE-1024	53092	DESERT WILLOW STREET PARKING	NONPUBLIC	AS	5,466	73	90	90	73	90	97	90					
BIBE-1025	53097	MESQUITE STREET PARKING	NONPUBLIC	AS	3,917	90	90	90	97	97	97	90					
BIBE-1026AZ	238380	GROUP CAMPSITE PARKING A	PUBLIC	AS	756	90	90	90	90	97	97	97					
BIBE-1026BZ	238380	GROUP CAMPSITE PARKING B	PUBLIC	AS	1,154	90	90	90	90	97	97	97					
BIBE-1028	54547	BASIN RESIDENCE PARKING	PUBLIC	AS	16,988	90	90	90	90	90	97	90					
BIBE-1029	53100	PAISANO PLACE PARKING	PUBLIC	AS	14,229	90	90	90	90	97	97	90					

Data Collection Date: 02/2017

Section 4
Park Route Location Maps

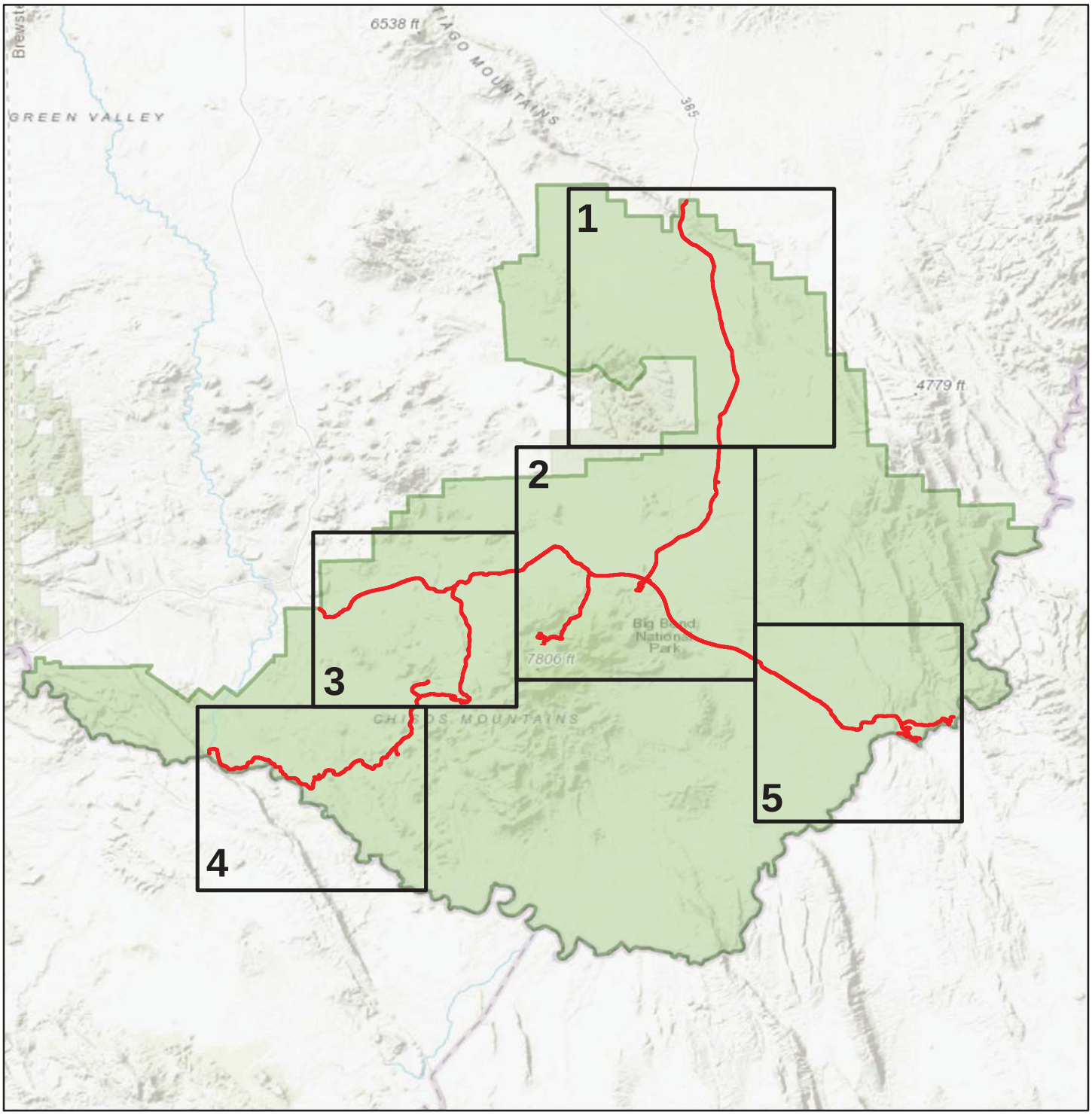
Big Bend National Park

Federal Lands Highway
Road Inventory Program

Big Bend National Park

ROUTE LOCATION MAP

Key Map



Sources: Esri, DeLorme, NAVTEQ, TomTom, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), swisstopo, and the GIS User Community

NPS Collected Routes

Miles

0 20 40

N

Big Bend National Park

ROUTE LOCATION MAP

Area Map 1

Sources: Esri, HERE, DeLorme, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), swisstopo, MapmyIndia, © OpenStreetMap contributors, and the GIS User Community

Note: Unique colors are used to differentiate roads

Miles

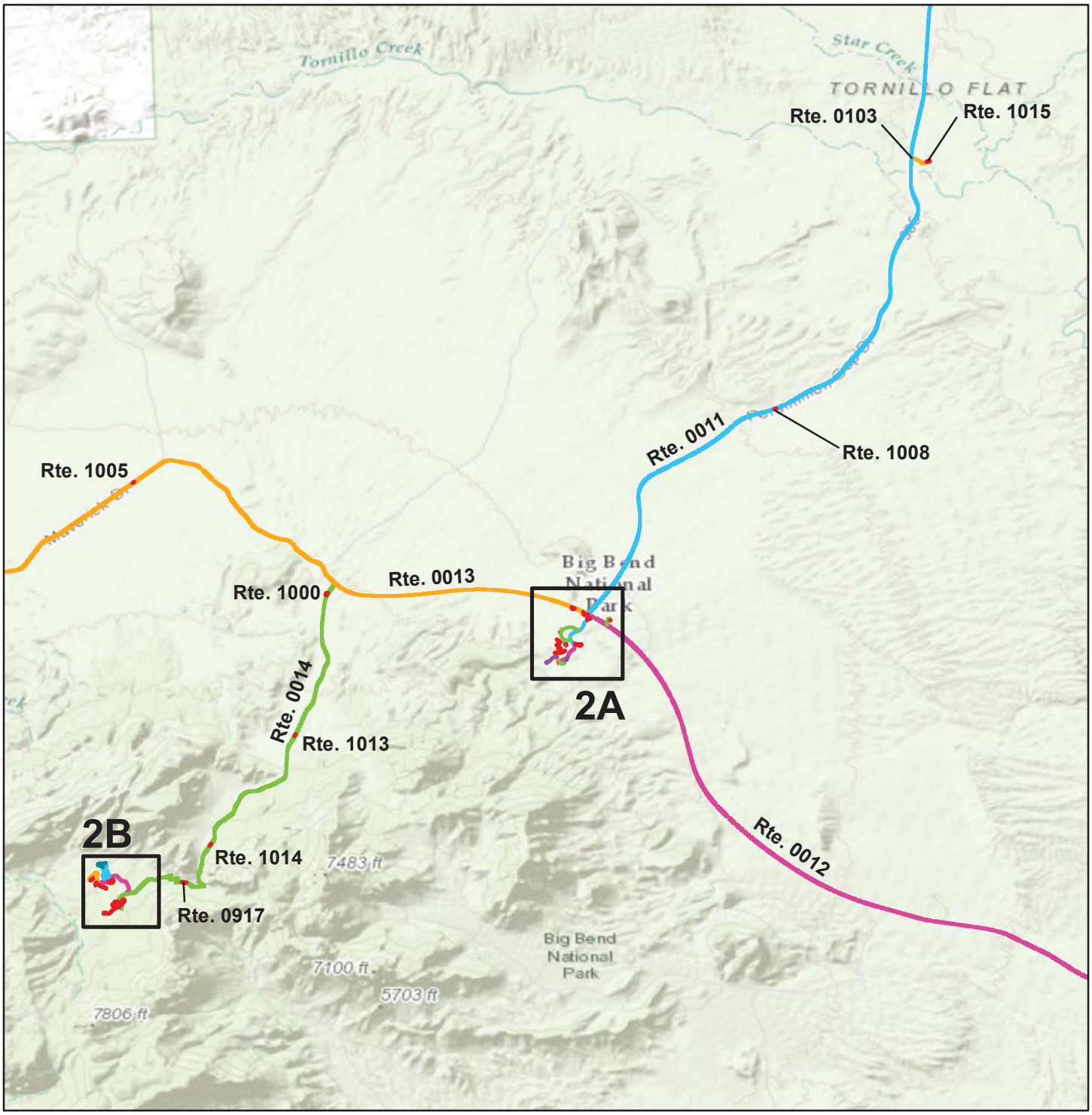
0 4 8

N

Big Bend National Park

ROUTE LOCATION MAP

Area Map 2



Sources: Esri, HERE, DeLorme, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), swisstopo, MapmyIndia, © OpenStreetMap contributors, and the GIS User Community

Note: Unique colors are used to differentiate roads

Miles

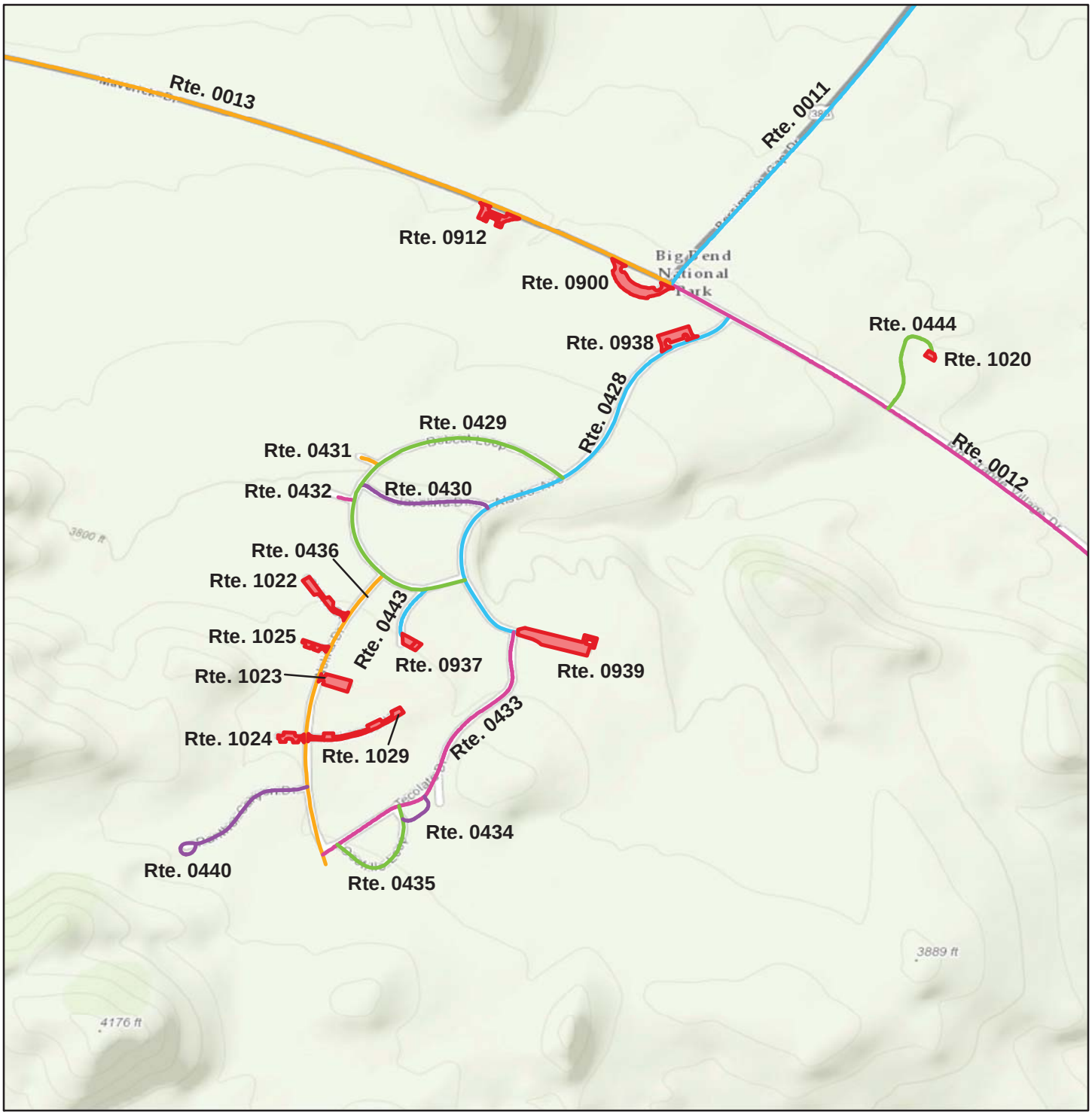
0 4 8

N

Big Bend National Park

ROUTE LOCATION MAP

Area Map 2A



Sources: Esri, DeLorme, NAVTEQ, TomTom, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), swisstopo, and the GIS User Community

Note: Unique colors are used to differentiate roads

Miles

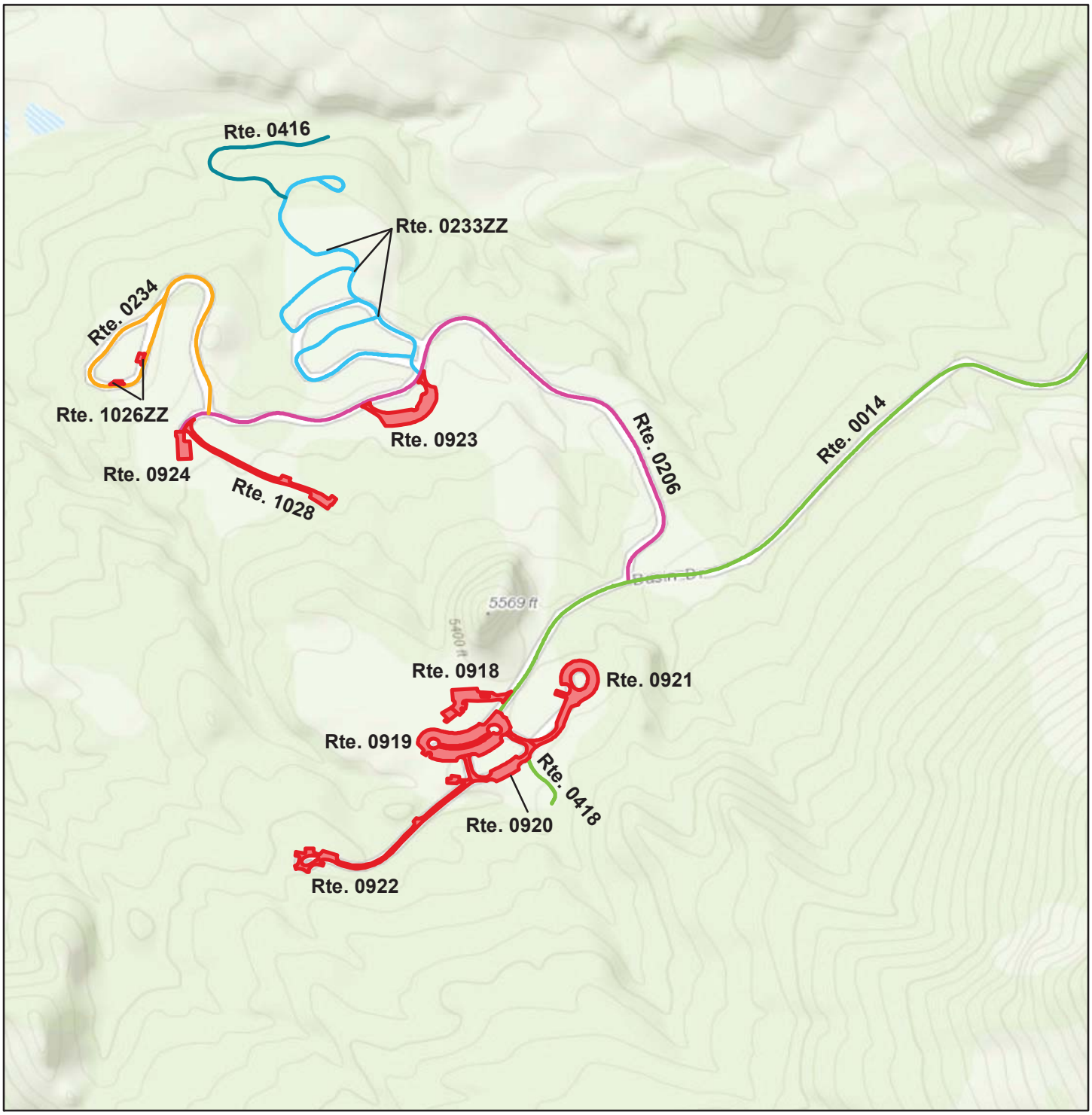
0 0.25 0.5

N

Big Bend National Park

ROUTE LOCATION MAP

Area Map 2B



Note: Unique colors are used to differentiate roads

Miles

0 0.25 0.5

N

Big Bend National Park

ROUTE LOCATION MAP

Area Map 3

Sources: Esri, HERE, DeLorme, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), swisstopo, MapmyIndia, © OpenStreetMap contributors, and the GIS User Community

Note: Unique colors are used to differentiate roads

Miles

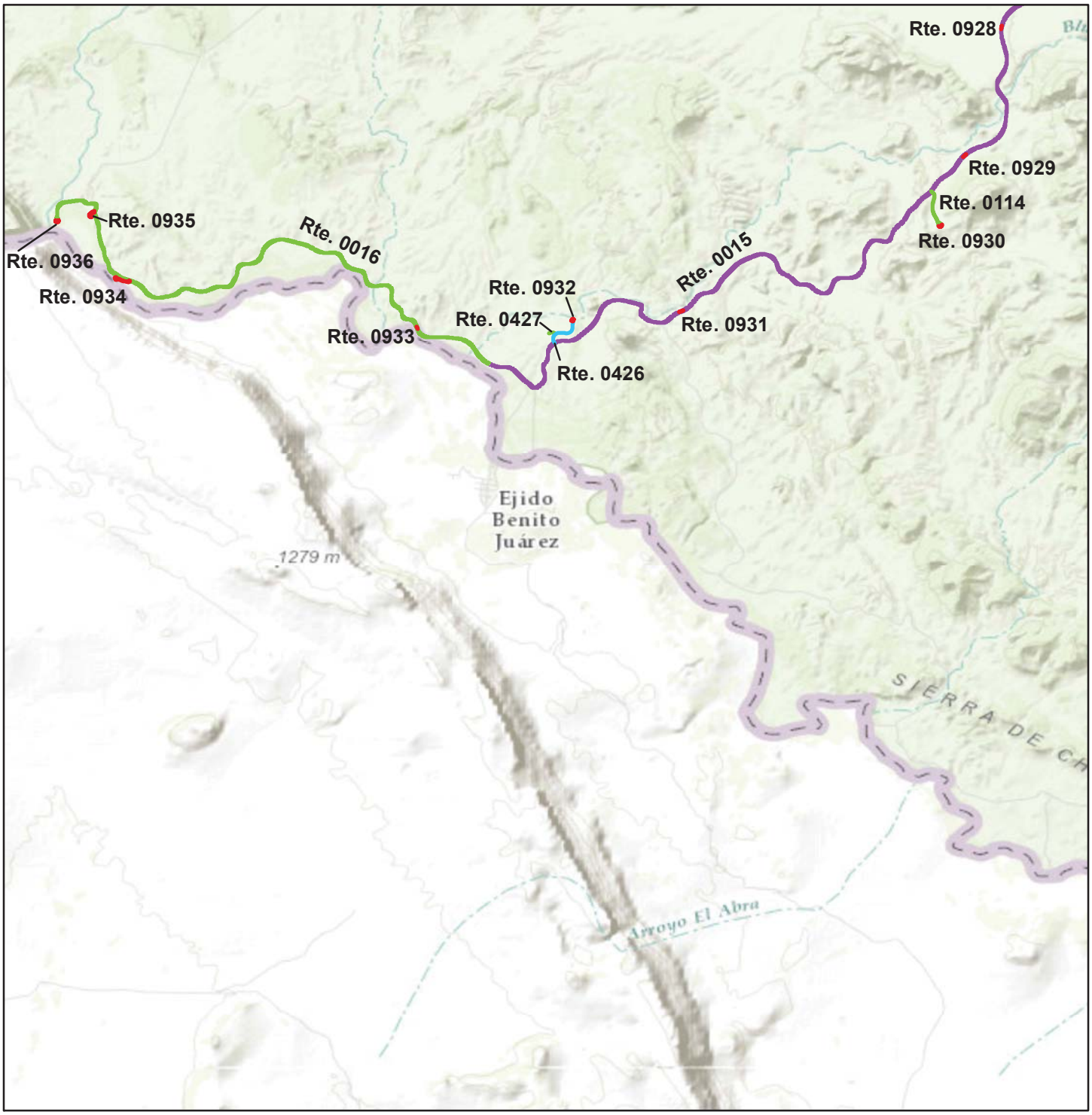
0 3 6

N

Big Bend National Park

ROUTE LOCATION MAP

Area Map 4



Note: Unique colors are used to differentiate roads

Miles

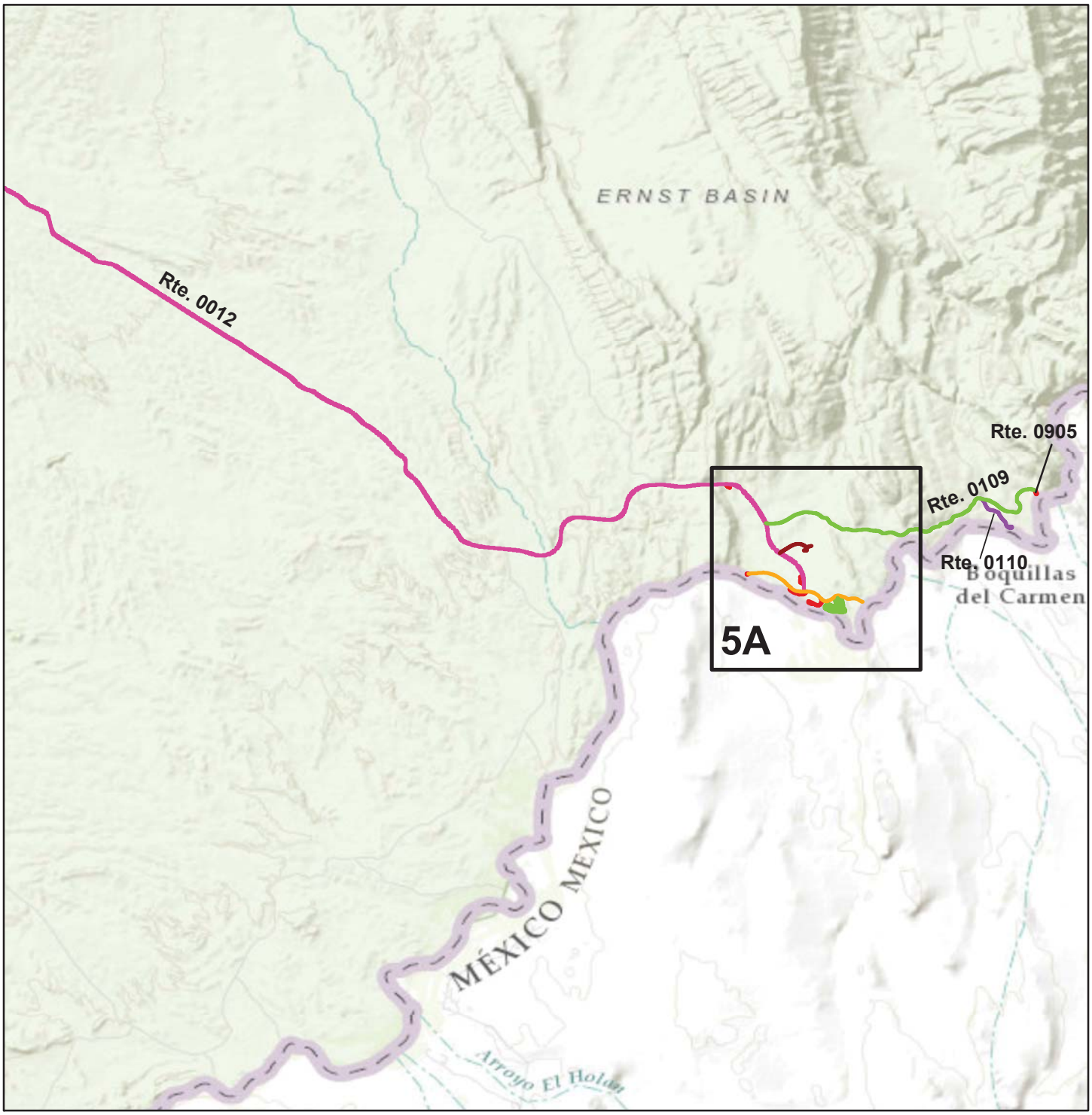
0 4 8

N

Big Bend National Park

ROUTE LOCATION MAP

Area Map 5



Note: Unique colors are used to differentiate roads

Miles

0 3 6

N

Big Bend National Park

ROUTE LOCATION MAP

Area Map 5A

Note: Unique colors are used to differentiate roads

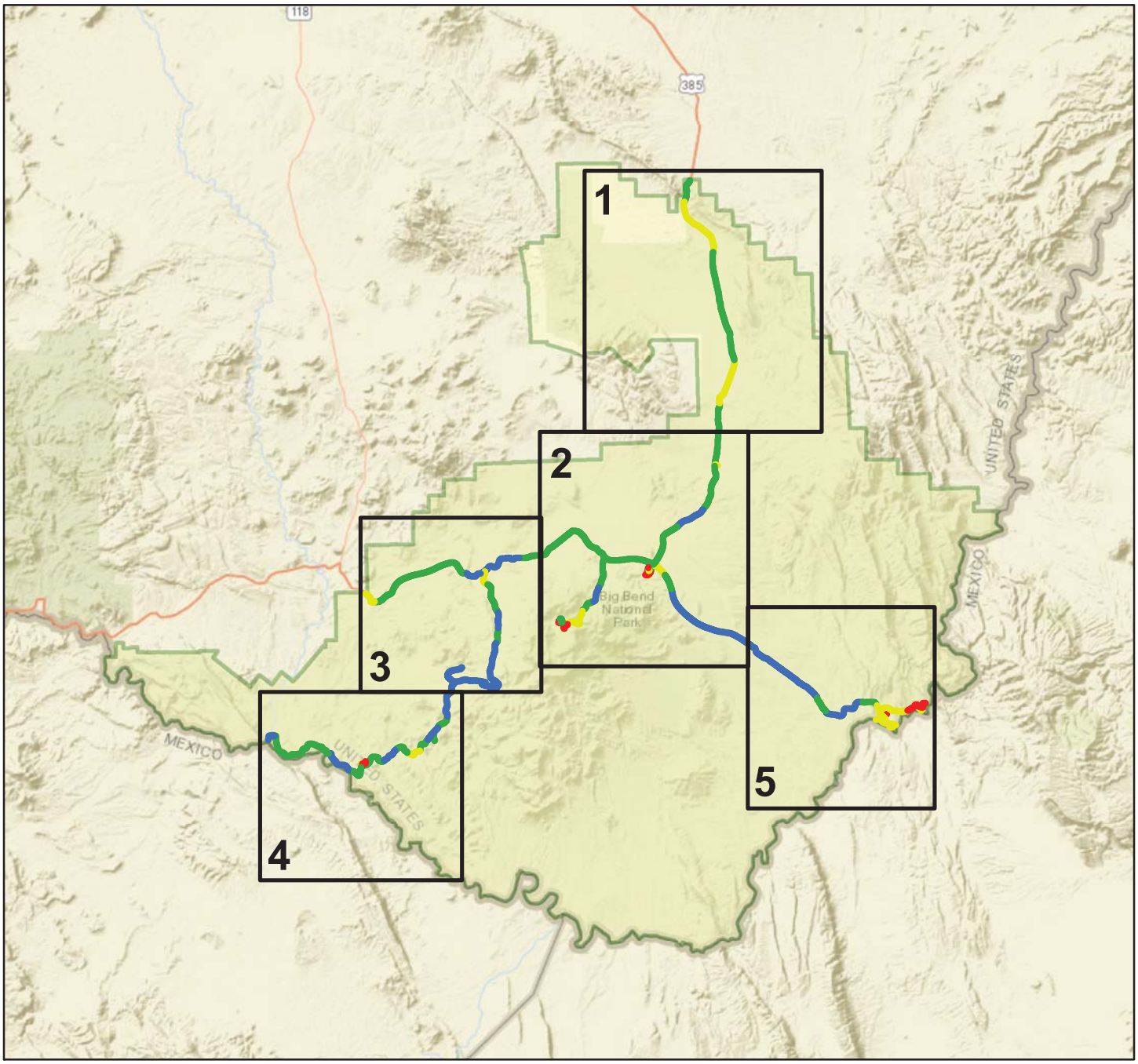
Miles

0 0.5 1

N

Big Bend National Park

ROUTE CONDITION MAP
PCR - MILE BY MILE
Key Map



Sources: Esri, HERE, DeLorme, USGS, Intermap, INCREMENT P, NRCan, Esri Japan, METI, Esri China (Hong Kong), Esri Korea, Esri (Thailand), MapmyIndia, NGCC, © OpenStreetMap contributors, and the GIS User Community

Route Condition Legend – Pavement Condition Rating (PCR)

Poor (0 - 60)	Fair (61- 84)	Good (85 - 94)	Excellent (95 - 100)	Not Rated

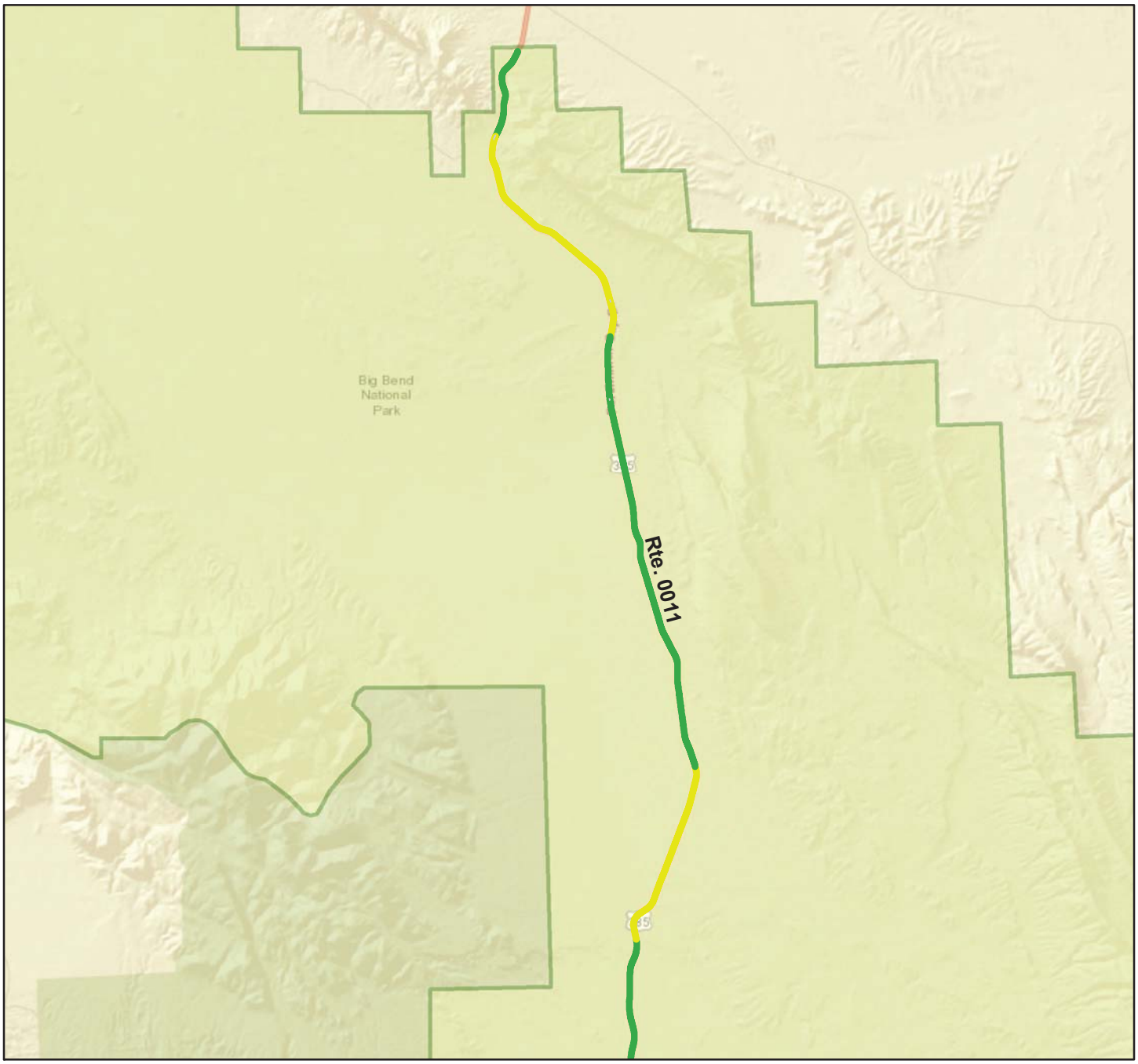
See Appendix for definitions and formulas
Only Data Collection Vehicle and Manually Rated Roads are displayed

Miles
0 20 40

N

Big Bend National Park

ROUTE CONDITION MAP
PCR - MILE BY MILE
Area Map 1



Route Condition Legend – Pavement Condition Rating (PCR)

Poor (0 - 60)	Fair (61- 84)	Good (85 - 94)	Excellent (95 - 100)	Not Rated

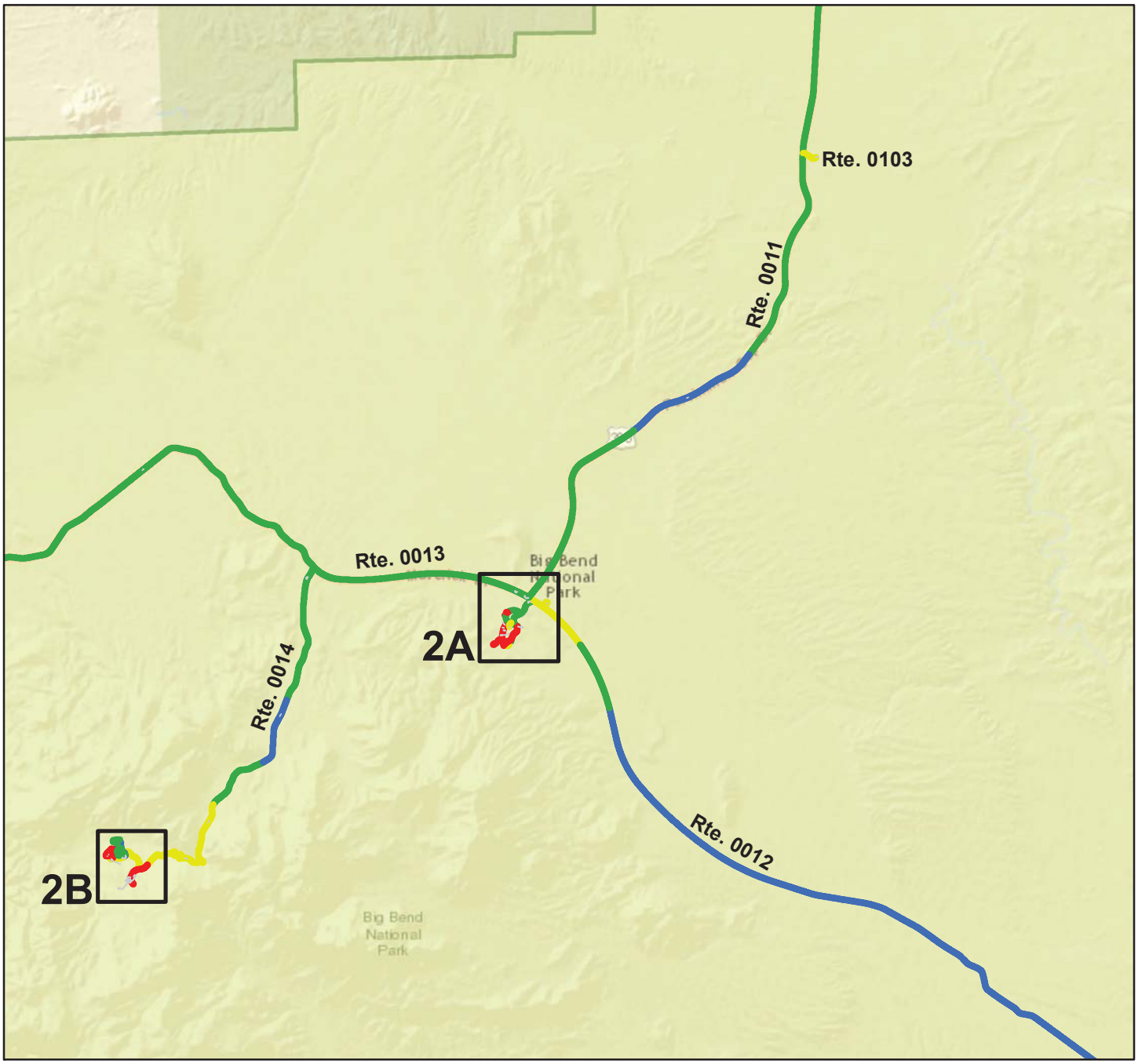
See Appendix for definitions and formulas
Only Data Collection Vehicle and Manually Rated Roads are displayed

Miles
0 4 8

N

Big Bend National Park

ROUTE CONDITION MAP
PCR - MILE BY MILE
Area Map 2



Sources: Esri, HERE, DeLorme, USGS, Intermap, INCREMENT P, NRCan, Esri Japan, METI, Esri China (Hong Kong), Esri Korea, Esri (Thailand), MapmyIndia, NGCC, © OpenStreetMap contributors, and the GIS User Community

Route Condition Legend – Pavement Condition Rating (PCR)

Poor (0 - 60)	Fair (61- 84)	Good (85 - 94)	Excellent (95 - 100)	Not Rated

See Appendix for definitions and formulas

Only Data Collection Vehicle and Manually Rated Roads are displayed

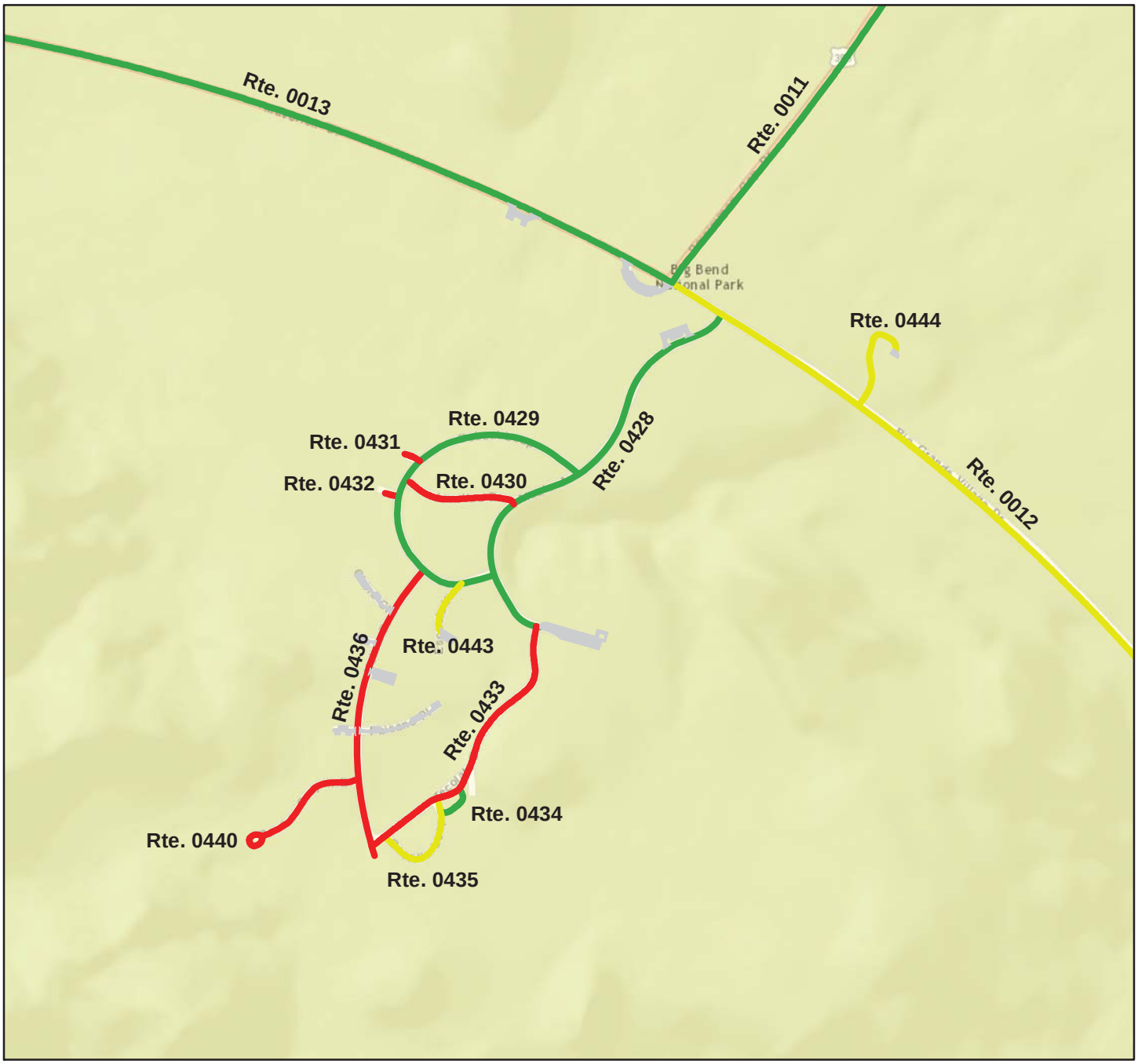
Miles

0 4 8

N

Big Bend National Park

ROUTE CONDITION MAP
PCR - MILE BY MILE
Area Map 2A



Sources: Esri, HERE, DeLorme, USGS, Intermap, INCREMENT P, NRCan, Esri Japan, METI, Esri China (Hong Kong), Esri Korea, Esri (Thailand), MapmyIndia, NGCC, © OpenStreetMap contributors, and the GIS User Community

Route Condition Legend – Pavement Condition Rating (PCR)

Poor (0 - 60)	Fair (61- 84)	Good (85 - 94)	Excellent (95 - 100)	Not Rated

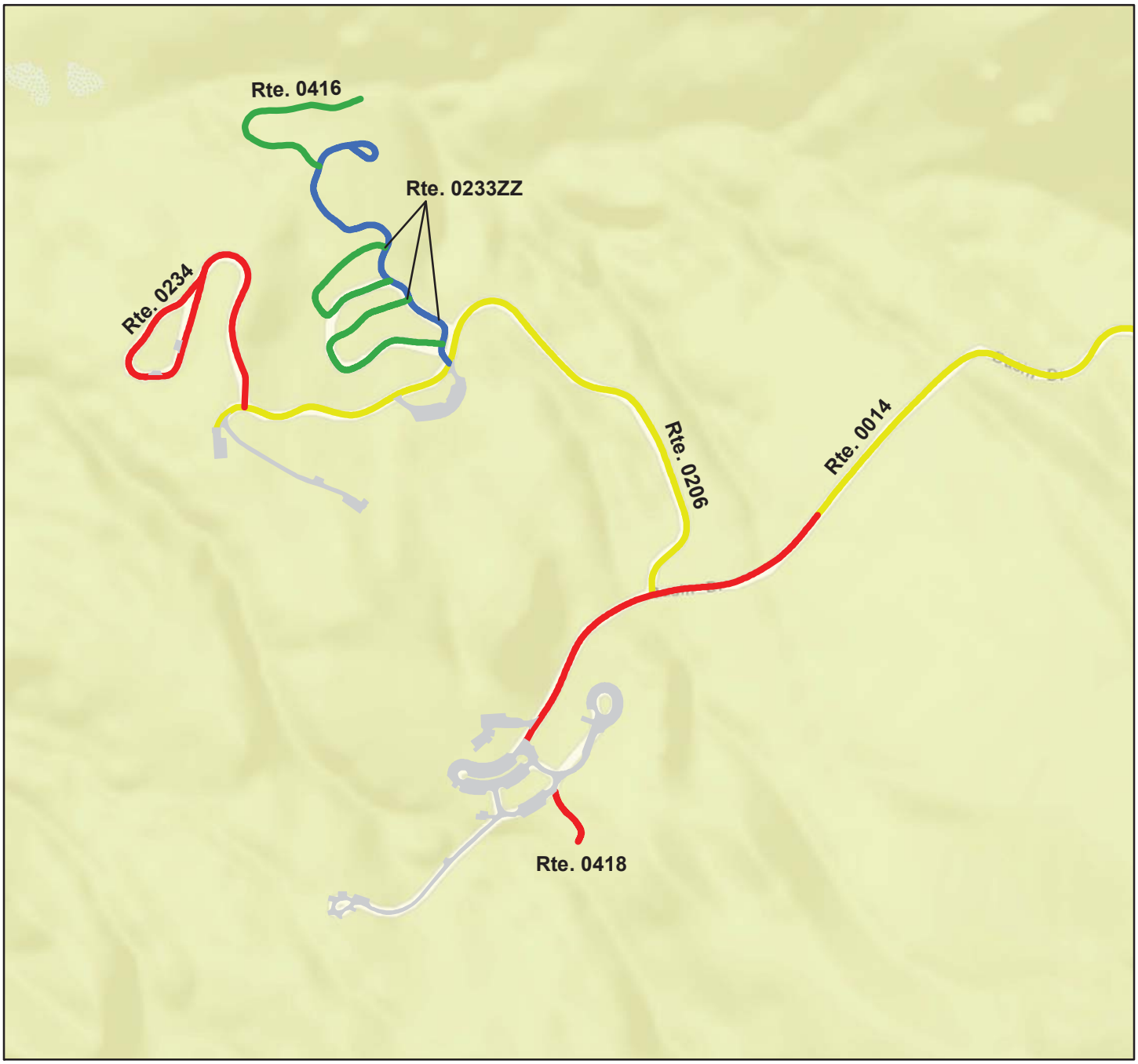
See Appendix for definitions and formulas
Only Data Collection Vehicle and Manually Rated Roads are displayed

Miles
0 0.25 0.5

N

Big Bend National Park

ROUTE CONDITION MAP
PCR - MILE BY MILE
Area Map 2B



Route Condition Legend – Pavement Condition Rating (PCR)

Poor (0 - 60)	Fair (61- 84)	Good (85 - 94)	Excellent (95 - 100)	Not Rated

See Appendix for definitions and formulas

Only Data Collection Vehicle and Manually Rated Roads are displayed

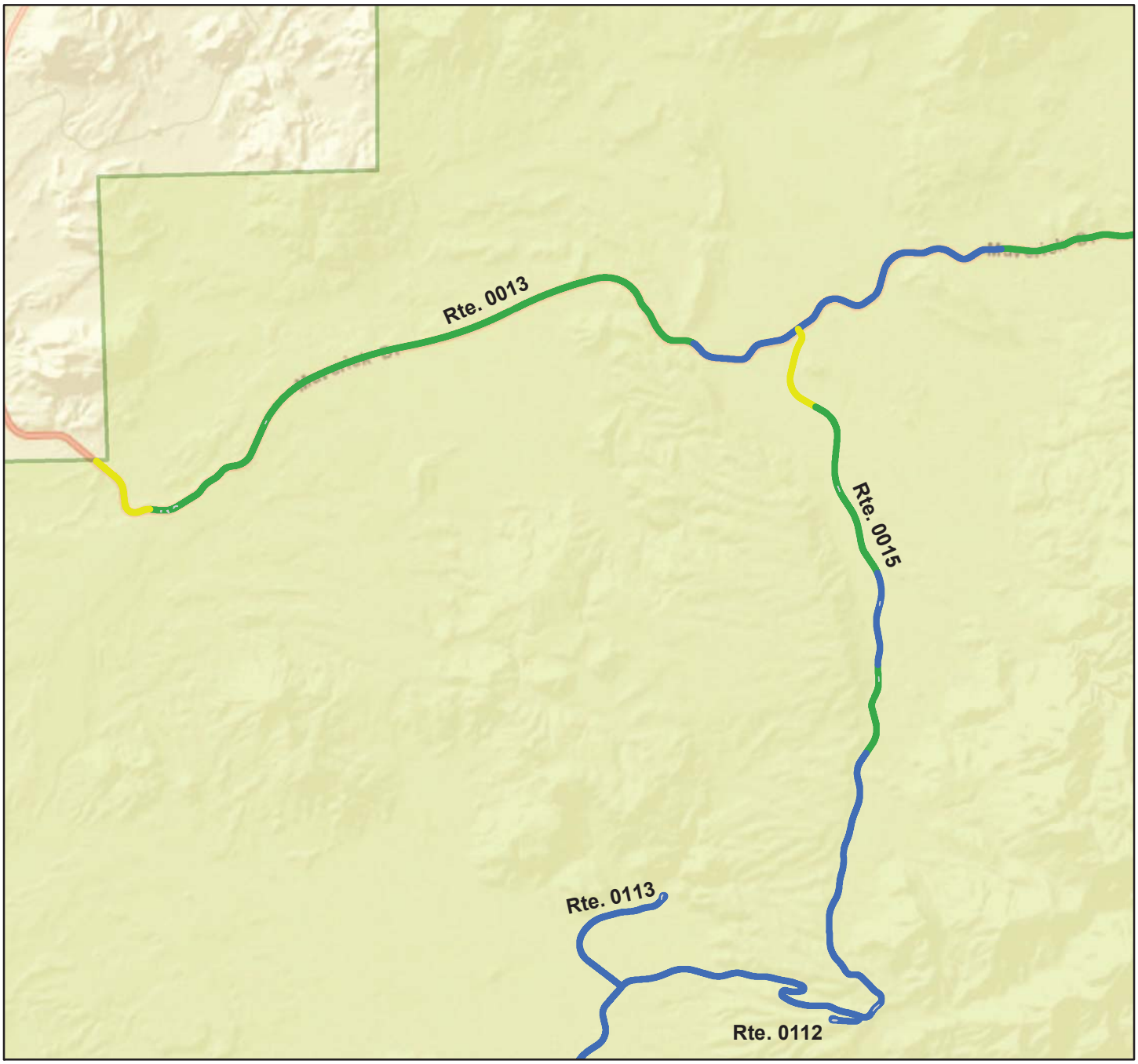
Miles

0 0.25 0.5

N

Big Bend National Park

ROUTE CONDITION MAP
PCR - MILE BY MILE
Area Map 3



Route Condition Legend – Pavement Condition Rating (PCR)

Poor (0 - 60)	Fair (61- 84)	Good (85 - 94)	Excellent (95 - 100)	Not Rated

See Appendix for definitions and formulas

Only Data Collection Vehicle and Manually Rated Roads are displayed

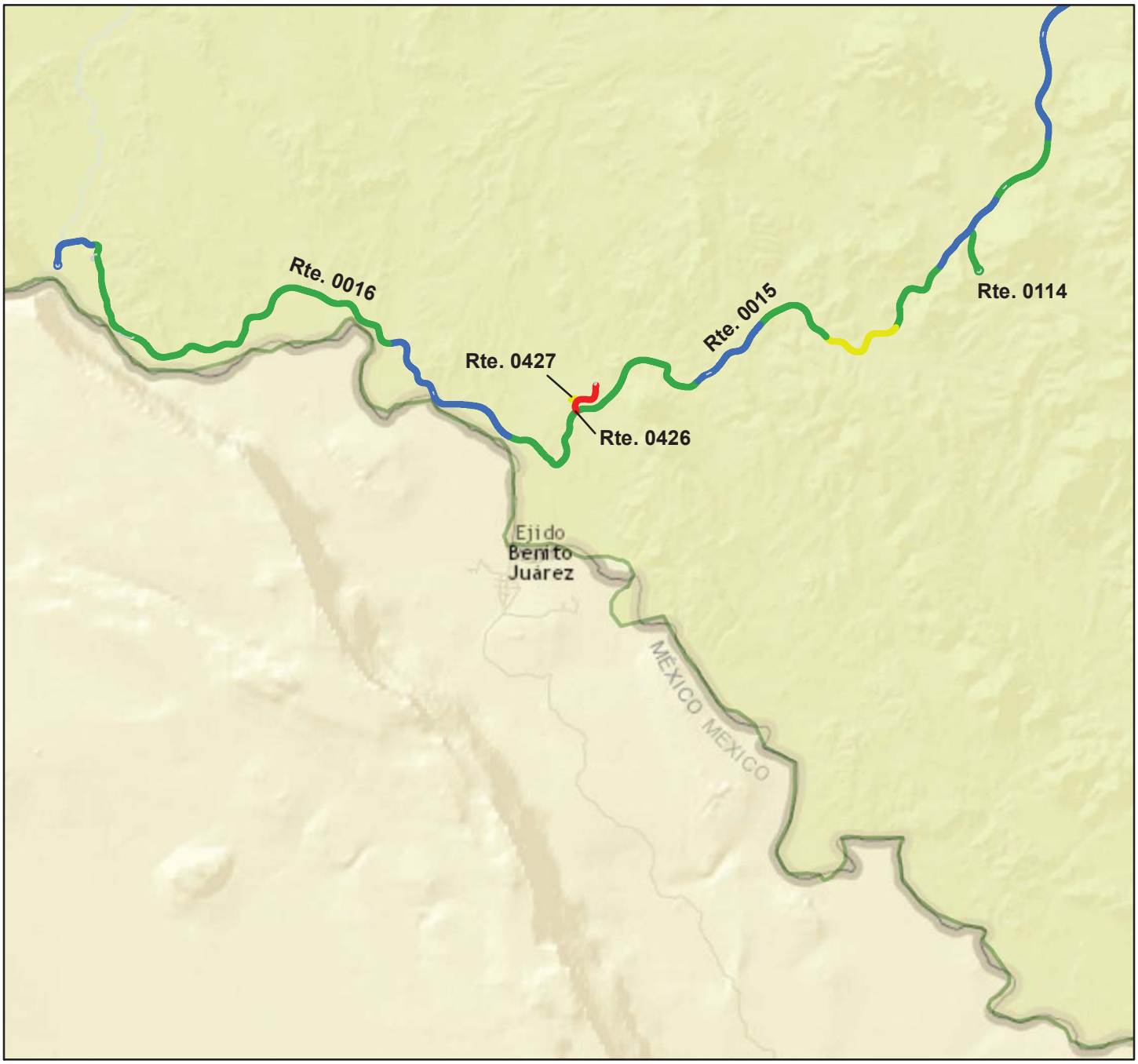
Miles

0 3 6

N

Big Bend National Park

ROUTE CONDITION MAP
PCR - MILE BY MILE
Area Map 4



Sources: Esri, HERE, DeLorme, USGS, Intermap, INCREMENT P, NRCan, Esri Japan, METI, Esri China (Hong Kong), Esri Korea, Esri (Thailand), MapmyIndia, NGCC, © OpenStreetMap contributors, and the GIS User Community

Route Condition Legend – Pavement Condition Rating (PCR)

Poor (0 - 60)	Fair (61- 84)	Good (85 - 94)	Excellent (95 - 100)	Not Rated

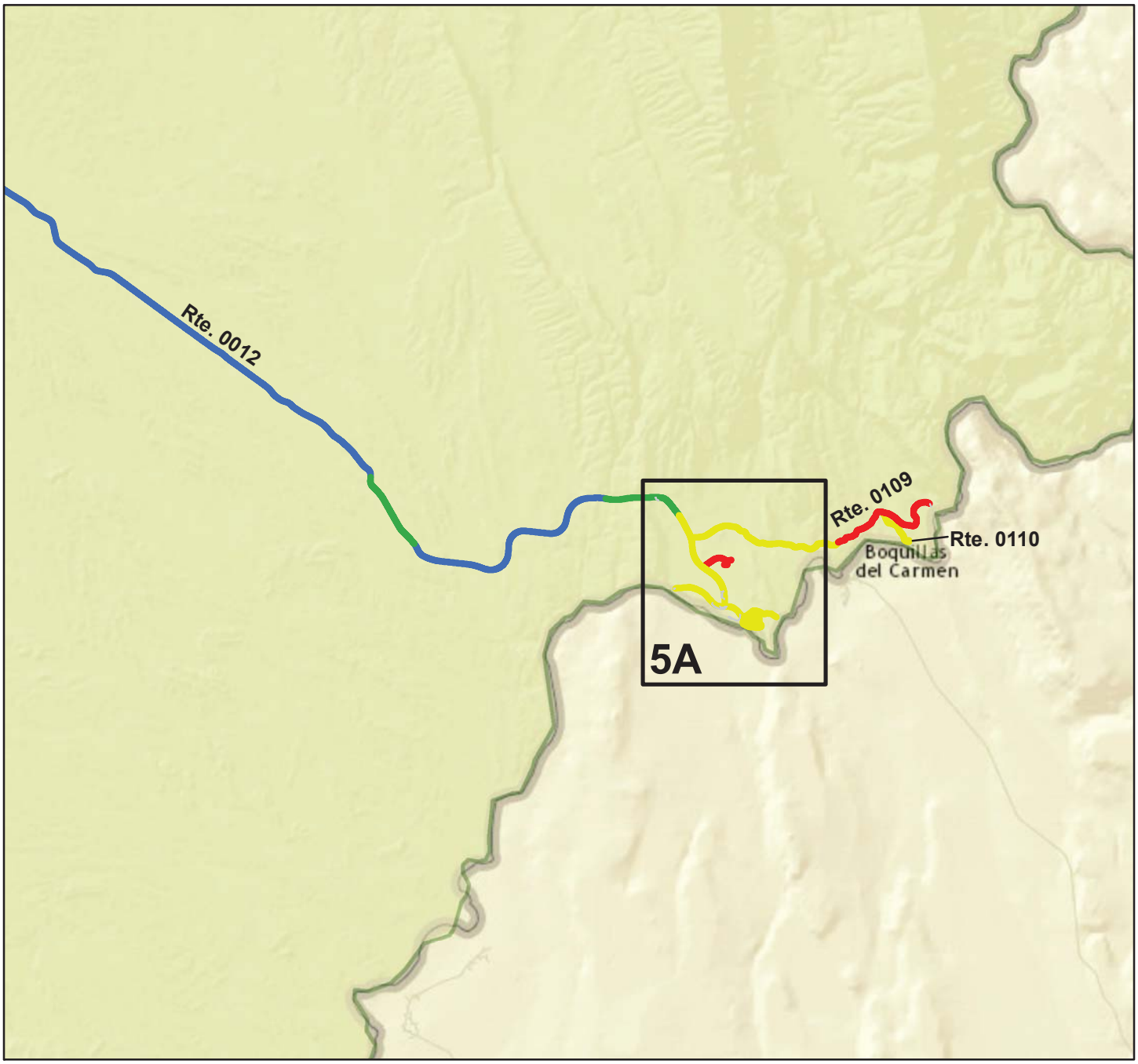
See Appendix for definitions and formulas
Only Data Collection Vehicle and Manually Rated Roads are displayed

Miles
0 4 8

N

Big Bend National Park

ROUTE CONDITION MAP
PCR - MILE BY MILE
Area Map 5



Sources: Esri, HERE, DeLorme, USGS, Intermap, INCREMENT P, NRCan, Esri Japan, METI, Esri China (Hong Kong), Esri Korea, Esri (Thailand), MapmyIndia, NGCC, © OpenStreetMap contributors, and the GIS User Community

Route Condition Legend – Pavement Condition Rating (PCR)

Poor (0 - 60)	Fair (61- 84)	Good (85 - 94)	Excellent (95 - 100)	Not Rated

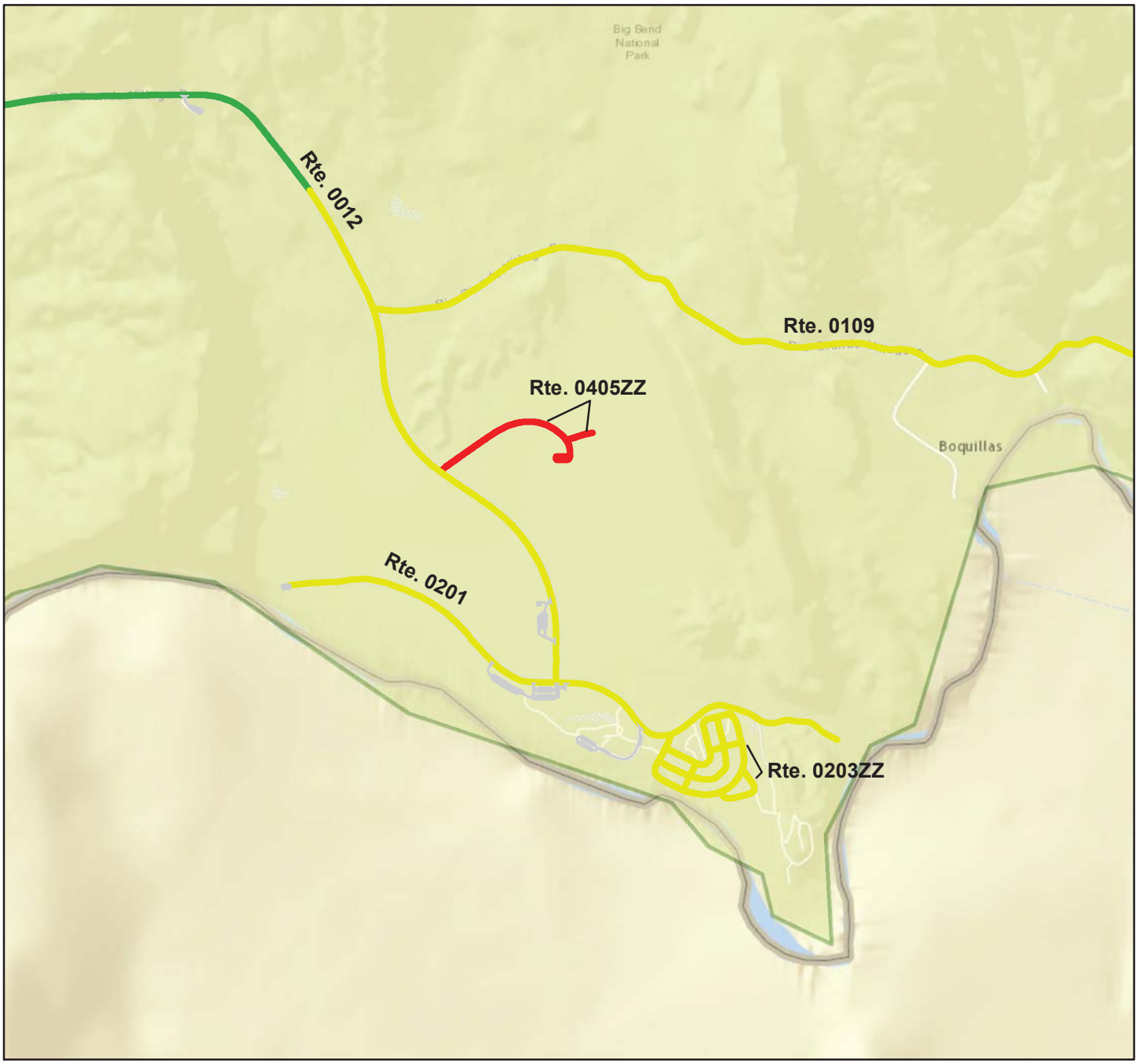
See Appendix for definitions and formulas
Only Data Collection Vehicle and Manually Rated Roads are displayed

Miles
0 3 6

N

Big Bend National Park

ROUTE CONDITION MAP
PCR - MILE BY MILE
Area Map 5A



Sources: Esri, HERE, DeLorme, USGS, Intermap, INCREMENT P, NRCan, Esri Japan, METI, Esri China (Hong Kong), Esri Korea, Esri (Thailand), MapmyIndia, NGCC, © OpenStreetMap contributors, and the GIS User Community

Route Condition Legend – Pavement Condition Rating (PCR)

Poor (0 - 60)	Fair (61- 84)	Good (85 - 94)	Excellent (95 - 100)	Not Rated

See Appendix for definitions and formulas

Only Data Collection Vehicle and Manually Rated Roads are displayed

Miles

0 0.5 1

N

Section 5
Paved Road Condition Rating Sheets

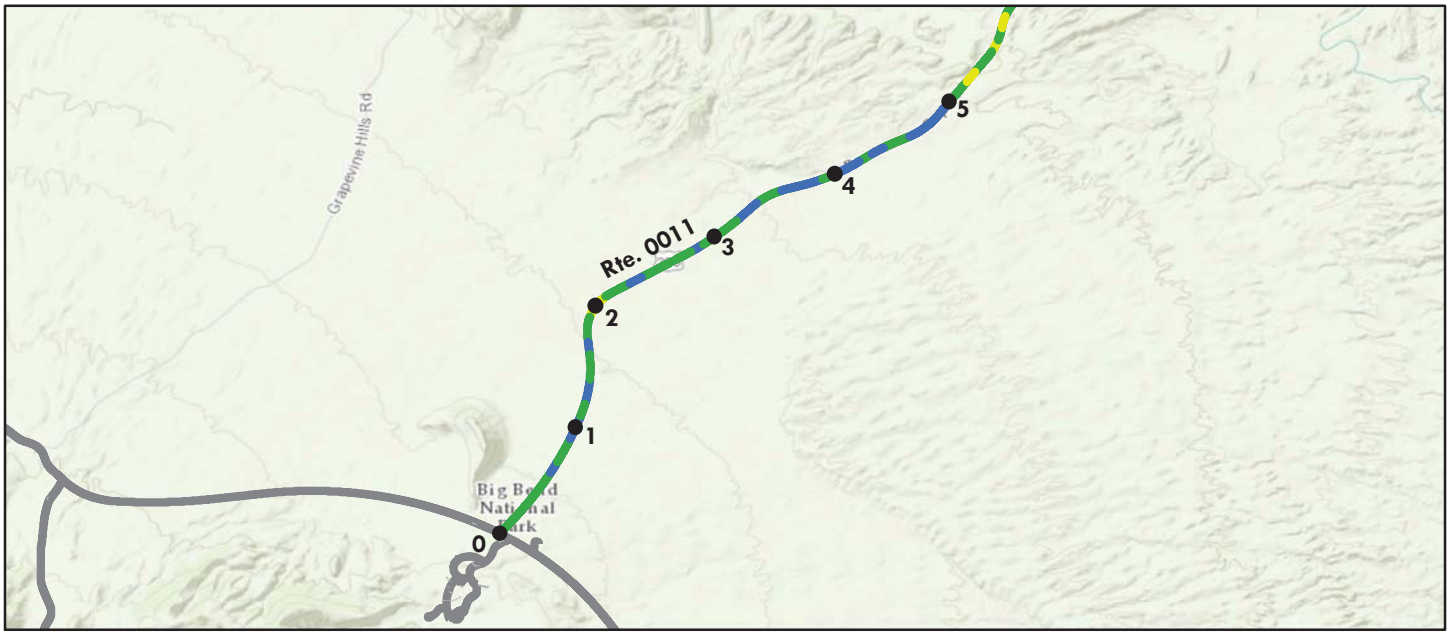
Big Bend National Park

Federal Lands Highway
Road Inventory Program

Big Bend National Park

ROUTE 0011: NORTH ENTRANCE ROAD

Data Collection Vehicle (DCV) Rating



Sources: Esri, HERE, DeLorme, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), swisstopo, MapmyIndia, © OpenStreetMap contributors, and the GIS User Community

Route Condition Legend – Pavement Condition Rating (PCR)

Poor (0 - 60)	Fair (61- 84)	Good (85 - 94)	Excellent (95 - 100)	Not Rated

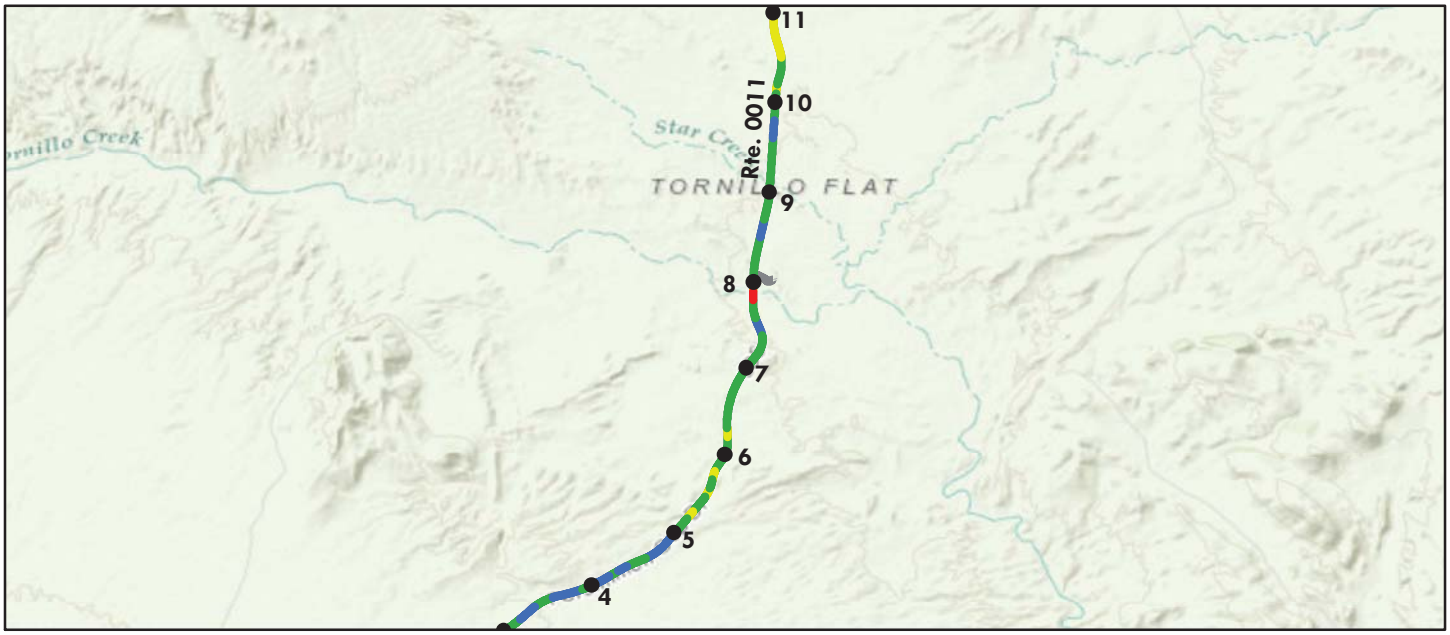
See Appendix for definitions and formulas

Inspection Date: 3/20/2017	**Beginning Section MP**	0	1	2	3	4
Paved Length (Miles): 27.46	**Section Length (MI)**	1	1	1	1	1
Surface Type: ASPHALT	**Route Summary**					
Roadway Condition Information						
Pavement Condition Rating (PCR)	88	91	90	90	95	96
Surface Condition Rating (SCR)	85	95	93	94	96	96
Roughness Condition Index (RCI)	92	86	86	84	93	95
Distress Index Values						
Structural Crack Index	92	100	100	99	100	100
Alligator Crack Index	100	100	100	100	100	100
Longitudinal Crack Index	92	100	100	99	100	100
Transverse Cracking Index	85	100	100	100	100	100
Patching Index	100	100	100	100	100	100
Rutting Index	98	95	93	94	96	96
International Roughness Index (IRI)	135	152	152	157	133	126
Lane & Width Information						
Number of Lanes	2	2	2	2	2	2
Paved Width (ft)	23	24.9	24.7	23.9	24.3	24.3
Lane Width (ft)	9.9	10.3	10.4	10	9.9	10.1

Big Bend National Park

ROUTE 0011: NORTH ENTRANCE ROAD

Data Collection Vehicle (DCV) Rating



Sources: Esri, HERE, DeLorme, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), swisstopo, MapmyIndia, © OpenStreetMap contributors, and the GIS User Community

Route Condition Legend – Pavement Condition Rating (PCR)

Poor (0 - 60)	Fair (61- 84)	Good (85 - 94)	Excellent (95 - 100)	Not Rated

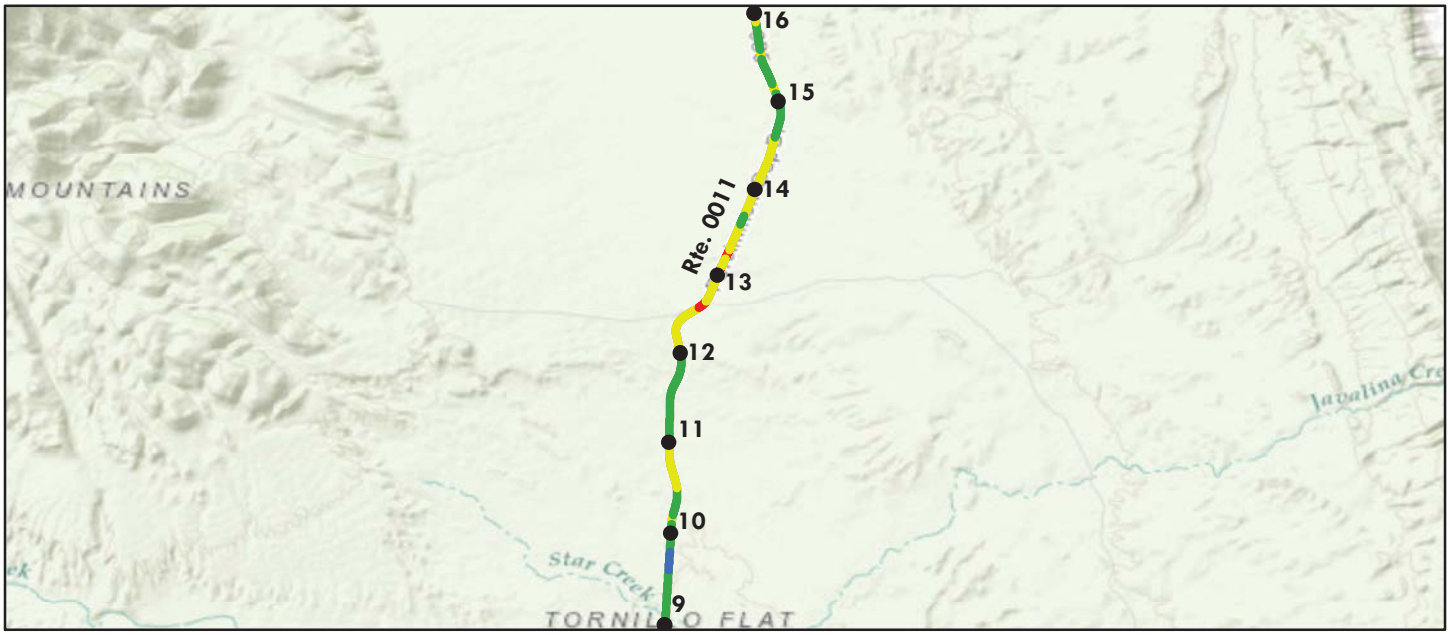
See Appendix for definitions and formulas

Inspection Date: 3/20/2017	**Beginning Section MP**	5	6	7	8	9
Paved Length (Miles): 27.46	**Section Length (MI)**	1	1	1	1	1
Surface Type: ASPHALT	**Route Summary**					
Roadway Condition Information						
Pavement Condition Rating (PCR)	88	87	88	90	93	93
Surface Condition Rating (SCR)	85	92	92	94	88	89
Roughness Condition Index (RCI)	92	80	81	83	100	98
Distress Index Values						
Structural Crack Index	92	99	98	99	93	95
Alligator Crack Index	100	100	100	100	100	100
Longitudinal Crack Index	92	99	98	99	93	95
Transverse Cracking Index	85	100	99	98	88	89
Patching Index	100	100	100	100	100	100
Rutting Index	98	92	92	94	100	100
International Roughness Index (IRI)	135	169	167	161	111	119
Lane & Width Information						
Number of Lanes	2	2	2	2	2	2
Paved Width (ft)	23	24.3	24.2	25.2	23.2	22.3
Lane Width (ft)	9.9	10.1	10.2	9.9	9.8	9.7

Big Bend National Park

ROUTE 0011: NORTH ENTRANCE ROAD

Data Collection Vehicle (DCV) Rating



Sources: Esri, HERE, DeLorme, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), swisstopo, MapmyIndia, © OpenStreetMap contributors, and the GIS User Community

Route Condition Legend – Pavement Condition Rating (PCR)

Poor (0 - 60)	Fair (61- 84)	Good (85 - 94)	Excellent (95 - 100)	Not Rated

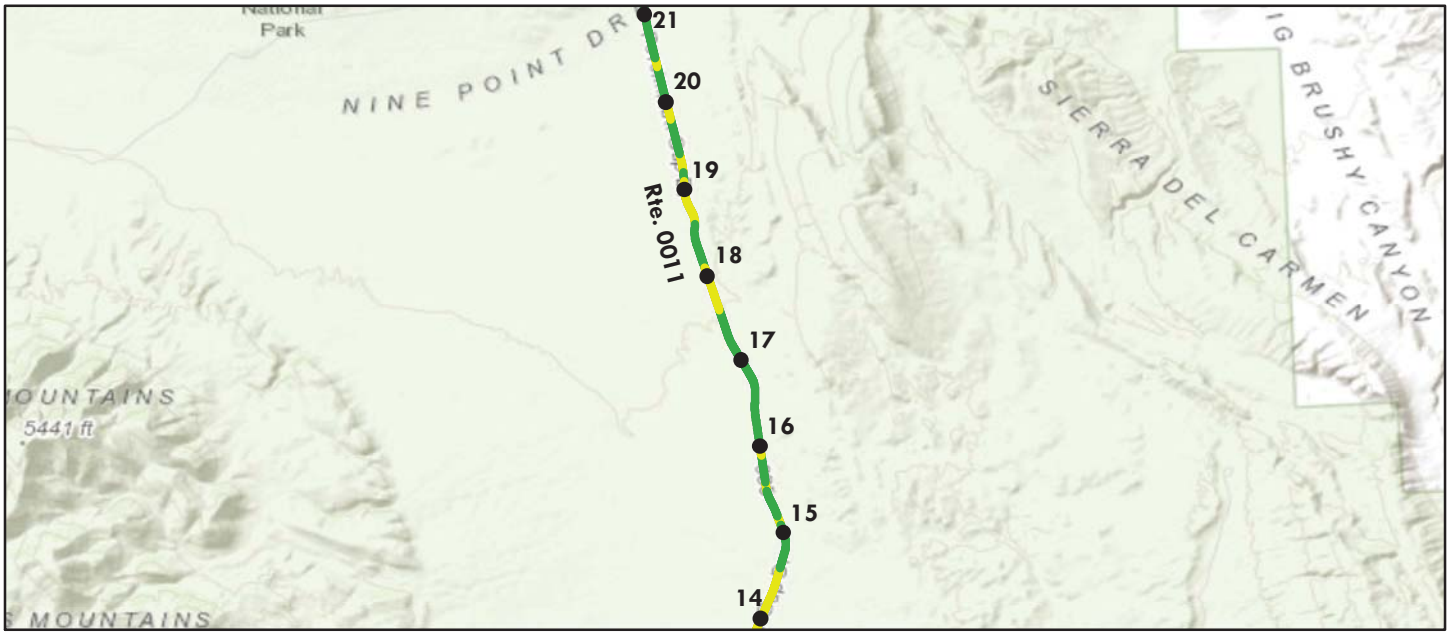
See Appendix for definitions and formulas

Inspection Date: 3/20/2017	**Beginning Section MP**	10	11	12	13	14
Paved Length (Miles): 27.46	**Section Length (MI)**	1	1	1	1	1
Surface Type: ASPHALT	**Route Summary**					
Roadway Condition Information						
Pavement Condition Rating (PCR)	88	86	89	77	74	84
Surface Condition Rating (SCR)	85	79	82	75	74	81
Roughness Condition Index (RCI)	92	97	100	81	74	88
Distress Index Values						
Structural Crack Index	92	79	90	80	75	89
Alligator Crack Index	100	100	100	100	100	100
Longitudinal Crack Index	92	79	90	80	75	89
Transverse Cracking Index	85	83	82	75	74	81
Patching Index	100	100	100	100	100	100
Rutting Index	98	100	100	99	97	98
International Roughness Index (IRI)	135	123	98	167	188	145
Lane & Width Information						
Number of Lanes	2	2	2	2	2	2
Paved Width (ft)	23	22.4	22.5	23	22.2	22.7
Lane Width (ft)	9.9	9.8	9.9	9.8	9.6	9.6

Big Bend National Park

ROUTE 0011: NORTH ENTRANCE ROAD

Data Collection Vehicle (DCV) Rating



Sources: Esri, HERE, DeLorme, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), swisstopo, MapmyIndia, © OpenStreetMap contributors, and the GIS User Community

Route Condition Legend – Pavement Condition Rating (PCR)

Poor (0 - 60) | **Fair (61- 84)** | **Good (85 - 94)** | **Excellent (95 - 100)** | **Not Rated**

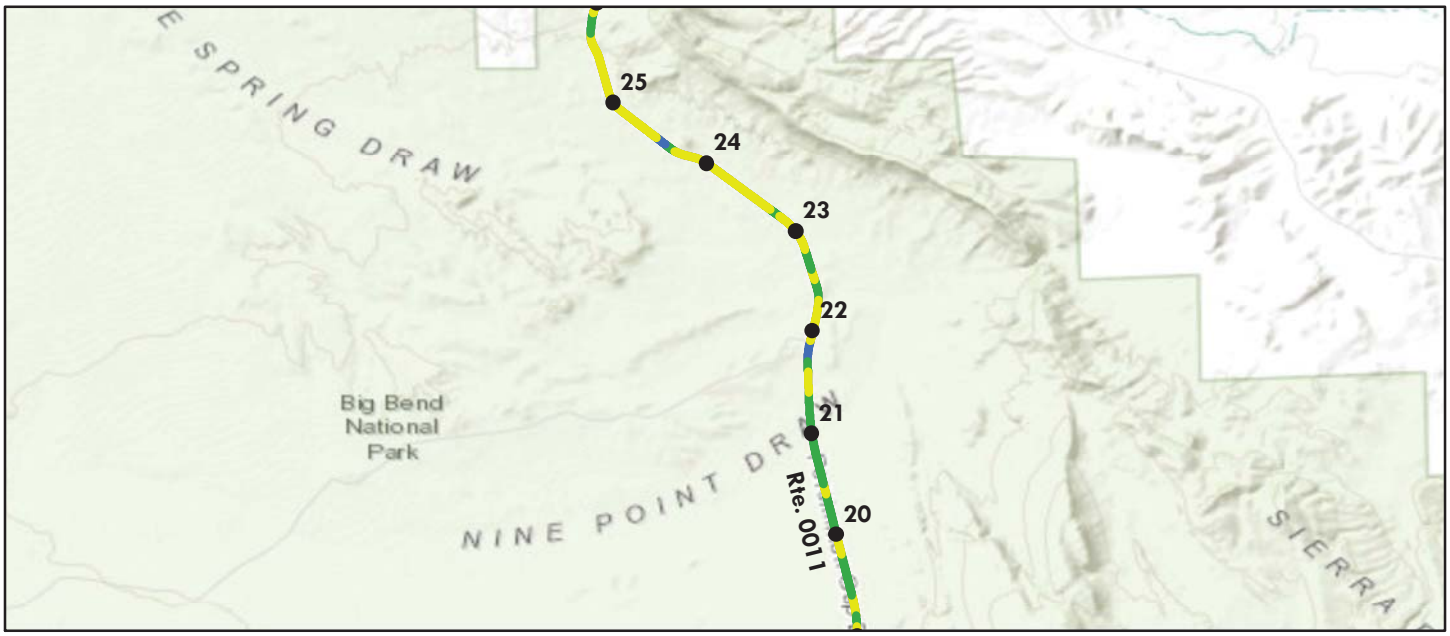
See Appendix for definitions and formulas

Inspection Date: 3/20/2017	**Beginning Section MP**	15	16	17	18	19
Paved Length (Miles): 27.46	**Section Length (MI)**	1	1	1	1	1
Surface Type: ASPHALT	**Route Summary**					
Roadway Condition Information						
Pavement Condition Rating (PCR)	88	87	89	86	86	85
Surface Condition Rating (SCR)	85	79	81	78	78	78
Roughness Condition Index (RCI)	92	100	100	98	98	95
Distress Index Values						
Structural Crack Index	92	98	98	94	92	84
Alligator Crack Index	100	100	100	100	100	100
Longitudinal Crack Index	92	98	98	94	92	84
Transverse Cracking Index	85	79	81	78	78	78
Patching Index	100	100	100	100	100	100
Rutting Index	98	100	100	100	100	99
International Roughness Index (IRI)	135	114	93	121	120	128
Lane & Width Information						
Number of Lanes	2	2	2	2	2	2
Paved Width (ft)	23	22.3	22.3	22.4	22.2	22.5
Lane Width (ft)	9.9	9.6	9.8	9.5	9.6	10

Big Bend National Park

ROUTE 0011: NORTH ENTRANCE ROAD

Data Collection Vehicle (DCV) Rating



Sources: Esri, HERE, DeLorme, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), swisstopo, MapmyIndia, © OpenStreetMap contributors, and the GIS User Community

Route Condition Legend – Pavement Condition Rating (PCR)

Poor (0 - 60)	Fair (61- 84)	Good (85 - 94)	Excellent (95 - 100)	Not Rated

See Appendix for definitions and formulas

Inspection Date: 3/20/2017	**Beginning Section MP**	20	21	22	23	24
Paved Length (Miles): 27.46	**Section Length (MI)**	1	1	1	1	1
Surface Type: ASPHALT	**Route Summary**					
Roadway Condition Information						
Pavement Condition Rating (PCR)	88	89	91	82	78	81
Surface Condition Rating (SCR)	85	82	87	74	71	81
Roughness Condition Index (RCI)	92	100	96	93	89	80
Distress Index Values						
Structural Crack Index	92	91	89	87	83	85
Alligator Crack Index	100	100	100	100	100	100
Longitudinal Crack Index	92	91	89	87	83	85
Transverse Cracking Index	85	82	87	74	71	81
Patching Index	100	100	100	100	100	100
Rutting Index	98	100	99	99	99	99
International Roughness Index (IRI)	135	108	123	133	143	169
Lane & Width Information						
Number of Lanes	2	2	2	2	2	2
Paved Width (ft)	23	22.5	22.3	22.6	21.9	21.8
Lane Width (ft)	9.9	10	9.8	9.8	9.7	9.8

Big Bend National Park

ROUTE 0011: NORTH ENTRANCE ROAD

Data Collection Vehicle (DCV) Rating

Sources: Esri, HERE, DeLorme, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), swisstopo, MapmyIndia, © OpenStreetMap contributors, and the GIS User Community

Route Condition Legend – Pavement Condition Rating (PCR)

Poor (0 - 60)	Fair (61- 84)	Good (85 - 94)	Excellent (95 - 100)	Not Rated

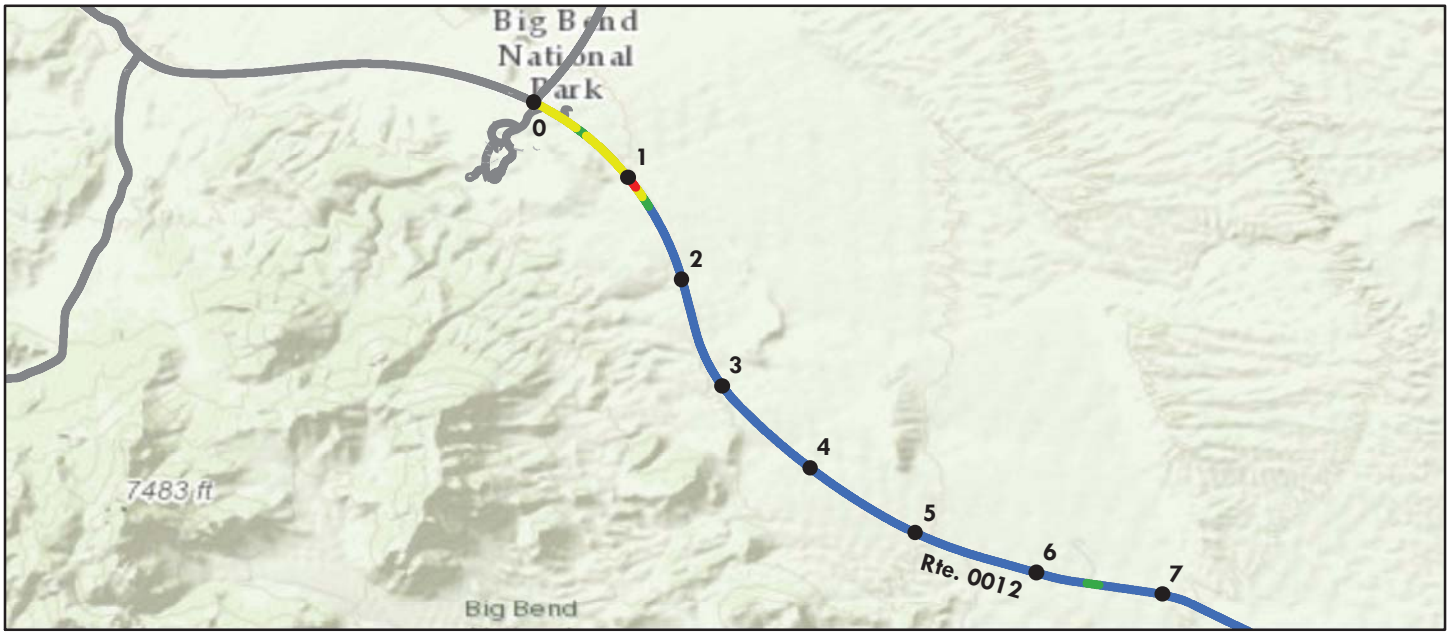
See Appendix for definitions and formulas

Inspection Date: 3/20/2017	**Beginning Section MP**	25	26	27		
Paved Length (Miles): 27.46	**Section Length (MI)**	1	1	0.46		
Surface Type: ASPHALT	**Route Summary**					
Roadway Condition Information						
Pavement Condition Rating (PCR)	88	77	85	86		
Surface Condition Rating (SCR)	85	65	75	76		
Roughness Condition Index (RCI)	92	94	100	100		
Distress Index Values						
Structural Crack Index	92	88	97	99		
Alligator Crack Index	100	100	100	100		
Longitudinal Crack Index	92	88	97	99		
Transverse Cracking Index	85	65	75	76		
Patching Index	100	100	100	100		
Rutting Index	98	99	99	100		
International Roughness Index (IRI)	135	130	108	98		
Lane & Width Information						
Number of Lanes	2	2	2	2		
Paved Width (ft)	23	22.4	22.9	22.2		
Lane Width (ft)	9.9	9.7	9.8	9.5		

Big Bend National Park

ROUTE 0012: RIO GRANDE ROAD

Data Collection Vehicle (DCV) Rating



Route Condition Legend – Pavement Condition Rating (PCR)

Poor (0 - 60) | **Fair (61- 84)** | **Good (85 - 94)** | **Excellent (95 - 100)** | **Not Rated**

See Appendix for definitions and formulas

Inspection Date: 3/20/2017	**Beginning Section MP**	0	1	2	3	4
Paved Length (Miles): 20.31	**Section Length (MI)**	1	1	1	1	1
Surface Type: ASPHALT	**Route Summary**					
Roadway Condition Information						
Pavement Condition Rating (PCR)	97	75	92	99	99	98
Surface Condition Rating (SCR)	95	66	86	99	99	97
Roughness Condition Index (RCI)	100	89	100	100	100	100
Distress Index Values						
Structural Crack Index	95	66	86	100	100	100
Alligator Crack Index	100	99	100	100	100	100
Longitudinal Crack Index	95	67	86	100	100	100
Transverse Cracking Index	97	81	91	100	100	100
Patching Index	100	100	100	100	100	100
Rutting Index	98	97	99	99	99	97
International Roughness Index (IRI)	112	142	104	74	81	90
Lane & Width Information						
Number of Lanes	2	2	2	2	2	2
Paved Width (ft)	24.2	23.9	24.2	24.6	24.4	24.6
Lane Width (ft)	10.4	11.4	11	10.1	10.2	10.4

Big Bend National Park

ROUTE 0012: RIO GRANDE ROAD

Data Collection Vehicle (DCV) Rating

Sources: Esri, HERE, DeLorme, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), swisstopo, MapmyIndia, © OpenStreetMap contributors, and the GIS User Community

Route Condition Legend – Pavement Condition Rating (PCR)

Poor (0 - 60)	Fair (61- 84)	Good (85 - 94)	Excellent (95 - 100)	Not Rated

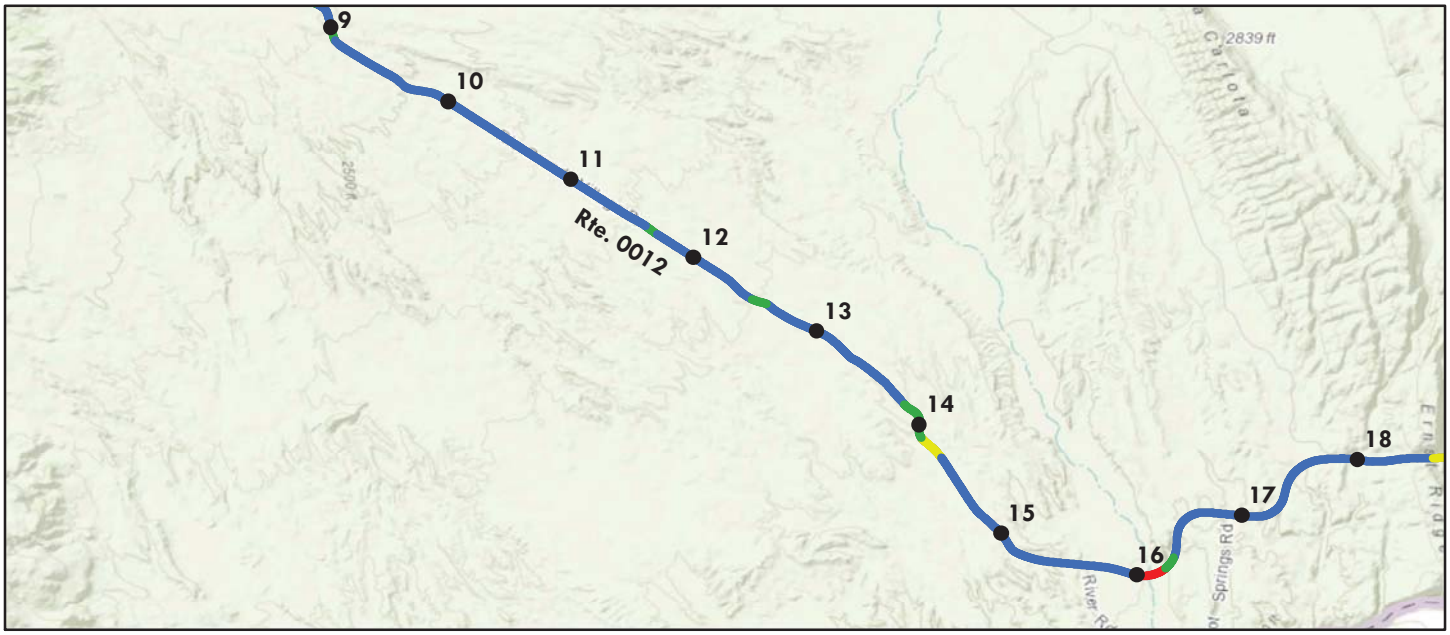
See Appendix for definitions and formulas

Inspection Date: 3/20/2017	**Beginning Section MP**	5	6	7	8	9
Paved Length (Miles): 20.31	**Section Length (MI)**	1	1	1	1	1
Surface Type: ASPHALT	**Route Summary**					
Roadway Condition Information						
Pavement Condition Rating (PCR)	97	99	99	99	99	99
Surface Condition Rating (SCR)	95	98	99	99	98	98
Roughness Condition Index (RCI)	100	100	100	100	100	100
Distress Index Values						
Structural Crack Index	95	100	100	100	100	100
Alligator Crack Index	100	100	100	100	100	100
Longitudinal Crack Index	95	100	100	100	100	100
Transverse Cracking Index	97	100	100	100	100	100
Patching Index	100	100	100	100	100	100
Rutting Index	98	98	99	99	98	98
International Roughness Index (IRI)	112	101	101	91	102	98
Lane & Width Information						
Number of Lanes	2	2	2	2	2	2
Paved Width (ft)	24.2	24.4	24.2	24.2	24	24
Lane Width (ft)	10.4	10.4	10.4	10.3	10.3	10.3

Big Bend National Park

ROUTE 0012: RIO GRANDE ROAD

Data Collection Vehicle (DCV) Rating



Sources: Esri, HERE, DeLorme, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), swisstopo, MapmyIndia, © OpenStreetMap contributors, and the GIS User Community

Route Condition Legend – Pavement Condition Rating (PCR)

Poor (0 - 60)	Fair (61- 84)	Good (85 - 94)	Excellent (95 - 100)	Not Rated

See Appendix for definitions and formulas

Inspection Date: 3/20/2017	**Beginning Section MP**	10	11	12	13	14
Paved Length (Miles): 20.31	**Section Length (MI)**	1	1	1	1	1
Surface Type: ASPHALT	**Route Summary**					
Roadway Condition Information						
Pavement Condition Rating (PCR)	97	99	99	98	95	94
Surface Condition Rating (SCR)	95	98	98	97	96	97
Roughness Condition Index (RCI)	100	100	100	100	94	90
Distress Index Values						
Structural Crack Index	95	100	100	100	100	100
Alligator Crack Index	100	100	100	100	100	100
Longitudinal Crack Index	95	100	100	100	100	100
Transverse Cracking Index	97	100	100	100	100	100
Patching Index	100	100	100	100	100	100
Rutting Index	98	98	98	97	96	97
International Roughness Index (IRI)	112	107	99	104	131	140
Lane & Width Information						
Number of Lanes	2	2	2	2	2	2
Paved Width (ft)	24.2	24.7	24.7	24.9	24.9	24.5
Lane Width (ft)	10.4	10.2	10.3	10.2	10.1	10.2

Big Bend National Park

ROUTE 0012: RIO GRANDE ROAD

Data Collection Vehicle (DCV) Rating

Sources: Esri, HERE, DeLorme, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), swisstopo, MapmyIndia, © OpenStreetMap contributors, and the GIS User Community

Route Condition Legend – Pavement Condition Rating (PCR)

Poor (0 - 60)	Fair (61- 84)	Good (85 - 94)	Excellent (95 - 100)	Not Rated

See Appendix for definitions and formulas

Inspection Date: 3/20/2017	**Beginning Section MP**	15	16	17	18	19
Paved Length (Miles): 20.31	**Section Length (MI)**	1	1	1	1	1
Surface Type: ASPHALT	**Route Summary**					
Roadway Condition Information						
Pavement Condition Rating (PCR)	97	99	96	99	86	73
Surface Condition Rating (SCR)	95	99	98	99	85	75
Roughness Condition Index (RCI)	100	100	93	100	88	71
Distress Index Values						
Structural Crack Index	95	100	99	100	85	75
Alligator Crack Index	100	100	100	100	100	100
Longitudinal Crack Index	95	100	99	100	85	75
Transverse Cracking Index	97	100	100	100	89	78
Patching Index	100	100	100	100	100	99
Rutting Index	98	99	98	99	96	96
International Roughness Index (IRI)	112	87	132	88	147	200
Lane & Width Information						
Number of Lanes	2	2	2	2	2	2
Paved Width (ft)	24.2	24.9	25.1	24.1	23.4	21.6
Lane Width (ft)	10.4	10.1	11	10.3	10.8	10.3

Big Bend National Park

ROUTE 0012: RIO GRANDE ROAD

Data Collection Vehicle (DCV) Rating

Sources: Esri, HERE, DeLorme, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), swisstopo, MapmyIndia, © OpenStreetMap contributors, and the GIS User Community

Route Condition Legend – Pavement Condition Rating (PCR)

Poor (0 - 60)	Fair (61- 84)	Good (85 - 94)	Excellent (95 - 100)	Not Rated

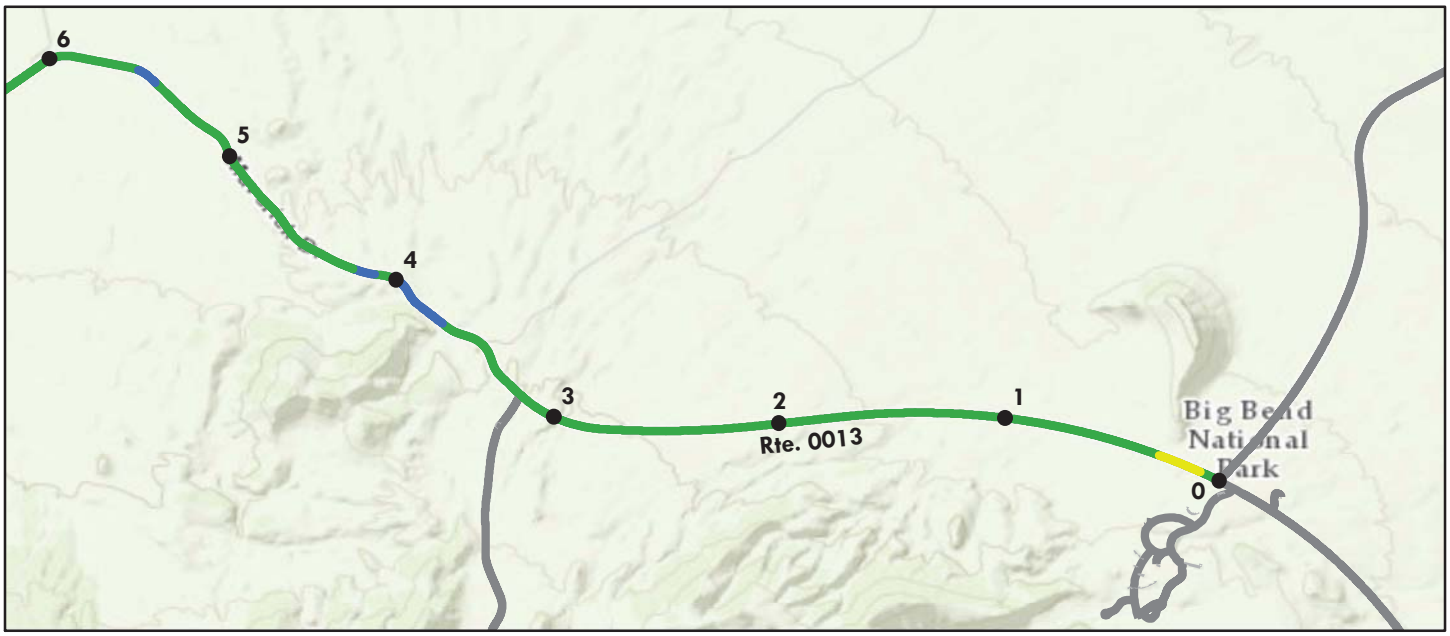
See Appendix for definitions and formulas

Inspection Date: 3/20/2017	**Beginning Section MP**	20				
Paved Length (Miles): 20.31	**Section Length (MI)**	0.31				
Surface Type: ASPHALT	**Route Summary**					
Roadway Condition Information						
Pavement Condition Rating (PCR)	97	84				
Surface Condition Rating (SCR)	95	88				
Roughness Condition Index (RCI)	100	77				
Distress Index Values						
Structural Crack Index	95	88				
Alligator Crack Index	100	100				
Longitudinal Crack Index	95	88				
Transverse Cracking Index	97	90				
Patching Index	100	100				
Rutting Index	98	95				
International Roughness Index (IRI)	112	179				
Lane & Width Information						
Number of Lanes	2	2				
Paved Width (ft)	24.2	20.8				
Lane Width (ft)	10.4	10.2				

Big Bend National Park

ROUTE 0013: WEST ENTRANCE ROAD

Data Collection Vehicle (DCV) Rating



Sources: Esri, HERE, DeLorme, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), swisstopo, MapmyIndia, © OpenStreetMap contributors, and the GIS User Community

Route Condition Legend – Pavement Condition Rating (PCR)

Poor (0 - 60)	Fair (61- 84)	Good (85 - 94)	Excellent (95 - 100)	Not Rated

See Appendix for definitions and formulas

Inspection Date: 3/20/2017	**Beginning Section MP**	0	1	2	3	4
Paved Length (Miles): 21.91	**Section Length (MI)**	1	1	1	1	1
Surface Type: ASPHALT	**Route Summary**					
Roadway Condition Information						
Pavement Condition Rating (PCR)	93	87	88	90	92	94
Surface Condition Rating (SCR)	88	78	80	83	86	90
Roughness Condition Index (RCI)	100	100	100	100	100	100
Distress Index Values						
Structural Crack Index	97	91	98	97	97	100
Alligator Crack Index	100	100	100	100	100	100
Longitudinal Crack Index	97	91	98	97	97	100
Transverse Cracking Index	88	78	80	83	86	90
Patching Index	100	100	100	100	100	100
Rutting Index	99	100	100	100	99	100
International Roughness Index (IRI)	88	73	67	71	80	58
Lane & Width Information						
Number of Lanes	2	2	2	2	2	2
Paved Width (ft)	23.4	23.8	23.4	23.4	23	22.5
Lane Width (ft)	10	10.4	10.2	10	9.9	9.5

Big Bend National Park

ROUTE 0013: WEST ENTRANCE ROAD

Data Collection Vehicle (DCV) Rating

Sources: Esri, HERE, DeLorme, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), swisstopo, MapmyIndia, © OpenStreetMap contributors, and the GIS User Community

Route Condition Legend – Pavement Condition Rating (PCR)

Poor (0 - 60)	Fair (61- 84)	Good (85 - 94)	Excellent (95 - 100)	Not Rated

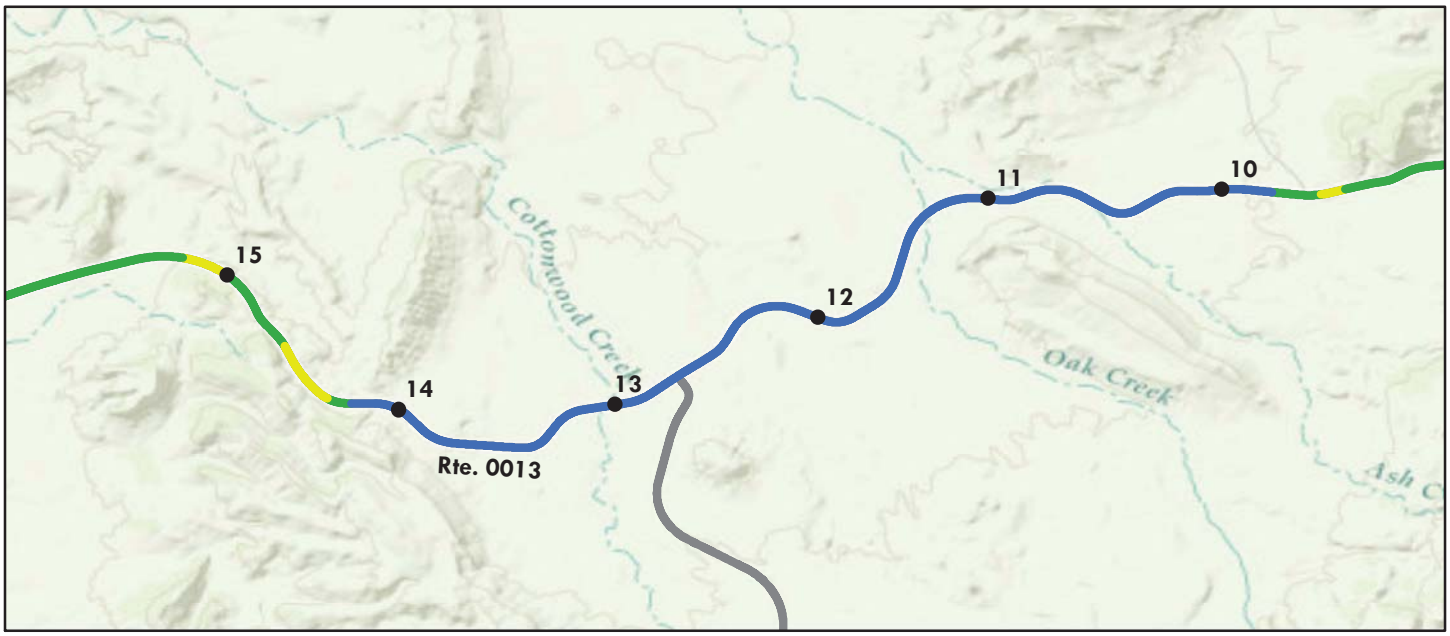
See Appendix for definitions and formulas

Inspection Date: 3/20/2017	**Beginning Section MP**	5	6	7	8	9
Paved Length (Miles): 21.91	**Section Length (MI)**	1	1	1	1	1
Surface Type: ASPHALT	**Route Summary**					
Roadway Condition Information						
Pavement Condition Rating (PCR)	93	93	90	91	91	93
Surface Condition Rating (SCR)	88	88	84	85	85	88
Roughness Condition Index (RCI)	100	100	100	100	100	100
Distress Index Values						
Structural Crack Index	97	100	96	97	94	96
Alligator Crack Index	100	100	100	100	100	100
Longitudinal Crack Index	97	100	96	97	94	96
Transverse Cracking Index	88	88	84	85	85	88
Patching Index	100	100	100	100	100	100
Rutting Index	99	100	97	99	98	97
International Roughness Index (IRI)	88	65	84	80	109	113
Lane & Width Information						
Number of Lanes	2	2	2	2	2	2
Paved Width (ft)	23.4	22.3	22.4	22.1	26.5	22.2
Lane Width (ft)	10	9.6	10	10	9.8	9.7

Big Bend National Park

ROUTE 0013: WEST ENTRANCE ROAD

Data Collection Vehicle (DCV) Rating



Sources: Esri, HERE, DeLorme, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), swisstopo, MapmyIndia, © OpenStreetMap contributors, and the GIS User Community

Route Condition Legend – Pavement Condition Rating (PCR)

Poor (0 - 60) | **Fair (61- 84)** | **Good (85 - 94)** | **Excellent (95 - 100)** | **Not Rated**

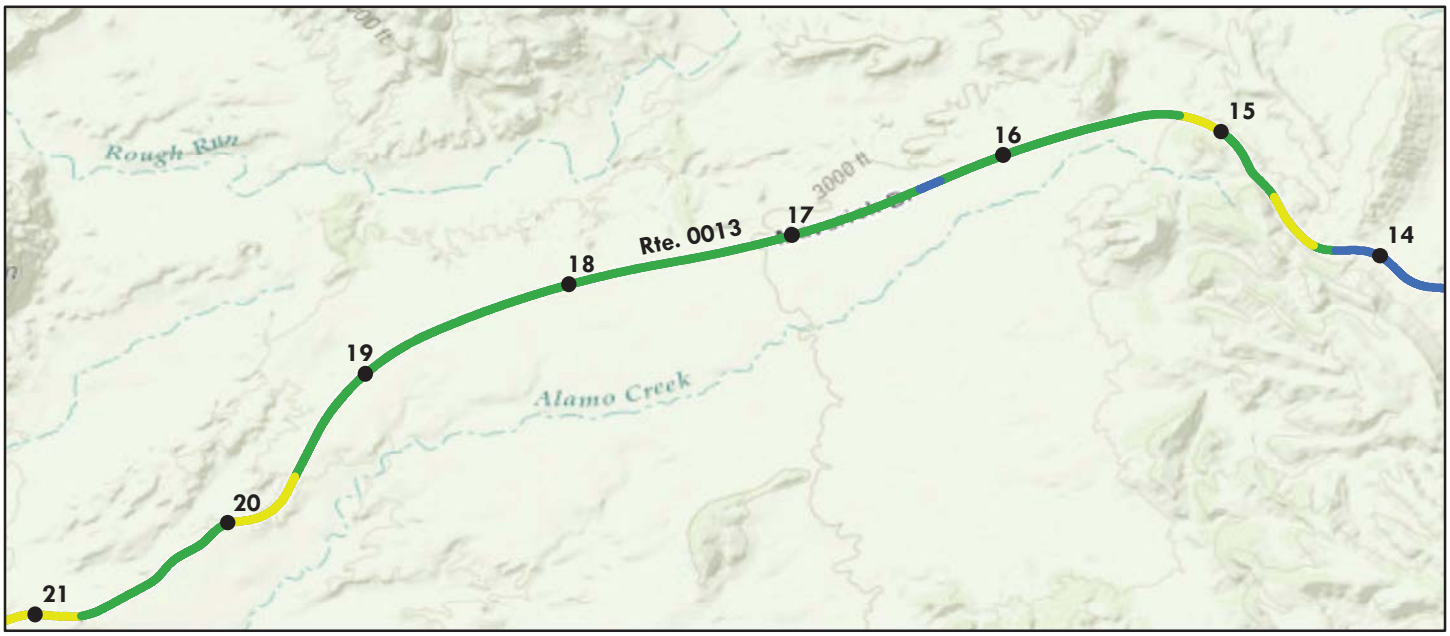
See Appendix for definitions and formulas

Inspection Date: 3/20/2017	**Beginning Section MP**	10	11	12	13	14
Paved Length (Miles): 21.91	**Section Length (MI)**	1	1	1	1	1
Surface Type: ASPHALT	**Route Summary**					
Roadway Condition Information						
Pavement Condition Rating (PCR)	93	100	99	100	99	90
Surface Condition Rating (SCR)	88	100	99	100	99	83
Roughness Condition Index (RCI)	100	100	100	100	100	100
Distress Index Values						
Structural Crack Index	97	100	99	100	99	94
Alligator Crack Index	100	100	100	100	100	100
Longitudinal Crack Index	97	100	99	100	99	94
Transverse Cracking Index	88	100	100	100	99	83
Patching Index	100	100	100	100	100	100
Rutting Index	99	100	100	100	100	98
International Roughness Index (IRI)	88	71	68	69	81	114
Lane & Width Information						
Number of Lanes	2	2	2	2	2	2
Paved Width (ft)	23.4	23.4	23.2	24.7	24.5	23.8
Lane Width (ft)	10	10	9.8	10	10.2	10.2

Big Bend National Park

ROUTE 0013: WEST ENTRANCE ROAD

Data Collection Vehicle (DCV) Rating



Sources: Esri, HERE, DeLorme, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), swisstopo, MapmyIndia, © OpenStreetMap contributors, and the GIS User Community

Route Condition Legend – Pavement Condition Rating (PCR)

Poor (0 - 60)	Fair (61- 84)	Good (85 - 94)	Excellent (95 - 100)	Not Rated

See Appendix for definitions and formulas

Inspection Date: 3/20/2017	**Beginning Section MP**	15	16	17	18	19
Paved Length (Miles): 21.91	**Section Length (MI)**	1	1	1	1	1
Surface Type: ASPHALT	**Route Summary**					
Roadway Condition Information						
Pavement Condition Rating (PCR)	93	90	92	93	92	91
Surface Condition Rating (SCR)	88	84	87	88	87	85
Roughness Condition Index (RCI)	100	100	100	100	100	100
Distress Index Values						
Structural Crack Index	97	97	95	96	97	96
Alligator Crack Index	100	100	100	100	100	100
Longitudinal Crack Index	97	97	95	96	97	96
Transverse Cracking Index	88	84	87	88	87	85
Patching Index	100	100	100	100	100	100
Rutting Index	99	100	98	98	99	99
International Roughness Index (IRI)	88	97	78	78	72	113
Lane & Width Information						
Number of Lanes	2	2	2	2	2	2
Paved Width (ft)	23.4	22.6	22.6	22.4	22.2	23.5
Lane Width (ft)	10	10	10.4	10.5	10.2	10

Big Bend National Park

ROUTE 0013: WEST ENTRANCE ROAD

Data Collection Vehicle (DCV) Rating

Sources: Esri, HERE, DeLorme, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), swisstopo, MapmyIndia, © OpenStreetMap contributors, and the GIS User Community

Route Condition Legend – Pavement Condition Rating (PCR)

Poor (0 - 60)	Fair (61- 84)	Good (85 - 94)	Excellent (95 - 100)	Not Rated

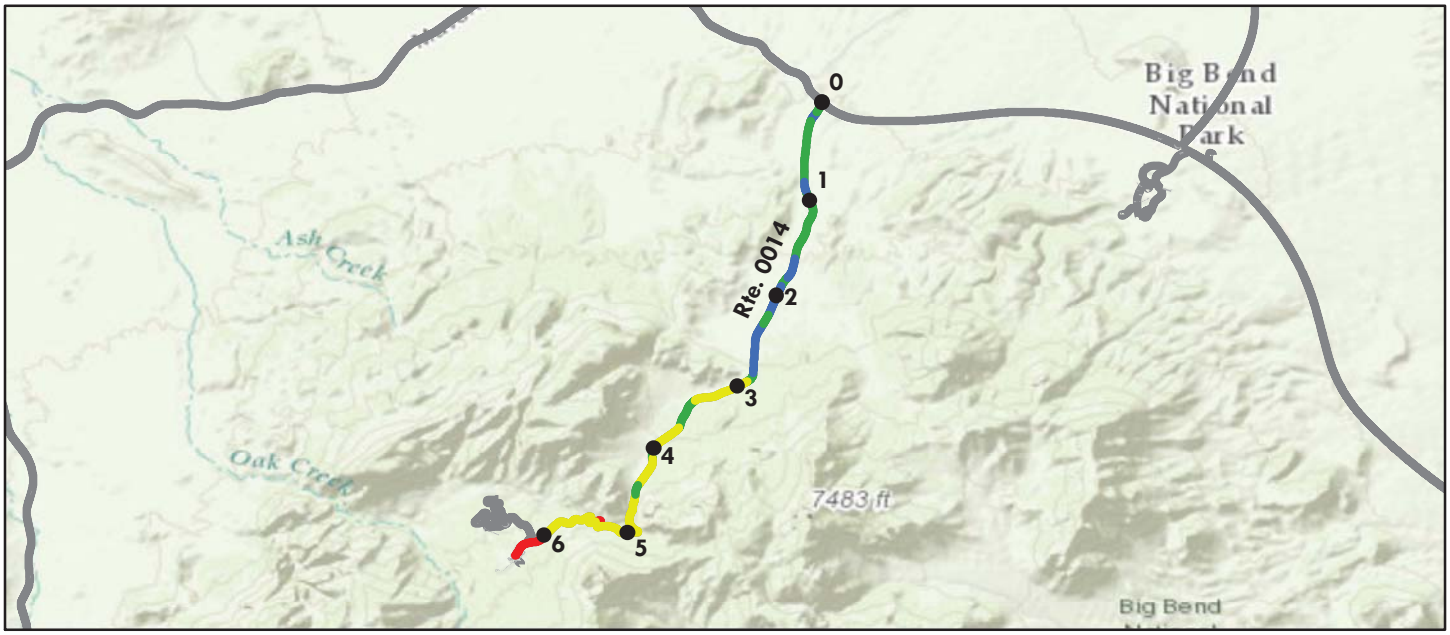
See Appendix for definitions and formulas

Inspection Date: 3/20/2017	**Beginning Section MP**	20	21			
Paved Length (Miles): 21.91	**Section Length (MI)**	1	0.91			
Surface Type: ASPHALT	**Route Summary**					
Roadway Condition Information						
Pavement Condition Rating (PCR)	93	92	80			
Surface Condition Rating (SCR)	88	87	84			
Roughness Condition Index (RCI)	100	100	75			
Distress Index Values						
Structural Crack Index	97	97	86			
Alligator Crack Index	100	100	100			
Longitudinal Crack Index	97	97	86			
Transverse Cracking Index	88	87	84			
Patching Index	100	100	100			
Rutting Index	99	99	95			
International Roughness Index (IRI)	88	114	185			
Lane & Width Information						
Number of Lanes	2	2	2			
Paved Width (ft)	23.4	25	25			
Lane Width (ft)	10	10.3	10.2			

Big Bend National Park

ROUTE 0014: CHISOS BASIN ROAD

Data Collection Vehicle (DCV) Rating



Sources: Esri, HERE, DeLorme, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), swisstopo, MapmyIndia, © OpenStreetMap contributors, and the GIS User Community

Route Condition Legend – Pavement Condition Rating (PCR)

Poor (0 - 60)	Fair (61- 84)	Good (85 - 94)	Excellent (95 - 100)	Not Rated

See Appendix for definitions and formulas

Inspection Date: 3/20/2017	**Beginning Section MP**	0	1	2	3	4
Paved Length (Miles): 6.34	**Section Length (MI)**	1	1	1	1	1
Surface Type: ASPHALT	**Route Summary**					
Roadway Condition Information						
Pavement Condition Rating (PCR)	88	93	93	95	86	81
Surface Condition Rating (SCR)	82	89	89	91	76	73
Roughness Condition Index (RCI)	98	100	100	100	100	92
Distress Index Values						
Structural Crack Index	82	98	94	93	76	73
Alligator Crack Index	100	100	100	100	100	100
Longitudinal Crack Index	82	98	94	93	76	73
Transverse Cracking Index	88	89	89	91	90	91
Patching Index	100	100	100	100	100	100
Rutting Index	98	100	100	98	99	98
International Roughness Index (IRI)	119	76	78	80	104	134
Lane & Width Information						
Number of Lanes	2	2	2	2	2	2
Paved Width (ft)	20.8	22	20	20.2	20.6	21.1
Lane Width (ft)	9.2	10	8.8	9.1	8.8	9

Big Bend National Park

ROUTE 0014: CHISOS BASIN ROAD

Data Collection Vehicle (DCV) Rating

Sources: Esri, HERE, DeLorme, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), swisstopo, MapmyIndia, © OpenStreetMap contributors, and the GIS User Community

Route Condition Legend – Pavement Condition Rating (PCR)

Poor (0 - 60)	Fair (61- 84)	Good (85 - 94)	Excellent (95 - 100)	Not Rated

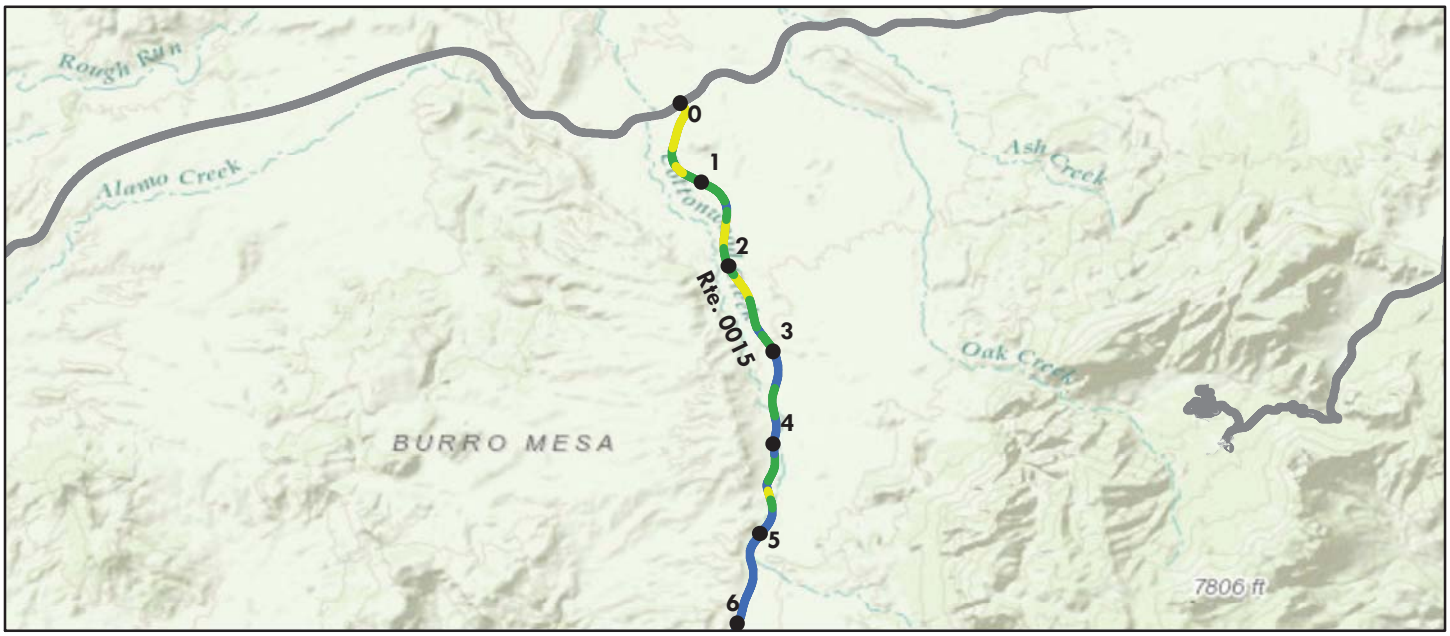
See Appendix for definitions and formulas

Inspection Date: 3/20/2017	**Beginning Section MP**	5	6			
Paved Length (Miles): 6.34	**Section Length (MI)**	1	0.34			
Surface Type: ASPHALT	**Route Summary**					
Roadway Condition Information						
Pavement Condition Rating (PCR)	88	69	54			
Surface Condition Rating (SCR)	82	66	62			
Roughness Condition Index (RCI)	98	73	41			
Distress Index Values						
Structural Crack Index	82	66	62			
Alligator Crack Index	100	100	100			
Longitudinal Crack Index	82	66	62			
Transverse Cracking Index	88	76	90			
Patching Index	100	100	100			
Rutting Index	98	97	93			
International Roughness Index (IRI)	119	192	330			
Lane & Width Information						
Number of Lanes	2	2	2			
Paved Width (ft)	20.8	21	21.2			
Lane Width (ft)	9.2	9.2	9.2			

Big Bend National Park

ROUTE 0015: ROSS MAXWELL SCENIC DRIVE

Data Collection Vehicle (DCV) Rating



Sources: Esri, HERE, DeLorme, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), swisstopo, MapmyIndia, © OpenStreetMap contributors, and the GIS User Community

Route Condition Legend – Pavement Condition Rating (PCR)

Poor (0 - 60)	Fair (61- 84)	Good (85 - 94)	Excellent (95 - 100)	Not Rated

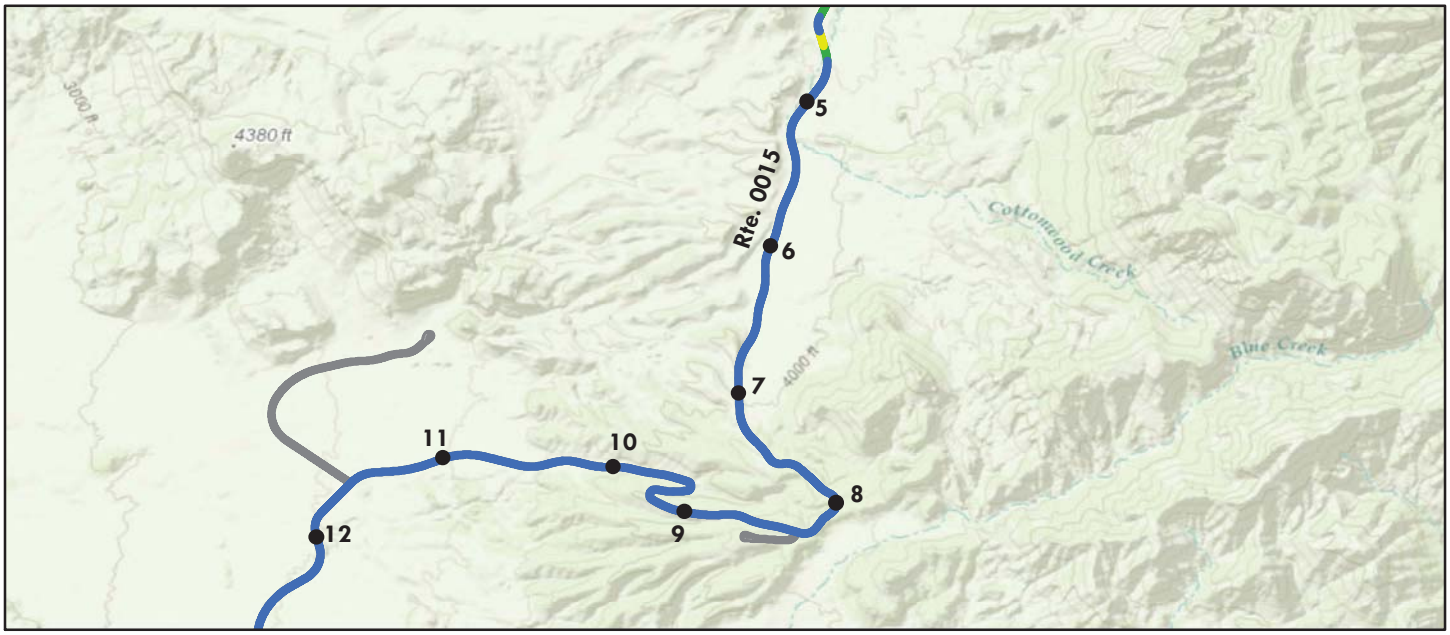
See Appendix for definitions and formulas

Inspection Date: 3/20/2017	**Beginning Section MP**	0	1	2	3	4
Paved Length (Miles): 23.25	**Section Length (MI)**	1	1	1	1	1
Surface Type: ASPHALT	**Route Summary**					
Roadway Condition Information						
Pavement Condition Rating (PCR)	96	82	88	88	97	93
Surface Condition Rating (SCR)	94	94	95	97	97	94
Roughness Condition Index (RCI)	99	64	77	74	96	92
Distress Index Values						
Structural Crack Index	98	96	98	99	100	100
Alligator Crack Index	100	100	100	100	100	100
Longitudinal Crack Index	98	96	98	99	100	100
Transverse Cracking Index	94	94	95	97	97	94
Patching Index	100	100	100	100	100	100
Rutting Index	100	98	100	100	100	100
International Roughness Index (IRI)	118	225	178	190	125	136
Lane & Width Information						
Number of Lanes	2	2	2	2	2	2
Paved Width (ft)	22.2	22.6	21.3	20.9	21.4	21.1
Lane Width (ft)	9.2	9.3	9.1	9.1	9.1	8.9

Big Bend National Park

ROUTE 0015: ROSS MAXWELL SCENIC DRIVE

Data Collection Vehicle (DCV) Rating



Sources: Esri, HERE, DeLorme, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), swisstopo, MapmyIndia, © OpenStreetMap contributors, and the GIS User Community

Route Condition Legend – Pavement Condition Rating (PCR)

Poor (0 - 60)	Fair (61- 84)	Good (85 - 94)	Excellent (95 - 100)	Not Rated

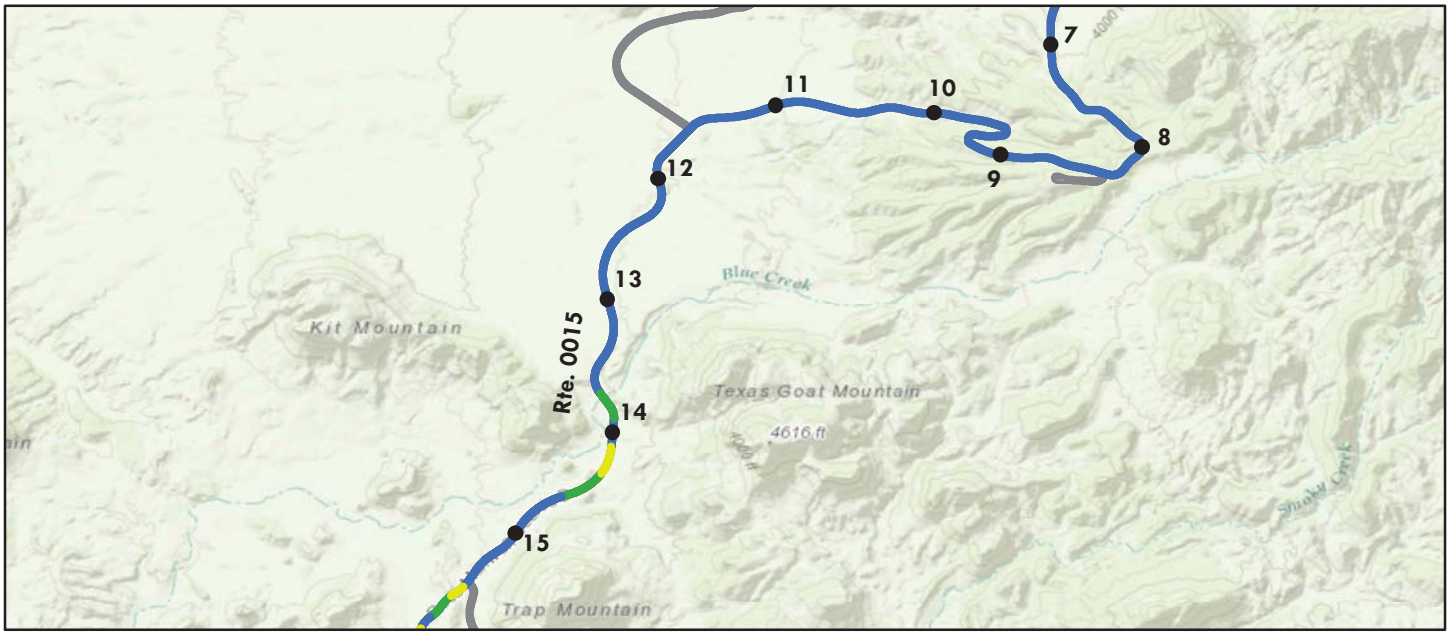
See Appendix for definitions and formulas

Inspection Date: 3/20/2017	**Beginning Section MP**	5	6	7	8	9
Paved Length (Miles): 23.25	**Section Length (MI)**	1	1	1	1	1
Surface Type: ASPHALT	**Route Summary**					
Roadway Condition Information						
Pavement Condition Rating (PCR)	96	99	99	99	99	100
Surface Condition Rating (SCR)	94	98	98	98	99	100
Roughness Condition Index (RCI)	99	100	100	100	100	100
Distress Index Values						
Structural Crack Index	98	100	100	100	100	100
Alligator Crack Index	100	100	100	100	100	100
Longitudinal Crack Index	98	100	100	100	100	100
Transverse Cracking Index	94	98	98	98	99	100
Patching Index	100	100	100	100	100	100
Rutting Index	100	100	100	99	100	100
International Roughness Index (IRI)	118	92	100	94	85	81
Lane & Width Information						
Number of Lanes	2	2	2	2	2	2
Paved Width (ft)	22.2	21.4	21.8	21.7	22.2	24
Lane Width (ft)	9.2	9	9.2	9.3	9.1	9.5

Big Bend National Park

ROUTE 0015: ROSS MAXWELL SCENIC DRIVE

Data Collection Vehicle (DCV) Rating



Sources: Esri, HERE, DeLorme, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), swisstopo, MapmyIndia, © OpenStreetMap contributors, and the GIS User Community

Route Condition Legend – Pavement Condition Rating (PCR)

Poor (0 - 60)	Fair (61- 84)	Good (85 - 94)	Excellent (95 - 100)	Not Rated

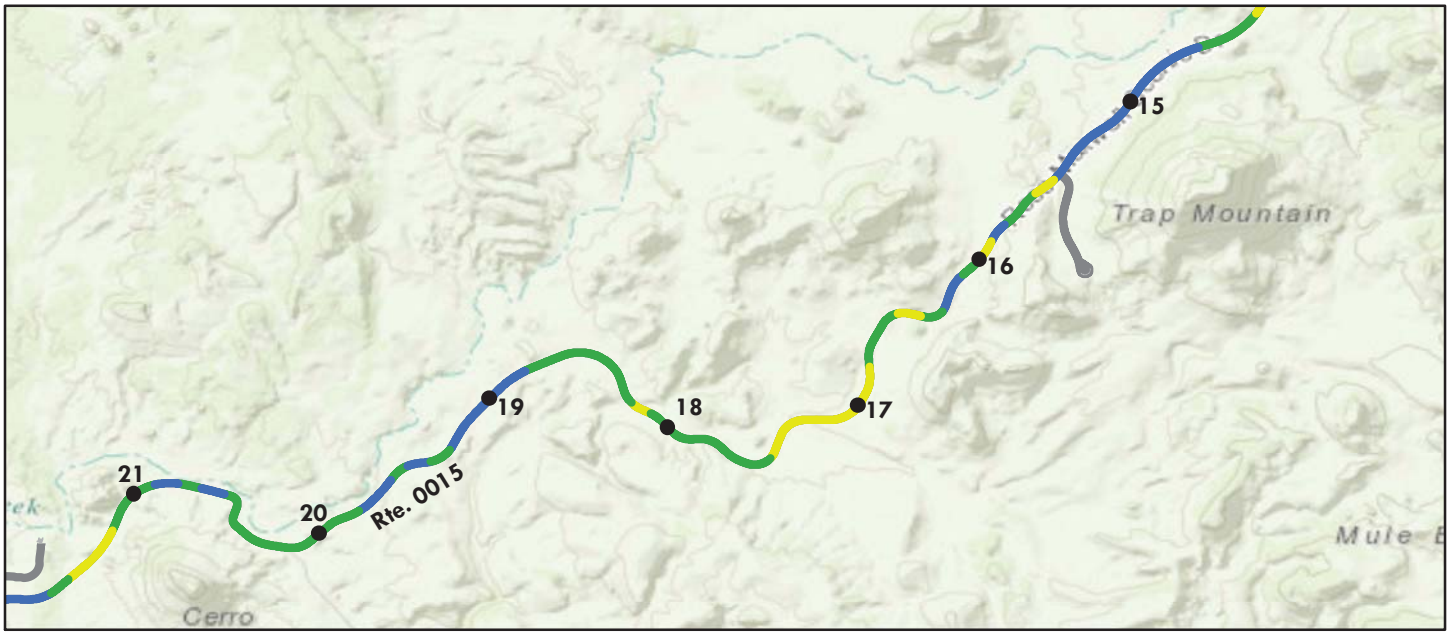
See Appendix for definitions and formulas

Inspection Date: 3/20/2017	**Beginning Section MP**	10	11	12	13	14
Paved Length (Miles): 23.25	**Section Length (MI)**	1	1	1	1	1
Surface Type: ASPHALT	**Route Summary**					
Roadway Condition Information						
Pavement Condition Rating (PCR)	96	100	99	99	98	90
Surface Condition Rating (SCR)	94	100	98	99	97	94
Roughness Condition Index (RCI)	99	100	100	100	100	84
Distress Index Values						
Structural Crack Index	98	100	100	100	100	94
Alligator Crack Index	100	100	100	100	100	100
Longitudinal Crack Index	98	100	100	100	100	94
Transverse Cracking Index	94	100	98	99	97	96
Patching Index	100	100	100	100	100	100
Rutting Index	100	100	100	100	100	99
International Roughness Index (IRI)	118	65	69	62	97	157
Lane & Width Information						
Number of Lanes	2	2	2	2	2	2
Paved Width (ft)	22.2	21.4	22.1	21.7	22.3	23.2
Lane Width (ft)	9.2	9.1	9.4	9.1	9.6	9.2

Big Bend National Park

ROUTE 0015: ROSS MAXWELL SCENIC DRIVE

Data Collection Vehicle (DCV) Rating



Sources: Esri, HERE, DeLorme, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), swisstopo, MapmyIndia, © OpenStreetMap contributors, and the GIS User Community

Route Condition Legend – Pavement Condition Rating (PCR)

Poor (0 - 60)	Fair (61- 84)	Good (85 - 94)	Excellent (95 - 100)	Not Rated

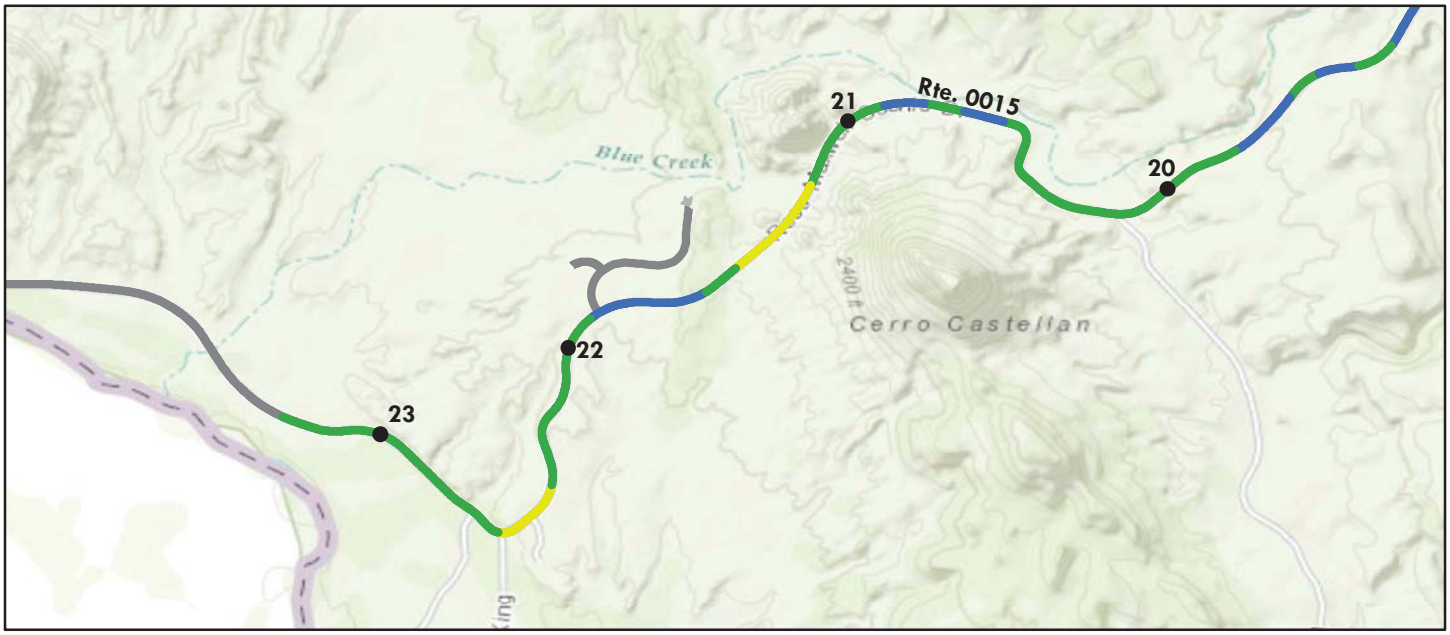
See Appendix for definitions and formulas

Inspection Date: 3/20/2017	**Beginning Section MP**	15	16	17	18	19
Paved Length (Miles): 23.25	**Section Length (MI)**	1	1	1	1	1
Surface Type: ASPHALT	**Route Summary**					
Roadway Condition Information						
Pavement Condition Rating (PCR)	96	96	87	80	92	95
Surface Condition Rating (SCR)	94	97	92	80	87	91
Roughness Condition Index (RCI)	99	94	80	81	100	100
Distress Index Values						
Structural Crack Index	98	98	96	94	98	100
Alligator Crack Index	100	100	100	100	100	100
Longitudinal Crack Index	98	98	96	94	98	100
Transverse Cracking Index	94	97	92	80	87	91
Patching Index	100	100	100	100	100	100
Rutting Index	100	100	99	99	100	100
International Roughness Index (IRI)	118	128	168	165	86	77
Lane & Width Information						
Number of Lanes	2	2	2	2	2	2
Paved Width (ft)	22.2	22.6	24.3	22.7	22.3	21.8
Lane Width (ft)	9.2	9.1	9.7	9.3	9.4	9.3

Big Bend National Park

ROUTE 0015: ROSS MAXWELL SCENIC DRIVE

Data Collection Vehicle (DCV) Rating



Sources: Esri, HERE, DeLorme, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), swisstopo, MapmyIndia, © OpenStreetMap contributors, and the GIS User Community

Route Condition Legend – Pavement Condition Rating (PCR)

Poor (0 - 60)	Fair (61- 84)	Good (85 - 94)	Excellent (95 - 100)	Not Rated

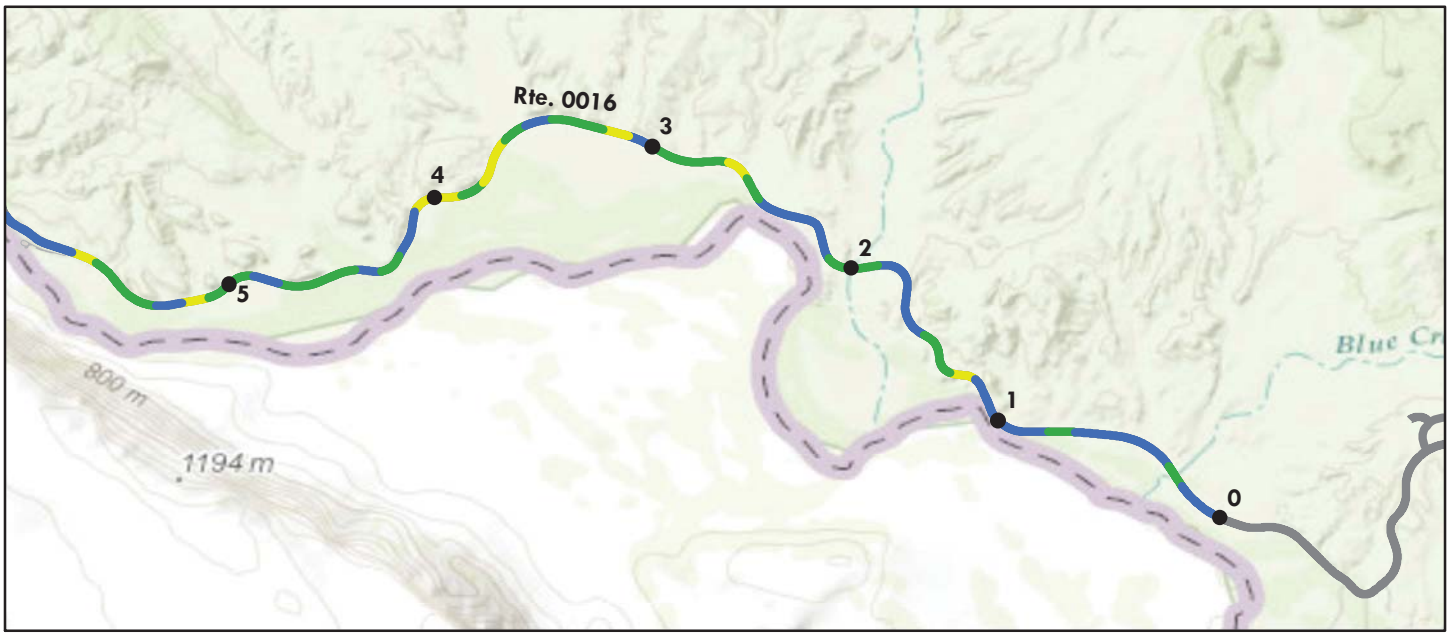
See Appendix for definitions and formulas

Inspection Date: 3/20/2017	**Beginning Section MP**	20	21	22	23	
Paved Length (Miles): 23.25	**Section Length (MI)**	1	1	1	0.25	
Surface Type: ASPHALT	**Route Summary**					
Roadway Condition Information						
Pavement Condition Rating (PCR)	96	92	89	91	92	
Surface Condition Rating (SCR)	94	86	87	85	87	
Roughness Condition Index (RCI)	99	100	93	100	100	
Distress Index Values						
Structural Crack Index	98	96	98	97	97	
Alligator Crack Index	100	100	100	100	100	
Longitudinal Crack Index	98	96	98	97	97	
Transverse Cracking Index	94	86	87	85	87	
Patching Index	100	100	100	100	100	
Rutting Index	100	100	100	100	100	
International Roughness Index (IRI)	118	106	131	112	104	
Lane & Width Information						
Number of Lanes	2	2	2	2	2	
Paved Width (ft)	22.2	22.6	22.7	22.3	22.2	
Lane Width (ft)	9.2	9.3	9.2	9.4	9.1	

Big Bend National Park

ROUTE 0016: SANTA ELENA CANYON ROAD

Data Collection Vehicle (DCV) Rating



Sources: Esri, HERE, DeLorme, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), swisstopo, MapmyIndia, © OpenStreetMap contributors, and the GIS User Community

Route Condition Legend – Pavement Condition Rating (PCR)

Poor (0 - 60)	Fair (61- 84)	Good (85 - 94)	Excellent (95 - 100)	Not Rated

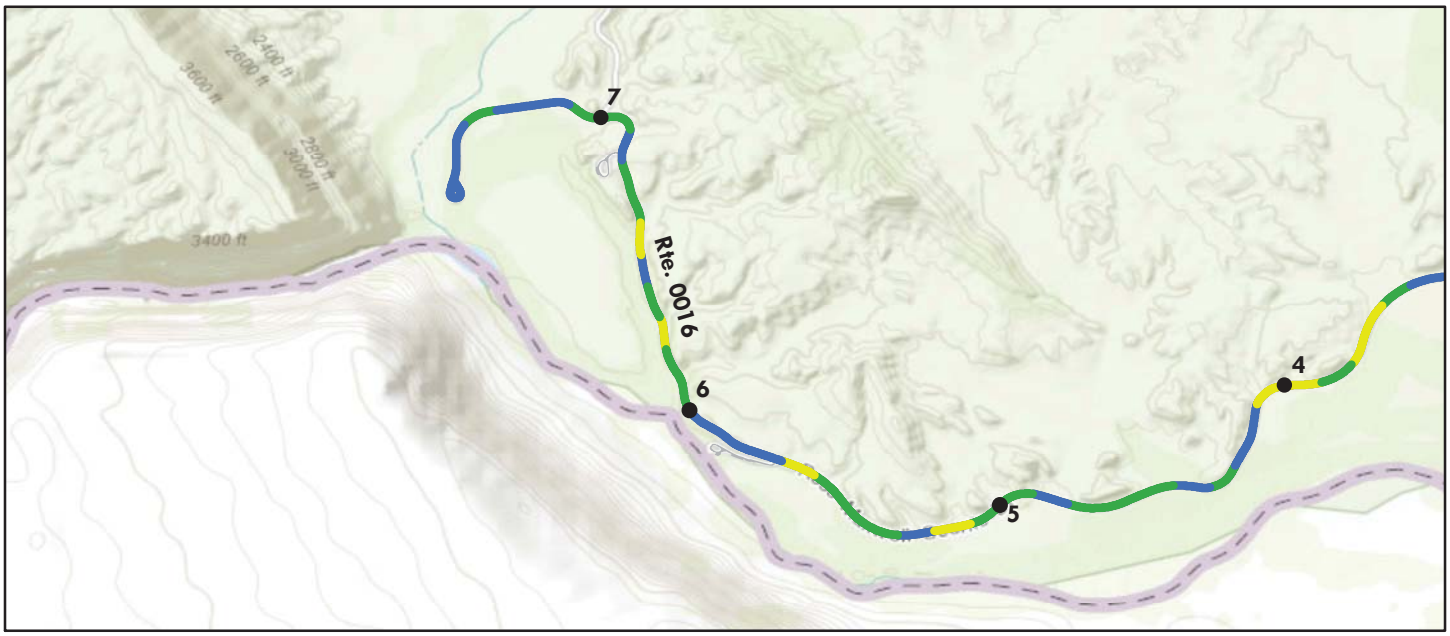
See Appendix for definitions and formulas

Inspection Date: 3/20/2017	**Beginning Section MP**	0	1	2	3	4
Paved Length (Miles): 7.70	**Section Length (MI)**	1	1	1	1	1
Surface Type: ASPHALT	**Route Summary**					
Roadway Condition Information						
Pavement Condition Rating (PCR)	93	97	95	94	85	93
Surface Condition Rating (SCR)	96	98	97	96	90	97
Roughness Condition Index (RCI)	88	95	92	91	78	86
Distress Index Values						
Structural Crack Index	98	99	99	99	94	99
Alligator Crack Index	100	100	100	100	100	100
Longitudinal Crack Index	98	99	99	99	94	99
Transverse Cracking Index	96	98	97	96	90	97
Patching Index	100	100	100	100	100	100
Rutting Index	98	99	99	99	98	98
International Roughness Index (IRI)	146	128	135	138	174	151
Lane & Width Information						
Number of Lanes	2	2	2	2	2	2
Paved Width (ft)	22.9	22.8	22.4	22.7	22.7	23.1
Lane Width (ft)	9.5	9.4	9.1	9.2	9.2	9.2

Big Bend National Park

ROUTE 0016: SANTA ELENA CANYON ROAD

Data Collection Vehicle (DCV) Rating



Sources: Esri, HERE, DeLorme, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), swisstopo, MapmyIndia, © OpenStreetMap contributors, and the GIS User Community

Route Condition Legend – Pavement Condition Rating (PCR)

Poor (0 - 60)	Fair (61- 84)	Good (85 - 94)	Excellent (95 - 100)	Not Rated

See Appendix for definitions and formulas

Inspection Date: 3/20/2017	**Beginning Section MP**	5	6	7		
Paved Length (Miles): 7.70	**Section Length (MI)**	1	1	0.70		
Surface Type: ASPHALT	**Route Summary**					
Roadway Condition Information						
Pavement Condition Rating (PCR)	93	94	90	97		
Surface Condition Rating (SCR)	96	97	97	98		
Roughness Condition Index (RCI)	88	90	80	96		
Distress Index Values						
Structural Crack Index	98	99	97	100		
Alligator Crack Index	100	100	100	100		
Longitudinal Crack Index	98	99	97	100		
Transverse Cracking Index	96	98	97	100		
Patching Index	100	100	100	100		
Rutting Index	98	97	98	98		
International Roughness Index (IRI)	146	140	168	126		
Lane & Width Information						
Number of Lanes	2	2	2	2		
Paved Width (ft)	22.9	22.7	22.4	24.4		
Lane Width (ft)	9.5	9.2	9.1	12.9		

Big Bend National Park

ROUTE 0103: FOSSIL BONE ROAD

Data Collection Vehicle (DCV) Rating

Sources: Esri, HERE, DeLorme, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), swisstopo, MapmyIndia, © OpenStreetMap contributors, and the GIS User Community

Route Condition Legend – Pavement Condition Rating (PCR)

Poor (0 - 60)	Fair (61- 84)	Good (85 - 94)	Excellent (95 - 100)	Not Rated

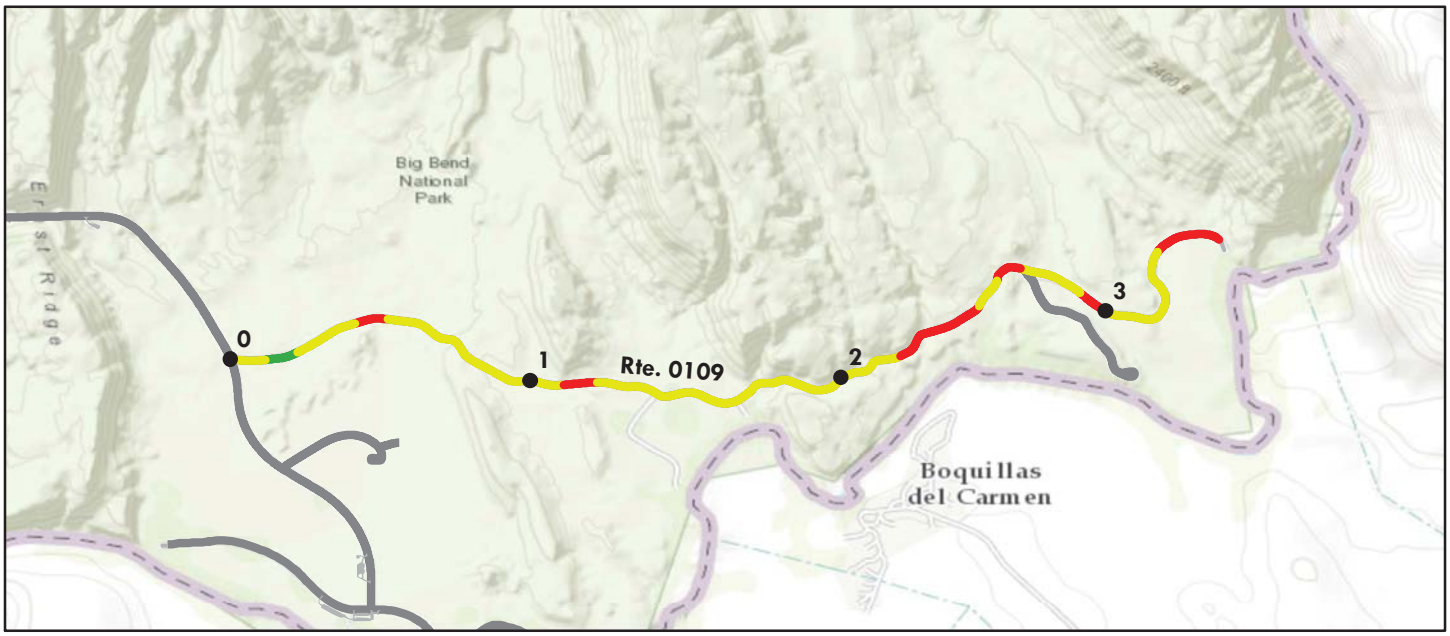
See Appendix for definitions and formulas

Inspection Date: 3/20/2017	**Beginning Section MP**	0				
Paved Length (Miles): 0.23	**Section Length (MI)**	0.23				
Surface Type: ASPHALT	**Route Summary**					
Roadway Condition Information						
Pavement Condition Rating (PCR)	83	83				
Surface Condition Rating (SCR)	83	83				
Roughness Condition Index (RCI)	N/A	N/A				
Distress Index Values						
Structural Crack Index	84	84				
Alligator Crack Index	100	100				
Longitudinal Crack Index	84	84				
Transverse Cracking Index	83	83				
Patching Index	100	100				
Rutting Index	98	98				
International Roughness Index (IRI)	N/A	N/A				
Lane & Width Information						
Number of Lanes	2	2				
Paved Width (ft)	22.5	22.5				
Lane Width (ft)	11.3	11.3				

Big Bend National Park

ROUTE 0109: BOQUILLAS CANYON ROAD

Data Collection Vehicle (DCV) Rating



Sources: Esri, HERE, DeLorme, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), swisstopo, MapmyIndia, © OpenStreetMap contributors, and the GIS User Community

Route Condition Legend – Pavement Condition Rating (PCR)

Poor (0 - 60)	Fair (61- 84)	Good (85 - 94)	Excellent (95 - 100)	Not Rated

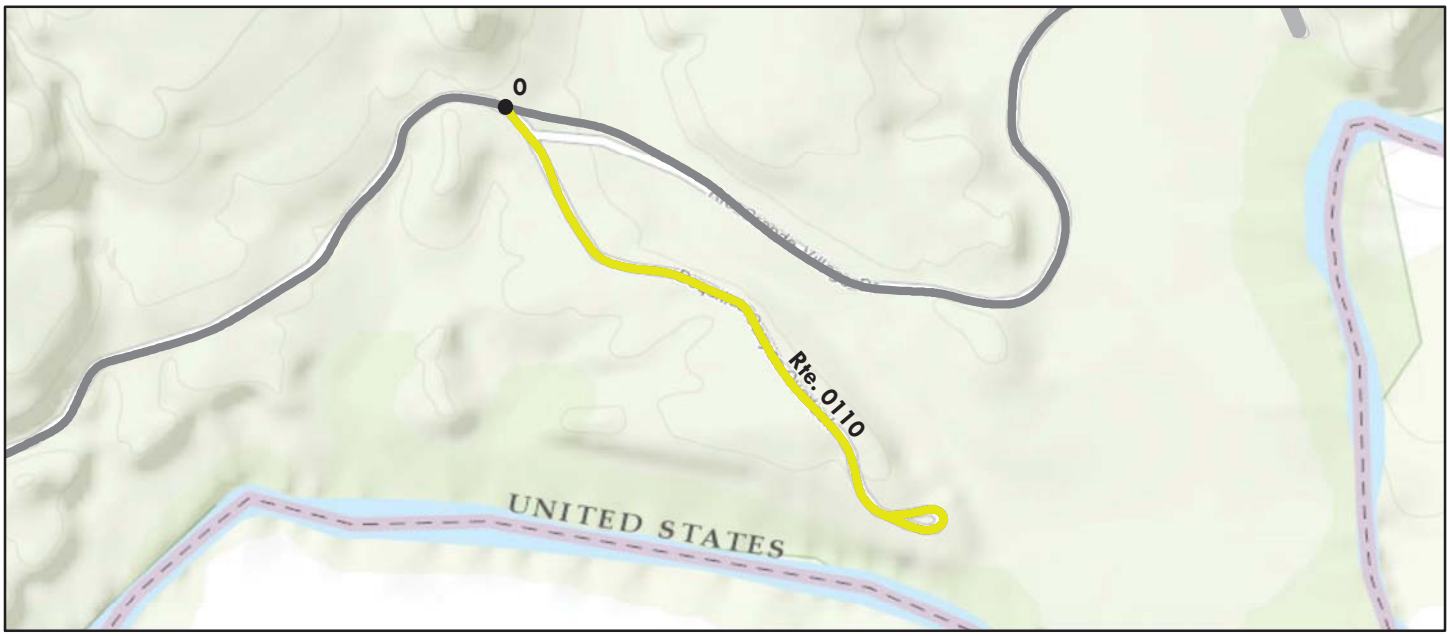
See Appendix for definitions and formulas

Inspection Date: 3/20/2017	**Beginning Section MP**	0	1	2	3	
Paved Length (Miles): 3.61	**Section Length (MI)**	1	1	1	0.61	
Surface Type: ASPHALT	**Route Summary**					
Roadway Condition Information						
Pavement Condition Rating (PCR)	68	76	75	58	51	
Surface Condition Rating (SCR)	74	80	87	66	40	
Roughness Condition Index (RCI)	59	70	58	47	67	
Distress Index Values						
Structural Crack Index	81	80	87	79	77	
Alligator Crack Index	100	100	99	100	100	
Longitudinal Crack Index	81	80	88	79	77	
Transverse Cracking Index	74	86	92	66	40	
Patching Index	100	100	100	100	100	
Rutting Index	89	90	88	88	90	
International Roughness Index (IRI)	242	200	247	298	214	
Lane & Width Information						
Number of Lanes	2	2	2	2	2	
Paved Width (ft)	18.9	19	18.7	18.9	19.1	
Lane Width (ft)	8.6	8.7	8.6	8.5	8.7	

Big Bend National Park

ROUTE 0110: BOQUILLAS CANYON OVERLOOK

Data Collection Vehicle (DCV) Rating



Sources: Esri, HERE, DeLorme, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), swisstopo, MapmyIndia, © OpenStreetMap contributors, and the GIS User Community

Route Condition Legend – Pavement Condition Rating (PCR)

Poor (0 - 60)	Fair (61- 84)	Good (85 - 94)	Excellent (95 - 100)	Not Rated

See Appendix for definitions and formulas

Inspection Date: 3/20/2017	**Beginning Section MP**	0				
Paved Length (Miles): 0.57	**Section Length (MI)**	0.57				
Surface Type: ASPHALT	**Route Summary**					
Roadway Condition Information						
Pavement Condition Rating (PCR)	73	73				
Surface Condition Rating (SCR)	89	89				
Roughness Condition Index (RCI)	49	49				
Distress Index Values						
Structural Crack Index	90	90				
Alligator Crack Index	100	100				
Longitudinal Crack Index	90	90				
Transverse Cracking Index	89	89				
Patching Index	99	99				
Rutting Index	92	92				
International Roughness Index (IRI)	289	289				
Lane & Width Information						
Number of Lanes	2	2				
Paved Width (ft)	17.8	17.8				
Lane Width (ft)	9.5	9.5				

Big Bend National Park

ROUTE 0112: SOTOL VISTA OVERLOOK ROAD

Data Collection Vehicle (DCV) Rating

Sources: Esri, HERE, DeLorme, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), swisstopo, MapmyIndia, © OpenStreetMap contributors, and the GIS User Community

Route Condition Legend – Pavement Condition Rating (PCR)

Poor (0 - 60)	Fair (61- 84)	Good (85 - 94)	Excellent (95 - 100)	Not Rated

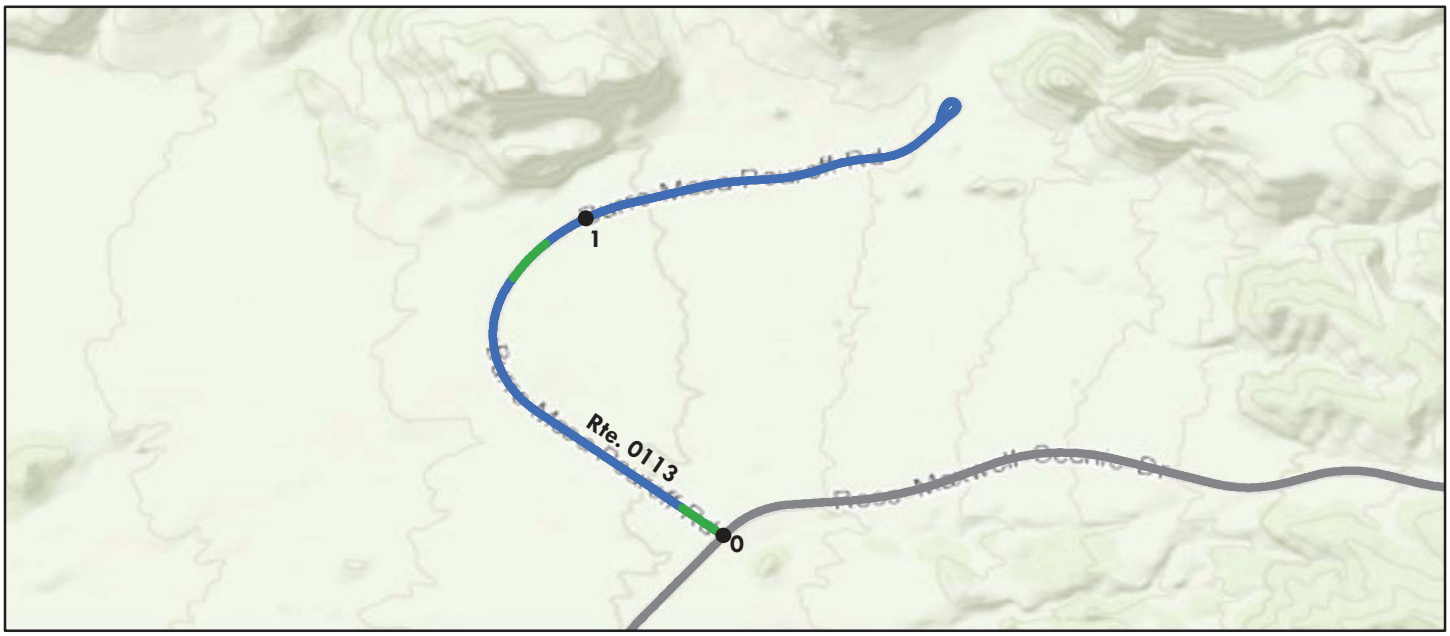
See Appendix for definitions and formulas

Inspection Date: 3/20/2017	**Beginning Section MP**	0				
Paved Length (Miles): 0.41	**Section Length (MI)**	0.41				
Surface Type: ASPHALT	**Route Summary**					
Roadway Condition Information						
Pavement Condition Rating (PCR)	98	98				
Surface Condition Rating (SCR)	98	98				
Roughness Condition Index (RCI)	N/A	N/A				
Distress Index Values						
Structural Crack Index	100	100				
Alligator Crack Index	100	100				
Longitudinal Crack Index	100	100				
Transverse Cracking Index	100	100				
Patching Index	100	100				
Rutting Index	98	98				
International Roughness Index (IRI)	N/A	N/A				
Lane & Width Information						
Number of Lanes	2	2				
Paved Width (ft)	19.7	19.7				
Lane Width (ft)	10.2	10.2				

Big Bend National Park

ROUTE 0113: BURRO MESA POUROFF ROAD

Data Collection Vehicle (DCV) Rating



Sources: Esri, HERE, DeLorme, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), swisstopo, MapmyIndia, © OpenStreetMap contributors, and the GIS User Community

Route Condition Legend – Pavement Condition Rating (PCR)

Poor (0 - 60)	Fair (61- 84)	Good (85 - 94)	Excellent (95 - 100)	Not Rated

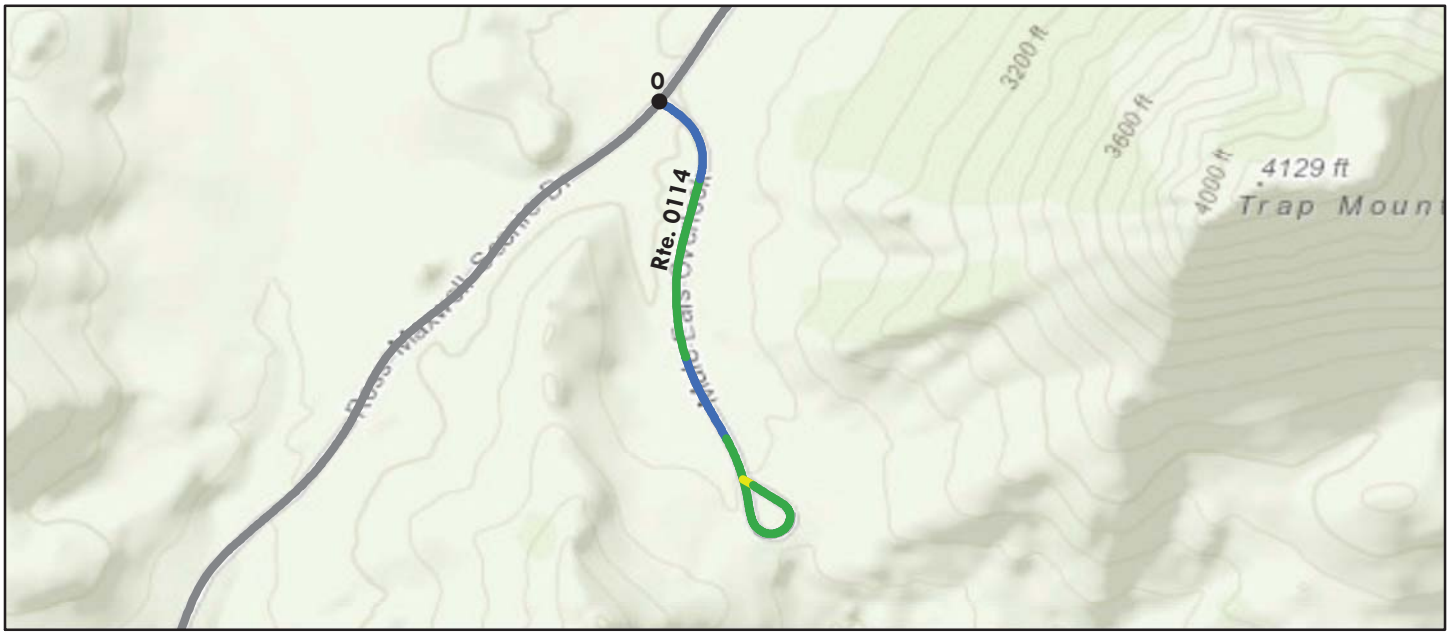
See Appendix for definitions and formulas

Inspection Date: 3/20/2017	**Beginning Section MP**	0	1			
Paved Length (Miles): 1.86	**Section Length (MI)**	1	0.86			
Surface Type: ASPHALT	**Route Summary**					
Roadway Condition Information						
Pavement Condition Rating (PCR)	98	98	98			
Surface Condition Rating (SCR)	96	96	97			
Roughness Condition Index (RCI)	100	100	100			
Distress Index Values						
Structural Crack Index	100	100	100			
Alligator Crack Index	100	100	100			
Longitudinal Crack Index	100	100	100			
Transverse Cracking Index	96	96	97			
Patching Index	100	100	100			
Rutting Index	99	99	99			
International Roughness Index (IRI)	95	104	82			
Lane & Width Information						
Number of Lanes	2	2	2			
Paved Width (ft)	22.1	22.6	21.5			
Lane Width (ft)	11.5	11.3	11.7			

Big Bend National Park

ROUTE 0114: MULE EARS OVERLOOK ROAD

Data Collection Vehicle (DCV) Rating



Sources: Esri, HERE, DeLorme, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), swisstopo, MapmyIndia, © OpenStreetMap contributors, and the GIS User Community

Route Condition Legend – Pavement Condition Rating (PCR)

Poor (0 - 60)	Fair (61- 84)	Good (85 - 94)	Excellent (95 - 100)	Not Rated

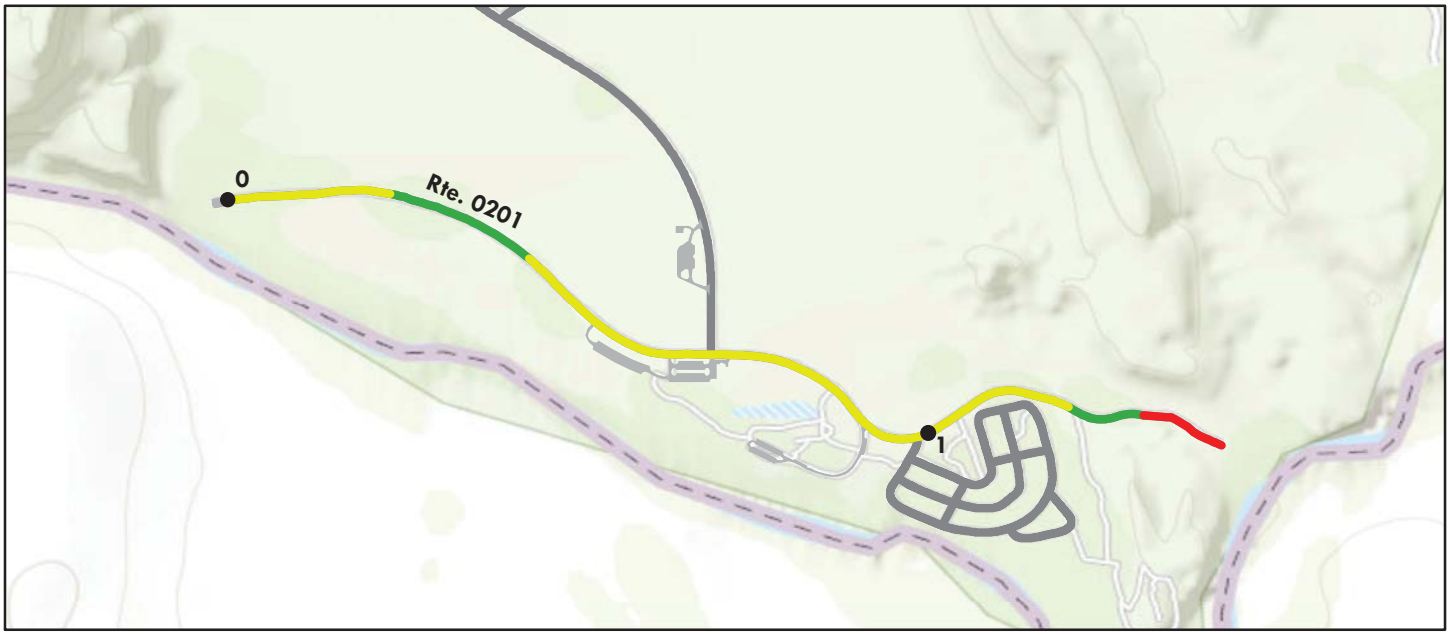
See Appendix for definitions and formulas

Inspection Date: 3/20/2017	**Beginning Section MP**	0				
Paved Length (Miles): 0.61	**Section Length (MI)**	0.61				
Surface Type: ASPHALT	**Route Summary**					
Roadway Condition Information						
Pavement Condition Rating (PCR)	93	93				
Surface Condition Rating (SCR)	95	95				
Roughness Condition Index (RCI)	91	91				
Distress Index Values						
Structural Crack Index	97	97				
Alligator Crack Index	100	100				
Longitudinal Crack Index	97	97				
Transverse Cracking Index	95	95				
Patching Index	100	100				
Rutting Index	96	96				
International Roughness Index (IRI)	138	138				
Lane & Width Information						
Number of Lanes	2	2				
Paved Width (ft)	22	22				
Lane Width (ft)	13.8	13.8				

Big Bend National Park

ROUTE 0201: RIO GRANDE VILLAGE ROAD

Data Collection Vehicle (DCV) Rating



Sources: Esri, HERE, DeLorme, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), swisstopo, MapmyIndia, © OpenStreetMap contributors, and the GIS User Community

Route Condition Legend – Pavement Condition Rating (PCR)

Poor (0 - 60)	Fair (61- 84)	Good (85 - 94)	Excellent (95 - 100)	Not Rated

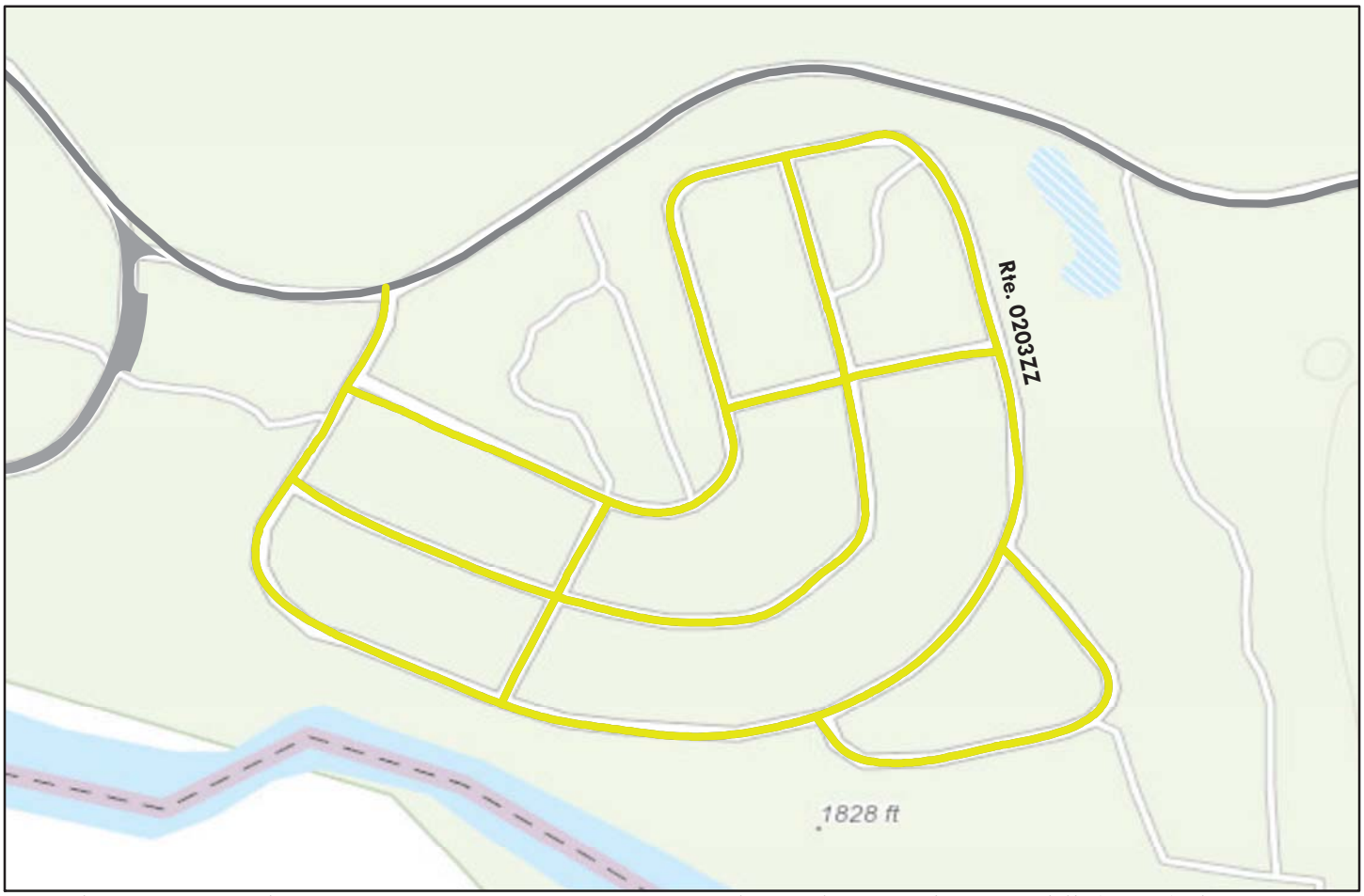
See Appendix for definitions and formulas

Inspection Date: 3/20/2017	**Beginning Section MP**	0	1			
Paved Length (Miles): 1.41	**Section Length (MI)**	1	0.41			
Surface Type: ASPHALT	**Route Summary**					
Roadway Condition Information						
Pavement Condition Rating (PCR)	77	82	63			
Surface Condition Rating (SCR)	88	94	63			
Roughness Condition Index (RCI)	60	63	N/A			
Distress Index Values						
Structural Crack Index	90	95	71			
Alligator Crack Index	100	100	100			
Longitudinal Crack Index	90	95	71			
Transverse Cracking Index	88	95	63			
Patching Index	97	96	100			
Rutting Index	94	94	94			
International Roughness Index (IRI)	240	226	N/A			
Lane & Width Information						
Number of Lanes	2	2	2			
Paved Width (ft)	16.6	16.7	15.9			
Lane Width (ft)	8.4	8.3	8.4			

Big Bend National Park

ROUTE 0203ZZ: RIO GRANDE VILLAGE CAMPGROUND

Summary Route



Sources: Esri, HERE, DeLorme, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), swisstopo, MapmyIndia, © OpenStreetMap contributors, and the GIS User Community

Note: The weighted average summary PCR value is calculated from only the sections of road where the PCR was collected. The overall PCR for the summary route may not reflect individual subcomponent ratings.

Route Condition Legend – Pavement Condition Rating (PCR)

Poor (0 - 60)	Fair (61- 84)	Good (85 - 94)	Excellent (95 - 100)	Not Rated

See Appendix for definitions and formulas

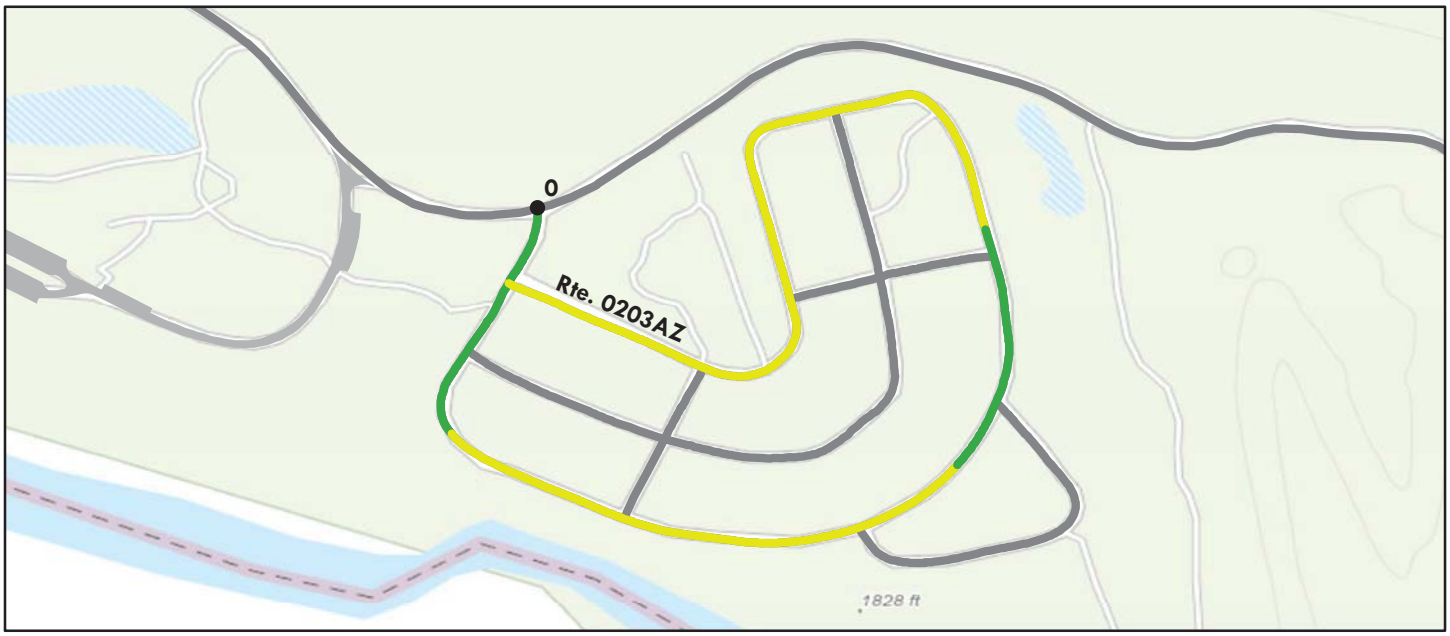
Inspection Date: 3/20/2017	
Paved Length (Miles): 1.31	
Surface Type: ASPHALT	**Route Summary**
Roadway Condition Information	
Pavement Condition Rating (PCR)	81
Lane & Width Information	
Number of Lanes	1
Paved Width (ft)	15.3
Lane Width (ft)	9

Big Bend National Park

ROUTE 0203AZ: RIO GRANDE VILLAGE CAMPGROUND LOOP A

Subcomponent of Route BIBE-0203ZZ

Data Collection Vehicle (DCV) Rating



Sources: Esri, HERE, DeLorme, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), swisstopo, MapmyIndia, © OpenStreetMap contributors, and the GIS User Community

Route Condition Legend – Pavement Condition Rating (PCR)

Poor (0 - 60)	Fair (61- 84)	Good (85 - 94)	Excellent (95 - 100)	Not Rated

See Appendix for definitions and formulas

Inspection Date: 3/20/2017	**Beginning Section MP**	0				
Paved Length (Miles): 0.73	**Section Length (MI)**	0.73				
Surface Type: ASPHALT	**Route Summary**					
Roadway Condition Information						
Pavement Condition Rating (PCR)	82	82				
Surface Condition Rating (SCR)	82	82				
Roughness Condition Index (RCI)	N/A	N/A				
Distress Index Values						
Structural Crack Index	89	89				
Alligator Crack Index	100	100				
Longitudinal Crack Index	89	89				
Transverse Cracking Index	82	82				
Patching Index	98	98				
Rutting Index	87	87				
International Roughness Index (IRI)	N/A	N/A				
Lane & Width Information						
Number of Lanes	2	2				
Paved Width (ft)	16.3	16.3				
Lane Width (ft)	8.2	8.2				

Big Bend National Park

ROUTE 0203BZ: RIO GRANDE VILLAGE CAMPGROUND LOOP B

Subcomponent of Route BIBE-0203ZZ

Data Collection Vehicle (DCV) Rating

Sources: Esri, HERE, DeLorme, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), swisstopo, MapmyIndia, © OpenStreetMap contributors, and the GIS User Community

Route Condition Legend – Pavement Condition Rating (PCR)

Poor (0 - 60)	Fair (61- 84)	Good (85 - 94)	Excellent (95 - 100)	Not Rated

See Appendix for definitions and formulas

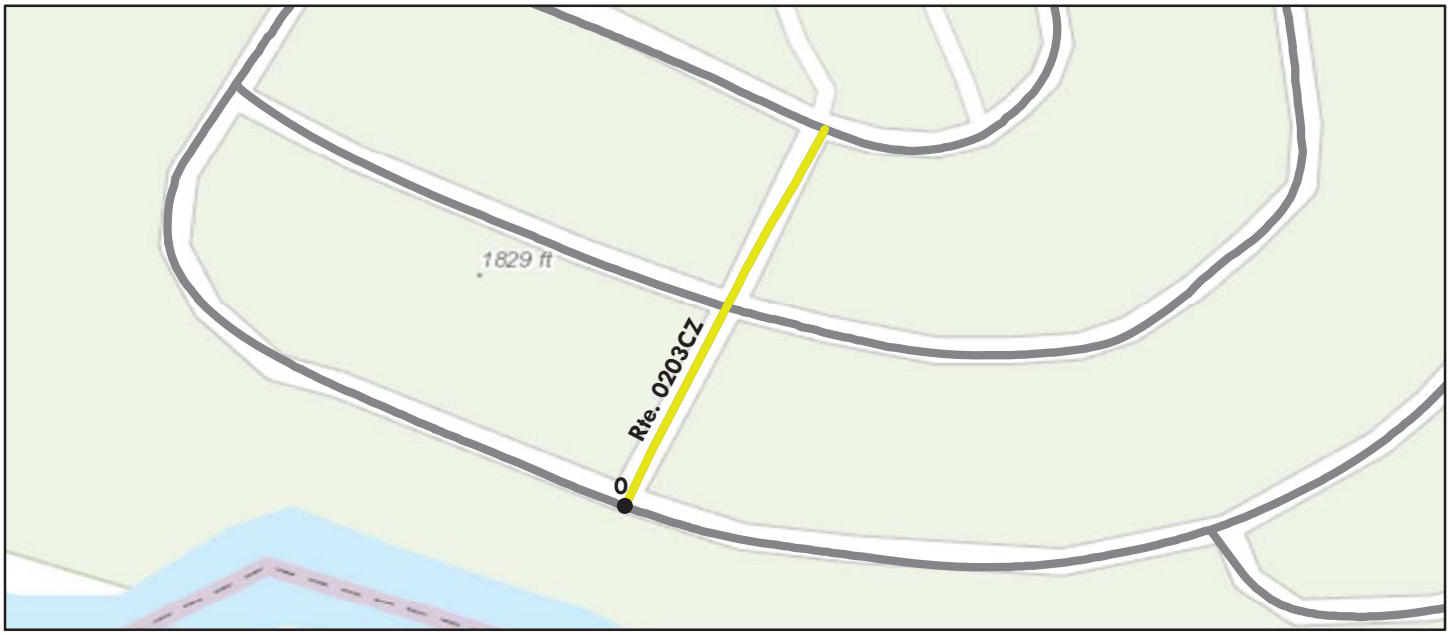
Inspection Date: 3/20/2017	**Beginning Section MP**	0				
Paved Length (Miles): 0.29	**Section Length (MI)**	0.29				
Surface Type: ASPHALT	**Route Summary**					
Roadway Condition Information						
Pavement Condition Rating (PCR)	78	78				
Surface Condition Rating (SCR)	78	78				
Roughness Condition Index (RCI)	N/A	N/A				
Distress Index Values						
Structural Crack Index	89	89				
Alligator Crack Index	100	100				
Longitudinal Crack Index	89	89				
Transverse Cracking Index	78	78				
Patching Index	98	98				
Rutting Index	86	86				
International Roughness Index (IRI)	N/A	N/A				
Lane & Width Information						
Number of Lanes	2	2				
Paved Width (ft)	15.3	15.3				
Lane Width (ft)	7.6	7.6				

Big Bend National Park

ROUTE 0203CZ: RIO GRANDE VILLAGE CAMPGROUND LOOP C

Subcomponent of Route BIBE-0203ZZ

Data Collection Vehicle (DCV) Rating



Sources: Esri, HERE, DeLorme, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), swisstopo, MapmyIndia, © OpenStreetMap contributors, and the GIS User Community

Route Condition Legend – Pavement Condition Rating (PCR)

Poor (0 - 60)	Fair (61- 84)	Good (85 - 94)	Excellent (95 - 100)	Not Rated

See Appendix for definitions and formulas

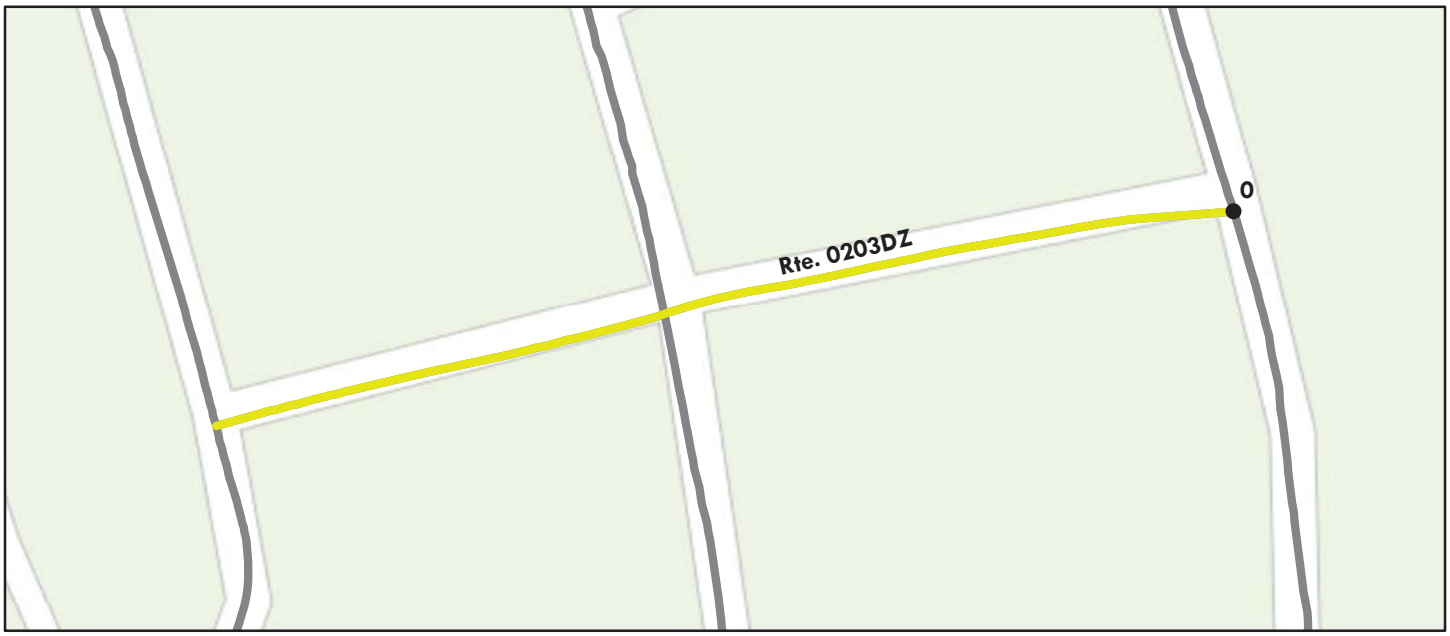
Inspection Date: 3/20/2017	**Beginning Section MP**	0				
Paved Length (Miles): 0.07	**Section Length (MI)**	0.07				
Surface Type: ASPHALT	**Route Summary**					
Roadway Condition Information						
Pavement Condition Rating (PCR)	75	75				
Surface Condition Rating (SCR)	75	75				
Roughness Condition Index (RCI)	N/A	N/A				
Distress Index Values						
Structural Crack Index	93	93				
Alligator Crack Index	100	100				
Longitudinal Crack Index	93	93				
Transverse Cracking Index	82	82				
Patching Index	100	100				
Rutting Index	75	75				
International Roughness Index (IRI)	N/A	N/A				
Lane & Width Information						
Number of Lanes	1	1				
Paved Width (ft)	13.3	13.3				
Lane Width (ft)	13.3	13.3				

Big Bend National Park

ROUTE 0203DZ: RIO GRANDE VILLAGE CAMPGROUND LOOP D

Subcomponent of Route BIBE-0203ZZ

Data Collection Vehicle (DCV) Rating



Sources: Esri, HERE, DeLorme, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), swisstopo, MapmyIndia, © OpenStreetMap contributors, and the GIS User Community

Route Condition Legend – Pavement Condition Rating (PCR)

Poor (0 - 60)	Fair (61- 84)	Good (85 - 94)	Excellent (95 - 100)	Not Rated

See Appendix for definitions and formulas

Inspection Date: 3/20/2017	**Beginning Section MP**	0				
Paved Length (Miles): 0.08	**Section Length (MI)**	0.08				
Surface Type: ASPHALT	**Route Summary**					
Roadway Condition Information						
Pavement Condition Rating (PCR)	79	79				
Surface Condition Rating (SCR)	79	79				
Roughness Condition Index (RCI)	N/A	N/A				
Distress Index Values						
Structural Crack Index	84	84				
Alligator Crack Index	97	97				
Longitudinal Crack Index	87	87				
Transverse Cracking Index	79	79				
Patching Index	98	98				
Rutting Index	86	86				
International Roughness Index (IRI)	N/A	N/A				
Lane & Width Information						
Number of Lanes	1	1				
Paved Width (ft)	11.5	11.5				
Lane Width (ft)	11.5	11.5				

Big Bend National Park

ROUTE 0203EZ: RIO GRANDE VILLAGE CAMPGROUND LOOP E

Subcomponent of Route BIBE-0203ZZ

Data Collection Vehicle (DCV) Rating

Sources: Esri, HERE, DeLorme, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), swisstopo, MapmyIndia, © OpenStreetMap contributors, and the GIS User Community

Route Condition Legend – Pavement Condition Rating (PCR)

Poor (0 - 60)	Fair (61- 84)	Good (85 - 94)	Excellent (95 - 100)	Not Rated

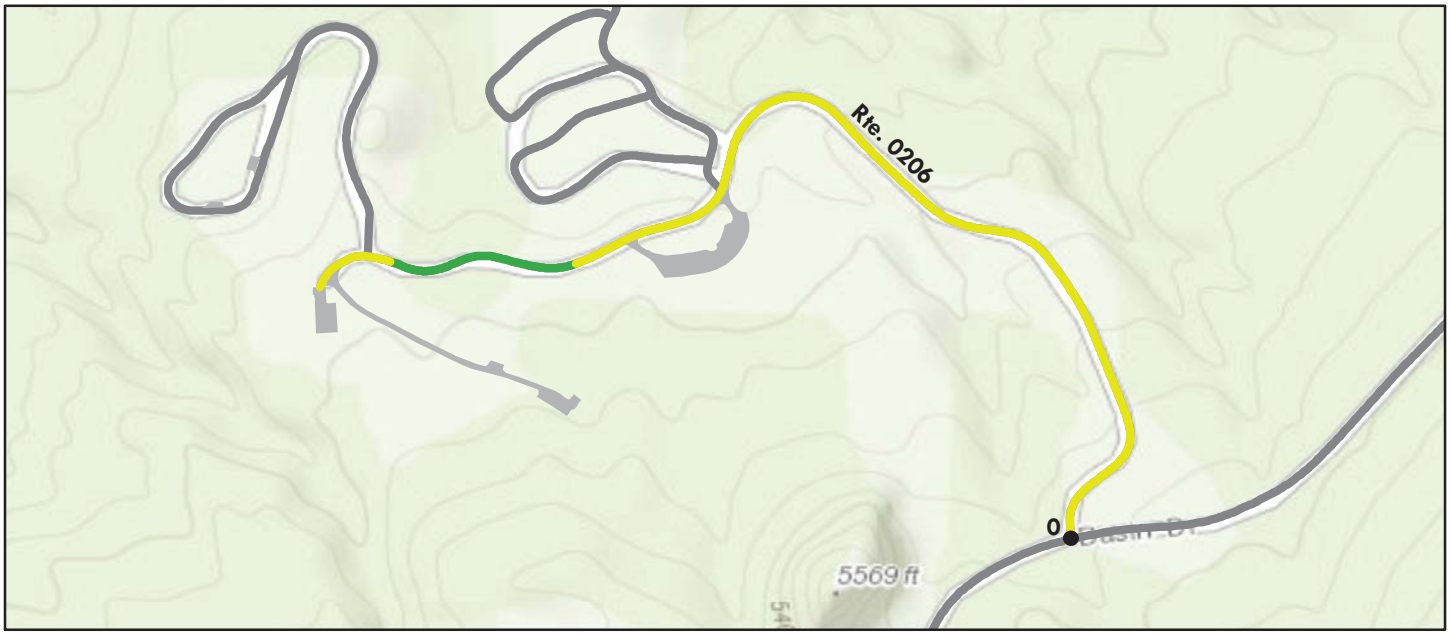
See Appendix for definitions and formulas

Inspection Date: 3/20/2017	**Beginning Section MP**	0				
Paved Length (Miles): 0.14	**Section Length (MI)**	0.14				
Surface Type: ASPHALT	**Route Summary**					
Roadway Condition Information						
Pavement Condition Rating (PCR)	82	82				
Surface Condition Rating (SCR)	82	82				
Roughness Condition Index (RCI)	N/A	N/A				
Distress Index Values						
Structural Crack Index	89	89				
Alligator Crack Index	100	100				
Longitudinal Crack Index	89	89				
Transverse Cracking Index	82	82				
Patching Index	100	100				
Rutting Index	87	87				
International Roughness Index (IRI)	N/A	N/A				
Lane & Width Information						
Number of Lanes	1	1				
Paved Width (ft)	12.8	12.8				
Lane Width (ft)	12.8	12.8				

Big Bend National Park

ROUTE 0206: LOWER BASIN CAMPGROUND ROAD

Data Collection Vehicle (DCV) Rating



Sources: Esri, HERE, DeLorme, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), swisstopo, MapmyIndia, © OpenStreetMap contributors, and the GIS User Community

Route Condition Legend – Pavement Condition Rating (PCR)

Poor (0 - 60)	Fair (61- 84)	Good (85 - 94)	Excellent (95 - 100)	Not Rated

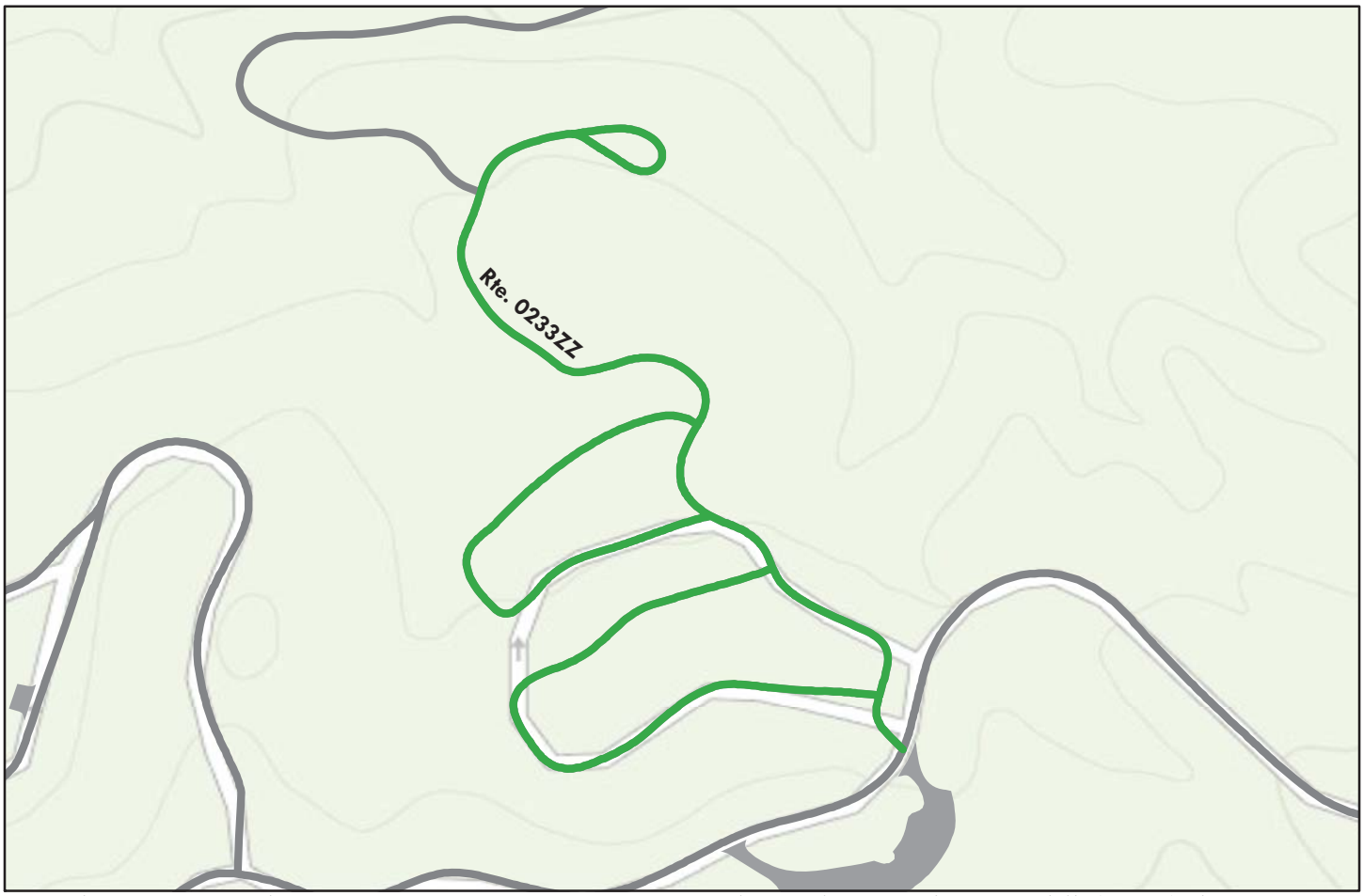
See Appendix for definitions and formulas

Inspection Date: 3/20/2017	**Beginning Section MP**	0				
Paved Length (Miles): 0.63	**Section Length (MI)**	0.63				
Surface Type: ASPHALT	**Route Summary**					
Roadway Condition Information						
Pavement Condition Rating (PCR)	82	82				
Surface Condition Rating (SCR)	82	82				
Roughness Condition Index (RCI)	N/A	N/A				
Distress Index Values						
Structural Crack Index	92	92				
Alligator Crack Index	100	100				
Longitudinal Crack Index	92	92				
Transverse Cracking Index	82	82				
Patching Index	100	100				
Rutting Index	98	98				
International Roughness Index (IRI)	N/A	N/A				
Lane & Width Information						
Number of Lanes	2	2				
Paved Width (ft)	20.9	20.9				
Lane Width (ft)	9	9				

Big Bend National Park

ROUTE 0233ZZ: CLASS A CAMPGROUND - CHISOS BASIN

Summary Route



Sources: Esri, HERE, DeLorme, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), swisstopo, MapmyIndia, © OpenStreetMap contributors, and the GIS User Community

Note: The weighted average summary PCR value is calculated from only the sections of road where the PCR was collected. The overall PCR for the summary route may not reflect individual subcomponent ratings.

Route Condition Legend – Pavement Condition Rating (PCR)

Poor (0 - 60)	Fair (61- 84)	Good (85 - 94)	Excellent (95 - 100)	Not Rated

See Appendix for definitions and formulas

Inspection Date: 3/20/2017	
Paved Length (Miles): 0.71	
Surface Type: ASPHALT	**Route Summary**
Roadway Condition Information	
Pavement Condition Rating (PCR)	94
Lane & Width Information	
Number of Lanes	1
Paved Width (ft)	18.3
Lane Width (ft)	14.2

Big Bend National Park

ROUTE 0233AZ: CLASS A CAMPGROUND - CHISOS BASIN LOOP A

Subcomponent of Route BIBE-0233ZZ

Data Collection Vehicle (DCV) Rating

Sources: Esri, HERE, DeLorme, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), swisstopo, MapmyIndia, © OpenStreetMap contributors, and the GIS User Community

Route Condition Legend – Pavement Condition Rating (PCR)

Poor (0 - 60)	Fair (61- 84)	Good (85 - 94)	Excellent (95 - 100)	Not Rated

See Appendix for definitions and formulas

Inspection Date: 3/20/2017	**Beginning Section MP**	0				
Paved Length (Miles): 0.20	**Section Length (MI)**	0.20				
Surface Type: ASPHALT	**Route Summary**					
Roadway Condition Information						
Pavement Condition Rating (PCR)	93	93				
Surface Condition Rating (SCR)	93	93				
Roughness Condition Index (RCI)	N/A	N/A				
Distress Index Values						
Structural Crack Index	97	97				
Alligator Crack Index	99	99				
Longitudinal Crack Index	98	98				
Transverse Cracking Index	98	98				
Patching Index	100	100				
Rutting Index	93	93				
International Roughness Index (IRI)	N/A	N/A				
Lane & Width Information						
Number of Lanes	1	1				
Paved Width (ft)	18.8	18.8				
Lane Width (ft)	18.8	18.8				

Big Bend National Park

ROUTE 0233BZ: CLASS A CAMPGROUND - CHISOS BASIN LOOP B

Subcomponent of Route BIBE-0233ZZ

Data Collection Vehicle (DCV) Rating

Sources: Esri, HERE, DeLorme, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), swisstopo, MapmyIndia, © OpenStreetMap contributors, and the GIS User Community

Route Condition Legend – Pavement Condition Rating (PCR)

Poor (0 - 60)	Fair (61- 84)	Good (85 - 94)	Excellent (95 - 100)	Not Rated

See Appendix for definitions and formulas

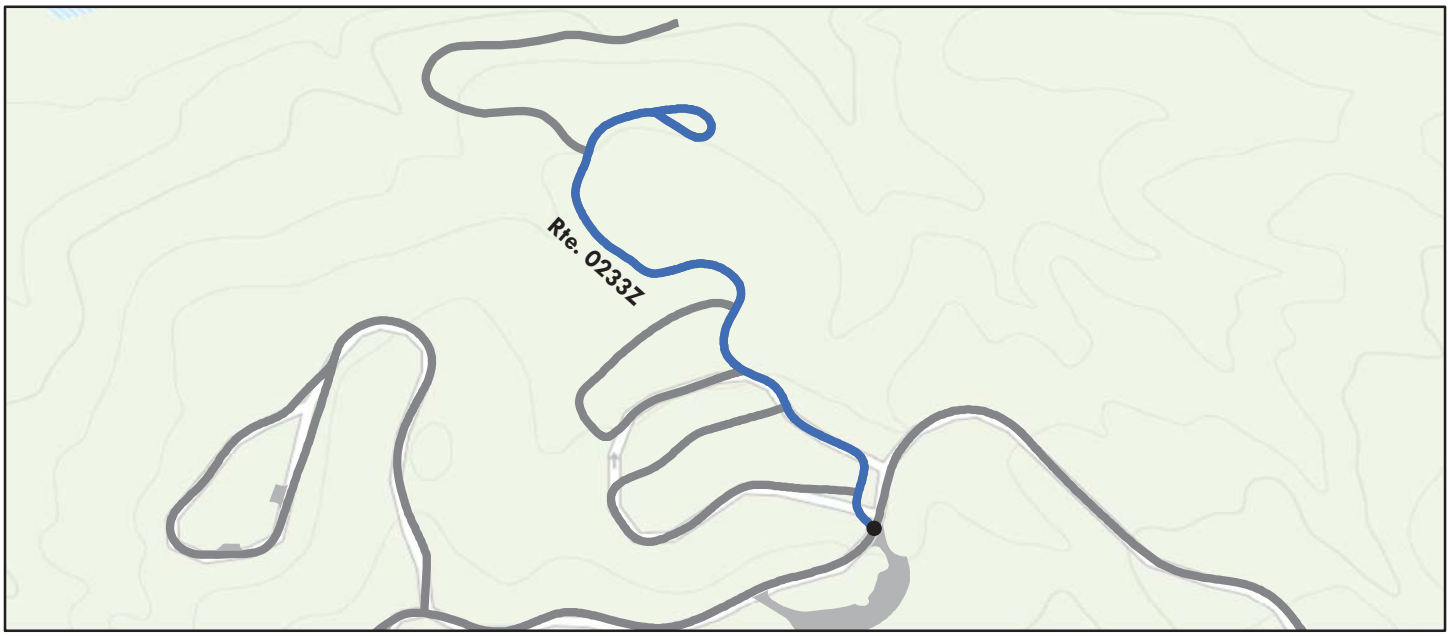
Inspection Date: 3/20/2017	**Beginning Section MP**	0				
Paved Length (Miles): 0.17	**Section Length (MI)**	0.17				
Surface Type: ASPHALT	**Route Summary**					
Roadway Condition Information						
Pavement Condition Rating (PCR)	90	90				
Surface Condition Rating (SCR)	90	90				
Roughness Condition Index (RCI)	N/A	N/A				
Distress Index Values						
Structural Crack Index	98	98				
Alligator Crack Index	100	100				
Longitudinal Crack Index	98	98				
Transverse Cracking Index	98	98				
Patching Index	98	98				
Rutting Index	90	90				
International Roughness Index (IRI)	N/A	N/A				
Lane & Width Information						
Number of Lanes	1	1				
Paved Width (ft)	17.1	17.1				
Lane Width (ft)	17.1	17.1				

Big Bend National Park

ROUTE 0233Z: CLASS A CAMPGROUND - CHISOS BASIN MAIN LOOP

Subcomponent of Route BIBE-0233ZZ

Data Collection Vehicle (DCV) Rating



Sources: Esri, HERE, DeLorme, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), swisstopo, MapmyIndia, © OpenStreetMap contributors, and the GIS User Community

Route Condition Legend – Pavement Condition Rating (PCR)

Poor (0 - 60)	Fair (61- 84)	Good (85 - 94)	Excellent (95 - 100)	Not Rated

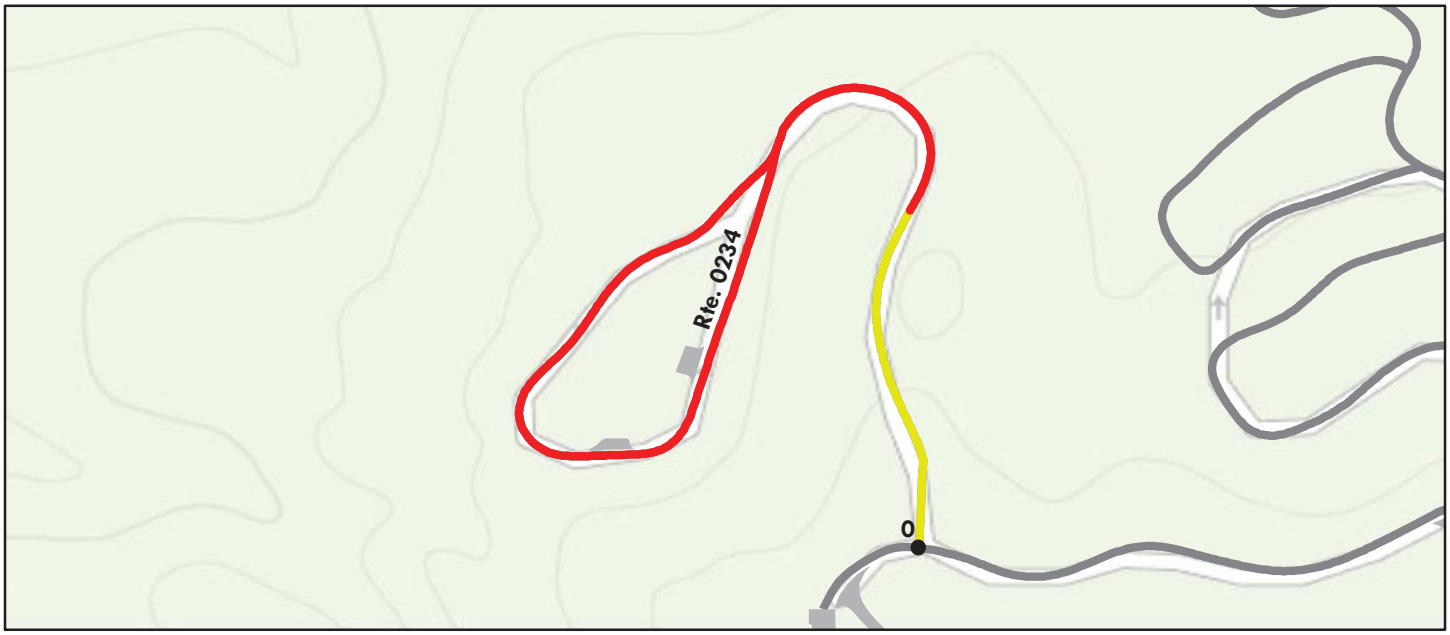
See Appendix for definitions and formulas

Inspection Date: 3/20/2017	**Beginning Section MP**	0				
Paved Length (Miles): 0.34	**Section Length (MI)**	0.34				
Surface Type: ASPHALT	**Route Summary**					
Roadway Condition Information						
Pavement Condition Rating (PCR)	96	96				
Surface Condition Rating (SCR)	96	96				
Roughness Condition Index (RCI)	N/A	N/A				
Distress Index Values						
Structural Crack Index	97	97				
Alligator Crack Index	100	100				
Longitudinal Crack Index	97	97				
Transverse Cracking Index	97	97				
Patching Index	100	100				
Rutting Index	96	96				
International Roughness Index (IRI)	N/A	N/A				
Lane & Width Information						
Number of Lanes	2	2				
Paved Width (ft)	18.7	18.7				
Lane Width (ft)	10	10				

Big Bend National Park

ROUTE 0234: BASIN GROUP CAMPGROUND

Data Collection Vehicle (DCV) Rating



Sources: Esri, HERE, DeLorme, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), swisstopo, MapmyIndia, © OpenStreetMap contributors, and the GIS User Community

Route Condition Legend – Pavement Condition Rating (PCR)

Poor (0 - 60)	Fair (61- 84)	Good (85 - 94)	Excellent (95 - 100)	Not Rated

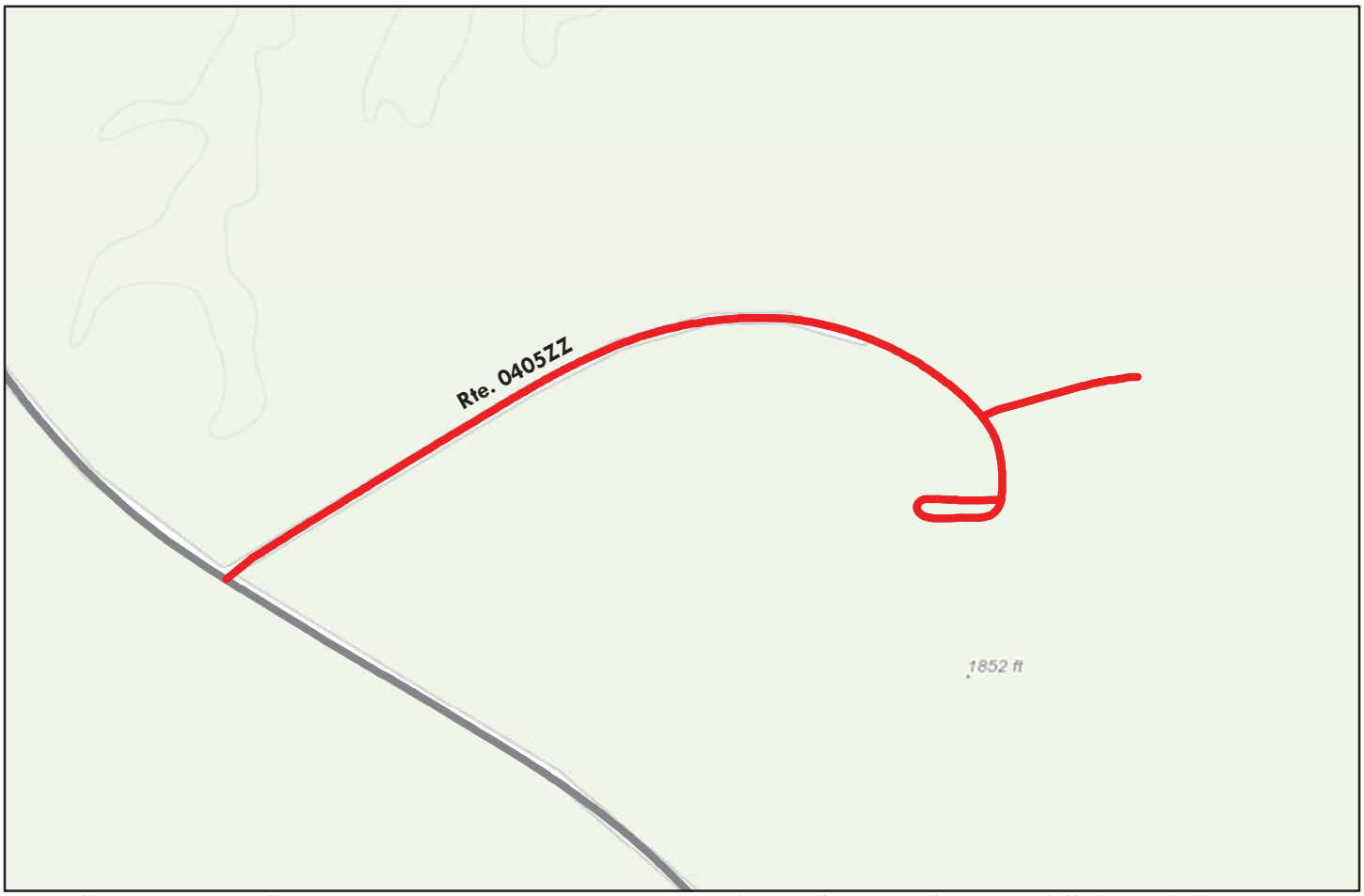
See Appendix for definitions and formulas

Inspection Date: 3/20/2017	**Beginning Section MP**	0				
Paved Length (Miles): 0.40	**Section Length (MI)**	0.40				
Surface Type: ASPHALT	**Route Summary**					
Roadway Condition Information						
Pavement Condition Rating (PCR)	51	51				
Surface Condition Rating (SCR)	51	51				
Roughness Condition Index (RCI)	N/A	N/A				
Distress Index Values						
Structural Crack Index	51	51				
Alligator Crack Index	99	99				
Longitudinal Crack Index	52	52				
Transverse Cracking Index	54	54				
Patching Index	100	100				
Rutting Index	93	93				
International Roughness Index (IRI)	N/A	N/A				
Lane & Width Information						
Number of Lanes	2	2				
Paved Width (ft)	18.8	18.8				
Lane Width (ft)	12.4	12.4				

Big Bend National Park

ROUTE 0405ZZ: HUISACHE DRIVE

Summary Route



Sources: Esri, HERE, DeLorme, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), swisstopo, MapmyIndia, © OpenStreetMap contributors, and the GIS User Community

Note: The weighted average summary PCR value is calculated from only the sections of road where the PCR was collected. The overall PCR for the summary route may not reflect individual subcomponent ratings.

Route Condition Legend – Pavement Condition Rating (PCR)

Poor (0 - 60)	Fair (61- 84)	Good (85 - 94)	Excellent (95 - 100)	Not Rated

See Appendix for definitions and formulas

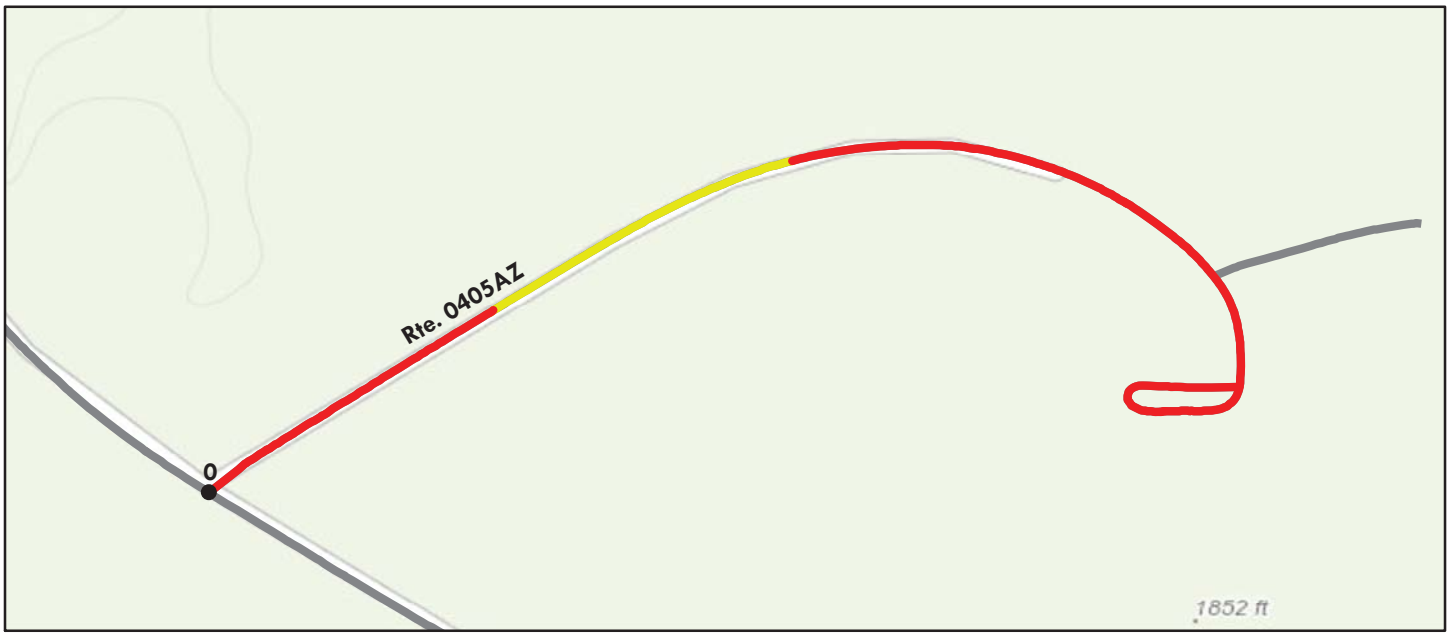
Inspection Date:	3/20/2017	
Paved Length (Miles):	0.51	
Surface Type:	ASPHALT	**Route Summary**
Roadway Condition Information		
Pavement Condition Rating (PCR)		44
Lane & Width Information		
Number of Lanes		1
Paved Width (ft)		17.3
Lane Width (ft)		8.7

Big Bend National Park

ROUTE 0405AZ: HUISACHE DRIVE A

Subcomponent of Route BIBE-0405ZZ

Data Collection Vehicle (DCV) Rating



Sources: Esri, HERE, DeLorme, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), swisstopo, MapmyIndia, © OpenStreetMap contributors, and the GIS User Community

Route Condition Legend – Pavement Condition Rating (PCR)

Poor (0 - 60)	Fair (61- 84)	Good (85 - 94)	Excellent (95 - 100)	Not Rated

See Appendix for definitions and formulas

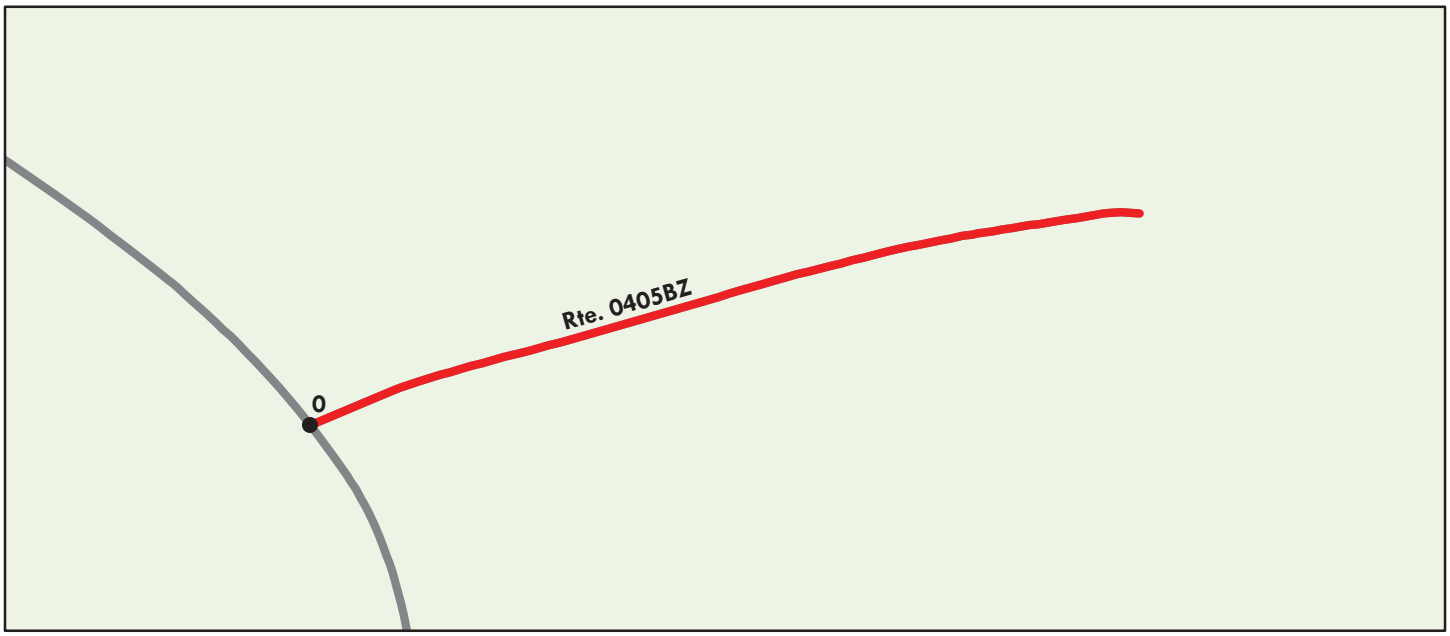
Inspection Date: 3/20/2017	**Beginning Section MP**	0				
Paved Length (Miles): 0.45	**Section Length (MI)**	0.45				
Surface Type: ASPHALT	**Route Summary**					
Roadway Condition Information						
Pavement Condition Rating (PCR)	42	42				
Surface Condition Rating (SCR)	42	42				
Roughness Condition Index (RCI)	N/A	N/A				
Distress Index Values						
Structural Crack Index	46	46				
Alligator Crack Index	98	98				
Longitudinal Crack Index	48	48				
Transverse Cracking Index	42	42				
Patching Index	99	99				
Rutting Index	94	94				
International Roughness Index (IRI)	N/A	N/A				
Lane & Width Information						
Number of Lanes	2	2				
Paved Width (ft)	17	17				
Lane Width (ft)	8.5	8.5				

Big Bend National Park

ROUTE 0405BZ: HUISACHE DRIVE B

Subcomponent of Route BIBE-0405ZZ

Data Collection Vehicle (DCV) Rating



Sources: Esri, HERE, DeLorme, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), swisstopo, MapmyIndia, © OpenStreetMap contributors, and the GIS User Community

Route Condition Legend – Pavement Condition Rating (PCR)

Poor (0 - 60)	Fair (61- 84)	Good (85 - 94)	Excellent (95 - 100)	Not Rated

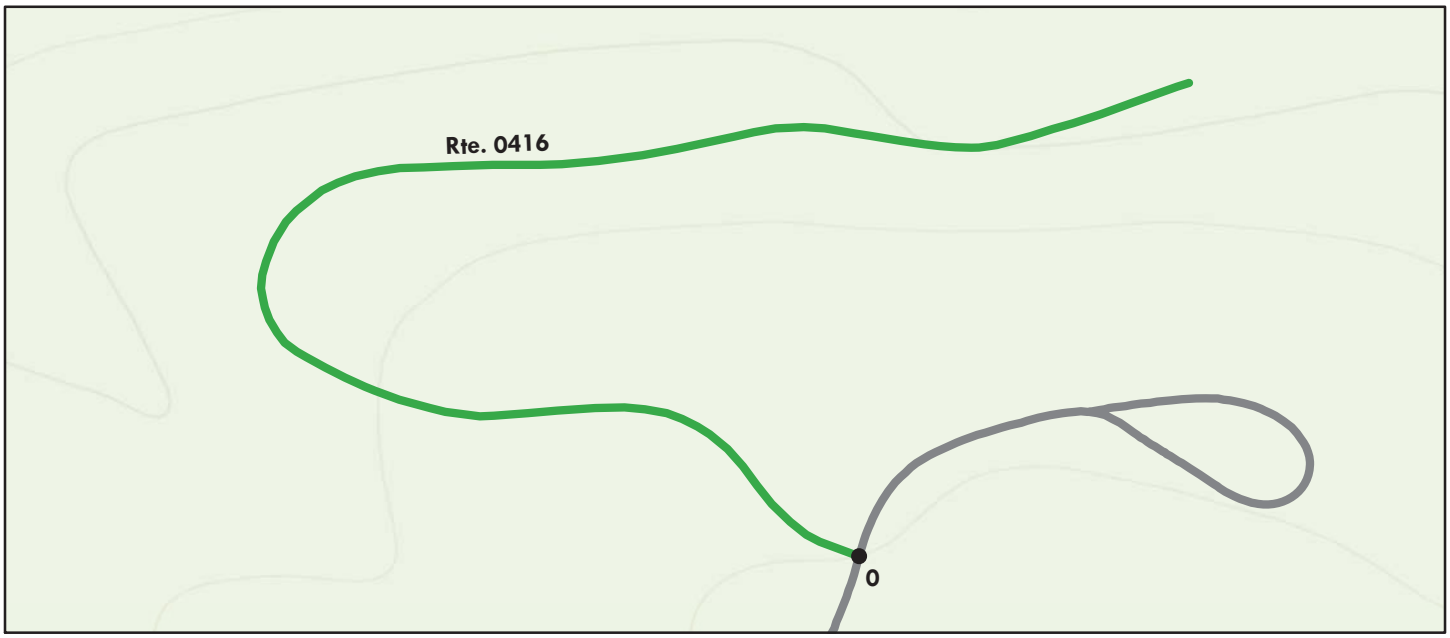
See Appendix for definitions and formulas

Inspection Date: 3/20/2017	**Beginning Section MP**	0				
Paved Length (Miles): 0.06	**Section Length (MI)**	0.06				
Surface Type: ASPHALT	**Route Summary**					
Roadway Condition Information						
Pavement Condition Rating (PCR)	56	56				
Surface Condition Rating (SCR)	56	56				
Roughness Condition Index (RCI)	N/A	N/A				
Distress Index Values						
Structural Crack Index	56	56				
Alligator Crack Index	85	85				
Longitudinal Crack Index	71	71				
Transverse Cracking Index	95	95				
Patching Index	100	100				
Rutting Index	88	88				
International Roughness Index (IRI)	N/A	N/A				
Lane & Width Information						
Number of Lanes	2	2				
Paved Width (ft)	19.8	19.8				
Lane Width (ft)	9.9	9.9				

Big Bend National Park

ROUTE 0416: LOWER BASIN LAGOON ROAD

Manual Rating



Sources: Esri, HERE, DeLorme, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), swisstopo, MapmyIndia, © OpenStreetMap contributors, and the GIS User Community

Route Condition Legend – Pavement Condition Rating (PCR)

Poor (0 - 60)	Fair (61- 84)	Good (85 - 94)	Excellent (95 - 100)	Not Rated

See Appendix for definitions and formulas

Inspection Date: 2/23/2017	**Beginning Section MP**	0.00				
Paved Length (Miles): 0.19	**Section Length (MI)**	0.19				
Surface Type: ASPHALT	**Route Summary**					
Roadway Condition Information						
Pavement Condition Rating (PCR)	90	90				
Surface Condition Rating (SCR)	90	90				
Roughness Condition Index (RCI)	N/A	N/A				
Distress Index Values						
Structural Crack Index	N/A	N/A				
Alligator Crack Index	90	90				
Longitudinal Crack Index	97	97				
Transverse Cracking Index	90	90				
Patching Index	97	97				
Rutting Index	90	90				
International Roughness Index (IRI)	N/A	N/A				
Lane & Width Information						
Number of Lanes	1	1				
Paved Width (ft)	10.9	10.9				
Lane Width (ft)	10.9	10.9				

Note: Route 0416 is made up of both a paved and unpaved section. The 0.38-mile unpaved section was not rated.

Big Bend National Park

ROUTE 0416: LOWER BASIN LAGOON ROAD

Condition Photos

Condition photos are shown only for manually rated roads. Use the PathView program to see images of DCV rated roads.

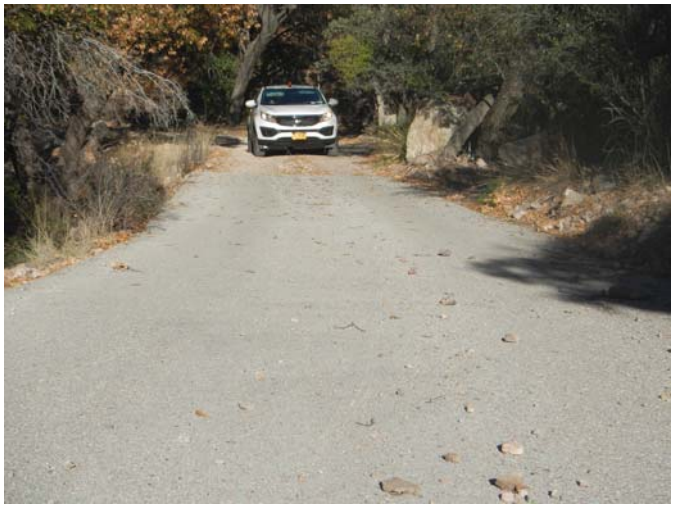
BIBE_0416_6959.JPG

BIBE_0416_6960.JPG

BIBE_0416_6961.JPG

BIBE_0416_6962.JPG

BIBE_0416_6963.JPG

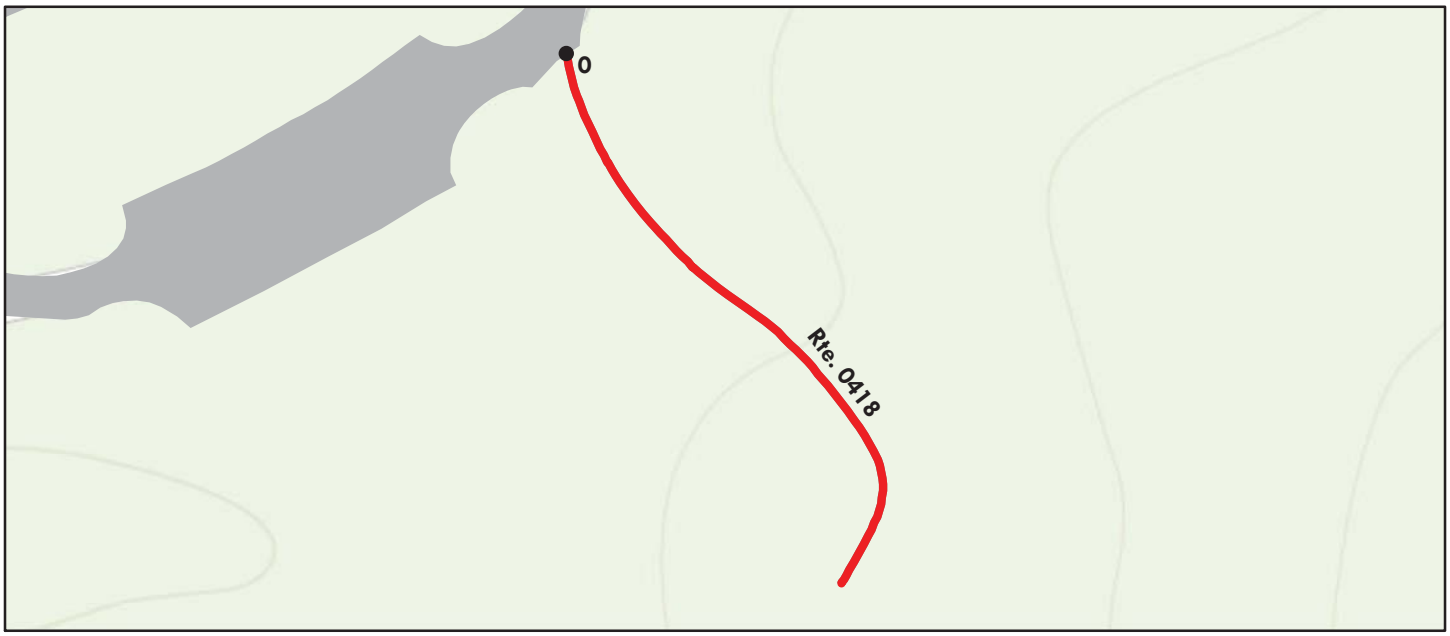


BIBE_0416_6968.JPG

Big Bend National Park

ROUTE 0418: CHISOS BASIN RESIDENCE ROAD

Data Collection Vehicle (DCV) Rating



Sources: Esri, HERE, DeLorme, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), swisstopo, MapmyIndia, © OpenStreetMap contributors, and the GIS User Community

Route Condition Legend – Pavement Condition Rating (PCR)

Poor (0 - 60)	Fair (61- 84)	Good (85 - 94)	Excellent (95 - 100)	Not Rated

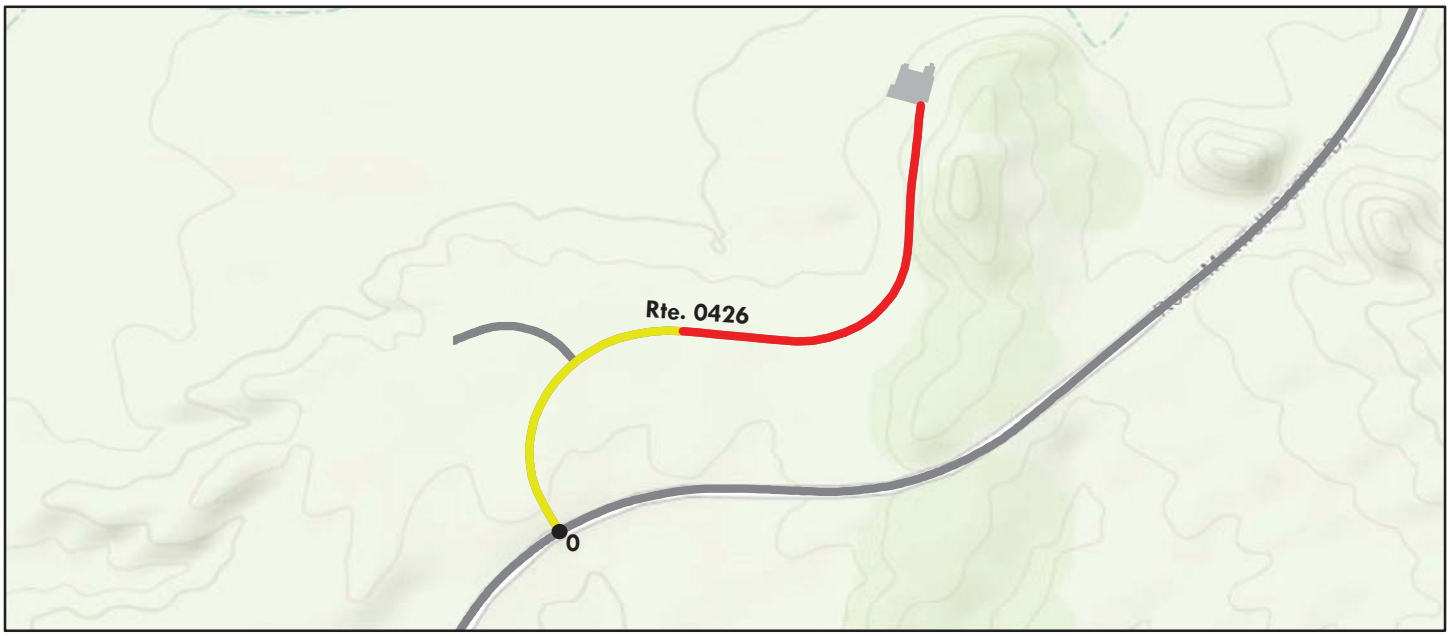
See Appendix for definitions and formulas

Inspection Date: 3/20/2017	**Beginning Section MP**	0				
Paved Length (Miles): 0.05	**Section Length (MI)**	0.05				
Surface Type: ASPHALT	**Route Summary**					
Roadway Condition Information						
Pavement Condition Rating (PCR)	53	53				
Surface Condition Rating (SCR)	53	53				
Roughness Condition Index (RCI)	N/A	N/A				
Distress Index Values						
Structural Crack Index	53	53				
Alligator Crack Index	100	100				
Longitudinal Crack Index	53	53				
Transverse Cracking Index	69	69				
Patching Index	99	99				
Rutting Index	88	88				
International Roughness Index (IRI)	N/A	N/A				
Lane & Width Information						
Number of Lanes	2	2				
Paved Width (ft)	17.1	17.1				
Lane Width (ft)	8.6	8.6				

Big Bend National Park

ROUTE 0426: MESA DRIVE

Data Collection Vehicle (DCV) Rating



Sources: Esri, HERE, DeLorme, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), swisstopo, MapmyIndia, © OpenStreetMap contributors, and the GIS User Community

Route Condition Legend – Pavement Condition Rating (PCR)

Poor (0 - 60)	Fair (61- 84)	Good (85 - 94)	Excellent (95 - 100)	Not Rated

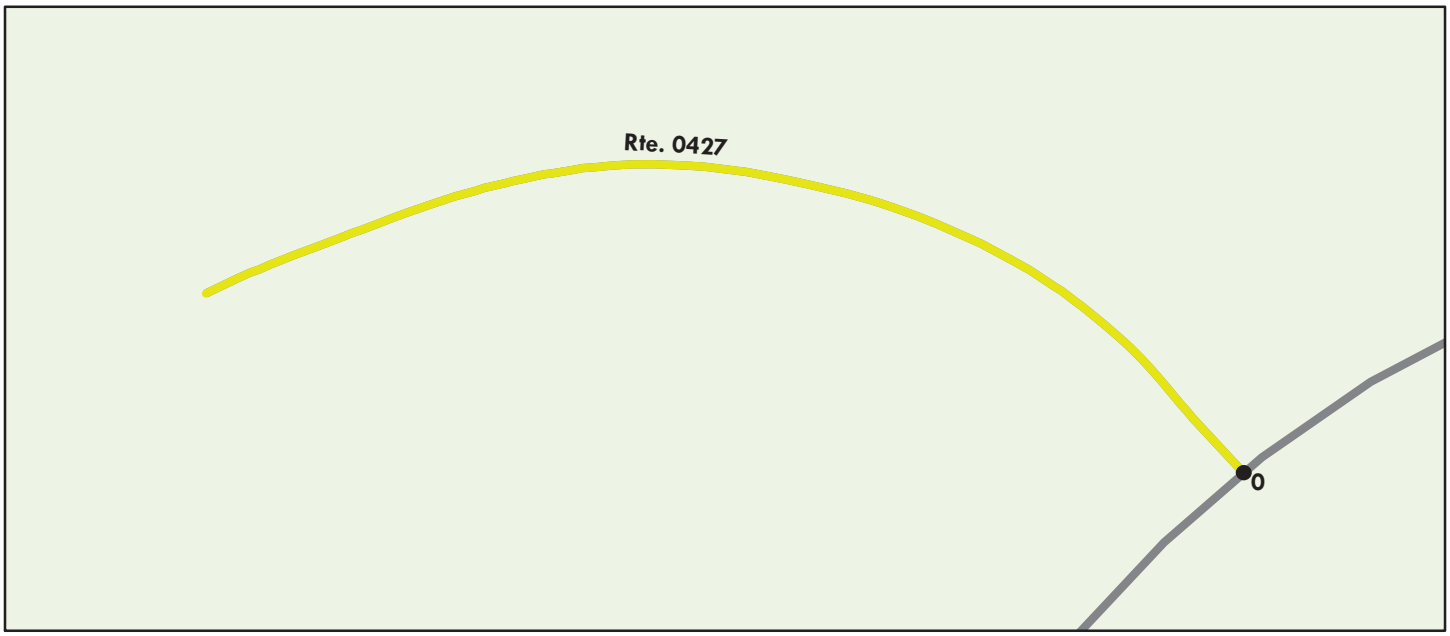
See Appendix for definitions and formulas

Inspection Date: 3/20/2017	**Beginning Section MP**	0				
Paved Length (Miles): 0.47	**Section Length (MI)**	0.47				
Surface Type: ASPHALT	**Route Summary**					
Roadway Condition Information						
Pavement Condition Rating (PCR)	50	50				
Surface Condition Rating (SCR)	50	50				
Roughness Condition Index (RCI)	N/A	N/A				
Distress Index Values						
Structural Crack Index	79	79				
Alligator Crack Index	100	100				
Longitudinal Crack Index	79	79				
Transverse Cracking Index	50	50				
Patching Index	100	100				
Rutting Index	97	97				
International Roughness Index (IRI)	N/A	N/A				
Lane & Width Information						
Number of Lanes	2	2				
Paved Width (ft)	21.9	21.9				
Lane Width (ft)	10.9	10.9				

Big Bend National Park

ROUTE 0427: PALO VERDE DRIVE

Data Collection Vehicle (DCV) Rating



Sources: Esri, HERE, DeLorme, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), swisstopo, MapmyIndia, © OpenStreetMap contributors, and the GIS User Community

Route Condition Legend – Pavement Condition Rating (PCR)

Poor (0 - 60)	Fair (61- 84)	Good (85 - 94)	Excellent (95 - 100)	Not Rated

See Appendix for definitions and formulas

Inspection Date: 3/20/2017	**Beginning Section MP**	0				
Paved Length (Miles): 0.09	**Section Length (MI)**	0.09				
Surface Type: ASPHALT	**Route Summary**					
Roadway Condition Information						
Pavement Condition Rating (PCR)	69	69				
Surface Condition Rating (SCR)	69	69				
Roughness Condition Index (RCI)	N/A	N/A				
Distress Index Values						
Structural Crack Index	92	92				
Alligator Crack Index	100	100				
Longitudinal Crack Index	92	92				
Transverse Cracking Index	69	69				
Patching Index	100	100				
Rutting Index	96	96				
International Roughness Index (IRI)	N/A	N/A				
Lane & Width Information						
Number of Lanes	1	1				
Paved Width (ft)	13.6	13.6				
Lane Width (ft)	13.6	13.6				

Big Bend National Park

ROUTE 0428: ALSATE AVENUE

Data Collection Vehicle (DCV) Rating

Sources: Esri, HERE, DeLorme, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), swisstopo, MapmyIndia, © OpenStreetMap contributors, and the GIS User Community

Route Condition Legend – Pavement Condition Rating (PCR)

Poor (0 - 60)	Fair (61- 84)	Good (85 - 94)	Excellent (95 - 100)	Not Rated

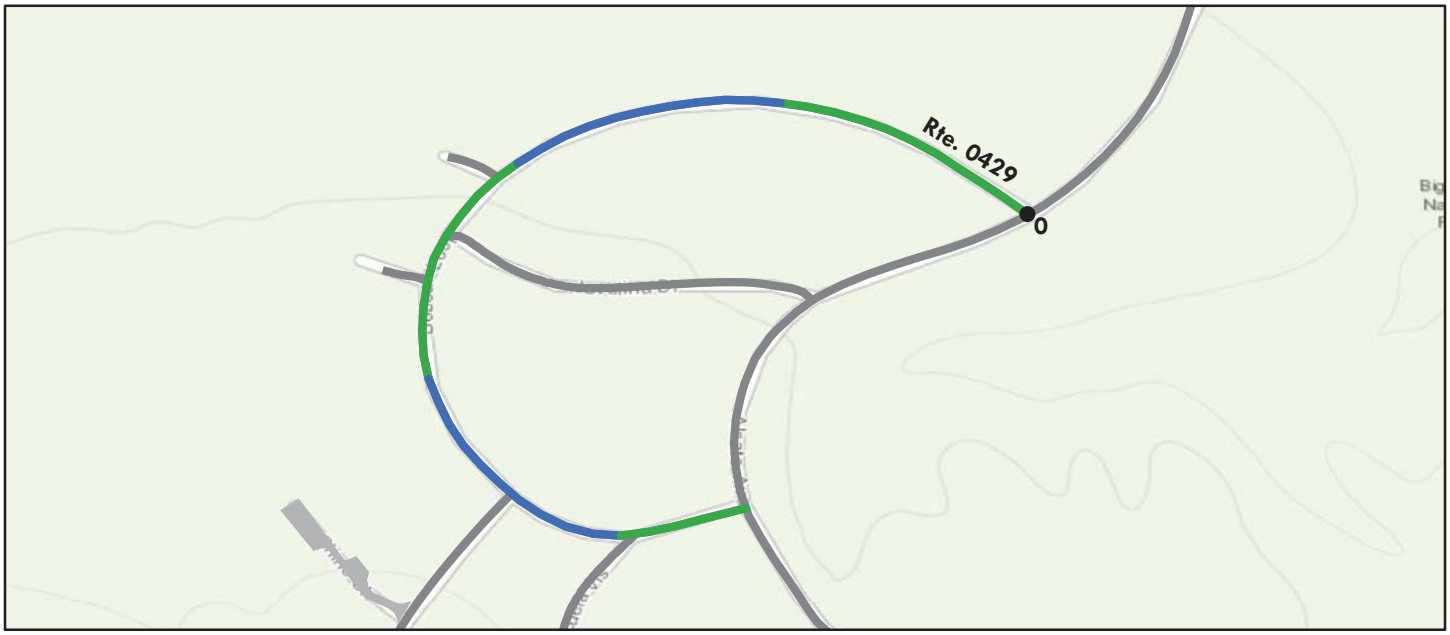
See Appendix for definitions and formulas

Inspection Date: 3/20/2017	**Beginning Section MP**	0				
Paved Length (Miles): 0.53	**Section Length (MI)**	0.53				
Surface Type: ASPHALT	**Route Summary**					
Roadway Condition Information						
Pavement Condition Rating (PCR)	91	91				
Surface Condition Rating (SCR)	91	91				
Roughness Condition Index (RCI)	N/A	N/A				
Distress Index Values						
Structural Crack Index	91	91				
Alligator Crack Index	100	100				
Longitudinal Crack Index	91	91				
Transverse Cracking Index	96	96				
Patching Index	100	100				
Rutting Index	91	91				
International Roughness Index (IRI)	N/A	N/A				
Lane & Width Information						
Number of Lanes	2	2				
Paved Width (ft)	19.8	19.8				
Lane Width (ft)	9.9	9.9				

Big Bend National Park

ROUTE 0429: BOBCAT LOOP

Data Collection Vehicle (DCV) Rating



Sources: Esri, HERE, DeLorme, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), swisstopo, MapmyIndia, © OpenStreetMap contributors, and the GIS User Community

Route Condition Legend – Pavement Condition Rating (PCR)

Poor (0 - 60)	Fair (61- 84)	Good (85 - 94)	Excellent (95 - 100)	Not Rated

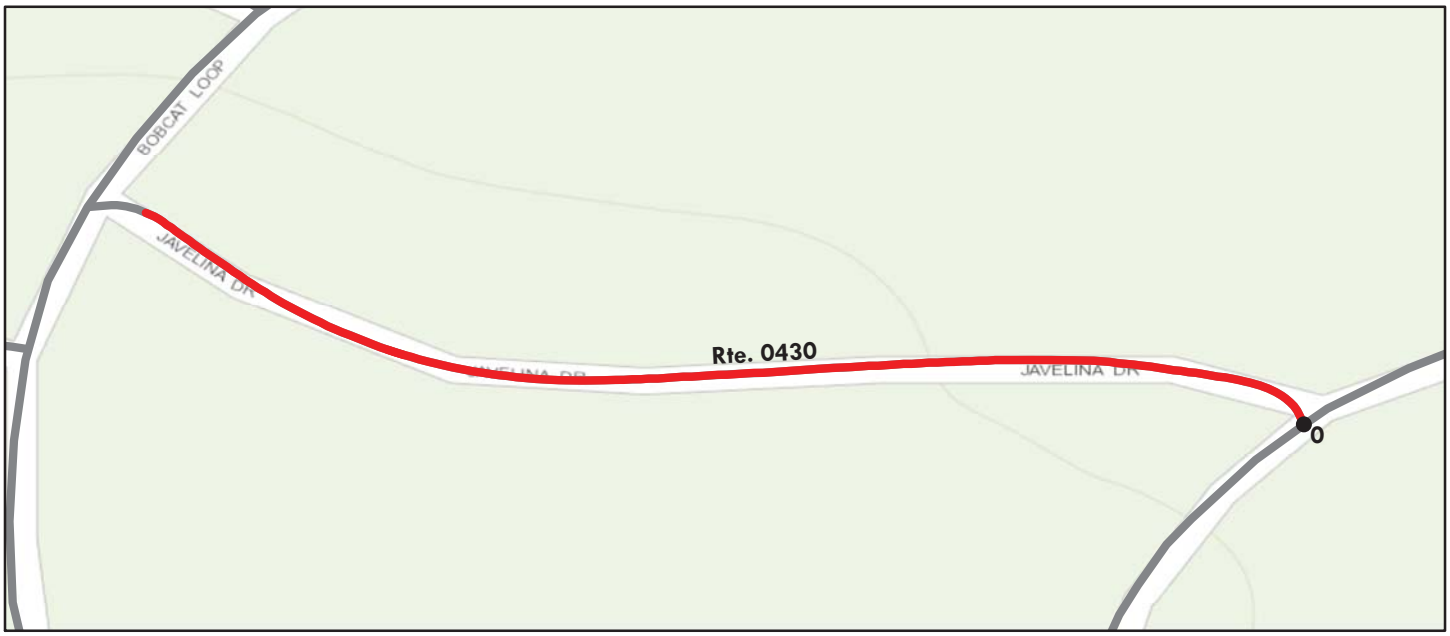
See Appendix for definitions and formulas

Inspection Date: 3/20/2017	**Beginning Section MP**	0				
Paved Length (Miles): 0.44	**Section Length (MI)**	0.44				
Surface Type: ASPHALT	**Route Summary**					
Roadway Condition Information						
Pavement Condition Rating (PCR)	94	94				
Surface Condition Rating (SCR)	94	94				
Roughness Condition Index (RCI)	N/A	N/A				
Distress Index Values						
Structural Crack Index	95	95				
Alligator Crack Index	100	100				
Longitudinal Crack Index	95	95				
Transverse Cracking Index	94	94				
Patching Index	99	99				
Rutting Index	94	94				
International Roughness Index (IRI)	N/A	N/A				
Lane & Width Information						
Number of Lanes	2	2				
Paved Width (ft)	17.4	17.4				
Lane Width (ft)	8.7	8.7				

Big Bend National Park

ROUTE 0430: JAVELINA DRIVE

Data Collection Vehicle (DCV) Rating



Sources: Esri, HERE, DeLorme, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), swisstopo, MapmyIndia, © OpenStreetMap contributors, and the GIS User Community

Route Condition Legend – Pavement Condition Rating (PCR)

Poor (0 - 60)	Fair (61- 84)	Good (85 - 94)	Excellent (95 - 100)	Not Rated

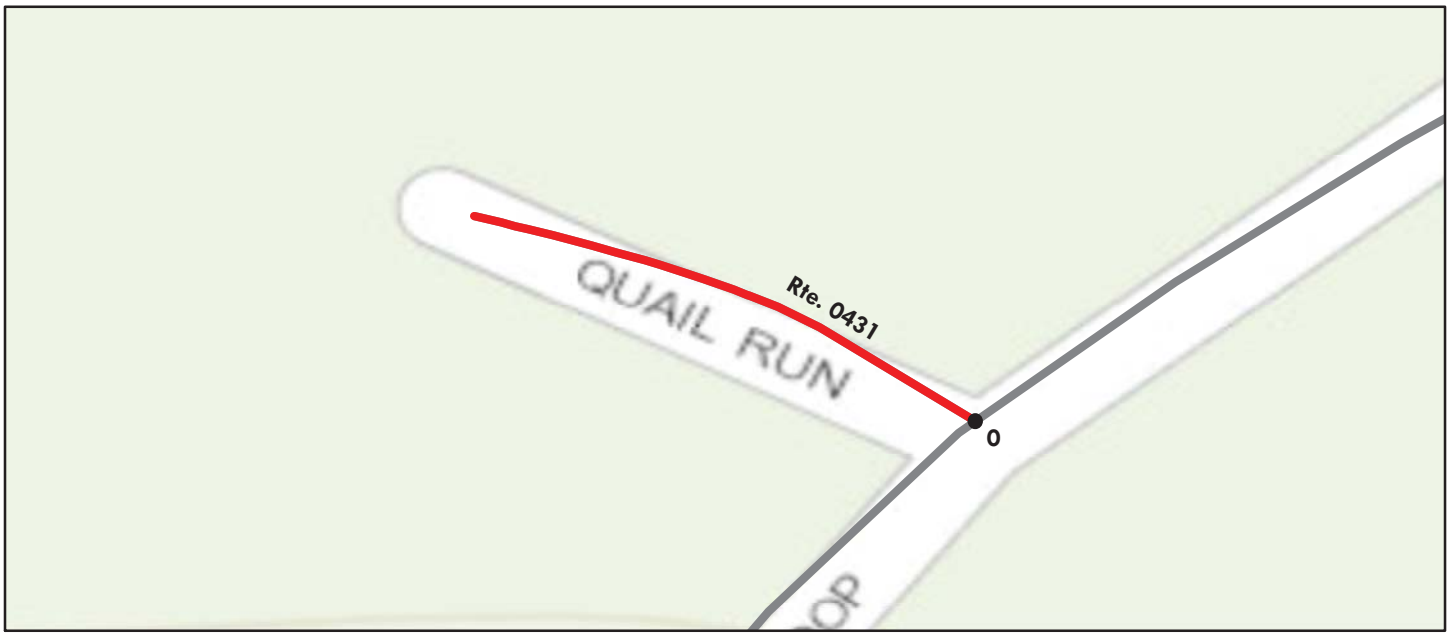
See Appendix for definitions and formulas

Inspection Date: 3/20/2017	**Beginning Section MP**	0				
Paved Length (Miles): 0.13	**Section Length (MI)**	0.13				
Surface Type: ASPHALT	**Route Summary**					
Roadway Condition Information						
Pavement Condition Rating (PCR)	46	46				
Surface Condition Rating (SCR)	46	46				
Roughness Condition Index (RCI)	N/A	N/A				
Distress Index Values						
Structural Crack Index	46	46				
Alligator Crack Index	100	100				
Longitudinal Crack Index	46	46				
Transverse Cracking Index	58	58				
Patching Index	100	100				
Rutting Index	93	93				
International Roughness Index (IRI)	N/A	N/A				
Lane & Width Information						
Number of Lanes	2	2				
Paved Width (ft)	17.1	17.1				
Lane Width (ft)	8.6	8.6				

Big Bend National Park

ROUTE 0431: QUAIL RUN

Data Collection Vehicle (DCV) Rating



Sources: Esri, HERE, DeLorme, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), swisstopo, MapmyIndia, © OpenStreetMap contributors, and the GIS User Community

Route Condition Legend – Pavement Condition Rating (PCR)

Poor (0 - 60)	Fair (61- 84)	Good (85 - 94)	Excellent (95 - 100)	Not Rated

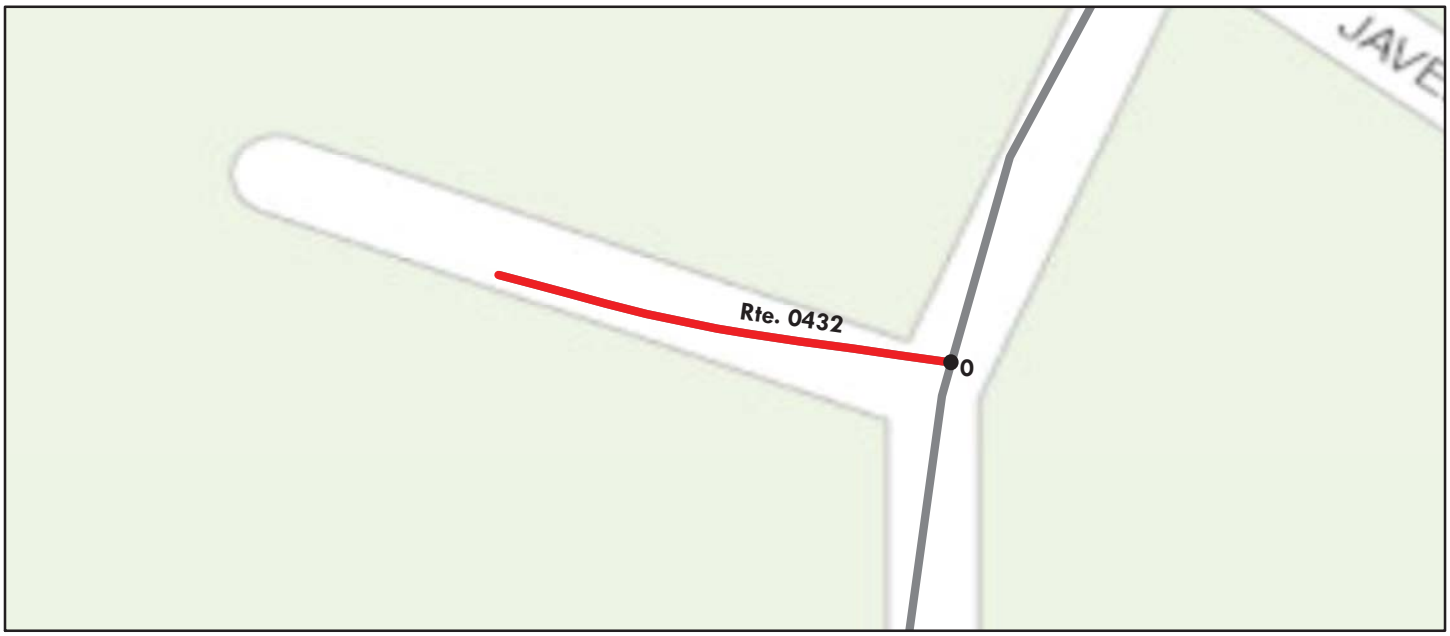
See Appendix for definitions and formulas

Inspection Date: 3/20/2017	**Beginning Section MP**	0				
Paved Length (Miles): 0.02	**Section Length (MI)**	0.02				
Surface Type: ASPHALT	**Route Summary**					
Roadway Condition Information						
Pavement Condition Rating (PCR)	23	23				
Surface Condition Rating (SCR)	23	23				
Roughness Condition Index (RCI)	N/A	N/A				
Distress Index Values						
Structural Crack Index	23	23				
Alligator Crack Index	100	100				
Longitudinal Crack Index	23	23				
Transverse Cracking Index	53	53				
Patching Index	100	100				
Rutting Index	65	65				
International Roughness Index (IRI)	N/A	N/A				
Lane & Width Information						
Number of Lanes	2	2				
Paved Width (ft)	20.6	20.6				
Lane Width (ft)	10.3	10.3				

Big Bend National Park

ROUTE 0432: CHUPAROSA

Data Collection Vehicle (DCV) Rating



Sources: Esri, HERE, DeLorme, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), swisstopo, MapmyIndia, © OpenStreetMap contributors, and the GIS User Community

Route Condition Legend – Pavement Condition Rating (PCR)

Poor (0 - 60)	Fair (61- 84)	Good (85 - 94)	Excellent (95 - 100)	Not Rated

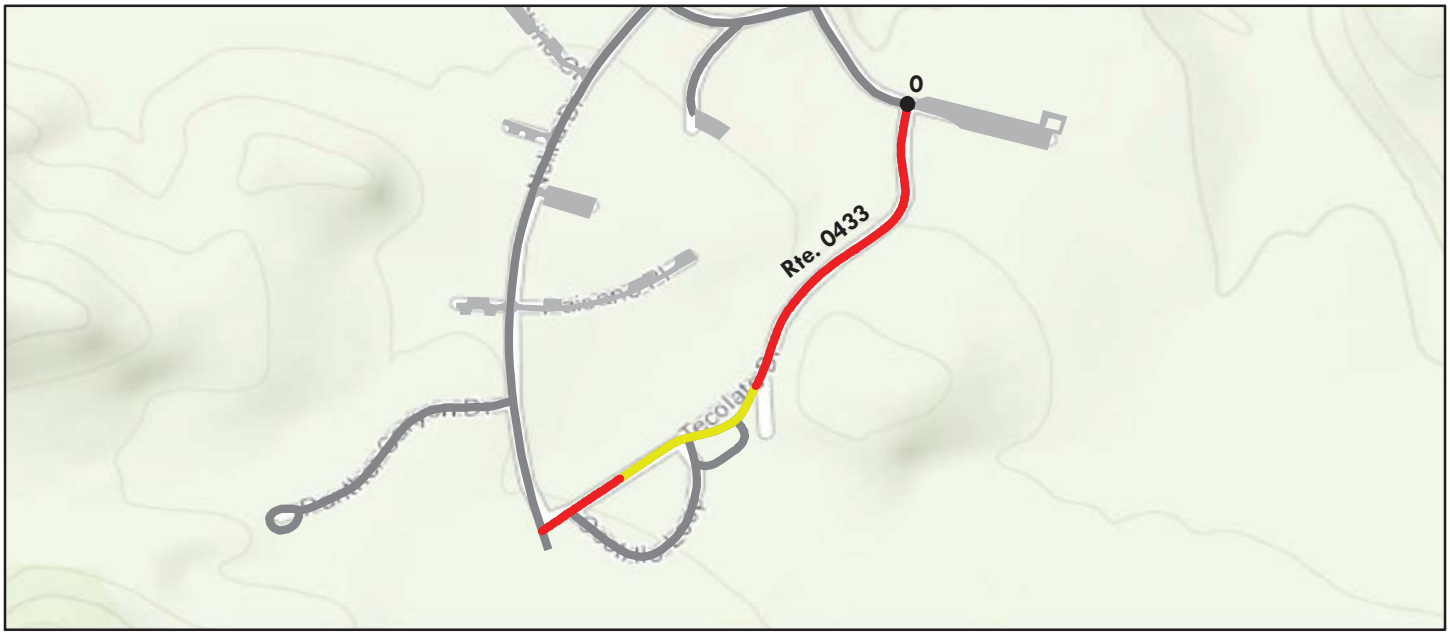
See Appendix for definitions and formulas

Inspection Date: 3/20/2017	**Beginning Section MP**	0				
Paved Length (Miles): 0.02	**Section Length (MI)**	0.02				
Surface Type: ASPHALT	**Route Summary**					
Roadway Condition Information						
Pavement Condition Rating (PCR)	0	0				
Surface Condition Rating (SCR)	0	0				
Roughness Condition Index (RCI)	N/A	N/A				
Distress Index Values						
Structural Crack Index	0	0				
Alligator Crack Index	100	100				
Longitudinal Crack Index	0	0				
Transverse Cracking Index	9	9				
Patching Index	100	100				
Rutting Index	91	91				
International Roughness Index (IRI)	N/A	N/A				
Lane & Width Information						
Number of Lanes	2	2				
Paved Width (ft)	19.3	19.3				
Lane Width (ft)	9.6	9.6				

Big Bend National Park

ROUTE 0433: TECOLOTE DRIVE

Data Collection Vehicle (DCV) Rating



Sources: Esri, HERE, DeLorme, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), swisstopo, MapmyIndia, © OpenStreetMap contributors, and the GIS User Community

Route Condition Legend – Pavement Condition Rating (PCR)

Poor (0 - 60)	Fair (61- 84)	Good (85 - 94)	Excellent (95 - 100)	Not Rated

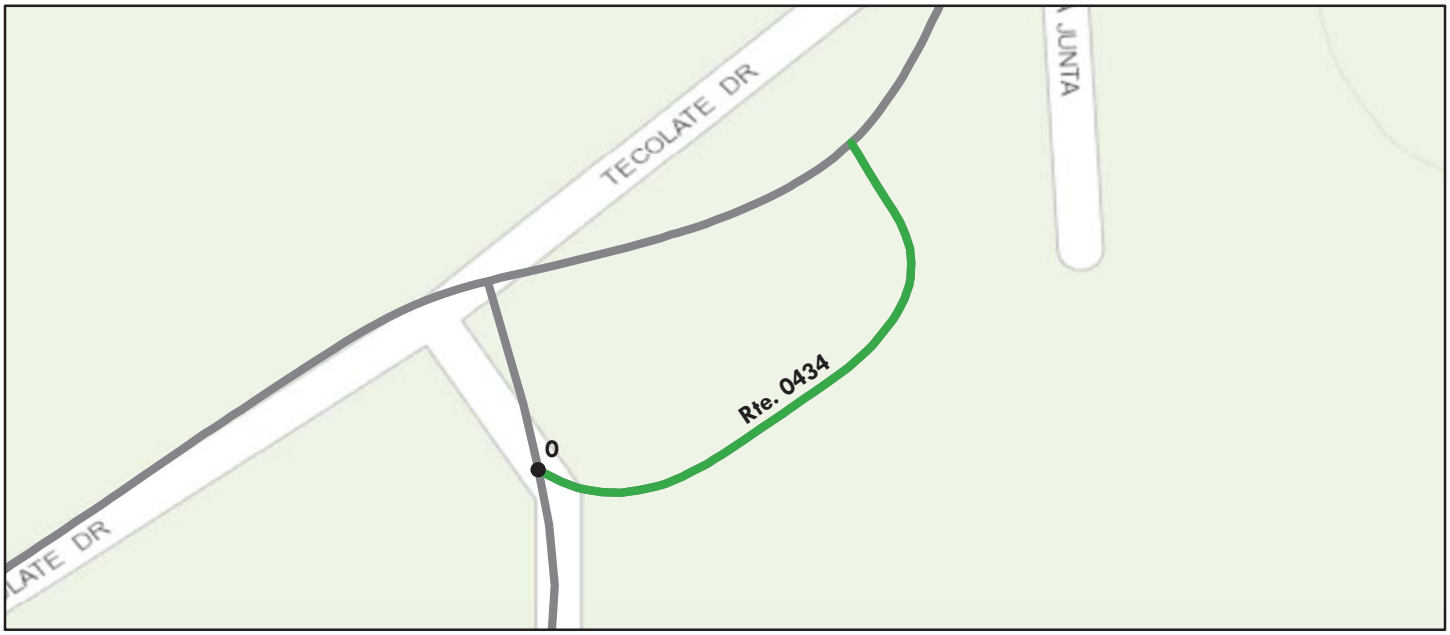
See Appendix for definitions and formulas

Inspection Date: 3/20/2017	**Beginning Section MP**	0				
Paved Length (Miles): 0.35	**Section Length (MI)**	0.35				
Surface Type: ASPHALT	**Route Summary**					
Roadway Condition Information						
Pavement Condition Rating (PCR)	0	0				
Surface Condition Rating (SCR)	0	0				
Roughness Condition Index (RCI)	N/A	N/A				
Distress Index Values						
Structural Crack Index	0	0				
Alligator Crack Index	93	93				
Longitudinal Crack Index	6	6				
Transverse Cracking Index	46	46				
Patching Index	100	100				
Rutting Index	94	94				
International Roughness Index (IRI)	N/A	N/A				
Lane & Width Information						
Number of Lanes	1	1				
Paved Width (ft)	14	14				
Lane Width (ft)	14	14				

Big Bend National Park

ROUTE 0434: LA JUNTA CIRCLE

Data Collection Vehicle (DCV) Rating



Sources: Esri, HERE, DeLorme, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), swisstopo, MapmyIndia, © OpenStreetMap contributors, and the GIS User Community

Route Condition Legend – Pavement Condition Rating (PCR)

Poor (0 - 60)	Fair (61- 84)	Good (85 - 94)	Excellent (95 - 100)	Not Rated

See Appendix for definitions and formulas

Inspection Date: 3/20/2017	**Beginning Section MP**	0				
Paved Length (Miles): 0.05	**Section Length (MI)**	0.05				
Surface Type: ASPHALT	**Route Summary**					
Roadway Condition Information						
Pavement Condition Rating (PCR)	91	91				
Surface Condition Rating (SCR)	91	91				
Roughness Condition Index (RCI)	N/A	N/A				
Distress Index Values						
Structural Crack Index	93	93				
Alligator Crack Index	100	100				
Longitudinal Crack Index	93	93				
Transverse Cracking Index	99	99				
Patching Index	100	100				
Rutting Index	91	91				
International Roughness Index (IRI)	N/A	N/A				
Lane & Width Information						
Number of Lanes	2	2				
Paved Width (ft)	16.8	16.8				
Lane Width (ft)	8.4	8.4				

Big Bend National Park

ROUTE 0435: OCOTILLO LOOP

Data Collection Vehicle (DCV) Rating

Sources: Esri, HERE, DeLorme, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), swisstopo, MapmyIndia, © OpenStreetMap contributors, and the GIS User Community

Route Condition Legend – Pavement Condition Rating (PCR)

Poor (0 - 60)	Fair (61- 84)	Good (85 - 94)	Excellent (95 - 100)	Not Rated

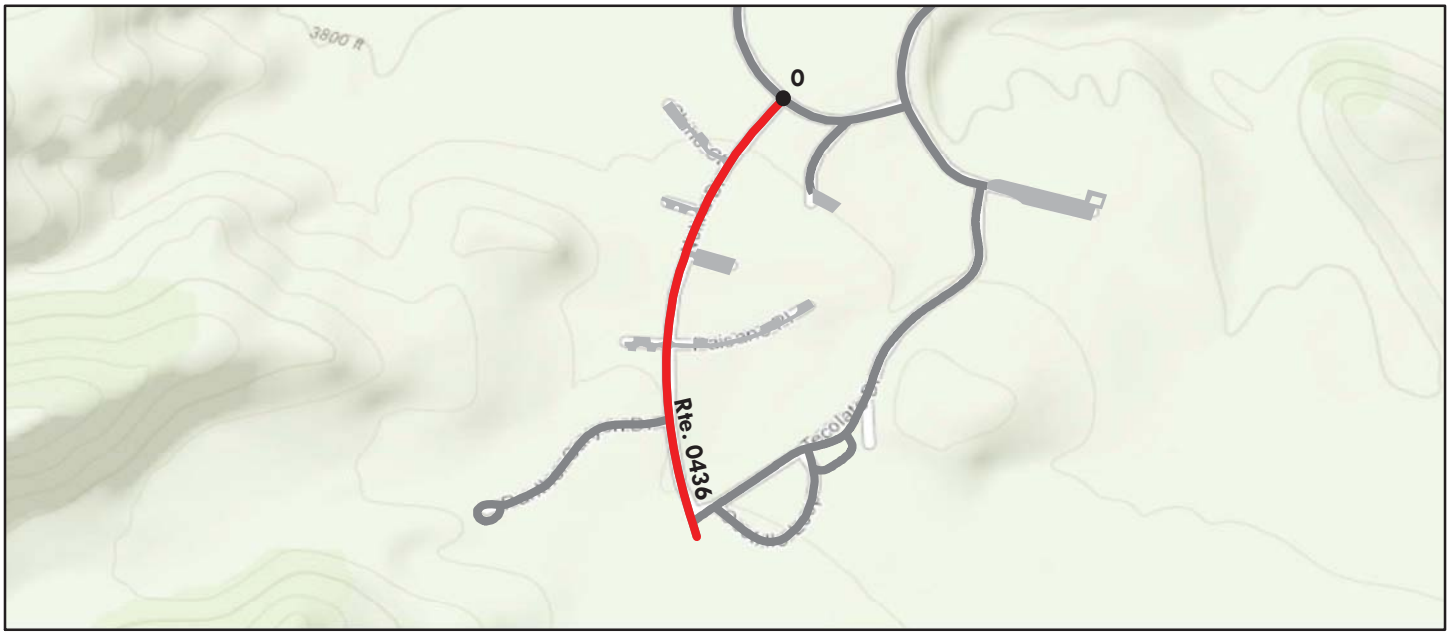
See Appendix for definitions and formulas

Inspection Date: 3/20/2017	**Beginning Section MP**	0				
Paved Length (Miles): 0.13	**Section Length (MI)**	0.13				
Surface Type: ASPHALT	**Route Summary**					
Roadway Condition Information						
Pavement Condition Rating (PCR)	84	84				
Surface Condition Rating (SCR)	84	84				
Roughness Condition Index (RCI)	N/A	N/A				
Distress Index Values						
Structural Crack Index	84	84				
Alligator Crack Index	100	100				
Longitudinal Crack Index	84	84				
Transverse Cracking Index	90	90				
Patching Index	99	99				
Rutting Index	92	92				
International Roughness Index (IRI)	N/A	N/A				
Lane & Width Information						
Number of Lanes	2	2				
Paved Width (ft)	20.2	20.2				
Lane Width (ft)	10.1	10.1				

Big Bend National Park

ROUTE 0436: NOLINA DRIVE

Data Collection Vehicle (DCV) Rating



Sources: Esri, HERE, DeLorme, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), swisstopo, MapmyIndia, © OpenStreetMap contributors, and the GIS User Community

Route Condition Legend – Pavement Condition Rating (PCR)

Poor (0 - 60)	Fair (61- 84)	Good (85 - 94)	Excellent (95 - 100)	Not Rated

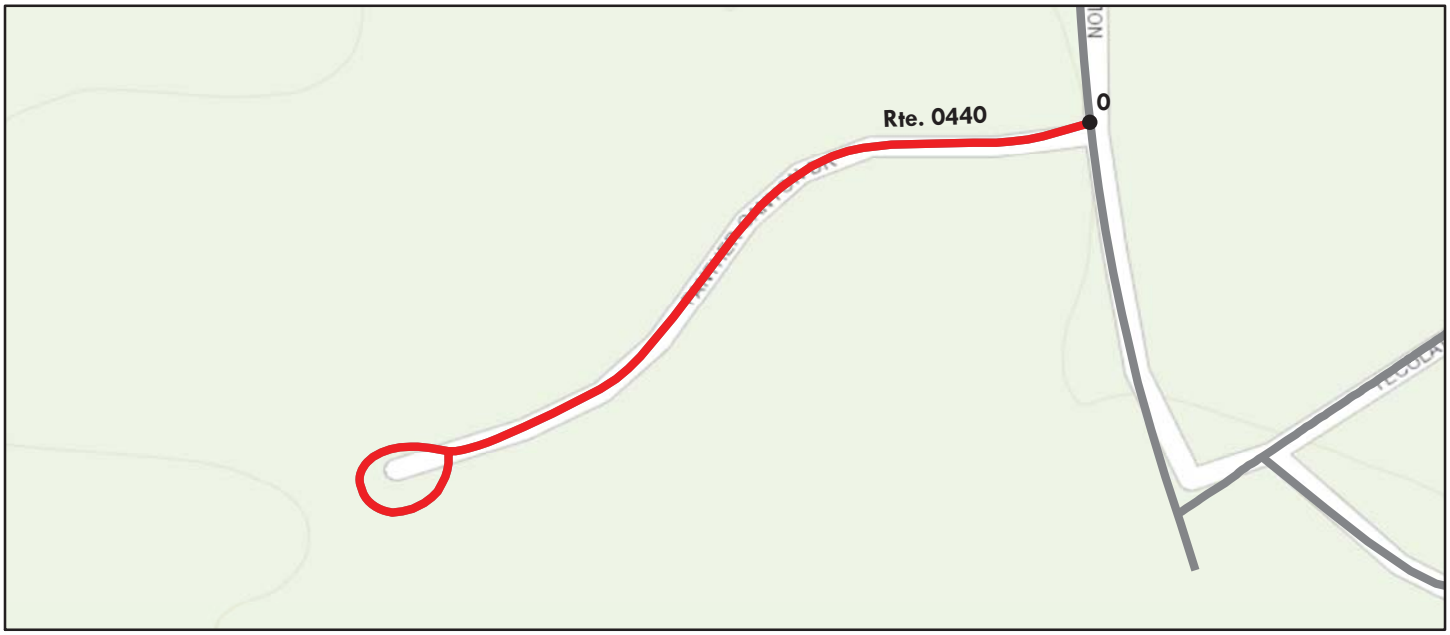
See Appendix for definitions and formulas

Inspection Date: 3/20/2017	**Beginning Section MP**	0				
Paved Length (Miles): 0.36	**Section Length (MI)**	0.36				
Surface Type: ASPHALT	**Route Summary**					
Roadway Condition Information						
Pavement Condition Rating (PCR)	0	0				
Surface Condition Rating (SCR)	0	0				
Roughness Condition Index (RCI)	N/A	N/A				
Distress Index Values						
Structural Crack Index	0	0				
Alligator Crack Index	96	96				
Longitudinal Crack Index	0	0				
Transverse Cracking Index	32	32				
Patching Index	98	98				
Rutting Index	97	97				
International Roughness Index (IRI)	N/A	N/A				
Lane & Width Information						
Number of Lanes	2	2				
Paved Width (ft)	18.1	18.1				
Lane Width (ft)	9	9				

Big Bend National Park

ROUTE 0440: PANTHER CANYON DRIVE

Data Collection Vehicle (DCV) Rating



Sources: Esri, HERE, DeLorme, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), swisstopo, MapmyIndia, © OpenStreetMap contributors, and the GIS User Community

Route Condition Legend – Pavement Condition Rating (PCR)

Poor (0 - 60)	Fair (61- 84)	Good (85 - 94)	Excellent (95 - 100)	Not Rated

See Appendix for definitions and formulas

Inspection Date: 3/20/2017	**Beginning Section MP**	0				
Paved Length (Miles): 0.18	**Section Length (MI)**	0.18				
Surface Type: ASPHALT	**Route Summary**					
Roadway Condition Information						
Pavement Condition Rating (PCR)	53	53				
Surface Condition Rating (SCR)	53	53				
Roughness Condition Index (RCI)	N/A	N/A				
Distress Index Values						
Structural Crack Index	53	53				
Alligator Crack Index	100	100				
Longitudinal Crack Index	53	53				
Transverse Cracking Index	82	82				
Patching Index	99	99				
Rutting Index	92	92				
International Roughness Index (IRI)	N/A	N/A				
Lane & Width Information						
Number of Lanes	2	2				
Paved Width (ft)	17.3	17.3				
Lane Width (ft)	10.5	10.5				

Big Bend National Park

ROUTE 0443: ESCUELA ROAD

Data Collection Vehicle (DCV) Rating

Sources: Esri, HERE, DeLorme, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), swisstopo, MapmyIndia, © OpenStreetMap contributors, and the GIS User Community

Route Condition Legend – Pavement Condition Rating (PCR)

Poor (0 - 60)	Fair (61- 84)	Good (85 - 94)	Excellent (95 - 100)	Not Rated

See Appendix for definitions and formulas

Inspection Date: 3/20/2017	**Beginning Section MP**	0				
Paved Length (Miles): 0.06	**Section Length (MI)**	0.06				
Surface Type: ASPHALT	**Route Summary**					
Roadway Condition Information						
Pavement Condition Rating (PCR)	63	63				
Surface Condition Rating (SCR)	63	63				
Roughness Condition Index (RCI)	N/A	N/A				
Distress Index Values						
Structural Crack Index	63	63				
Alligator Crack Index	100	100				
Longitudinal Crack Index	63	63				
Transverse Cracking Index	70	70				
Patching Index	100	100				
Rutting Index	95	95				
International Roughness Index (IRI)	N/A	N/A				
Lane & Width Information						
Number of Lanes	1	1				
Paved Width (ft)	13.2	13.2				
Lane Width (ft)	13.2	13.2				

Big Bend National Park

ROUTE 0444: PJ SEWAGE TREATMENT PLANT ROAD

Data Collection Vehicle (DCV) Rating

Sources: Esri, HERE, DeLorme, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), swisstopo, MapmyIndia, © OpenStreetMap contributors, and the GIS User Community

Route Condition Legend – Pavement Condition Rating (PCR)

Poor (0 - 60)	Fair (61- 84)	Good (85 - 94)	Excellent (95 - 100)	Not Rated

See Appendix for definitions and formulas

Inspection Date: 3/20/2017	**Beginning Section MP**	0				
Paved Length (Miles): 0.12	**Section Length (MI)**	0.12				
Surface Type: ASPHALT	**Route Summary**					
Roadway Condition Information						
Pavement Condition Rating (PCR)	73	73				
Surface Condition Rating (SCR)	73	73				
Roughness Condition Index (RCI)	N/A	N/A				
Distress Index Values						
Structural Crack Index	73	73				
Alligator Crack Index	100	100				
Longitudinal Crack Index	73	73				
Transverse Cracking Index	82	82				
Patching Index	100	100				
Rutting Index	89	89				
International Roughness Index (IRI)	N/A	N/A				
Lane & Width Information						
Number of Lanes	1	1				
Paved Width (ft)	13.5	13.5				
Lane Width (ft)	13.5	13.5				

Section 6
Paved Parking Area Condition Rating Sheets

Big Bend National Park

Federal Lands Highway
Road Inventory Program

Big Bend National Park

ROUTE 0900: VISITOR PARKING LOT - HQ BUILDING #310

Manual Rating

FROM INTERSECTION OF ROUTE 0011 (NORTH ENTRANCE ROAD), ROUTE 0012 (RIO GRANDE ROAD), AND ROUTE 0013 (WEST ENTRANCE ROAD)

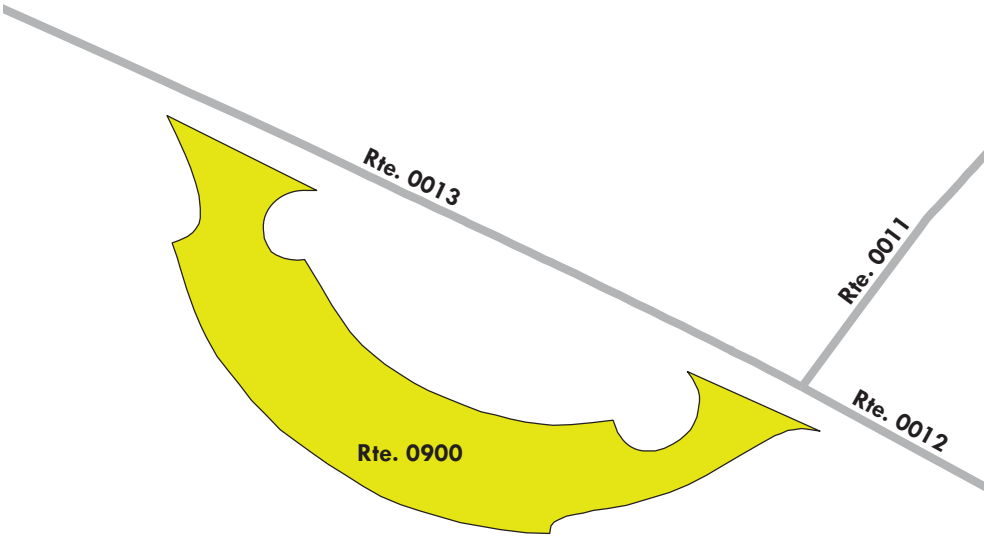
TO ROUTE 0013 (WEST ENTRANCE ROAD)

Inspection Date	FMSS Number	User Access	Surface Type
2/22/2017	53078	PUBLIC	ASPHALT
Area (Sq. Ft.)	**Lane Miles (11' Widths)**	**Curb Reveal (Inches)**	**Curb Recommendation**
21,698	0.374	NOT APPLICABLE	DO NOTHING
Curb Type		**Curb & Gutter Type**	
NO CURB		CONCRETE	
Pavement Recommendation		**Condition Rating / PCR**	
LIGHT 3R TREATMENTS		FAIR / 73	

Route Condition Legend – Pavement Condition Rating (PCR)

Poor (0 - 60)	Fair (61- 84)	Good (85 - 94)	Excellent (95 - 100)	Not Rated

See Appendix for definitions and formulas



Big Bend National Park

ROUTE 0901: PERSIMMON GAP VISITOR CENTER PARKING

Manual Rating

FROM ROUTE 0011 (NORTH ENTRANCE ROAD) AT MP 25.95 ON LEFT TO

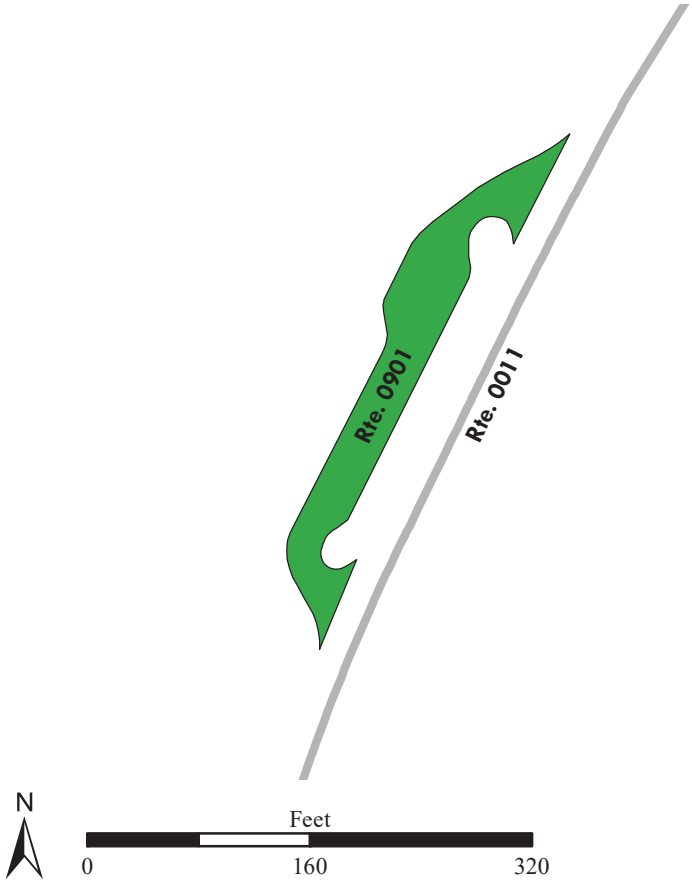
ROUTE 0011 (NORTH ENTRANCE ROAD) AT MP 26.01 ON LEFT

Inspection Date	FMSS Number	User Access	Surface Type
2/22/2017	54604	PUBLIC	ASPHALT
Area (Sq. Ft.)	**Lane Miles (11' Widths)**	**Curb Reveal (Inches)**	**Curb Recommendation**
11,322	0.195	NOT APPLICABLE	DO NOTHING
Curb Type		**Curb & Gutter Type**	
NO CURB		CONCRETE	
Pavement Recommendation		**Condition Rating / PCR**	
PREVENTIVE MAINTENANCE		GOOD / 90	

Route Condition Legend – Pavement Condition Rating (PCR)

Poor (0 - 60)	Fair (61- 84)	Good (85 - 94)	Excellent (95 - 100)	Not Rated

See Appendix for definitions and formulas



Big Bend National Park

ROUTE 0902: RIO GRANDE OVERLOOK PARKING

Manual Rating

FROM ROUTE 0012 (RIO GRANDE ROAD) AT MP 18.62 ON RIGHT

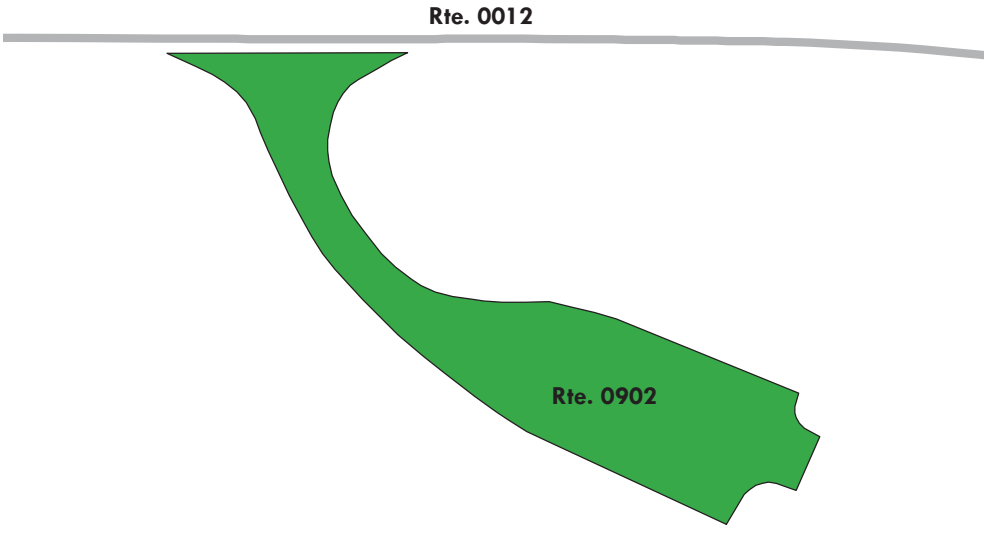
TO PARKING

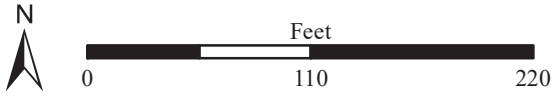
Inspection Date	FMSS Number	User Access	Surface Type
2/23/2017	54606	PUBLIC	ASPHALT
Area (Sq. Ft.)	**Lane Miles (11' Widths)**	**Curb Reveal (Inches)**	**Curb Recommendation**
14,962	0.258	NOT APPLICABLE	NOT APPLICABLE
Curb Type		**Curb & Gutter Type**	
NO CURB		NO CURB AND GUTTER	
Pavement Recommendation		**Condition Rating / PCR**	
PREVENTIVE MAINTENANCE		GOOD / 90	

Route Condition Legend – Pavement Condition Rating (PCR)

Poor (0 - 60)	Fair (61- 84)	Good (85 - 94)	Excellent (95 - 100)	Not Rated

See Appendix for definitions and formulas





Big Bend National Park

ROUTE 0905: BOQUILLAS CANYON TRAIL PARKING

Manual Rating

FROM END OF ROUTE 0109 (BOQUILLAS CANYON ROAD)

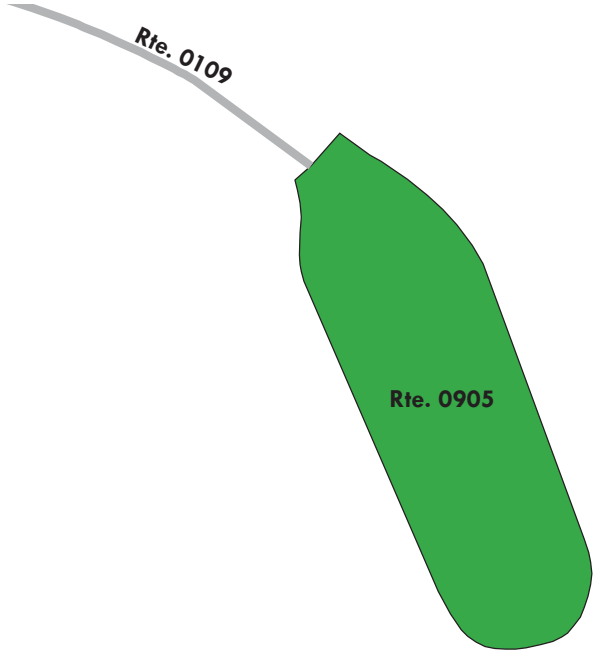
TO PARKING

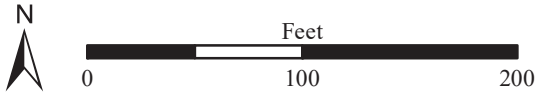
Inspection Date	FMSS Number	User Access	Surface Type
2/23/2017	54609	PUBLIC	ASPHALT
Area (Sq. Ft.)	**Lane Miles (11' Widths)**	**Curb Reveal (Inches)**	**Curb Recommendation**
14,953	0.257	NOT APPLICABLE	NOT APPLICABLE
Curb Type		**Curb & Gutter Type**	
NO CURB		NO CURB AND GUTTER	
Pavement Recommendation		**Condition Rating / PCR**	
PREVENTIVE MAINTENANCE		GOOD / 90	

Route Condition Legend – Pavement Condition Rating (PCR)

Poor (0 - 60)	Fair (61- 84)	Good (85 - 94)	Excellent (95 - 100)	Not Rated

See Appendix for definitions and formulas





Big Bend National Park

ROUTE 0906: RIO GRANDE VISITOR CENTER PARKING

Manual Rating

FROM ROUTE 0012 (RIO GRANDE ROAD) AT MP 20.12, NEAR RIO GRANDE VILLAGE

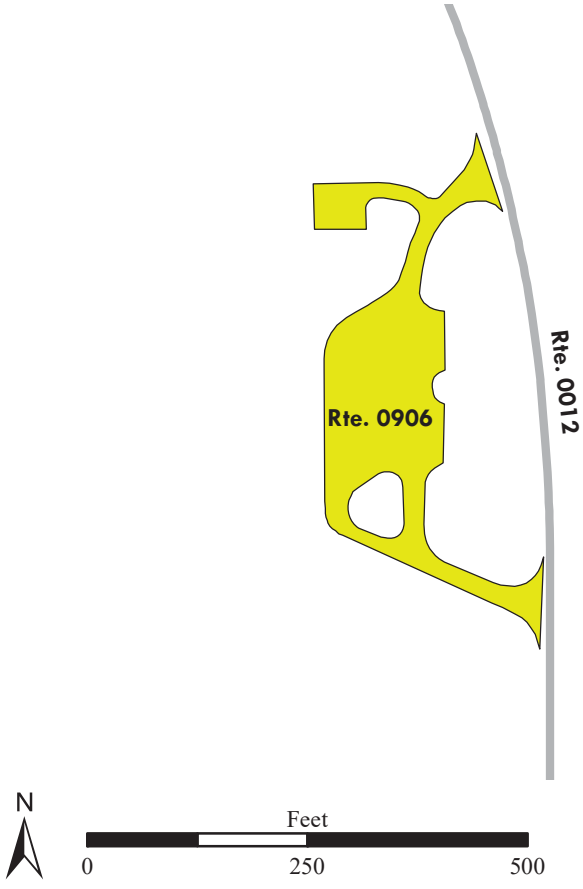
TO ROUTE 0012 (RIO GRANDE ROAD) AT MP 20.21

Inspection Date	FMSS Number	User Access	Surface Type
2/23/2017	54610	PUBLIC	ASPHALT
Area (Sq. Ft.)	**Lane Miles (11' Widths)**	**Curb Reveal (Inches)**	**Curb Recommendation**
39,178	0.675	6	DO NOTHING
Curb Type		**Curb & Gutter Type**	
CONCRETE		NO CURB AND GUTTER	
Pavement Recommendation		**Condition Rating / PCR**	
LIGHT 3R TREATMENTS		FAIR / 73	

Route Condition Legend – Pavement Condition Rating (PCR)

Poor (0 - 60)	Fair (61- 84)	Good (85 - 94)	Excellent (95 - 100)	Not Rated

See Appendix for definitions and formulas



Big Bend National Park

ROUTE 0907: RIO GRANDE DANIELS RANCH PICNIC AREA PARKING

Manual Rating

FROM BEGINNING OF ROUTE 0201 (RIO GRANDE VILLAGE ROAD)

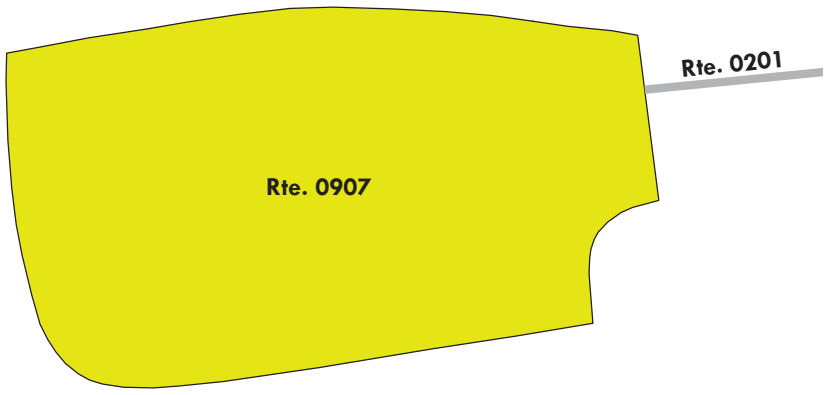
TO PARKING

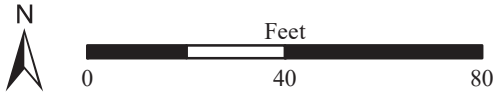
Inspection Date	FMSS Number	User Access	Surface Type
2/23/2017	54612	PUBLIC	ASPHALT
Area (Sq. Ft.)	**Lane Miles (11' Widths)**	**Curb Reveal (Inches)**	**Curb Recommendation**
7,377	0.127	NOT APPLICABLE	NOT APPLICABLE
Curb Type		**Curb & Gutter Type**	
NO CURB		NO CURB AND GUTTER	
Pavement Recommendation		**Condition Rating / PCR**	
LIGHT 3R TREATMENTS		FAIR / 73	

Route Condition Legend – Pavement Condition Rating (PCR)

Poor (0 - 60) | **Fair (61- 84)** | **Good (85 - 94)** | **Excellent (95 - 100)** | **Not Rated**

See Appendix for definitions and formulas





Big Bend National Park

ROUTE 0908: RIO GRANDE TRAILER PARKING RV PARK

Manual Rating

FROM ROUTE 0201 (RIO GRANDE VILLAGE ROAD) AT MP 0.52

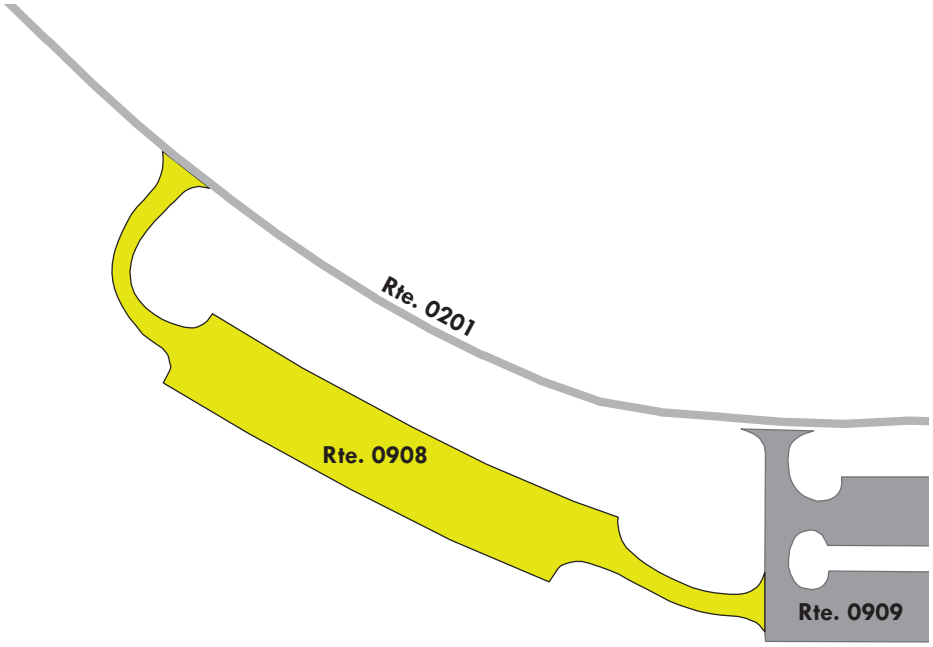
TO ROUTE 0909 (RIO GRANDE STORE PARKING)

Inspection Date	FMSS Number	User Access	Surface Type
2/23/2017	54613	PUBLIC	ASPHALT
Area (Sq. Ft.)	**Lane Miles (11' Widths)**	**Curb Reveal (Inches)**	**Curb Recommendation**
38,638	0.665	NOT APPLICABLE	DO NOTHING
Curb Type		**Curb & Gutter Type**	
NO CURB		CONCRETE	
Pavement Recommendation		**Condition Rating / PCR**	
LIGHT 3R TREATMENTS		FAIR / 73	

Route Condition Legend – Pavement Condition Rating (PCR)

Poor (0 - 60)	Fair (61- 84)	Good (85 - 94)	Excellent (95 - 100)	Not Rated

See Appendix for definitions and formulas



Big Bend National Park

ROUTE 0909: RIO GRANDE STORE PARKING

Manual Rating

FROM ROUTE 0201 (RIO GRANDE VILLAGE ROAD) AT MP 0.71

TO ROUTE 0908 (RIO GRANDE TRAILER PARKING RV PARK)

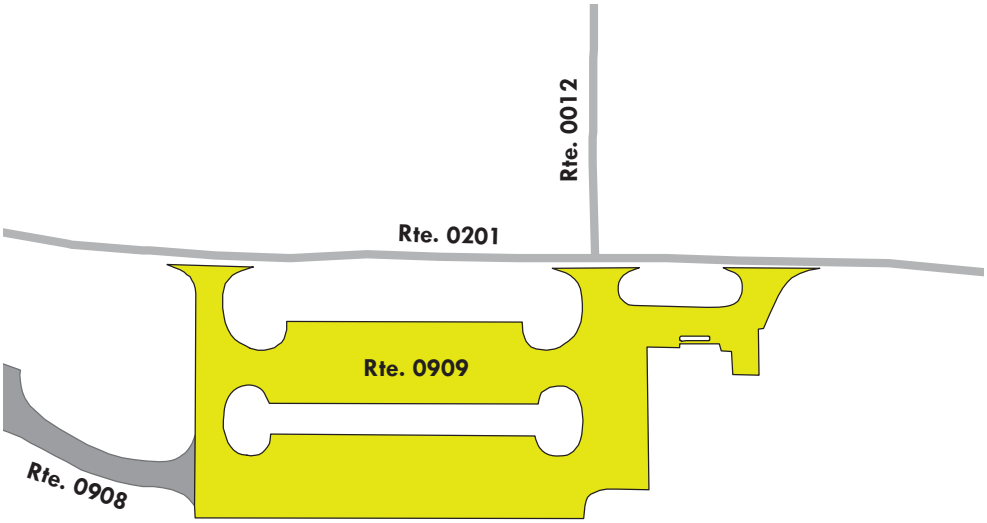
Inspection Date	FMSS Number	User Access	Surface Type
2/23/2017	54615	PUBLIC	ASPHALT
Area (Sq. Ft.)	**Lane Miles (11' Widths)**	**Curb Reveal (Inches)**	**Curb Recommendation**
46,921	0.808	NOT APPLICABLE	DO NOTHING
Curb Type		**Curb & Gutter Type**	
NO CURB		CONCRETE	
Pavement Recommendation		**Condition Rating / PCR**	
LIGHT 3R TREATMENTS		FAIR / 73	

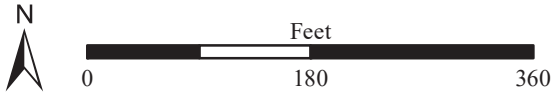
Route Condition Legend – Pavement Condition Rating (PCR)

Poor (0 - 60) | **Fair (61- 84)** | **Good (85 - 94)** | **Excellent (95 - 100)** | **Not Rated**

See Appendix for definitions and formulas

Note: Parking area consists of multiple surface types: 1 part Asphalt at 45,865 square feet; 1 part Concrete at 1,056 square feet.





Big Bend National Park

ROUTE 0910: RIO GRANDE AMPHITHEATER PARKING

Manual Rating

FROM ROUTE 0201 (RIO GRANDE VILLAGE ROAD) AT MP 0.91

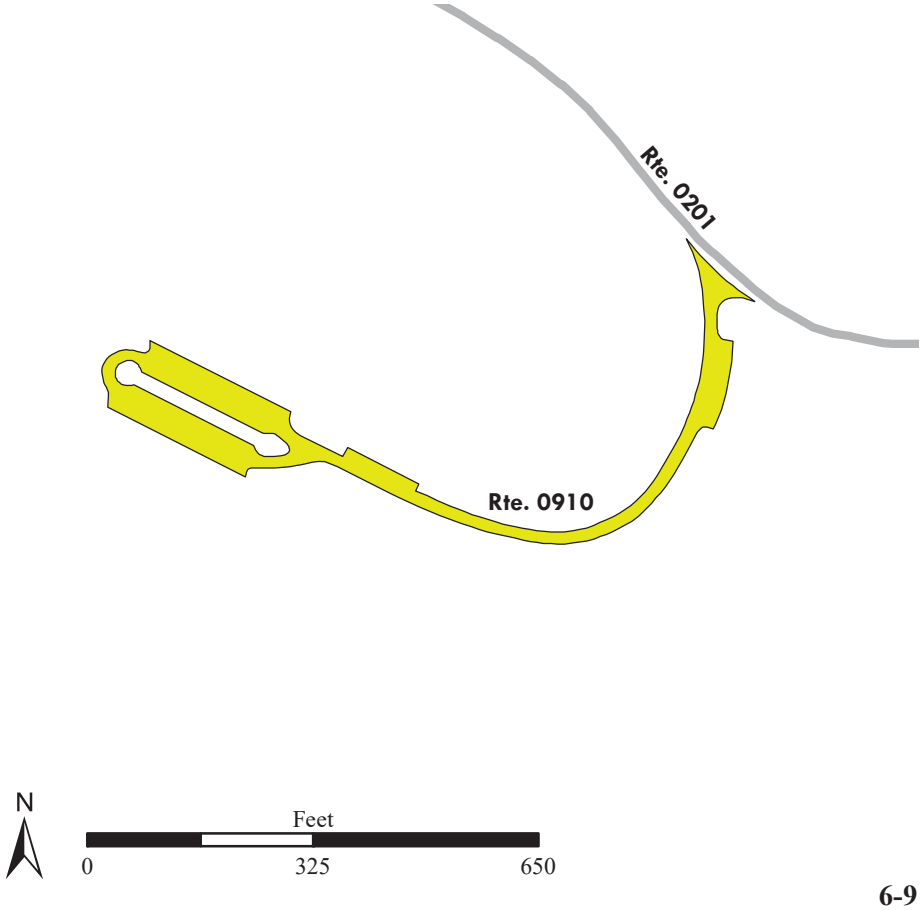
TO PARKING

Inspection Date	FMSS Number	User Access	Surface Type
2/23/2017	54617	PUBLIC	ASPHALT
Area (Sq. Ft.)	**Lane Miles (11' Widths)**	**Curb Reveal (Inches)**	**Curb Recommendation**
40,917	0.704	NOT APPLICABLE	DO NOTHING
Curb Type		**Curb & Gutter Type**	
NO CURB		CONCRETE	
Pavement Recommendation		**Condition Rating / PCR**	
LIGHT 3R TREATMENTS		FAIR / 73	

Route Condition Legend – Pavement Condition Rating (PCR)

Poor (0 - 60)	Fair (61- 84)	Good (85 - 94)	Excellent (95 - 100)	Not Rated

See Appendix for definitions and formulas



Big Bend National Park

ROUTE 0912: PANTHER JUNCTION GAS STATION PARKING LOT

Manual Rating

FROM ROUTE 0013 (WEST ENTRANCE ROAD) AT MP 0.18

TO ROUTE 0013 (WEST ENTRANCE ROAD) AT MP 0.21

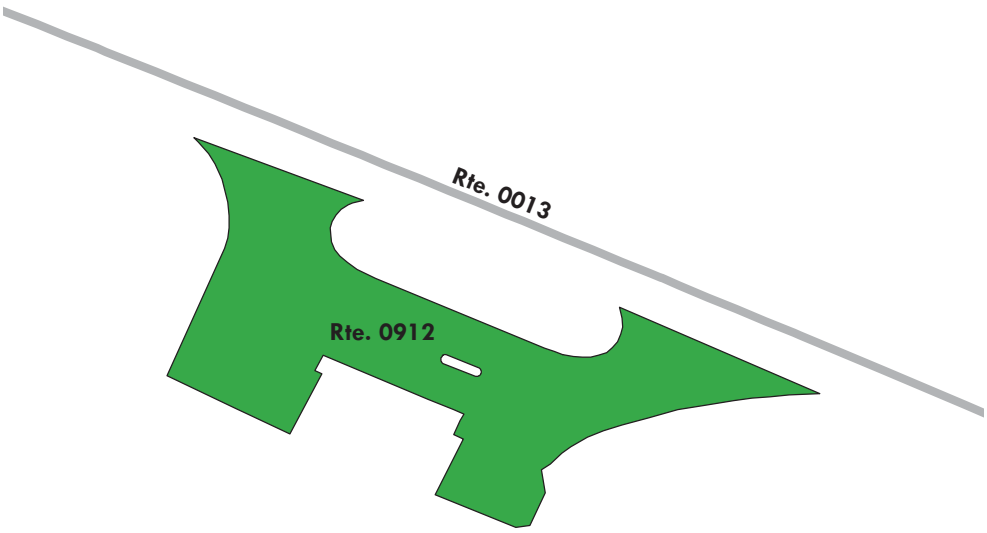
Inspection Date	FMSS Number	User Access	Surface Type
2/23/2017	90991	PUBLIC	ASPHALT
Area (Sq. Ft.)	**Lane Miles (11' Widths)**	**Curb Reveal (Inches)**	**Curb Recommendation**
10,438	0.18	4	DO NOTHING
Curb Type		**Curb & Gutter Type**	
CONCRETE		NO CURB AND GUTTER	
Pavement Recommendation		**Condition Rating / PCR**	
PREVENTIVE MAINTENANCE		GOOD / 90	

Route Condition Legend – Pavement Condition Rating (PCR)

Poor (0 - 60)	Fair (61- 84)	Good (85 - 94)	Excellent (95 - 100)	Not Rated

See Appendix for definitions and formulas

Note: Parking area consists of multiple surface types: 1 part Asphalt at 8,687 square feet; 1 part Concrete at 1,751 square feet.



Big Bend National Park

ROUTE 0913: BADLANDS PARKING AREA

Manual Rating

FROM ROUTE 0013 (WEST ENTRANCE ROAD) AT MP 20.69

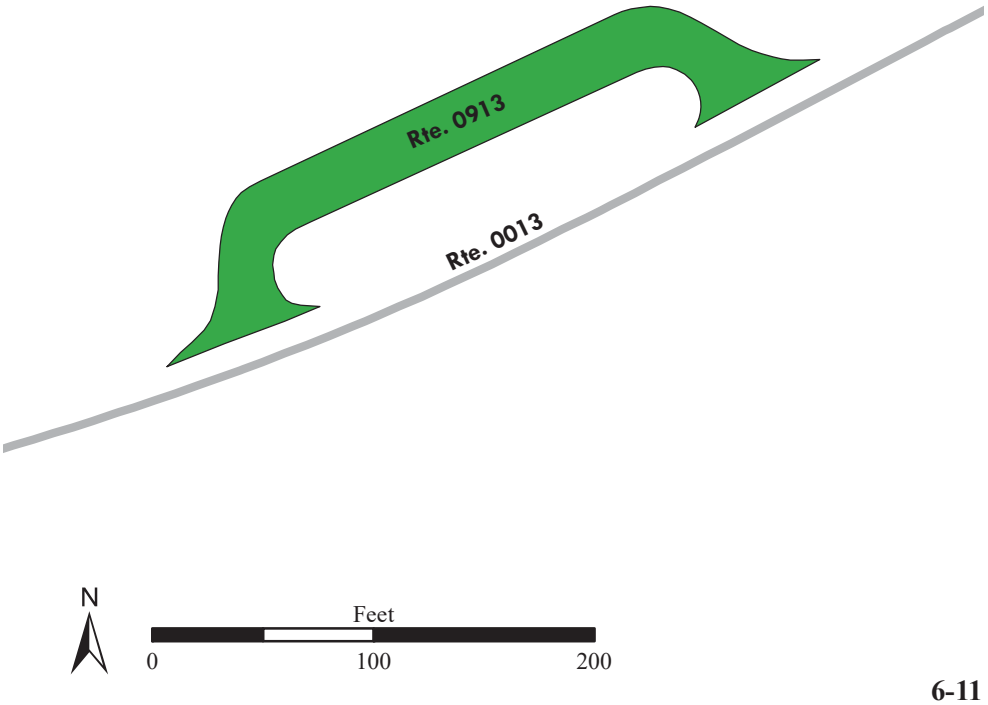
TO ROUTE 0013 (WEST ENTRANCE ROAD) AT MP 20.73

Inspection Date	FMSS Number	User Access	Surface Type
2/24/2017	54620	PUBLIC	ASPHALT
Area (Sq. Ft.)	**Lane Miles (11' Widths)**	**Curb Reveal (Inches)**	**Curb Recommendation**
7,563	0.13	NOT APPLICABLE	DO NOTHING
Curb Type		**Curb & Gutter Type**	
NO CURB		CONCRETE	
Pavement Recommendation		**Condition Rating / PCR**	
PREVENTIVE MAINTENANCE		GOOD / 90	

Route Condition Legend – Pavement Condition Rating (PCR)

Poor (0 - 60)	Fair (61- 84)	Good (85 - 94)	Excellent (95 - 100)	Not Rated

See Appendix for definitions and formulas



Big Bend National Park

ROUTE 0914: MAVERICK INFORMATION KIOSK PARKING

Manual Rating

FROM ROUTE 0013 (WEST ENTRANCE ROAD) AT MP 20.81

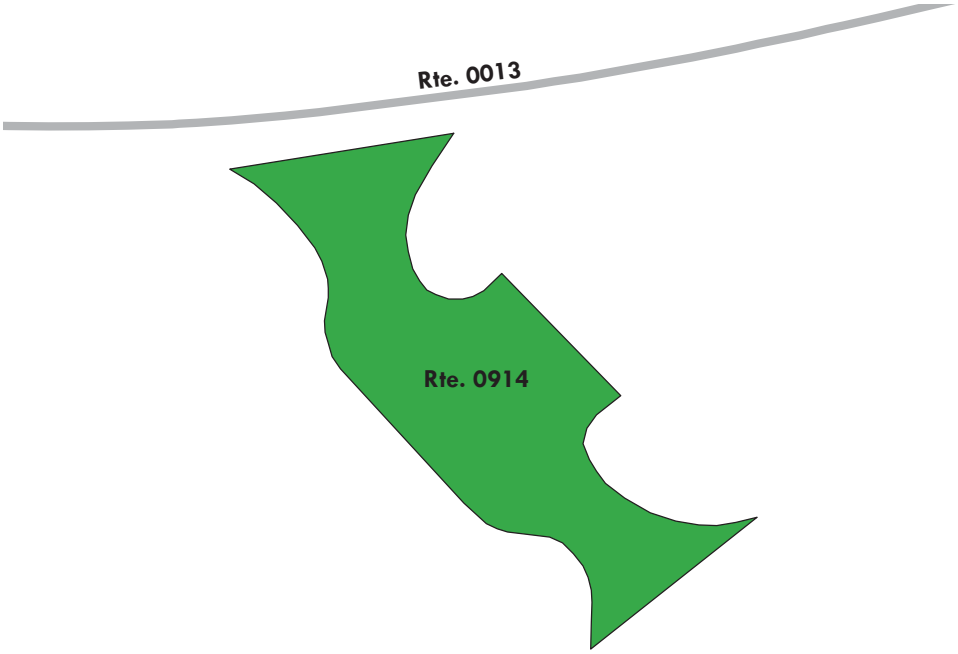
TO PARKING

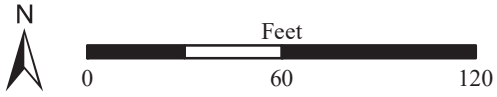
Inspection Date	FMSS Number	User Access	Surface Type
2/24/2017	54622	PUBLIC	ASPHALT
Area (Sq. Ft.)	**Lane Miles (11' Widths)**	**Curb Reveal (Inches)**	**Curb Recommendation**
6,472	0.111	NOT APPLICABLE	DO NOTHING
Curb Type		**Curb & Gutter Type**	
NO CURB		CONCRETE	
Pavement Recommendation		**Condition Rating / PCR**	
PREVENTIVE MAINTENANCE		GOOD / 90	

Route Condition Legend – Pavement Condition Rating (PCR)

Poor (0 - 60)	Fair (61- 84)	Good (85 - 94)	Excellent (95 - 100)	Not Rated

See Appendix for definitions and formulas





Big Bend National Park

ROUTE 0915: WEST ENTRANCE CONTACT STATION PARKING

Manual Rating

FROM ROUTE 0013 (WEST ENTRANCE ROAD) AT MP 20.75

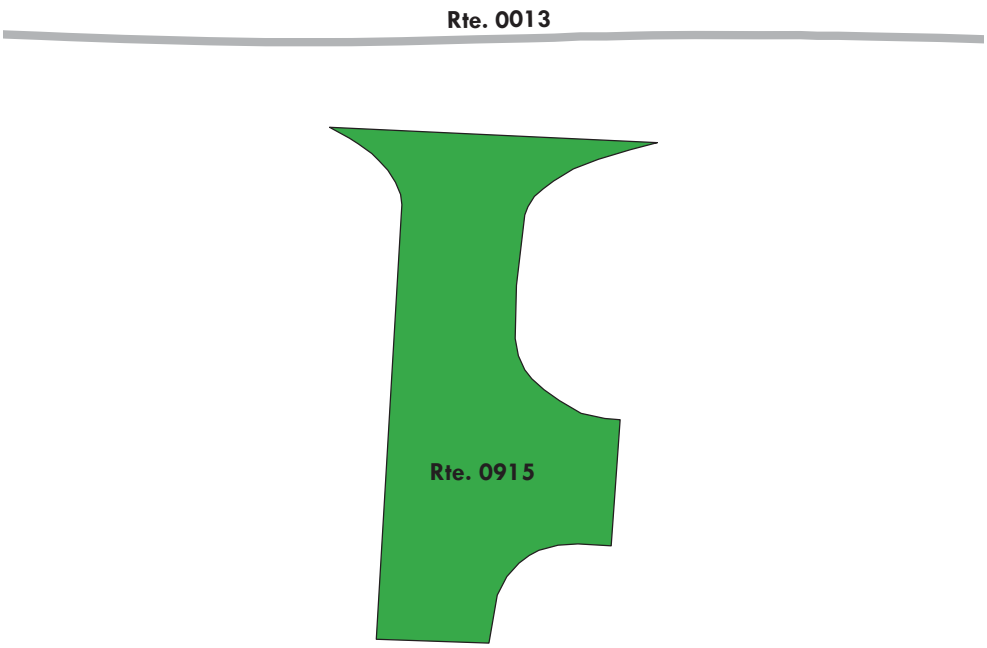
TO PARKING

Inspection Date	FMSS Number	User Access	Surface Type
2/24/2017	54623	PUBLIC	ASPHALT
Area (Sq. Ft.)	**Lane Miles (11' Widths)**	**Curb Reveal (Inches)**	**Curb Recommendation**
3,115	0.054	NOT APPLICABLE	DO NOTHING
Curb Type		**Curb & Gutter Type**	
NO CURB		CONCRETE	
Pavement Recommendation		**Condition Rating / PCR**	
PREVENTIVE MAINTENANCE		GOOD / 90	

Route Condition Legend – Pavement Condition Rating (PCR)

Poor (0 - 60)	Fair (61- 84)	Good (85 - 94)	Excellent (95 - 100)	Not Rated

See Appendix for definitions and formulas



Big Bend National Park

ROUTE 0917: LOST MINE TRAIL PARKING

Manual Rating

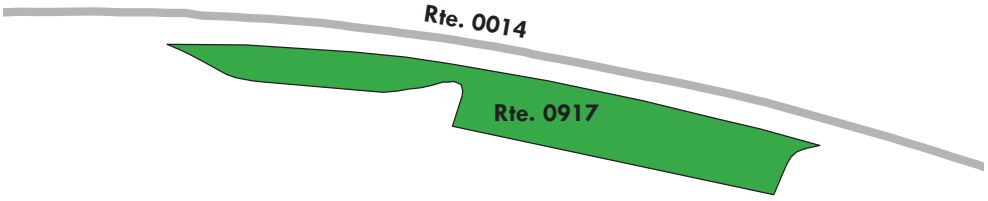
ADJACENT TO ROUTE 0014 (CHISOS BASIN ROAD) AT MP 5.17

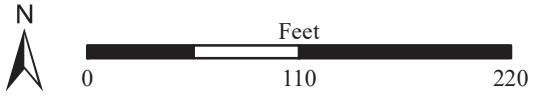
Inspection Date	FMSS Number	User Access	Surface Type
2/23/2017	54625	PUBLIC	ASPHALT
Area (Sq. Ft.)	**Lane Miles (11' Widths)**	**Curb Reveal (Inches)**	**Curb Recommendation**
7,022	0.121	NOT APPLICABLE	DO NOTHING
Curb Type		**Curb & Gutter Type**	
NO CURB		CONCRETE	
Pavement Recommendation		**Condition Rating / PCR**	
PREVENTIVE MAINTENANCE		GOOD / 90	

Route Condition Legend – Pavement Condition Rating (PCR)

Poor (0 - 60)	Fair (61- 84)	Good (85 - 94)	Excellent (95 - 100)	Not Rated

See Appendix for definitions and formulas





Big Bend National Park

ROUTE 0918: BASIN RANGER STATION PARKING

Manual Rating

FROM ROUTE 0014 (CHISOS BASIN ROAD) ON RIGHT

TO PARKING

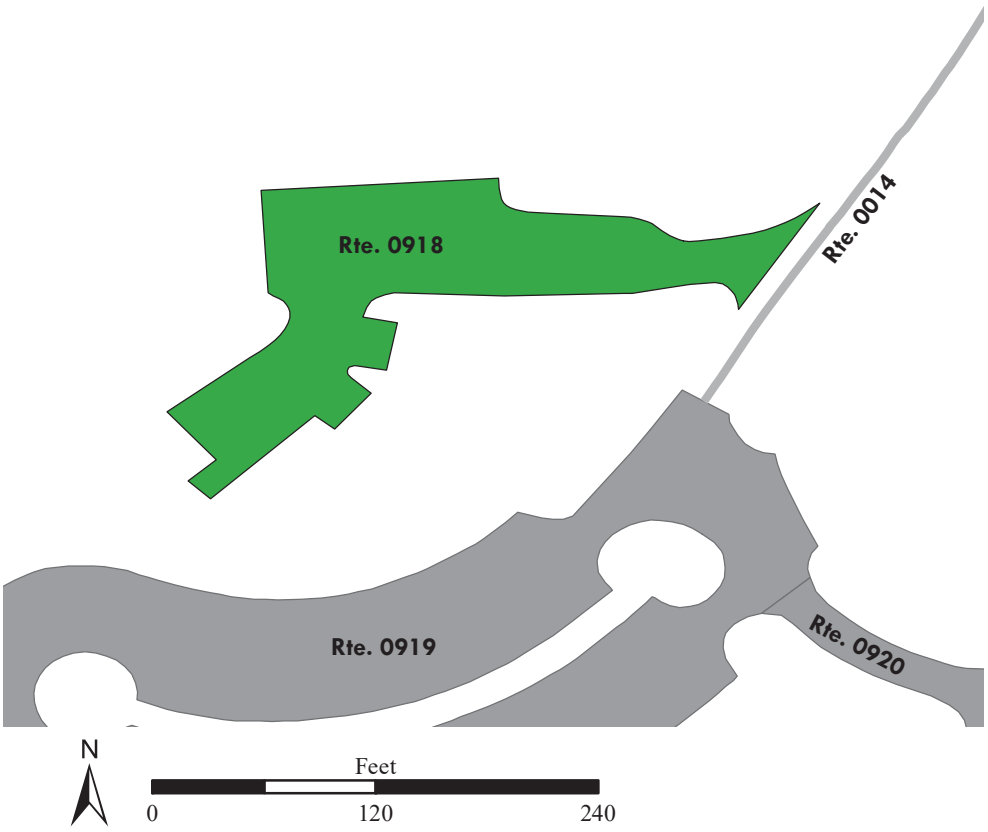
Inspection Date	FMSS Number	User Access	Surface Type
2/23/2017	54627	NONPUBLIC	ASPHALT
Area (Sq. Ft.)	**Lane Miles (11' Widths)**	**Curb Reveal (Inches)**	**Curb Recommendation**
16,769	0.289	NOT APPLICABLE	DO NOTHING
Curb Type		**Curb & Gutter Type**	
NO CURB		CONCRETE	
Pavement Recommendation		**Condition Rating / PCR**	
PREVENTIVE MAINTENANCE		GOOD / 90	

Route Condition Legend – Pavement Condition Rating (PCR)

Poor (0 - 60)	Fair (61- 84)	Good (85 - 94)	Excellent (95 - 100)	Not Rated

See Appendix for definitions and formulas

Note: Parking area consists of multiple surface types: 1 part Asphalt at 13,734 square feet; 2 parts Concrete at 3,035 square feet.



Big Bend National Park

ROUTE 0919: BASIN VISITORS CENTER PARKING

Manual Rating

FROM END OF ROUTE 0014 (CHISOS BASIN ROAD)

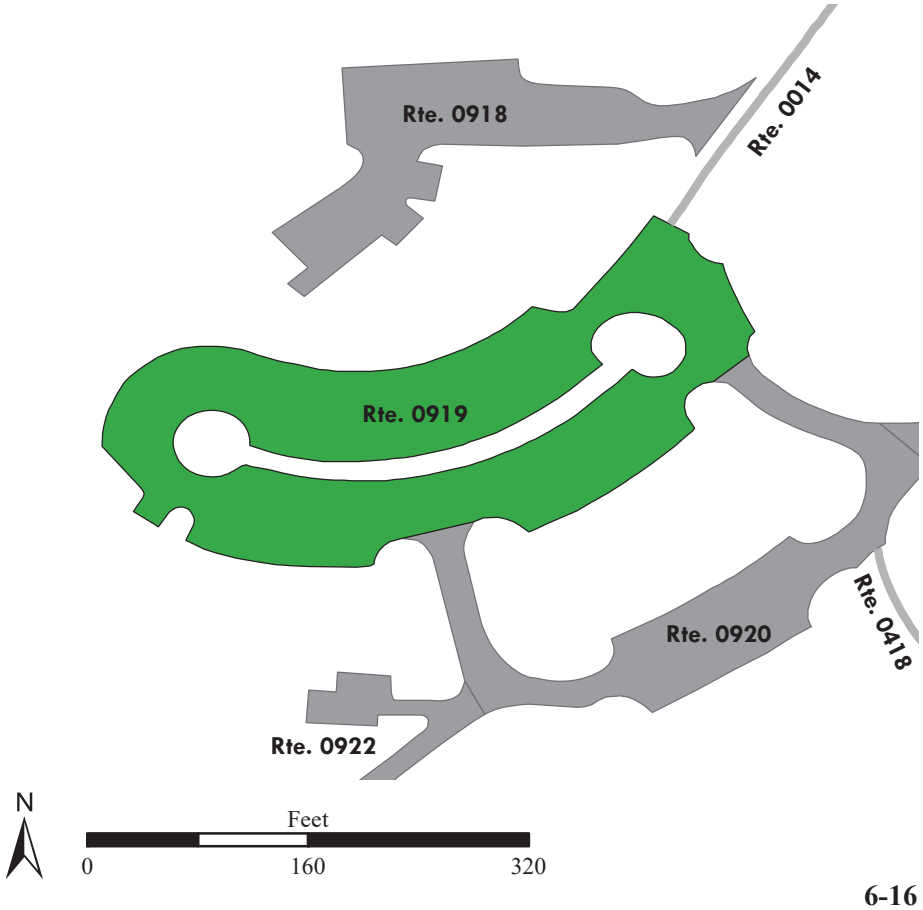
TO ROUTE 0920 (BASIN MOTEL PARKING)

Inspection Date	FMSS Number	User Access	Surface Type
2/23/2017	54629	PUBLIC	ASPHALT
Area (Sq. Ft.)	**Lane Miles (11' Widths)**	**Curb Reveal (Inches)**	**Curb Recommendation**
45,943	0.791	NOT APPLICABLE	DO NOTHING
Curb Type		**Curb & Gutter Type**	
NO CURB		CONCRETE	
Pavement Recommendation		**Condition Rating / PCR**	
PREVENTIVE MAINTENANCE		GOOD / 90	

Route Condition Legend – Pavement Condition Rating (PCR)

Poor (0 - 60)	Fair (61- 84)	Good (85 - 94)	Excellent (95 - 100)	Not Rated

See Appendix for definitions and formulas



Big Bend National Park

ROUTE 0920: BASIN MOTEL PARKING

Manual Rating

FROM THE BEGINNING OF ROUTE 0418 (CHISOS BASIN RESIDENCE ROAD)

TO ROUTE 0919 (BASIN VISITORS CENTER PARKING), ROUTE 0921 (CHISOS MOUNTAIN

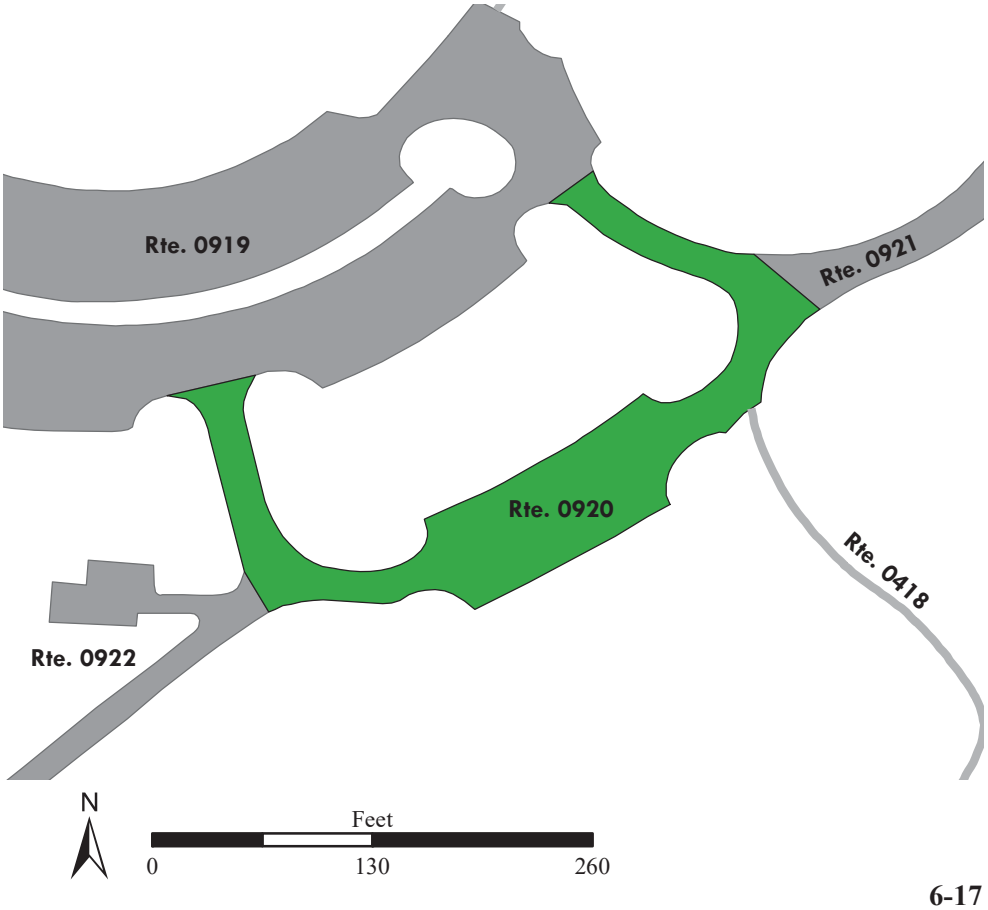
LODGE PARKING), AND ROUTE 0922 (CHISOS COTTAGE PARKING)

Inspection Date	FMSS Number	User Access	Surface Type
2/23/2017	54631	PUBLIC	ASPHALT
Area (Sq. Ft.)	**Lane Miles (11' Widths)**	**Curb Reveal (Inches)**	**Curb Recommendation**
17,774	0.306	NOT APPLICABLE	DO NOTHING
Curb Type		**Curb & Gutter Type**	
NO CURB		CONCRETE	
Pavement Recommendation		**Condition Rating / PCR**	
PREVENTIVE MAINTENANCE		GOOD / 90	

Route Condition Legend – Pavement Condition Rating (PCR)

Poor (0 - 60)	Fair (61- 84)	Good (85 - 94)	Excellent (95 - 100)	Not Rated

See Appendix for definitions and formulas



Big Bend National Park

ROUTE 0921: CHISOS MOUNTAIN LODGE PARKING

Manual Rating

FROM ROUTE 0920 (BASIN MOTEL PARKING)

TO PARKING

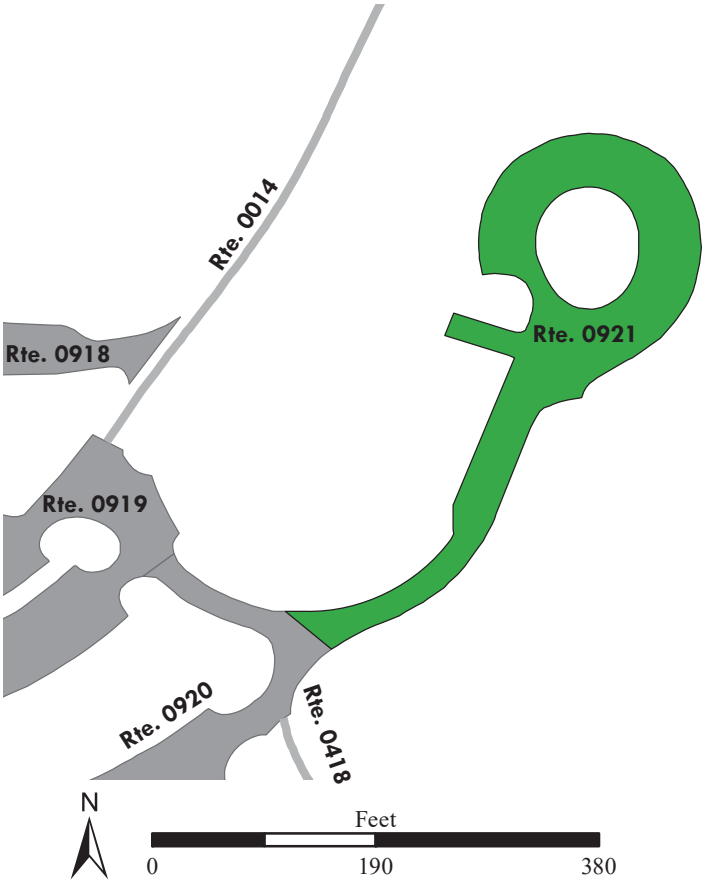
Inspection Date	FMSS Number	User Access	Surface Type
2/23/2017	54634	PUBLIC	ASPHALT
Area (Sq. Ft.)	**Lane Miles (11' Widths)**	**Curb Reveal (Inches)**	**Curb Recommendation**
29,088	0.501	NOT APPLICABLE	DO NOTHING
Curb Type		**Curb & Gutter Type**	
NO CURB		CONCRETE	
Pavement Recommendation		**Condition Rating / PCR**	
PREVENTIVE MAINTENANCE		GOOD / 90	

Route Condition Legend – Pavement Condition Rating (PCR)

Poor (0 - 60)	Fair (61- 84)	Good (85 - 94)	Excellent (95 - 100)	Not Rated

See Appendix for definitions and formulas

Note: Parking area consists of multiple surface types: 1 part Asphalt at 28,161 square feet; 1 part Concrete at 927 square feet.



Big Bend National Park

ROUTE 0922: CHISOS COTTAGE PARKING

Manual Rating

FROM ROUTE 0920 (BASIN MOTEL PARKING)

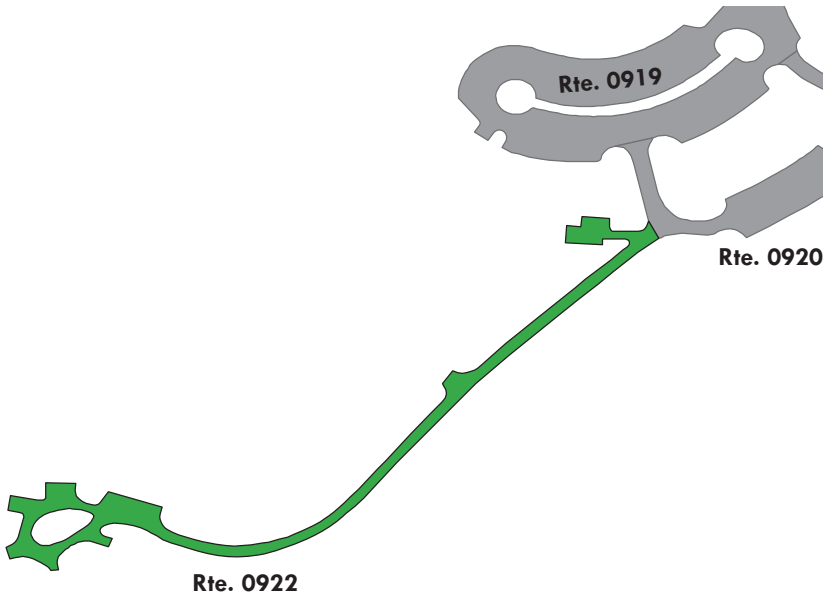
TO PARKING

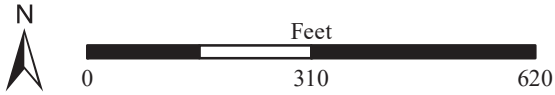
Inspection Date	FMSS Number	User Access	Surface Type
2/23/2017	54637	PUBLIC	ASPHALT
Area (Sq. Ft.)	**Lane Miles (11' Widths)**	**Curb Reveal (Inches)**	**Curb Recommendation**
22,576	0.389	6	DO NOTHING
Curb Type		**Curb & Gutter Type**	
WOOD		NO CURB AND GUTTER	
Pavement Recommendation		**Condition Rating / PCR**	
PREVENTIVE MAINTENANCE		GOOD / 90	

Route Condition Legend – Pavement Condition Rating (PCR)

Poor (0 - 60)	Fair (61- 84)	Good (85 - 94)	Excellent (95 - 100)	Not Rated

See Appendix for definitions and formulas





Big Bend National Park

ROUTE 0923: BASIN AMPHITHEATER PARKING

Manual Rating

FROM INTERSECTION OF ROUTE 0206 (LOWER BASIN CAMPGROUND ROAD)

AND ROUTE 0233Z (CLASS A CAMPGROUND - CHISOS BASIN MAIN LOOP)

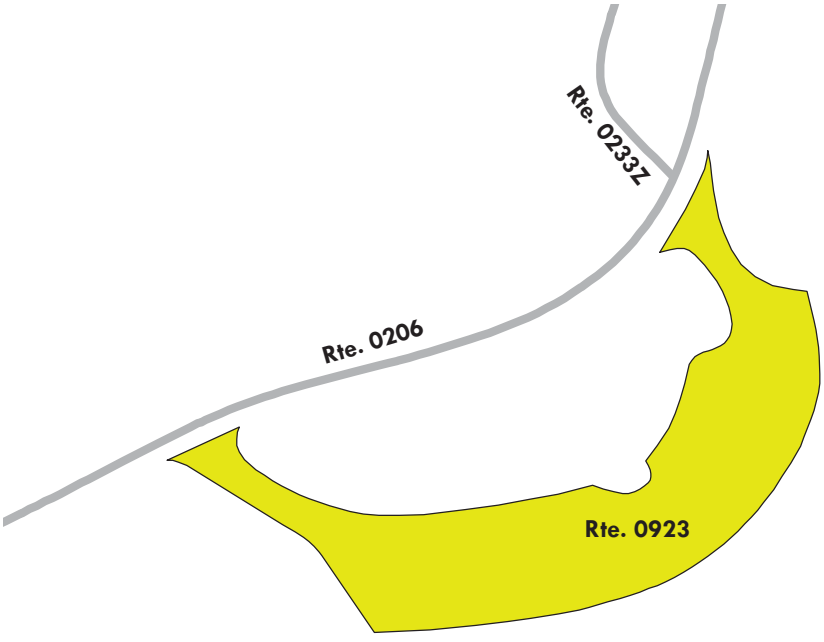
TO ROUTE 0206 (LOWER BASIN CAMPGROUND ROAD)

Inspection Date	FMSS Number	User Access	Surface Type
2/23/2017	54639	PUBLIC	ASPHALT
Area (Sq. Ft.)	**Lane Miles (11' Widths)**	**Curb Reveal (Inches)**	**Curb Recommendation**
22,991	0.396	NOT APPLICABLE	DO NOTHING
Curb Type		**Curb & Gutter Type**	
NO CURB		CONCRETE	
Pavement Recommendation		**Condition Rating / PCR**	
LIGHT 3R TREATMENTS		FAIR / 73	

Route Condition Legend – Pavement Condition Rating (PCR)

Poor (0 - 60)	Fair (61- 84)	Good (85 - 94)	Excellent (95 - 100)	Not Rated

See Appendix for definitions and formulas



Big Bend National Park

ROUTE 0924: BASIN REMUDA PARKING

Manual Rating

FROM END OF ROUTE 0206 (LOWER BASIN CAMPGROUND ROAD)

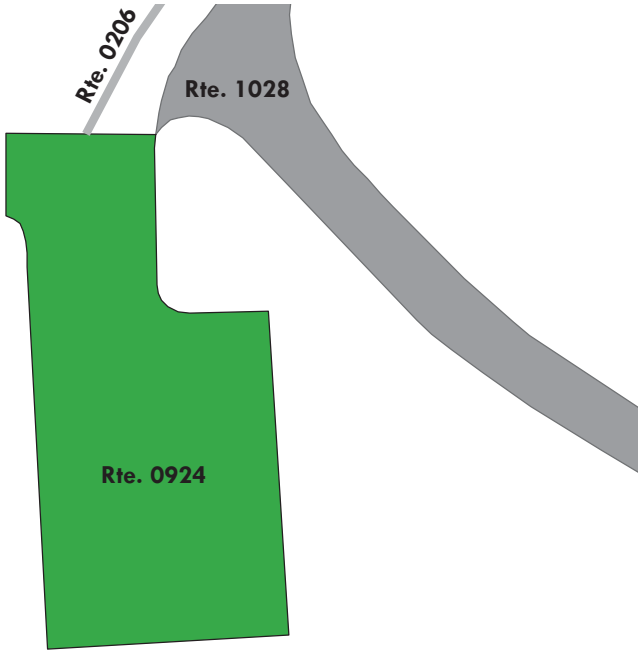
TO PARKING

Inspection Date	FMSS Number	User Access	Surface Type
2/23/2017	54641	NONPUBLIC	ASPHALT
Area (Sq. Ft.)	**Lane Miles (11' Widths)**	**Curb Reveal (Inches)**	**Curb Recommendation**
6,692	0.115	NOT APPLICABLE	DO NOTHING
Curb Type		**Curb & Gutter Type**	
NO CURB		CONCRETE	
Pavement Recommendation		**Condition Rating / PCR**	
PREVENTIVE MAINTENANCE		GOOD / 90	

Route Condition Legend – Pavement Condition Rating (PCR)

Poor (0 - 60)	Fair (61- 84)	Good (85 - 94)	Excellent (95 - 100)	Not Rated

See Appendix for definitions and formulas



Big Bend National Park

ROUTE 0925: BLUE CREEK OVERLOOK PARKING

Manual Rating

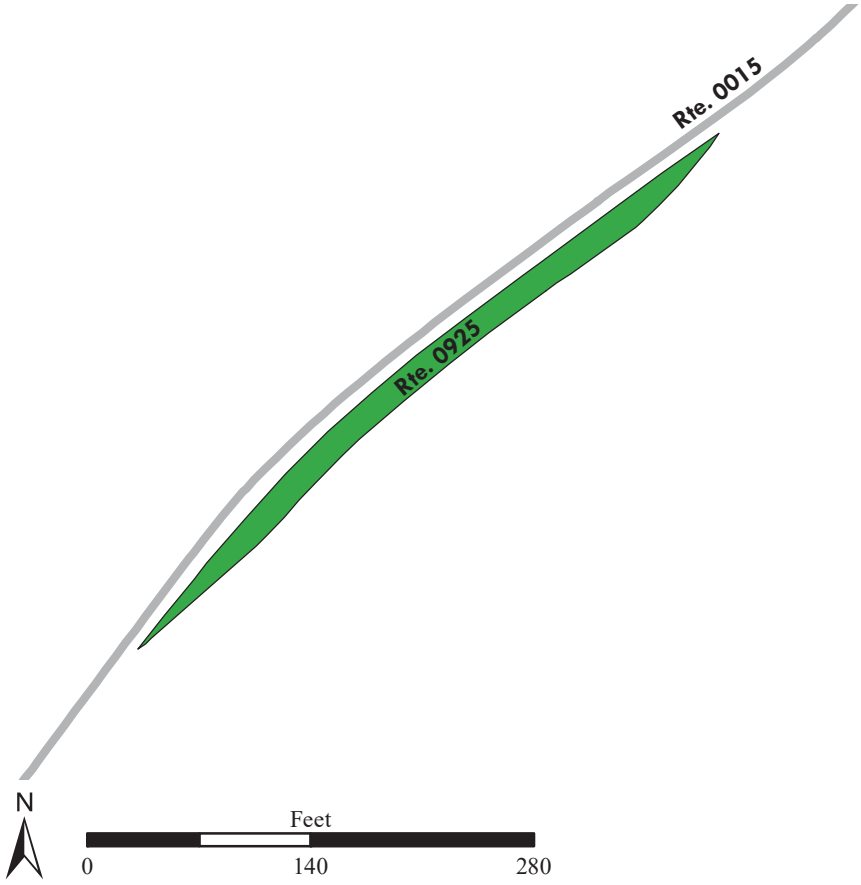
ADJACENT TO ROUTE 0015 (ROSS MAXWELL SCENIC DRIVE) AT MP 8.11

Inspection Date	FMSS Number	User Access	Surface Type
2/24/2017	54643	PUBLIC	ASPHALT
Area (Sq. Ft.)	**Lane Miles (11' Widths)**	**Curb Reveal (Inches)**	**Curb Recommendation**
6,090	0.105	NOT APPLICABLE	DO NOTHING
Curb Type		**Curb & Gutter Type**	
NO CURB		CONCRETE	
Pavement Recommendation		**Condition Rating / PCR**	
PREVENTIVE MAINTENANCE		GOOD / 90	

Route Condition Legend – Pavement Condition Rating (PCR)

Poor (0 - 60) | **Fair (61- 84)** | **Good (85 - 94)** | **Excellent (95 - 100)** | **Not Rated**

See Appendix for definitions and formulas



Big Bend National Park

ROUTE 0926ZZ: SOTOL VISTA OVERLOOK PARKING

Summary Route
Manual Rating

ADJACENT TO ROUTE 0112 (SOTOL VISTA OVERLOOK ROAD) AT END OF LOOP

Inspection Date	FMSS Number	User Access	Surface Type
2/24/2017	54644	PUBLIC	ASPHALT
Area (Sq. Ft.)	**Lane Miles (11' Widths)**	**Condition Rating / PCR**	
5,518	0.095	SUMMARY / 90	

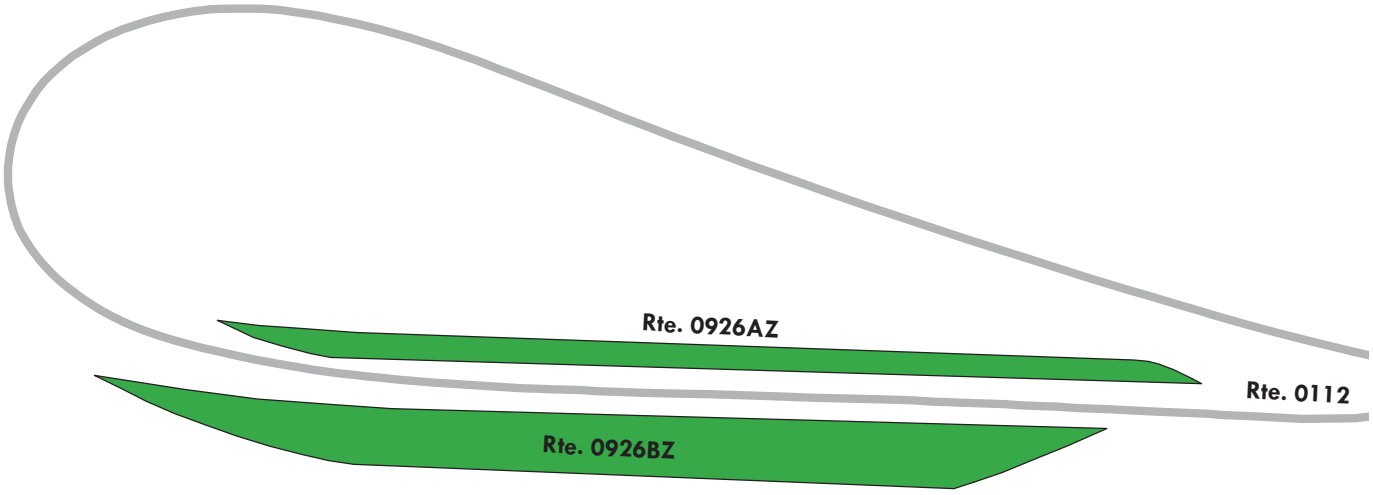
Route Condition Legend – Pavement Condition Rating (PCR)

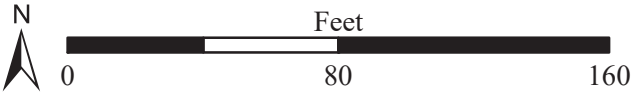
Poor (0 - 60)	Fair (61- 84)	Good (85 - 94)	Excellent (95 - 100)	Not Rated

See Appendix for definitions and formulas

The condition shown on this page reflects the overall route condition and may not reflect individual subcomponent ratings.

Rte. 0926ZZ
(2 Subcomponents)





Big Bend National Park

ROUTE 0926AZ: SOTOL VISTA OVERLOOK PARKING A

Subcomponent of Route BIBE-0926ZZ

Manual Rating

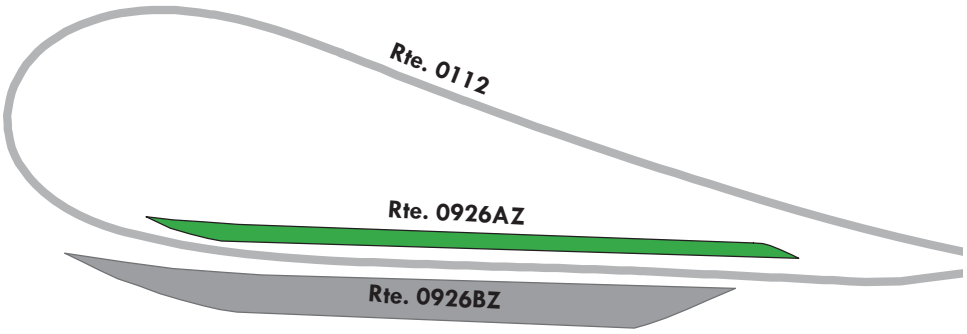
ADJACENT TO ROUTE 0112 (SOTOL VISTA OVERLOOK ROAD) AT END OF LOOP ON LEFT

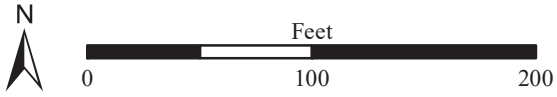
Inspection Date	FMSS Number	User Access	Surface Type
2/24/2017	54644	PUBLIC	ASPHALT
Area (Sq. Ft.)	**Lane Miles (11' Widths)**	**Curb Reveal (Inches)**	**Curb Recommendation**
1,663	0.029	NOT APPLICABLE	DO NOTHING
Curb Type		**Curb & Gutter Type**	
NO CURB		CONCRETE	
Pavement Recommendation		**Condition Rating / PCR**	
PREVENTIVE MAINTENANCE		GOOD / 90	

Route Condition Legend – Pavement Condition Rating (PCR)

Poor (0 - 60) | Fair (61- 84) | Good (85 - 94) | Excellent (95 - 100) | Not Rated

See Appendix for definitions and formulas





Big Bend National Park

ROUTE 0926BZ: SOTOL VISTA OVERLOOK PARKING B

Subcomponent of Route BIBE-0926ZZ
Manual Rating

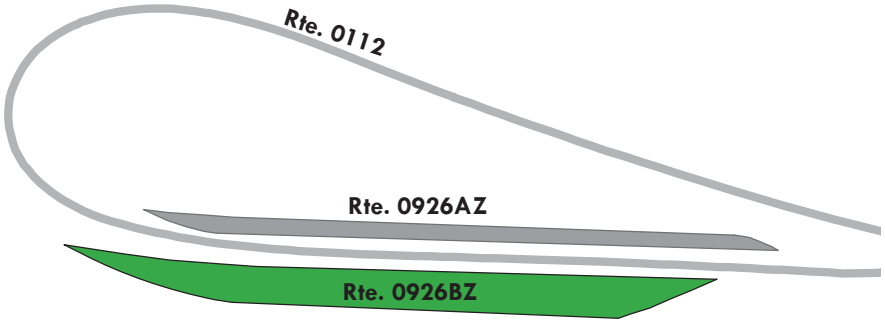
ADJACENT TO ROUTE 0112 (SOTOL VISTA OVERLOOK ROAD) AT END OF LOOP ON RIGHT

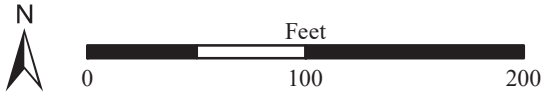
Inspection Date	FMSS Number	User Access	Surface Type
2/24/2017	54644	PUBLIC	ASPHALT
Area (Sq. Ft.)	**Lane Miles (11' Widths)**	**Curb Reveal (Inches)**	**Curb Recommendation**
3,855	0.066	NOT APPLICABLE	DO NOTHING
Curb Type		**Curb & Gutter Type**	
NO CURB		CONCRETE	
Pavement Recommendation		**Condition Rating / PCR**	
PREVENTIVE MAINTENANCE		GOOD / 90	

Route Condition Legend – Pavement Condition Rating (PCR)

Poor (0 - 60)	Fair (61- 84)	Good (85 - 94)	Excellent (95 - 100)	Not Rated

See Appendix for definitions and formulas





Big Bend National Park

ROUTE 0927: BURRO MESA POUROFF PARKING

Manual Rating

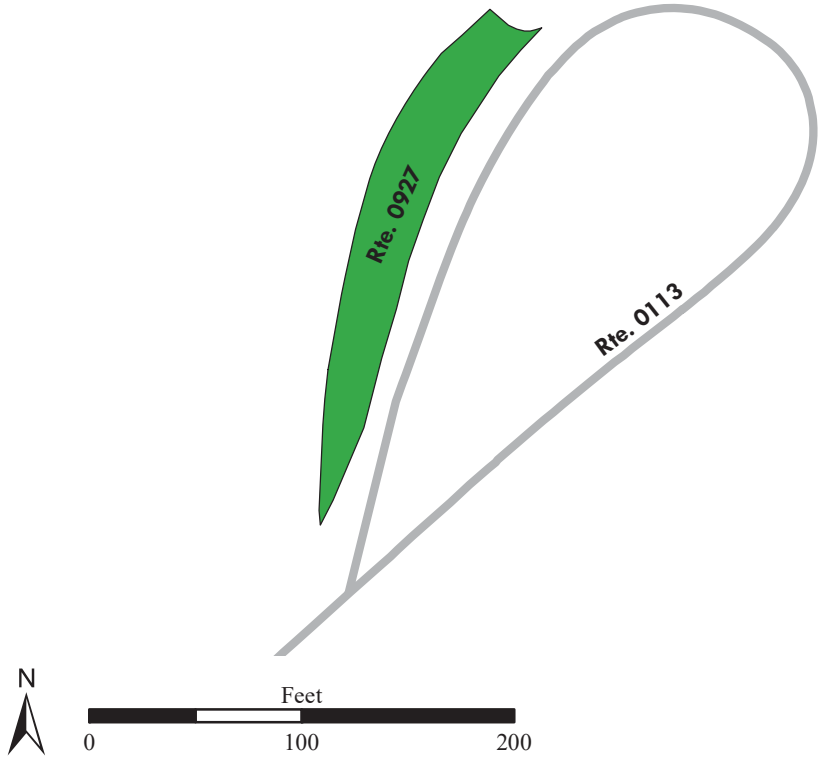
ADJACENT TO ROUTE 0113 (BURRO MESA POUROFF ROAD) AT END OF LOOP

Inspection Date	FMSS Number	User Access	Surface Type
2/24/2017	54646	PUBLIC	ASPHALT
Area (Sq. Ft.)	**Lane Miles (11' Widths)**	**Curb Reveal (Inches)**	**Curb Recommendation**
5,349	0.092	NOT APPLICABLE	DO NOTHING
Curb Type		**Curb & Gutter Type**	
NO CURB		CONCRETE	
Pavement Recommendation		**Condition Rating / PCR**	
PREVENTIVE MAINTENANCE		GOOD / 90	

Route Condition Legend – Pavement Condition Rating (PCR)

Poor (0 - 60) | **Fair (61- 84)** | **Good (85 - 94)** | **Excellent (95 - 100)** | **Not Rated**

See Appendix for definitions and formulas



Big Bend National Park

ROUTE 0928: CHIMNEY TRAILS PARKING

Manual Rating

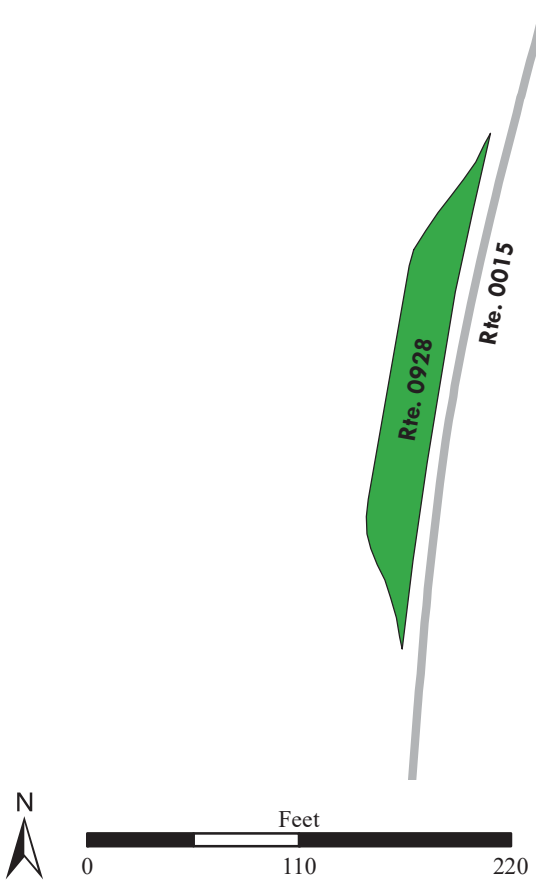
ADJACENT TO ROUTE 0015 (ROSS MAXWELL SCENIC DRIVE) AT MP 12.75

Inspection Date	FMSS Number	User Access	Surface Type
2/24/2017	54647	PUBLIC	ASPHALT
Area (Sq. Ft.)	**Lane Miles (11' Widths)**	**Curb Reveal (Inches)**	**Curb Recommendation**
4,719	0.081	NOT APPLICABLE	NOT APPLICABLE
Curb Type		**Curb & Gutter Type**	
NO CURB		NO CURB AND GUTTER	
Pavement Recommendation		**Condition Rating / PCR**	
PREVENTIVE MAINTENANCE		GOOD / 90	

Route Condition Legend – Pavement Condition Rating (PCR)

Poor (0 - 60)	Fair (61- 84)	Good (85 - 94)	Excellent (95 - 100)	Not Rated

See Appendix for definitions and formulas



Big Bend National Park

ROUTE 0929: GOAT MOUNTAIN PARKING

Manual Rating

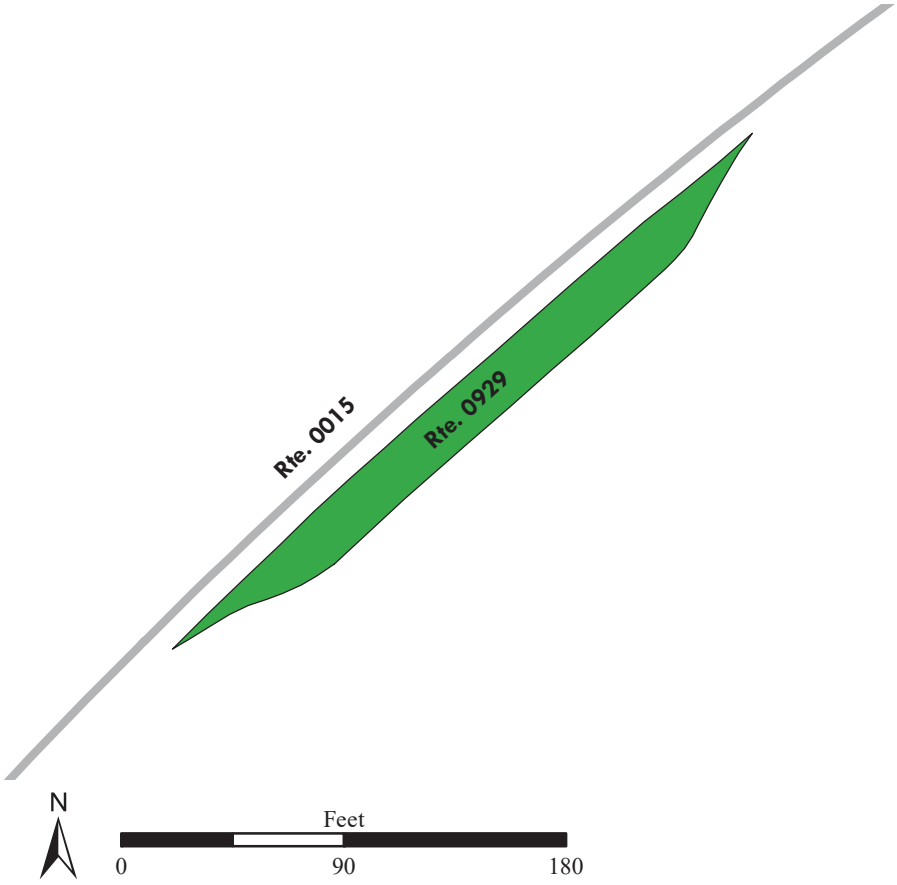
ADJACENT TO ROUTE 0015 (ROSS MAXWELL SCENIC DRIVE) AT MP 14.82

Inspection Date	FMSS Number	User Access	Surface Type
2/24/2017	54649	PUBLIC	ASPHALT
Area (Sq. Ft.)	**Lane Miles (11' Widths)**	**Curb Reveal (Inches)**	**Curb Recommendation**
4,499	0.077	NOT APPLICABLE	DO NOTHING
Curb Type		**Curb & Gutter Type**	
NO CURB		CONCRETE	
Pavement Recommendation		**Condition Rating / PCR**	
PREVENTIVE MAINTENANCE		GOOD / 90	

Route Condition Legend – Pavement Condition Rating (PCR)

Poor (0 - 60) | **Fair (61- 84)** | **Good (85 - 94)** | **Excellent (95 - 100)** | **Not Rated**

See Appendix for definitions and formulas



Big Bend National Park

ROUTE 0930: MULE EARS OVERLOOK PARKING

Manual Rating

ADJACENT TO ROUTE 0114 (MULE EARS OVERLOOK ROAD) AT END OF LOOP

Inspection Date	FMSS Number	User Access	Surface Type
2/24/2017	54651	PUBLIC	ASPHALT
Area (Sq. Ft.)	**Lane Miles (11' Widths)**	**Curb Reveal (Inches)**	**Curb Recommendation**
6,448	0.111	NOT APPLICABLE	DO NOTHING
Curb Type		**Curb & Gutter Type**	
NO CURB		CONCRETE	
Pavement Recommendation		**Condition Rating / PCR**	
PREVENTIVE MAINTENANCE		GOOD / 90	

Route Condition Legend – Pavement Condition Rating (PCR)

Poor (0 - 60)	Fair (61- 84)	Good (85 - 94)	Excellent (95 - 100)	Not Rated

See Appendix for definitions and formulas

Big Bend National Park

ROUTE 0931: TUFF CANYON OVERLOOK PARKING

Manual Rating

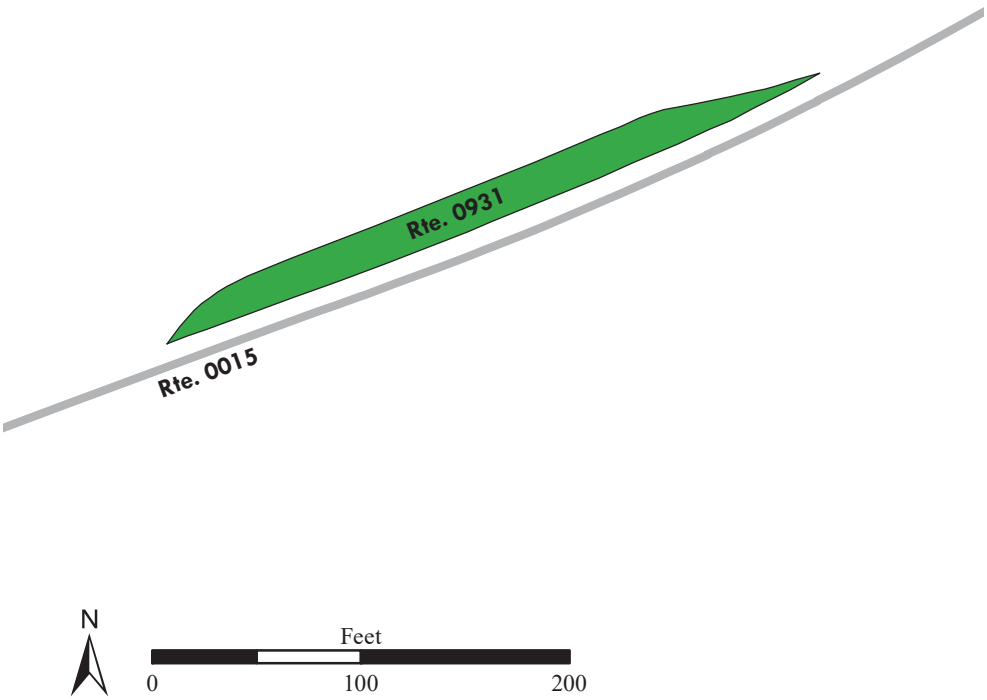
ADJACENT TO ROUTE 0015 (ROSS MAXWELL SCENIC DRIVE) AT MP 19.84

Inspection Date	FMSS Number	User Access	Surface Type
2/24/2017	54652	PUBLIC	ASPHALT
Area (Sq. Ft.)	**Lane Miles (11' Widths)**	**Curb Reveal (Inches)**	**Curb Recommendation**
4,523	0.078	NOT APPLICABLE	DO NOTHING
Curb Type		**Curb & Gutter Type**	
NO CURB		CONCRETE	
Pavement Recommendation		**Condition Rating / PCR**	
PREVENTIVE MAINTENANCE		GOOD / 90	

Route Condition Legend – Pavement Condition Rating (PCR)

Poor (0 - 60) | **Fair (61- 84)** | **Good (85 - 94)** | **Excellent (95 - 100)** | **Not Rated**

See Appendix for definitions and formulas



Big Bend National Park

ROUTE 0932: CASTOLON MAINTENANCE PARKING

Manual Rating

FROM END OF ROUTE 0426 (MESA DRIVE)

TO PARKING

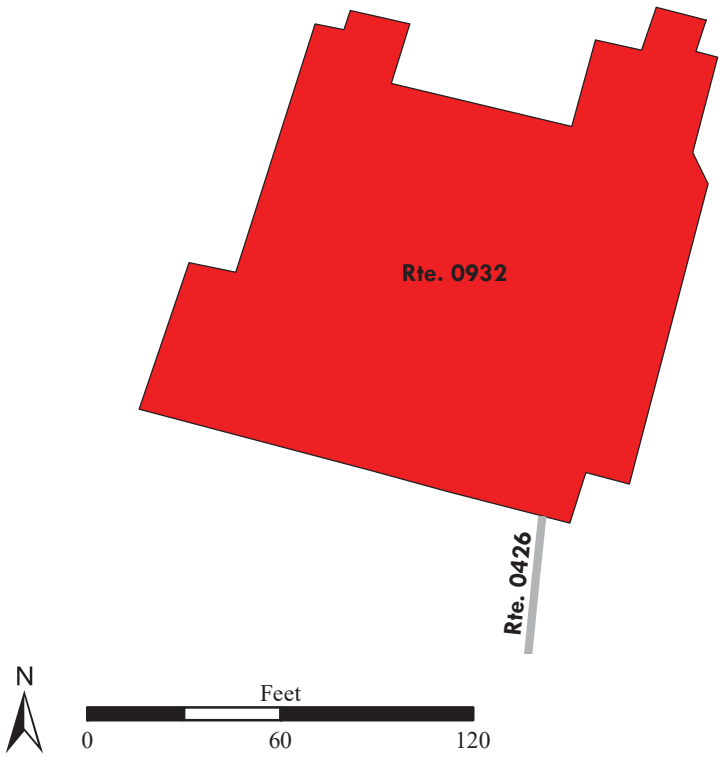
Inspection Date	FMSS Number	User Access	Surface Type
2/24/2017	54654	NONPUBLIC	ASPHALT
Area (Sq. Ft.)	**Lane Miles (11' Widths)**	**Curb Reveal (Inches)**	**Curb Recommendation**
15,953	0.275	NOT APPLICABLE	NOT APPLICABLE
Curb Type		**Curb & Gutter Type**	
NO CURB		NO CURB AND GUTTER	
Pavement Recommendation		**Condition Rating / PCR**	
HEAVY 3R TREATMENTS		POOR / 53	

Route Condition Legend – Pavement Condition Rating (PCR)

Poor (0 - 60) | **Fair (61- 84)** | **Good (85 - 94)** | **Excellent (95 - 100)** | **Not Rated**

See Appendix for definitions and formulas

Note: Parking area consists of multiple surface types: 1 part Asphalt at 15,355 square feet; 1 part Concrete at 598 square feet.



Big Bend National Park

ROUTE 0933: DESERT MOUNTAIN OVERLOOK PARKING

Manual Rating

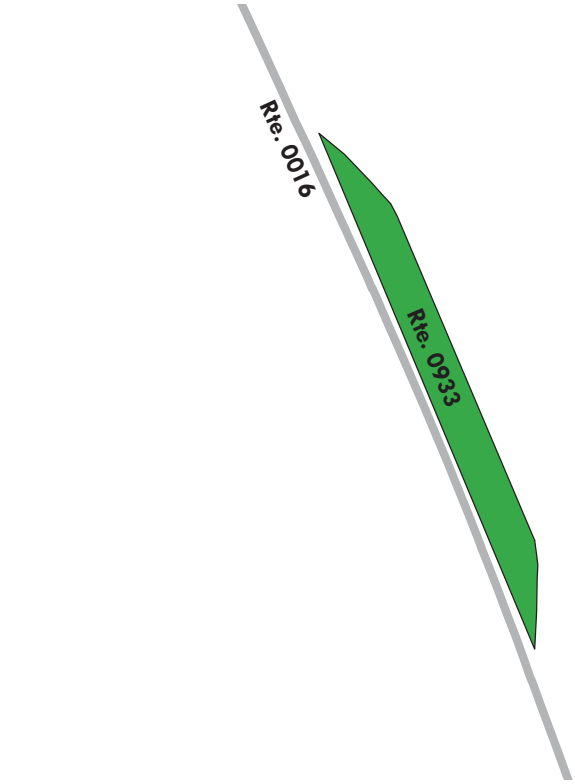
ADJACENT TO ROUTE 0016 (SANTA ELENA CANYON ROAD) AT MP 1.09

Inspection Date	FMSS Number	User Access	Surface Type
2/24/2017	54655	PUBLIC	ASPHALT
Area (Sq. Ft.)	**Lane Miles (11' Widths)**	**Curb Reveal (Inches)**	**Curb Recommendation**
2,493	0.043	5	DO NOTHING
Curb Type		**Curb & Gutter Type**	
CONCRETE		NO CURB AND GUTTER	
Pavement Recommendation		**Condition Rating / PCR**	
PREVENTIVE MAINTENANCE		GOOD / 90	

Route Condition Legend – Pavement Condition Rating (PCR)

Poor (0 - 60)	Fair (61- 84)	Good (85 - 94)	Excellent (95 - 100)	Not Rated

See Appendix for definitions and formulas



Big Bend National Park

ROUTE 0934: SANTA ELENA CANYON RIVER ACCESS PARKING

Manual Rating

FROM ROUTE 0016 (SANTA ELENA CANYON ROAD) AT MP 5.72

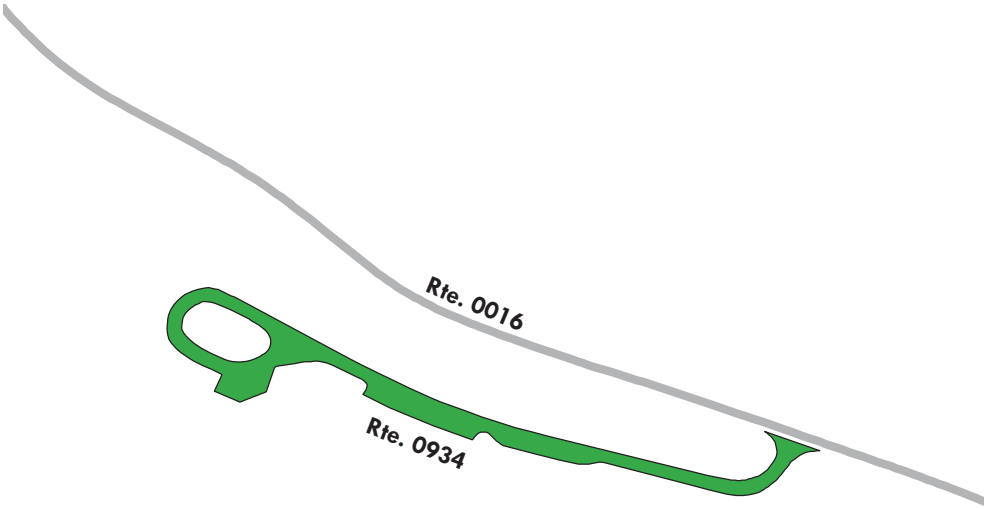
TO PARKING

Inspection Date	FMSS Number	User Access	Surface Type
2/24/2017	54669	PUBLIC	ASPHALT
Area (Sq. Ft.)	**Lane Miles (11' Widths)**	**Curb Reveal (Inches)**	**Curb Recommendation**
40,891	0.704	NOT APPLICABLE	DO NOTHING
Curb Type		**Curb & Gutter Type**	
NO CURB		CONCRETE	
Pavement Recommendation		**Condition Rating / PCR**	
PREVENTIVE MAINTENANCE		GOOD / 90	

Route Condition Legend – Pavement Condition Rating (PCR)

Poor (0 - 60) | **Fair (61- 84)** | **Good (85 - 94)** | **Excellent (95 - 100)** | **Not Rated**

See Appendix for definitions and formulas



Big Bend National Park

ROUTE 0935: SANTA ELENA CANYON OVERLOOK PARKING

Manual Rating

FROM ROUTE 0016 (SANTA ELENA CANYON ROAD) AT MP 6.82

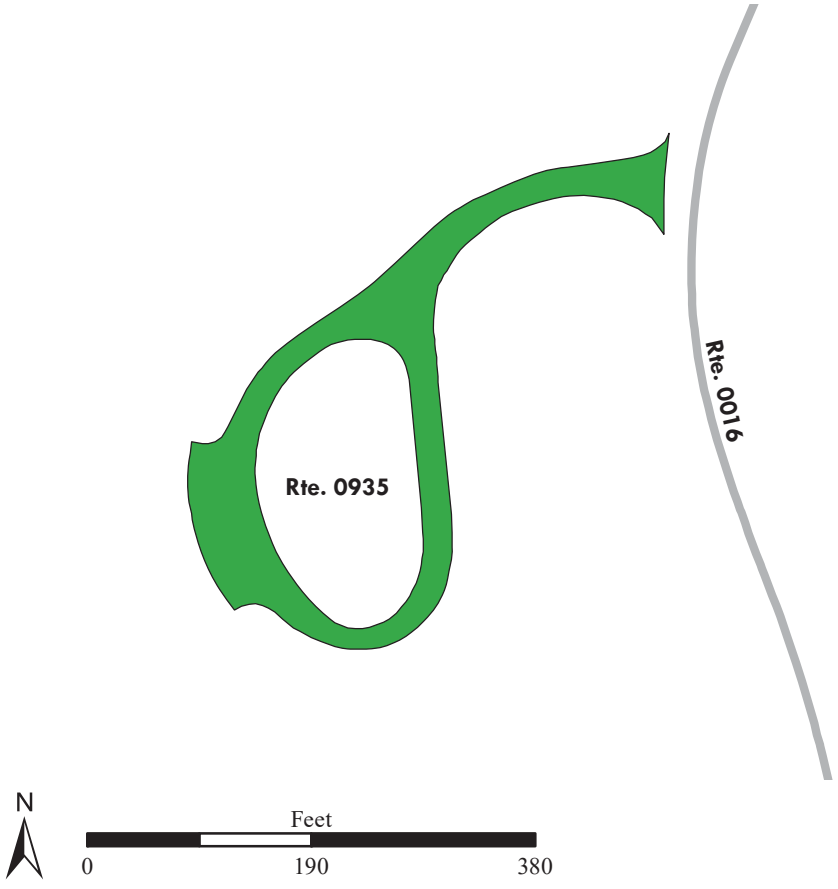
TO PARKING

Inspection Date	FMSS Number	User Access	Surface Type
2/24/2017	54670	PUBLIC	ASPHALT
Area (Sq. Ft.)	**Lane Miles (11' Widths)**	**Curb Reveal (Inches)**	**Curb Recommendation**
27,753	0.478	7	DO NOTHING
Curb Type		**Curb & Gutter Type**	
CONCRETE		CONCRETE	
Pavement Recommendation		**Condition Rating / PCR**	
PREVENTIVE MAINTENANCE		GOOD / 90	

Route Condition Legend – Pavement Condition Rating (PCR)

Poor (0 - 60) | **Fair (61- 84)** | **Good (85 - 94)** | **Excellent (95 - 100)** | **Not Rated**

See Appendix for definitions and formulas



Big Bend National Park

ROUTE 0936: SANTA ELENA CANYON PICNIC AREA

Manual Rating

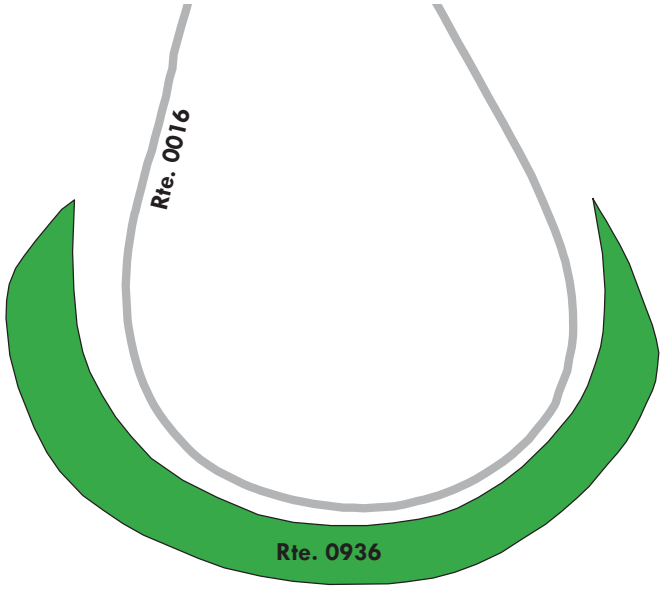
ADJACENT TO ROUTE 0016 (SANTA ELENA CANYON ROAD) AT END OF LOOP

Inspection Date	FMSS Number	User Access	Surface Type
2/24/2017	54672	PUBLIC	ASPHALT
Area (Sq. Ft.)	**Lane Miles (11' Widths)**	**Curb Reveal (Inches)**	**Curb Recommendation**
7,849	0.135	NOT APPLICABLE	NOT APPLICABLE
Curb Type		**Curb & Gutter Type**	
NO CURB		NO CURB AND GUTTER	
Pavement Recommendation		**Condition Rating / PCR**	
PREVENTIVE MAINTENANCE		GOOD / 90	

Route Condition Legend – Pavement Condition Rating (PCR)

Poor (0 - 60) | **Fair (61- 84)** | **Good (85 - 94)** | **Excellent (95 - 100)** | **Not Rated**

See Appendix for definitions and formulas



Big Bend National Park

ROUTE 0937: ESCUELA VISTA PARKING LOT

Manual Rating

FROM END OF ROUTE 0443 (ESCUELA ROAD)

TO PARKING

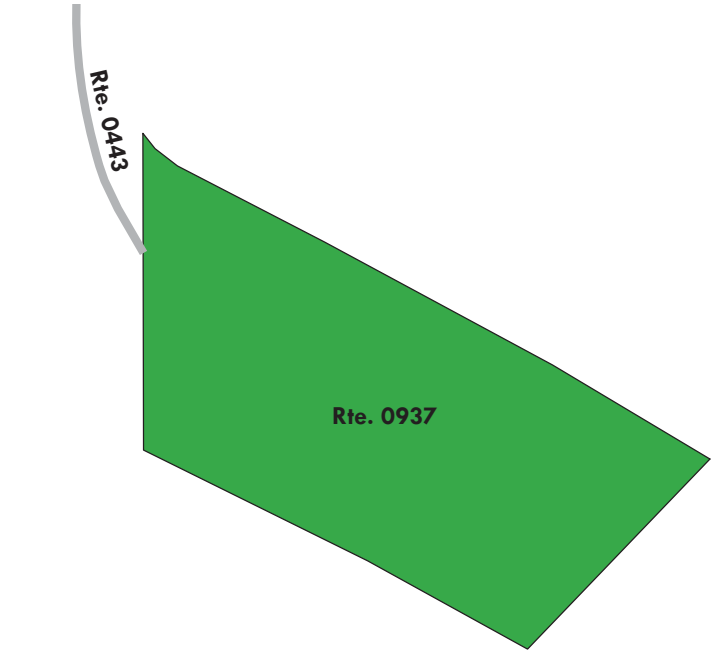
Inspection Date	FMSS Number	User Access	Surface Type
2/24/2017	53154	NONPUBLIC	ASPHALT
Area (Sq. Ft.)	**Lane Miles (11' Widths)**	**Curb Reveal (Inches)**	**Curb Recommendation**
5,310	0.091	7	DO NOTHING
Curb Type		**Curb & Gutter Type**	
WOOD		NO CURB AND GUTTER	
Pavement Recommendation		**Condition Rating / PCR**	
PREVENTIVE MAINTENANCE		GOOD / 90	

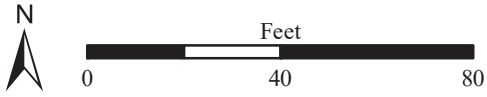
Route Condition Legend – Pavement Condition Rating (PCR)

Poor (0 - 60)	Fair (61- 84)	Good (85 - 94)	Excellent (95 - 100)	Not Rated

See Appendix for definitions and formulas

Note: Parking area consists of multiple surface types: 1 part Asphalt at 3,537 square feet; 1 part Concrete at 1,773 square feet.





Big Bend National Park

ROUTE 0938: EMPLOYEE PARKING LOT - HQ BUILDING #310

Manual Rating

FROM ROUTE 0428 (ALSATE AVENUE)

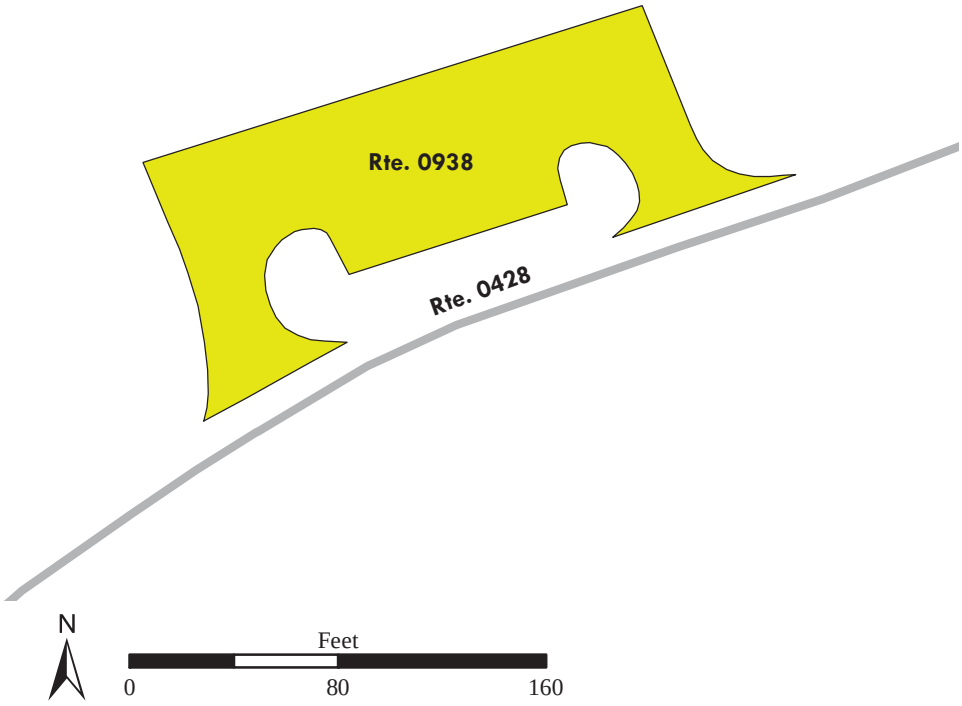
TO ROUTE 0428 (ALSATE AVENUE)

Inspection Date	FMSS Number	User Access	Surface Type
2/24/2017	53073	NONPUBLIC	ASPHALT
Area (Sq. Ft.)	**Lane Miles (11' Widths)**	**Curb Reveal (Inches)**	**Curb Recommendation**
12,079	0.208	NOT APPLICABLE	DO NOTHING
Curb Type		**Curb & Gutter Type**	
NO CURB		CONCRETE	
Pavement Recommendation		**Condition Rating / PCR**	
LIGHT 3R TREATMENTS		FAIR / 73	

Route Condition Legend – Pavement Condition Rating (PCR)

Poor (0 - 60) | **Fair (61- 84)** | **Good (85 - 94)** | **Excellent (95 - 100)** | **Not Rated**

See Appendix for definitions and formulas



Big Bend National Park

ROUTE 0939: MAINTENANCE AREA PARKING LOT

Manual Rating

FROM END OF ROUTE 0428 (ALSATE AVENUE)

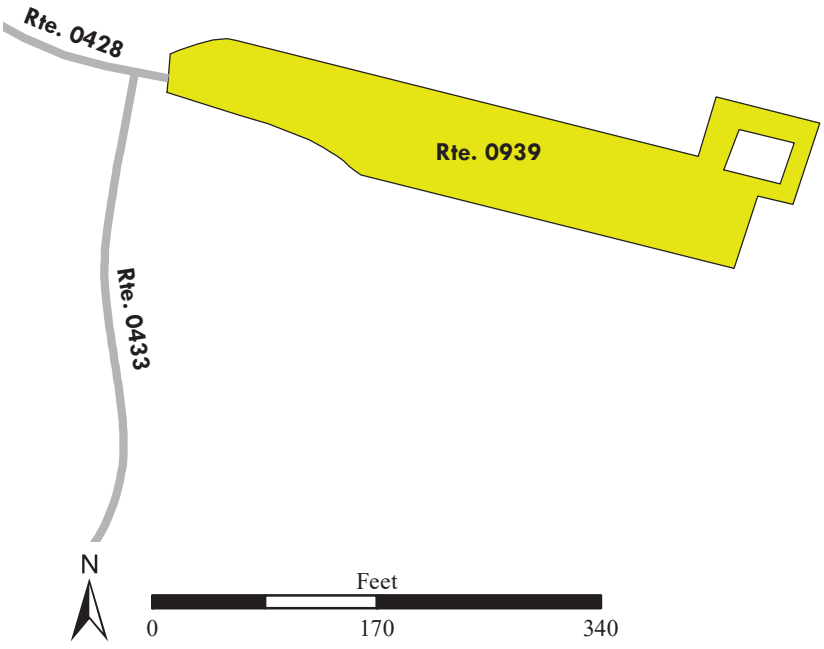
TO PARKING

Inspection Date	FMSS Number	User Access	Surface Type
2/22/2017	53159	NONPUBLIC	ASPHALT
Area (Sq. Ft.)	**Lane Miles (11' Widths)**	**Curb Reveal (Inches)**	**Curb Recommendation**
29,767	0.513	5	LIGHT REPAIR
Curb Type		**Curb & Gutter Type**	
WOOD		NO CURB AND GUTTER	
Pavement Recommendation		**Condition Rating / PCR**	
LIGHT 3R TREATMENTS		FAIR / 73	

Route Condition Legend – Pavement Condition Rating (PCR)

Poor (0 - 60) | Fair (61- 84) | Good (85 - 94) | Excellent (95 - 100) | Not Rated

See Appendix for definitions and formulas



Big Bend National Park

ROUTE 1000: ANIMAL HIGHWAYS INTERPRETIVE PULLOFF

Manual Rating

FROM ROUTE 0014 (CHISOS BASIN ROAD) AT MP 0.16

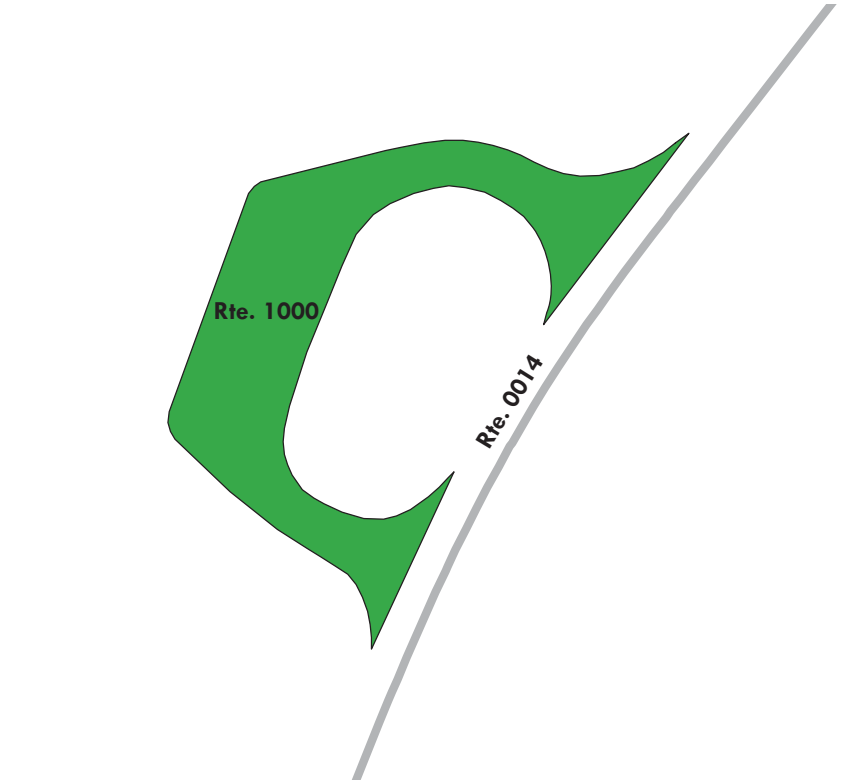
TO ROUTE 0014 (CHISOS BASIN ROAD) AT MP 0.21

Inspection Date	FMSS Number	User Access	Surface Type
2/23/2017	54674	PUBLIC	ASPHALT
Area (Sq. Ft.)	**Lane Miles (11' Widths)**	**Curb Reveal (Inches)**	**Curb Recommendation**
8,674	0.149	NOT APPLICABLE	DO NOTHING
Curb Type		**Curb & Gutter Type**	
NO CURB		CONCRETE	
Pavement Recommendation		**Condition Rating / PCR**	
PREVENTIVE MAINTENANCE		GOOD / 90	

Route Condition Legend – Pavement Condition Rating (PCR)

Poor (0 - 60) | **Fair (61- 84)** | **Good (85 - 94)** | **Excellent (95 - 100)** | **Not Rated**

See Appendix for definitions and formulas



Big Bend National Park

ROUTE 1001: CHISOS MOUNTAIN INTERPRETIVE PULLOFF

Manual Rating

ADJACENT TO ROUTE 0015 (ROSS MAXWELL SCENIC DRIVE) AT MP 2.00

Inspection Date	FMSS Number	User Access	Surface Type
2/24/2017	54675	PUBLIC	ASPHALT
Area (Sq. Ft.)	**Lane Miles (11' Widths)**	**Curb Reveal (Inches)**	**Curb Recommendation**
4,416	0.076	NOT APPLICABLE	NOT APPLICABLE
Curb Type		**Curb & Gutter Type**	
NO CURB		NO CURB AND GUTTER	
Pavement Recommendation		**Condition Rating / PCR**	
PREVENTIVE MAINTENANCE		GOOD / 90	

Route Condition Legend – Pavement Condition Rating (PCR)

Poor (0 - 60) | **Fair (61- 84)** | **Good (85 - 94)** | **Excellent (95 - 100)** | **Not Rated**

See Appendix for definitions and formulas

Big Bend National Park

ROUTE 1002: SAM NAIL INTERPRETIVE PULLOFF

Manual Rating

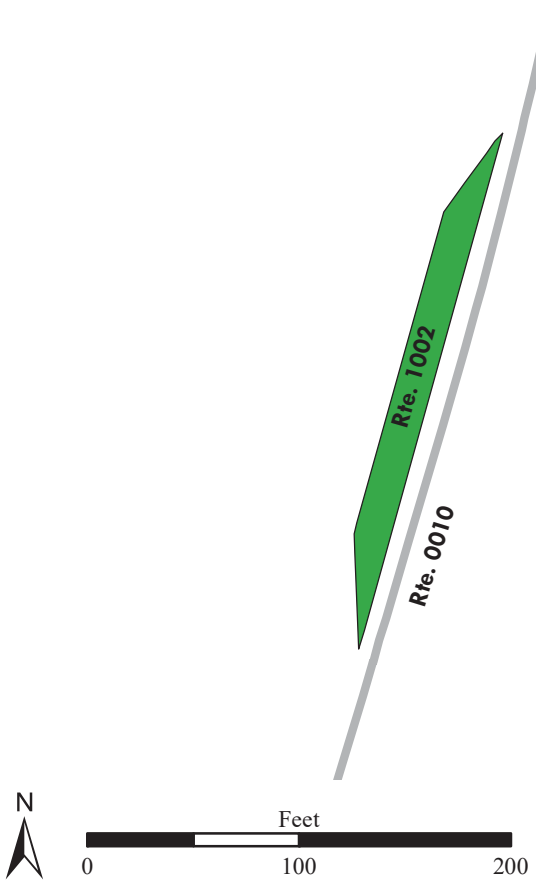
ADJACENT TO ROUTE 0015 (ROSS MAXWELL SCENIC DRIVE) AT MP 3.33

Inspection Date	FMSS Number	User Access	Surface Type
2/24/2017	54676	PUBLIC	ASPHALT
Area (Sq. Ft.)	**Lane Miles (11' Widths)**	**Curb Reveal (Inches)**	**Curb Recommendation**
3,019	0.052	NOT APPLICABLE	NOT APPLICABLE
Curb Type		**Curb & Gutter Type**	
NO CURB		NO CURB AND GUTTER	
Pavement Recommendation		**Condition Rating / PCR**	
PREVENTIVE MAINTENANCE		GOOD / 90	

Route Condition Legend – Pavement Condition Rating (PCR)

Poor (0 - 60) | **Fair (61- 84)** | **Good (85 - 94)** | **Excellent (95 - 100)** | **Not Rated**

See Appendix for definitions and formulas



Big Bend National Park

ROUTE 1003: FINS OF FIRE INTERPRETIVE PULLOFF

Manual Rating

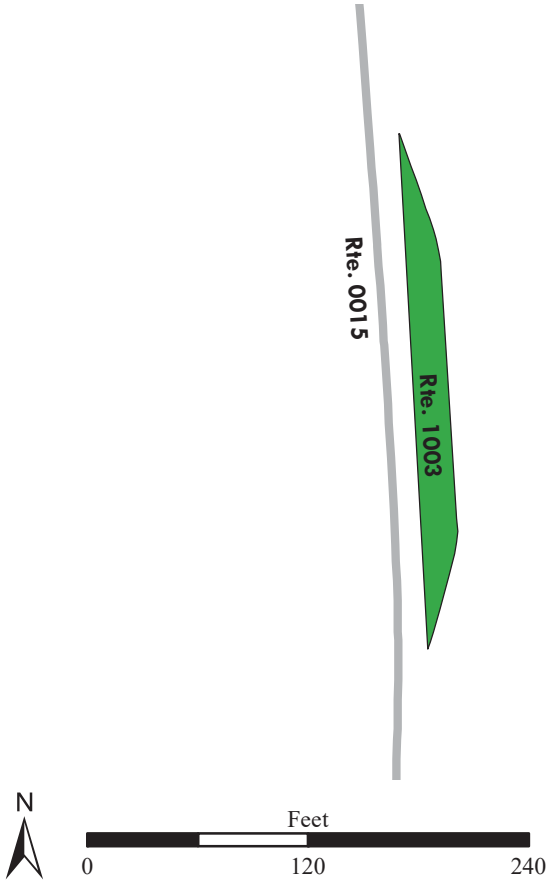
ADJACENT TO ROUTE 0015 (ROSS MAXWELL SCENIC DRIVE) AT MP 4.15

Inspection Date	FMSS Number	User Access	Surface Type
2/24/2017	54677	PUBLIC	ASPHALT
Area (Sq. Ft.)	**Lane Miles (11' Widths)**	**Curb Reveal (Inches)**	**Curb Recommendation**
3,667	0.063	NOT APPLICABLE	NOT APPLICABLE
Curb Type		**Curb & Gutter Type**	
NO CURB		NO CURB AND GUTTER	
Pavement Recommendation		**Condition Rating / PCR**	
PREVENTIVE MAINTENANCE		GOOD / 90	

Route Condition Legend – Pavement Condition Rating (PCR)

Poor (0 - 60)	Fair (61- 84)	Good (85 - 94)	Excellent (95 - 100)	Not Rated

See Appendix for definitions and formulas



Big Bend National Park

ROUTE 1004: THE CAMEL EXPERIMENT INTERPRETIVE PULLOFF

Manual Rating

ADJACENT TO ROUTE 0011 (NORTH ENTRANCE ROAD) AT MP 22.57

Inspection Date	FMSS Number	User Access	Surface Type
2/22/2017	54678	PUBLIC	ASPHALT
Area (Sq. Ft.)	**Lane Miles (11' Widths)**	**Curb Reveal (Inches)**	**Curb Recommendation**
2,664	0.046	NOT APPLICABLE	DO NOTHING
Curb Type		**Curb & Gutter Type**	
NO CURB		CONCRETE	
Pavement Recommendation		**Condition Rating / PCR**	
PREVENTIVE MAINTENANCE		GOOD / 90	

Route Condition Legend – Pavement Condition Rating (PCR)

Poor (0 - 60)	Fair (61- 84)	Good (85 - 94)	Excellent (95 - 100)	Not Rated

See Appendix for definitions and formulas

Big Bend National Park

ROUTE 1005: INVISIBLE WILDLIFE INTERPRETIVE PULLOFF

Manual Rating

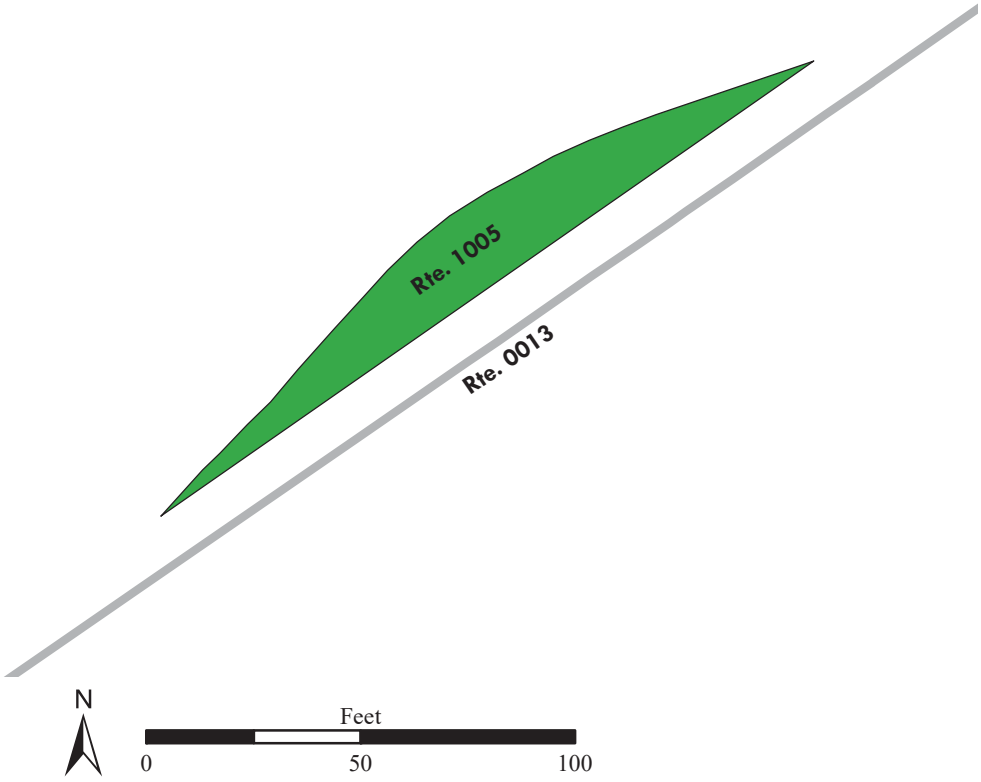
ADJACENT TO ROUTE 0013 (WEST ENTRANCE ROAD) AT MP 6.47

Inspection Date	FMSS Number	User Access	Surface Type
2/23/2017	54679	PUBLIC	ASPHALT
Area (Sq. Ft.)	**Lane Miles (11' Widths)**	**Curb Reveal (Inches)**	**Curb Recommendation**
1,756	0.03	NOT APPLICABLE	NOT APPLICABLE
Curb Type		**Curb & Gutter Type**	
NO CURB		NO CURB AND GUTTER	
Pavement Recommendation		**Condition Rating / PCR**	
PREVENTIVE MAINTENANCE		GOOD / 90	

Route Condition Legend – Pavement Condition Rating (PCR)

Poor (0 - 60) | **Fair (61- 84)** | **Good (85 - 94)** | **Excellent (95 - 100)** | **Not Rated**

See Appendix for definitions and formulas



Big Bend National Park

ROUTE 1006: VERTICAL SCENERY PULLOFF

Manual Rating

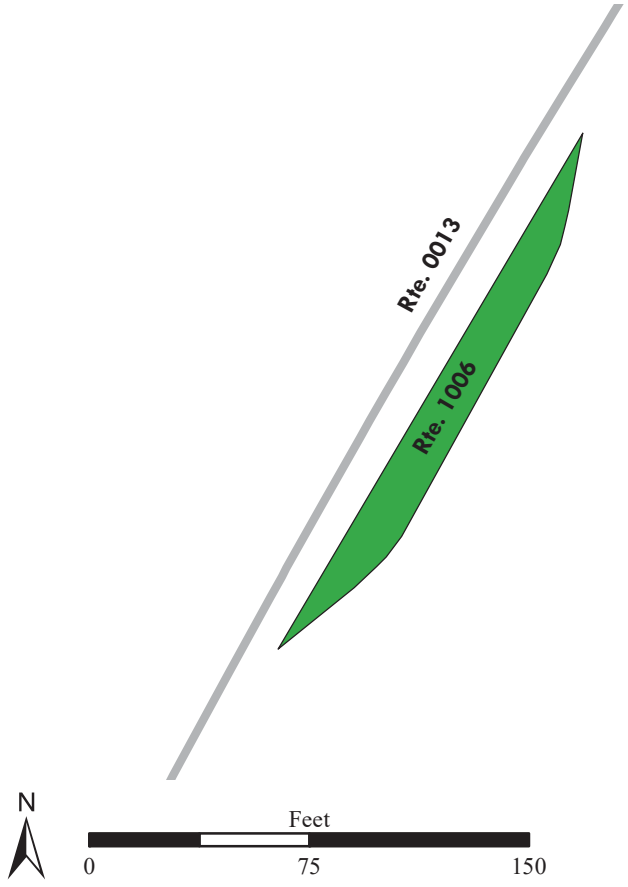
ADJACENT TO ROUTE 0013 (WEST ENTRANCE ROAD) AT MP 19.32

Inspection Date	FMSS Number	User Access	Surface Type
2/24/2017	54680	PUBLIC	ASPHALT
Area (Sq. Ft.)	**Lane Miles (11' Widths)**	**Curb Reveal (Inches)**	**Curb Recommendation**
2,164	0.037	NOT APPLICABLE	DO NOTHING
Curb Type		**Curb & Gutter Type**	
NO CURB		CONCRETE	
Pavement Recommendation		**Condition Rating / PCR**	
PREVENTIVE MAINTENANCE		GOOD / 90	

Route Condition Legend – Pavement Condition Rating (PCR)

Poor (0 - 60)	Fair (61- 84)	Good (85 - 94)	Excellent (95 - 100)	Not Rated

See Appendix for definitions and formulas



Big Bend National Park

ROUTE 1008: A DESERT GRAVE INTERPRETIVE PULLOFF

Manual Rating

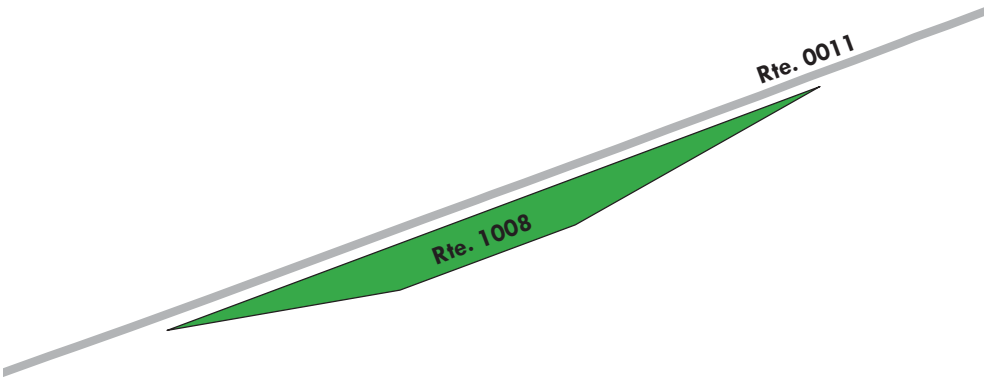
ADJACENT TO ROUTE 0011 (NORTH ENTRANCE ROAD) AT MP 3.91

Inspection Date	FMSS Number	User Access	Surface Type
2/22/2017	54682	PUBLIC	ASPHALT
Area (Sq. Ft.)	**Lane Miles (11' Widths)**	**Curb Reveal (Inches)**	**Curb Recommendation**
1,164	0.02	NOT APPLICABLE	DO NOTHING
Curb Type		**Curb & Gutter Type**	
NO CURB		CONCRETE	
Pavement Recommendation		**Condition Rating / PCR**	
PREVENTIVE MAINTENANCE		GOOD / 90	

Route Condition Legend – Pavement Condition Rating (PCR)

Poor (0 - 60) | **Fair (61- 84)** | **Good (85 - 94)** | **Excellent (95 - 100)** | **Not Rated**

See Appendix for definitions and formulas



Big Bend National Park

ROUTE 1009: FLASH FLOOD INTERPRETIVE PULLOFF

Manual Rating

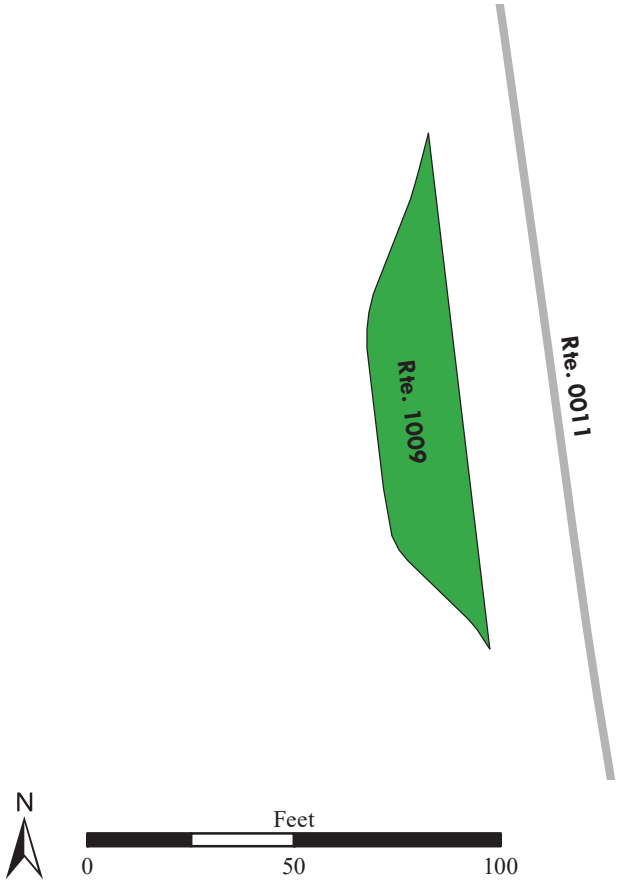
ADJACENT TO ROUTE 0011 (NORTH ENTRANCE ROAD) AT MP 21.00

Inspection Date	FMSS Number	User Access	Surface Type
2/22/2017	54684	PUBLIC	ASPHALT
Area (Sq. Ft.)	**Lane Miles (11' Widths)**	**Curb Reveal (Inches)**	**Curb Recommendation**
1,589	0.027	NOT APPLICABLE	DO NOTHING
Curb Type		**Curb & Gutter Type**	
NO CURB		CONCRETE	
Pavement Recommendation		**Condition Rating / PCR**	
PREVENTIVE MAINTENANCE		GOOD / 90	

Route Condition Legend – Pavement Condition Rating (PCR)

Poor (0 - 60)	Fair (61- 84)	Good (85 - 94)	Excellent (95 - 100)	Not Rated

See Appendix for definitions and formulas



Big Bend National Park

ROUTE 1013: BEAR & MOUNTAIN LION COUNTRY INTERPRETIVE PULLOFF

Manual Rating

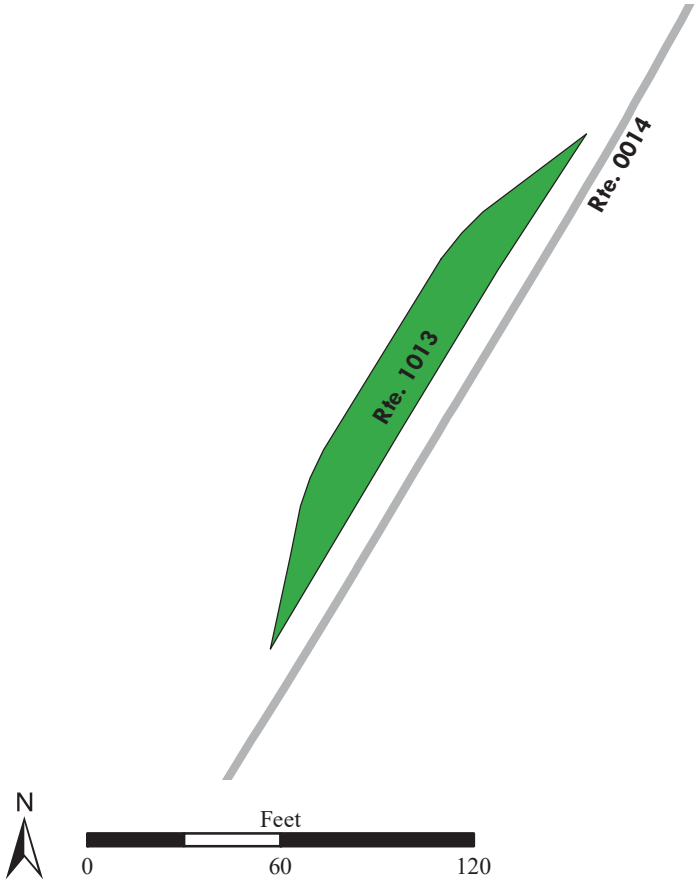
ADJACENT TO ROUTE 0014 (CHISOS BASIN ROAD) AT MP 2.23

Inspection Date	FMSS Number	User Access	Surface Type
2/23/2017	54689	PUBLIC	ASPHALT
Area (Sq. Ft.)	**Lane Miles (11' Widths)**	**Curb Reveal (Inches)**	**Curb Recommendation**
2,064	0.036	NOT APPLICABLE	DO NOTHING
Curb Type		**Curb & Gutter Type**	
NO CURB		CONCRETE	
Pavement Recommendation		**Condition Rating / PCR**	
PREVENTIVE MAINTENANCE		GOOD / 90	

Route Condition Legend – Pavement Condition Rating (PCR)

Poor (0 - 60)	Fair (61- 84)	Good (85 - 94)	Excellent (95 - 100)	Not Rated

See Appendix for definitions and formulas



Big Bend National Park

ROUTE 1014: TREE ZONE INTERPRETIVE PULLOFF

Manual Rating

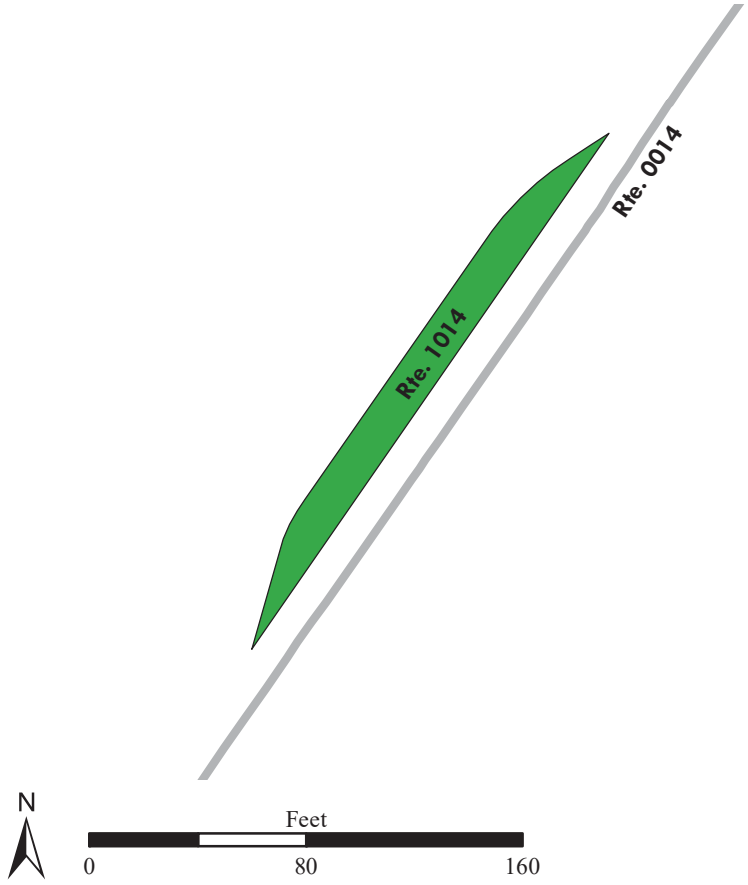
ADJACENT TO ROUTE 0014 (CHISOS BASIN ROAD) AT MP 4.25

Inspection Date	FMSS Number	User Access	Surface Type
2/23/2017	54690	PUBLIC	ASPHALT
Area (Sq. Ft.)	**Lane Miles (11' Widths)**	**Curb Reveal (Inches)**	**Curb Recommendation**
2,509	0.043	NOT APPLICABLE	DO NOTHING
Curb Type		**Curb & Gutter Type**	
NO CURB		CONCRETE	
Pavement Recommendation		**Condition Rating / PCR**	
PREVENTIVE MAINTENANCE		GOOD / 90	

Route Condition Legend – Pavement Condition Rating (PCR)

Poor (0 - 60) | **Fair (61- 84)** | **Good (85 - 94)** | **Excellent (95 - 100)** | **Not Rated**

See Appendix for definitions and formulas



Big Bend National Park

ROUTE 1015: FOSSIL BONE PARKING

Manual Rating

FROM END OF ROUTE 0103 (FOSSIL BONE ROAD)

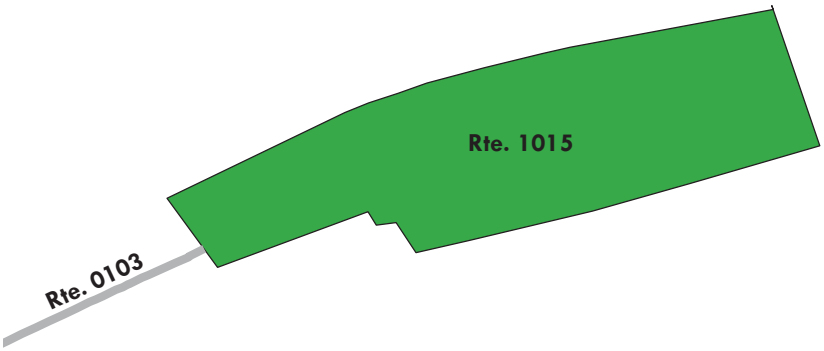
TO PARKING

Inspection Date	FMSS Number	User Access	Surface Type
2/22/2017	54691	PUBLIC	ASPHALT
Area (Sq. Ft.)	**Lane Miles (11' Widths)**	**Curb Reveal (Inches)**	**Curb Recommendation**
11,929	0.205	NOT APPLICABLE	DO NOTHING
Curb Type		**Curb & Gutter Type**	
NO CURB		CONCRETE	
Pavement Recommendation		**Condition Rating / PCR**	
PREVENTIVE MAINTENANCE		GOOD / 90	

Route Condition Legend – Pavement Condition Rating (PCR)

Poor (0 - 60)	Fair (61- 84)	Good (85 - 94)	Excellent (95 - 100)	Not Rated

See Appendix for definitions and formulas



Big Bend National Park

ROUTE 1020: PJ SEWAGE TREATMENT PLANT PARKING

Manual Rating

FROM END OF ROUTE 0444 (PJ SEWAGE TREATMENT PLANT ROAD)

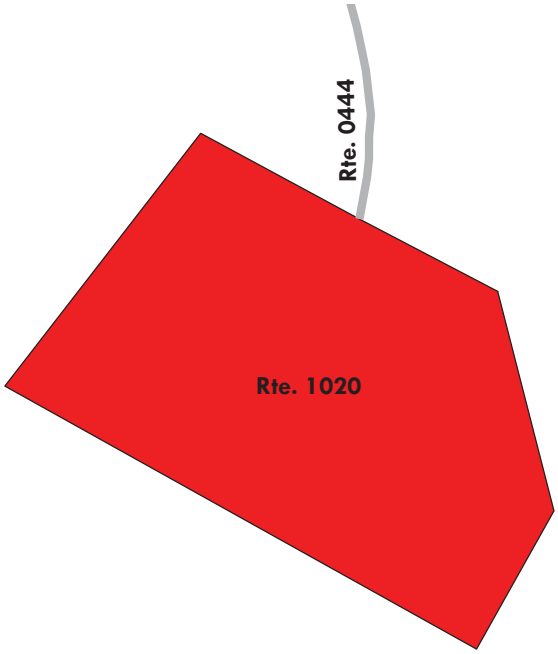
TO PARKING

Inspection Date	FMSS Number	User Access	Surface Type
2/23/2017	236705	NONPUBLIC	ASPHALT
Area (Sq. Ft.)	**Lane Miles (11' Widths)**	**Curb Reveal (Inches)**	**Curb Recommendation**
1,863	0.032	NOT APPLICABLE	NOT APPLICABLE
Curb Type		**Curb & Gutter Type**	
NO CURB		NO CURB AND GUTTER	
Pavement Recommendation		**Condition Rating / PCR**	
HEAVY 3R TREATMENTS		POOR / 53	

Route Condition Legend – Pavement Condition Rating (PCR)

Poor (0 - 60)	Fair (61- 84)	Good (85 - 94)	Excellent (95 - 100)	Not Rated

See Appendix for definitions and formulas



Big Bend National Park

ROUTE 1022: CHINO COURT PARKING

Manual Rating

FROM ROUTE 0436 (NOLINA DRIVE) AT MP 0.06

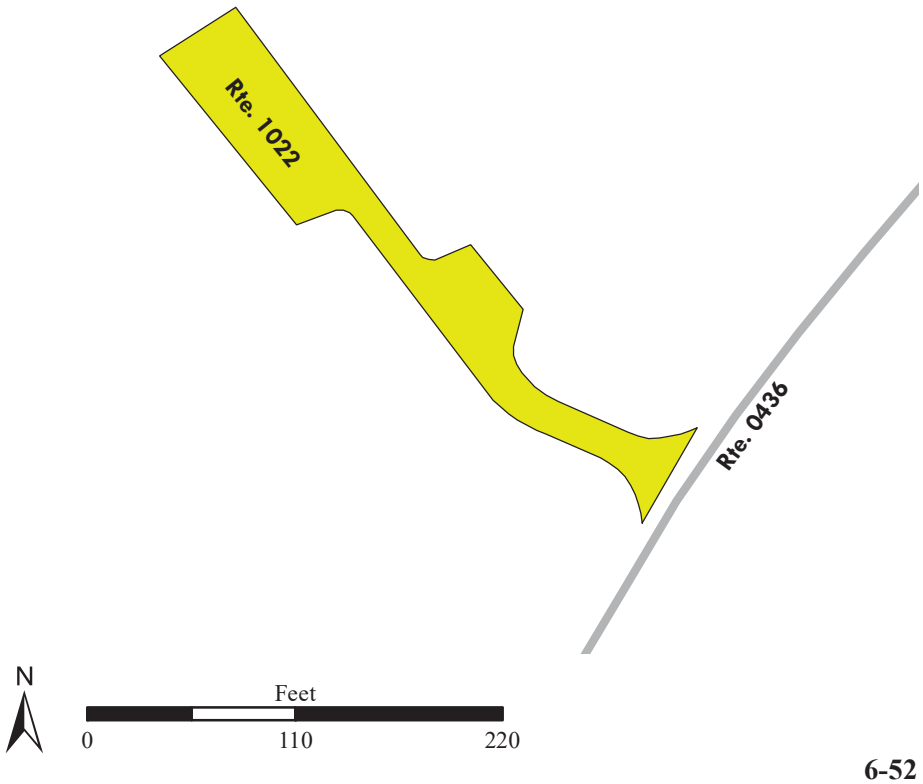
TO PARKING

Inspection Date	FMSS Number	User Access	Surface Type
2/24/2017	53090	NONPUBLIC	ASPHALT
Area (Sq. Ft.)	**Lane Miles (11' Widths)**	**Curb Reveal (Inches)**	**Curb Recommendation**
9,771	0.168	5	DO NOTHING
Curb Type		**Curb & Gutter Type**	
CONCRETE AND WOOD		NO CURB AND GUTTER	
Pavement Recommendation		**Condition Rating / PCR**	
LIGHT 3R TREATMENTS		FAIR / 73	

Route Condition Legend – Pavement Condition Rating (PCR)

Poor (0 - 60)	Fair (61- 84)	Good (85 - 94)	Excellent (95 - 100)	Not Rated

See Appendix for definitions and formulas



Big Bend National Park

ROUTE 1023: HOLLY LANE PARKING

Manual Rating

FROM ROUTE 0436 (NOLINA DRIVE) AT MP 0.14

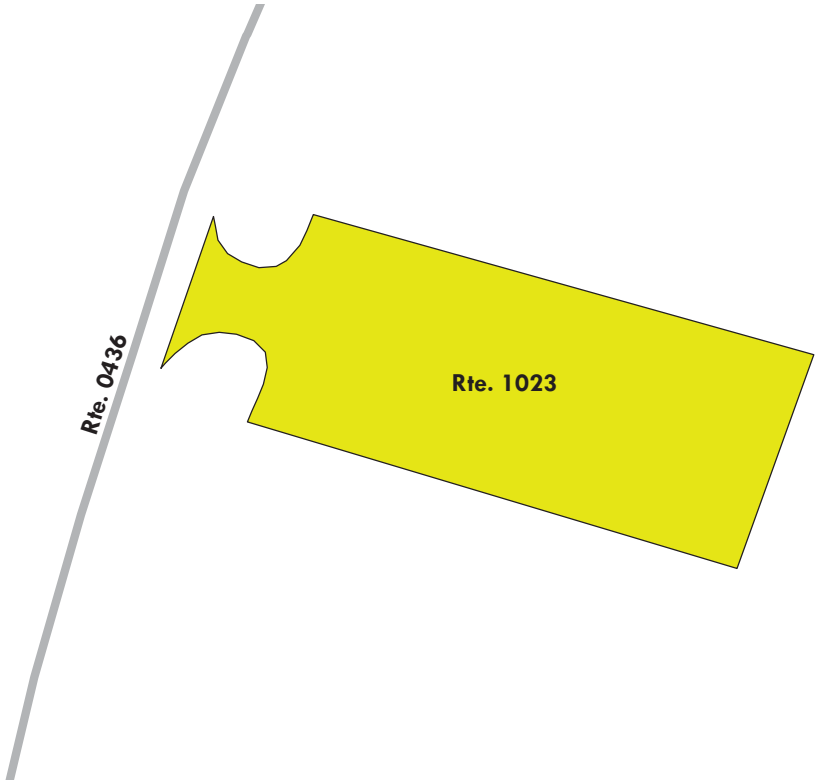
TO PARKING

Inspection Date	FMSS Number	User Access	Surface Type
2/24/2017	53093	NONPUBLIC	ASPHALT
Area (Sq. Ft.)	**Lane Miles (11' Widths)**	**Curb Reveal (Inches)**	**Curb Recommendation**
10,580	0.182	NOT APPLICABLE	DO NOTHING
Curb Type		**Curb & Gutter Type**	
NO CURB		CONCRETE	
Pavement Recommendation		**Condition Rating / PCR**	
LIGHT 3R TREATMENTS		FAIR / 73	

Route Condition Legend – Pavement Condition Rating (PCR)

Poor (0 - 60) | **Fair (61- 84)** | **Good (85 - 94)** | **Excellent (95 - 100)** | **Not Rated**

See Appendix for definitions and formulas



Big Bend National Park

ROUTE 1024: DESERT WILLOW STREET PARKING

Manual Rating

FROM ROUTE 0436 (NOLINA DRIVE) AT MP 0.21 RIGHT

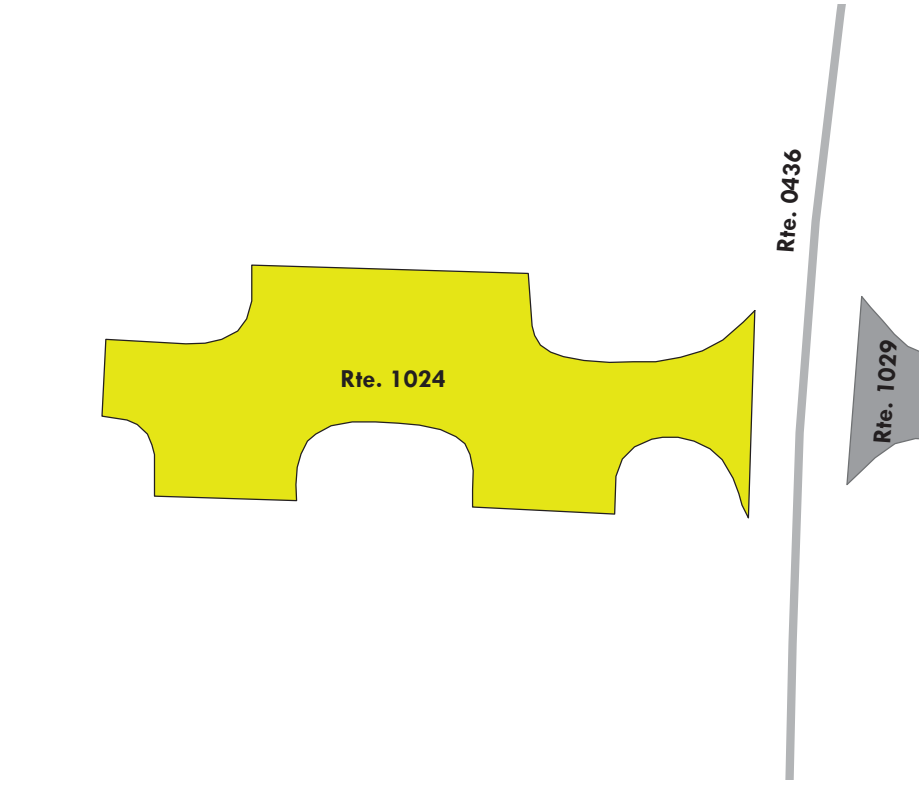
TO PARKING

Inspection Date	FMSS Number	User Access	Surface Type
2/22/2017	53092	NONPUBLIC	ASPHALT
Area (Sq. Ft.)	**Lane Miles (11' Widths)**	**Curb Reveal (Inches)**	**Curb Recommendation**
5,466	0.094	NOT APPLICABLE	DO NOTHING
Curb Type		**Curb & Gutter Type**	
NO CURB		CONCRETE	
Pavement Recommendation		**Condition Rating / PCR**	
LIGHT 3R TREATMENTS		FAIR / 73	

Route Condition Legend – Pavement Condition Rating (PCR)

Poor (0 - 60)	Fair (61- 84)	Good (85 - 94)	Excellent (95 - 100)	Not Rated

See Appendix for definitions and formulas



Big Bend National Park

ROUTE 1025: MESQUITE STREET PARKING

Manual Rating

FROM ROUTE 0436 (NOLINA DRIVE) AT MP 0.10

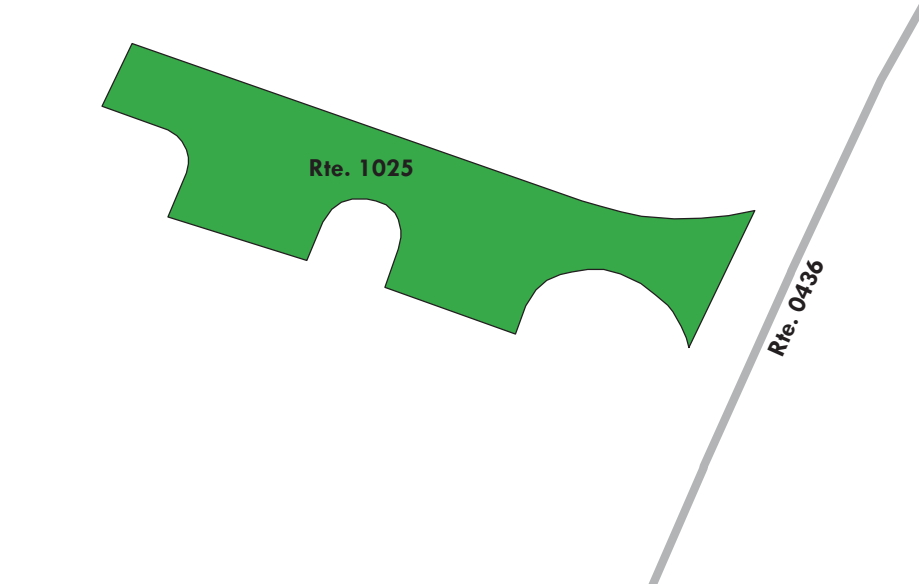
TO PARKING

Inspection Date	FMSS Number	User Access	Surface Type
2/24/2017	53097	NONPUBLIC	ASPHALT
Area (Sq. Ft.)	**Lane Miles (11' Widths)**	**Curb Reveal (Inches)**	**Curb Recommendation**
3,917	0.067	NOT APPLICABLE	DO NOTHING
Curb Type		**Curb & Gutter Type**	
NO CURB		CONCRETE	
Pavement Recommendation		**Condition Rating / PCR**	
PREVENTIVE MAINTENANCE		GOOD / 90	

Route Condition Legend – Pavement Condition Rating (PCR)

Poor (0 - 60)	Fair (61- 84)	Good (85 - 94)	Excellent (95 - 100)	Not Rated

See Appendix for definitions and formulas



Big Bend National Park

ROUTE 1026ZZ: GROUP CAMPSITE PARKINGS

Summary Route
Manual Rating

ADJACENT TO ROUTE 0234 (BASIN GROUP CAMPGROUND)

Inspection Date	FMSS Number	User Access	Surface Type
2/23/2017	238380	PUBLIC	ASPHALT
Area (Sq. Ft.)	**Lane Miles (11' Widths)**	**Condition Rating / PCR**	
1,910	0.033	SUMMARY / 90	

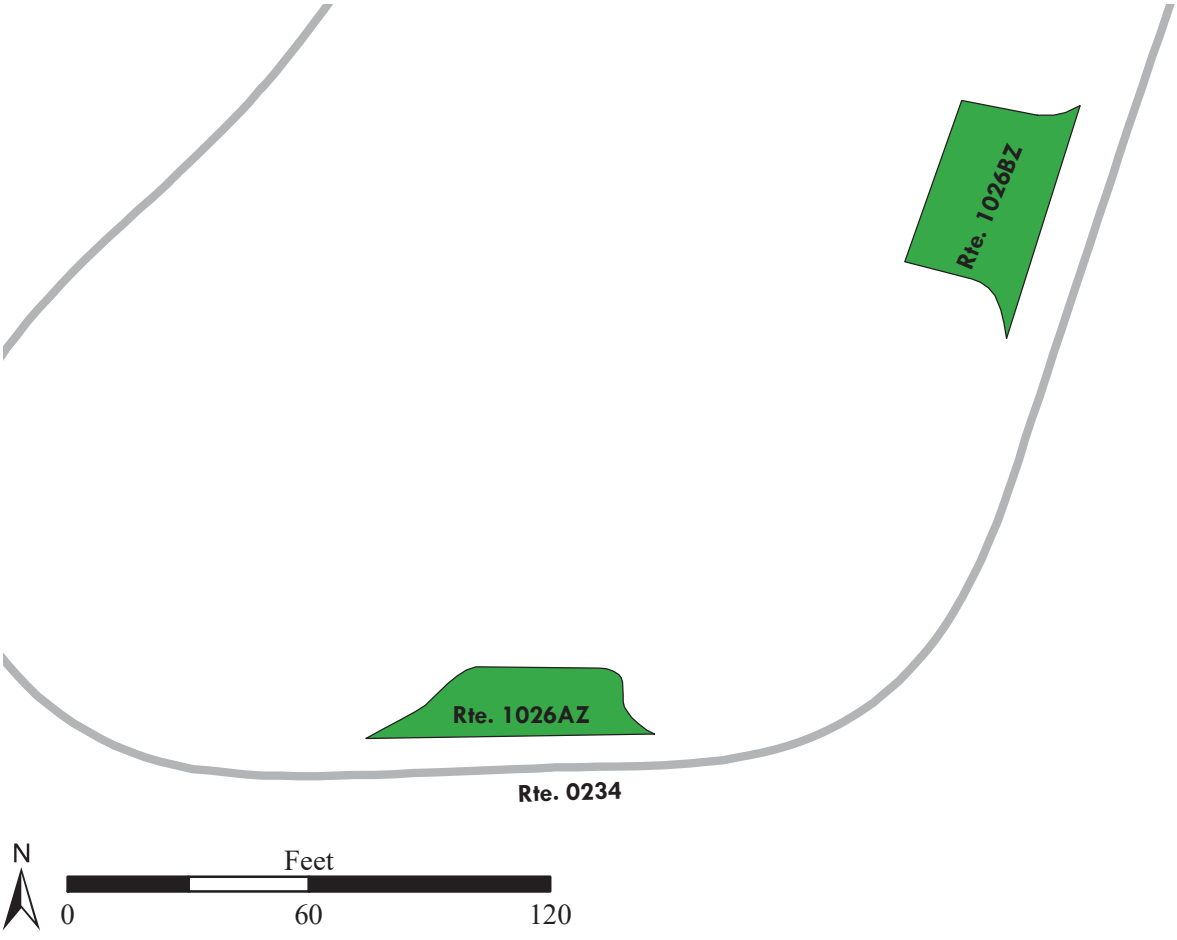
Route Condition Legend – Pavement Condition Rating (PCR)

Poor (0 - 60)	Fair (61- 84)	Good (85 - 94)	Excellent (95 - 100)	Not Rated

See Appendix for definitions and formulas

The condition shown on this page reflects the overall route condition and may not reflect individual subcomponent ratings.

Rte. 1026ZZ
(2 Subcomponents)



Big Bend National Park

ROUTE 1026AZ: GROUP CAMPSITE PARKING A

Subcomponent of Route BIBE-1026ZZ
Manual Rating

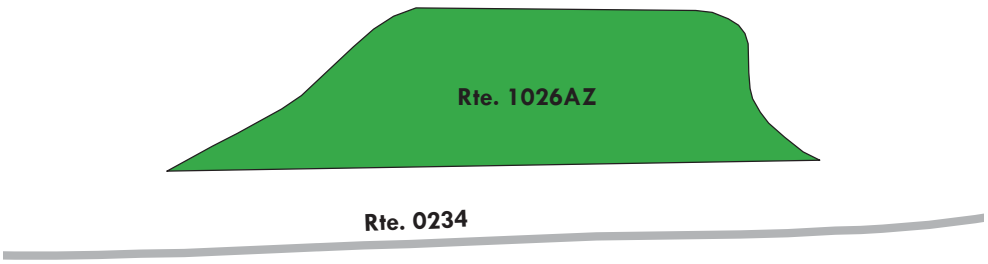
ADJACENT TO ROUTE 0234 (BASIN GROUP CAMPGROUND)

Inspection Date	FMSS Number	User Access	Surface Type
2/23/2017	238380	PUBLIC	ASPHALT
Area (Sq. Ft.)	**Lane Miles (11' Widths)**	**Curb Reveal (Inches)**	**Curb Recommendation**
756	0.013	NOT APPLICABLE	NOT APPLICABLE
Curb Type		**Curb & Gutter Type**	
NO CURB		NO CURB AND GUTTER	
Pavement Recommendation		**Condition Rating / PCR**	
PREVENTIVE MAINTENANCE		GOOD / 90	

Route Condition Legend – Pavement Condition Rating (PCR)

Poor (0 - 60)	Fair (61- 84)	Good (85 - 94)	Excellent (95 - 100)	Not Rated

See Appendix for definitions and formulas



Big Bend National Park

ROUTE 1026BZ: GROUP CAMPSITE PARKING B

Subcomponent of Route BIBE-1026ZZ
Manual Rating

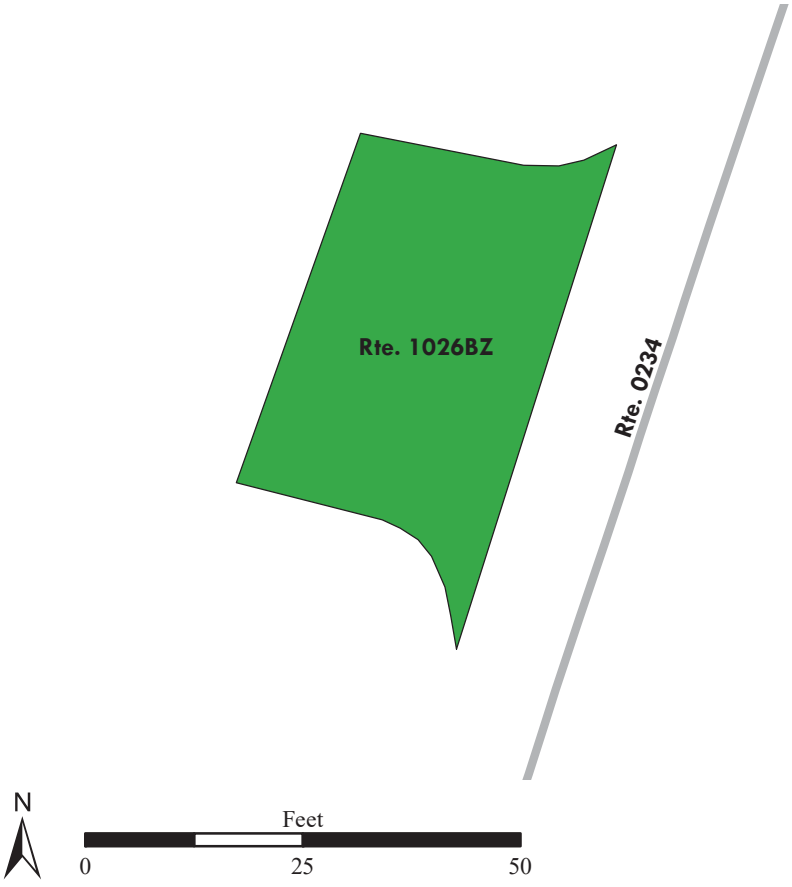
ADJACENT TO ROUTE 0234 (BASIN GROUP CAMPGROUND)

Inspection Date	FMSS Number	User Access	Surface Type
2/23/2017	238380	PUBLIC	ASPHALT
Area (Sq. Ft.)	**Lane Miles (11' Widths)**	**Curb Reveal (Inches)**	**Curb Recommendation**
1,154	0.02	NOT APPLICABLE	NOT APPLICABLE
Curb Type		**Curb & Gutter Type**	
NO CURB		NO CURB AND GUTTER	
Pavement Recommendation		**Condition Rating / PCR**	
PREVENTIVE MAINTENANCE		GOOD / 90	

Route Condition Legend – Pavement Condition Rating (PCR)

Poor (0 - 60) | **Fair (61- 84)** | **Good (85 - 94)** | **Excellent (95 - 100)** | **Not Rated**

See Appendix for definitions and formulas



Big Bend National Park

ROUTE 1028: BASIN RESIDENCE PARKING

Manual Rating

FROM END OF ROUTE 0206 (LOWER BASIN CAMPGROUND ROAD) ON LEFT

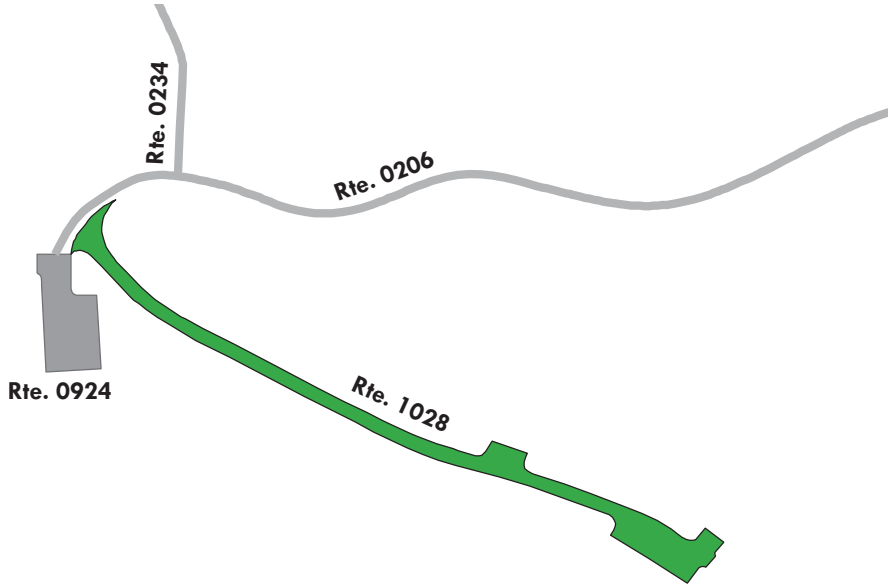
TO PARKING

Inspection Date	FMSS Number	User Access	Surface Type
2/23/2017	54547	PUBLIC	ASPHALT
Area (Sq. Ft.)	**Lane Miles (11' Widths)**	**Curb Reveal (Inches)**	**Curb Recommendation**
16,988	0.292	NOT APPLICABLE	DO NOTHING
Curb Type		**Curb & Gutter Type**	
NO CURB		CONCRETE	
Pavement Recommendation		**Condition Rating / PCR**	
PREVENTIVE MAINTENANCE		GOOD / 90	

Route Condition Legend – Pavement Condition Rating (PCR)

Poor (0 - 60)	Fair (61- 84)	Good (85 - 94)	Excellent (95 - 100)	Not Rated

See Appendix for definitions and formulas



Big Bend National Park

ROUTE 1029: PAISANO PLACE PARKING

Manual Rating

FROM ROUTE 0436 (NOLINA DRIVE) AT MP 0.21 ON LEFT

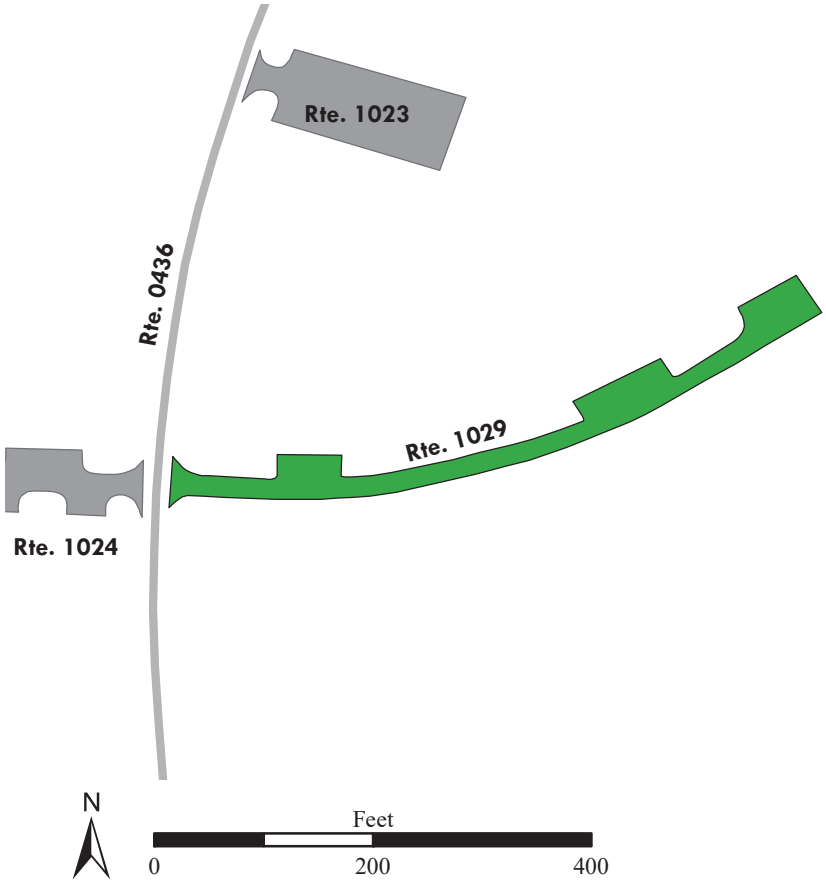
TO PARKING

Inspection Date	FMSS Number	User Access	Surface Type
2/24/2017	53100	PUBLIC	ASPHALT
Area (Sq. Ft.)	**Lane Miles (11' Widths)**	**Curb Reveal (Inches)**	**Curb Recommendation**
14,229	0.245	NOT APPLICABLE	DO NOTHING
Curb Type		**Curb & Gutter Type**	
NO CURB		CONCRETE	
Pavement Recommendation		**Condition Rating / PCR**	
PREVENTIVE MAINTENANCE		GOOD / 90	

Route Condition Legend – Pavement Condition Rating (PCR)

Poor (0 - 60)	Fair (61- 84)	Good (85 - 94)	Excellent (95 - 100)	Not Rated

See Appendix for definitions and formulas



Section 7
Road Milepost Information

Big Bend National Park

Federal Lands Highway
Road Inventory Program

Road Milepost Information

This report section contains road milepost information for all paved roads in the park that were collected with the Data Collection Vehicle (DCV). The milepost data is obtained from the DCV by using a distance measuring instrument (DMI) that is calibrated to record mileage to the nearest thousandth of a mile. Park roads that were manually rated did not have milepost data collected, and thus are not included in this report section.

For Cycle 6, the information presented in this section differs from previous RIP cycles in that it does not contain the roadside features inventories for the paved park roads. Some examples of the features previously collected are signs, culverts/drop inlets, guardrails, curbing, pullouts, etc. If the park was collected in a previous RIP cycle, then the latest features data can be obtained by referencing the following:

Where to find the latest Features Inventories for NPS Parks:

- For Small Parks (parks with less than 10 miles of paved roads):
    - Refer to Cycle 5 data (collected 2010 - 2014)
        - Features were reported in Section 9 of the ***Cycle 5*** RIP report
        - Video of features can be viewed using the ***PathViewVO*** program and ***Cycle 5*** data

- For Large Parks (parks with more than 10 miles of paved roads):
    - Refer to Cycle 4 data (collected 2006 - 2009)
        - Features were reported in Section 9 of the ***Cycle 4*** RIP report
        - Video of features can be viewed using the ***VisiData*** program and ***Cycle 4*** data
    - Note: Features inventories were updated in Large Parks in ***Cycle 5*** only on a route by route basis if the route was new or modified in ***Cycle 5***. If this is the case for a particular route, then features for the route can be obtained using the ***PathViewVO*** program and ***Cycle 5*** data (same as above for Small parks).

Milepost Events Verified in Cycle 6

In Cycle 6, the following events were collected and reported in Section 7 of this report:

- Intersections with roads and parking areas
- All bridges and culverts with BIP Numbers (bridge inspection program numbers)
- Mile Marker Signs
- One-Way travel directions
- Overpasses
- Tunnels
- Low Water Crossings (LWCR)
- Surface type changes
- Construction areas where no pavement condition data was obtained

GPS Mileage Matching

A consistent survey milepost and constant route length as recorded by the Data Collection Vehicle (DCV) is a challenge to maintain from one collection cycle to the next. The challenge is due to many factors such as driver characteristics, DMI calibration, tire pressure etc. After Cycle 4 (~2010), a decision was made to hold constant the length of roads so long as there was no physical change from reconstruction projects or realignments that would result in a change to the length of a road. Consequently, the "GPS Mileage Match" was implemented to specify which cycle the route length is being matched. Route mileages and GPS are matched to a previous collection whenever there is no physical change to a route alignment. The route mileage and GPS is not matched to previous cycles whenever it is determined that a road length and GPS needs to be updated. When this happens the GPS and length is updated to the cycle that displays the change, and that collection cycle is used as the matching cycle in subsequent collections of the road. Thus, the Cycle 6 GIS could be either the survey length collected in Cycle 4, Cycle 5, or Cycle 6 and therefore, may not match the survey milepost displayed in the latest Cycle 6 DCV video which is viewable in ***PathView VO***.

The features inventories and road logs collected on NPS routes contain mileposts that are determined from the corresponding cycle that the GPS is matched to. Therefore, the mileposts contained in the Cycle 4 or 5 features inventories or the Cycle 6 road logs may not exactly match the survey milepost collected in the latest Cycle 6 video of the road.

Locating Mile Marker Signs

For routes that have mile marker signs along them, the milepost reported by RIP will most likely not line up exactly with the sign located in the field. This could be happening for many reasons, most likely due to either the error falling within the acceptable calibration range of the vehicle, or the level of accuracy that the mile marker signs were placed in the field.

Because mile marker signs are important features in many project plans and location descriptions, RIP is reporting locations of mile marker signs in three ways in Cycle 6:

1. Mileposts from Cycle 6 GIS: the official RIP milepost taken from the features inventories and the matching GPS/mileage cycle as described above. This is the milepost that should be used on project plans and when finding locations in the field

2. Mileposts from Cycle 6 Video: milepost shown to help locate the mile marker sign in the latest ***PathView VO*** video.

3. Latitude / Longitude: a constant way of locating a mile marker sign so long as the park has not moved the sign

The mileposts from Cycle 6 Video and GIS should be nearly the same, but on longer roads it has been observed that the Video milepost deviates more from the official GIS milepost that comes from the matching cycle.

BIBE: Route Milepost Log

ROUTE 0011: NORTH ENTRANCE ROAD

Road logs are verified in Cycle 6 and mileposts for this route are matched to GPS collected in Cycle 4.

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.00	0.00	INTERSECTION	R	ROUTE 0012 (RIO GRANDE ROAD)
0.00	0.00	INTERSECTION	L	ROUTE 0013 (WEST ENTRANCE ROAD)
0.00	0.00	INTERSECTION	N/A	ROUTE 0900 (VISITOR PARKING LOT - HQ BUILDING #310)
0.99	0.99	MILE MARKER	L	MILE MARKER 1
1.05	1.05	INTERSECTION	L	ROUTE 0448 (LONE MOUNTAIN ROAD)
1.97	1.97	MILE MARKER	L	MILE MARKER 2
2.95	2.95	MILE MARKER	L	MILE MARKER 3
3.91	3.91	INTERSECTION	R	ROUTE 1008 (A DESERT GRAVE INTERPRETIVE PULLOFF)
3.93	3.93	MILE MARKER	L	MILE MARKER 4
4.75	4.75	INTERSECTION	R	ROUTE 0200 (HANNOLD DRAW ROAD)
4.91	4.91	MILE MARKER	L	MILE MARKER 5
5.87	5.87	MILE MARKER	L	MILE MARKER 6
6.85	6.85	MILE MARKER	L	MILE MARKER 7
7.70	7.70	INTERSECTION	L	ROUTE 0451 (TORNILLO CREEK SERVICE ROAD)
7.78	7.78	MILE MARKER	L	MILE MARKER 8
7.81	7.99	BRIDGE	N/A	7130-002 (UPPER TORNILLO CREEK BRIDGE)
8.09	8.09	INTERSECTION	R	ROUTE 0103 (FOSSIL BONE ROAD)
8.80	8.80	MILE MARKER	L	MILE MARKER 9
9.08	9.08	CULVERT	N/A	7130-007 (STAR CREEK CULVERT)
9.58	9.58	CULVERT	N/A	7130-008 (NORTH ENTRANCE ROAD CULVERT #1)
9.77	9.77	MILE MARKER	L	MILE MARKER 10
10.75	10.75	MILE MARKER	L	MILE MARKER 11
10.86	10.86	CULVERT	N/A	7130-009 (NORTH ENTRANCE ROAD CULVERT #2)
11.73	11.73	MILE MARKER	L	MILE MARKER 12
11.73	11.73	CULVERT	N/A	7130-010 (NORTH ENTRANCE ROAD CULVERT #3)
12.49	12.49	INTERSECTION	L	ROUTE 0401 (ROSILLOS RANCH ROAD)
12.68	12.68	INTERSECTION	R	ROUTE 0101 (DAGGER FLAT ROAD)
12.70	12.70	MILE MARKER	L	MILE MARKER 13
13.68	13.68	MILE MARKER	L	MILE MARKER 14

Data Collected on 3/2017

BIBE: Route Milepost Log

ROUTE 0011: NORTH ENTRANCE ROAD

Road logs are verified in Cycle 6 and mileposts for this route are matched to GPS collected in Cycle 4.

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
13.88	13.88	CULVERT	N/A	7130-011 (NORTH ENTRANCE ROAD CULVERT #4)
14.63	14.63	MILE MARKER	L	MILE MARKER 15
15.26	15.26	CULVERT	N/A	7130-012 (NORTH ENTRANCE ROAD CULVERT #5)
15.64	15.64	MILE MARKER	L	MILE MARKER 16
16.62	16.62	MILE MARKER	L	MILE MARKER 17
17.58	17.58	MILE MARKER	L	MILE MARKER 18
18.51	18.51	MILE MARKER	L	MILE MARKER 19
19.51	19.51	MILE MARKER	L	MILE MARKER 20
20.59	20.59	MILE MARKER	L	MILE MARKER 21
20.97	20.99	BRIDGE	N/A	7130-001 (NINE POINT DRAW BRIDGE)
21.46	21.46	MILE MARKER	L	MILE MARKER 22
21.61	21.61	INTERSECTION	R	ROUTE 0239 (NINE POINT DRAW ROAD)
21.89	21.89	INTERSECTION	L	ROUTE 0100 (TERLINGUA RANCH ROAD)
22.20	22.23	BRIDGE	N/A	7130-003 (BONE SPRING DRAW BRIDGE)
22.44	22.44	MILE MARKER	L	MILE MARKER 23
22.57	22.57	INTERSECTION	R	ROUTE 1004 (THE CAMEL EXPERIMENT INTERPRETIVE PULLOFF)
23.42	23.42	MILE MARKER	L	MILE MARKER 24
24.38	24.38	MILE MARKER	L	MILE MARKER 25
25.36	25.36	MILE MARKER	L	MILE MARKER 26
25.86	25.86	INTERSECTION	L	ROUTE 0400 (PERSIMMON GAP RANCH ROAD)
25.93	25.93	INTERSECTION	L	ROUTE 0402 (PERSIMMON GAP RESIDENTIAL ROAD)
25.95	25.95	INTERSECTION	L	ROUTE 0901 (PERSIMMON GAP VISITOR CENTER PARKING)
26.01	26.01	INTERSECTION	L	ROUTE 0901 (PERSIMMON GAP VISITOR CENTER PARKING)
26.37	26.37	MILE MARKER	L	MILE MARKER 27
27.46	27.46	PARK BOUNDARY	N/A	N/A

Data Collected on 3/2017

BIBE: Route Milepost Log

ROUTE 0012: RIO GRANDE ROAD

Road logs are verified in Cycle 6 and mileposts for this route are matched to GPS collected in Cycle 4.

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.00	0.00	INTERSECTION	R	ROUTE 0900 (VISITOR PARKING LOT - HQ BUILDING #310)
0.00	0.00	INTERSECTION	L	ROUTE 0013 (WEST ENTRANCE ROAD)
0.00	0.00	INTERSECTION	N/A	ROUTE 0011 (NORTH ENTRANCE ROAD)
0.07	0.07	INTERSECTION	R	ROUTE 0428 (ALSATE AVENUE)
0.27	0.27	INTERSECTION	L	ROUTE 0444 (PJ SEWAGE TREATMENT PLANT ROAD)
1.00	1.00	MILE MARKER	R	MILE MARKER 1
1.89	1.89	INTERSECTION	L	ROUTE 0404 (K-BAR RANCH ROAD)
1.97	1.97	MILE MARKER	R	MILE MARKER 2
2.96	2.96	MILE MARKER	R	MILE MARKER 3
3.92	3.92	MILE MARKER	R	MILE MARKER 4
4.94	4.94	MILE MARKER	R	MILE MARKER 5
4.98	4.98	INTERSECTION	R	ROUTE 0449 (NUGENT MOUNTAIN GRAVEL PIT ROAD)
5.38	5.38	INTERSECTION	R	ROUTE 0104 (GLENN SPRINGS ROAD)
5.88	5.88	MILE MARKER	R	MILE MARKER 6
5.94	5.94	INTERSECTION	R	ROUTE 1007 (CHIHUAHUAN DESERT INTERPRETIVE PULLOFF)
6.38	6.38	INTERSECTION	L	ROUTE 0105 (DUG OUT WELLS ROAD)
6.86	6.86	MILE MARKER	R	MILE MARKER 7
7.84	7.84	MILE MARKER	R	MILE MARKER 8
8.81	8.81	MILE MARKER	R	MILE MARKER 9
9.79	9.79	MILE MARKER	R	MILE MARKER 10
10.77	10.77	MILE MARKER	R	MILE MARKER 11
11.74	11.74	MILE MARKER	R	MILE MARKER 12
12.71	12.71	MILE MARKER	R	MILE MARKER 13
13.68	13.68	MILE MARKER	R	MILE MARKER 14
14.66	14.66	MILE MARKER	R	MILE MARKER 15
15.58	15.58	MILE MARKER	R	MILE MARKER 16
15.63	15.63	INTERSECTION	R	ROUTE 0106 (RIVER ROAD)
16.01	16.22	BRIDGE	N/A	7130-004 (TORNILLO CREEK BRIDGE)
16.62	16.62	MILE MARKER	R	MILE MARKER 17

Data Collected on 3/2017

BIBE: Route Milepost Log

ROUTE 0012: RIO GRANDE ROAD

Road logs are verified in Cycle 6 and mileposts for this route are matched to GPS collected in Cycle 4.

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
16.81	16.81	INTERSECTION	R	ROUTE 0107 (HOT SPRINGS ROAD)
17.59	17.59	MILE MARKER	R	MILE MARKER 18
17.87	17.87	INTERSECTION	L	ROUTE 0102 (OLD ORE ROAD)
18.52	18.58	TUNNEL	N/A	7130-005 (RIO GRANDE OVERLOOK TUNNEL)
18.62	18.62	INTERSECTION	R	ROUTE 0902 (RIO GRANDE OVERLOOK PARKING)
18.66	18.66	MILE MARKER	R	MILE MARKER 19
19.30	19.30	INTERSECTION	L	ROUTE 0109 (BOQUILLAS CANYON ROAD)
19.70	19.70	MILE MARKER	R	MILE MARKER 20
19.72	19.72	INTERSECTION	L	ROUTE 0405AZ (HUISACHE DRIVE A)
20.12	20.12	INTERSECTION	R	ROUTE 0906 (RIO GRANDE VISITOR CENTER PARKING)
20.22	20.22	INTERSECTION	R	ROUTE 0906 (RIO GRANDE VISITOR CENTER PARKING)
20.31	20.31	INTERSECTION	L	ROUTE 0201 (RIO GRANDE VILLAGE ROAD)
20.31	20.31	INTERSECTION	R	ROUTE 0201 (RIO GRANDE VILLAGE ROAD)
20.31	20.31	INTERSECTION	N/A	ROUTE 0909 (RIO GRANDE STORE PARKING)

BIBE: Route Milepost Log

ROUTE 0013: WEST ENTRANCE ROAD

Road logs are verified in Cycle 6 and mileposts for this route are matched to GPS collected in Cycle 4.

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.00	0.00	INTERSECTION	L	ROUTE 0900 (VISITOR PARKING LOT - HQ BUILDING #310)
0.00	0.00	INTERSECTION	R	ROUTE 0011 (NORTH ENTRANCE ROAD)
0.00	0.00	INTERSECTION	N/A	ROUTE 0012 (RIO GRANDE ROAD)
0.06	0.06	INTERSECTION	L	ROUTE 0900 (VISITOR PARKING LOT - HQ BUILDING #310)
0.18	0.18	INTERSECTION	L	ROUTE 0912 (PANTHER JUNCTION GAS STATION PARKING LOT)
0.21	0.21	INTERSECTION	L	ROUTE 0912 (PANTHER JUNCTION GAS STATION PARKING LOT)
1.01	1.01	MILE MARKER	L	MILE MARKER 1
1.90	1.90	INTERSECTION	L	UNPAVED ROAD (SERVICE ROAD)
2.02	2.02	MILE MARKER	L	MILE MARKER 2
2.99	2.99	MILE MARKER	L	MILE MARKER 3
3.18	3.18	INTERSECTION	L	ROUTE 0014 (CHISOS BASIN ROAD)
3.49	3.49	INTERSECTION	R	ROUTE 0111 (GRAPEVINE HILLS ROAD)
4.00	4.00	MILE MARKER	L	MILE MARKER 4
4.96	4.96	MILE MARKER	L	MILE MARKER 5
5.90	5.90	MILE MARKER	L	MILE MARKER 6
6.07	6.07	INTERSECTION	R	ROUTE 0207 (PAINT GAP ROAD)
6.47	6.47	INTERSECTION	R	ROUTE 1005 (INVISIBLE WILDLIFE INTERPRETIVE PULLOFF)
6.87	6.87	MILE MARKER	L	MILE MARKER 7
7.84	7.84	MILE MARKER	L	MILE MARKER 8
8.77	8.77	MILE MARKER	L	MILE MARKER 9
9.66	9.66	INTERSECTION	R	ROUTE 0208 (CROTON SPRING ROAD)
9.84	9.84	MILE MARKER	L	MILE MARKER 10
10.68	10.68	CULVERT	N/A	7130-013 (ASH CREEK CULVERT)
10.70	10.70	MILE MARKER	L	MILE MARKER 11
11.27	11.31	BRIDGE	N/A	7130-014 (OAK CREEK WASH BRIDGE)
11.66	11.66	MILE MARKER	L	MILE MARKER 12
12.68	12.68	MILE MARKER	L	MILE MARKER 13
12.71	12.71	INTERSECTION	L	ROUTE 0015 (ROSS MAXWELL SCENIC DRIVE)

Data Collected on 3/2017

BIBE: Route Milepost Log

ROUTE 0013: WEST ENTRANCE ROAD

Road logs are verified in Cycle 6 and mileposts for this route are matched to GPS collected in Cycle 4.

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
13.03	13.03	CULVERT	N/A	7130-015 (COTTONWOOD CREEK CULVERT)
13.57	13.57	MILE MARKER	L	MILE MARKER 14
14.54	14.54	MILE MARKER	L	MILE MARKER 15
15.49	15.49	MILE MARKER	L	MILE MARKER 16
16.50	16.50	MILE MARKER	L	MILE MARKER 17
17.40	17.40	MILE MARKER	L	MILE MARKER 18
18.35	18.35	MILE MARKER	L	MILE MARKER 19
19.35	19.35	MILE MARKER	L	MILE MARKER 20
20.28	20.28	MILE MARKER	L	MILE MARKER 21
20.69	20.69	INTERSECTION	R	ROUTE 0913 (BADLANDS PARKING AREA)
20.74	20.74	INTERSECTION	R	ROUTE 0913 (BADLANDS PARKING AREA)
20.79	20.79	INTERSECTION	L	ROUTE 0115 (OLD MAVERICK ROAD)
20.81	20.81	INTERSECTION	L	ROUTE 0914 (MAVERICK INFORMATION KIOSK PARKING)
20.88	20.88	INTERSECTION	L	ROUTE 0915 (WEST ENTRANCE CONTACT STATION PARKING)
21.26	21.26	MILE MARKER	L	MILE MARKER 22
21.91	21.91	INTERSECTION	N/A	STATE HIGHWAY 118
21.91	21.91	PARK BOUNDARY	N/A	N/A

Data Collected on 3/2017

BIBE: Route Milepost Log

ROUTE 0014: CHISOS BASIN ROAD

Road logs are verified in Cycle 6 and mileposts for this route are matched to GPS collected in Cycle 4.

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.00	0.00	INTERSECTION	R	ROUTE 0013 (WEST ENTRANCE ROAD)
0.00	0.00	INTERSECTION	L	ROUTE 0013 (WEST ENTRANCE ROAD)
0.16	0.16	INTERSECTION	R	ROUTE 1000 (ANIMAL HIGHWAYS INTERPRETIVE PULLOFF)
0.19	0.19	INTERSECTION	R	ROUTE 1000 (ANIMAL HIGHWAYS INTERPRETIVE PULLOFF)
1.03	1.03	MILE MARKER	L	MILE MARKER 1
2.05	2.05	MILE MARKER	L	MILE MARKER 2
3.06	3.06	MILE MARKER	L	MILE MARKER 3
3.34	3.34	INTERSECTION	R	ROUTE 0445 (MAPLE CANYON ROAD)
4.08	4.08	MILE MARKER	L	MILE MARKER 4
4.66	4.66	CULVERT	N/A	7130-016 (GREEN GULCH CULVERT)
5.08	5.08	MILE MARKER	L	MILE MARKER 5
5.17	5.17	INTERSECTION	L	ROUTE 0917 (LOST MINE TRAIL PARKING)
6.07	6.07	MILE MARKER	L	MILE MARKER 6
6.17	6.17	INTERSECTION	R	ROUTE 0206 (LOWER BASIN CAMPGROUND ROAD)
6.33	6.33	INTERSECTION	R	ROUTE 0918 (BASIN RANGER STATION PARKING)
6.34	6.34	INTERSECTION	N/A	ROUTE 0919 (BASIN VISITORS CENTER PARKING)

Data Collected on 3/2017

BIBE: Route Milepost Log

ROUTE 0015: ROSS MAXWELL SCENIC DRIVE

Road logs are verified in Cycle 6 and mileposts for this route are matched to GPS collected in Cycle 4.

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.00	0.00	INTERSECTION	R	ROUTE 0013 (WEST ENTRANCE ROAD)
0.00	0.00	INTERSECTION	L	ROUTE 0013 (WEST ENTRANCE ROAD)
0.46	0.51	LOW WATER CROSSING	N/A	HIGH WATER FLOW AREA
1.02	1.02	MILE MARKER	L	MILE MARKER 1
2.00	2.00	INTERSECTION	L	ROUTE 1001 (CHISOS MOUNTAIN INTERPRETIVE PULLOFF)
2.02	2.02	MILE MARKER	L	MILE MARKER 2
3.00	3.00	INTERSECTION	R	ROUTE 1002 (SAM NAIL INTERPRETIVE PULLOFF)
3.02	3.02	MILE MARKER	L	MILE MARKER 3
3.31	3.31	INTERSECTION	L	ROUTE 0419 (OAK SPRINGS ROAD)
3.61	3.65	LOW WATER CROSSING	N/A	HIGH WATER FLOW AREA
4.00	4.00	MILE MARKER	L	MILE MARKER 4
4.14	4.14	INTERSECTION	L	ROUTE 1003 (FINS ON FIRE INTERPRETIVE PULLOFF)
4.59	4.64	LOW WATER CROSSING	N/A	HIGH WATER FLOW AREA
5.00	5.00	MILE MARKER	L	MILE MARKER 5
6.00	6.00	MILE MARKER	L	MILE MARKER 6
7.01	7.01	MILE MARKER	L	MILE MARKER 7
8.00	8.00	MILE MARKER	L	MILE MARKER 8
8.11	8.11	INTERSECTION	L	ROUTE 0925 (BLUE CREEK OVERLOOK PARKING)
8.33	8.33	INTERSECTION	L	ROUTE 0112 (SOTOL VISTA OVERLOOK ROAD)
8.99	8.99	MILE MARKER	L	MILE MARKER 9
9.97	9.97	MILE MARKER	L	MILE MARKER 10
10.98	10.98	MILE MARKER	L	MILE MARKER 11
11.57	11.57	INTERSECTION	R	ROUTE 0113 (BURRO MESA POUROFF ROAD)
11.93	11.93	MILE MARKER	L	MILE MARKER 12
12.75	12.75	INTERSECTION	R	ROUTE 0928 (CHIMNEY TRAILS PARKING)
12.97	12.97	MILE MARKER	L	MILE MARKER 13
13.73	13.75	LOW WATER CROSSING	N/A	HIGH WATER FLOW AREA

Data Collected on 3/2017

BIBE: Route Milepost Log

ROUTE 0015: ROSS MAXWELL SCENIC DRIVE

Road logs are verified in Cycle 6 and mileposts for this route are matched to GPS collected in Cycle 4.

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
13.99	13.99	MILE MARKER	L	MILE MARKER 14
14.60	14.63	LOW WATER CROSSING	N/A	HIGH WATER FLOW AREA
14.82	14.82	INTERSECTION	L	ROUTE 0929 (GOAT MOUNTAIN PARKING)
14.94	14.94	MILE MARKER	L	MILE MARKER 15
15.46	15.46	INTERSECTION	L	ROUTE 0114 (MULE EARS OVERLOOK ROAD)
15.97	15.97	MILE MARKER	L	MILE MARKER 16
16.96	16.96	MILE MARKER	L	MILE MARKER 17
17.37	17.46	LOW WATER CROSSING	N/A	HIGH WATER FLOW AREA
17.97	17.97	MILE MARKER	L	MILE MARKER 18
18.13	18.14	LOW WATER CROSSING	N/A	HIGH WATER FLOW AREA
18.95	18.95	MILE MARKER	L	MILE MARKER 19
19.84	19.84	INTERSECTION	R	ROUTE 0931 (TUFF CANYON OVERLOOK PARKING)
19.91	19.91	MILE MARKER	L	MILE MARKER 20
20.15	20.15	INTERSECTION	L	ROUTE 0106 (RIVER ROAD)
20.94	20.94	MILE MARKER	L	MILE MARKER 21
21.17	21.19	LOW WATER CROSSING	N/A	HIGH WATER FLOW AREA
21.30	21.31	LOW WATER CROSSING	N/A	HIGH WATER FLOW AREA
21.87	21.87	INTERSECTION	R	ROUTE 0426 (MESA DRIVE)
21.92	21.92	MILE MARKER	L	MILE MARKER 22
22.50	22.50	INTERSECTION	L	ROUTE 0209 (CALVARY ROAD (CASTOLON VISITOR CENTER))
22.68	22.68	INTERSECTION	L	ROUTE 0210 (SANTA ELENA CROSSING)
22.92	22.92	MILE MARKER	L	MILE MARKER 23
23.17	23.17	INTERSECTION	R	ROUTE 0422 (BLUE CREEK DRIVE)
23.17	23.17	INTERSECTION	L	ROUTE 0211 (COTTONWOOD CAMPGROUND)
23.22	23.22	INTERSECTION	L	ROUTE 0423 (BLUE CREEK GRAVEL PIT ROAD)
23.24	23.24	MILE MARKER	L	MILE MARKER 0
23.25	23.25	INTERSECTION	N/A	ROUTE 0016 (SANTA ELENA CANYON ROAD)

Data Collected on 3/2017

BIBE: Route Milepost Log

ROUTE 0016: SANTA ELENA CANYON ROAD

Road logs are verified in Cycle 6 and mileposts for this route are matched to GPS collected in Cycle 4.

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.00	0.00	INTERSECTION	N/A	ROUTE 0015 (ROSS MAXWELL SCENIC DRIVE)
0.04	0.04	INTERSECTION	L	ROUTE 0423 (BLUE CREEK GRAVEL PIT ROAD)
0.26	0.29	LOW WATER CROSSING	N/A	HIGH WATER FLOW AREA
0.32	0.32	INTERSECTION	R	SERVICE ROAD (UNPAVED)
1.00	1.00	MILE MARKER	L	MILE MARKER 1
1.09	1.09	INTERSECTION	R	ROUTE 0933 (DESERT MOUNTAIN OVERLOOK PARKING)
1.72	1.80	LOW WATER CROSSING	N/A	HIGH WATER FLOW AREA
1.96	1.96	MILE MARKER	L	MILE MARKER 2
2.63	2.65	BRIDGE	N/A	7130-006 (CASTOLON WASH BRIDGE)
2.98	2.98	MILE MARKER	L	MILE MARKER 3
3.96	3.96	MILE MARKER	L	MILE MARKER 4
4.50	4.50	INTERSECTION	R	DORGAN SUBLETT TRAIL PULLOFF
4.99	4.99	MILE MARKER	L	MILE MARKER 5
5.72	5.72	INTERSECTION	L	ROUTE 0934 (SANTA ELENA CANYON RIVER ACCESS PARKING)
5.96	5.96	MILE MARKER	L	MILE MARKER 6
6.82	6.82	INTERSECTION	L	ROUTE 0935 (SANTA ELENA CANYON OVERLOOK PARKING)
6.99	6.99	MILE MARKER	L	MILE MARKER 7
6.99	6.99	INTERSECTION	R	ROUTE 0115 (OLD MAVERICK ROAD)
7.54	7.54	INTERSECTION	L	ROUTE 0016 (SANTA ELENA CANYON ROAD)
7.54	7.54	ONE-WAY START	N/A	N/A
7.62	7.62	INTERSECTION	R	ROUTE 0936 (SANTA ELENA CANYON PICNIC AREA)
7.70	7.70	INTERSECTION	L	ROUTE 0016 (SANTA ELENA CANYON ROAD)
7.70	7.70	INTERSECTION	R	ROUTE 0016 (SANTA ELENA CANYON ROAD)
7.70	7.70	ONE-WAY END	N/A	N/A

BIBE: Route Milepost Log

ROUTE 0103: FOSSIL BONE ROAD

Road logs are verified in Cycle 6 and mileposts for this route are matched to GPS collected in Cycle 5.

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.00	0.00	INTERSECTION	R	ROUTE 0011 (NORTH ENTRANCE ROAD)
0.00	0.00	INTERSECTION	L	ROUTE 0011 (NORTH ENTRANCE ROAD)
0.23	0.23	INTERSECTION	N/A	ROUTE 1015 (FOSSIL BONE PARKING)

ROUTE 0109: BOQUILLAS CANYON ROAD

Road logs are verified in Cycle 6 and mileposts for this route are matched to GPS collected in Cycle 4.

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.00	0.00	INTERSECTION	R	ROUTE 0012 (RIO GRANDE ROAD)
0.00	0.00	INTERSECTION	L	ROUTE 0012 (RIO GRANDE ROAD)
0.04	0.04	INTERSECTION	L	ROUTE 0412 (RIO GRANDE VILLAGE DUMP)
1.39	1.39	INTERSECTION	R	ROUTE 0202 (BOQUILLAS CROSSING)
1.64	1.64	INTERSECTION	R	RESEARCH STATION ROAD (PAVED)
2.40	2.40	INTERSECTION	R	ROUTE 1012 (BOQUILLAS MEXICO INTERPRETIVE PULLOFF)
2.71	2.71	INTERSECTION	R	ROUTE 0110 (BOQUILLAS CANYON OVERLOOK ROAD)
3.45	3.45	INTERSECTION	R	ROUTE 1010 (MOVE A MOUNTAIN INTERPRETIVE PULLOFF)
3.61	3.61	INTERSECTION	N/A	ROUTE 0905 (BOQUILLAS CANYON TRAIL PARKING)

BIBE: Route Milepost Log

ROUTE 0110: BOQUILLAS CANYON OVERLOOK ROAD

Road logs are verified in Cycle 6 and mileposts for this route are matched to GPS collected in Cycle 4.

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.00	0.00	INTERSECTION	L	ROUTE 0109 (BOQUILLAS CANYON ROAD)
0.00	0.00	INTERSECTION	R	ROUTE 0109 (BOQUILLAS CANYON ROAD)
0.47	0.47	INTERSECTION	L	ROUTE 0110 (BOQUILLAS CANYON OVERLOOK ROAD)
0.47	0.47	ONE-WAY START	N/A	N/A
0.51	0.51	INTERSECTION	R	ROUTE 1011 (BOQUILLAS CANYON INTERPRETIVE PULLOFF)
0.57	0.57	INTERSECTION	R	ROUTE 0110 (BOQUILLAS CANYON OVERLOOK ROAD)
0.57	0.57	INTERSECTION	L	ROUTE 0110 (BOQUILLAS CANYON OVERLOOK ROAD)
0.57	0.57	ONE-WAY END	N/A	N/A

ROUTE 0112: SOTOL VISTA OVERLOOK ROAD

Road logs are verified in Cycle 6 and mileposts for this route are matched to GPS collected in Cycle 4.

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.00	0.00	INTERSECTION	L	ROUTE 0015 (ROSS MAXWELL SCENIC DRIVE)
0.00	0.00	INTERSECTION	R	ROUTE 0015 (ROSS MAXWELL SCENIC DRIVE)
0.26	0.26	INTERSECTION	L	ROUTE 0112 (SOTOL VISTA OVERLOOK ROAD)
0.26	0.26	ONE-WAY START	N/A	N/A
0.37	0.37	INTERSECTION	L	ROUTE 0926AZ (SOTOL VISTA OVERLOOK PARKING A)
0.38	0.38	INTERSECTION	R	ROUTE 0926BZ (SOTOL VISTA OVERLOOK PARKING B)
0.41	0.41	INTERSECTION	L	ROUTE 0112 (SOTOL VISTA OVERLOOK ROAD)
0.41	0.41	INTERSECTION	N/A	ROUTE 0112 (SOTOL VISTA OVERLOOK ROAD)
0.41	0.41	ONE-WAY END	N/A	N/A

BIBE: Route Milepost Log

ROUTE 0113: BURRO MESA POUROFF ROAD

Road logs are verified in Cycle 6 and mileposts for this route are matched to GPS collected in Cycle 4.

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.00	0.00	INTERSECTION	L	ROUTE 0015 (ROSS MAXWELL SCENIC DRIVE)
0.00	0.00	INTERSECTION	R	ROUTE 0015 (ROSS MAXWELL SCENIC DRIVE)
1.10	1.10	INTERSECTION	L	BURRO SPRING OVERLOOK PULLOFF
1.74	1.74	INTERSECTION	L	ROUTE 0113 (BURRO MESA POUROFF ROAD)
1.74	1.74	ONE-WAY START	N/A	N/A
1.84	1.84	INTERSECTION	R	ROUTE 0927 (BURRO MESA POUROFF PARKING)
1.86	1.86	INTERSECTION	L	ROUTE 0113 (BURRO MESA POUROFF ROAD)
1.86	1.86	INTERSECTION	R	ROUTE 0113 (BURRO MESA POUROFF ROAD)
1.86	1.86	ONE-WAY END	N/A	N/A

ROUTE 0114: MULE EARS OVERLOOK ROAD

Road logs are verified in Cycle 6 and mileposts for this route are matched to GPS collected in Cycle 4.

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.00	0.00	INTERSECTION	L	ROUTE 0015 (ROSS MAXWELL SCENIC DRIVE)
0.00	0.00	INTERSECTION	R	ROUTE 0015 (ROSS MAXWELL SCENIC DRIVE)
0.45	0.45	INTERSECTION	L	ROUTE 0114 (MULE EARS OVERLOOK ROAD)
0.45	0.45	ONE-WAY START	N/A	N/A
0.52	0.52	INTERSECTION	R	ROUTE 0930 (MULE EARS OVERLOOK PARKING)
0.61	0.61	INTERSECTION	R	ROUTE 0114 (MULE EARS OVERLOOK ROAD)
0.61	0.61	INTERSECTION	L	ROUTE 0114 (MULE EARS OVERLOOK ROAD)
0.61	0.61	ONE-WAY END	N/A	N/A

BIBE: Route Milepost Log

ROUTE 0201: RIO GRANDE VILLAGE ROAD

Road logs are verified in Cycle 6 and mileposts for this route are matched to GPS collected in Cycle 4.

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.00	0.00	INTERSECTION	N/A	ROUTE 0907 (RIO GRANDE DANIELS RANCH PICNIC AREA PARKING)
0.17	0.17	INTERSECTION	R	TENT CAMPGROUND ACCESS (UNPAVED)
0.17	0.17	INTERSECTION	L	TENT CAMPGROUND ACCESS (UNPAVED)
0.52	0.52	INTERSECTION	R	ROUTE 0908 (RIO GRANDE TRAILER PARKING RV PARK)
0.63	0.63	INTERSECTION	R	ROUTE 0909 (RIO GRANDE STORE PARKING)
0.68	0.68	INTERSECTION	L	ROUTE 0012 (RIO GRANDE ROAD)
0.68	0.68	INTERSECTION	R	ROUTE 0909 (RIO GRANDE STORE PARKING)
0.71	0.71	INTERSECTION	R	ROUTE 0909 (RIO GRANDE STORE PARKING)
0.82	0.82	INTERSECTION	L	DUMP STATION
0.84	0.84	INTERSECTION	L	DUMP STATION
0.85	0.85	INTERSECTION	R	UNPAVED ROAD
0.87	0.87	INTERSECTION	L	ROUTE 0411 (RIO GRANDE WATER TANK ROAD)
0.88	0.88	INTERSECTION	L	SEWAGE TREATMENT ACCESS ROAD
0.91	0.91	INTERSECTION	R	ROUTE 0910 (RIO GRANDE AMPHITHEATER PARKING)
0.99	0.99	INTERSECTION	R	ROUTE 0203ZZ (RIO GRANDE VILLAGE CAMPGROUND)
1.11	1.11	INTERSECTION	R	ROUTE 0203AZ (RIO GRANDE VILLAGE CAMPGROUND LOOP A)
1.20	1.20	INTERSECTION	L	UNPAVED ROAD
1.21	1.21	INTERSECTION	R	UNPAVED ROAD
1.26	1.26	SURFACE TYPE	N/A	GRAVEL
1.36	1.36	SURFACE TYPE	N/A	ASPHALT
1.40	1.40	INTERSECTION	L	UNPAVED ROAD
1.41	1.41	INTERSECTION	N/A	UNPAVED ROAD

BIBE: Route Milepost Log

ROUTE 0203AZ: RIO GRANDE VILLAGE CAMPGROUND LOOP A

Road logs are verified in Cycle 6 and mileposts for this route are matched to GPS collected in Cycle 5.

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.00	0.00	INTERSECTION	R	ROUTE 0201 (RIO GRANDE VILLAGE ROAD)
0.00	0.00	INTERSECTION	L	ROUTE 0201 (RIO GRANDE VILLAGE ROAD)
0.01	0.01	INTERSECTION	L	ROUTE 0203AZ (RIO GRANDE VILLAGE CAMPGROUND LOOP A) SPUR
0.02	0.02	INTERSECTION	L	ROUTE 0203AZ (RIO GRANDE VILLAGE CAMPGROUND LOOP A)
0.06	0.06	INTERSECTION	L	ROUTE 0203BZ (RIO GRANDE VILLAGE CAMPGROUND LOOP B)
0.17	0.17	INTERSECTION	L	ROUTE 0203CZ (RIO GRANDE VILLAGE CAMPGROUND LOOP C)
0.26	0.26	INTERSECTION	R	ROUTE 0203EZ (RIO GRANDE VILLAGE CAMPGROUND LOOP E)
0.33	0.33	INTERSECTION	R	ROUTE 0203EZ (RIO GRANDE VILLAGE CAMPGROUND LOOP E)
0.39	0.39	INTERSECTION	L	ROUTE 0203DZ (RIO GRANDE VILLAGE CAMPGROUND LOOP D)
0.49	0.49	INTERSECTION	L	ROUTE 0203BZ (RIO GRANDE VILLAGE CAMPGROUND LOOP B)
0.59	0.59	INTERSECTION	L	ROUTE 0203DZ (RIO GRANDE VILLAGE CAMPGROUND LOOP D)
0.65	0.65	INTERSECTION	L	ROUTE 0203CZ (RIO GRANDE VILLAGE CAMPGROUND LOOP C)
0.71	0.71	INTERSECTION	R	ROUTE 0203AZ (RIO GRANDE VILLAGE CAMPGROUND LOOP A) SPUR
0.73	0.73	INTERSECTION	L	ROUTE 0203AZ (RIO GRANDE VILLAGE CAMPGROUND LOOP A)
0.73	0.73	INTERSECTION	R	ROUTE 0203AZ (RIO GRANDE VILLAGE CAMPGROUND LOOP A)

ROUTE 0203BZ: RIO GRANDE VILLAGE CAMPGROUND LOOP B

Road logs are verified in Cycle 6 and mileposts for this route are matched to GPS collected in Cycle 5.

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.00	0.00	INTERSECTION	L	ROUTE 0203AZ (RIO GRANDE VILLAGE CAMPGROUND LOOP A)
0.00	0.00	INTERSECTION	R	ROUTE 0203AZ (RIO GRANDE VILLAGE CAMPGROUND LOOP A)
0.08	0.08	INTERSECTION	L	ROUTE 0203CZ (RIO GRANDE VILLAGE CAMPGROUND LOOP C)
0.08	0.08	INTERSECTION	R	ROUTE 0203CZ (RIO GRANDE VILLAGE CAMPGROUND LOOP C)
0.22	0.22	INTERSECTION	L	ROUTE 0203DZ (RIO GRANDE VILLAGE CAMPGROUND LOOP D)
0.22	0.22	INTERSECTION	R	ROUTE 0203DZ (RIO GRANDE VILLAGE CAMPGROUND LOOP D)
0.29	0.29	INTERSECTION	R	ROUTE 0203AZ (RIO GRANDE VILLAGE CAMPGROUND LOOP A)
0.29	0.29	INTERSECTION	L	ROUTE 0203AZ (RIO GRANDE VILLAGE CAMPGROUND LOOP A)

ROUTE 0203CZ: RIO GRANDE VILLAGE CAMPGROUND LOOP C

Road logs are verified in Cycle 6 and mileposts for this route are matched to GPS collected in Cycle 5.

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.00	0.00	INTERSECTION	R	ROUTE 0203AZ (RIO GRANDE VILLAGE CAMPGROUND LOOP A)
0.00	0.00	INTERSECTION	L	ROUTE 0203AZ (RIO GRANDE VILLAGE CAMPGROUND LOOP A)
0.04	0.04	INTERSECTION	R	ROUTE 0203BZ (RIO GRANDE VILLAGE CAMPGROUND LOOP B)
0.04	0.04	INTERSECTION	L	ROUTE 0203BZ (RIO GRANDE VILLAGE CAMPGROUND LOOP B)
0.07	0.07	INTERSECTION	L	ROUTE 0203AZ (RIO GRANDE VILLAGE CAMPGROUND LOOP A)
0.07	0.07	INTERSECTION	R	ROUTE 0203AZ (RIO GRANDE VILLAGE CAMPGROUND LOOP A)

ROUTE 0203DZ: RIO GRANDE VILLAGE CAMPGROUND LOOP D

Road logs are verified in Cycle 6 and mileposts for this route are matched to GPS collected in Cycle 5.

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.00	0.00	INTERSECTION	R	ROUTE 0203AZ (RIO GRANDE VILLAGE CAMPGROUND LOOP A)
0.00	0.00	INTERSECTION	L	ROUTE 0203AZ (RIO GRANDE VILLAGE CAMPGROUND LOOP A)
0.04	0.04	INTERSECTION	R	ROUTE 0203BZ (RIO GRANDE VILLAGE CAMPGROUND LOOP B)
0.04	0.04	INTERSECTION	L	ROUTE 0203BZ (RIO GRANDE VILLAGE CAMPGROUND LOOP B)
0.08	0.08	INTERSECTION	R	ROUTE 0203AZ (RIO GRANDE VILLAGE CAMPGROUND LOOP A)
0.08	0.08	INTERSECTION	L	ROUTE 0203AZ (RIO GRANDE VILLAGE CAMPGROUND LOOP A)

ROUTE 0203EZ: RIO GRANDE VILLAGE CAMPGROUND LOOP E

Road logs are verified in Cycle 6 and mileposts for this route are matched to GPS collected in Cycle 5.

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.00	0.00	INTERSECTION	R	ROUTE 0203AZ (RIO GRANDE VILLAGE CAMPGROUND LOOP A)
0.00	0.00	INTERSECTION	L	ROUTE 0203AZ (RIO GRANDE VILLAGE CAMPGROUND LOOP A)
0.14	0.14	INTERSECTION	R	ROUTE 0203AZ (RIO GRANDE VILLAGE CAMPGROUND LOOP A)
0.14	0.14	INTERSECTION	L	ROUTE 0203AZ (RIO GRANDE VILLAGE CAMPGROUND LOOP A)

BIBE: Route Milepost Log

ROUTE 0206: LOWER BASIN CAMPGROUND ROAD

Road logs are verified in Cycle 6 and mileposts for this route are matched to GPS collected in Cycle 4.

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.00	0.00	INTERSECTION	L	ROUTE 0014 (CHISOS BASIN ROAD)
0.00	0.00	INTERSECTION	R	ROUTE 0014 (CHISOS BASIN ROAD)
0.41	0.41	INTERSECTION	R	ROUTE 0233Z (CLASS A CAMPGROUND - CHISOS BASIN MAIN LOOP)
0.42	0.42	INTERSECTION	L	ROUTE 0923 (BASIN AMPHITHEATER PARKING)
0.47	0.47	INTERSECTION	L	ROUTE 0923 (BASIN AMPHITHEATER PARKING)
0.61	0.61	INTERSECTION	R	ROUTE 0234 (BASIN GROUP CAMPGROUND)
0.63	0.63	INTERSECTION	L	ROUTE 1028 (BASIN RESIDENCE PARKING)
0.63	0.63	INTERSECTION	N/A	ROUTE 0924 (BASIN REMUDA PARKING)

BIBE: Route Milepost Log

ROUTE 0233AZ: CLASS A CAMPGROUND - CHISOS BASIN LOOP A

Road logs are verified in Cycle 6 and mileposts for this route are matched to GPS collected in Cycle 5.

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.00	0.00	ONE-WAY START	N/A	N/A
0.00	0.00	INTERSECTION	R	ROUTE 0233Z (CLASS A CAMPGROUND - CHISOS BASIN MAIN LOOP)
0.00	0.00	INTERSECTION	L	ROUTE 0233Z (CLASS A CAMPGROUND - CHISOS BASIN MAIN LOOP)
0.20	0.20	ONE-WAY END	N/A	N/A
0.20	0.20	INTERSECTION	R	ROUTE 0233Z (CLASS A CAMPGROUND - CHISOS BASIN MAIN LOOP)
0.20	0.20	INTERSECTION	L	ROUTE 0233Z (CLASS A CAMPGROUND - CHISOS BASIN MAIN LOOP)

ROUTE 0233BZ: CLASS A CAMPGROUND - CHISOS BASIN LOOP B

Road logs are verified in Cycle 6 and mileposts for this route are matched to GPS collected in Cycle 5.

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.00	0.00	INTERSECTION	R	ROUTE 0233Z (CLASS A CAMPGROUND - CHISOS BASIN MAIN LOOP)
0.00	0.00	INTERSECTION	L	ROUTE 0233Z (CLASS A CAMPGROUND - CHISOS BASIN MAIN LOOP)
0.00	0.00	ONE-WAY START	N/A	N/A
0.17	0.17	ONE-WAY END	N/A	N/A
0.17	0.17	INTERSECTION	R	ROUTE 0233Z (CLASS A CAMPGROUND - CHISOS BASIN MAIN LOOP)
0.17	0.17	INTERSECTION	L	ROUTE 0233Z (CLASS A CAMPGROUND - CHISOS BASIN MAIN LOOP)

BIBE: Route Milepost Log

ROUTE 0233Z: CLASS A CAMPGROUND - CHISOS BASIN MAIN LOOP

Road logs are verified in Cycle 6 and mileposts for this route are matched to GPS collected in Cycle 5.

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.00	0.00	INTERSECTION	L	ROUTE 0206 (LOWER BASIN CAMPGROUND ROAD)
0.00	0.00	INTERSECTION	R	ROUTE 0206 (LOWER BASIN CAMPGROUND ROAD)
0.00	0.00	INTERSECTION	N/A	ROUTE 0923 (BASIN AMPHITHEATER PARKING)
0.02	0.02	INTERSECTION	L	ROUTE 0233AZ (CLASS A CAMPGROUND - CHISOS BASIN LOOP A)
0.07	0.07	INTERSECTION	L	ROUTE 0233AZ (CLASS A CAMPGROUND - CHISOS BASIN LOOP A)
0.10	0.10	INTERSECTION	L	ROUTE 0233BZ (CLASS A CAMPGROUND - CHISOS BASIN LOOP B)
0.13	0.13	INTERSECTION	L	ROUTE 0233BZ (CLASS A CAMPGROUND - CHISOS BASIN LOOP B)
0.25	0.25	INTERSECTION	L	ROUTE 0416 (LOWER BASIN LAGOON ROAD)
0.28	0.28	ONE-WAY START	N/A	N/A
0.28	0.28	INTERSECTION	L	ROUTE 0233Z (CLASS A CAMPGROUND - CHISOS BASIN MAIN LOOP)
0.34	0.34	ONE-WAY END	N/A	N/A
0.34	0.34	INTERSECTION	L	ROUTE 0233Z (CLASS A CAMPGROUND - CHISOS BASIN MAIN LOOP)
0.34	0.34	INTERSECTION	R	ROUTE 0233Z (CLASS A CAMPGROUND - CHISOS BASIN MAIN LOOP)

BIBE: Route Milepost Log

ROUTE 0234: BASIN GROUP CAMPGROUND ROAD

Road logs are verified in Cycle 6 and mileposts for this route are matched to GPS collected in Cycle 5.

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.00	0.00	INTERSECTION	R	ROUTE 0206 (LOWER BASIN CAMPGROUND ROAD)
0.00	0.00	INTERSECTION	L	ROUTE 0206 (LOWER BASIN CAMPGROUND ROAD)
0.18	0.18	INTERSECTION	L	ROUTE 0234 (BASIN GROUP CAMPGROUND ROAD)
0.18	0.18	ONE-WAY START	N/A	N/A
0.20	0.20	INTERSECTION	R	ROUTE 0234 (BASIN GROUP CAMPGROUND ROAD) CUT THROUGH
0.30	0.30	INTERSECTION	L	ROUTE 1026AZ (GROUP CAMPSITE PARKING A)
0.35	0.35	INTERSECTION	L	ROUTE 1026BZ (GROUP CAMPSITE PARKING B)
0.38	0.38	INTERSECTION	L	CUT THROUGH ROUTE 0234 (BASIN GROUP CAMPGROUND)
0.40	0.40	INTERSECTION	L	ROUTE 0234 (BASIN GROUP CAMPGROUND ROAD)
0.40	0.40	INTERSECTION	R	ROUTE 0234 (BASIN GROUP CAMPGROUND ROAD)
0.40	0.40	ONE-WAY END	N/A	N/A

BIBE: Route Milepost Log

ROUTE 0405AZ: HUISACHE DRIVE A

Road logs are verified in Cycle 6 and mileposts for this route are matched to GPS collected in Cycle 5.

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.00	0.00	INTERSECTION	R	ROUTE 0012 (RIO GRANDE ROAD)
0.00	0.00	INTERSECTION	L	ROUTE 0012 (RIO GRANDE ROAD)
0.34	0.34	INTERSECTION	L	ROUTE 0405BZ (HUISACHE DRIVE B)
0.37	0.37	INTERSECTION	R	ROUTE 0405AZ (HUISACHE DRIVE A)
0.45	0.45	INTERSECTION	R	ROUTE 0405AZ (HUISACHE DRIVE A)
0.45	0.45	INTERSECTION	L	ROUTE 0405AZ (HUISACHE DRIVE A)

ROUTE 0405BZ: HUISACHE DRIVE B

Road logs are verified in Cycle 6 and mileposts for this route are matched to GPS collected in Cycle 6.

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.00	0.00	INTERSECTION	R	ROUTE 0405AZ (HUISACHE DRIVE A)
0.00	0.00	INTERSECTION	L	ROUTE 0405AZ (HUISACHE DRIVE A)
0.06	0.06	INTERSECTION	N/A	DEAD END

BIBE: Route Milepost Log

ROUTE 0418: CHISOS BASIN RESIDENCE ROAD

Road logs are verified in Cycle 6 and mileposts for this route are matched to GPS collected in Cycle 6.

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.00	0.00	INTERSECTION	L	ROUTE 0920 (BASIN MOTEL PARKING)
0.00	0.00	INTERSECTION	R	ROUTE 0920 (BASIN MOTEL PARKING)
0.05	0.05	INTERSECTION	N/A	DEAD END AT WALL

ROUTE 0426: MESA DRIVE

Road logs are verified in Cycle 6 and mileposts for this route are matched to GPS collected in Cycle 4.

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.00	0.00	INTERSECTION	L	ROUTE 0015 (ROSS MAXWELL SCENIC DRIVE)
0.00	0.00	INTERSECTION	R	ROUTE 0015 (ROSS MAXWELL SCENIC DRIVE)
0.13	0.13	INTERSECTION	L	ROUTE 0427 (PALO VERDE DRIVE)
0.16	0.16	INTERSECTION	L	ROUTE 1016 (CERRO VISTA COURT)
0.47	0.47	INTERSECTION	N/A	ROUTE 0932 (CASTOLON MAINTENANCE PARKING)

ROUTE 0427: PALO VERDE DRIVE

Road logs are verified in Cycle 6 and mileposts for this route are matched to GPS collected in Cycle 6.

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.00	0.00	INTERSECTION	L	ROUTE 0426 (MESA DRIVE)
0.00	0.00	INTERSECTION	R	ROUTE 0426 (MESA DRIVE)
0.09	0.09	INTERSECTION	N/A	END OF PAVEMENT

BIBE: Route Milepost Log

ROUTE 0428: ALSATE AVENUE

Road logs are verified in Cycle 6 and mileposts for this route are matched to GPS collected in Cycle 4.

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.00	0.00	INTERSECTION	R	ROUTE 0012 (RIO GRANDE ROAD)
0.00	0.00	INTERSECTION	L	ROUTE 0012 (RIO GRANDE ROAD)
0.05	0.05	INTERSECTION	R	ROUTE 0938 (EMPLOYEE PARKING LOT - HQ BUILDING #310)
0.08	0.08	INTERSECTION	R	ROUTE 0938 (EMPLOYEE PARKING LOT - HQ BUILDING #310)
0.09	0.09	INTERSECTION	R	BIG BEND NATIONAL HISTORIC ASSOCIATION PARKING
0.27	0.27	INTERSECTION	R	ROUTE 0429 (BOBCAT LOOP)
0.35	0.35	INTERSECTION	R	ROUTE 0430 (JAVELINA DRIVE)
0.45	0.45	INTERSECTION	R	ROUTE 0429 (BOBCAT LOOP)
0.53	0.53	INTERSECTION	R	ROUTE 0433 (TECOLOTE DRIVE)
0.53	0.53	INTERSECTION	N/A	ROUTE 0939 (MAINTENANCE AREA PARKING LOT)

BIBE: Route Milepost Log

ROUTE 0429: BOBCAT LOOP

Road logs are verified in Cycle 6 and mileposts for this route are matched to GPS collected in Cycle 4.

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.00	0.00	INTERSECTION	L	ROUTE 0428 (ALSATE AVENUE)
0.00	0.00	INTERSECTION	R	ROUTE 0428 (ALSATE AVENUE)
0.21	0.21	INTERSECTION	R	ROUTE 0431 (QUAIL RUN ROAD)
0.24	0.24	INTERSECTION	L	ROUTE 0430 (JAVELINA DRIVE)
0.26	0.26	INTERSECTION	R	ROUTE 0432 (CHUPAROSA ROAD)
0.36	0.36	INTERSECTION	R	ROUTE 0436 (NOLINA DRIVE)
0.40	0.40	INTERSECTION	R	ROUTE 0443 (ESCUELA ROAD)
0.44	0.44	INTERSECTION	R	ROUTE 0428 (ALSATE AVENUE)
0.44	0.44	INTERSECTION	L	ROUTE 0428 (ALSATE AVENUE)

BIBE: Route Milepost Log

ROUTE 0430: JAVELINA DRIVE

Road logs are verified in Cycle 6 and mileposts for this route are matched to GPS collected in Cycle 4.

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.00	0.00	INTERSECTION	R	ROUTE 0428 (ALSATE AVENUE)
0.00	0.00	INTERSECTION	L	ROUTE 0428 (ALSATE AVENUE)
0.13	0.13	INTERSECTION	L	ROUTE 0429 (BOBCAT LOOP)
0.13	0.13	INTERSECTION	R	ROUTE 0429 (BOBCAT LOOP)

ROUTE 0431: QUAIL RUN

Road logs are verified in Cycle 6 and mileposts for this route are matched to GPS collected in Cycle 6.

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.00	0.00	INTERSECTION	L	ROUTE 0429 (BOBCAT LOOP)
0.00	0.00	INTERSECTION	R	ROUTE 0429 (BOBCAT LOOP)
0.02	0.02	INTERSECTION	N/A	DEAD END

ROUTE 0432: CHUPAROSA

Road logs are verified in Cycle 6 and mileposts for this route are matched to GPS collected in Cycle 6.

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.00	0.00	INTERSECTION	L	ROUTE 0429 (BOBCAT LOOP)
0.00	0.00	INTERSECTION	R	ROUTE 0429 (BOBCAT LOOP)
0.02	0.02	INTERSECTION	N/A	DEAD END

BIBE: Route Milepost Log

ROUTE 0433: TECOLOTE DRIVE

Road logs are verified in Cycle 6 and mileposts for this route are matched to GPS collected in Cycle 6.

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.00	0.00	INTERSECTION	L	ROUTE 0428 (ALSATE AVENUE)
0.00	0.00	INTERSECTION	R	ROUTE 0428 (ALSATE AVENUE)
0.04	0.04	INTERSECTION	L	ROUTE 1018 (EMERGENCY SERVICES PARKING AREA)
0.20	0.20	INTERSECTION	L	ROUTE 0434 (LA JUNTA CIRCLE)
0.24	0.24	INTERSECTION	L	TRAILS OFFICE (UNPAVED)
0.25	0.25	INTERSECTION	L	ROUTE 0435 (OCOTILLO LOOP)
0.26	0.26	INTERSECTION	L	ROUTE 0435 (OCOTILLO LOOP) SPUR
0.33	0.33	INTERSECTION	L	ROUTE 0435 (OCOTILLO LOOP)
0.35	0.35	INTERSECTION	R	ROUTE 0436 (NOLINA DRIVE)
0.35	0.35	INTERSECTION	L	ROUTE 0436 (NOLINA DRIVE)

BIBE: Route Milepost Log

ROUTE 0434: LA JUNTA CIRCLE

Road logs are verified in Cycle 6 and mileposts for this route are matched to GPS collected in Cycle 6.

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.00	0.00	INTERSECTION	N/A	ROUTE 0435 (OCOTILLO LOOP)
0.00	0.00	INTERSECTION	R	ROUTE 0435 (OCOTILLO LOOP)
0.05	0.05	INTERSECTION	L	ROUTE 0433 (TECOLOTE DRIVE)
0.05	0.05	INTERSECTION	R	ROUTE 0433 (TECOLOTE DRIVE)

ROUTE 0435: OCOTILLO LOOP

Road logs are verified in Cycle 6 and mileposts for this route are matched to GPS collected in Cycle 4.

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.00	0.00	INTERSECTION	L	ROUTE 0433 (TECOLOTE DRIVE)
0.00	0.00	INTERSECTION	R	ROUTE 0433 (TECOLOTE DRIVE)
0.01	0.01	INTERSECTION	R	ROUTE 0435 (OCOTILLO LOOP) SPUR
0.03	0.03	INTERSECTION	L	ROUTE 0434 (LA JUNTA CIRCLE)
0.13	0.13	INTERSECTION	L	ROUTE 0433 (TECOLOTE DRIVE)
0.13	0.13	INTERSECTION	R	ROUTE 0433 (TECOLOTE DRIVE)

BIBE: Route Milepost Log

ROUTE 0436: NOLINA DRIVE

Road logs are verified in Cycle 6 and mileposts for this route are matched to GPS collected in Cycle 4.

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.00	0.00	INTERSECTION	L	ROUTE 0429 (BOBCAT LOOP)
0.00	0.00	INTERSECTION	R	ROUTE 0429 (BOBCAT LOOP)
0.06	0.06	INTERSECTION	R	ROUTE 1022 (CHINO COURT PARKING)
0.10	0.10	INTERSECTION	R	ROUTE 1025 (MESQUITE STREET PARKING)
0.14	0.14	INTERSECTION	L	ROUTE 1023 (HOLLY LANE PARKING)
0.18	0.18	INTERSECTION	R	UNPAVED PARKING
0.21	0.21	INTERSECTION	L	ROUTE 1029 (PAISANO PLACE PARKING)
0.21	0.21	INTERSECTION	R	ROUTE 1024 (DESERT WILLOW STREET PARKING)
0.27	0.27	INTERSECTION	R	ROUTE 0440 (PANTHER CANYON DRIVE)
0.35	0.35	INTERSECTION	L	ROUTE 0433 (TECOLOTE DRIVE)
0.36	0.36	INTERSECTION	N/A	UNPAVED ROAD

BIBE: Route Milepost Log

ROUTE 0440: PANTHER CANYON DRIVE

Road logs are verified in Cycle 6 and mileposts for this route are matched to GPS collected in Cycle 4.

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.00	0.00	INTERSECTION	R	ROUTE 0436 (NOLINA DRIVE)
0.00	0.00	INTERSECTION	L	ROUTE 0436 (NOLINA DRIVE)
0.14	0.14	INTERSECTION	L	ROUTE 0440 (PANTHER CANYON DRIVE)
0.18	0.18	INTERSECTION	L	ROUTE 0440 (PANTHER CANYON DRIVE)
0.18	0.18	INTERSECTION	N/A	ROUTE 0440 (PANTHER CANYON DRIVE)

ROUTE 0443: ESCUELA ROAD

Road logs are verified in Cycle 6 and mileposts for this route are matched to GPS collected in Cycle 6.

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.00	0.00	INTERSECTION	L	ROUTE 0429 (BOBCAT LOOP)
0.00	0.00	INTERSECTION	R	ROUTE 0429 (BOBCAT LOOP)
0.06	0.06	INTERSECTION	N/A	ROUTE 0937 (ESCUELA VISTA PARKING LOT)

ROUTE 0444: PJ SEWAGE TREATMENT PLANT ROAD

Road logs are verified in Cycle 6 and mileposts for this route are matched to GPS collected in Cycle 5.

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.00	0.00	INTERSECTION	L	ROUTE 0012 (RIO GRANDE ROAD)
0.00	0.00	INTERSECTION	R	ROUTE 0012 (RIO GRANDE ROAD)
0.09	0.09	INTERSECTION	L	UNPAVED ROUTE
0.12	0.12	INTERSECTION	N/A	ROUTE 1020 (PJ SEWAGE TREATMENT PLANT PARKING)

Section 8
Appendix

Big Bend National Park

Federal Lands Highway
Road Inventory Program

Improvements to the RIP Index Equations and Determination of PCR

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

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

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

Additionally, methodologies were updated in 2013 for Manually Rated Routes (paved routes that the collection vehicle is unable to drive) as well as Parking Areas to provide more accurate condition data to the HPMA. These updated methodologies allow for the efficient assessment of pavement conditions using a visual inspection method to denote specific distresses. These distresses are indicative of current conditions, the causes for current and future deterioration, and identify the level of targeted repair and rehabilitation practices required.

The changes that were implemented were endorsed by management at both the FHWA and NPS. In order to show the effectiveness of these changes, several sites were ground truth tested in early 2014 to ensure that an improvement was achieved between the relationship of PCR and the actual Maintenance and Rehabilitation needs that were represented. The changes will allow greater use of RIP and HPMA data for not simply condition data reporting, but also as a reliable tool for project identification and selection.

Description of the Rating System

The Federal Highway Administration, National Park Service Road Inventory Program (NPS-RIP), collects roadway condition data on paved surfaces (asphalt, concrete, brick, and cobblestone) on roads, parkways, and parking areas in national parks nationwide. The road surface condition data is collected using an automated Data Collection Vehicle (DCV) and manually using Manually Rated Route (MRR) procedures. Roads having brick or cobblestone surfacing are not normally surveyed with the DCV, but are manually rated for condition rating.

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

With the use of quality digital photography and automated crack detection software, FHWA RIP is tasked with executing a pavement condition assessment on a network of roughly 5,700 miles of National Park Service roads and parkways. Because a subset of roads will be collected multiple times this cycle, the total collection length will be around 13,000 miles. Foremost in setting up the basis of pavement distress identification is employing the distress identification protocols used by FHWA. There is no single distress identification system that is universal among entities conducting a program of distress identification. For the purpose of the NPS RIP, FHWA employs distress identification protocols that are specific to this program.

FHWA has referenced the "*Distress Identification Manual for the Long-Term Pavement Performance Program", Publication No. FHWA-RD 03-031, June 2003,* as the point-of- reference for distress types on NPS pavement. In truth, the FHWA RIP distress types are similar to those described in the LTPP manual with some modifications. This document, "*Distress Identification Manual for the NPS Road Inventory Program, Cycle 6, 2014-2020"* was developed using the "*Distress Identification Manual for the Long-Term Pavement Performance Program"* as a guideline. Definitions of severity levels based on crack width contained in this document adhere to the LTPP Distress ID Manual. Modifications have been made to the definition of Alligator and Longitudinal Cracking and determination of Alligator Cracking severity. This manual also addresses Rutting and Roughness and its application to RIP.

Cycle 6 has launched in the spring of 2014 and will again comprise all parks, large and small, that are served by paved roads and/or parking areas. For Cycle 6, roughly 333 large and small parks will have all paved routes and parking areas collected at least once in the cycle, some will have multiple collections depending on the size of the park and the functional class of the route.

This "*Distress Identification Manual for the NPS Road Inventory Program, Cycle 6, 2014-2020*" will be used as a reference resource in crack detection and classification, determination of distress severity and extent, and in the calculation of distress index values for the FHWA RIP Cycle 6.

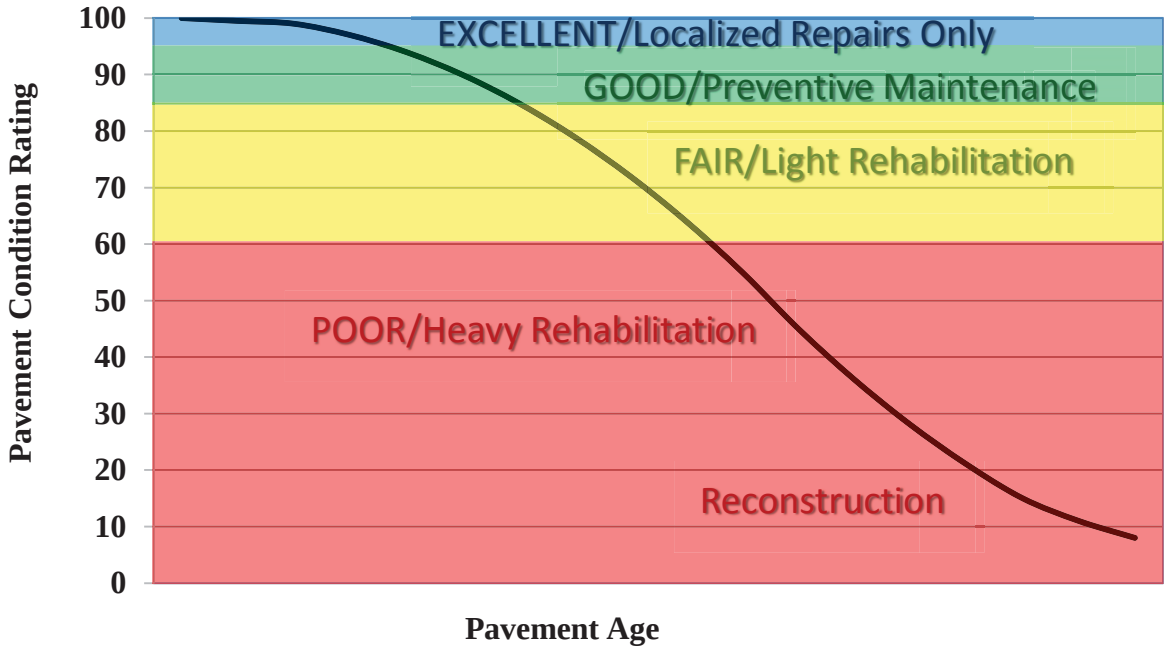
Explanation of the Condition Descriptions

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

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

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

Condition Categories and Treatments



Description of Pavement Treatment Types

1. **Preventive Maintenance** is a planned strategy of cost-effective treatments to an existing roadway system and its appurtenances that preserves the system, retards future deterioration, and maintains or improves the functional condition of the system (without significantly increasing the structural capacity). Preventive maintenance is typically applied to pavements in good condition having significant remaining service life. As a major component of pavement preservation, preventive maintenance is a strategy of extending the service life by applying cost-effective treatments to the surface or near-surface of structurally sound pavements. Examples of preventive treatments include asphalt crack sealing, chip sealing, slurry or micro-surfacing, thin and ultra-thin hot-mix asphalt overlay, concrete joint sealing, diamond grinding, dowel-bar retrofit, and isolated, partial and/or full-depth concrete repairs to restore functionality of individual slabs.

2. Pavement Rehabilitation consists of structural enhancements that extend the service life of an existing pavement and/or improve its load carrying capacity. Rehabilitation techniques include restoration treatments and structural overlays. Rehabilitation projects extend the life of existing pavement structures either by restoring existing structural capacity through the elimination of age-related, environmental cracking of embrittled pavement surface or by increasing pavement thickness to strengthen existing pavement sections to accommodate existing or projected traffic loading conditions. Two sub-categories result from these distinctions, which are directly related to the restoration or increase of structural capacity.

    - **Light Rehabilitation (L3R)** - Examples include single-lift overlays up to 2.5 inches in total thickness and milling and overlays for flexible pavements

    - **Heavy Rehabilitation (H3R)** – Requires rehabilitation with grade improvement. H3R stands for resurfacing, restoration, and rehabilitation projects. H3R projects typically involve multi-depth (overlays greater than 2.5 inches) pavement improvement work (short of full-depth replacement) and targeted safety improvements. H3R projects generally involve retention of the existing three-dimensional alignment.

3. **Reconstruction (4R)** is defined as the replacement of the entire existing pavement structure by the placement of the equivalent or increased pavement structure. Reconstruction usually requires the complete removal and replacement of the existing pavement structure. Reconstruction may utilize either new or recycled materials incorporated into the materials used for the reconstruction of the complete pavement section. Reconstruction is required when a pavement has either failed or has become functionally obsolete.

Appendix A

Methodology for Determining Condition Ratings with the Data Collection Vehicle (DCV)

Surface Distresses Identified by the Data Collection Vehicle

Surface Condition Rating – SCR

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

Surface distresses and rutting are determined from digital images that provide both the longitudinal and transverse profile. The images also provide an elevation profile of the road, creating a 3-dimensional image of the paved surface.

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

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

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

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

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

Roughness Condition Index - RCI

Additional condition data measured by DCV (lasers and accelerometers)

- Roughness (IRI)

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

Pavement Condition Rating - PCR

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

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

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

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

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

POOR = (less than or equal to 60), **FAIR**= (61 – 84), GOOD= (85 - 94), **EXCELLENT**= (95 - 100)

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

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

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

ASPHALT-SURFACED PAVEMENT DISTRESS TYPES WITH RUTTING AND ROUGHNESS				
Distress Type	**Units Of Measure**	**Converted To**	**Defined Severity Levels?**	**Measured By**
Alligator Cracking	Square Feet	Percent of Lane Per 0.02 Mile	Yes	3 Dimensional pavement imaging system
Transverse Cracking	Linear feet	Number of Cracks Per 0.02 Mile	Yes	3 Dimensional pavement imaging system
Longitudinal Cracking	Linear feet	Percent of Lane Length Per 0.02 Mile	Yes	3 Dimensional pavement imaging system
Patching / Potholes	Square Feet	Percent of Lane Per 0.02 Mile	No	3 Dimensional pavement imaging system
Rutting	Inches	Rut Depth Per 0.02 Mile	Yes	3 Dimensional pavement imaging system
Roughness	IRI	*RCI Per 0.02 Mile	No	DCV – Lasers / Accelerometers

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

Table 1. Distress summary

Alligator Cracking

Description:

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

Severity Levels:

LOW
An area with little to no interconnecting cracks with no visible spalling. Cracks are less than or equal to a mean width of 0.25 in. (6mm). Cracks in the pattern are no further apart than 1 foot (0.328 m). May be sealed cracks with sealant in good condition and a crack width that cannot be determined.

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

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

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

ALLIGATOR CRACKING SEVERITY LEVELS				
	CRACK SEVERITY	**CRACK PATTERN**		
		LOW	**MED**	**HIGH**
CRACK WIDTH	LOW	LOW	MED	HIGH
	MED	MED	MED	HIGH
	HIGH	HIGH	HIGH	HIGH

Table 2. Alligator Crack Severity Levels

Longitudinal Cracking

Description:

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

Severity Levels:

LOW
Cracks with a mean width less than or equal to 0.25 in. (6 mm). This also includes sealed cracks with sealant in good condition and a width that cannot be determined.

MEDIUM
Cracks with a mean width greater than 0.25 in. (6 mm) but less than 0.75 in. (19 mm). Also, any crack with a mean width less than 0.75 in. (19 mm) and adjacent random low severity cracking.

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

Transverse Cracking

Description:

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

Severity Levels:

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

MEDIUM
Cracks with a mean width greater 0.25 in. (6 mm) and less than or equal to 0.75 in. (19 mm). Also, any crack with a mean width less than 0.75 in. (19 mm) and adjacent random low severity cracking.

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

Patching and Potholes

Description:

Patching is an area of pavement surface that has been removed and replaced with patching material or an area of pavement surface that has had additional patching material applied. Patching may encompass partial lane or full lane width. On full lane width patching; the total, contiguous length of patch may not exceed 0.100 mi. (0.161 km). (Any full-lane patch exceeding 0.100 mi. in length is considered a pavement change). Patching must have a quantifiable area.

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

Manhole covers should not be rated as patches unless there is obvious patching around the manhole.

Speed bumps should not be rated as patches

Severity Levels:

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

RUTTING

Description:

Rutting is a longitudinal surface depression in the wheelpath.

Severity Levels:

LOW

Ruts with a measured depth of 0.20 inches to 0.49 inches
Ruts less than 0.20 in. are not included in the distress calculations.

MEDIUM

Ruts with a measured depth of 0.50 inches to 0.99 inches

HIGH

Ruts with a measured depth greater than 1.00 inch

ROUGHNESS

Description:

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

Severity Levels:

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

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

Table 3. International Roughness Index

Roughness Collection Parameters

On shorter roads with a lower speed limit the usefulness in collecting and reporting IRI is negligible. Lower, inconsistent speeds can lead to a less accurate IRI value. Therefore RIP has put in place the following protocols for reporting IRI.

International Roughness Index (IRI) is not reported on routes with the following criteria:

- Posted speed limit is less than 25 mph
- Length of route is less than 0.50 miles

When a collected route has a posted speed limit of at least 25 mph and length of at least 0.50 miles, IRI will be collected except on road sections where the speed is less than 20 mph

Other situations may arise where the speed and length factors are met, but reporting IRI could lead to an inaccurate PCR. RIP will determine whether or not it is reasonable to report IRI on these routes on a case by case basis.

Index Formulas

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

Alligator Crack Index

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

Where:

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

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

Percent of total area is computed as:

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

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

Longitudinal Crack Index

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

Where:

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

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

Percent of interval length is computed as:

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

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

Structural Crack Index

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

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

Transverse Crack Index

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

Where:

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

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

Number of cracks is computed as:

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

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

Patching Index

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

Where:

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

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

Percent of total area is computed as:

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

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

There are no severity levels for patching. It either exists or does not. In PATCH_INDEX, the denominator 80 is the Maximum Allowable Extent (MAE) for each severity. In other words, we will allow up to 80% patching for a 0.02 interval before failure. As you can see, if patching/potholes reaches MAE the resulting index value is 60, or failure.

Rutting Index

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

Where:

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

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

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

$$\frac{\textbf{(total number of ruts within each severity in both wheelpaths)}}{\textbf{20}} \times \textbf{100}$$

In RUT_INDEX, the denominators 535, 205, and 40 are the Maximum Allowable Extents for each severity; Low, Medium, and High, respectively. Only the MAE for high severity rutting can fail a section, since 200% of *only* low severity ruts would yield a rut index of 85 and 200% of *only* medium severity ruts would yield a rut index of 61.

Roughness Condition Index (Asphalt)

RCI = $32 * [5 * (2.718282^{(-.0041 * \text{AVG IRI})})]$

Where:

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

Average IRI is computed as:

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

There is no applicable threshold for failure for this index.

Roughness Condition Index (Concrete)

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

For concrete, PCR = RCI

Surface Condition Rating Index

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

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

Where:

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

The threshold for failure for this index is SCR = 60.Data Collection Vehicle Subsystems

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

Cameras

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

Two forward-facing cameras are mounted above the vehicle cab, one pointed straight ahead and the other to the right shoulder providing seamless roughly 120 degree viewing. A third camera is mounted in the rear of the vehicle, recording the left shoulder.

CAMERA SPECIFICATIONS TWO FORWARD / ONE REAR FACING CAMERA	
Camera lens/type	Prosilica GT 2750 (GigE Technology)
Image format	*.jpg
Image resolution	2750 x 2200, 18 frames/second
Image pixel size	depends on distance
Zoom ratio	16mm Fixed
Iris range	Aperture Range F 1.8 – Infinity (P-Iris, Automatic

Pavement Imaging and Rutting

High resolution rutting data and surface imaging are collected in a single data stream using a three-dimensional (3D) pavement surface transverse profile data acquisition system. The 3D camera captures a laser line as it is projected over the pavement surface and uses the location of this line to measure the height deviations of the pavement surface. These height deviations can be used to calculate rutting in both wheelpaths. These deviations also provide a grayscale image detailing the change in height throughout the surface, i.e. providing depth measurements for cracking.

THREE-DIMENSIONAL PAVEMENT SURFACE AND TRANSVERSE PROFILE DATA ACQUISITION SYSTEM	
Surface Image Specifications	
Image size	1536 pixels/scan @3000 Hz
Image width	4 meters (3950 mm nominal)
Laser class	3B
Power	16W (Two lasers @ 8W Ea)
Vehicle speed limitations	62 mph
Environment	Dry pavement, day or night
Sensor size (approximate)	1536 pixels x 512 pixels
Image display length	26.4 feet
Rutting Specifications	
Reported rut depth units	Inches
Vehicle speed limitations	Up to 62 mph
Sampling rate	3000 profiles/second
Transverse resolution	1536 points/profile
Transverse field-of-view	14 feet
Depth accuracy (nominal)	<1mm
Environment	Dry pavement, day or night, above 32 degrees F
Adherence to specifications	ASTM E1703M-95 (reapproved 2005)

Distance Measuring Instrument (DMI)

The DMI (Distance Measuring Instrument) obtains road length measurements that are accurate to 0.15% for speeds up to 60 mph. The DMI is connected to the hub of the rear wheel on the driver's side, and is calibrated to the revolutions of the rear vehicle axle on a regular basis.

Roughness (IRI)

IRI SPECIFICATIONS	
Reported IRI units	Inches/mile
Vehicle speed limitations	12-62 mph
IRI equipment certification	Texas Transportation Institute (TTI)
Wavelengths accommodated	0.5 feet to 300 feet
IRI computed & reported	World Bank Technical Paper Number 46
Environment	Dry pavement, day or night, above 32 degrees
Adherence to specifications	ASTM E950 Class 1 & AASHTO M 328

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

GPS & Inertial Systems

GPS is collected by an onboard system employing Omnistar real time correction and a spinning gyroscope to provide accurate positioning data in instances of satellite obstruction. All GPS coordinates are tied to an image and linear distance measurements.

GPS SPECIFICATIONS	
Static accuracy	Sub-meter
Dynamic accuracy	2-3 meters
Receiver	12 satellite tracking
Coordinate system	Lat Lon WGS 84
Environment	Day or night
Cross-slope	± 1.75%
Grade	± 1.75%
Adherence to specifications	ASTM E1703M-95 (reapproved 2005)

*NOTE – GPS accuracy is dependent on many different factors. Satellite constellation, tree coverage, GPS receiver quality, and real-time correction availability can all affect the locational and elevation accuracies. The elevation (z coordinate) accuracy is less dependable than locational or horizontal accuracy (x/y coordinates or latitude/longitude). In areas of heavy tree coverage or poor satellite constellations, elevation data can vary by as much as +/- 100 feet.

Appendix B

Methodology for Determining Condition Ratings Using Manual Rating Procedures

Description of Manual Rating Methods

In 2013, the Federal Highway Administration updated existing Manual Rating Procedures in an effort to better align pavement conditions for Manually Rated Routes and Parking with the Highway Pavement Management Application (HPMA). HPMA is the Pavement Management System used by the FHWA to store inventory and condition data from the Road Inventory Program (RIP) and forecast future performance using prediction models. HPMA uses pavement condition data (collected by the Road Inventory Program) to develop life cycles for pavements and recommend treatments to maximize useable pavement life while minimizing costs associated with maintenance and repair.

The Federal Highway Administration (FHWA) developed a set of manual rating methods for pavement that are appropriate for Federal Roadways. Two different methods were developed for linear roads and a separate method was developed for parking areas and nonlinear roads. These methods employ a 0 to 100 rating scale and improve consistency and objectivity in the manual evaluation of surface distresses. They are compatible with ratings that are collected by the automated Data Collection Vehicle (DCV).

- The first of the two manual evaluation methods for roads uses rating criteria to assign index values to each distress type based on a visual evaluation of severity and extent.

- The second manual evaluation method for roads is very time demanding and is best employed on only a select set of routes which may have the highest visitor use and require a more intensive assessment. This method will be used for the Manual Rating of Function Class 1, 2, 7, and 8 Roads. This method is based on measurements that are recorded for each instance of a surface distress. These measurements are converted into index values using conversion formulas.

- Parking areas and non-linear roads are rated similar to the first method shown above, however, there are some slight differences due to the non-linear nature.

The details and criteria used for each of these rating methods are outlined below.

Visual Inspection Method for Manually Rating Secondary Roads

The visual inspection method for manually rated roads uses condition rating criteria that have been developed by FHWA. This criteria is based on a visual evaluation of the severity and extent of distresses to determine the overall condition of the roadway. This method is used for secondary roads that are Functional Class 3, 4, 5, and 6. This constitutes the majority of manually rated roads collected by the Road Inventory Program.

Rating Section Lengths

For this method, Manually Rated Roads are rated in sections. These sections may be made based on length of changes in surface type or condition as described below. The ratings are then aggregated to give an overall rating for the Route:

- Rating sections should be no longer than 0.25 miles in order to keep the area being rated manageable.
- A new rating section may be started based on changes in condition, width, or surface type if these changes represent a significant portion of the route (are not isolated instances).
- If the road condition, width, and surface type remain constant then new sections do not need to be created unless the road exceeds 0.25 miles.

Rating Criteria

For this method, Manually Rated Roads are evaluated using a visual inspection of the six distress types listed below. Each distress is assigned one of five index values. An overall Surface Condition Rating (SCR) and Pavement Condition Rating (PCR) are calculated based on these index values.

- Alligator Cracking
    - Rating based on percentage of road surface affected
- Longitudinal Cracking
    - Rating based on severity level (crack width) and percentage of road section length of longitudinal cracks
- Transverse Cracking
    - Rating based on crack width, crack spacing, and percentage of surface affected
- Patching
    - Rating based on percentage of road surface affected
- Rutting
    - Rating based on percentage of road section length affected by visible rutting (>1 inch depth) that requires remediation
- Roughness
    - Manual assessments of roughness are not made due to the subjectivity of the measurement. Therefore, roughness is not incorporated into the PCR calculation of manually rated roads.

Concrete Routes also receive a PCR rating based on visual evaluation of the following six distress types.

- Slab Faulting at Joints
- Slab Cracking and breakup
- Surface Delamination and Pop-outs
- Joint Distresses
- Patching

Distress Measurement Method for Manually Rating Primary Roads

A more intensive and time demanding assessment than our standard method was developed for Primary roads that are functional class 1, 2, 7, or 8. These high visitation roads are usually accessible by the automated Data Collection Vehicle but in rare instances may need to be manually rated. The method developed is based on measuring each instance of a distress. These measurements are totaled over each section length being measured and are then converted into index values between 0 and 100 (100 being a road with no distress) using index formula equations outlined below. The goal of this method is to produce measured index values which are directly comparable to the automated DCV.

Rating Section Lengths

For the distress measurement method roads are broken into sections in order to rate. Distress measurements are totaled for each section separately in order to determine the index value for that particular section. The section length to be rated is determined based on the following rules:

- Rating sections are between 0.25 and 0.50 miles long
- A new rating section is created if there is a significant change in condition or pavement width
- If there are no significant changes in condition or pavement width, rating sections are broken at equal intervals, typically 0.50 miles

Manual Distress Measurements

Alligator Cracking

- Alligator cracking is measured by area (square feet). Instances of Alligator cracking are measured along the length and multiplied by the average width of the distressed area.
- The index for alligator cracking takes the total area of cracking compared to the interval length and converts it to a percentage. That percentage is then input into an index formula that yields a value between 0 and 100 (0 being the most distressed).
- Severity levels are not defined for manually measured Alligator cracks. The Alligator Crack Index formula is calculated based on an assumption of medium severity.

Longitudinal Cracking

- Longitudinal cracking (cracking in the direction parallel to the roadway) is measured by length (ft.).
- The index for longitudinal cracking takes the total length of cracking compared to the interval length and converts it to a percentage broken down by severity. That percentage is then input into a formula that yields a value between 0 and 100 (0 being the most distressed).
- Two severity levels are defined for manually measured Longitudinal Cracks. Lower severity cracks are those with a mean width of less than 0.25 inches. Sealed cracks with sealant in good condition are also considered lower severity. Higher severity cracks are those with a mean width of greater than 0.25 inches.

Transverse Cracking

- Transverse cracking (cracking in the direction perpendicular to the roadway) is measured by length (ft).
- The index for transverse cracking takes the total number of cracks (1 crack would encompass the full lane) broken down by severity. The total numbers of each severity are then put into a formula that yields a value between 0 and 100 (0 being the most distressed).
- Two severity levels are defined for manually measured Transverse Cracks. Lower severity cracks are those with a mean width of less than or equal to 0.25 inches. Sealed cracks with sealant in

good condition are also considered lower severity. Higher severity cracks are those with a mean width of greater than 0.25 inches.

Patching and Potholes

- Patching and Potholes are measured by area (square feet). Instances of Patching are measured along the length and multiplied by the average width of the patch.
- Instances of full lane width patching cannot be longer than 0.100 miles, otherwise is should be considered a pavement change rather than a distress.
- There are no stratified severities for Patching. It is either present or it is not.

Rutting

- Visible rutting is measured by length (ft.) in each wheel path. Only visible ruts are rated, which are ruts greater than 1 inch deep.
- All rutting recorded in a manual rating is considered to be high severity (> 1 inch). Lesser severities are generally not distinguishable in a visual inspection.

Roughness

- Manual assessments of roughness are not made due to the subjectivity of the measurement. Therefore, roughness is not incorporated into the PCR calculation of manually rated roads.

Index Formulas for Distress Measurement Method:

The method used to convert distress measurements into index values is shown below. The Surface Condition Rating and Pavement Condition Rating are calculated based on these index values.

Alligator Crack Index for Manual Rating:

AC_INDEX = 100 – 40 * (%ALLIGATOR / 15)

Where:

%ALLIGATOR = Percent of total area of section being rated that contains Alligator cracking.

Longitudinal Crack Index for Manual Rating:

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

Where:

%LOW = Percent length of longitudinal cracks where crack width less than or equal to 0.25 inches

%HIGH = Percent length of longitudinal cracks where crack width greater than 0.25 inches

Transverse Crack Index for Manual Rating:

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

Where:

LOW = Count of the total number of transverse cracks within the section length where one transverse crack is equal to the lane width and the crack width <= 0.25 inches

HIGH = Count of the total number of transverse cracks within the section length where one transverse crack is equal to the lane width and the crack width > 0.25 inches

Number of cracks is computed as:

Total length of transverse cracks/Lane width

Patching Index for Manual Rating:

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

Where:

%PATCHING = Percentage of pavement section that contains patching/potholes.

Rutting Index for Manual Rating:

RUT_INDEX = 100 – 40 * (%RUTTING / 40)

Where:

%RUTTING = Percentage length of high severity rutting within the section being measured.

Method for Manually Rating Paved Parking Areas and Non-Linear Roads

Parking areas are evaluated based on a visual inspection using condition rating criteria that has been developed by FHWA. This criteria is based on a visual evaluation of the severity and extent of distresses to determine the overall condition of the parking area. This overall condition rating is linked to the level of repair and rehabilitation practices required.

A distress index is determined for each of the distresses listed below for Asphalt and Concrete Parking areas. The overall Pavement Condition Rating (PCR) of the parking lot is driven by the most severe distress present.

Rating Criteria:

Asphalt Parking Distress Types

- Alligator Cracking
  - Rating based on percentage of road surface affected
- Longitudinal, Transverse and Block cracking
  - Rating based on crack width, crack spacing, and percentage of surface affected
- Rutting and Distortions
  - Rating based on percentage of road surface affected
- Hot Mix Asphalt Patches
  - Rating based on overall percentage of HMA patches
- Potholes and Cold Patches
  - Rating based on percentage of road surface affected
- Surface Raveling and Bleeding
  - Rating based on percentage of road surface affected

Concrete Parking Distress Types

- Slab Faulting at Joints
  - Rating based on height differential between adjacent slabs or pieces of broken slabs
- Slab Cracking and breakup
  - Rating based on quantity of cracks and if slab is acting to able distribute load as designed
- Surface Delamination and Pop-outs
  - Rating based on percentage of road surface affected to include pop-outs, spalls and surface delamination
- Joint Distresses
  - Rating based on sealant condition and concrete distresses at/or adjacent to joints
- Patching
  - Rating based on percentage of road surface affected

Curb Inspection and Treatments

During inspections of manually rated parking lots and routes, the curb reveal and overall curb condition are evaluated. The curb condition is used to determine a recommendation.

Curb Reveal
The vertical distance on the curb face from the gutter flow line or pavement surface to the top of curb. When resurfacing adjacent to curb, the resulting curb reveal should be no less than 4 inches. Additionally, when resurfacing adjacent to a gutter, the resulting pavement surface should be flush with the gutter pan. In cases where a resurfacing would violate either of these parameters, the surface may need to be milled or removed to adjust to these field conditions.

Curb Recommendations
The following treatment categories are based on the overall percentage of distresses along the entire curb structure for a specific pavement structure. Distresses include spalling, cracking, loss of material and any other damage which prevents the curb from conveying storm runoff or failing to perform in its intended function.

- Overall curb damage ranging 0%-5%:
    - DO NOTHING
- Overall curb damage ranging 5%-20%
    - LIGHT REPAIR
- Overall curb damage ranging 20%-50%
    - MODERATE REPAIR
- Overall curb damage greater than 50%:
    - REPLACE

GPS for Manually Rated Roads and Parking

GPS information for Manually Collected Cycle 6 Routes will be recorded using the latest hardware and software by TRIMBLE 6000 Series GeoXT. Cycle 6 GPS collection units will allow access to GPS and GLONASS, improving overall GPS reliability, accuracy and precision to submeter accuracy. Additionally, the new GPS units have an enhanced ability to collect accurate signals underneath tree cover or adjacent to buildings or natural terrain with extreme vertical gradations that typically reduce GPS accuracy. Trees and buildings create "satellite shadows", limiting the areas where you can reliably collect high-accuracy GPS data. The updated GPS receiver will deliver improved usable data under tree canopy or in natural or urban canyons. Routes that were previously collected accurately will not be recollected in Cycle 6.

TRIMBLE 6000 SERIES GeoXT GPS SPECIFICATIONS	
Receiver	Trimble Maxwell™ 6 GNSS chipset
Channels	220 channels
Systems	GPS / GLONASS / WAAS
Accuracy	Sub-meter
Operation Temperature	–20 °C to +60 °C (–4 ºF to +140 ºF)
Cellular and Wireless	UMTS / HSDPA / GPRS / EDGE / Wi-Fi / Bluetooth
Internal Still Camera w/ GEOTAG ability	Autofocus 5 MP (JPG) and WMV w/ Audio

Appendix C

Description of Cycle 6 Deliverables

Interim Report Delivery

Partial report will be primarily focused on manually collected routes. The report will be released approximately four months after manual collection of parking lots and other manually collected routes to provide NPS an immediate report on the condition of routes collected manually.

The Interim Report Delivery consists of an Interim Report PDF that contains the following:

- Parking lot and manually rated route conditions
- Route ID Reports
- Route ID Changes Report.

Please note that since the Data Collection Vehicle will have not collected data at this point in time, the following will not be in the Interim Report:

- No park summary information will be provided in the report
- No DCV data will be provided in report
- No road logs will be provided in report
- No maps will be provided in report
- Any mileages collected will be approximate

All data provided in the Interim Report will also be included in the Final Report.

Final Report Delivery

The Final Report will contain all data collected by Manual Inspection and the Data Collection Vehicle. All information provided in the Interim Report will be included in the Final report. Manually collected information reported in the Interim Report may be updated in the Final Report if pavement conditions have substantially changed between the Manual Inspection and Data Collection Vehicle Inspection or other unforeseen circumstances.

The final report will be released approximately 8 months after the Data Collection Vehicle completes its collection of that specific park.

Data included in the Final Report package consists of the following:

- **Condition Photos:** All photos taken during Cycle 6.
- **Data Video:** Data and video of each route collected by the DCV will viewable through PATHVIEW software. PATHVIEW Software and training will be provided to NPS personnel by Eastern Federal Lands.
- **GPS on All Rated Routes:** All GPS data collected from the DCV will be provided. Parking areas, some roads, and other paved areas that are not fully drivable with the DCV are collected manually by field technicians. GPS is collected for these routes using portable Trimble GPS units.
    - GPS will be provided as Shapefiles and KMLs
    - All GPS data related to road collection with be linear referenced to the collected length
- **Geodatabase – Background and Metadata:** In addition to this park report, a geodatabase containing both tabular and spatial data specific to this park has been provided.
    - All data disseminated in the preceding report has been obtained from the tables and fields within said geodatabase. The geodatabase can be referenced for tabular data via Microsoft Access or for both tabular and spatial data via ESRI's ArcGIS Suite of software which consists of; ArcMap, ArcCatalog and ArcExplorer.
    - Consolidating the RIP data into one database creates a seamless relationship of tables and geographic data. It allows RIP to facilitate easier updates and enhancements in the future. A geodatabase can be thought of as simply a database containing spatial data. A complete and thorough description of the tables and fields contained within this geodatabase can be found in the metadata. The metadata is attached directly within the geodatabase and can be accessed via ESRI's ArcCatalog.
- **Report (RIP Report and Route ID):** A PDF report will be provided that includes a list of all routes and key data. Condition reports for each route will be included. All changes, additions and deletions to any route will be included in the report. Features along routes will not be collected in Cycle 6.

Partial DCV Collections

Additional Partial DCV Collections may be done on specific parks depending on their size and overall mileage of routes within its boundaries during Cycle 6. Parks with greater than 10 miles of paved roadways will receive at least one additional Partial DCV collection during Cycle 6. Data collected during these Partial DCV Collections will not result in the delivery of an additional report to the park.

Data collected by the DCV during Partial DCV Collection will be used to improve HPMA modeling by providing additional "snapshots in time" of park pavement conditions. This improved HMPA modeling will assist in the programing and budgeting of future projects which will help maximize the life of pavement infrastructures.

Instead of receiving a report of conditions collected during the Partial DCV collection, the park will receive a formal letter from the Road Inventory Program requesting coordination for the additional Partial DCV collection, identifying the dates of the Partial DCV Collection and will reinforce the purpose and importance of the Partial DCV Collection.

Appendix D

Glossary of Terms and Abbreviations

Glossary of Terms and Abbreviations

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