

DEVA Cycle 6

Final Report

Road Inventory and Condition Assessment of Paved Routes Death Valley National Park



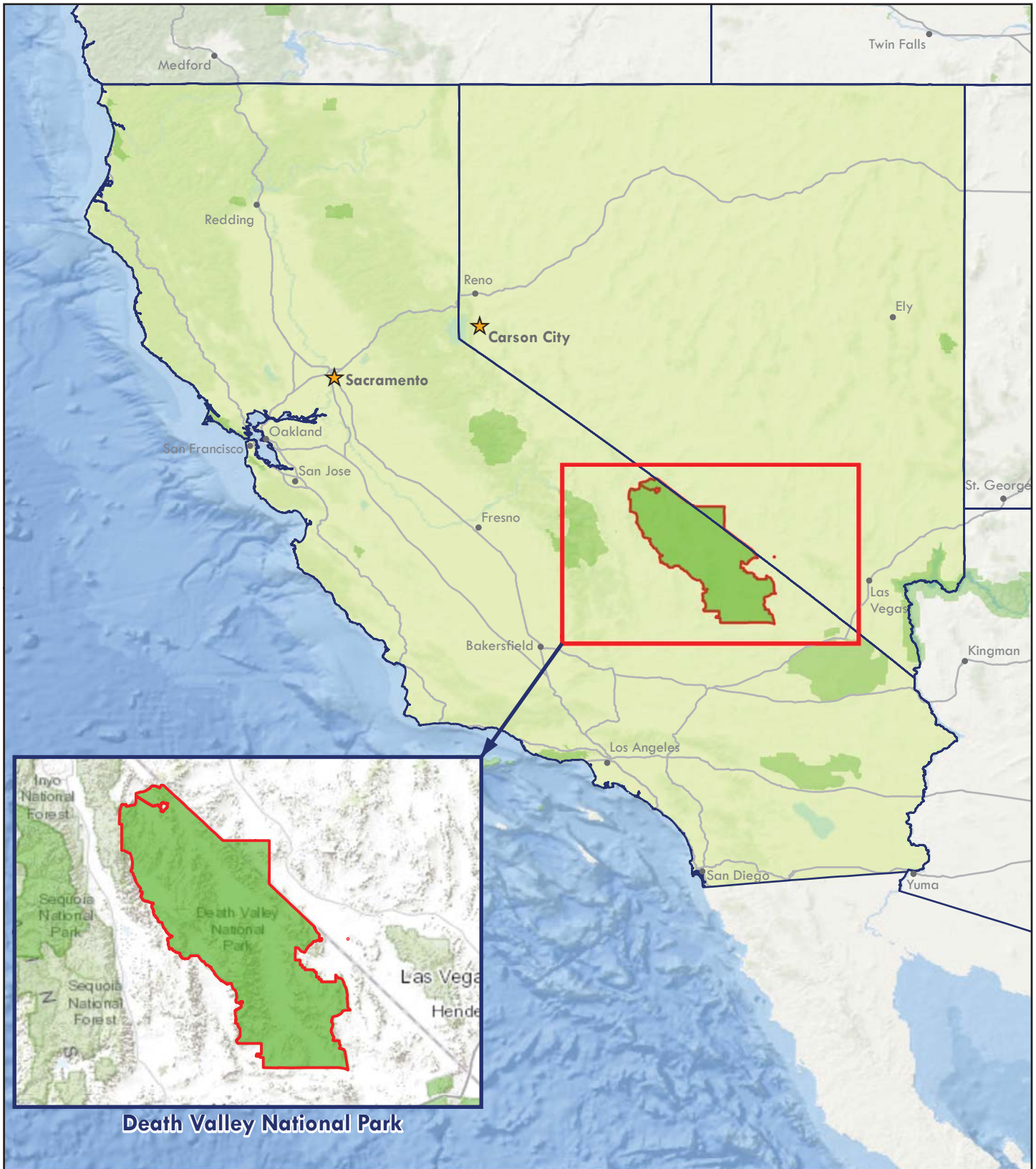
**Federal Lands Highway
Road Inventory Program**

Prepared By:

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

Report Date: December 2015

Death Valley National Park in California and Nevada



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Section 1 Introduction



Death Valley 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



Death Valley National Park



**Federal Lands Highway
Road Inventory Program**

Cycle 6 NPS / RIP Route ID Report

(Numerical By Summary Route and Subcomponent #)



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
 MRL = Manually Rated Line
 MRP = Manually Rated Polygon
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 NC = Not Collected

DEVA Death Valley National Park

ROAD INVENTORY (1100 SERIES FMSS LOCATIONS)

Route No.	Cycle Collected	Iteration Collected	FMSS Number	Concession	Route Name	Route Description		Maintenance District	Paved Miles	Unpaved Miles	Total Mileage	Functional Class	Area (SQ FT)	Surf. Type	Area Map
						From	To								
0010	6	1	51714		DAYLIGHT PASS / MUD CANYON ROAD	FROM ROUTE 0011 (SCOTTY'S CASTLE ROAD / BONNIE CLAIRE) AT MP 0.59	TO EAST PARK BOUNDARY AND NEVADA STATE ROUTE 374		17.36	0.00	17.36	1		AS	3
0011	6	1	51717		SCOTTY'S CASTLE ROAD / BONNIE CLAIRE	FROM ROUTE 5001 (CA-190 / DEATH VALLEY SCENIC BYWAY) AT MM 93.21	TO EAST PARK BOUNDARY AT CALIFORNIA AND NEVADA STATE LINE / NEVADA STATE ROUTE 267		40.89	0.00	40.89	1		AS	3,44A
0012	6	1	51496		BEATTY CUTOFF ROAD	FROM ROUTE 5001 (CA-190 / DEATH VALLEY SCENIC BYWAY) AT MM 99.78	TO ROUTE 0010 (DAYLIGHT PASS / MUD CANYON ROAD) AT MP 6.77		10.07	0.00	10.07	1		AS	3
0014ZZ	6	1	51715		EMIGRANT CANYON ROAD	FROM ROUTE 5001 (CA-190 / DEATH VALLEY SCENIC BYWAY) AT MM 76.52	TO BEGINNING OF ROUTE 5004 (EMIGRANT CANYON ROAD (NON NPS))		25.13	0.00	25.13	2		AS	6,6A
0015	6	1	51502		BADWATER ROAD	FROM ROUTE 5001 (CA-190 / DEATH VALLEY SCENIC BYWAY) AT MM 111.72	TO BEGINNING OF ROUTE 5003 (BADWATER ROAD (NON NPS) / CA-178)		56.28	0.00	56.28	1		AS	1
0100	NC		103242		OLD STOVEPIPE ROAD / SAND DUNES ACCESS ROAD	FROM ROUTE 0011 (SCOTTY'S CASTLE ROAD / BONNIE CLAIRE) AT MP 2.99	TO END		0.00	0.78	0.78	2		GR	
0101	NC		60873		SALT CREEK ROAD	FROM ROUTE 5001 (CA-190 / DEATH VALLEY SCENIC BYWAY) AT MM 97.29	TO END		0.00	1.31	1.31	2		GR	
0103	6	1	51503		DANTE'S VIEW ROAD	FROM ROUTE 5001 (CA-190 / DEATH VALLEY SCENIC BYWAY) AT MM 122.51	TO ROUTE 0920 (DANTE'S VIEW PARKING AREA)		13.26	0.00	13.26	2		AS	1
0107	NC		60874		HARRY WADE ROAD	FROM SOUTH PARK BOUNDARY	TO ROUTE 0015 (BADWATER ROAD) AT MP 45.94		0.00	24.49	24.49	2		GR	
0108	NC		60875		DEATH VALLEY / BIG PINE ROAD	FROM NORTH PARK BOUNDARY	TO ROUTE 0109 (UBEHEBE CRATER ROAD) AT MP 2.84		0.00	35.11	35.11	2		GR	

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Route No.	Cycle Collected	Iteration Collected	FMSS Number	Concession	Route Description		Maintenance District	Paved Miles	Unpaved Miles	Total Mileage	Functional Class	Area (SQ FT)	Surf. Type	Area Map
					Route Name	From To								
0109	6	1	51718		UBEHEBE CRATER ROAD	FROM ROUTE 0011 (SCOTTY'S CASTLE ROAD / BONNIE CLAIRE) AT MP 33.39 TO END OF LOOP		6.28	0.00	6.28	2		AS	4
0110	NC		60876		WEST SIDE ROAD	FROM ROUTE 0015 (BADWATER ROAD) AT MP 5.98 TO ROUTE 0015 (BADWATER ROAD) AT MP 42.14		0.00	36.18	36.18	2		GR	
0112	6	1	60877		CHARCOAL KILNS ROAD	FROM ROUTE 0014ZZ (EMIGRANT CANYON ROAD) AT MP 21.25 TO BEGINNING OF ROUTE 0231 (MAHOGANY FLATS ROAD)		5.09	5.45	10.54	2		AS	6,6A
0116	6	1	102575		WILDROSE CAMPGROUND ROAD	FROM ROUTE 0112 (CHARCOAL KILNS ROAD) AT MP 0.08 TO END OF LOOP IN WILDROSE CAMPGROUND		0.09	0.13	0.22	2		AS	6A
0201ZZ	6	1	47986		FURNACE CREEK CAMPGROUND ROADS	FROM ROUTE 5001 (CA-190 / DEATH VALLEY SCENIC BYWAY) AT MM 110.06 THROUGH FURNACE CREEK CAMPGROUND		1.20	0.41	1.61	3		AS	2A
0202	6	1	51677		FURNACE CREEK AIRPORT ROAD	FROM ROUTE 5001 (CA-190 / DEATH VALLEY SCENIC BYWAY) AT MM 110.44 TO ROUTE 0930 (FURNACE CREEK AIRSTRIP PARKING)		0.78	0.00	0.78	3		AS	2A
0203ZZ	6	1	102576		SUNSET CAMPGROUND ROADS	FROM ROUTE 0204A (TEXAS SPRING / SUNSET CAMPGROUND ACCESS ROAD) THROUGH SUNSET CAMPGROUND		1.97	0.00	1.97	3		AS	2A
0204A	6	1	60878		TEXAS SPRING / SUNSET CAMPGROUND ACCESS ROAD	FROM ROUTE 5001 (CA-190 / DEATH VALLEY SCENIC BYWAY) AT MM 110.99 AND ROUTE 0206 (TIMBISHA SHOSHONE VILLAGE ROAD) TO ROUTE 0204BZZ (TEXAS SPRING CAMPGROUND LOOPS)		0.66	0.00	0.66	2		AS	2A
0204BZZ	6	1	103243		TEXAS SPRING CAMPGROUND LOOPS	FROM END OF ROUTE 0204A (TEXAS SPRING / SUNSET CAMPGROUND ACCESS ROAD) THROUGH TEXAS SPRING CAMPGROUND		1.40	0.00	1.40	3		AS	2A
0205	NC		107635		OWL'S HEAD MOUNTAINS / MICROWAVE TOWER ROAD	FROM ROUTE 0107 (HARRY WADE ROAD) TO END		0.00	15.78	15.78	4		GR	

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ROAD INVENTORY (1100 SERIES FMSS LOCATIONS)

Route No.	Cycle Collected	Iteration Collected	FMSS Number	Concession	Route Description		Maintenance District	Paved Miles	Unpaved Miles	Total Mileage	Functional Class	Area (SQ FT)	Surf. Type	Area Map
					Route Name	From To								
0206	6	1	102577		TIMBISHA SHOSHONE VILLAGE ROAD	FROM ROUTE 5001 (CA-190 / DEATH VALLEY SCENIC BYWAY) AT MM 110.99 TO VILLAGE ENTRANCE		0.61	0.00	0.61	3		AS	2A
0208	NC		102797		DESOLATION CANYON ROAD	FROM ROUTE 0015 (BADWATER ROAD) AT MP 3.71 TO END		0.00	0.56	0.56	4		GR	
0209	NC		60879		NATURAL BRIDGE ROAD	FROM ROUTE 0015 (BADWATER ROAD) AT MP 13.06 TO PARKING		0.00	1.55	1.55	2		GR	
0210	NC		107634		OWL'S HEAD SPRING ROAD	FROM ROUTE 0107 (HARRY WADE ROAD) TO OWL'S HEAD SPRING		0.00	11.20	11.20	4		GR	
0211	NC		60880		KEANE WONDER MINE ROAD	FROM ROUTE 0012 (BEATTY CUTOFF ROAD) AT MP 5.66 TO ROUTE 0012 (BEATTY CUTOFF ROAD) AT MP 5.72		0.00	2.89	2.89	4		GR	
0212A	6	1	60882		MESQUITE SPRING CAMPGROUND ACCESS ROAD	FROM ROUTE 0011 (SCOTTY'S CASTLE ROAD / BONNIE CLAIRE) AT MP 32.76 TO ROUTE 0212BZZ (MESQUITE SPRING CAMPGROUND ROADS)		1.88	0.00	1.88	2		AS	4A
0212BZZ	6	1	103474		MESQUITE SPRING CAMPGROUND ROADS	FROM END OF ROUTE 0212A (MESQUITE SPRING CAMPGROUND ACCESS ROAD) THROUGH MESQUITE SPRING CAMPGROUND		0.92	0.00	0.92	3		AS	4A
0213	NC		107631		IBEX SPRINGS ROAD	FROM ROUTE 0107 (HARRY WADE ROAD) TO ROUTE 0214 (BUCKWHEAT WASH ROAD)		0.00	3.12	3.12	4		NV	
0214	NC		107632		BUCKWHEAT WASH ROAD	FROM ROUTE 0213 (IBEX SPRINGS ROAD) TO END		0.00	5.47	5.47	4		NV	
0215	NC		60883		MOSAIC CANYON ROAD	FROM ROUTE 5001 (CA-190 / DEATH VALLEY SCENIC BYWAY) AT MM 85.67 TO PARKING		0.00	2.40	2.40	2		GR	
0216	NC		60884		AGUEREBERRY POINT ROAD	FROM ROUTE 0014ZZ (EMIGRANT CANYON ROAD) AT MP 11.95 TO PARKING		0.00	7.21	7.21	4		GR	
0217	NC		103953		THORNDIKE CAMPGROUND ROAD	FROM ROUTE 0231 (MAHOGANY FLATS ROAD) THROUGH CAMPGROUND		0.00	0.11	0.11	3		GR	
0218	NC		107633		GIANT MINE ROAD	FROM PARK BOUNDARY TO PARK BOUNDARY (SE CORNER OF PARK)		0.00	1.40	1.40	4		NV	

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DEVA Death Valley National Park

ROAD INVENTORY (1100 SERIES FMSS LOCATIONS)

Route No.	Cycle Collected	Iteration Collected	FMSS Number	Concession	Route Name	Route Description		Maintenance District	Paved Miles	Unpaved Miles	Total Mileage	Functional Class	Area (SQ FT)	Surf. Type	Area Map
						From	To								
0219	NC		60885		SKIDOO ROAD	FROM ROUTE 0014ZZ (EMIGRANT CANYON ROAD) AT MP 9.53	TO SKIDOO MILL		0.00	14.54	14.54	4		GR	
0220	NC		107619		UPPER CONFIDENCE WASH ROAD	FROM CALIFORNIA STATE HIGHWAY 178	TO END		0.00	1.74	1.74	4		NV	
0221	NC		107618		RHODES SPRINGS ROAD	FROM ROUTE 0015 (BADWATER ROAD) AT MP 54.39	TO END (2 SPURS)		0.00	2.41	2.41	4		NV	
0222	NC		107609		VIRGIN SPRINGS ROAD	FROM ROUTE 0015 (BADWATER ROAD) AT MP 50.26	TO END		0.00	1.40	1.40	4		NV	
0223	NC		103241		CHLORIDE CLIFFS ROAD	FROM ROUTE 0010 (DAYLIGHT PASS / MUD CANYON ROAD) AT MP 10.20	TO CHLORIDE CITY		0.00	10.30	10.30	4		GR	
0224	NC		107608		ASHFORD CANYON ROAD	FROM ROUTE 0015 (BADWATER ROAD) AT MP 43.91	TO END		0.00	2.75	2.75	4		NV	
0225	NC		60318		RACETRACK VALLEY ROAD	FROM ROUTE 0109 (UBEHEBE CRATER ROAD) AT MP 5.72	TO ROUTE 0265 (UBEHEBE CRATER ROAD / LIPPENCOTT ROAD)		0.00	29.21	29.21	4		GR	
0226	NC		103265		FURNACE CREEK WASH / GREENWATER VALLEY ROAD	FROM STATE ROUTE 178	TO ROUTE 0103 (DANTE'S VIEW ROAD) AT MP 7.59		0.00	28.90	28.90	2		GR	
0227	NC		103270		GOLD VALLEY ROAD	FROM ROUTE 0226 (FURNACE CREEK WASH / GREENWATER VALLEY ROAD (NON-NPS))	TO END (MULTIPLE SPURS)		0.00	19.48	19.48	4		NV	
0228	NC		54792		DEVIL'S GOLF COURSE ROAD	FROM ROUTE 0015 (BADWATER ROAD) AT MP 11.02	TO END		0.00	1.27	1.27	4		GR	
0229	NC		107630		SARATOGA SPRINGS / IBEX DUNES ROAD	FROM SOUTH PARK BOUNDARY	TO PARKING		0.00	11.91	11.91	4		GR	
0230	6	1	102583		STOVEPIPE WELLS LANDING STRIP ROAD	FROM ROUTE 5001 (CA-190 / DEATH VALLEY SCENIC BYWAY) AT MM 85.78	TO STOVEPIPE WELLS LANDING STRIP		0.51	0.00	0.51	3		AS	5

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ROAD INVENTORY (1100 SERIES FMSS LOCATIONS)

Route No.	Cycle Collected	Iteration Collected	FMSS Number	Concession	Route Name	Route Description		Maintenance District	Paved Miles	Unpaved Miles	Total Mileage	Functional Class	Area (SQ FT)	Surf. Type	Area Map
						From	To								
0231	NC		51720		MAHOGANY FLATS ROAD	FROM END OF ROUTE 0112 (CHARCOAL KILNS ROAD) AT MP 5.09	TO MAHOGANY FLATS CAMPGROUND		0.00	0.73	0.73	4		GR	
0236	NC		103272		DEADMAN PASS ROAD	FROM ROUTE 0226 (FURNACE CREEK WASH / GREENWATER VALLEY ROAD (NON-NPS))	TO EAST PARK BOUNDARY		0.00	9.84	9.84	4		NV	
0237	NC		103275		GREENWATER / FURNACE CONNECTING ROAD	FROM ROUTE 0226 (FURNACE CREEK WASH / GREENWATER VALLEY ROAD (NON-NPS))	TO ROUTE 0244 (FURNACE MINE ROAD)		0.00	5.61	5.61	4		NV	
0238	NC		103277		KUNZE ROAD	FROM ROUTE 0226 (FURNACE CREEK WASH / GREENWATER VALLEY ROAD (NON-NPS))	TO ROUTE 0244 (FURNACE MINE ROAD)		0.00	7.68	7.68	4		NV	
0239	NC		105566		COFFIN MINE ROAD	FROM ROUTE 0244 (FURNACE MINE ROAD)	TO END		0.00	2.75	2.75	4		NV	
0240	NC		105568		KUNZE SOUTH SPUR	FROM ROUTE 0237 (GREENWATER / FURNACE CONNECTING ROAD)	TO ROUTE 0238 (KUNZE ROAD)		0.00	0.77	0.77	4		NV	
0241	NC		105569		KUNZE MINE SPUR	FROM ROUTE 0237 (GREENWATER / FURNACE CONNECTING ROAD)	TO ROUTE 0238 (KUNZE ROAD)		0.00	1.65	1.65	4		NV	
0242	NC		105570		GREENWATER CEMETERY ROAD	FROM ROUTE 0237 (GREENWATER / FURNACE CONNECTING ROAD)	TO ROUTE 0238 (KUNZE ROAD)		0.00	2.14	2.14	4		NV	
0243	NC		105565		FURNACE VIEW ROAD	FROM ROUTE 0244 (FURNACE MINE ROAD)	TO END		0.00	0.34	0.34	4		NV	
0244	NC		103296		FURNACE MINE ROAD	FROM ROUTE 0226 (FURNACE CREEK WASH / GREENWATER VALLEY ROAD (NON-NPS))	TO ROUTE 0243 (FURNACE VIEW ROAD)		0.00	4.07	4.07	4		NV	
0245	NC		106941		HOLE IN THE WALL ROAD	FROM ROUTE 5001 (CA-190 / DEATH VALLEY SCENIC BYWAY) AT MM 117.18	TO END		0.00	6.33	6.33	4		NV	

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Route No.	Cycle Collected	Iteration Collected	FMSS Number	Concession	Route Description		Maintenance District	Paved Miles	Unpaved Miles	Total Mileage	Functional Class	Area (SQ FT)	Surf. Type	Area Map
					Route Name	From								
0246	NC		107853		ECHO CANYON ROAD	FROM ROUTE 5001 (CA-190 / DEATH VALLEY SCENIC BYWAY) AT MM 113.81	TO ROUTE 0247 (INYO MINE ROAD / UPPER ECHO CANYON)	0.00	12.22	12.22	4		NV	
0247	NC		107621		INYO MINE ROAD / UPPER ECHO CANYON	FROM ROUTE 0246 (ECHO CANYON ROAD)	TO END / PARK BOUNDARY	0.00	1.80	1.80	4		NV	
0248	NC		107786		CAVE ROCK SPRINGS ROAD	FROM ROUTE 0249 (MCDONALD SPRING ROAD)	TO END	0.00	3.30	3.30	4		NV	
0249	NC		107787		MCDONALD SPRING ROAD	FROM EAST PARK BOUNDARY	TO END	0.00	11.19	11.19	4		NV	
0250	NC		107788		CURRIE WELL ROAD	FROM ROUTE 0312 (MUD SUMMIT ROAD [NV TRIANGLE])	TO END	0.00	0.50	0.50	4		NV	
0251	NC		107789		STROZZI RANCH ROAD	FROM ROUTE 0252 (PHINNEY CANYON ROAD)	TO END	0.00	7.60	7.60	4		NV	
0252	NC		107791		PHINNEY CANYON ROAD	FROM EAST PARK BOUNDARY	TO END	0.00	28.90	28.90	4		NV	
0253	NC		107637		SAND SPRING / ORIENTAL WASH ROAD	FROM ROUTE 0108 (DEATH VALLEY / BIG PINE ROAD)	TO EAST PARK BOUNDARY	0.00	4.34	4.34	4		NV	
0254	NC		107640		LAST CHANCE SPRING ROAD	FROM ROUTE 0308 (TULE CANYON ROAD [BIG PINE ROAD])	TO END	0.00	2.77	2.77	4		NV	
0255	NC		107643		EUREKA VALLEY ROAD	FROM ROUTE 0108 (DEATH VALLEY / BIG PINE ROAD)	TO STATE ROUTE 168 / FISH LAKE	0.00	7.20	7.20	4		GR	
0256	NC		107644		SOUTH EUREKA ROAD	FROM ROUTE 0108 (DEATH VALLEY / BIG PINE ROAD)	TO ROUTE 0261 (SALINE VALLEY ROAD (NON-NPS))	0.00	11.40	11.40	4		GR	
0257	NC		107645		EUREKA VALLEY WELL SITE ROAD	FROM ROUTE 0256 (SOUTH EUREKA ROAD (NON-NPS))	TO END	0.00	2.37	2.37	4		NV	
0259	NC		107896		STEEL PASS ROAD	FROM ROUTE 0256 (SOUTH EUREKA ROAD (NON-NPS))	TO ROUTE 0262 (LOWER WARM SPRINGS ROAD)	0.00	26.60	26.60	4		NV	

Cycle 6 NPS / RIP Route ID Report

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DEVA Death Valley National Park

ROAD INVENTORY (1100 SERIES FMSS LOCATIONS)

Route No.	Cycle Collected	Iteration Collected	FMSS Number	Concession	Route Name	Route Description		Maintenance District	Paved Miles	Unpaved Miles	Total Mileage	Functional Class	Area (SQ FT)	Surf. Type	Area Map
						From	To								
0260	NC		107783		JACKASS FLATS ROAD	FROM ROUTE 0261 (SALINE VALLEY ROAD (NON-NPS)) (NORTH)	TO END OF SPURS		0.00	6.00	6.00	4		NV	
0261	NC		107627		SALINE VALLEY ROAD	FROM CA HIGHWAY 190 AT MM 41.23	TO STATE ROUTE 168		0.00	43.36	43.36	4		GR	
0262	NC		107628		LOWER WARM SPRINGS ROAD	FROM ROUTE 0261 (SALINE VALLEY ROAD (NON-NPS))	TO ROUTE 0256 (SOUTH EUREKA ROAD (NON-NPS))		0.00	9.60	9.60	4		NV	
0263	NC		107784		ARTESIAN WELL ROAD	FROM ROUTE 0261 (SALINE VALLEY ROAD (NON-NPS))	TO END		0.00	1.96	1.96	4		NV	
0264	NC		107785		BIG SILVER MINE ROAD	FROM ROUTE 0261 (SALINE VALLEY ROAD (NON-NPS))	TO END		0.00	1.53	1.53	4		NV	
0265	NC		107629		LIPPENCOTT ROAD	FROM ROUTE 0225 (RACETRACK VALLEY ROAD)	TO ROUTE 0261 (SALINE VALLEY ROAD (NON-NPS))		0.00	7.37	7.37	4		NV	
0266	NC		107641		WHITE TOP MOUNTAIN ROAD	FROM ROUTE 0272 (HUNTER MOUNTAIN ROAD)	TO END		0.00	9.97	9.97	4		NV	
0267	NC		107642		LOST BURRO MINE ROAD	FROM ROUTE 0272 (HUNTER MOUNTAIN ROAD)	TO END		0.00	1.11	1.11	4		NV	
0268	NC		107781		QUAKENBUSH MINE ROAD	FROM ROUTE 0273 (GOLDBELT SPRINGS ROAD)	TO ROUTE 0272 (HUNTER MOUNTAIN ROAD)		0.00	1.60	1.60	4		NV	
0269	NC		107780		UBEHEBE TALC MINE ROAD	FROM ROUTE 0272 (HUNTER MOUNTAIN ROAD)	TO ROUTE 0272 (HUNTER MOUNTAIN ROAD)		0.00	3.27	3.27	4		NV	
0270	NC		108048		J.O. MINE ROAD	FROM ROUTE 0272 (HUNTER MOUNTAIN ROAD)	TO END		0.00	5.45	5.45	4		NV	
0271	NC		108049		SPANISH SPRING ROAD	FROM ROUTE 0270 (J.O. MINE ROAD)	TO END		0.00	3.80	3.80	4		NV	
0272	NC		106503		HUNTER MOUNTAIN ROAD	FROM ROUTE 0261 (SALINE VALLEY ROAD (NON-NPS))	TO ROUTE 0225 (RACETRACK VALLEY ROAD)		0.00	24.60	24.60	4		NV	
0273	NC		107778		GOLDBELT SPRINGS ROAD	FROM ROUTE 0272 (HUNTER MOUNTAIN ROAD)	TO END		0.00	1.50	1.50	4		NV	

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DEVA Death Valley National Park

ROAD INVENTORY (1100 SERIES FMSS LOCATIONS)

Route No.	Cycle Collected	Iteration Collected	FMSS Number	Concession	Route Description		Maintenance District	Paved Miles	Unpaved Miles	Total Mileage	Functional Class	Area (SQ FT)	Surf. Type	Area Map
					Route Name	From								
0274	NC		108051		HUNTER CABIN SPUR ROAD	FROM ROUTE 0272 (HUNTER MOUNTAIN ROAD)	TO END	0.00	0.76	0.76	4		NV	
0275	NC		107800		WHITE MOUNTAIN TALC ROAD / LEE FLAT	FROM ROUTE 0261 (SALINE VALLEY ROAD (NON-NPS))	TO END AT WHITE MOUNTAIN	0.00	7.02	7.02	4		GR	
0276	NC		107801		LEE TO SALINE CONNECTOR ROAD	FROM ROUTE 0275 (WHITE MOUNTAIN TALC ROAD / LEE FLAT (NON-NPS))	TO ROUTE 0261 (SALINE VALLEY ROAD (NON-NPS))	0.00	1.42	1.42	4		NV	
0277	NC		107802		BLACKROCK WELL ROAD	FROM ROUTE 0275 (WHITE MOUNTAIN TALC ROAD / LEE FLAT (NON-NPS))	TO END	0.00	2.50	2.50	4		NV	
0278	NC		107803		LEE FLAT OVERLOOK ROAD	FROM ROUTE 0275 (WHITE MOUNTAIN TALC ROAD / LEE FLAT (NON-NPS))	TO END OF SPURS	0.00	6.00	6.00	4		NV	
0279	NC		106504		MARBLE CANYON ROAD	FROM ROUTE 0280 (COTTONWOOD CANYON ROAD)	TO END	0.00	2.69	2.69	4		NV	
0280	NC		106505		COTTONWOOD CANYON ROAD	FROM ROUTE 0230 (STOVEPIPE WELLS LANDING STRIP ROAD) AT MP 0.49	TO END	0.00	19.46	19.46	4		NV	
0281	NC		106526		LEMOIGNE CANYON ROAD	FROM ROUTE 5001 (CA-190 / DEATH VALLEY SCENIC BYWAY) AT MM 79.71	TO END	0.00	5.36	5.36	4		NV	
0282	NC		107804		LAKE HILL ROAD	FROM ROUTE 5001 (CA-190 / DEATH VALLEY SCENIC BYWAY) AT MM 59.87	TO LAKE HILL	0.00	7.18	7.18	4		GR	
0283	NC		107625		DARWIN FALLS / OLD TOLL ROAD	FROM ROUTE 5001 (CA-190 / DEATH VALLEY SCENIC BYWAY) AT MM 54.34	TO DARWIN FALLS	0.00	4.10	4.10	4		GR	
0284	NC		107605		TUCKI MOUNTAIN ROAD / TELEPHONE CANYON ROAD	FROM ROUTE 0014ZZ (EMIGRANT CANYON ROAD) AT MP 1.49	TO END	0.00	11.03	11.03	4		NV	

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DEVA Death Valley National Park

ROAD INVENTORY (1100 SERIES FMSS LOCATIONS)

Route No.	Cycle Collected	Iteration Collected	FMSS Number	Concession	Route Description		Maintenance District	Paved Miles	Unpaved Miles	Total Mileage	Functional Class	Area (SQ FT)	Surf. Type	Area Map
					Route Name	From To								
0285	NC		107626		WOOD CANYON ROAD	FROM ROUTE 0014ZZ (EMIGRANT CANYON ROAD) AT MP 13.21 TO END		0.00	3.00	3.00	4		NV	
0286	NC		107607		PINYON MESA ROAD	FROM ROUTE 0112 (CHARCOAL KILNS ROAD) AT MP 4.06 TO END		0.00	1.90	1.90	4		NV	
0287	NC		107606		TUBER CANYON ROAD	FROM ROUTE 0014ZZ (EMIGRANT CANYON ROAD) TO END		0.00	3.10	3.10	4		NV	
0288	NC		107794		JAIL CANYON ROAD	FROM WEST PARK BOUNDARY TO END		0.00	3.49	3.49	4		NV	
0289	NC		106943		TRAIL CANYON ROAD	FROM ROUTE 0110 (WEST SIDE ROAD) TO END		0.00	11.02	11.02	4		NV	
0290	NC		106944		HANAUPAH CANYON ROAD	FROM ROUTE 0110 (WEST SIDE ROAD) TO END		0.00	8.50	8.50	4		NV	
0291	NC		107795		SOUTH PARK / PLEASANT CANYON LOOP ROAD	FROM WEST PARK BOUNDARY TO WEST PARK BOUNDARY		0.00	20.00	20.00	4		NV	
0292	NC		106945		JOHNSON CANYON ROAD	FROM ROUTE 0110 (WEST SIDE ROAD) TO END		0.00	9.80	9.80	4		NV	
0293	NC		107849		REDLANDS CANYON ROAD	FROM ROUTE 0296 (RUSSELS CAMP ROAD) TO WEST PARK BOUNDARY		0.00	3.80	3.80	4		NV	
0294	NC		107848		GOLER WASH ROAD (COYOTE CANYON)	FROM ROUTE 0298 (BUTTE VALLEY / WARM SPRINGS ROAD) TO ROUTE 0295 (MYERS RANCH / BARKER RANCH ROAD [BUTTE VALLEY])		0.00	5.20	5.20	4		GR	
0295	NC		107846		MYERS RANCH / BARKER RANCH ROAD	FROM ROUTE 0294 (GOLER WASH ROAD (COYOTE CANYON)) TO END		0.00	0.80	0.80	4		NV	
0296	NC		107838		RUSSELS CAMP ROAD	FROM ROUTE 0293 (REDLANDS CANYON ROAD [BUTTE VALLEY]) TO ROUTE 0294 (GOLER WASH ROAD (COYOTE CANYON) (NON-NPS))		0.00	1.40	1.40	4		NV	
0297	NC		107840		WILLOW SPRING / ANVIL SPRINGS ROAD	FROM ROUTE 0298 (BUTTE VALLEY / WARM SPRINGS ROAD) TO END		0.00	1.50	1.50	4		NV	

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DEVA Death Valley National Park

ROAD INVENTORY (1100 SERIES FMSS LOCATIONS)

Route No.	Cycle Collected	Iteration Collected	FMSS Number	Concession	Route Description		Maintenance District	Paved Miles	Unpaved Miles	Total Mileage	Functional Class	Area (SQ FT)	Surf. Type	Area Map
					Route Name	From								
0298	NC		107837		BUTTE VALLEY / WARM SPRINGS ROAD	FROM ROUTE 0110 (WEST SIDE ROAD)	TO ROUTE 0294 (GOLER WASH ROAD (COYOTE CANYON) (NON-NPS))	0.00	22.60	22.60	4		NV	
0299	NC		107833		ARRASTRE SPRING ROAD	FROM ROUTE 0321 (GOLD HILL ROAD [BUTTE VALLEY])	TO END	0.00	2.10	2.10	4		NV	
0300	NC		107850		STRIPED BUTTE SPUR ROAD	FROM ROUTE 0298 (BUTTE VALLEY / WARM SPRINGS ROAD)	TO ROUTE 0293 (REDLANDS CANYON ROAD)	0.00	1.70	1.70	4		NV	
0301	NC		107796		MORMON GULCH ROAD	FROM ROUTE 0291 (SOUTH PARK / PLEASANT CANYON LOOP ROAD)	TO END	0.00	1.23	1.23	4		NV	
0302	NC		107798		WORLD BEATER MINE OVERLOOK ROAD	FROM ROUTE 0303 (MIDDLE PARK SHORTCUT ROAD)	TO END	0.00	1.60	1.60	4		NV	
0303	NC		107799		MIDDLE PARK SHORTCUT ROAD	FROM ROUTE 0316 (MIDDLE PARK ROAD [MAIN])	TO ROUTE 0291 (SOUTH PARK / PLEASANT CANYON LOOP ROAD)	0.00	2.90	2.90	4		NV	
0304	NC		108362		COOPER MINE ROAD	FROM ROUTE 0291 (SOUTH PARK / PLEASANT CANYON LOOP ROAD)	TO END	0.00	3.07	3.07	4		NV	
0305	NC		107851		INDIAN PASS ROAD	FROM EAST PARK BOUNDARY	TO END	0.00	5.37	5.37	4		NV	
0306	NC		108363		LANDING STRIP ROAD	FROM ROUTE 0291 (SOUTH PARK / PLEASANT CANYON LOOP ROAD)	TO ROUTE 0291 (SOUTH PARK / PLEASANT CANYON LOOP ROAD)	0.00	1.20	1.20	4		NV	
0307	NC		108090		MONARCH CANYON ROAD	FROM ROUTE 0309 (CHLORIDE CITY ROAD WITH SPURS)	TO END	0.00	0.69	0.69	4		NV	
0308	NC		107639		TULE CANYON ROAD	FROM ROUTE 0108 (DEATH VALLEY / BIG PINE ROAD)	TO EAST PARK BOUNDARY	0.00	5.47	5.47	4		NV	
0309	NC		108091		CHLORIDE CITY ROAD WITH SPURS	FROM ROUTE 0010 (DAYLIGHT PASS / MUD CANYON ROAD)	TO EAST PARK BOUNDARY	0.00	6.64	6.64	4		NV	

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DEVA Death Valley National Park

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Route No.	Cycle Collected	Iteration Collected	FMSS Number	Concession	Route Description		Maintenance District	Paved Miles	Unpaved Miles	Total Mileage	Functional Class	Area (SQ FT)	Surf. Type	Area Map
					Route Name	From								
0310	NC		107782		LOST BURRO TAIL MINE ROAD	FROM ROUTE 0268 (QUAKENBUSH MINE ROAD)	TO END	0.00	3.80	3.80	4		NV	
0311	NC		107790		BULLFROG DISTRICT ROAD	FROM EAST PARK BOUNDARY	TO END	0.00	9.97	9.97	4		NV	
0312	NC		108504		MUD SUMMIT ROAD	FROM ROUTE 0311 (BULLFROG DISTRICT ROAD [NV TRIANGLE])	TO EAST PARK BOUNDARY	0.00	13.90	13.90	4		NV	
0313	NC		107792		COWHORN VALLEY ROAD	FROM WEST PARK BOUNDARY	TO END	0.00	2.00	2.00	4		NV	
0314	NC		110303		DEVIL'S HOLE ACCESS ROAD	FROM NON-NPS NEVADA ASH MEADOWS NWR ROAD (UNPAVED)	TO END	0.00	0.17	0.17	4		NV	
0316	NC		107797		MIDDLE PARK ROAD [MAIN]	FROM ROUTE 0291 (SOUTH PARK / PLEASANT CANYON LOOP ROAD)	TO ROUTE 0291 (SOUTH PARK / PLEASANT CANYON LOOP ROAD)	0.00	4.46	4.46	4		NV	
0317	NC		107806		EAST PANAMINT DRY LAKE BED ROAD	FROM ROUTE 5001 (CA-190 / DEATH VALLEY SCENIC BYWAY) AT MM 59.87	TO WEST PARK BOUNDARY	0.00	5.85	5.85	4		NV	
0318	NC		111171		PADRE POINT ROAD	FROM ROUTE 0945 (FATHER CROWLEY PARKING AREA)	TO END AT PANAMINT VALLEY OVERLOOK	0.00	0.60	0.60	4		NV	
0319	NC		107807		MINNIETA - WILDROSE CONNECTOR ROAD	FROM ROUTE 0014ZZ (EMIGRANT CANYON ROAD)	TO WEST PARK BOUNDARY	0.00	4.74	4.74	4		NV	
0320	NC		111168		UBEHEBE LEAD MINE ROAD	FROM ROUTE 0225 (RACETRACK VALLEY ROAD)	TO END	0.00	0.70	0.70	4		NV	
0321	NC		107832		GOLD HILL ROAD	FROM ROUTE 0298 (BUTTE VALLEY / WARM SPRINGS ROAD)	TO END	0.00	3.30	3.30	4		NV	
0322	NC		106947		GALENA CANYON ROAD	FROM ROUTE 0110 (WEST SIDE ROAD)	TO END	0.00	5.47	5.47	4		NV	
0323	NC		106948		QUEEN OF SHEBA MINE ROAD	FROM ROUTE 0110 (WEST SIDE ROAD)	TO END	0.00	4.38	4.38	4		NV	

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Route No.	Cycle Collected	Iteration Collected	FMSS Number	Concession	Route Name	Route Description		Maintenance District	Paved Miles	Unpaved Miles	Total Mileage	Functional Class	Area (SQ FT)	Surf. Type	Area Map
						From	To								
0324	NC		107844		NEMO CANYON / CHRISTMAS MINE ROAD [ADMIN CLOSED]	FROM ROUTE 0014ZZ (EMIGRANT CANYON ROAD) AT MP 17.52	TO END		0.00	2.83	2.83	4		NV	
0325	NC		107845		NEMO CANYON SERVICE ROAD	FROM ROUTE 0014ZZ (EMIGRANT CANYON ROAD) AT MP 19.12	TO END		0.00	0.73	0.73	4		NV	
0328	NC		107852		ANTIMONY MINE ROAD	FROM ROUTE 0112 (CHARCOAL KILNS ROAD) AT MP 1.24	TO END		0.00	1.20	1.20	4		NV	
0329	6	1	238449		STOVEPIPE WELLS HOUSING ROAD	FROM ROUTE 5001 (CA-190 / DEATH VALLEY SCENIC BYWAY) AT MM 85.91	TO PARK SERVICE HOUSING		0.21	0.00	0.21	3		AS	5
0330	NC		107636		BLACK MAGIC MINE ROAD	FROM ROUTE 0107 (HARRY WADE ROAD)	TO BLACK MAGIC MINE		0.00	2.40	2.40	4		GR	
0331	6	1	245454	■	STOVEPIPE WELLS CONCESSIONS CAMPGROUND ROAD	FROM ROUTE 0230 (STOVEPIPE WELLS LANDING STRIP ROAD)	TO END OF UNPAVED LOOP		0.13	0.06	0.19	3		AS	5
0400ZZ	6	1	51497		COW CREEK SERVICE ROADS	FROM ROUTE 5001 (CA-190 / DEATH VALLEY SCENIC BYWAY) AT MM 107.41	TO COW CREEK PARKING AREAS		0.61	0.00	0.61	5		AS	2B
0401	6	1	47981		OLD GHOST ROAD	FROM ROUTE 0400ZZ (COW CREEK SERVICE ROADS)	TO ROUTE 0402 (SKYLINE ROAD) AND ROUTE 0405 (NEVARES ROAD)		1.30	0.00	1.30	5		AS	2B
0402	6	1	47985		SKYLINE ROAD	FROM ROUTE 0401 (OLD GHOST ROAD) AND ROUTE 0405 (NEVARES ROAD)	TO INTERSECTION OF ROUTE 0401 (OLD GHOST ROAD) AND ROUTE 0405 (NEVARES ROAD)		0.83	0.00	0.83	5		AS	2B
0403	6	1	47984		COYOTE LOOP ROAD	FROM ROUTE 0402 (SKYLINE ROAD)	TO END OF LOOP		0.28	0.00	0.28	5		AS	2B
0404	NC		103240		LANDFILL ROAD	FROM ROUTE 5001 (CA-190 / DEATH VALLEY SCENIC BYWAY) AT MM 109.63	TO LANDFILL		0.00	1.22	1.22	6		GR	

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Route No.	Cycle Collected	Iteration Collected	FMSS Number	Concession	Route Description		Maintenance District	Paved Miles	Unpaved Miles	Total Mileage	Functional Class	Area (SQ FT)	Surf. Type	Area Map
					Route Name	From To								
0405	6	1	47983		NEVARES ROAD	FROM ROUTE 0401 (OLD GHOST ROAD) AND ROUTE 0402 (SKYLINE ROAD) TO END OF UNPAVED SECTION		0.07	2.27	2.34	5		AS	2B
0407ZZ	6	1	102579		GRAPEVINE SERVICE AND RESIDENCE ROADS	FROM ROUTE 0011 (SCOTTY'S CASTLE ROAD / BONNIE CLAIRE) AT MP 33.08 TO END		0.16	0.00	0.16	5		AS	4A
0408	6	1	64578		SALT PAN VISTA ROAD	FROM ROUTE 0400ZZ (COW CREEK SERVICE ROADS) TO END OF LOOP		0.30	0.00	0.30	5		AS	2B
0410	NC		103239		GRAPEVINE BONEYARD ROAD	FROM ROUTE 0011 (SCOTTY'S CASTLE ROAD / BONNIE CLAIRE) AT MP 33.03 TO BONEYARD		0.00	2.00	2.00	6		GR	
0412	6	1	102581		WILDROSE RESIDENCE ROAD	FROM ROUTE 0112 (CHARCOAL KILNS ROAD) AT MP 0.35 TO ROUTE 0112 (CHARCOAL KILNS ROAD) AT MP 0.46		0.11	0.00	0.11	5		AS	6A
0415	6	1	47987		SIMS CIRCLE RV PARK ROAD	FROM ROUTE 0401 (OLD GHOST ROAD) TO END OF PAVEMENT		0.08	0.00	0.08	6		AS	2B
0416	NC		102981		BREAKFAST CANYON ROAD	FROM ROUTE 0015 (BADWATER ROAD) AT MP 0.56 TO END		0.00	0.43	0.43	6		GR	
0417	NC		105812		FURNACE CREEK SBC SERVICE ROAD	FROM ROUTE 5001 (CA-190 / DEATH VALLEY SCENIC BYWAY) AT MM 110.10 TO END		0.00	0.18	0.18	5		NV	
0419	NC		107623		TRAVERTINE SPRINGS SERVICE ROAD	FROM ROUTE 5001 (CA-190 / DEATH VALLEY SCENIC BYWAY) AT MM 113.19 TO ROUTE 0204A (TEXAS SPRING / SUNSET CAMPGROUND ACCESS ROAD)		0.00	2.80	2.80	4		NV	
0421	NC		107793		SCOTTY'S CASTLE WATER SYSTEM SERVICE ROAD	FROM ROUTE 0011 (SCOTTY'S CASTLE ROAD / BONNIE CLAIRE) AT MP 37.21 TO END		0.00	0.06	0.06	4		NV	
0422	NC		105804		GROTTO CANYON ROAD [SPW AREA]	FROM ROUTE 5001 (CA-190 / DEATH VALLEY SCENIC BYWAY) AT MM 88.34 TO END		0.00	1.98	1.98	4		NV	

Cycle 6 NPS / RIP Route ID Report

(Numerical By Summary Route and Subcomponent #)



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DEVA Death Valley National Park

ROAD INVENTORY (1100 SERIES FMSS LOCATIONS)

Route No.	Cycle Collected	Iteration Collected	FMSS Number	Concession	Route Description		Maintenance District	Paved Miles	Unpaved Miles	Total Mileage	Functional Class	Area (SQ FT)	Surf. Type	Area Map
					Route Name	From To								
0423	NC		107805		SPW LAGOONS SERVICE ROAD	FROM UNPAVED LOOP ON ROUTE 0331 (STOVEPIPE WELLS CONCESSIONS CAMPGROUND ROAD) TO END AT LAGOONS		0.00	0.14	0.14	4		NV	
0424	NC		106607		ROGERS PEAK SERVICE ROAD	FROM ROUTE 0231 (MAHOGANY FLATS ROAD) TO END		0.00	2.39	2.39	5		NV	
0425	NC		108008		FURNACE CREEK 2 MILLION GALLON TANK ROAD	FROM ROUTE 5001 (CA-190 / DEATH VALLEY SCENIC BYWAY) AT MM 111.90 AND FURNACE CREEK INN PARKING LOT TO ROUTE 0419 (TRAVERTINE SPRINGS SERVICE ROAD [FURNACE CREEK])		0.00	0.50	0.50	6		NV	
0426	NC		108087		STOVEPIPE WELLS RO SYSTEM ROAD	FROM ROUTE 0215 (MOAIC CANYON ROAD) TO END OF ROUTE 0329 (STOVEPIPE WELLS HOUSING ROAD)		0.00	0.43	0.43	4		NV	
0427	NC		108494		DAYLIGHT PASS SERVICE ROAD	FROM ROUTE 0010 (DAYLIGHT PASS / MUD CANYON ROAD) AT MP 7.28 TO EAST PARK BOUNDARY		0.00	0.70	0.70	4		NV	
0428	NC		111169		COW CREEK MIXING TABLE ROAD	FROM ROUTE 0408 (SALT PAN VISTA ROAD) TO END		0.00	0.60	0.60	5		NV	
0429	NC		108214		FURNACE CREEK WASH SERVICE ROAD	FROM ROUTE 5001 (CA-190 / DEATH VALLEY SCENIC BYWAY) AT MM 111.71 TO END		0.00	0.30	0.30	4		NV	
0430	6	1	238451		SKYLINE LOOP ROAD	FROM ROUTE 0402 (SKYLINE ROAD) TO ROUTE 0405 (NEVARES ROAD)		0.08	0.00	0.08	5		AS	2B
0431	6	1	246801		HARRY WADE MIXING TABLE ROAD	FROM ROUTE 0015 (BADWATER ROAD) AT MP 46.99 TO ROUTE 0015 (BADWATER ROAD) AT MP 47.40		0.44	0.00	0.44	6		AS	1
0500	6	1	51678		ARTISTS DRIVE	FROM ROUTE 0015 (BADWATER ROAD) AT MP 8.61 TO ROUTE 0015 (BADWATER ROAD) AT MP 4.82		8.89	0.00	8.89	2		AS	1

Cycle 6 NPS / RIP Route ID Report

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DEVA Death Valley National Park

ROAD INVENTORY (1100 SERIES FMSS LOCATIONS)

Route No.	Cycle Collected	Iteration Collected	FMSS Number	Concession	Route Description		Maintenance District	Paved Miles	Unpaved Miles	Total Mileage	Functional Class	Area (SQ FT)	Surf. Type	Area Map		
					Route Name	From									To	
0501	6	1	102584		HARMONY BORAX WORKS ROAD	FROM ROUTE 5001 (CA-190 / DEATH VALLEY SCENIC BYWAY) AT MM 109.10	TO BEGINNING OF ROUTE 0504 (MUSTARD CANYON ROAD)		0.23	0.00	0.23		3		AS	2A
0502	NC		60886		TWENTY MULE TEAM CANYON ROAD	FROM ROUTE 5001 (CA-190 / DEATH VALLEY SCENIC BYWAY) AT MM 116.49	TO ROUTE 5001 (CA-190 / DEATH VALLEY SCENIC BYWAY) AT MM 118.08		0.00	2.69	2.69		4		GR	
0503	NC		51719		TITUS CANYON ROAD	FROM EAST PARK BOUNDARY	TO ROUTE 0011 (SCOTTY'S CASTLE ROAD / BONNIE CLAIRE) AT MP 14.86		0.00	26.50	26.50		4		GR	
0504	NC		60887		MUSTARD CANYON ROAD	FROM END OF ROUTE 0501 (HARMONY BORAX WORKS ROAD)	TO ROUTE 5001 (CA-190 / DEATH VALLEY SCENIC BYWAY) AT MM 108.42		0.00	1.49	1.49		4		GR	
0505	NC		103246		LOWER VINE RANCH ROAD	FROM ROUTE 0109 (UBEHEBE CRATER ROAD) AT MP 1.60	TO END		0.00	1.10	1.10		4		GR	
0506	6	1	115293		DONNIE LANE	FROM ROUTE 0402 (SKYLINE ROAD)	TO RESIDENCE AREA		0.02	0.00	0.02		5		AS	2B
0507	6	1	115294		CANYON VIEW COURT	FROM ROUTE 0401 (OLD GHOST ROAD)	TO RESIDENCE AREA		0.04	0.00	0.04		5		AS	2B

NON-NPS ROADS INVENTORY

Route No.	Cycle Collected	Iteration Collected	FMSS Number	Concession	Route Description		Maintenance District	Paved Miles	Unpaved Miles	Total Mileage	Functional Class	Area (SQ FT)	Surf. Type	Area Map	
					Route Name	From									To
5001	6	1	108088		CA-190 / DEATH VALLEY SCENIC BYWAY	FROM EAST PARK BOUNDARY	TO WEST PARK BOUNDARY		85.72	0.00	85.72			AS	1,2,3,5,6
5002	6	1	102368		PANAMINT VALLEY ROAD	FROM ROUTE 5001 (CA-190 / DEATH VALLEY SCENIC BYWAY) AT MM 57.92	TO INTERSECTION OF ROUTE 5004 (EMIGRANT CANYON ROAD (NON NPS)) AND TRONA-WILDROSE ROAD		13.91	0.00	13.91			AS	6

Cycle 6 NPS / RIP Route ID Report

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DEVA Death Valley National Park

NON-NPS ROADS INVENTORY

Route No.	Cycle Collected	Iteration Collected	FMSS Number	Concession	Route Name	From	To	Maintenance District	Paved Miles	Unpaved Miles	Total Mileage	Functional Class	Area (SQ FT)	Surf. Type	Area Map
5003	6	1	112446		BADWATER ROAD (NON NPS) / CA-178	FROM END OF ROUTE 0015 (BADWATER ROAD) AT MP 56.28	TO JUNCTION OF CA-127 AND CA-178		14.81	0.00	14.81			AS	1
5004	4	1	112448		EMIGRANT CANYON ROAD (NON NPS)	FROM END OF ROUTE 0014ZZ (EMIGRANT CANYON ROAD) AT MP 25.13	TO INTERSECTION OF ROUTE 5002 (PANAMINT VALLEY ROAD) AND TRONA-WILDROSE ROAD		5.75	0.00	5.75			AS	6

PARKING AREA INVENTORY (1300 SERIES FMSS LOCATIONS)

Route No.	Cycle Collected	Iteration Collected	FMSS Number	Concession	Route Name	From	To	Maintenance District	Access Level	Area (SQ FT)	Surf. Type	Area Map
0900	6	1	60888		SCOTTY'S CASTLE PARKING	FROM ROUTE 0011 (SCOTTY'S CASTLE ROAD / BONNIE CLAIRE) AT MP 36.34	TO ROUTE 0011 (SCOTTY'S CASTLE ROAD / BONNIE CLAIRE) AT MP 36.25		PUBLIC	98,777	AS	4
0901ZZ	6	1	60889		UBEHEBE CRATER PARKING LOTS	ADJACENT TO ROUTE 0109 (UBEHEBE CRATER ROAD) AT MP 6.05			PUBLIC	7,999	AS	4
0903	6	1	60890		EMIGRANT REST AREA PARKING	FROM ROUTE 5001 (CA-190 / DEATH VALLEY SCENIC BYWAY) AT MM 76.73	TO ROUTE 5001 (CA-190 / DEATH VALLEY SCENIC BYWAY) AT MM 76.65		PUBLIC	25,256	AS	6
0906	6	1	102624		WILDROSE UTILITY AREA PARKING	FROM ROUTE 0112 (CHARCOAL KILNS ROAD) AT MP 0.39	TO PARKING		NONPUBLIC	8,709	AS	6A
0908	6	1	103952		SIMS CIRCLE PARKING	FROM ROUTE 0401 (OLD GHOST ROAD)	TO PARKING		PUBLIC	17,884	AS	2B
0908A	NC		102626		SIMS CIRCLE (UNPAVED RV SITE PARKING)	ADJACENT TO ROUTE 0415 (SIMS CIRCLE RV PARK ROAD) ON LEFT AND RIGHT			PUBLIC	18,600	GR	
0909ZZ	6	1	51498		COW CREEK ADMINISTRATIVE PARKING LOTS	ADJACENT TO ROUTE 0400ZZ (COW CREEK SERVICE ROADS)			PUBLIC	14,938	AS	2B
0910A	6	1	102628		COW CREEK MAINTENANCE YARD PARKING	FROM ROUTE 0400ZZ (COW CREEK SERVICE ROADS)	TO ROUTE 0400ZZ (COW CREEK SERVICE ROADS)		PUBLIC	63,182	AS	2B

Cycle 6 NPS / RIP Route ID Report

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DEVA Death Valley National Park

PARKING AREA INVENTORY (1300 SERIES FMSS LOCATIONS)

Route No.	Cycle Collected	Iteration Collected	FMSS Number	Concession	Route Name	Route Description		Maintenance District	Access Level	Area (SQ FT)	Surf. Type	Area Map
						From	To					
0911	6	1	103950		FIRE RESERVOIR PARKING	FROM ROUTE 0400ZZ (COW CREEK SERVICE ROADS)	TO PARKING		NONPUBLIC	4,156	AS	2B
0912	6	1	51499		FURNACE CREEK ADMINISTRATIVE PARKING	FROM ROUTE 5001 (CA-190 / DEATH VALLEY SCENIC BYWAY) AT MM 110.26	TO ROUTE 5001 (CA-190 / DEATH VALLEY SCENIC BYWAY) AT MM 110.33		NONPUBLIC	27,375	AS	2A
0913	6	1	51675		FURNACE CREEK VISITOR CENTER PARKING	FROM ROUTE 0202 (FURNACE CREEK AIRPORT ROAD)	TO PARKING		PUBLIC	54,221	AS	2A
0915	6	1	102629		GOLDEN CANYON PARKING AREA	FROM ROUTE 0015 (BADWATER ROAD) AT MP 2.03	TO PARKING		PUBLIC	19,592	AS	1
0917	6	1	102630		BADWATER PARKING AREA	FROM ROUTE 0015 (BADWATER ROAD) AT MP 16.56	TO ROUTE 0015 (BADWATER ROAD) AT MP 16.65		PUBLIC	29,239	AS	1
0918	6	1	65516		ZABRISKIE POINT PARKING	FROM ROUTE 5001 (CA-190 / DEATH VALLEY SCENIC BYWAY) AT MM 115.36	TO PARKING		PUBLIC	36,154	AS	1
0919	6	1	51506		DANTE'S VIEW TRAILER PARKING	FROM ROUTE 0103 (DANTE'S VIEW ROAD) AT MP 7.58	TO PARKING		PUBLIC	19,238	AS	1
0920	6	1	51505		DANTE'S VIEW PARKING AREA	FROM END OF ROUTE 0103 (DANTE'S VIEW ROAD) AT MP 13.26	TO PARKING		PUBLIC	26,093	AS	1
0921	NC		103955		TULE SPRING PARKING AREA	ADJACENT TO ROUTE 0110 (WEST SIDE ROAD)			PUBLIC	9,775	GR	
0922	NC		103956		SHORTY'S WELL PARKING	ADJACENT TO ROUTE 0110 (WEST SIDE ROAD)			PUBLIC	2,016	GR	
0923	NC		103245		EAGLE BORAX PARKING	ADJACENT TO ROUTE 0110 (WEST SIDE ROAD)			PUBLIC	18,096	GR	
0924	NC		103960		BENNETT'S WELL PARKING	ADJACENT TO ROUTE 0110 (WEST SIDE ROAD)			PUBLIC	2,304	GR	
0925	NC		103957		ASHFORD MILL RUINS PARKING	ADJACENT TO ROUTE 0015 (BADWATER ROAD) AT MP 43.91			PUBLIC	23,760	GR	
0926	6	1	51504		DANTE'S VIEW REST AREA PARKING	FROM ROUTE 0103 (DANTE'S VIEW ROAD) AT MP 12.72	TO ROUTE 0103 (DANTE'S VIEW ROAD) AT MP 12.75		PUBLIC	8,919	AS	1

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DEVA Death Valley National Park

PARKING AREA INVENTORY (1300 SERIES FMSS LOCATIONS)

Route No.	Cycle Collected	Iteration Collected	FMSS Number	Concession	Route Name	Route Description		Maintenance District	Access Level	Area (SQ FT)	Surf. Type	Area Map
						From	To					
0927	6	1	102632		ARTIST PALETTE PARKING AREA	FROM ROUTE 0500 (ARTISTS DRIVE) AT MP 4.37	TO PARKING		PUBLIC	26,549	AS	1
0928	6	1	59189		GRAPEVINE MAINTENANCE AREA PARKING	FROM END OF ROUTE 0407ZZ (GRAPEVINE SERVICE AND RESIDENCE ROADS)	TO PARKING		NONPUBLIC	8,817	AS	4A
0929	6	1	102640		GRAPEVINE RANGER STATION PARKING AREA	FROM ROUTE 0011 (SCOTTY'S CASTLE ROAD / BONNIE CLAIRE) AT MP 33.20	TO ROUTE 0011 (SCOTTY'S CASTLE ROAD / BONNIE CLAIRE) AT MP 33.25		PUBLIC	15,336	AS	4A
0930	6	1	60260		FURNACE CREEK AIRSTRIP PARKING	FROM END OF ROUTE 0202 (FURNACE CREEK AIRPORT ROAD)	TO PARKING		PUBLIC	247,869	AS	2A
0931	6	1	60891		HARMONY BORAX WORKS PARKING	FROM ROUTE 0501 (HARMONY BORAX WORKS ROAD) AT MP 0.19	TO ROUTE 0501 (HARMONY BORAX WORKS ROAD) AT MP 0.22		PUBLIC	20,721	AS	2A
0932	6	1	102641		MUD CANYON MUSHROOM PARKING AREA	ADJACENT TO ROUTE 0011 (SCOTTY'S CASTLE ROAD / BONNIE CLAIRE) AT MP 0.75			PUBLIC	19,710	AS	3
0933	6	1	102646		STOVEPIPE WELLS RANGER STATION PARKING	FROM ROUTE 5001 (CA-190 / DEATH VALLEY SCENIC BYWAY) AT MM 86.13	TO PARKING		PUBLIC	6,810	AS	5
0934	6	1	51689		RYAN KIOSK PULLOUT	FROM ROUTE 5001 (CA-190 / DEATH VALLEY SCENIC BYWAY) AT MM 122.90	TO ROUTE 5001 (CA-190 / DEATH VALLEY SCENIC BYWAY) AT MM 122.85		PUBLIC	12,916	AS	1
0935	6	1	102644		TEXAS SPRINGS DUMP STATION PULLOUT	FROM ROUTE 0204A (TEXAS SPRING / SUNSET CAMPGROUND ACCESS ROAD) AT MP 0.52	TO ROUTE 0204A (TEXAS SPRING / SUNSET CAMPGROUND ACCESS ROAD) AT MP 0.55		PUBLIC	2,568	AS	2A
0936	6	1	102645		FURNACE CREEK DUMP STATION PULLOUT	FROM ROUTE 5001 (CA-190 / DEATH VALLEY SCENIC BYWAY) AT MM 110.52	TO ROUTE 5001 (CA-190 / DEATH VALLEY SCENIC BYWAY) AT MM 110.42		PUBLIC	8,757	AS	2A
0937	6	1	112451		BEATTY ENTRANCE PARKING	ADJACENT TO ROUTE 0010 (DAYLIGHT PASS / MUD CANYON ROAD) AT MP 17.29			PUBLIC	2,838	AS	3
0938	6	1	112452		HELL'S GATE DAY USE PARKING	ADJACENT TO ROUTE 0010 (DAYLIGHT PASS / MUD CANYON ROAD) AT MP 6.79			PUBLIC	12,192	AS	3

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DEVA Death Valley National Park

PARKING AREA INVENTORY (1300 SERIES FMSS LOCATIONS)

Route No.	Cycle Collected	Iteration Collected	FMSS Number	Concession	Route Name	Route Description		Maintenance District	Access Level	Area (SQ FT)	Surf. Type	Area Map
						From	To					
0939ZZ	6	1	112450	■	STOVEPIPE WELLS VILLAGE PARKING LOTS	FROM ROUTE 5001 (CA-190 / DEATH VALLEY SCENIC BYWAY) AT MM 86.00 AND ROUTE 0329 (STOVEPIPE WELLS HOUSING ROAD)	TO PARKING		PUBLIC	116,136	AS	5
0941	6	1	102627		COW CREEK MAINTENANCE ADMINISTRATIVE PARKING (CURATORIAL AND RESEARCH FACILITY)	ADJACENT ROUTE 0400ZZ (COW CREEK SERVICE ROADS)			NONPUBLIC	2,446	AS	2B
0942	6	1	238454		SUNSET CAMPGROUND DUMP STATION PULLOUT	FROM ROUTE 0203ZZ (SUNSET CAMPGROUND ROADS)	TO ROUTE 0203ZZ (SUNSET CAMPGROUND ROADS)		PUBLIC	2,243	AS	2A
0943	6	1	114308		SALT PAN DORM PARKING	FROM ROUTE 0408 (SALT PAN VISTA ROAD)	TO PARKING		PUBLIC	5,248	AS	2B
0944	6	1	111688		STOVEPIPE WELLS SAND DUNES PARKING AREA	FROM ROUTE 5001 (CA-190 / DEATH VALLEY SCENIC BYWAY) AT MM 87.88	TO PARKING		PUBLIC	52,498	AS	3
0945	6	1	238452		FATHER CROWLEY PARKING AREA	FROM ROUTE 5001 (CA-190 / DEATH VALLEY SCENIC BYWAY) AT MM 47.43	TO ROUTE 0318 (PADRE POINT ROAD)		PUBLIC	30,378	AS	6
0946	NC		113440		BREAKFAST CANYON PARKING AREA	FROM ROUTE 0416 (BREAKFAST CANYON ROAD)	TO PARKING		NONPUBLIC	1,440	GR	
0947	NC		112445		FURNACE CREEK DAY USE AREA PARKING	FROM ROUTE 5001 (CA-190 / DEATH VALLEY SCENIC BYWAY) AT MM 110.57	TO PARKING		PUBLIC	58,890	GR	
0948	NC		111170		EMIGRANT CAMPGROUND PARKING	FROM ROUTE 5001 (CA-190 / DEATH VALLEY SCENIC BYWAY) AT MM 76.63	TO PARKING		PUBLIC	3,168	NV	
0949	6	1	245455		NORTHEAST BOUNDARY ENTRANCE SIGN PARKING	ADJACENT TO ROUTE 0011 (SCOTTY'S CASTLE ROAD / BONNIE CLAIRE) AT MP 40.87			PUBLIC	6,578	AS	4
0950	6	1	245456		STOVEPIPE WELLS AIRSTRIP PARKING	FROM END OF ROUTE 0230 (STOVEPIPE WELLS LANDING STRIP ROAD)	TO AIRSTRIP		PUBLIC	17,580	AS	5
0951	6	1	245457		SUNSET CAMPGROUND HANDICAPPED PARKING	ADJACENT TO ROUTE 0203ZZ (SUNSET CAMPGROUND ROADS)			PUBLIC	9,338	AS	2A

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DEVA Death Valley National Park

PARKING AREA INVENTORY (1300 SERIES FMSS LOCATIONS)

Route No.	Cycle Collected	Iteration Collected	FMSS Number	Concession	Route Name	Route Description		Maintenance District	Access Level	Area (SQ FT)	Surf. Type	Area Map
						From	To					
0952ZZ	6	1	245459		FURNACE CREEK CAMPGROUND PARKING AREAS	ADJACENT TO ROUTE 0201ZZ (FURNACE CREEK CAMPGROUND ROADS)			PUBLIC	24,815	AS	2A
0953	6	1	246802		FURNACE CREEK CAMPGROUND DUMP STATION PULLOUT	FROM ROUTE 0201ZZ (FURNACE CREEK CAMPGROUND ROADS)	TO ROUTE 0201ZZ (FURNACE CREEK CAMPGROUND ROADS)		PUBLIC	4,935	AS	2A
0954	6	1	246803		TEXAS SPRINGS CAMPGROUND GROUP PARKING	FROM ROUTE 0204BZZ (TEXAS SPRING CAMPGROUND LOOPS)	TO ROUTE 0204BZZ (TEXAS SPRING CAMPGROUND LOOPS)		PUBLIC	3,658	AS	2A

Cycle 6 NPS / RIP Route ID Report

(Numerical By Summary Route and Subcomponent #)



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:

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Cycle 6 Summary Totals for Death Valley National Park

Cycle 6 Route Totals			
	NPS Maintained	Concessionaire Maintained	Park Totals
Paved Roads, Data Collection Vehicle Rated (Miles)	193.66	0.13	193.79
Paved Roads, Manually Rated Length (Miles)	4.33	0	4.33
Paved Roads, Manually Rated Area (Sq. Ft.)	0	0	0
Unpaved Roads (Miles)	872.56	0.06	872.62
Paved Parking (Sq. Ft.)	1,006,532	116,136	1,122,668
Unpaved Parking (Sq. Ft.)	138,049	0	138,049

Cycle 6 Lane Miles and Overall Pavement Condition		
	Lanes Miles*	Pavement Condition Rating**
Data Collection Vehicle Routes	359.04	91
Manually Rated Roads	7.90	6
Parking Areas	19.33	64

* 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

Cycle 6 NPS / RIP Route ID Report

(Numerical By Summary Route and Subcomponent #)



Shading Color Key

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General Park Road Functional Classification (FC) Table

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

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.

NPS / RIP Subcomponent Details for DEVA

(Numerical By Summary Route and Subcomponent #)



Shading Color Key

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Grey = Paved Routes, DCV not Driven

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DEVA Death Valley National Park

SUMMARY ROUTE INVENTORY FOR ROADS (1100 SERIES FMSS LOCATIONS)

Route Number	FMSS Number	Cycle Collected	Iteration Collected	Concession	Route Name	Route Description		Paved Miles	Unpaved Miles	Total Mileage	Functional Class	Area (SQ FT)
						From	To					
0014ZZ	51715	6	1		EMIGRANT CANYON ROAD	FROM ROUTE 5001 (CA-190 / DEATH VALLEY SCENIC BYWAY) AT MM 76.52	TO BEGINNING OF ROUTE 5004 (EMIGRANT CANYON ROAD (NON NPS))	25.13	0.00	25.13	2	
0201ZZ	47986	6	1		FURNACE CREEK CAMPGROUND ROADS	FROM ROUTE 5001 (CA-190 / DEATH VALLEY SCENIC BYWAY) AT MM 110.06	THROUGH FURNACE CREEK CAMPGROUND	1.20	0.41	1.61	3	
0203ZZ	102576	6	1		SUNSET CAMPGROUND ROADS	FROM ROUTE 0204A (TEXAS SPRING / SUNSET CAMPGROUND ACCESS ROAD)	THROUGH SUNSET CAMPGROUND	1.97	0.00	1.97	3	
0204BZZ	103243	6	1		TEXAS SPRING CAMPGROUND LOOPS	FROM END OF ROUTE 0204A (TEXAS SPRING / SUNSET CAMPGROUND ACCESS ROAD)	THROUGH TEXAS SPRING CAMPGROUND	1.40	0.00	1.40	3	
0212BZZ	103474	6	1		MESQUITE SPRING CAMPGROUND ROADS	FROM END OF ROUTE 0212A (MESQUITE SPRING CAMPGROUND ACCESS ROAD)	THROUGH MESQUITE SPRING CAMPGROUND	0.92	0.00	0.92	3	
0400ZZ	51497	6	1		COW CREEK SERVICE ROADS	FROM ROUTE 5001 (CA-190 / DEATH VALLEY SCENIC BYWAY) AT MM 107.41	TO COW CREEK PARKING AREAS	0.61	0.00	0.61	5	
0407ZZ	102579	6	1		GRAPEVINE SERVICE AND RESIDENCE ROADS	FROM ROUTE 0011 (SCOTTY'S CASTLE ROAD / BONNIE CLAIRE) AT MP 33.08	TO END	0.16	0.00	0.16	5	

NPS / RIP Subcomponent Details for DEVA

(Numerical By Summary Route and Subcomponent #)



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DEVA Death Valley National Park

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

Route Number	FMSS Number	Cycle Collected	Iteration Collected	Concession	Route Name	Route Description		User Access	Area (SQ FT)
						From	To		
0901ZZ	60889	6	1		UBEHEBE CRATER PARKING LOTS	ADJACENT TO ROUTE 0109 (UBEHEBE CRATER ROAD) AT MP 6.05		PUBLIC	7,999
0909ZZ	51498	6	1		COW CREEK ADMINISTRATIVE PARKING LOTS	ADJACENT TO ROUTE 0400ZZ (COW CREEK SERVICE ROADS)		PUBLIC	14,938
0939ZZ	112450	6	1	■	STOVEPIPE WELLS VILLAGE PARKING LOTS	FROM ROUTE 5001 (CA-190 / DEATH VALLEY SCENIC BYWAY) AT MM 86.00 AND ROUTE 0329 (STOVEPIPE WELLS HOUSING ROAD)	TO PARKING	PUBLIC	116,136
0952ZZ	245459	6	1		FURNACE CREEK CAMPGROUND PARKING AREAS	ADJACENT TO ROUTE 0201ZZ (FURNACE CREEK CAMPGROUND ROADS)		PUBLIC	24,815

DEVA-0014ZZ Subcomponent Breakdown

Route Number	FMSS Number	Cycle Collected	Iteration Collected	Concession	Route Name	Route Description		Paved Miles	Unpaved Miles	Total Mileage	Functional Class	Area (SQ FT)
						From	To					
0014AZ	51715	6	1		EMIGRANT CANYON ROAD (SECTION A)	FROM ROUTE 5001 (CA-190 / DEATH VALLEY SCENIC BYWAY) AT MM 76.52	TO BEGINNING OF ROUTE 0014BZ (EMIGRANT CANYON ROAD (SECTION B)) AND INTERSECTION WITH ROUTE 0112 (CHARCOAL KILNS ROAD)	21.25	0.00	21.25	2	
0014BZ	51715	6	1		EMIGRANT CANYON ROAD (SECTION B)	FROM END OF ROUTE 0014AZ (EMIGRANT CANYON ROAD (SECTION A)) AND INTERSECTION WITH ROUTE 0112 (CHARCOAL KILNS ROAD)	TO BEGINNING OF ROUTE 5004 (EMIGRANT CANYON ROAD (NON NPS))	3.88	0.00	3.88	2	

NPS / RIP Subcomponent Details for DEVA

(Numerical By Summary Route and Subcomponent #)



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DEVA Death Valley National Park

DEVA-0201ZZ Subcomponent Breakdown

Route Number	FMSS Number	Cycle Collected	Iteration Collected	Concession	Route Name	Route Description		Paved Miles	Unpaved Miles	Total Mileage	Functional Class	Area (SQ FT)
						From	To					
0201AZ	47986	6	1		FURNACE CREEK CAMPGROUND ENTRANCE AND LOOP A	FROM ROUTE 5001 (CA-190 / DEATH VALLEY SCENIC BYWAY) AT MM 110.06	TO END OF LOOP AT ROUTE 0201AZ (FURNACE CREEK CAMPGROUND ENTRANCE AND LOOP A)	0.54	0.00	0.54	3	
0201BZ	47986	6	1		FURNACE CREEK CAMPGROUND LOOP B	FROM ROUTE 0201AZ (FURNACE CREEK CAMPGROUND ENTRANCE AND LOOP A) AT MP 0.28	TO ROUTE 0201AZ (FURNACE CREEK CAMPGROUND ENTRANCE AND LOOP A) AT MP 0.54	0.25	0.00	0.25	3	
0201CZ	47986	6	1		FURNACE CREEK CAMPGROUND LOOP C	FROM ROUTE 0201BZ (FURNACE CREEK CAMPGROUND LOOP B) AT MP 0.06	TO ROUTE 0201BZ (FURNACE CREEK CAMPGROUND LOOP B) AT MP 0.17	0.14	0.00	0.14	3	
0201DZ	47986	6	1		FURNACE CREEK CAMPGROUND LOOP D (WALK-IN SITES)	FROM ROUTE 0201AZ (FURNACE CREEK CAMPGROUND ENTRANCE AND LOOP A)	TO END OF LOOP	0.24	0.00	0.24	3	
0201EZ	47986	6	1		FURNACE CREEK CAMPGROUND LOOP A CUT-THROUGH	FROM ROUTE 0201AZ (FURNACE CREEK CAMPGROUND ENTRANCE AND LOOP A) AT MP 0.29	TO ROUTE 0201AZ (FURNACE CREEK CAMPGROUND ENTRANCE AND LOOP A) AT MP 0.43	0.04	0.00	0.04	3	
0201FZ	47986				FURNACE CREEK CAMPGROUND GROUP SITE 1 UNPAVED LOOP	FROM ROUTE 0201DZ (FURNACE CREEK CAMPGROUND LOOP D (WALK-IN SITES))	TO END OF LOOP	0.00	0.29	0.29	3	
0201GZ	47986				FURNACE CREEK CAMPGROUND GROUP SITE 2 UNPAVED LOOP	FROM ROUTE 0201FZ (FURNACE CREEK CAMPGROUND GROUP SITE 1 UNPAVED LOOP)	TO ROUTE 0201FZ (FURNACE CREEK CAMPGROUND GROUP SITE 1 UNPAVED LOOP)	0.00	0.12	0.12	3	

NPS / RIP Subcomponent Details for DEVA

(Numerical By Summary Route and Subcomponent #)



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■ = Concession Route

Yellow = Unpaved Routes, DCV not Driven

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DEVA Death Valley National Park

DEVA-0203ZZ Subcomponent Breakdown

Route Number	FMSS Number	Cycle Collected	Iteration Collected	Concession	Route Name	Route Description		Paved Miles	Unpaved Miles	Total Mileage	Functional Class	Area (SQ FT)
						From	To					
0203AZ	102576	6	1		SUNSET CAMPGROUND ROAD A	FROM ROUTE 0203Z (SUNSET CAMPGROUND ACCESS ROAD) AT MP 0.19	TO ROUTE 0203Z (SUNSET CAMPGROUND ACCESS ROAD) AT MP 0.61	0.15	0.00	0.15	3	
0203BZ	102576	6	1		SUNSET CAMPGROUND ROAD B	FROM ROUTE 0203Z (SUNSET CAMPGROUND ACCESS ROAD) AT MP 0.21	TO ROUTE 0203Z (SUNSET CAMPGROUND ACCESS ROAD) AT MP 0.59	0.14	0.00	0.14	3	
0203CZ	102576	6	1		SUNSET CAMPGROUND ROAD C	FROM ROUTE 0203Z (SUNSET CAMPGROUND ACCESS ROAD) AT MP 0.23	TO ROUTE 0203Z (SUNSET CAMPGROUND ACCESS ROAD) AT MP 0.58	0.14	0.00	0.14	3	
0203DZ	102576	6	1		SUNSET CAMPGROUND ROAD D	FROM ROUTE 0203Z (SUNSET CAMPGROUND ACCESS ROAD) AT MP 0.56	TO ROUTE 0203Z (SUNSET CAMPGROUND ACCESS ROAD) AT MP 0.25	0.14	0.00	0.14	3	
0203EZ	102576	6	1		SUNSET CAMPGROUND ROAD E	FROM ROUTE 0203Z (SUNSET CAMPGROUND ACCESS ROAD) AT MP 0.26	TO ROUTE 0203Z (SUNSET CAMPGROUND ACCESS ROAD) AT MP 0.55	0.13	0.00	0.13	3	
0203FZ	102576	6	1		SUNSET CAMPGROUND ROAD F	FROM ROUTE 0203Z (SUNSET CAMPGROUND ACCESS ROAD) AT MP 0.53	TO ROUTE 0203Z (SUNSET CAMPGROUND ACCESS ROAD) AT MP 0.28	0.13	0.00	0.13	3	
0203GZ	102576	6	1		SUNSET CAMPGROUND ROAD G	FROM ROUTE 0203Z (SUNSET CAMPGROUND ACCESS ROAD) AT MP 0.31	TO ROUTE 0203Z (SUNSET CAMPGROUND ACCESS ROAD) AT MP 0.51	0.12	0.00	0.12	3	
0203HZ	102576	6	1		SUNSET CAMPGROUND ROAD H	FROM ROUTE 0203Z (SUNSET CAMPGROUND ACCESS ROAD) AT MP 0.49	TO ROUTE 0203Z (SUNSET CAMPGROUND ACCESS ROAD) AT MP 0.33	0.11	0.00	0.11	3	
0203IZ	102576	6	1		SUNSET CAMPGROUND ROAD I	FROM ROUTE 0203Z (SUNSET CAMPGROUND ACCESS ROAD) AT MP 0.36	TO ROUTE 0203Z (SUNSET CAMPGROUND ACCESS ROAD) AT MP 0.48	0.08	0.00	0.08	3	
0203JZ	102576	6	1		SUNSET CAMPGROUND ROAD J	FROM ROUTE 0203Z (SUNSET CAMPGROUND ACCESS ROAD) AT MP 0.38	TO ROUTE 0203Z (SUNSET CAMPGROUND ACCESS ROAD) AT MP 0.46	0.06	0.00	0.06	3	
0203Z	102576	6	1		SUNSET CAMPGROUND ACCESS ROAD	FROM ROUTE 0204A (TEXAS SPRING / SUNSET CAMPGROUND ACCESS ROAD)	TO END OF LOOP	0.77	0.00	0.77	3	

NPS / RIP Subcomponent Details for DEVA

(Numerical By Summary Route and Subcomponent #)



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Green = Unpaved Parking Areas

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DEVA Death Valley National Park

DEVA-0204BZZ Subcomponent Breakdown

Route Number	FMSS Number	Cycle Collected	Iteration Collected	Concession	Route Name	Route Description		Paved Miles	Unpaved Miles	Total Mileage	Functional Class	Area (SQ FT)
						From	To					
0204BAZ	103243	6	1		TEXAS SPRING CAMPGROUND LOOP A	FROM END OF ROUTE 0204A (TEXAS SPRING / SUNSET CAMPGROUND ACCESS ROAD)	TO END OF LOOP	0.56	0.00	0.56	3	
0204BBZ	103243	6	1		TEXAS SPRING CAMPGROUND LOOP B	FROM ROUTE 0204BAZ (TEXAS SPRING CAMPGROUND LOOP A) AND END OF ROUTE 0204A (TEXAS SPRING / SUNSET CAMPGROUND ACCESS ROAD)	TO ROUTE 0204BIZ (TEXAS SPRING CAMPGROUND LOOP I) AT MP 0.04	0.14	0.00	0.14	3	
0204BCZ	103243	6	1		TEXAS SPRING CAMPGROUND LOOP C	FROM ROUTE 0204BAZ (TEXAS SPRING CAMPGROUND LOOP A) AT MP 0.10	TO ROUTE 0204BAZ (TEXAS SPRING CAMPGROUND LOOP A) AT MP 0.16	0.10	0.00	0.10	3	
0204BDZ	103243	6	1		TEXAS SPRING CAMPGROUND LOOP D	FROM ROUTE 0204BAZ (TEXAS SPRING CAMPGROUND LOOP A) AT MP 0.23	TO ROUTE 0204BAZ (TEXAS SPRING CAMPGROUND LOOP A) AT MP 0.33	0.09	0.00	0.09	3	
0204BEZ	103243	6	1		TEXAS SPRING CAMPGROUND LOOP E	FROM ROUTE 0204BAZ (TEXAS SPRING CAMPGROUND LOOP A) AT MP 0.20	TO ROUTE 0204BAZ (TEXAS SPRING CAMPGROUND LOOP A) AT MP 0.35	0.10	0.00	0.10	3	
0204BFZ	103243	6	1		TEXAS SPRING CAMPGROUND LOOP F	FROM ROUTE 0204BAZ (TEXAS SPRING CAMPGROUND LOOP A) AT MP 0.18	TO ROUTE 0204BAZ (TEXAS SPRING CAMPGROUND LOOP A) AT MP 0.36	0.11	0.00	0.11	3	
0204BGZ	103243	6	1		TEXAS SPRING CAMPGROUND LOOP G	FROM ROUTE 0204BFZ (TEXAS SPRING CAMPGROUND LOOP F) AT MP 0.03	TO ROUTE 0204BAZ (TEXAS SPRING CAMPGROUND LOOP A) AT MP 0.41	0.08	0.00	0.08	3	
0204BHZ	103243	6	1		TEXAS SPRING CAMPGROUND LOOP H	FROM ROUTE 0204BFZ (TEXAS SPRING CAMPGROUND LOOP F) AT MP 0.02	TO ROUTE 0204BAZ (TEXAS SPRING CAMPGROUND LOOP A) AT MP 0.43	0.09	0.00	0.09	3	
0204BIZ	103243	6	1		TEXAS SPRING CAMPGROUND LOOP I	FROM ROUTE 0204BAZ (TEXAS SPRING CAMPGROUND LOOP A) AT MP 0.01	TO ROUTE 0204BAZ (TEXAS SPRING CAMPGROUND LOOP A) AT MP 0.12	0.13	0.00	0.13	3	

NPS / RIP Subcomponent Details for DEVA

(Numerical By Summary Route and Subcomponent #)



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DEVA Death Valley National Park

DEVA-0212BZZ Subcomponent Breakdown

Route Number	FMSS Number	Cycle Collected	Iteration Collected	Concession	Route Name	Route Description		Paved Miles	Unpaved Miles	Total Mileage	Functional Class	Area (SQ FT)
						From	To					
0212BAZ	103474	6	1		MESQUITE SPRING CAMPGROUND ROAD A, OUTER LOOP	FROM END OF ROUTE 021 2A (MESQUITE SPRING CAMPGROUND ACCESS ROAD)	TO END OF LOOP	0.60	0.00	0.60	3	
0212BBZ	103474	6	1		MESQUITE SPRING CAMPGROUND ROAD B	FROM ROUTE 021 2BAZ (MESQUITE SPRING CAMPGROUND ROAD A, OUTER LOOP) AT MP 0.04	TO ROUTE 021 2BAZ (MESQUITE SPRING CAMPGROUND ROAD A, OUTER LOOP) AT MP 0.55	0.05	0.00	0.05	3	
0212BCZ	103474	6	1		MESQUITE SPRING CAMPGROUND ROAD C	FROM ROUTE 021 2BAZ (MESQUITE SPRING CAMPGROUND ROAD A, OUTER LOOP) AT MP 0.06	TO ROUTE 021 2BAZ (MESQUITE SPRING CAMPGROUND ROAD A, OUTER LOOP) AT MP 0.50	0.09	0.00	0.09	3	
0212BDZ	103474	6	1		MESQUITE SPRING CAMPGROUND ROAD D	FROM ROUTE 021 2BAZ (MESQUITE SPRING CAMPGROUND ROAD A, OUTER LOOP) AT MP 0.09	TO ROUTE 021 2BAZ (MESQUITE SPRING CAMPGROUND ROAD A, OUTER LOOP) AT MP 0.43	0.09	0.00	0.09	3	
0212BEZ	103474	6	1		MESQUITE SPRING CAMPGROUND ROAD E	FROM ROUTE 021 2BAZ (MESQUITE SPRING CAMPGROUND ROAD A, OUTER LOOP) AT MP 0.11	TO ROUTE 021 2BAZ (MESQUITE SPRING CAMPGROUND ROAD A, OUTER LOOP) AT MP 0.34	0.05	0.00	0.05	3	
0212BFZ	103474	6	1		MESQUITE SPRING CAMPGROUND ROAD F	FROM ROUTE 021 2BAZ (MESQUITE SPRING CAMPGROUND ROAD A, OUTER LOOP) AT MP 0.17	TO ROUTE 021 2BAZ (MESQUITE SPRING CAMPGROUND ROAD A, OUTER LOOP) AT MP 0.29	0.04	0.00	0.04	3	

DEVA-0400ZZ Subcomponent Breakdown

Route Number	FMSS Number	Cycle Collected	Iteration Collected	Concession	Route Name	Route Description		Paved Miles	Unpaved Miles	Total Mileage	Functional Class	Area (SQ FT)
						From	To					
0400AZ	51497	6	1		COW CREEK SERVICE ROAD	FROM ROUTE 5001 (CA-190 / DEATH VALLEY SCENIC BYWAY) AT MM 107.41	TO ROUTE 0911 (FIRE RESERVOIR PARKING)	0.53	0.00	0.53	5	
0400BZ	51497	6	1		COW CREEK SERVICE ROAD SPUR	FROM ROUTE 0400AZ (COW CREEK SERVICE ROAD) AT MP 0.48	TO END (NON-NPS PARKING LOT-CALTRANS MAINTENANCE STATION PARKING)	0.08	0.00	0.08	5	

NPS / RIP Subcomponent Details for DEVA

(Numerical By Summary Route and Subcomponent #)



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■ = Concession Route

Yellow = Unpaved Routes, DCV not Driven

Blue = Paved Parking Areas

Green = Unpaved Parking Areas

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DEVA Death Valley National Park

DEVA-0407ZZ Subcomponent Breakdown

Route Number	FMSS Number	Cycle Collected	Iteration Collected	Concession	Route Name	Route Description		Paved Miles	Unpaved Miles	Total Mileage	Functional Class	Area (SQ FT)
						From	To					
0407Z	102579	6	1		GRAPEVINE SERVICE ROAD	FROM ROUTE 0011 (SCOTTY'S CASTLE ROAD / BONNIE CLAIRE) AT MP 33.08	TO ROUTE 0928 (GRAPEVINE MAINTENANCE AREA PARKING)	0.06	0.00	0.06	5	
0409Z	102579	6	1		GRAPEVINE RESIDENCE ROAD	FROM ROUTE 0407Z (GRAPEVINE SERVICE ROAD)	TO END OF PAVEMENT	0.10	0.00	0.10	5	

DEVA-0901ZZ Subcomponent Breakdown

Route Number	FMSS Number	Cycle Collected	Iteration Collected	Concession	Route Name	Route Description		User Access	Area (SQ FT)
						From	To		
0901AZ	60889	6	1		UBEHEBE CRATER PARKING A	ADJACENT TO ROUTE 0109 (UBEHEBE CRATER ROAD) ON RIGHT		PUBLIC	4,947
0901BZ	60889	6	1		UBEHEBE CRATER PARKING B	ADJACENT TO ROUTE 0109 (UBEHEBE CRATER ROAD) ON LEFT		PUBLIC	3,052

NPS / RIP Subcomponent Details for DEVA

(Numerical By Summary Route and Subcomponent #)



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

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

DEVA Death Valley National Park

DEVA-0909ZZ Subcomponent Breakdown

Route Number	FMSS Number	Cycle Collected	Iteration Collected	Concession	Route Name	Route Description		User Access	Area (SQ FT)
						From	To		
0909AZ	51498	6	1		COW CREEK ADMINISTRATIVE PARKING A	ADJACENT TO ROUTE 0400AZ (COW CREEK SERVICE ROAD) AT MP 0.31 ON RIGHT		PUBLIC	3,278
0909BZ	51498	6	1		COW CREEK ADMINISTRATIVE PARKING B	ADJACENT TO ROUTE 0400AZ (COW CREEK SERVICE ROAD) AT MP 0.35 ON RIGHT		PUBLIC	2,698
0909CZ	51498	6	1		COW CREEK ADMINISTRATIVE PARKING C	ADJACENT TO ROUTE 0400AZ (COW CREEK SERVICE ROAD) AT MP 0.34 ON LEFT		PUBLIC	4,964
0909DZ	51498	6	1		COW CREEK ADMINISTRATIVE PARKING D	ADJACENT TO ROUTE 0400AZ (COW CREEK SERVICE ROAD) AT MP 0.39 ON LEFT		PUBLIC	3,998

NPS / RIP Subcomponent Details for DEVA

(Numerical By Summary Route and Subcomponent #)



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

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

DEVA Death Valley National Park

DEVA-0939ZZ Subcomponent Breakdown

Route Number	FMSS Number	Cycle Collected	Iteration Collected	Concession	Route Name	Route Description		User Access	Area (SQ FT)
						From	To		
0939AZ	112450	6	1	■	STOVEPIPE WELLS VILLAGE HOTEL PARKING	FROM ROUTE 5001 (CA-190 / DEATH VALLEY SCENIC BYWAY) AT MM 85.78 AND ROUTE 0230 (STOVEPIPE WELLS LANDING STRIP ROAD)	TO PARKING	PUBLIC	30,057
0939BZ	112450	6	1	■	STOVEPIPE WELLS VILLAGE SALOON PARKING	FROM ROUTE 5001 (CA-190 / DEATH VALLEY SCENIC BYWAY) AT MM 85.88	TO PARKING	PUBLIC	21,382
0939CZ	112450	6	1	■	STOVEPIPE WELLS VILLAGE GAS STATION	FROM ROUTE 5001 (CA-190 / DEATH VALLEY SCENIC BYWAY) AT MM 85.89	TO PARKING	PUBLIC	15,054
0939DZ	112450	6	1	■	STOVEPIPE WELLS VILLAGE GENERAL STORE PARKING	FROM ROUTE 5001 (CA-190 / DEATH VALLEY SCENIC BYWAY) AT MM 85.85	TO ROUTE 0331 (STOVEPIPE WELLS CONCESSIONS CAMPGROUND ROAD)	PUBLIC	18,956
0939EZ	112450	6	1	■	STOVEPIPE WELLS VILLAGE 49ER ROOMS PARKING	FROM ROUTE 0329 (STOVEPIPE WELLS HOUSING ROAD) ON RIGHT	TO PARKING	PUBLIC	6,525
0939FZ	112450	6	1	■	STOVEPIPE WELLS VILLAGE ROADRUNNER PARKING	FROM ROUTE 0329 (STOVEPIPE WELLS HOUSING ROAD) ON LEFT	TO PARKING	PUBLIC	23,543
0939GZ	112450	6	1	■	STOVEPIPE WELLS VILLAGE 49ER BUILDING HANDICAP PAD	FROM UNPAVED PARKING AREA AT THE 49ER BUILDING	TO PARKING	PUBLIC	619

NPS / RIP Subcomponent Details for DEVA

(Numerical By Summary Route and Subcomponent #)



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

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

DEVA Death Valley National Park

DEVA-0952ZZ Subcomponent Breakdown

Route Number	FMSS Number	Cycle Collected	Iteration Collected	Concession	Route Name	Route Description		User Access	Area (SQ FT)
						From	To		
0952AZ	245459	6	1		FURNACE CREEK CAMPGROUND ENTRANCE KIOSK PARKING	ADJACENT TO ROUTE 0201AZ (FURNACE CREEK CAMPGROUND ENTRANCE AND LOOP A) AT MP 0.16 ON LEFT		PUBLIC	1,889
0952BZ	245459	6	1		FURNACE CREEK CAMPGROUND RESTROOM 1 PARKING A	ADJACENT TO ROUTE 0201AZ (FURNACE CREEK CAMPGROUND ENTRANCE AND LOOP A) AT MP 0.28 ON LEFT		PUBLIC	1,411
0952CZ	245459	6	1		FURNACE CREEK CAMPGROUND RESTROOM 1 PARKING B	ADJACENT TO ROUTE 0201AZ (FURNACE CREEK CAMPGROUND ENTRANCE AND LOOP A) AT MP 0.24 ON LEFT		PUBLIC	1,818
0952DZ	245459	6	1		FURNACE CREEK CAMPGROUND RESTROOM 2 PARKING	ADJACENT TO ROUTE 0201AZ (FURNACE CREEK CAMPGROUND ENTRANCE AND LOOP A) AT MP 0.31 ON LEFT		PUBLIC	1,054
0952EZ	245459	6	1		FURNACE CREEK CAMPGROUND GROUP SITES 3 AND 4 PARKING	ADJACENT TO ROUTE 0201DZ (FURNACE CREEK CAMPGROUND LOOP D (WALK-IN SITES)) AT MP 0.07 ON RIGHT		PUBLIC	2,023
0952FZ	245459	6	1		FURNACE CREEK CAMPGROUND SITE 115 PARKING	ADJACENT TO ROUTE 0201DZ (FURNACE CREEK CAMPGROUND LOOP D (WALK-IN SITES)) AT MP 0.14 ON RIGHT		PUBLIC	1,922
0952GZ	245459	6	1		FURNACE CREEK CAMPGROUND SITES 116-126 PARKING	ADJACENT TO ROUTE 0201DZ (FURNACE CREEK CAMPGROUND LOOP D (WALK-IN SITES)) AT MP 0.16 ON RIGHT		PUBLIC	3,339
0952HZ	245459	6	1		FURNACE CREEK CAMPGROUND INNER LOOP PARKING	ADJACENT TO ROUTE 0201DZ (FURNACE CREEK CAMPGROUND LOOP D (WALK-IN SITES)) AT MP 0.11 ON LEFT		PUBLIC	2,857
0952IZ	245459	6	1		FURNACE CREEK CAMPGROUND SITES 127-132 PARKING	ADJACENT TO ROUTE 0201DZ (FURNACE CREEK CAMPGROUND LOOP D (WALK-IN SITES)) AT MP 0.19 ON RIGHT		PUBLIC	1,602
0952JZ	245459	6	1		FURNACE CREEK CAMPGROUND SITES 133-142 PARKING	ADJACENT TO ROUTE 0201DZ (FURNACE CREEK CAMPGROUND LOOP D (WALK-IN SITES)) AT MP 0.21 ON RIGHT		PUBLIC	2,013

NPS / RIP Subcomponent Details for DEVA

(Numerical By Summary Route and Subcomponent #)



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

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

DEVA Death Valley National Park

DEVA-0952ZZ Subcomponent Breakdown

Route Number	FMSS Number	Cycle Collected	Iteration Collected	Concession	Route Name	Route Description		User Access	Area (SQ FT)
						From	To		
0952KZ	245459	6	1		FURNACE CREEK CAMPGROUND SITES 143-148 PARKING	ADJACENT TO ROUTE 0201DZ (FURNACE CREEK CAMPGROUND LOOP D (WALK-IN SITES)) AT MP 0.23 ON RIGHT		PUBLIC	2,211
0952LZ	245459	6	1		FURNACE CREEK CAMPGROUND GROUP SITE 5 PARKING	ADJACENT TO ROUTE 0201CZ (FURNACE CREEK CAMPGROUND LOOP C) AT MP 0.03 ON RIGHT		PUBLIC	1,224
0952MZ	245459	6	1		FURNACE CREEK CAMPGROUND RESTROOM 3 PARKING	ADJACENT TO ROUTE 0201CZ (FURNACE CREEK CAMPGROUND LOOP C) AT MP 0.14 ON RIGHT		PUBLIC	1,452

Route Identification Changes to Paved Routes from Previous Cycle Death Valley National Park

ROUTES ADDED FROM PREVIOUS INVENTORY:			
Route No.	Route Name	Type of Change	Comments
0331	STOVEPIPE WELLS CONCESSIONS CAMPGROUND ROAD	OTHER	CONCESSIONAIRE ROUTE ADDED TO THE INVENTORY IN CYCLE 6.
0431	HARRY WADE MIXING TABLE ROAD	OTHER	PAVED MIXING TABLE ROAD WAS ADDED TO THE INVENTORY IN CYCLE 6.
0949	NORTHEAST BOUNDARY ENTRANCE SIGN PARKING	RECENTLY CONSTRUCTED ROUTE	RECENTLY CONSTRUCTED PARKING AREA WAS ADDED TO THE INVENTORY IN CYCLE 6.
0950	STOVEPIPE WELLS AIRSTRIP PARKING	OTHER	PAVED PARKING AREA ADDED TO THE INVENTORY IN CYCLE 6.
0951	SUNSET CAMPGROUND HANDICAPPED PARKING	OTHER	PAVED PARKING AREA ADDED TO THE INVENTORY IN CYCLE 6.
0952ZZ	FURNACE CREEK CAMPGROUND PARKING AREAS	OTHER	PAVED PARKING AREA ADDED TO THE INVENTORY IN CYCLE 6. CONSISTS OF 13 GROUP CAMPSITE OR RESTROOM PARKING LOTS WITHIN THE CAMPGROUND.
0953	FURNACE CREEK CAMPGROUND DUMP STATION PULLOUT	OTHER	PAVED CAMPGROUND DUMP STATION ADDED TO THE INVENTORY IN CYCLE 6.
0954	TEXAS SPRINGS CAMPGROUND GROUP PARKING	OTHER	PAVED PARKING AREA ADDED TO THE INVENTORY IN CYCLE 6.

ROUTES MODIFIED FROM PREVIOUS INVENTORY:			
Route No.	Route Name	Type of Change	Comments
0909ZZ	COW CREEK ADMINISTRATIVE PARKING LOTS	OTHER	ROUTE NAME CHANGED FROM "COW CREEK RESOURCE PARKING LOTS" IN ORDER TO MATCH FMSS. GPS AND SQUARE FOOTAGE WERE ALSO UPDATED.
0910A	COW CREEK MAINTENANCE YARD PARKING	SQ FEET CHANGE	GPS WAS RECOLLECTED TO SHOW CHANGES TO THE PARKING AREA GEOMETRY. IN CYCLE 5 THIS PARKING AREA WAS COMBINED WITH ROUTE 0941.
0918	ZABRISKIE POINT PARKING	SQ FEET CHANGE	GPS WAS RECOLLECTED TO SHOW CHANGES TO THE PARKING AREA GEOMETRY (WIDENED IN PLACES FOR PARKING AROUND THE PERIMETER).
0929	GRAPEVINE RANGER STATION PARKING AREA	RECONSTRUCTED	PARKING AREA WAS RECONSTRUCTED WITH OVERSIZED VEHICLE PARKING ADJACENT TO ROUTE 0011. GPS WAS RECOLLECTED IN CYCLE 6.

Route Identification Changes to Paved Routes from Previous Cycle Death Valley National Park

ROUTES MODIFIED FROM PREVIOUS INVENTORY:			
Route No.	Route Name	Type of Change	Comments
0939ZZ	STOVEPIPE WELLS VILLAGE PARKING LOTS	SQ FEET CHANGE	CONCRETE PARKING PAD WAS FOUND (ROUTE 0939GZ) AND WAS COMBINED WITH ROUTE 0939ZZ.
0941	COW CREEK MAINTENANCE ADMINISTRATIVE PARKING (CURATORIAL AND RESEARCH FACILITY)	SURFACE TYPE CHANGE	ROUTE 0941 WAS INCORRECTLY LISTED AS GRAVEL IN PREVIOUS CYCLES. IN CYCLE 5 ROUTE 0941 WAS COLLECTED AS ROUTE 0910BZ.
5001	CA-190 / DEATH VALLEY SCENIC BYWAY	OTHER	PARK REQUESTED RECOLLECTION OF NON-NPS ROADS FOR UPDATED VIDEO AND GPS TO BE USED FOR SIGN INVENTORIES AND FMSS UPDATES.
5002	PANAMINT VALLEY ROAD	OTHER	PARK REQUESTED RECOLLECTION OF NON-NPS ROADS FOR UPDATED VIDEO AND GPS TO BE USED FOR SIGN INVENTORIES AND FMSS UPDATES.
5003	BADWATER ROAD (NON NPS) / CA-178	OTHER	PARK REQUESTED RECOLLECTION OF NON-NPS ROADS FOR UPDATED VIDEO AND GPS TO BE USED FOR SIGN INVENTORIES AND FMSS UPDATES.
5004	EMIGRANT CANYON ROAD (NON NPS)	OTHER	THIS NON-NPS ROAD COULD NOT BE RECOLLECTED WITH THE DATA COLLECTION VEHICLE (DCV) IN CYCLE 6 BECAUSE THE ROAD WAS WASHED OUT IN PLACES AND NOT SUITABLE FOR THE DCV.

Section 3 Park Summary Information



Death Valley National Park



Federal Lands Highway
Road Inventory Program

Parkwide Paved Route Condition Summary

Death Valley 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	0.90	20.13	19.79	83.78	124.60
2	6.28	25.13	17.98	11.86	61.24
3	1.64	2.60	1.13	2.58	7.95
4					
5	0.26	1.76	1.29	0.46	3.77
6	0.44		0.02	0.06	0.52
7					
8					
Total Mileage by PCR	9.52	49.61	40.22	98.73	198.07
PAVED PARKING					
Access Level	Area (sq. ft.)	Area (sq. ft.)	Area (sq. ft.)	Area (sq. ft.)	Total Area
PUBLIC	511,414	178,316	343,591	37,844	1,071,165
NONPUBLIC	21,682	2,446	27,375		51,503
Total Area by PCR	533,096	180,762	370,966	37,844	1,122,668

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

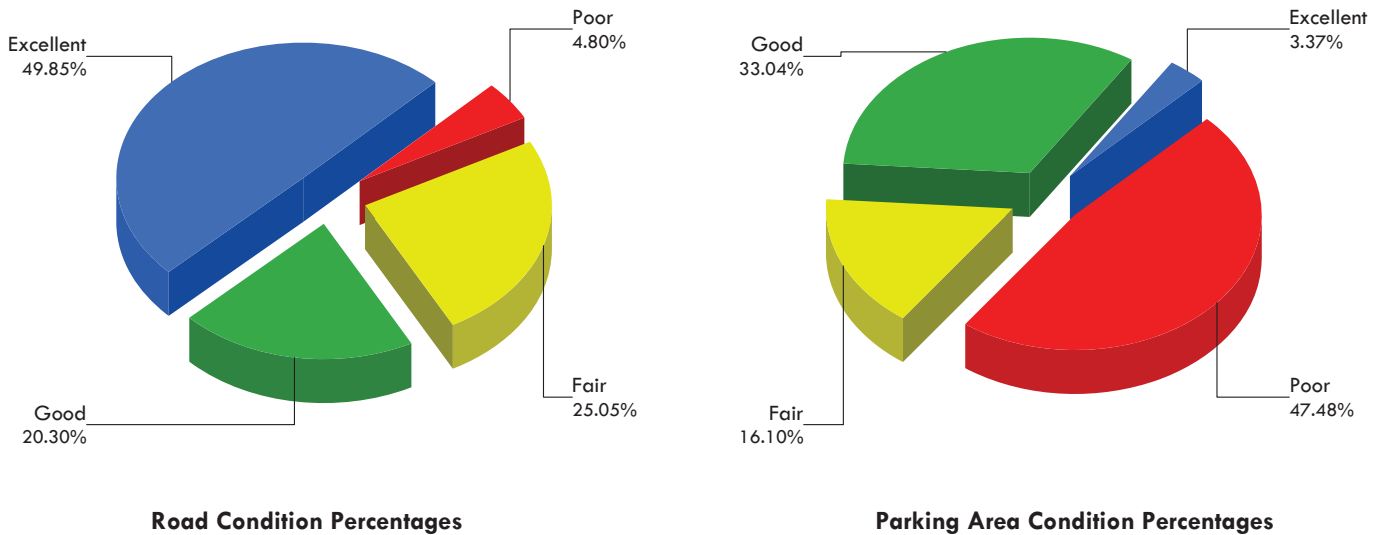
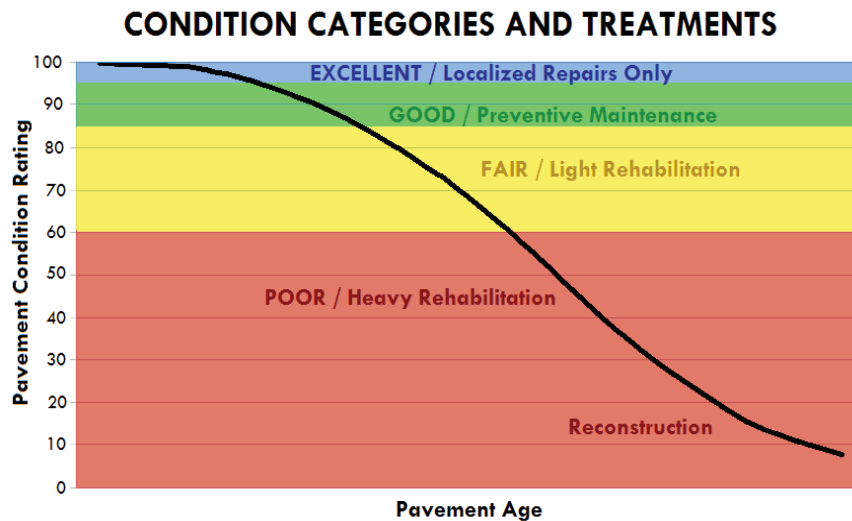


Figure 1: Pavement Condition Rating Breakdown for Paved Roads and Parking Areas

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
 - o Pavements in this range will require only spot repairs
- Good: PCR of 85-94
 - o 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
 - o 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
 - o 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.



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

Condition (Rating / Index) Legend

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

Death Valley National Park

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
DEVA-0010	51714	DAYLIGHT PASS / MUD CANYON ROAD	1	AS	17.36	99	100	99	99	100	99	99	100	100
DEVA-0011	51717	SCOTTY'S CASTLE ROAD / BONNIE CLAIRE	1	AS	40.89	100	100	100	100	100	100	100	100	100
DEVA-0012	51496	BEATTY CUTOFF ROAD	1	AS	10.07	84	74	91	100	100	100	100	100	91
DEVA-0014AZ	51715	EMIGRANT CANYON ROAD (SECTION A)	2	AS	21.25	84	70	94	97	100	97	98	98	94
DEVA-0015	51502	BADWATER ROAD	1	AS	56.28	91	92	91	94	100	94	91	100	98
DEVA-0103	51503	DANTE'S VIEW ROAD	2	AS	13.26	85	89	82	90	100	90	82	100	90
DEVA-0109	51718	UBEHEBE CRATER ROAD	2	AS	6.28	98	97	99	100	100	100	99	100	100
DEVA-0112	60877	CHARCOAL KILNS ROAD	2	AS	5.09	72	53	84	91	100	91	84	99	93
DEVA-0116	102575	WILDROSE CAMPGROUND ROAD	2	AS	0.09	43	NR	43	68	88	80	43	98	90
DEVA-0201AZ	47986	FURNACE CREEK CAMPGROUND ENTRANCE AND LOOP A	3	AS	0.54	98	NR	98	100	100	100	100	100	98
DEVA-0201BZ	47986	FURNACE CREEK CAMPGROUND LOOP B	3	AS	0.25	96	NR	96	100	100	100	100	100	96
DEVA-0201CZ	47986	FURNACE CREEK CAMPGROUND LOOP C	3	AS	0.14	96	NR	96	100	100	100	100	100	96
DEVA-0201DZ	47986	FURNACE CREEK CAMPGROUND LOOP D (WALK-IN SITES)	3	AS	0.24	98	NR	98	99	100	99	100	100	98
DEVA-0201EZ	47986	FURNACE CREEK CAMPGROUND LOOP A CUT-THROUGH	3	AS	0.04	88	NR	88	100	100	100	100	100	88
DEVA-0202	51677	FURNACE CREEK AIRPORT ROAD	3	AS	0.78	70	63	74	80	100	80	74	100	97
DEVA-0203AZ	102576	SUNSET CAMPGROUND ROAD A	3	AS	0.15	65	NR	65	65	100	65	71	100	90
DEVA-0203BZ	102576	SUNSET CAMPGROUND ROAD B	3	AS	0.14	71	NR	71	71	100	71	72	99	95
DEVA-0203CZ	102576	SUNSET CAMPGROUND ROAD C	3	AS	0.14	75	NR	75	76	100	76	75	100	94
DEVA-0203DZ	102576	SUNSET CAMPGROUND ROAD D	3	AS	0.14	79	NR	79	84	100	84	79	99	97



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

Condition (Rating / Index) Legend

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

Death Valley National Park

- 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
DEVA-0203EZ	102576	SUNSET CAMPGROUND ROAD E	3	AS	0.13	75	NR	75	87	100	87	75	100	92
DEVA-0203FZ	102576	SUNSET CAMPGROUND ROAD F	3	AS	0.13	68	NR	68	68	100	68	72	99	93
DEVA-0203GZ	102576	SUNSET CAMPGROUND ROAD G	3	AS	0.12	65	NR	65	65	100	65	75	95	94
DEVA-0203HZ	102576	SUNSET CAMPGROUND ROAD H	3	AS	0.11	63	NR	63	63	100	63	78	98	93
DEVA-0203IZ	102576	SUNSET CAMPGROUND ROAD I	3	AS	0.08	57	NR	57	57	100	57	71	96	87
DEVA-0203JZ	102576	SUNSET CAMPGROUND ROAD J	3	AS	0.06	59	NR	59	59	100	59	71	100	95
DEVA-0203Z	102576	SUNSET CAMPGROUND ACCESS ROAD	3	AS	0.77	74	NR	74	79	100	79	74	99	95
DEVA-0204A	60878	TEXAS SPRING / SUNSET CAMPGROUND ACCESS ROAD	2	AS	0.66	88	NR	88	91	100	91	88	100	96
DEVA-0204BAZ	103243	TEXAS SPRING CAMPGROUND LOOP A	3	AS	0.56	97	NR	97	100	100	100	100	100	97
DEVA-0204BBZ	103243	TEXAS SPRING CAMPGROUND LOOP B	3	AS	0.14	99	NR	99	100	100	100	100	100	99
DEVA-0204BCZ	103243	TEXAS SPRING CAMPGROUND LOOP C	3	AS	0.10	99	NR	99	100	100	100	100	100	99
DEVA-0204BDZ	103243	TEXAS SPRING CAMPGROUND LOOP D	3	AS	0.09	100	NR	100	100	100	100	100	100	100
DEVA-0204BEZ	103243	TEXAS SPRING CAMPGROUND LOOP E	3	AS	0.10	99	NR	99	100	100	100	100	100	99
DEVA-0204BFZ	103243	TEXAS SPRING CAMPGROUND LOOP F	3	AS	0.11	99	NR	99	100	100	100	100	100	99
DEVA-0204BGZ	103243	TEXAS SPRING CAMPGROUND LOOP G	3	AS	0.08	100	NR	100	100	100	100	100	100	100
DEVA-0204BHZ	103243	TEXAS SPRING CAMPGROUND LOOP H	3	AS	0.09	99	NR	99	99	100	99	100	100	99
DEVA-0204BIZ	103243	TEXAS SPRING CAMPGROUND LOOP I	3	AS	0.13	99	NR	99	100	100	100	100	100	99
DEVA-0206	102577	TIMBISHA SHOSHONE VILLAGE ROAD	3	AS	0.61	87	79	93	99	100	99	96	100	93
DEVA-0212A	60882	MESQUITE SPRING CAMPGROUND ACCESS ROAD	2	AS	1.88	100	100	100	100	100	100	100	100	100



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

Death Valley 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
DEVA-0212BAZ	103474	MESQUITE SPRING CAMPGROUND ROAD A, OUTER LOOP	3	AS	0.60	0	NR	0	0	100	0	18	100	97
DEVA-0212BBZ	103474	MESQUITE SPRING CAMPGROUND ROAD B	3	AS	0.05	59	NR	59	80	100	80	59	100	94
DEVA-0212BCZ	103474	MESQUITE SPRING CAMPGROUND ROAD C	3	AS	0.09	0	NR	0	0	100	0	39	100	93
DEVA-0212BDZ	103474	MESQUITE SPRING CAMPGROUND ROAD D	3	AS	0.09	0	NR	0	40	100	40	0	99	96
DEVA-0212BEZ	103474	MESQUITE SPRING CAMPGROUND ROAD E	3	AS	0.05	23	NR	23	58	100	58	23	100	97
DEVA-0212BFZ	103474	MESQUITE SPRING CAMPGROUND ROAD F	3	AS	0.04	13	NR	13	45	100	45	13	100	97
DEVA-0230	102583	STOVEPIPE WELLS LANDING STRIP ROAD	3	AS	0.51	61	42	74	74	100	74	88	100	93
DEVA-0329	238449	STOVEPIPE WELLS HOUSING ROAD	3	AS	0.21	89	NR	89	89	100	89	92	100	94
DEVA-0331	245454	STOVEPIPE WELLS CONCESSIONS CAMPGROUND ROAD	3	AS	0.13	92	NR	92	99	100	99	99	99	92
DEVA-0400AZ	51497	COW CREEK SERVICE ROAD	5	AS	0.53	96	NR	96	97	100	97	97	98	96
DEVA-0400BZ	51497	COW CREEK SERVICE ROAD SPUR	5	AS	0.08	92	NR	92	92	100	92	95	100	92
DEVA-0401	47981	OLD GHOST ROAD	5	AS	1.30	83	69	93	97	100	97	93	99	95
DEVA-0402	47985	SKYLINE ROAD	5	AS	0.83	76	51	92	99	100	99	97	99	92
DEVA-0403	47984	COYOTE LOOP ROAD	5	AS	0.28	75	NR	75	75	100	75	84	99	89
DEVA-0405	47983	NEVARES ROAD	5	AS	0.07	95	NR	95	100	100	100	100	100	95
DEVA-0407Z	102579	GRAPEVINE SERVICE ROAD	5	AS	0.06	81	NR	81	81	97	84	90	99	86
DEVA-0408	64578	SALT PAN VISTA ROAD	5	AS	0.30	72	NR	72	72	100	72	85	100	93
DEVA-0409Z	102579	GRAPEVINE RESIDENCE ROAD	5	AS	0.10	53	NR	53	53	91	62	78	99	92
DEVA-0412	102581	WILDROSE RESIDENCE ROAD	5	AS	0.11	74	NR	74	88	100	88	74	94	87



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

Death Valley 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
DEVA-0415	47987	SIMS CIRCLE RV PARK ROAD	6	AS	0.08	98	NR	98	100	100	100	98	100	98
DEVA-0430	238451	SKYLINE LOOP ROAD	5	AS	0.08	83	NR	83	89	100	89	87	99	83
DEVA-0500	51678	ARTISTS DRIVE	2	AS	8.89	82	73	88	91	100	91	88	100	95
DEVA-0501	102584	HARMONY BORAX WORKS ROAD	3	AS	0.23	92	NR	92	99	100	99	98	100	92
DEVA-0507	115294	CANYON VIEW COURT	5	AS	0.04	88	NR	88	100	100	100	99	100	88



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

Death Valley 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
DEVA-0014BZ	51715	EMIGRANT CANYON ROAD (SECTION B)	2	AS	3.88	0	NR	0	NR	NR	NR	NR	NR	NR
DEVA-0431	246801	HARRY WADE MIXING TABLE ROAD	6	AS	0.44	30	NR	30	NR	73	30	53	73	73
DEVA-0506	115293	DONNIE LANE	5	AS	0.02	90	NR	90	NR	97	97	90	97	90



Cycle 6 - Road Inventory Program Parking Area Condition Summary Report

Death Valley 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.

Route No.	FMSS No.	Route Name	User Access	Surf. Type	Area (Sq. Ft.)	Pavement Condition Rating (PCR)	Asphalt Surface Distresses						Concrete Surface Distresses					
							Alligator Cracking	Longitudinal / Transverse Cracking	Rutting / Distortions	Potholes / Patching	HMA Patching	Surface Raveling / Bleeding	Joint Faulting	Slab Cracking	Joint Distresses	Delamination / Pop-Outs	Potholes / Patching	
DEVA-0900	60888	SCOTTY'S CASTLE PARKING	PUBLIC	AS	98,777	53	90	53	73	90	97	73						
DEVA-0901AZ	60889	UBEHEBE CRATER PARKING A	PUBLIC	AS	4,947	90	97	90	97	97	97	97						
DEVA-0901BZ	60889	UBEHEBE CRATER PARKING B	PUBLIC	AS	3,052	90	97	90	97	97	97	97						
DEVA-0903	60890	EMIGRANT REST AREA PARKING	PUBLIC	AS	25,256	73	73	90	90	97	97	73						
DEVA-0906	102624	WILDROSE UTILITY AREA PARKING	NONPUBLIC	AS	8,709	30	90	53	53	30	97	73						
DEVA-0908	103952	SIMS CIRCLE PARKING	PUBLIC	AS	17,884	53	53	53	90	97	97	73						
DEVA-0909AZ	51498	COW CREEK ADMINISTRATIVE PARKING A	PUBLIC	AS	3,278	30	30	53	73	73	97	73						
DEVA-0909BZ	51498	COW CREEK ADMINISTRATIVE PARKING B	PUBLIC	AS	2,698	0												
DEVA-0909CZ	51498	COW CREEK ADMINISTRATIVE PARKING C	PUBLIC	AS	4,964	30	30	53	73	53	97	73						
DEVA-0909DZ	51498	COW CREEK ADMINISTRATIVE PARKING D	PUBLIC	AS	3,998	53	73	90	53	53	97	73						
DEVA-0910A	102628	COW CREEK MAINTENANCE YARD PARKING	PUBLIC	AS	63,182	73	90	90	90	90	97	73						
DEVA-0911	103950	FIRE RESERVOIR PARKING	NONPUBLIC	AS	4,156	53	53	90	73	73	97	73						
DEVA-0912	51499	FURNACE CREEK ADMINISTRATIVE PARKING	NONPUBLIC	AS	27,375	90	97	90	97	97	97	90						
DEVA-0913	51675	FURNACE CREEK VISITOR CENTER PARKING	PUBLIC	AS	54,221	90	97	90	97	97	97	90						
DEVA-0915	102629	GOLDEN CANYON PARKING AREA	PUBLIC	AS	19,592	90	97	90	90	97	97	90						
DEVA-0917	102630	BADWATER PARKING AREA	PUBLIC	AS	29,239	90	97	90	97	90	97	90						
DEVA-0918	65516	ZABRISKIE POINT PARKING	PUBLIC	AS	36,154	90	97	90	90	97	97	90						
DEVA-0919	51506	DANTE'S VIEW TRAILER PARKING	PUBLIC	AS	19,238	53	97	53	90	97	97	90						
DEVA-0920	51505	DANTE'S VIEW PARKING AREA	PUBLIC	AS	26,093	53	97	53	90	97	97	90						
DEVA-0926	51504	DANTE'S VIEW REST AREA PARKING	PUBLIC	AS	8,919	53	97	53	97	97	97	90						
DEVA-0927	102632	ARTIST PALETTE PARKING AREA	PUBLIC	AS	26,549	90	97	90	90	97	97	97						
DEVA-0928	59189	GRAPEVINE MAINTENANCE AREA PARKING	NONPUBLIC	AS	8,817	53	97	90	53	90	97	73						
DEVA-0929	102640	GRAPEVINE RANGER STATION PARKING AREA	PUBLIC	AS	15,336	97	97	97	97	97	97	97						
DEVA-0930	60260	FURNACE CREEK AIRSTRIP PARKING	PUBLIC	AS	247,869	30	30	53	53	73	97	73						
DEVA-0931	60891	HARMONY BORAX WORKS PARKING	PUBLIC	AS	20,721	53	90	53	73	97	97	73						
DEVA-0932	102641	MUD CANYON MUSHROOM PARKING AREA	PUBLIC	AS	19,710	90	97	97	90	90	97	90						



Federal Lands Highway
Road Inventory Program

Cycle 6 - Road Inventory Program

Parking Area Condition Summary Report

Death Valley 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.

Route No.	FMSS No.	Route Name	User Access	Surf. Type	Area (Sq. Ft.)	Pavement Condition Rating (PCR)	Asphalt Surface Distresses						Concrete Surface Distresses					
							Alligator Cracking	Longitudinal / Transverse Cracking	Rutting / Distortions	Potholes / Patching	HMA Patching	Surface Raveling / Bleeding	Joint Faulting	Slab Cracking	Joint Distresses	Delamination / Pop-Outs	Potholes / Patching	
DEVA-0933	102646	STOVEPIPE WELLS RANGER STATION PARKING	PUBLIC	AS	6,810	73	90	90	73	97	97	73						
DEVA-0934	51689	RYAN KIOSK PULLOUT	PUBLIC	AS	12,916	73	97	90	90	90	97	73						
DEVA-0935	102644	TEXAS SPRINGS DUMP STATION PULLOUT	PUBLIC	AS	2,568	73	97	97	90	97	97	73						
DEVA-0936	102645	FURNACE CREEK DUMP STATION PULLOUT	PUBLIC	AS	8,757	90	97	90	90	97	97	90						
DEVA-0937	112451	BEATTY ENTRANCE PARKING	PUBLIC	AS	2,838	90	97	90	97	97	97	90						
DEVA-0938	112452	HELL'S GATE DAY USE PARKING	PUBLIC	AS	12,192	73	97	90	90	97	97	73						
DEVA-0939AZ	112450	STOVEPIPE WELLS VILLAGE HOTEL PARKING	PUBLIC	AS	30,057	53	90	53	73	97	97	73						
DEVA-0939BZ	112450	STOVEPIPE WELLS VILLAGE SALOON PARKING	PUBLIC	AS	21,382	73	97	90	90	97	97	73						
DEVA-0939CZ	112450	STOVEPIPE WELLS VILLAGE GAS STATION	PUBLIC	AS	15,054	73	90	90	73	97	97	73						
DEVA-0939DZ	112450	STOVEPIPE WELLS VILLAGE GENERAL STORE PARKING	PUBLIC	AS	18,956	73	90	90	73	97	97	73						
DEVA-0939EZ	112450	STOVEPIPE WELLS VILLAGE 49ER ROOMS PARKING	PUBLIC	AS	6,525	90	97	90	97	97	97	97						
DEVA-0939FZ	112450	STOVEPIPE WELLS VILLAGE ROADRUNNER PARKING	PUBLIC	AS	23,543	90	90	90	90	97	97	90						
DEVA-0939GZ	112450	STOVEPIPE WELLS VILLAGE 49ER BUILDING HANDICAP PAD	PUBLIC	CO	619	90							97	90	97	97	97	
DEVA-0941	102627	COW CREEK MAINTENANCE ADMINISTRATIVE PARKING	NONPUBLIC	AS	2,446	73	97	90	90	97	97	73						
DEVA-0942	238454	SUNSET CAMPGROUND DUMP STATION PULLOUT	PUBLIC	AS	2,243	90	97	90	90	97	97	90						
DEVA-0943	114308	SALT PAN DORM PARKING	PUBLIC	AS	5,248	90	97	90	97	97	97	97						
DEVA-0944	111688	STOVEPIPE WELLS SAND DUNES PARKING AREA	PUBLIC	AS	52,498	90	97	90	97	97	97	90						
DEVA-0945	238452	FATHER CROWLEY PARKING AREA	PUBLIC	AS	30,378	90	97	97	97	97	97	90						
DEVA-0949	245455	NORTHEAST BOUNDARY ENTRANCE SIGN PARKING	PUBLIC	AS	6,578	97	97	97	97	97	97	97						
DEVA-0950	245456	STOVEPIPE WELLS AIRSTRIP PARKING	PUBLIC	AS	17,580	30	30	53	73	73	97	73						
DEVA-0951	245457	SUNSET CAMPGROUND HANDICAPPED PARKING	PUBLIC	AS	9,338	53	73	53	73	97	97	73						
DEVA-0952AZ	245459	FURNACE CREEK CAMPGROUND ENTRANCE KIOSK PARKING	PUBLIC	AS	1,889	90	97	97	90	97	97	97						
DEVA-0952BZ	245459	FURNACE CREEK CAMPGROUND RESTROOM 1 PARKING A	PUBLIC	AS	1,411	97	97	97	97	97	97	97						
DEVA-0952CZ	245459	FURNACE CREEK CAMPGROUND RESTROOM 1 PARKING B	PUBLIC	AS	1,818	97	97	97	97	97	97	97						
DEVA-0952DZ	245459	FURNACE CREEK CAMPGROUND RESTROOM 2 PARKING	PUBLIC	AS	1,054	97	97	97	97	97	97	97						
DEVA-0952EZ	245459	FURNACE CREEK CAMPGROUND GROUP SITES 3 AND 4 PARKING	PUBLIC	AS	2,023	97	97	97	97	97	97	97						



Cycle 6 - Road Inventory Program Parking Area Condition Summary Report

Death Valley 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)	<u>Asphalt Surface Distresses</u>					<u>Concrete Surface Distresses</u>							
							Alligator Cracking	Longitudinal / Transverse Cracking	Rutting / Distortions	Potholes / Patching	HMA Patching	Surface Raveling / Bleeding	Joint Faulting	Slab Cracking	Joint Distresses	Delamination / Pop-Outs	Potholes / Patching		
DEVA-0952FZ	245459	FURNACE CREEK CAMPGROUND SITE 115 PARKING	PUBLIC	AS	1,922	90	97	90	90	90	97	97							
DEVA-0952GZ	245459	FURNACE CREEK CAMPGROUND SITES 116-126 PARKING	PUBLIC	AS	3,339	90	97	90	90	97	97	97							
DEVA-0952HZ	245459	FURNACE CREEK CAMPGROUND INNER LOOP PARKING	PUBLIC	AS	2,857	90	97	97	90	97	97	97							
DEVA-0952IZ	245459	FURNACE CREEK CAMPGROUND SITES 127-132 PARKING	PUBLIC	AS	1,602	90	97	90	97	97	97	97							
DEVA-0952JZ	245459	FURNACE CREEK CAMPGROUND SITES 133-142 PARKING	PUBLIC	AS	2,013	97	97	97	97	97	97	97							
DEVA-0952KZ	245459	FURNACE CREEK CAMPGROUND SITES 143-148 PARKING	PUBLIC	AS	2,211	90	97	90	97	97	97	97							
DEVA-0952LZ	245459	FURNACE CREEK CAMPGROUND GROUP SITE 5 PARKING	PUBLIC	AS	1,224	97	97	97	97	97	97	97							
DEVA-0952MZ	245459	FURNACE CREEK CAMPGROUND RESTROOM 3 PARKING	PUBLIC	AS	1,452	97	97	97	97	97	97	97							
DEVA-0953	246802	FURNACE CREEK CAMPGROUND DUMP STATION PULLOUT	PUBLIC	AS	4,935	97	97	97	97	97	97	97							
DEVA-0954	246803	TEXAS SPRINGS CAMPGROUND GROUP PARKING	PUBLIC	AS	3,658	90	97	90	90	97	97	90							

Section 4 Park Route Location Maps



Death Valley National Park

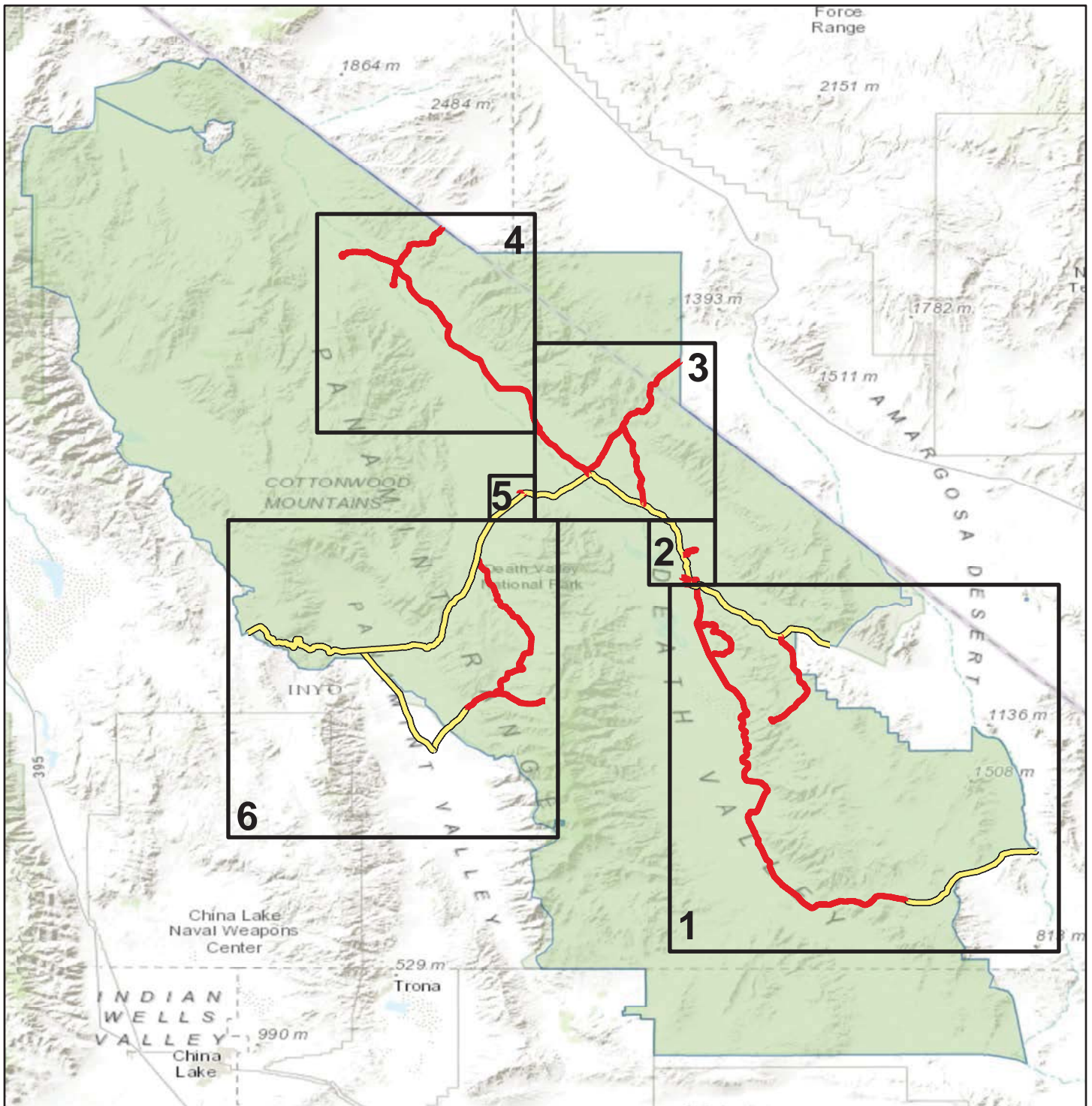


Federal Lands Highway
Road Inventory Program

Death Valley National Park

ROUTE LOCATION MAP

Key Map



Sources: Esri, HERE, DeLorme, TomTom, 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

NPS Collected Routes **Non-NPS Collected Routes**



Death Valley National Park

ROUTE LOCATION MAP

Area Map 1



Sources: Esri, HERE, DeLorme, TomTom, 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.

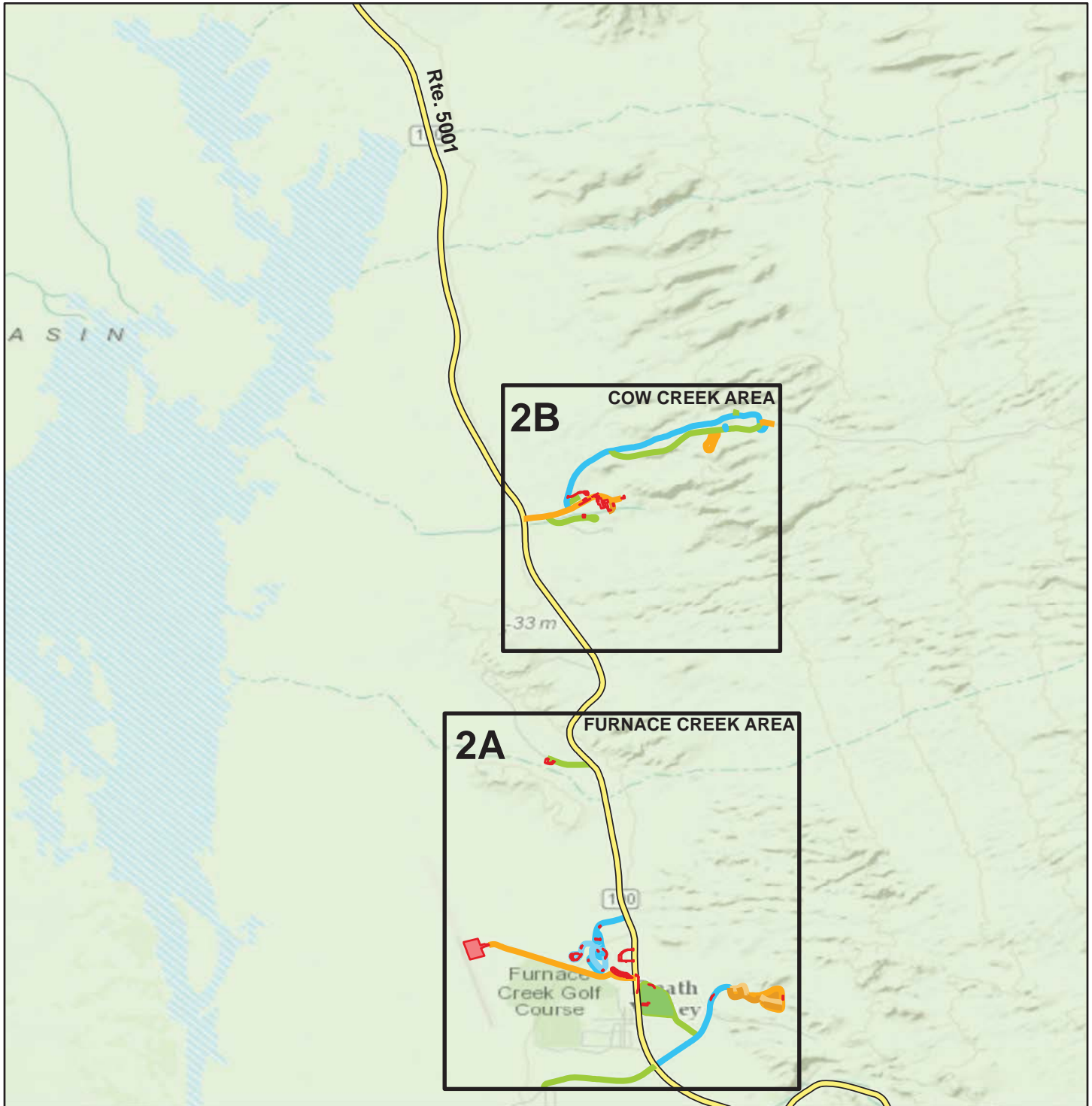
Non-NPS Collected Routes



Death Valley National Park

ROUTE LOCATION MAP

Area Map 2



Sources: Esri, HERE, DeLorme, TomTom, 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.

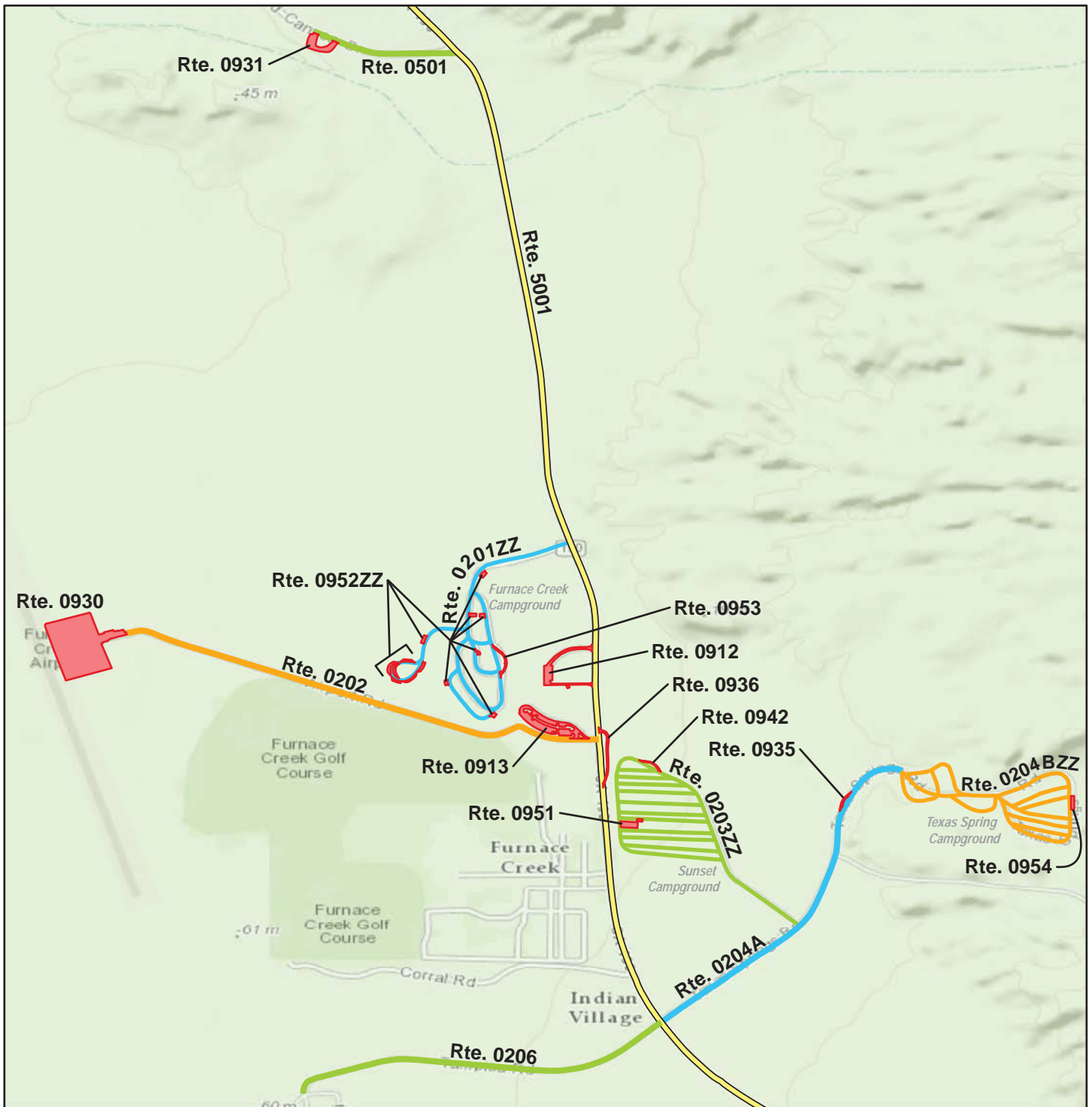
Non-NPS Collected Routes



Death Valley National Park

ROUTE LOCATION MAP

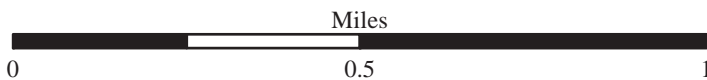
Area Map 2A



Sources: Esri, HERE, DeLorme, TomTom, 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.

Non-NPS Collected Routes



Death Valley National Park

ROUTE LOCATION MAP

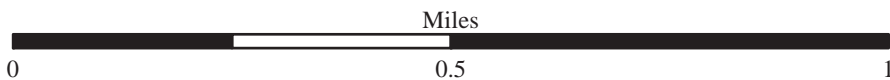
Area Map 2B



Sources: Esri, HERE, DeLorme, TomTom, 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.

Non-NPS Collected Routes



Death Valley National Park

ROUTE LOCATION MAP

Area Map 3



Sources: Esri, HERE, DeLorme, TomTom, 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.

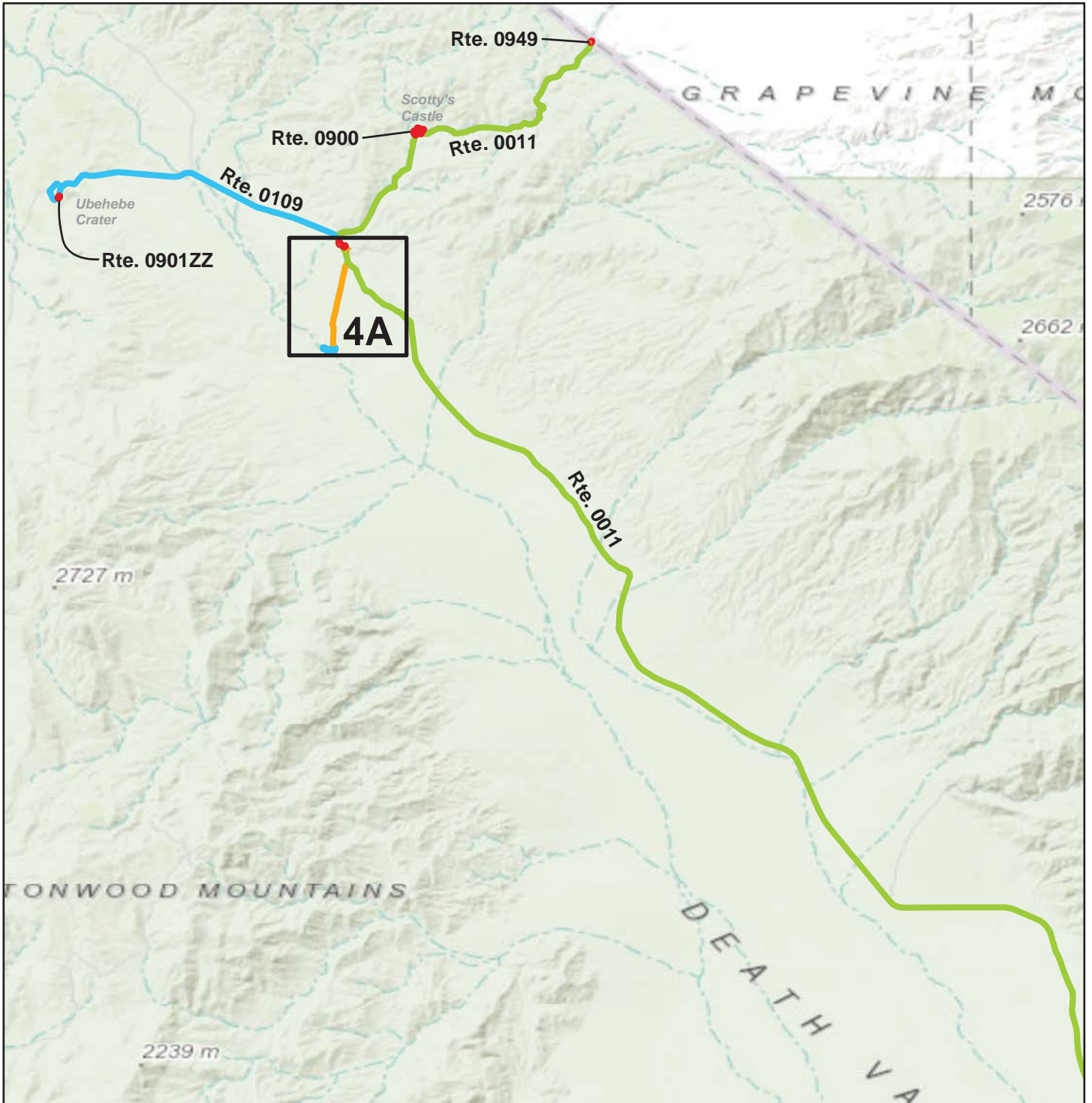
 **Non-NPS Collected Routes**



Death Valley National Park

ROUTE LOCATION MAP

Area Map 4



Sources: Esri, HERE, DeLorme, TomTom, 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.

Non-NPS Collected Routes



Death Valley National Park

ROUTE LOCATION MAP

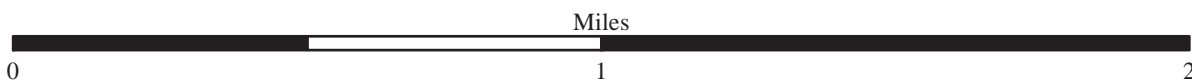
Area Map 4A



Sources: Esri, HERE, DeLorme, TomTom, 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.

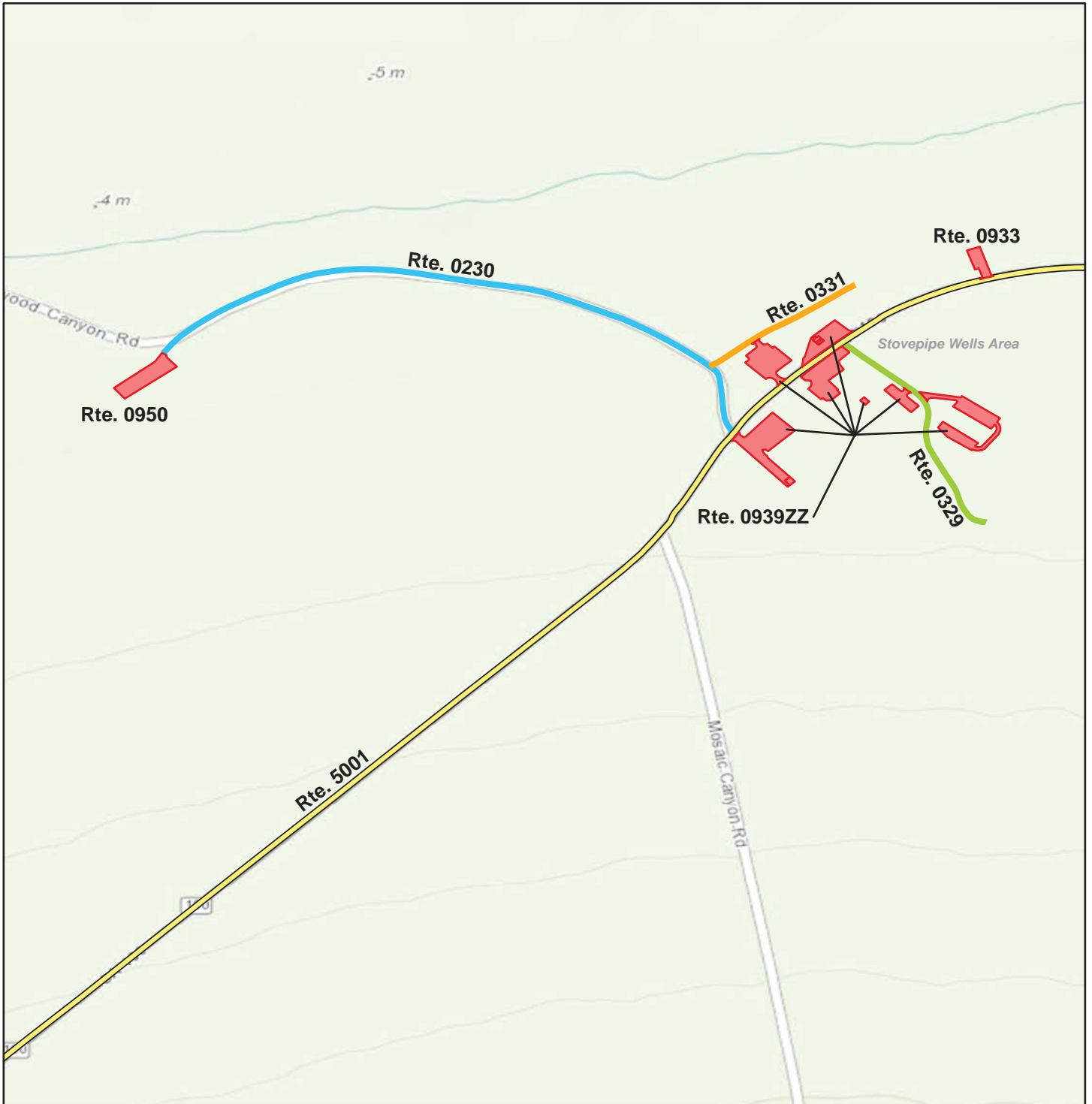
 **Non-NPS Collected Routes**



Death Valley National Park

ROUTE LOCATION MAP

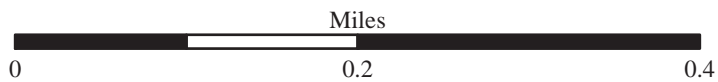
Area Map 5



Sources: Esri, HERE, DeLorme, TomTom, 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.

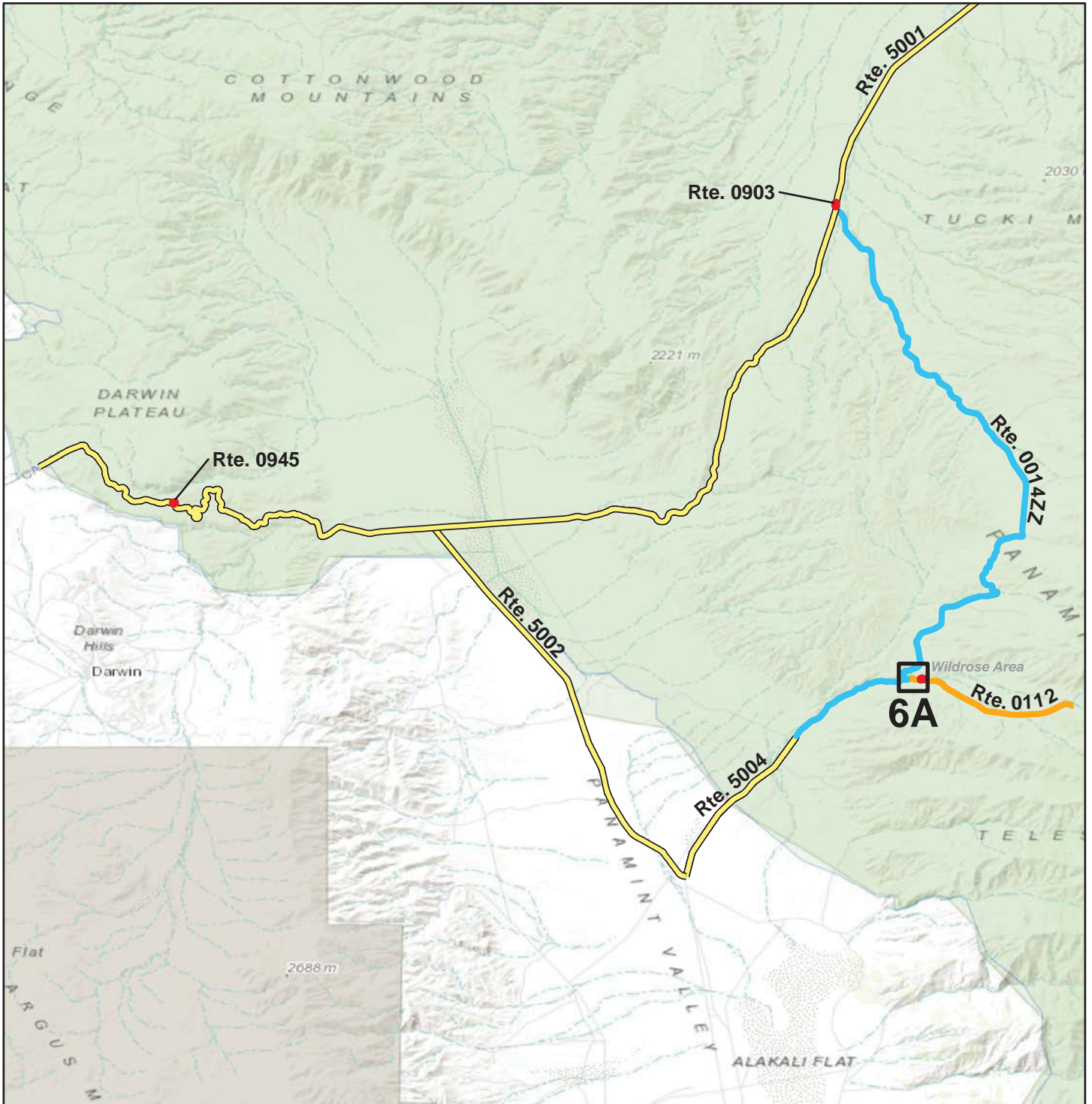
 **Non-NPS Collected Routes**



Death Valley National Park

ROUTE LOCATION MAP

Area Map 6



Sources: Esri, HERE, DeLorme, TomTom, 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.

Non-NPS Collected Routes



Death Valley National Park

ROUTE LOCATION MAP

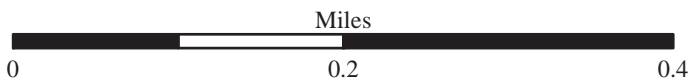
Area Map 6A



Sources: Esri, HERE, DeLorme, TomTom, 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.

 **Non-NPS Collected Routes**

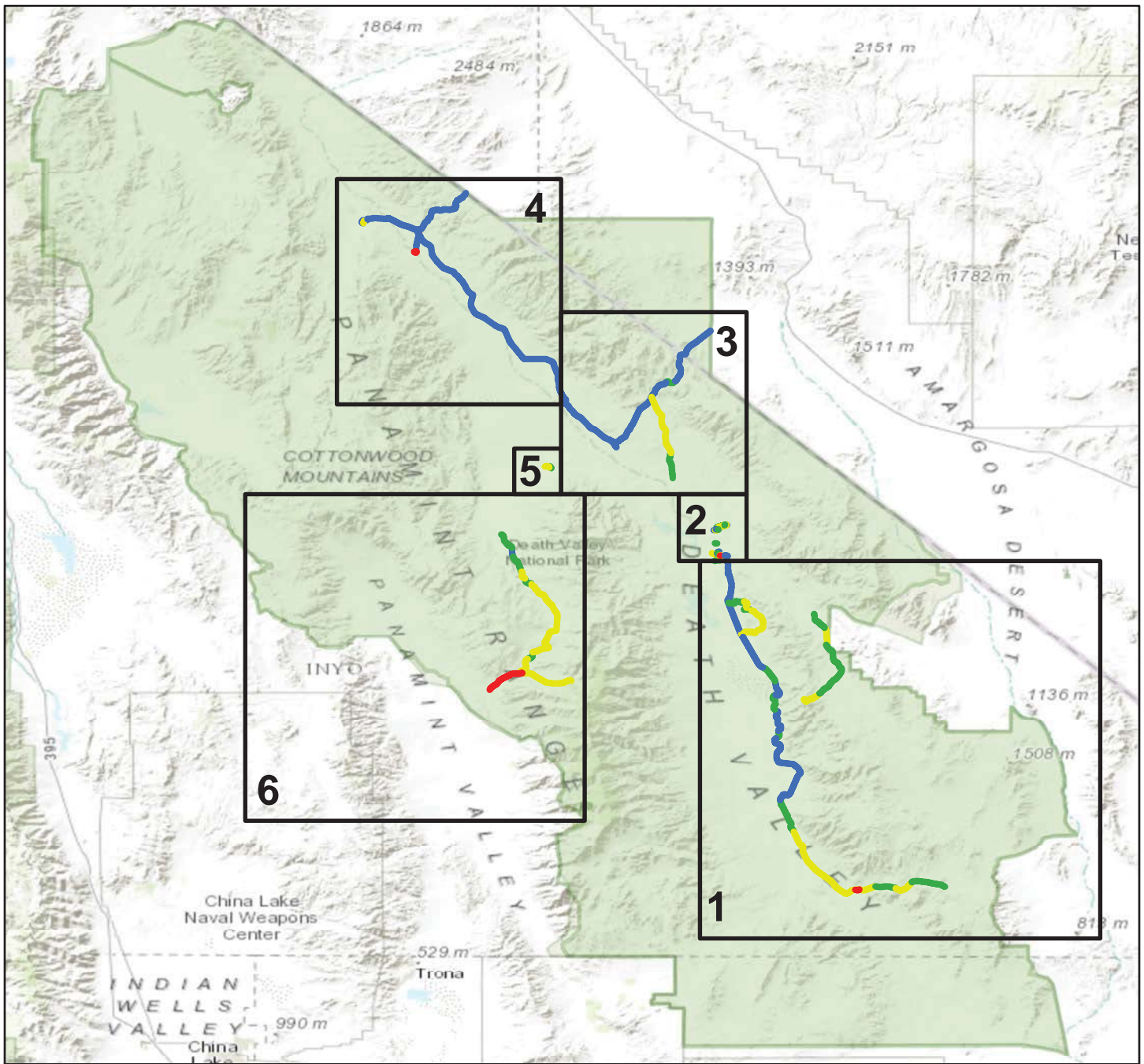


Death Valley National Park

ROUTE CONDITION MAP

PCR - MILE BY MILE

Key Map



Sources: Esri, HERE, DeLorme, TomTom, 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)



See Appendix for definitions and formulas

Only Data Collection Vehicle and Manually Rated Roads are displayed

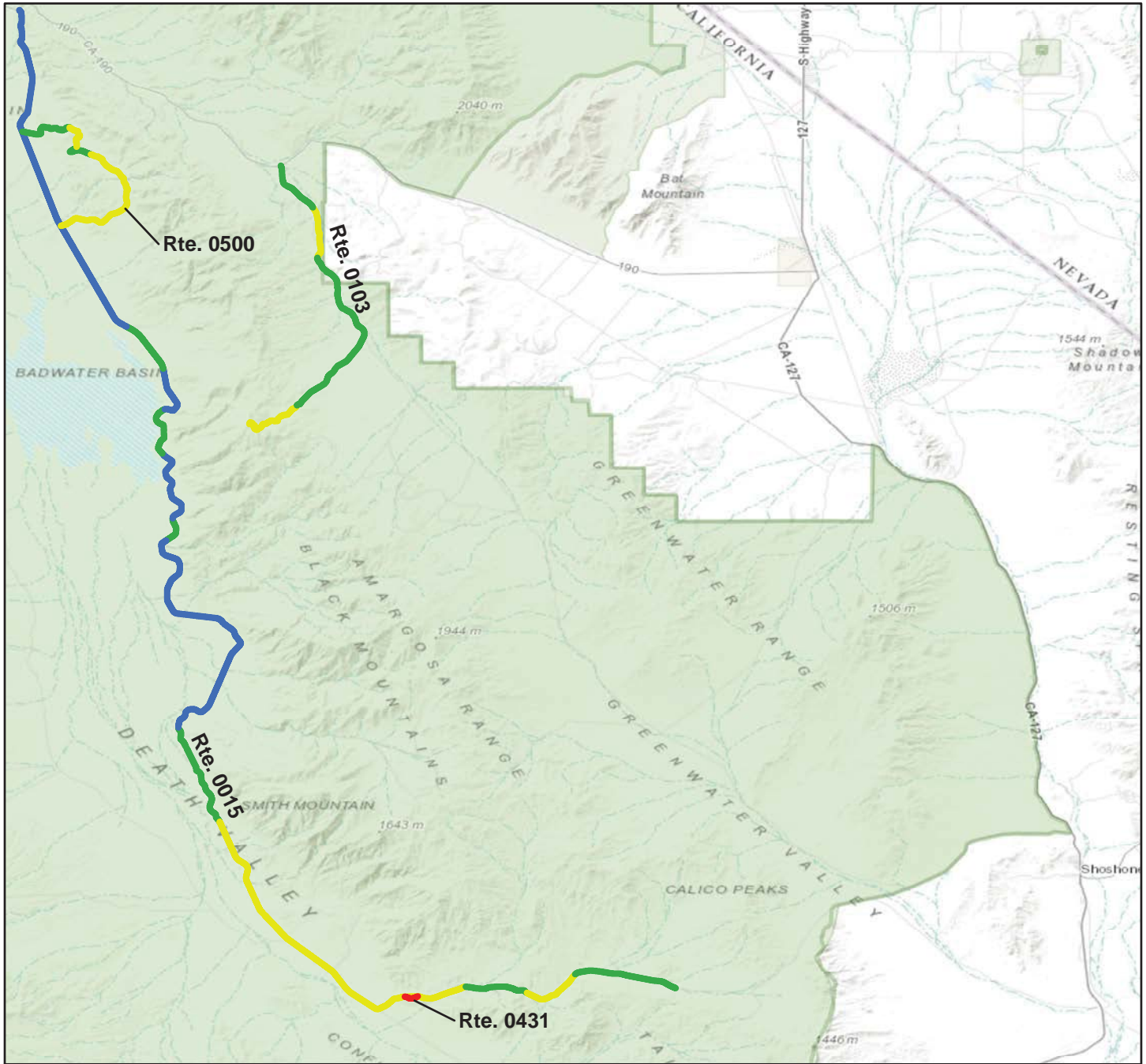


Death Valley National Park

ROUTE CONDITION MAP

PCR - MILE BY MILE

Area Map 1

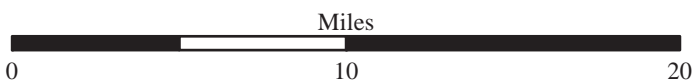


Sources: Esri, HERE, DeLorme, TomTom, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), swisstopo, MapmyIndia, © OpenStreetMap contributors, and the GIS User Community

Route Condition Legend – Pavement Condition Rating (PCR)

Poor (0 - 60)	Fair (61- 84)	Good (85 - 94)	Excellent (95 - 100)	Not Rated
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See Appendix for definitions and formulas
Only Data Collection Vehicle and Manually Rated Roads are displayed

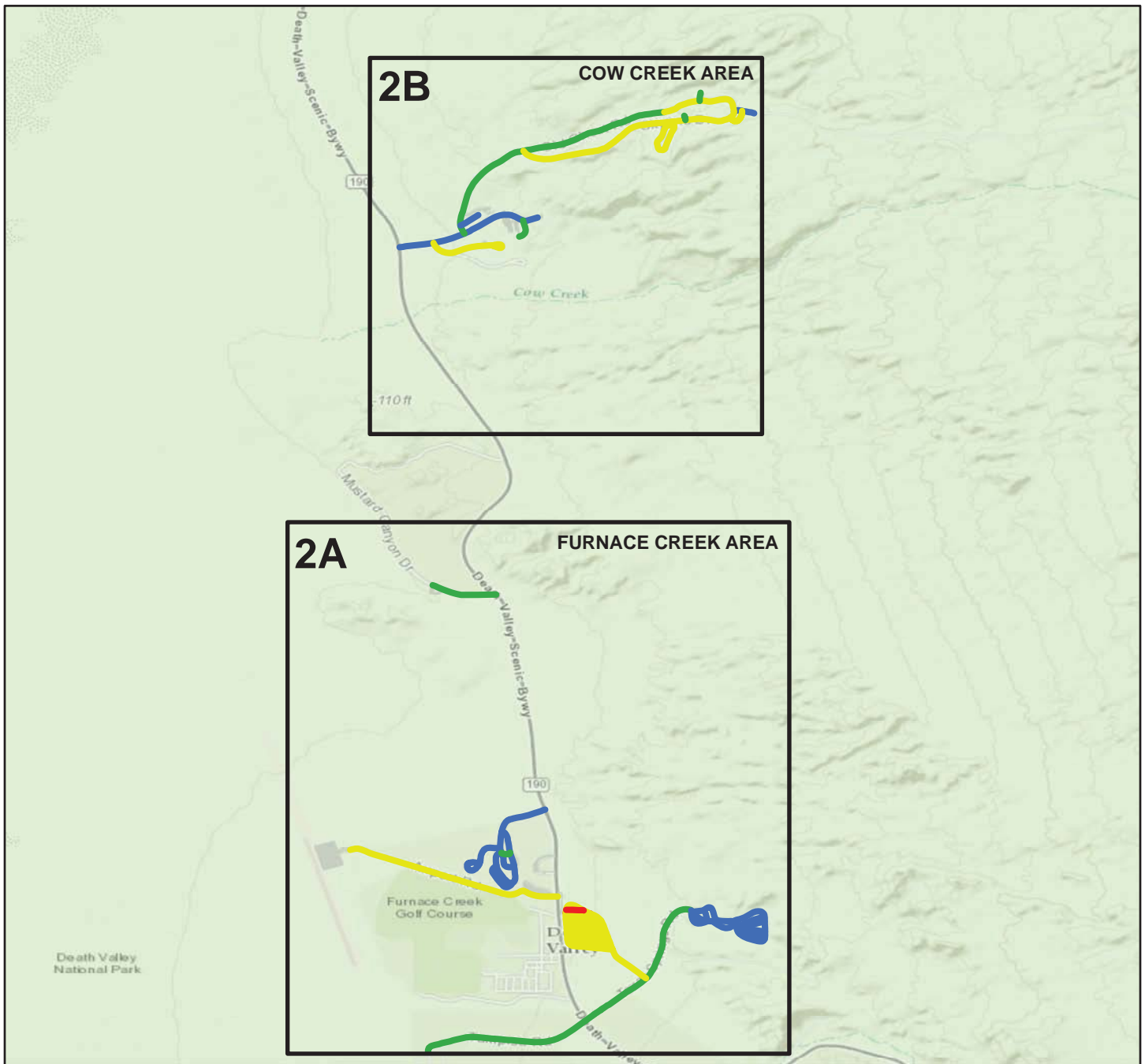


Death Valley National Park

ROUTE CONDITION MAP

PCR - MILE BY MILE

Area Map 2

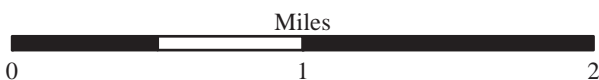


Sources: Esri, HERE, DeLorme, TomTom, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), swisstopo, MapmyIndia, © OpenStreetMap contributors, and the GIS User Community

Route Condition Legend – Pavement Condition Rating (PCR)



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

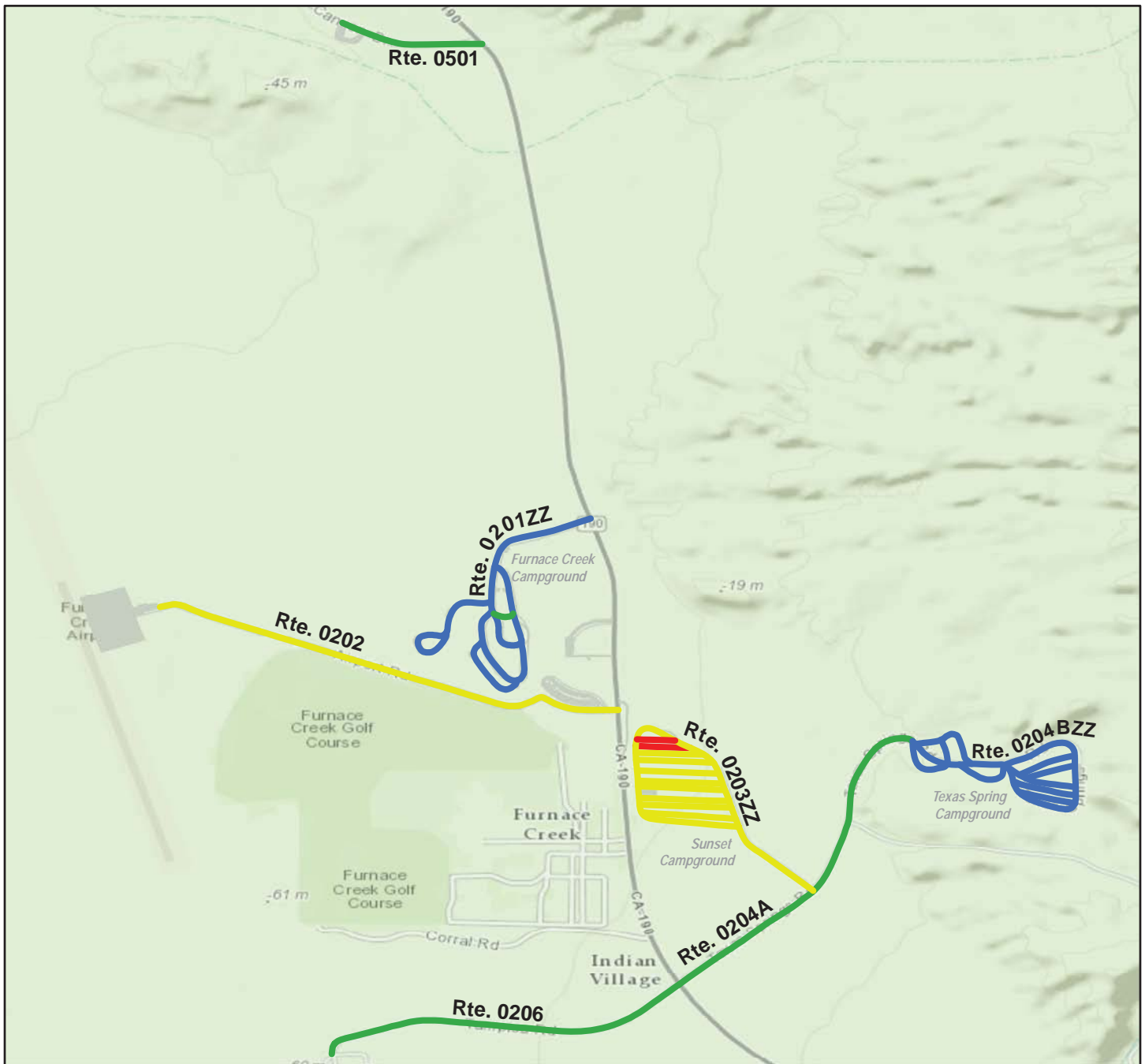


Death Valley National Park

ROUTE CONDITION MAP

PCR - MILE BY MILE

Area Map 2A

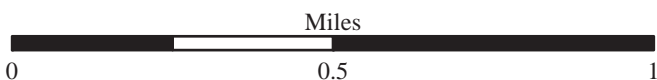


Sources: Esri, HERE, DeLorme, TomTom, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), swisstopo, MapmyIndia, © OpenStreetMap contributors, and the GIS User Community

Route Condition Legend – Pavement Condition Rating (PCR)

Poor (0 - 60)	Fair (61- 84)	Good (85 - 94)	Excellent (95 - 100)	Not Rated
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See Appendix for definitions and formulas
Only Data Collection Vehicle and Manually Rated Roads are displayed



Death Valley National Park

ROUTE CONDITION MAP

PCR - MILE BY MILE

Area Map 2B

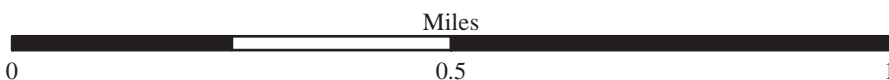


Sources: Esri, HERE, DeLorme, TomTom, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), swisstopo, MapmyIndia, © OpenStreetMap contributors, and the GIS User Community

Route Condition Legend – Pavement Condition Rating (PCR)

Poor (0 - 60)	Fair (61- 84)	Good (85 - 94)	Excellent (95 - 100)	Not Rated
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See Appendix for definitions and formulas
 Only Data Collection Vehicle and Manually Rated Roads are displayed

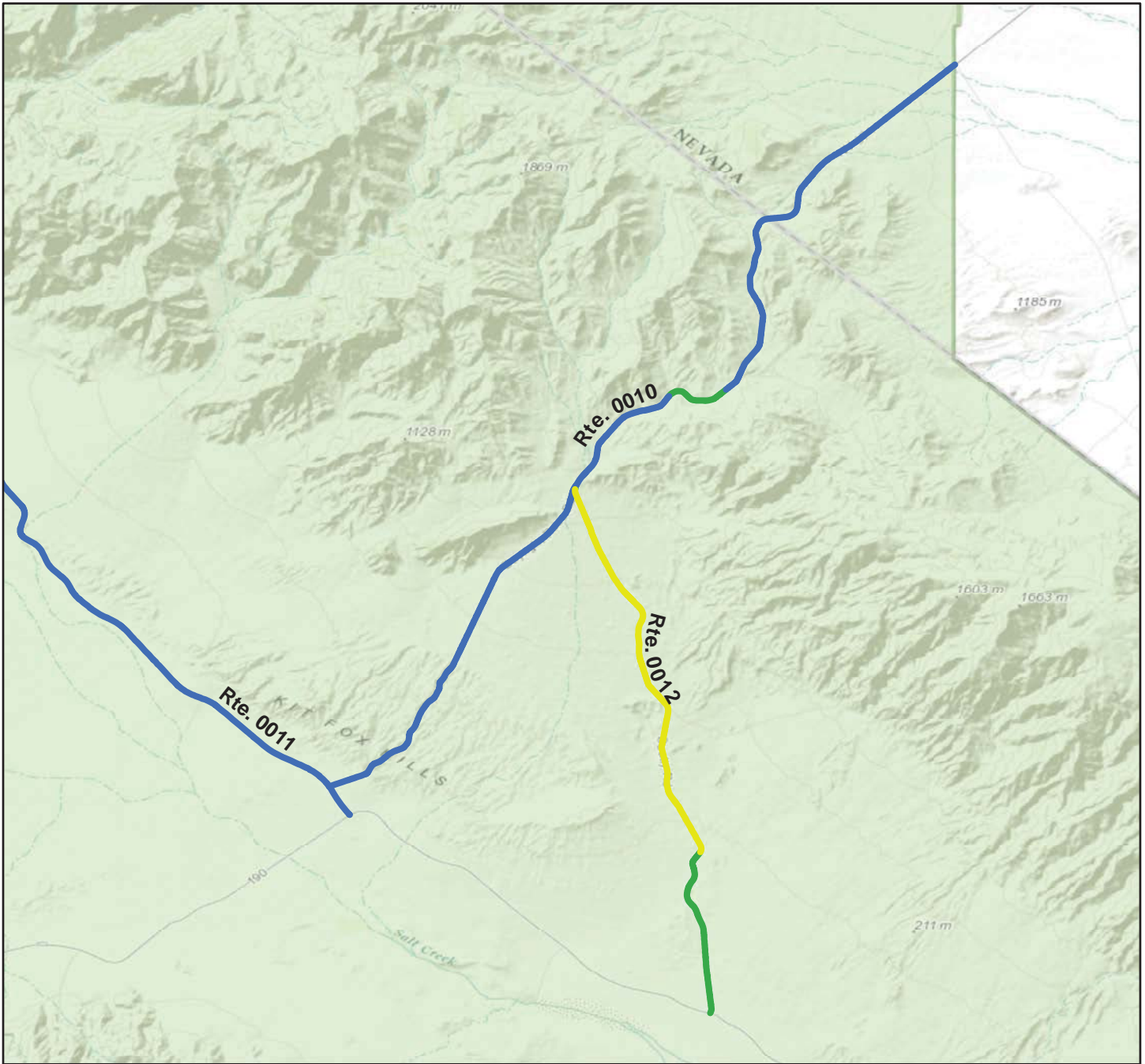


Death Valley National Park

ROUTE CONDITION MAP

PCR - MILE BY MILE

Area Map 3



Sources: Esri, HERE, DeLorme, TomTom, 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)



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

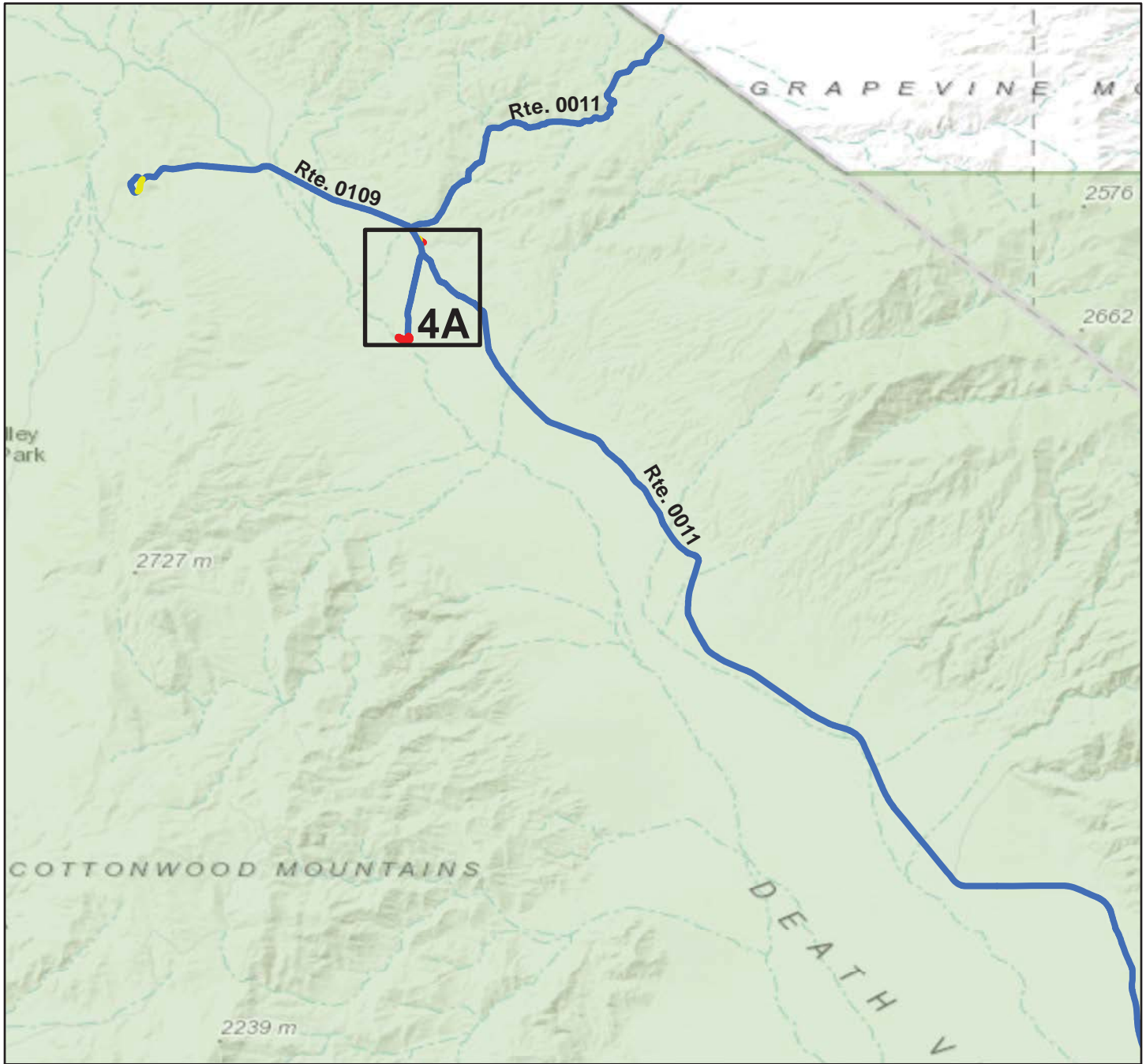


Death Valley National Park

ROUTE CONDITION MAP

PCR - MILE BY MILE

Area Map 4



Sources: Esri, HERE, DeLorme, TomTom, 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)

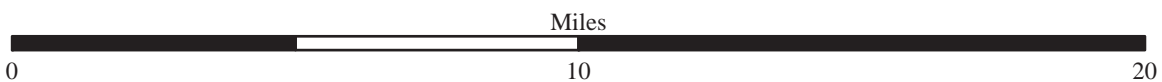
Good (85 - 94)

Excellent (95 - 100)

Not Rated

See Appendix for definitions and formulas

Only Data Collection Vehicle and Manually Rated Roads are displayed

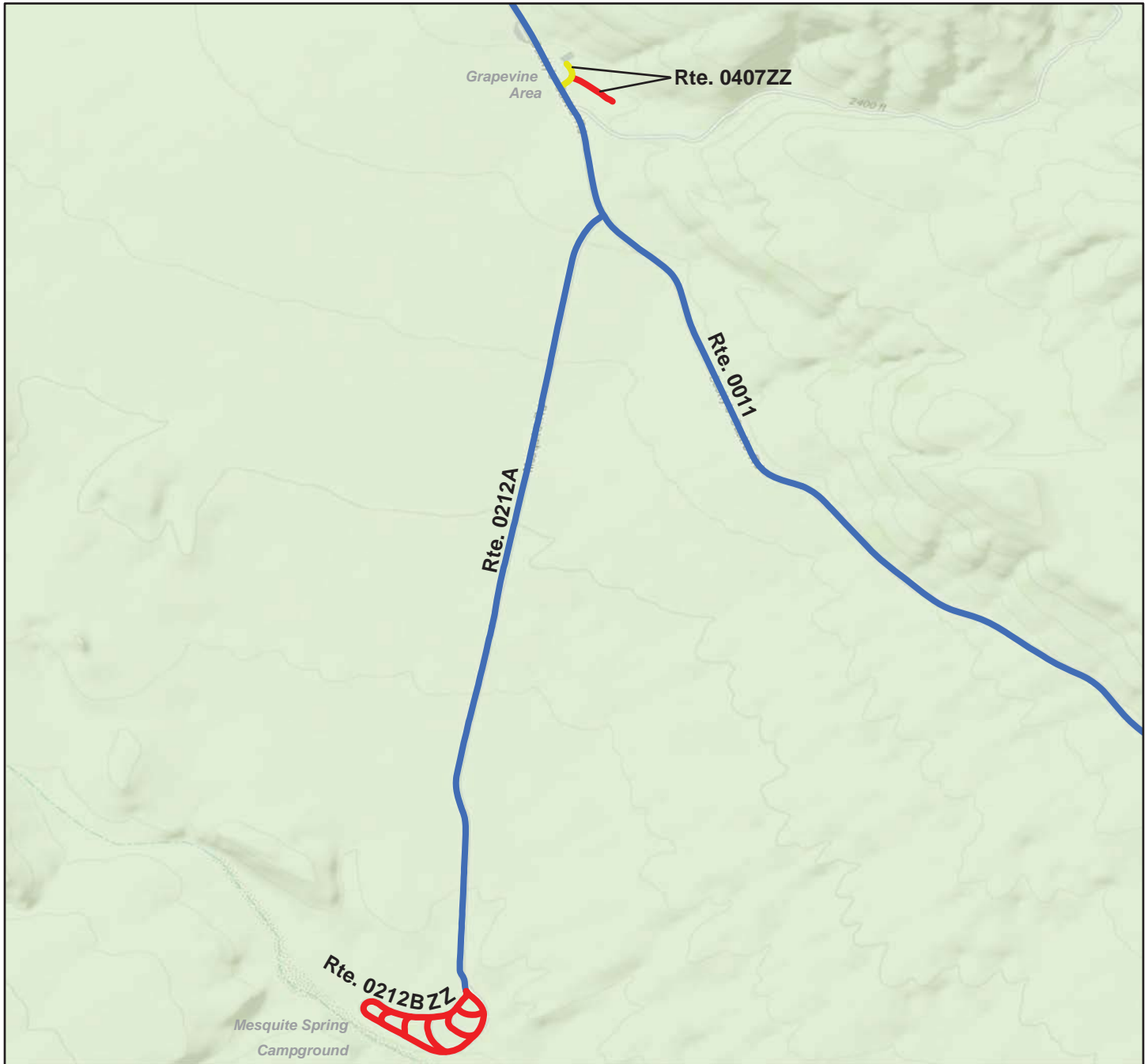


Death Valley National Park

ROUTE CONDITION MAP

PCR - MILE BY MILE

Area Map 4A



Sources: Esri, HERE, DeLorme, TomTom, 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)

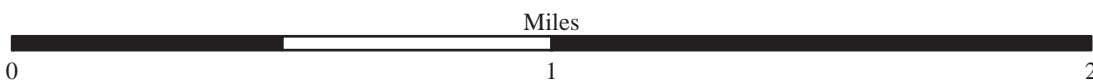
Good (85 - 94)

Excellent (95 - 100)

Not Rated

See Appendix for definitions and formulas

Only Data Collection Vehicle and Manually Rated Roads are displayed



Death Valley National Park

ROUTE CONDITION MAP

PCR - MILE BY MILE

Area Map 5



Sources: Esri, HERE, DeLorme, TomTom, 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

Mesquite Spring
Campground

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

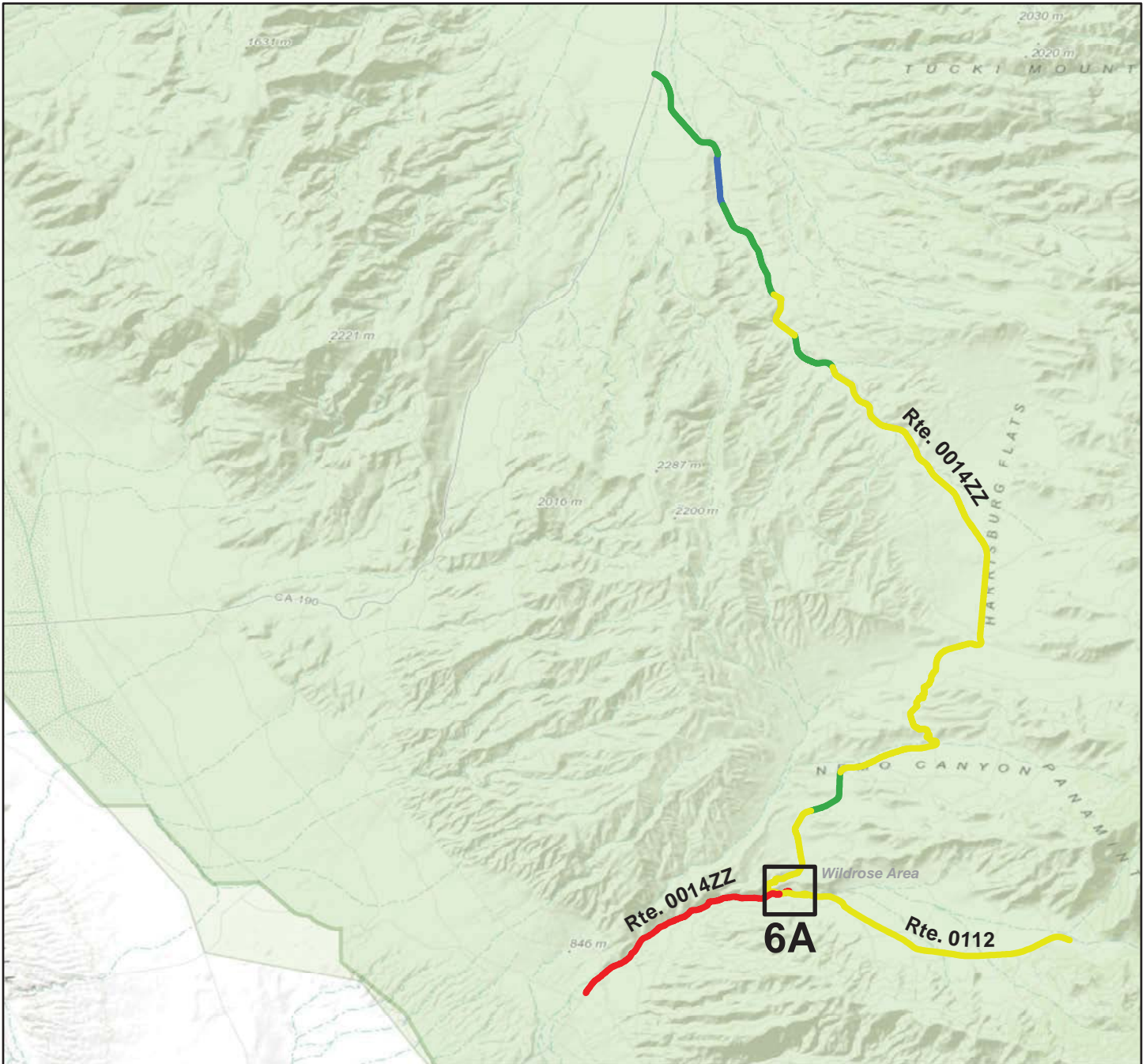


Death Valley National Park

ROUTE CONDITION MAP

PCR - MILE BY MILE

Area Map 6



Sources: Esri, HERE, DeLorme, TomTom, 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)

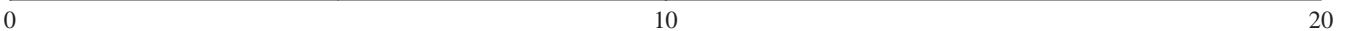
Excellent (95 - 100)

Not Rated

See Appendix for definitions and formulas

Only Data Collection Vehicle and Manually Rated Roads are displayed

Miles



Death Valley National Park

ROUTE CONDITION MAP

PCR - MILE BY MILE

Area Map 6A



Sources: Esri, HERE, DeLorme, TomTom, 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

Mesquite Spring
Campground

Route Condition Legend – Pavement Condition Rating (PCR)

Poor (0 - 60)	Fair (61- 84)	Good (85 - 94)	Excellent (95 - 100)	Not Rated
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See Appendix for definitions and formulas

Only Data Collection Vehicle and Manually Rated Roads are displayed



Section 5 Paved Road Condition Rating Sheets



Death Valley National Park

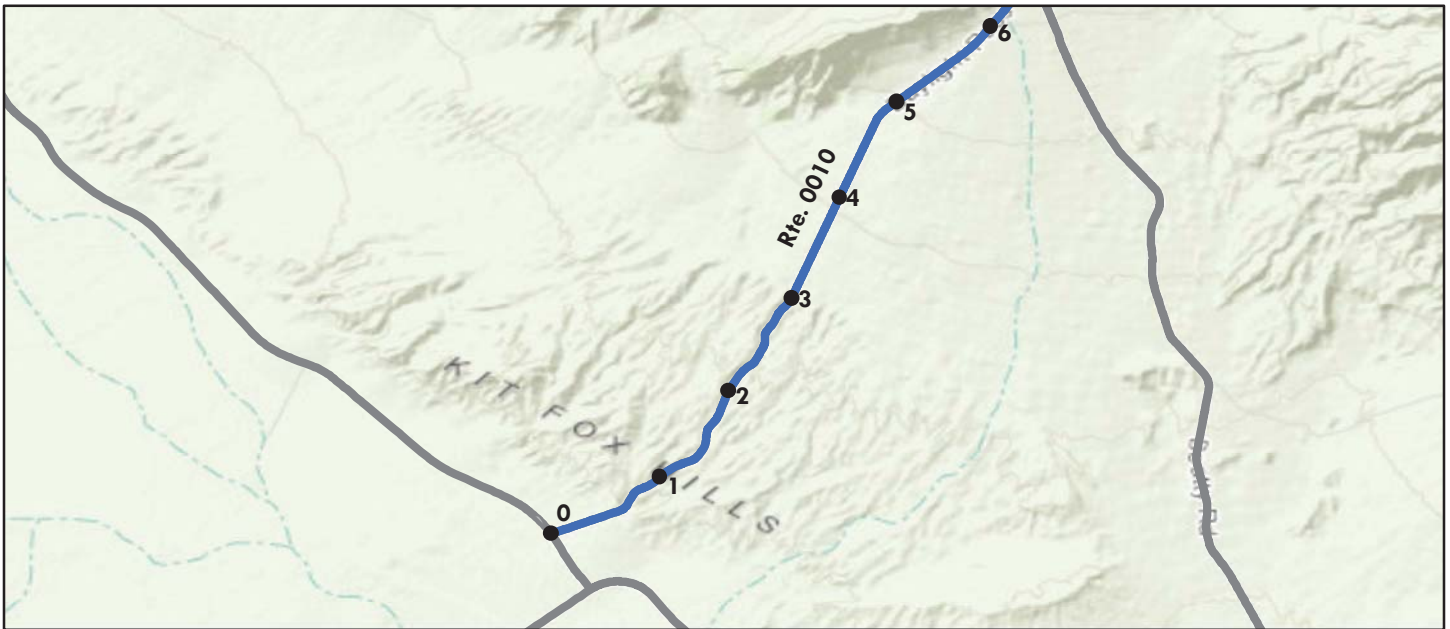


Federal Lands Highway
Road Inventory Program

Death Valley National Park

ROUTE 0010: DAYLIGHT PASS / MUD CANYON ROAD

Data Collection Vehicle (DCV) Rating



Sources: Esri, HERE, DeLorme, TomTom, 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: 3/9/2015	Beginning Section MP	0	1	2	3	4
Paved Length (Miles): 17.36	Section Length (MI)	1	1	1	1	1
Surface Type: ASPHALT	Route Summary					
Roadway Condition Information						
Pavement Condition Rating (PCR)	99	99	100	99	100	100
Surface Condition Rating (SCR)	99	99	100	99	100	100
Roughness Condition Index (RCI)	100	100	100	100	100	100
Distress Index Values						
Structural Crack Index	99	99	100	100	100	100
Alligator Crack Index	100	100	100	100	100	100
Longitudinal Crack Index	99	99	100	100	100	100
Transverse Cracking Index	99	99	100	99	100	100
Patching Index	100	100	100	100	100	100
Rutting Index	100	100	100	100	100	100
International Roughness Index (IRI)	61	60	64	66	48	62
Lane & Width Information						
Number of Lanes	2	2	2	2	2	2
Paved Width (ft)	24.8	24.1	25.4	26.2	25	24.9
Lane Width (ft)	10.2	10.2	10	9.9	10	10

Death Valley National Park

ROUTE 0010: DAYLIGHT PASS / MUD CANYON ROAD

Data Collection Vehicle (DCV) Rating



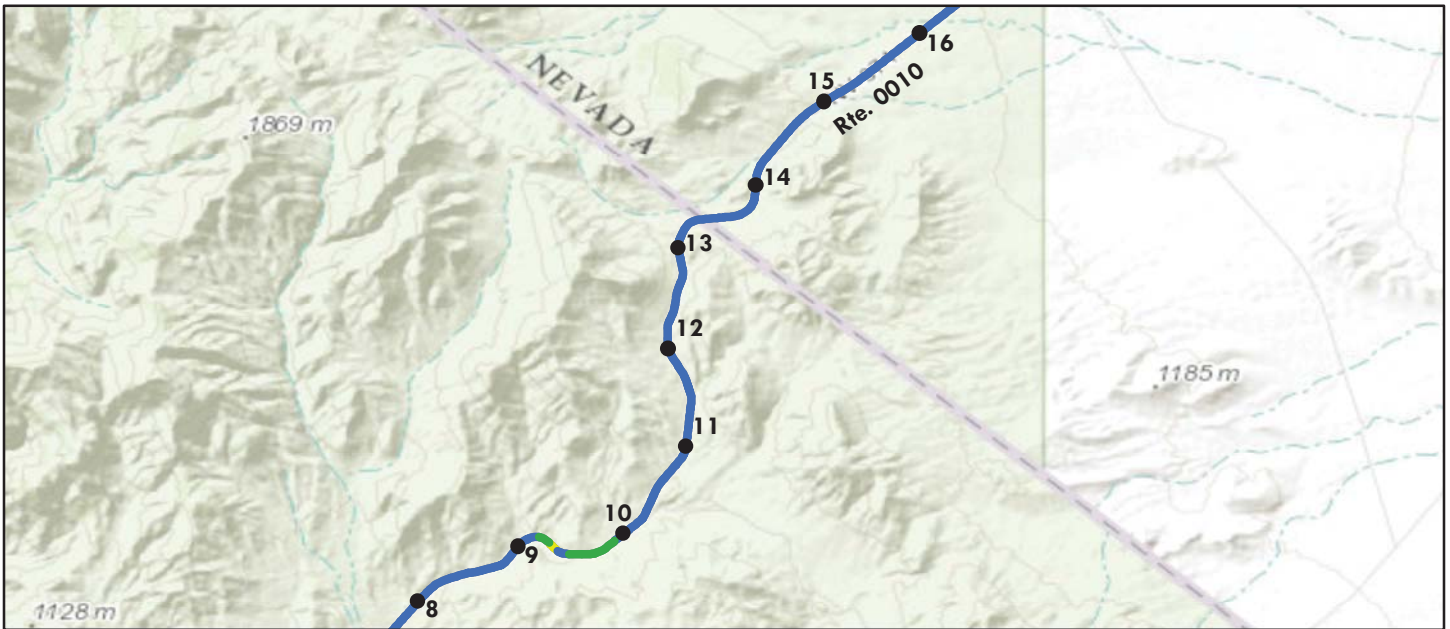
Sources: Esri, HERE, DeLorme, TomTom, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), swisstopo, MapmyIndia, © OpenStreetMap contributors, and the GIS User Community

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: 3/9/2015	Beginning Section MP	5	6	7	8	9
Paved Length (Miles): 17.36	Section Length (MI)	1	1	1	1	1
Surface Type: ASPHALT	Route Summary					
Roadway Condition Information						
Pavement Condition Rating (PCR)	99	100	100	100	100	93
Surface Condition Rating (SCR)	99	100	100	100	100	89
Roughness Condition Index (RCI)	100	100	100	100	100	100
Distress Index Values						
Structural Crack Index	99	100	100	100	100	89
Alligator Crack Index	100	100	100	100	100	100
Longitudinal Crack Index	99	100	100	100	100	89
Transverse Cracking Index	99	100	100	100	100	95
Patching Index	100	100	100	100	100	100
Rutting Index	100	100	100	100	100	100
International Roughness Index (IRI)	61	56	59	51	54	66
Lane & Width Information						
Number of Lanes	2	2	2	2	2	2
Paved Width (ft)	24.8	24.7	25.9	24.8	24.3	26.7
Lane Width (ft)	10.2	10.5	10.8	10.4	10	10

Death Valley National Park

ROUTE 0010: DAYLIGHT PASS / MUD CANYON ROAD

Data Collection Vehicle (DCV) Rating



Sources: Esri, HERE, DeLorme, TomTom, 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: 3/9/2015	Beginning Section MP	10	11	12	13	14
Paved Length (Miles): 17.36	Section Length (MI)	1	1	1	1	1
Surface Type: ASPHALT	Route Summary					
Roadway Condition Information						
Pavement Condition Rating (PCR)	99	99	99	99	99	99
Surface Condition Rating (SCR)	99	99	99	99	98	98
Roughness Condition Index (RCI)	100	100	100	100	100	100
Distress Index Values						
Structural Crack Index	99	100	99	99	98	99
Alligator Crack Index	100	100	100	100	100	100
Longitudinal Crack Index	99	100	99	99	98	99
Transverse Cracking Index	99	99	100	100	99	98
Patching Index	100	100	100	100	100	100
Rutting Index	100	100	100	100	100	100
International Roughness Index (IRI)	61	54	59	59	84	60
Lane & Width Information						
Number of Lanes	2	2	2	2	2	2
Paved Width (ft)	24.8	24.2	23.8	24	25.6	24.1
Lane Width (ft)	10.2	10	10	10.1	10.3	10.2

Death Valley National Park

ROUTE 0010: DAYLIGHT PASS / MUD CANYON ROAD

Data Collection Vehicle (DCV) Rating



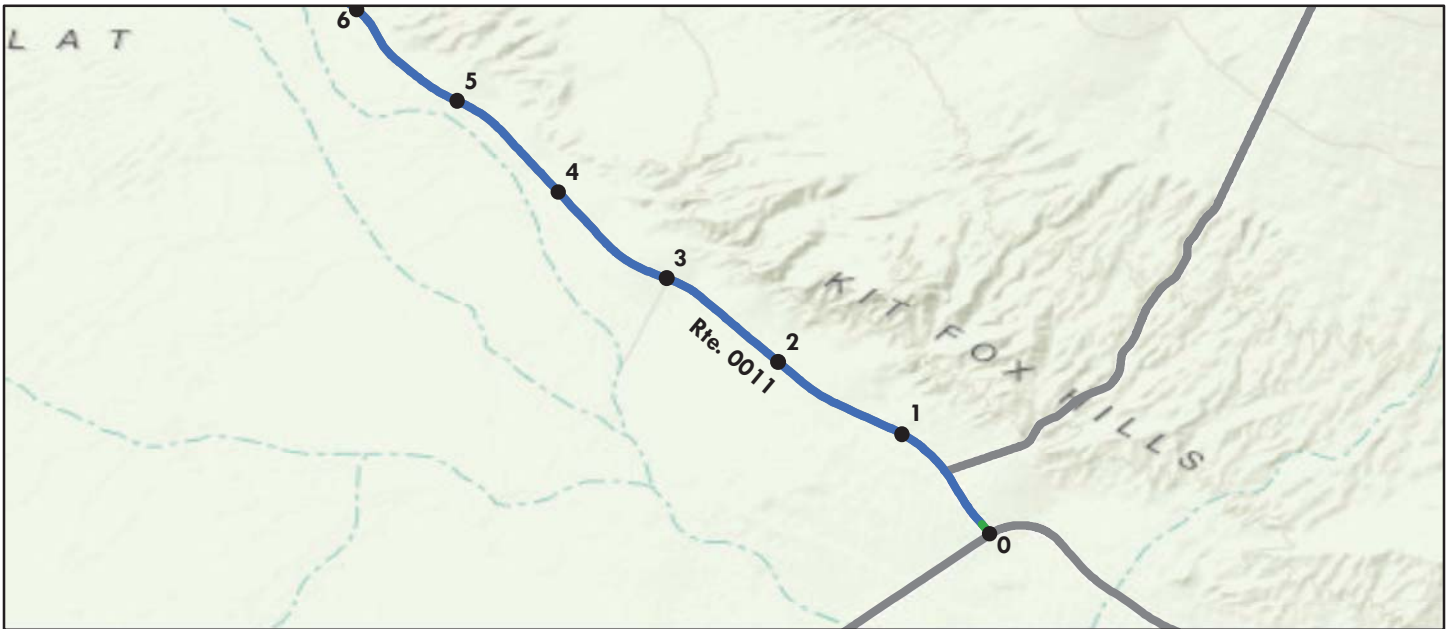
Sources: Esri, HERE, DeLorme, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), swisstopo, MapmyIndia, © OpenStreetMap contributors, and the GIS User Community

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: 3/9/2015	Beginning Section MP	15	16	17		
Paved Length (Miles): 17.36	Section Length (MI)	1	1	0.36		
Surface Type: ASPHALT	Route Summary					
Roadway Condition Information						
Pavement Condition Rating (PCR)	99	98	99	99		
Surface Condition Rating (SCR)	99	97	99	98		
Roughness Condition Index (RCI)	100	100	100	100		
Distress Index Values						
Structural Crack Index	99	97	100	100		
Alligator Crack Index	100	100	100	100		
Longitudinal Crack Index	99	97	100	100		
Transverse Cracking Index	99	98	99	98		
Patching Index	100	100	100	100		
Rutting Index	100	100	100	100		
International Roughness Index (IRI)	61	73	67	67		
Lane & Width Information						
Number of Lanes	2	2	2	2		
Paved Width (ft)	24.8	24.2	24.2	25.3		
Lane Width (ft)	10.2	10.5	10.2	10.3		

Death Valley National Park

ROUTE 0011: SCOTTY'S CASTLE ROAD / BONNIE CLAIRE

Data Collection Vehicle (DCV) Rating



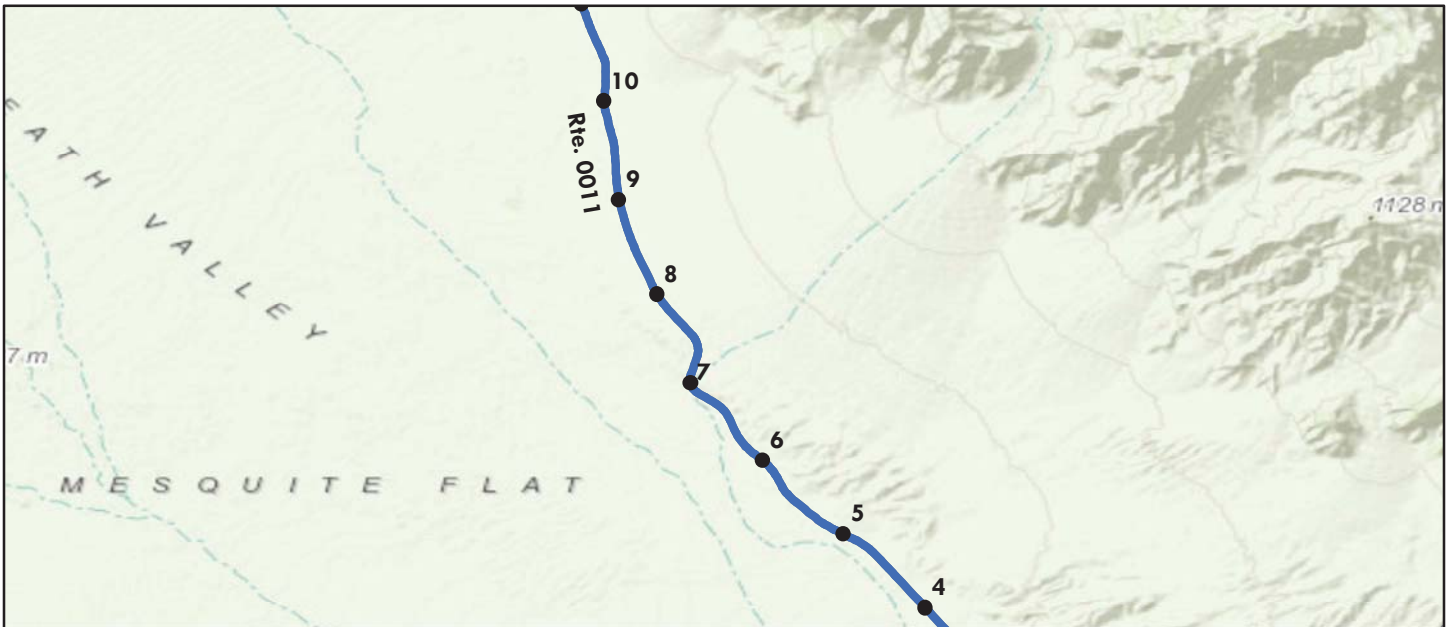
Sources: Esri, HERE, DeLorme, TomTom, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), swisstopo, MapmyIndia, © OpenStreetMap contributors, and the GIS User Community

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: 3/9/2015	Beginning Section MP	0	1	2	3	4
Paved Length (Miles): 40.89	Section Length (MI)	1	1	1	1	1
Surface Type: ASPHALT	Route Summary					
Roadway Condition Information						
Pavement Condition Rating (PCR)	100	100	100	100	100	99
Surface Condition Rating (SCR)	100	100	100	100	100	99
Roughness Condition Index (RCI)	100	100	100	100	100	100
Distress Index Values						
Structural Crack Index	100	100	100	100	100	100
Alligator Crack Index	100	100	100	100	100	100
Longitudinal Crack Index	100	100	100	100	100	100
Transverse Cracking Index	100	100	100	100	100	100
Patching Index	100	100	100	100	100	99
Rutting Index	100	100	100	100	100	100
International Roughness Index (IRI)	58	69	59	45	44	52
Lane & Width Information						
Number of Lanes	2	2	2	2	2	2
Paved Width (ft)	18.8	18.5	18	18.3	18.8	19.2
Lane Width (ft)	8.3	7.9	8.5	8.3	8.4	8.5

Death Valley National Park

ROUTE 0011: SCOTTY'S CASTLE ROAD / BONNIE CLAIRE

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: 3/9/2015	Beginning Section MP	5	6	7	8	9
Paved Length (Miles): 40.89	Section Length (MI)	1	1	1	1	1
Surface Type: ASPHALT	Route Summary					
Roadway Condition Information						
Pavement Condition Rating (PCR)	100	100	100	100	100	100
Surface Condition Rating (SCR)	100	100	100	100	100	100
Roughness Condition Index (RCI)	100	100	100	100	100	100
Distress Index Values						
Structural Crack Index	100	100	100	100	100	100
Alligator Crack Index	100	100	100	100	100	100
Longitudinal Crack Index	100	100	100	100	100	100
Transverse Cracking Index	100	100	100	100	100	100
Patching Index	100	100	100	100	100	100
Rutting Index	100	100	100	100	100	100
International Roughness Index (IRI)	58	52	54	54	50	53
Lane & Width Information						
Number of Lanes	2	2	2	2	2	2
Paved Width (ft)	18.8	18.6	19.1	18.8	19	19.6
Lane Width (ft)	8.3	8.2	8.2	8.4	8.4	8.6

Death Valley National Park

ROUTE 0011: SCOTTY'S CASTLE ROAD / BONNIE CLAIRE

Data Collection Vehicle (DCV) Rating



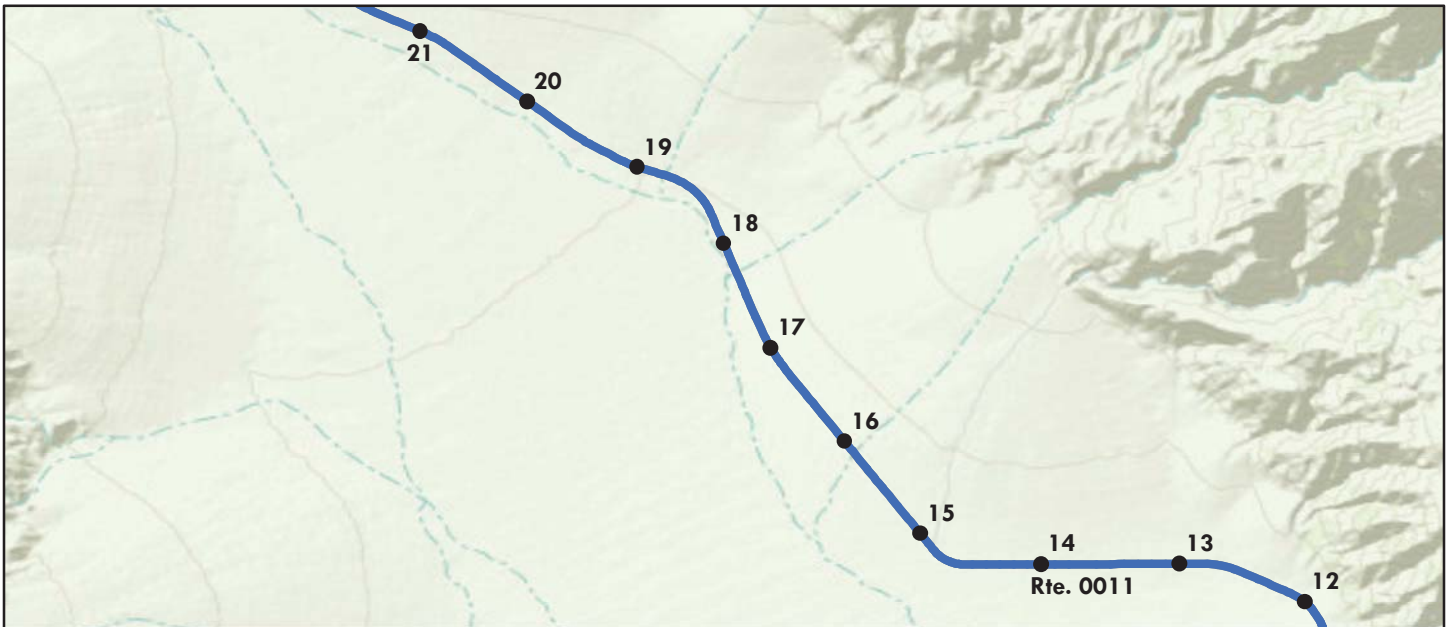
Sources: Esri, HERE, DeLorme, TomTom, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), swisstopo, MapmyIndia, © OpenStreetMap contributors, and the GIS User Community

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: 3/9/2015	Beginning Section MP	10	11	12	13	14
Paved Length (Miles): 40.89	Section Length (MI)	1	1	1	1	1
Surface Type: ASPHALT	Route Summary					
Roadway Condition Information						
Pavement Condition Rating (PCR)	100	100	100	100	100	100
Surface Condition Rating (SCR)	100	100	100	100	100	100
Roughness Condition Index (RCI)	100	100	100	100	100	100
Distress Index Values						
Structural Crack Index	100	100	100	100	100	100
Alligator Crack Index	100	100	100	100	100	100
Longitudinal Crack Index	100	100	100	100	100	100
Transverse Cracking Index	100	100	100	100	100	100
Patching Index	100	100	100	100	100	100
Rutting Index	100	100	100	100	100	100
International Roughness Index (IRI)	58	59	55	52	51	57
Lane & Width Information						
Number of Lanes	2	2	2	2	2	2
Paved Width (ft)	18.8	19.1	19.2	19.7	19	19
Lane Width (ft)	8.3	8.3	8.3	8.5	8.5	8.4

Death Valley National Park

ROUTE 0011: SCOTTY'S CASTLE ROAD / BONNIE CLAIRE

Data Collection Vehicle (DCV) Rating



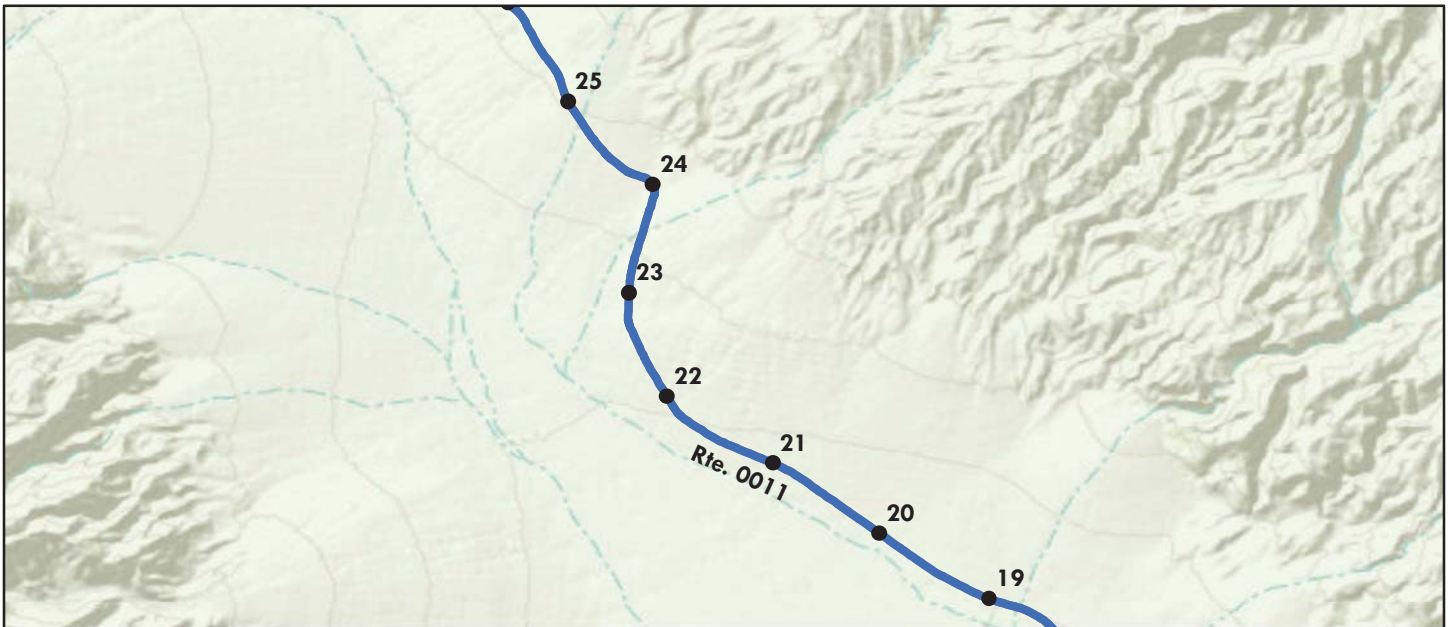
Sources: Esri, HERE, DeLorme, TomTom, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), swisstopo, MapmyIndia, © OpenStreetMap contributors, and the GIS User Community

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: 3/9/2015	Beginning Section MP	15	16	17	18	19
Paved Length (Miles): 40.89	Section Length (MI)	1	1	1	1	1
Surface Type: ASPHALT	Route Summary					
Roadway Condition Information						
Pavement Condition Rating (PCR)	100	100	100	100	100	100
Surface Condition Rating (SCR)	100	100	100	100	100	100
Roughness Condition Index (RCI)	100	100	100	100	100	100
Distress Index Values						
Structural Crack Index	100	100	100	100	100	100
Alligator Crack Index	100	100	100	100	100	100
Longitudinal Crack Index	100	100	100	100	100	100
Transverse Cracking Index	100	100	100	100	100	100
Patching Index	100	100	100	100	100	100
Rutting Index	100	100	100	100	100	100
International Roughness Index (IRI)	58	64	74	62	60	59
Lane & Width Information						
Number of Lanes	2	2	2	2	2	2
Paved Width (ft)	18.8	18.8	19.2	18.8	18.5	18.7
Lane Width (ft)	8.3	8.1	8.4	8.4	8.4	8.5

Death Valley National Park

ROUTE 0011: SCOTTY'S CASTLE ROAD / BONNIE CLAIRE

Data Collection Vehicle (DCV) Rating



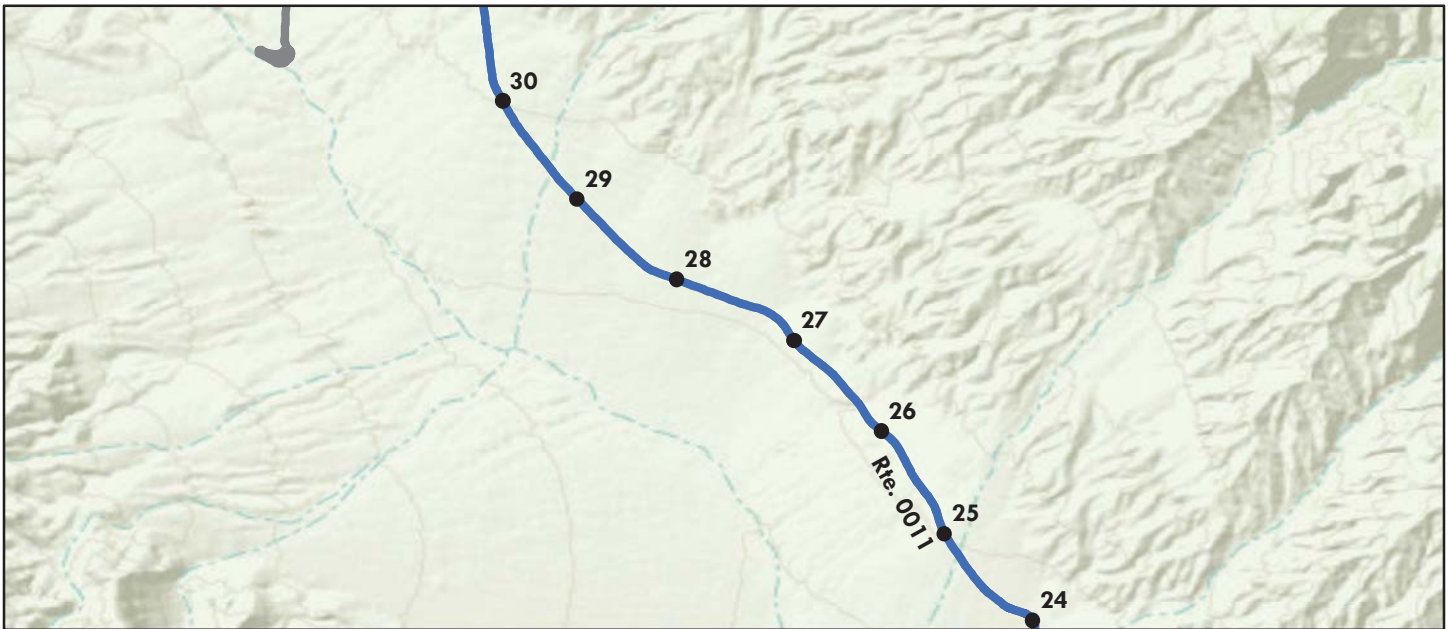
Sources: Esri, HERE, DeLorme, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), swisstopo, MapmyIndia, © OpenStreetMap contributors, and the GIS User Community

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: 3/9/2015	Beginning Section MP	20	21	22	23	24
Paved Length (Miles): 40.89	Section Length (MI)	1	1	1	1	1
Surface Type: ASPHALT	Route Summary					
Roadway Condition Information						
Pavement Condition Rating (PCR)	100	100	100	100	100	100
Surface Condition Rating (SCR)	100	100	100	100	100	100
Roughness Condition Index (RCI)	100	100	100	100	100	100
Distress Index Values						
Structural Crack Index	100	100	100	100	100	100
Alligator Crack Index	100	100	100	100	100	100
Longitudinal Crack Index	100	100	100	100	100	100
Transverse Cracking Index	100	100	100	100	100	100
Patching Index	100	100	100	100	100	100
Rutting Index	100	100	100	100	100	100
International Roughness Index (IRI)	58	57	55	59	67	54
Lane & Width Information						
Number of Lanes	2	2	2	2	2	2
Paved Width (ft)	18.8	18.8	19.1	18.8	18.9	18.3
Lane Width (ft)	8.3	8.2	8.1	8.1	8.3	8.1

Death Valley National Park

ROUTE 0011: SCOTTY'S CASTLE ROAD / BONNIE CLAIRE

Data Collection Vehicle (DCV) Rating



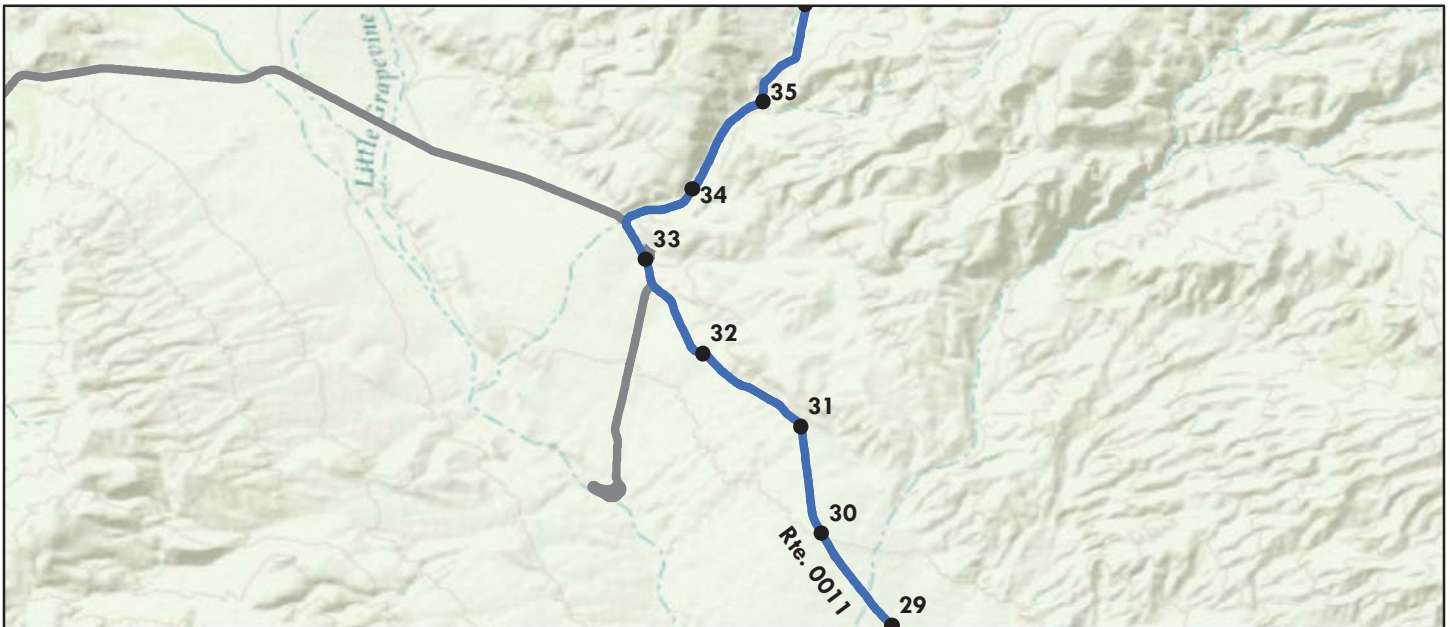
Sources: Esri, HERE, DeLorme, TomTom, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), swisstopo, MapmyIndia, © OpenStreetMap contributors, and the GIS User Community

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: 3/9/2015	Beginning Section MP	25	26	27	28	29
Paved Length (Miles): 40.89	Section Length (MI)	1	1	1	1	1
Surface Type: ASPHALT	Route Summary					
Roadway Condition Information						
Pavement Condition Rating (PCR)	100	100	100	100	100	100
Surface Condition Rating (SCR)	100	100	100	100	100	100
Roughness Condition Index (RCI)	100	100	100	100	100	100
Distress Index Values						
Structural Crack Index	100	100	100	100	100	100
Alligator Crack Index	100	100	100	100	100	100
Longitudinal Crack Index	100	100	100	100	100	100
Transverse Cracking Index	100	100	100	100	100	100
Patching Index	100	100	100	100	100	100
Rutting Index	100	100	100	100	100	100
International Roughness Index (IRI)	58	51	57	54	47	50
Lane & Width Information						
Number of Lanes	2	2	2	2	2	2
Paved Width (ft)	18.8	19	19.3	18.9	18.7	18.4
Lane Width (ft)	8.3	8.2	8.4	8.3	8.3	8.3

Death Valley National Park

ROUTE 0011: SCOTTY'S CASTLE ROAD / BONNIE CLAIRE

Data Collection Vehicle (DCV) Rating



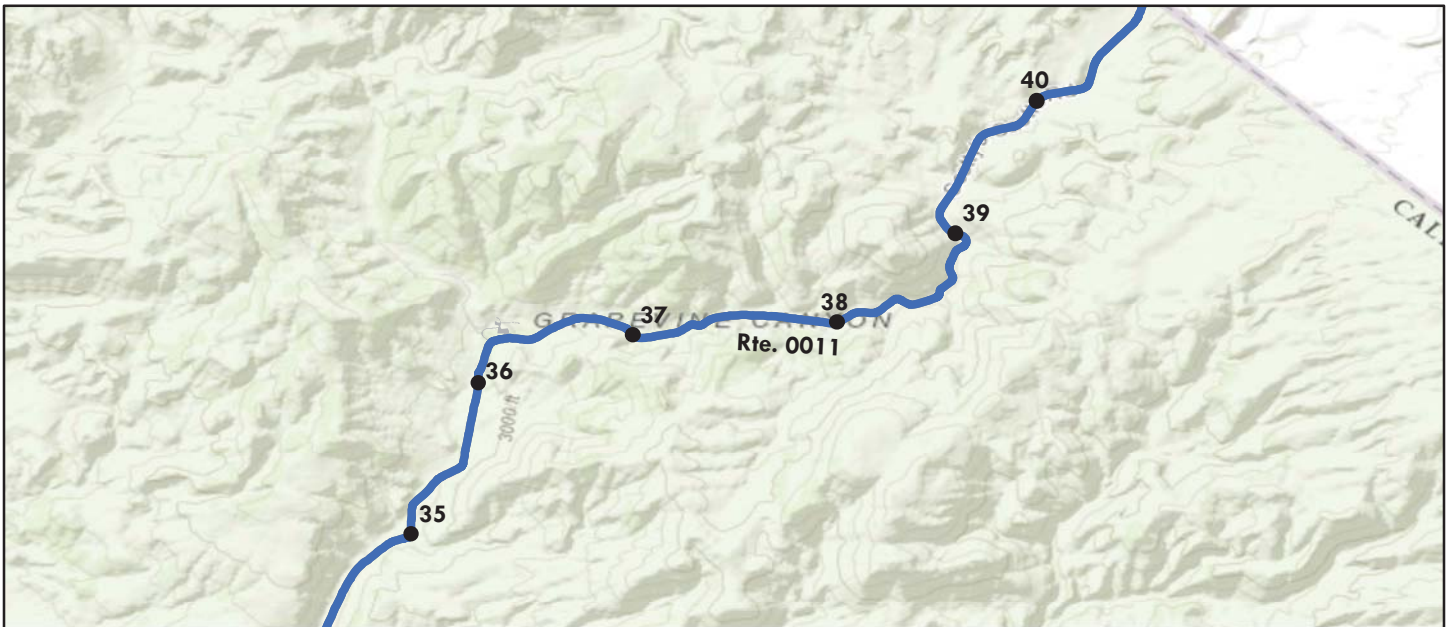
Sources: Esri, HERE, DeLorme, TomTom, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), swisstopo, MapmyIndia, © OpenStreetMap contributors, and the GIS User Community

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: 3/9/2015	Beginning Section MP	30	31	32	33	34
Paved Length (Miles): 40.89	Section Length (MI)	1	1	1	1	1
Surface Type: ASPHALT	Route Summary					
Roadway Condition Information						
Pavement Condition Rating (PCR)	100	100	100	100	100	100
Surface Condition Rating (SCR)	100	100	100	100	100	100
Roughness Condition Index (RCI)	100	100	100	100	100	100
Distress Index Values						
Structural Crack Index	100	100	100	100	100	100
Alligator Crack Index	100	100	100	100	100	100
Longitudinal Crack Index	100	100	100	100	100	100
Transverse Cracking Index	100	100	100	100	100	100
Patching Index	100	100	100	100	100	100
Rutting Index	100	100	100	100	100	100
International Roughness Index (IRI)	58	49	53	53	70	67
Lane & Width Information						
Number of Lanes	2	2	2	2	2	2
Paved Width (ft)	18.8	18.8	18.9	18.5	18.3	18.5
Lane Width (ft)	8.3	8.3	8.2	8.2	8.2	8.3

Death Valley National Park

ROUTE 0011: SCOTTY'S CASTLE ROAD / BONNIE CLAIRE

Data Collection Vehicle (DCV) Rating



Sources: Esri, HERE, DeLorme, TomTom, 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: 3/9/2015	Beginning Section MP	35	36	37	38	39
Paved Length (Miles): 40.89	Section Length (MI)	1	1	1	1	1
Surface Type: ASPHALT	Route Summary					
Roadway Condition Information						
Pavement Condition Rating (PCR)	100	100	100	100	100	100
Surface Condition Rating (SCR)	100	100	100	100	100	100
Roughness Condition Index (RCI)	100	100	100	100	100	100
Distress Index Values						
Structural Crack Index	100	100	100	100	100	100
Alligator Crack Index	100	100	100	100	100	100
Longitudinal Crack Index	100	100	100	100	100	100
Transverse Cracking Index	100	100	100	100	100	100
Patching Index	100	100	100	100	100	100
Rutting Index	100	100	100	100	100	100
International Roughness Index (IRI)	58	78	84	65	78	62
Lane & Width Information						
Number of Lanes	2	2	2	2	2	2
Paved Width (ft)	18.8	19	19.2	18.2	19.6	18.4
Lane Width (ft)	8.3	8.3	8	7.9	8.3	8.5

Death Valley National Park

ROUTE 0011: SCOTTY'S CASTLE ROAD / BONNIE CLAIRE

Data Collection Vehicle (DCV) Rating



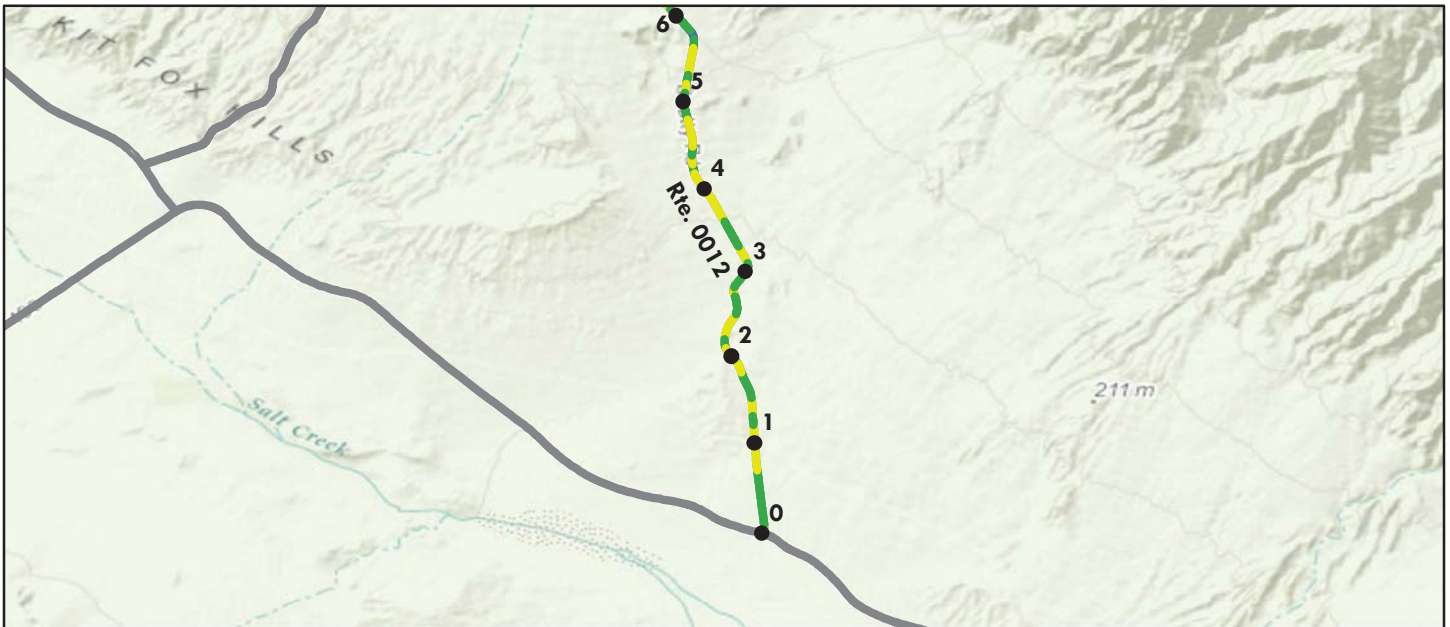
Sources: Esri, HERE, DeLorme, TomTom, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), swisstopo, MapmyIndia, © OpenStreetMap contributors, and the GIS User Community

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: 3/9/2015	Beginning Section MP	40				
Paved Length (Miles): 40.89	Section Length (MI)	0.89				
Surface Type: ASPHALT	Route Summary					
Roadway Condition Information						
Pavement Condition Rating (PCR)	100	100				
Surface Condition Rating (SCR)	100	100				
Roughness Condition Index (RCI)	100	100				
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	100	100				
International Roughness Index (IRI)	58	68				
Lane & Width Information						
Number of Lanes	2	2				
Paved Width (ft)	18.8	18.1				
Lane Width (ft)	8.3	8.3				

Death Valley National Park

ROUTE 0012: BEATTY CUTOFF ROAD

Data Collection Vehicle (DCV) Rating



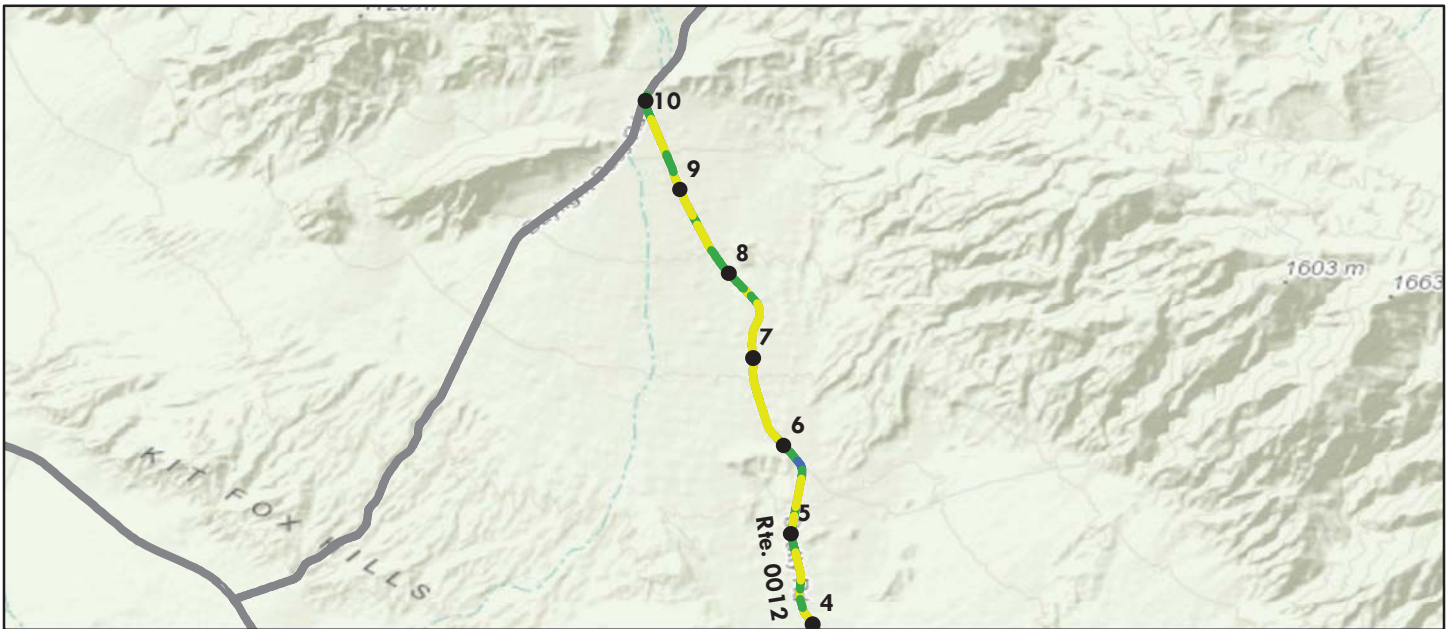
Sources: Esri, HERE, DeLorme, TomTom, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), swisstopo, MapmyIndia, © OpenStreetMap contributors, and the GIS User Community

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: 3/9/2015	Beginning Section MP	0	1	2	3	4
Paved Length (Miles): 10.07	Section Length (MI)	1	1	1	1	1
Surface Type: ASPHALT	Route Summary					
Roadway Condition Information						
Pavement Condition Rating (PCR)	84	86	86	85	84	84
Surface Condition Rating (SCR)	91	91	91	91	93	93
Roughness Condition Index (RCI)	74	79	78	76	71	70
Distress Index Values						
Structural Crack Index	100	100	100	99	100	99
Alligator Crack Index	100	100	100	100	100	100
Longitudinal Crack Index	100	100	100	99	100	99
Transverse Cracking Index	100	98	100	100	100	100
Patching Index	100	100	98	99	100	100
Rutting Index	91	91	91	91	93	93
International Roughness Index (IRI)	187	172	175	182	199	202
Lane & Width Information						
Number of Lanes	2	2	2	2	2	2
Paved Width (ft)	20	19.5	19.4	19.5	19.3	20.3
Lane Width (ft)	9.5	9.8	9.1	9.3	9.2	9.6

Death Valley National Park

ROUTE 0012: BEATTY CUTOFF ROAD

Data Collection Vehicle (DCV) Rating



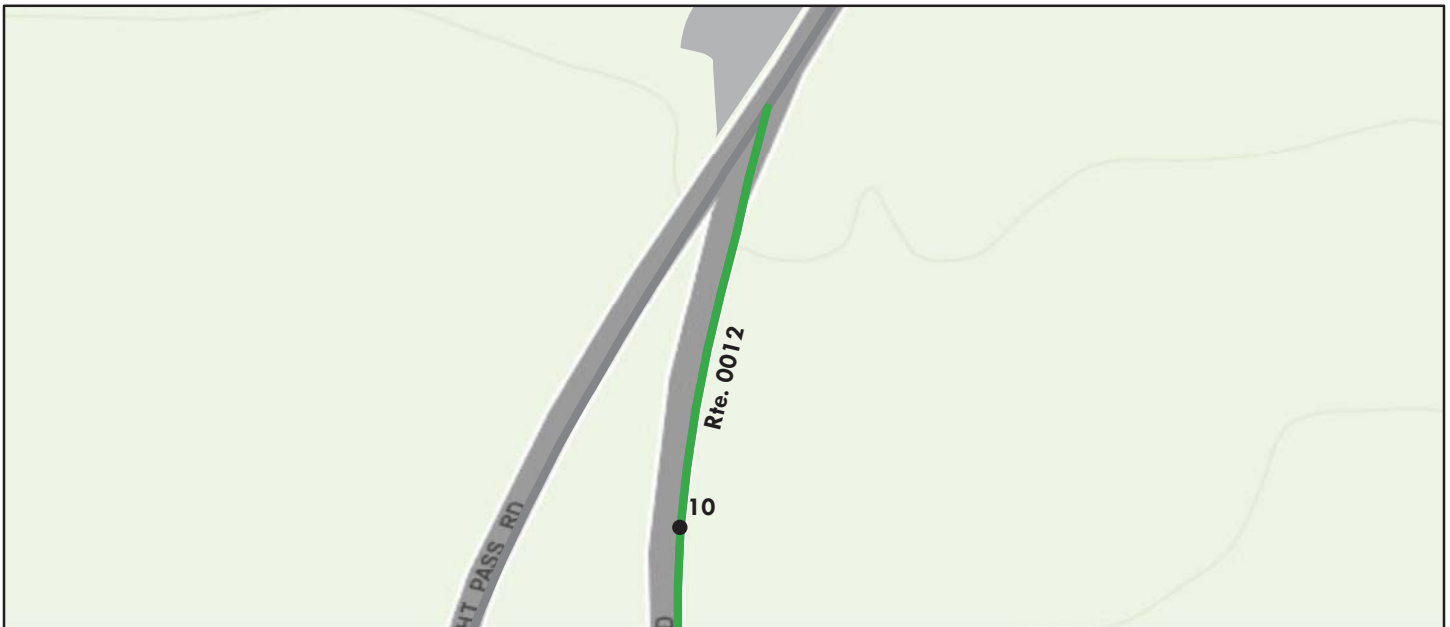
Sources: Esri, HERE, DeLorme, TomTom, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), swisstopo, MapmyIndia, © OpenStreetMap contributors, and the GIS User Community

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: 3/9/2015	Beginning Section MP	5	6	7	8	9
Paved Length (Miles): 10.07	Section Length (MI)	1	1	1	1	1
Surface Type: ASPHALT	Route Summary					
Roadway Condition Information						
Pavement Condition Rating (PCR)	84	84	80	84	84	84
Surface Condition Rating (SCR)	91	91	88	92	87	89
Roughness Condition Index (RCI)	74	74	67	73	80	77
Distress Index Values						
Structural Crack Index	100	99	100	100	100	100
Alligator Crack Index	100	100	100	100	100	100
Longitudinal Crack Index	100	99	100	100	100	100
Transverse Cracking Index	100	100	99	100	100	100
Patching Index	100	99	100	100	100	100
Rutting Index	91	91	88	92	87	89
International Roughness Index (IRI)	187	187	214	193	168	178
Lane & Width Information						
Number of Lanes	2	2	2	2	2	2
Paved Width (ft)	20	20.2	20.8	20.5	20.3	20
Lane Width (ft)	9.5	9.2	9.4	9.7	9.5	9.8

Death Valley National Park

ROUTE 0012: BEATTY CUTOFF ROAD

Data Collection Vehicle (DCV) Rating



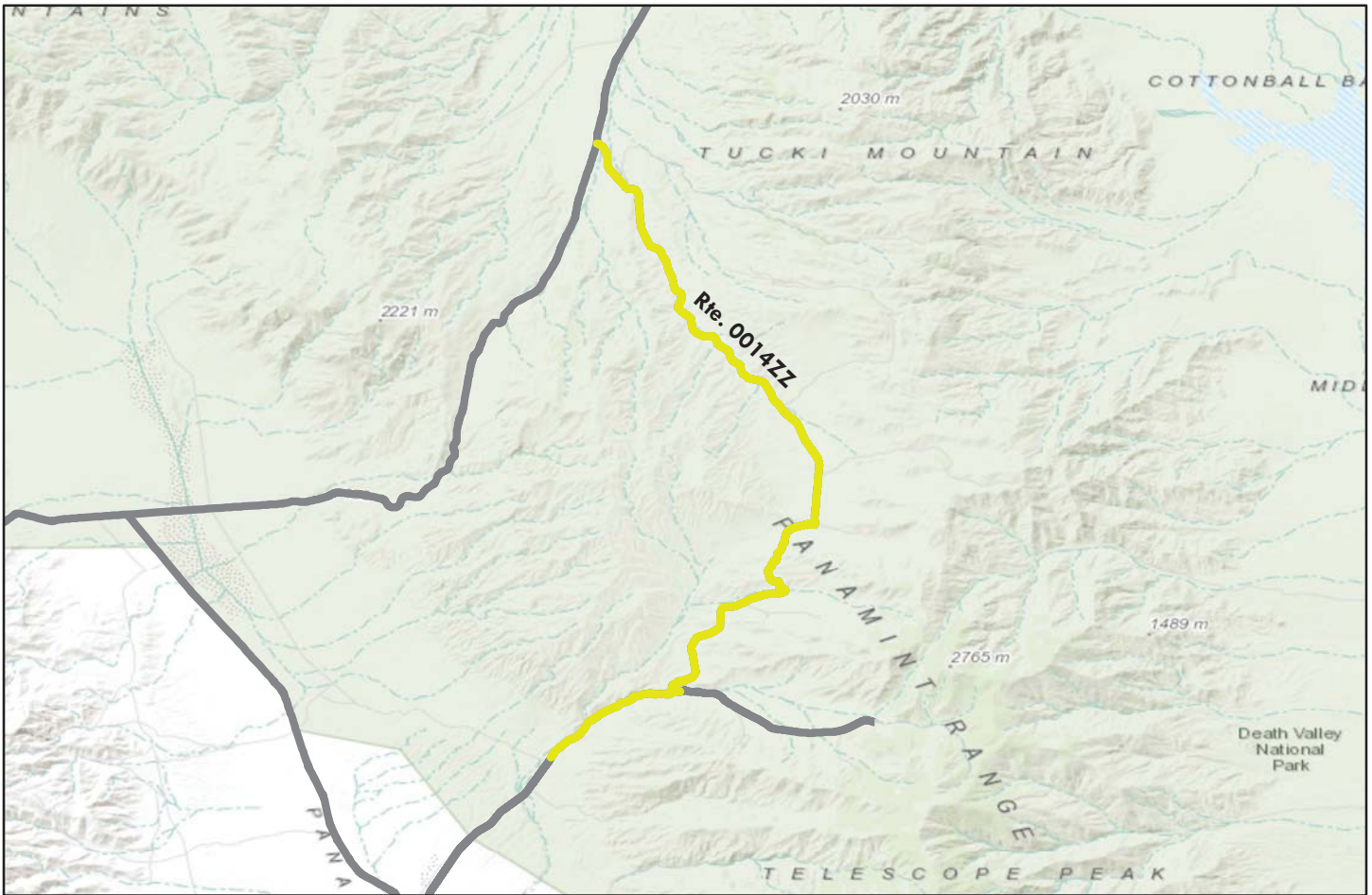
Sources: Esri, HERE, DeLorme, TomTom, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), swisstopo, MapmyIndia, © OpenStreetMap contributors, and the GIS User Community

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: 3/9/2015	Beginning Section MP	10				
Paved Length (Miles): 10.07	Section Length (MI)	0.07				
Surface Type: ASPHALT	Route Summary					
Roadway Condition Information						
Pavement Condition Rating (PCR)	84	88				
Surface Condition Rating (SCR)	91	96				
Roughness Condition Index (RCI)	74	75				
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	91	96				
International Roughness Index (IRI)	187	186				
Lane & Width Information						
Number of Lanes	2	2				
Paved Width (ft)	20	24.2				
Lane Width (ft)	9.5	10.3				

Death Valley National Park

ROUTE 0014ZZ: EMIGRANT CANYON ROAD

Summary Route



Sources: Esri, HERE, DeLorme, TomTom, 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:	3/11/2015					
Paved Length (Miles):	25.13					
Surface Type:	ASPHALT	Route Summary				
Roadway Condition Information						
Pavement Condition Rating (PCR)	73					
Lane & Width Information						
Number of Lanes	2					
Paved Width (ft)	20.3					
Lane Width (ft)	9.8					

Death Valley National Park

ROUTE 0014AZ: EMIGRANT CANYON ROAD (SECTION A)

Subcomponent of Route DEVA-0014ZZ
Data Collection Vehicle (DCV) Rating



Sources: Esri, HERE, DeLorme, TomTom, 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: 3/11/2015	Beginning Section MP	0	1	2	3	4
Paved Length (Miles): 21.25	Section Length (MI)	1	1	1	1	1
Surface Type: ASPHALT	Route Summary					
Roadway Condition Information						
Pavement Condition Rating (PCR)	84	86	93	95	94	91
Surface Condition Rating (SCR)	94	96	97	97	95	95
Roughness Condition Index (RCI)	70	72	86	93	93	86
Distress Index Values						
Structural Crack Index	97	100	100	100	100	100
Alligator Crack Index	100	100	100	100	100	100
Longitudinal Crack Index	97	100	100	100	100	100
Transverse Cracking Index	98	100	100	100	99	99
Patching Index	98	96	98	97	99	96
Rutting Index	94	98	97	98	95	95
International Roughness Index (IRI)	203	193	152	133	132	151
Lane & Width Information						
Number of Lanes	2	2	2	2	2	2
Paved Width (ft)	20.7	23.1	22.5	22.3	22.1	22
Lane Width (ft)	9.9	10.5	10.9	10.4	10.8	9.9

Death Valley National Park

ROUTE 0014AZ: EMIGRANT CANYON ROAD (SECTION A)

Subcomponent of Route DEVA-0014ZZ
Data Collection Vehicle (DCV) Rating



Sources: Esri, HERE, DeLorme, TomTom, 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: 3/11/2015	Beginning Section MP	5	6	7	8	9
Paved Length (Miles): 21.25	Section Length (MI)	1	1	1	1	1
Surface Type: ASPHALT	Route Summary					
Roadway Condition Information						
Pavement Condition Rating (PCR)	84	81	90	82	84	83
Surface Condition Rating (SCR)	94	94	96	93	94	95
Roughness Condition Index (RCI)	70	62	80	65	68	66
Distress Index Values						
Structural Crack Index	97	100	100	100	100	99
Alligator Crack Index	100	100	100	100	100	99
Longitudinal Crack Index	97	100	100	100	100	100
Transverse Cracking Index	98	99	99	99	99	99
Patching Index	98	97	97	98	97	99
Rutting Index	94	94	96	93	94	95
International Roughness Index (IRI)	203	230	169	221	210	216
Lane & Width Information						
Number of Lanes	2	2	2	2	2	2
Paved Width (ft)	20.7	20.3	21.5	20	19.9	18.9
Lane Width (ft)	9.9	8.7	10.3	9.5	9.3	9.1

Death Valley National Park

ROUTE 0014AZ: EMIGRANT CANYON ROAD (SECTION A)

Subcomponent of Route DEVA-0014ZZ
Data Collection Vehicle (DCV) Rating



Sources: Esri, HERE, DeLorme, TomTom, 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: 3/11/2015	Beginning Section MP	10	11	12	13	14
Paved Length (Miles): 21.25	Section Length (MI)	1	1	1	1	1
Surface Type: ASPHALT	Route Summary					
Roadway Condition Information						
Pavement Condition Rating (PCR)	84	83	76	81	74	74
Surface Condition Rating (SCR)	94	92	80	89	88	92
Roughness Condition Index (RCI)	70	70	71	70	54	48
Distress Index Values						
Structural Crack Index	97	100	80	90	96	99
Alligator Crack Index	100	100	97	100	100	100
Longitudinal Crack Index	97	100	83	90	96	99
Transverse Cracking Index	98	99	93	94	98	98
Patching Index	98	99	100	100	100	100
Rutting Index	94	92	92	89	88	92
International Roughness Index (IRI)	203	203	199	203	263	291
Lane & Width Information						
Number of Lanes	2	2	2	2	2	2
Paved Width (ft)	20.7	19.9	20.3	20.3	20.9	19.7
Lane Width (ft)	9.9	10	9.6	10.2	10.2	9.2

Death Valley National Park

ROUTE 0014AZ: EMIGRANT CANYON ROAD (SECTION A)

Subcomponent of Route DEVA-0014ZZ
Data Collection Vehicle (DCV) Rating



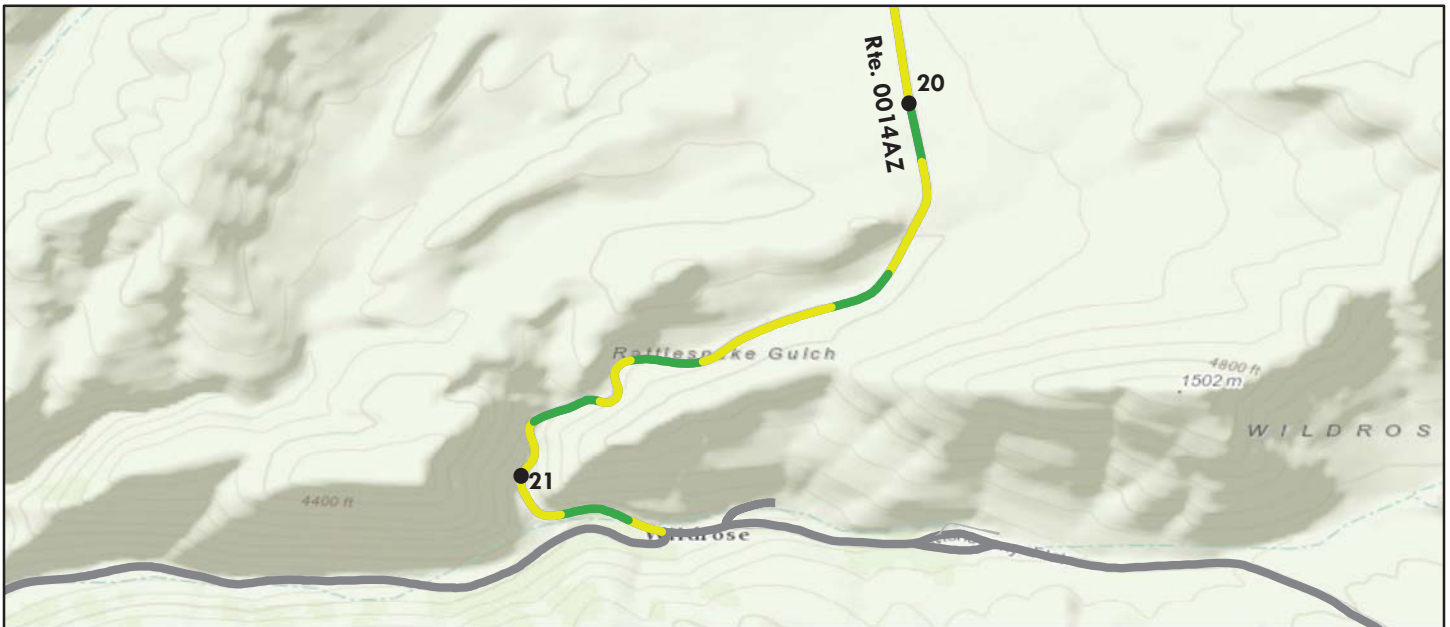
Sources: Esri, HERE, DeLorme, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), swisstopo, MapmyIndia, © OpenStreetMap contributors, and the GIS User Community

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: 3/11/2015	Beginning Section MP	15	16	17	18	19
Paved Length (Miles): 21.25	Section Length (MI)	1	1	1	1	1
Surface Type: ASPHALT	Route Summary					
Roadway Condition Information						
Pavement Condition Rating (PCR)	84	79	83	82	87	80
Surface Condition Rating (SCR)	94	95	93	93	93	92
Roughness Condition Index (RCI)	70	55	68	66	77	63
Distress Index Values						
Structural Crack Index	97	100	97	95	97	92
Alligator Crack Index	100	100	100	100	100	100
Longitudinal Crack Index	97	100	97	95	97	92
Transverse Cracking Index	98	100	97	95	98	93
Patching Index	98	98	100	99	99	98
Rutting Index	94	95	93	93	93	93
International Roughness Index (IRI)	203	258	208	217	179	226
Lane & Width Information						
Number of Lanes	2	2	2	2	2	2
Paved Width (ft)	20.7	19.5	20	20.1	20.8	20.8
Lane Width (ft)	9.9	9.5	9.7	9.8	10.1	10.1

Death Valley National Park

ROUTE 0014AZ: EMIGRANT CANYON ROAD (SECTION A)

Subcomponent of Route DEVA-0014ZZ
Data Collection Vehicle (DCV) Rating



Sources: Esri, HERE, DeLorme, TomTom, 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

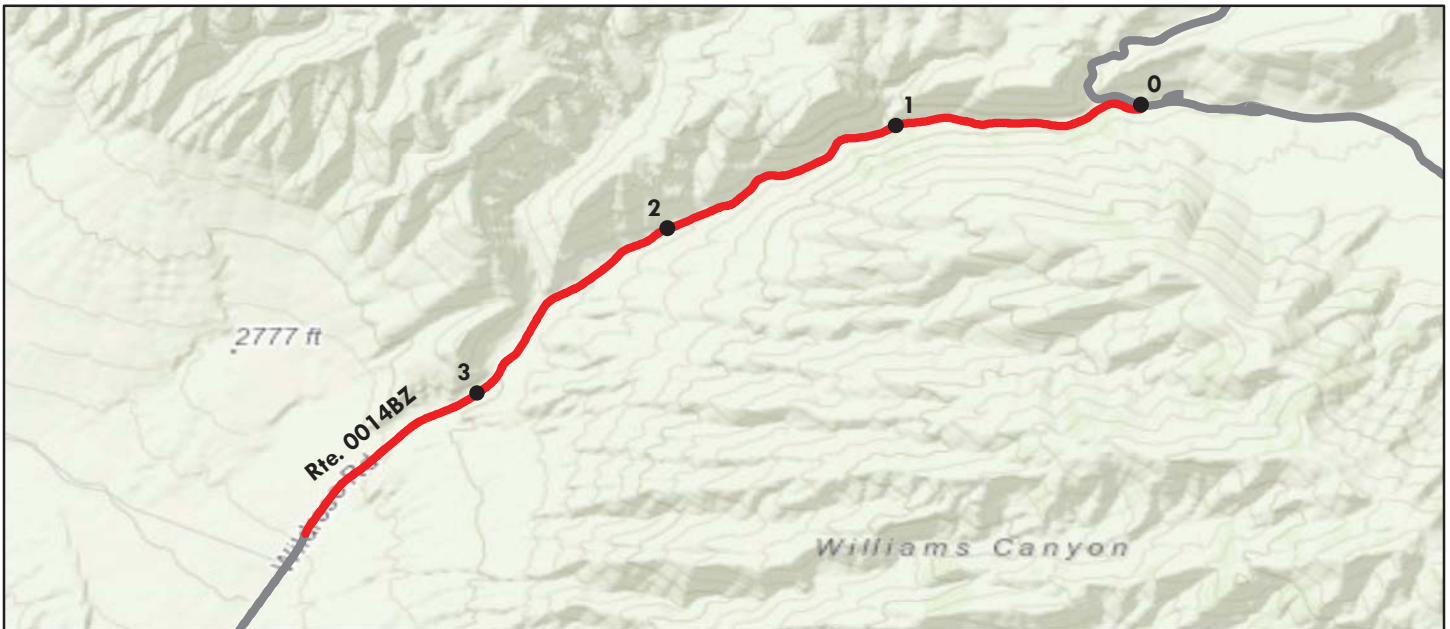
Route Condition Legend – Pavement Condition Rating (PCR)						
Poor (0 - 60)	Fair (61- 84)	Good (85 - 94)	Excellent (95 - 100)	Not Rated		
See Appendix for definitions and formulas						
Inspection Date: 3/11/2015	Beginning Section MP	20	21			
Paved Length (Miles): 21.25	Section Length (MI)	1	0.25			
Surface Type: ASPHALT	Route Summary					
Roadway Condition Information						
Pavement Condition Rating (PCR)	84	84	79			
Surface Condition Rating (SCR)	94	95	94			
Roughness Condition Index (RCI)	70	67	57			
Distress Index Values						
Structural Crack Index	97	97	95			
Alligator Crack Index	100	100	97			
Longitudinal Crack Index	97	97	98			
Transverse Cracking Index	98	98	97			
Patching Index	98	99	100			
Rutting Index	94	95	94			
International Roughness Index (IRI)	203	212	253			
Lane & Width Information						
Number of Lanes	2	2	2			
Paved Width (ft)	20.7	19.6	19.5			
Lane Width (ft)	9.9	9.5	9			

Death Valley National Park

ROUTE 0014BZ: EMIGRANT CANYON ROAD (SECTION B)

Subcomponent of Route DEVA-0014ZZ

Manual Rating



Sources: Esri, HERE, DeLorme, TomTom, 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: 3/11/2015	Beginning Section MP	0.00	1.00	2.00	3.00	
Paved Length (Miles): 3.88	Section Length (MI)	1.00	1.00	1.00	0.88	
Surface Type: ASPHALT	Route Summary					
Roadway Condition Information						
Pavement Condition Rating (PCR)	0	0	0	0	0	
Surface Condition Rating (SCR)	0	0	0	0	0	
Roughness Condition Index (RCI)	N/A	N/A	N/A	N/A	N/A	
Distress Index Values						
Structural Crack Index	N/A	N/A	N/A	N/A	N/A	
Alligator Crack Index	N/A	N/A	N/A	N/A	N/A	
Longitudinal Crack Index	N/A	N/A	N/A	N/A	N/A	
Transverse Cracking Index	N/A	N/A	N/A	N/A	N/A	
Patching Index	N/A	N/A	N/A	N/A	N/A	
Rutting Index	N/A	N/A	N/A	N/A	N/A	
International Roughness Index (IRI)	N/A	N/A	N/A	N/A	N/A	
Lane & Width Information						
Number of Lanes	2	2	2	2	2	
Paved Width (ft)	18	20	15.8	19.2	16.8	
Lane Width (ft)	9	10	7.9	9.6	8.4	

Route was given a Pavement Condition Rating (PCR) of 0 because it is in very poor condition. Individual distress indices could not be determined because of the excessive distress quantity and missing sections of pavement.

Death Valley National Park

ROUTE 0014BZ: EMIGRANT CANYON ROAD (SECTION B)

Condition Photos

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



DEVA_0014BZ_MP_0.0_0997.JPG



DEVA_0014BZ_MP_0.1_0996.JPG



DEVA_0014BZ_MP_0.2_0995.JPG



DEVA_0014BZ_MP_0.3_0994.JPG



DEVA_0014BZ_MP_0.4_0993.JPG



DEVA_0014BZ_MP_0.5_0992.JPG

Death Valley National Park

ROUTE 0014BZ: EMIGRANT CANYON ROAD (SECTION B)

Condition Photos

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



DEVA_0014BZ_MP_0.6_0991.JPG



DEVA_0014BZ_MP_0.7_0990.JPG



DEVA_0014BZ_MP_0.8_0989.JPG



DEVA_0014BZ_MP_0.9_0988.JPG



DEVA_0014BZ_MP_1.0_0987.JPG



DEVA_0014BZ_MP_1.1_0986.JPG

Death Valley National Park

ROUTE 0014BZ: EMIGRANT CANYON ROAD (SECTION B)

Condition Photos

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



DEVA_0014BZ_MP_1.2_0985.JPG



DEVA_0014BZ_MP_1.3_0984.JPG



DEVA_0014BZ_MP_1.4_0983.JPG



DEVA_0014BZ_MP_1.5_0982.JPG



DEVA_0014BZ_MP_1.6_0981.JPG



DEVA_0014BZ_MP_1.7_0980.JPG

Death Valley National Park

ROUTE 0014BZ: EMIGRANT CANYON ROAD (SECTION B)

Condition Photos

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



DEVA_0014BZ_MP_1.8_0979.JPG



DEVA_0014BZ_MP_1.9_0978.JPG



DEVA_0014BZ_MP_2.0_0977.JPG



DEVA_0014BZ_MP_2.1_0976.JPG



DEVA_0014BZ_MP_2.2_0975.JPG



DEVA_0014BZ_MP_2.3_0974.JPG

Death Valley National Park

ROUTE 0014BZ: EMIGRANT CANYON ROAD (SECTION B)

Condition Photos

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



DEVA_0014BZ_MP_2.4_0973.JPG



DEVA_0014BZ_MP_2.5_0972.JPG



DEVA_0014BZ_MP_2.6_0971.JPG



DEVA_0014BZ_MP_2.7_0970.JPG



DEVA_0014BZ_MP_2.8_0969.JPG



DEVA_0014BZ_MP_2.9_0968.JPG

Death Valley National Park

ROUTE 0014BZ: EMIGRANT CANYON ROAD (SECTION B)

Condition Photos

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



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DEVA_0014BZ_MP_3.1_0966.JPG



DEVA_0014BZ_MP_3.2_0965.JPG



DEVA_0014BZ_MP_3.3_0964.JPG



DEVA_0014BZ_MP_3.4_0963.JPG



DEVA_0014BZ_MP_3.5_0962.JPG

Death Valley National Park

ROUTE 0014BZ: EMIGRANT CANYON ROAD (SECTION B)

Condition Photos

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



DEVA_0014BZ_MP_3.6_0961.JPG



DEVA_0014BZ_MP_3.7_0960.JPG



DEVA_0014BZ_MP_3.8_0959.JPG



DEVA_0014BZ_MP_3.9_0958.JPG

Death Valley National Park

ROUTE 0015: BADWATER ROAD

Data Collection Vehicle (DCV) Rating



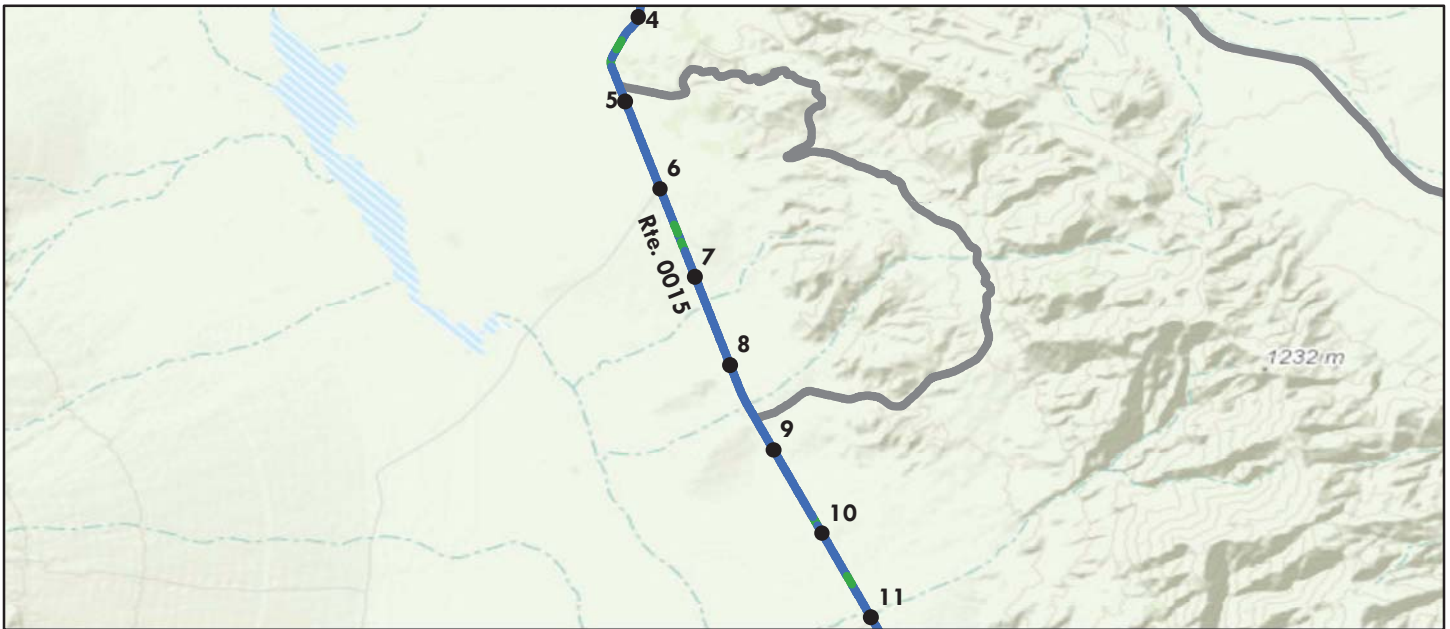
Sources: Esri, HERE, DeLorme, TomTom, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), swisstopo, MapmyIndia, © OpenStreetMap contributors, and the GIS User Community

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: 3/10/2015	Beginning Section MP	0	1	2	3	4
Paved Length (Miles): 56.28	Section Length (MI)	1	1	1	1	1
Surface Type: ASPHALT	Route Summary					
Roadway Condition Information						
Pavement Condition Rating (PCR)	91	96	99	97	98	97
Surface Condition Rating (SCR)	91	97	98	95	96	96
Roughness Condition Index (RCI)	92	95	100	100	100	98
Distress Index Values						
Structural Crack Index	94	99	100	99	100	100
Alligator Crack Index	100	100	100	100	100	100
Longitudinal Crack Index	94	99	100	99	100	100
Transverse Cracking Index	91	97	98	95	96	96
Patching Index	100	98	99	100	100	100
Rutting Index	98	100	100	100	100	100
International Roughness Index (IRI)	136	127	112	104	104	120
Lane & Width Information						
Number of Lanes	2	2	2	2	2	2
Paved Width (ft)	22	25.5	24.4	24.8	24.4	25.2
Lane Width (ft)	10	10.3	10.2	10.3	10.3	10.3

Death Valley National Park

ROUTE 0015: BADWATER ROAD

Data Collection Vehicle (DCV) Rating



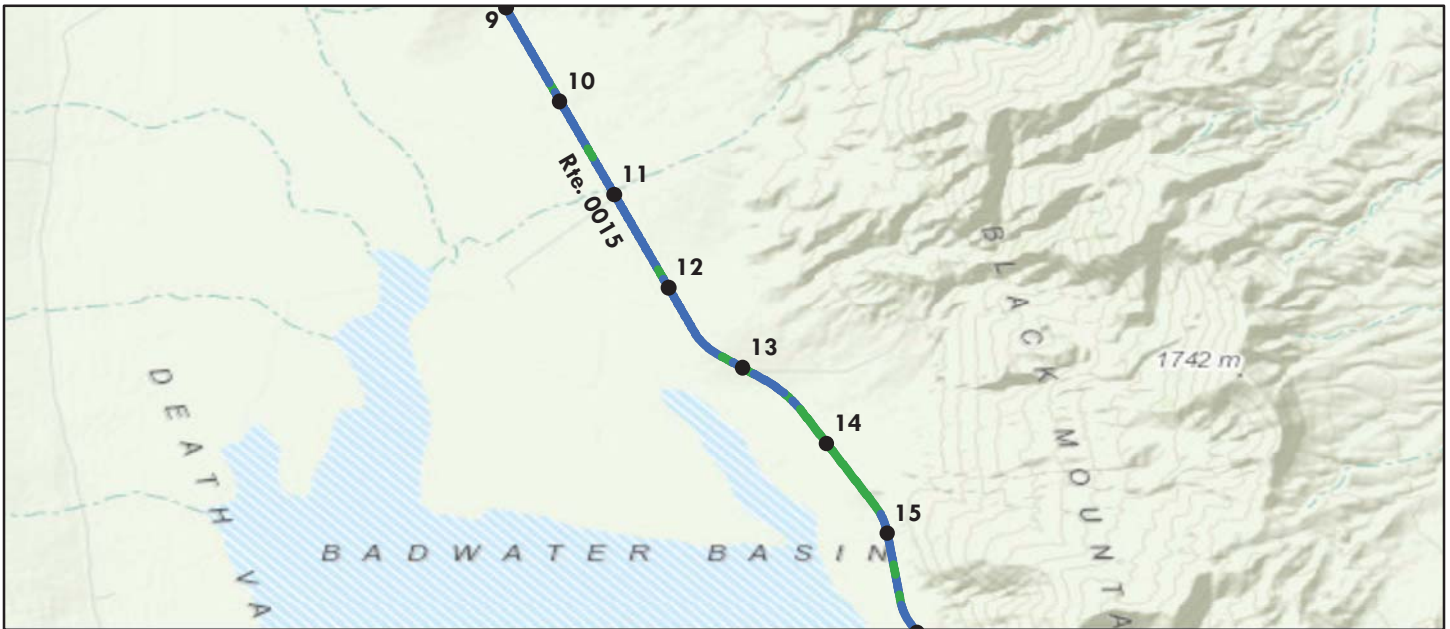
Sources: Esri, HERE, DeLorme, TomTom, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), swisstopo, MapmyIndia, © OpenStreetMap contributors, and the GIS User Community

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: 3/10/2015	Beginning Section MP	5	6	7	8	9
Paved Length (Miles): 56.28	Section Length (MI)	1	1	1	1	1
Surface Type: ASPHALT	Route Summary					
Roadway Condition Information						
Pavement Condition Rating (PCR)	91	98	98	97	99	99
Surface Condition Rating (SCR)	91	96	96	95	98	98
Roughness Condition Index (RCI)	92	100	100	100	100	100
Distress Index Values						
Structural Crack Index	94	100	99	100	100	100
Alligator Crack Index	100	100	100	100	100	100
Longitudinal Crack Index	94	100	99	100	100	100
Transverse Cracking Index	91	96	96	95	98	99
Patching Index	100	100	100	100	100	98
Rutting Index	98	100	100	100	100	100
International Roughness Index (IRI)	136	100	108	100	107	112
Lane & Width Information						
Number of Lanes	2	2	2	2	2	2
Paved Width (ft)	22	24.9	25.2	25.3	25.5	25.5
Lane Width (ft)	10	10.2	10.3	10.3	10.3	10.3

Death Valley National Park

ROUTE 0015: BADWATER ROAD

Data Collection Vehicle (DCV) Rating



Sources: Esri, HERE, DeLorme, TomTom, 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: 3/10/2015	Beginning Section MP	10	11	12	13	14
Paved Length (Miles): 56.28	Section Length (MI)	1	1	1	1	1
Surface Type: ASPHALT	Route Summary					
Roadway Condition Information						
Pavement Condition Rating (PCR)	91	96	95	95	94	93
Surface Condition Rating (SCR)	91	93	92	92	90	88
Roughness Condition Index (RCI)	92	100	100	100	100	100
Distress Index Values						
Structural Crack Index	94	99	100	100	100	96
Alligator Crack Index	100	100	100	100	100	100
Longitudinal Crack Index	94	99	100	100	100	96
Transverse Cracking Index	91	93	92	92	90	88
Patching Index	100	100	100	99	98	99
Rutting Index	98	100	100	100	100	100
International Roughness Index (IRI)	136	97	101	106	104	96
Lane & Width Information						
Number of Lanes	2	2	2	2	2	2
Paved Width (ft)	22	25.2	25.5	25.5	25.5	25.3
Lane Width (ft)	10	10.3	10.3	10.3	10.4	10.3

Death Valley National Park

ROUTE 0015: BADWATER ROAD

Data Collection Vehicle (DCV) Rating



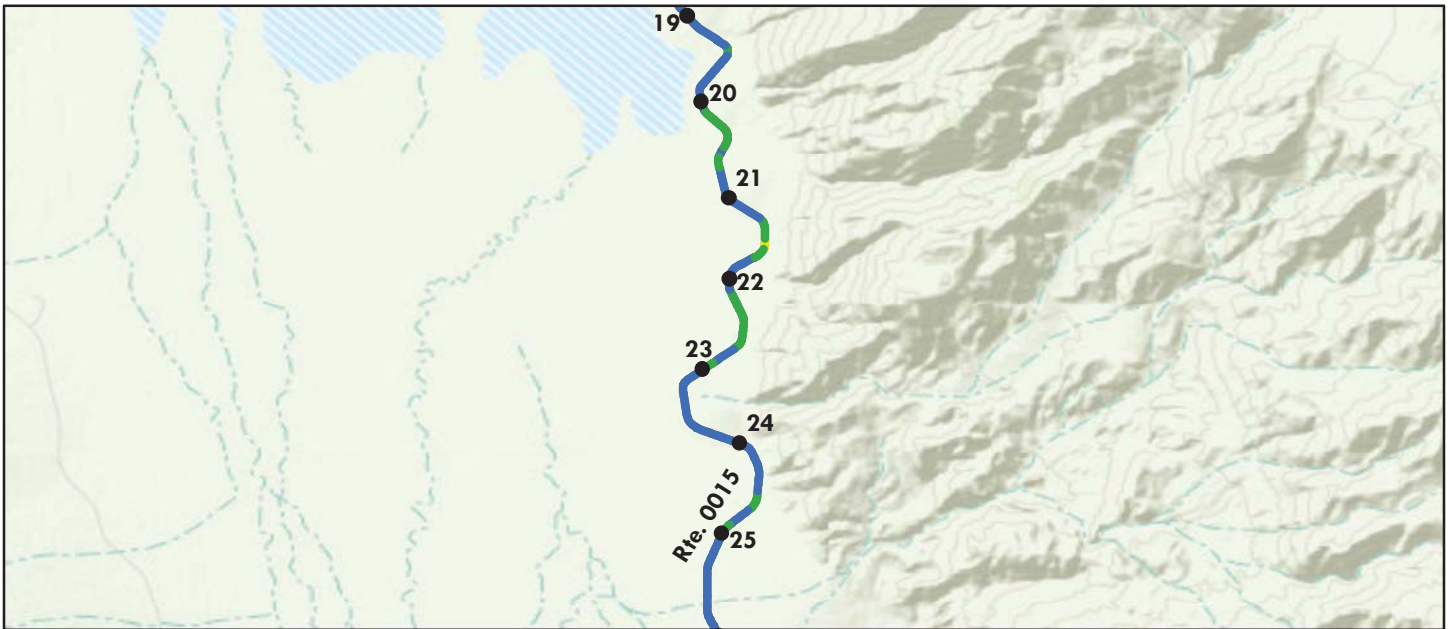
Sources: Esri, HERE, DeLorme, TomTom, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), swisstopo, MapmyIndia, © OpenStreetMap contributors, and the GIS User Community

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: 3/10/2015	Beginning Section MP	15	16	17	18	19
Paved Length (Miles): 56.28	Section Length (MI)	1	1	1	1	1
Surface Type: ASPHALT	Route Summary					
Roadway Condition Information						
Pavement Condition Rating (PCR)	91	96	99	90	94	99
Surface Condition Rating (SCR)	91	93	98	97	97	98
Roughness Condition Index (RCI)	92	100	100	79	89	100
Distress Index Values						
Structural Crack Index	94	100	100	99	100	100
Alligator Crack Index	100	100	100	100	100	100
Longitudinal Crack Index	94	100	100	99	100	100
Transverse Cracking Index	91	93	98	97	97	98
Patching Index	100	98	100	100	100	100
Rutting Index	98	100	99	98	100	100
International Roughness Index (IRI)	136	100	113	173	143	112
Lane & Width Information						
Number of Lanes	2	2	2	2	2	2
Paved Width (ft)	22	25	24.8	19.8	20.3	19.9
Lane Width (ft)	10	10.4	10.4	9.4	9.6	9.2

Death Valley National Park

ROUTE 0015: BADWATER ROAD

Data Collection Vehicle (DCV) Rating



Sources: Esri, HERE, DeLorme, TomTom, 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: 3/10/2015	Beginning Section MP	20	21	22	23	24
Paved Length (Miles): 56.28	Section Length (MI)	1	1	1	1	1
Surface Type: ASPHALT	Route Summary					
Roadway Condition Information						
Pavement Condition Rating (PCR)	91	96	95	92	98	97
Surface Condition Rating (SCR)	91	93	96	94	97	98
Roughness Condition Index (RCI)	92	100	93	90	100	95
Distress Index Values						
Structural Crack Index	94	100	100	100	100	100
Alligator Crack Index	100	100	100	100	100	100
Longitudinal Crack Index	94	100	100	100	100	100
Transverse Cracking Index	91	93	96	94	97	98
Patching Index	100	100	100	100	100	100
Rutting Index	98	100	99	100	100	98
International Roughness Index (IRI)	136	108	132	140	113	128
Lane & Width Information						
Number of Lanes	2	2	2	2	2	2
Paved Width (ft)	22	19.8	20.2	19.7	20	20.2
Lane Width (ft)	10	8.7	9.1	9	9	9.6

Death Valley National Park

ROUTE 0015: BADWATER ROAD

Data Collection Vehicle (DCV) Rating



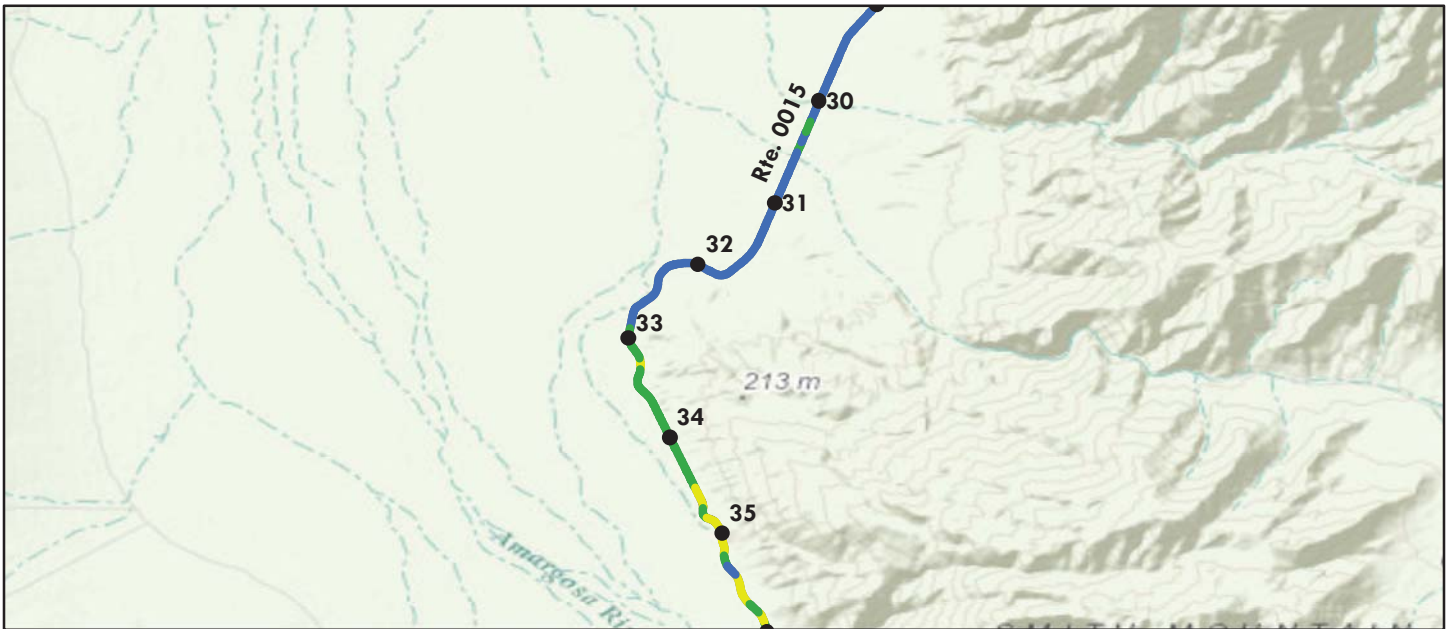
Sources: Esri, HERE, DeLorme, TomTom, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), swisstopo, MapmyIndia, © OpenStreetMap contributors, and the GIS User Community

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: 3/10/2015	Beginning Section MP	25	26	27	28	29
Paved Length (Miles): 56.28	Section Length (MI)	1	1	1	1	1
Surface Type: ASPHALT	Route Summary					
Roadway Condition Information						
Pavement Condition Rating (PCR)	91	99	99	99	100	99
Surface Condition Rating (SCR)	91	99	98	99	100	99
Roughness Condition Index (RCI)	92	100	100	100	100	100
Distress Index Values						
Structural Crack Index	94	100	100	100	100	100
Alligator Crack Index	100	100	100	100	100	100
Longitudinal Crack Index	94	100	100	100	100	100
Transverse Cracking Index	91	99	98	99	100	100
Patching Index	100	100	100	100	100	100
Rutting Index	98	99	100	100	100	99
International Roughness Index (IRI)	136	100	110	99	102	77
Lane & Width Information						
Number of Lanes	2	2	2	2	2	2
Paved Width (ft)	22	20.1	19.9	20.2	20.3	20.4
Lane Width (ft)	10	9.5	9.1	9.3	8.9	8.8

Death Valley National Park

ROUTE 0015: BADWATER ROAD

Data Collection Vehicle (DCV) Rating



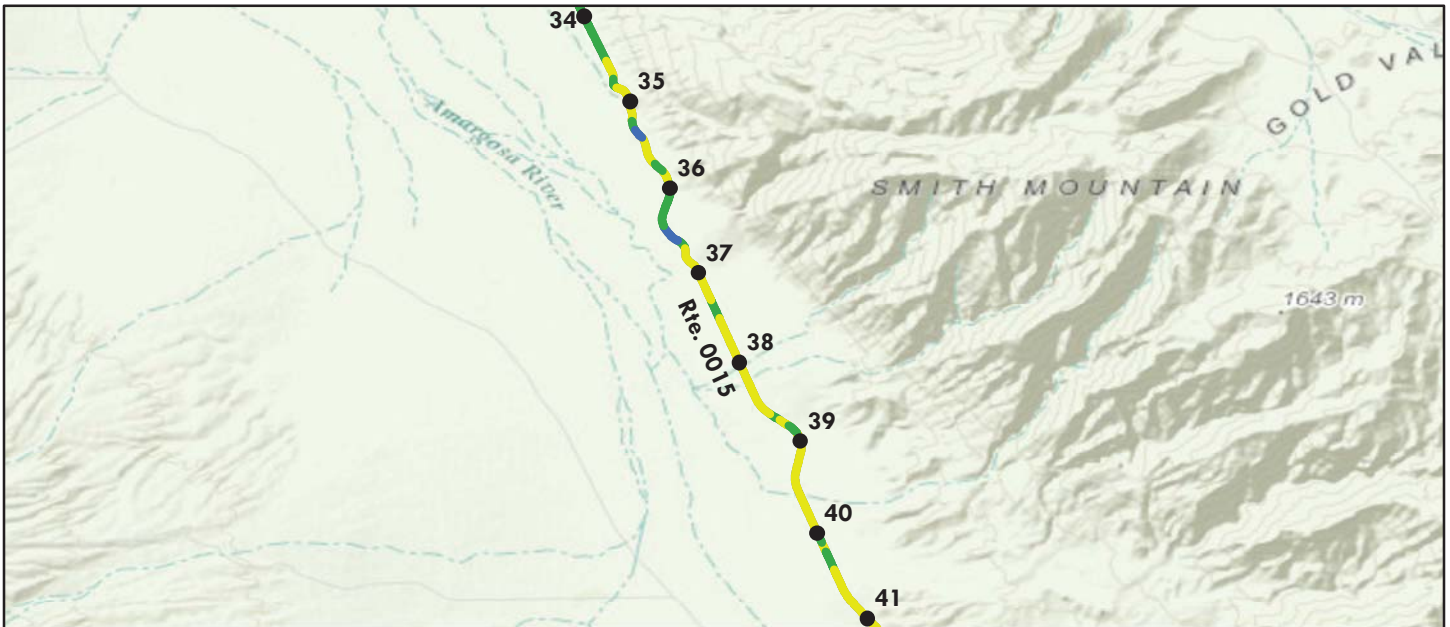
Sources: Esri, HERE, DeLorme, TomTom, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), swisstopo, MapmyIndia, © OpenStreetMap contributors, and the GIS User Community

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: 3/10/2015	Beginning Section MP	30	31	32	33	34
Paved Length (Miles): 56.28	Section Length (MI)	1	1	1	1	1
Surface Type: ASPHALT	Route Summary					
Roadway Condition Information						
Pavement Condition Rating (PCR)	91	99	99	99	89	89
Surface Condition Rating (SCR)	91	99	99	98	87	83
Roughness Condition Index (RCI)	92	100	100	100	92	97
Distress Index Values						
Structural Crack Index	94	100	100	100	87	83
Alligator Crack Index	100	100	100	100	100	100
Longitudinal Crack Index	94	100	100	100	87	83
Transverse Cracking Index	91	100	99	98	91	92
Patching Index	100	100	100	100	100	100
Rutting Index	98	99	99	99	97	96
International Roughness Index (IRI)	136	113	102	101	134	123
Lane & Width Information						
Number of Lanes	2	2	2	2	2	2
Paved Width (ft)	22	20.5	20.2	20.6	19.7	20.3
Lane Width (ft)	10	9.4	8.9	9.8	9.8	10.2

Death Valley National Park

ROUTE 0015: BADWATER ROAD

Data Collection Vehicle (DCV) Rating



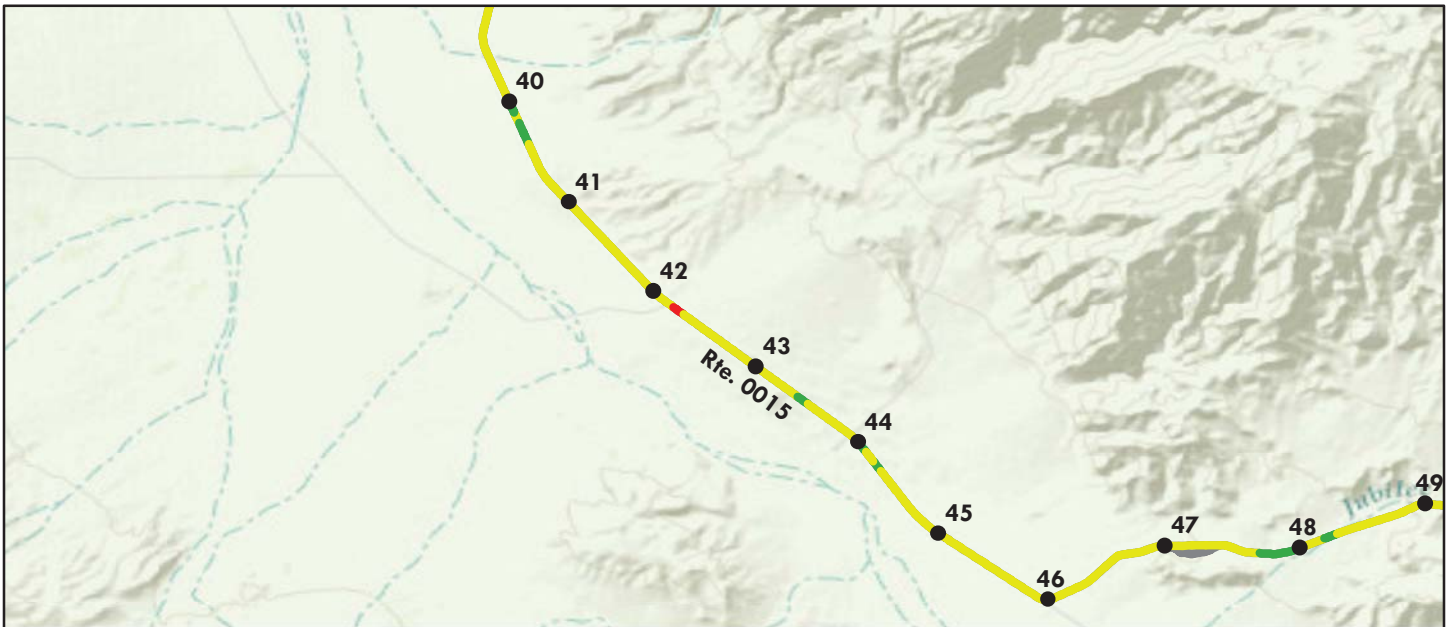
Sources: Esri, HERE, DeLorme, TomTom, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), swisstopo, MapmyIndia, © OpenStreetMap contributors, and the GIS User Community

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: 3/10/2015	Beginning Section MP	35	36	37	38	39
Paved Length (Miles): 56.28	Section Length (MI)	1	1	1	1	1
Surface Type: ASPHALT	Route Summary					
Roadway Condition Information						
Pavement Condition Rating (PCR)	91	85	87	78	77	76
Surface Condition Rating (SCR)	91	84	88	71	76	79
Roughness Condition Index (RCI)	92	86	86	89	78	72
Distress Index Values						
Structural Crack Index	94	84	88	71	76	80
Alligator Crack Index	100	100	100	100	100	100
Longitudinal Crack Index	94	84	88	71	76	80
Transverse Cracking Index	91	95	91	86	80	79
Patching Index	100	100	99	100	99	100
Rutting Index	98	95	95	93	96	95
International Roughness Index (IRI)	136	152	152	143	176	194
Lane & Width Information						
Number of Lanes	2	2	2	2	2	2
Paved Width (ft)	22	21.4	21.4	20.3	19.5	19.6
Lane Width (ft)	10	10.7	10.7	10.1	9.4	9.9

Death Valley National Park

ROUTE 0015: BADWATER ROAD

Data Collection Vehicle (DCV) Rating



Sources: Esri, HERE, DeLorme, TomTom, 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: 3/10/2015	Beginning Section MP	40	41	42	43	44
Paved Length (Miles): 56.28	Section Length (MI)	1	1	1	1	1
Surface Type: ASPHALT	Route Summary					
Roadway Condition Information						
Pavement Condition Rating (PCR)	91	84	79	67	81	76
Surface Condition Rating (SCR)	91	92	78	72	91	79
Roughness Condition Index (RCI)	92	73	80	60	66	71
Distress Index Values						
Structural Crack Index	94	94	83	75	95	88
Alligator Crack Index	100	100	100	100	100	100
Longitudinal Crack Index	94	94	83	75	95	88
Transverse Cracking Index	91	95	78	72	91	79
Patching Index	100	100	100	100	100	100
Rutting Index	98	92	93	94	93	95
International Roughness Index (IRI)	136	190	169	239	214	199
Lane & Width Information						
Number of Lanes	2	2	2	2	2	2
Paved Width (ft)	22	19.5	19.6	20.2	21	21.9
Lane Width (ft)	10	9.8	9.8	10.1	10.5	10.9

Death Valley National Park

ROUTE 0015: BADWATER ROAD

Data Collection Vehicle (DCV) Rating



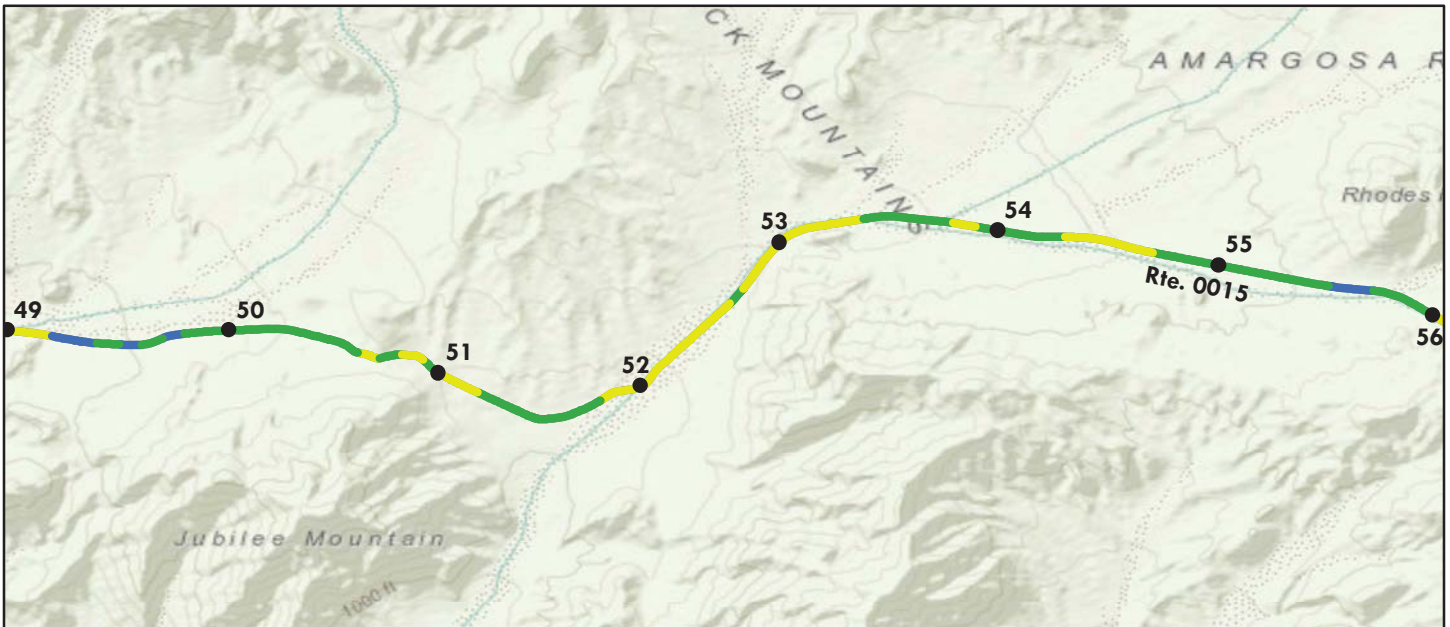
Sources: Esri, HERE, DeLorme, TomTom, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), swisstopo, MapmyIndia, © OpenStreetMap contributors, and the GIS User Community

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: 3/10/2015	Beginning Section MP	45	46	47	48	49
Paved Length (Miles): 56.28	Section Length (MI)	1	1	1	1	1
Surface Type: ASPHALT	Route Summary					
Roadway Condition Information						
Pavement Condition Rating (PCR)	91	70	70	78	77	91
Surface Condition Rating (SCR)	91	76	73	76	71	89
Roughness Condition Index (RCI)	92	61	66	81	87	95
Distress Index Values						
Structural Crack Index	94	90	88	87	80	94
Alligator Crack Index	100	100	100	100	100	100
Longitudinal Crack Index	94	90	88	87	80	94
Transverse Cracking Index	91	76	73	76	71	89
Patching Index	100	100	100	100	98	99
Rutting Index	98	93	92	94	95	96
International Roughness Index (IRI)	136	235	217	167	149	128
Lane & Width Information						
Number of Lanes	2	2	2	2	2	2
Paved Width (ft)	22	22.5	21.2	22	22.6	23.4
Lane Width (ft)	10	10.6	9.7	10.8	10.6	11.8

Death Valley National Park

ROUTE 0015: BADWATER ROAD

Data Collection Vehicle (DCV) Rating



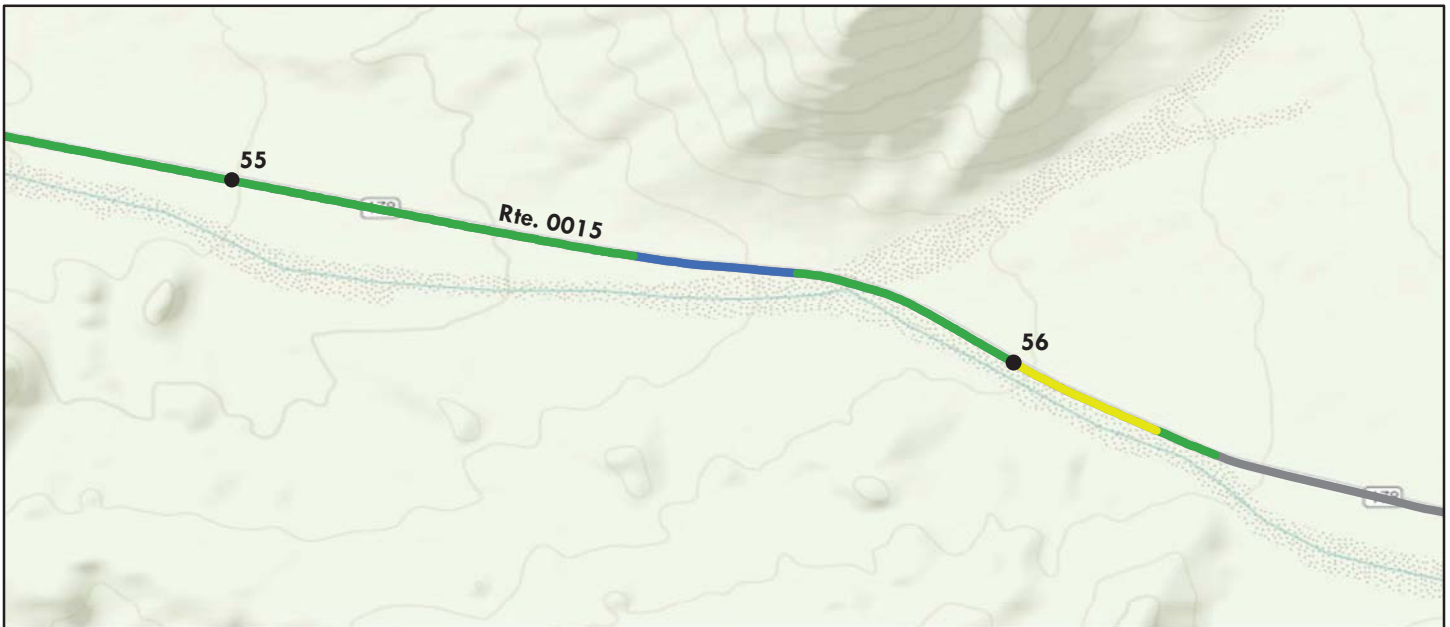
Sources: Esri, HERE, DeLorme, TomTom, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), swisstopo, MapmyIndia, © OpenStreetMap contributors, and the GIS User Community

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: 3/10/2015	Beginning Section MP	50	51	52	53	54
Paved Length (Miles): 56.28	Section Length (MI)	1	1	1	1	1
Surface Type: ASPHALT	Route Summary					
Roadway Condition Information						
Pavement Condition Rating (PCR)	91	87	81	78	86	87
Surface Condition Rating (SCR)	91	90	81	68	84	93
Roughness Condition Index (RCI)	92	82	80	92	89	79
Distress Index Values						
Structural Crack Index	94	96	90	87	87	93
Alligator Crack Index	100	100	100	100	100	100
Longitudinal Crack Index	94	96	90	87	87	93
Transverse Cracking Index	91	90	81	68	84	93
Patching Index	100	100	100	100	100	100
Rutting Index	98	95	95	95	95	95
International Roughness Index (IRI)	136	163	169	135	143	173
Lane & Width Information						
Number of Lanes	2	2	2	2	2	2
Paved Width (ft)	22	21.3	21.2	22.2	21.4	21.4
Lane Width (ft)	10	10.2	10.1	10.7	10	10.7

Death Valley National Park

ROUTE 0015: BADWATER ROAD

Data Collection Vehicle (DCV) Rating



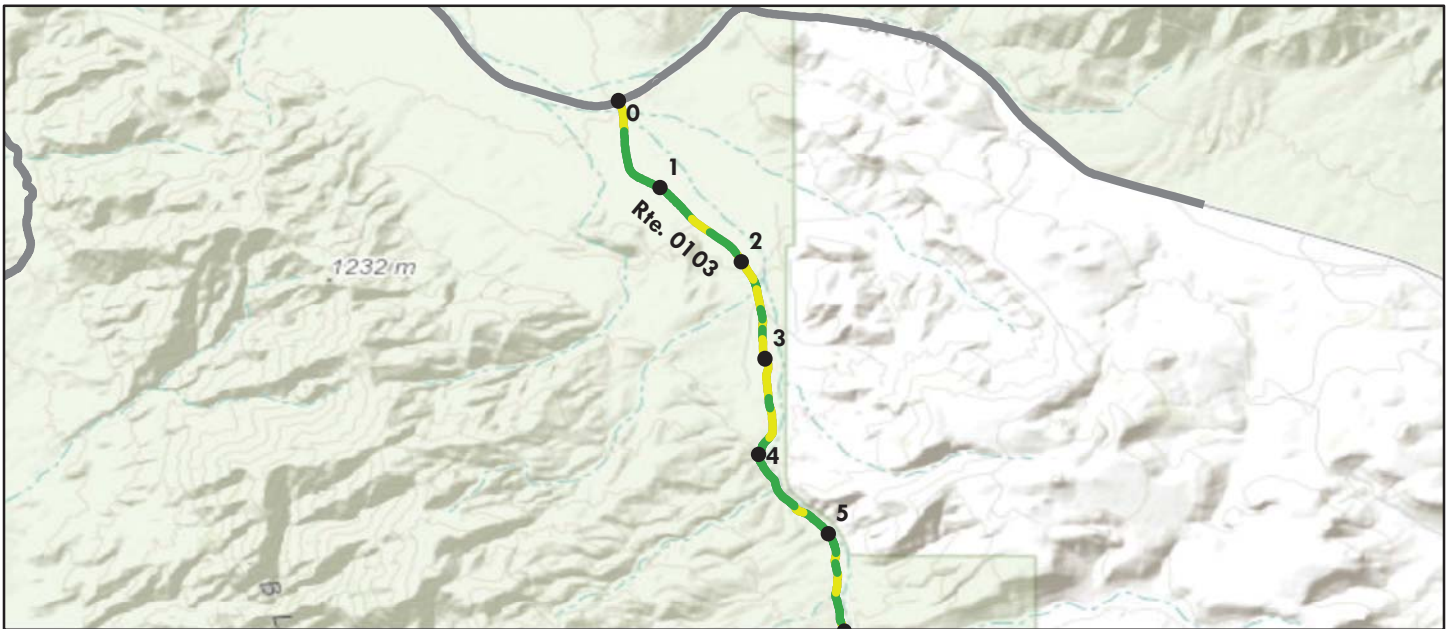
Sources: Esri, HERE, DeLorme, TomTom, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), swisstopo, MapmyIndia, © OpenStreetMap contributors, and the GIS User Community

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:	3/10/2015	Beginning Section MP	55	56					
Paved Length (Miles):	56.28	Section Length (MI)	1	0.28					
Surface Type:	ASPHALT	Route Summary							
Roadway Condition Information									
Pavement Condition Rating (PCR)	91	92	87						
Surface Condition Rating (SCR)	91	95	97						
Roughness Condition Index (RCI)	92	88	72						
Distress Index Values									
Structural Crack Index	94	100	100						
Alligator Crack Index	100	100	100						
Longitudinal Crack Index	94	100	100						
Transverse Cracking Index	91	100	97						
Patching Index	100	100	100						
Rutting Index	98	95	97						
International Roughness Index (IRI)	136	146	196						
Lane & Width Information									
Number of Lanes	2	2	2						
Paved Width (ft)	22	21.2	20.5						
Lane Width (ft)	10	10.4	10						

Death Valley National Park

ROUTE 0103: DANTE'S VIEW ROAD

Data Collection Vehicle (DCV) Rating



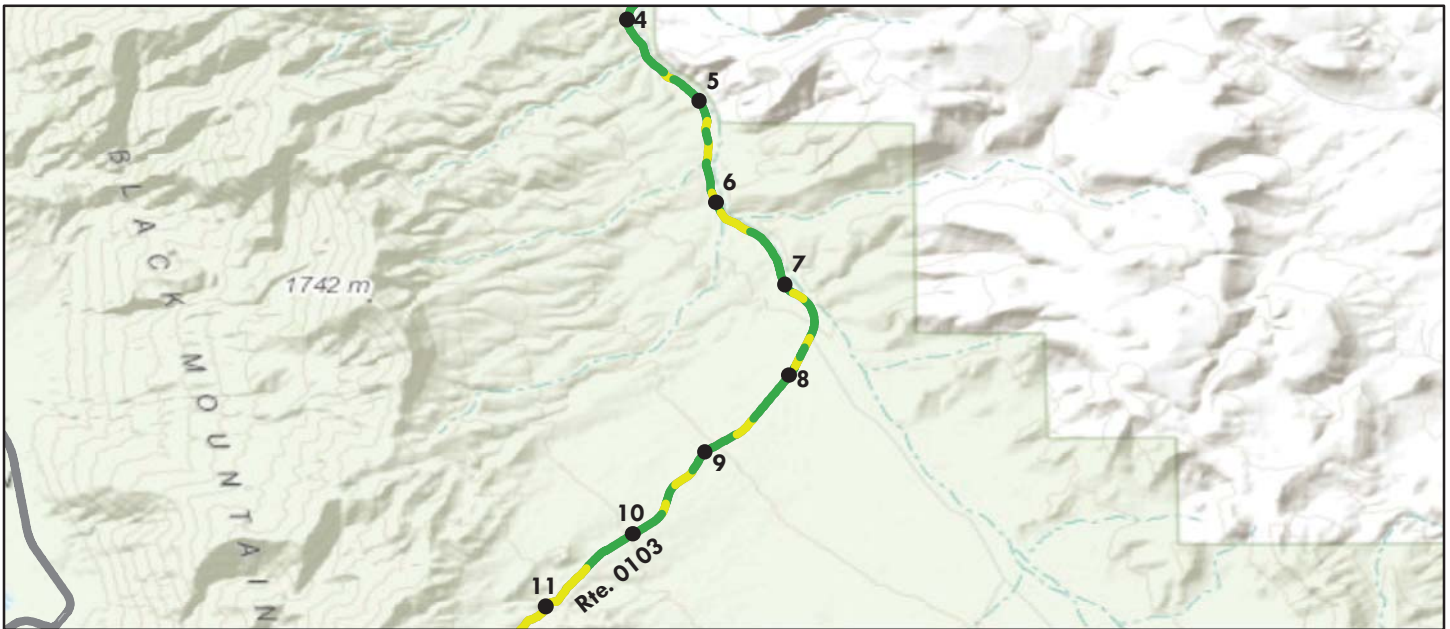
Sources: Esri, HERE, DeLorme, TomTom, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), swisstopo, MapmyIndia, © OpenStreetMap contributors, and the GIS User Community

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: 3/10/2015	Beginning Section MP	0	1	2	3	4
Paved Length (Miles): 13.26	Section Length (MI)	1	1	1	1	1
Surface Type: ASPHALT	Route Summary					
Roadway Condition Information						
Pavement Condition Rating (PCR)	85	85	85	83	84	91
Surface Condition Rating (SCR)	82	82	83	82	82	89
Roughness Condition Index (RCI)	89	90	89	84	86	94
Distress Index Values						
Structural Crack Index	90	86	87	82	82	96
Alligator Crack Index	100	100	100	100	100	100
Longitudinal Crack Index	90	86	87	82	82	96
Transverse Cracking Index	82	82	83	83	91	89
Patching Index	100	100	100	100	100	100
Rutting Index	90	93	91	91	87	91
International Roughness Index (IRI)	142	141	143	158	152	131
Lane & Width Information						
Number of Lanes	2	2	2	2	2	2
Paved Width (ft)	21.6	22.2	22.6	22.1	21.1	21.5
Lane Width (ft)	10.6	10.6	11.2	11.1	10.5	10.3

Death Valley National Park

ROUTE 0103: DANTE'S VIEW ROAD

Data Collection Vehicle (DCV) Rating



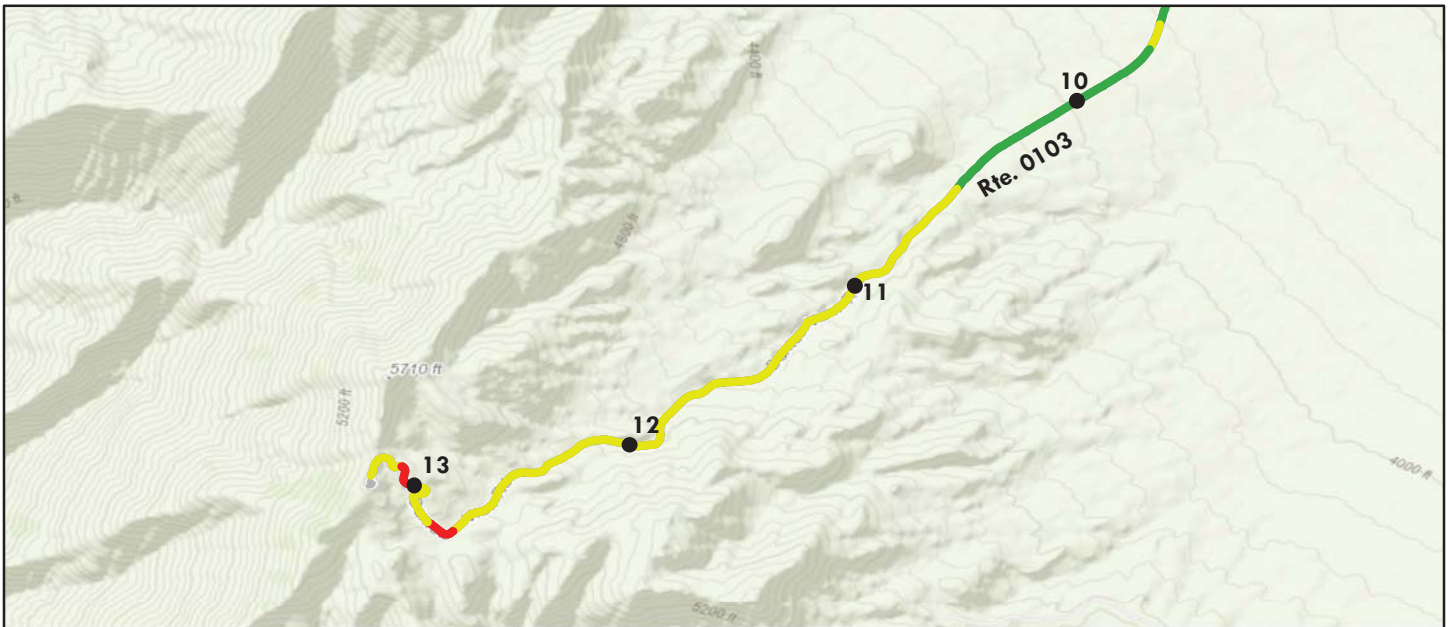
Sources: Esri, HERE, DeLorme, TomTom, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), swisstopo, MapmyIndia, © OpenStreetMap contributors, and the GIS User Community

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: 3/10/2015	Beginning Section MP	5	6	7	8	9
Paved Length (Miles): 13.26	Section Length (MI)	1	1	1	1	1
Surface Type: ASPHALT	Route Summary					
Roadway Condition Information						
Pavement Condition Rating (PCR)	85	86	90	90	88	88
Surface Condition Rating (SCR)	82	77	84	86	84	84
Roughness Condition Index (RCI)	89	99	100	95	95	95
Distress Index Values						
Structural Crack Index	90	92	95	88	85	91
Alligator Crack Index	100	100	100	100	100	100
Longitudinal Crack Index	90	92	95	88	85	91
Transverse Cracking Index	82	77	84	86	84	84
Patching Index	100	100	100	99	100	100
Rutting Index	90	90	89	90	86	89
International Roughness Index (IRI)	142	118	98	127	128	127
Lane & Width Information						
Number of Lanes	2	2	2	2	2	2
Paved Width (ft)	21.6	21.4	22.3	21.4	21.2	20.3
Lane Width (ft)	10.6	10.7	11.3	10.2	10.4	9.9

Death Valley National Park

ROUTE 0103: DANTE'S VIEW ROAD

Data Collection Vehicle (DCV) Rating



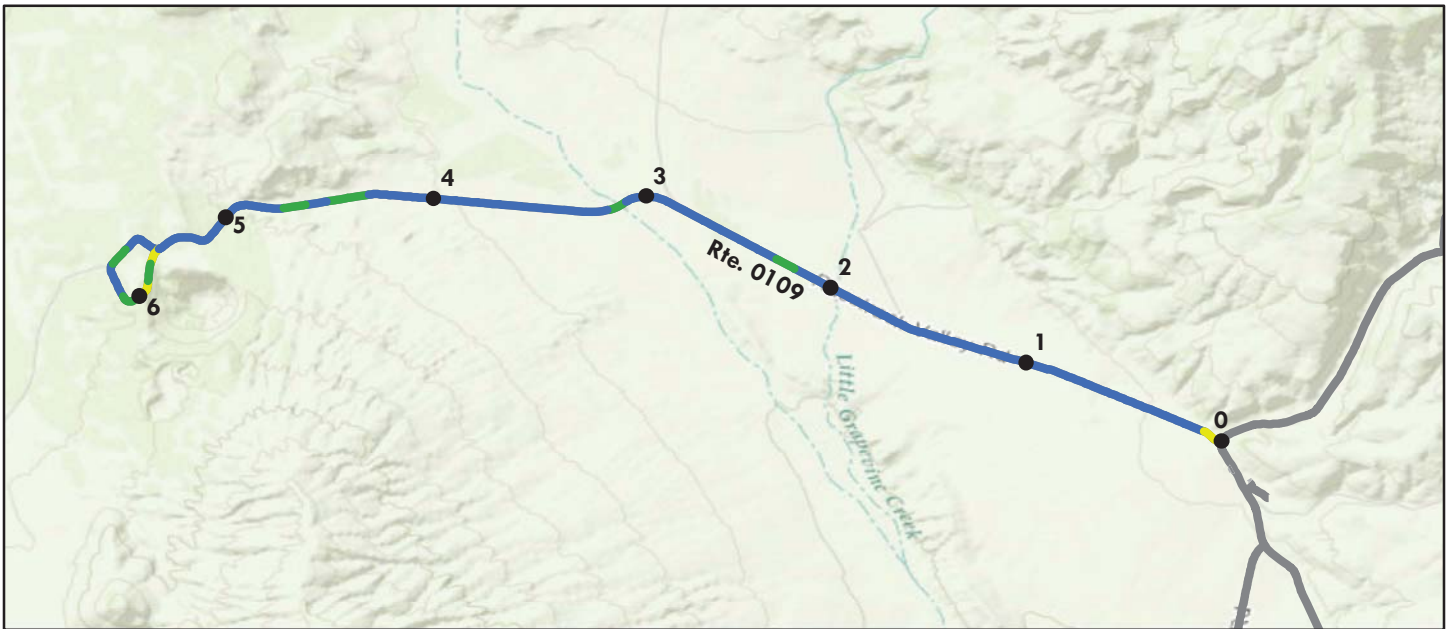
Sources: Esri, HERE, DeLorme, TomTom, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), swisstopo, MapmyIndia, © OpenStreetMap contributors, and the GIS User Community

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: 3/10/2015	Beginning Section MP	10	11	12	13	
Paved Length (Miles): 13.26	Section Length (MI)	1	1	1	0.26	
Surface Type: ASPHALT	Route Summary					
Roadway Condition Information						
Pavement Condition Rating (PCR)	85	86	74	68	64	
Surface Condition Rating (SCR)	82	81	70	69	76	
Roughness Condition Index (RCI)	89	94	80	67	47	
Distress Index Values						
Structural Crack Index	90	93	89	97	98	
Alligator Crack Index	100	100	100	100	100	
Longitudinal Crack Index	90	93	89	97	98	
Transverse Cracking Index	82	81	70	69	76	
Patching Index	100	100	100	100	100	
Rutting Index	90	90	90	93	91	
International Roughness Index (IRI)	142	130	169	214	298	
Lane & Width Information						
Number of Lanes	2	2	2	2	2	
Paved Width (ft)	21.6	21	21.4	22	22.1	
Lane Width (ft)	10.6	10	10.8	11.1	10.3	

Death Valley National Park

ROUTE 0109: UBEHEBE CRATER ROAD

Data Collection Vehicle (DCV) Rating



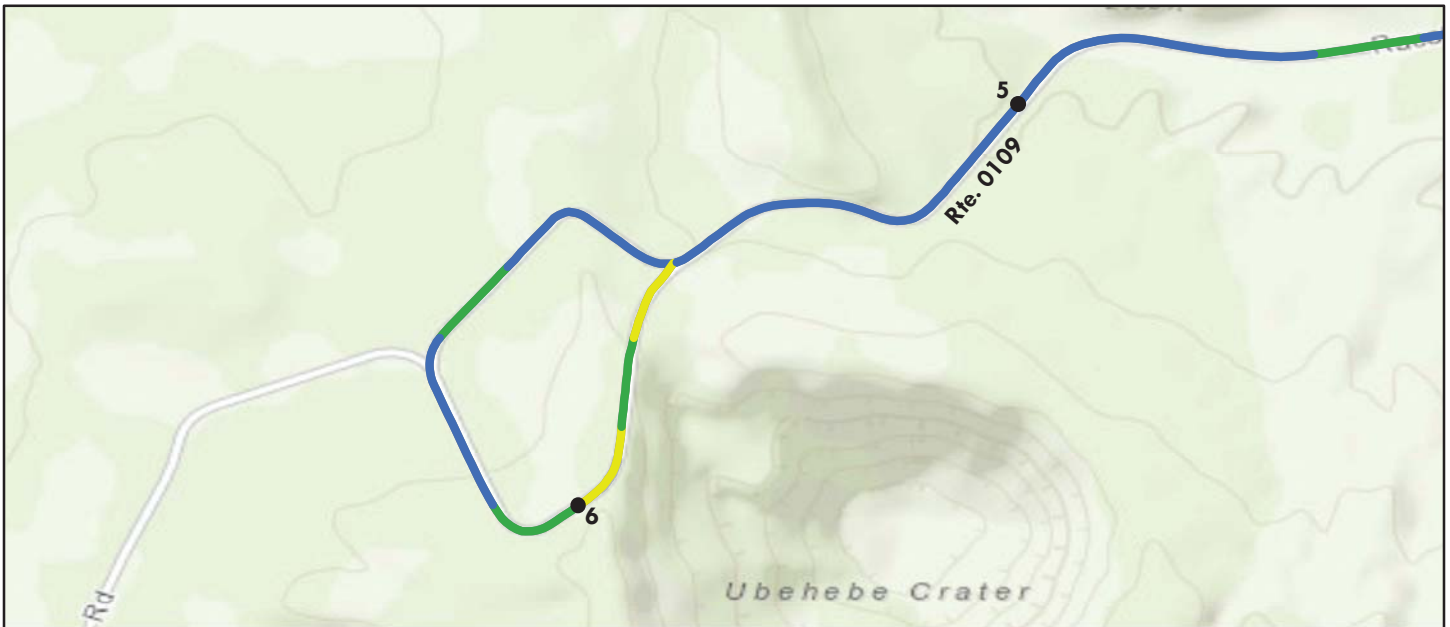
Sources: Esri, HERE, DeLorme, TomTom, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), swisstopo, MapmyIndia, © OpenStreetMap contributors, and the GIS User Community

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: 3/9/2015	Beginning Section MP	0	1	2	3	4
Paved Length (Miles): 6.28	Section Length (MI)	1	1	1	1	1
Surface Type: ASPHALT	Route Summary					
Roadway Condition Information						
Pavement Condition Rating (PCR)	98	100	100	99	100	97
Surface Condition Rating (SCR)	99	100	100	100	100	99
Roughness Condition Index (RCI)	97	100	100	98	100	95
Distress Index Values						
Structural Crack Index	100	100	100	100	100	100
Alligator Crack Index	100	100	100	100	100	100
Longitudinal Crack Index	100	100	100	100	100	100
Transverse Cracking Index	99	100	100	100	100	99
Patching Index	100	100	100	100	100	100
Rutting Index	100	100	100	100	100	100
International Roughness Index (IRI)	121	112	98	120	103	126
Lane & Width Information						
Number of Lanes	2	2	2	2	2	2
Paved Width (ft)	17.3	19.1	19.6	17.9	18.2	17.4
Lane Width (ft)	9.2	9.7	10.2	8.9	8.3	8.4

Death Valley National Park

ROUTE 0109: UBEHEBE CRATER ROAD

Data Collection Vehicle (DCV) Rating



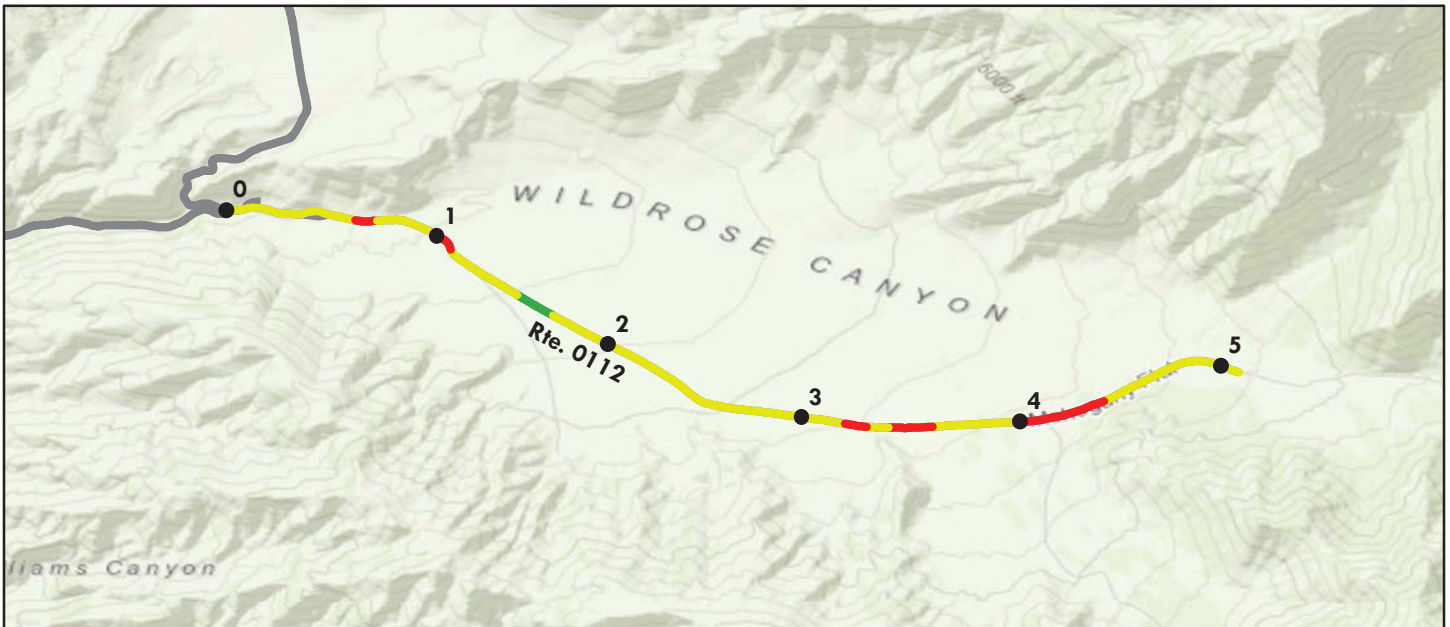
Sources: Esri, HERE, DeLorme, TomTom, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), swisstopo, MapmyIndia, © OpenStreetMap contributors, and the GIS User Community

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:	3/9/2015	Beginning Section MP	5	6						
Paved Length (Miles):	6.28	Section Length (MI)	1	0.28						
Surface Type:	ASPHALT	Route Summary								
Roadway Condition Information										
Pavement Condition Rating (PCR)	98	97	81							
Surface Condition Rating (SCR)	99	99	97							
Roughness Condition Index (RCI)	97	94	58							
Distress Index Values										
Structural Crack Index	100	100	100							
Alligator Crack Index	100	100	100							
Longitudinal Crack Index	100	100	100							
Transverse Cracking Index	99	99	97							
Patching Index	100	100	100							
Rutting Index	100	100	100							
International Roughness Index (IRI)	121	131	247							
Lane & Width Information										
Number of Lanes	2	1	1							
Paved Width (ft)	17.3	13.3	10.3							
Lane Width (ft)	9.2	9.5	10.3							

Death Valley National Park

ROUTE 0112: CHARCOAL KILNS ROAD

Data Collection Vehicle (DCV) Rating



Sources: Esri, HERE, DeLorme, TomTom, 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: 3/11/2015	Beginning Section MP	0	1	2	3	4
Paved Length (Miles): 5.09	Section Length (MI)	1	1	1	1	1
Surface Type: ASPHALT	Route Summary					
Roadway Condition Information						
Pavement Condition Rating (PCR)	72	71	79	76	65	64
Surface Condition Rating (SCR)	84	68	89	90	82	79
Roughness Condition Index (RCI)	53	76	65	54	40	42
Distress Index Values						
Structural Crack Index	91	93	99	98	82	83
Alligator Crack Index	100	99	100	100	100	100
Longitudinal Crack Index	91	94	99	98	82	83
Transverse Cracking Index	84	68	89	100	86	79
Patching Index	99	99	100	100	98	97
Rutting Index	93	99	94	90	89	92
International Roughness Index (IRI)	268	181	220	263	341	328
Lane & Width Information						
Number of Lanes	2	2	2	2	2	2
Paved Width (ft)	18.3	20.9	18.5	16.7	17.4	18.1
Lane Width (ft)	9	10	9.1	8.3	8.7	9.1

Death Valley National Park

ROUTE 0112: CHARCOAL KILNS ROAD

Data Collection Vehicle (DCV) Rating



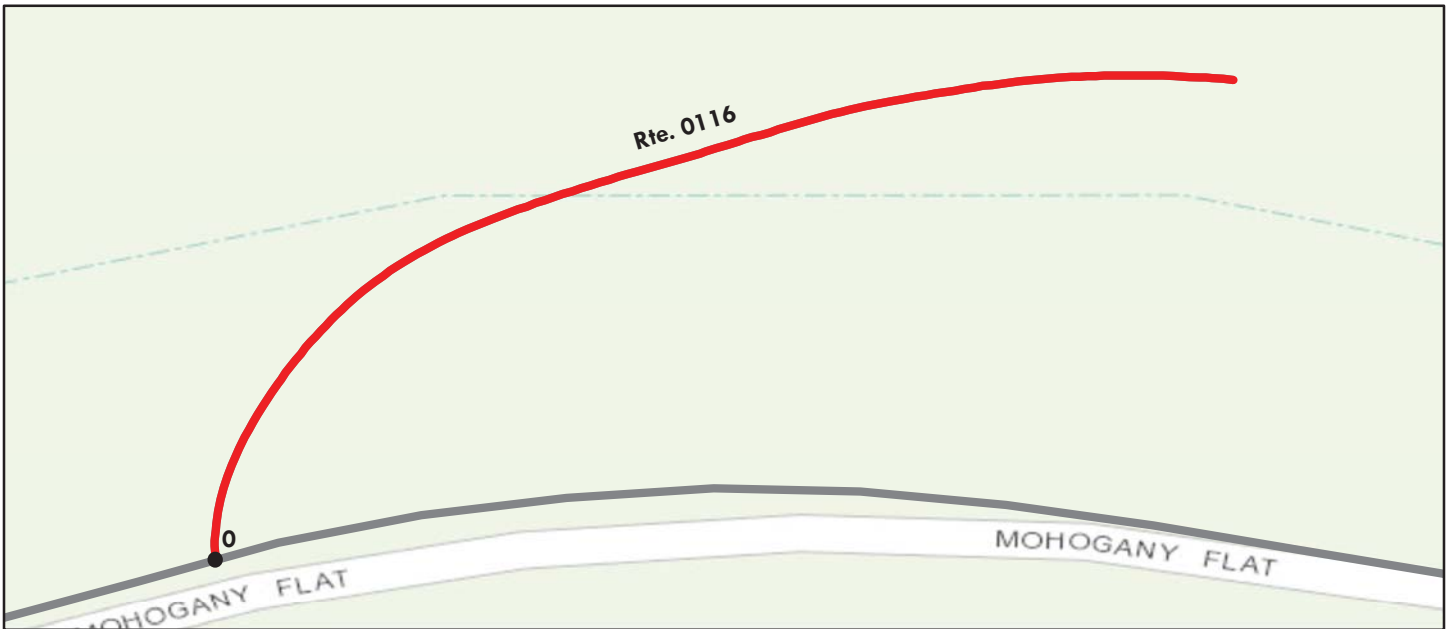
Sources: Esri, HERE, DeLorme, TomTom, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), swisstopo, MapmyIndia, © OpenStreetMap contributors, and the GIS User Community

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: 3/11/2015	Beginning Section MP	5				
Paved Length (Miles): 5.09	Section Length (MI)	0.09				
Surface Type: ASPHALT	Route Summary					
Roadway Condition Information						
Pavement Condition Rating (PCR)	72	68				
Surface Condition Rating (SCR)	84	90				
Roughness Condition Index (RCI)	53	34				
Distress Index Values						
Structural Crack Index	91	96				
Alligator Crack Index	100	100				
Longitudinal Crack Index	91	96				
Transverse Cracking Index	84	98				
Patching Index	99	100				
Rutting Index	93	90				
International Roughness Index (IRI)	268	377				
Lane & Width Information						
Number of Lanes	2	2				
Paved Width (ft)	18.3	16.7				
Lane Width (ft)	9	8.4				

Death Valley National Park

ROUTE 0116: WILDROSE CAMPGROUND ROAD

Data Collection Vehicle (DCV) Rating



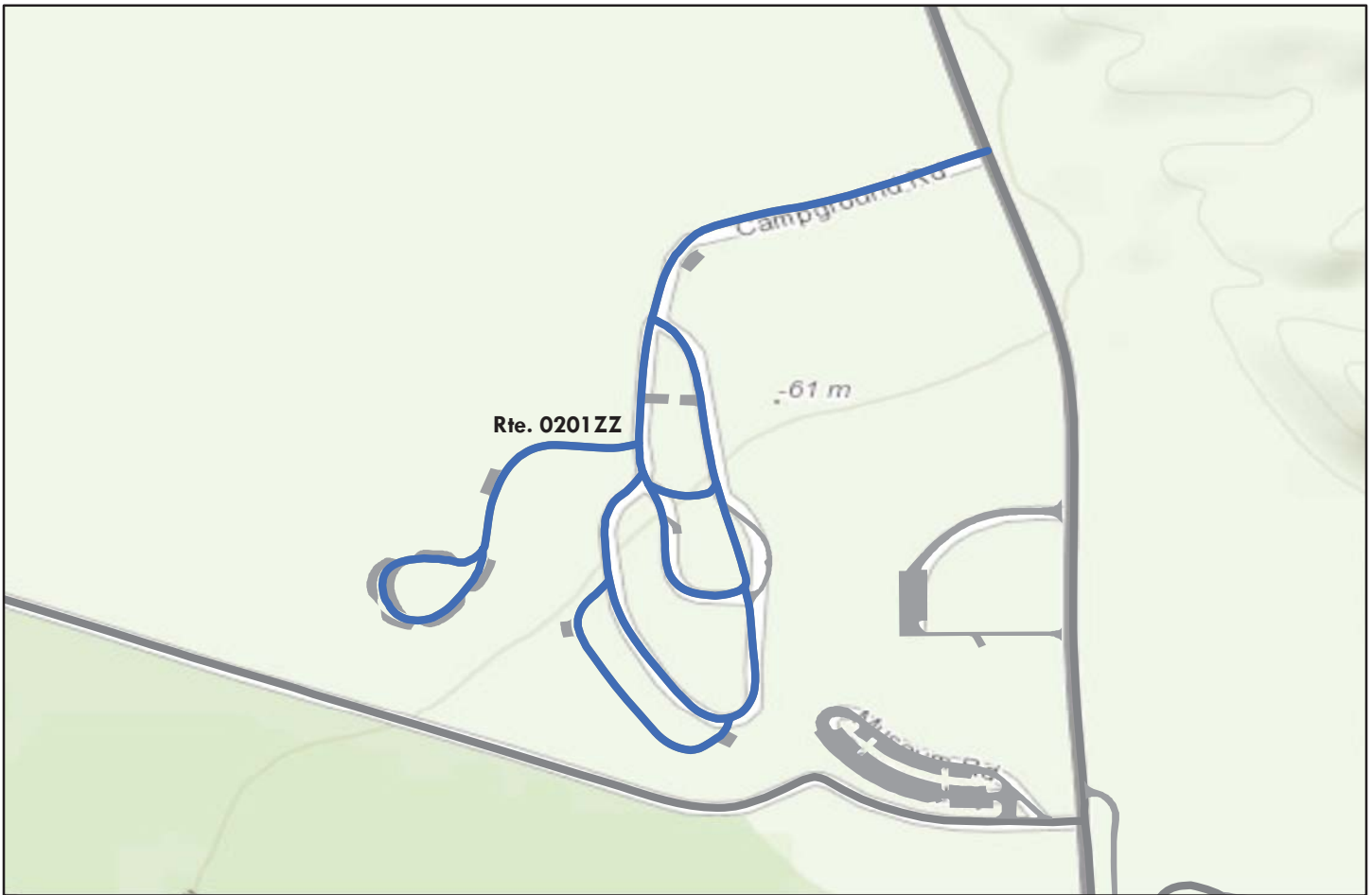
Sources: Esri, HERE, DeLorme, TomTom, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), swisstopo, MapmyIndia, © OpenStreetMap contributors, and the GIS User Community

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:	3/11/2015	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)	43	43				
Surface Condition Rating (SCR)	43	43				
Roughness Condition Index (RCI)	N/A	N/A				
Distress Index Values						
Structural Crack Index	68	68				
Alligator Crack Index	88	88				
Longitudinal Crack Index	80	80				
Transverse Cracking Index	43	43				
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)	12.8	12.8				
Lane Width (ft)	12.8	12.8				

Death Valley National Park

ROUTE 0201ZZ: FURNACE CREEK CAMPGROUND ROADS

Summary Route



Sources: Esri, HERE, DeLorme, TomTom, 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: 3/12/2015						
Paved Length (Miles): 1.2						
Surface Type: ASPHALT						
Roadway Condition Information	Route Summary					
Pavement Condition Rating (PCR)	97					
Lane & Width Information						
Number of Lanes	1					
Paved Width (ft)	14.6					
Lane Width (ft)	11.7					

Death Valley National Park

ROUTE 0201AZ: FURNACE CREEK CAMPGROUND ENTRANCE AND LOOPA

Subcomponent of Route DEVA-0201ZZ
Data Collection Vehicle (DCV) Rating



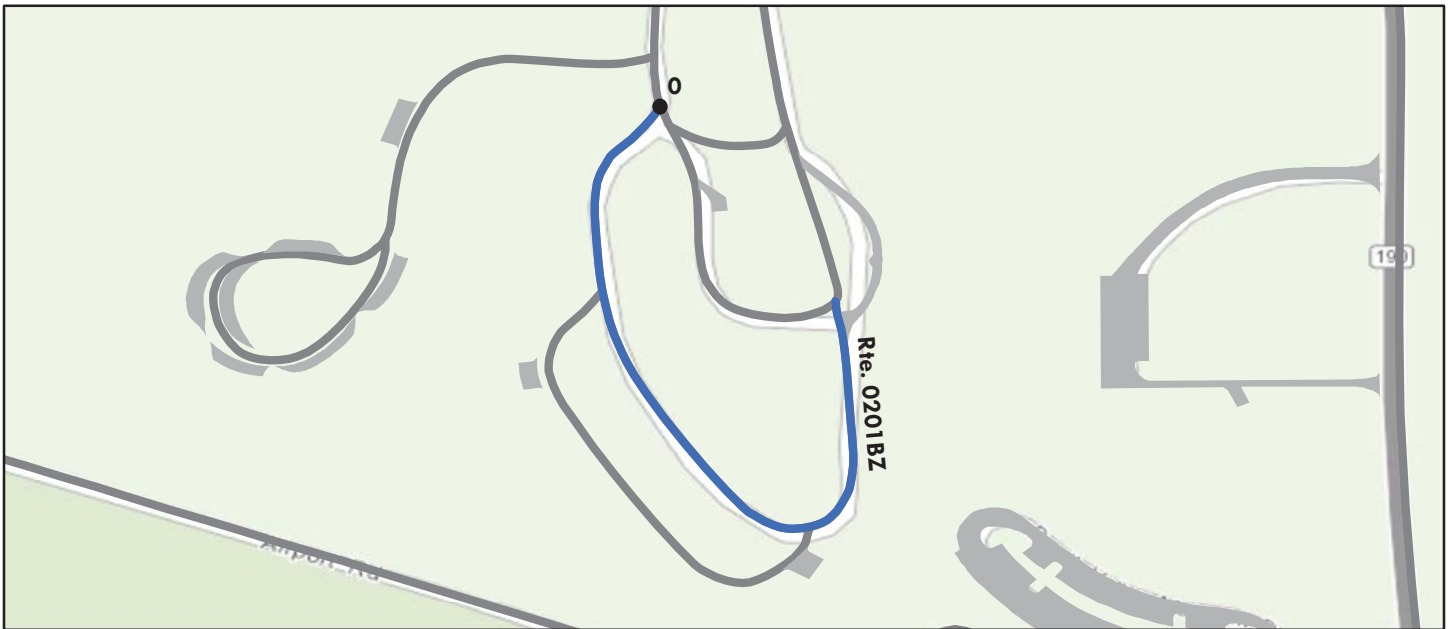
Sources: Esri, HERE, DeLorme, TomTom, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), swisstopo, MapmyIndia, © OpenStreetMap contributors, and the GIS User Community

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: 3/12/2015	Beginning Section MP	0				
Paved Length (Miles): 0.54	Section Length (MI)	0.54				
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	1	1				
Paved Width (ft)	15.9	15.9				
Lane Width (ft)	11.4	11.4				

Death Valley National Park

ROUTE 0201BZ: FURNACE CREEK CAMPGROUND LOOP B

Subcomponent of Route DEVA-0201ZZ
Data Collection Vehicle (DCV) Rating



Sources: Esri, HERE, DeLorme, TomTom, 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: 3/12/2015	Beginning Section MP	0				
Paved Length (Miles): 0.25	Section Length (MI)	0.25				
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	100	100				
Alligator Crack Index	100	100				
Longitudinal Crack Index	100	100				
Transverse Cracking Index	100	100				
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)	12.2	12.2				
Lane Width (ft)	12.2	12.2				

Death Valley National Park

ROUTE 0201CZ: FURNACE CREEK CAMPGROUND LOOP C

Subcomponent of Route DEVA-0201ZZ
 Data Collection Vehicle (DCV) Rating



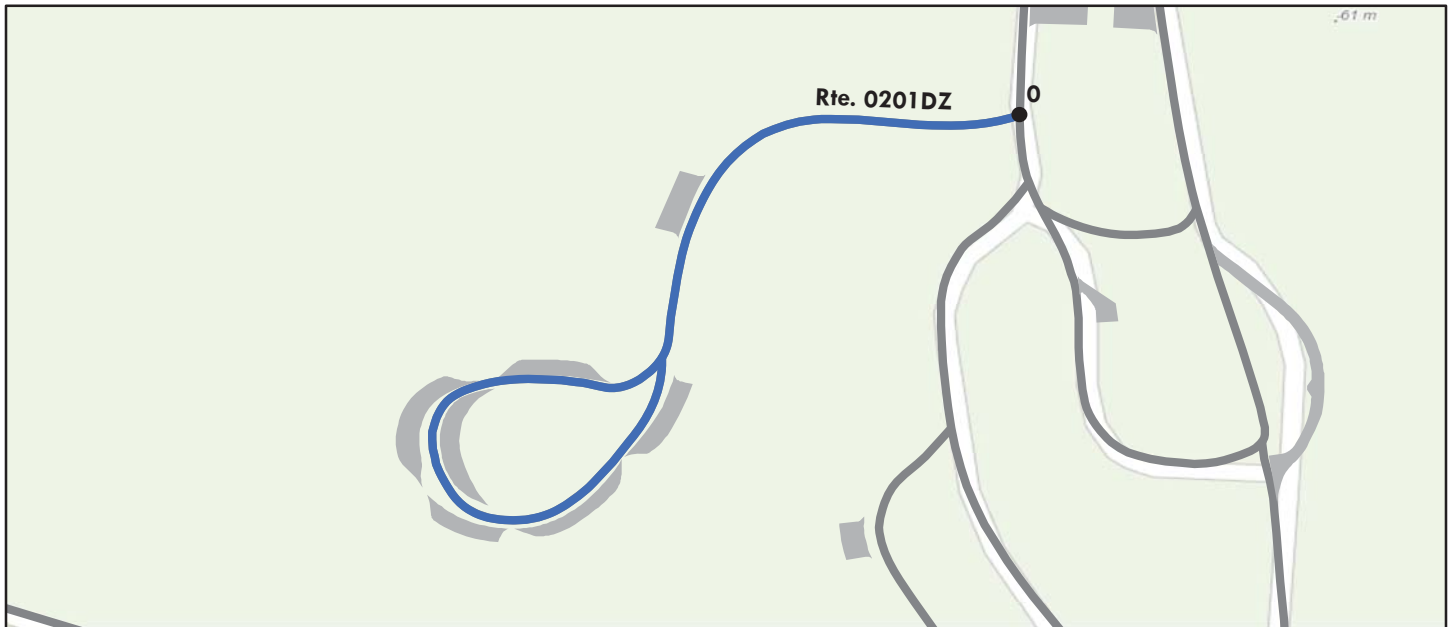
Sources: Esri, HERE, DeLorme, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), swisstopo, MapmyIndia, © OpenStreetMap contributors, and the GIS User Community

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: 3/12/2015	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)	96	96				
Surface Condition Rating (SCR)	96	96				
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	96	96				
International Roughness Index (IRI)	N/A	N/A				
Lane & Width Information						
Number of Lanes	1	1				
Paved Width (ft)	12.7	12.7				
Lane Width (ft)	12.7	12.7				

Death Valley National Park

ROUTE 0201DZ: FURNACE CREEK CAMPGROUND LOOP D (WALK-IN SITES)

Subcomponent of Route DEVA-0201ZZ
Data Collection Vehicle (DCV) Rating



Sources: Esri, HERE, DeLorme, TomTom, 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: 3/12/2015	Beginning Section MP	0				
Paved Length (Miles): 0.24	Section Length (MI)	0.24				
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	99	99				
Alligator Crack Index	100	100				
Longitudinal Crack Index	99	99				
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)	15.8	15.8				
Lane Width (ft)	11.1	11.1				

Death Valley National Park

ROUTE 0201EZ: FURNACE CREEK CAMPGROUND LOOP A CUT-THROUGH

Subcomponent of Route DEVA-0201ZZ
Data Collection Vehicle (DCV) Rating



Sources: Esri, HERE, DeLorme, TomTom, 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: 3/12/2015	Beginning Section MP	0				
Paved Length (Miles): 0.04	Section Length (MI)	0.04				
Surface Type: ASPHALT	Route Summary					
Roadway Condition Information						
Pavement Condition Rating (PCR)	88	88				
Surface Condition Rating (SCR)	88	88				
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	88	88				
International Roughness Index (IRI)	N/A	N/A				
Lane & Width Information						
Number of Lanes	1	1				
Paved Width (ft)	11.8	11.8				
Lane Width (ft)	11.8	11.8				

Death Valley National Park

ROUTE 0202: FURNACE CREEK AIRPORT ROAD

Data Collection Vehicle (DCV) Rating



Sources: Esri, HERE, DeLorme, TomTom, 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: 3/11/2015	Beginning Section MP	0				
Paved Length (Miles): 0.78	Section Length (MI)	0.78				
Surface Type: ASPHALT	Route Summary					
Roadway Condition Information						
Pavement Condition Rating (PCR)	70	70				
Surface Condition Rating (SCR)	74	74				
Roughness Condition Index (RCI)	63	63				
Distress Index Values						
Structural Crack Index	80	80				
Alligator Crack Index	100	100				
Longitudinal Crack Index	80	80				
Transverse Cracking Index	74	74				
Patching Index	100	100				
Rutting Index	97	97				
International Roughness Index (IRI)	226	226				
Lane & Width Information						
Number of Lanes	2	2				
Paved Width (ft)	21.6	21.6				
Lane Width (ft)	11	11				

Death Valley National Park

ROUTE 0203ZZ: SUNSET CAMPGROUND ROADS

Summary Route



Sources: Esri, HERE, DeLorme, TomTom, 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

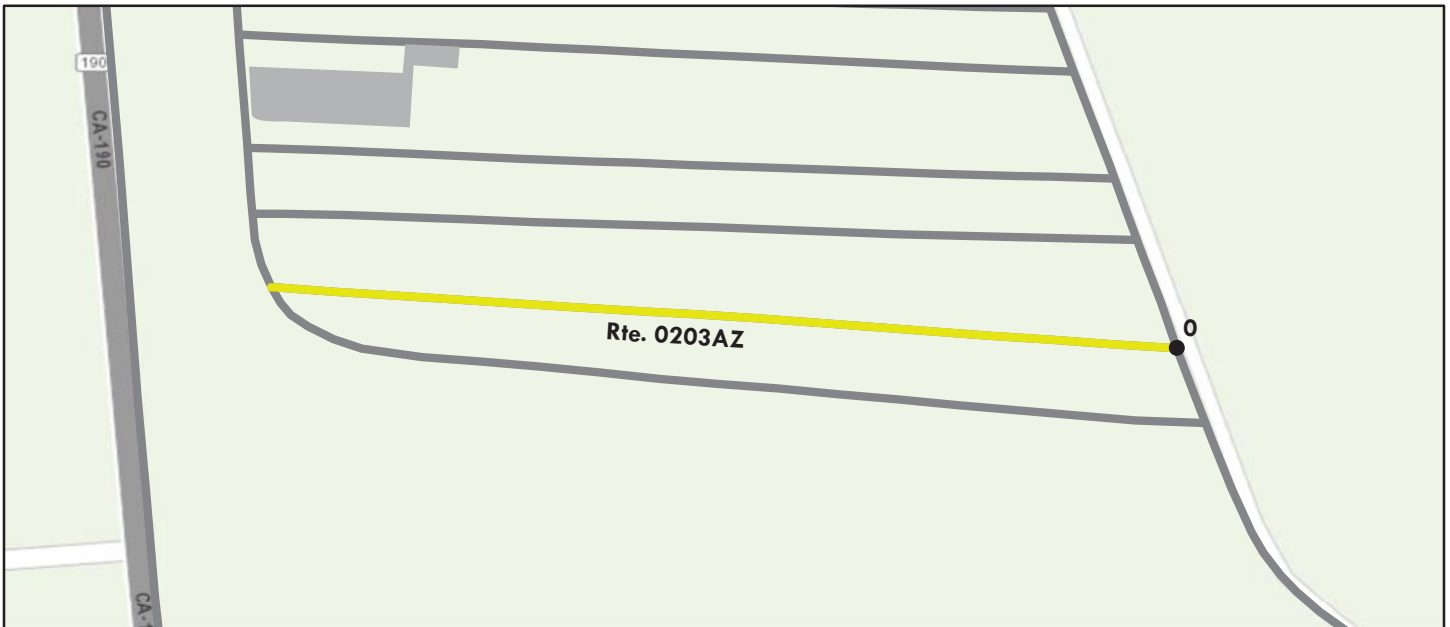
Note: The weighted average summary PCR value is calculated from only the sections of road where the PCR was collected. The overall PCR for the summary route may not reflect individual subcomponent ratings.

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:	3/11/2015					
Paved Length (Miles):	1.97					
Surface Type:	ASPHALT	Route Summary				
Roadway Condition Information						
Pavement Condition Rating (PCR)	71					
Lane & Width Information						
Number of Lanes	1					
Paved Width (ft)	17.6					
Lane Width (ft)	16					

Death Valley National Park

ROUTE 0203AZ: SUNSET CAMPGROUND ROAD A

Subcomponent of Route DEVA-0203ZZ
Data Collection Vehicle (DCV) Rating



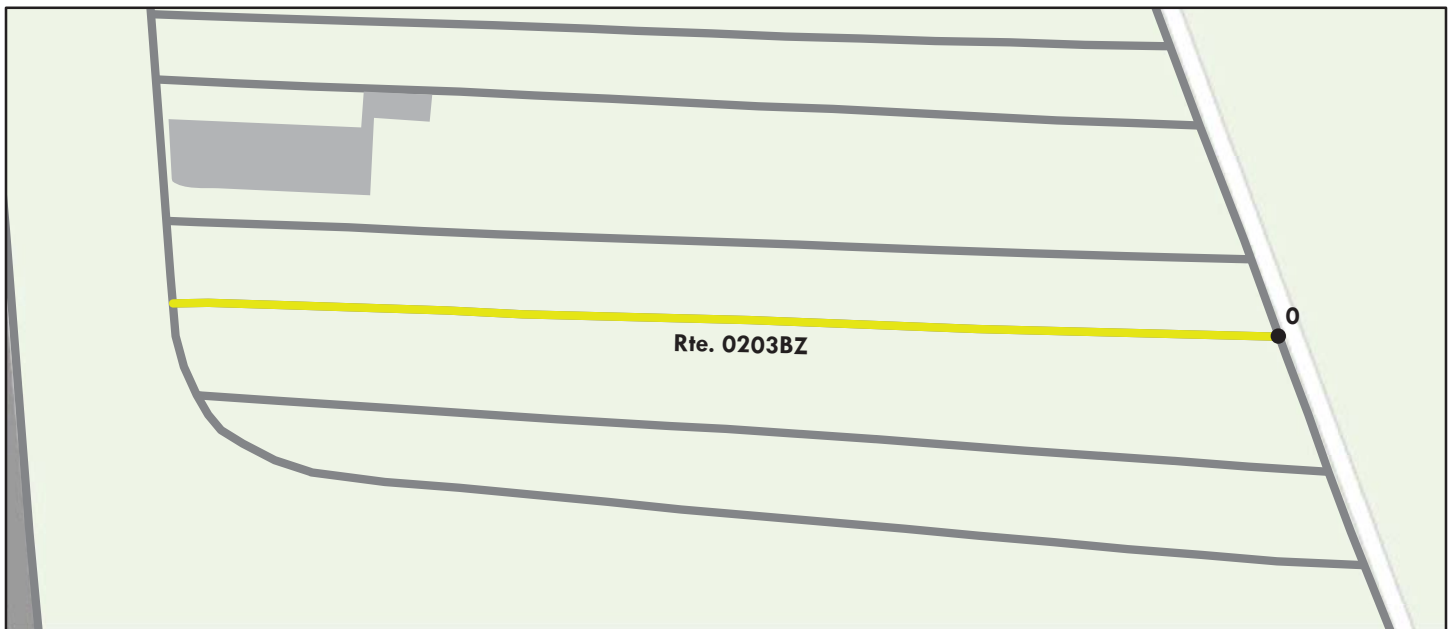
Sources: Esri, HERE, DeLorme, TomTom, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), swisstopo, MapmyIndia, © OpenStreetMap contributors, and the GIS User Community

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: 3/11/2015	Beginning Section MP	0				
Paved Length (Miles): 0.15	Section Length (MI)	0.15				
Surface Type: ASPHALT	Route Summary					
Roadway Condition Information						
Pavement Condition Rating (PCR)	65	65				
Surface Condition Rating (SCR)	65	65				
Roughness Condition Index (RCI)	N/A	N/A				
Distress Index Values						
Structural Crack Index	65	65				
Alligator Crack Index	100	100				
Longitudinal Crack Index	65	65				
Transverse Cracking Index	71	71				
Patching Index	100	100				
Rutting Index	90	90				
International Roughness Index (IRI)	N/A	N/A				
Lane & Width Information						
Number of Lanes	1	1				
Paved Width (ft)	18.3	18.3				
Lane Width (ft)	18.3	18.3				

Death Valley National Park

ROUTE 0203BZ: SUNSET CAMPGROUND ROAD B

Subcomponent of Route DEVA-0203ZZ
Data Collection Vehicle (DCV) Rating



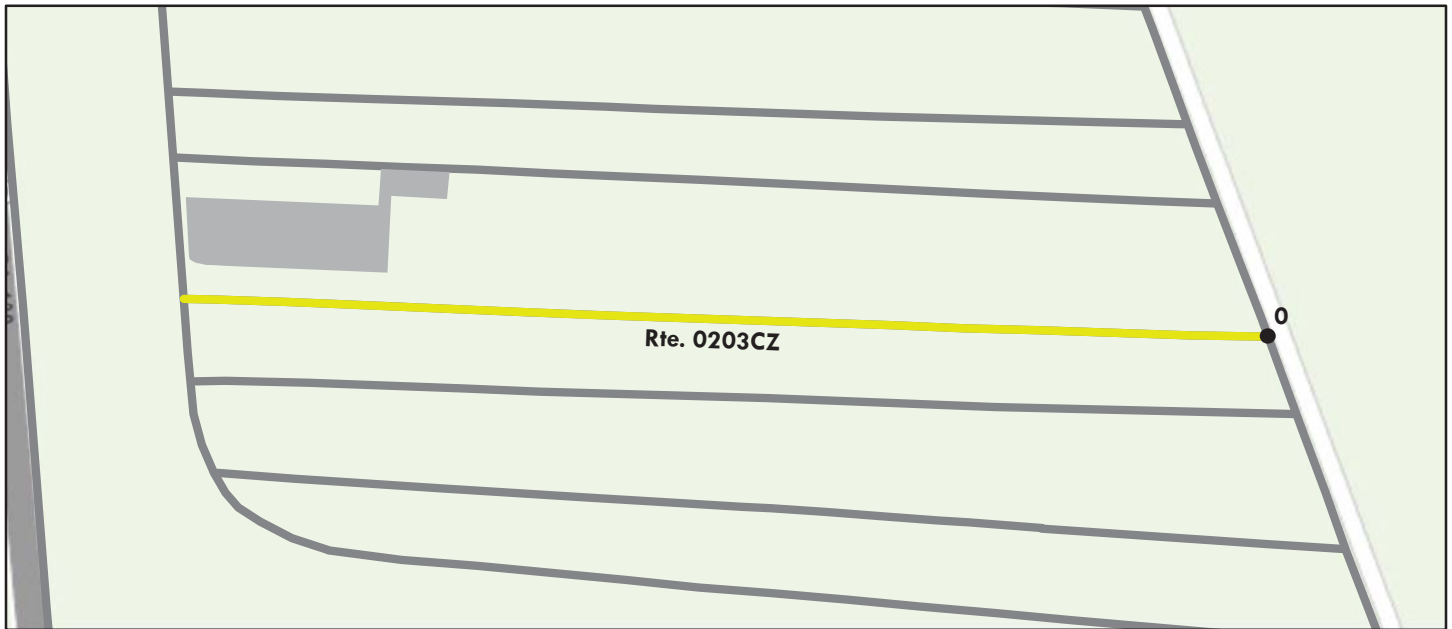
Sources: Esri, HERE, DeLorme, TomTom, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), swisstopo, MapmyIndia, © OpenStreetMap contributors, and the GIS User Community

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: 3/11/2015	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)	71	71				
Surface Condition Rating (SCR)	71	71				
Roughness Condition Index (RCI)	N/A	N/A				
Distress Index Values						
Structural Crack Index	71	71				
Alligator Crack Index	100	100				
Longitudinal Crack Index	71	71				
Transverse Cracking Index	72	72				
Patching Index	99	99				
Rutting Index	95	95				
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)	8.7	8.7				

Death Valley National Park

ROUTE 0203CZ: SUNSET CAMPGROUND ROAD C

Subcomponent of Route DEVA-0203ZZ
Data Collection Vehicle (DCV) Rating



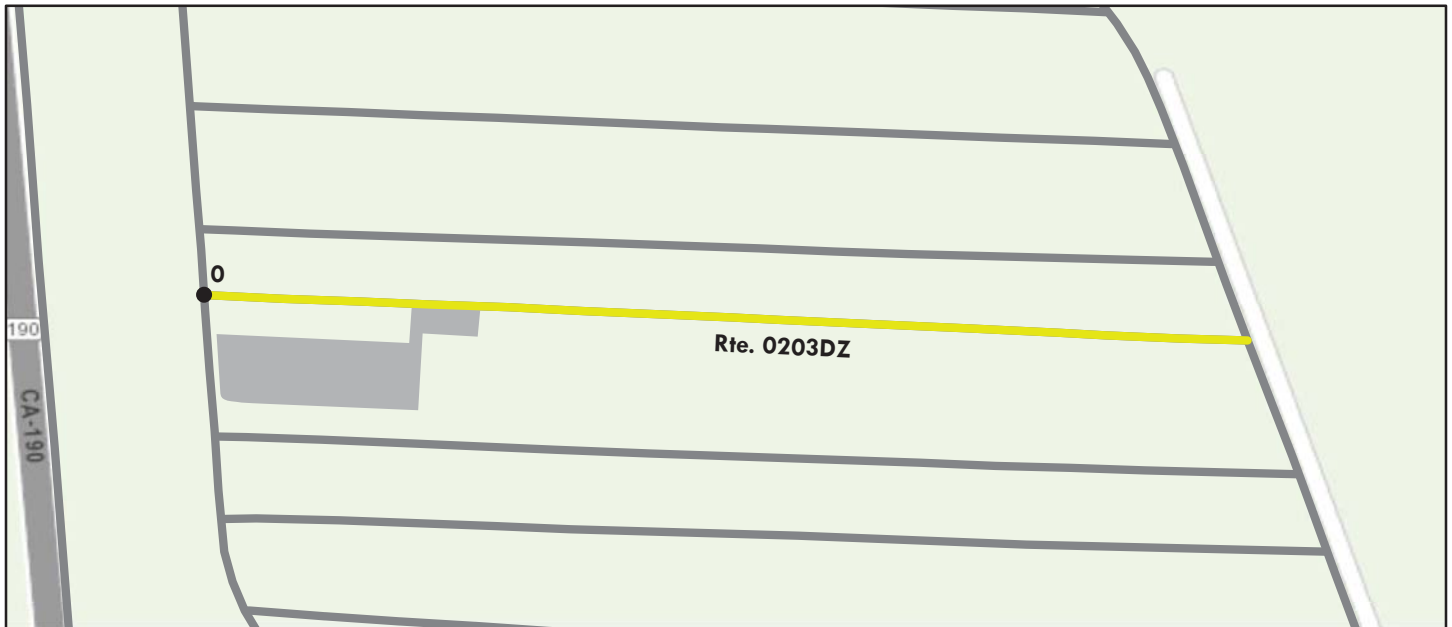
Sources: Esri, HERE, DeLorme, TomTom, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), swisstopo, MapmyIndia, © OpenStreetMap contributors, and the GIS User Community

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: 3/11/2015	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)	75	75				
Surface Condition Rating (SCR)	75	75				
Roughness Condition Index (RCI)	N/A	N/A				
Distress Index Values						
Structural Crack Index	76	76				
Alligator Crack Index	100	100				
Longitudinal Crack Index	76	76				
Transverse Cracking Index	75	75				
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)	18.8	18.8				
Lane Width (ft)	18.8	18.8				

Death Valley National Park

ROUTE 0203DZ: SUNSET CAMPGROUND ROAD D

Subcomponent of Route DEVA-0203ZZ
Data Collection Vehicle (DCV) Rating



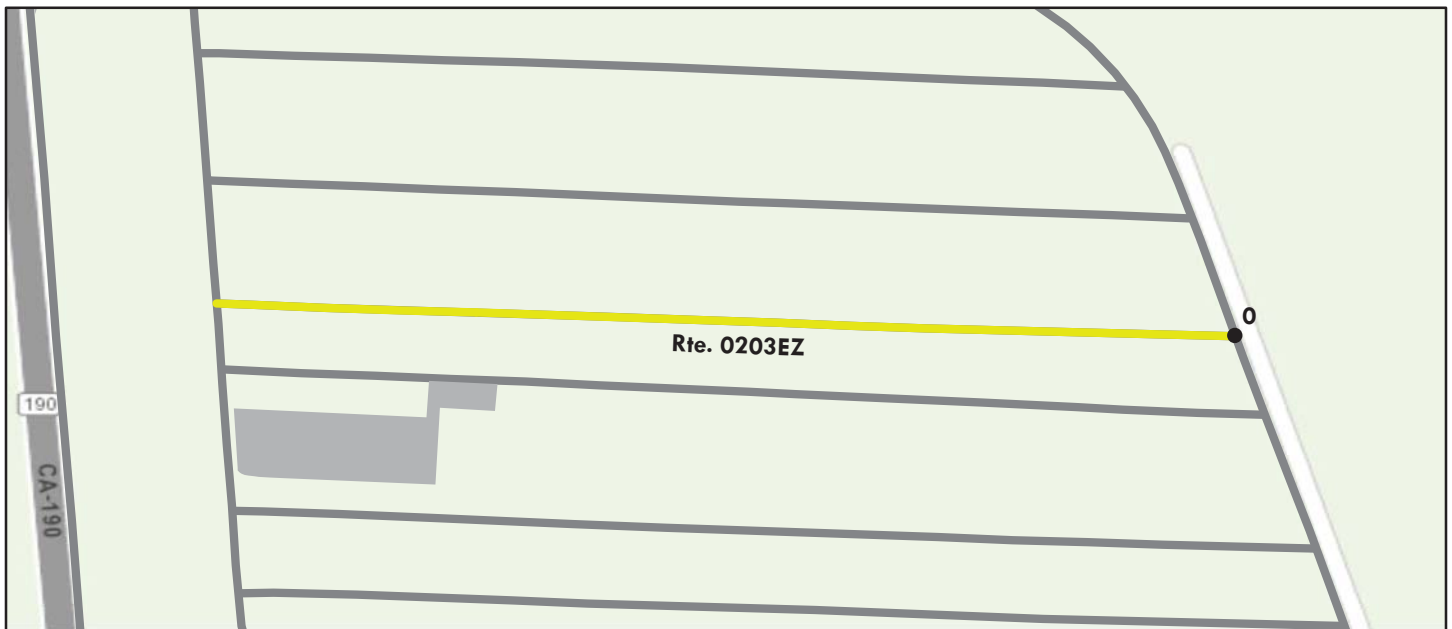
Sources: Esri, HERE, DeLorme, TomTom, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), swisstopo, MapmyIndia, © OpenStreetMap contributors, and the GIS User Community

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: 3/11/2015	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)	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	100	100				
Longitudinal Crack Index	84	84				
Transverse Cracking Index	79	79				
Patching Index	99	99				
Rutting Index	97	97				
International Roughness Index (IRI)	N/A	N/A				
Lane & Width Information						
Number of Lanes	1	1				
Paved Width (ft)	15.8	15.8				
Lane Width (ft)	15.8	15.8				

Death Valley National Park

ROUTE 0203EZ: SUNSET CAMPGROUND ROAD E

Subcomponent of Route DEVA-0203ZZ
Data Collection Vehicle (DCV) Rating



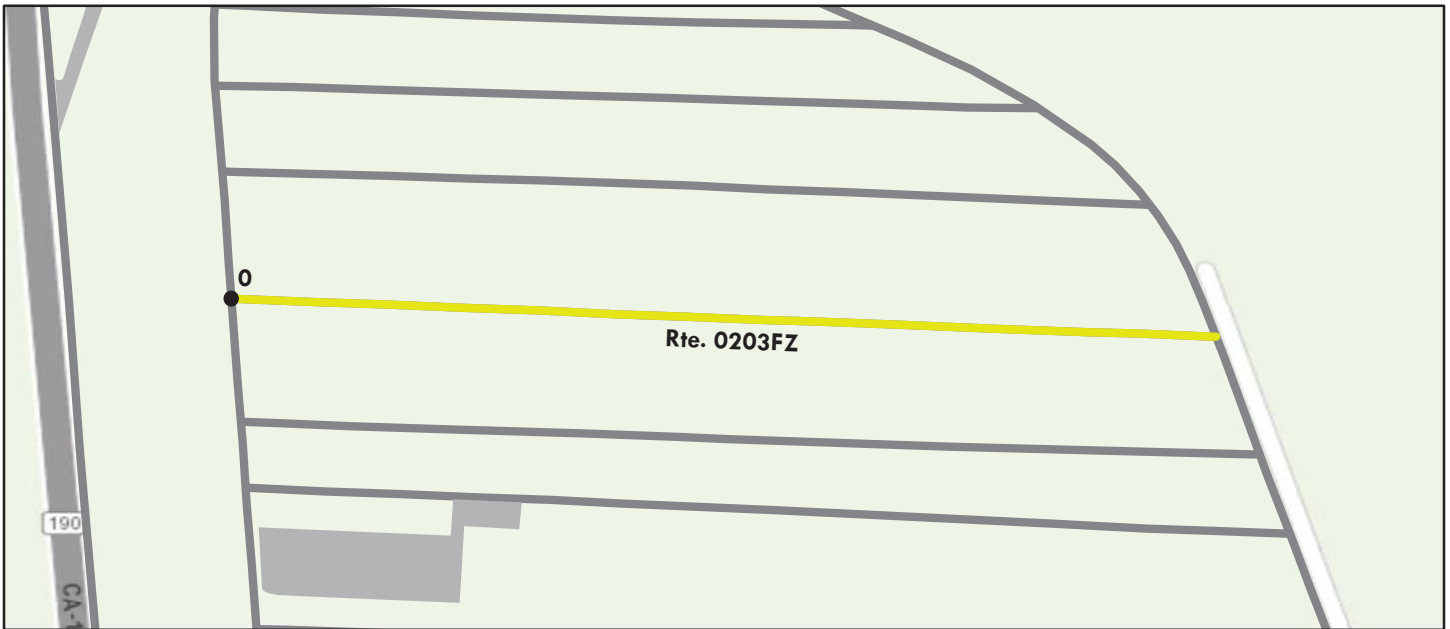
Sources: Esri, HERE, DeLorme, TomTom, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), swisstopo, MapmyIndia, © OpenStreetMap contributors, and the GIS User Community

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: 3/11/2015	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)	75	75				
Surface Condition Rating (SCR)	75	75				
Roughness Condition Index (RCI)	N/A	N/A				
Distress Index Values						
Structural Crack Index	87	87				
Alligator Crack Index	100	100				
Longitudinal Crack Index	87	87				
Transverse Cracking Index	75	75				
Patching Index	100	100				
Rutting Index	92	92				
International Roughness Index (IRI)	N/A	N/A				
Lane & Width Information						
Number of Lanes	1	1				
Paved Width (ft)	18	18				
Lane Width (ft)	18	18				

Death Valley National Park

ROUTE 0203FZ: SUNSET CAMPGROUND ROAD F

Subcomponent of Route DEVA-0203ZZ
Data Collection Vehicle (DCV) Rating



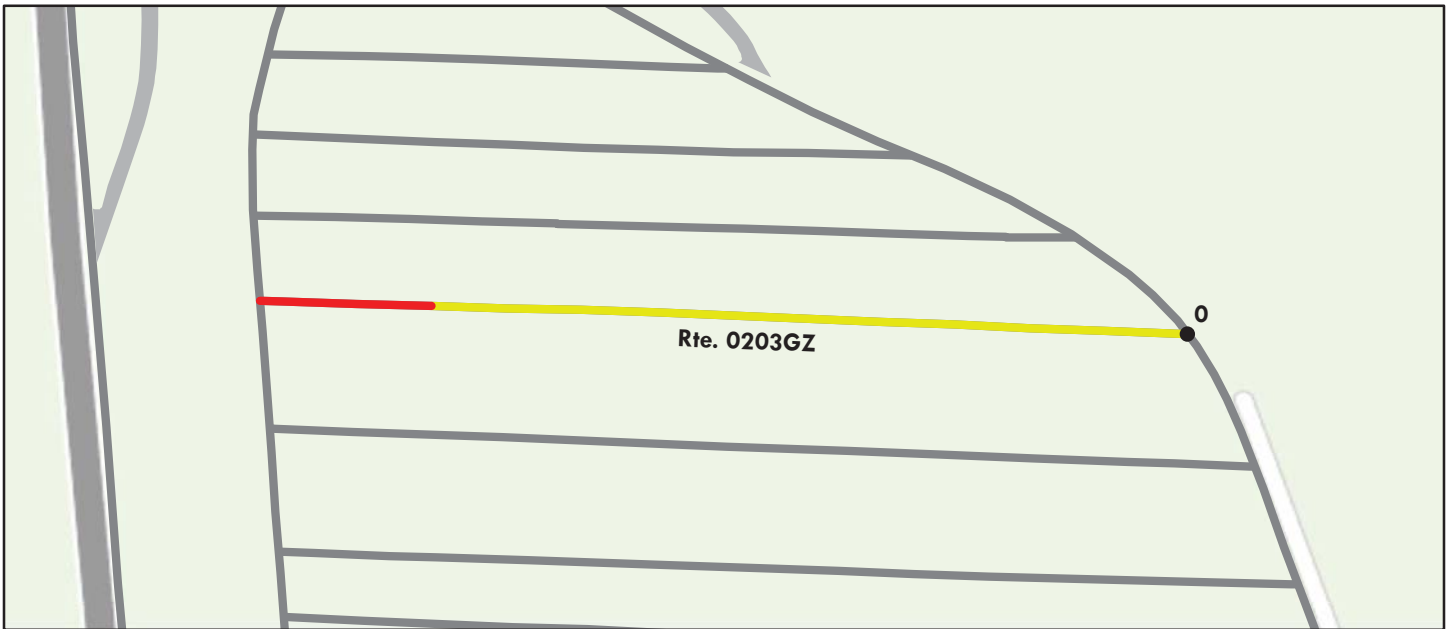
Sources: Esri, HERE, DeLorme, TomTom, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), swisstopo, MapmyIndia, © OpenStreetMap contributors, and the GIS User Community

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: 3/11/2015	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)	68	68				
Surface Condition Rating (SCR)	68	68				
Roughness Condition Index (RCI)	N/A	N/A				
Distress Index Values						
Structural Crack Index	68	68				
Alligator Crack Index	100	100				
Longitudinal Crack Index	68	68				
Transverse Cracking Index	72	72				
Patching Index	99	99				
Rutting Index	93	93				
International Roughness Index (IRI)	N/A	N/A				
Lane & Width Information						
Number of Lanes	1	1				
Paved Width (ft)	19.4	19.4				
Lane Width (ft)	19.4	19.4				

Death Valley National Park

ROUTE 0203GZ: SUNSET CAMPGROUND ROAD G

Subcomponent of Route DEVA-0203ZZ
Data Collection Vehicle (DCV) Rating



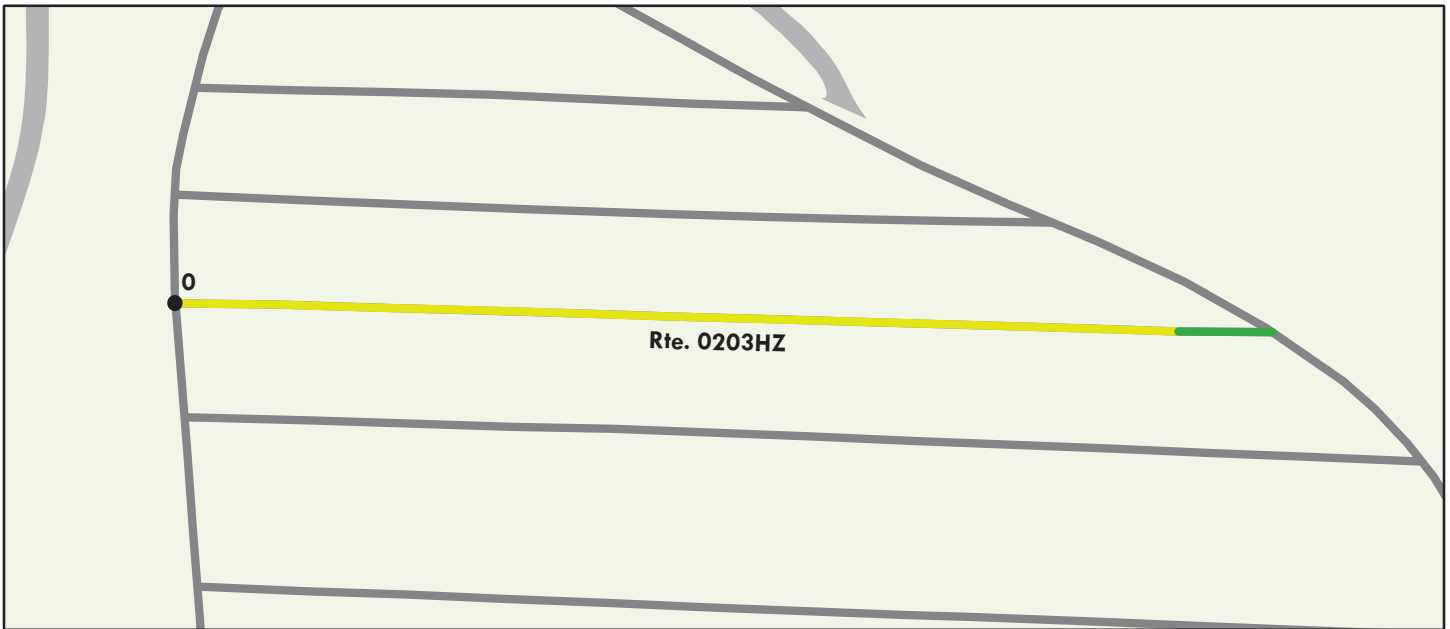
Sources: Esri, HERE, DeLorme, TomTom, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), swisstopo, MapmyIndia, © OpenStreetMap contributors, and the GIS User Community

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: 3/11/2015	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)	65	65				
Surface Condition Rating (SCR)	65	65				
Roughness Condition Index (RCI)	N/A	N/A				
Distress Index Values						
Structural Crack Index	65	65				
Alligator Crack Index	100	100				
Longitudinal Crack Index	65	65				
Transverse Cracking Index	75	75				
Patching Index	95	95				
Rutting Index	94	94				
International Roughness Index (IRI)	N/A	N/A				
Lane & Width Information						
Number of Lanes	1	1				
Paved Width (ft)	17	17				
Lane Width (ft)	17	17				

Death Valley National Park

ROUTE 0203HZ: SUNSET CAMPGROUND ROAD H

Subcomponent of Route DEVA-0203ZZ
Data Collection Vehicle (DCV) Rating



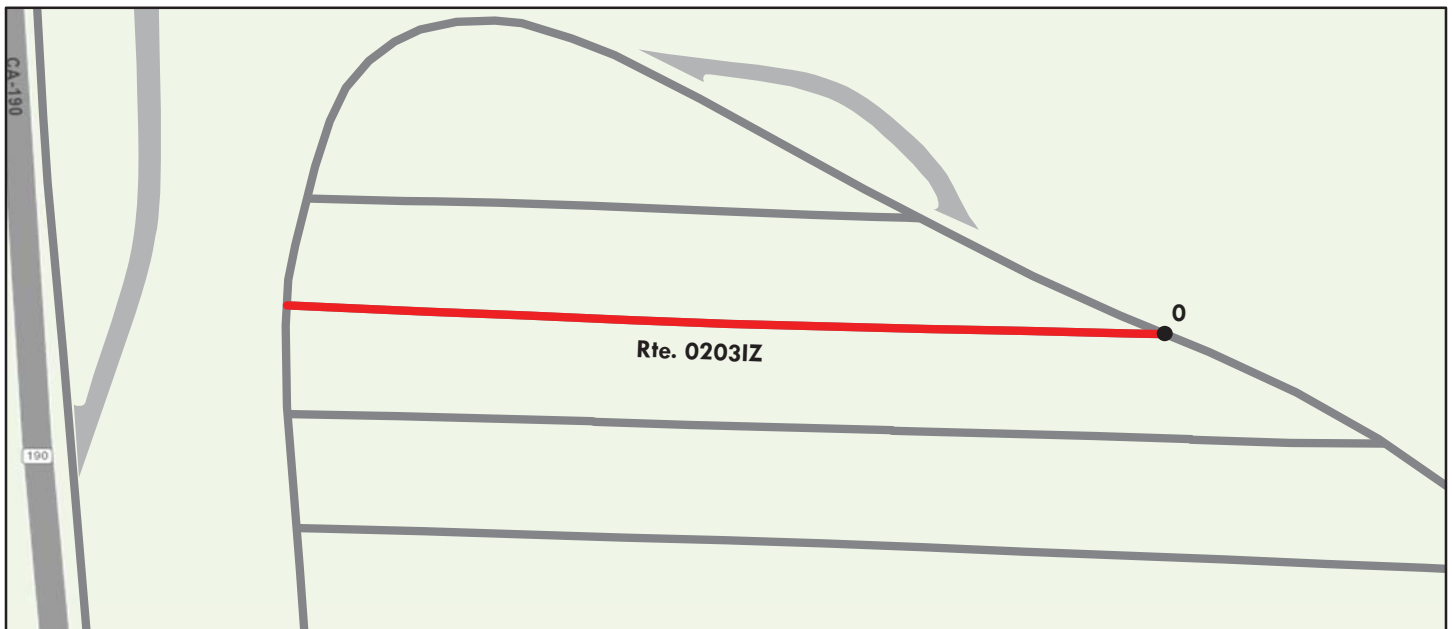
Sources: Esri, HERE, DeLorme, TomTom, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), swisstopo, MapmyIndia, © OpenStreetMap contributors, and the GIS User Community

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: 3/11/2015	Beginning Section MP	0				
Paved Length (Miles): 0.11	Section Length (MI)	0.11				
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	78	78				
Patching Index	98	98				
Rutting Index	93	93				
International Roughness Index (IRI)	N/A	N/A				
Lane & Width Information						
Number of Lanes	1	1				
Paved Width (ft)	18	18				
Lane Width (ft)	18	18				

Death Valley National Park

ROUTE 0203IZ: SUNSET CAMPGROUND ROAD I

Subcomponent of Route DEVA-0203ZZ
Data Collection Vehicle (DCV) Rating



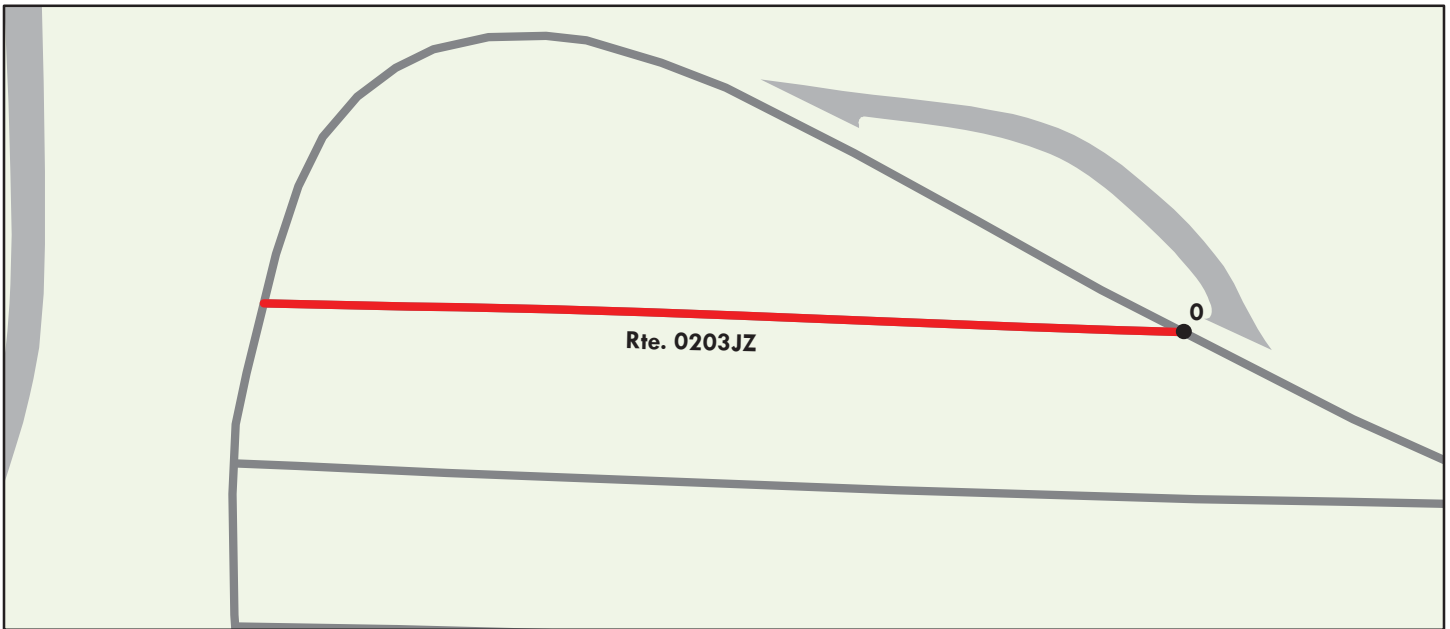
Sources: Esri, HERE, DeLorme, TomTom, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), swisstopo, MapmyIndia, © OpenStreetMap contributors, and the GIS User Community

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: 3/11/2015	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)	57	57				
Surface Condition Rating (SCR)	57	57				
Roughness Condition Index (RCI)	N/A	N/A				
Distress Index Values						
Structural Crack Index	57	57				
Alligator Crack Index	100	100				
Longitudinal Crack Index	57	57				
Transverse Cracking Index	71	71				
Patching Index	96	96				
Rutting Index	87	87				
International Roughness Index (IRI)	N/A	N/A				
Lane & Width Information						
Number of Lanes	1	1				
Paved Width (ft)	16.3	16.3				
Lane Width (ft)	16.3	16.3				

Death Valley National Park

ROUTE 0203JZ: SUNSET CAMPGROUND ROAD J

Subcomponent of Route DEVA-0203ZZ
Data Collection Vehicle (DCV) Rating



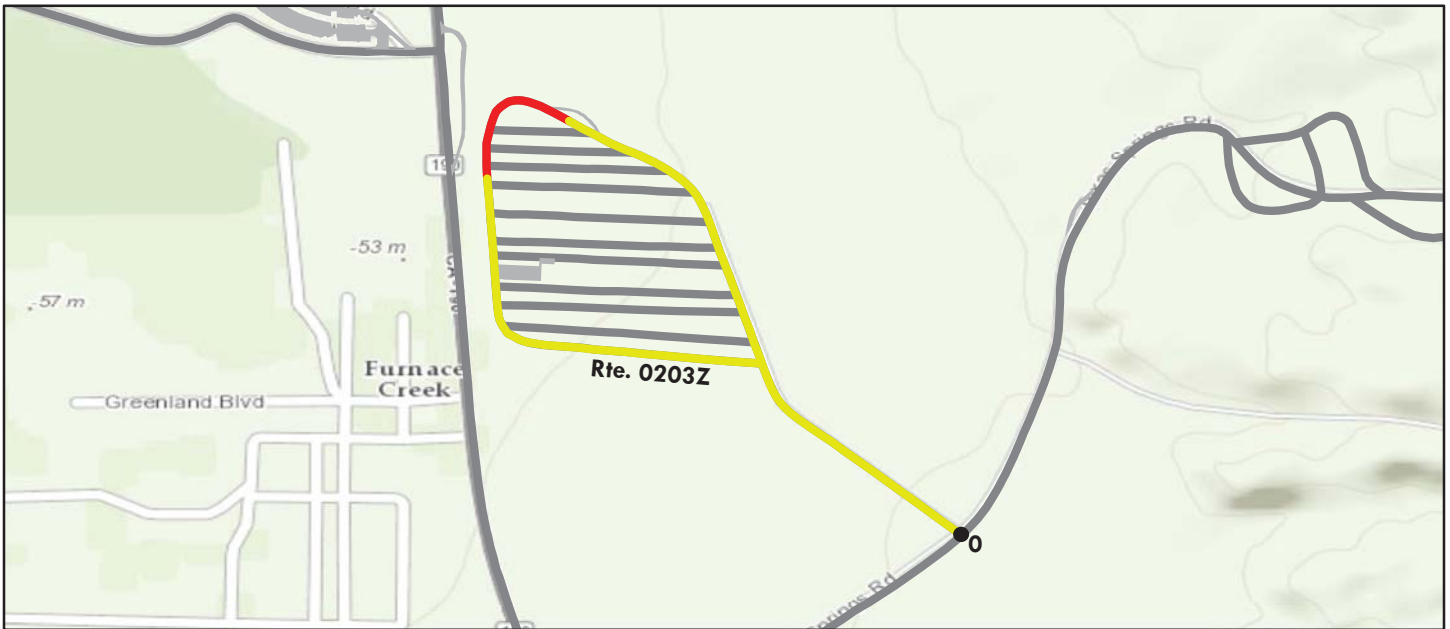
Sources: Esri, HERE, DeLorme, TomTom, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), swisstopo, MapmyIndia, © OpenStreetMap contributors, and the GIS User Community

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: 3/11/2015	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)	59	59				
Surface Condition Rating (SCR)	59	59				
Roughness Condition Index (RCI)	N/A	N/A				
Distress Index Values						
Structural Crack Index	59	59				
Alligator Crack Index	100	100				
Longitudinal Crack Index	59	59				
Transverse Cracking Index	71	71				
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)	18.5	18.5				
Lane Width (ft)	18.5	18.5				

Death Valley National Park

ROUTE 0203Z: SUNSET CAMPGROUND ACCESS ROAD

Subcomponent of Route DEVA-0203ZZ
Data Collection Vehicle (DCV) Rating



Sources: Esri, HERE, DeLorme, TomTom, 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: 3/11/2015	Beginning Section MP	0				
Paved Length (Miles): 0.77	Section Length (MI)	0.77				
Surface Type: ASPHALT	Route Summary					
Roadway Condition Information						
Pavement Condition Rating (PCR)	74	74				
Surface Condition Rating (SCR)	74	74				
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	74	74				
Patching Index	99	99				
Rutting Index	95	95				
International Roughness Index (IRI)	N/A	N/A				
Lane & Width Information						
Number of Lanes	1	1				
Paved Width (ft)	17.3	17.3				
Lane Width (ft)	14.9	14.9				

Death Valley National Park

ROUTE 0204A: TEXAS SPRING / SUNSET CAMPGROUND ACCESS ROAD

Data Collection Vehicle (DCV) Rating



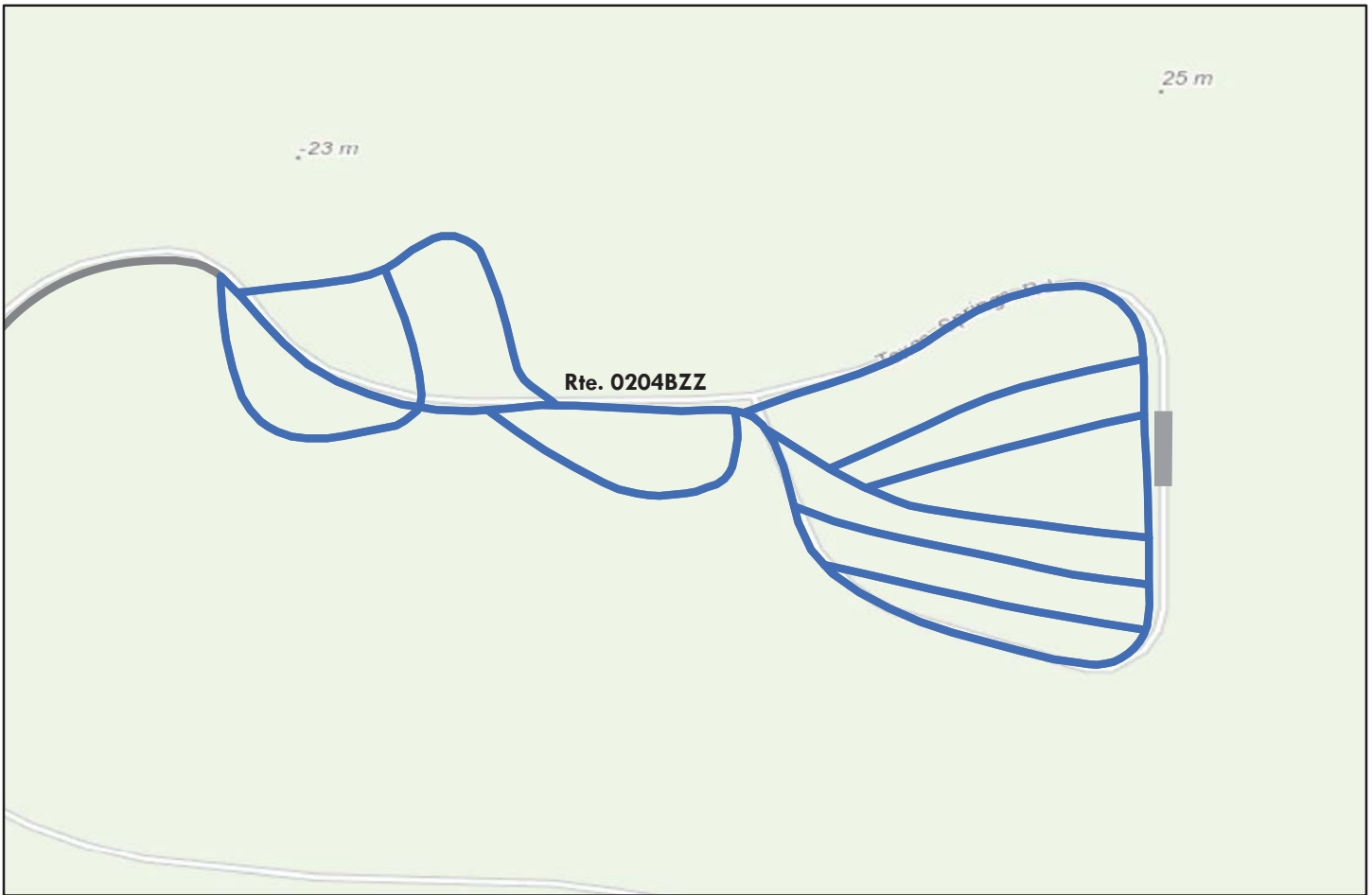
Sources: Esri, HERE, DeLorme, TomTom, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), swisstopo, MapmyIndia, © OpenStreetMap contributors, and the GIS User Community

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: 3/11/2015	Beginning Section MP	0				
Paved Length (Miles): 0.66	Section Length (MI)	0.66				
Surface Type: ASPHALT	Route Summary					
Roadway Condition Information						
Pavement Condition Rating (PCR)	88	88				
Surface Condition Rating (SCR)	88	88				
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	88	88				
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)	25	25				
Lane Width (ft)	12.5	12.5				

Death Valley National Park

ROUTE 0204BZZ: TEXAS SPRING CAMPGROUND LOOPS

Summary Route



Sources: Esri, HERE, DeLorme, TomTom, 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.

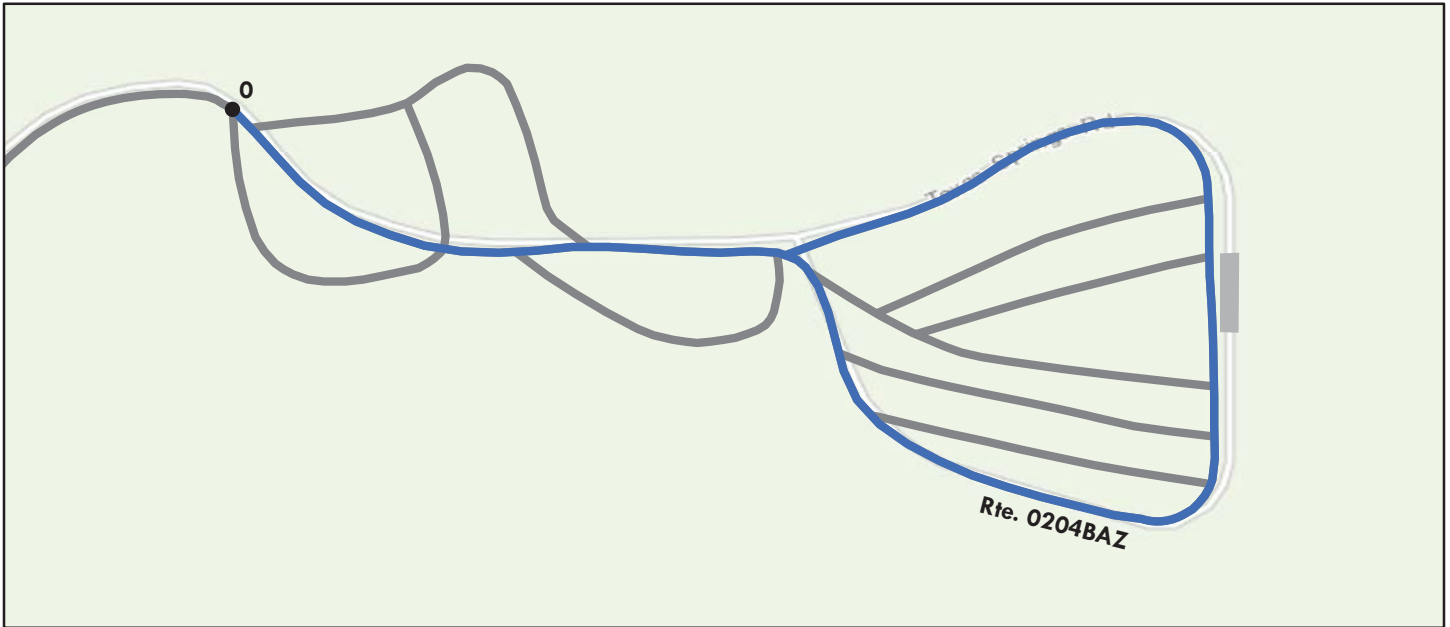
Route Condition Legend – Pavement Condition Rating (PCR)						
Poor (0 - 60)	Fair (61- 84)	Good (85 - 94)	Excellent (95 - 100)	Not Rated		
See Appendix for definitions and formulas						
Inspection Date:	3/11/2015					
Paved Length (Miles):	1.4					
Surface Type:	ASPHALT	Route Summary				
Roadway Condition Information						
Pavement Condition Rating (PCR)	98					
Lane & Width Information						
Number of Lanes	2					
Paved Width (ft)	18					
Lane Width (ft)	9.5					

Death Valley National Park

ROUTE 0204BAZ: TEXAS SPRING CAMPGROUND LOOP A

Subcomponent of Route DEVA-0204BZZ

Data Collection Vehicle (DCV) Rating



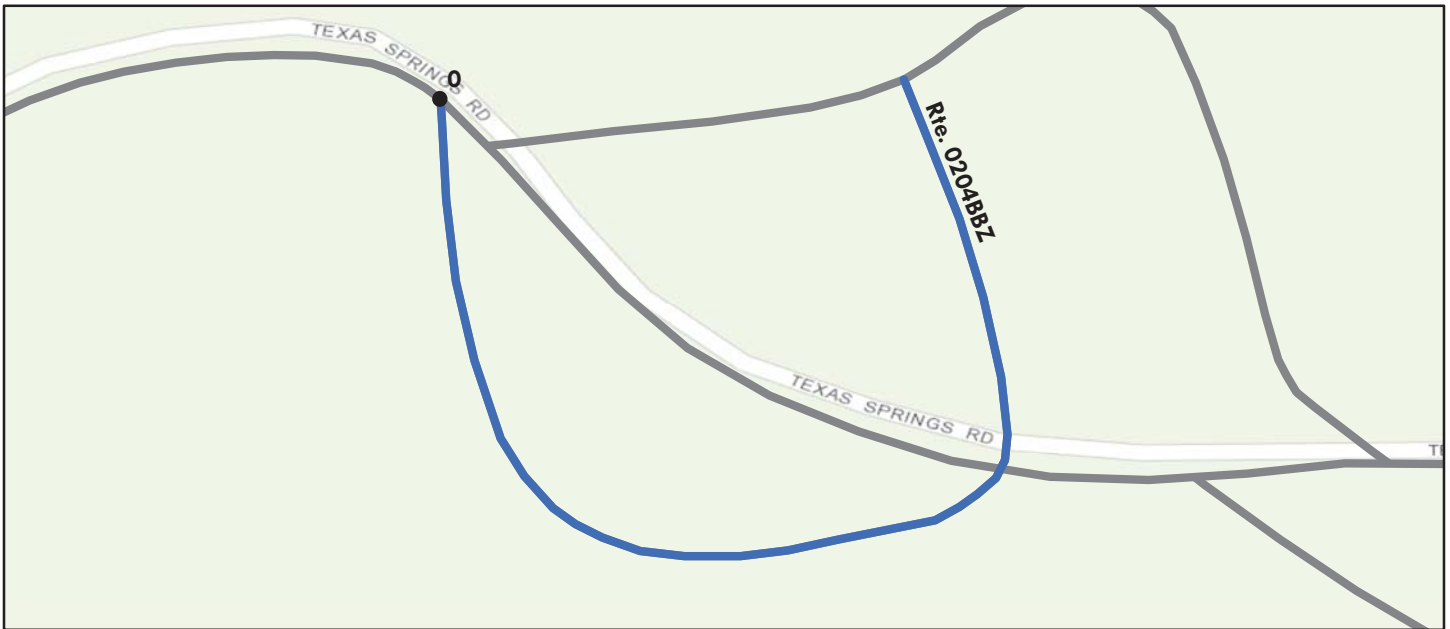
Sources: Esri, HERE, DeLorme, TomTom, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), swisstopo, MapmyIndia, © OpenStreetMap contributors, and the GIS User Community

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:	3/11/2015	Beginning Section MP	0			
Paved Length (Miles):	0.56	Section Length (MI)	0.56			
Surface Type:	ASPHALT	Route Summary				
Roadway Condition Information						
Pavement Condition Rating (PCR)	97	97				
Surface Condition Rating (SCR)	97	97				
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	97	97				
International Roughness Index (IRI)	N/A	N/A				
Lane & Width Information						
Number of Lanes	2	2				
Paved Width (ft)	18.9	18.9				
Lane Width (ft)	9.4	9.4				

Death Valley National Park

ROUTE 0204BBZ: TEXAS SPRING CAMPGROUND LOOP B

Subcomponent of Route DEVA-0204BZZ
Data Collection Vehicle (DCV) Rating



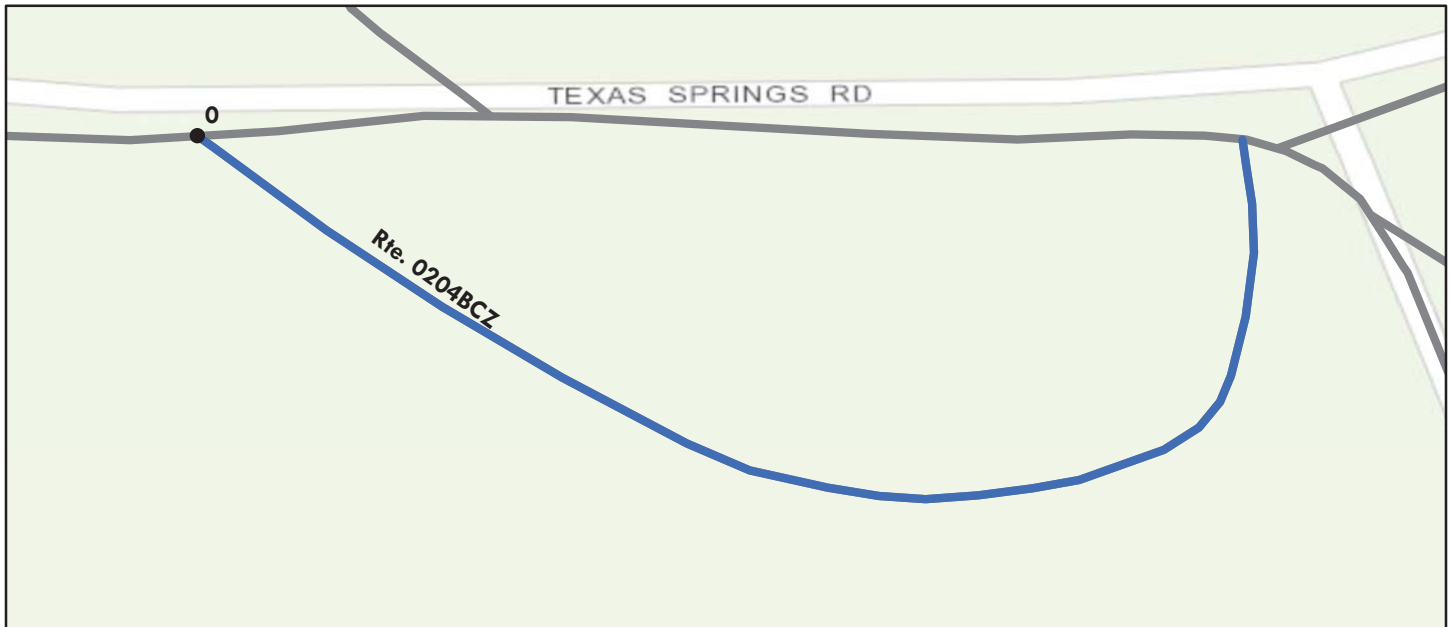
Sources: Esri, HERE, DeLorme, TomTom, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), swisstopo, MapmyIndia, © OpenStreetMap contributors, and the GIS User Community

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: 3/11/2015	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)	99	99				
Surface Condition Rating (SCR)	99	99				
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	99	99				
International Roughness Index (IRI)	N/A	N/A				
Lane & Width Information						
Number of Lanes	2	2				
Paved Width (ft)	17	17				
Lane Width (ft)	10.8	10.8				

Death Valley National Park

ROUTE 0204BCZ: TEXAS SPRING CAMPGROUND LOOP C

Subcomponent of Route DEVA-0204BZZ
Data Collection Vehicle (DCV) Rating



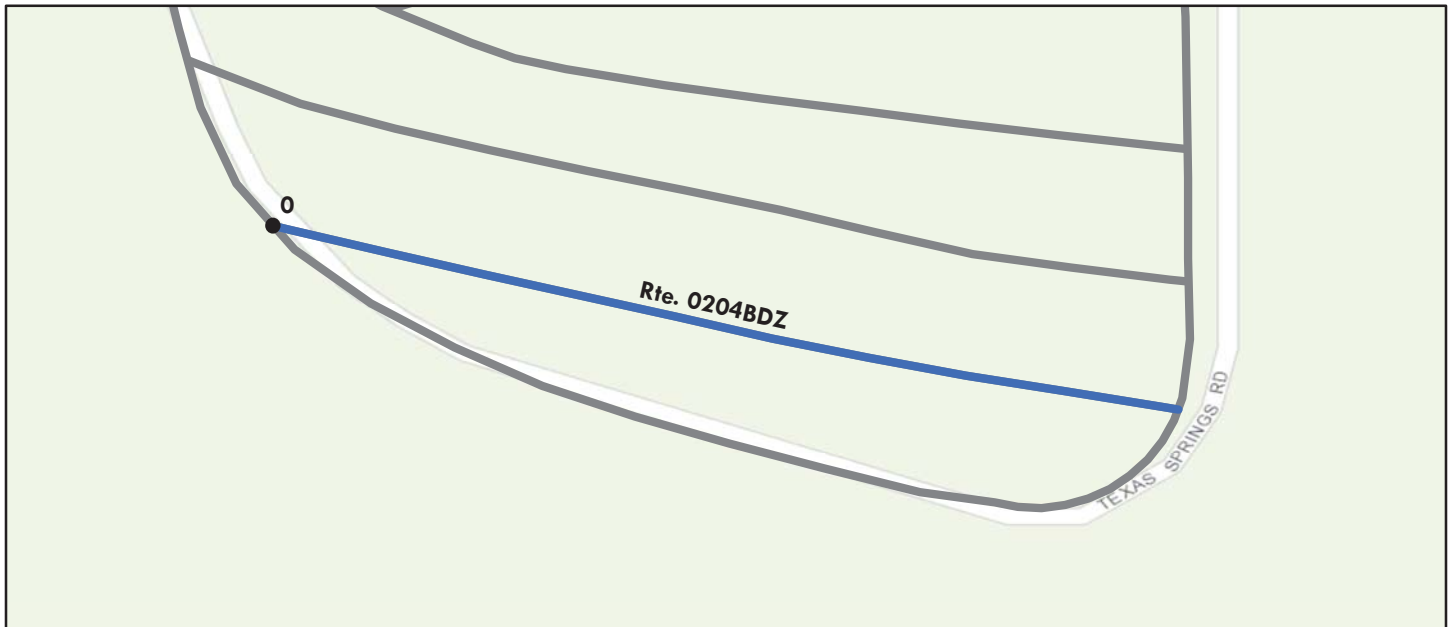
Sources: Esri, HERE, DeLorme, TomTom, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), swisstopo, MapmyIndia, © OpenStreetMap contributors, and the GIS User Community

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: 3/11/2015	Beginning Section MP	0				
Paved Length (Miles): 0.1	Section Length (MI)	0.1				
Surface Type: ASPHALT	Route Summary					
Roadway Condition Information						
Pavement Condition Rating (PCR)	99	99				
Surface Condition Rating (SCR)	99	99				
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	99	99				
International Roughness Index (IRI)	N/A	N/A				
Lane & Width Information						
Number of Lanes	2	2				
Paved Width (ft)	16.6	16.6				
Lane Width (ft)	8.3	8.3				

Death Valley National Park

ROUTE 0204BDZ: TEXAS SPRING CAMPGROUND LOOP D

Subcomponent of Route DEVA-0204BZZ
 Data Collection Vehicle (DCV) Rating



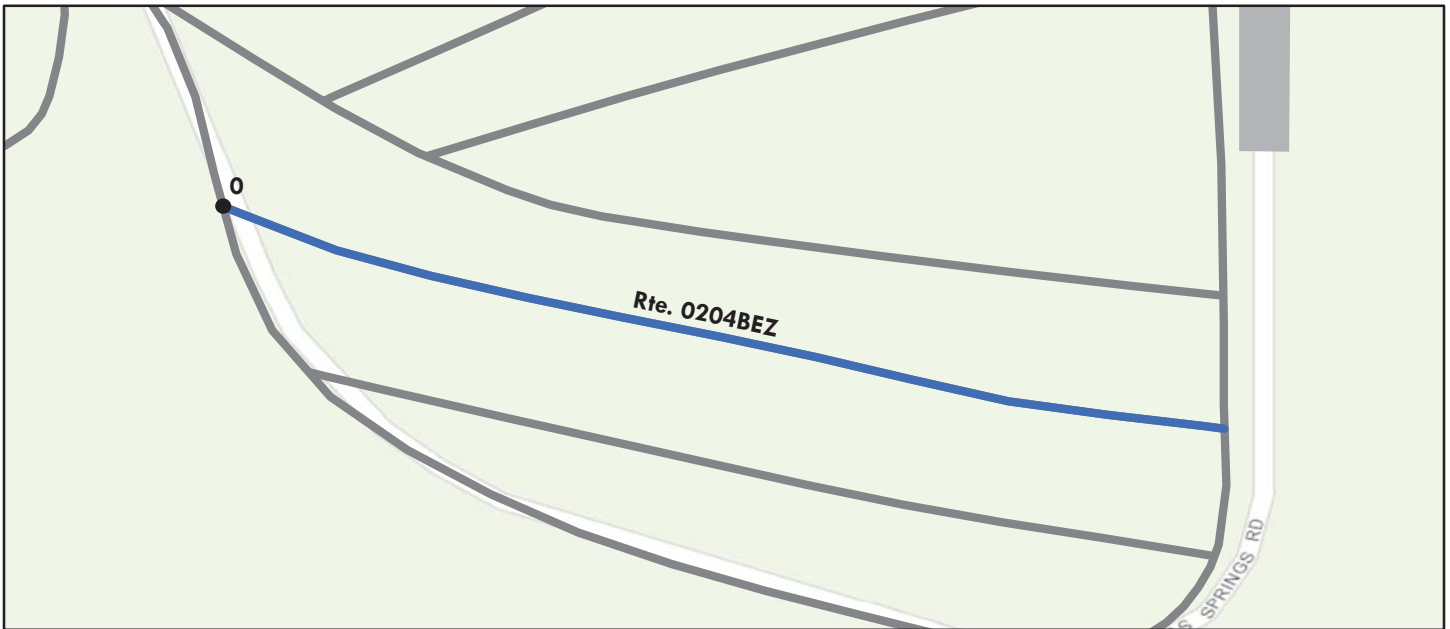
Sources: Esri, HERE, DeLorme, TomTom, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), swisstopo, MapmyIndia, © OpenStreetMap contributors, and the GIS User Community

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: 3/11/2015	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)	100	100				
Surface Condition Rating (SCR)	100	100				
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	100	100				
International Roughness Index (IRI)	N/A	N/A				
Lane & Width Information						
Number of Lanes	2	2				
Paved Width (ft)	19.6	19.6				
Lane Width (ft)	9.8	9.8				

Death Valley National Park

ROUTE 0204BEZ: TEXAS SPRING CAMPGROUND LOOP E

Subcomponent of Route DEVA-0204BZZ
Data Collection Vehicle (DCV) Rating



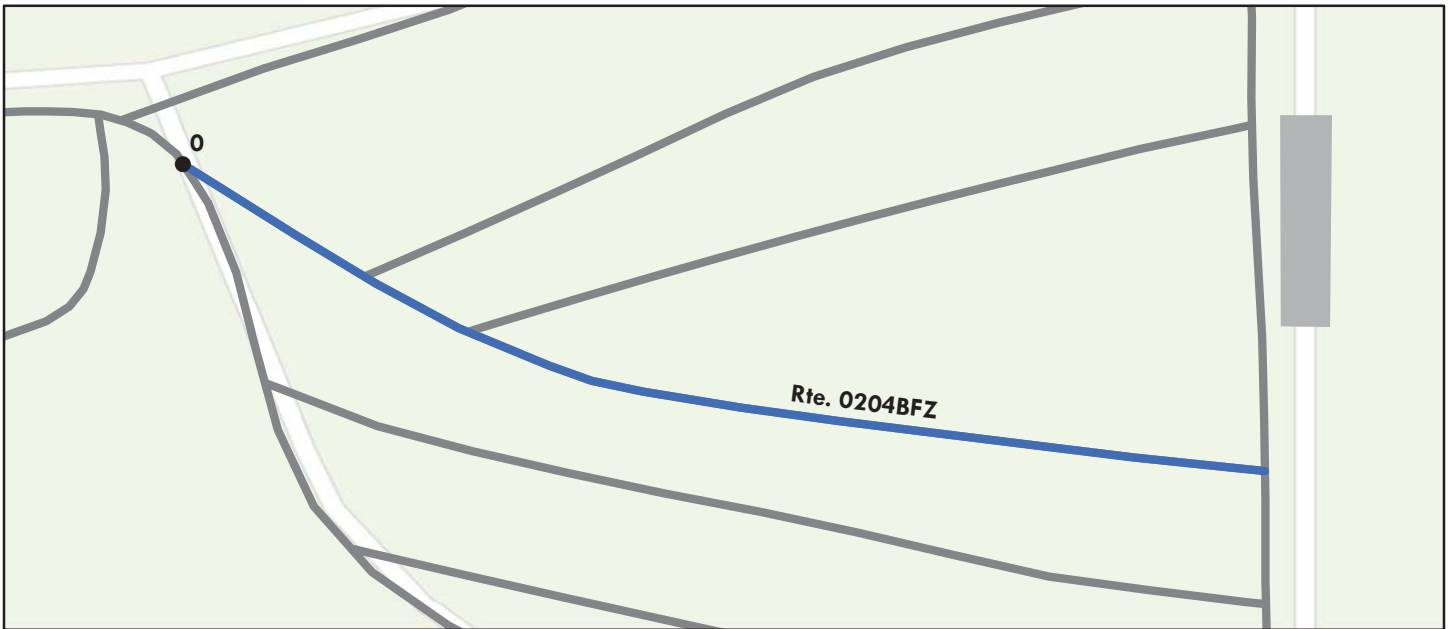
Sources: Esri, HERE, DeLorme, TomTom, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), swisstopo, MapmyIndia, © OpenStreetMap contributors, and the GIS User Community

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: 3/11/2015	Beginning Section MP	0				
Paved Length (Miles): 0.1	Section Length (MI)	0.1				
Surface Type: ASPHALT	Route Summary					
Roadway Condition Information						
Pavement Condition Rating (PCR)	99	99				
Surface Condition Rating (SCR)	99	99				
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	99	99				
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				

Death Valley National Park

ROUTE 0204BFZ: TEXAS SPRING CAMPGROUND LOOP F

Subcomponent of Route DEVA-0204BZZ
Data Collection Vehicle (DCV) Rating



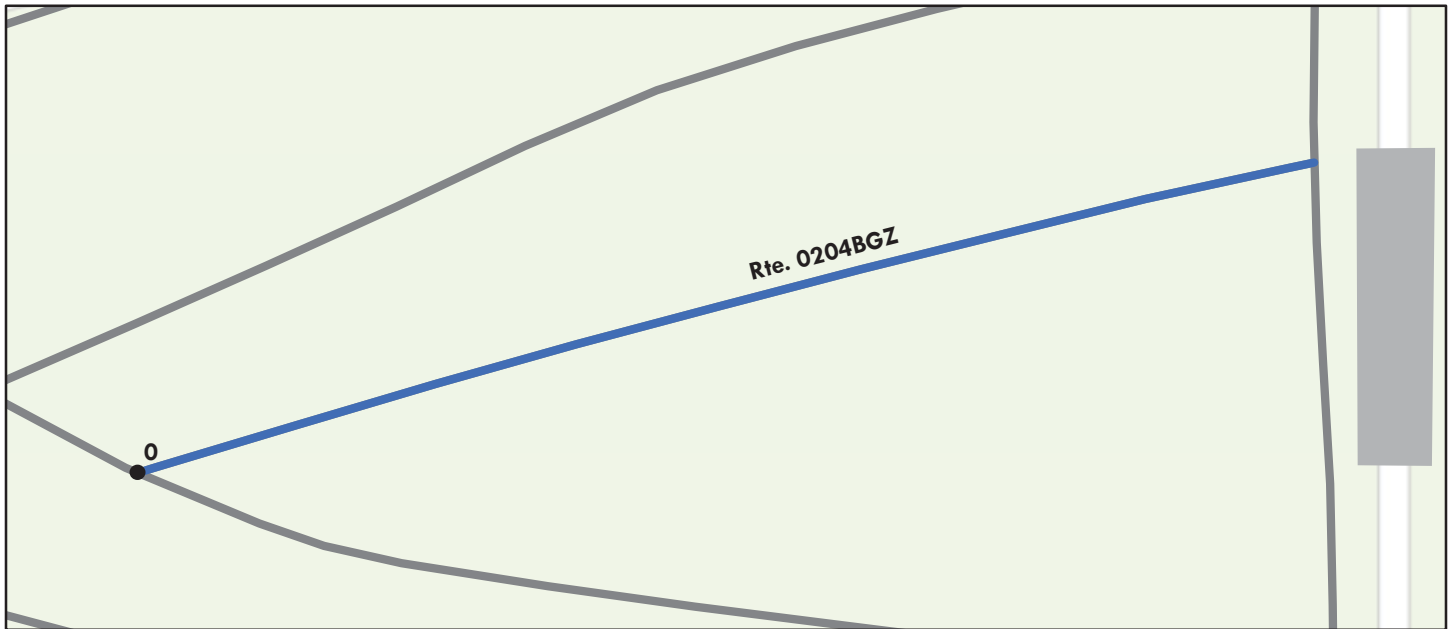
Sources: Esri, HERE, DeLorme, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), swisstopo, MapmyIndia, © OpenStreetMap contributors, and the GIS User Community

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: 3/11/2015	Beginning Section MP	0				
Paved Length (Miles): 0.11	Section Length (MI)	0.11				
Surface Type: ASPHALT	Route Summary					
Roadway Condition Information						
Pavement Condition Rating (PCR)	99	99				
Surface Condition Rating (SCR)	99	99				
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	99	99				
International Roughness Index (IRI)	N/A	N/A				
Lane & Width Information						
Number of Lanes	2	2				
Paved Width (ft)	16.1	16.1				
Lane Width (ft)	8	8				

Death Valley National Park

ROUTE 0204BGZ: TEXAS SPRING CAMPGROUND LOOP G

Subcomponent of Route DEVA-0204BZZ
 Data Collection Vehicle (DCV) Rating



Sources: Esri, HERE, DeLorme, TomTom, 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: 3/11/2015	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)	100	100				
Surface Condition Rating (SCR)	100	100				
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	100	100				
International Roughness Index (IRI)	N/A	N/A				
Lane & Width Information						
Number of Lanes	2	2				
Paved Width (ft)	19.6	19.6				
Lane Width (ft)	9.8	9.8				

Death Valley National Park

ROUTE 0204BHZ: TEXAS SPRING CAMPGROUND LOOP H

Subcomponent of Route DEVA-0204BZZ

Data Collection Vehicle (DCV) Rating



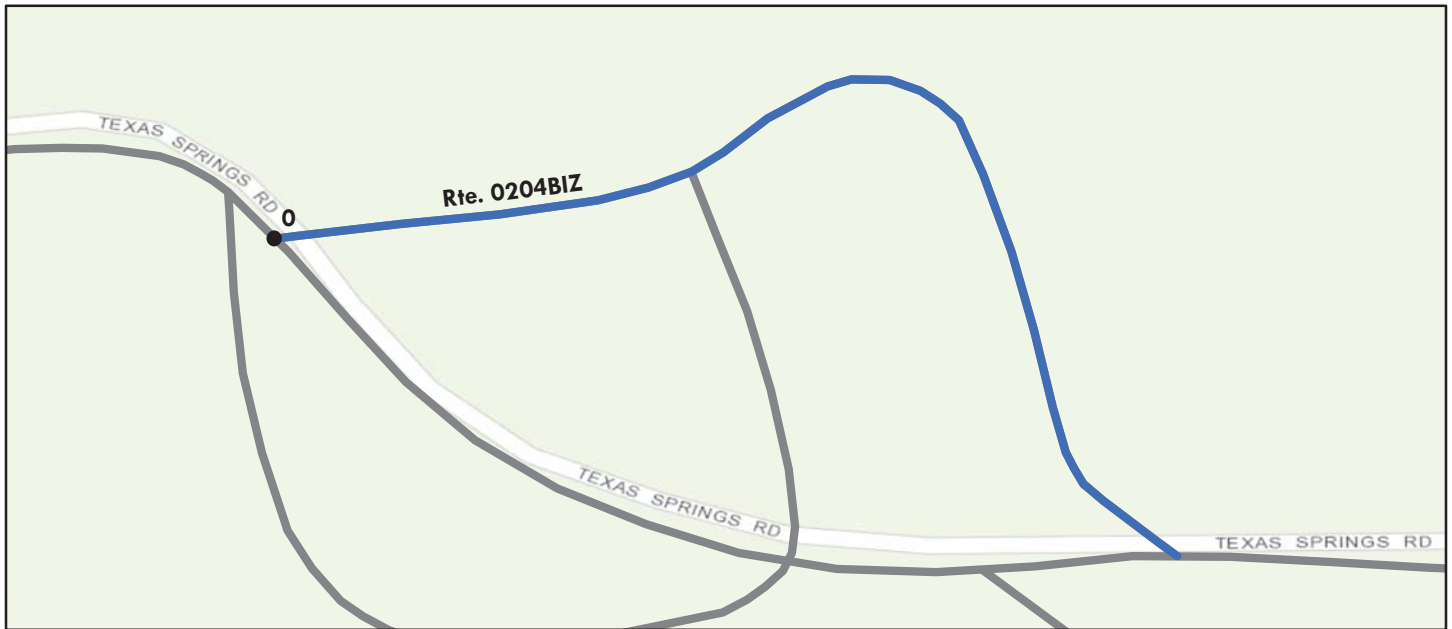
Sources: Esri, HERE, DeLorme, TomTom, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), swisstopo, MapmyIndia, © OpenStreetMap contributors, and the GIS User Community

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:	3/11/2015	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)	99	99				
Surface Condition Rating (SCR)	99	99				
Roughness Condition Index (RCI)	N/A	N/A				
Distress Index Values						
Structural Crack Index	99	99				
Alligator Crack Index	100	100				
Longitudinal Crack Index	99	99				
Transverse Cracking Index	100	100				
Patching Index	100	100				
Rutting Index	99	99				
International Roughness Index (IRI)	N/A	N/A				
Lane & Width Information						
Number of Lanes	2	2				
Paved Width (ft)	20.4	20.4				
Lane Width (ft)	10.2	10.2				

Death Valley National Park

ROUTE 0204BIZ: TEXAS SPRING CAMPGROUND LOOP I

Subcomponent of Route DEVA-0204BZZ
Data Collection Vehicle (DCV) Rating



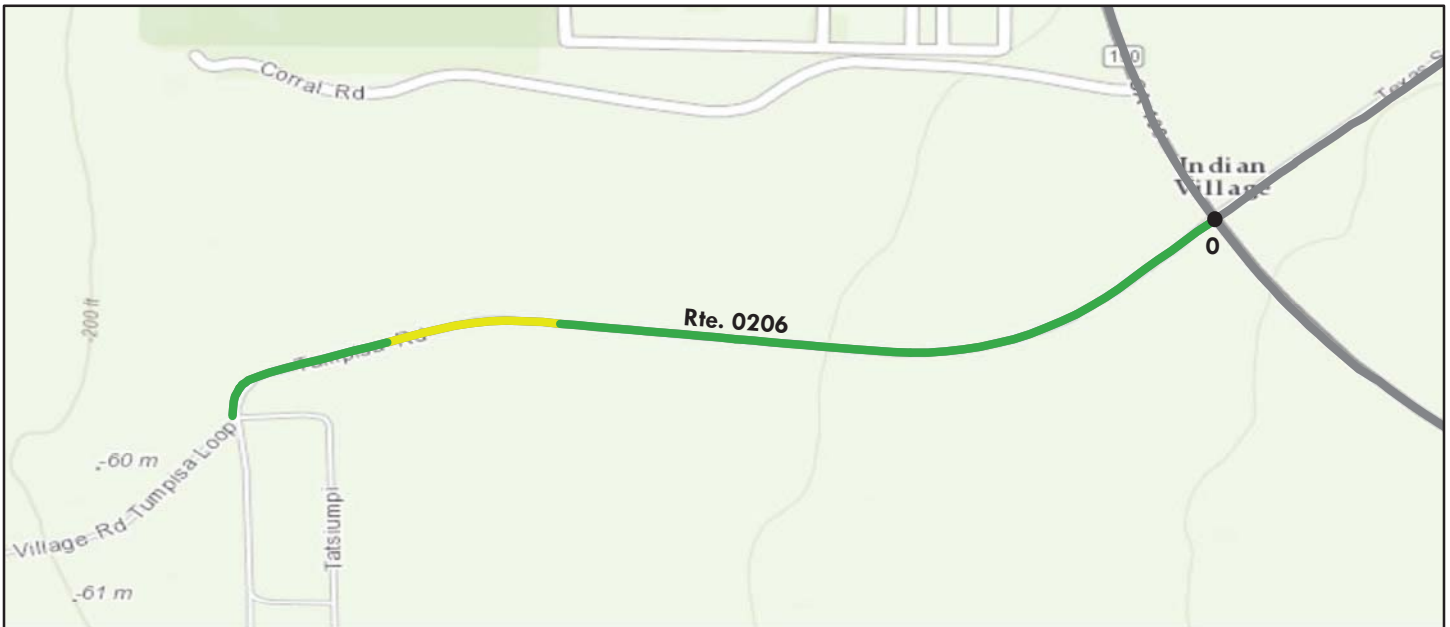
Sources: Esri, HERE, DeLorme, TomTom, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), swisstopo, MapmyIndia, © OpenStreetMap contributors, and the GIS User Community

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: 3/11/2015	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)	99	99				
Surface Condition Rating (SCR)	99	99				
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	99	99				
International Roughness Index (IRI)	N/A	N/A				
Lane & Width Information						
Number of Lanes	1	1				
Paved Width (ft)	15.2	15.2				
Lane Width (ft)	11.2	11.2				

Death Valley National Park

ROUTE 0206: TIMBISHA SHOSHONE VILLAGE ROAD

Data Collection Vehicle (DCV) Rating



Sources: Esri, HERE, DeLorme, TomTom, 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: 3/11/2015	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)	87	87				
Surface Condition Rating (SCR)	93	93				
Roughness Condition Index (RCI)	79	79				
Distress Index Values						
Structural Crack Index	99	99				
Alligator Crack Index	100	100				
Longitudinal Crack Index	99	99				
Transverse Cracking Index	96	96				
Patching Index	100	100				
Rutting Index	93	93				
International Roughness Index (IRI)	173	173				
Lane & Width Information						
Number of Lanes	2	2				
Paved Width (ft)	18.6	18.6				
Lane Width (ft)	9.3	9.3				

Death Valley National Park

ROUTE 0212A: MESQUITE SPRING CAMPGROUND ACCESS ROAD

Data Collection Vehicle (DCV) Rating



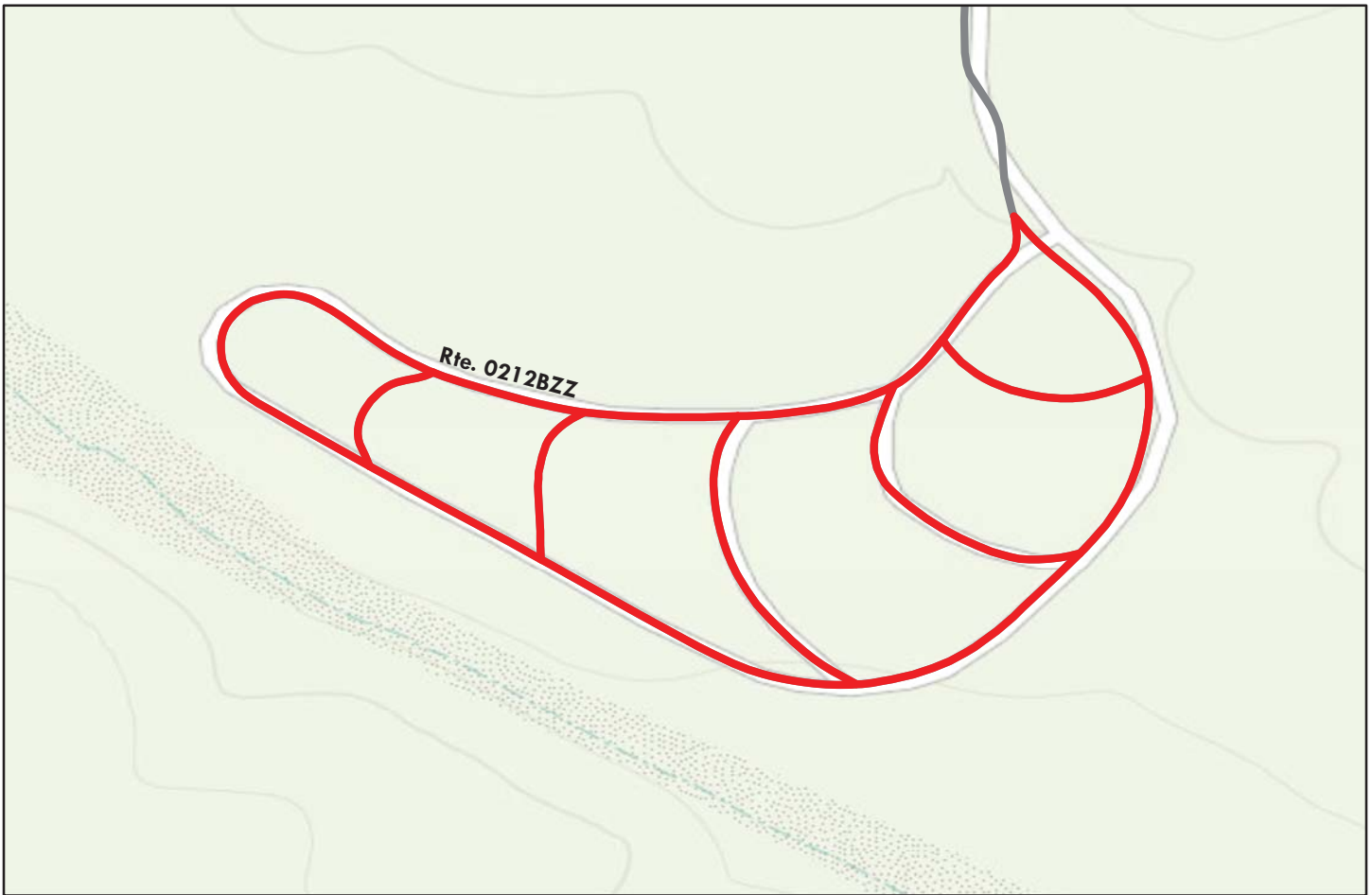
Sources: Esri, HERE, DeLorme, TomTom, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), swisstopo, MapmyIndia, © OpenStreetMap contributors, and the GIS User Community

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: 3/9/2015	Beginning Section MP	0	1			
Paved Length (Miles): 1.88	Section Length (MI)	1	0.88			
Surface Type: ASPHALT	Route Summary					
Roadway Condition Information						
Pavement Condition Rating (PCR)	100	100	99			
Surface Condition Rating (SCR)	100	100	99			
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	100	100	100			
Patching Index	100	100	100			
Rutting Index	100	100	99			
International Roughness Index (IRI)	71	70	73			
Lane & Width Information						
Number of Lanes	2	2	2			
Paved Width (ft)	16.5	16.9	16.1			
Lane Width (ft)	8.3	8.5	8			

Death Valley National Park

ROUTE 0212BZZ: MESQUITE SPRING CAMPGROUND ROADS

Summary Route



Sources: Esri, HERE, DeLorme, TomTom, 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.

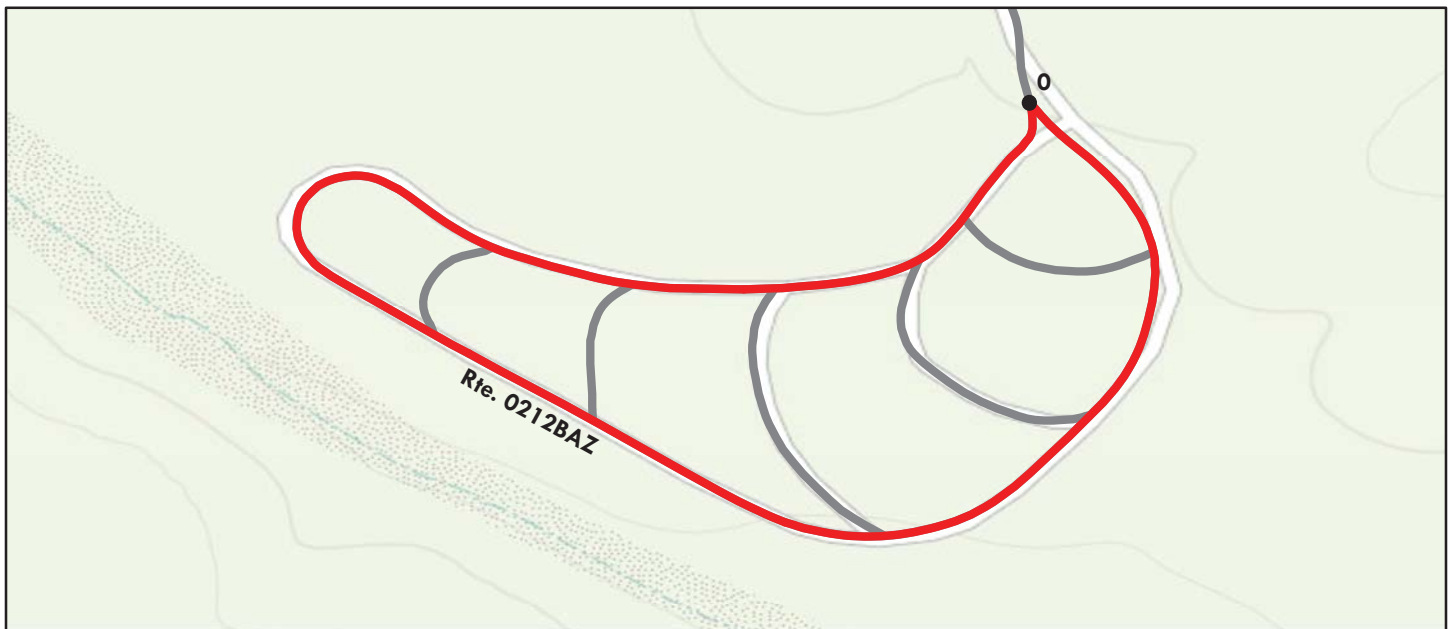
Route Condition Legend – Pavement Condition Rating (PCR)						
Poor (0 - 60)	Fair (61- 84)	Good (85 - 94)	Excellent (95 - 100)	Not Rated		
See Appendix for definitions and formulas						
Inspection Date:	3/9/2015					
Paved Length (Miles):	0.92					
Surface Type:	ASPHALT	Route Summary				
Roadway Condition Information						
Pavement Condition Rating (PCR)	5					
Lane & Width Information						
Number of Lanes	1					
Paved Width (ft)	11.6					
Lane Width (ft)	11.1					

Death Valley National Park

ROUTE 0212BAZ: MESQUITE SPRING CAMPGROUND ROAD A, OUTER LOOP

Subcomponent of Route DEVA-0212BZZ

Data Collection Vehicle (DCV) Rating



Sources: Esri, HERE, DeLorme, TomTom, 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

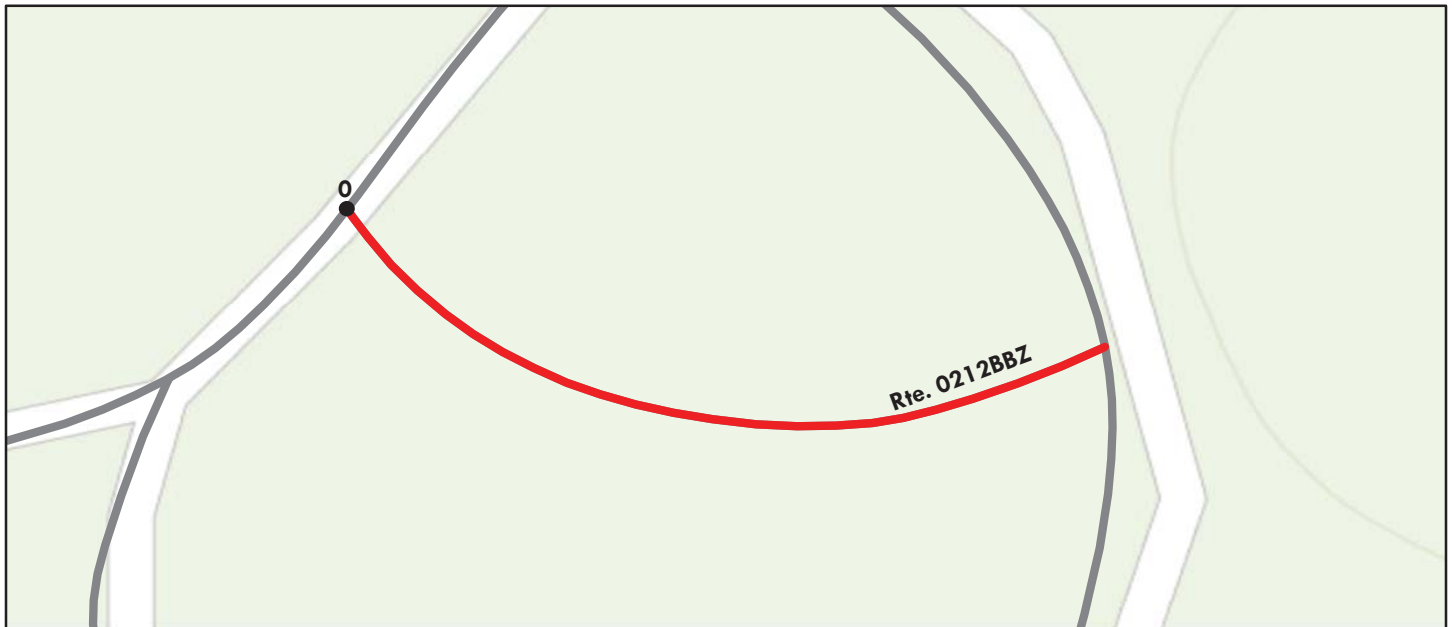
Inspection Date: 3/9/2015	Beginning Section MP	0				
Paved Length (Miles): 0.6	Section Length (MI)	0.6				
Surface Type: ASPHALT	Route Summary					
Roadway Condition Information						
Pavement Condition Rating (PCR)	0	0				
Surface Condition Rating (SCR)	0	0				
Roughness Condition Index (RCI)	N/A	N/A				
Distress Index Values						
Structural Crack Index	0	0				
Alligator Crack Index	100	100				
Longitudinal Crack Index	0	0				
Transverse Cracking Index	18	18				
Patching Index	100	100				
Rutting Index	97	97				
International Roughness Index (IRI)	N/A	N/A				
Lane & Width Information						
Number of Lanes	1	1				
Paved Width (ft)	11.9	11.9				
Lane Width (ft)	11.1	11.1				

Death Valley National Park

ROUTE 0212BBZ: MESQUITE SPRING CAMPGROUND ROAD B

Subcomponent of Route DEVA-0212BZZ

Data Collection Vehicle (DCV) Rating



Sources: Esri, HERE, DeLorme, TomTom, 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

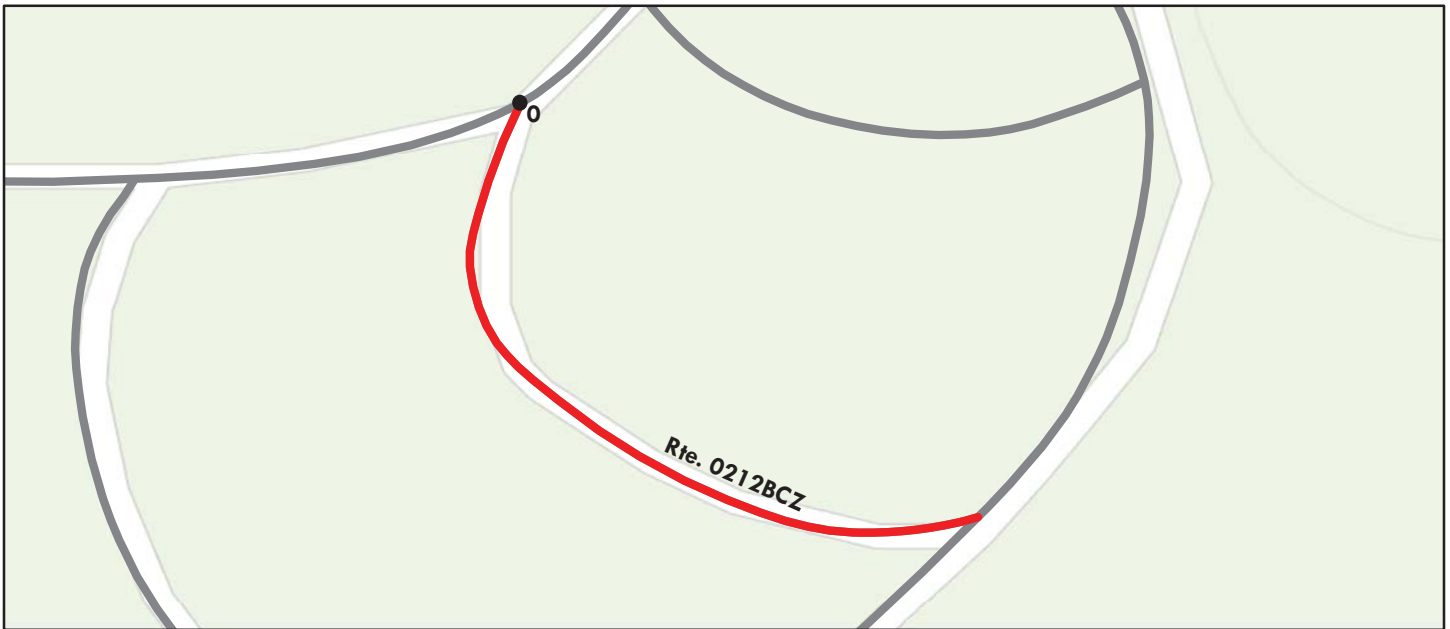
See Appendix for definitions and formulas

Inspection Date: 3/9/2015	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)	59	59				
Surface Condition Rating (SCR)	59	59				
Roughness Condition Index (RCI)	N/A	N/A				
Distress Index Values						
Structural Crack Index	80	80				
Alligator Crack Index	100	100				
Longitudinal Crack Index	80	80				
Transverse Cracking Index	59	59				
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)	12.1	12.1				
Lane Width (ft)	12.1	12.1				

Death Valley National Park

ROUTE 0212BCZ: MESQUITE SPRING CAMPGROUND ROAD C

Subcomponent of Route DEVA-0212BZZ
Data Collection Vehicle (DCV) Rating



Sources: Esri, HERE, DeLorme, TomTom, 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

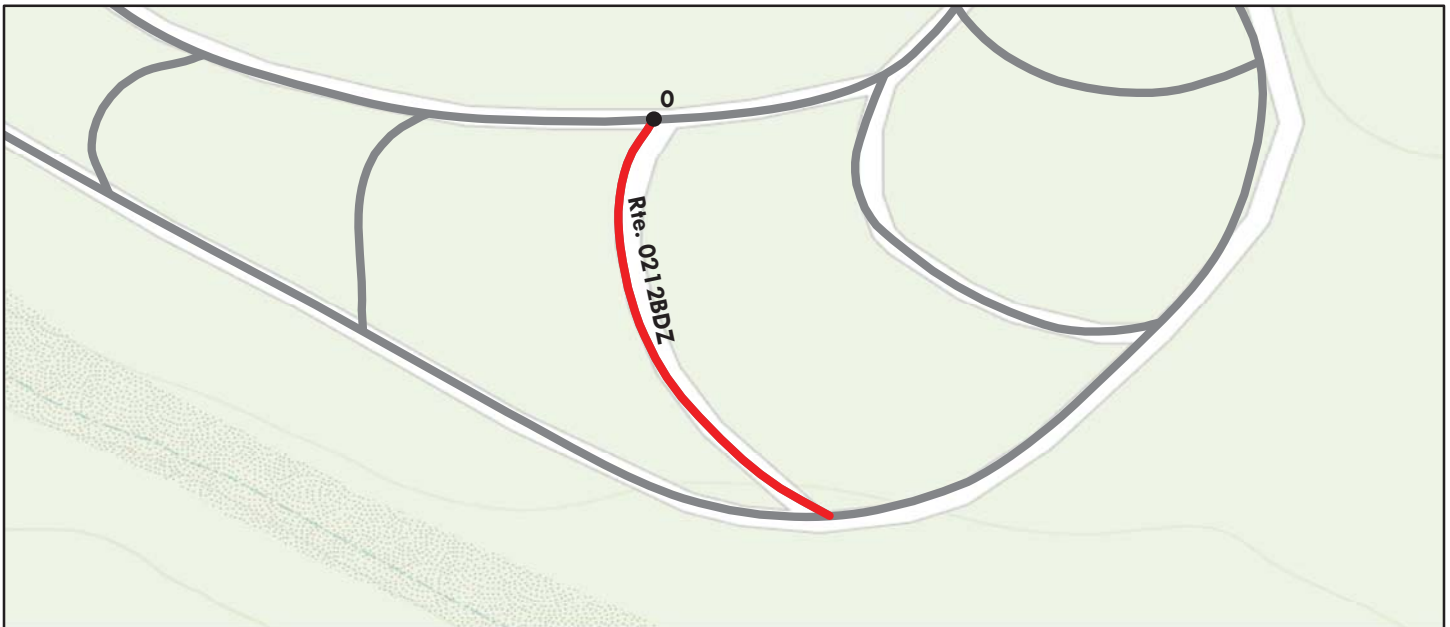
Route Condition Legend – Pavement Condition Rating (PCR)						
Poor (0 - 60)	Fair (61- 84)	Good (85 - 94)	Excellent (95 - 100)	Not Rated		
See Appendix for definitions and formulas						
Inspection Date: 3/9/2015	Beginning Section MP	0				
Paved Length (Miles): 0.09	Section Length (MI)	0.09				
Surface Type: ASPHALT	Route Summary					
Roadway Condition Information						
Pavement Condition Rating (PCR)	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	39	39				
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)	11.6	11.6				
Lane Width (ft)	11.6	11.6				

Death Valley National Park

ROUTE 0212BDZ: MESQUITE SPRING CAMPGROUND ROAD D

Subcomponent of Route DEVA-0212BZZ

Data Collection Vehicle (DCV) Rating



Sources: Esri, HERE, DeLorme, TomTom, 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: 3/9/2015	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)	0	0				
Surface Condition Rating (SCR)	0	0				
Roughness Condition Index (RCI)	N/A	N/A				
Distress Index Values						
Structural Crack Index	40	40				
Alligator Crack Index	100	100				
Longitudinal Crack Index	40	40				
Transverse Cracking Index	0	0				
Patching Index	99	99				
Rutting Index	96	96				
International Roughness Index (IRI)	N/A	N/A				
Lane & Width Information						
Number of Lanes	1	1				
Paved Width (ft)	10.8	10.8				
Lane Width (ft)	10.8	10.8				

Death Valley National Park

ROUTE 0212BEZ: MESQUITE SPRING CAMPGROUND ROAD E

Subcomponent of Route DEVA-0212BZZ

Data Collection Vehicle (DCV) Rating



Sources: Esri, HERE, DeLorme, TomTom, 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: 3/9/2015	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)	23	23				
Surface Condition Rating (SCR)	23	23				
Roughness Condition Index (RCI)	N/A	N/A				
Distress Index Values						
Structural Crack Index	58	58				
Alligator Crack Index	100	100				
Longitudinal Crack Index	58	58				
Transverse Cracking Index	23	23				
Patching Index	100	100				
Rutting Index	97	97				
International Roughness Index (IRI)	N/A	N/A				
Lane & Width Information						
Number of Lanes	1	1				
Paved Width (ft)	10.7	10.7				
Lane Width (ft)	10.7	10.7				

Death Valley National Park

ROUTE 0212BFZ: MESQUITE SPRING CAMPGROUND ROAD F

Subcomponent of Route DEVA-0212BZZ

Data Collection Vehicle (DCV) Rating



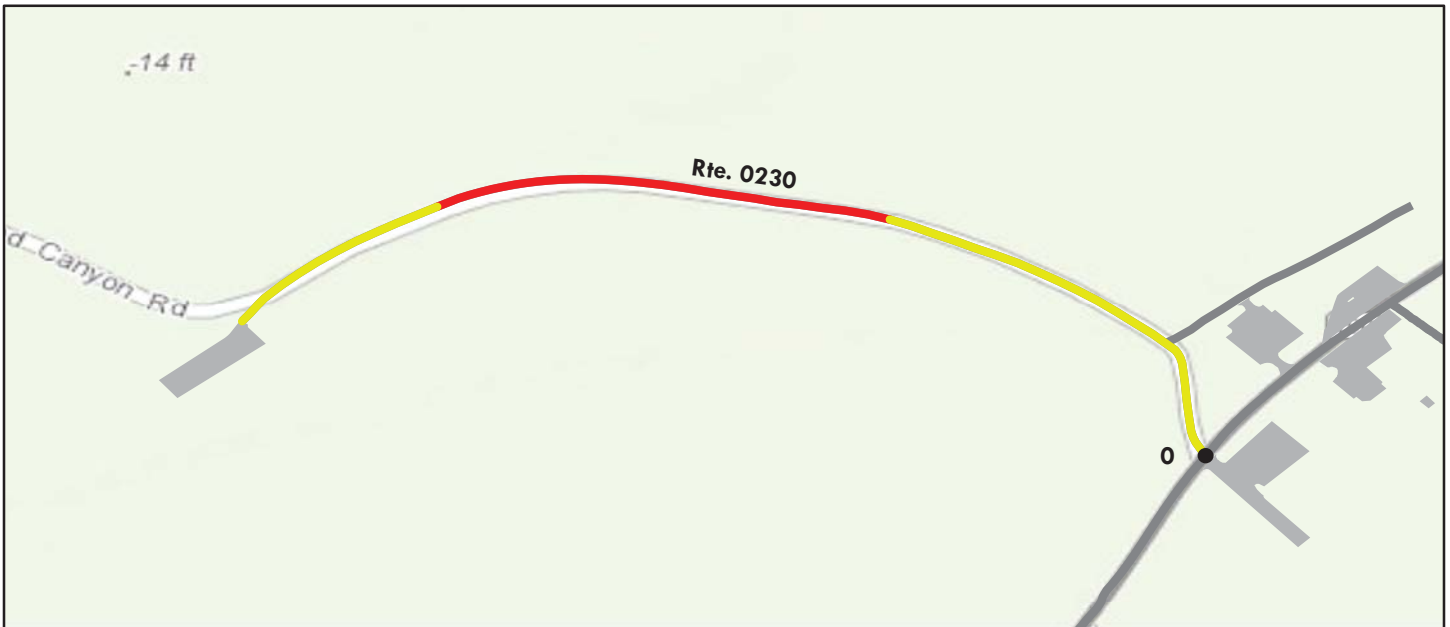
Sources: Esri, HERE, DeLorme, TomTom, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), swisstopo, MapmyIndia, © OpenStreetMap contributors, and the GIS User Community

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: 3/9/2015	Beginning Section MP	0				
Paved Length (Miles): 0.04	Section Length (MI)	0.04				
Surface Type: ASPHALT	Route Summary					
Roadway Condition Information						
Pavement Condition Rating (PCR)	13	13				
Surface Condition Rating (SCR)	13	13				
Roughness Condition Index (RCI)	N/A	N/A				
Distress Index Values						
Structural Crack Index	45	45				
Alligator Crack Index	100	100				
Longitudinal Crack Index	45	45				
Transverse Cracking Index	13	13				
Patching Index	100	100				
Rutting Index	97	97				
International Roughness Index (IRI)	N/A	N/A				
Lane & Width Information						
Number of Lanes	1	1				
Paved Width (ft)	10.3	10.3				
Lane Width (ft)	10.3	10.3				

Death Valley National Park

ROUTE 0230: STOVEPIPE WELLS LANDING STRIP ROAD

Data Collection Vehicle (DCV) Rating



Sources: Esri, HERE, DeLorme, TomTom, 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:	3/12/2015	Beginning Section MP	0			
Paved Length (Miles):	0.51	Section Length (MI)	0.51			
Surface Type:	ASPHALT	Route Summary				
Roadway Condition Information						
Pavement Condition Rating (PCR)	61	61				
Surface Condition Rating (SCR)	74	74				
Roughness Condition Index (RCI)	42	42				
Distress Index Values						
Structural Crack Index	74	74				
Alligator Crack Index	100	100				
Longitudinal Crack Index	74	74				
Transverse Cracking Index	88	88				
Patching Index	100	100				
Rutting Index	93	93				
International Roughness Index (IRI)	325	325				
Lane & Width Information						
Number of Lanes	2	2				
Paved Width (ft)	18.9	18.9				
Lane Width (ft)	9.4	9.4				

Death Valley National Park

ROUTE 0329: STOVEPIPE WELLS HOUSING ROAD

Data Collection Vehicle (DCV) Rating



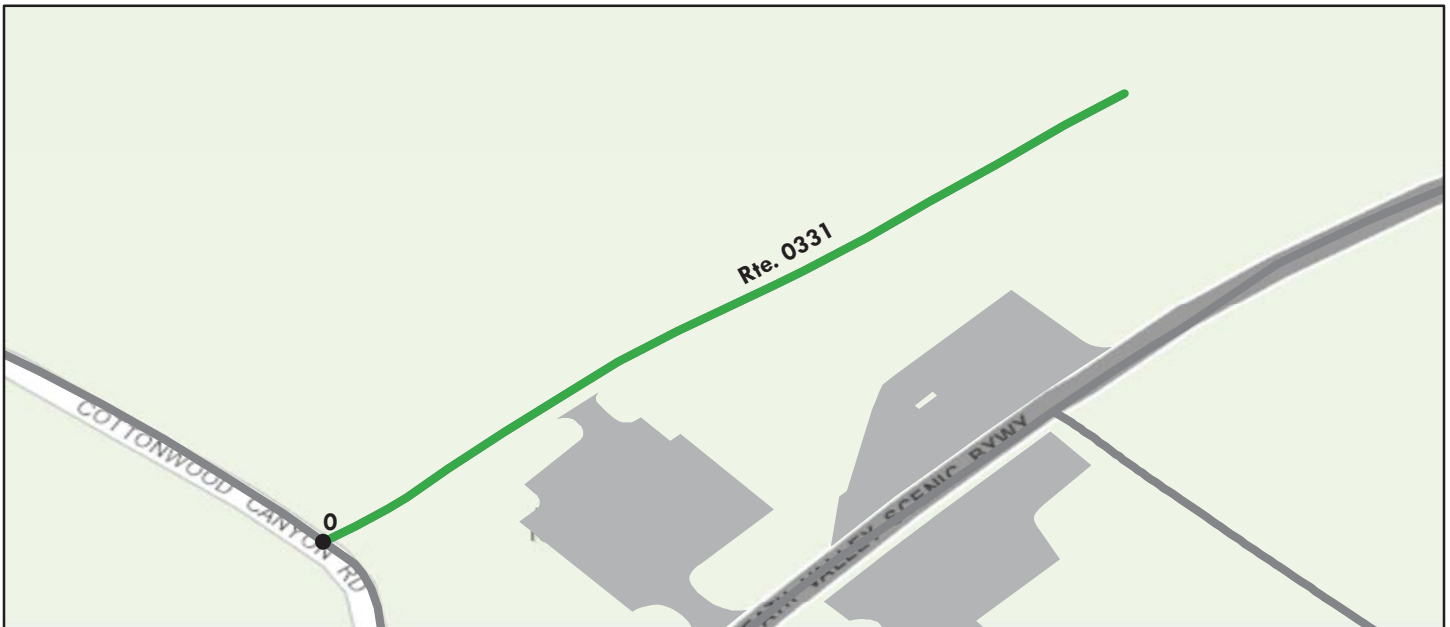
Sources: Esri, HERE, DeLorme, TomTom, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), swisstopo, MapmyIndia, © OpenStreetMap contributors, and the GIS User Community

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: 3/12/2015	Beginning Section MP	0				
Paved Length (Miles): 0.21	Section Length (MI)	0.21				
Surface Type: ASPHALT	Route Summary					
Roadway Condition Information						
Pavement Condition Rating (PCR)	89	89				
Surface Condition Rating (SCR)	89	89				
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	92	92				
Patching Index	100	100				
Rutting Index	94	94				
International Roughness Index (IRI)	N/A	N/A				
Lane & Width Information						
Number of Lanes	2	2				
Paved Width (ft)	18.6	18.6				
Lane Width (ft)	9.3	9.3				

Death Valley National Park

ROUTE 0331: STOVEPIPE WELLS CONCESSIONS CAMPGROUND ROAD

Data Collection Vehicle (DCV) Rating



Sources: Esri, HERE, DeLorme, TomTom, 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: 3/12/2015	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)	92	92				
Surface Condition Rating (SCR)	92	92				
Roughness Condition Index (RCI)	N/A	N/A				
Distress Index Values						
Structural Crack Index	99	99				
Alligator Crack Index	100	100				
Longitudinal Crack Index	99	99				
Transverse Cracking Index	99	99				
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)	21	21				
Lane Width (ft)	10.5	10.5				

Death Valley National Park

ROUTE 0400ZZ: COW CREEK SERVICE ROADS

Summary Route



Sources: Esri, HERE, DeLorme, TomTom, 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:	3/12/2015					
Paved Length (Miles):	0.61					
Surface Type:	ASPHALT	Route Summary				
Roadway Condition Information						
Pavement Condition Rating (PCR)	95					
Lane & Width Information						
Number of Lanes	2					
Paved Width (ft)	20.3					
Lane Width (ft)	10.4					

Death Valley National Park

ROUTE 0400AZ: COW CREEK SERVICE ROAD

Subcomponent of Route DEVA-0400ZZ
Data Collection Vehicle (DCV) Rating



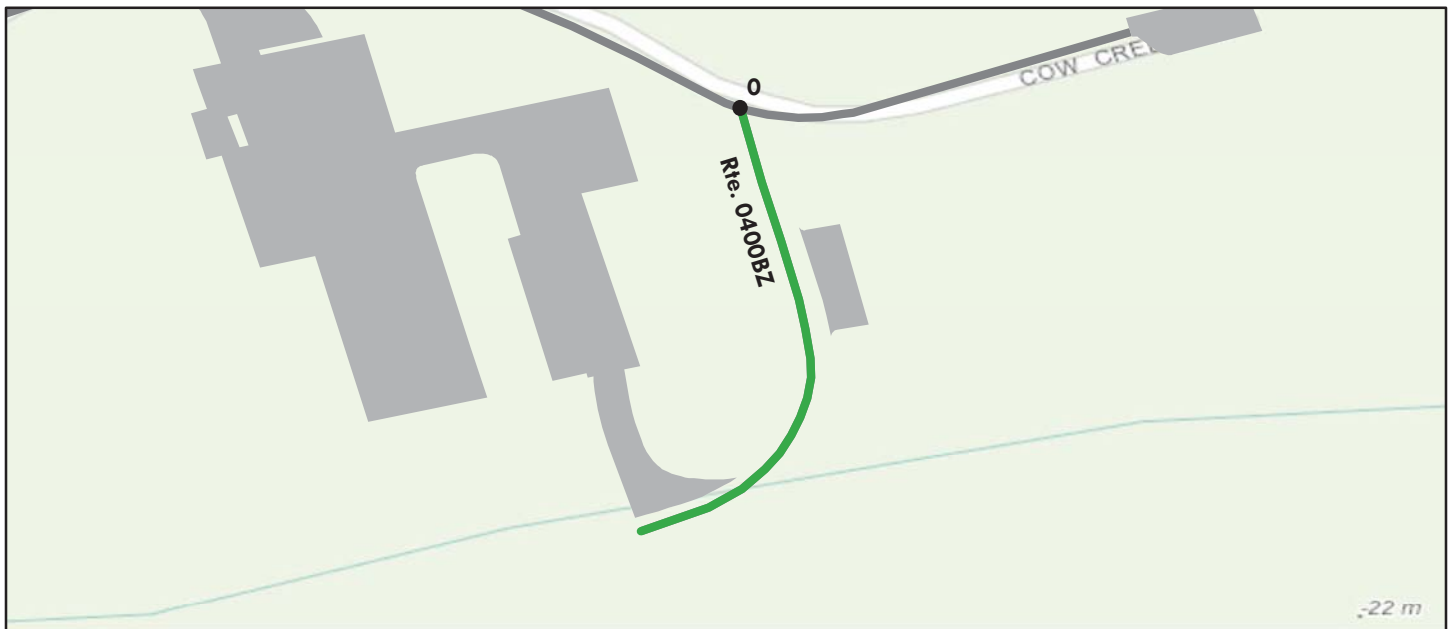
Sources: Esri, HERE, DeLorme, TomTom, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), swisstopo, MapmyIndia, © OpenStreetMap contributors, and the GIS User Community

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: 3/12/2015	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)	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	98	98				
Rutting Index	96	96				
International Roughness Index (IRI)	N/A	N/A				
Lane & Width Information						
Number of Lanes	2	2				
Paved Width (ft)	20.1	20.1				
Lane Width (ft)	10.3	10.3				

Death Valley National Park

ROUTE 0400BZ: COW CREEK SERVICE ROAD SPUR

Subcomponent of Route DEVA-0400ZZ
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: 3/12/2015	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)	92	92				
Surface Condition Rating (SCR)	92	92				
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	95	95				
Patching Index	100	100				
Rutting Index	92	92				
International Roughness Index (IRI)	N/A	N/A				
Lane & Width Information						
Number of Lanes	2	2				
Paved Width (ft)	21.5	21.5				
Lane Width (ft)	10.7	10.7				

Death Valley National Park

ROUTE 0401: OLD GHOST ROAD

Data Collection Vehicle (DCV) Rating



Sources: Esri, HERE, DeLorme, TomTom, 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: 3/12/2015	Beginning Section MP	0	1			
Paved Length (Miles): 1.3	Section Length (MI)	1	0.3			
Surface Type: ASPHALT	Route Summary					
Roadway Condition Information						
Pavement Condition Rating (PCR)	83	85	73			
Surface Condition Rating (SCR)	93	92	92			
Roughness Condition Index (RCI)	69	75	45			
Distress Index Values						
Structural Crack Index	97	97	99			
Alligator Crack Index	100	100	100			
Longitudinal Crack Index	97	97	99			
Transverse Cracking Index	93	92	98			
Patching Index	99	100	94			
Rutting Index	95	96	92			
International Roughness Index (IRI)	206	184	310			
Lane & Width Information						
Number of Lanes	2	2	2			
Paved Width (ft)	19.5	19.4	19.8			
Lane Width (ft)	9.7	9.7	9.9			

Death Valley National Park

ROUTE 0402: SKYLINE ROAD

Data Collection Vehicle (DCV) Rating



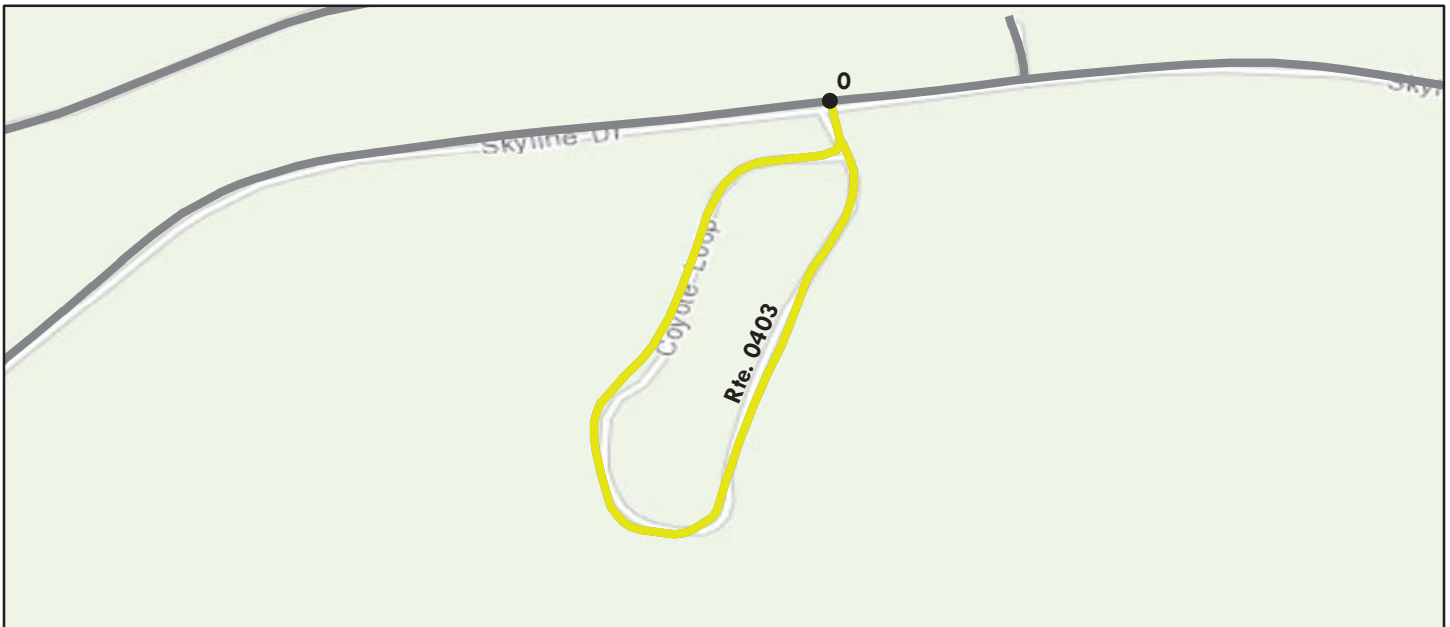
Sources: Esri, HERE, DeLorme, TomTom, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), swisstopo, MapmyIndia, © OpenStreetMap contributors, and the GIS User Community

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: 3/12/2015	Beginning Section MP	0				
Paved Length (Miles): 0.83	Section Length (MI)	0.83				
Surface Type: ASPHALT	Route Summary					
Roadway Condition Information						
Pavement Condition Rating (PCR)	76	76				
Surface Condition Rating (SCR)	92	92				
Roughness Condition Index (RCI)	51	51				
Distress Index Values						
Structural Crack Index	99	99				
Alligator Crack Index	100	100				
Longitudinal Crack Index	99	99				
Transverse Cracking Index	97	97				
Patching Index	99	99				
Rutting Index	92	92				
International Roughness Index (IRI)	280	280				
Lane & Width Information						
Number of Lanes	2	2				
Paved Width (ft)	19.5	19.5				
Lane Width (ft)	9.7	9.7				

Death Valley National Park

ROUTE 0403: COYOTE LOOP ROAD

Data Collection Vehicle (DCV) Rating



Sources: Esri, HERE, DeLorme, TomTom, 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: 3/12/2015	Beginning Section MP	0				
Paved Length (Miles): 0.28	Section Length (MI)	0.28				
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	75	75				
Alligator Crack Index	100	100				
Longitudinal Crack Index	75	75				
Transverse Cracking Index	84	84				
Patching Index	99	99				
Rutting Index	89	89				
International Roughness Index (IRI)	N/A	N/A				
Lane & Width Information						
Number of Lanes	2	2				
Paved Width (ft)	19.6	19.6				
Lane Width (ft)	9.8	9.8				

Death Valley National Park

ROUTE 0405: NEVARES ROAD

Data Collection Vehicle (DCV) Rating



Sources: Esri, HERE, DeLorme, TomTom, 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: 3/12/2015	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)	95	95				
Surface Condition Rating (SCR)	95	95				
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	95	95				
International Roughness Index (IRI)	N/A	N/A				
Lane & Width Information						
Number of Lanes	2	2				
Paved Width (ft)	22.6	22.6				
Lane Width (ft)	11.3	11.3				

Death Valley National Park

ROUTE 0407ZZ: GRAPEVINE SERVICE AND RESIDENCE ROADS

Summary Route



Sources: Esri, HERE, DeLorme, TomTom, 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:	3/9/2015					
Paved Length (Miles):	0.16					
Surface Type:	ASPHALT	Route Summary				
Roadway Condition Information						
Pavement Condition Rating (PCR)	67					
Lane & Width Information						
Number of Lanes	2					
Paved Width (ft)	17.6					
Lane Width (ft)	10					

Death Valley National Park

ROUTE 0407Z: GRAPEVINE SERVICE ROAD

Subcomponent of Route DEVA-0407ZZ
Data Collection Vehicle (DCV) Rating



Sources: Esri, HERE, DeLorme, TomTom, 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: 3/9/2015	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)	81	81				
Surface Condition Rating (SCR)	81	81				
Roughness Condition Index (RCI)	N/A	N/A				
Distress Index Values						
Structural Crack Index	81	81				
Alligator Crack Index	97	97				
Longitudinal Crack Index	84	84				
Transverse Cracking Index	90	90				
Patching Index	99	99				
Rutting Index	86	86				
International Roughness Index (IRI)	N/A	N/A				
Lane & Width Information						
Number of Lanes	2	2				
Paved Width (ft)	22.4	22.4				
Lane Width (ft)	11.2	11.2				

Death Valley National Park

ROUTE 0409Z: GRAPEVINE RESIDENCE ROAD

Subcomponent of Route DEVA-0407ZZ
Data Collection Vehicle (DCV) Rating



Sources: Esri, HERE, DeLorme, TomTom, 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: 3/9/2015	Beginning Section MP	0				
Paved Length (Miles): 0.1	Section Length (MI)	0.1				
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	91	91				
Longitudinal Crack Index	62	62				
Transverse Cracking Index	78	78				
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)	14.6	14.6				
Lane Width (ft)	9.2	9.2				

Death Valley National Park

ROUTE 0408: SALT PAN VISTA ROAD

Data Collection Vehicle (DCV) Rating



Sources: Esri, HERE, DeLorme, TomTom, 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: 3/12/2015	Beginning Section MP	0				
Paved Length (Miles): 0.3	Section Length (MI)	0.3				
Surface Type: ASPHALT	Route Summary					
Roadway Condition Information						
Pavement Condition Rating (PCR)	72	72				
Surface Condition Rating (SCR)	72	72				
Roughness Condition Index (RCI)	N/A	N/A				
Distress Index Values						
Structural Crack Index	72	72				
Alligator Crack Index	100	100				
Longitudinal Crack Index	72	72				
Transverse Cracking Index	85	85				
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)	18.6	18.6				
Lane Width (ft)	9.3	9.3				

Death Valley National Park

ROUTE 0412: WILDROSE RESIDENCE ROAD

Data Collection Vehicle (DCV) Rating



Sources: Esri, HERE, DeLorme, TomTom, 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:	3/11/2015	Beginning Section MP	0			
Paved Length (Miles):	0.11	Section Length (MI)	0.11			
Surface Type:	ASPHALT	Route Summary				
Roadway Condition Information						
Pavement Condition Rating (PCR)	74	74				
Surface Condition Rating (SCR)	74	74				
Roughness Condition Index (RCI)	N/A	N/A				
Distress Index Values						
Structural Crack Index	88	88				
Alligator Crack Index	100	100				
Longitudinal Crack Index	88	88				
Transverse Cracking Index	74	74				
Patching Index	94	94				
Rutting Index	87	87				
International Roughness Index (IRI)	N/A	N/A				
Lane & Width Information						
Number of Lanes	1	1				
Paved Width (ft)	14.2	14.2				
Lane Width (ft)	14.2	14.2				

Death Valley National Park

ROUTE 0415: SIMS CIRCLE RV PARK ROAD

Data Collection Vehicle (DCV) Rating



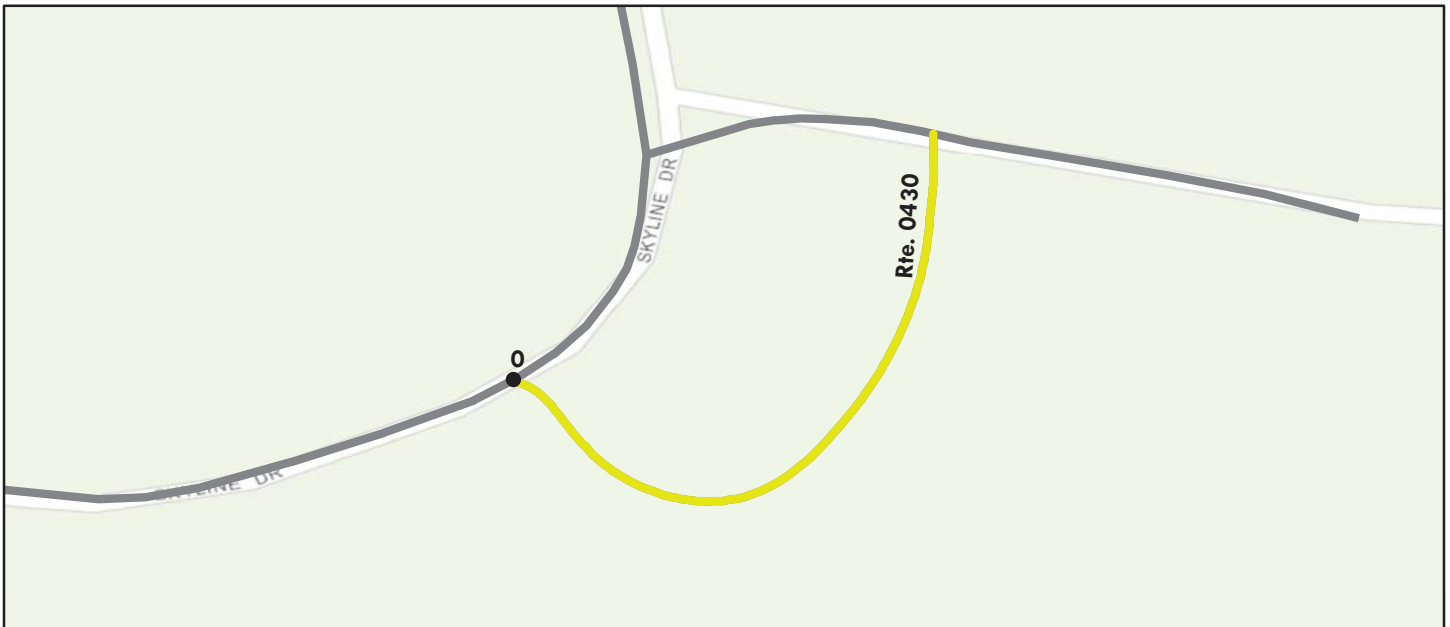
Sources: Esri, HERE, DeLorme, TomTom, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), swisstopo, MapmyIndia, © OpenStreetMap contributors, and the GIS User Community

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: 3/12/2015	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)	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	98	98				
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)	18.6	18.6				
Lane Width (ft)	9.3	9.3				

Death Valley National Park

ROUTE 0430: SKYLINE LOOP ROAD

Data Collection Vehicle (DCV) Rating



Sources: Esri, HERE, DeLorme, TomTom, 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

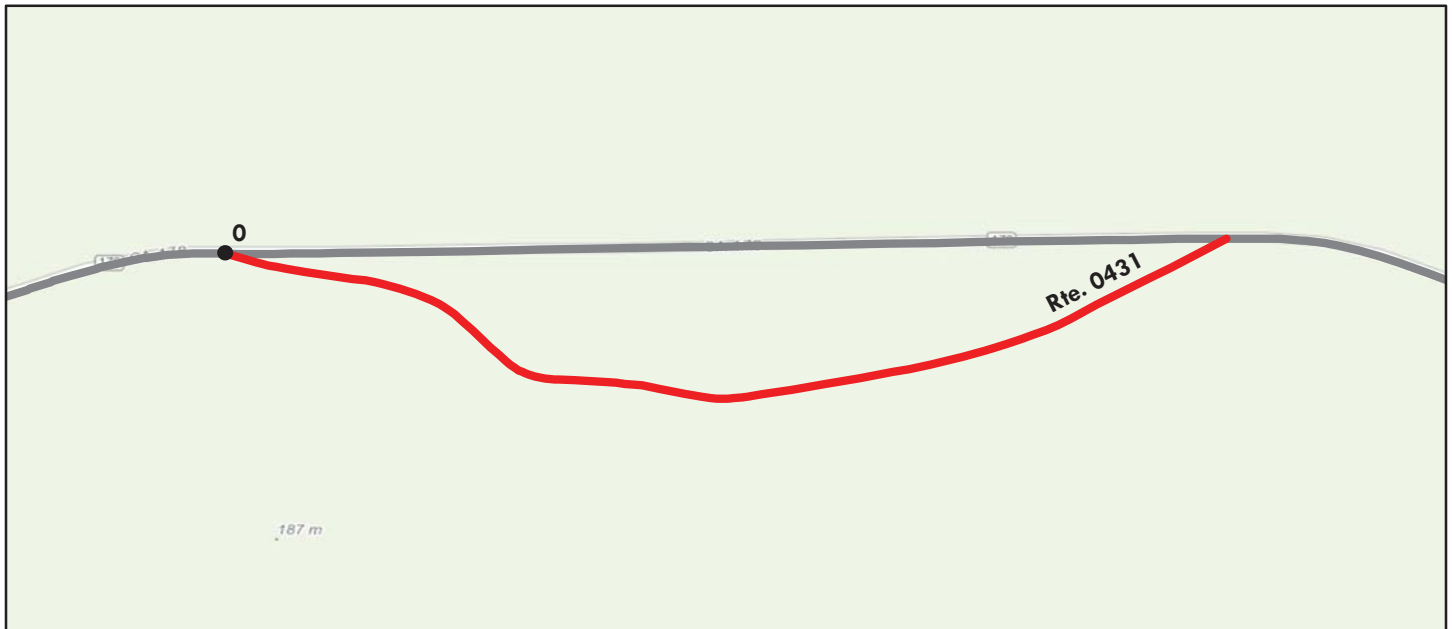
See Appendix for definitions and formulas

Inspection Date: 3/12/2015	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)	83	83				
Surface Condition Rating (SCR)	83	83				
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	87	87				
Patching Index	99	99				
Rutting Index	83	83				
International Roughness Index (IRI)	N/A	N/A				
Lane & Width Information						
Number of Lanes	2	2				
Paved Width (ft)	21.2	21.2				
Lane Width (ft)	10.6	10.6				

Death Valley National Park

ROUTE 0431: HARRY WADE MIXING TABLE ROAD

Manual Rating



Sources: Esri, HERE, DeLorme, TomTom, 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: 3/10/2015	Beginning Section MP	0.00				
Paved Length (Miles): 0.44	Section Length (MI)	0.44				
Surface Type: ASPHALT	Route Summary					
Roadway Condition Information						
Pavement Condition Rating (PCR)	30	30				
Surface Condition Rating (SCR)	30	30				
Roughness Condition Index (RCI)	N/A	N/A				
Distress Index Values						
Structural Crack Index	N/A	N/A				
Alligator Crack Index	73	73				
Longitudinal Crack Index	30	30				
Transverse Cracking Index	53	53				
Patching Index	73	73				
Rutting Index	73	73				
International Roughness Index (IRI)	N/A	N/A				
Lane & Width Information						
Number of Lanes	2	2				
Paved Width (ft)	38.3	38.3				
Lane Width (ft)	19.2	19.2				

Note: A section of this road (approximately 0.10 miles) is in very poor condition and appears to be unpaved. The short apron segments off of Badwater Road are in better condition than the rest of the road.

Death Valley National Park

ROUTE 0431: HARRY WADE MIXING TABLE ROAD

Condition Photos

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



DEVA_0431_0847.JPG



DEVA_0431_0849.JPG



DEVA_0431_0850.JPG



DEVA_0431_0851.JPG



DEVA_0431_0852.JPG



DEVA_0431_0856.JPG

Death Valley National Park

ROUTE 0500: ARTISTS DRIVE

Data Collection Vehicle (DCV) Rating



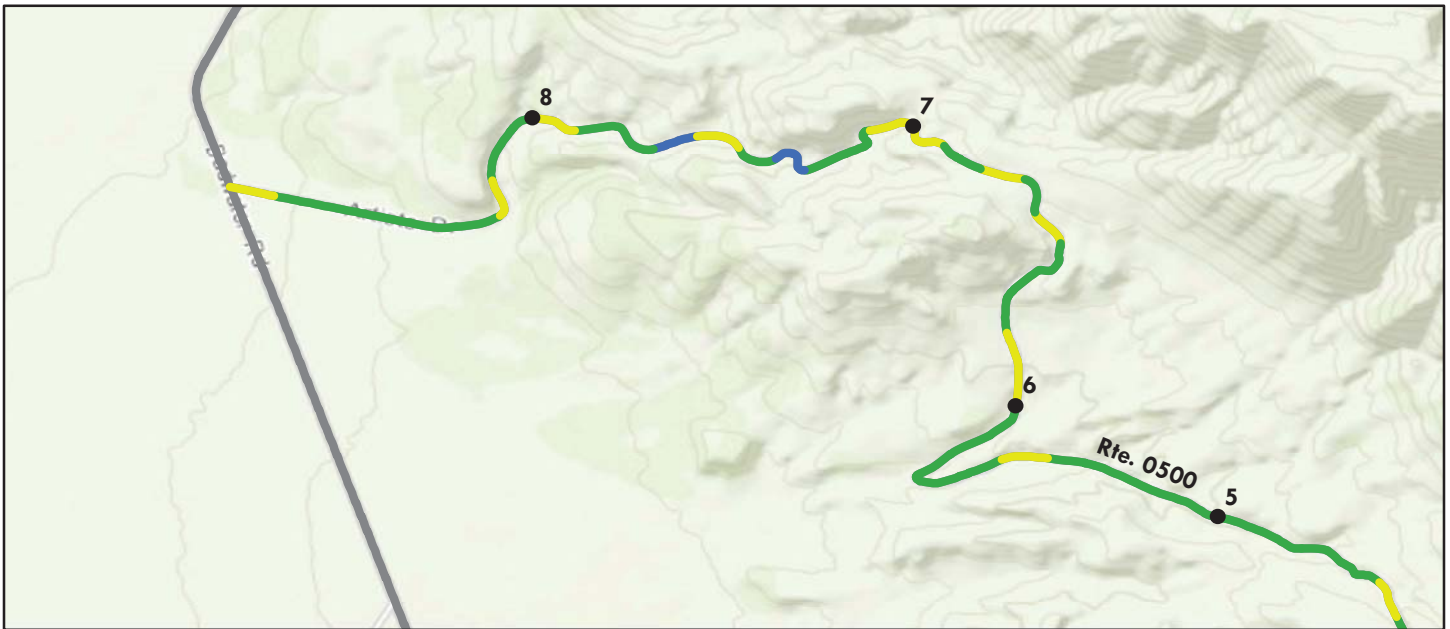
Sources: Esri, HERE, DeLorme, TomTom, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), swisstopo, MapmyIndia, © OpenStreetMap contributors, and the GIS User Community

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: 3/10/2015	Beginning Section MP	0	1	2	3	4
Paved Length (Miles): 8.89	Section Length (MI)	1	1	1	1	1
Surface Type: ASPHALT	Route Summary					
Roadway Condition Information						
Pavement Condition Rating (PCR)	82	82	75	68	75	84
Surface Condition Rating (SCR)	88	79	68	72	80	90
Roughness Condition Index (RCI)	73	86	85	62	67	75
Distress Index Values						
Structural Crack Index	91	79	80	84	91	93
Alligator Crack Index	100	100	100	100	100	100
Longitudinal Crack Index	91	79	80	84	91	93
Transverse Cracking Index	88	83	68	72	80	90
Patching Index	100	100	100	100	100	100
Rutting Index	95	91	91	92	95	96
International Roughness Index (IRI)	193	151	155	230	214	184
Lane & Width Information						
Number of Lanes	1	1	1	1	1	1
Paved Width (ft)	13.8	13	12.3	12.7	12.7	14.4
Lane Width (ft)	13.8	13	12.3	12.7	12.7	14.4

Death Valley National Park

ROUTE 0500: ARTISTS DRIVE

Data Collection Vehicle (DCV) Rating



Sources: Esri, HERE, DeLorme, TomTom, 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: 3/10/2015	Beginning Section MP	5	6	7	8	
Paved Length (Miles): 8.89	Section Length (MI)	1	1	1	0.89	
Surface Type: ASPHALT	Route Summary					
Roadway Condition Information						
Pavement Condition Rating (PCR)	82	89	82	87	86	
Surface Condition Rating (SCR)	88	97	97	97	96	
Roughness Condition Index (RCI)	73	76	60	72	72	
Distress Index Values						
Structural Crack Index	91	100	100	98	98	
Alligator Crack Index	100	100	100	100	100	
Longitudinal Crack Index	91	100	100	98	98	
Transverse Cracking Index	88	100	100	100	100	
Patching Index	100	100	100	100	100	
Rutting Index	95	97	97	97	96	
International Roughness Index (IRI)	193	182	238	196	194	
Lane & Width Information						
Number of Lanes	1	1	1	1	1	
Paved Width (ft)	13.8	14.8	14.5	15.3	15	
Lane Width (ft)	13.8	14.8	14.5	15.3	15	

Death Valley National Park

ROUTE 0501: HARMONY BORAX WORKS ROAD

Data Collection Vehicle (DCV) Rating



Sources: Esri, HERE, DeLorme, TomTom, 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: 3/11/2015	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)	92	92				
Surface Condition Rating (SCR)	92	92				
Roughness Condition Index (RCI)	N/A	N/A				
Distress Index Values						
Structural Crack Index	99	99				
Alligator Crack Index	100	100				
Longitudinal Crack Index	99	99				
Transverse Cracking Index	98	98				
Patching Index	100	100				
Rutting Index	92	92				
International Roughness Index (IRI)	N/A	N/A				
Lane & Width Information						
Number of Lanes	2	2				
Paved Width (ft)	19.9	19.9				
Lane Width (ft)	10.1	10.1				

Death Valley National Park

ROUTE 0506: DONNIE LANE

Manual Rating



Sources: Esri, HERE, DeLorme, TomTom, 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: 3/10/2015	Beginning Section MP	0.00				
Paved Length (Miles): 0.02	Section Length (MI)	0.02				
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	97	97				
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	2	2				
Paved Width (ft)	18.5	18.5				
Lane Width (ft)	9.3	9.3				

Death Valley National Park

ROUTE 0506: DONNIE LANE

Condition Photos

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



DEVA_0506_9919.JPG



DEVA_0506_9920.JPG



DEVA_0506_9921.JPG



DEVA_0506_9922.JPG

Death Valley National Park

ROUTE 0507: CANYON VIEW COURT

Data Collection Vehicle (DCV) Rating



Sources: Esri, HERE, DeLorme, TomTom, 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: 3/12/2015	Beginning Section MP	0				
Paved Length (Miles): 0.04	Section Length (MI)	0.04				
Surface Type: ASPHALT	Route Summary					
Roadway Condition Information						
Pavement Condition Rating (PCR)	88	88				
Surface Condition Rating (SCR)	88	88				
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	99	99				
Patching Index	100	100				
Rutting Index	88	88				
International Roughness Index (IRI)	N/A	N/A				
Lane & Width Information						
Number of Lanes	1	1				
Paved Width (ft)	12.3	12.3				
Lane Width (ft)	12.3	12.3				

Section 6 Paved Parking Area Condition Rating Sheets



Death Valley National Park



Federal Lands Highway
Road Inventory Program

Death Valley National Park

ROUTE 0900: SCOTTY'S CASTLE PARKING

Manual Rating

FROM ROUTE 0011 (SCOTTY'S CASTLE ROAD / BONNIE CLAIRE) AT MP 36.34

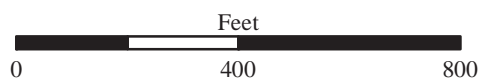
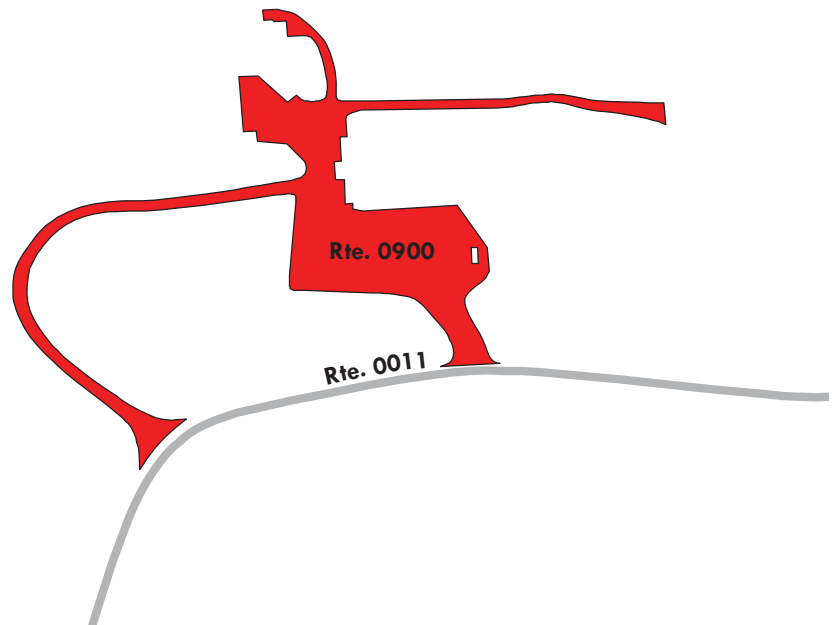
TO ROUTE 0011 (SCOTTY'S CASTLE ROAD / BONNIE CLAIRE) AT MP 36.25

Inspection Date	FMSS Number	User Access	Surface Type
3/11/2015	60888	PUBLIC	ASPHALT
Area (Sq. Ft.)	Lane Miles (11' Widths)	Curb Reveal (Inches)	Curb Recommendation
98,777	1.701	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
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See Appendix for definitions and formulas



Death Valley National Park

ROUTE 0901ZZ: UBEHEBE CRATER PARKING LOTS

Summary Route
Manual Rating

ADJACENT TO ROUTE 0109 (UBEHEBE CRATER ROAD) AT MP 6.05

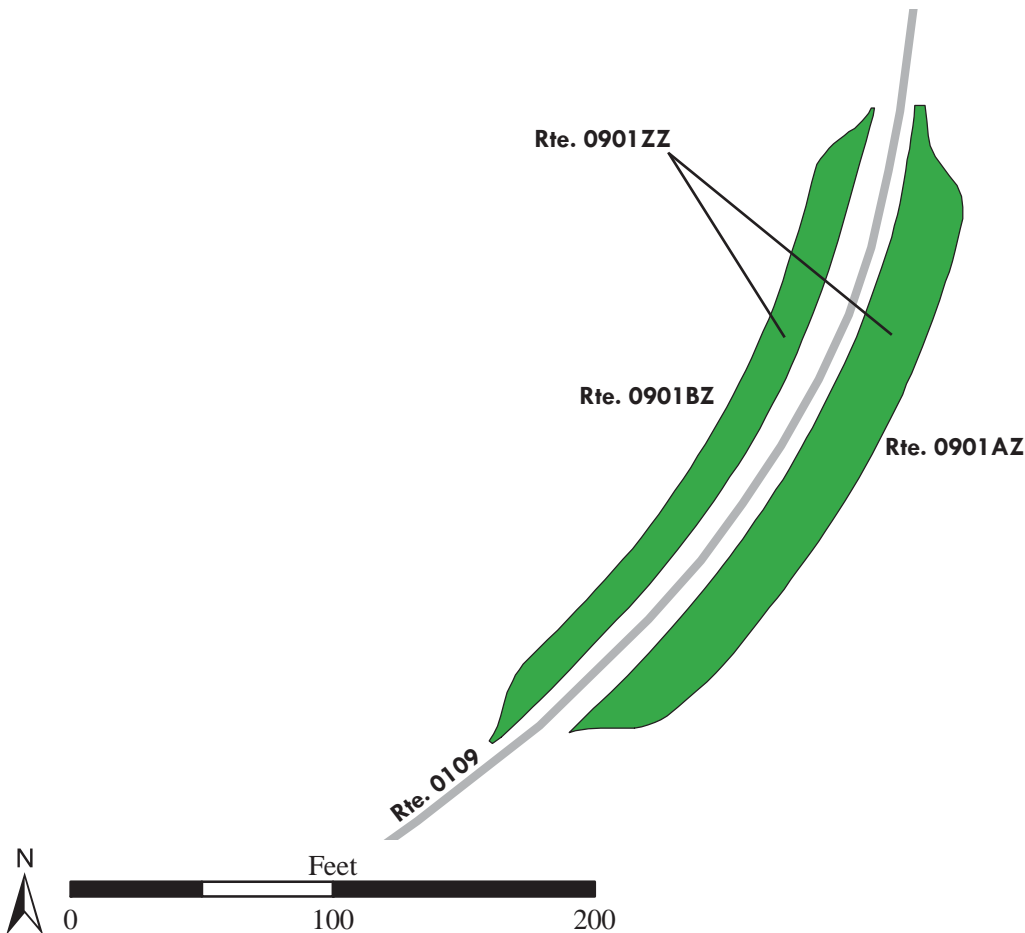
Inspection Date	FMSS Number	User Access	Surface Type
3/11/2015	60889	PUBLIC	ASPHALT
Area (Sq. Ft.)	Lane Miles (11' Widths)	Condition Rating / PCR	
7,999	0.138	SUMMARY / 90	

Route Condition Legend – Pavement Condition Rating (PCR)

Poor (0 - 60)	Fair (61- 84)	Good (85 - 94)	Excellent (95 - 100)	Not Rated
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See Appendix for definitions and formulas

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



Death Valley National Park

ROUTE 0901AZ: UBEHEBE CRATER PARKING A

Subcomponent of Route DEVA-0901ZZ
Manual Rating

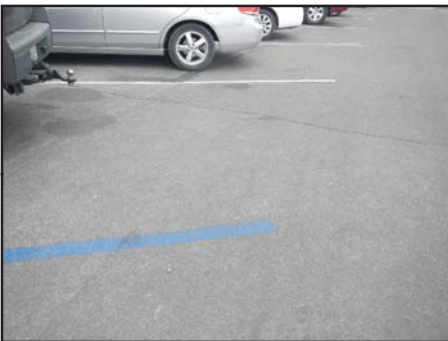
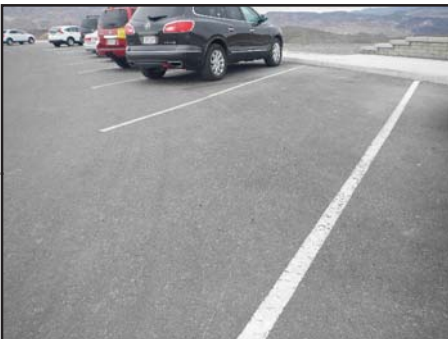
ADJACENT TO ROUTE 0109 (UBEHEBE CRATER ROAD) ON RIGHT

Inspection Date	FMSS Number	User Access	Surface Type
3/11/2015	60889	PUBLIC	ASPHALT
Area (Sq. Ft.)	Lane Miles (11' Widths)	Curb Reveal (Inches)	Curb Recommendation
4,947	0.085	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
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See Appendix for definitions and formulas



Death Valley National Park

ROUTE 0901BZ: UBEHEBE CRATER PARKING B

Subcomponent of Route DEVA-0901ZZ
Manual Rating

ADJACENT TO ROUTE 0109 (UBEHEBE CRATER ROAD) ON LEFT

Inspection Date	FMSS Number	User Access	Surface Type
3/11/2015	60889	PUBLIC	ASPHALT
Area (Sq. Ft.)	Lane Miles (11' Widths)	Curb Reveal (Inches)	Curb Recommendation
3,052	0.053	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)

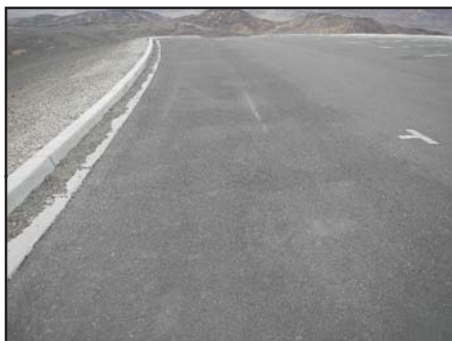
Fair (61- 84)

Good (85 - 94)

Excellent (95 - 100)

Not Rated

See Appendix for definitions and formulas



Death Valley National Park

ROUTE 0903: EMIGRANT REST AREA PARKING

Manual Rating

FROM ROUTE 5001 (CA-190 / DEATH VALLEY SCENIC BYWAY) AT MM 76.73

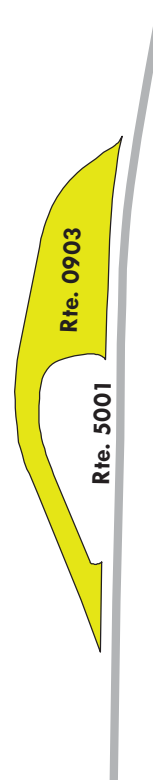
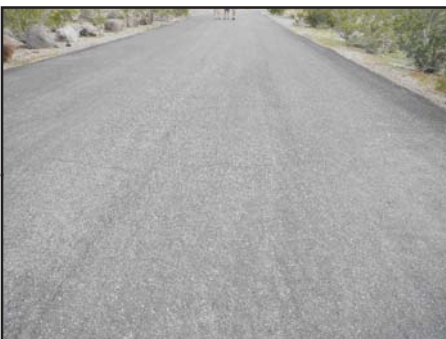
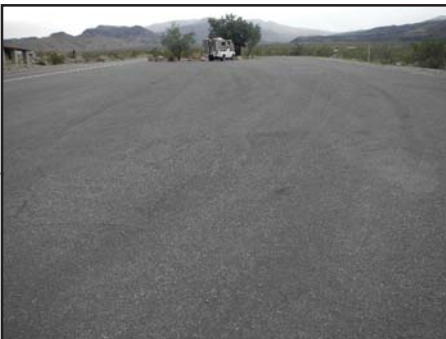
TO ROUTE 5001 (CA-190 / DEATH VALLEY SCENIC BYWAY) AT MM 76.65

Inspection Date	FMSS Number	User Access	Surface Type
3/11/2015	60890	PUBLIC	ASPHALT
Area (Sq. Ft.)	Lane Miles (11' Widths)	Curb Reveal (Inches)	Curb Recommendation
25,256	0.435	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
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See Appendix for definitions and formulas



Death Valley National Park

ROUTE 0906: WILDROSE UTILITY AREA PARKING

Manual Rating

FROM ROUTE 0112 (CHARCOAL KILNS ROAD) AT MP 0.39

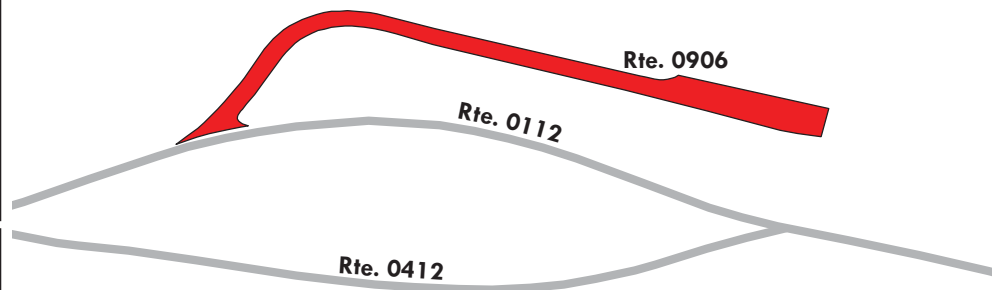
TO PARKING

Inspection Date	FMSS Number	User Access	Surface Type
3/11/2015	102624	NONPUBLIC	ASPHALT
Area (Sq. Ft.)	Lane Miles (11' Widths)	Curb Reveal (Inches)	Curb Recommendation
8,709	0.15	NOT APPLICABLE	NOT APPLICABLE
Curb Type		Curb & Gutter Type	
NO CURB		NO CURB AND GUTTER	
Pavement Recommendation		Condition Rating / PCR	
RECONSTRUCTION		POOR / 30	

Route Condition Legend – Pavement Condition Rating (PCR)

Poor (0 - 60)	Fair (61- 84)	Good (85 - 94)	Excellent (95 - 100)	Not Rated
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See Appendix for definitions and formulas



Death Valley National Park

ROUTE 0908: SIMS CIRCLE PARKING

Manual Rating

FROM ROUTE 0401 (OLD GHOST ROAD)

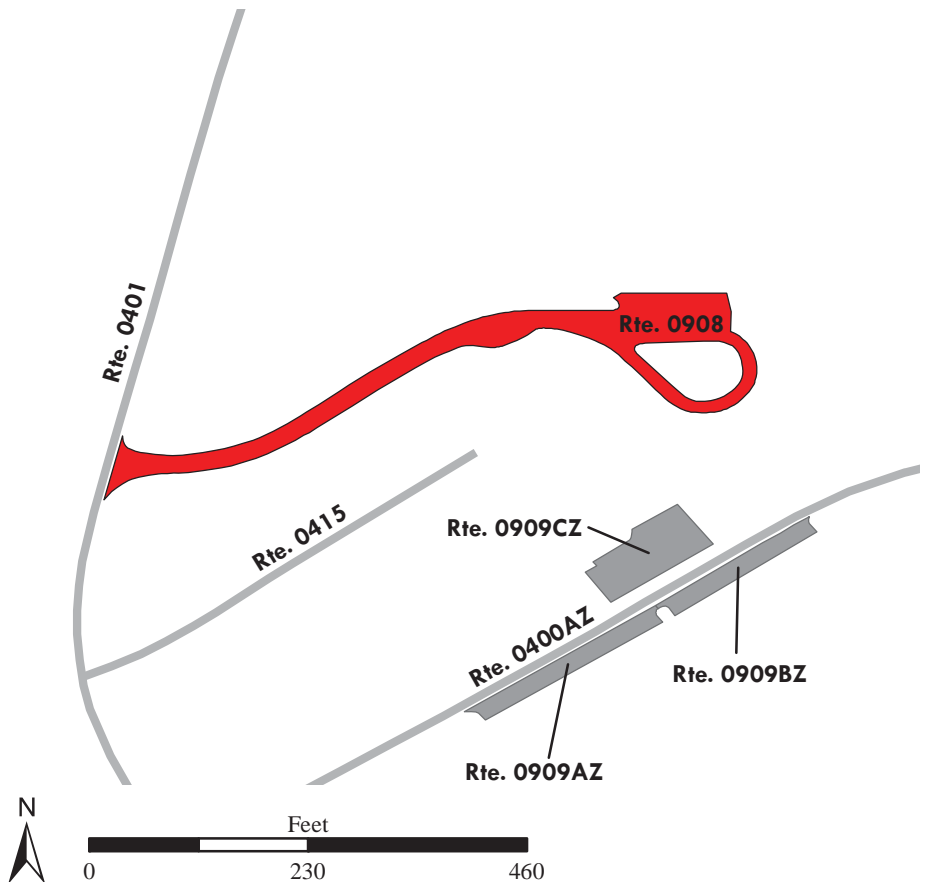
TO PARKING

Inspection Date	FMSS Number	User Access	Surface Type
3/10/2015	103952	PUBLIC	ASPHALT
Area (Sq. Ft.)	Lane Miles (11' Widths)	Curb Reveal (Inches)	Curb Recommendation
17,884	0.308	NOT APPLICABLE	DO NOTHING
Curb Type		Curb & Gutter Type	
NO CURB		CONCRETE	
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
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See Appendix for definitions and formulas



Death Valley National Park

ROUTE 0909ZZ: COW CREEK ADMINISTRATIVE PARKING LOTS

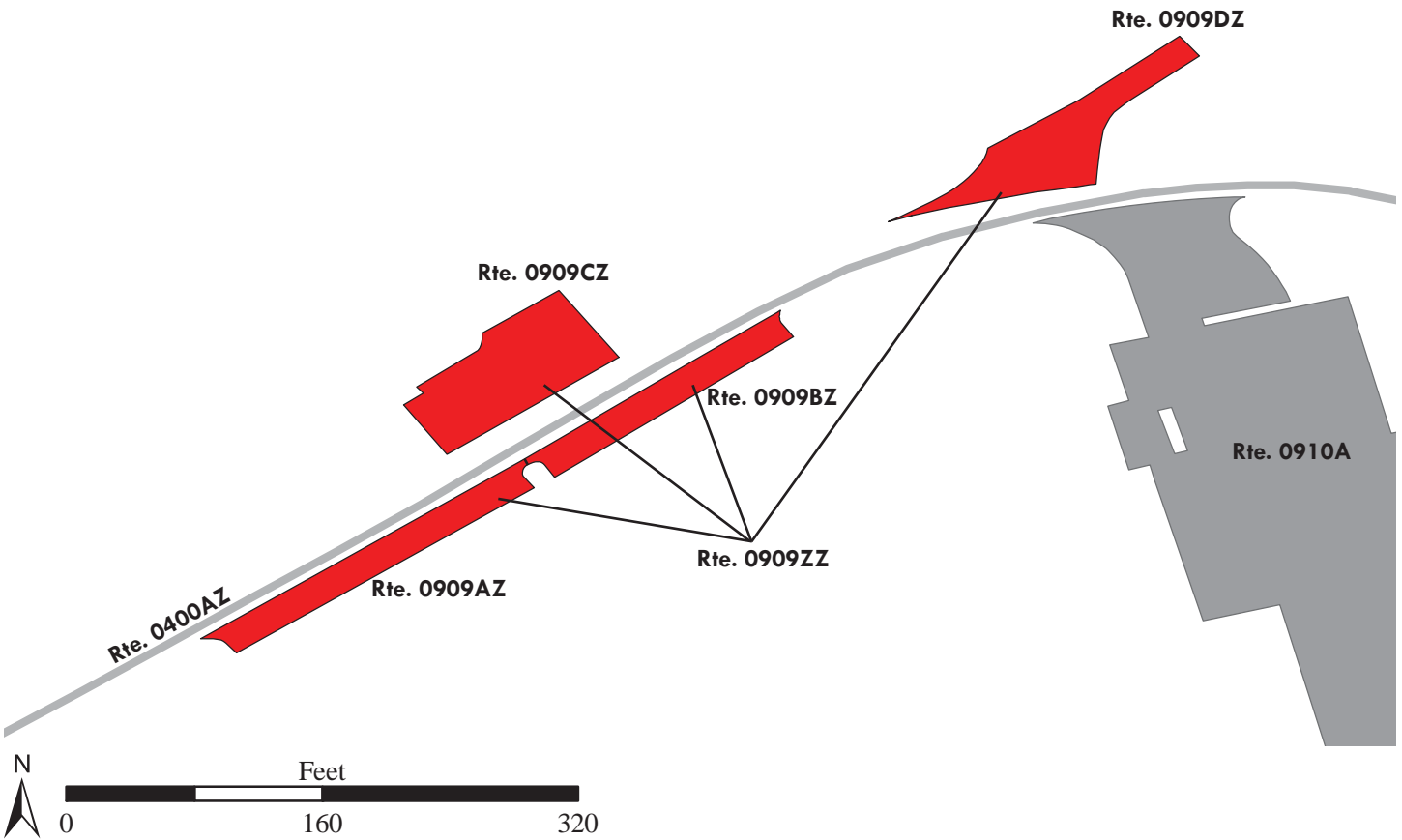
Summary Route
Manual Rating

ADJACENT TO ROUTE 0400ZZ (COW CREEK SERVICE ROADS)

Inspection Date	FMSS Number	User Access	Surface Type
3/10/2015	51498	PUBLIC	ASPHALT
Area (Sq. Ft.)	Lane Miles (11' Widths)	Condition Rating / PCR	
14,938	0.256	SUMMARY / 31	

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.



Death Valley National Park

ROUTE 0909AZ: COW CREEK ADMINISTRATIVE PARKING A

Subcomponent of Route DEVA-0909ZZ

Manual Rating

ADJACENT TO ROUTE 0400AZ (COW CREEK SERVICE ROAD) AT MP 0.31 ON RIGHT

Inspection Date	FMSS Number	User Access	Surface Type
3/10/2015	51498	PUBLIC	ASPHALT
Area (Sq. Ft.)	Lane Miles (11' Widths)	Curb Reveal (Inches)	Curb Recommendation
3,278	0.056	9	LIGHT REPAIR
Curb Type		Curb & Gutter Type	
STONE		NO CURB AND GUTTER	
Pavement Recommendation		Condition Rating / PCR	
RECONSTRUCTION		POOR / 30	

Route Condition Legend – Pavement Condition Rating (PCR)

Poor (0 - 60)

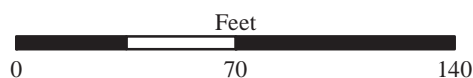
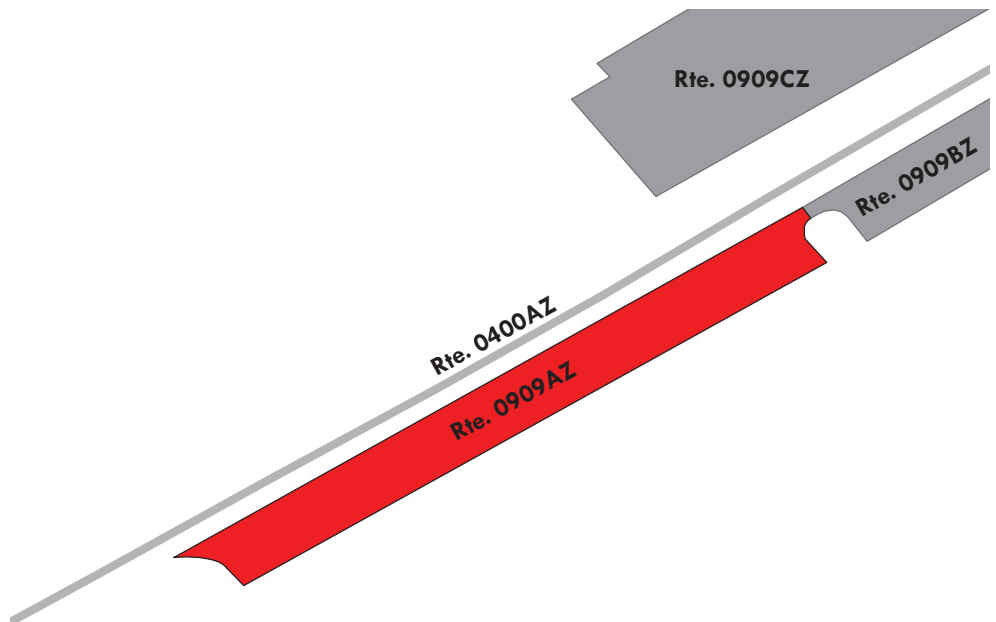
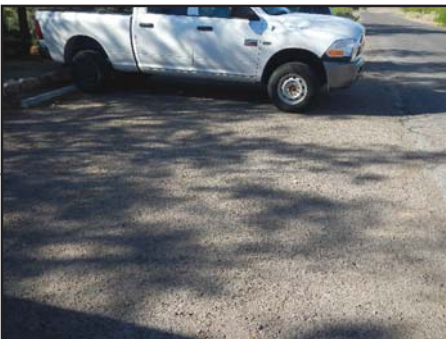
Fair (61- 84)

Good (85 - 94)

Excellent (95 - 100)

Not Rated

See Appendix for definitions and formulas



Death Valley National Park

ROUTE 0909BZ: COW CREEK ADMINISTRATIVE PARKING B

Subcomponent of Route DEVA-0909ZZ

Manual Rating

ADJACENT TO ROUTE 0400AZ (COW CREEK SERVICE ROAD) AT MP 0.35 ON RIGHT

Inspection Date	FMSS Number	User Access	Surface Type
3/10/2015	51498	PUBLIC	ASPHALT
Area (Sq. Ft.)	Lane Miles (11' Widths)	Curb Reveal (Inches)	Curb Recommendation
2,698	0.046	6	LIGHT REPAIR
Curb Type		Curb & Gutter Type	
STONE		NO CURB AND GUTTER	
Pavement Recommendation		Condition Rating / PCR	
RECONSTRUCTION		POOR / 0	

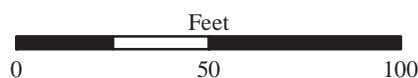
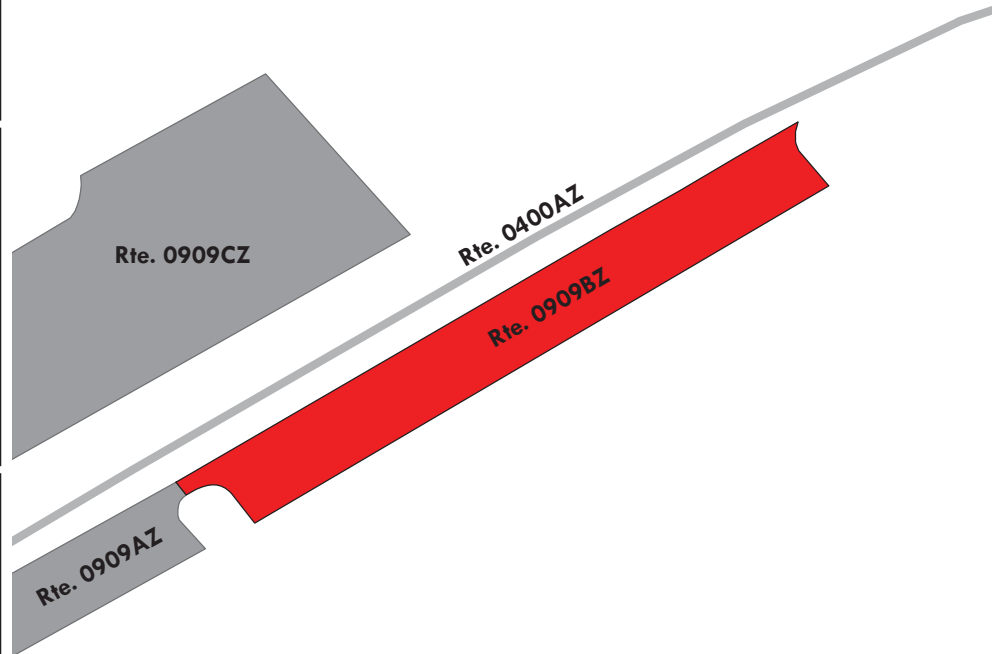
Route Condition Legend – Pavement Condition Rating (PCR)

Poor (0 - 60)	Fair (61- 84)	Good (85 - 94)	Excellent (95 - 100)	Not Rated
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See Appendix for definitions and formulas



Note: This parking area is in very poor condition and appears to be unpaved.



Death Valley National Park

ROUTE 0909CZ: COW CREEK ADMINISTRATIVE PARKING C

Subcomponent of Route DEVA-0909ZZ

Manual Rating

ADJACENT TO ROUTE 0400AZ (COW CREEK SERVICE ROAD) AT MP 0.34 ON LEFT

Inspection Date	FMSS Number	User Access	Surface Type
3/10/2015	51498	PUBLIC	ASPHALT
Area (Sq. Ft.)	Lane Miles (11' Widths)	Curb Reveal (Inches)	Curb Recommendation
4,964	0.085	NOT APPLICABLE	NOT APPLICABLE
Curb Type		Curb & Gutter Type	
NO CURB		NO CURB AND GUTTER	
Pavement Recommendation		Condition Rating / PCR	
RECONSTRUCTION		POOR / 30	

Route Condition Legend – Pavement Condition Rating (PCR)

Poor (0 - 60)

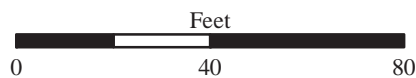
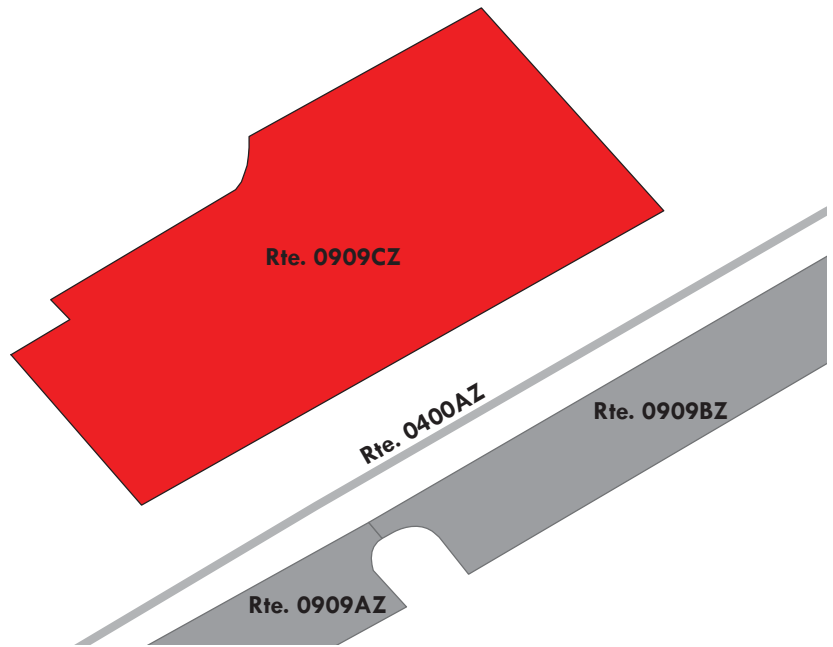
Fair (61- 84)

Good (85 - 94)

Excellent (95 - 100)

Not Rated

See Appendix for definitions and formulas



Death Valley National Park

ROUTE 0909DZ: COW CREEK ADMINISTRATIVE PARKING D

Subcomponent of Route DEVA-0909ZZ

Manual Rating

ADJACENT TO ROUTE 0400AZ (COW CREEK SERVICE ROAD) AT MP 0.39 ON LEFT

Inspection Date	FMSS Number	User Access	Surface Type
3/10/2015	51498	PUBLIC	ASPHALT
Area (Sq. Ft.)	Lane Miles (11' Widths)	Curb Reveal (Inches)	Curb Recommendation
3,998	0.069	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)

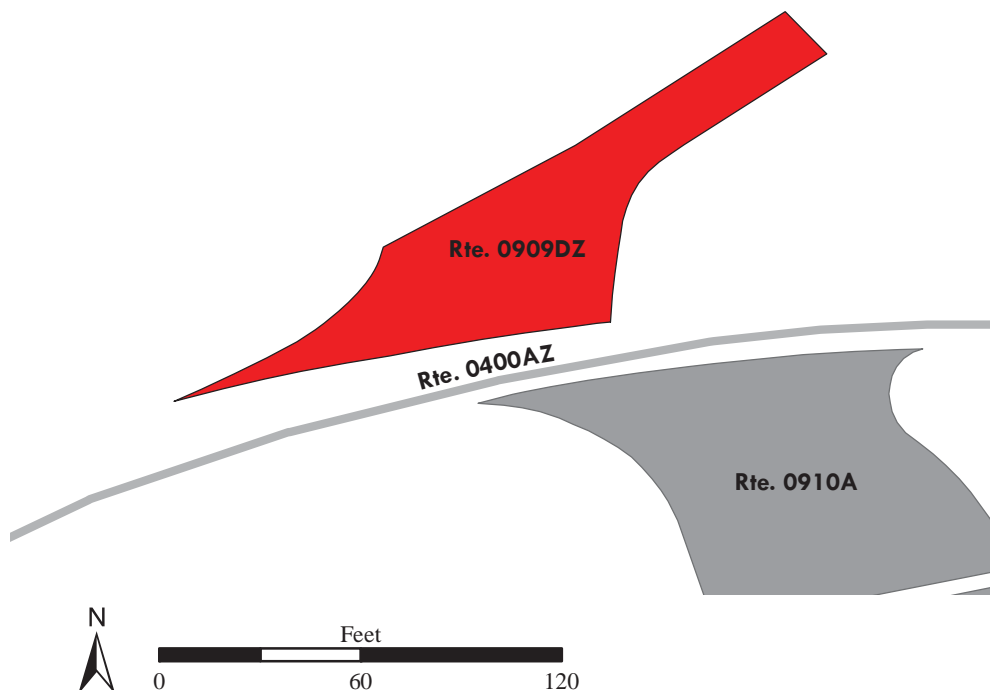
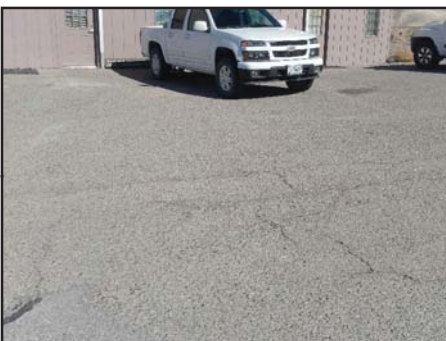
Fair (61- 84)

Good (85 - 94)

Excellent (95 - 100)

Not Rated

See Appendix for definitions and formulas



Death Valley National Park

ROUTE 0910A: COW CREEK MAINTENANCE YARD PARKING

Manual Rating

FROM ROUTE 0400ZZ (COW CREEK SERVICE ROADS)

TO ROUTE 0400ZZ (COW CREEK SERVICE ROADS)

Inspection Date	FMSS Number	User Access	Surface Type
3/10/2015	102628	PUBLIC	ASPHALT
Area (Sq. Ft.)	Lane Miles (11' Widths)	Curb Reveal (Inches)	Curb Recommendation
63,182	1.088	5	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)

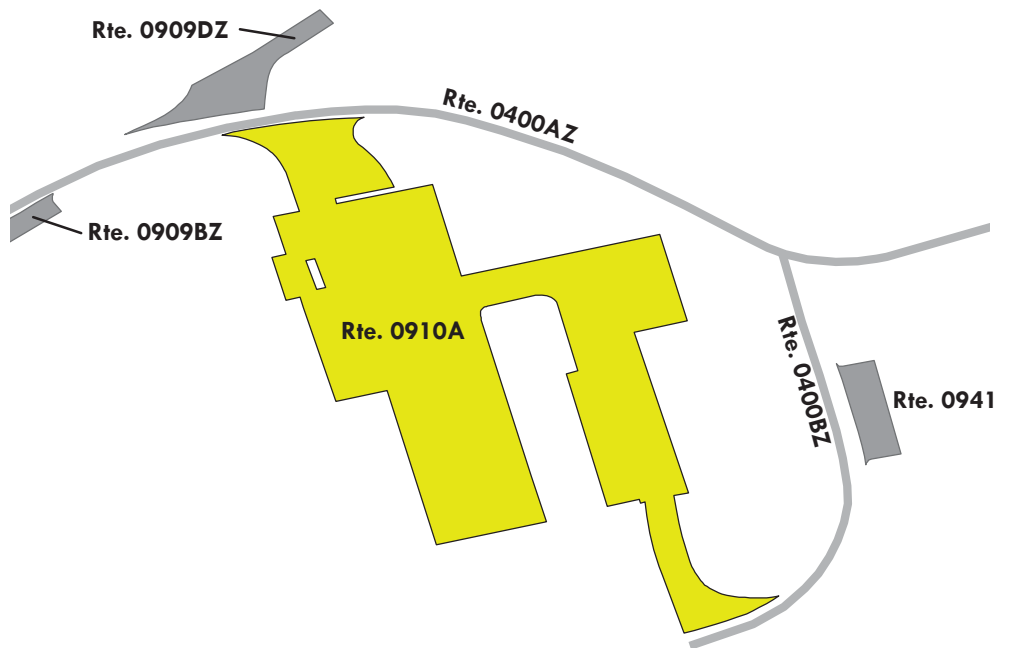
Good (85 - 94)

Excellent (95 - 100)

Not Rated

See Appendix for definitions and formulas

Parking area consists of multiple surface types: 1 part Asphalt at 58,355 square feet; 2 parts Concrete at 4,827 square feet. The concrete sections are in excellent condition.



Death Valley National Park

ROUTE 0911: FIRE RESERVOIR PARKING

Manual Rating

FROM ROUTE 0400ZZ (COW CREEK SERVICE ROADS)

TO PARKING

Inspection Date	FMSS Number	User Access	Surface Type
3/10/2015	103950	NONPUBLIC	ASPHALT
Area (Sq. Ft.)	Lane Miles (11' Widths)	Curb Reveal (Inches)	Curb Recommendation
4,156	0.072	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)

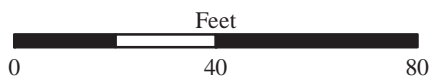
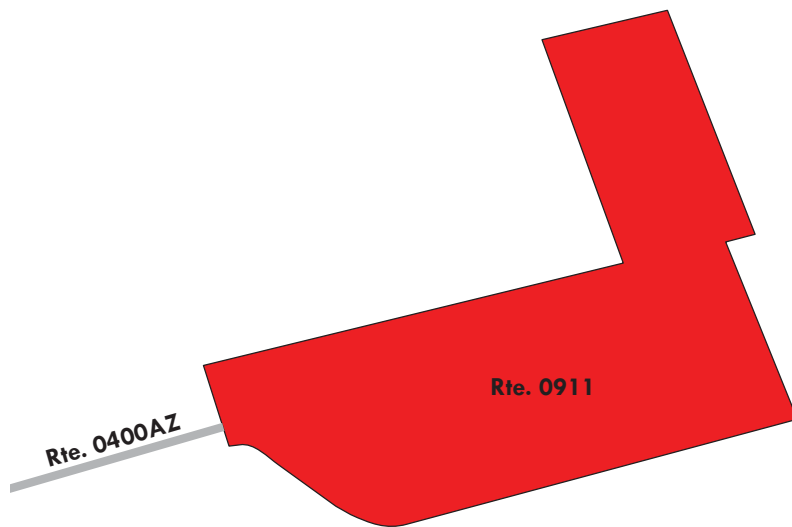
Fair (61- 84)

Good (85 - 94)

Excellent (95 - 100)

Not Rated

See Appendix for definitions and formulas



Death Valley National Park

ROUTE 0912: FURNACE CREEK ADMINISTRATIVE PARKING

Manual Rating

FROM ROUTE 5001 (CA-190 / DEATH VALLEY SCENIC BYWAY) AT MM 110.26

TO ROUTE 5001 (CA-190 / DEATH VALLEY SCENIC BYWAY) AT MM 110.33

Inspection Date	FMSS Number	User Access	Surface Type
3/11/2015	51499	NONPUBLIC	ASPHALT
Area (Sq. Ft.)	Lane Miles (11' Widths)	Curb Reveal (Inches)	Curb Recommendation
27,375	0.471	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)

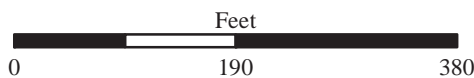
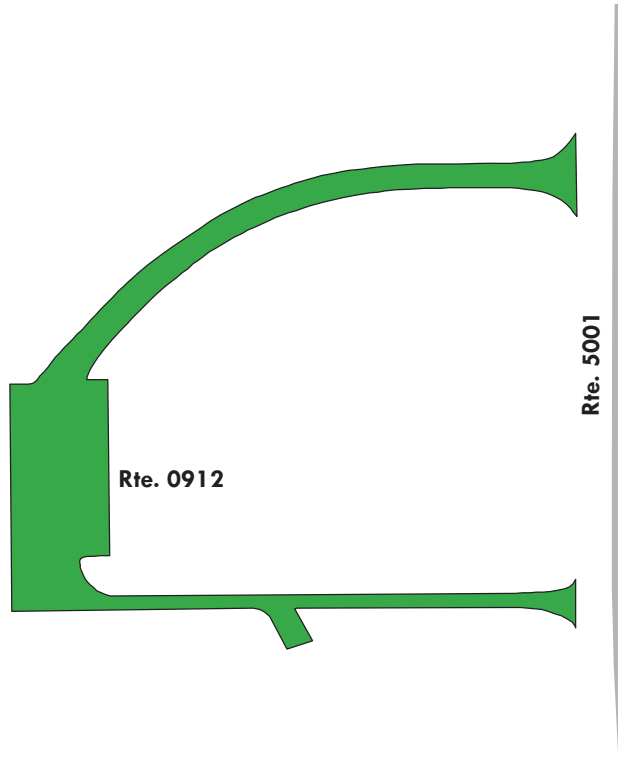
Excellent (95 - 100)

Not Rated

See Appendix for definitions and formulas



Parking area consists of multiple surface types: 1 part Asphalt at 26,803 square feet; 1 part Concrete at 572 square feet.



Death Valley National Park

ROUTE 0913: FURNACE CREEK VISITOR CENTER PARKING

Manual Rating

FROM ROUTE 0202 (FURNACE CREEK AIRPORT ROAD)

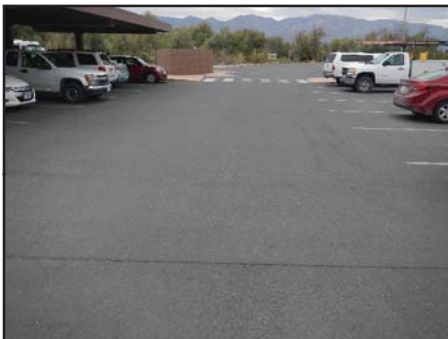
TO PARKING

Inspection Date	FMSS Number	User Access	Surface Type
3/11/2015	51675	PUBLIC	ASPHALT
Area (Sq. Ft.)	Lane Miles (11' Widths)	Curb Reveal (Inches)	Curb Recommendation
54,221	0.934	5	DO NOTHING
Curb Type		Curb & Gutter Type	
CONCRETE		CONCRETE	
Pavement Recommendation		Condition Rating / PCR	
PREVENTIVE MAINTENANCE		GOOD / 90	

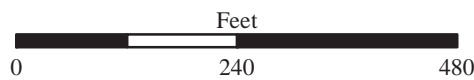
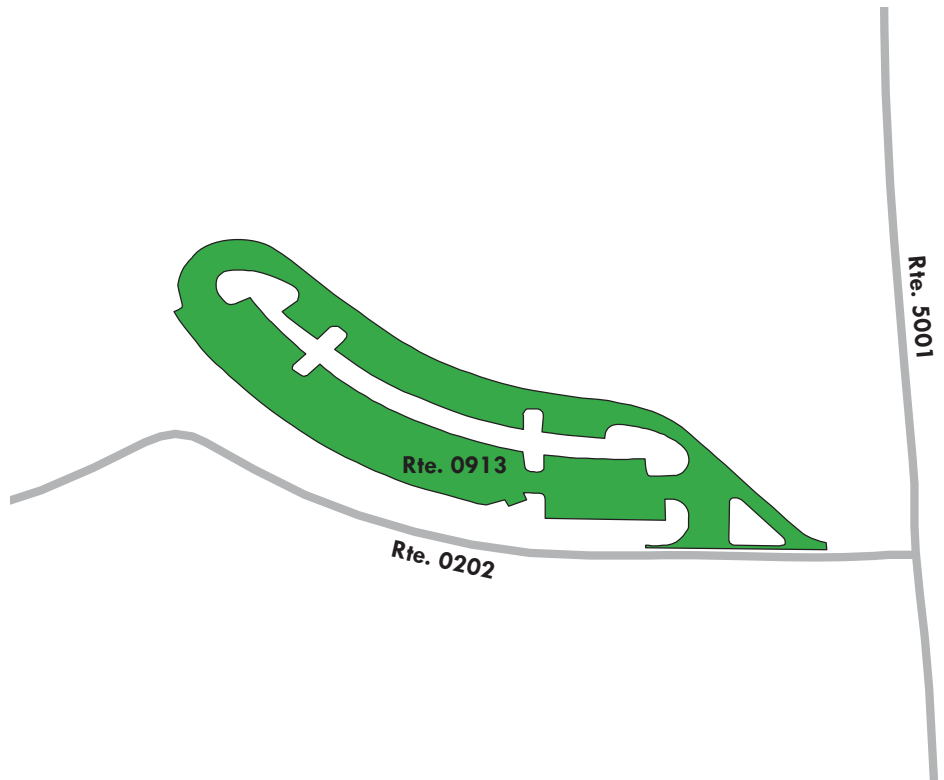
Route Condition Legend – Pavement Condition Rating (PCR)

Poor (0 - 60)	Fair (61- 84)	Good (85 - 94)	Excellent (95 - 100)	Not Rated
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See Appendix for definitions and formulas



Parking area consists of multiple surface types: 1 part Asphalt at 53,576 square feet; 1 part Concrete at 645 square feet.



Death Valley National Park

ROUTE 0915: GOLDEN CANYON PARKING AREA

Manual Rating

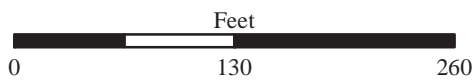
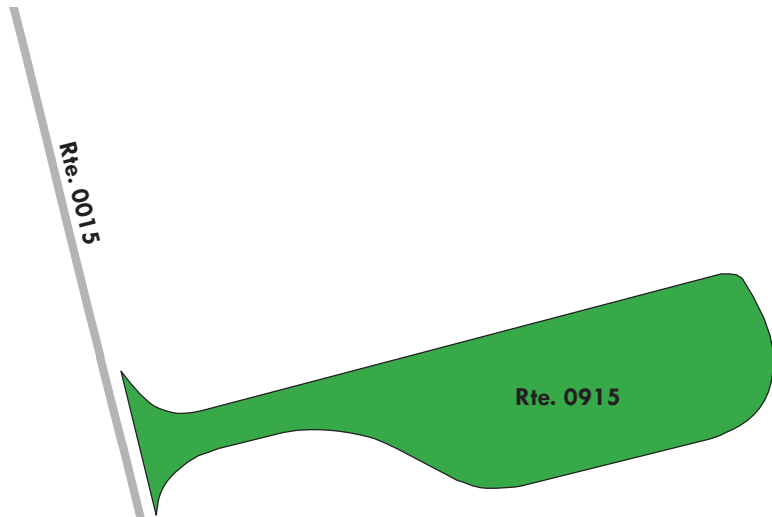
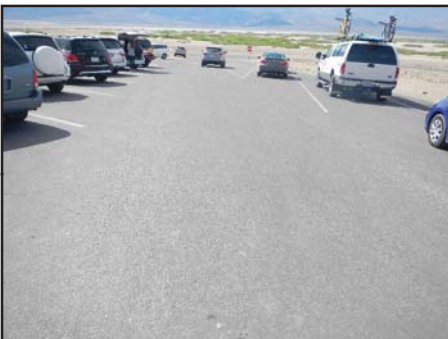
FROM ROUTE 0015 (BADWATER ROAD) AT MP 2.03
TO PARKING

Inspection Date	FMSS Number	User Access	Surface Type
3/10/2015	102629	PUBLIC	ASPHALT
Area (Sq. Ft.)	Lane Miles (11' Widths)	Curb Reveal (Inches)	Curb Recommendation
19,592	0.337	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
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See Appendix for definitions and formulas



Death Valley National Park

ROUTE 0917: BADWATER PARKING AREA

Manual Rating

FROM ROUTE 0015 (BADWATER ROAD) AT MP 16.56

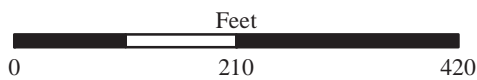
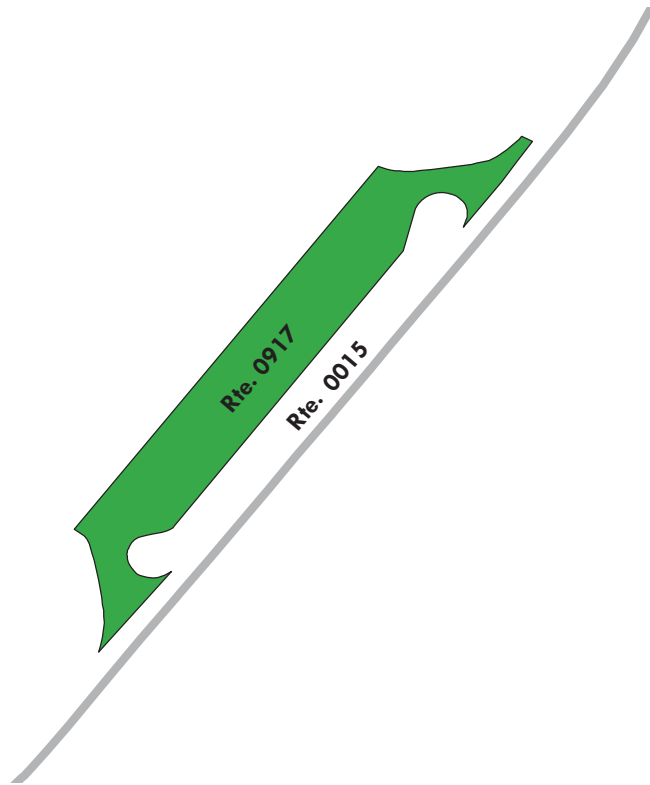
TO ROUTE 0015 (BADWATER ROAD) AT MP 16.65

Inspection Date	FMSS Number	User Access	Surface Type
3/10/2015	102630	PUBLIC	ASPHALT
Area (Sq. Ft.)	Lane Miles (11' Widths)	Curb Reveal (Inches)	Curb Recommendation
29,239	0.503	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
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See Appendix for definitions and formulas



Death Valley National Park

ROUTE 0918: ZABRISKIE POINT PARKING

Manual Rating

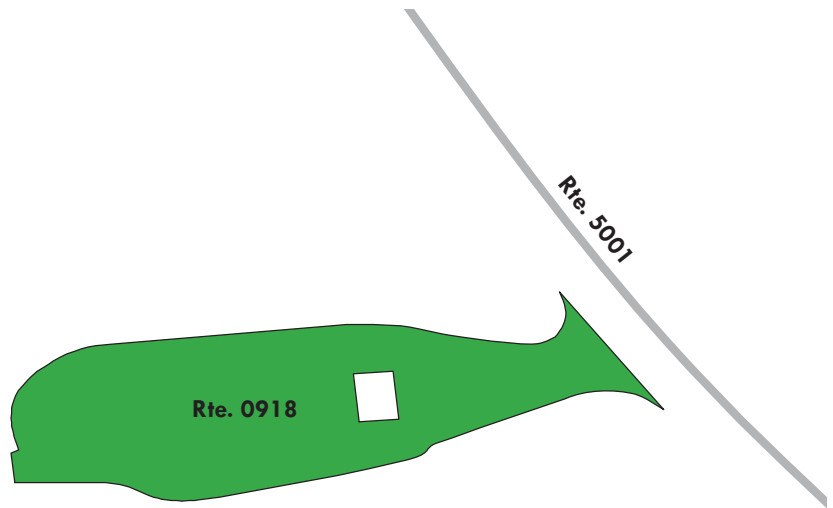
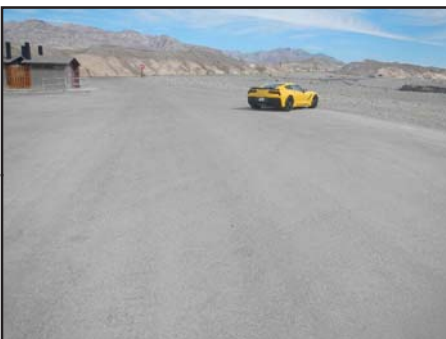
FROM ROUTE 5001 (CA-190 / DEATH VALLEY SCENIC BYWAY) AT MM 115.36
TO PARKING

Inspection Date	FMSS Number	User Access	Surface Type
3/10/2015	65516	PUBLIC	ASPHALT
Area (Sq. Ft.)	Lane Miles (11' Widths)	Curb Reveal (Inches)	Curb Recommendation
36,154	0.622	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
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See Appendix for definitions and formulas



Death Valley National Park

ROUTE 0919: DANTE'S VIEW TRAILER PARKING

Manual Rating

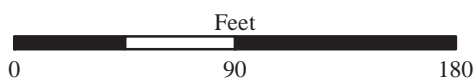
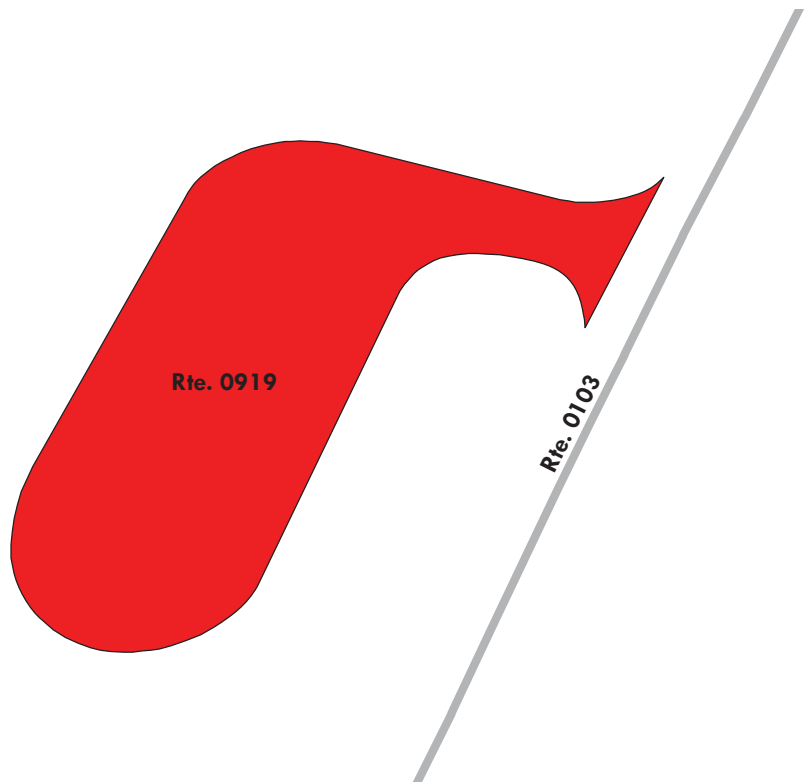
FROM ROUTE 0103 (DANTE'S VIEW ROAD) AT MP 7.58
TO PARKING

Inspection Date	FMSS Number	User Access	Surface Type
3/10/2015	51506	PUBLIC	ASPHALT
Area (Sq. Ft.)	Lane Miles (11' Widths)	Curb Reveal (Inches)	Curb Recommendation
19,238	0.331	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
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See Appendix for definitions and formulas



Death Valley National Park

ROUTE 0920: DANTE'S VIEW PARKING AREA

Manual Rating

FROM END OF ROUTE 0103 (DANTE'S VIEW ROAD) AT MP 13.26

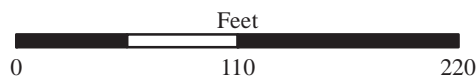
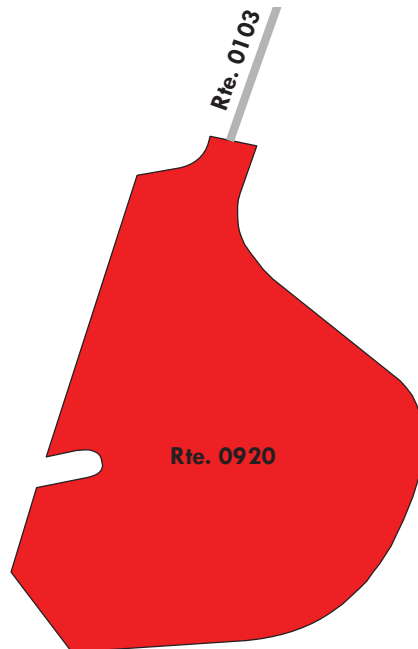
TO PARKING

Inspection Date	FMSS Number	User Access	Surface Type
3/10/2015	51505	PUBLIC	ASPHALT
Area (Sq. Ft.)	Lane Miles (11' Widths)	Curb Reveal (Inches)	Curb Recommendation
26,093	0.449	NOT APPLICABLE	DO NOTHING
Curb Type		Curb & Gutter Type	
NO CURB		CONCRETE	
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
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See Appendix for definitions and formulas



Death Valley National Park

ROUTE 0926: DANTE'S VIEW REST AREA PARKING

Manual Rating

FROM ROUTE 0103 (DANTE'S VIEW ROAD) AT MP 12.72

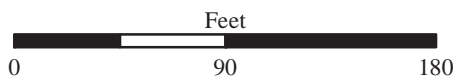
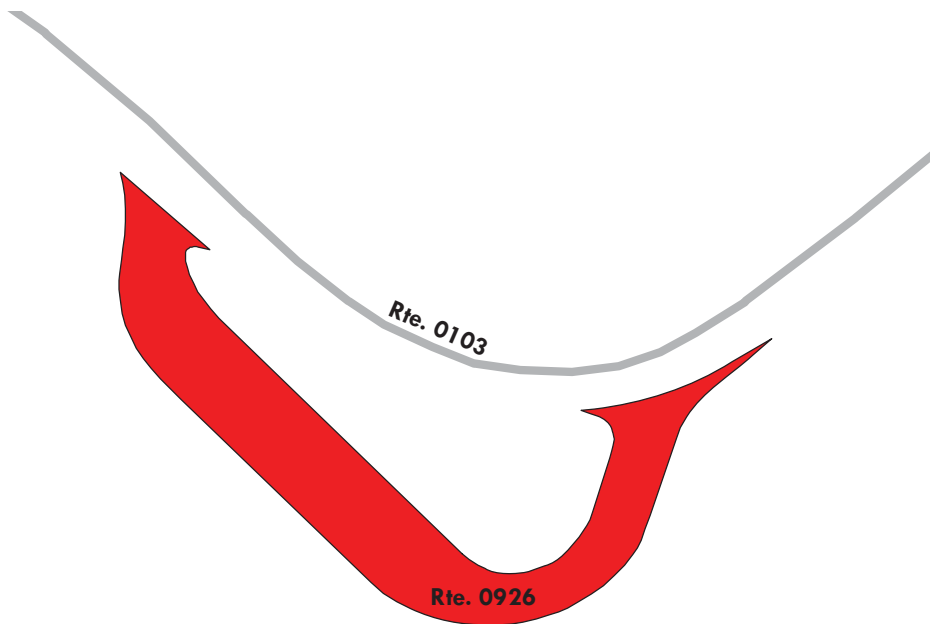
TO ROUTE 0103 (DANTE'S VIEW ROAD) AT MP 12.75

Inspection Date	FMSS Number	User Access	Surface Type
3/10/2015	51504	PUBLIC	ASPHALT
Area (Sq. Ft.)	Lane Miles (11' Widths)	Curb Reveal (Inches)	Curb Recommendation
8,919	0.154	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
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See Appendix for definitions and formulas



Death Valley National Park

ROUTE 0927: ARTIST PALETTE PARKING AREA

Manual Rating

FROM ROUTE 0500 (ARTISTS DRIVE) AT MP 4.37

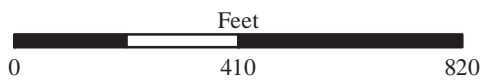
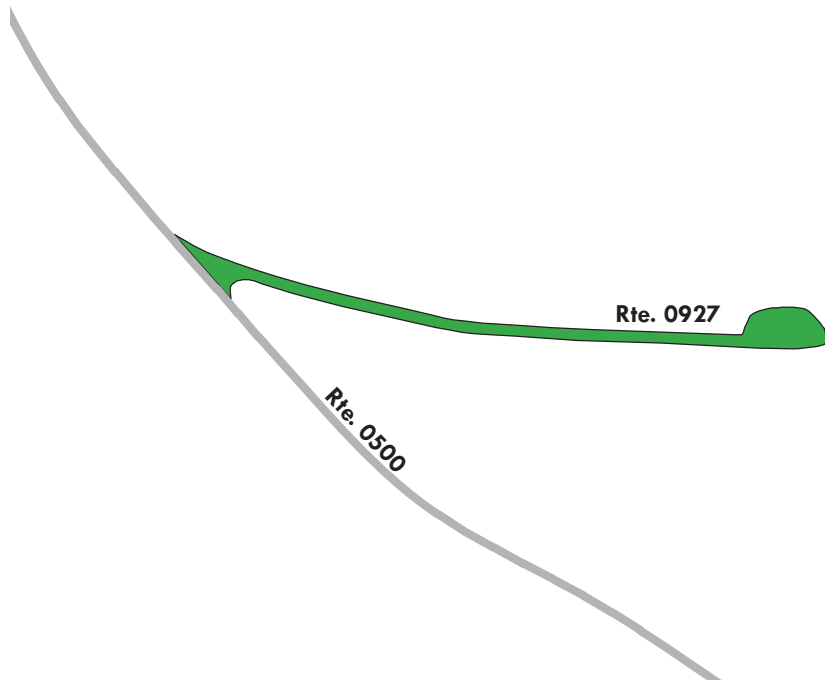
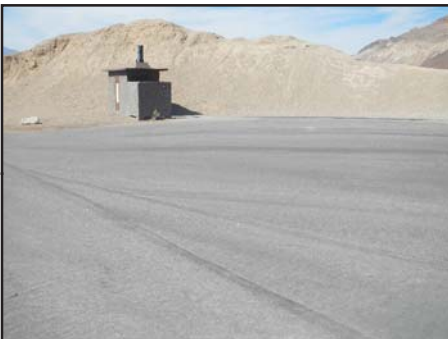
TO PARKING

Inspection Date	FMSS Number	User Access	Surface Type
3/10/2015	102632	PUBLIC	ASPHALT
Area (Sq. Ft.)	Lane Miles (11' Widths)	Curb Reveal (Inches)	Curb Recommendation
26,549	0.457	3	DO NOTHING
Curb Type		Curb & Gutter Type	
ASPHALT		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
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See Appendix for definitions and formulas



Death Valley National Park

ROUTE 0928: GRAPEVINE MAINTENANCE AREA PARKING

Manual Rating

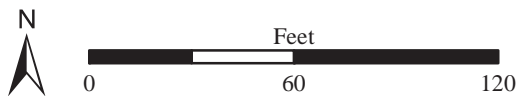
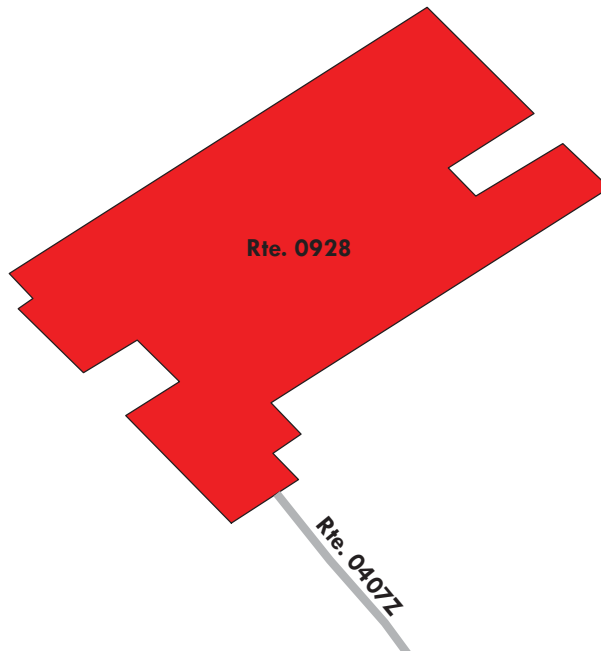
FROM END OF ROUTE 0407ZZ (GRAPEVINE SERVICE AND RESIDENCE ROADS)
TO PARKING

Inspection Date	FMSS Number	User Access	Surface Type
3/11/2015	59189	NONPUBLIC	ASPHALT
Area (Sq. Ft.)	Lane Miles (11' Widths)	Curb Reveal (Inches)	Curb Recommendation
8,817	0.152	5	DO NOTHING
Curb Type		Curb & Gutter Type	
CONCRETE		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
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See Appendix for definitions and formulas



Death Valley National Park

ROUTE 0929: GRAPEVINE RANGER STATION PARKING AREA

Manual Rating

FROM ROUTE 0011 (SCOTTY'S CASTLE ROAD / BONNIE CLAIRE) AT MP 33.20

TO ROUTE 0011 (SCOTTY'S CASTLE ROAD / BONNIE CLAIRE) AT MP 33.25

Inspection Date	FMSS Number	User Access	Surface Type
3/11/2015	102640	PUBLIC	ASPHALT
Area (Sq. Ft.)	Lane Miles (11' Widths)	Curb Reveal (Inches)	Curb Recommendation
15,336	0.264	6	DO NOTHING
Curb Type		Curb & Gutter Type	
CONCRETE		CONCRETE	
Pavement Recommendation		Condition Rating / PCR	
DO NOTHING		EXCELLENT / 97	

Route Condition Legend – Pavement Condition Rating (PCR)

Poor (0 - 60)

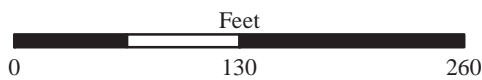
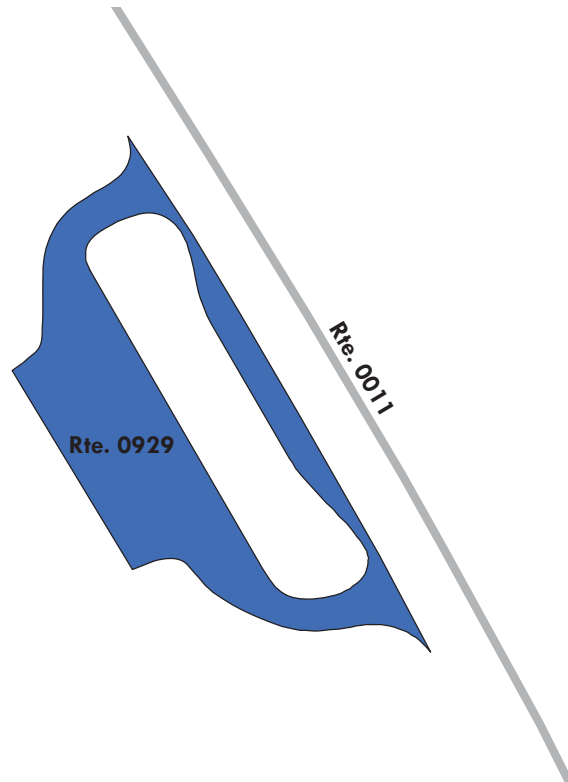
Fair (61- 84)

Good (85 - 94)

Excellent (95 - 100)

Not Rated

See Appendix for definitions and formulas



Death Valley National Park

ROUTE 0930: FURNACE CREEK AIRSTRIP PARKING

Manual Rating

FROM END OF ROUTE 0202 (FURNACE CREEK AIRPORT ROAD)

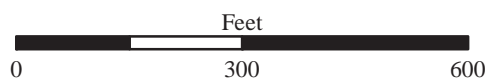
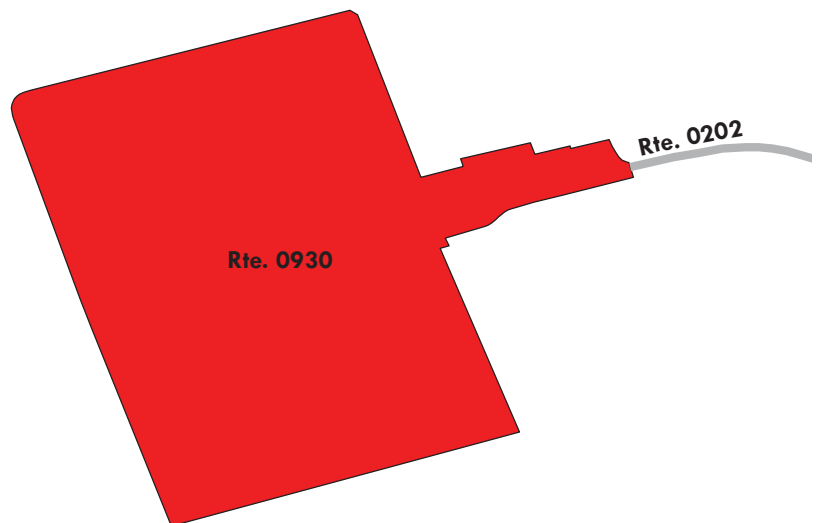
TO PARKING

Inspection Date	FMSS Number	User Access	Surface Type
3/11/2015	60260	PUBLIC	ASPHALT
Area (Sq. Ft.)	Lane Miles (11' Widths)	Curb Reveal (Inches)	Curb Recommendation
247,869	4.268	NOT APPLICABLE	NOT APPLICABLE
Curb Type		Curb & Gutter Type	
NO CURB		NO CURB AND GUTTER	
Pavement Recommendation		Condition Rating / PCR	
RECONSTRUCTION		POOR / 30	

Route Condition Legend – Pavement Condition Rating (PCR)

Poor (0 - 60)	Fair (61- 84)	Good (85 - 94)	Excellent (95 - 100)	Not Rated
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See Appendix for definitions and formulas



Death Valley National Park

ROUTE 0931: HARMONY BORAX WORKS PARKING

Manual Rating

FROM ROUTE 0501 (HARMONY BORAX WORKS ROAD) AT MP 0.19

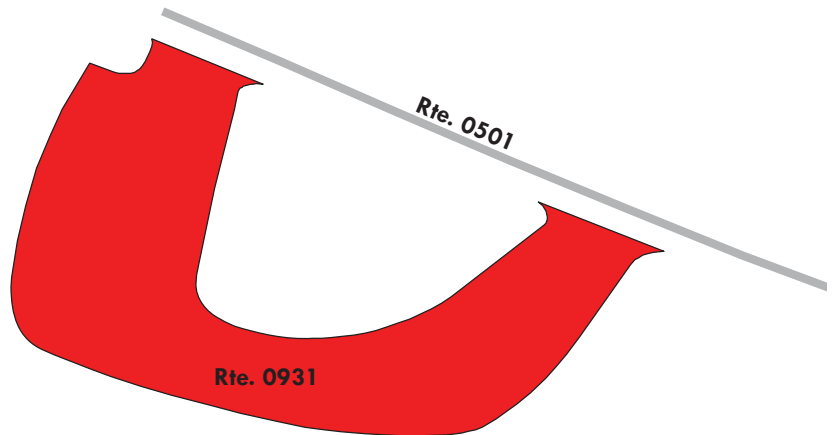
TO ROUTE 0501 (HARMONY BORAX WORKS ROAD) AT MP 0.22

Inspection Date	FMSS Number	User Access	Surface Type
3/10/2015	60891	PUBLIC	ASPHALT
Area (Sq. Ft.)	Lane Miles (11' Widths)	Curb Reveal (Inches)	Curb Recommendation
20,721	0.357	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
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See Appendix for definitions and formulas



Death Valley National Park

ROUTE 0932: MUD CANYON MUSHROOM PARKING AREA

Manual Rating

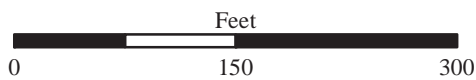
ADJACENT TO ROUTE 0011 (SCOTTY'S CASTLE ROAD / BONNIE CLAIRE) AT MP 0.75

Inspection Date	FMSS Number	User Access	Surface Type
3/11/2015	102641	PUBLIC	ASPHALT
Area (Sq. Ft.)	Lane Miles (11' Widths)	Curb Reveal (Inches)	Curb Recommendation
19,710	0.339	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
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See Appendix for definitions and formulas



Death Valley National Park

ROUTE 0933: STOVEPIPE WELLS RANGER STATION PARKING

Manual Rating

FROM ROUTE 5001 (CA-190 / DEATH VALLEY SCENIC BYWAY) AT MM 86.13

TO PARKING

Inspection Date	FMSS Number	User Access	Surface Type
3/11/2015	102646	PUBLIC	ASPHALT
Area (Sq. Ft.)	Lane Miles (11' Widths)	Curb Reveal (Inches)	Curb Recommendation
6,810	0.117	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



Death Valley National Park

ROUTE 0934: RYAN KIOSK PULLOUT

Manual Rating

FROM ROUTE 5001 (CA-190 / DEATH VALLEY SCENIC BYWAY) AT MM 122.90

TO ROUTE 5001 (CA-190 / DEATH VALLEY SCENIC BYWAY) AT MM 122.85

Inspection Date	FMSS Number	User Access	Surface Type
3/10/2015	51689	PUBLIC	ASPHALT
Area (Sq. Ft.)	Lane Miles (11' Widths)	Curb Reveal (Inches)	Curb Recommendation
12,916	0.222	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)

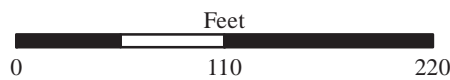
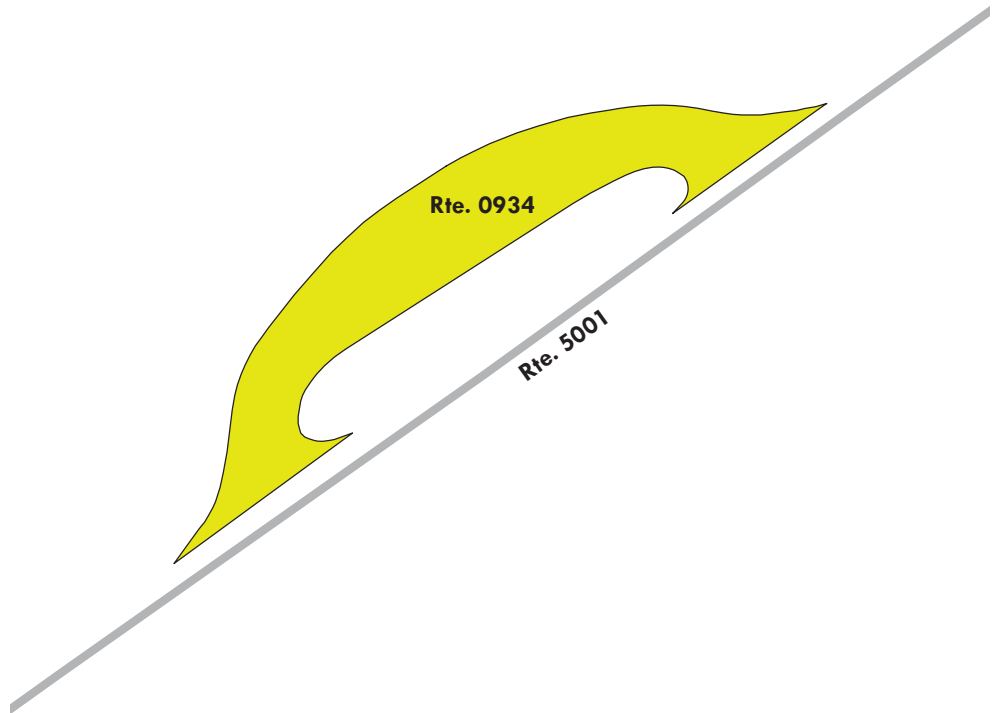
Fair (61- 84)

Good (85 - 94)

Excellent (95 - 100)

Not Rated

See Appendix for definitions and formulas



Death Valley National Park

ROUTE 0935: TEXAS SPRINGS DUMP STATION PULLOUT

Manual Rating

FROM ROUTE 0204A (TEXAS SPRING / SUNSET CAMPGROUND ACCESS ROAD) AT MP 0.52

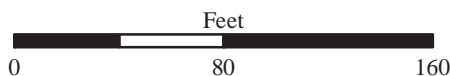
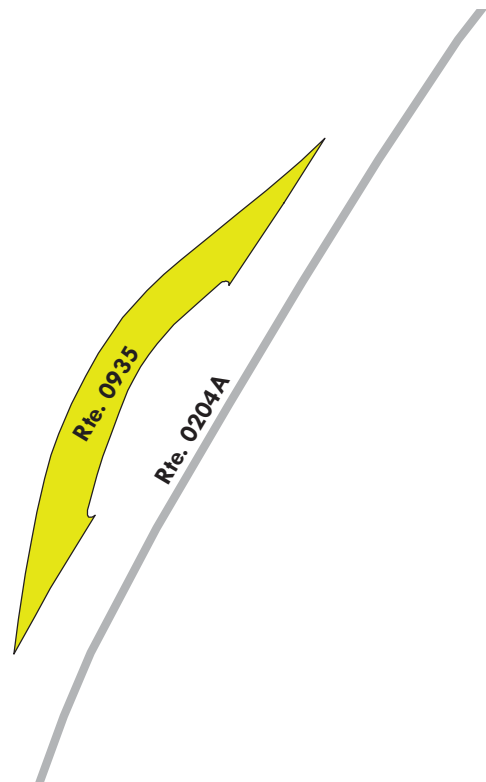
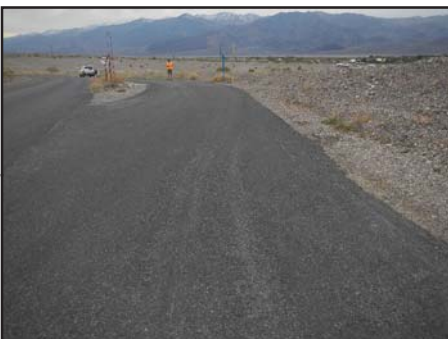
TO ROUTE 0204A (TEXAS SPRING / SUNSET CAMPGROUND ACCESS ROAD) AT MP 0.55

Inspection Date	FMSS Number	User Access	Surface Type
3/11/2015	102644	PUBLIC	ASPHALT
Area (Sq. Ft.)	Lane Miles (11' Widths)	Curb Reveal (Inches)	Curb Recommendation
2,568	0.044	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
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See Appendix for definitions and formulas



Death Valley National Park

ROUTE 0936: FURNACE CREEK DUMP STATION PULLOUT

Manual Rating

FROM ROUTE 5001 (CA-190 / DEATH VALLEY SCENIC BYWAY) AT MM 110.52

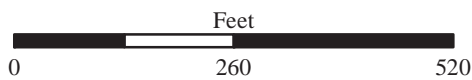
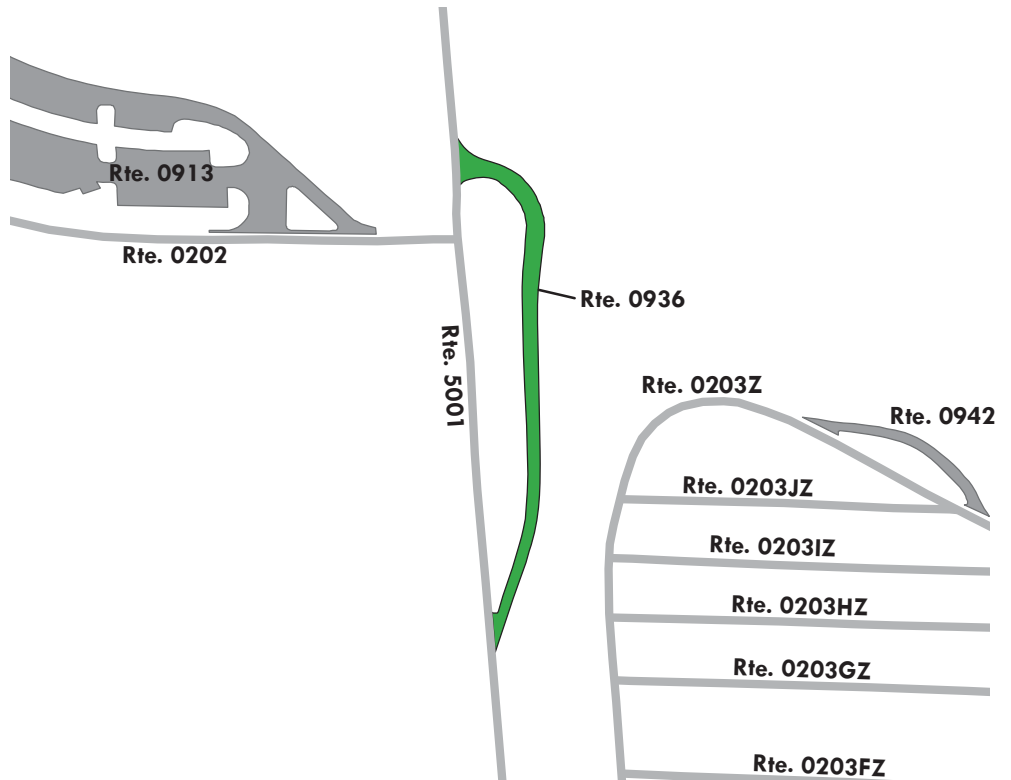
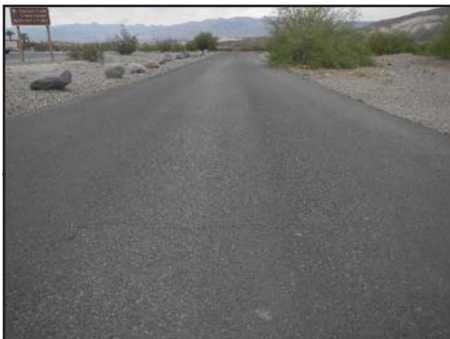
TO ROUTE 5001 (CA-190 / DEATH VALLEY SCENIC BYWAY) AT MM 110.42

Inspection Date	FMSS Number	User Access	Surface Type
3/11/2015	102645	PUBLIC	ASPHALT
Area (Sq. Ft.)	Lane Miles (11' Widths)	Curb Reveal (Inches)	Curb Recommendation
8,757	0.151	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
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See Appendix for definitions and formulas



Death Valley National Park

ROUTE 0937: BEATTY ENTRANCE PARKING

Manual Rating

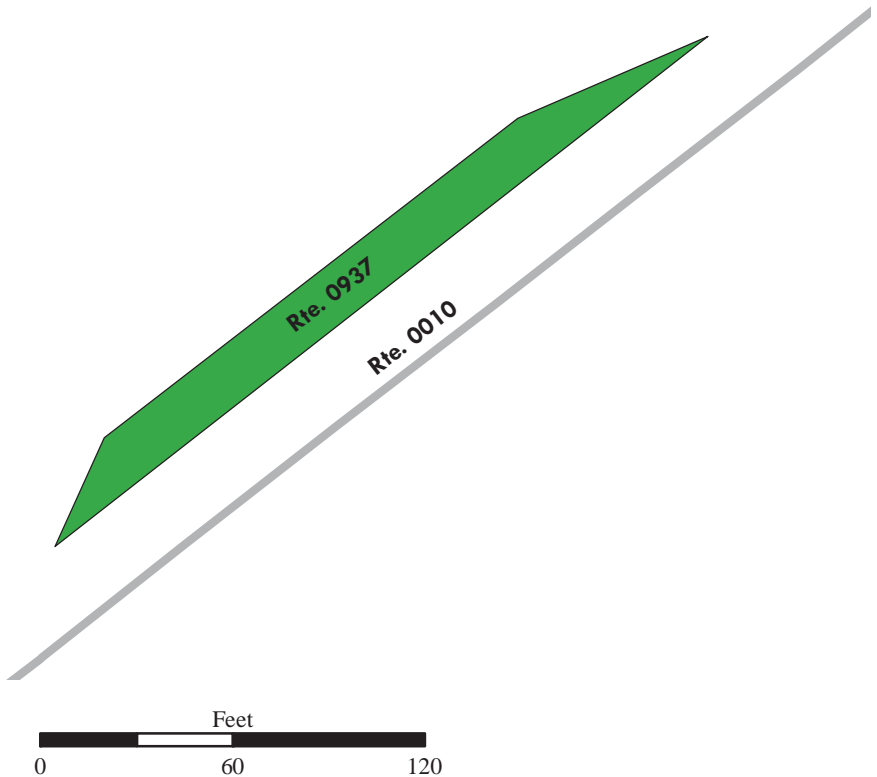
ADJACENT TO ROUTE 0010 (DAYLIGHT PASS / MUD CANYON ROAD) AT MP 17.29

Inspection Date	FMSS Number	User Access	Surface Type
3/11/2015	112451	PUBLIC	ASPHALT
Area (Sq. Ft.)	Lane Miles (11' Widths)	Curb Reveal (Inches)	Curb Recommendation
2,838	0.049	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
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See Appendix for definitions and formulas



Death Valley National Park

ROUTE 0938: HELL'S GATE DAY USE PARKING

Manual Rating

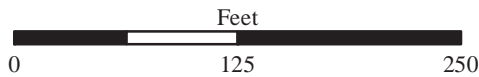
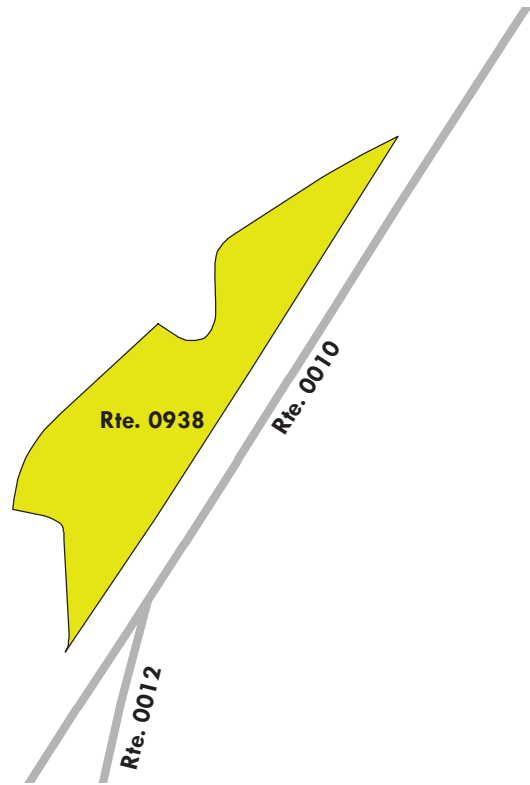
ADJACENT TO ROUTE 0010 (DAYLIGHT PASS / MUD CANYON ROAD) AT MP 6.79

Inspection Date	FMSS Number	User Access	Surface Type
3/11/2015	112452	PUBLIC	ASPHALT
Area (Sq. Ft.)	Lane Miles (11' Widths)	Curb Reveal (Inches)	Curb Recommendation
12,192	0.21	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
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See Appendix for definitions and formulas



Death Valley National Park

ROUTE 0939ZZ: STOVEPIPE WELLS VILLAGE PARKING LOTS

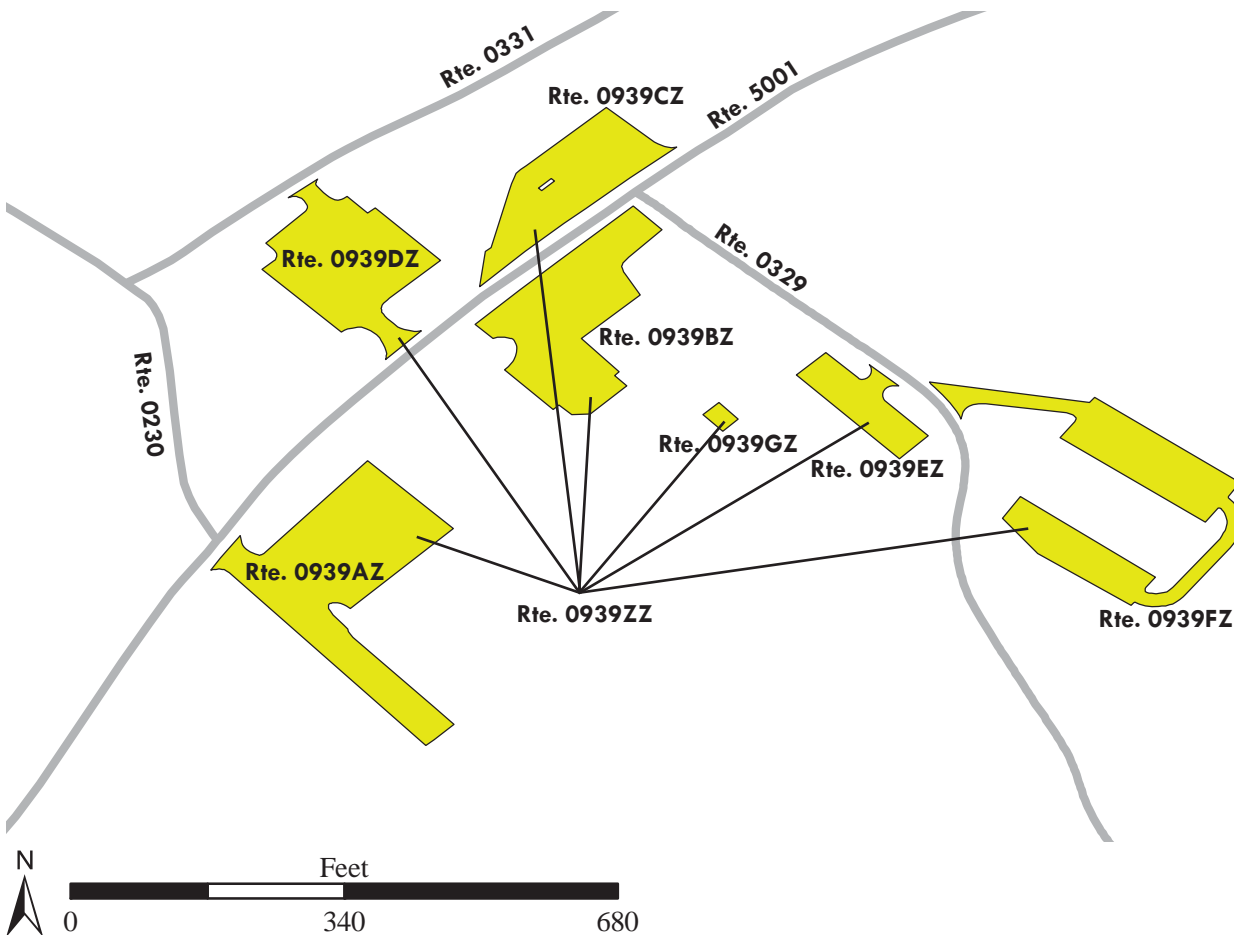
Summary Route
Manual Rating

FROM ROUTE 5001 (CA-190 / DEATH VALLEY SCENIC BYWAY) AT MM 86.00
AND ROUTE 0329 (STOVEPIPE WELLS HOUSING ROAD)

TO PARKING

Inspection Date	FMSS Number	User Access	Surface Type	
3/12/2015	112450	PUBLIC	ASPHALT	
Area (Sq. Ft.)	Lane Miles (11' Widths)	Condition Rating / PCR		
116,136	1.999	SUMMARY / 72		
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.



Death Valley National Park

ROUTE 0939AZ: STOVEPIPE WELLS VILLAGE HOTEL PARKING

Subcomponent of Route DEVA-0939ZZ

Manual Rating

FROM ROUTE 5001 (CA-190 / DEATH VALLEY SCENIC BYWAY) AT MM 85.78
AND ROUTE 0230 (STOVEPIPE WELLS LANDING STRIP ROAD)

TO PARKING

Inspection Date	FMISS Number	User Access	Surface Type
3/11/2015	112450	PUBLIC	ASPHALT
Area (Sq. Ft.)	Lane Miles (11' Widths)	Curb Reveal (Inches)	Curb Recommendation
30,057	0.518	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)

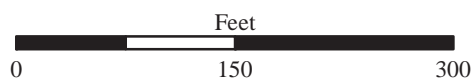
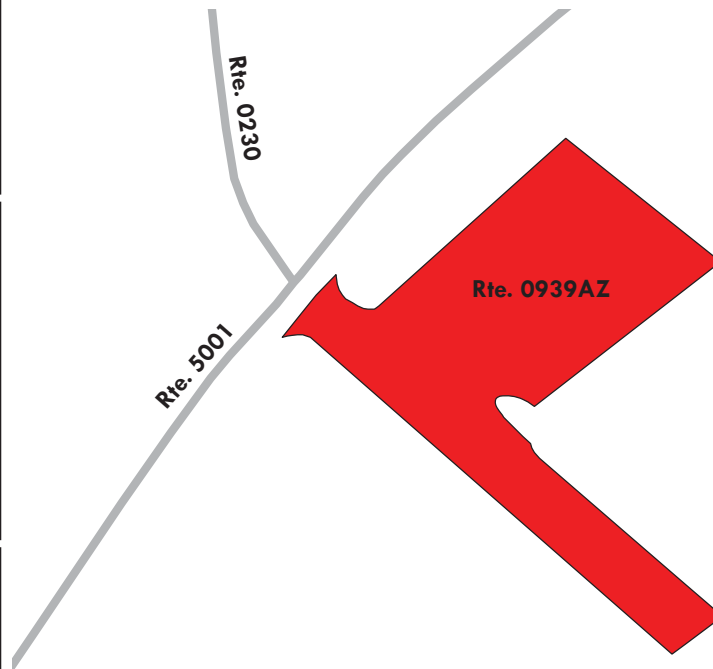
Excellent (95 - 100)

Not Rated

See Appendix for definitions and formulas



Parking area consists of multiple surface types: 1 part Asphalt at 29,267 square feet;
1 part Concrete at 790 square feet.



Death Valley National Park

ROUTE 0939BZ: STOVEPIPE WELLS VILLAGE SALOON PARKING

Subcomponent of Route DEVA-0939ZZ

Manual Rating

FROM ROUTE 5001 (CA-190 / DEATH VALLEY SCENIC BYWAY) AT MM 85.88

TO PARKING

Inspection Date	FMSS Number	User Access	Surface Type
3/11/2015	112450	PUBLIC	ASPHALT
Area (Sq. Ft.)	Lane Miles (11' Widths)	Curb Reveal (Inches)	Curb Recommendation
21,382	0.368	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)

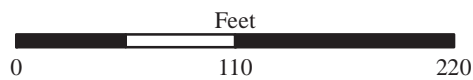
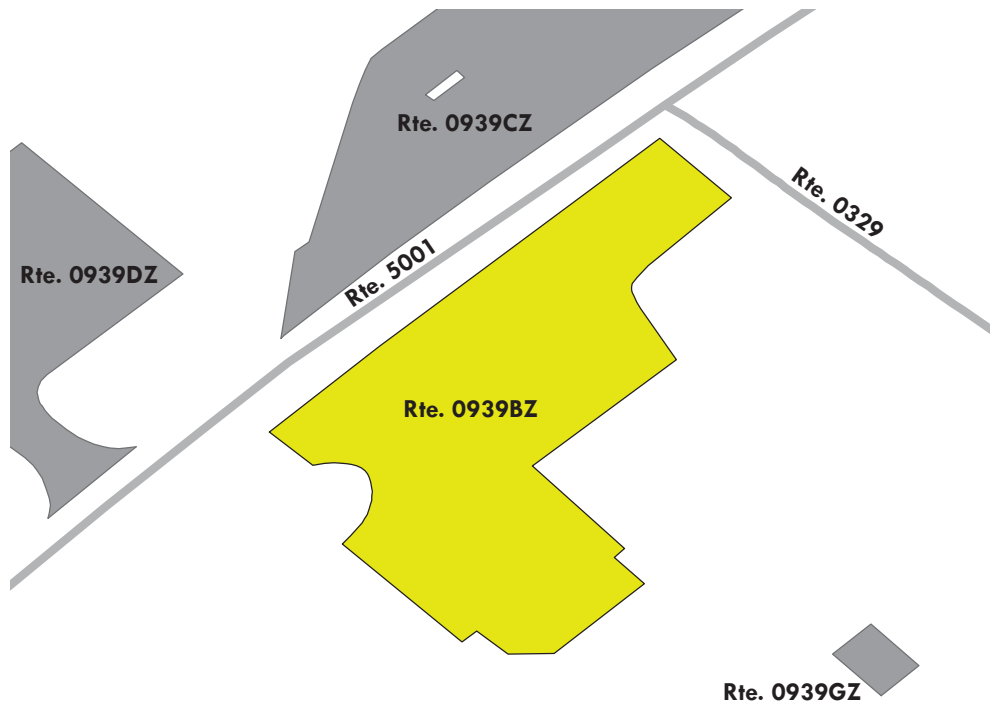
Fair (61- 84)

Good (85 - 94)

Excellent (95 - 100)

Not Rated

See Appendix for definitions and formulas



Death Valley National Park

ROUTE 0939CZ: STOVEPIPE WELLS VILLAGE GAS STATION

Subcomponent of Route DEVA-0939ZZ
Manual Rating

FROM ROUTE 5001 (CA-190 / DEATH VALLEY SCENIC BYWAY) AT MM 85.89
 TO PARKING

Inspection Date	FMSS Number	User Access	Surface Type
3/11/2015	112450	PUBLIC	ASPHALT
Area (Sq. Ft.)	Lane Miles (11' Widths)	Curb Reveal (Inches)	Curb Recommendation
15,054	0.259	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)

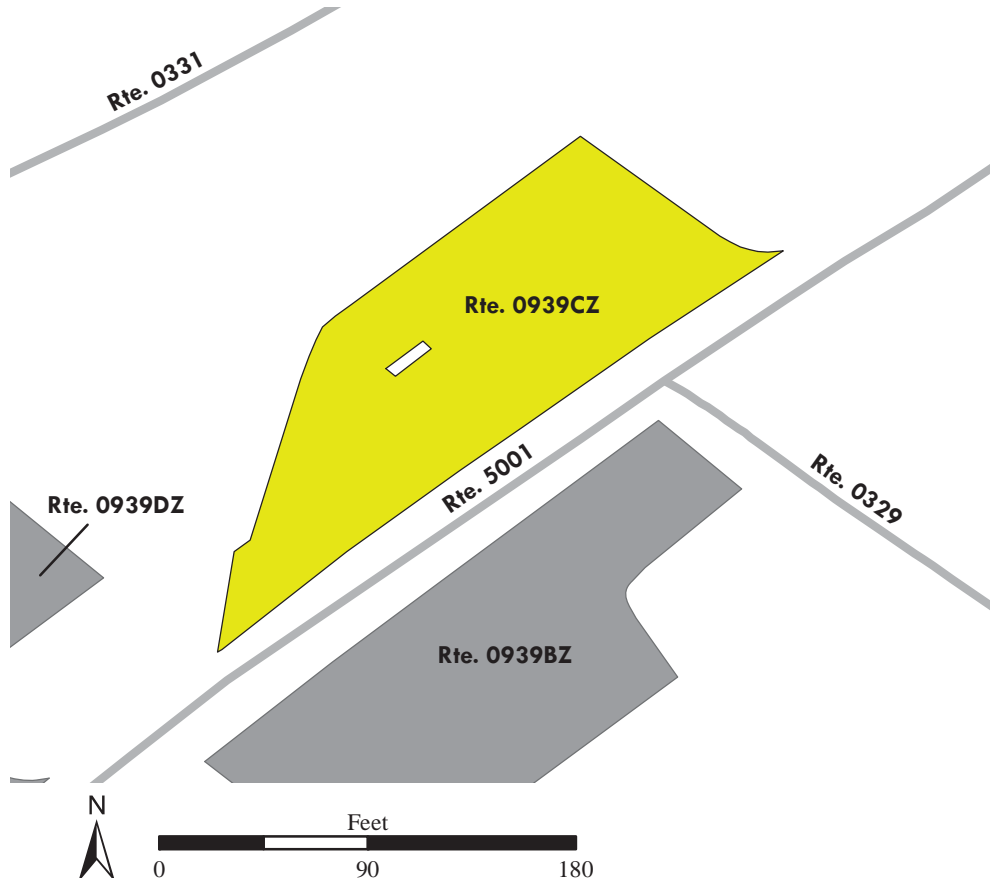
Excellent (95 - 100)

Not Rated

See Appendix for definitions and formulas



Parking area consists of multiple surface types: 1 part Asphalt at 14,176 square feet; 1 part Concrete at 878 square feet.



Death Valley National Park

ROUTE 0939DZ: STOVEPIPE WELLS VILLAGE GENERAL STORE PARKING

Subcomponent of Route DEVA-0939ZZ

Manual Rating

FROM ROUTE 5001 (CA-190 / DEATH VALLEY SCENIC BYWAY) AT MM 85.85

TO ROUTE 0331 (STOVEPIPE WELLS CONCESSIONS CAMPGROUND ROAD)

Inspection Date	FMSS Number	User Access	Surface Type
3/12/2015	112450	PUBLIC	ASPHALT
Area (Sq. Ft.)	Lane Miles (11' Widths)	Curb Reveal (Inches)	Curb Recommendation
18,956	0.326	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)

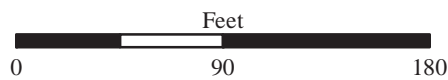
Fair (61- 84)

Good (85 - 94)

Excellent (95 - 100)

Not Rated

See Appendix for definitions and formulas



Death Valley National Park

ROUTE 0939EZ: STOVEPIPE WELLS VILLAGE 49ER ROOMS PARKING

Subcomponent of Route DEVA-0939ZZ

Manual Rating

FROM ROUTE 0329 (STOVEPIPE WELLS HOUSING ROAD) ON RIGHT

TO PARKING

Inspection Date	FMSS Number	User Access	Surface Type
3/11/2015	112450	PUBLIC	ASPHALT
Area (Sq. Ft.)	Lane Miles (11' Widths)	Curb Reveal (Inches)	Curb Recommendation
6,525	0.112	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)

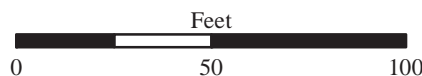
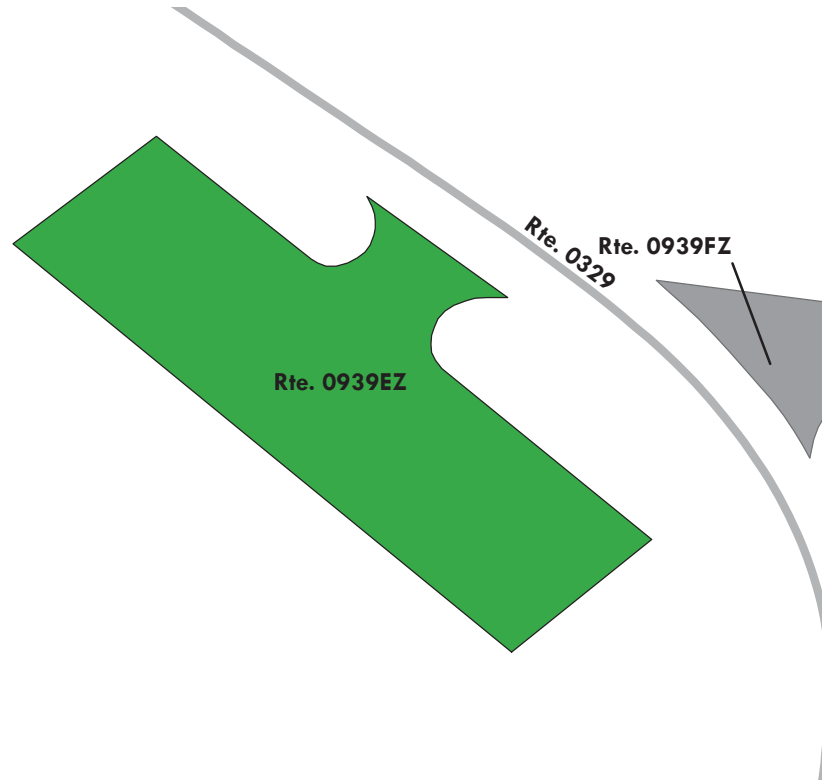
Fair (61- 84)

Good (85 - 94)

Excellent (95 - 100)

Not Rated

See Appendix for definitions and formulas



Death Valley National Park

ROUTE 0939FZ: STOVEPIPE WELLS VILLAGE ROADRUNNER PARKING

Subcomponent of Route DEVA-0939ZZ

Manual Rating

FROM ROUTE 0329 (STOVEPIPE WELLS HOUSING ROAD) ON LEFT

TO PARKING

Inspection Date	FMSS Number	User Access	Surface Type
3/11/2015	112450	PUBLIC	ASPHALT
Area (Sq. Ft.)	Lane Miles (11' Widths)	Curb Reveal (Inches)	Curb Recommendation
23,543	0.405	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)

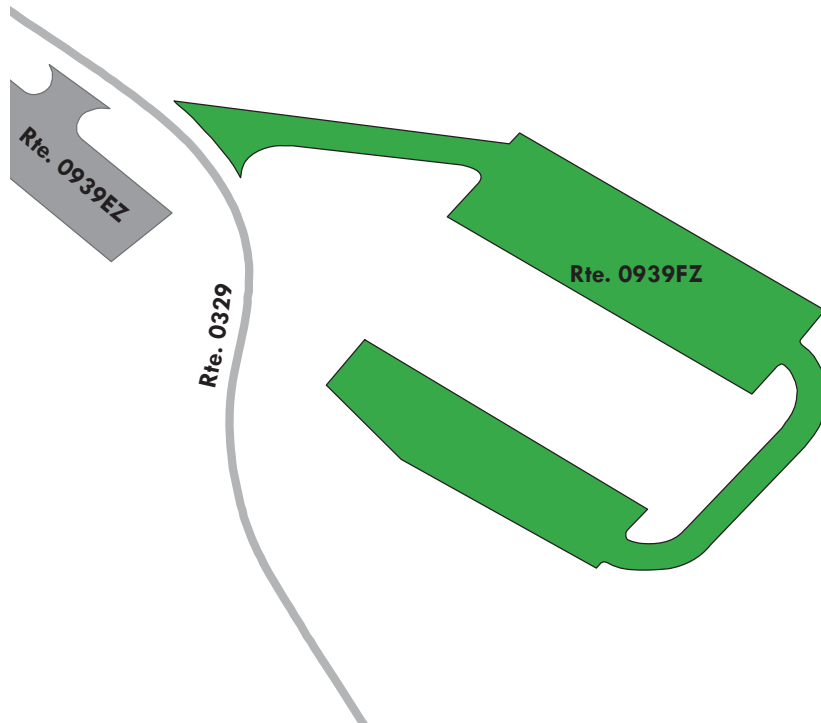
Fair (61- 84)

Good (85 - 94)

Excellent (95 - 100)

Not Rated

See Appendix for definitions and formulas



Death Valley National Park

ROUTE 0939GZ: STOVEPIPE WELLS VILLAGE 49ER BUILDING HANDICAP PAD

Subcomponent of Route DEVA-0939ZZ

Manual Rating

FROM UNPAVED PARKING AREA AT THE 49ER BUILDING

TO PARKING

Inspection Date	FMSS Number	User Access	Surface Type
3/11/2015	112450	PUBLIC	CONCRETE
Area (Sq. Ft.)	Lane Miles (11' Widths)	Curb Reveal (Inches)	Curb Recommendation
619	0.011	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)

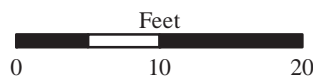
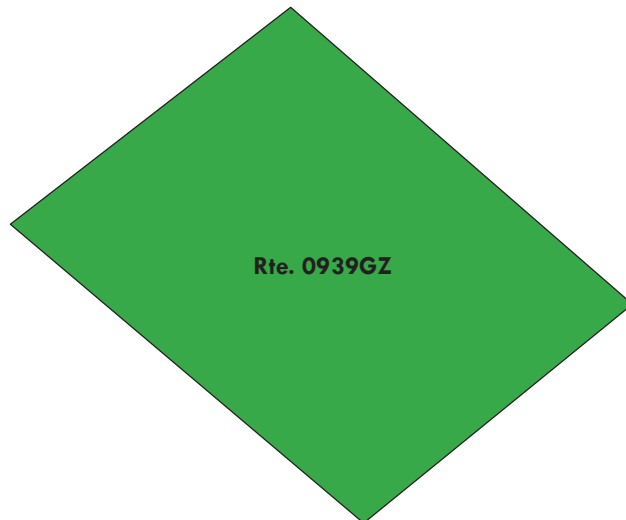
Fair (61- 84)

Good (85 - 94)

Excellent (95 - 100)

Not Rated

See Appendix for definitions and formulas



Death Valley National Park

ROUTE 0941: COW CREEK MAINTENANCE ADMINISTRATIVE PARKING (CURATORIAL AND RESEARCH FACILITY)

Manual Rating

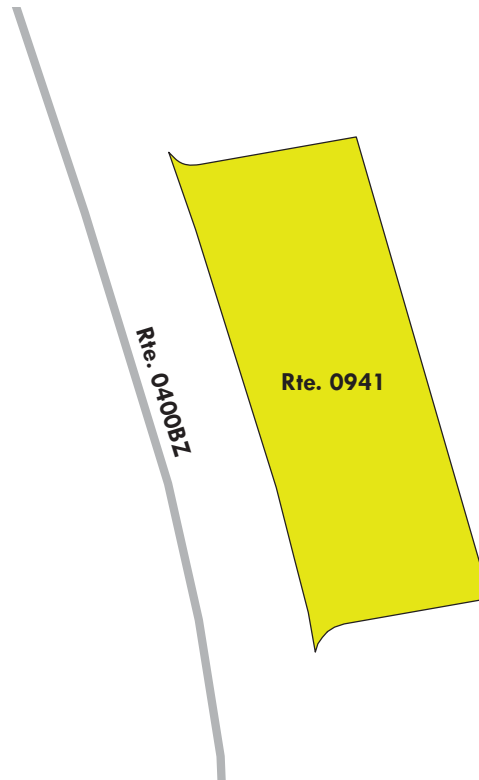
ADJACENT ROUTE 0400ZZ (COW CREEK SERVICE ROADS)

Inspection Date	FMSS Number	User Access	Surface Type
3/10/2015	102627	NONPUBLIC	ASPHALT
Area (Sq. Ft.)	Lane Miles (11' Widths)	Curb Reveal (Inches)	Curb Recommendation
2,446	0.042	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



Death Valley National Park

ROUTE 0942: SUNSET CAMPGROUND DUMP STATION PULLOUT

Manual Rating

FROM ROUTE 0203ZZ (SUNSET CAMPGROUND ROADS)

TO ROUTE 0203ZZ (SUNSET CAMPGROUND ROADS)

Inspection Date	FMSS Number	User Access	Surface Type
3/11/2015	238454	PUBLIC	ASPHALT
Area (Sq. Ft.)	Lane Miles (11' Widths)	Curb Reveal (Inches)	Curb Recommendation
2,243	0.039	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)

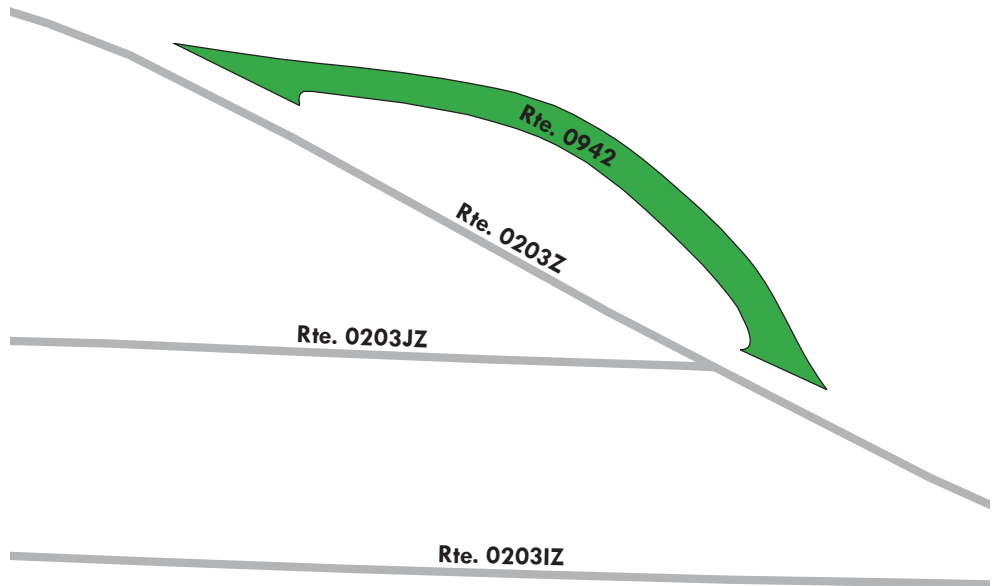
Fair (61- 84)

Good (85 - 94)

Excellent (95 - 100)

Not Rated

See Appendix for definitions and formulas



Death Valley National Park

ROUTE 0943: SALT PAN DORM PARKING

Manual Rating

FROM ROUTE 0408 (SALT PAN VISTA ROAD)

TO PARKING

Inspection Date	FMSS Number	User Access	Surface Type
3/10/2015	114308	PUBLIC	ASPHALT
Area (Sq. Ft.)	Lane Miles (11' Widths)	Curb Reveal (Inches)	Curb Recommendation
5,248	0.09	6	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)

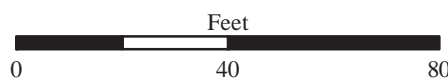
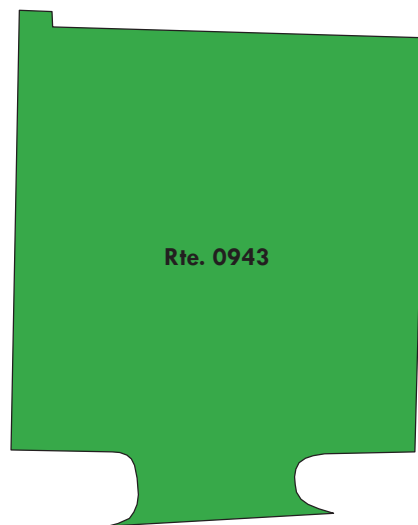
Fair (61- 84)

Good (85 - 94)

Excellent (95 - 100)

Not Rated

See Appendix for definitions and formulas



Death Valley National Park

ROUTE 0944: STOVEPIPE WELLS SAND DUNES PARKING AREA

Manual Rating

FROM ROUTE 5001 (CA-190 / DEATH VALLEY SCENIC BYWAY) AT MM 87.88

TO PARKING

Inspection Date	FMSS Number	User Access	Surface Type
3/12/2015	111688	PUBLIC	ASPHALT
Area (Sq. Ft.)	Lane Miles (11' Widths)	Curb Reveal (Inches)	Curb Recommendation
52,498	0.904	5	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)

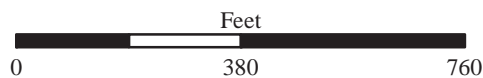
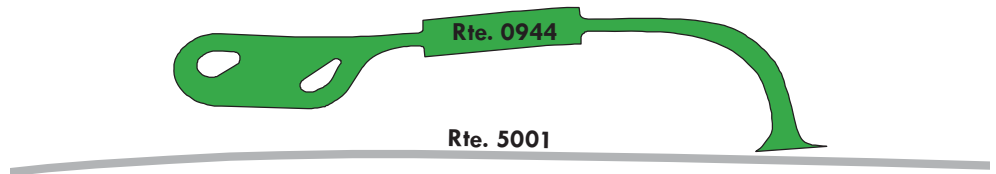
Fair (61- 84)

Good (85 - 94)

Excellent (95 - 100)

Not Rated

See Appendix for definitions and formulas



Death Valley National Park

ROUTE 0945: FATHER CROWLEY PARKING AREA

Manual Rating

FROM ROUTE 5001 (CA-190 / DEATH VALLEY SCENIC BYWAY) AT MM 47.43

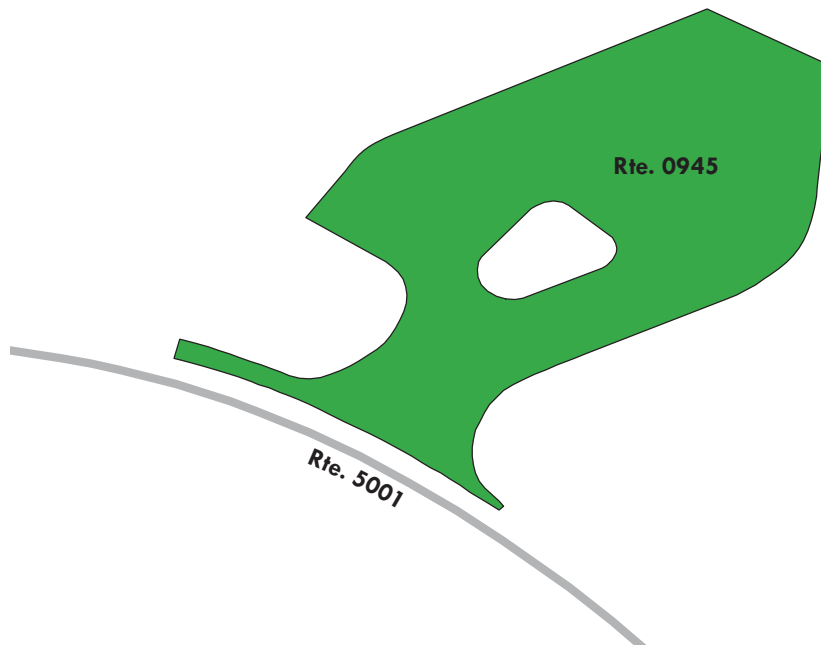
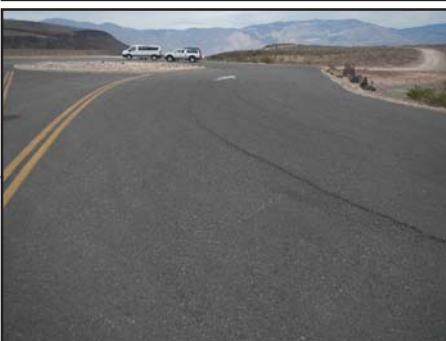
TO ROUTE 0318 (PADRE POINT ROAD)

Inspection Date	FMSS Number	User Access	Surface Type
3/11/2015	238452	PUBLIC	ASPHALT
Area (Sq. Ft.)	Lane Miles (11' Widths)	Curb Reveal (Inches)	Curb Recommendation
30,378	0.523	5	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
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See Appendix for definitions and formulas



Death Valley National Park

ROUTE 0949: NORTHEAST BOUNDARY ENTRANCE SIGN PARKING

Manual Rating

ADJACENT TO ROUTE 0011 (SCOTTY'S CASTLE ROAD / BONNIE CLAIRE) AT MP 40.87

Inspection Date	FMSS Number	User Access	Surface Type
3/11/2015	245455	PUBLIC	ASPHALT
Area (Sq. Ft.)	Lane Miles (11' Widths)	Curb Reveal (Inches)	Curb Recommendation
6,578	0.113	5	DO NOTHING
Curb Type		Curb & Gutter Type	
CONCRETE		NO CURB AND GUTTER	
Pavement Recommendation		Condition Rating / PCR	
DO NOTHING		EXCELLENT / 97	

Route Condition Legend – Pavement Condition Rating (PCR)

Poor (0 - 60)

Fair (61- 84)

Good (85 - 94)

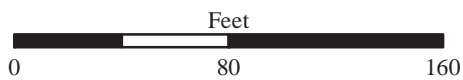
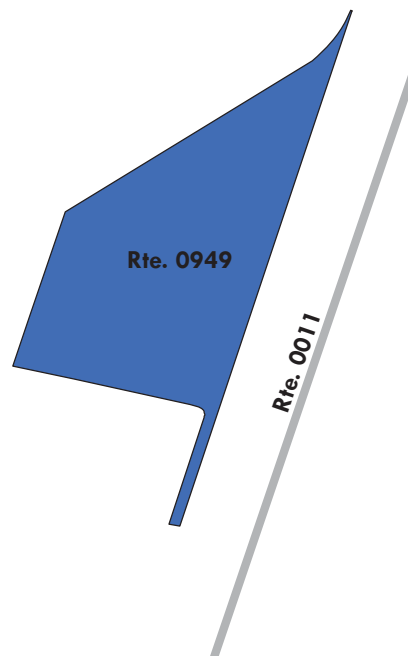
Excellent (95 - 100)

Not Rated

See Appendix for definitions and formulas



Parking area consists of multiple surface types: 1 part Asphalt at 6,211 square feet; 1 part Concrete at 367 square feet.



Death Valley National Park

ROUTE 0950: STOVEPIPE WELLS AIRSTRIP PARKING

Manual Rating

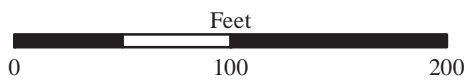
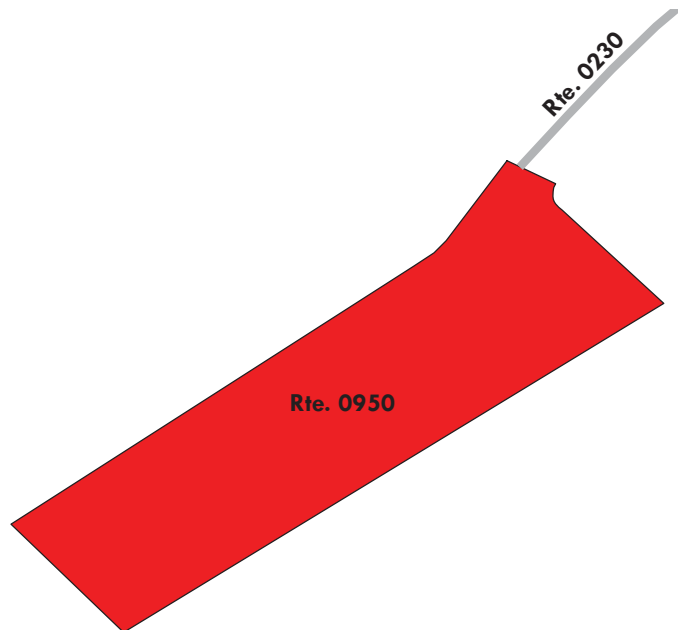
FROM END OF ROUTE 0230 (STOVEPIPE WELLS LANDING STRIP ROAD)
TO AIRSTRIP

Inspection Date	FMSS Number	User Access	Surface Type
3/11/2015	245456	PUBLIC	ASPHALT
Area (Sq. Ft.)	Lane Miles (11' Widths)	Curb Reveal (Inches)	Curb Recommendation
17,580	0.303	NOT APPLICABLE	NOT APPLICABLE
Curb Type		Curb & Gutter Type	
NO CURB		NO CURB AND GUTTER	
Pavement Recommendation		Condition Rating / PCR	
RECONSTRUCTION		POOR / 30	

Route Condition Legend – Pavement Condition Rating (PCR)

Poor (0 - 60)	Fair (61- 84)	Good (85 - 94)	Excellent (95 - 100)	Not Rated
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See Appendix for definitions and formulas



Death Valley National Park

ROUTE 0951: SUNSET CAMPGROUND HANDICAPPED PARKING

Manual Rating

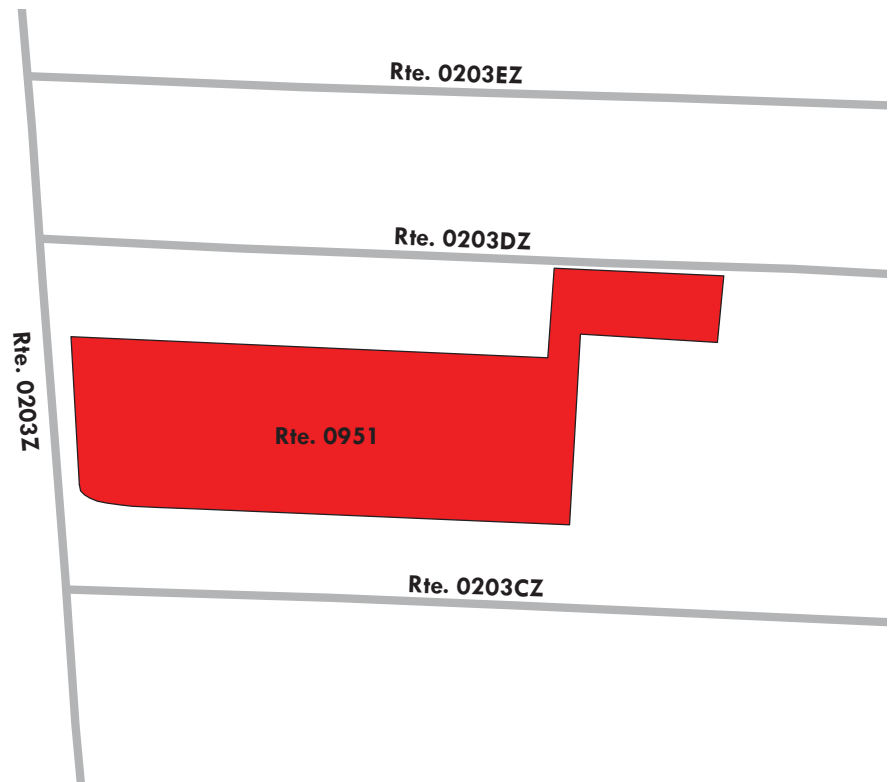
ADJACENT TO ROUTE 0203ZZ (SUNSET CAMPGROUND ROADS)

Inspection Date	FMSS Number	User Access	Surface Type
3/11/2015	245457	PUBLIC	ASPHALT
Area (Sq. Ft.)	Lane Miles (11' Widths)	Curb Reveal (Inches)	Curb Recommendation
9,338	0.161	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
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See Appendix for definitions and formulas



Death Valley National Park

ROUTE 0952ZZ: FURNACE CREEK CAMPGROUND PARKING AREAS

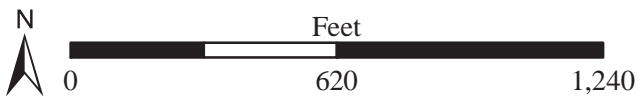
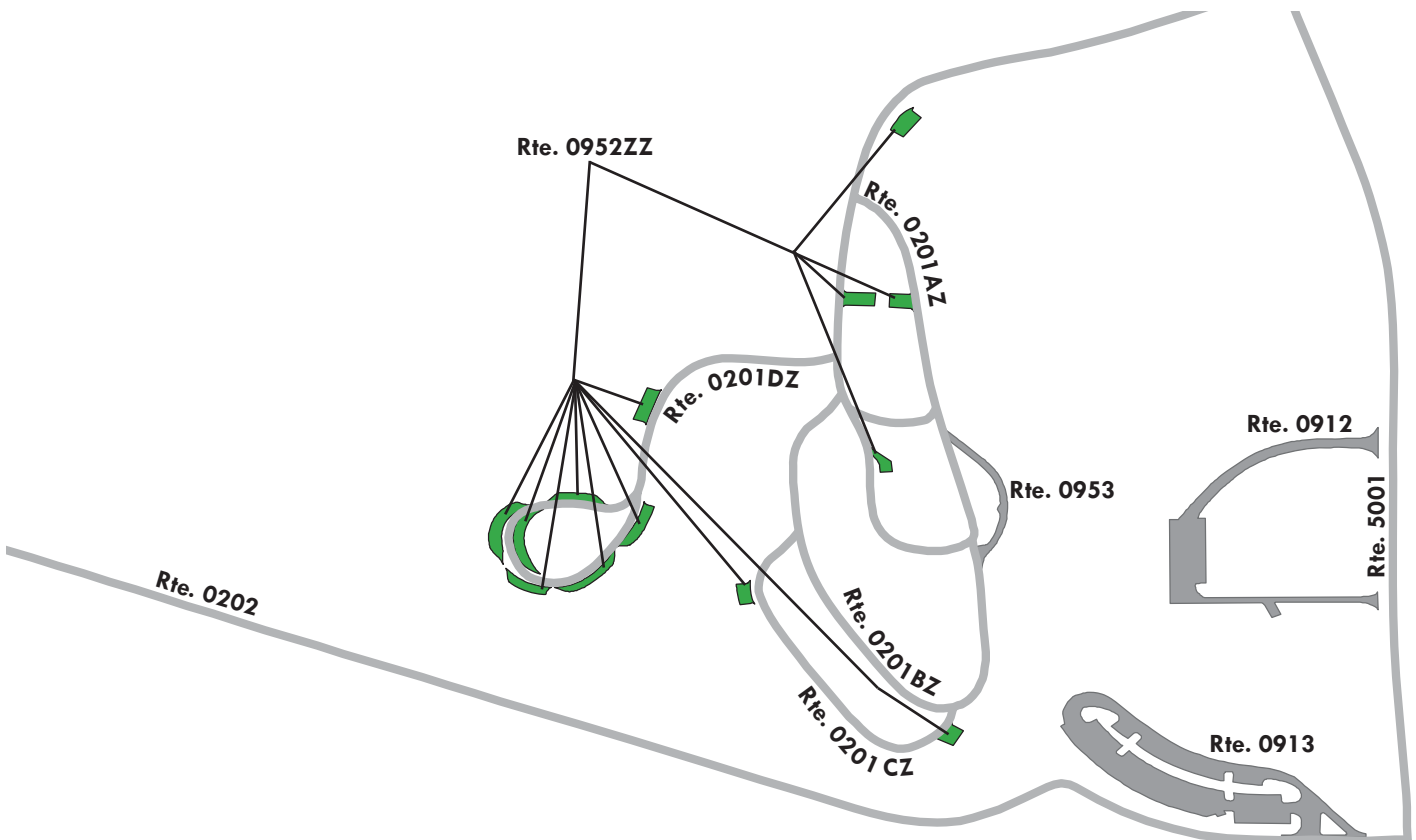
Summary Route
Manual Rating

ADJACENT TO ROUTE 0201ZZ (FURNACE CREEK CAMPGROUND ROADS)

Inspection Date	FMSS Number	User Access	Surface Type
3/10/2015	245459	PUBLIC	ASPHALT
Area (Sq. Ft.)	Lane Miles (11' Widths)	Condition Rating / PCR	
24,815	0.427	SUMMARY / 93	

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.



Death Valley National Park

ROUTE 0952AZ: FURNACE CREEK CAMPGROUND ENTRANCE KIOSK PARKING

Subcomponent of Route DEVA-0952ZZ

Manual Rating

ADJACENT TO ROUTE 0201AZ (FURNACE CREEK CAMPGROUND ENTRANCE AND LOOP A)
AT MP 0.16 ON LEFT

Inspection Date	FMSS Number	User Access	Surface Type
3/10/2015	245459	PUBLIC	ASPHALT
Area (Sq. Ft.)	Lane Miles (11' Widths)	Curb Reveal (Inches)	Curb Recommendation
1,889	0.033	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)

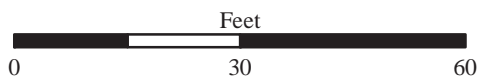
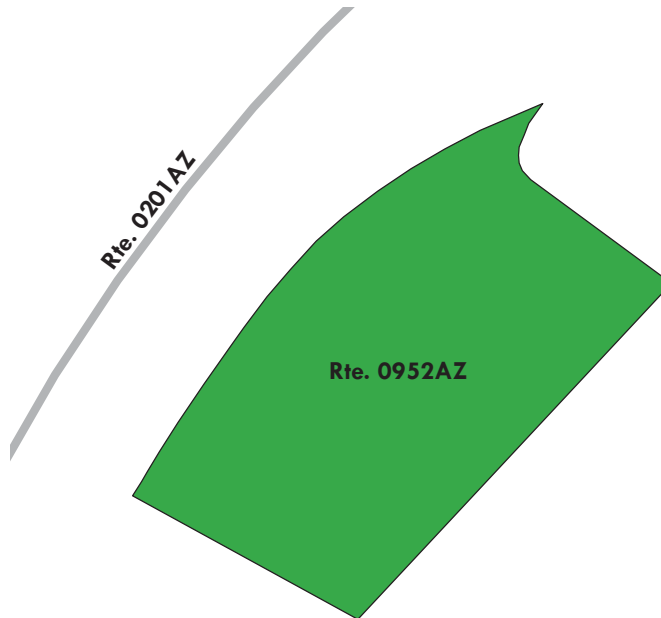
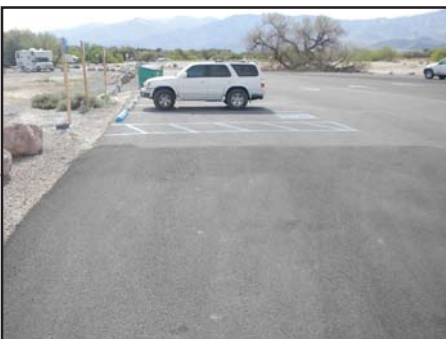
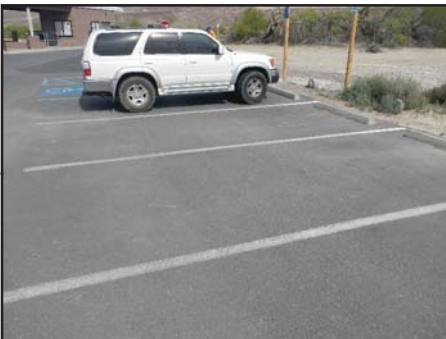
Fair (61- 84)

Good (85 - 94)

Excellent (95 - 100)

Not Rated

See Appendix for definitions and formulas



Death Valley National Park

ROUTE 0952BZ: FURNACE CREEK CAMPGROUND RESTROOM 1 PARKING A

Subcomponent of Route DEVA-0952ZZ

Manual Rating

ADJACENT TO ROUTE 0201AZ (FURNACE CREEK CAMPGROUND ENTRANCE AND LOOP A)
AT MP 0.28 ON LEFT

Inspection Date	FMSS Number	User Access	Surface Type
3/10/2015	245459	PUBLIC	ASPHALT
Area (Sq. Ft.)	Lane Miles (11' Widths)	Curb Reveal (Inches)	Curb Recommendation
1,411	0.024	NOT APPLICABLE	NOT APPLICABLE
Curb Type		Curb & Gutter Type	
NO CURB		NO CURB AND GUTTER	
Pavement Recommendation		Condition Rating / PCR	
DO NOTHING		EXCELLENT / 97	

Route Condition Legend – Pavement Condition Rating (PCR)

Poor (0 - 60)

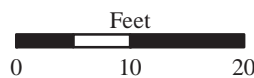
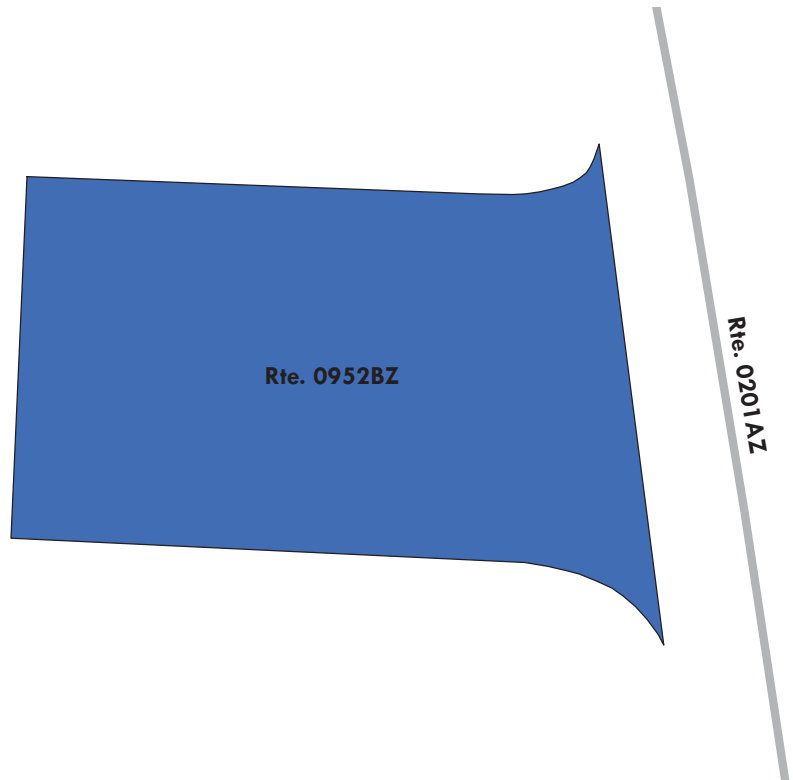
Fair (61- 84)

Good (85 - 94)

Excellent (95 - 100)

Not Rated

See Appendix for definitions and formulas



Death Valley National Park

ROUTE 0952CZ: FURNACE CREEK CAMPGROUND RESTROOM 1 PARKING B

Subcomponent of Route DEVA-0952ZZ

Manual Rating

ADJACENT TO ROUTE 0201AZ (FURNACE CREEK CAMPGROUND ENTRANCE AND LOOP A)
AT MP 0.24 ON LEFT

Inspection Date	FMSS Number	User Access	Surface Type
3/10/2015	245459	PUBLIC	ASPHALT
Area (Sq. Ft.)	Lane Miles (11' Widths)	Curb Reveal (Inches)	Curb Recommendation
1,818	0.031	NOT APPLICABLE	NOT APPLICABLE
Curb Type		Curb & Gutter Type	
NO CURB		NO CURB AND GUTTER	
Pavement Recommendation		Condition Rating / PCR	
DO NOTHING		EXCELLENT / 97	

Route Condition Legend – Pavement Condition Rating (PCR)

Poor (0 - 60)

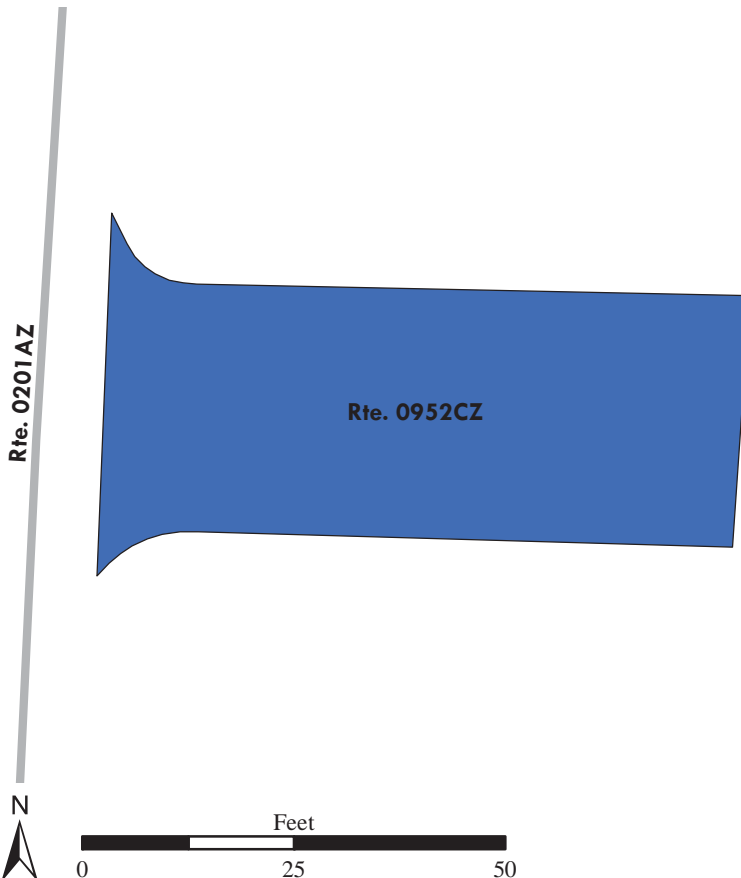
Fair (61- 84)

Good (85 - 94)

Excellent (95 - 100)

Not Rated

See Appendix for definitions and formulas



Death Valley National Park

ROUTE 0952DZ: FURNACE CREEK CAMPGROUND RESTROOM 2 PARKING

Subcomponent of Route DEVA-0952ZZ

Manual Rating

ADJACENT TO ROUTE 0201AZ (FURNACE CREEK CAMPGROUND ENTRANCE AND LOOP A)
AT MP 0.31 ON LEFT

Inspection Date	FMSS Number	User Access	Surface Type
3/10/2015	245459	PUBLIC	ASPHALT
Area (Sq. Ft.)	Lane Miles (11' Widths)	Curb Reveal (Inches)	Curb Recommendation
1,054	0.018	NOT APPLICABLE	NOT APPLICABLE
Curb Type		Curb & Gutter Type	
NO CURB		NO CURB AND GUTTER	
Pavement Recommendation		Condition Rating / PCR	
DO NOTHING		EXCELLENT / 97	

Route Condition Legend – Pavement Condition Rating (PCR)

Poor (0 - 60)

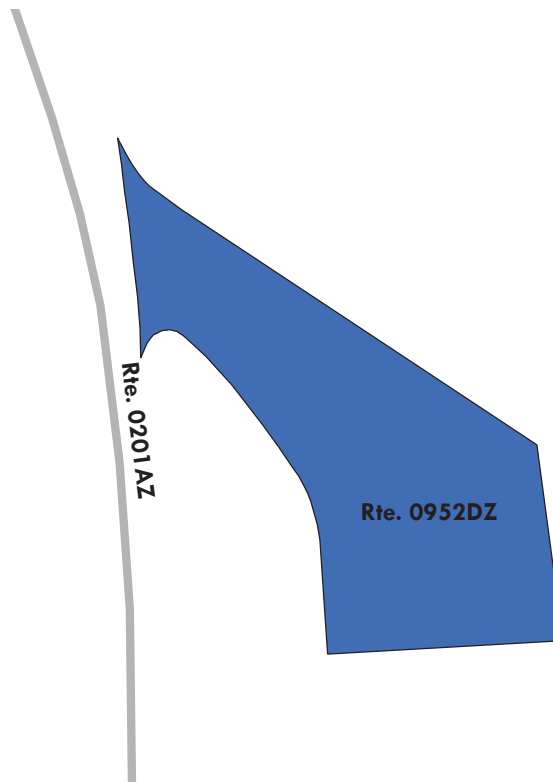
Fair (61- 84)

Good (85 - 94)

Excellent (95 - 100)

Not Rated

See Appendix for definitions and formulas



Death Valley National Park

ROUTE 0952EZ: FURNACE CREEK CAMPGROUND GROUP SITES 3 AND 4 PARKING

Subcomponent of Route DEVA-0952ZZ

Manual Rating

ADJACENT TO ROUTE 0201DZ (FURNACE CREEK CAMPGROUND LOOP D (WALK-IN SITES))
AT MP 0.07 ON RIGHT

Inspection Date	FMSS Number	User Access	Surface Type
3/10/2015	245459	PUBLIC	ASPHALT
Area (Sq. Ft.)	Lane Miles (11' Widths)	Curb Reveal (Inches)	Curb Recommendation
2,023	0.035	NOT APPLICABLE	NOT APPLICABLE
Curb Type		Curb & Gutter Type	
NO CURB		NO CURB AND GUTTER	
Pavement Recommendation		Condition Rating / PCR	
DO NOTHING		EXCELLENT / 97	

Route Condition Legend – Pavement Condition Rating (PCR)

Poor (0 - 60)

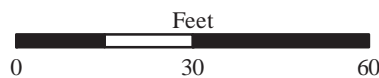
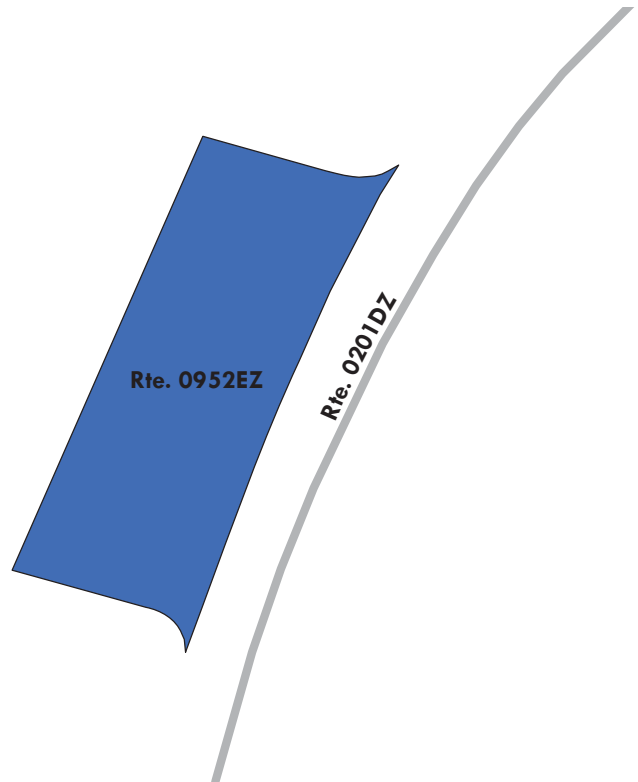
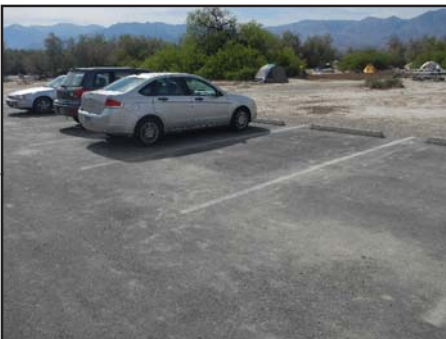
Fair (61- 84)

Good (85 - 94)

Excellent (95 - 100)

Not Rated

See Appendix for definitions and formulas



Death Valley National Park

ROUTE 0952FZ: FURNACE CREEK CAMPGROUND SITE 115 PARKING

Subcomponent of Route DEVA-0952ZZ

Manual Rating

ADJACENT TO ROUTE 0201DZ (FURNACE CREEK CAMPGROUND LOOP D (WALK-IN SITES))
AT MP 0.14 ON RIGHT

Inspection Date	FMSS Number	User Access	Surface Type
3/10/2015	245459	PUBLIC	ASPHALT
Area (Sq. Ft.)	Lane Miles (11' Widths)	Curb Reveal (Inches)	Curb Recommendation
1,922	0.033	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)

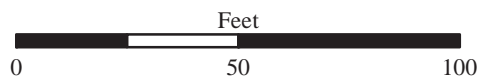
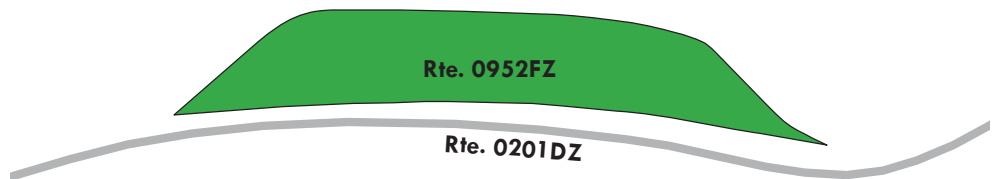
Fair (61- 84)

Good (85 - 94)

Excellent (95 - 100)

Not Rated

See Appendix for definitions and formulas



Death Valley National Park

ROUTE 0952GZ: FURNACE CREEK CAMPGROUND SITES 116-126 PARKING

Subcomponent of Route DEVA-0952ZZ

Manual Rating

ADJACENT TO ROUTE 0201DZ (FURNACE CREEK CAMPGROUND LOOP D (WALK-IN SITES))
AT MP 0.16 ON RIGHT

Inspection Date	FMSS Number	User Access	Surface Type
3/10/2015	245459	PUBLIC	ASPHALT
Area (Sq. Ft.)	Lane Miles (11' Widths)	Curb Reveal (Inches)	Curb Recommendation
3,339	0.057	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)

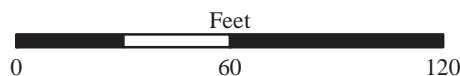
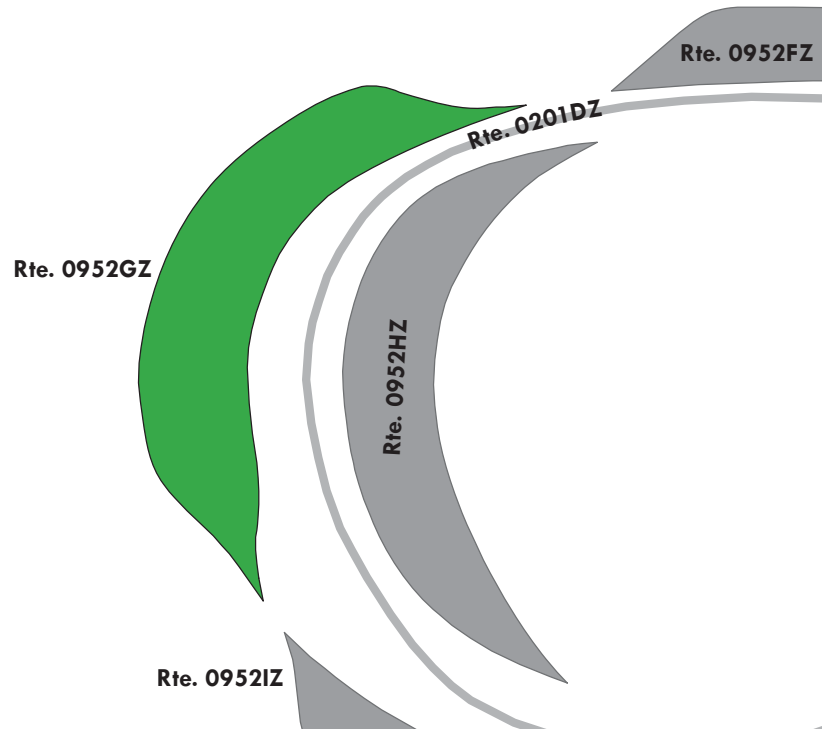
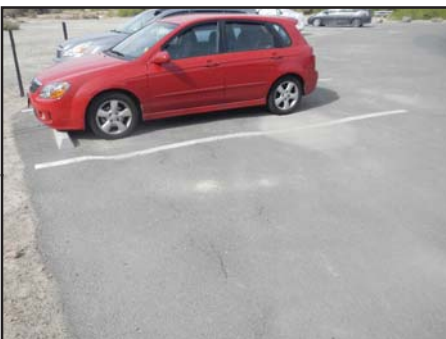
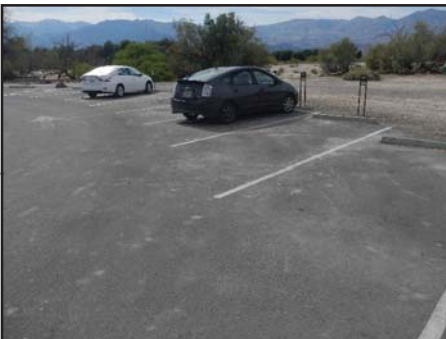
Fair (61- 84)

Good (85 - 94)

Excellent (95 - 100)

Not Rated

See Appendix for definitions and formulas



Death Valley National Park

ROUTE 0952HZ: FURNACE CREEK CAMPGROUND INNER LOOP PARKING

Subcomponent of Route DEVA-0952ZZ

Manual Rating

ADJACENT TO ROUTE 0201DZ (FURNACE CREEK CAMPGROUND LOOP D (WALK-IN SITES))
AT MP 0.11 ON LEFT

Inspection Date	FMSS Number	User Access	Surface Type
3/10/2015	245459	PUBLIC	ASPHALT
Area (Sq. Ft.)	Lane Miles (11' Widths)	Curb Reveal (Inches)	Curb Recommendation
2,857	0.049	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)

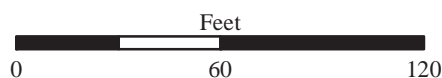
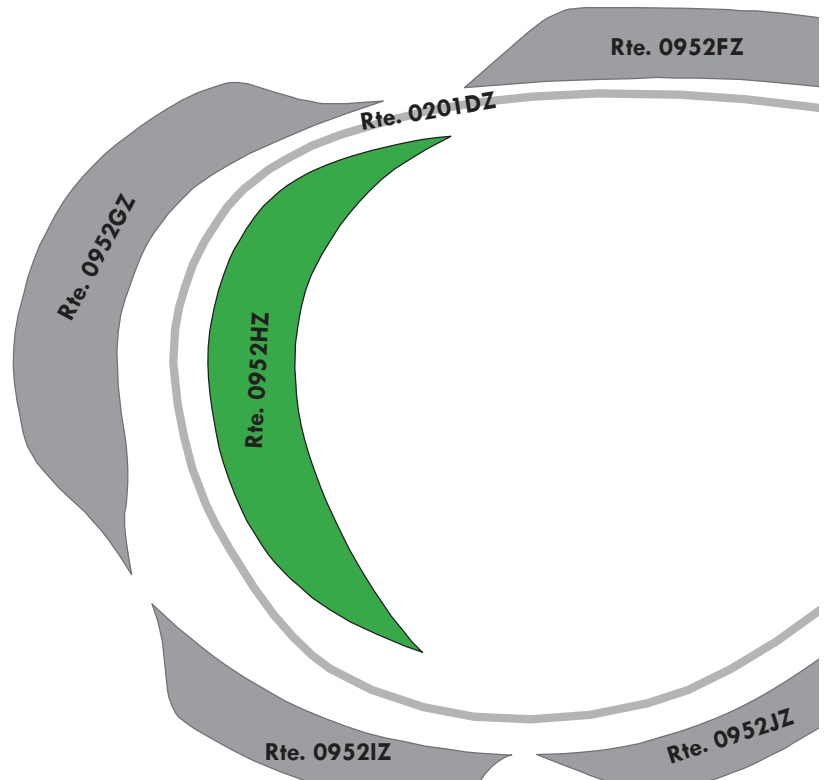
Fair (61- 84)

Good (85 - 94)

Excellent (95 - 100)

Not Rated

See Appendix for definitions and formulas



Death Valley National Park

ROUTE 0952IZ: FURNACE CREEK CAMPGROUND SITES 127-132 PARKING

Subcomponent of Route DEVA-0952ZZ

Manual Rating

ADJACENT TO ROUTE 0201DZ (FURNACE CREEK CAMPGROUND LOOP D (WALK-IN SITES))
AT MP 0.19 ON RIGHT

Inspection Date	FMSS Number	User Access	Surface Type
3/10/2015	245459	PUBLIC	ASPHALT
Area (Sq. Ft.)	Lane Miles (11' Widths)	Curb Reveal (Inches)	Curb Recommendation
1,602	0.028	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)

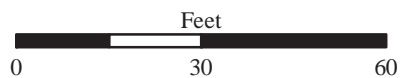
Fair (61- 84)

Good (85 - 94)

Excellent (95 - 100)

Not Rated

See Appendix for definitions and formulas



Death Valley National Park

ROUTE 0952JZ: FURNACE CREEK CAMPGROUND SITES 133-142 PARKING

Subcomponent of Route DEVA-0952ZZ

Manual Rating

ADJACENT TO ROUTE 0201DZ (FURNACE CREEK CAMPGROUND LOOP D (WALK-IN SITES))
AT MP 0.21 ON RIGHT

Inspection Date	FMSS Number	User Access	Surface Type
3/10/2015	245459	PUBLIC	ASPHALT
Area (Sq. Ft.)	Lane Miles (11' Widths)	Curb Reveal (Inches)	Curb Recommendation
2,013	0.035	NOT APPLICABLE	NOT APPLICABLE
Curb Type		Curb & Gutter Type	
NO CURB		NO CURB AND GUTTER	
Pavement Recommendation		Condition Rating / PCR	
DO NOTHING		EXCELLENT / 97	

Route Condition Legend – Pavement Condition Rating (PCR)

Poor (0 - 60)

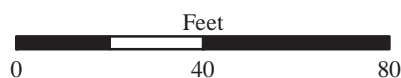
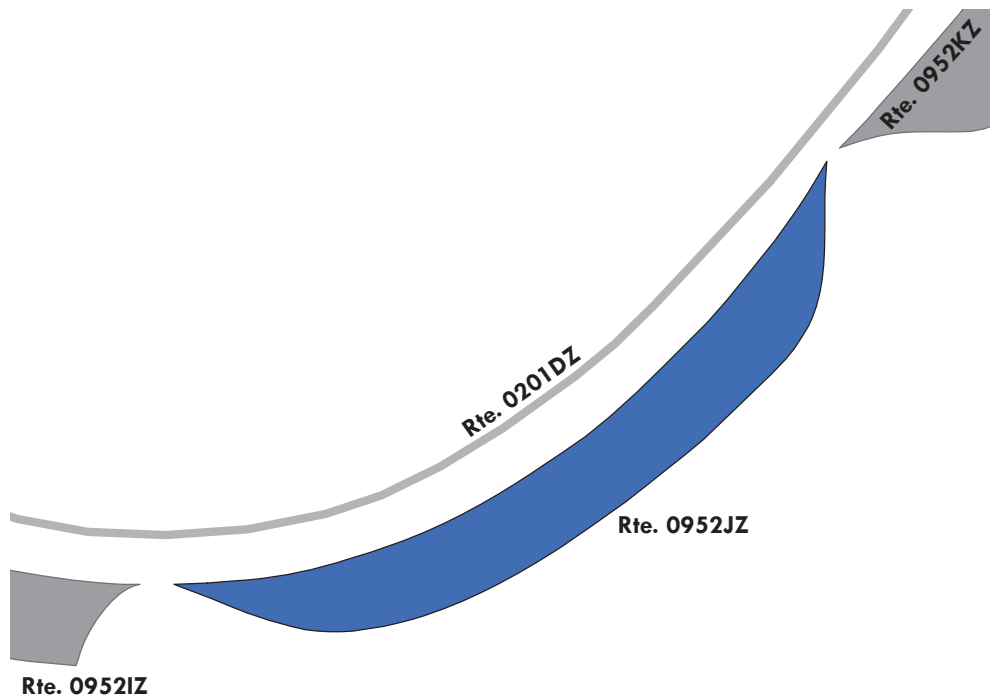
Fair (61- 84)

Good (85 - 94)

Excellent (95 - 100)

Not Rated

See Appendix for definitions and formulas



Death Valley National Park

ROUTE 0952KZ: FURNACE CREEK CAMPGROUND SITES 143-148 PARKING

Subcomponent of Route DEVA-0952ZZ

Manual Rating

ADJACENT TO ROUTE 0201DZ (FURNACE CREEK CAMPGROUND LOOP D (WALK-IN SITES))
AT MP 0.23 ON RIGHT

Inspection Date	FMSS Number	User Access	Surface Type
3/10/2015	245459	PUBLIC	ASPHALT
Area (Sq. Ft.)	Lane Miles (11' Widths)	Curb Reveal (Inches)	Curb Recommendation
2,211	0.038	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)

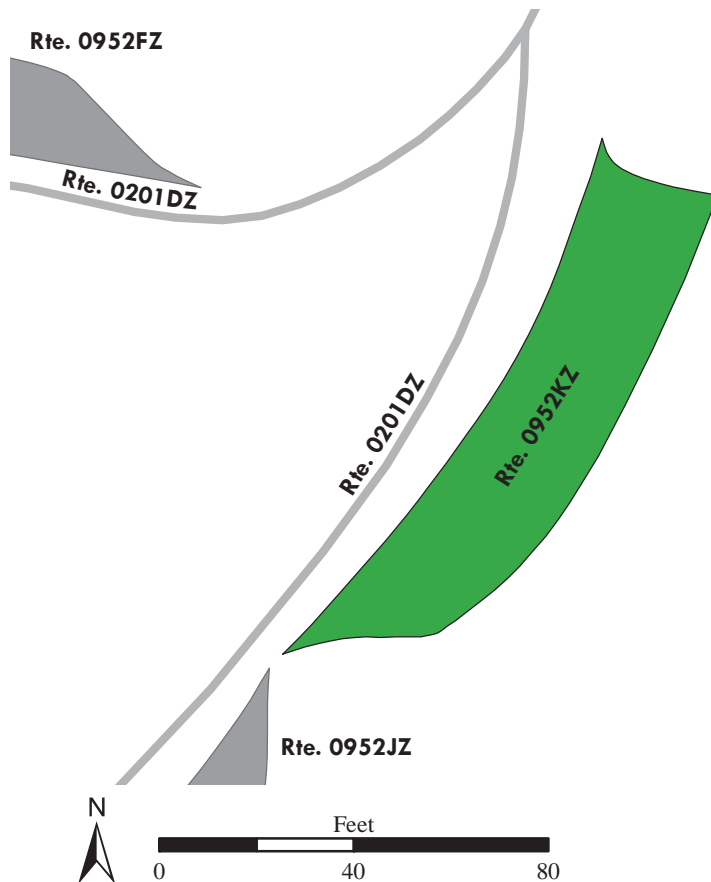
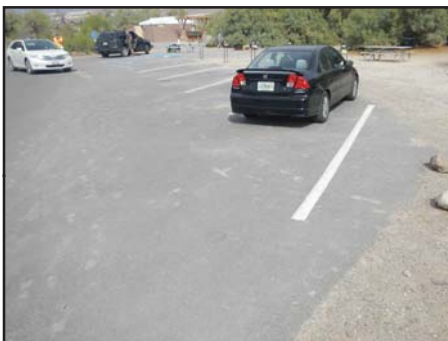
Fair (61- 84)

Good (85 - 94)

Excellent (95 - 100)

Not Rated

See Appendix for definitions and formulas



Death Valley National Park

ROUTE 0952LZ: FURNACE CREEK CAMPGROUND GROUP SITE 5 PARKING

Subcomponent of Route DEVA-0952ZZ

Manual Rating

ADJACENT TO ROUTE 0201CZ (FURNACE CREEK CAMPGROUND LOOP C) AT MP 0.03 ON RIGHT

Inspection Date	FMSS Number	User Access	Surface Type
3/10/2015	245459	PUBLIC	ASPHALT
Area (Sq. Ft.)	Lane Miles (11' Widths)	Curb Reveal (Inches)	Curb Recommendation
1,224	0.021	NOT APPLICABLE	NOT APPLICABLE
Curb Type		Curb & Gutter Type	
NO CURB		NO CURB AND GUTTER	
Pavement Recommendation		Condition Rating / PCR	
DO NOTHING		EXCELLENT / 97	

Route Condition Legend – Pavement Condition Rating (PCR)

Poor (0 - 60)

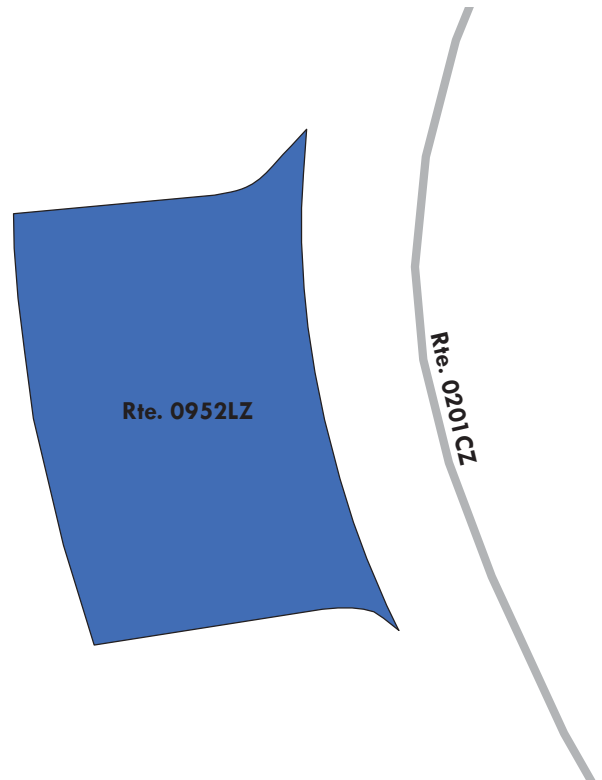
Fair (61- 84)

Good (85 - 94)

Excellent (95 - 100)

Not Rated

See Appendix for definitions and formulas



Death Valley National Park

ROUTE 0952MZ: FURNACE CREEK CAMPGROUND RESTROOM 3 PARKING

Subcomponent of Route DEVA-0952ZZ

Manual Rating

ADJACENT TO ROUTE 0201CZ (FURNACE CREEK CAMPGROUND LOOP C) AT MP 0.14 ON RIGHT

Inspection Date	FMSS Number	User Access	Surface Type
3/10/2015	245459	PUBLIC	ASPHALT
Area (Sq. Ft.)	Lane Miles (11' Widths)	Curb Reveal (Inches)	Curb Recommendation
1,452	0.025	NOT APPLICABLE	NOT APPLICABLE
Curb Type		Curb & Gutter Type	
NO CURB		NO CURB AND GUTTER	
Pavement Recommendation		Condition Rating / PCR	
DO NOTHING		EXCELLENT / 97	

Route Condition Legend – Pavement Condition Rating (PCR)

Poor (0 - 60)

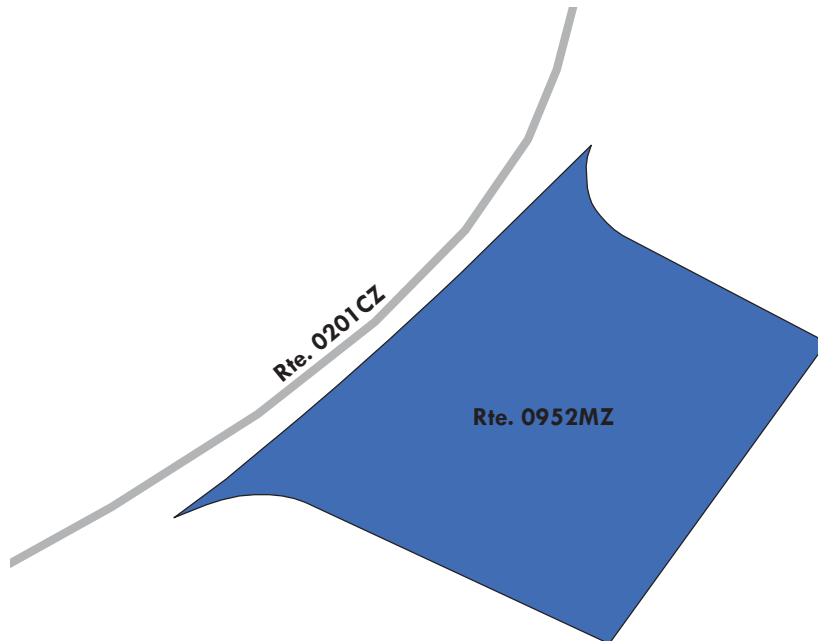
Fair (61- 84)

Good (85 - 94)

Excellent (95 - 100)

Not Rated

See Appendix for definitions and formulas



Death Valley National Park

ROUTE 0953: FURNACE CREEK CAMPGROUND DUMP STATION PULLOUT

Manual Rating

FROM ROUTE 0201ZZ (FURNACE CREEK CAMPGROUND ROADS)

TO ROUTE 0201ZZ (FURNACE CREEK CAMPGROUND ROADS)

Inspection Date	FMSS Number	User Access	Surface Type
3/10/2015	246802	PUBLIC	ASPHALT
Area (Sq. Ft.)	Lane Miles (11' Widths)	Curb Reveal (Inches)	Curb Recommendation
4,935	0.085	NOT APPLICABLE	NOT APPLICABLE
Curb Type		Curb & Gutter Type	
NO CURB		NO CURB AND GUTTER	
Pavement Recommendation		Condition Rating / PCR	
DO NOTHING		EXCELLENT / 97	

Route Condition Legend – Pavement Condition Rating (PCR)

Poor (0 - 60)

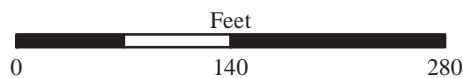
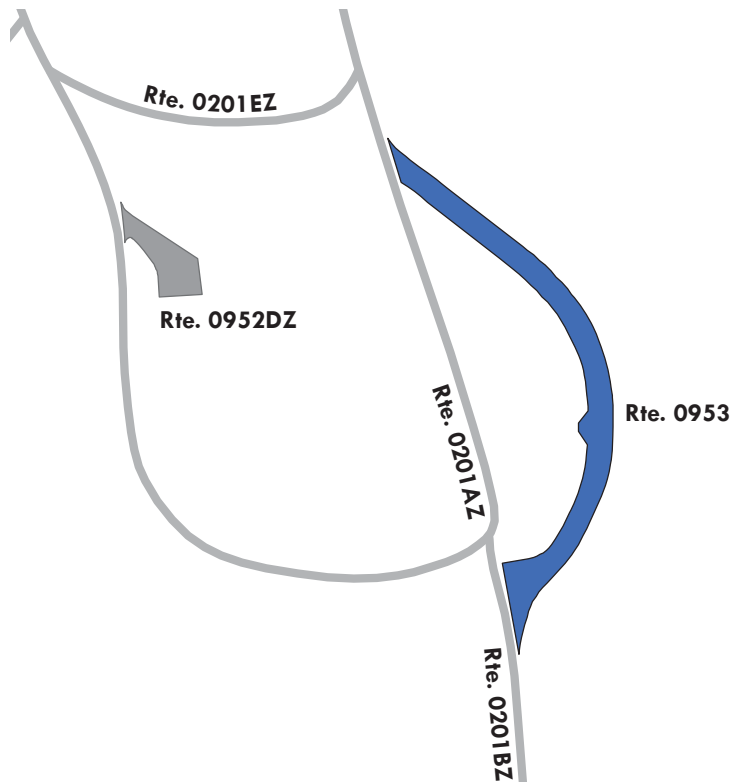
Fair (61- 84)

Good (85 - 94)

Excellent (95 - 100)

Not Rated

See Appendix for definitions and formulas



Death Valley National Park

ROUTE 0954: TEXAS SPRINGS CAMPGROUND GROUP PARKING

Manual Rating

ADJACENT TO ROUTE 0204BZZ (TEXAS SPRING CAMPGROUND LOOPS)

Inspection Date	FMSS Number	User Access	Surface Type
3/11/2015	246803	PUBLIC	ASPHALT
Area (Sq. Ft.)	Lane Miles (11' Widths)	Curb Reveal (Inches)	Curb Recommendation
3,658	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)

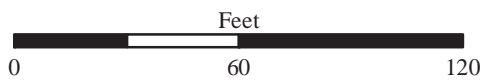
Fair (61- 84)

Good (85 - 94)

Excellent (95 - 100)

Not Rated

See Appendix for definitions and formulas



Section 7

Road Milepost Information



Death Valley 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.

DEVA: Route Milepost Log

ROUTE 0010: DAYLIGHT PASS / MUD CANYON ROAD

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.00	0.00	INTERSECTION	L	ROUTE 0011 (SCOTTY'S CASTLE ROAD / BONNIE CLAIRE)
0.00	0.00	INTERSECTION	R	ROUTE 0011 (SCOTTY'S CASTLE ROAD / BONNIE CLAIRE)
6.77	6.77	INTERSECTION	R	ROUTE 0012 (BEATTY CUTOFF ROAD)
6.79	6.79	INTERSECTION	L	ROUTE 0938 (HELL'S GATE DAY USE PARKING)
7.28	7.28	INTERSECTION	R	ROUTE 0427 (DAYLIGHT PASS SERVICE ROAD)
10.20	10.20	INTERSECTION	R	ROUTE 0223 (CHLORIDE CLIFFS ROAD)
13.01	13.01	INTERSECTION	L	UNPAVED PARKING (DAYLIGHT PASS PARKING)
13.39	13.39	STATE BOUNDARY	N/A	CALIFORNIA / NEVADA STATE LINE
17.29	17.29	INTERSECTION	L	ROUTE 0937 (BEATTY ENTRANCE PARKING)
17.36	17.36	PARK BOUNDARY	N/A	EAST PARK BOUNDARY (BEATTY, NV)
17.36	17.36	INTERSECTION	N/A	NEVADA STATE ROUTE 374 TO BEATTY

DEVA: Route Milepost Log

ROUTE 0011: SCOTTY'S CASTLE ROAD / BONNIE CLAIRE

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.00	0.00	INTERSECTION	L	ROUTE 5001 (CA-190 / DEATH VALLEY SCENIC BYWAY)
0.00	0.00	INTERSECTION	R	ROUTE 5001 (CA-190 / DEATH VALLEY SCENIC BYWAY)
0.59	0.59	INTERSECTION	R	ROUTE 0010 (DAYLIGHT PASS / MUD CANYON ROAD)
0.75	0.75	INTERSECTION	R	ROUTE 0932 (MUD CANYON MUSHROOM PARKING AREA)
2.57	2.57	INTERSECTION	L	PAVED PULLOUT (SAND DUNES INTERPRETIVE SIGN)
2.99	2.99	INTERSECTION	L	ROUTE 0100 (OLD STOVEPIPE ROAD / SAND DUNES ACCESS ROAD)
14.86	14.86	INTERSECTION	R	ROUTE 0503 (TITUS CANYON ROAD)
32.76	32.76	INTERSECTION	L	ROUTE 0212A (MESQUITE SPRING CAMPGROUND ACCESS ROAD)
33.03	33.03	INTERSECTION	R	ROUTE 0410 (GRAPEVINE BONEYARD ROAD)
33.08	33.08	INTERSECTION	R	ROUTE 0407Z (GRAPEVINE SERVICE ROAD)
33.20	33.20	INTERSECTION	L	ROUTE 0929 (GRAPEVINE RANGER STATION PARKING AREA)
33.25	33.25	INTERSECTION	L	ROUTE 0929 (GRAPEVINE RANGER STATION PARKING AREA)
33.39	33.39	INTERSECTION	L	ROUTE 0109 (UBEHEBE CRATER ROAD)
36.25	36.25	INTERSECTION	L	ROUTE 0900 (SCOTTY'S CASTLE PARKING)
36.34	36.34	INTERSECTION	L	ROUTE 0900 (SCOTTY'S CASTLE PARKING)
36.39	36.39	INTERSECTION	L	UNPAVED PARKING (SCOTTY'S CASTLE RV PARKING)
37.21	37.21	INTERSECTION	L	ROUTE 0421 (SCOTTY'S CASTLE WATER SYSTEM SERVICE ROAD)
40.87	40.87	INTERSECTION	L	ROUTE 0949 (NORTHEAST BOUNDARY ENTRANCE SIGN PARKING)
40.89	40.89	PARK BOUNDARY	N/A	NORTHEAST PARK BOUNDARY (SCOTTY'S JUNCTION, NV)
40.89	40.89	STATE BOUNDARY	N/A	CALIFORNIA / NEVADA STATE LINE
40.89	40.89	INTERSECTION	N/A	NEVADA STATE ROUTE 267 TO SCOTTY'S JUNCTION

DEVA: Route Milepost Log

ROUTE 0012: BEATTY CUTOFF ROAD

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.00	0.00	INTERSECTION	L	ROUTE 5001 (CA-190 / DEATH VALLEY SCENIC BYWAY)
0.00	0.00	INTERSECTION	R	ROUTE 5001 (CA-190 / DEATH VALLEY SCENIC BYWAY)
5.66	5.66	INTERSECTION	R	ROUTE 0211 (KEANE WONDER MINE ROAD)
5.72	5.72	INTERSECTION	R	ROUTE 0211 (KEANE WONDER MINE ROAD)
10.07	10.07	INTERSECTION	L	ROUTE 0010 (DAYLIGHT PASS / MUD CANYON ROAD)
10.07	10.07	INTERSECTION	N/A	ROUTE 0010 (DAYLIGHT PASS / MUD CANYON ROAD)

DEVA: Route Milepost Log

ROUTE 0014AZ: EMIGRANT CANYON ROAD (SECTION A)

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.00	0.00	INTERSECTION	R	ROUTE 5001 (CA-190 / DEATH VALLEY SCENIC BYWAY)
0.00	0.00	INTERSECTION	L	ROUTE 5001 (CA-190 / DEATH VALLEY SCENIC BYWAY)
1.49	1.49	INTERSECTION	L	ROUTE 0284 (TUCKI MOUNTAIN ROAD / TELEPHONE CANYON ROAD)
6.69	6.69	INTERSECTION	R	UNPAVED ROUTE (JOURNIGAN'S MILL)
9.53	9.53	INTERSECTION	L	ROUTE 0219 (SKIDOO ROAD)
11.95	11.95	INTERSECTION	L	ROUTE 0216 (AGUEREBERRY POINT ROAD)
13.21	13.21	INTERSECTION	L	ROUTE 0285 (WOOD CANYON ROAD)
15.70	15.70	INTERSECTION	R	UNPAVED PARKING (EMIGRANT PASS AREA)
17.52	17.52	INTERSECTION	L	ROUTE 0324 (NEMO CANYON / CHRISTMAS MINE ROAD [ADMIN CLOSED])
19.12	19.12	INTERSECTION	R	ROUTE 0325 (NEMO CANYON SERVICE ROAD)
21.25	21.25	INTERSECTION	R	ROUTE 0014BZ (EMIGRANT CANYON ROAD (SECTION B))
21.25	21.25	INTERSECTION	N/A	ROUTE 0112 (CHARCOAL KILNS ROAD)

DEVA: Route Milepost Log

ROUTE 0015: BADWATER ROAD

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.00	0.00	INTERSECTION	L	ROUTE 5001 (CA-190 / DEATH VALLEY SCENIC BYWAY)
0.00	0.00	INTERSECTION	R	ROUTE 5001 (CA-190 / DEATH VALLEY SCENIC BYWAY)
0.56	0.56	INTERSECTION	L	ROUTE 0416 (BREAKFAST CANYON ROAD)
2.03	2.03	INTERSECTION	L	ROUTE 0915 (GOLDEN CANYON PARKING AREA)
3.71	3.71	INTERSECTION	L	ROUTE 0208 (DESOLATION CANYON ROAD)
4.82	4.82	INTERSECTION	L	ROUTE 0500 (ARTISTS DRIVE)
5.98	5.98	INTERSECTION	R	ROUTE 0110 (WEST SIDE ROAD)
8.61	8.61	INTERSECTION	L	ROUTE 0500 (ARTISTS DRIVE)
11.02	11.02	INTERSECTION	R	ROUTE 0228 (DEVIL'S GOLF COURSE ROAD)
13.06	13.06	INTERSECTION	L	ROUTE 0209 (NATURAL BRIDGE ROAD)
16.56	16.56	INTERSECTION	R	ROUTE 0917 (BADWATER PARKING AREA)
16.65	16.65	INTERSECTION	R	ROUTE 0917 (BADWATER PARKING AREA)
31.35	31.35	INTERSECTION	L	UNPAVED ROUTE (MIXING TABLE)
42.14	42.14	INTERSECTION	R	ROUTE 0110 (WEST SIDE ROAD)
43.91	43.91	INTERSECTION	R	ROUTE 0925 (ASHFORD MILL RUINS PARKING)
43.91	43.91	INTERSECTION	L	ROUTE 0224 (ASHFORD CANYON ROAD)
45.94	45.94	INTERSECTION	R	ROUTE 0107 (HARRY WADE ROAD)
46.03	46.03	INTERSECTION	R	ROUTE 0107 (HARRY WADE ROAD) SPUR
46.99	46.99	INTERSECTION	R	ROUTE 0431 (HARRY WADE MIXING TABLE ROAD)
47.40	47.40	INTERSECTION	R	ROUTE 0431 (HARRY WADE MIXING TABLE ROAD)
50.26	50.26	INTERSECTION	L	ROUTE 0222 (VIRGIN SPRINGS ROAD) / JUBILEE PASS ROAD
54.39	54.39	INTERSECTION	L	ROUTE 0221 (RHODES SPRINGS ROAD)
56.28	56.28	INTERSECTION	N/A	ROUTE 5003 (BADWATER ROAD (NON NPS) / CA-178)

DEVA: Route Milepost Log

ROUTE 0103: DANTE'S VIEW ROAD

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.00	0.00	INTERSECTION	L	ROUTE 5001 (CA-190 / DEATH VALLEY SCENIC BYWAY)
0.00	0.00	INTERSECTION	R	ROUTE 5001 (CA-190 / DEATH VALLEY SCENIC BYWAY)
0.03	0.03	INTERSECTION	L	ROUTE 0103 (DANTE'S VIEW ROAD) SPUR
1.42	1.42	INTERSECTION	R	UNPAVED ROUTE
1.47	1.47	INTERSECTION	R	UNPAVED ROUTE
2.42	2.42	INTERSECTION	R	UNPAVED ROUTE
2.43	2.43	INTERSECTION	L	UNPAVED ROUTE (RYAN ROAD / NON NPS)
7.58	7.58	INTERSECTION	R	ROUTE 0919 (DANTE'S VIEW TRAILER PARKING)
7.59	7.59	INTERSECTION	L	ROUTE 0226 (FURNACE CREEK WASH / GREENWATER VALLEY ROAD)
12.18	12.18	INTERSECTION	R	UNPAVED ROUTE
12.72	12.72	INTERSECTION	L	ROUTE 0926 (DANTE'S VIEW REST AREA PARKING)
12.75	12.75	INTERSECTION	L	ROUTE 0926 (DANTE'S VIEW REST AREA PARKING)
13.26	13.26	INTERSECTION	N/A	ROUTE 0920 (DANTE'S VIEW PARKING AREA)

DEVA: Route Milepost Log

ROUTE 0109: UBEHEBE CRATER ROAD

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.00	0.00	INTERSECTION	L	ROUTE 0011 (SCOTTY'S CASTLE ROAD / BONNIE CLAIRE)
0.00	0.00	INTERSECTION	R	ROUTE 0011 (SCOTTY'S CASTLE ROAD / BONNIE CLAIRE)
0.04	0.07	LOW WATER CROSSING	N/A	HIGH WATER FLOW AREA
1.60	1.60	INTERSECTION	R	ROUTE 0505 (LOWER VINE RANCH ROAD)
2.84	2.84	INTERSECTION	R	ROUTE 0108 (DEATH VALLEY / BIG PINE ROAD)
5.40	5.40	INTERSECTION	L	ROUTE 0109 (UBEHEBE CRATER ROAD)
5.40	5.40	ONE-WAY START	N/A	N/A
5.72	5.72	INTERSECTION	R	ROUTE 0225 (RACETRACK VALLEY ROAD)
6.05	6.05	INTERSECTION	R	ROUTE 0901AZ (UBEHEBE CRATER PARKING A)
6.05	6.05	INTERSECTION	L	ROUTE 0901BZ (UBEHEBE CRATER PARKING B)
6.28	6.28	INTERSECTION	L	ROUTE 0109 (UBEHEBE CRATER ROAD)
6.28	6.28	ONE-WAY END	N/A	N/A
6.28	6.28	INTERSECTION	N/A	ROUTE 0109 (UBEHEBE CRATER ROAD)

DEVA: Route Milepost Log

ROUTE 0112: CHARCOAL KILNS ROAD

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.00	0.00	INTERSECTION	N/A	ROUTE 0014AZ (EMIGRANT CANYON ROAD (SECTION A))
0.00	0.00	INTERSECTION	R	ROUTE 0014BZ (EMIGRANT CANYON ROAD (SECTION B))
0.08	0.08	INTERSECTION	L	ROUTE 0116 (WILDROSE CAMPGROUND ROAD)
0.35	0.35	INTERSECTION	R	ROUTE 0412 (WILDROSE RESIDENCE ROAD)
0.39	0.39	INTERSECTION	L	ROUTE 0906 (WILDROSE UTILITY AREA PARKING)
0.46	0.46	INTERSECTION	R	ROUTE 0412 (WILDROSE RESIDENCE ROAD)
1.24	1.24	INTERSECTION	R	ROUTE 0328 (ANTIMONY MINE ROAD)
4.06	4.06	INTERSECTION	R	ROUTE 0286 (PINYON MESA ROAD)
5.09	5.09	INTERSECTION	N/A	ROUTE 0231 (MAHOGANY FLATS ROAD)

DEVA: Route Milepost Log

ROUTE 0116: WILDROSE CAMPGROUND ROAD

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.00	0.00	INTERSECTION	L	ROUTE 0112 (CHARCOAL KILNS ROAD)
0.00	0.00	INTERSECTION	R	ROUTE 0112 (CHARCOAL KILNS ROAD)
0.09	0.09	INTERSECTION	N/A	ROUTE 0116 (WILDROSE CAMPGROUND ROAD) UNPAVED SECTION

DEVA: Route Milepost Log

ROUTE 0201AZ: FURNACE CREEK CAMPGROUND ENTRANCE AND LOOP A

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.00	0.00	INTERSECTION	R	ROUTE 5001 (CA-190 / DEATH VALLEY SCENIC BYWAY)
0.00	0.00	INTERSECTION	L	ROUTE 5001 (CA-190 / DEATH VALLEY SCENIC BYWAY)
0.16	0.16	INTERSECTION	L	ROUTE 0952AZ (FURNACE CREEK CAMPGROUND ENTRANCE KIOSK PARKING)
0.18	0.18	INTERSECTION	L	ROUTE 0201AZ (FURNACE CREEK CAMPGROUND ENTRANCE AND LOOP A)
0.18	0.18	ONE-WAY START	N/A	N/A
0.24	0.24	INTERSECTION	L	ROUTE 0952CZ (FURNACE CREEK CAMPGROUND RESTROOM 1 PARKING B)
0.27	0.27	INTERSECTION	R	ROUTE 0201DZ (FURNACE CREEK CAMPGROUND LOOP D (WALK-IN SITES))
0.28	0.28	INTERSECTION	R	ROUTE 0201DZ (FURNACE CREEK CAMPGROUND LOOP D (WALK-IN SITES)) SPUR
0.28	0.28	INTERSECTION	R	ROUTE 0201BZ (FURNACE CREEK CAMPGROUND LOOP B)
0.29	0.29	INTERSECTION	L	ROUTE 0201EZ (FURNACE CREEK CAMPGROUND LOOP A CUT-THROUGH)
0.31	0.31	INTERSECTION	L	ROUTE 0952DZ (FURNACE CREEK CAMPGROUND RESTROOM 2 PARKING)
0.38	0.38	INTERSECTION	R	ROUTE 0201BZ (FURNACE CREEK CAMPGROUND LOOP B)
0.43	0.43	INTERSECTION	R	ROUTE 0953 (FURNACE CREEK CAMPGROUND DUMP STATION PULLOUT)
0.43	0.43	INTERSECTION	L	ROUTE 0201EZ (FURNACE CREEK CAMPGROUND LOOP A CUT-THROUGH)
0.48	0.48	INTERSECTION	L	ROUTE 0952BZ (FURNACE CREEK CAMPGROUND RESTROOM 1 PARKING A)
0.54	0.54	INTERSECTION	L	ROUTE 0201AZ (FURNACE CREEK CAMPGROUND ENTRANCE AND LOOP A)
0.54	0.54	INTERSECTION	R	ROUTE 0201AZ (FURNACE CREEK CAMPGROUND ENTRANCE AND LOOP A)
0.54	0.54	ONE-WAY END	N/A	N/A

DEVA: Route Milepost Log

ROUTE 0201BZ: FURNACE CREEK CAMPGROUND LOOP B

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.00	0.00	ONE-WAY START	N/A	N/A
0.00	0.00	INTERSECTION	L	ROUTE 0201AZ (FURNACE CREEK CAMPGROUND ENTRANCE AND LOOP A)
0.00	0.00	INTERSECTION	R	ROUTE 0201AZ (FURNACE CREEK CAMPGROUND ENTRANCE AND LOOP A)
0.06	0.06	INTERSECTION	R	ROUTE 0201CZ (FURNACE CREEK CAMPGROUND LOOP C)
0.17	0.17	INTERSECTION	R	ROUTE 0201CZ (FURNACE CREEK CAMPGROUND LOOP C)
0.24	0.24	INTERSECTION	R	ROUTE 0953 (FURNACE CREEK CAMPGROUND DUMP STATION PULLOUT)
0.25	0.25	INTERSECTION	N/A	ROUTE 0201AZ (FURNACE CREEK CAMPGROUND ENTRANCE AND LOOP A)
0.25	0.25	ONE-WAY END	N/A	N/A
0.25	0.25	INTERSECTION	L	ROUTE 0201AZ (FURNACE CREEK CAMPGROUND ENTRANCE AND LOOP A)

DEVA: Route Milepost Log

ROUTE 0201CZ: FURNACE CREEK CAMPGROUND LOOP C

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.00	0.00	INTERSECTION	L	ROUTE 0201BZ (FURNACE CREEK CAMPGROUND LOOP B)
0.00	0.00	INTERSECTION	R	ROUTE 0201BZ (FURNACE CREEK CAMPGROUND LOOP B)
0.00	0.00	ONE-WAY START	N/A	N/A
0.03	0.03	INTERSECTION	R	ROUTE 0952LZ (FURNACE CREEK CAMPGROUND GROUP SITE 5 PARKING)
0.14	0.14	INTERSECTION	R	ROUTE 0952MZ (FURNACE CREEK CAMPGROUND RESTROOM 3 PARKING)
0.14	0.14	INTERSECTION	L	ROUTE 0201BZ (FURNACE CREEK CAMPGROUND LOOP B)
0.14	0.14	ONE-WAY END	N/A	N/A
0.14	0.14	INTERSECTION	N/A	ROUTE 0201BZ (FURNACE CREEK CAMPGROUND LOOP B)

DEVA: Route Milepost Log

ROUTE 0201DZ: FURNACE CREEK CAMPGROUND LOOP D (WALK-IN SITES)

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.00	0.00	ONE-WAY START	N/A	N/A
0.00	0.00	INTERSECTION	L	ROUTE 0201AZ (FURNACE CREEK CAMPGROUND ENTRANCE AND LOOP A)
0.00	0.00	INTERSECTION	R	ROUTE 0201AZ (FURNACE CREEK CAMPGROUND ENTRANCE AND LOOP A)
0.01	0.01	ONE-WAY END	N/A	N/A
0.01	0.01	INTERSECTION	L	ROUTE 0201DZ (FURNACE CREEK CAMPGROUND LOOP D (WALK-IN SITES)) SPUR
0.05	0.05	INTERSECTION	R	ROUTE 0201FZ (FURNACE CREEK CAMPGROUND GROUP SITE 1 UNPAVED LOOP)
0.07	0.07	INTERSECTION	R	ROUTE 0952EZ (FURNACE CREEK CAMPGROUND GROUP SITES 3 AND 4 PARKING)
0.11	0.11	INTERSECTION	L	ROUTE 0201DZ (FURNACE CREEK CAMPGROUND LOOP D (WALK-IN SITES))
0.11	0.11	ONE-WAY START	N/A	N/A
0.14	0.14	INTERSECTION	R	ROUTE 0952FZ (FURNACE CREEK CAMPGROUND SITE 115 PARKING)
0.14	0.14	INTERSECTION	L	UNPAVED PARKING (CAMPGROUND OVERFLOW PARKING)
0.16	0.16	INTERSECTION	R	ROUTE 0952GZ (FURNACE CREEK CAMPGROUND SITES 116-126 PARKING)
0.17	0.17	INTERSECTION	L	ROUTE 0952HZ (FURNACE CREEK CAMPGROUND INNER LOOP PARKING)
0.19	0.19	INTERSECTION	R	ROUTE 0952IZ (FURNACE CREEK CAMPGROUND SITES 127-132 PARKING)
0.20	0.20	INTERSECTION	L	UNPAVED PARKING (CAMPGROUND OVERFLOW PARKING)
0.21	0.21	INTERSECTION	R	ROUTE 0952JZ (FURNACE CREEK CAMPGROUND SITES 133-142 PARKING)
0.23	0.23	INTERSECTION	R	ROUTE 0952KZ (FURNACE CREEK CAMPGROUND SITES 143-148 PARKING)
0.24	0.24	INTERSECTION	L	ROUTE 0201DZ (FURNACE CREEK CAMPGROUND LOOP D (WALK-IN SITES))
0.24	0.24	INTERSECTION	N/A	ROUTE 0201DZ (FURNACE CREEK CAMPGROUND LOOP D (WALK-IN SITES))
0.24	0.24	ONE-WAY END	N/A	N/A

DEVA: Route Milepost Log

ROUTE 0201EZ: FURNACE CREEK CAMPGROUND LOOP A CUT-THROUGH

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.00	0.00	INTERSECTION	L	ROUTE 0201AZ (FURNACE CREEK CAMPGROUND ENTRANCE AND LOOP A)
0.00	0.00	INTERSECTION	R	ROUTE 0201AZ (FURNACE CREEK CAMPGROUND ENTRANCE AND LOOP A)
0.00	0.00	ONE-WAY START	N/A	N/A
0.04	0.04	INTERSECTION	L	ROUTE 0201AZ (FURNACE CREEK CAMPGROUND ENTRANCE AND LOOP A)
0.04	0.04	INTERSECTION	R	ROUTE 0201AZ (FURNACE CREEK CAMPGROUND ENTRANCE AND LOOP A)
0.04	0.04	ONE-WAY END	N/A	N/A

DEVA: Route Milepost Log

ROUTE 0202: FURNACE CREEK AIRPORT ROAD

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.00	0.00	INTERSECTION	L	ROUTE 5001 (CA-190 / DEATH VALLEY SCENIC BYWAY)
0.00	0.00	INTERSECTION	R	ROUTE 5001 (CA-190 / DEATH VALLEY SCENIC BYWAY)
0.01	0.01	INTERSECTION	R	ROUTE 0913 (FURNACE CREEK VISITOR CENTER PARKING)
0.03	0.03	INTERSECTION	R	ROUTE 0913 (FURNACE CREEK VISITOR CENTER PARKING)
0.48	0.48	INTERSECTION	L	UNPAVED ROUTE (GOLF COURSE ACCESS ROAD)
0.78	0.78	INTERSECTION	N/A	ROUTE 0930 (FURNACE CREEK AIRSTRIP PARKING)

DEVA: Route Milepost Log

ROUTE 0203AZ: SUNSET CAMPGROUND ROAD A

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.00	0.00	INTERSECTION	L	ROUTE 0203Z (SUNSET CAMPGROUND ACCESS ROAD)
0.00	0.00	INTERSECTION	R	ROUTE 0203Z (SUNSET CAMPGROUND ACCESS ROAD)
0.00	0.00	ONE-WAY START	N/A	N/A
0.15	0.15	INTERSECTION	R	ROUTE 0203Z (SUNSET CAMPGROUND ACCESS ROAD)
0.15	0.15	INTERSECTION	L	ROUTE 0203Z (SUNSET CAMPGROUND ACCESS ROAD)
0.15	0.15	ONE-WAY END	N/A	N/A

DEVA: Route Milepost Log

ROUTE 0203BZ: SUNSET CAMPGROUND ROAD B

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.00	0.00	INTERSECTION	L	ROUTE 0203Z (SUNSET CAMPGROUND ACCESS ROAD)
0.00	0.00	INTERSECTION	R	ROUTE 0203Z (SUNSET CAMPGROUND ACCESS ROAD)
0.00	0.00	ONE-WAY START	N/A	N/A
0.14	0.14	INTERSECTION	R	ROUTE 0203Z (SUNSET CAMPGROUND ACCESS ROAD)
0.14	0.14	INTERSECTION	L	ROUTE 0203Z (SUNSET CAMPGROUND ACCESS ROAD)
0.14	0.14	ONE-WAY END	N/A	N/A

DEVA: Route Milepost Log

ROUTE 0203CZ: SUNSET CAMPGROUND ROAD C

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.00	0.00	INTERSECTION	L	ROUTE 0203Z (SUNSET CAMPGROUND ACCESS ROAD)
0.00	0.00	INTERSECTION	R	ROUTE 0203Z (SUNSET CAMPGROUND ACCESS ROAD)
0.00	0.00	ONE-WAY START	N/A	N/A
0.13	0.13	INTERSECTION	R	ROUTE 0951 (SUNSET CAMPGROUND HANDICAPPED PARKING)
0.14	0.14	INTERSECTION	R	ROUTE 0203Z (SUNSET CAMPGROUND ACCESS ROAD)
0.14	0.14	INTERSECTION	L	ROUTE 0203Z (SUNSET CAMPGROUND ACCESS ROAD)
0.14	0.14	ONE-WAY END	N/A	N/A

DEVA: Route Milepost Log

ROUTE 0203DZ: SUNSET CAMPGROUND ROAD D

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.00	0.00	INTERSECTION	L	ROUTE 0203Z (SUNSET CAMPGROUND ACCESS ROAD)
0.00	0.00	INTERSECTION	R	ROUTE 0203Z (SUNSET CAMPGROUND ACCESS ROAD)
0.00	0.00	ONE-WAY START	N/A	N/A
0.02	0.02	INTERSECTION	R	ROUTE 0951 (SUNSET CAMPGROUND HANDICAPPED PARKING)
0.14	0.14	INTERSECTION	R	ROUTE 0203Z (SUNSET CAMPGROUND ACCESS ROAD)
0.14	0.14	ONE-WAY END	N/A	N/A
0.14	0.14	INTERSECTION	L	ROUTE 0203Z (SUNSET CAMPGROUND ACCESS ROAD)

DEVA: Route Milepost Log

ROUTE 0203EZ: SUNSET CAMPGROUND ROAD E

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.00	0.00	INTERSECTION	L	ROUTE 0203Z (SUNSET CAMPGROUND ACCESS ROAD)
0.00	0.00	INTERSECTION	R	ROUTE 0203Z (SUNSET CAMPGROUND ACCESS ROAD)
0.00	0.00	ONE-WAY START	N/A	N/A
0.13	0.13	INTERSECTION	L	ROUTE 0203Z (SUNSET CAMPGROUND ACCESS ROAD)
0.13	0.13	INTERSECTION	R	ROUTE 0203Z (SUNSET CAMPGROUND ACCESS ROAD)
0.13	0.13	ONE-WAY END	N/A	N/A

DEVA: Route Milepost Log

ROUTE 0203FZ: SUNSET CAMPGROUND ROAD F

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.00	0.00	ONE-WAY START	N/A	N/A
0.00	0.00	INTERSECTION	L	ROUTE 0203Z (SUNSET CAMPGROUND ACCESS ROAD)
0.00	0.00	INTERSECTION	R	ROUTE 0203Z (SUNSET CAMPGROUND ACCESS ROAD)
0.13	0.13	INTERSECTION	L	ROUTE 0203Z (SUNSET CAMPGROUND ACCESS ROAD)
0.13	0.13	INTERSECTION	R	ROUTE 0203Z (SUNSET CAMPGROUND ACCESS ROAD)
0.13	0.13	ONE-WAY END	N/A	N/A

DEVA: Route Milepost Log

ROUTE 0203GZ: SUNSET CAMPGROUND ROAD G

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.00	0.00	INTERSECTION	L	ROUTE 0203Z (SUNSET CAMPGROUND ACCESS ROAD)
0.00	0.00	INTERSECTION	R	ROUTE 0203Z (SUNSET CAMPGROUND ACCESS ROAD)
0.00	0.00	ONE-WAY START	N/A	N/A
0.12	0.12	INTERSECTION	R	ROUTE 0203Z (SUNSET CAMPGROUND ACCESS ROAD)
0.12	0.12	INTERSECTION	L	ROUTE 0203Z (SUNSET CAMPGROUND ACCESS ROAD)
0.12	0.12	ONE-WAY END	N/A	N/A

DEVA: Route Milepost Log

ROUTE 0203HZ: SUNSET CAMPGROUND ROAD H

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.00	0.00	INTERSECTION	R	ROUTE 0203Z (SUNSET CAMPGROUND ACCESS ROAD)
0.00	0.00	INTERSECTION	L	ROUTE 0203Z (SUNSET CAMPGROUND ACCESS ROAD)
0.00	0.00	ONE-WAY START	N/A	N/A
0.11	0.11	INTERSECTION	L	ROUTE 0203Z (SUNSET CAMPGROUND ACCESS ROAD)
0.11	0.11	INTERSECTION	R	ROUTE 0203Z (SUNSET CAMPGROUND ACCESS ROAD)
0.11	0.11	ONE-WAY END	N/A	N/A

DEVA: Route Milepost Log

ROUTE 0203IZ: SUNSET CAMPGROUND ROAD I

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.00	0.00	INTERSECTION	R	ROUTE 0203Z (SUNSET CAMPGROUND ACCESS ROAD)
0.00	0.00	INTERSECTION	L	ROUTE 0203Z (SUNSET CAMPGROUND ACCESS ROAD)
0.00	0.00	ONE-WAY START	N/A	N/A
0.08	0.08	INTERSECTION	R	ROUTE 0203Z (SUNSET CAMPGROUND ACCESS ROAD)
0.08	0.08	INTERSECTION	L	ROUTE 0203Z (SUNSET CAMPGROUND ACCESS ROAD)
0.08	0.08	ONE-WAY END	N/A	N/A

DEVA: Route Milepost Log

ROUTE 0203JZ: SUNSET CAMPGROUND ROAD J

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.00	0.00	INTERSECTION	L	ROUTE 0203Z (SUNSET CAMPGROUND ACCESS ROAD)
0.00	0.00	INTERSECTION	R	ROUTE 0203Z (SUNSET CAMPGROUND ACCESS ROAD)
0.00	0.00	ONE-WAY START	N/A	N/A
0.06	0.06	INTERSECTION	R	ROUTE 0203Z (SUNSET CAMPGROUND ACCESS ROAD)
0.06	0.06	ONE-WAY END	N/A	N/A
0.06	0.06	INTERSECTION	L	ROUTE 0203Z (SUNSET CAMPGROUND ACCESS ROAD)

DEVA: Route Milepost Log

ROUTE 0203Z: SUNSET CAMPGROUND ACCESS ROAD

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.00	0.00	INTERSECTION	R	ROUTE 0204A (TEXAS SPRING / SUNSET CAMPGROUND ACCESS ROAD)
0.00	0.00	INTERSECTION	L	ROUTE 0204A (TEXAS SPRING / SUNSET CAMPGROUND ACCESS ROAD)
0.12	0.12	INTERSECTION	R	UNPAVED PARKING (CAMPING OVERFLOW X)
0.17	0.17	INTERSECTION	L	ROUTE 0203Z (SUNSET CAMPGROUND ACCESS ROAD)
0.19	0.19	INTERSECTION	L	ROUTE 0203AZ (SUNSET CAMPGROUND ROAD A)
0.21	0.21	INTERSECTION	L	ROUTE 0203BZ (SUNSET CAMPGROUND ROAD B)
0.23	0.23	INTERSECTION	L	ROUTE 0203CZ (SUNSET CAMPGROUND ROAD C)
0.25	0.25	INTERSECTION	L	ROUTE 0203DZ (SUNSET CAMPGROUND ROAD D)
0.26	0.26	INTERSECTION	L	ROUTE 0203EZ (SUNSET CAMPGROUND ROAD E)
0.28	0.28	INTERSECTION	L	ROUTE 0203FZ (SUNSET CAMPGROUND ROAD F)
0.31	0.31	INTERSECTION	L	ROUTE 0203GZ (SUNSET CAMPGROUND ROAD G)
0.33	0.33	INTERSECTION	L	ROUTE 0203HZ (SUNSET CAMPGROUND ROAD H)
0.34	0.34	INTERSECTION	R	UNPAVED PARKING (CAMPING OVERFLOW)
0.36	0.36	INTERSECTION	L	ROUTE 0203IZ (SUNSET CAMPGROUND ROAD I)
0.38	0.38	INTERSECTION	R	ROUTE 0942 (SUNSET CAMPGROUND DUMP STATION PULLOUT)
0.38	0.38	INTERSECTION	L	ROUTE 0203JZ (SUNSET CAMPGROUND ROAD J)
0.41	0.41	INTERSECTION	R	ROUTE 0942 (SUNSET CAMPGROUND DUMP STATION PULLOUT)
0.46	0.46	INTERSECTION	L	ROUTE 0203JZ (SUNSET CAMPGROUND ROAD J)
0.48	0.48	INTERSECTION	L	ROUTE 0203IZ (SUNSET CAMPGROUND ROAD I)
0.49	0.49	INTERSECTION	L	ROUTE 0203HZ (SUNSET CAMPGROUND ROAD H)
0.51	0.51	INTERSECTION	L	ROUTE 0203GZ (SUNSET CAMPGROUND ROAD G)
0.53	0.53	INTERSECTION	L	ROUTE 0203FZ (SUNSET CAMPGROUND ROAD F)
0.55	0.55	INTERSECTION	L	ROUTE 0203EZ (SUNSET CAMPGROUND ROAD E)
0.56	0.56	INTERSECTION	L	ROUTE 0203DZ (SUNSET CAMPGROUND ROAD D)
0.58	0.58	INTERSECTION	L	ROUTE 0203CZ (SUNSET CAMPGROUND ROAD C)
0.59	0.59	INTERSECTION	L	ROUTE 0203BZ (SUNSET CAMPGROUND ROAD B)
0.61	0.61	INTERSECTION	L	ROUTE 0203AZ (SUNSET CAMPGROUND ROAD A)

DEVA: Route Milepost Log

ROUTE 0203Z: SUNSET CAMPGROUND ACCESS ROAD

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.75	0.75	INTERSECTION	R	UNPAVED PARKING (CAMPING OVERFLOW Y)
0.77	0.77	INTERSECTION	L	ROUTE 0203Z (SUNSET CAMPGROUND ACCESS ROAD)
0.77	0.77	INTERSECTION	R	ROUTE 0203Z (SUNSET CAMPGROUND ACCESS ROAD)

DEVA: Route Milepost Log

ROUTE 0204A: TEXAS SPRING / SUNSET CAMPGROUND ACCESS ROAD

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.00	0.00	INTERSECTION	R	ROUTE 5001 (CA-190 / DEATH VALLEY SCENIC BYWAY)
0.00	0.00	INTERSECTION	N/A	ROUTE 0206 (TIMBISHA SHOSHONE VILLAGE ROAD)
0.00	0.00	INTERSECTION	L	ROUTE 5001 (CA-190 / DEATH VALLEY SCENIC BYWAY)
0.28	0.28	INTERSECTION	L	ROUTE 0203Z (SUNSET CAMPGROUND ACCESS ROAD)
0.43	0.43	INTERSECTION	R	ROUTE 0419 (TRAVERTINE SPRINGS SERVICE ROAD)
0.52	0.52	INTERSECTION	L	ROUTE 0935 (TEXAS SPRINGS DUMP STATION PULLOUT)
0.55	0.55	INTERSECTION	L	ROUTE 0935 (TEXAS SPRINGS DUMP STATION PULLOUT)
0.66	0.66	INTERSECTION	R	ROUTE 0204BBZ (TEXAS SPRING CAMPGROUND LOOP B)
0.66	0.66	INTERSECTION	N/A	ROUTE 0204BAZ (TEXAS SPRING CAMPGROUND LOOP A)
0.66	0.66	INTERSECTION	L	ROUTE 0204BIZ (TEXAS SPRING CAMPGROUND LOOP I)

DEVA: Route Milepost Log

ROUTE 0204BAZ: TEXAS SPRING CAMPGROUND LOOP A

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.00	0.00	INTERSECTION	N/A	ROUTE 0204A (TEXAS SPRING / SUNSET CAMPGROUND ACCESS ROAD)
0.00	0.00	INTERSECTION	R	ROUTE 0204BBZ (TEXAS SPRING CAMPGROUND LOOP B)
0.01	0.01	INTERSECTION	L	ROUTE 0204BIZ (TEXAS SPRING CAMPGROUND LOOP I)
0.07	0.07	INTERSECTION	R	ROUTE 0204BBZ (TEXAS SPRING CAMPGROUND LOOP B)
0.07	0.07	INTERSECTION	L	ROUTE 0204BBZ (TEXAS SPRING CAMPGROUND LOOP B)
0.10	0.10	INTERSECTION	R	ROUTE 0204BCZ (TEXAS SPRING CAMPGROUND LOOP C)
0.12	0.12	INTERSECTION	L	ROUTE 0204BIZ (TEXAS SPRING CAMPGROUND LOOP I)
0.16	0.16	INTERSECTION	R	ROUTE 0204BCZ (TEXAS SPRING CAMPGROUND LOOP C)
0.17	0.17	INTERSECTION	L	ROUTE 0204BAZ (TEXAS SPRING CAMPGROUND LOOP A)
0.18	0.18	INTERSECTION	L	ROUTE 0204BFZ (TEXAS SPRING CAMPGROUND LOOP F)
0.20	0.20	INTERSECTION	L	ROUTE 0204BEZ (TEXAS SPRING CAMPGROUND LOOP E)
0.23	0.23	INTERSECTION	L	ROUTE 0204BDZ (TEXAS SPRING CAMPGROUND LOOP D)
0.33	0.33	INTERSECTION	L	ROUTE 0204BDZ (TEXAS SPRING CAMPGROUND LOOP D)
0.35	0.35	INTERSECTION	L	ROUTE 0204BEZ (TEXAS SPRING CAMPGROUND LOOP E)
0.36	0.36	INTERSECTION	L	ROUTE 0204BFZ (TEXAS SPRING CAMPGROUND LOOP F)
0.39	0.39	INTERSECTION	R	ROUTE 0954 (TEXAS SPRINGS CAMPGROUND GROUP PARKING)
0.41	0.41	INTERSECTION	L	ROUTE 0204BGZ (TEXAS SPRING CAMPGROUND LOOP G)
0.43	0.43	INTERSECTION	L	ROUTE 0204BHZ (TEXAS SPRING CAMPGROUND LOOP H)
0.56	0.56	INTERSECTION	N/A	ROUTE 0204BAZ (TEXAS SPRING CAMPGROUND LOOP A)
0.56	0.56	INTERSECTION	L	ROUTE 0204BAZ (TEXAS SPRING CAMPGROUND LOOP A)

DEVA: Route Milepost Log

ROUTE 0204BBZ: TEXAS SPRING CAMPGROUND LOOP B

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.00	0.00	INTERSECTION	L	ROUTE 0204BAZ (TEXAS SPRING CAMPGROUND LOOP A)
0.00	0.00	INTERSECTION	N/A	ROUTE 0204BIZ (TEXAS SPRING CAMPGROUND LOOP I)
0.00	0.00	INTERSECTION	R	ROUTE 0204A (TEXAS SPRING / SUNSET CAMPGROUND ACCESS ROAD)
0.10	0.10	INTERSECTION	R	ROUTE 0204BAZ (TEXAS SPRING CAMPGROUND LOOP A)
0.10	0.10	INTERSECTION	L	ROUTE 0204BAZ (TEXAS SPRING CAMPGROUND LOOP A)
0.14	0.14	INTERSECTION	R	ROUTE 0204BIZ (TEXAS SPRING CAMPGROUND LOOP I)
0.14	0.14	INTERSECTION	L	ROUTE 0204BIZ (TEXAS SPRING CAMPGROUND LOOP I)

DEVA: Route Milepost Log

ROUTE 0204BCZ: TEXAS SPRING CAMPGROUND LOOP C

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.00	0.00	INTERSECTION	L	ROUTE 0204BAZ (TEXAS SPRING CAMPGROUND LOOP A)
0.00	0.00	INTERSECTION	R	ROUTE 0204BAZ (TEXAS SPRING CAMPGROUND LOOP A)
0.10	0.10	INTERSECTION	R	ROUTE 0204BAZ (TEXAS SPRING CAMPGROUND LOOP A)
0.10	0.10	INTERSECTION	L	ROUTE 0204BAZ (TEXAS SPRING CAMPGROUND LOOP A)

DEVA: Route Milepost Log

ROUTE 0204BDZ: TEXAS SPRING CAMPGROUND LOOP D

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.00	0.00	INTERSECTION	R	ROUTE 0204BAZ (TEXAS SPRING CAMPGROUND LOOP A)
0.00	0.00	INTERSECTION	L	ROUTE 0204BAZ (TEXAS SPRING CAMPGROUND LOOP A)
0.09	0.09	INTERSECTION	L	ROUTE 0204BAZ (TEXAS SPRING CAMPGROUND LOOP A)
0.09	0.09	INTERSECTION	R	ROUTE 0204BAZ (TEXAS SPRING CAMPGROUND LOOP A)

DEVA: Route Milepost Log

ROUTE 0204BEZ: TEXAS SPRING CAMPGROUND LOOP E

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.00	0.00	INTERSECTION	R	ROUTE 0204BAZ (TEXAS SPRING CAMPGROUND LOOP A)
0.00	0.00	INTERSECTION	L	ROUTE 0204BAZ (TEXAS SPRING CAMPGROUND LOOP A)
0.10	0.10	INTERSECTION	R	ROUTE 0204BAZ (TEXAS SPRING CAMPGROUND LOOP A)
0.10	0.10	INTERSECTION	L	ROUTE 0204BAZ (TEXAS SPRING CAMPGROUND LOOP A)

DEVA: Route Milepost Log

ROUTE 0204BFZ: TEXAS SPRING CAMPGROUND LOOP F

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.00	0.00	INTERSECTION	N/A	ROUTE 0204BAZ (TEXAS SPRING CAMPGROUND LOOP A)
0.00	0.00	INTERSECTION	R	ROUTE 0204BAZ (TEXAS SPRING CAMPGROUND LOOP A)
0.02	0.02	INTERSECTION	L	ROUTE 0204BHZ (TEXAS SPRING CAMPGROUND LOOP H)
0.03	0.03	INTERSECTION	L	ROUTE 0204BGZ (TEXAS SPRING CAMPGROUND LOOP G)
0.11	0.11	INTERSECTION	L	ROUTE 0204BAZ (TEXAS SPRING CAMPGROUND LOOP A)
0.11	0.11	INTERSECTION	R	ROUTE 0204BAZ (TEXAS SPRING CAMPGROUND LOOP A)

DEVA: Route Milepost Log

ROUTE 0204BGZ: TEXAS SPRING CAMPGROUND LOOP G

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.00	0.00	INTERSECTION	R	ROUTE 0204BFZ (TEXAS SPRING CAMPGROUND LOOP F)
0.00	0.00	INTERSECTION	L	ROUTE 0204BFZ (TEXAS SPRING CAMPGROUND LOOP F)
0.08	0.08	INTERSECTION	R	ROUTE 0204BAZ (TEXAS SPRING CAMPGROUND LOOP A)
0.08	0.08	INTERSECTION	L	ROUTE 0204BAZ (TEXAS SPRING CAMPGROUND LOOP A)

DEVA: Route Milepost Log

ROUTE 0204BHZ: TEXAS SPRING CAMPGROUND LOOP H

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.00	0.00	INTERSECTION	L	ROUTE 0204BFZ (TEXAS SPRING CAMPGROUND LOOP F)
0.00	0.00	INTERSECTION	R	ROUTE 0204BFZ (TEXAS SPRING CAMPGROUND LOOP F)
0.09	0.09	INTERSECTION	L	ROUTE 0204BAZ (TEXAS SPRING CAMPGROUND LOOP A)
0.09	0.09	INTERSECTION	R	ROUTE 0204BAZ (TEXAS SPRING CAMPGROUND LOOP A)

DEVA: Route Milepost Log

ROUTE 0204BIZ: TEXAS SPRING CAMPGROUND LOOP I

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.00	0.00	INTERSECTION	L	ROUTE 0204A (TEXAS SPRING / SUNSET CAMPGROUND ACCESS ROAD)
0.00	0.00	INTERSECTION	R	ROUTE 0204BAZ (TEXAS SPRING CAMPGROUND LOOP A)
0.00	0.00	INTERSECTION	N/A	ROUTE 0204BBZ (TEXAS SPRING CAMPGROUND LOOP B)
0.04	0.04	INTERSECTION	R	ROUTE 0204BBZ (TEXAS SPRING CAMPGROUND LOOP B)
0.13	0.13	INTERSECTION	R	ROUTE 0204BAZ (TEXAS SPRING CAMPGROUND LOOP A)
0.13	0.13	INTERSECTION	L	ROUTE 0204BAZ (TEXAS SPRING CAMPGROUND LOOP A)

DEVA: Route Milepost Log

ROUTE 0206: TIMBISHA SHOSHONE VILLAGE ROAD

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.00	0.00	INTERSECTION	L	ROUTE 5001 (CA-190 / DEATH VALLEY SCENIC BYWAY)
0.00	0.00	INTERSECTION	N/A	ROUTE 0204A (TEXAS SPRING / SUNSET CAMPGROUND ACCESS ROAD)
0.00	0.00	INTERSECTION	R	ROUTE 5001 (CA-190 / DEATH VALLEY SCENIC BYWAY)
0.47	0.47	INTERSECTION	L	UNPAVED ROUTE
0.52	0.52	INTERSECTION	R	UNPAVED PARKING (RESERVATION VISITOR CENTER)
0.54	0.54	INTERSECTION	R	UNPAVED PARKING (RESERVATION VISITOR CENTER)
0.56	0.56	INTERSECTION	L	UNPAVED ROUTE
0.56	0.56	INTERSECTION	R	UNPAVED PARKING (RESERVATION VISITOR CENTER)
0.61	0.61	INTERSECTION	N/A	TUMPISA LOOP
0.61	0.61	INTERSECTION	R	TUMPISA LOOP
0.61	0.61	INTERSECTION	L	TATSIUMPI STREET

DEVA: Route Milepost Log

ROUTE 0212A: MESQUITE SPRING CAMPGROUND ACCESS ROAD

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.00	0.00	INTERSECTION	L	ROUTE 0011 (SCOTTY'S CASTLE ROAD / BONNIE CLAIRE)
0.00	0.00	INTERSECTION	R	ROUTE 0011 (SCOTTY'S CASTLE ROAD / BONNIE CLAIRE)
1.77	1.77	INTERSECTION	L	UNPAVED TURNAROUND
1.81	1.81	INTERSECTION	L	UNPAVED TURNAROUND
1.88	1.88	INTERSECTION	R	ROUTE 0212BAZ (MESQUITE SPRING CAMPGROUND ROAD A, OUTER LOOP)
1.88	1.88	INTERSECTION	N/A	ROUTE 0212BAZ (MESQUITE SPRING CAMPGROUND ROAD A, OUTER LOOP)

DEVA: Route Milepost Log

ROUTE 0212BAZ: MESQUITE SPRING CAMPGROUND ROAD A, OUTER LOOP

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.00	0.00	INTERSECTION	L	ROUTE 0212BAZ (MESQUITE SPRING CAMPGROUND ROAD A, OUTER LOOP)
0.00	0.00	INTERSECTION	N/A	ROUTE 0212A (MESQUITE SPRING CAMPGROUND ACCESS ROAD)
0.04	0.04	INTERSECTION	L	ROUTE 0212BBZ (MESQUITE SPRING CAMPGROUND ROAD B)
0.06	0.06	INTERSECTION	L	ROUTE 0212BCZ (MESQUITE SPRING CAMPGROUND ROAD C)
0.09	0.09	INTERSECTION	L	ROUTE 0212BDZ (MESQUITE SPRING CAMPGROUND ROAD D)
0.11	0.11	INTERSECTION	L	ROUTE 0212BEZ (MESQUITE SPRING CAMPGROUND ROAD E)
0.17	0.17	INTERSECTION	L	ROUTE 0212BFZ (MESQUITE SPRING CAMPGROUND ROAD F)
0.29	0.29	INTERSECTION	L	ROUTE 0212BFZ (MESQUITE SPRING CAMPGROUND ROAD F)
0.34	0.34	INTERSECTION	L	ROUTE 0212BEZ (MESQUITE SPRING CAMPGROUND ROAD E)
0.43	0.43	INTERSECTION	L	ROUTE 0212BDZ (MESQUITE SPRING CAMPGROUND ROAD D)
0.50	0.50	INTERSECTION	L	ROUTE 0212BCZ (MESQUITE SPRING CAMPGROUND ROAD C)
0.55	0.55	INTERSECTION	L	ROUTE 0212BBZ (MESQUITE SPRING CAMPGROUND ROAD B)
0.60	0.60	INTERSECTION	L	ROUTE 0212BAZ (MESQUITE SPRING CAMPGROUND ROAD A, OUTER LOOP)
0.60	0.60	INTERSECTION	N/A	ROUTE 0212A (MESQUITE SPRING CAMPGROUND ACCESS ROAD)

DEVA: Route Milepost Log

ROUTE 0212BBZ: MESQUITE SPRING CAMPGROUND ROAD B

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.00	0.00	INTERSECTION	R	ROUTE 0212BAZ (MESQUITE SPRING CAMPGROUND ROAD A, OUTER LOOP)
0.00	0.00	INTERSECTION	L	ROUTE 0212BAZ (MESQUITE SPRING CAMPGROUND ROAD A, OUTER LOOP)
0.03	0.03	INTERSECTION	R	UNPAVED PARKING (RESTROOM PULLOUT)
0.05	0.05	INTERSECTION	L	ROUTE 0212BAZ (MESQUITE SPRING CAMPGROUND ROAD A, OUTER LOOP)
0.05	0.05	INTERSECTION	R	ROUTE 0212BAZ (MESQUITE SPRING CAMPGROUND ROAD A, OUTER LOOP)

DEVA: Route Milepost Log

ROUTE 0212BCZ: MESQUITE SPRING CAMPGROUND ROAD C

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.00	0.00	INTERSECTION	L	ROUTE 0212BAZ (MESQUITE SPRING CAMPGROUND ROAD A, OUTER LOOP)
0.00	0.00	INTERSECTION	R	ROUTE 0212BAZ (MESQUITE SPRING CAMPGROUND ROAD A, OUTER LOOP)
0.09	0.09	INTERSECTION	L	ROUTE 0212BAZ (MESQUITE SPRING CAMPGROUND ROAD A, OUTER LOOP)
0.09	0.09	INTERSECTION	R	ROUTE 0212BAZ (MESQUITE SPRING CAMPGROUND ROAD A, OUTER LOOP)

DEVA: Route Milepost Log

ROUTE 0212BDZ: MESQUITE SPRING CAMPGROUND ROAD D

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.00	0.00	INTERSECTION	R	ROUTE 0212BAZ (MESQUITE SPRING CAMPGROUND ROAD A, OUTER LOOP)
0.00	0.00	INTERSECTION	L	ROUTE 0212BAZ (MESQUITE SPRING CAMPGROUND ROAD A, OUTER LOOP)
0.09	0.09	INTERSECTION	L	ROUTE 0212BAZ (MESQUITE SPRING CAMPGROUND ROAD A, OUTER LOOP)
0.09	0.09	INTERSECTION	R	ROUTE 0212BAZ (MESQUITE SPRING CAMPGROUND ROAD A, OUTER LOOP)

DEVA: Route Milepost Log

ROUTE 0212BEZ: MESQUITE SPRING CAMPGROUND ROAD E

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.00	0.00	INTERSECTION	R	ROUTE 0212BAZ (MESQUITE SPRING CAMPGROUND ROAD A, OUTER LOOP)
0.00	0.00	INTERSECTION	L	ROUTE 0212BAZ (MESQUITE SPRING CAMPGROUND ROAD A, OUTER LOOP)
0.03	0.03	INTERSECTION	L	UNPAVED PARKING (BATHROOM PULLOUT)
0.05	0.05	INTERSECTION	L	ROUTE 0212BAZ (MESQUITE SPRING CAMPGROUND ROAD A, OUTER LOOP)
0.05	0.05	INTERSECTION	R	ROUTE 0212BAZ (MESQUITE SPRING CAMPGROUND ROAD A, OUTER LOOP)

DEVA: Route Milepost Log

ROUTE 0212BFZ: MESQUITE SPRING CAMPGROUND ROAD F

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.00	0.00	INTERSECTION	L	ROUTE 0212BAZ (MESQUITE SPRING CAMPGROUND ROAD A, OUTER LOOP)
0.00	0.00	INTERSECTION	R	ROUTE 0212BAZ (MESQUITE SPRING CAMPGROUND ROAD A, OUTER LOOP)
0.04	0.04	INTERSECTION	R	ROUTE 0212BAZ (MESQUITE SPRING CAMPGROUND ROAD A, OUTER LOOP)
0.04	0.04	INTERSECTION	L	ROUTE 0212BAZ (MESQUITE SPRING CAMPGROUND ROAD A, OUTER LOOP)

DEVA: Route Milepost Log

ROUTE 0230: STOVEPIPE WELLS LANDING STRIP ROAD

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.00	0.00	INTERSECTION	R	ROUTE 5001 (CA-190 / DEATH VALLEY SCENIC BYWAY)
0.00	0.00	INTERSECTION	L	ROUTE 5001 (CA-190 / DEATH VALLEY SCENIC BYWAY)
0.06	0.06	INTERSECTION	R	ROUTE 0331 (STOVEPIPE WELLS CONCESSIONS CAMPGROUND ROAD)
0.10	0.10	INTERSECTION	R	UNPAVED ROUTE (STOVEPIPE WELLS NPS CAMPGROUND)
0.49	0.49	INTERSECTION	R	ROUTE 0280 (COTTONWOOD CANYON ROAD)
0.51	0.51	INTERSECTION	N/A	ROUTE 0950 (STOVEPIPE WELLS AIRSTRIP PARKING)

DEVA: Route Milepost Log

ROUTE 0329: STOVEPIPE WELLS HOUSING ROAD

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.00	0.00	INTERSECTION	L	ROUTE 5001 (CA-190 / DEATH VALLEY SCENIC BYWAY)
0.00	0.00	INTERSECTION	N/A	ROUTE 0939CZ (STOVEPIPE WELLS VILLAGE GAS STATION)
0.00	0.00	INTERSECTION	R	ROUTE 5001 (CA-190 / DEATH VALLEY SCENIC BYWAY)
0.01	0.01	INTERSECTION	R	ROUTE 0939BZ (STOVEPIPE WELLS VILLAGE SALOON PARKING)
0.06	0.06	INTERSECTION	R	ROUTE 0939EZ (STOVEPIPE WELLS VILLAGE 49ER ROOMS PARKING)
0.08	0.08	INTERSECTION	L	ROUTE 0939FZ (STOVEPIPE WELLS VILLAGE ROADRUNNER PARKING)
0.10	0.10	INTERSECTION	R	UNPAVED ROUTE
0.13	0.13	INTERSECTION	R	UNPAVED ROUTE
0.16	0.16	INTERSECTION	R	PAVED ROUTE (FIRE STATION ACCESS)
0.21	0.21	INTERSECTION	N/A	DEAD END AT HOUSING AREA DRIVEWAYS

DEVA: Route Milepost Log

ROUTE 0331: STOVEPIPE WELLS CONCESSIONS CAMPGROUND ROAD

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.00	0.00	INTERSECTION	L	ROUTE 0230 (STOVEPIPE WELLS LANDING STRIP ROAD)
0.00	0.00	INTERSECTION	R	ROUTE 0230 (STOVEPIPE WELLS LANDING STRIP ROAD)
0.01	0.01	INTERSECTION	L	UNPAVED ROUTE (STOVEPIPE WELLS NPS CAMPGROUND)
0.04	0.04	INTERSECTION	R	ROUTE 0939DZ (STOVEPIPE WELLS VILLAGE GENERAL STORE PARKING)
0.05	0.05	INTERSECTION	L	UNPAVED ROUTE (CAMPGROUND ROAD)
0.13	0.13	INTERSECTION	R	ROUTE 0331 (STOVEPIPE WELLS CONCESSIONS CAMPGROUND ROAD) UNPAVED SECTION
0.13	0.13	INTERSECTION	L	ROUTE 0331 (STOVEPIPE WELLS CONCESSIONS CAMPGROUND ROAD) UNPAVED SECTION

DEVA: Route Milepost Log

ROUTE 0400AZ: COW CREEK SERVICE ROAD

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.00	0.00	INTERSECTION	L	ROUTE 5001 (CA-190 / DEATH VALLEY SCENIC BYWAY)
0.00	0.00	INTERSECTION	R	ROUTE 5001 (CA-190 / DEATH VALLEY SCENIC BYWAY)
0.09	0.09	INTERSECTION	L	UNPAVED ROUTE (UTILITY BUILDING)
0.12	0.12	INTERSECTION	R	ROUTE 0408 (SALT PAN VISTA ROAD)
0.24	0.24	INTERSECTION	L	ROUTE 0401 (OLD GHOST ROAD)
0.31	0.31	INTERSECTION	R	ROUTE 0909AZ (COW CREEK ADMINISTRATIVE PARKING A)
0.34	0.34	INTERSECTION	L	ROUTE 0909CZ (COW CREEK ADMINISTRATIVE PARKING C)
0.35	0.35	INTERSECTION	R	ROUTE 0909BZ (COW CREEK ADMINISTRATIVE PARKING B)
0.39	0.39	INTERSECTION	L	ROUTE 0909DZ (COW CREEK ADMINISTRATIVE PARKING D)
0.40	0.40	INTERSECTION	L	UNPAVED ROUTE
0.40	0.40	INTERSECTION	R	ROUTE 0910A (COW CREEK MAINTENANCE YARD PARKING)
0.48	0.48	INTERSECTION	R	ROUTE 0400BZ (COW CREEK SERVICE ROAD SPUR)
0.51	0.51	INTERSECTION	L	UNPAVED PARKING (VOLLEYBALL COURTS)
0.53	0.53	INTERSECTION	N/A	ROUTE 0911 (FIRE RESERVOIR PARKING)

DEVA: Route Milepost Log

ROUTE 0400BZ: COW CREEK SERVICE ROAD SPUR

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.00	0.00	INTERSECTION	L	ROUTE 0400AZ (COW CREEK SERVICE ROAD)
0.00	0.00	INTERSECTION	R	ROUTE 0400AZ (COW CREEK SERVICE ROAD)
0.02	0.02	INTERSECTION	L	ROUTE 0941 (COW CREEK MAINTENANCE ADMINISTRATIVE PARKING (CURATORIAL AND RESEARCH FACILITY))
0.04	0.04	INTERSECTION	R	UNPAVED PARKING
0.05	0.05	INTERSECTION	L	UNPAVED PARKING
0.07	0.07	INTERSECTION	R	ROUTE 0910A (COW CREEK MAINTENANCE YARD PARKING)
0.08	0.08	INTERSECTION	N/A	PAVED ROUTE (CALTRANS MAINTENANCE STATION PARKING / NON NPS)

DEVA: Route Milepost Log

ROUTE 0401: OLD GHOST ROAD

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.00	0.00	INTERSECTION	L	ROUTE 0400AZ (COW CREEK SERVICE ROAD)
0.00	0.00	INTERSECTION	R	ROUTE 0400AZ (COW CREEK SERVICE ROAD)
0.04	0.04	INTERSECTION	R	ROUTE 0415 (SIMS CIRCLE RV PARK ROAD)
0.08	0.08	INTERSECTION	R	ROUTE 0908 (SIMS CIRCLE PARKING)
0.46	0.46	INTERSECTION	R	ROUTE 0402 (SKYLINE ROAD)
1.14	1.14	INTERSECTION	L	ROUTE 0507 (CANYON VIEW COURT)
1.30	1.30	INTERSECTION	L	ROUTE 0405 (NEVARES ROAD)
1.30	1.30	INTERSECTION	N/A	ROUTE 0402 (SKYLINE ROAD)

DEVA: Route Milepost Log

ROUTE 0402: SKYLINE ROAD

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.00	0.00	INTERSECTION	N/A	ROUTE 0401 (OLD GHOST ROAD)
0.00	0.00	INTERSECTION	L	ROUTE 0405 (NEVARES ROAD)
0.04	0.04	INTERSECTION	L	ROUTE 0430 (SKYLINE LOOP ROAD)
0.20	0.20	INTERSECTION	R	ROUTE 0506 (DONNIE LANE)
0.24	0.24	INTERSECTION	L	ROUTE 0403 (COYOTE LOOP ROAD)
0.83	0.83	INTERSECTION	L	ROUTE 0401 (OLD GHOST ROAD)
0.83	0.83	INTERSECTION	R	ROUTE 0401 (OLD GHOST ROAD)

DEVA: Route Milepost Log

ROUTE 0403: COYOTE LOOP ROAD

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.00	0.00	INTERSECTION	L	ROUTE 0402 (SKYLINE ROAD)
0.00	0.00	INTERSECTION	R	ROUTE 0402 (SKYLINE ROAD)
0.01	0.01	INTERSECTION	L	ROUTE 0403 (COYOTE LOOP ROAD)
0.28	0.28	INTERSECTION	L	ROUTE 0403 (COYOTE LOOP ROAD)
0.28	0.28	INTERSECTION	N/A	ROUTE 0403 (COYOTE LOOP ROAD)

DEVA: Route Milepost Log

ROUTE 0405: NEVARES ROAD

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.00	0.00	INTERSECTION	L	ROUTE 0401 (OLD GHOST ROAD)
0.00	0.00	INTERSECTION	R	ROUTE 0402 (SKYLINE ROAD)
0.03	0.03	INTERSECTION	L	PAVED ROUTE (LIBRARY ACCESS / NON NPS)
0.03	0.03	INTERSECTION	R	ROUTE 0430 (SKYLINE LOOP ROAD)
0.07	0.07	INTERSECTION	N/A	ROUTE 0405 (NEVARES ROAD) UNPAVED SECTION

DEVA: Route Milepost Log

ROUTE 0407Z: GRAPEVINE SERVICE ROAD

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.00	0.00	INTERSECTION	R	ROUTE 0011 (SCOTTY'S CASTLE ROAD / BONNIE CLAIRE)
0.00	0.00	INTERSECTION	L	ROUTE 0011 (SCOTTY'S CASTLE ROAD / BONNIE CLAIRE)
0.03	0.03	INTERSECTION	R	ROUTE 0409Z (GRAPEVINE RESIDENCE ROAD)
0.04	0.04	INTERSECTION	R	UNPAVED ROUTE (RV PARKING)
0.06	0.06	INTERSECTION	N/A	ROUTE 0928 (GRAPEVINE MAINTENANCE AREA PARKING)

DEVA: Route Milepost Log

ROUTE 0408: SALT PAN VISTA ROAD

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.00	0.00	INTERSECTION	L	ROUTE 0400AZ (COW CREEK SERVICE ROAD)
0.00	0.00	INTERSECTION	R	ROUTE 0400AZ (COW CREEK SERVICE ROAD)
0.08	0.08	INTERSECTION	R	ROUTE 0428 (COW CREEK MIXING TABLE ROAD)
0.21	0.21	INTERSECTION	L	ROUTE 0943 (SALT PAN DORM PARKING)
0.23	0.23	INTERSECTION	L	ROUTE 0408 (SALT PAN VISTA ROAD)
0.30	0.30	INTERSECTION	L	ROUTE 0408 (SALT PAN VISTA ROAD)
0.30	0.30	INTERSECTION	N/A	ROUTE 0408 (SALT PAN VISTA ROAD)

DEVA: Route Milepost Log

ROUTE 0409Z: GRAPEVINE RESIDENCE ROAD

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.00	0.00	INTERSECTION	L	ROUTE 0407Z (GRAPEVINE SERVICE ROAD)
0.00	0.00	INTERSECTION	R	ROUTE 0407Z (GRAPEVINE SERVICE ROAD)
0.10	0.10	INTERSECTION	N/A	DEAD END

DEVA: Route Milepost Log

ROUTE 0412: WILDROSE RESIDENCE ROAD

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.00	0.00	INTERSECTION	L	ROUTE 0112 (CHARCOAL KILNS ROAD)
0.00	0.00	ONE-WAY START	N/A	N/A
0.00	0.00	INTERSECTION	R	ROUTE 0112 (CHARCOAL KILNS ROAD)
0.11	0.11	INTERSECTION	L	ROUTE 0112 (CHARCOAL KILNS ROAD)
0.11	0.11	INTERSECTION	R	ROUTE 0112 (CHARCOAL KILNS ROAD)
0.11	0.11	ONE-WAY END	N/A	N/A

DEVA: Route Milepost Log

ROUTE 0415: SIMS CIRCLE RV PARK ROAD

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.00	0.00	INTERSECTION	R	ROUTE 0401 (OLD GHOST ROAD)
0.00	0.00	INTERSECTION	L	ROUTE 0401 (OLD GHOST ROAD)
0.05	0.05	INTERSECTION	L	ROUTE 0908A (SIMS CIRCLE (UNPAVED RV SITE PARKING))
0.07	0.07	INTERSECTION	R	ROUTE 0908A (SIMS CIRCLE (UNPAVED RV SITE PARKING))
0.08	0.08	INTERSECTION	N/A	DEAD END

DEVA: Route Milepost Log

ROUTE 0430: SKYLINE LOOP ROAD

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.00	0.00	INTERSECTION	L	ROUTE 0402 (SKYLINE ROAD)
0.00	0.00	INTERSECTION	R	ROUTE 0402 (SKYLINE ROAD)
0.08	0.08	INTERSECTION	L	ROUTE 0405 (NEVARES ROAD)
0.08	0.08	INTERSECTION	R	ROUTE 0405 (NEVARES ROAD)

DEVA: Route Milepost Log

ROUTE 0500: ARTISTS DRIVE

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.00	0.00	INTERSECTION	R	ROUTE 0015 (BADWATER ROAD)
0.00	0.00	INTERSECTION	L	ROUTE 0015 (BADWATER ROAD)
4.37	4.37	INTERSECTION	R	ROUTE 0927 (ARTIST PALETTE PARKING AREA)
8.89	8.89	INTERSECTION	L	ROUTE 0015 (BADWATER ROAD)
8.89	8.89	INTERSECTION	R	ROUTE 0015 (BADWATER ROAD)

DEVA: Route Milepost Log

ROUTE 0501: HARMONY BORAX WORKS ROAD

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.00	0.00	INTERSECTION	L	ROUTE 5001 (CA-190 / DEATH VALLEY SCENIC BYWAY)
0.00	0.00	INTERSECTION	R	ROUTE 5001 (CA-190 / DEATH VALLEY SCENIC BYWAY)
0.19	0.19	INTERSECTION	L	ROUTE 0931 (HARMONY BORAX WORKS PARKING)
0.22	0.22	INTERSECTION	L	ROUTE 0931 (HARMONY BORAX WORKS PARKING)
0.23	0.23	INTERSECTION	N/A	ROUTE 0504 (MUSTARD CANYON ROAD)

DEVA: Route Milepost Log

ROUTE 0507: CANYON VIEW COURT

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.00	0.00	INTERSECTION	L	ROUTE 0401 (OLD GHOST ROAD)
0.00	0.00	INTERSECTION	R	ROUTE 0401 (OLD GHOST ROAD)
0.04	0.04	INTERSECTION	N/A	DEAD END AT RESIDENCE AREA DRIVEWAYS

Section 8 Appendix



Death Valley 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.

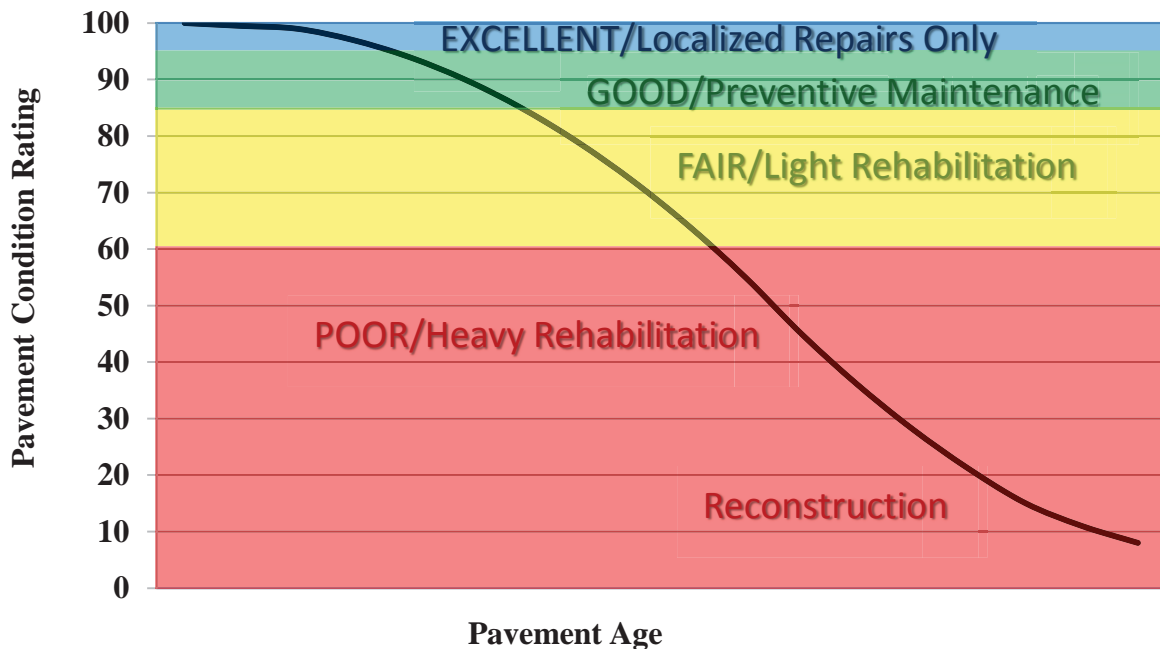
Explanation of the Condition Descriptions

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:

$$\text{Asphalt PCR} = (0.60 * \text{SCR}) + (0.40 * \text{RCI})$$

$$\text{Concrete PCR} = \text{RCI}$$

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

$$\text{AC_INDEX} = 100 - 40 * [(\% \text{LOW} / 35) + (\% \text{MED} / 15) + (\% \text{HI} / 5)]$$

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

$$\text{LC_INDEX} = 100 - 40 * [(\% \text{LOW} / 175) + (\% \text{MED} / 75) + (\% \text{HI} / 25)]$$

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:

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

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

$$\text{RUT_INDEX} = 100 - 40 * [(\% \text{LOW} / 535) + (\% \text{MED} / 205) + (\% \text{HI} / 40)]$$

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:

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

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)

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

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:

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

There is no applicable threshold for failure for this index.

Roughness Condition Index (Concrete)

$$\text{RCI} = (-0.0012)(\text{IRI}^2) + (0.0499)(\text{IRI}) + 99.542$$

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 it 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 \leq 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:

$$\text{PATCH_INDEX} = (100 - 40) * (\% \text{PATCHING} / 80)$$

Where:

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

Rutting Index for Manual Rating:

$$\text{RUT_INDEX} = 100 - 40 * (\% \text{RUTTING} / 40)$$

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 °F to +140 °F)
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 be 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 will 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 programming 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