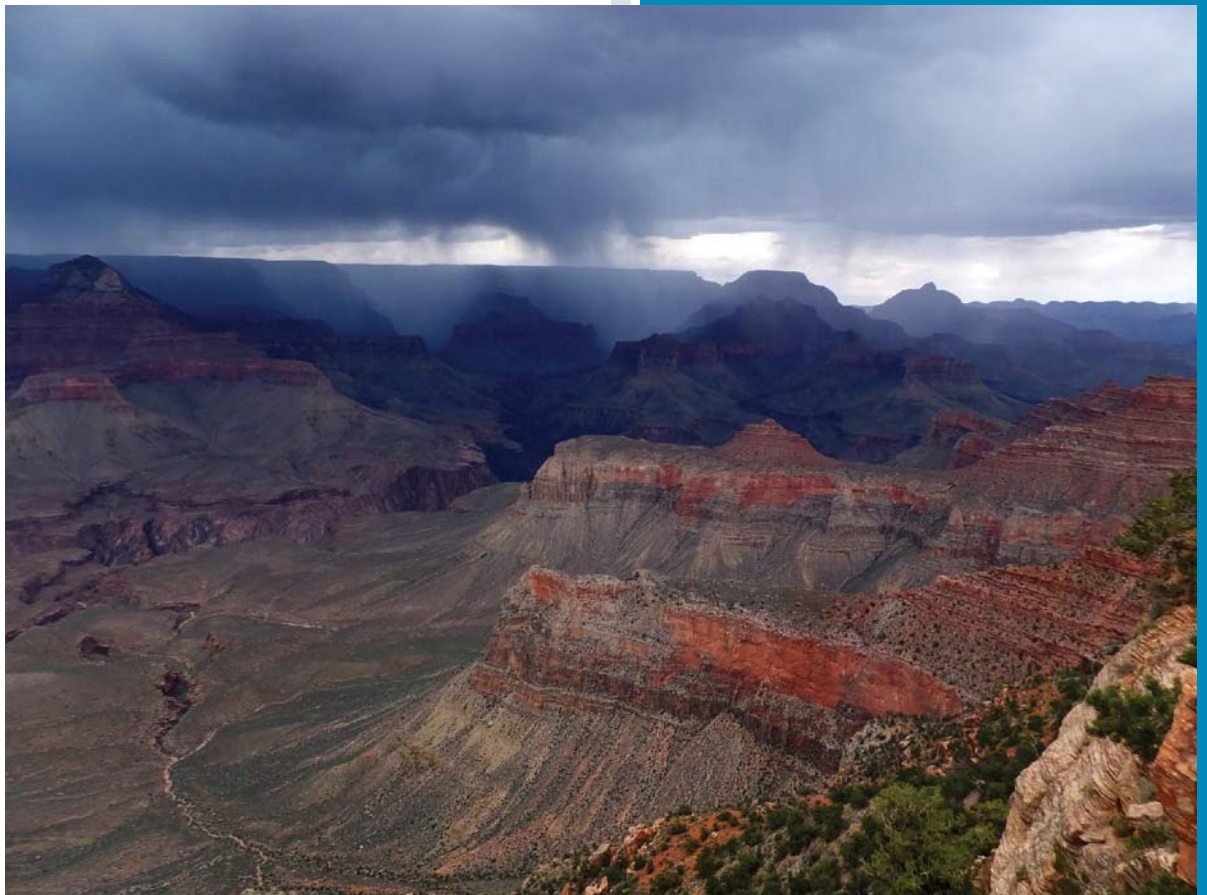


GRCA Cycle 6

Final Report

Road Inventory and Condition Assessment of Paved Routes Grand Canyon National Park



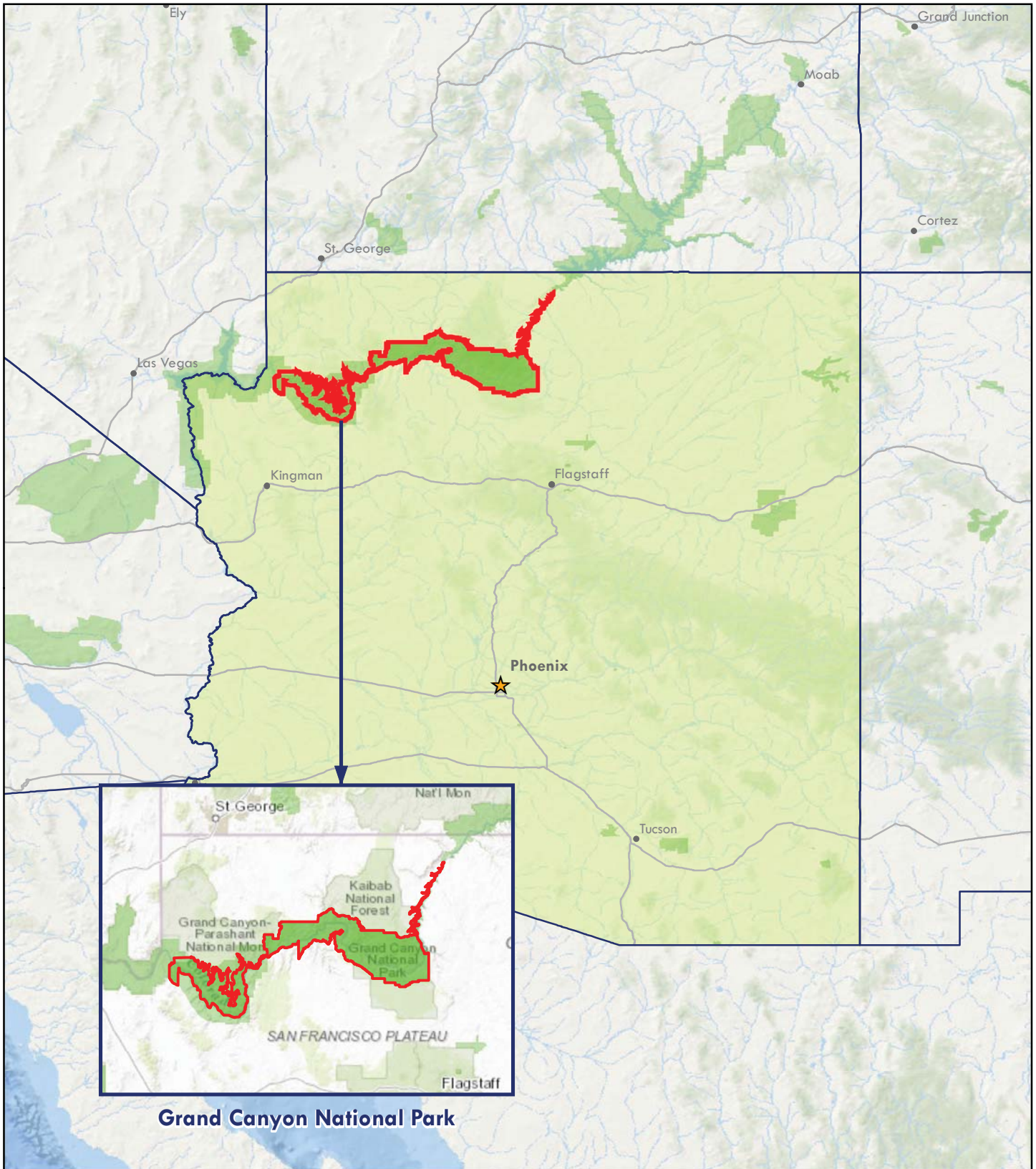
**Federal Lands Highway
Road Inventory Program**

Prepared By:

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

Report Date: January 2017

Grand Canyon National Park in Arizona



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



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Section 1 Introduction



Grand Canyon 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



Grand Canyon 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).

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 MRL = Manually Rated Line
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GRCA Grand Canyon 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
0010	6	1	56125		POINT IMPERIAL ROAD	FROM ROUTE 0013 (CAPE ROYAL ROAD) AT MP 5.39 ON LEFT	TO ROUTE 0967 (POINT IMPERIAL PARKING)	NORTH RIM	2.65	0.00	2.65	1		AS	1
0011	6	1	51500		DESERT VIEW DRIVE	FROM ROUTE 0012 (SOUTH ENTRANCE ROAD)	TO EAST PARK BOUNDARY	SOUTH RIM	24.85	0.00	24.85	1		AS	7,8,9,10
0012	6	1	56511		SOUTH ENTRANCE ROAD	FROM PAVEMENT CHANGE AND MOQUI DRIVE (ON THE LEFT)	TO ROUTE 0500 (VILLAGE LOOP DRIVE)	SOUTH RIM	7.80	0.00	7.80	1		AS	6,7,11
0013	6	1	56512		CAPE ROYAL ROAD	FROM ROUTE 0014 (NORTH ENTRANCE ROAD (HWY 67)) AT MP 9.78 ON LEFT	TO ROUTE 1015 (CAPE ROYAL PARKING)	NORTH RIM	19.83	0.00	19.83	1		AS	1,3
0014	6	1	56513		NORTH ENTRANCE ROAD (HWY 67)	FROM NORTH PARK BOUNDARY (PAVEMENT CHANGE AT PARK SIGN, THE END OF ROUTE 5000 (STATE ROUTE 67))	TO ROUTE 0965ZZ (GRAND CANYON LODGE PARKING AREAS)	NORTH RIM	12.84	0.00	12.84	1		AS	1,2
0015	6	1	56514		HERMIT REST ROAD	FROM ROUTE 0500 (VILLAGE LOOP DRIVE) AT MP 0.52 ON RIGHT	TO ROUTE 0920 (HERMIT'S REST PARKING)	SOUTH RIM	7.04	0.00	7.04	1		AS	4,5
0016	6	1	56515		CENTER ROAD	FROM ROUTE 0012 (SOUTH ENTRANCE ROAD) AT MP 3.45 ON LEFT	TO ROUTE 0500 (VILLAGE LOOP DRIVE)	SOUTH RIM	1.61	0.00	1.61	1		AS	6,7
0017	6	1	90373		MARKET PLAZA ROAD	FROM ROUTE 0016 (CENTER ROAD) AT MP 0.43 ON RIGHT	TO ROUTE 0940 (BUSINESS CENTER PARKING)	SOUTH RIM	1.04	0.00	1.04	1		AS	7
0018	NC		108703		HOPI STREET	FROM ROUTE 0417 (HUALAPAI ROAD)	TO END	SOUTH RIM	0.00	0.17	0.17	1		GR	
0100	NC		79659		KANABOWNITS ROAD (W4)	FROM NORTH PARK BOUNDARY PAST KANABAWNITS	TO ROUTE 0293 (POINT SUBLIME ROAD (W1))	NORTH RIM	0.00	16.40	16.40	2		GR	
0101	NC		56516		SWAMP POINT ROAD (W4)	FROM ROUTE 0100 (KANABOWNITS ROAD (W4)) AT MP 0.50	TO END OF SWAMP POINT	NORTH RIM	0.00	7.86	7.86	2		GR	

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GRCA Grand Canyon 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								
0102	NC		56517		FIRE POINT ROAD (FS 223)	FROM WEST PARK BOUNDARY TO FIRE POINT (LOCATED NORTH OF ROUTE 0101 (SWAMP POINT ROAD (W4)))	NORTH RIM	0.00	0.97	0.97	2		GR	
0150	NC		114698		TOROWEAP VALLEY ROAD	FROM NORTH PARK BOUNDARY TO VISITORS CENTER	NORTH RIM	0.00	6.85	6.85	2		GR	
0151	NC		114699		TOROWEAP POINT ROAD	FROM ROUTE 0150 (TOROWEAP VALLEY ROAD) TO PARKING	NORTH RIM	0.00	9.18	9.18	1		GR	
0160	6	1	56522		ROWE WELL ROAD	FROM ROUTE 0015 (HERMIT REST ROAD) AT MP 0.13 ON LEFT TO PARK BOUNDARY AT MP 4.19	SOUTH RIM	0.56	3.63	4.19	1		AS	5
0161	NC		56523		PASTURE WASH ROAD	FROM ROUTE 0160 (ROWE WELL ROAD) TO PASTURE WASH RANGER STATION	SOUTH RIM	0.00	15.33	15.33	1		GR	
0162	NC		56524		BASS TRAIL ROAD	FROM ROUTE 0161 (PASTURE WASH ROAD) TO TRAILHEAD	SOUTH RIM	0.00	3.64	3.64	1		GR	
0164	NC		114697		WEST RIM DRIVE CONNECTOR TO ROUTE 161	FROM ROUTE 0015 (HERMIT REST ROAD) TO ROUTE 0161 (PASTURE WASH ROAD)	SOUTH RIM	0.00	1.58	1.58	1		GR	
0166	NC		56527		GRANDVIEW ENTRANCE ROAD	FROM ROUTE 0011 (DESERT VIEW DRIVE) TO SOUTH PARK BOUNDARY	SOUTH RIM	0.00	0.60	0.60	1		GR	
0167	6	1	90433		PIMA POINT ROAD	FROM ROUTE 0015 (HERMIT REST ROAD) AT MP 6.24 ON RIGHT TO END OF LOOP	SOUTH RIM	0.47	0.00	0.47	2		AS	4
0168	6	1	90434		MOHAVE POINT ROAD	FROM ROUTE 0015 (HERMIT REST ROAD) AT MP 3.08 ON RIGHT TO ROUTE 0015 (HERMIT REST ROAD) AT MP 3.22 ON RIGHT	SOUTH RIM	0.22	0.00	0.22	2		AS	5
0169	6	1	90435		POWELL MEMORIAL ROAD	FROM ROUTE 0015 (HERMIT REST ROAD) AT MP 2.20 ON RIGHT TO ROUTE 0015 (HERMIT REST ROAD) AT MP 2.27 ON RIGHT	SOUTH RIM	0.19	0.00	0.19	2		AS	5
0170	6	1	90374		ZUNI WAY	FROM INTERSECTION OF ROUTE 0012 (SOUTH ENTRANCE ROAD) AND ROUTE 0903 (HEADQUARTERS PARKING) TO ROUTE 0017 (MARKET PLAZA ROAD)	SOUTH RIM	0.15	0.00	0.15	2		AS	7

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GRCA Grand Canyon 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								
0171	6	1	104056		DESERT VIEW GAS STATION ACCESS ROAD	FROM ROUTE 0172 (DESERT VIEW ACCESS ROAD)	TO END OF LOOP	SOUTH RIM	0.35	0.00	0.35	2		AS	10
0172	6	1	103961		DESERT VIEW ACCESS ROAD	FROM ROUTE 0011 (DESERT VIEW DRIVE)	TO ROUTE 1026 (DESERT VIEW VISITOR PARKING)	SOUTH RIM	0.21	0.00	0.21	3		AS	10
0201	6	1	56530		NORTH RIM CAMPGROUND ROAD	FROM ROUTE 0014 (NORTH ENTRANCE ROAD (HWY 67)) AT MP 11.64 ON RIGHT	TO INTERSECTION OF ROUTE 0273ZZ (NORTH RIM CAMPGROUND ROADS) AND ROUTE 0489 (INN CABIN LOOP)	NORTH RIM	0.26	0.00	0.26	3		AS	2
0250	NC		79801		TOROWEAP ROAD	FROM ROUTE 0150 (TOROWEAP VALLEY ROAD)	TO END	NORTH RIM	0.00	0.80	0.80	4		GR	
0251	NC		114694		TUCKUP TRAIL ROAD	FROM INTERSECTION OF ROUTE 0151 (TOROWEAP POINT ROAD)	TO END	NORTH RIM	0.00	3.00	3.00	4		GR	
0262	6	1	56536		YAKI POINT ROAD	FROM ROUTE 0011 (DESERT VIEW DRIVE) AT MP 1.13 ON LEFT	TO END OF LOOP	SOUTH RIM	1.10	0.00	1.10	2		AS	8
0263	6	1	56537		KAIBAB TRAIL ACCESS ROAD	FROM ROUTE 0262 (YAKI POINT ROAD)	TO ROUTE 0949 (KAIBAB TRAIL SERVICE ROAD PARKING)	SOUTH RIM	0.20	0.00	0.20	2		AS	8
0264	6	1	59028		GRANDVIEW POINT ROAD	FROM ROUTE 0011 (DESERT VIEW DRIVE) AT MP 8.74	TO END OF LOOP	SOUTH RIM	0.77	0.00	0.77	2		AS	9
0265	6	1	56538		MORAN POINT ROAD	FROM ROUTE 0011 (DESERT VIEW DRIVE) AT MP 14.65 ON LEFT	TO END OF LOOP	SOUTH RIM	0.25	0.00	0.25	2		AS	9
0266	6	1	56545		TUSAYAN RUIN ROAD	FROM ROUTE 0011 (DESERT VIEW DRIVE) AT MP 18.43 ON RIGHT	TO END OF LOOP	SOUTH RIM	0.27	0.00	0.27	2		AS	10
0267	6	1	56546		LIPAN POINT ROAD	FROM ROUTE 0011 (DESERT VIEW DRIVE) AT MP 19.73 ON LEFT	TO ROUTE 0981 (LIPAN POINT PARKING)	SOUTH RIM	0.44	0.00	0.44	2		AS	10

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GRCA Grand Canyon 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								
0270	6	1	56724		DESERT VIEW CAMPGROUND	FROM ROUTE 0171 (DESERT VIEW GAS STATION ACCESS ROAD)	TO END OF LOOP	SOUTH RIM	0.64	0.00	0.64	3		AS	10
0271	6	1	56547		MATHER CAMPGROUND ACCESS ROAD	FROM ROUTE 0017 (MARKET PLAZA ROAD)	TO ROUTE 0272ZZ (MATHER CAMPGROUND ROADS)	SOUTH RIM	0.37	0.00	0.37	2		AS	7
0272ZZ	6	1	56549		MATHER CAMPGROUND ROADS	FROM ROUTE 0271 (MATHER CAMPGROUND ACCESS ROAD)	THROUGH CAMPGROUND LOOPS	SOUTH RIM	3.53	0.00	3.53	3		AS	7
0273ZZ	6	1	98941		NORTH RIM CAMPGROUND ROADS	FROM INTERSECTION OF ROUTES 0201 (NORTH RIM CAMPGROUND ROAD) AND 0489 (INN CABIN LOOP)	THROUGH CAMPGROUND	NORTH RIM	1.08	0.00	1.08	3		AS	2
0277ZZ	6	1	56550		TRAILER VILLAGE OUTER LOOP ROADS	FROM ROUTE 0017 (MARKET PLAZA ROAD)	AROUND OUTER LOOPS	SOUTH RIM	1.09	0.00	1.09	3		AS	7
0279ZZ	6	1	102247		TRAILER VILLAGE ROADS	FROM 0277ZZ (TRAILER VILLAGE OUTER LOOP ROADS)	THROUGH INTERIOR TRAILER ROADS	SOUTH RIM	1.97	0.00	1.97	3		AS	7
0287	6	1	56551		MASWICK LAUNDRY ROAD	FROM ROUTE 0160 (ROWE WELL ROAD)	TO ROUTE 0908ZZ (MASWICK STANDARD PARKING AREAS)	SOUTH RIM	0.29	0.00	0.29	2		AS	5
0288	6	1	56552		CLINIC ACCESS ROAD	FROM ROUTE 0016 (CENTER ROAD) AT MP 0.62 ON RIGHT	TO ROUTE 0016 (CENTER ROAD) AT MP 0.89 ON RIGHT	SOUTH RIM	0.41	0.00	0.41	2		AS	7
0291	NC		90437		KANABOWNITS CABIN ROAD	FROM ROUTE 0100 (KANABOWNITS ROAD (W4)), SOUTHWEST	TO END	NORTH RIM	0.00	0.40	0.40	4		GR	
0292	NC		90438		KANABOWNITS TOWER ROAD	FROM ROUTE 0100 (KANABOWNITS ROAD (W4)), NORTHEAST	TO END	NORTH RIM	0.00	0.10	0.10	4		GR	
0293	NC		79656		POINT SUBLIME ROAD (W1)	FROM ROUTE 0014 (NORTH ENTRANCE ROAD (HWY 67))	TO POINT SUBLIME (W1)	NORTH RIM	0.00	14.70	14.70	4		GR	

Cycle 6 NPS / RIP Route ID Report

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GRCA Grand Canyon 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								
0294	NC		79689		W-1A OLD ENTRANCE ROAD	FROM ROUTE 0014 (NORTH ENTRANCE ROAD (HWY 67)) AT MP 4.18 ON RIGHT TO ROUTE 0293 (POINT SUBLIME ROAD (W1))	NORTH RIM	0.00	5.50	5.50	4		GR	
0295	NC		115183		TIPOVER SPRINGS ROAD	FROM ROUTE 0100 (KANABOWNITS ROAD (W4)) TO END AT TIPOVER SPRING	NORTH RIM	0.00	1.00	1.00	6		GR	
0296	NC		79802		T-8 TOROWEAP CAMPGROUND ROAD	FROM ROUTE 0151 (TOROWEAP POINT ROAD) TO DEAD END	NORTH RIM	0.00	0.60	0.60	4		GR	
0297	NC		79804		KANAB POINT ROAD	FROM BLM (BUREAU LAND MANAGEMENT) 1058 TO DEAD END	NORTH RIM	0.00	4.40	4.40	4		GR	
0298	NC		79806		SB POINT ROAD	FROM ROUTE 0299 (1.50 MILE CANYON ROAD) TO OVERLOOK	NORTH RIM	0.00	7.70	7.70	4		GR	
0299	NC		79819		1.50 MILE CANYON ROAD	FROM BLM (BUREAU LAND MANAGEMENT) 1057 TO TRAILHEAD	NORTH RIM	0.00	5.90	5.90	4		GR	
0300	NC		79821		TUCKUP CANYON ROAD	FROM BLM (BUREAU LAND MANAGEMENT) 1057 TO TRAILHEAD	NORTH RIM	0.00	8.40	8.40	4		GR	
0301	6	1	112573	■	RAILROAD TRACK ACCESS ROAD	FROM ROUTE 0500 (VILLAGE LOOP DRIVE) TO ROUTE 0501 (VILLAGE LOOP BYPASS)	SOUTH RIM	0.23	0.00	0.23	3		AS	6
0302	NC		41106		WALDRON TRAIL ACCESS	FROM ROUTE 0160 (ROWE WELL ROAD) TO END	SOUTH RIM	0.00	2.50	2.50	4		GR	
0303	NC		87858		TUWEEP ROAD	FROM TRUMBLE ROAD (FOREST SERVICE) TO END	NORTH RIM	0.00	6.60	6.60	4		GR	
0400	NC		114701		MARBLE FLATS SERVICE ROAD	FROM ROUTE 0294 (W-1A OLD ENTRANCE ROAD) TO LANDFILL	NORTH RIM	0.00	1.52	1.52	6		GR	
0401	NC		77464		SERVICE ROAD TO LANDFILL	FROM ROUTE 0012 (SOUTH ENTRANCE ROAD) TO END	SOUTH RIM	0.00	1.30	1.30	6		GR	
0402	6	1	77469		SERVICE ROAD TO SUPAI CAMP	FROM ROUTE 0160 (ROWE WELL ROAD) TO ROUTE 0160 (ROWE WELL ROAD) UNPAVED PORTION	SOUTH RIM	0.24	0.00	0.24	5		AS	5

Cycle 6 NPS / RIP Route ID Report

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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									
0403	6	1	56556		TONTO STREET	FROM INTERSECTION OF ROUTE 0016 (CENTER ROAD) AT MP 1.53 ON RIGHT AND ROUTE 0413 (APACHE STREET)	TO ROUTE 0432 (NAVAJO STREET)	SOUTH RIM	0.15	0.00	0.15	5		AS	6
0404	6	1	56557		AUTO SHOP ROAD	FROM ROUTE 0014 (NORTH ENTRANCE ROAD (HWY 67)) AT MP 11.90 ON RIGHT	TO END OF LOOP	NORTH RIM	0.18	0.00	0.18	5		AS	2
0405	6	1	56559		ADMIN LOOP	FROM ROUTE 0014 (NORTH ENTRANCE ROAD (HWY 67)) AT MP 11.47 ON RIGHT	TO END OF LOOP	NORTH RIM	0.28	0.00	0.28	5		AS	2
0406	NC		90440		MULE CORRAL AND MAINTENANCE AREA	FROM ROUTE 0963 (KAIBAB TRAILHEAD PARKING)	TO CORRAL	NORTH RIM	0.00	0.61	0.61	5		GR	
0407	NC		90441		LINDBERG HILL MAINTENANCE AREA	FROM ROUTE 0014 (NORTH ENTRANCE ROAD (HWY 67))	TO LINDBERG HILL FIRE CAMP	NORTH RIM	0.00	0.19	0.19	6		GR	
0408	6	1	56560		COCONINO ROAD	FROM INTERSECTION OF ROUTES 0500 (VILLAGE LOOP DRIVE) AND 0426 (MASWICK TRANSPORTATION CENTER ROAD)	TO ROUTE 0601 (ALBRIGHT AVENUE)	SOUTH RIM	0.28	0.00	0.28	5		AS	6
0409	6	1	56561		BOULDER STREET	FROM ROUTE 0408 (COCONINO ROAD)	TO ROUTE 0016 (CENTER ROAD)	SOUTH RIM	0.28	0.00	0.28	5		AS	6
0410	NC		110201		PIMA STREET	FROM END OF ROUTE 0417 (HUALAPAI ROAD)	TO ROUTE 0420ZZ (MATHER STREET AREA)	SOUTH RIM	0.00	0.25	0.25	5		GR	
0411	6	1	56563		BOULDER ALLEY	FROM ROUTE 0408 (COCONINO ROAD) AT MP 0.07 ON LEFT	TO ROUTE 0409 (BOULDER STREET)	SOUTH RIM	0.24	0.00	0.24	5		AS	6
0413	6	1	56565		APACHE STREET	FROM INTERSECTION OF ROUTE 0016 (CENTER ROAD) AT MP 1.53 ON LEFT AND ROUTE 0403 (TONTO STREET)	TO INTERSECTION OF ROUTE 0408 (COCONINO ROAD) AND ROUTE 0414 (APACHE WEST)	SOUTH RIM	0.23	0.00	0.23	5		AS	6

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GRCA Grand Canyon National Park

ROAD INVENTORY (1100 SERIES FMSS LOCATIONS)

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						From	To								
0414	6	1	56567		APACHE WEST	FROM INTERSECTION OF ROUTE 0408 (COCONINO ROAD) AND ROUTE 0413 (APACHE STREET)	TO DEAD END AT MP 0.21	SOUTH RIM	0.14	0.07	0.21	5		AS	6
0415	6	1	56568		APACHE ALLEY	FROM ROUTE 0413 (APACHE STREET)	TO ROUTE 0500 (VILLAGE LOOP DRIVE)	SOUTH RIM	0.16	0.00	0.16	5		AS	6
0416	6	1	56569		MUAV COURT	FROM ROUTE 0601 (ALBRIGHT AVENUE)	TO ROUTE 1010ZZ (MUAV COURT PARKING AREAS)	SOUTH RIM	0.14	0.00	0.14	5		AS	6
0417	6	1	56570		HUALAPAI ROAD	FROM ROUTE 0416 (MUAV COURT)	TO INTERSECTION OF ROUTE 0410 (PIMA STREET) AND 0419 (KOLB CIRCLE)	SOUTH RIM	0.20	0.00	0.20	5		AS	6
0419	6	1	56573		KOLB STREET	FROM ROUTE 0410 (PIMA STREET)	TO ROUTE 0417 (HUALAPAI ROAD)	SOUTH RIM	0.04	0.00	0.04	5		AS	6
0420ZZ	6	1	56574		MATHER STREET AREA	FROM ROUTE 0417 (HUALAPAI ROAD)	THROUGH MATHER STREET AREA	SOUTH RIM	0.17	0.00	0.17	5		AS	6
0421	6	1	56576		POWELL AVENUE A	FROM ROUTE 0417 (HUALAPAI ROAD) AT MP 0.12 ON LEFT	TO ROUTE 0417 (HUALAPAI ROAD) AT MP 0.17 ON LEFT	SOUTH RIM	0.26	0.00	0.26	5		AS	6
0422	6	1	56577		SOUTH MOHAVE STREET	FROM INTERSECTION OF ROUTE 0601 (ALBRIGHT AVENUE) AND ROUTE 0995 (DAY CARE AND RECREATION CENTER PARKING)	TO ROUTE 1004 (MOHAVE SOUTH STREET PARKING)	SOUTH RIM	0.17	0.00	0.17	5		AS	6
0423	6	1	56578		MOHAVE COURT	FROM INTERSECTION OF ROUTE 0422 (SOUTH MOHAVE STREET) AT MP 0.04 ON RIGHT AND ROUTE 1031 (MOHAVE RESIDENTIAL PARKING)	TO ROUTE 0422 (SOUTH MOHAVE STREET) AT MP 0.08 ON RIGHT	SOUTH RIM	0.16	0.00	0.16	5		AS	6
0426	6	1	56583		MASWICK TRANSPORTATION CENTER ROAD	FROM INTERSECTION OF ROUTE 0500 (VILLAGE LOOP DRIVE) AND ROUTE 0408 (COCONINO ROAD)	TO ROUTE 0923 (MASWICK TRANSPORTATION CENTER PARKING)	SOUTH RIM	0.17	0.00	0.17	5		AS	5,6
0427	6	1	56585		KENNELS ROAD	FROM ROUTE 0160 (ROWE WELL ROAD)	TO ROUTE 0939 (WASTEWATER TREATMENT AREA)	SOUTH RIM	0.17	0.00	0.17	3		AS	5

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ROAD INVENTORY (1100 SERIES FMSS LOCATIONS)

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						From	To								
0428	6	1	56586		SHUTTLE BUS ROAD	FROM ROUTE 0016 (CENTER ROAD) AT MP 0.17 ON LEFT	TO ROUTE 0999 (NEW MAINTENANCE AREA)	SOUTH RIM	0.60	0.00	0.60	5		AS	7
0429ZZ	6	1	56587		PAIUTE CIRCLE ROADS	FROM ROUTE 0601 (ALBRIGHT AVENUE)	TO END	SOUTH RIM	0.29	0.00	0.29	5		AS	6
0430	6	1	56589		LAPP LOOP	FROM ROUTE 0016 (CENTER ROAD)	TO ROUTE 0016 (CENTER ROAD)	SOUTH RIM	0.07	0.00	0.07	5		AS	6,7
0431	6	1	56590		JUNIPER HILL	FROM ROUTE 0403 (TONTOSTREET) AT MP 0.06 ON RIGHT	TO ROUTE 0435 (SUNSET DRIVE)	SOUTH RIM	0.27	0.00	0.27	5		AS	6
0432	6	1	56591		NAVAJO STREET	FROM ROUTE 0500 (VILLAGE LOOP DRIVE) AT MP 1.28 ON RIGHT	TO ROUTE 0431 (JUNIPER HILL)	SOUTH RIM	0.17	0.00	0.17	5		AS	6
0433	6	1	56593		TAPEATS CIRCLE	FROM ROUTE 0444 (KAIBAB STREET) AT MP 0.11 ON LEFT	TO ROUTE 0444 (KAIBAB STREET) AT MP 0.18 ON LEFT	SOUTH RIM	0.11	0.00	0.11	5		AS	6
0434	6	1	56594		HERMIT CIRCLE	FROM ROUTE 0435 (SUNSET DRIVE) AT MP 0.27 ON LEFT	TO ROUTE 0435 (SUNSET DRIVE) AT MP 0.24 ON LEFT	SOUTH RIM	0.08	0.00	0.08	5		AS	6
0435	6	1	56596		SUNSET DRIVE	FROM ROUTE 0431 (JUNIPER HILL) AT MP 0.27 ON LEFT	TO ROUTE 0437 (PARK CIRCLE) AT MP 0.52	SOUTH RIM	0.36	0.00	0.36	5		AS	6,7
0436ZZ	6	1	56598		BRIGHT ANGEL LOOP ROADS	FROM ROUTE 0500 (VILLAGE LOOP DRIVE)	THROUGH BRIGHT ANGEL LOOPS	SOUTH RIM	0.24	0.00	0.24	2		AS	6
0437	6	1	56600		PARK CIRCLE	FROM ROUTE 0016 (CENTER ROAD) AT MP 1.08 ON RIGHT	TO END OF LOOP AT ROUTE 0437 (PARK CIRCLE) AND ROUTE 0435 (SUNSET DRIVE) INTERSECTION	SOUTH RIM	0.52	0.00	0.52	5		AS	6,7
0438	6	1	56601		BARRY HANCE CIRCLE	FROM ROUTE 0451 (HAVASUPAI ROAD) AT MP 0.42 ON LEFT	TO END OF LOOP	SOUTH RIM	0.45	0.00	0.45	5		AS	7
0439	6	1	56603		PONDEROSA STREET	FROM ROUTE 0451 (HAVASUPAI ROAD)	TO END OF ROUTE	SOUTH RIM	0.04	0.00	0.04	5		AS	7
0440	6	1	56604		RANDY THOMPSON CIRCLE	FROM ROUTE 0288 (CLINIC ACCESS ROAD)	TO END OF LOOP	SOUTH RIM	0.56	0.00	0.56	5		AS	7

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GRCA Grand Canyon National Park

ROAD INVENTORY (1100 SERIES FMSS LOCATIONS)

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						From	To								
0441	6	1	56605		BOB MANN STREET	FROM ROUTE 0440 (RANDY THOMPSON CIRCLE) AT MP 0.11	TO ROUTE 0440 (RANDY THOMPSON CIRCLE) AT MP 0.38	SOUTH RIM	0.17	0.00	0.17	5		AS	7
0442	6	1	56606		MORAN AVENUE	FROM INTERSECTION OF ROUTE 0421 (POWELL AVENUE A) AT MP 0.23 AND ROUTE 0443 (LIPAN STREET)	TO ROUTE 0421 (POWELL AVENUE A) AT MP 0.04	SOUTH RIM	0.10	0.00	0.10	5		AS	6
0443	6	1	56607		LIPAN STREET	FROM INTERSECTION OF ROUTE 0421 (POWELL AVENUE A) AT MP 0.03 AND ROUTE 0442 (MORAN AVENUE)	TO ROUTE 0421 (POWELL AVENUE A) AT MP 0.24	SOUTH RIM	0.06	0.00	0.06	5		AS	6
0444	6	1	56609		KAIBAB STREET	FROM ROUTE 0432 (NAVAJO STREET)	TO ROUTE 0437 (PARK CIRCLE)	SOUTH RIM	0.54	0.00	0.54	5		AS	6,7
0445ZZ	6	1	56610		NAVAJO RESIDENCE ROADS	FROM ROUTE 0432 (NAVAJO STREET)	THROUGH NAVAJO RESIDENCE ROADS	SOUTH RIM	0.11	0.00	0.11	5		AS	6
0446	6	1	56612		YAVAPAI LODGE ROAD	FROM ROUTE 0012 (SOUTH ENTRANCE ROAD) AT MP 6.83 ON LEFT	TO ROUTE 0012 (SOUTH ENTRANCE ROAD) AT MP 5.59	SOUTH RIM	0.69	0.00	0.69	2		AS	7
0447	6	1	56613		EAST SHUTTLE ACCESS ROAD	FROM ROUTE 0012 (SOUTH ENTRANCE ROAD)	TO END OF LOOP	SOUTH RIM	0.25	0.00	0.25	5		CO	7
0448ZZ	6	1	58274		CONCESSIONAIRE ROADS	FROM ROUTE 0404 (AUTO SHOP ROAD)	THROUGH CONCESSION AREA	NORTH RIM	0.64	0.00	0.64	5		AS	2
0449	6	1	56615		NORTH RIM RESIDENCE LOOP	FROM ROUTE 0450 (WASTEWATER PLANT / HELIPAD ROAD)	TO ROUTE 0405 (ADMIN LOOP)	NORTH RIM	0.24	0.00	0.24	6		AS	2
0450	6	1	56616		WASTEWATER PLANT / HELIPAD ROAD	FROM ROUTE 0405 (ADMIN LOOP)	TO END OF LOOP	NORTH RIM	0.35	0.00	0.35	6		AS	2
0451	6	1	56525		HAVASUPAI ROAD	FROM ROUTE 0435 (SUNSET DRIVE)	TO ROUTE 0288 (CLINIC ACCESS ROAD)	SOUTH RIM	0.61	0.00	0.61	5		AS	6,7

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ROAD INVENTORY (1100 SERIES FMSS LOCATIONS)

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						From	To								
0461ZZ	6	1	56745		EAST ENTRANCE RESIDENCE ROADS	FROM ROUTE 0171 (DESERT VIEW GAS STATION ACCESS ROAD)	TO RESIDENTIAL AREAS	SOUTH RIM	0.77	0.00	0.77	5		AS	10
0462	NC		56618		DESERT VIEW SERVICE ROAD	FROM ROUTE 1025ZZ (DESERT VIEW BUS PARKING AREAS)	TO END OF ROUTE	SOUTH RIM	0.00	0.39	0.39	4		GR	
0464	6	1	56619		TANK C PUMPHOUSE ROAD	FROM ROUTE 0277ZZ (TRAILER VILLAGE OUTER LOOP ROADS)	TO DEAD END AND PAVED TRAIL	SOUTH RIM	0.15	0.00	0.15	6		AS	7
0465	NC		56621		LIVESTOCK TRAINING FACILITY ROAD	FROM ROUTE 0160 (ROWE WELL ROAD)	TO GRAVEL PIT	SOUTH RIM	0.00	1.14	1.14	4		GR	
0466	NC		56622		HORSETHIEF TANK ROAD	FROM ROUTE 0164 (WEST RIM DRIVE CONNECTOR TO ROUTE 161)	TO ROUTE 0161 (PASTURE WASH ROAD)	SOUTH RIM	0.00	2.23	2.23	4		GR	
0467	NC		114700		SOUTH BOUNDARY CONNECTOR TO ROUTE 0161	FROM SOUTH PARK BOUNDARY	TO ROUTE 0161 (PASTURE WASH ROAD)	SOUTH RIM	0.00	1.18	1.18	4		GR	
0468	NC		77350		SEWAGE DISPOSAL POND	FROM ROUTE 0161 (PASTURE WASH ROAD)	TO END OF ROUTE	SOUTH RIM	0.00	1.30	1.30	6		GR	
0477	NC		98816		PISTOL RANGE ROAD	FROM ROUTE 0294 (W-1A OLD ENTRANCE ROAD)	TO END	NORTH RIM	0.00	0.20	0.20	6		GR	
0478	NC		90444		ENTRANCE RESIDENCE ROAD / NORTH RIM LOOKOUT TOWER ROAD	FROM ROUTE 0960 (NORTH RIM ENTRANCE PARKING)	TO END	NORTH RIM	0.00	1.40	1.40	6		GR	
0479	NC		90472		FIRE ROAD	FROM ROUTE 0014 (NORTH ENTRANCE ROAD (HWY 67)) AT MP 0.17 ON RIGHT	TO END	NORTH RIM	0.00	0.28	0.28	6		GR	
0488	6	1	90475		FIRE STATION ACCESS ROAD	FROM ROUTE 0428 (SHUTTLE BUS ROAD)	TO UNPAVED FIRE STATION PARKING	SOUTH RIM	0.05	0.00	0.05	5		AS	7

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						From	To								
0489	6	1	90476		INN CABIN LOOP	FROM INTERSECTION OF ROUTE 0273ZZ (NORTH RIM CAMPGROUND ROADS) AND END OF ROUTE 0201 (NORTH RIM CAMPGROUND ROAD) ON RIGHT	TO END OF LOOP	NORTH RIM	0.20	0.00	0.20	5		AS	2
0490	6	1	90477		CAMPGROUND STORE / CONCESSION ACCESS ROAD	FROM ROUTE 0489 (INN CABIN LOOP) (THROUGH CABIN AREA)	TO ROUTE 0998 (NORTH RIM CAMPGROUND DUMP STATION)	NORTH RIM	0.07	0.00	0.07	5		AS	2
0491	6	1	90479		EXPOSED FRAME CABIN RESIDENCE ROAD	FROM ROUTE 0489 (INN CABIN LOOP)	TO ROUTE 0489 (INN CABIN LOOP)	NORTH RIM	0.20	0.00	0.20	5		AS	2
0492	6	1	104068		DESERT VIEW MAINTENANCE / RANGER STATION ROAD	FROM ROUTE 0461ZZ (EAST ENTRANCE RESIDENCE ROADS) AT MP 0.29 ON LEFT	TO ROUTE 0461ZZ (EAST ENTRANCE RESIDENCE ROADS) AT MP 0.08	SOUTH RIM	0.07	0.00	0.07	5		AS	10
0494	NC		77352		SERVICE ROAD TO FIRING RANGE	FROM ROUTE 0011 (DESERT VIEW DRIVE)	TO END	SOUTH RIM	0.00	1.00	1.00	6		GR	
0495	NC		77456		SERVICE ROAD TO POWDER MAG	FROM ROUTE 0011 (DESERT VIEW DRIVE)	TO END	SOUTH RIM	0.00	0.30	0.30	6		GR	
0496	NC		77458		SERVICE ROAD TO SHOSHONE POINT	FROM ROUTE 0011 (DESERT VIEW DRIVE)	TO END	SOUTH RIM	0.00	1.10	1.10	6		GR	
0497	NC		77459		SERVICE ROAD TO DESERT VIEW DRY DUMP	FROM ROUTE 0011 (DESERT VIEW DRIVE)	TO END	SOUTH RIM	0.00	0.30	0.30	6		GR	
0498	NC		77462		SERVICE ROAD TO DESERT VIEW WATER TANK	FROM ROUTE 0011 (DESERT VIEW DRIVE)	TO END	SOUTH RIM	0.00	0.50	0.50	6		GR	
0499	NC		77463		SERVICE ROAD TO DESERT VIEW SEWER PONDS	FROM ROUTE 0461ZZ (EAST ENTRANCE RESIDENCE ROADS)	TO END	SOUTH RIM	0.00	0.40	0.40	6		GR	
0500	6	1	56624		VILLAGE LOOP DRIVE	FROM END OF ROUTE 0012 (SOUTH ENTRANCE ROAD)	TO END OF LOOP	SOUTH RIM	1.32	0.00	1.32	2		AS	5,6
0501	6	1	56625		VILLAGE LOOP BYPASS	FROM ROUTE 0500 (VILLAGE LOOP DRIVE) AT MP 0.55	TO ROUTE 0500 (VILLAGE LOOP DRIVE) AT MP 1.07	SOUTH RIM	0.31	0.00	0.31	3		AS	5,6

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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								
0502	6	1	97062		SOUTH ENTRANCE BYPASS LANE	FROM ROUTE 0012 (SOUTH ENTRANCE ROAD) AT MP 0.35 ON RIGHT	TO ROUTE 0012 (SOUTH ENTRANCE ROAD) AT MP 0.78 ON RIGHT	SOUTH RIM	0.45	0.00	0.45	6		AS	11
0503	6	1	238607		MATHER POINT SHUTTLE LOOP	FROM ROUTE 0012 (SOUTH ENTRANCE ROAD) AT MP 5.80 ON RIGHT	TO END OF LOOP	SOUTH RIM	0.14	0.00	0.14	5		CO	7
0504	6	1	235836	■	CONC VILLAGE LOOP CONCESSION HOUSING ACCESS ROAD	FROM ROUTE 0500 (VILLAGE LOOP DRIVE)	TO END	SOUTH RIM	0.00	0.00	0.00	5	6,221	AS	6
0505	6	1	90384		WEIGH STATION	FROM ROUTE 0428 (SHUTTLE BUS ROAD)	TO ROUTE 0428 (SHUTTLE BUS ROAD)	SOUTH RIM	0.07	0.00	0.07	5		AS	7
0601	6	1	56627		ALBRIGHT AVENUE	FROM ROUTE 0409 (BOULDER STREET) AT MP 0.11 ON RIGHT	TO ROUTE 0016 (CENTER ROAD)	SOUTH RIM	0.62	0.00	0.62	2		AS	6
0603	NC		103464		SOUTH KAIBAB TRAILHEAD SERVICE ROAD	FROM ROUTE 0263 (KAIBAB TRAIL ACCESS ROAD)	TO END	SOUTH RIM	0.00	0.11	0.11	5		GR	
0604	NC		109803		SERVICE ROAD TO HEADWORKS BUILDING	FROM ROUTE 0939 (WASTEWATER TREATMENT AREA)	TO HEADWORKS BUILDING	SOUTH RIM	0.00	0.10	0.10	5		GR	

NON-NPS ROADS INVENTORY

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								
5000	4	1	231432		STATE ROUTE 67	FROM MILE MARKER SIGN 598 IN KAIBAB NATIONAL FOREST	TO NORTH PARK BOUNDARY AND ROUTE 0014 (NORTH ENTRANCE ROAD (HWY 67)) (PAVEMENT CHANGE AT PARK SIGN)	NORTH RIM	12.37	0.00	12.37			AS	1

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GRCA Grand Canyon 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					
0900	6	1	58280		SOUTH ENTRANCE GRAND CANYON PARKING	FROM ROUTE 0012 (SOUTH ENTRANCE ROAD) AT MP 0.46	TO ROUTE 0012 (SOUTH ENTRANCE ROAD) AT MP 0.52	SOUTH RIM	PUBLIC	24,884	AS	11
0901	6	1	58281		SOUTH ENTRANCE STATION PARKING	FROM ROUTE 0012 (SOUTH ENTRANCE ROAD)	TO ROUTE 0012 (SOUTH ENTRANCE ROAD)	SOUTH RIM	NONPUBLIC	6,189	AS	11
0903	6	1	58283		HEADQUARTERS PARKING	FROM ROUTE 0012 (SOUTH ENTRANCE ROAD) AT MP 6.83 ON RIGHT	TO ROUTE 0012 (SOUTH ENTRANCE ROAD) AT MP 7.06	SOUTH RIM	PUBLIC	91,603	AS	7
0904ZZ	6	1	58288		EL TOVAR/VERKAMPS PARKING AREAS	FROM ROUTE 0500 (VILLAGE LOOP DRIVE)	TO PARKING	SOUTH RIM	PUBLIC	64,136	AS	6
0905	6	1	58289		KACHINA LODGE PARKING	FROM ROUTE 0906 (THUNDERBIRD LODGE PARKING)	TO ROUTE 094ZZ (EL TOVAR/VERKAMPS PARKING AREAS)	SOUTH RIM	PUBLIC	19,368	AS	6
0906	6	1	58291		THUNDERBIRD LODGE PARKING	FROM ROUTE 0500 (VILLAGE LOOP DRIVE) AT MP 0.18	TO ROUTE 0500 (VILLAGE LOOP DRIVE) AT MP 0.28	SOUTH RIM	PUBLIC	19,785	AS	6
0907	6	1	58292		BRIGHT ANGEL LODGE PARKING	FROM ROUTE 0500 (VILLAGE LOOP DRIVE)	TO ROUTE 0436ZZ (BRIGHT ANGEL LOOP ROADS)	SOUTH RIM	PUBLIC	28,404	AS	6
0908ZZ	6	1	58293		MASWICK STANDARD PARKING AREAS	FROM ROUTE 0500 (VILLAGE LOOP DRIVE) ON LEFT AND RIGHT	TO PARKING	SOUTH RIM	PUBLIC	194,394	AS	5
0909	6	1	58297		SERVICE PARKING AREA	FROM ROUTE 0500 (VILLAGE LOOP DRIVE)	TO ROUTE 0501 (VILLAGE LOOP BYPASS)	SOUTH RIM	PUBLIC	55,245	AS	6
0910	6	1	58340		HUMAN RESOURCES PARKING	FROM ROUTE 0500 (VILLAGE LOOP DRIVE) AT MP 1.03 ON RIGHT	TO PARKING	SOUTH RIM	PUBLIC	5,022	AS	6
0911	6	1	58343		TRAILVIEW PARKING SEC 2	ADJACENT TO ROUTE 0015 (HERMIT REST ROAD) AT MP 1.11		SOUTH RIM	PUBLIC	4,233	AS	5
0912	6	1	58348		GRAND CANYON VISTA PARKING	FROM ROUTE 0015 (HERMIT REST ROAD) AT MP 1.43 ON RIGHT	TO ROUTE 0015 (HERMIT REST ROAD) AT MP 1.47 ON RIGHT	SOUTH RIM	PUBLIC	9,358	AS	5
0913	6	1	58350		MARICOPA POINT PARKING	ADJACENT TO ROUTE 0015 (HERMIT REST ROAD) AT MP 1.78		SOUTH RIM	PUBLIC	4,326	AS	5
0914	6	1	58356		POWELL MEMORIAL PARKING	ADJACENT TO ROUTE 0169 (POWELL MEMORIAL ROAD)		SOUTH RIM	PUBLIC	3,415	AS	5

Cycle 6 NPS / RIP Route ID Report

(Numerical By Summary Route and Subcomponent #)



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GRCA Grand Canyon National Park

PARKING AREA INVENTORY (1300 SERIES FMSS LOCATIONS)

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						From	To					
0915	6	1	58358		HOPI POINT PARKING	FROM ROUTE 0015 (HERMIT REST ROAD) AT MP 2.35 ON RIGHT	TO ROUTE 0015 (HERMIT REST ROAD) AT MP 2.37 ON RIGHT	SOUTH RIM	PUBLIC	19,031	AS	5
0916	6	1	58360		HOPI POINT II PARKING	FROM ROUTE 0015 (HERMIT REST ROAD) AT MP 2.40 ON RIGHT	TO ROUTE 0015 (HERMIT REST ROAD) AT MP 2.42 ON RIGHT	SOUTH RIM	PUBLIC	4,194	AS	5
0917ZZ	6	1	58362		MOHAVE POINT PARKING AREAS	ADJACENT TO ROUTE 0168 (MOHAVE POINT ROAD) AT MP 0.12 ON LEFT AND RIGHT		SOUTH RIM	PUBLIC	7,990	AS	5
0918	6	1	58363		ABYSS PARKING	ADJACENT TO ROUTE 0015 (HERMIT REST ROAD) AT MP 4.11		SOUTH RIM	PUBLIC	2,597	AS	4
0919ZZ	6	1	58372		PIMA POINT PARKING AREAS	ADJACENT TO ROUTE 0167 (PIMA POINT ROAD)		SOUTH RIM	PUBLIC	5,666	AS	4
0920	6	1	58384		HERMIT'S REST PARKING	FROM END OF ROUTE 0015 (HERMIT REST ROAD)	TO PARKING	SOUTH RIM	PUBLIC	26,890	AS	4
0921	6	1	58385		TRAIN STATION PARKING	ADJACENT TO ROUTE 0500 (VILLAGE LOOP DRIVE) AT MP 0.09		SOUTH RIM	PUBLIC	9,974	AS	6
0923	6	1	58386		MASWICK TRANSPORTATION CENTER PARKING	FROM ROUTE 0426 (MASWICK TRANSPORTATION CENTER ROAD)	TO PARKING	SOUTH RIM	PUBLIC	103,391	AS	5,6
0924ZZ	6	1	58388		RANGER OPERATIONS AND MAGISTRATE PARKING	FROM ROUTE 0016 (CENTER ROAD) AT MP 1.58 ON LEFT	TO PARKING	SOUTH RIM	PUBLIC	25,205	AS	6
0925	6	1	58390		GENERAL OFFICES PARKING	FROM ROUTE 0432 (NAVAJO STREET)	TO PARKING	SOUTH RIM	PUBLIC	15,045	AS	6
0926	6	1	58393		SCHOOL PARKING WEST	FROM ROUTE 0409 (BOULDER STREET)	TO PARKING	SOUTH RIM	PUBLIC	11,218	AS	6
0927	6	1	103177		BOULDER STREET RESIDENCE PARKING	FROM ROUTE 0409 (BOULDER STREET)	TO PARKING	SOUTH RIM	PUBLIC	4,089	AS	6
0928	6	1	58396		COCONINO SCHOOL PARKING	FROM ROUTE 0601 (ALBRIGHT AVENUE) AND END OF ROUTE 0408 (COCONINO ROAD)	TO PARKING	SOUTH RIM	PUBLIC	36,918	AS	6

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GRCA Grand Canyon National Park

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						From	To					
0930	6	1	58401		CONCESSIONS OPERATION COMPLEX PARKING	FROM ROUTE 0601 (ALBRIGHT AVENUE) AT MP 0.50 ON RIGHT	TO ROUTE 0601 (ALBRIGHT AVENUE) AT MP 0.57 ON RIGHT	SOUTH RIM	PUBLIC	131,227	AS	6
0931	6	1	58402		SHUTTLE BUS PARKING	FROM ROUTE 0488 (FIRE STATION ACCESS ROAD)	TO PARKING	SOUTH RIM	NONPUBLIC	49,311	AS	7
0932	6	1	58403		FIRE STATION PARKING	FROM ROUTE 0488 (FIRE STATION ACCESS ROAD)	TO PARKING	SOUTH RIM	NONPUBLIC	6,985	AS	7
0933	6	1	90376		GRAND CANYON ASSOCIATION PARKING	FROM ROUTE 0403 (TONTO STREET)	TO PARKING	SOUTH RIM	PUBLIC	11,587	AS	6
0934ZZ	6	1	58405		STABLE PARKING AREAS	FROM ROUTE 0431 (JUNIPER HILL)	TO PARKING	SOUTH RIM	PUBLIC	25,434	AS	6
0935	6	1	58407		SCHOOL PARKING EAST	FROM ROUTE 0016 (CENTER ROAD) AT MP 1.42 ON LEFT	TO ROUTE 0016 (CENTER ROAD) AT MP 1.44 ON LEFT	SOUTH RIM	PUBLIC	6,886	AS	6
0936	NC		90377		MAINTENANCE AREA PARKING	FROM ROUTE 0410 (PIMA STREET)	TO PARKING	SOUTH RIM	PUBLIC	6,500	GR	
0937ZZ	6	1	58411		CLINIC EMS PARKING AREAS	FROM ROUTE 0288 (CLINIC ACCESS ROAD) ON LEFT AND RIGHT	TO PARKING	SOUTH RIM	PUBLIC	60,665	AS	7
0938	6	1	58412		CONCESSIONS LAUNDRY PARKING	FROM ROUTE 0287 (MASWICK LAUNDRY ROAD) AT MP 0.23 ON RIGHT	TO ROUTE 0287 (MASWICK LAUNDRY ROAD) AT MP 0.25 ON RIGHT	SOUTH RIM	PUBLIC	9,695	AS	5
0939	6	1	58413		WASTEWATER TREATMENT AREA	FROM ROUTE 0427 (KENNELS ROAD)	TO PARKING	SOUTH RIM	NONPUBLIC	33,244	AS	5
0940	6	1	58414		BUSINESS CENTER PARKING	FROM ROUTE 0446 (YAVAPAI LODGE ROAD)	TO ROUTE 0017 (MARKET PLAZA ROAD)	SOUTH RIM	PUBLIC	147,361	AS	7
0941	6	1	58416		MATHER CAMPGROUND SERVICES PARKING	FROM ROUTE 0271 (MATHER CAMPGROUND ACCESS ROAD)	TO PARKING	SOUTH RIM	PUBLIC	28,780	AS	7
0942	6	1	58417	■	YAVAPAI EAST PARKING	FROM ROUTE 0446 (YAVAPAI LODGE ROAD) AT MP 0.13 ON LEFT	TO ROUTE 0446 (YAVAPAI LODGE ROAD) AT MP 0.37 ON LEFT	SOUTH RIM	PUBLIC	80,794	AS	7
0943	6	1	58418	■	YAVAPAI WEST I PARKING	FROM ROUTE 0446 (YAVAPAI LODGE ROAD) ON RIGHT	TO PARKING	SOUTH RIM	PUBLIC	63,317	AS	7

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GRCA Grand Canyon National Park

PARKING AREA INVENTORY (1300 SERIES FMSS LOCATIONS)

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						From	To					
0944	6	1	58419	■	YAVAPAI WEST II PARKING	FROM ROUTE 0446 (YAVAPAI LODGE ROAD) ON RIGHT	TO PARKING	SOUTH RIM	PUBLIC	47,828	AS	7
0945	6	1	58420		SECTION 1 PULLOUT PARKING	ADJACENT TO ROUTE 0011 (DESERT VIEW DRIVE) AT MP 0.13		SOUTH RIM	PUBLIC	5,254	AS	7
0946	6	1	58421		PIPE CREEK PARKING 1	ADJACENT TO ROUTE 0011 (DESERT VIEW DRIVE) AT MP 0.71		SOUTH RIM	PUBLIC	4,868	AS	7
0947	6	1	58430		PIPE CREEK PARKING 2	ADJACENT TO ROUTE 0011 (DESERT VIEW DRIVE) AT MP 0.87		SOUTH RIM	PUBLIC	4,435	AS	7
0948	6	1	58433		YAKI POINT PARKING	ADJACENT TO ROUTE 0262 (YAKI POINT ROAD)		SOUTH RIM	PUBLIC	4,852	AS	8
0949	6	1	56628		KAIBAB TRAIL SERVICE ROAD PARKING	FROM END OF ROUTE 0263 (KAIBAB TRAIL ACCESS ROAD)	TO PARKING	SOUTH RIM	PUBLIC	19,903	AS	8
0950	6	1	58436		DUCK-ON-A-ROCK OVERLOOK PARKING	FROM ROUTE 0011 (DESERT VIEW DRIVE) AT MP 3.89	TO ROUTE 0011 (DESERT VIEW DRIVE) AT MP 3.96	SOUTH RIM	PUBLIC	21,632	AS	8
0951	6	1	58438		TWIN OVERLOOK PARKING 1	ADJACENT TO ROUTE 0011 (DESERT VIEW DRIVE) AT MP 4.75		SOUTH RIM	PUBLIC	6,045	AS	8
0952	6	1	58441		TWIN OVERLOOK PARKING 2	ADJACENT TO ROUTE 0011 (DESERT VIEW DRIVE) AT MP 4.83		SOUTH RIM	PUBLIC	6,893	AS	8
0953	6	1	58444		THOR'S HAMMER OVERLOOK PARKING	ADJACENT TO ROUTE 0011 (DESERT VIEW DRIVE) AT MP 6.61		SOUTH RIM	PUBLIC	10,493	AS	8
0954	6	1	58446		BUGGELN PICNIC AREA	FROM ROUTE 0011 (DESERT VIEW DRIVE) AT MP 12.03 ON LEFT	TO PARKING	SOUTH RIM	PUBLIC	12,500	AS	9
0955	6	1	58447		NO-NAME POINT PARKING	FROM ROUTE 0011 (DESERT VIEW DRIVE) AT MP 19.45	TO ROUTE 0011 (DESERT VIEW DRIVE) AT MP 19.51	SOUTH RIM	PUBLIC	18,458	AS	10
0956	6	1	58448		NAVAJO POINT PARKING	FROM ROUTE 0011 (DESERT VIEW DRIVE) AT MP 20.87	TO PARKING	SOUTH RIM	PUBLIC	27,120	AS	10
0958	6	1	58452		DESERT VIEW GAS STATION	FROM ROUTE 0171 (DESERT VIEW GAS STATION ACCESS ROAD)	TO ROUTE 0270 (DESERT VIEW CAMPGROUND)	SOUTH RIM	PUBLIC	26,761	AS	10

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					Route Name	From						To
0959	6	1	58453		DESERT VIEW RANGER AND MAINTENANCE PARKING	FROM ROUTE 0461ZZ (EAST ENTRANCE RESIDENCE ROADS)	TO ROUTE 0492 (DESERT VIEW MAINTENANCE / RANGER STATION ROAD)	SOUTH RIM	PUBLIC	3,829	AS	10
0960	6	1	58455		NORTH RIM ENTRANCE PARKING	FROM ROUTE 0014 (NORTH ENTRANCE ROAD (HWY 67)) AT MP 0.18 ON LEFT	TO ROUTE 0014 (NORTH ENTRANCE ROAD (HWY 67)) AT MP 0.23	NORTH RIM	PUBLIC	6,642	AS	1
0961	6	1	58456		NORTH RIM FOREST PARKING (PICNIC AREA)	FROM ROUTE 0014 (NORTH ENTRANCE ROAD (HWY 67)) AT MP 4.01 ON LEFT	TO ROUTE 0014 (NORTH ENTRANCE ROAD (HWY 67)) AT MP 4.06 ON LEFT	NORTH RIM	PUBLIC	11,040	AS	1
0962	NC		90480		WIDFORSS TRAILHEAD PARKING	FROM ROUTE 0293 (POINT SUBLIME ROAD (W1))	TO PARKING	NORTH RIM	PUBLIC	12,825	GR	
0963	6	1	58457		KAIBAB TRAILHEAD PARKING	FROM ROUTE 0014 (NORTH ENTRANCE ROAD (HWY 67)) AT MP 10.68 ON LEFT	TO ROUTE 0406 (MULE CORRAL AND MAINTENANCE AREA)	NORTH RIM	PUBLIC	27,489	AS	2
0964	NC		90481		PICNIC AREA PARKING	FROM ROUTE 0014 (NORTH ENTRANCE ROAD (HWY 67)) AT MP 11.81 ON LEFT	TO ROUTE 0014 (NORTH ENTRANCE ROAD (HWY 67))	NORTH RIM	PUBLIC	4,600	GR	
0965ZZ	6	1	58459		GRAND CANYON LODGE PARKING AREAS	FROM ROUTE 0014 (NORTH ENTRANCE ROAD (HWY 67))	TO PARKING	NORTH RIM	PUBLIC	132,454	AS	2
0966	6	1	58460		MIXED BLESSINGS PARKING	FROM ROUTE 0013 (CAPE ROYAL ROAD) AT MP 3.79	TO ROUTE 0013 (CAPE ROYAL ROAD) AT MP 3.82	NORTH RIM	PUBLIC	4,917	AS	1
0967	6	1	58462		POINT IMPERIAL PARKING	FROM END OF ROUTE 0010 (POINT IMPERIAL ROAD)	TO PARKING	NORTH RIM	PUBLIC	32,095	AS	1
0968	6	1	58465		VISTA ENCANTADA/PICNIC AREA	FROM ROUTE 0013 (CAPE ROYAL ROAD) AT MP 10.05	TO PARKING	NORTH RIM	PUBLIC	13,811	AS	1
0969	6	1	58467		ROOSEVELT POINT PARKING	FROM ROUTE 0013 (CAPE ROYAL ROAD) AT MP 11.75	TO ROUTE 0013 (CAPE ROYAL ROAD) AT MP 11.78	NORTH RIM	PUBLIC	5,295	AS	3
0970	6	1	58468		WAHALLA PLATEAU OVERLOOK PARKING	FROM ROUTE 0013 (CAPE ROYAL ROAD) AT MP 18.23	TO ROUTE 0013 (CAPE ROYAL ROAD) AT MP 18.35	NORTH RIM	PUBLIC	22,058	AS	3
0971	6	1	58469		GAS STATION PARKING	FROM ROUTE 0201 (NORTH RIM CAMPGROUND ROAD) AT MP 0.05 ON RIGHT	TO ROUTE 0201 (NORTH RIM CAMPGROUND ROAD) AT MP 0.07 ON RIGHT	NORTH RIM	PUBLIC	10,646	AS	2

Cycle 6 NPS / RIP Route ID Report

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GRCA Grand Canyon National Park

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0972	6	1	58470		NORTH RIM CAMPGROUND SHOWERS & LAUNDRYMAT PARKING	ADJACENT TO ROUTE 0201 (NORTH RIM CAMPGROUND ROAD)		NORTH RIM	PUBLIC	4,664	AS	2
0973	6	1	58472		NORTH RIM CAMPGROUND GENERAL STORE PARKING	ADJACENT TO ROUTE 0273ZZ (NORTH RIM CAMPGROUND ROADS)		NORTH RIM	PUBLIC	3,730	AS	2
0975ZZ	6	1	58475		NORTH RIM RESIDENCE PARKING AREAS	ADJACENT TO ROUTE 0449 (NORTH RIM RESIDENCE LOOP)		NORTH RIM	PUBLIC	7,920	AS	2
0976	6	1	58478		NORTH RIM ADMINISTRATIVE BUILDING PARKING	ADJACENT TO ROUTES 0405 (ADMIN LOOP) AND 0449 (NORTH RIM RESIDENCE LOOP)		NORTH RIM	PUBLIC	2,962	AS	2
0977	6	1	58482		NORTH RIM FIRE PARKING	ADJACENT TO ROUTE 0013 (CAPE ROYAL ROAD) AT MP 13.9		NORTH RIM	PUBLIC	1,935	AS	3
0978	6	1	58485		GREENLAND LAKES CABIN PARKING	ADJACENT TO ROUTE 0013 (CAPE ROYAL ROAD) AT MP 8.02		NORTH RIM	PUBLIC	967	AS	1
0979ZZ	6	1	58488		GENERAL OFFICES TAXI AND CONCESSIONS GARAGE PARKING AREAS	FROM ROUTE 0012 (SOUTH ENTRANCE ROAD) AT MP 6.56	TO PARKING	SOUTH RIM	PUBLIC	9,914	AS	6
0980ZZ	6	1	90482		GRANDVIEW POINT ROAD PARKING AREAS	ADJACENT TO ROUTE 0264 (GRANDVIEW POINT ROAD)		SOUTH RIM	PUBLIC	13,783	AS	9
0981	6	1	90485		LIPAN POINT PARKING	FROM END OF ROUTE 0267 (LIPAN POINT ROAD)	TO PARKING	SOUTH RIM	PUBLIC	15,911	AS	10
0982	6	1	90486		MAINTAINING MOUNTAIN MEADOWS PARKING	ADJACENT TO ROUTE 0013 (CAPE ROYAL ROAD) AT MP 1.52 ON RIGHT		NORTH RIM	PUBLIC	3,084	AS	1
0983ZZ	6	1	102309		APACHE WEST PARKING AREAS	ADJACENT TO ROUTE 0414 (APACHE WEST)		SOUTH RIM	PUBLIC	8,990	AS	6
0984	6	1	90378		YAVAPAI POINT PARKING	FROM ROUTE 0012 (SOUTH ENTRANCE ROAD)	TO PARKING	SOUTH RIM	PUBLIC	75,953	AS	7
0986	6	1	90496		BOULDER WEST PARKING	FROM ROUTE 0408 (COCONINO ROAD)	TO PARKING	SOUTH RIM	PUBLIC	3,914	AS	6

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0987	6	1	90498		LOOP STREET PARKING	FROM ROUTE 0408 (COCONINO ROAD)	TO PARKING	SOUTH RIM	PUBLIC	26,630	AS	6
0989ZZ	6	1	90500		PAIUTE APARTMENTS PARKING AREAS	ADJACENT TO ROUTE 0429ZZ (PAIUTE CIRCLE ROADS) ON LEFT AND RIGHT		SOUTH RIM	PUBLIC	25,796	AS	6
0990ZZ	6	1	90501		TUSAYAN MUSEUM AND RUIN PARKING AREAS	ADJACENT TO ROUTE 0266 (TUSAYAN RUIN ROAD)		SOUTH RIM	PUBLIC	7,025	AS	10
0991ZZ	6	1	90503		MORAN POINT PARKING AREAS	ADJACENT TO ROUTE 0265 (MORAN POINT ROAD)		SOUTH RIM	PUBLIC	8,710	AS	9
0993	6	1	90380		BOOK STORE EMPLOYEE PARKING	FROM ROUTE 1054ZZ (VISITOR CENTER PARKING AREAS)	TO PARKING	SOUTH RIM	NONPUBLIC	4,763	AS	7
0994	6	1	90505		TRAILER VILLAGE DORM PARKING	FROM ROUTE 0277ZZ (TRAILER VILLAGE OUTER LOOP ROADS)	TO PARKING	SOUTH RIM	PUBLIC	18,917	AS	7
0995	6	1	90382		DAY CARE AND RECREATION CENTER PARKING	FROM INTERSECTION OF ROUTES 0601 (ALBRIGHT AVENUE) AND 0422 (SOUTH MOHAVE STREET)	TO PARKING	SOUTH RIM	PUBLIC	32,621	AS	6
0996	6	1	90506		YAVAPAI LODGE BUS PARKING	ADJACENT TO ROUTE 0446 (YAVAPAI LODGE ROAD)		SOUTH RIM	PUBLIC	4,010	AS	7
0997	6	1	90508		CAMPGROUND REGISTRATION/ CAMPFIRE PROGRAM PARKING	FROM ROUTE 0201 (NORTH RIM CAMPGROUND ROAD)	TO ROUTE 0273ZZ (NORTH RIM CAMPGROUND ROADS)	NORTH RIM	PUBLIC	19,221	AS	2
0998	6	1	90509		NORTH RIM CAMPGROUND DUMP STATION	FROM ROUTE 0273ZZ (TO ROUTE 0273ZZ (NORTH RIM CAMPGROUND ROADS))	TO ROUTE 0273ZZ (NORTH RIM CAMPGROUND ROADS)	NORTH RIM	PUBLIC	6,700	AS	2
0999	6	1	90383		NEW MAINTENANCE AREA	FROM END OF ROUTE 0428 (SHUTTLE BUS ROAD)	TO PARKING	SOUTH RIM	PUBLIC	184,271	AS	7
1001ZZ	6	1	90385		RANDY THOMPSON CIRCLE PARKING AREAS	ADJACENT TO ROUTE 0440 (RANDY THOMPSON CIRCLE)		SOUTH RIM	PUBLIC	3,888	AS	7
1002	6	1	90388		BARRY HANCE CIRCLE PARKING	ADJACENT TO ROUTE 0438 (BARRY HANCE CIRCLE)		SOUTH RIM	PUBLIC	1,735	AS	7
1003ZZ	6	1	90511		HERMIT CIRCLE PARKING AREAS	ADJACENT TO ROUTE 0434 (HERMIT CIRCLE)		SOUTH RIM	PUBLIC	6,296	AS	6

Cycle 6 NPS / RIP Route ID Report

(Numerical By Summary Route and Subcomponent #)

Shading Color Key

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Black = Non-NPS Routes

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Yellow = Unpaved Routes, DCV not Driven

Blue = Paved Parking Areas

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GRCA Grand Canyon 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					
1004	6	1	90513		MOHAVE SOUTH STREET PARKING	FROM END OF ROUTE 0422 (SOUTH MOHAVE STREET)	TO PARKING	SOUTH RIM	PUBLIC	5,326	AS	6
1005	6	1	56581	■	CONCESSION APARTMENT PARKING	FROM ROUTE 0422 (SOUTH MOHAVE STREET) ON LEFT	TO PARKING	SOUTH RIM	PUBLIC	8,618	AS	6
1006	6	1	56582	■	GRAND CANYON CONCESSION PARKING	FROM ROUTE 0422 (SOUTH MOHAVE STREET) ON RIGHT	TO PARKING	SOUTH RIM	PUBLIC	8,509	AS	6
1007ZZ	6	1	90389		MOHAVE COURT PARKING AREAS	ADJACENT TO ROUTE 0423 (MOHAVE COURT)		SOUTH RIM	PUBLIC	15,200	AS	6
1008ZZ	6	1	90396		KOLB ROAD PARKING AREAS	ADJACENT TO ROUTE 0419 (KOLB STREET)		SOUTH RIM	PUBLIC	2,571	AS	6
1009	6	1	56572		HUALAPAI COURT PARKING	FROM ROUTE 0417 (HUALAPAI ROAD)	TO PARKING	SOUTH RIM	PUBLIC	6,409	AS	6
1010ZZ	6	1	90517		MUAV COURT PARKING AREAS	ADJACENT TO ROUTE 0416 (MUAV COURT) ON LEFT AND RIGHT		SOUTH RIM	PUBLIC	18,067	AS	6
1012	6	1	90527		GENERATOR LOOP PARKING	FROM ROUTE 0450 (WASTEWATER PLANT / HELIPAD ROAD)	TO PARKING	NORTH RIM	PUBLIC	7,966	AS	2
1013	6	1	90528		BUNKHOUSE PARKING	ADJACENT TO ROUTE 0405 (ADMIN LOOP) ON LEFT		NORTH RIM	PUBLIC	882	AS	2
1014ZZ	6	1	90529	■	CONCESSIONAIRE DORM PARKING AREAS	ADJACENT TO ROUTE 0448ZZ (CONCESSIONAIRE ROADS)		NORTH RIM	PUBLIC	42,380	AS	2
1015	NC		90530		CAPE ROYAL PARKING	FROM END OF ROUTE 0013 (CAPE ROYAL ROAD)	TO DEAD END	NORTH RIM	PUBLIC	43,560	GR	
1016	6	1	90398		MATHER CAMPGROUND DUMP STATION	FROM ROUTE 0941 (MATHER CAMPGROUND SERVICES PARKING)	TO PARKING	SOUTH RIM	PUBLIC	7,846	AS	7
1017	6	1	90531		RESIDENCE PARKING AREA	ADJACENT TO ROUTE 0405 (ADMIN LOOP)		NORTH RIM	PUBLIC	1,377	AS	2
1021	6	1	103380		BUS LOADING PARKING	ADJACENT TO ROUTE 0409 (BOULDER STREET)		SOUTH RIM	PUBLIC	5,110	AS	6

Cycle 6 NPS / RIP Route ID Report

(Numerical By Summary Route and Subcomponent #)



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GRCA Grand Canyon National Park

PARKING AREA INVENTORY (1300 SERIES FMSS LOCATIONS)

Route No.	Cycle Collected	Iteration Collected	FMSS Number	Concession	Route Description		Maintenance District	Access Level	Area (SQ FT)	Surf. Type	Area Map	
					Route Name	From						To
1025ZZ	6	1	102350		DESERT VIEW BUS PARKING AREAS	FROM ROUTE 0172 (DESERT VIEW ACCESS ROAD)	TO PARKING	SOUTH RIM	PUBLIC	81,934	AS	10
1026	6	1	102351		DESERT VIEW VISITOR PARKING	FROM ROUTE 0172 (DESERT VIEW ACCESS ROAD)	TO ROUTE 0172 (DESERT VIEW ACCESS ROAD)	SOUTH RIM	PUBLIC	107,824	AS	10
1027ZZ	6	1	104064		FOUR PLEX PARKING AREAS	ADJACENT TO ROUTE 0461ZZ (EAST ENTRANCE RESIDENCE ROADS)		SOUTH RIM	PUBLIC	2,849	AS	10
1031	6	1	97463		MOHAVE RESIDENTIAL PARKING	FROM ROUTE 0422 (SOUTH MOHAVE STREET)	TO PARKING	SOUTH RIM	PUBLIC	12,537	AS	6
1033	6	1	97343		1ST EAST OF MOHAVE PARKING	ADJACENT TO ROUTE 0015 (HERMIT REST ROAD) AT MP 2.84		SOUTH RIM	PUBLIC	2,471	AS	5
1034	6	1	97345		1ST EAST OF PIMA POINT PARKING	ADJACENT TO ROUTE 0015 (HERMIT REST ROAD) AT MP 6.17		SOUTH RIM	PUBLIC	3,784	AS	4
1035	6	1	97344		1ST EAST OF THE ABYSS PARKING	ADJACENT TO ROUTE 0015 (HERMIT REST ROAD) AT MP 3.88		SOUTH RIM	PUBLIC	2,197	AS	4
1036	6	1	97341		2ND EAST OF MOHAVE POINT PARKING	ADJACENT TO ROUTE 0015 (HERMIT REST ROAD) AT MP 2.57		SOUTH RIM	PUBLIC	1,475	AS	5
1037	6	1	97346		2ND EAST OF PIMA POINT PARKING	ADJACENT TO ROUTE 0015 (HERMIT REST ROAD) AT MP 5.01		SOUTH RIM	PUBLIC	3,938	AS	4
1038	6	1	97342		2ND EAST OF THE ABYSS PARKING	ADJACENT TO ROUTE 0015 (HERMIT REST ROAD) AT MP 3.66		SOUTH RIM	PUBLIC	6,597	AS	4
1039	6	1	97339		3RD EAST OF PIMA POINT PARKING	ADJACENT TO ROUTE 0015 (HERMIT REST ROAD) AT MP 4.76		SOUTH RIM	PUBLIC	4,706	AS	4
1040	6	1	97337		4TH PAST PIMA POINT PARKING	ADJACENT TO ROUTE 0015 (HERMIT REST ROAD) AT MP 4.50		SOUTH RIM	PUBLIC	2,057	AS	4
1041	6	1	97340		3RD EAST OF THE ABYSS PARKING	ADJACENT TO ROUTE 0015 (HERMIT REST ROAD) AT MP 3.29		SOUTH RIM	PUBLIC	1,132	AS	5
1043	6	1	104065		PARKING FOR NPS 8-PLEX	FROM ROUTE 0461ZZ (EAST ENTRANCE RESIDENCE ROADS)	TO ROUTE 0461ZZ (EAST ENTRANCE RESIDENCE ROADS)	SOUTH RIM	PUBLIC	14,402	AS	10

Cycle 6 NPS / RIP Route ID Report

(Numerical By Summary Route and Subcomponent #)



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GRCA Grand Canyon National Park

PARKING AREA INVENTORY (1300 SERIES FMSS LOCATIONS)

Route No.	Cycle Collected	Iteration Collected	FMSS Number	Concession	Route Description		Maintenance District	Access Level	Area (SQ FT)	Surf. Type	Area Map	
					Route Name	From						To
1044ZZ	6	1	102298		RANGER OPERATIONS PARKING LOTS	ADJACENT TO ROUTE 0016 (CENTER ROAD)		SOUTH RIM	PUBLIC	3,255	AS	6
1045	6	1	227126		EAST ENTRANCE SIGN PARKING	ADJACENT TO ROUTE 0011 (DESERT VIEW DRIVE)		SOUTH RIM	PUBLIC	3,198	AS	10
1046	6	1	227129		EAST ENTRANCE STATION PARKING	FROM ROUTE 0011 (DESERT VIEW DRIVE)	TO ROUTE 0011 (DESERT VIEW DRIVE)	SOUTH RIM	PUBLIC	6,612	AS	10
1047	6	1	227130		EAST STATION EMPLOYEE PARKING	FROM ROUTE 0011 (DESERT VIEW DRIVE)	TO PARKING	SOUTH RIM	PUBLIC	6,475	AS	10
1048	6	1	103378		YAVAPAI LODGE SERVICE ROAD/PARKING	FROM ROUTE 0446 (YAVAPAI LODGE ROAD)	TO PARKING	SOUTH RIM	PUBLIC	10,097	AS	7
1049	6	1	227131		MATHER CAMPGROUND CHECK IN PARKING	FROM ROUTE 0271 (MATHER CAMPGROUND ACCESS ROAD)	TO ROUTE 0271 (MATHER CAMPGROUND ACCESS ROAD)	SOUTH RIM	PUBLIC	12,938	AS	7
1050	6	1	103562		REAR DORM PARKING	ADJACENT TO ROUTE 0277ZZ (TRAILER VILLAGE OUTER LOOP ROADS)		SOUTH RIM	PUBLIC	6,651	AS	7
1051	6	1	104061		DESERT VIEW PARKING	FROM ROUTE 0461ZZ (EAST ENTRANCE RESIDENCE ROADS)	TO PARKING	SOUTH RIM	PUBLIC	9,012	AS	10
1052	6	1	227140		EMS PARKING	FROM ROUTE 0014 (NORTH ENTRANCE ROAD (HWY 67))	TO ROUTE 0014 (NORTH ENTRANCE ROAD (HWY 67))	NORTH RIM	PUBLIC	38,090	AS	2
1053	NC		227132		LINDBERG HILL FIRE CAMP PARKING	FROM ROUTE 0407 (LINDBERG HILL MAINTENANCE AREA)	TO PARKING	NORTH RIM	PUBLIC	43,560	GR	
1054ZZ	6	1	97059		VISITOR CENTER PARKING AREAS	FROM ROUTE 0012 (SOUTH ENTRANCE ROAD)	TO PARKING	SOUTH RIM	PUBLIC	536,168	AS	7
1055	NC		113939		TUWEEP PARKING AREA	FROM ROUTE 0151 (TOROWEAP POINT ROAD)	TO ROUTE 0151 (TOROWEAP POINT ROAD)	NORTH RIM	PUBLIC	4,000	GR	
1056	NC		85736		HELIPORT & FIRE BASE PARKING	FROM ROUTE 0488 (FIRE STATION ACCESS ROAD)	TO ROUTE 0488 (FIRE STATION ACCESS ROAD)	SOUTH RIM	PUBLIC	26,814	GR	
1058	NC		97347		AZ TRAIL TURNOFF PARKING	FROM ROUTE 0166 (GRANDVIEW ENTRANCE ROAD)	TO ROUTE 0166 (GRANDVIEW ENTRANCE ROAD)	SOUTH RIM	PUBLIC	1,763	GR	

Cycle 6 NPS / RIP Route ID Report

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GRCA Grand Canyon National Park

PARKING AREA INVENTORY (1300 SERIES FMSS LOCATIONS)

Route No.	Cycle Collected	Iteration Collected	FMSS Number	Concession	Route Description		Maintenance District	Access Level	Area (SQ FT)	Surf. Type	Area Map	
					Route Name	From						To
1060	NC		89161		ANGELS WINDOW OVERLOOK PARKING	FROM END OF 0013 (CAPE ROYAL ROAD)	TO PARKING	SOUTH RIM	PUBLIC	1,413	GR	
1061ZZ	6	1	108294		BRIGHT ANGEL TRAIL HEAD PARKING AREAS	ADJACENT TO ROUTE 0436AZ (BRIGHT ANGEL LOOP ROAD A) ON LEFT AND RIGHT		SOUTH RIM	PUBLIC	16,203	AS	6
1062	6	1	112574	■	BUS LOADING/ PARKING AREA	ADJACENT TO ROUTE 0301 (RAILROAD TRACK ACCESS ROAD)		SOUTH RIM	NONPUBLIC	6,831	CO	6
1063	NC		231676		TUSAYAN PARK AND RIDE LOT	FROM ROUTE 0012 (SOUTH ENTRANCE ROAD)	TO PARKING	SOUTH RIM	PUBLIC	60,000	GR	
1065	NC		97460	■	NAVAJO RESIDENCE PARKING	FROM ROUTE 0445ZZ (NAVAJO RESIDENCE ROADS)	TO ROUTE 0445ZZ (NAVAJO RESIDENCE ROADS)	SOUTH RIM	NONPUBLIC	1,152	GR	
1066	6	1	97061		SCIENCE AND RESOURCE MANAGEMENT CENTER PARKING	FROM ROUTE 0012 (SOUTH ENTRANCE ROAD)	TO ROUTE 0012 (SOUTH ENTRANCE ROAD)	SOUTH RIM	PUBLIC	12,478	AS	7
1067	6	1	247163		TUSAYAN PARK AND RIDE PARKING	FROM AZ HIGHWAY 64 (NON NPS)	TO PARKING	SOUTH RIM	PUBLIC	58,646	AS	11
1069	NC		95811		OVERFLOW PARKING	FROM ROUTE 0501 (VILLAGE LOOP BYPASS)	TO ROUTE 0301 (RAILROAD TRACK ACCESS ROAD)	SOUTH RIM	NONPUBLIC	10,000	GR	

Cycle 6 NPS / RIP Route ID Report

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Cycle 6 Summary Totals for Grand Canyon National Park

Cycle 6 Route Totals			
	NPS Maintained	Concessionaire Maintained	Park Totals
Paved Roads, Data Collection Vehicle Rated (Miles)	107.74	0.23	107.97
Paved Roads, Manually Rated Length (Miles)	0.35	0	0.35
Paved Roads, Manually Rated Area (Sq. Ft.)	0	6,221	6,221
Unpaved Roads (Miles)	143.68	0	143.68
Paved Parking (Sq. Ft.)	3,296,025	258,277	3,554,302
Unpaved Parking (Sq. Ft.)	215,035	1,152	216,187

Cycle 6 Lane Miles and Overall Pavement Condition		
	Lanes Miles*	Pavement Condition Rating**
Data Collection Vehicle Routes	228.97	90
Manually Rated Roads	0.70	75
Parking Areas	61.20	79

* 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 #)



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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 GRCA

(Numerical By Summary Route and Subcomponent #)



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GRCA Grand Canyon 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					
0272ZZ	56549	6	1		MATHER CAMPGROUND ROADS	FROM ROUTE 0271 (MATHER CAMPGROUND ACCESS ROAD)	THROUGH CAMPGROUND LOOPS	3.53	0.00	3.53	3	
0273ZZ	98941	6	1		NORTH RIM CAMPGROUND ROADS	FROM INTERSECTION OF ROUTES 0201 (NORTH RIM CAMPGROUND ROAD) AND 0489 (INN CABIN LOOP)	THROUGH CAMPGROUND	1.08	0.00	1.08	3	
0277ZZ	56550	6	1		TRAILER VILLAGE OUTER LOOP ROADS	FROM ROUTE 0017 (MARKET PLAZA ROAD)	AROUND OUTER LOOPS	1.09	0.00	1.09	3	
0279ZZ	102247	6	1		TRAILER VILLAGE ROADS	FROM 0277ZZ (TRAILER VILLAGE OUTER LOOP ROADS)	THROUGH INTERIOR TRAILER ROADS	1.97	0.00	1.97	3	
0420ZZ	56574	6	1		MATHER STREET AREA	FROM ROUTE 0417 (HUALAPAI ROAD)	THROUGH MATHER STREET AREA	0.17	0.00	0.17	5	
0429ZZ	56587	6	1		PAIUTE CIRCLE ROADS	FROM ROUTE 0601 (ALBRIGHT AVENUE)	TO END	0.29	0.00	0.29	5	
0436ZZ	56598	6	1		BRIGHT ANGEL LOOP ROADS	FROM ROUTE 0500 (VILLAGE LOOP DRIVE)	THROUGH BRIGHT ANGEL LOOPS	0.24	0.00	0.24	2	
0445ZZ	56610	6	1		NAVAJO RESIDENCE ROADS	FROM ROUTE 0432 (NAVAJO STREET)	THROUGH NAVAJO RESIDENCE ROADS	0.11	0.00	0.11	5	
0448ZZ	58274	6	1		CONCESSIONAIRE ROADS	FROM ROUTE 0404 (AUTO SHOP ROAD)	THROUGH CONCESSION AREA	0.64	0.00	0.64	5	
0461ZZ	56745	6	1		EAST ENTRANCE RESIDENCE ROADS	FROM ROUTE 0171 (DESERT VIEW GAS STATION ACCESS ROAD)	TO RESIDENTIAL AREAS	0.77	0.00	0.77	5	

NPS / RIP Subcomponent Details for GRCA

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GRCA Grand Canyon 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		
0904ZZ	58288	6	1		EL TOVAR/VERKAMPS PARKING AREAS	FROM ROUTE 0500 (VILLAGE LOOP DRIVE)	TO PARKING	PUBLIC	64,136
0908ZZ	58293	6	1		MASWICK STANDARD PARKING AREAS	FROM ROUTE 0500 (VILLAGE LOOP DRIVE) ON LEFT AND RIGHT	TO PARKING	PUBLIC	194,394
0917ZZ	58362	6	1		MOHAVE POINT PARKING AREAS	ADJACENT TO ROUTE 0168 (MOHAVE POINT ROAD) AT MP 0.12 ON LEFT AND RIGHT		PUBLIC	7,990
0919ZZ	58372	6	1		PIMA POINT PARKING AREAS	ADJACENT TO ROUTE 0167 (PIMA POINT ROAD)		PUBLIC	5,666
0924ZZ	58388	6	1		RANGER OPERATIONS AND MAGISTRATE PARKING	FROM ROUTE 0016 (CENTER ROAD) AT MP 1.58 ON LEFT	TO PARKING	PUBLIC	25,205
0934ZZ	58405	6	1		STABLE PARKING AREAS	FROM ROUTE 0431 (JUNIPER HILL)	TO PARKING	PUBLIC	25,434
0937ZZ	58411	6	1		CLINIC EMS PARKING AREAS	FROM ROUTE 0288 (CLINIC ACCESS ROAD) ON LEFT AND RIGHT	TO PARKING	PUBLIC	60,665
0965ZZ	58459	6	1		GRAND CANYON LODGE PARKING AREAS	FROM ROUTE 0014 (NORTH ENTRANCE ROAD (HWY 67))	TO PARKING	PUBLIC	132,454
0975ZZ	58475	6	1		NORTH RIM RESIDENCE PARKING AREAS	ADJACENT TO ROUTE 0449 (NORTH RIM RESIDENCE LOOP)		PUBLIC	7,920
0979ZZ	58488	6	1		GENERAL OFFICES TAXI AND CONCESSIONS GARAGE PARKING AREAS	FROM ROUTE 0012 (SOUTH ENTRANCE ROAD) AT MP 6.56	TO PARKING	PUBLIC	9,914
0980ZZ	90482	6	1		GRANDVIEW POINT ROAD PARKING AREAS	ADJACENT TO ROUTE 0264 (GRANDVIEW POINT ROAD)		PUBLIC	13,783
0983ZZ	102309	6	1		APACHE WEST PARKING AREAS	ADJACENT TO ROUTE 0414 (APACHE WEST)		PUBLIC	8,990
0989ZZ	90500	6	1		PAIUTE APARTMENTS PARKING AREAS	ADJACENT TO ROUTE 0429ZZ (PAIUTE CIRCLE ROADS) ON LEFT AND RIGHT		PUBLIC	25,796
0990ZZ	90501	6	1		TUSAYAN MUSEUM AND RUIN PARKING AREAS	ADJACENT TO ROUTE 0266 (TUSAYAN RUIN ROAD)		PUBLIC	7,025
0991ZZ	90503	6	1		MORAN POINT PARKING AREAS	ADJACENT TO ROUTE 0265 (MORAN POINT ROAD)		PUBLIC	8,710

NPS / RIP Subcomponent Details for GRCA

(Numerical By Summary Route and Subcomponent #)



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GRCA Grand Canyon 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		
1001ZZ	90385	6	1		RANDY THOMPSON CIRCLE PARKING AREAS	ADJACENT TO ROUTE 0440 (RANDY THOMPSON CIRCLE)		PUBLIC	3,888
1003ZZ	90511	6	1		HERMIT CIRCLE PARKING AREAS	ADJACENT TO ROUTE 0434 (HERMIT CIRCLE)		PUBLIC	6,296
1007ZZ	90389	6	1		MOHAVE COURT PARKING AREAS	ADJACENT TO ROUTE 0423 (MOHAVE COURT)		PUBLIC	15,200
1008ZZ	90396	6	1		KOLB ROAD PARKING AREAS	ADJACENT TO ROUTE 0419 (KOLB STREET)		PUBLIC	2,571
1010ZZ	90517	6	1		MUAV COURT PARKING AREAS	ADJACENT TO ROUTE 0416 (MUAV COURT) ON LEFT AND RIGHT		PUBLIC	18,067
1014ZZ	90529	6	1	■	CONCESSIONAIRE DORM PARKING AREAS	ADJACENT TO ROUTE 0448ZZ (CONCESSIONAIRE ROADS)		PUBLIC	42,380
1025ZZ	102350	6	1		DESERT VIEW BUS PARKING AREAS	FROM ROUTE 0172 (DESERT VIEW ACCESS ROAD)	TO PARKING	PUBLIC	81,934
1027ZZ	104064	6	1		FOUR PLEX PARKING AREAS	ADJACENT TO ROUTE 0461ZZ (EAST ENTRANCE RESIDENCE ROADS)		PUBLIC	2,849
1044ZZ	102298	6	1		RANGER OPERATIONS PARKING LOTS	ADJACENT TO ROUTE 0016 (CENTER ROAD)		PUBLIC	3,255
1054ZZ	97059	6	1		VISITOR CENTER PARKING AREAS	FROM ROUTE 0012 (SOUTH ENTRANCE ROAD)	TO PARKING	PUBLIC	536,168
1061ZZ	108294	6	1		BRIGHT ANGEL TRAIL HEAD PARKING AREAS	ADJACENT TO ROUTE 0436AZ (BRIGHT ANGEL LOOP ROAD A) ON LEFT AND RIGHT		PUBLIC	16,203

NPS / RIP Subcomponent Details for GRCA

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GRCA Grand Canyon National Park

GRCA-0272ZZ 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					
0272AAZ	56549	6	1		MATHER CAMPGROUND ASPEN LOOP CUT THRU	FROM ROUTE 0272AZ (MATHER CAMPGROUND ASPEN LOOP) AT MP 0.13 ON LEFT	TO ROUTE 0272AZ (MATHER CAMPGROUND ASPEN LOOP) AT MP 0.41 ON LEFT	0.04	0.00	0.04	3	
0272AZ	56549	6	1		MATHER CAMPGROUND ASPEN LOOP	FROM ROUTE 0271 (MATHER CAMPGROUND ACCESS ROAD) AT MP 0.14 ON RIGHT	TO ROUTE 0271 (MATHER CAMPGROUND ACCESS ROAD) AT MP 0.19 ON RIGHT	0.59	0.00	0.59	3	
0272BZ	56549	6	1		MATHER CAMPGROUND SAGE LOOP 1	FROM ROUTE 0271 (MATHER CAMPGROUND ACCESS ROAD)	TO END OF LOOP	0.19	0.00	0.19	3	
0272CZ	56549	6	1		MATHER CAMPGROUND SAGE LOOP 2	FROM ROUTE 0272BZ (MATHER CAMPGROUND SAGE LOOP 1) AT MP 0.01 ON RIGHT	TO ROUTE 0272BZ (MATHER CAMPGROUND SAGE LOOP 1) AT MP 0.06 ON RIGHT	0.07	0.00	0.07	3	
0272DZ	56549	6	1		MATHER CAMPGROUND SAGE LOOP 3	FROM ROUTE 0272BZ (MATHER CAMPGROUND SAGE LOOP 1) AT MP 0.04	TO ROUTE 0272BZ (MATHER CAMPGROUND SAGE LOOP 1) AT MP 0.09	0.05	0.00	0.05	3	
0272EZ	56549	6	1		MATHER CAMPGROUND SAGE LOOP 4	FROM ROUTE 0272BZ (MATHER CAMPGROUND SAGE LOOP 1) AT MP 0.08 ON LEFT	TO ROUTE 0272BZ (MATHER CAMPGROUND SAGE LOOP 1) AT MP 0.01 ON LEFT	0.08	0.00	0.08	3	
0272FAZ	56549	6	1		MATHER CAMPGROUND FIR LOOP CUT THRU	FROM ROUTE 0272FZ (MATHER CAMPGROUND FIR LOOP) AT MP 0.12 ON LEFT	TO ROUTE 0272FZ (MATHER CAMPGROUND FIR LOOP) AT MP 0.35 ON LEFT	0.04	0.00	0.04	3	
0272FZ	56549	6	1		MATHER CAMPGROUND FIR LOOP	FROM ROUTE 0271 (MATHER CAMPGROUND ACCESS ROAD) AT MP 0.22 ON RIGHT	TO ROUTE 0271 (MATHER CAMPGROUND ACCESS ROAD) AT MP 0.28 ON RIGHT	0.49	0.00	0.49	3	
0272GZ	56549	6	1		MATHER CAMPGROUND PINE LOOP	FROM ROUTE 0271 (MATHER CAMPGROUND ACCESS ROAD) AT MP 0.25 ON LEFT	TO ROUTE 0271 (MATHER CAMPGROUND ACCESS ROAD) AT MP 0.27 ON LEFT	0.47	0.00	0.47	3	
0272HZ	56549	6	1		MATHER CAMPGROUND JUNIPER LOOP 1	FROM ROUTE 0271 (MATHER CAMPGROUND ACCESS ROAD) AT MP 0.30 ON RIGHT	TO ROUTE 0271 (MATHER CAMPGROUND ACCESS ROAD) AT MP 0.34 ON RIGHT	0.33	0.00	0.33	3	

NPS / RIP Subcomponent Details for GRCA

(Numerical By Summary Route and Subcomponent #)



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GRCA Grand Canyon National Park

GRCA-0272ZZ 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					
0272IZ	56549	6	1		MATHER CAMPGROUND JUNIPER LOOP 2	FROM ROUTE 0272HZ (MATHER CAMPGROUND JUNIPER LOOP 1) AT MP 0.14 ON RIGHT	TO ROUTE 0272HZ (MATHER CAMPGROUND JUNIPER LOOP 1) AT MP 0.19 ON RIGHT	0.44	0.00	0.44	3	
0272JZ	56549	6	1		MATHER CAMPGROUND OAK LOOP 1	FROM ROUTE 0271 (MATHER CAMPGROUND ACCESS ROAD) AT MP 0.34 ON LEFT	TO ROUTE 0272LZ (MATHER CAMPGROUND MAPLE LOOP) AT MP 0.17	0.25	0.00	0.25	3	
0272KZ	56549	6	1		MATHER CAMPGROUND OAK LOOP 2	FROM ROUTE 0272JZ (MATHER CAMPGROUND OAK LOOP 1) AT MP 0.13 ON LEFT	TO ROUTE 0272JZ (MATHER CAMPGROUND OAK LOOP 1) AT MP 0.20 ON LEFT	0.24	0.00	0.24	3	
0272LZ	56549	6	1		MATHER CAMPGROUND MAPLE LOOP	FROM END OF ROUTE 0271 (MATHER CAMPGROUND ACCESS ROAD)	TO END OF LOOP	0.25	0.00	0.25	3	

NPS / RIP Subcomponent Details for GRCA

(Numerical By Summary Route and Subcomponent #)



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Blue = Paved Parking Areas

Green = Unpaved Parking Areas

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GRCA Grand Canyon National Park

GRCA-0273ZZ 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					
0273AZ	98941	6	1		NORTH RIM CAMPGROUND OUTER LOOP	FROM END OF ROUTE 0201 (NORTH RIM CAMPGROUND ROAD) ON LEFT	TO END OF LOOP WITH ROUTE 0201 (NORTH RIM CAMPGROUND ROAD) ON THE RIGHT	0.63	0.00	0.63	3	
0273BZ	98941	6	1		NORTH RIM CAMPGROUND SITES 80 TO 83	FROM ROUTE 0273AZ (NORTH RIM CAMPGROUND OUTER LOOP) AT MP 0.04 ON LEFT	TO ROUTE 0273AZ (NORTH RIM CAMPGROUND OUTER LOOP) AT MP 0.54 ON LEFT	0.06	0.00	0.06	3	
0273CZ	98941	6	1		NORTH RIM CAMPGROUND SITES 74 TO 79	FROM ROUTE 0273AZ (NORTH RIM CAMPGROUND OUTER LOOP) AT MP 0.06 ON LEFT	TO ROUTE 0273AZ (NORTH RIM CAMPGROUND OUTER LOOP) AT MP 0.49 ON LEFT	0.09	0.00	0.09	3	
0273DZ	98941	6	1		NORTH RIM CAMPGROUND SITES 64 TO 73	FROM ROUTE 0273AZ (NORTH RIM CAMPGROUND OUTER LOOP) AT MP 0.11 ON LEFT	TO ROUTE 0273AZ (NORTH RIM CAMPGROUND OUTER LOOP) AT MP 0.44 ON LEFT	0.11	0.00	0.11	3	
0273EZ	98941	6	1		NORTH RIM CAMPGROUND SITES 53 TO 63	FROM ROUTE 0273AZ (NORTH RIM CAMPGROUND OUTER LOOP) AT MP 0.16 ON LEFT	TO ROUTE 0273AZ (NORTH RIM CAMPGROUND OUTER LOOP) AT MP 0.40 ON LEFT	0.11	0.00	0.11	3	
0273FZ	98941	6	1		NORTH RIM CAMPGROUND SITES 47 TO 52	FROM ROUTE 0273AZ (NORTH RIM CAMPGROUND OUTER LOOP) AT MP 0.19 ON LEFT	TO ROUTE 0273AZ (NORTH RIM CAMPGROUND OUTER LOOP) AT MP 0.34 ON LEFT	0.08	0.00	0.08	3	

NPS / RIP Subcomponent Details for GRCA

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Green = Unpaved Parking Areas

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GRCA Grand Canyon National Park

GRCA-0277ZZ 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					
0277AZ	56550	6	1		TRAILER VILLAGE OUTER LOOP A	FROM ROUTE 0017 (MARKET PLAZA ROAD) AT MP 1.00 ON RIGHT	TO INTERSECTION OF ROUTE 0279AZ (TRAILER VILLAGE ROAD A) AND ROUTE 1050 (REAR DORM PARKING)	0.72	0.00	0.72	3	
0277BZ	56550	6	1		TRAILER VILLAGE OUTER LOOP B	FROM ROUTE 0277AZ (TRAILER VILLAGE OUTER LOOP A) AT MP 0.47 ON RIGHT	TO ROUTE 0277AZ (TRAILER VILLAGE OUTER LOOP A) AT MP 0.35	0.37	0.00	0.37	3	

NPS / RIP Subcomponent Details for GRCA

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Blue = Paved Parking Areas

Green = Unpaved Parking Areas

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GRCA Grand Canyon National Park

GRCA-0279ZZ 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					
0279AZ	102247	6	1		TRAILER VILLAGE ROAD A	FROM ROUTE 0277AZ (TRAILER VILLAGE OUTER LOOP A) AT MP 0.33 ON LEFT	TO ROUTE 0277AZ (TRAILER VILLAGE OUTER LOOP A) AT MP 0.71 ON LEFT	0.05	0.00	0.05	3	
0279BZ	102247	6	1		TRAILER VILLAGE ROAD B	FROM ROUTE 0277AZ (TRAILER VILLAGE OUTER LOOP A) AT MP 0.36 ON LEFT	TO ROUTE 0277AZ (TRAILER VILLAGE OUTER LOOP A) AT MP 0.70 ON LEFT	0.07	0.00	0.07	3	
0279CZ	102247	6	1		TRAILER VILLAGE ROAD C	FROM ROUTE 0277AZ (TRAILER VILLAGE OUTER LOOP A) AT MP 0.37 ON LEFT	TO ROUTE 0277AZ (TRAILER VILLAGE OUTER LOOP A) AT MP 0.69 ON LEFT	0.08	0.00	0.08	3	
0279DZ	102247	6	1		TRAILER VILLAGE ROAD D	FROM ROUTE 0277AZ (TRAILER VILLAGE OUTER LOOP A) AT MP 0.38 ON LEFT	TO ROUTE 0277AZ (TRAILER VILLAGE OUTER LOOP A) AT MP 0.68	0.08	0.00	0.08	3	
0279EZ	102247	6	1		TRAILER VILLAGE ROAD E	FROM ROUTE 0277AZ (TRAILER VILLAGE OUTER LOOP A) AT MP 0.40 ON LEFT	TO ROUTE 0277AZ (TRAILER VILLAGE OUTER LOOP A) AT MP 0.67	0.09	0.00	0.09	3	
0279FZ	102247	6	1		TRAILER VILLAGE ROAD F	FROM ROUTE 0277AZ (TRAILER VILLAGE OUTER LOOP A) AT MP 0.41 ON LEFT	TO ROUTE 0277AZ (TRAILER VILLAGE OUTER LOOP A) AT MP 0.66	0.09	0.00	0.09	3	
0279GZ	102247	6	1		TRAILER VILLAGE ROAD G	FROM ROUTE 0277AZ (TRAILER VILLAGE OUTER LOOP A) AT MP 0.42 ON LEFT	TO ROUTE 0277AZ (TRAILER VILLAGE OUTER LOOP A) AT MP 0.65	0.10	0.00	0.10	3	
0279HZ	102247	6	1		TRAILER VILLAGE ROAD H	FROM ROUTE 0277AZ (TRAILER VILLAGE OUTER LOOP A) AT MP 0.43 ON LEFT	TO ROUTE 0277AZ (TRAILER VILLAGE OUTER LOOP A) AT MP 0.63	0.10	0.00	0.10	3	
0279IZ	102247	6	1		TRAILER VILLAGE ROAD I	FROM ROUTE 0277AZ (TRAILER VILLAGE OUTER LOOP A) AT MP 0.44 ON LEFT	TO ROUTE 0277AZ (TRAILER VILLAGE OUTER LOOP A) AT MP 0.62	0.10	0.00	0.10	3	
0279JZ	102247	6	1		TRAILER VILLAGE ROAD J	FROM ROUTE 0277AZ (TRAILER VILLAGE OUTER LOOP A) AT MP 0.45 ON LEFT	TO ROUTE 0277AZ (TRAILER VILLAGE OUTER LOOP A) AT MP 0.61	0.10	0.00	0.10	3	
0279KZ	102247	6	1		TRAILER VILLAGE ROAD K	FROM ROUTE 0277AZ (TRAILER VILLAGE OUTER LOOP A) AT MP 0.46 ON LEFT	TO ROUTE 0277AZ (TRAILER VILLAGE OUTER LOOP A) AT MP 0.61	0.11	0.00	0.11	3	
0279LLZ	102247	6	1		TRAILER VILLAGE ROAD LL	FROM ROUTE 0277AZ (TRAILER VILLAGE OUTER LOOP A) AT MP 0.36 ON RIGHT	TO ROUTE 0277BZ (TRAILER VILLAGE OUTER LOOP B) AT MP 0.27	0.10	0.00	0.10	3	
0279MZ	102247	6	1		TRAILER VILLAGE ROAD M	FROM ROUTE 0277AZ (TRAILER VILLAGE OUTER LOOP A) AT MP 0.38 ON RIGHT	TO ROUTE 0277BZ (TRAILER VILLAGE OUTER LOOP B) AT MP 0.24	0.12	0.00	0.12	3	
0279NZ	102247	6	1		TRAILER VILLAGE ROAD N	FROM ROUTE 0277AZ (TRAILER VILLAGE OUTER LOOP A) AT MP 0.39 ON RIGHT	TO ROUTE 0277BZ (TRAILER VILLAGE OUTER LOOP B) AT MP 0.22	0.13	0.00	0.13	3	

NPS / RIP Subcomponent Details for GRCA

(Numerical By Summary Route and Subcomponent #)



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GRCA Grand Canyon National Park

GRCA-0279ZZ 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					
0279OZ	102247	6	1		TRAILER VILLAGE ROAD O	FROM ROUTE 0277AZ (TRAILER VILLAGE OUTER LOOP A) AT MP 0.40 ON RIGHT	TO ROUTE 0277BZ (TRAILER VILLAGE OUTER LOOP B) AT MP 0.21	0.14	0.00	0.14	3	
0279PZ	102247	6	1		TRAILER VILLAGE ROAD P	FROM ROUTE 0277AZ (TRAILER VILLAGE OUTER LOOP A) AT MP 0.41 ON RIGHT	TO ROUTE 0277BZ (TRAILER VILLAGE OUTER LOOP B) AT MP 0.19	0.14	0.00	0.14	3	
0279RZ	102247	6	1		TRAILER VILLAGE ROAD R	FROM ROUTE 0277AZ (TRAILER VILLAGE OUTER LOOP A) AT MP 0.43 ON RIGHT	TO ROUTE 0277BZ (TRAILER VILLAGE OUTER LOOP B) AT MP 0.16	0.13	0.00	0.13	3	
0279SZ	102247	6	1		TRAILER VILLAGE ROAD S	FROM ROUTE 0277AZ (TRAILER VILLAGE OUTER LOOP A) AT MP 0.44 ON RIGHT	TO ROUTE 0277BZ (TRAILER VILLAGE OUTER LOOP B) AT MP 0.15	0.12	0.00	0.12	3	
0279TZ	102247	6	1		TRAILER VILLAGE ROAD T	FROM ROUTE 0277AZ (TRAILER VILLAGE OUTER LOOP A) AT MP 0.46 ON RIGHT	TO ROUTE 0277BZ (TRAILER VILLAGE OUTER LOOP B) AT MP 0.14	0.12	0.00	0.12	3	

GRCA-0420ZZ 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					
0420AZ	56574	6	1		MATHER STREET A	FROM INTERSECTION OF ROUTE 0417 (HUALAPAI ROAD) AND ROUTE 0421 (POWELL AVENUE A)	TO ROUTE 0420BZ (MATHER STREET B)	0.07	0.00	0.07	5	
0420BZ	56574	6	1		MATHER STREET B	FROM ROUTE 0417 (HUALAPAI ROAD)	TO END OF LOOP	0.10	0.00	0.10	5	

NPS / RIP Subcomponent Details for GRCA

(Numerical By Summary Route and Subcomponent #)



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GRCA Grand Canyon National Park

GRCA-0429ZZ 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					
0429AZ	56587	6	1		PAIUTE CIRCLE A	FROM ROUTE 0601 (ALBRIGHT AVENUE)	TO END OF LOOP	0.26	0.00	0.26	5	
0429BZ	56587	6	1		PAIUTE CIRCLE B	FROM ROUTE 0429AZ (PAIUTE CIRCLE A)	TO END	0.03	0.00	0.03	5	

GRCA-0436ZZ 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					
0436AZ	56598	6	1		BRIGHT ANGEL LOOP ROAD A	FROM ROUTE 0500 (VILLAGE LOOP DRIVE)	TO END OF LOOP	0.20	0.00	0.20	2	
0436CZ	56598	6	1		BRIGHT ANGEL LOOP ROAD C	FROM ROUTE 0436AZ (BRIGHT ANGEL LOOP ROAD A) AT MP 0.04 ON RIGHT	TO ROUTE 0436AZ (BRIGHT ANGEL LOOP ROAD A) AT MO 0.05 ON RIGHT	0.04	0.00	0.04	2	

GRCA-0445ZZ 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					
0445AZ	56610	6	1		NAVAJO RESIDENCE ROAD A	FROM ROUTE 0432 (NAVAJO STREET)	TO END OF PAVEMENT	0.07	0.00	0.07	5	
0445BZ	56610	6	1		NAVAJO RESIDENCE ROAD B	FROM ROUTE 0445AZ (NAVAJO RESIDENCE ROAD A)	TO END OF LOOP	0.04	0.00	0.04	5	

NPS / RIP Subcomponent Details for GRCA

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GRCA Grand Canyon National Park

GRCA-0448ZZ 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					
0448AZ	58274	6	1		EMPLOYEE DINING ROOM / MULE CONCESSIONAIRE ROAD	FROM ROUTE 0404 (AUTO SHOP ROAD)	TO DEAD END AT MULE CONCESSIONAIRE	0.20	0.00	0.20	5	
0448BZ	58274	6	1		CONCESSIONAIRE RESIDENCE ROAD	FROM ROUTE 0448AZ (EMPLOYEE DINING ROOM / MULE CONCESSIONAIRE ROAD) AT MP 0.03 ON RIGHT	TO ROUTE 0448DZ (DORM ACCESS ROAD) TO MP 0.05 ON RIGHT	0.17	0.00	0.17	5	
0448CZ	58274	6	1		RV CONCESSIONAIRE RESIDENCE ROAD	FROM ROUTE 0448BZ (CONCESSIONAIRE RESIDENCE ROAD)	TO ROUTE 0448AZ (EMPLOYEE DINING ROOM / MULE CONCESSIONAIRE ROAD)	0.10	0.00	0.10	5	
0448DZ	58274	6	1		DORM ACCESS ROAD	FROM ROUTE 0448AZ (EMPLOYEE DINING ROOM / MULE CONCESSIONAIRE ROAD) AT MP 0.08 ON LEFT	TO ROUTE 0448AZ (EMPLOYEE DINING ROOM / MULE CONCESSIONAIRE ROAD) AT MP 0.19 ON LEFT	0.17	0.00	0.17	5	

GRCA-0461ZZ 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					
0461AZ	56745	6	1		CEDAR MOUNTAIN ROAD	FROM ROUTE 0171 (DESERT VIEW GAS STATION ACCESS ROAD) AT MP 0.07 ON RIGHT	TO BEGINNING OF ROUTE 0499 (SERVICE ROAD TO DESERT VIEW SEWER PONDS)	0.31	0.00	0.31	5	
0461BZ	56745	6	1		COLTER LANE	FROM ROUTE 0461AZ (CEDAR MOUNTAIN ROAD) AT MP 0.30 ON RIGHT	TO ROUTE 0461AZ (CEDAR MOUNTAIN ROAD) AT MP 0.13	0.32	0.00	0.32	5	
0461CZ	56745	6	1		NANKOWEAP ROAD	FROM ROUTE 0461BZ (COLTER LANE) AT MP 0.17	TO ROUTE 0461BZ (COLTER LANE) AT MP 0.29	0.11	0.00	0.11	5	
0461DZ	56745	6	1		CARDENAS COURT	FROM ROUTE 0461BZ (COLTER LANE) AT MP 0.09	TO DEAD END	0.03	0.00	0.03	5	

NPS / RIP Subcomponent Details for GRCA

(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

GRCA Grand Canyon National Park

GRCA-0904ZZ Subcomponent Breakdown

Route Number	FMSS Number	Cycle Collected	Iteration Collected	Concession	Route Name	Route Description		User Access	Area (SQ FT)
						From	To		
0904AZ	58288	6	1		EL TOVAR/VERKAMPS PARKING A	FROM ROUTE 0500 (VILLAGE LOOP DRIVE)	TO END OF LOOP	PUBLIC	18,179
0904BZ	58288	6	1		EL TOVAR/VERKAMPS PARKING B	FROM ROUTE 0905 (KACHINA LODGE PARKING)	TO PARKING	PUBLIC	9,856
0904CZ	58288	6	1		EL TOVAR/VERKAMPS PARKING C	FROM ROUTE 0904AZ (EL TOVAR/VERKAMPS PARKING A) AND ROUTE 0904DZ (EL TOVAR/VERKAMPS PARKING D)	TO PARKING	PUBLIC	33,529
0904DZ	58288	6	1		EL TOVAR/VERKAMPS PARKING D	FROM ROUTE 0904CZ (EL TOVAR/VERKAMPS PARKING C)	TO PARKING	PUBLIC	2,572

GRCA-0908ZZ Subcomponent Breakdown

Route Number	FMSS Number	Cycle Collected	Iteration Collected	Concession	Route Name	Route Description		User Access	Area (SQ FT)
						From	To		
0908AZ	58293	6	1		MASWICK STANDARD PARKING A	FROM ROUTE 0500 (VILLAGE LOOP DRIVE) AT MP 0.67 ON LEFT	TO ROUTE 0500 (VILLAGE LOOP DRIVE) AT MP 0.76	PUBLIC	7,571
0908BZ	58293	6	1		MASWICK STANDARD PARKING B	FROM ROUTE 0500 (VILLAGE LOOP DRIVE) AT MP 0.70 ON RIGHT	TO ROUTE 0908ZZ (MASWICK STANDARD PARKING AREAS)	PUBLIC	35,903
0908CZ	58293	6	1		MASWICK STANDARD PARKING C	FROM ROUTE 0908BZ (MASWICK STANDARD PARKING B)	TO PARKING	PUBLIC	39,532
0908DZ	58293	6	1		MASWICK STANDARD PARKING D	FROM ROUTE 0908BZ (MASWICK STANDARD PARKING B)	TO PARKING	PUBLIC	25,853
0908EZ	58293	6	1		MASWICK STANDARD PARKING E	FROM ROUTE 0500 (VILLAGE LOOP DRIVE) AT MP 0.76 ON RIGHT	TO ROUTE 0908ZZ (MASWICK STANDARD PARKING AREAS)	PUBLIC	85,535

NPS / RIP Subcomponent Details for GRCA

(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:

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 PKG = Parking Areas
 NC = Not Collected

GRCA Grand Canyon National Park

GRCA-0917ZZ Subcomponent Breakdown

Route Number	FMSS Number	Cycle Collected	Iteration Collected	Concession	Route Name	Route Description		User Access	Area (SQ FT)
						From	To		
0917AZ	58362	6	1		MOHAVE POINT PARKING AREA A	ADJACENT TO ROUTE 0168 (MOHAVE POINT ROAD) AT MP 0.12 ON RIGHT		PUBLIC	5,998
0917BZ	58362	6	1		MOHAVE POINT PARKING AREA B	ADJACENT TO ROUTE 0168 (MOHAVE POINT ROAD) AT MP 0.12 ON LEFT		PUBLIC	1,992

GRCA-0919ZZ Subcomponent Breakdown

Route Number	FMSS Number	Cycle Collected	Iteration Collected	Concession	Route Name	Route Description		User Access	Area (SQ FT)
						From	To		
0919AZ	58372	6	1		PIMA POINT PARKING A	ADJACENT TO ROUTE 0167 (PIMA POINT ROAD)		PUBLIC	3,460
0919BZ	58372	6	1		PIMA POINT PARKING B	ADJACENT TO ROUTE 0167 (PIMA POINT ROAD)		PUBLIC	2,206

GRCA-0924ZZ Subcomponent Breakdown

Route Number	FMSS Number	Cycle Collected	Iteration Collected	Concession	Route Name	Route Description		User Access	Area (SQ FT)
						From	To		
0924AZ	58388	6	1		RANGER OPERATIONS PARKING	FROM ROUTE 0016 (CENTER ROAD) AT MP 1.58 ON LEFT	TO ROUTE 0924BZ (MAGISTRATE EMPLOYEE)	PUBLIC	17,789
0924BZ	58388	6	1		MAGISTRATE EMPLOYEE	FROM ROUTE 0924AZ (RANGER OPERATIONS PARKING)	TO PARKING	PUBLIC	7,416

NPS / RIP Subcomponent Details for GRCA

(Numerical By Summary Route and Subcomponent #)



Shading Color Key

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Grey = Paved Routes, DCV not Driven

Black = Paved Routes, Non-NPS

■ = Concession Route

Yellow = Unpaved Routes, DCV not Driven

Blue = Paved Parking Areas

Green = Unpaved Parking Areas

Red text denotes:

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 PKG = Parking Areas
 NC = Not Collected

GRCA Grand Canyon National Park

GRCA-0934ZZ Subcomponent Breakdown

Route Number	FMSS Number	Cycle Collected	Iteration Collected	Concession	Route Name	Route Description		User Access	Area (SQ FT)
						From	To		
0934AZ	58405	6	1		STABLE PARKING AREA A	FROM ROUTE 0431 (JUNIPER HILL)	TO ROUTE 0435 (SUNSET DRIVE)	PUBLIC	17,490
0934BZ	58405	6	1		STABLE PARKING AREA B	FROM ROUTE 0435 (SUNSET DRIVE) ON LEFT AND ROUTE 0431 (JUNIPER HILL)	TO PARKING	PUBLIC	6,707
0934CZ	58405	6	1		STABLE PARKING AREA C	ADJACENT TO ROUTE 0432 (NAVAJO ROAD)		PUBLIC	1,237

GRCA-0937ZZ Subcomponent Breakdown

Route Number	FMSS Number	Cycle Collected	Iteration Collected	Concession	Route Name	Route Description		User Access	Area (SQ FT)
						From	To		
0937AZ	58411	6	1		CLINIC EMS PARKING A	FROM ROUTE 0288 (CLINIC ACCESS ROAD)	TO ROUTE 0288 (CLINIC ACCESS ROAD)	PUBLIC	5,016
0937BZ	58411	6	1		PRIVATE RESIDENCE AND CLINIC PARKING	FROM ROUTE 0288 (CLINIC ACCESS ROAD)	TO ROUTE 0288 (CLINIC ACCESS ROAD)	PUBLIC	15,179
0937CZ	58411	6	1		AMBULANCE PARKING	FROM ROUTE 0288 (CLINIC ACCESS ROAD)	TO PARKING	PUBLIC	11,633
0937DZ	58411	6	1		CLINIC EMS PARKING D	FROM ROUTE 0288 (CLINIC ACCESS ROAD)	TO ROUTE 0288 (CLINIC ACCESS ROAD)	PUBLIC	12,561
0937EZ	58411	6	1		CLINIC EMS PARKING E	FROM ROUTE 0288 (CLINIC ACCESS ROAD)	TO PARKING	PUBLIC	16,276

NPS / RIP Subcomponent Details for GRCA

(Numerical By Summary Route and Subcomponent #)



Shading Color Key

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Grey = Paved Routes, DCV not Driven

Black = Paved Routes, Non-NPS

■ = Concession Route

Yellow = Unpaved Routes, DCV not Driven

Blue = Paved Parking Areas

Green = Unpaved Parking Areas

Red text denotes:

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 PKG = Parking Areas
 NC = Not Collected

GRCA Grand Canyon National Park

GRCA-0965ZZ Subcomponent Breakdown

Route Number	FMSS Number	Cycle Collected	Iteration Collected	Concession	Route Name	Route Description		User Access	Area (SQ FT)
						From	To		
0965Z	58459	6	1		NORTH RIM VISITOR CENTER PARKING	FROM ROUTE 0014 (NORTH ENTRANCE ROAD (HWY 67)) AT MP 12.61 ON LEFT	TO ROUTE 0014 (NORTH ENTRANCE ROAD (HWY 67))	PUBLIC	106,808
0974Z	58459	6	1		GRAND CANYON LODGE PARKING	FROM END OF ROUTE 0014 (NORTH ENTRANCE ROAD (HWY 67))	TO PARKING	PUBLIC	25,646

GRCA-0975ZZ Subcomponent Breakdown

Route Number	FMSS Number	Cycle Collected	Iteration Collected	Concession	Route Name	Route Description		User Access	Area (SQ FT)
						From	To		
0975AZ	58475	6	1		NORTH RIM RESIDENCE PARKING A	ADJACENT TO ROUTE 0449 (NORTH RIM RESIDENCE LOOP)		PUBLIC	6,220
0975BZ	58475	6	1		NORTH RIM RESIDENCE PARKING B	ADJACENT TO ROUTE 0449 (NORTH RIM RESIDENCE LOOP)		PUBLIC	637
0975CZ	58475	6	1		NORTH RIM RESIDENCE PARKING C	ADJACENT TO ROUTE 0449 (NORTH RIM RESIDENCE LOOP)		PUBLIC	614
0975DZ	58475	6	1		NORTH RIM RESIDENCE PARKING D	ADJACENT TO ROUTE 0449 (NORTH RIM RESIDENCE LOOP)		PUBLIC	449

NPS / RIP Subcomponent Details for GRCA

(Numerical By Summary Route and Subcomponent #)



Shading Color Key

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■ = Concession Route

Yellow = Unpaved Routes, DCV not Driven

Blue = Paved Parking Areas

Green = Unpaved Parking Areas

Red text denotes:

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 PKG = Parking Areas
 NC = Not Collected

GRCA Grand Canyon National Park

GRCA-0979ZZ Subcomponent Breakdown

Route Number	FMSS Number	Cycle Collected	Iteration Collected	Concession	Route Name	Route Description		User Access	Area (SQ FT)
						From	To		
0979AZ	58488	6	1		GENERAL OFFICES TAXI PARKING	FROM ROUTE 0012 (SOUTH ENTRANCE ROAD) AT MP 7.68	TO PARKING	PUBLIC	7,826
0979BZ	58488	6	1		GARAGE PARKING	ADJACENT TO ROUTE 0012 (SOUTH ENTRANCE ROAD) AT MP 7.71		PUBLIC	2,088

GRCA-0980ZZ Subcomponent Breakdown

Route Number	FMSS Number	Cycle Collected	Iteration Collected	Concession	Route Name	Route Description		User Access	Area (SQ FT)
						From	To		
0980AZ	90482	6	1		GRANDVIEW POINT ROAD PARKING A	ADJACENT TO ROUTE 0264 (GRANDVIEW POINT ROAD) AT MP 0.66 ON RIGHT		PUBLIC	4,886
0980BZ	90482	6	1		GRANDVIEW POINT ROAD PARKING B	ADJACENT TO ROUTE 0264 (GRANDVIEW POINT ROAD) AT MP 0.74 ON RIGHT		PUBLIC	5,222
0980CZ	90482	6	1		GRANDVIEW POINT ROAD PARKING C	ADJACENT TO ROUTE 0264 (GRANDVIEW POINT ROAD) AT MP 0.74 ON LEFT		PUBLIC	2,375
0980DZ	90482	6	1		GRANDVIEW POINT ROAD PARKING D	ADJACENT TO ROUTE 0264 (GRANDVIEW POINT ROAD) AT MP 0.65 ON LEFT		PUBLIC	1,300

NPS / RIP Subcomponent Details for GRCA

(Numerical By Summary Route and Subcomponent #)



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Black = Paved Routes, Non-NPS

■ = Concession Route

Yellow = Unpaved Routes, DCV not Driven

Blue = Paved Parking Areas

Green = Unpaved Parking Areas

Red text denotes:

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 PKG = Parking Areas
 NC = Not Collected

GRCA Grand Canyon National Park

GRCA-0983ZZ Subcomponent Breakdown

Route Number	FMSS Number	Cycle Collected	Iteration Collected	Concession	Route Name	Route Description		User Access	Area (SQ FT)
						From	To		
0983AZ	102309	6	1		APACHE WEST PARKING A	ADJACENT TO ROUTE 0414 (APACHE WEST) AT MP 0.12 ON RIGHT		PUBLIC	1,138
0983BZ	102309	6	1		APACHE WEST PARKING B	ADJACENT TO ROUTE 0414 (APACHE WEST) AT MP 0.11 ON LEFT		PUBLIC	3,348
0983CZ	102309	6	1		APACHE WEST PARKING C	ADJACENT TO ROUTE 0414 (APACHE WEST) AT MP 0.11 ON RIGHT		PUBLIC	539
0983DZ	102309	6	1		APACHE WEST PARKING D	ADJACENT TO ROUTE 0414 (APACHE WEST) AT MP 0.08 ON RIGHT		PUBLIC	344
0983EZ	102309	6	1		APACHE WEST PARKING E	ADJACENT TO ROUTE 0414 (APACHE WEST) AT MP 0.07 ON RIGHT		PUBLIC	555
0983FZ	102309	6	1		APACHE WEST PARKING F	ADJACENT TO ROUTE 0414 (APACHE WEST) AT MP 0.07 ON LEFT		PUBLIC	1,300
0983GZ	102309	6	1		APACHE WEST PARKING G	ADJACENT TO ROUTE 0414 (APACHE WEST) AT MP 0.05 ON LEFT		PUBLIC	1,766

NPS / RIP Subcomponent Details for GRCA

(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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 PKG = Parking Areas
 NC = Not Collected

GRCA Grand Canyon National Park

GRCA-0989ZZ Subcomponent Breakdown

Route Number	FMSS Number	Cycle Collected	Iteration Collected	Concession	Route Name	Route Description		User Access	Area (SQ FT)
						From	To		
0989AZ	90500	6	1		PAIUTE APARTMENTS PARKING A	ADJACENT TO ROUTE 0429AZ (PAIUTE CIRCLE A) ON RIGHT		PUBLIC	3,193
0989BZ	90500	6	1		PAIUTE APARTMENTS PARKING B	ADJACENT TO ROUTE 0429AZ (PAIUTE CIRCLE A) ON RIGHT		PUBLIC	4,502
0989CZ	90500	6	1		PAIUTE APARTMENTS PARKING C	ADJACENT TO ROUTE 0429AZ (PAIUTE CIRCLE A) ON RIGHT		PUBLIC	5,892
0989DZ	90500	6	1		PAIUTE APARTMENTS PARKING D	ADJACENT TO ROUTE 0429AZ (PAIUTE CIRCLE A) ON LEFT		PUBLIC	2,998
0989EZ	90500	6	1		PAIUTE APARTMENTS PARKING E	ADJACENT TO ROUTE 0429AZ (PAIUTE CIRCLE A) ON RIGHT		PUBLIC	1,629
0989FZ	90500	6	1		PAIUTE APARTMENTS PARKING F	ADJACENT TO ROUTE 0429AZ (PAIUTE CIRCLE A) ON LEFT		PUBLIC	2,879
0989GZ	90500	6	1		PAIUTE APARTMENTS PARKING G	ADJACENT TO ROUTE 0429AZ (PAIUTE CIRCLE A) ON RIGHT		PUBLIC	1,941
0989HZ	90500	6	1		PAIUTE APARTMENTS PARKING H	ADJACENT TO ROUTE 0429AZ (PAIUTE CIRCLE A) ON LEFT		PUBLIC	2,762

GRCA-0990ZZ Subcomponent Breakdown

Route Number	FMSS Number	Cycle Collected	Iteration Collected	Concession	Route Name	Route Description		User Access	Area (SQ FT)
						From	To		
0990AZ	90501	6	1		TUSAYAN MUSEUM AND RUIN PARKING A	ADJACENT TO ROUTE 0266 (TUSAYAN RUIN ROAD) ON RIGHT		PUBLIC	4,891
0990BZ	90501	6	1		TUSAYAN MUSEUM AND RUIN PARKING B	ADJACENT TO ROUTE 0266 (TUSAYAN RUIN ROAD) ON LEFT		PUBLIC	2,134

NPS / RIP Subcomponent Details for GRCA

(Numerical By Summary Route and Subcomponent #)



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Grey = Paved Routes, DCV not Driven

Black = Paved Routes, Non-NPS

■ = Concession Route

Yellow = Unpaved Routes, DCV not Driven

Blue = Paved Parking Areas

Green = Unpaved Parking Areas

Red text denotes:

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

GRCA Grand Canyon National Park

GRCA-0991ZZ Subcomponent Breakdown

Route Number	FMSS Number	Cycle Collected	Iteration Collected	Concession	Route Name	Route Description		User Access	Area (SQ FT)
						From	To		
0991AZ	90503	6	1		MORAN POINT PARKING A	ADJACENT TO ROUTE 0265 (MORAN POINT ROAD) ON RIGHT		PUBLIC	5,558
0991BZ	90503	6	1		MORAN POINT PARKING B	ADJACENT TO ROUTE 0265 (MORAN POINT ROAD) ON LEFT		PUBLIC	3,152

GRCA-1001ZZ Subcomponent Breakdown

Route Number	FMSS Number	Cycle Collected	Iteration Collected	Concession	Route Name	Route Description		User Access	Area (SQ FT)
						From	To		
1001AZ	90385	6	1		RANDY THOMPSON CIRCLE PARKING A	ADJACENT TO ROUTE 0440 (RANDY THOMPSON CIRCLE) AT MP 0.33		PUBLIC	1,342
1001BZ	90385	6	1		RANDY THOMPSON CIRCLE PARKING B	ADJACENT TO ROUTE 0440 (RANDY THOMPSON CIRCLE) AT MP 0.36		PUBLIC	1,327
1001CZ	90385	6	1		RANDY THOMPSON CIRCLE PARKING C	ADJACENT TO ROUTE 0440 (RANDY THOMPSON CIRCLE) AT MP 0.40		PUBLIC	1,219

GRCA-1003ZZ Subcomponent Breakdown

Route Number	FMSS Number	Cycle Collected	Iteration Collected	Concession	Route Name	Route Description		User Access	Area (SQ FT)
						From	To		
1003AZ	90511	6	1		HERMIT CIRCLE PARKING A	ADJACENT TO ROUTE 0434 (HERMIT CIRCLE)		PUBLIC	3,850
1003BZ	90511	6	1		HERMIT CIRCLE PARKING B	ADJACENT TO ROUTE 0434 (HERMIT CIRCLE)		PUBLIC	2,446

NPS / RIP Subcomponent Details for GRCA

(Numerical By Summary Route and Subcomponent #)



Shading Color Key

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Grey = Paved Routes, DCV not Driven

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■ = Concession Route

Yellow = Unpaved Routes, DCV not Driven

Blue = Paved Parking Areas

Green = Unpaved Parking Areas

Red text denotes:

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

GRCA Grand Canyon National Park

GRCA-1007ZZ Subcomponent Breakdown

Route Number	FMSS Number	Cycle Collected	Iteration Collected	Concession	Route Name	Route Description		User Access	Area (SQ FT)
						From	To		
1007AZ	90389	6	1		MOHAVE COURT PARKING A	ADJACENT TO ROUTE 0423 (MOHAVE COURT) AT MP 0.02 ON RIGHT		PUBLIC	1,923
1007BZ	90389	6	1		MOHAVE COURT PARKING B	ADJACENT TO ROUTE 0423 (MOHAVE COURT) AT MP 0.02 ON LEFT		PUBLIC	2,714
1007CZ	90389	6	1		MOHAVE COURT PARKING C	ADJACENT TO ROUTE 0423 (MOHAVE COURT) AT MP 0.04 ON RIGHT		PUBLIC	1,744
1007DZ	90389	6	1		MOHAVE COURT PARKING D	ADJACENT TO ROUTE 0423 (MOHAVE COURT) AT MP 0.10 ON LEFT		PUBLIC	1,834
1007EZ	90389	6	1		MOHAVE COURT PARKING E	ADJACENT TO ROUTE 0423 (MOHAVE COURT) AT MP 0.11 ON RIGHT		PUBLIC	1,735
1007FZ	90389	6	1		MOHAVE COURT PARKING F	ADJACENT TO ROUTE 0423 (MOHAVE COURT) AT MP 0.15 ON RIGHT		PUBLIC	2,793
1007GZ	90389	6	1		MOHAVE COURT PARKING G	ADJACENT TO ROUTE 0423 (MOHAVE COURT) AT MP 0.13 ON LEFT		PUBLIC	2,457

GRCA-1008ZZ Subcomponent Breakdown

Route Number	FMSS Number	Cycle Collected	Iteration Collected	Concession	Route Name	Route Description		User Access	Area (SQ FT)
						From	To		
1008AZ	90396	6	1		KOLB ROAD PARKING A	ADJACENT TO ROUTE 0419 (KOLB STREET)		PUBLIC	1,676
1008BZ	90396	6	1		KOLB ROAD PARKING B	ADJACENT TO ROUTE 0419 (KOLB STREET)		PUBLIC	895

NPS / RIP Subcomponent Details for GRCA

(Numerical By Summary Route and Subcomponent #)



Shading Color Key

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Grey = Paved Routes, DCV not Driven

Black = Paved Routes, Non-NPS

■ = Concession Route

Yellow = Unpaved Routes, DCV not Driven

Blue = Paved Parking Areas

Green = Unpaved Parking Areas

Red text denotes:

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

GRCA Grand Canyon National Park

GRCA-1010ZZ Subcomponent Breakdown

Route Number	FMSS Number	Cycle Collected	Iteration Collected	Concession	Route Name	Route Description		User Access	Area (SQ FT)
						From	To		
1010AZ	90517	6	1		MUAV COURT PARKING A	ADJACENT TO ROUTE 0416 (MUAV COURT) AT MP 0.05 ON RIGHT		PUBLIC	2,291
1010BZ	90517	6	1		MUAV COURT PARKING B	ADJACENT TO ROUTE 0416 (MUAV COURT) AT MP 0.05 ON LEFT		PUBLIC	2,187
1010CZ	90517	6	1		MUAV COURT PARKING C	ADJACENT TO ROUTE 0416 (MUAV COURT) AT MP 0.07 ON RIGHT		PUBLIC	2,682
1010DZ	90517	6	1		MUAV COURT PARKING D	ADJACENT TO ROUTE 0416 (MUAV COURT) AT MP 0.08 ON LEFT		PUBLIC	2,550
1010EZ	90517	6	1		MUAV COURT PARKING E	ADJACENT TO ROUTE 0416 (MUAV COURT) AT MP 0.10 ON LEFT		PUBLIC	1,995
1010FZ	90517	6	1		MUAV COURT PARKING F	ADJACENT TO ROUTE 0416 (MUAV COURT) AT MP 0.13 ON LEFT		PUBLIC	3,186
1010GZ	90517	6	1		MUAV COURT PARKING G	ADJACENT TO ROUTE 0416 (MUAV COURT) AT MP 0.13 ON RIGHT		PUBLIC	3,176

NPS / RIP Subcomponent Details for GRCA

(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

GRCA Grand Canyon National Park

GRCA-1014ZZ Subcomponent Breakdown

Route Number	FMSS Number	Cycle Collected	Iteration Collected	Concession	Route Name	Route Description		User Access	Area (SQ FT)
						From	To		
1014AZ	90529	6	1	■	CONCESSION DORM PARKING	ADJACENT TO ROUTE 0448BZ (CONCESSIONAIRE RESIDENCE ROAD)		PUBLIC	7,446
1014BZ	90529	6	1	■	CONCESSIONAIRE CAFETERIA PARKING	ADJACENT TO ROUTE 0448AZ (EMPLOYEE DINING ROOM / MULE CONCESSIONAIRE ROAD)		PUBLIC	1,192
1014CZ	90529	6	1	■	CAFETERIA EMPLOYEE PARKING	FROM ROUTE 0448AZ (EMPLOYEE DINING ROOM / MULE CONCESSIONAIRE ROAD)	TO PARKING	PUBLIC	4,334
1014DZ	90529	6	1	■	CONCESSIONAIRE DORM PARKING #1	ADJACENT TO ROUTE 0448AZ (EMPLOYEE DINING ROOM / MULE CONCESSIONAIRE ROAD)		PUBLIC	3,787
1014EZ	90529	6	1	■	CONCESSIONAIRE DORM PARKING #2	ADJACENT TO ROUTE 0448AZ (EMPLOYEE DINING ROOM / MULE CONCESSIONAIRE ROAD)		PUBLIC	4,122
1014FZ	90529	6	1	■	CONCESSIONAIRE DORM PARKING #3	ADJACENT TO ROUTE 0448BZ (CONCESSIONAIRE RESIDENCE ROAD)		PUBLIC	2,836
1014GZ	90529	6	1	■	REAR EMPLOYEE DORM HOUSING	FROM ROUTE 0448DZ (DORM ACCESS ROAD) AT MP 0.02 ON LEFT	TO PARKING	PUBLIC	10,993
1014HZ	90529	6	1	■	FRONT EMPLOYEE DORM PARKING	FROM ROUTE 0448DZ (DORM ACCESS ROAD) AT MP 0.04 ON LEFT	TO PARKING	PUBLIC	7,670

GRCA-1025ZZ Subcomponent Breakdown

Route Number	FMSS Number	Cycle Collected	Iteration Collected	Concession	Route Name	Route Description		User Access	Area (SQ FT)
						From	To		
1025AZ	102350	6	1		DESERT VIEW BUS PARKING A	FROM ROUTE 0172 (DESERT VIEW ACCESS ROAD)	TO PARKING	PUBLIC	69,413
1025BZ	102350	6	1		DESERT VIEW BUS PARKING B	ADJACENT TO ROUTE 1025AZ (DESERT VIEW BUS PARKING A)		PUBLIC	12,521

NPS / RIP Subcomponent Details for GRCA

(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

GRCA Grand Canyon National Park

GRCA-1027ZZ Subcomponent Breakdown

Route Number	FMSS Number	Cycle Collected	Iteration Collected	Concession	Route Name	Route Description		User Access	Area (SQ FT)
						From	To		
1027AZ	104064	6	1		FOUR PLEX PARKING A	ADJACENT TO ROUTE 0461BZ (COLTER LANE)		PUBLIC	906
1027BZ	104064	6	1		FOUR PLEX PARKING B	ADJACENT TO ROUTE 0461BZ (COLTER LANE)		PUBLIC	1,943

GRCA-1044ZZ Subcomponent Breakdown

Route Number	FMSS Number	Cycle Collected	Iteration Collected	Concession	Route Name	Route Description		User Access	Area (SQ FT)
						From	To		
1044AZ	102298	6	1		MAGISTRATE PARKING A	ADJACENT TO ROUTE 0016 (CENTER ROAD)		PUBLIC	1,241
1044BZ	102298	6	1		MAGISTRATE PARKING B	ADJACENT TO ROUTE 0016 (CENTER ROAD)		PUBLIC	2,014

NPS / RIP Subcomponent Details for GRCA

(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

GRCA Grand Canyon National Park

GRCA-1054ZZ Subcomponent Breakdown

Route Number	FMSS Number	Cycle Collected	Iteration Collected	Concession	Route Name	Route Description		User Access	Area (SQ FT)
						From	To		
1054AZ	97059	6	1		VISITOR CENTER PARKING #1	FROM ROUTE 0012 (SOUTH ENTRANCE ROAD)	TO ROUTE 0012 (SOUTH ENTRANCE ROAD)	PUBLIC	130,902
1054BZ	97059	6	1		VISITOR CENTER PARKING #2	FROM ROUTE 1054AZ (VISITOR CENTER PARKING #1)	TO ROUTE 1054AZ (VISITOR CENTER PARKING #1)	PUBLIC	80,367
1054CZ	97059	6	1		VISITOR CENTER PARKING #3	FROM ROUTE 1054AZ (VISITOR CENTER PARKING #1)	TO PARKING	PUBLIC	74,660
1054DZ	97059	6	1		VISITOR CENTER PARKING #4	FROM ROUTE 0012 (SOUTH ENTRANCE ROAD)	TO ROUTE 0993 (BOOK STORE EMPLOYEE PARKING)	PUBLIC	101,427
1054EZ	97059	6	1		VISITOR CENTER COMERCIAL BUS PARKING	FROM ROUTE 0012 (SOUTH ENTRANCE ROAD)	TO PARKING	PUBLIC	148,812

NPS / RIP Subcomponent Details for GRCA

(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

GRCA Grand Canyon National Park

GRCA-1061ZZ Subcomponent Breakdown

Route Number	FMSS Number	Cycle Collected	Iteration Collected	Concession	Route Name	Route Description		User Access	Area (SQ FT)
						From	To		
1061AZ	108294	6	1		BRIGHT ANGEL TRAIL HEAD PARKING A	ADJACENT TO ROUTE 0436AZ (BRIGHT ANGEL LOOP ROAD A) ON LEFT		PUBLIC	472
1061BZ	108294	6	1		BRIGHT ANGEL TRAIL HEAD PARKING B	ADJACENT TO ROUTE 0436AZ (BRIGHT ANGEL LOOP ROAD A) ON LEFT		PUBLIC	1,843
1061CZ	108294	6	1		BRIGHT ANGEL TRAIL HEAD PARKING C	ADJACENT TO ROUTE 0436AZ (BRIGHT ANGEL LOOP ROAD A) ON RIGHT		PUBLIC	2,082
1061DZ	108294	6	1		BRIGHT ANGEL TRAIL HEAD PARKING D	ADJACENT TO ROUTE 0436AZ (BRIGHT ANGEL LOOP ROAD A) ON LEFT		PUBLIC	376
1061EZ	108294	6	1		BRIGHT ANGEL TRAIL HEAD PARKING E	ADJACENT TO ROUTE 0436AZ (BRIGHT ANGEL LOOP ROAD A) ON LEFT		PUBLIC	617
1061FZ	108294	6	1		BRIGHT ANGEL TRAIL HEAD PARKING F	ADJACENT TO ROUTE 0436AZ (BRIGHT ANGEL LOOP ROAD A) ON RIGHT		PUBLIC	1,146
1061GZ	108294	6	1		BRIGHT ANGEL TRAIL HEAD PARKING G	ADJACENT TO ROUTE 0436AZ (BRIGHT ANGEL LOOP ROAD A) ON LEFT		PUBLIC	2,775
1061HZ	108294	6	1		BRIGHT ANGEL TRAIL HEAD PARKING H	ADJACENT TO ROUTE 0436AZ (BRIGHT ANGEL LOOP ROAD A) ON RIGHT		PUBLIC	3,356
1061IZ	108294	6	1		BRIGHT ANGEL TRAIL HEAD PARKING I	ADJACENT TO ROUTE 0436AZ (BRIGHT ANGEL LOOP ROAD A) ON RIGHT		PUBLIC	409
1061JZ	108294	6	1		BRIGHT ANGEL TRAIL HEAD PARKING J	ADJACENT TO ROUTE 0436AZ (BRIGHT ANGEL LOOP ROAD A) ON LEFT		PUBLIC	1,386
1061KZ	108294	6	1		BRIGHT ANGEL TRAIL HEAD PARKING K	ADJACENT TO ROUTE 0436AZ (BRIGHT ANGEL LOOP ROAD A) ON RIGHT		PUBLIC	430
1061LZ	108294	6	1		BRIGHT ANGEL TRAIL HEAD PARKING L	ADJACENT TO ROUTE 0436AZ (BRIGHT ANGEL LOOP ROAD A) ON RIGHT		PUBLIC	413
1061MZ	108294	6	1		BRIGHT ANGEL TRAIL HEAD PARKING M	ADJACENT TO ROUTE 0436AZ (BRIGHT ANGEL LOOP ROAD A) ON LEFT		PUBLIC	369
1061NZ	108294	6	1		BRIGHT ANGEL TRAIL HEAD PARKING N	ADJACENT TO ROUTE 0436AZ (BRIGHT ANGEL LOOP ROAD A) ON LEFT		PUBLIC	529

Route Identification Changes to Paved Routes from Previous Cycle Grand Canyon National Park

ROUTES REMOVED FROM PREVIOUS INVENTORY:

Route No.	Route Name	Type of Change	Comments
0200	WIDFORSS TRAILHEAD ROAD	OTHER	REMOVED BECAUSE IT IS THE SAME ROUTE AS GRCA-0293.

ROUTES ADDED FROM PREVIOUS INVENTORY:

Route No.	Route Name	Type of Change	Comments
0917ZZ	MOHAVE POINT PARKING AREAS	OTHER	CYCLE 5 ROUTE 0917 CHANGED TO 0917AZ AND COMBINED WITH A NEW SECTION 0917BZ. IMPROVED GPS AND SQUARE FOOTAGE WERE COLLECTED IN CYCLE 6.
0919ZZ	PIMA POINT PARKING AREAS	OTHER	PAVED PARKING AREA ADDED IN CYCLE 6.
1067	TUSAYAN PARK AND RIDE PARKING	OTHER	PAVED PARKING AREA ADDED IN CYCLE 6.

ROUTES MODIFIED FROM PREVIOUS INVENTORY:

Route No.	Route Name	Type of Change	Comments
0171	DESERT VIEW GAS STATION ACCESS ROAD	FUNCTIONAL CLASS CHANGE	FUNCTIONAL CLASS CHANGED FROM 3 TO 2 DURING CYCLE 6.
0271	MATHER CAMPGROUND ACCESS ROAD	FUNCTIONAL CLASS CHANGE	FUNCTIONAL CLASS CHANGED FROM 3 TO 2 DURING CYCLE 6.
0287	MASWICK LAUNDRY ROAD	ROUTE NAME	ROUTE NAME CHANGED FROM "ACCESS ROAD" TO "MASWICK LAUNDRY ROAD" IN CYCLE 6.
0288	CLINIC ACCESS ROAD	FUNCTIONAL CLASS CHANGE	FUNCTIONAL CLASS CHANGED FROM 3 TO 2 IN CYCLE 6.
0427	KENNELS ROAD	FUNCTIONAL CLASS CHANGE	FUNCTIONAL CLASS CHANGED FROM 5 TO 3 IN CYCLE 6.
0436ZZ	BRIGHT ANGEL LOOP ROADS	FUNCTIONAL CLASS CHANGE	FUNCTIONAL CLASS CHANGED FROM 5 TO 2 DURING CYCLE 6.
0446	YAVAPAI LODGE ROAD	OTHER	ROUTE NAME CHANGED FROM "WEST SHUTTLE ACCESS ROAD" TO "YAVAPAI LODGE ROAD". FUNCTIONAL CLASS ALSO CHANGED FROM 5 TO 2 IN CYCLE 6.
0464	TANK C PUMPHOUSE ROAD	FUNCTIONAL CLASS CHANGE	FUNCTIONAL CLASS CHANGED FROM 4 TO 6 AND USER LEVEL CHANGED TO NONPUBLIC IN CYCLE 6.

Route Identification Changes to Paved Routes from Previous Cycle Grand Canyon National Park

ROUTES MODIFIED FROM PREVIOUS INVENTORY:			
Route No.	Route Name	Type of Change	Comments
0500	VILLAGE LOOP DRIVE	FUNCTIONAL CLASS CHANGE	FUNCTIONAL CLASS CHANGED FROM 3 TO 2 IN CYCLE 6.
0502	SOUTH ENTRANCE BYPASS LANE	FUNCTIONAL CLASS CHANGE	FUNCTIONAL CLASS CHANGED FROM 5 TO 6 AND USER LEVEL CHANGED TO NONPUBLIC IN CYCLE 6.
0904ZZ	EL TOVAR/VERKAMPS PARKING AREAS	SQ FEET CHANGE	IMPROVED GPS AND SQUARE FOOTAGE WERE COLLECTED IN CYCLE 6.
0905	KACHINA LODGE PARKING	SQ FEET CHANGE	IMPROVED GPS AND SQUARE FOOTAGE WERE COLLECTED IN CYCLE 6.
0909	SERVICE PARKING AREA	SQ FEET CHANGE	IMPROVED GPS AND SQUARE FOOTAGE WERE COLLECTED IN CYCLE 6.
0911	TRAILVIEW PARKING SEC 2	SQ FEET CHANGE	IMPROVED GPS AND SQUARE FOOTAGE WERE COLLECTED IN CYCLE 6.
0914	POWELL MEMORIAL PARKING	SQ FEET CHANGE	IMPROVED GPS AND SQUARE FOOTAGE WERE COLLECTED IN CYCLE 6.
0916	HOPI POINT II PARKING	SQ FEET CHANGE	IMPROVED GPS AND SQUARE FOOTAGE WERE COLLECTED IN CYCLE 6.
0920	HERMIT'S REST PARKING	SQ FEET CHANGE	IMPROVED GPS AND SQUARE FOOTAGE WERE COLLECTED IN CYCLE 6.
0925	GENERAL OFFICES PARKING	SQ FEET CHANGE	IMPROVED GPS AND SQUARE FOOTAGE WERE COLLECTED IN CYCLE 6.
0926	SCHOOL PARKING WEST	ROUTE NAME	ROUTE NAME CHANGED FROM "CHAPEL PARKING" TO "SCHOOL PARKING WEST" IN CYCLE 6.
0930	CONCESSIONS OPERATION COMPLEX PARKING	SQ FEET CHANGE	IMPROVED GPS AND SQUARE FOOTAGE WERE COLLECTED IN CYCLE 6.
0931	SHUTTLE BUS PARKING	OTHER	USER ACCESS CHANGED FROM PUBLIC TO NONPUBLIC. IMPROVED GPS AND SQUARE FOOTAGE WERE COLLECTED IN CYCLE 6.
0932	FIRE STATION PARKING	OTHER	USER ACCESS CHANGED FROM PUBLIC TO NONPUBLIC IN CYCLE 6. MINOR UPDATES TO GPS AND SQ FT.
0933	GRAND CANYON ASSOCIATION PARKING	SQ FEET CHANGE	IMPROVED GPS AND SQUARE FOOTAGE WERE COLLECTED IN CYCLE 6.
0934ZZ	STABLE PARKING AREAS	SQ FEET CHANGE	IMPROVED GPS AND SQUARE FOOTAGE WERE COLLECTED IN CYCLE 6.

Route Identification Changes to Paved Routes from Previous Cycle Grand Canyon National Park

ROUTES MODIFIED FROM PREVIOUS INVENTORY:			
Route No.	Route Name	Type of Change	Comments
0935	SCHOOL PARKING EAST	OTHER	ROUTE NAME CHANGED FROM "FRED HARVEY SERVICE STATION PARKING" TO "SCHOOL PARKING EAST". IMPROVED GPS AND SQUARE FOOTAGE WERE COLLECTED IN CYCLE 6.
0938	CONCESSIONS LAUNDRY PARKING	OTHER	ROUTE NAME CHANGED FROM "XANTERRA CONCESSIONS LAUNDRY PARKING" IN CYCLE 6. MINOR UPDATES TO GPS AND SQ FT.
0940	BUSINESS CENTER PARKING	SQ FEET CHANGE	IMPROVED GPS AND SQUARE FOOTAGE WERE COLLECTED IN CYCLE 6.
0944	YAVAPAI WEST II PARKING	SQ FEET CHANGE	IMPROVED GPS AND SQUARE FOOTAGE WERE COLLECTED IN CYCLE 6.
0945	SECTION 1 PULLOUT PARKING	OTHER	ROUTE NAME CHANGED FROM "PARKING AT MP 0.14" TO "SECTION 1 PULLOUT PARKING". IMPROVED GPS AND SQUARE FOOTAGE WERE COLLECTED IN CYCLE 6.
0946	PIPE CREEK PARKING 1	SQ FEET CHANGE	IMPROVED GPS AND SQUARE FOOTAGE WERE COLLECTED IN CYCLE 6.
0949	KAIBAB TRAIL SERVICE ROAD PARKING	SQ FEET CHANGE	IMPROVED GPS AND SQUARE FOOTAGE WERE COLLECTED IN CYCLE 6.
0954	BUGGELN PICNIC AREA	SQ FEET CHANGE	IMPROVED GPS AND SQUARE FOOTAGE WERE COLLECTED IN CYCLE 6.
0955	NO-NAME POINT PARKING	SQ FEET CHANGE	IMPROVED GPS AND SQUARE FOOTAGE WERE COLLECTED IN CYCLE 6.
0963	KAIBAB TRAILHEAD PARKING	SQ FEET CHANGE	IMPROVED GPS AND SQUARE FOOTAGE WERE COLLECTED IN CYCLE 6.
0965ZZ	GRAND CANYON LODGE PARKING AREAS	SQ FEET CHANGE	IMPROVED GPS AND SQUARE FOOTAGE WERE COLLECTED IN CYCLE 6.
0967	POINT IMPERIAL PARKING	SQ FEET CHANGE	IMPROVED GPS AND SQUARE FOOTAGE WERE COLLECTED IN CYCLE 6.
0973	NORTH RIM CAMPGROUND GENERAL STORE PARKING	SQ FEET CHANGE	IMPROVED GPS AND SQUARE FOOTAGE WERE COLLECTED IN CYCLE 6.
0975ZZ	NORTH RIM RESIDENCE PARKING AREAS	SQ FEET CHANGE	IMPROVED GPS AND SQUARE FOOTAGE WERE COLLECTED IN CYCLE 6.
0976	NORTH RIM ADMINISTRATIVE BUILDING PARKING	SQ FEET CHANGE	IMPROVED GPS AND SQUARE FOOTAGE WERE COLLECTED IN CYCLE 6.

Route Identification Changes to Paved Routes from Previous Cycle Grand Canyon National Park

ROUTES MODIFIED FROM PREVIOUS INVENTORY:			
Route No.	Route Name	Type of Change	Comments
0979ZZ	GENERAL OFFICES TAXI AND CONCESSIONS GARAGE PARKING AREAS	SQ FEET CHANGE	IMPROVED GPS AND SQUARE FOOTAGE WERE COLLECTED IN CYCLE 6.
0980ZZ	GRANDVIEW POINT ROAD PARKING AREAS	SQ FEET CHANGE	PAVED PARKING AREA (0980DZ) ADDED IN CYCLE 6. MINOR UPDATES TO GPS AND SQ FT.
1005	CONCESSION APARTMENT PARKING	OTHER	ROUTE NAME CHANGED FROM "DELAWARE NORTH APARTMENT PARKING". IMPROVED GPS AND SQUARE FOOTAGE WERE COLLECTED IN CYCLE 6.
1006	GRAND CANYON CONCESSION PARKING	OTHER	ROUTE NAME CHANGED FROM "GRAND CANYON DELAWARE NORTH PARKING" IN CYCLE 6. MINOR UPDATES TO GPS AND SQ. FT.
1013	BUNKHOUSE PARKING	SQ FEET CHANGE	IMPROVED GPS AND SQUARE FOOTAGE WERE COLLECTED IN CYCLE 6.
1014ZZ	CONCESSIONAIRE DORM PARKING AREAS	SQ FEET CHANGE	IMPROVED GPS AND SQUARE FOOTAGE WERE COLLECTED IN CYCLE 6.
1017	RESIDENCE PARKING AREA	SQ FEET CHANGE	IMPROVED GPS AND SQUARE FOOTAGE WERE COLLECTED IN CYCLE 6.
1037	2ND EAST OF PIMA POINT PARKING	SQ FEET CHANGE	IMPROVED GPS AND SQUARE FOOTAGE WERE COLLECTED IN CYCLE 6.
1051	DESERT VIEW PARKING	ROUTE NAME	ROUTE NAME CHANGED FROM "XANTERRA DESERT VIEW PARKING" IN CYCLE 6.
1061ZZ	BRIGHT ANGEL TRAIL HEAD PARKING AREAS	SURFACE TYPE CHANGE	CYCLE 5 ROUTE 1061 SURFACE TYPE CHANGED FROM GRAVEL TO ASPHALT IN CYCLE 6.
1066	SCIENCE AND RESOURCE MANAGEMENT CENTER PARKING	ROUTE NAME	NAME CHANGED FROM "TRANSIT STAGING PARKING" TO "SCIENCE AND RESOURCE MANAGEMENT CENTER PARKING".

Section 3 Park Summary Information



Grand Canyon National Park



**Federal Lands Highway
Road Inventory Program**

Parkwide Paved Route Condition Summary

Grand Canyon 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	0.28	9.58	24.51	43.54	77.91
2	1.26	2.83	1.99	2.26	8.34
3	4.59	1.22	1.49	2.15	9.45
4					
5	2.74	3.18	2.77	2.05	10.74
6	0.06	0.26	0.36	0.47	1.15
7					
8					
Total Mileage by PCR	8.93	17.07	31.12	50.47	107.59
PAVED PARKING					
Access Level	Area (sq. ft.)	Area (sq. ft.)	Area (sq. ft.)	Area (sq. ft.)	Total Area
PUBLIC	756,705	392,989	2,114,334	176,251	3,440,279
NONPUBLIC	56,296		44,196	6,831	107,323
Total Area by PCR	813,001	392,989	2,158,530	183,082	3,547,602

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

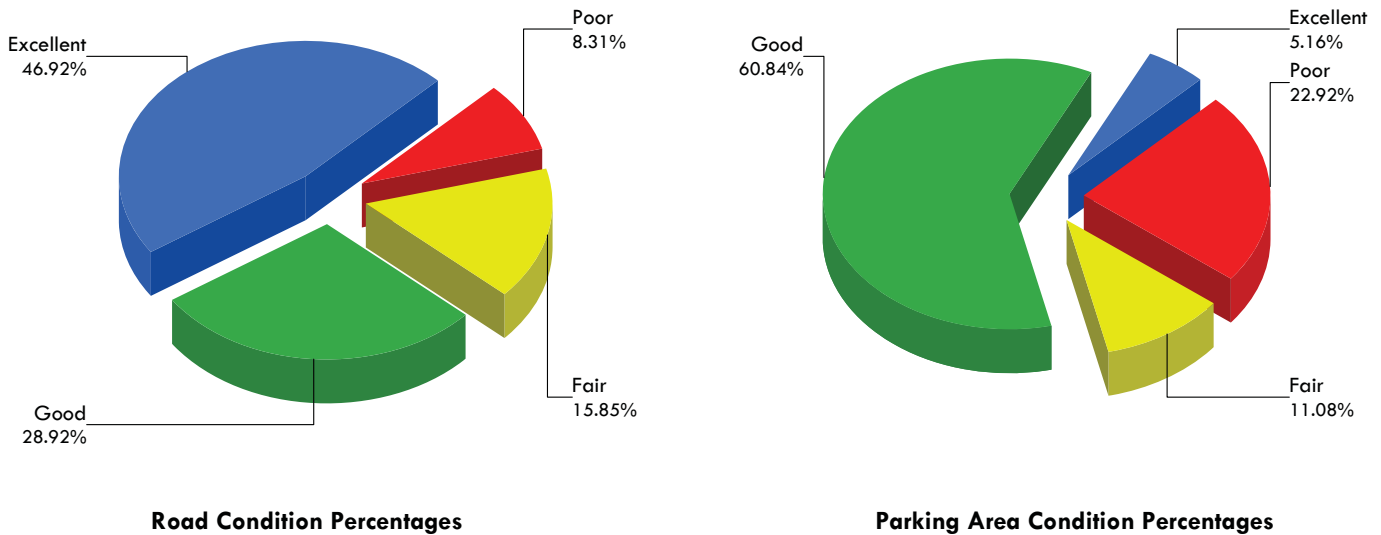
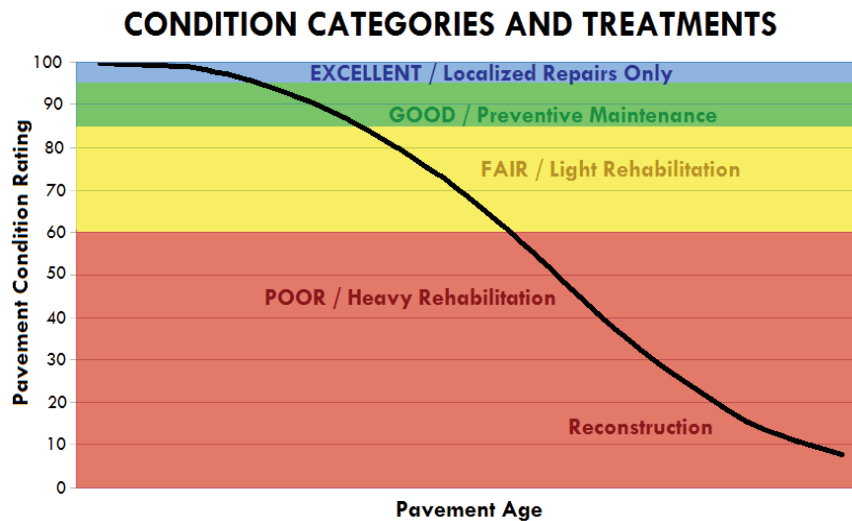


Figure 1: Pavement Condition Rating Breakdown for Paved Roads and Parking Areas

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

Grand Canyon 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
GRCA-0010	56125	POINT IMPERIAL ROAD	1	AS	2.65	89	77	97	100	100	100	100	100	97
GRCA-0011	51500	DESERT VIEW DRIVE	1	AS	24.85	98	100	96	98	100	98	97	100	96
GRCA-0012	56511	SOUTH ENTRANCE ROAD	1	AS	7.80	95	100	92	98	100	98	98	100	92
GRCA-0013	56512	CAPE ROYAL ROAD	1	AS	19.83	90	79	98	99	100	99	100	100	98
GRCA-0014	56513	NORTH ENTRANCE ROAD (HWY 67)	1	AS	12.84	94	99	91	98	100	98	98	100	91
GRCA-0015	56514	HERMIT REST ROAD	1	AS	7.04	99	100	99	100	100	100	100	100	99
GRCA-0016	56515	CENTER ROAD	1	AS	1.61	95	96	95	99	100	99	96	100	95
GRCA-0017	90373	MARKET PLAZA ROAD	1	AS	1.04	98	100	97	97	100	97	98	100	98
GRCA-0160	56522	ROWE WELL ROAD	1	AS	0.56	76	50	94	99	100	99	99	99	94
GRCA-0167	90433	PIMA POINT ROAD	2	AS	0.47	96	NR	96	100	100	100	99	100	96
GRCA-0168	90434	MOHAVE POINT ROAD	2	AS	0.22	92	NR	92	94	95	99	92	100	98
GRCA-0169	90435	POWELL MEMORIAL ROAD	2	AS	0.19	97	NR	97	100	100	100	99	100	97
GRCA-0170	90374	ZUNI WAY	2	AS	0.15	92	NR	92	97	99	98	98	100	92
GRCA-0171	104056	DESERT VIEW GAS STATION ACCESS ROAD	2	AS	0.35	99	NR	99	100	100	100	100	100	99
GRCA-0172	103961	DESERT VIEW ACCESS ROAD	3	AS	0.21	96	NR	96	100	100	100	100	100	96
GRCA-0201	56530	NORTH RIM CAMPGROUND ROAD	3	AS	0.26	72	NR	72	72	100	72	91	98	94
GRCA-0262	56536	YAKI POINT ROAD	2	AS	1.10	68	39	88	96	100	96	95	88	91
GRCA-0263	56537	KAIBAB TRAIL ACCESS ROAD	2	AS	0.20	80	NR	80	93	100	93	98	80	89
GRCA-0264	59028	GRANDVIEW POINT ROAD	2	AS	0.77	79	70	85	97	100	97	85	100	97



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

Grand Canyon 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
GRCA-0265	56538	MORAN POINT ROAD	2	AS	0.25	94	NR	94	99	100	99	94	100	99
GRCA-0266	56545	TUSAYAN RUIN ROAD	2	AS	0.27	97	NR	97	100	100	100	100	100	97
GRCA-0267	56546	LIPAN POINT ROAD	2	AS	0.44	98	NR	98	100	100	100	100	100	98
GRCA-0270	56724	DESERT VIEW CAMPGROUND	3	AS	0.64	91	NR	91	94	100	94	94	100	91
GRCA-0271	56547	MATHER CAMPGROUND ACCESS ROAD	2	AS	0.37	2	NR	2	2	75	27	24	100	97
GRCA-0272AAZ	56549	MATHER CAMPGROUND ASPEN LOOP CUT THRU	3	AS	0.04	67	NR	67	82	100	82	67	100	96
GRCA-0272AZ	56549	MATHER CAMPGROUND ASPEN LOOP	3	AS	0.59	52	NR	52	52	99	53	52	99	90
GRCA-0272BZ	56549	MATHER CAMPGROUND SAGE LOOP 1	3	AS	0.19	12	NR	12	12	79	33	23	98	95
GRCA-0272CZ	56549	MATHER CAMPGROUND SAGE LOOP 2	3	AS	0.07	37	NR	37	43	92	51	37	99	91
GRCA-0272DZ	56549	MATHER CAMPGROUND SAGE LOOP 3	3	AS	0.05	3	NR	3	25	89	36	3	99	95
GRCA-0272EZ	56549	MATHER CAMPGROUND SAGE LOOP 4	3	AS	0.08	43	NR	43	78	100	78	43	100	96
GRCA-0272FAZ	56549	MATHER CAMPGROUND FIR LOOP CUT THRU	3	AS	0.04	45	NR	45	45	100	45	61	100	95
GRCA-0272FZ	56549	MATHER CAMPGROUND FIR LOOP	3	AS	0.49	40	NR	40	47	99	48	40	100	92
GRCA-0272GZ	56549	MATHER CAMPGROUND PINE LOOP	3	AS	0.47	25	NR	25	25	97	28	65	96	82
GRCA-0272HZ	56549	MATHER CAMPGROUND JUNIPER LOOP 1	3	AS	0.33	7	NR	7	7	68	39	32	99	89
GRCA-0272IZ	56549	MATHER CAMPGROUND JUNIPER LOOP 2	3	AS	0.44	0	NR	0	0	80	0	0	97	83
GRCA-0272JZ	56549	MATHER CAMPGROUND OAK LOOP 1	3	AS	0.25	26	NR	26	26	94	32	44	99	92
GRCA-0272KZ	56549	MATHER CAMPGROUND OAK LOOP 2	3	AS	0.24	16	NR	16	35	96	39	16	100	88
GRCA-0272LZ	56549	MATHER CAMPGROUND MAPLE LOOP	3	AS	0.25	0	NR	0	0	74	11	0	100	93



Cycle 6 - Road Inventory Program

Road Condition Summary Report for Data Collection Vehicle (DCV) Rated Roads

Grand Canyon 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
GRCA-0273AZ	98941	NORTH RIM CAMPGROUND OUTER LOOP	3	AS	0.63	95	NR	95	98	100	98	97	100	95
GRCA-0273BZ	98941	NORTH RIM CAMPGROUND SITES 80 TO 83	3	AS	0.06	85	NR	85	97	100	97	100	100	85
GRCA-0273CZ	98941	NORTH RIM CAMPGROUND SITES 74 TO 79	3	AS	0.09	92	NR	92	100	100	100	100	100	92
GRCA-0273DZ	98941	NORTH RIM CAMPGROUND SITES 64 TO 73	3	AS	0.11	92	NR	92	100	100	100	99	100	92
GRCA-0273EZ	98941	NORTH RIM CAMPGROUND SITES 53 TO 63	3	AS	0.11	96	NR	96	100	100	100	100	100	96
GRCA-0273FZ	98941	NORTH RIM CAMPGROUND SITES 47 TO 52	3	AS	0.08	93	NR	93	96	100	96	95	100	93
GRCA-0277AZ	56550	TRAILER VILLAGE OUTER LOOP A	3	AS	0.72	91	NR	91	95	98	97	96	99	91
GRCA-0277BZ	56550	TRAILER VILLAGE OUTER LOOP B	3	AS	0.37	38	NR	38	38	86	52	69	90	88
GRCA-0279AZ	102247	TRAILER VILLAGE ROAD A	3	AS	0.05	99	NR	99	100	100	100	100	99	99
GRCA-0279BZ	102247	TRAILER VILLAGE ROAD B	3	AS	0.07	99	NR	99	100	100	100	100	99	99
GRCA-0279CZ	102247	TRAILER VILLAGE ROAD C	3	AS	0.08	99	NR	99	100	100	100	100	99	99
GRCA-0279DZ	102247	TRAILER VILLAGE ROAD D	3	AS	0.08	99	NR	99	100	100	100	100	99	99
GRCA-0279EZ	102247	TRAILER VILLAGE ROAD E	3	AS	0.09	99	NR	99	100	100	100	100	100	99
GRCA-0279FZ	102247	TRAILER VILLAGE ROAD F	3	AS	0.09	99	NR	99	100	100	100	100	99	99
GRCA-0279GZ	102247	TRAILER VILLAGE ROAD G	3	AS	0.10	98	NR	98	100	100	100	100	100	98
GRCA-0279HZ	102247	TRAILER VILLAGE ROAD H	3	AS	0.10	99	NR	99	100	100	100	100	99	99
GRCA-0279IZ	102247	TRAILER VILLAGE ROAD I	3	AS	0.10	99	NR	99	100	100	100	100	99	99
GRCA-0279JZ	102247	TRAILER VILLAGE ROAD J	3	AS	0.10	99	NR	99	100	100	100	100	100	99
GRCA-0279KZ	102247	TRAILER VILLAGE ROAD K	3	AS	0.11	99	NR	99	100	100	100	100	100	99



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

Grand Canyon 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
GRCA-0279LLZ	102247	TRAILER VILLAGE ROAD LL	3	AS	0.10	23	NR	23	23	99	24	43	93	89
GRCA-0279MZ	102247	TRAILER VILLAGE ROAD M	3	AS	0.12	0	NR	NR	NR	NR	NR	NR	NR	NR
GRCA-0279NZ	102247	TRAILER VILLAGE ROAD N	3	AS	0.13	15	NR	NR	NR	NR	NR	NR	NR	NR
GRCA-0279OZ	102247	TRAILER VILLAGE ROAD O	3	AS	0.14	9	NR	NR	NR	NR	NR	NR	NR	NR
GRCA-0279PZ	102247	TRAILER VILLAGE ROAD P	3	AS	0.14	0	NR	0	0	75	0	59	91	79
GRCA-0279RZ	102247	TRAILER VILLAGE ROAD R	3	AS	0.13	0	NR	NR	NR	NR	NR	NR	NR	NR
GRCA-0279SZ	102247	TRAILER VILLAGE ROAD S	3	AS	0.12	0	NR	0	0	0	41	62	99	91
GRCA-0279TZ	102247	TRAILER VILLAGE ROAD T	3	AS	0.12	0	NR	NR	NR	NR	NR	NR	NR	NR
GRCA-0287	56551	MASWICK LAUNDRY ROAD	2	AS	0.29	84	NR	84	84	94	90	90	100	96
GRCA-0288	56552	CLINIC ACCESS ROAD	2	AS	0.41	54	NR	54	54	76	78	67	99	94
GRCA-0301	112573	RAILROAD TRACK ACCESS ROAD	3	AS	0.23	94	NR	94	99	99	100	100	100	94
GRCA-0402	77469	SERVICE ROAD TO SUPAI CAMP	5	AS	0.24	83	NR	83	83	93	90	98	100	93
GRCA-0403	56556	TONTO STREET	5	AS	0.15	83	NR	83	99	100	99	83	100	91
GRCA-0404	56557	AUTO SHOP ROAD	5	AS	0.18	90	NR	90	96	100	96	93	97	90
GRCA-0405	56559	ADMIN LOOP	5	AS	0.28	83	NR	83	83	97	86	85	98	92
GRCA-0408	56560	COCONINO ROAD	5	AS	0.28	30	NR	30	34	86	48	30	98	89
GRCA-0409	56561	BOULDER STREET	5	AS	0.28	95	NR	95	98	100	98	95	99	95
GRCA-0411	56563	BOULDER ALLEY	5	AS	0.24	88	NR	88	100	100	100	100	100	88
GRCA-0413	56565	APACHE STREET	5	AS	0.23	92	NR	92	98	100	98	92	100	97



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

Grand Canyon National Park

Condition (Rating / Index) Legend

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

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 - 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.
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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
GRCA-0414	56567	APACHE WEST	5	AS	0.14	88	NR	88	99	100	99	98	98	88
GRCA-0415	56568	APACHE ALLEY	5	AS	0.16	86	NR	86	100	100	100	100	99	86
GRCA-0416	56569	MUAV COURT	5	AS	0.14	46	NR	46	46	82	64	59	99	96
GRCA-0417	56570	HUALAPAI ROAD	5	AS	0.20	41	NR	41	41	81	60	50	99	94
GRCA-0419	56573	KOLB STREET	5	AS	0.04	77	NR	77	95	100	95	77	100	90
GRCA-0420AZ	56574	MATHER STREET A	5	AS	0.07	79	NR	79	99	100	99	96	79	89
GRCA-0420BZ	56574	MATHER STREET B	5	AS	0.10	75	NR	75	100	100	100	94	75	89
GRCA-0421	56576	POWELL AVENUE A	5	AS	0.26	97	NR	97	99	100	99	98	98	97
GRCA-0422	56577	SOUTH MOHAVE STREET	5	AS	0.17	71	NR	71	85	99	86	71	99	93
GRCA-0423	56578	MOHAVE COURT	5	AS	0.16	37	NR	37	37	71	66	50	100	90
GRCA-0426	56583	MASWICK TRANSPORTATION CENTER ROAD	5	AS	0.17	87	NR	87	88	91	97	87	100	96
GRCA-0427	56585	KENNELS ROAD	3	AS	0.17	92	NR	92	94	100	94	92	100	95
GRCA-0428	56586	SHUTTLE BUS ROAD	5	AS	0.60	75	45	95	96	99	97	96	99	95
GRCA-0429AZ	56587	PAIUTE CIRCLE A	5	AS	0.26	100	NR	100	100	100	100	100	100	100
GRCA-0431	56590	JUNIPER HILL	5	AS	0.27	91	NR	91	96	99	97	93	93	91
GRCA-0432	56591	NAVAJO STREET	5	AS	0.17	85	NR	85	97	100	97	85	100	91
GRCA-0433	56593	TAPEATS CIRCLE	5	AS	0.11	81	NR	81	82	100	82	81	100	92
GRCA-0434	56594	HERMIT CIRCLE	5	AS	0.08	97	NR	97	100	100	100	99	100	97
GRCA-0435	56596	SUNSET DRIVE	5	AS	0.36	59	NR	59	71	97	74	59	97	94



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

Grand Canyon National Park

Condition (Rating / Index) Legend

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

- Notes:
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 - Condition on roads that were manually rated and parking areas are shown in separate reports.
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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
GRCA-0436AZ	56598	BRIGHT ANGEL LOOP ROAD A	2	AS	0.20	93	NR	93	100	100	100	99	100	93
GRCA-0436CZ	56598	BRIGHT ANGEL LOOP ROAD C	2	AS	0.04	94	NR	94	100	100	100	100	100	94
GRCA-0437	56600	PARK CIRCLE	5	AS	0.52	32	NR	32	32	86	46	51	99	97
GRCA-0438	56601	BARRY HANCE CIRCLE	5	AS	0.45	88	NR	88	98	100	98	88	99	96
GRCA-0440	56604	RANDY THOMPSON CIRCLE	5	AS	0.56	79	NR	79	94	100	94	79	100	96
GRCA-0441	56605	BOB MANN STREET	5	AS	0.17	88	NR	88	100	100	100	88	100	95
GRCA-0442	56606	MORAN AVENUE	5	AS	0.10	97	NR	97	100	100	100	99	99	97
GRCA-0443	56607	LIPAN STREET	5	AS	0.06	97	NR	97	98	100	98	99	100	97
GRCA-0444	56609	KAIBAB STREET	5	AS	0.54	47	NR	47	64	97	67	47	99	94
GRCA-0445AZ	56610	NAVAJO RESIDENCE ROAD A	5	AS	0.07	56	NR	56	56	92	64	96	100	91
GRCA-0445BZ	56610	NAVAJO RESIDENCE ROAD B	5	AS	0.04	26	NR	26	26	58	68	57	100	89
GRCA-0446	56612	YAVAPAI LODGE ROAD	2	AS	0.69	95	100	92	98	100	98	92	100	99
GRCA-0447	56613	EAST SHUTTLE ACCESS ROAD	5	CO	0.25	88	NR	NR	NR	NR	NR	NR	NR	NR
GRCA-0448AZ	58274	EMPLOYEE DINING ROOM / MULE CONCESSIONAIRE ROAD	5	AS	0.20	57	NR	57	57	100	57	75	99	87
GRCA-0448BZ	58274	CONCESSIONAIRE RESIDENCE ROAD	5	AS	0.17	81	NR	81	81	100	81	88	98	90
GRCA-0448CZ	58274	RV CONCESSIONAIRE RESIDENCE ROAD	5	AS	0.10	94	NR	94	98	100	98	99	100	94
GRCA-0448DZ	58274	DORM ACCESS ROAD	5	AS	0.17	33	NR	NR	NR	NR	NR	NR	NR	NR
GRCA-0449	56615	NORTH RIM RESIDENCE LOOP	6	AS	0.24	83	NR	83	91	100	91	83	100	91
GRCA-0450	56616	WASTEWATER PLANT / HELIPAD ROAD	6	AS	0.35	88	NR	88	89	99	90	93	99	88



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

Grand Canyon 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.
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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
GRCA-0451	56525	HAVASUPAI ROAD	5	AS	0.61	80	NR	80	83	94	89	80	99	94
GRCA-0461AZ	56745	CEDAR MOUNTAIN ROAD	5	AS	0.31	79	NR	79	79	85	94	94	100	94
GRCA-0461BZ	56745	COLTER LANE	5	AS	0.32	74	NR	85	85	98	87	95	99	94
GRCA-0461CZ	56745	NANKOWEAP ROAD	5	AS	0.11	0	NR	0	0	68	21	68	94	84
GRCA-0461DZ	56745	CARDENAS COURT	5	AS	0.03	92	NR	92	92	100	92	100	100	98
GRCA-0464	56619	TANK C PUMPHOUSE ROAD	6	AS	0.15	92	NR	92	92	100	92	97	100	93
GRCA-0488	90475	FIRE STATION ACCESS ROAD	5	AS	0.05	60	NR	60	99	100	99	96	100	60
GRCA-0489	90476	INN CABIN LOOP	5	AS	0.20	14	NR	NR	NR	NR	NR	NR	NR	NR
GRCA-0490	90477	CAMPGROUND STORE / CONCESSION ACCESS ROAD	5	AS	0.07	96	NR	96	99	100	99	100	100	96
GRCA-0492	104068	DESERT VIEW MAINTENANCE / RANGER STATION ROAD	5	AS	0.07	86	NR	86	86	94	92	96	99	90
GRCA-0500	56624	VILLAGE LOOP DRIVE	2	AS	1.32	69	NR	69	69	77	92	89	100	87
GRCA-0501	56625	VILLAGE LOOP BYPASS	3	AS	0.31	56	NR	56	56	82	74	56	99	76
GRCA-0502	97062	SOUTH ENTRANCE BYPASS LANE	6	AS	0.45	99	NR	99	100	100	100	100	100	99
GRCA-0503	238607	MATHER POINT SHUTTLE LOOP	5	CO	0.14	90	NR	NR	NR	NR	NR	NR	NR	NR
GRCA-0505	90384	WEIGH STATION	5	AS	0.07	89	NR	89	99	100	99	99	100	89
GRCA-0601	56627	ALBRIGHT AVENUE	2	AS	0.62	71	NR	71	98	100	98	71	100	99



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

Grand Canyon 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
GRCA-0429BZ	56587	PAIUTE CIRCLE B	5	AS	0.03	97	NR	97	97	97	97	97	97	97
GRCA-0430	56589	LAPP LOOP	5	AS	0.07	90	NR	90	NR	90	90	90	97	90
GRCA-0439	56603	PONDEROSA STREET	5	AS	0.04	90	NR	90	NR	97	97	90	97	90
GRCA-0491	90479	EXPOSED FRAME CABIN RESIDENCE ROAD	5	AS	0.20	NR	NR	NR	NR	NR	NR	NR	NR	NR

Route-Level Condition for Manually Rated Polygon (MRP) Roads

Route No.	FMSS No.	Route Name	Functional Class	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	
GRCA-0504	235836	CONC VILLAGE LOOP CONCESSION HOUSING ACCESS ROAD	5	AS	6,221	30	30	90	30	30	97	73						



Cycle 6 - Road Inventory Program

Parking Area Condition Summary Report

Grand Canyon 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.
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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	
GRCA-0900	58280	SOUTH ENTRANCE GRAND CANYON PARKING	PUBLIC	AS	24,884	90	90	90	97	97	97	90						
GRCA-0901	58281	SOUTH ENTRANCE STATION PARKING	NONPUBLIC	AS	6,189	90	97	90	97	97	97	90						
GRCA-0903	58283	HEADQUARTERS PARKING	PUBLIC	AS	91,603	30	30	90	90	73	97	97						
GRCA-0904AZ	58288	EL TOVAR/VERKAMPS PARKING A	PUBLIC	AS	18,179	90	97	90	90	97	97	90						
GRCA-0904BZ	58288	EL TOVAR/VERKAMPS PARKING B	PUBLIC	AS	9,856	90	97	90	97	97	97	90						
GRCA-0904CZ	58288	EL TOVAR/VERKAMPS PARKING C	PUBLIC	AS	33,529	53	90	53	90	90	97	90						
GRCA-0904DZ	58288	EL TOVAR/VERKAMPS PARKING D	PUBLIC	AS	2,572	53	53	53	90	73	97	90						
GRCA-0905	58289	KACHINA LODGE PARKING	PUBLIC	AS	19,368	90	97	90	97	97	97	90						
GRCA-0906	58291	THUNDERBIRD LODGE PARKING	PUBLIC	AS	19,785	90	97	90	90	97	97	90						
GRCA-0907	58292	BRIGHT ANGEL LODGE PARKING	PUBLIC	AS	28,404	90	90	90	90	97	97	90						
GRCA-0908AZ	58293	MASWICK STANDARD PARKING A	PUBLIC	AS	7,571	90	97	90	97	97	97	97						
GRCA-0908BZ	58293	MASWICK STANDARD PARKING B	PUBLIC	AS	35,903	73	73	90	90	97	97	90						
GRCA-0908CZ	58293	MASWICK STANDARD PARKING C	PUBLIC	AS	39,532	90	90	90	90	97	97	97						
GRCA-0908DZ	58293	MASWICK STANDARD PARKING D	PUBLIC	AS	25,853	90	90	90	90	97	97	90						
GRCA-0908EZ	58293	MASWICK STANDARD PARKING E	PUBLIC	AS	85,535	53	53	90	73	90	97	73						
GRCA-0909	58297	SERVICE PARKING AREA	PUBLIC	AS	55,245	90	90	90	90	90	97	90						
GRCA-0910	58340	HUMAN RESOURCES PARKING	PUBLIC	AS	5,022	90	90	90	90	97	97	97						
GRCA-0911	58343	TRAILVIEW PARKING SEC 2	PUBLIC	AS	4,233	90	97	90	90	97	97	90						
GRCA-0912	58348	GRAND CANYON VISTA PARKING	PUBLIC	AS	9,358	90	97	90	90	97	97	90						
GRCA-0913	58350	MARICOPA POINT PARKING	PUBLIC	AS	4,326	90	97	97	97	97	97	90						
GRCA-0914	58356	POWELL MEMORIAL PARKING	PUBLIC	AS	3,415	90	97	90	90	97	97	90						
GRCA-0915	58358	HOPI POINT PARKING	PUBLIC	AS	19,031	90	97	97	90	97	97	90						
GRCA-0916	58360	HOPI POINT II PARKING	PUBLIC	AS	4,194	90	97	97	90	97	97	90						
GRCA-0917AZ	58362	MOHAVE POINT PARKING AREA A	PUBLIC	AS	5,998	90	97	97	90	97	97	97						
GRCA-0917BZ	58362	MOHAVE POINT PARKING AREA B	PUBLIC	AS	1,992	90	97	97	90	97	97	97						
GRCA-0918	58363	ABYSS PARKING	PUBLIC	AS	2,597	90	97	97	90	97	97	90						



Cycle 6 - Road Inventory Program Parking Area Condition Summary Report

Grand Canyon National Park

Condition (Rating / Index) Legend

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GRCA-0919AZ	58372	PIMA POINT PARKING A	PUBLIC	CO	3,460	90							90	97	97	97	97
GRCA-0919BZ	58372	PIMA POINT PARKING B	PUBLIC	AS	2,206	90	97	97	97	97	97	90					
GRCA-0920	58384	HERMIT'S REST PARKING	PUBLIC	AS	26,890	90	97	90	97	97	97	97					
GRCA-0921	58385	TRAIN STATION PARKING	PUBLIC	AS	9,974	73	73	90	90	97	90	90					
GRCA-0923	58386	MASWICK TRANSPORTATION CENTER PARKING	PUBLIC	AS	103,391	90	90	90	90	97	97	90					
GRCA-0924AZ	58388	RANGER OPERATIONS PARKING	PUBLIC	AS	17,789	53	90	53	97	97	97	90					
GRCA-0924BZ	58388	MAGISTRATE EMPLOYEE	PUBLIC	AS	7,416	30	90	90	53	30	90	73					
GRCA-0925	58390	GENERAL OFFICES PARKING	PUBLIC	AS	15,045	53	73	53	73	90	97	90					
GRCA-0926	58393	SCHOOL PARKING WEST	PUBLIC	AS	11,218	90	90	90	90	97	97	90					
GRCA-0927	103177	BOULDER STREET RESIDENCE PARKING	PUBLIC	AS	4,089	53	73	53	90	73	97	90					
GRCA-0928	58396	COCONINO SCHOOL PARKING	PUBLIC	AS	36,918	30	30	90	73	90	97	90					
GRCA-0930	58401	CONCESSIONS OPERATION COMPLEX PARKING	PUBLIC	AS	131,227	53	53	90	90	73	97	90					
GRCA-0931	58402	SHUTTLE BUS PARKING	NONPUBLIC	AS	49,311	53	90	90	73	53	97	73					
GRCA-0932	58403	FIRE STATION PARKING	NONPUBLIC	AS	6,985	53	53	90	90	97	97	90					
GRCA-0933	90376	GRAND CANYON ASSOCIATION PARKING	PUBLIC	AS	11,587	73	73	90	90	97	97	90					
GRCA-0934AZ	58405	STABLE PARKING AREA A	PUBLIC	AS	17,490	0											
GRCA-0934BZ	58405	STABLE PARKING AREA B	PUBLIC	AS	6,707	0											
GRCA-0934CZ	58405	STABLE PARKING AREA C	PUBLIC	AS	1,237	0											
GRCA-0935	58407	SCHOOL PARKING EAST	PUBLIC	AS	6,886	53	53	90	90	90	97	90					
GRCA-0937AZ	58411	CLINIC EMS PARKING A	PUBLIC	AS	5,016	90	90	90	97	97	97	90					
GRCA-0937BZ	58411	PRIVATE RESIDENCE AND CLINIC PARKING	PUBLIC	AS	15,179	53	53	90	90	97	90	90					
GRCA-0937CZ	58411	AMBULANCE PARKING	PUBLIC	AS	11,633	90	90	90	90	97	90	90					
GRCA-0937DZ	58411	CLINIC EMS PARKING D	PUBLIC	AS	12,561	90	97	90	97	97	97	90					
GRCA-0937EZ	58411	CLINIC EMS PARKING E	PUBLIC	AS	16,276	90	97	97	97	97	97	90					
GRCA-0938	58412	CONCESSIONS LAUNDRY PARKING	PUBLIC	AS	9,695	90	90	90	90	97	97	90					
GRCA-0939	58413	WASTEWATER TREATMENT AREA	NONPUBLIC	AS	33,244	90	90	90	90	97	97	90					



Cycle 6 - Road Inventory Program Parking Area Condition Summary Report

Grand Canyon National Park

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GRCA-0940	58414	BUSINESS CENTER PARKING	PUBLIC	AS	147,361	53	53	53	90	73	97	90						
GRCA-0941	58416	MATHER CAMPGROUND SERVICES PARKING	PUBLIC	AS	28,780	53	73	53	73	90	97	73						
GRCA-0942	58417	YAVAPAI EAST PARKING	PUBLIC	AS	80,794	90	97	90	97	97	97	90						
GRCA-0943	58418	YAVAPAI WEST I PARKING	PUBLIC	AS	63,317	97	97	97	97	97	97	97						
GRCA-0944	58419	YAVAPAI WEST II PARKING	PUBLIC	AS	47,828	90	90	90	97	97	97	97						
GRCA-0945	58420	SECTION 1 PULLOUT PARKING	PUBLIC	AS	5,254	90	97	90	97	97	97	90						
GRCA-0946	58421	PIPE CREEK PARKING 1	PUBLIC	AS	4,868	90	90	90	97	97	97	90						
GRCA-0947	58430	PIPE CREEK PARKING 2	PUBLIC	AS	4,435	90	97	90	90	97	97	90						
GRCA-0948	58433	YAKI POINT PARKING	PUBLIC	AS	4,852	73	97	90	73	97	97	90						
GRCA-0949	56628	KAIBAB TRAIL SERVICE ROAD PARKING	PUBLIC	AS	19,903	73	73	90	73	90	97	73						
GRCA-0950	58436	DUCK-ON-A-ROCK OVERLOOK PARKING	PUBLIC	AS	21,632	53	90	53	90	97	97	90						
GRCA-0951	58438	TWIN OVERLOOK PARKING 1	PUBLIC	AS	6,045	90	97	90	90	97	97	90						
GRCA-0952	58441	TWIN OVERLOOK PARKING 2	PUBLIC	AS	6,893	90	97	90	97	97	97	90						
GRCA-0953	58444	THOR'S HAMMER OVERLOOK PARKING	PUBLIC	AS	10,493	90	97	90	97	97	97	90						
GRCA-0954	58446	BUGGELN PICNIC AREA	PUBLIC	AS	12,500	90	97	90	90	97	97	97						
GRCA-0955	58447	NO-NAME POINT PARKING	PUBLIC	AS	18,458	90	97	90	97	97	97	97						
GRCA-0956	58448	NAVAJO POINT PARKING	PUBLIC	AS	27,120	90	97	90	97	97	97	97						
GRCA-0958	58452	DESERT VIEW GAS STATION	PUBLIC	AS	26,761	90	97	90	97	97	97	97						
GRCA-0959	58453	DESERT VIEW RANGER AND MAINTENANCE PARKING	PUBLIC	AS	3,829	73	97	90	73	97	97	97						
GRCA-0960	58455	NORTH RIM ENTRANCE PARKING	PUBLIC	AS	6,642	90	97	90	97	97	97	90						
GRCA-0961	58456	NORTH RIM FOREST PARKING (PICNIC AREA)	PUBLIC	AS	11,040	90	97	90	90	97	97	90						
GRCA-0963	58457	KAIBAB TRAILHEAD PARKING	PUBLIC	AS	27,489	90	90	90	97	97	97	90						
GRCA-0965Z	58459	NORTH RIM VISITOR CENTER PARKING	PUBLIC	AS	106,808	90	90	90	90	97	97	90						
GRCA-0966	58460	MIXED BLESSINGS PARKING	PUBLIC	AS	4,917	90	90	90	90	97	97	90						
GRCA-0967	58462	POINT IMPERIAL PARKING	PUBLIC	AS	32,095	90	90	90	90	97	97	90						
GRCA-0968	58465	VISTA ENCANTADA/PICNIC AREA	PUBLIC	AS	13,811	90	90	90	90	97	97	90						



Cycle 6 - Road Inventory Program Parking Area Condition Summary Report

Grand Canyon National Park

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GRCA-0969	58467	ROOSEVELT POINT PARKING	PUBLIC	AS	5,295	90	97	90	90	97	97	90							
GRCA-0970	58468	WAHALLA PLATEAU OVERLOOK PARKING	PUBLIC	AS	22,058	90	97	90	97	97	97	90							
GRCA-0971	58469	GAS STATION PARKING	PUBLIC	AS	10,646	90	90	90	97	97	97	90							
GRCA-0972	58470	NORTH RIM CAMPGROUND SHOWERS & LAUNDRYMAT PARKING	PUBLIC	AS	4,664	90	97	90	97	97	97	90							
GRCA-0973	58472	NORTH RIM CAMPGROUND GENERAL STORE PARKING	PUBLIC	AS	3,730	90	97	90	90	97	97	90							
GRCA-0974Z	58459	GRAND CANYON LODGE PARKING	PUBLIC	AS	25,646	90	90	90	90	90	97	90							
GRCA-0975AZ	58475	NORTH RIM RESIDENCE PARKING A	PUBLIC	AS	6,220	90	97	90	90	97	97	90							
GRCA-0975BZ	58475	NORTH RIM RESIDENCE PARKING B	PUBLIC	AS	637	90	97	90	90	97	97	90							
GRCA-0975CZ	58475	NORTH RIM RESIDENCE PARKING C	PUBLIC	AS	614	90	97	90	90	97	97	90							
GRCA-0975DZ	58475	NORTH RIM RESIDENCE PARKING D	PUBLIC	AS	449	90	97	97	97	97	97	90							
GRCA-0976	58478	NORTH RIM ADMINISTRATIVE BUILDING PARKING	PUBLIC	AS	2,962	90	90	90	90	97	97	90							
GRCA-0977	58482	NORTH RIM FIRE PARKING	PUBLIC	AS	1,935	90	97	97	97	90	90	90							
GRCA-0978	58485	GREENLAND LAKES CABIN PARKING	PUBLIC	AS	967	90	97	90	97	97	97	90							
GRCA-0979AZ	58488	GENERAL OFFICES TAXI PARKING	PUBLIC	AS	7,826	73	90	90	97	73	97	90							
GRCA-0979BZ	58488	GARAGE PARKING	PUBLIC	AS	2,088	90	90	90	97	97	97	90							
GRCA-0980AZ	90482	GRANDVIEW POINT ROAD PARKING A	PUBLIC	AS	4,886	90	97	90	97	97	97	97							
GRCA-0980BZ	90482	GRANDVIEW POINT ROAD PARKING B	PUBLIC	AS	5,222	90	97	90	97	97	97	97							
GRCA-0980CZ	90482	GRANDVIEW POINT ROAD PARKING C	PUBLIC	AS	2,375	90	97	90	97	97	97	97							
GRCA-0980DZ	90482	GRANDVIEW POINT ROAD PARKING D	PUBLIC	AS	1,300	90	97	90	97	97	97	97							
GRCA-0981	90485	LIPAN POINT PARKING	PUBLIC	AS	15,911	90	97	90	97	97	97	97							
GRCA-0982	90486	MAINTAINING MOUNTAIN MEADOWS PARKING	PUBLIC	AS	3,084	90	97	90	90	97	97	90							
GRCA-0983AZ	102309	APACHE WEST PARKING A	PUBLIC	AS	1,138	90	97	90	90	97	97	90							
GRCA-0983BZ	102309	APACHE WEST PARKING B	PUBLIC	AS	3,348	90	97	90	90	97	97	90							
GRCA-0983CZ	102309	APACHE WEST PARKING C	PUBLIC	AS	539	73	73	90	90	97	97	90							
GRCA-0983DZ	102309	APACHE WEST PARKING D	PUBLIC	AS	344	90	97	97	90	97	97	90							
GRCA-0983EZ	102309	APACHE WEST PARKING E	PUBLIC	AS	555	90	97	90	97	97	97	90							



Cycle 6 - Road Inventory Program Parking Area Condition Summary Report

Grand Canyon National Park

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GRCA-0983FZ	102309	APACHE WEST PARKING F	PUBLIC	AS	1,300	90	97	90	97	97	97	90						
GRCA-0983GZ	102309	APACHE WEST PARKING G	PUBLIC	AS	1,766	90	97	90	97	97	97	90						
GRCA-0984	90378	YAVAPAI POINT PARKING	PUBLIC	AS	75,953	73	73	90	73	90	97	73						
GRCA-0986	90496	BOULDER WEST PARKING	PUBLIC	AS	3,914	73	73	90	90	97	97	90						
GRCA-0987	90498	LOOP STREET PARKING	PUBLIC	AS	26,630	53	53	90	73	97	97	90						
GRCA-0989AZ	90500	PAIUTE APARTMENTS PARKING A	PUBLIC	AS	3,193	97	97	97	97	97	97	97						
GRCA-0989BZ	90500	PAIUTE APARTMENTS PARKING B	PUBLIC	AS	4,502	97	97	97	97	97	97	97						
GRCA-0989CZ	90500	PAIUTE APARTMENTS PARKING C	PUBLIC	AS	5,892	97	97	97	97	97	97	97						
GRCA-0989DZ	90500	PAIUTE APARTMENTS PARKING D	PUBLIC	AS	2,998	97	97	97	97	97	97	97						
GRCA-0989EZ	90500	PAIUTE APARTMENTS PARKING E	PUBLIC	AS	1,629	97	97	97	97	97	97	97						
GRCA-0989FZ	90500	PAIUTE APARTMENTS PARKING F	PUBLIC	AS	2,879	97	97	97	97	97	97	97						
GRCA-0989GZ	90500	PAIUTE APARTMENTS PARKING G	PUBLIC	AS	1,941	97	97	97	97	97	97	97						
GRCA-0989HZ	90500	PAIUTE APARTMENTS PARKING H	PUBLIC	AS	2,762	97	97	97	97	97	97	97						
GRCA-0990AZ	90501	TUSAYAN MUSEUM AND RUIN PARKING A	PUBLIC	AS	4,891	90	97	97	97	97	97	90						
GRCA-0990BZ	90501	TUSAYAN MUSEUM AND RUIN PARKING B	PUBLIC	AS	2,134	90	97	97	97	97	97	90						
GRCA-0991AZ	90503	MORAN POINT PARKING A	PUBLIC	AS	5,558	90	97	90	97	97	97	97						
GRCA-0991BZ	90503	MORAN POINT PARKING B	PUBLIC	AS	3,152	90	97	90	97	97	97	97						
GRCA-0993	90380	BOOK STORE EMPLOYEE PARKING	NONPUBLIC	AS	4,763	90	97	90	97	97	97	97						
GRCA-0994	90505	TRAILER VILLAGE DORM PARKING	PUBLIC	AS	18,917	53	73	53	53	53	97	73						
GRCA-0995	90382	DAY CARE AND RECREATION CENTER PARKING	PUBLIC	AS	32,621	90	90	90	90	97	97	90						
GRCA-0996	90506	YAVAPAI LODGE BUS PARKING	PUBLIC	AS	4,010	90	90	90	97	97	97	90						
GRCA-0997	90508	CAMPGROUND REGISTRATION/ CAMPFIRE PROGRAM PARKING	PUBLIC	AS	19,221	90	90	90	97	97	97	90						
GRCA-0998	90509	NORTH RIM CAMPGROUND DUMP STATION	PUBLIC	AS	6,700	NR												
GRCA-0999	90383	NEW MAINTENANCE AREA	PUBLIC	AS	184,271	73	73	90	90	90	97	90						
GRCA-1001AZ	90385	RANDY THOMPSON CIRCLE PARKING A	PUBLIC	AS	1,342	90	97	90	97	97	97	97						
GRCA-1001BZ	90385	RANDY THOMPSON CIRCLE PARKING B	PUBLIC	AS	1,327	90	97	90	97	97	97	97						



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GRCA-1001CZ	90385	RANDY THOMPSON CIRCLE PARKING C	PUBLIC	AS	1,219	90	97	90	97	97	97	97						
GRCA-1002	90388	BARRY HANCE CIRCLE PARKING	PUBLIC	AS	1,735	90	97	90	97	97	97	97						
GRCA-1003AZ	90511	HERMIT CIRCLE PARKING A	PUBLIC	AS	3,850	53	97	97	53	97	97	73						
GRCA-1003BZ	90511	HERMIT CIRCLE PARKING B	PUBLIC	AS	2,446	53	97	97	53	97	97	73						
GRCA-1004	90513	MOHAVE SOUTH STREET PARKING	PUBLIC	AS	5,326	73	73	90	97	97	97	97						
GRCA-1005	56581	CONCESSION APARTMENT PARKING	PUBLIC	AS	8,618	73	73	90	73	97	97	90						
GRCA-1006	56582	GRAND CANYON CONCESSION PARKING	PUBLIC	AS	8,509	53	73	53	97	97	97	90						
GRCA-1007AZ	90389	MOHAVE COURT PARKING A	PUBLIC	AS	1,923	90	90	90	97	97	97	90						
GRCA-1007BZ	90389	MOHAVE COURT PARKING B	PUBLIC	AS	2,714	90	90	90	90	97	97	90						
GRCA-1007CZ	90389	MOHAVE COURT PARKING C	PUBLIC	AS	1,744	90	90	90	90	97	97	90						
GRCA-1007DZ	90389	MOHAVE COURT PARKING D	PUBLIC	AS	1,834	73	73	90	90	97	97	90						
GRCA-1007EZ	90389	MOHAVE COURT PARKING E	PUBLIC	AS	1,735	53	53	90	73	90	97	90						
GRCA-1007FZ	90389	MOHAVE COURT PARKING F	PUBLIC	AS	2,793	53	53	90	73	90	97	90						
GRCA-1007GZ	90389	MOHAVE COURT PARKING G	PUBLIC	AS	2,457	73	73	90	90	97	97	90						
GRCA-1008AZ	90396	KOLB ROAD PARKING A	PUBLIC	AS	1,676	90	97	90	90	97	97	90						
GRCA-1008BZ	90396	KOLB ROAD PARKING B	PUBLIC	AS	895	90	97	90	90	97	97	90						
GRCA-1009	56572	HUALAPAI COURT PARKING	PUBLIC	AS	6,409	90	97	90	90	97	97	90						
GRCA-1010AZ	90517	MUAV COURT PARKING A	PUBLIC	AS	2,291	90	90	90	97	97	97	90						
GRCA-1010BZ	90517	MUAV COURT PARKING B	PUBLIC	AS	2,187	90	90	90	90	97	97	90						
GRCA-1010CZ	90517	MUAV COURT PARKING C	PUBLIC	AS	2,682	90	97	90	97	97	97	90						
GRCA-1010DZ	90517	MUAV COURT PARKING D	PUBLIC	AS	2,550	90	90	90	90	97	97	90						
GRCA-1010EZ	90517	MUAV COURT PARKING E	PUBLIC	AS	1,995	90	90	90	90	97	97	90						
GRCA-1010FZ	90517	MUAV COURT PARKING F	PUBLIC	AS	3,186	90	90	90	90	97	97	90						
GRCA-1010GZ	90517	MUAV COURT PARKING G	PUBLIC	AS	3,176	53	53	90	90	90	97	90						
GRCA-1012	90527	GENERATOR LOOP PARKING	PUBLIC	AS	7,966	90	97	90	97	97	97	90						
GRCA-1013	90528	BUNKHOUSE PARKING	PUBLIC	AS	882	90	97	90	97	97	97	90						



Cycle 6 - Road Inventory Program

Parking Area Condition Summary Report

Grand Canyon 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		
GRCA-1014AZ	90529	CONCESSION DORM PARKING	PUBLIC	AS	7,446	90	97	90	97	97	97	90							
GRCA-1014BZ	90529	CONCESSIONAIRE CAFETERIA PARKING	PUBLIC	AS	1,192	90	97	90	97	97	97	90							
GRCA-1014CZ	90529	CAFETERIA EMPLOYEE PARKING	PUBLIC	AS	4,334	90	97	97	97	97	97	90							
GRCA-1014DZ	90529	CONCESSIONAIRE DORM PARKING #1	PUBLIC	AS	3,787	90	97	90	97	97	97	90							
GRCA-1014EZ	90529	CONCESSIONAIRE DORM PARKING #2	PUBLIC	AS	4,122	90	97	97	90	97	97	90							
GRCA-1014FZ	90529	CONCESSIONAIRE DORM PARKING #3	PUBLIC	AS	2,836	90	90	90	97	97	97	90							
GRCA-1014GZ	90529	REAR EMPLOYEE DORM HOUSING	PUBLIC	AS	10,993	90	97	97	90	97	97	90							
GRCA-1014HZ	90529	FRONT EMPLOYEE DORM PARKING	PUBLIC	AS	7,670	90	97	90	90	97	97	90							
GRCA-1016	90398	MATHER CAMPGROUND DUMP STATION	PUBLIC	AS	7,846	90	90	90	90	97	97	90							
GRCA-1017	90531	RESIDENCE PARKING AREA	PUBLIC	AS	1,377	90	97	90	90	97	97	90							
GRCA-1021	103380	BUS LOADING PARKING	PUBLIC	AS	5,110	90	97	90	90	97	97	90							
GRCA-1025AZ	102350	DESERT VIEW BUS PARKING A	PUBLIC	AS	69,413	90	97	90	90	97	97	90							
GRCA-1025BZ	102350	DESERT VIEW BUS PARKING B	PUBLIC	CO	12,521	90							90	90	90	97	97		
GRCA-1026	102351	DESERT VIEW VISITOR PARKING	PUBLIC	AS	107,824	90	97	90	97	97	97	90							
GRCA-1027AZ	104064	FOUR PLEX PARKING A	PUBLIC	CO	906	53							73	90	90	53	97		
GRCA-1027BZ	104064	FOUR PLEX PARKING B	PUBLIC	AS	1,943	90	97	90	90	97	97	90							
GRCA-1031	97463	MOHAVE RESIDENTIAL PARKING	PUBLIC	AS	12,537	90	97	90	97	97	97	90							
GRCA-1033	97343	1ST EAST OF MOHAVE PARKING	PUBLIC	AS	2,471	90	97	97	90	97	97	90							
GRCA-1034	97345	1ST EAST OF PIMA POINT PARKING	PUBLIC	AS	3,784	90	97	97	90	97	97	90							
GRCA-1035	97344	1ST EAST OF THE ABYSS PARKING	PUBLIC	AS	2,197	90	97	97	90	97	97	90							
GRCA-1036	97341	2ND EAST OF MOHAVE POINT PARKING	PUBLIC	AS	1,475	90	97	97	90	97	97	90							
GRCA-1037	97346	2ND EAST OF PIMA POINT PARKING	PUBLIC	AS	3,938	90	97	97	90	97	97	90							
GRCA-1038	97342	2ND EAST OF THE ABYSS PARKING	PUBLIC	AS	6,597	90	97	97	90	97	97	90							
GRCA-1039	97339	3RD EAST OF PIMA POINT PARKING	PUBLIC	AS	4,706	90	97	97	90	97	97	90							
GRCA-1040	97337	4TH PAST PIMA POINT PARKING	PUBLIC	AS	2,057	90	97	97	90	97	97	90							
GRCA-1041	97340	3RD EAST OF THE ABYSS PARKING	PUBLIC	AS	1,132	90	97	97	97	97	97	90							



Cycle 6 - Road Inventory Program Parking Area Condition Summary Report

Grand Canyon 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		
GRCA-1043	104065	PARKING FOR NPS 8-PLEX	PUBLIC	AS	14,402	90	97	97	97	97	97	90							
GRCA-1044AZ	102298	MAGISTRATE PARKING A	PUBLIC	AS	1,241	90	97	90	97	97	97	90							
GRCA-1044BZ	102298	MAGISTRATE PARKING B	PUBLIC	AS	2,014	90	97	90	97	97	97	97							
GRCA-1045	227126	EAST ENTRANCE SIGN PARKING	PUBLIC	AS	3,198	90	97	97	90	97	97	90							
GRCA-1046	227129	EAST ENTRANCE STATION PARKING	PUBLIC	AS	6,612	90	97	97	97	97	97	90							
GRCA-1047	227130	EAST STATION EMPLOYEE PARKING	PUBLIC	AS	6,475	90	97	90	97	97	97	97							
GRCA-1048	103378	YAVAPAI LODGE SERVICE ROAD/PARKING	PUBLIC	AS	10,097	30	30	90	73	73	97	90							
GRCA-1049	227131	MATHER CAMPGROUND CHECK IN PARKING	PUBLIC	AS	12,938	90	97	90	90	97	97	90							
GRCA-1050	103562	REAR DORM PARKING	PUBLIC	AS	6,651	30	90	90	53	30	97	73							
GRCA-1051	104061	DESERT VIEW PARKING	PUBLIC	AS	9,012	90	97	90	97	97	97	97							
GRCA-1052	227140	EMS PARKING	PUBLIC	AS	38,090	90	97	90	90	97	97	90							
GRCA-1054AZ	97059	VISITOR CENTER PARKING #1	PUBLIC	AS	130,902	90	97	90	97	97	97	97							
GRCA-1054BZ	97059	VISITOR CENTER PARKING #2	PUBLIC	AS	80,367	90	97	90	97	97	97	97							
GRCA-1054CZ	97059	VISITOR CENTER PARKING #3	PUBLIC	AS	74,660	97	97	97	97	97	97	97							
GRCA-1054DZ	97059	VISITOR CENTER PARKING #4	PUBLIC	AS	101,427	90	97	90	97	97	97	97							
GRCA-1054EZ	97059	VISITOR CENTER COMERCIAL BUS PARKING	PUBLIC	AS	148,812	90	97	90	97	97	97	97							
GRCA-1061AZ	108294	BRIGHT ANGEL TRAIL HEAD PARKING A	PUBLIC	AS	472	73	97	90	90	90	97	73							
GRCA-1061BZ	108294	BRIGHT ANGEL TRAIL HEAD PARKING B	PUBLIC	AS	1,843	73	97	90	90	90	97	73							
GRCA-1061CZ	108294	BRIGHT ANGEL TRAIL HEAD PARKING C	PUBLIC	AS	2,082	73	90	90	90	97	97	73							
GRCA-1061DZ	108294	BRIGHT ANGEL TRAIL HEAD PARKING D	PUBLIC	AS	376	73	97	90	90	90	97	73							
GRCA-1061EZ	108294	BRIGHT ANGEL TRAIL HEAD PARKING E	PUBLIC	AS	617	73	97	90	90	90	97	73							
GRCA-1061FZ	108294	BRIGHT ANGEL TRAIL HEAD PARKING F	PUBLIC	AS	1,146	73	90	90	90	97	97	73							
GRCA-1061GZ	108294	BRIGHT ANGEL TRAIL HEAD PARKING G	PUBLIC	AS	2,775	73	97	90	90	90	97	73							
GRCA-1061HZ	108294	BRIGHT ANGEL TRAIL HEAD PARKING H	PUBLIC	AS	3,356	73	90	90	90	97	97	73							
GRCA-1061IZ	108294	BRIGHT ANGEL TRAIL HEAD PARKING I	PUBLIC	AS	409	73	97	97	97	97	97	73							
GRCA-1061JZ	108294	BRIGHT ANGEL TRAIL HEAD PARKING J	PUBLIC	AS	1,386	73	97	90	90	97	97	73							



Cycle 6 - Road Inventory Program Parking Area Condition Summary Report

Grand Canyon 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	
GRCA-1061KZ	108294	BRIGHT ANGEL TRAIL HEAD PARKING K	PUBLIC	AS	430	73	97	97	90	90	97	73						
GRCA-1061LZ	108294	BRIGHT ANGEL TRAIL HEAD PARKING L	PUBLIC	AS	413	73	97	97	90	97	97	73						
GRCA-1061MZ	108294	BRIGHT ANGEL TRAIL HEAD PARKING M	PUBLIC	AS	369	73	97	97	97	97	97	73						
GRCA-1061NZ	108294	BRIGHT ANGEL TRAIL HEAD PARKING N	PUBLIC	AS	529	73	97	90	90	97	97	73						
GRCA-1062	112574	BUS LOADING/ PARKING AREA	NONPUBLIC	CO	6,831	97							97	97	97	97	97	
GRCA-1066	97061	SCIENCE AND RESOURCE MANAGEMENT CENTER PARKING	PUBLIC	AS	12,478	97	97	97	97	97	97	97						
GRCA-1067	247163	TUSAYAN PARK AND RIDE PARKING	PUBLIC	AS	58,646	90	97	90	90	97	97	97						

Section 4 Park Route Location Maps



Grand Canyon National Park

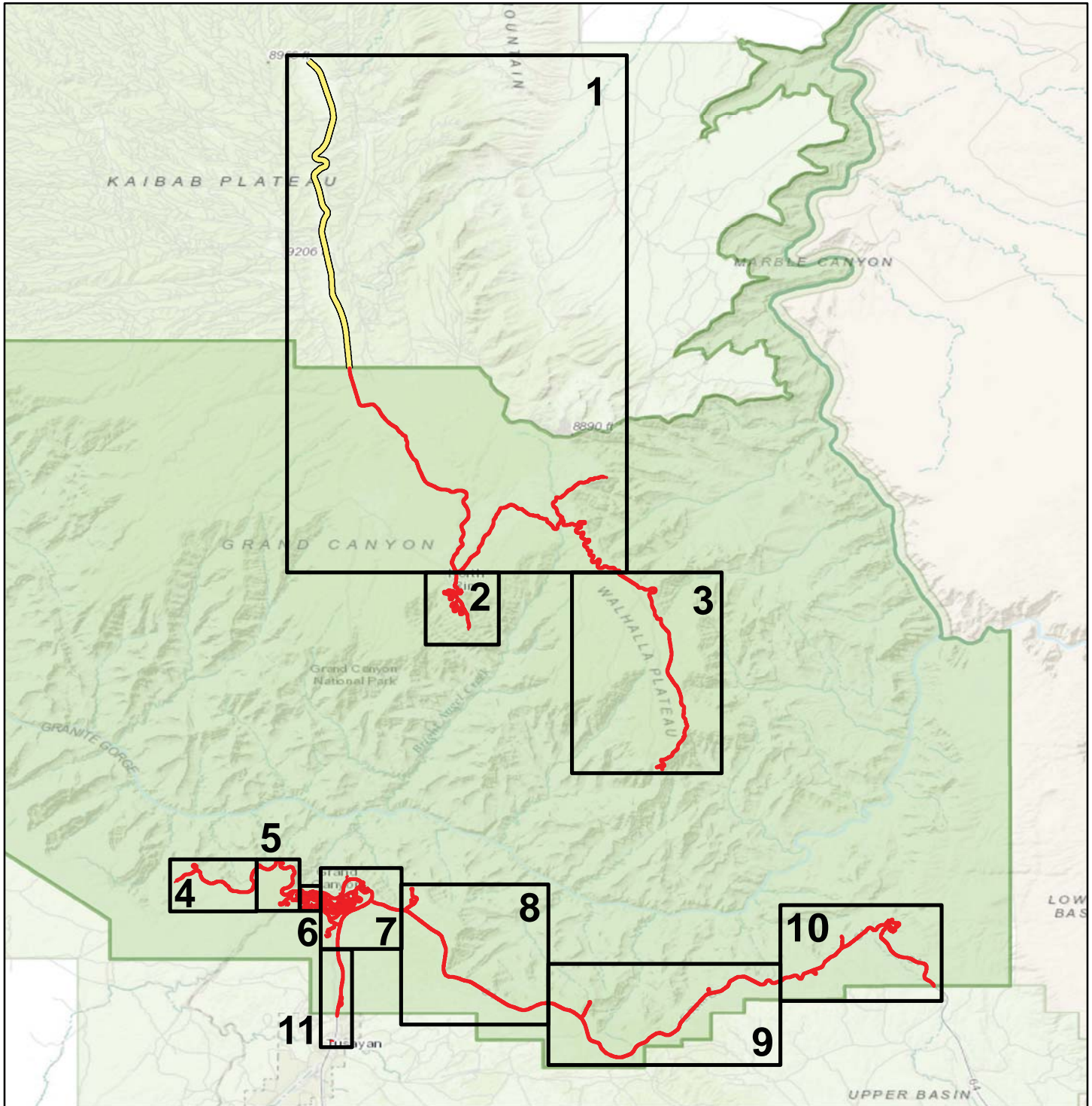


Federal Lands Highway
Road Inventory Program

Grand Canyon National Park

ROUTE LOCATION MAP

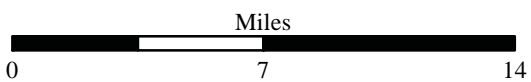
Key Map



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

 NPS Collected Routes

 Non-NPS Collected Routes



Grand Canyon National Park

ROUTE LOCATION MAP

Area Map 1



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

Note: Unique colors are used to differentiate roads

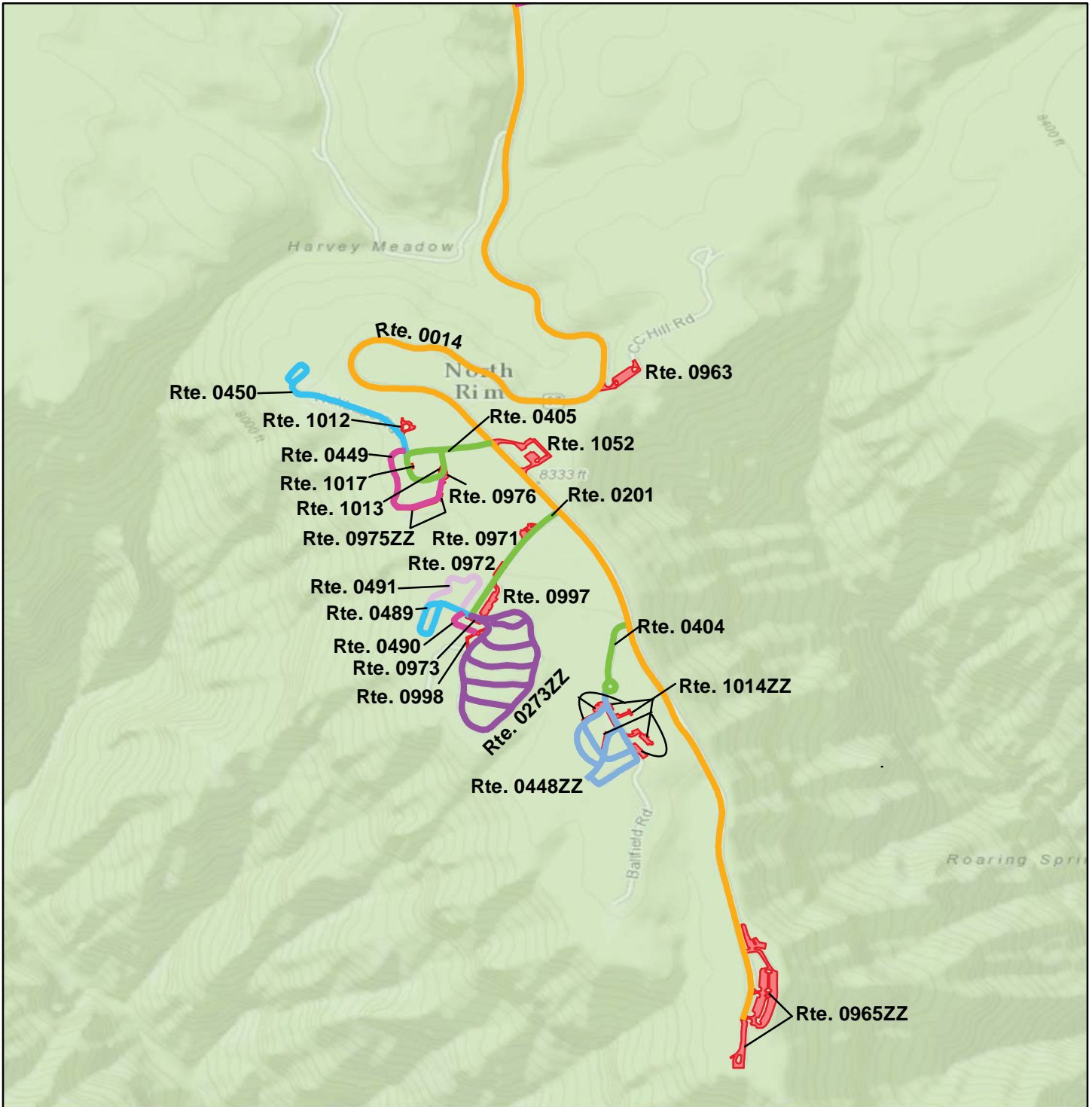
Non-NPS Collected Routes



Grand Canyon National Park

ROUTE LOCATION MAP

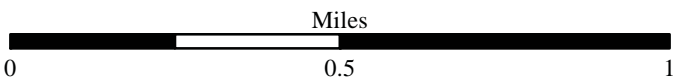
Area Map 2



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

Note: Unique colors are used to differentiate roads

Non-NPS Collected Routes



Grand Canyon National Park

ROUTE LOCATION MAP

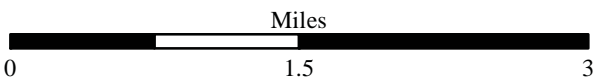
Area Map 3



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

Note: Unique colors are used to differentiate roads

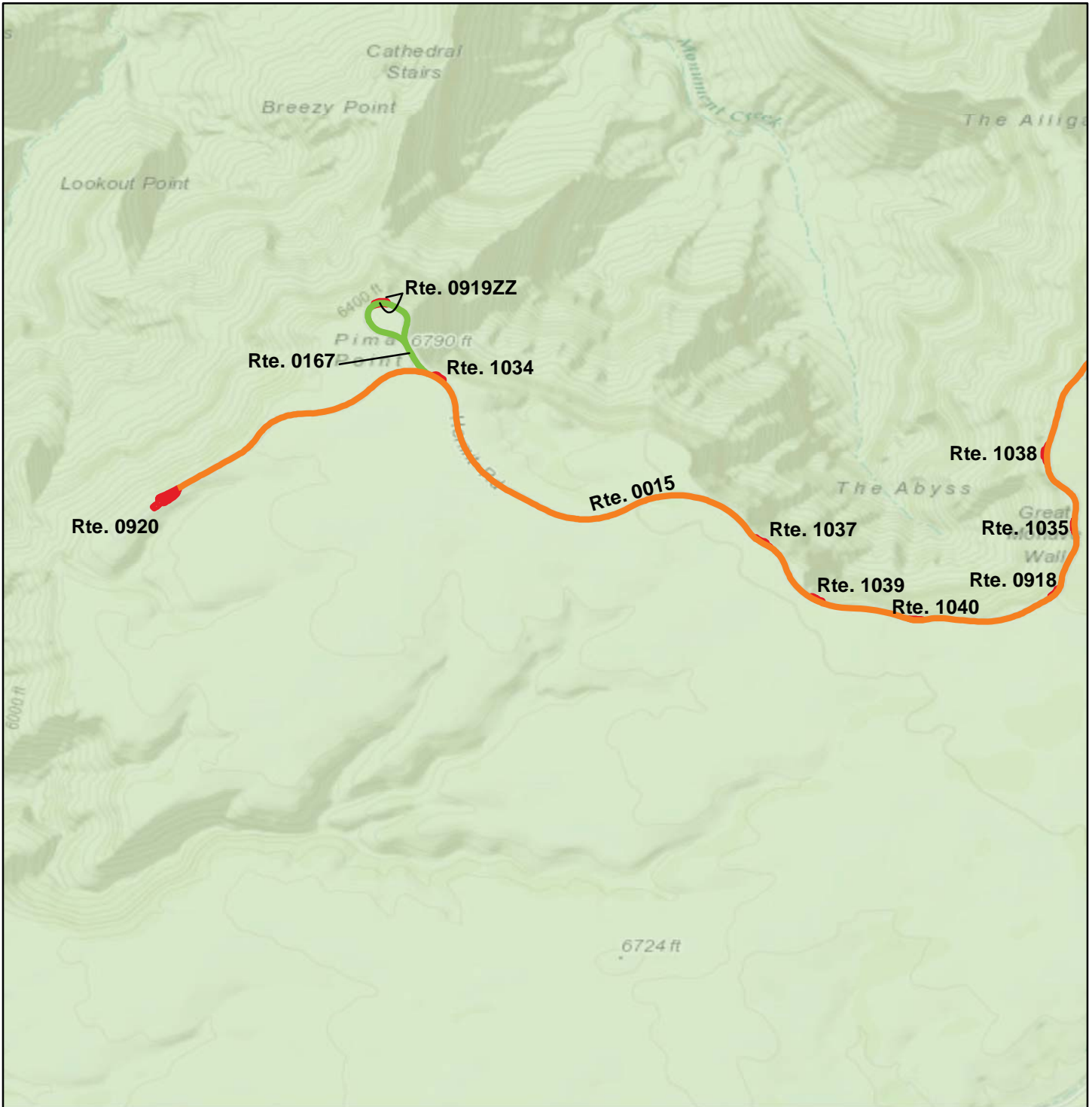
==== Non-NPS Collected Routes



Grand Canyon National Park

ROUTE LOCATION MAP

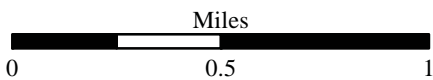
Area Map 4



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

Note: Unique colors are used to differentiate roads

 **Non-NPS Collected Routes**



Grand Canyon National Park

ROUTE LOCATION MAP

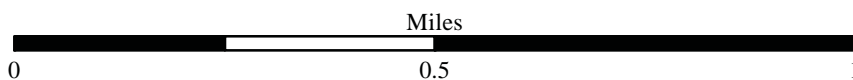
Area Map 5



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

Note: Unique colors are used to differentiate roads

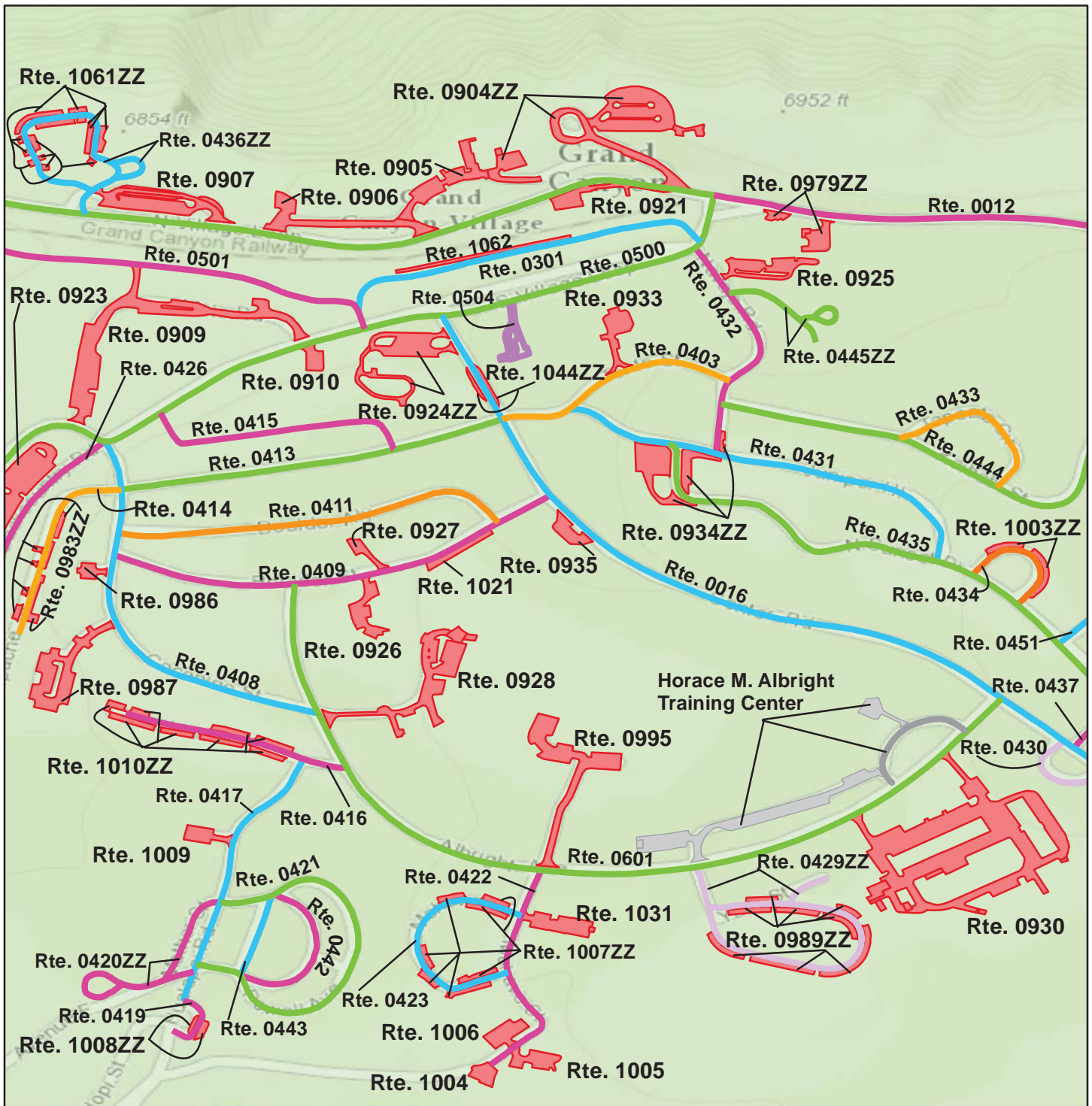
Non-NPS Collected Routes



Grand Canyon National Park

ROUTE LOCATION MAP

Area Map 6



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

Note: Unique colors are used to differentiate roads

Non-NPS Collected Routes



Grand Canyon National Park

ROUTE LOCATION MAP

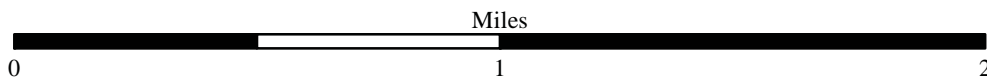
Area Map 7



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

Note: Unique colors are used to differentiate roads

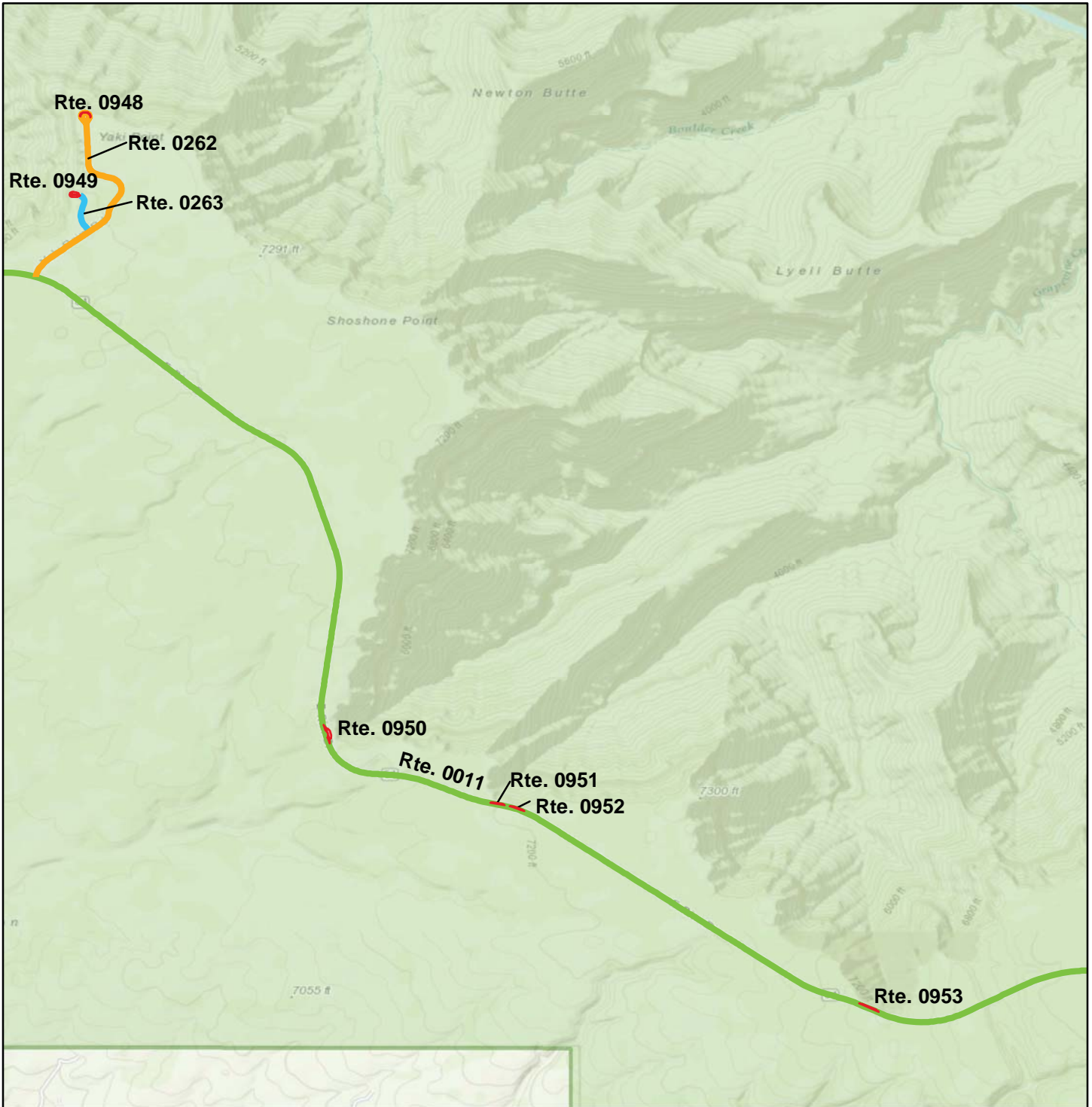
Non-NPS Collected Routes



Grand Canyon National Park

ROUTE LOCATION MAP

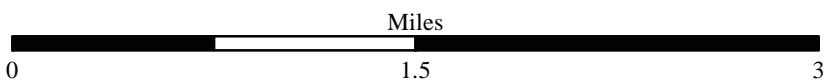
Area Map 8



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

Note: Unique colors are used to differentiate roads

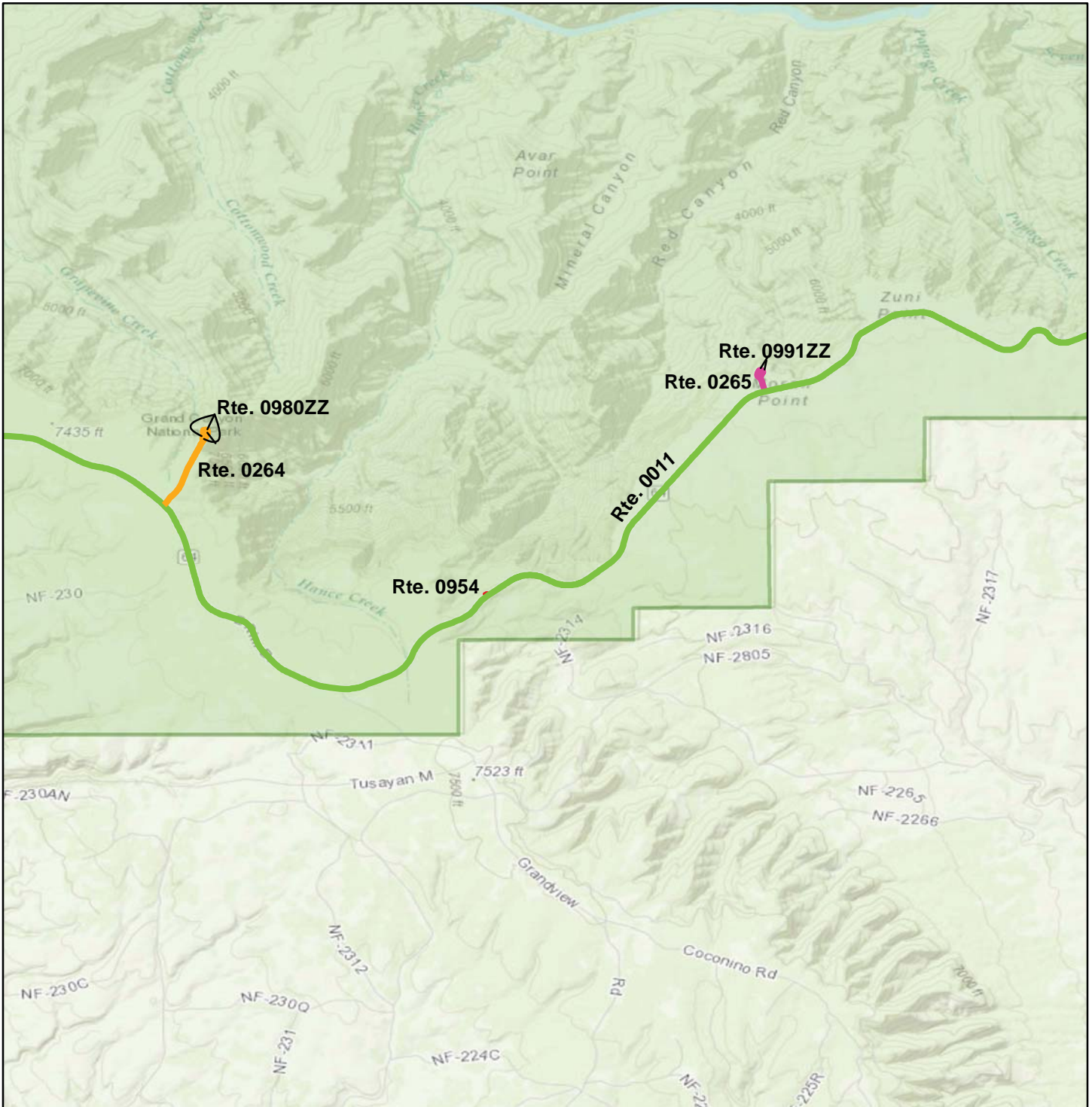
Non-NPS Collected Routes



Grand Canyon National Park

ROUTE LOCATION MAP

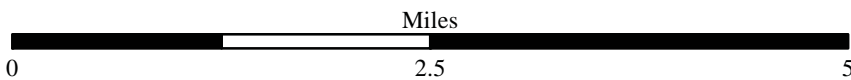
Area Map 9



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

Note: Unique colors are used to differentiate roads

Non-NPS Collected Routes



Grand Canyon National Park

ROUTE LOCATION MAP

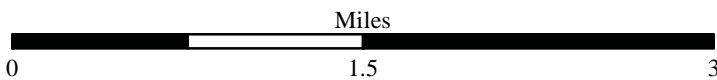
Area Map 10



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

Note: Unique colors are used to differentiate roads

Non-NPS Collected Routes



Grand Canyon National Park

ROUTE LOCATION MAP

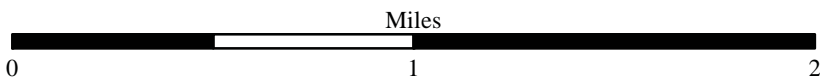
Area Map 11



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

Note: Unique colors are used to differentiate roads

Non-NPS Collected Routes

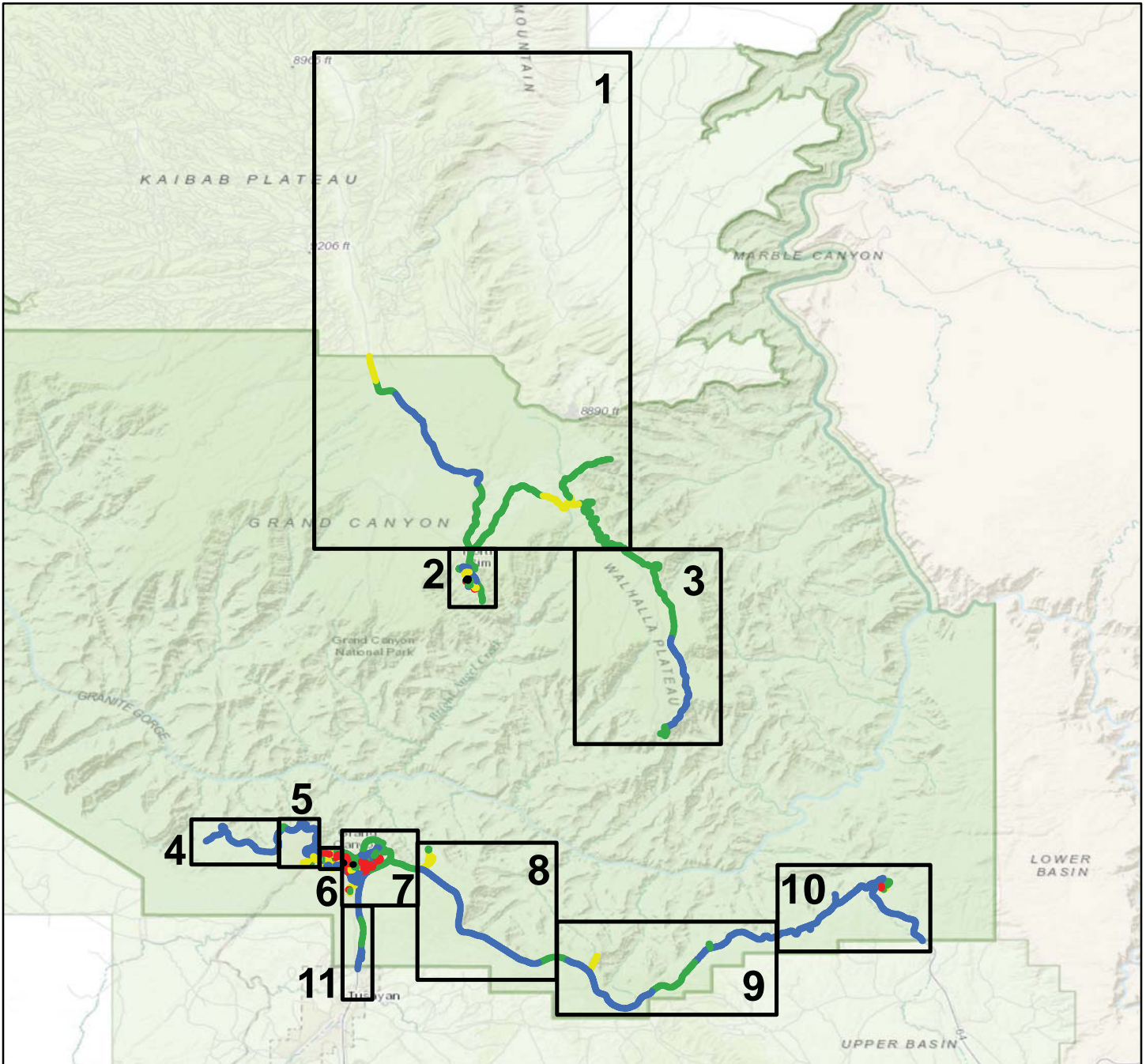


Grand Canyon National Park

ROUTE CONDITION MAP

PCR - MILE BY MILE

Key Map

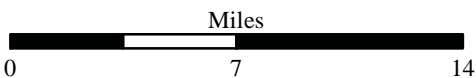


Sources: Esri, HERE, DeLorme, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), swisstopo, MapmyIndia, © OpenStreetMap contributors, and the GIS User Community

Route Condition Legend – Pavement Condition Rating (PCR)



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

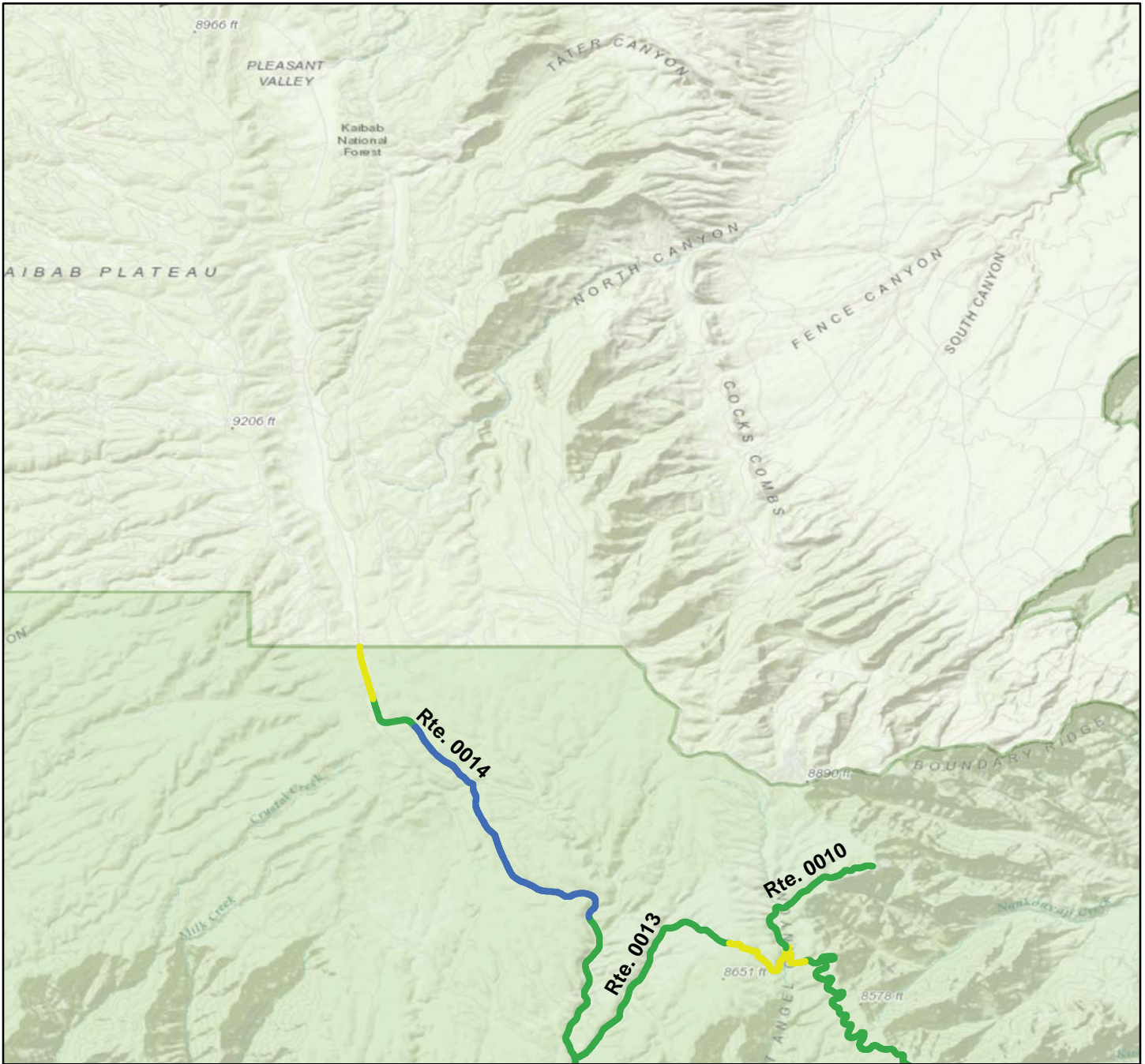


Grand Canyon National Park

ROUTE CONDITION MAP

PCR - MILE BY MILE

Area Map 1

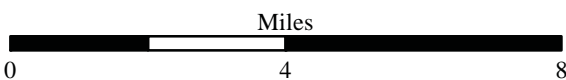


Sources: Esri, HERE, DeLorme, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), swisstopo, MapmyIndia, © OpenStreetMap contributors, and the GIS User Community

Route Condition Legend – Pavement Condition Rating (PCR)



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

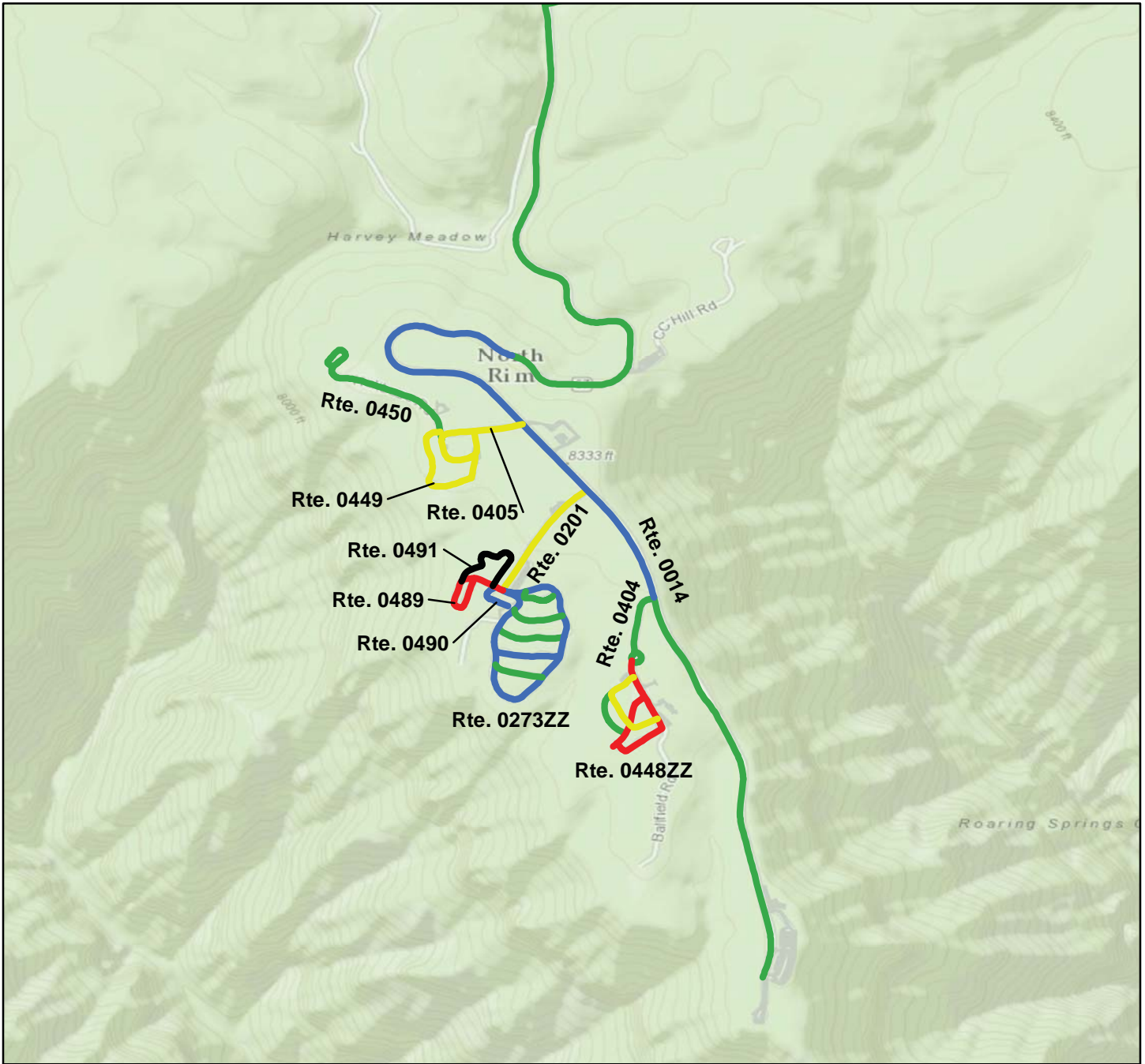


Grand Canyon National Park

ROUTE CONDITION MAP

PCR - MILE BY MILE

Area Map 2

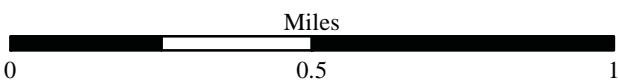


Sources: Esri, HERE, DeLorme, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), swisstopo, MapmyIndia, © OpenStreetMap contributors, and the GIS User Community

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

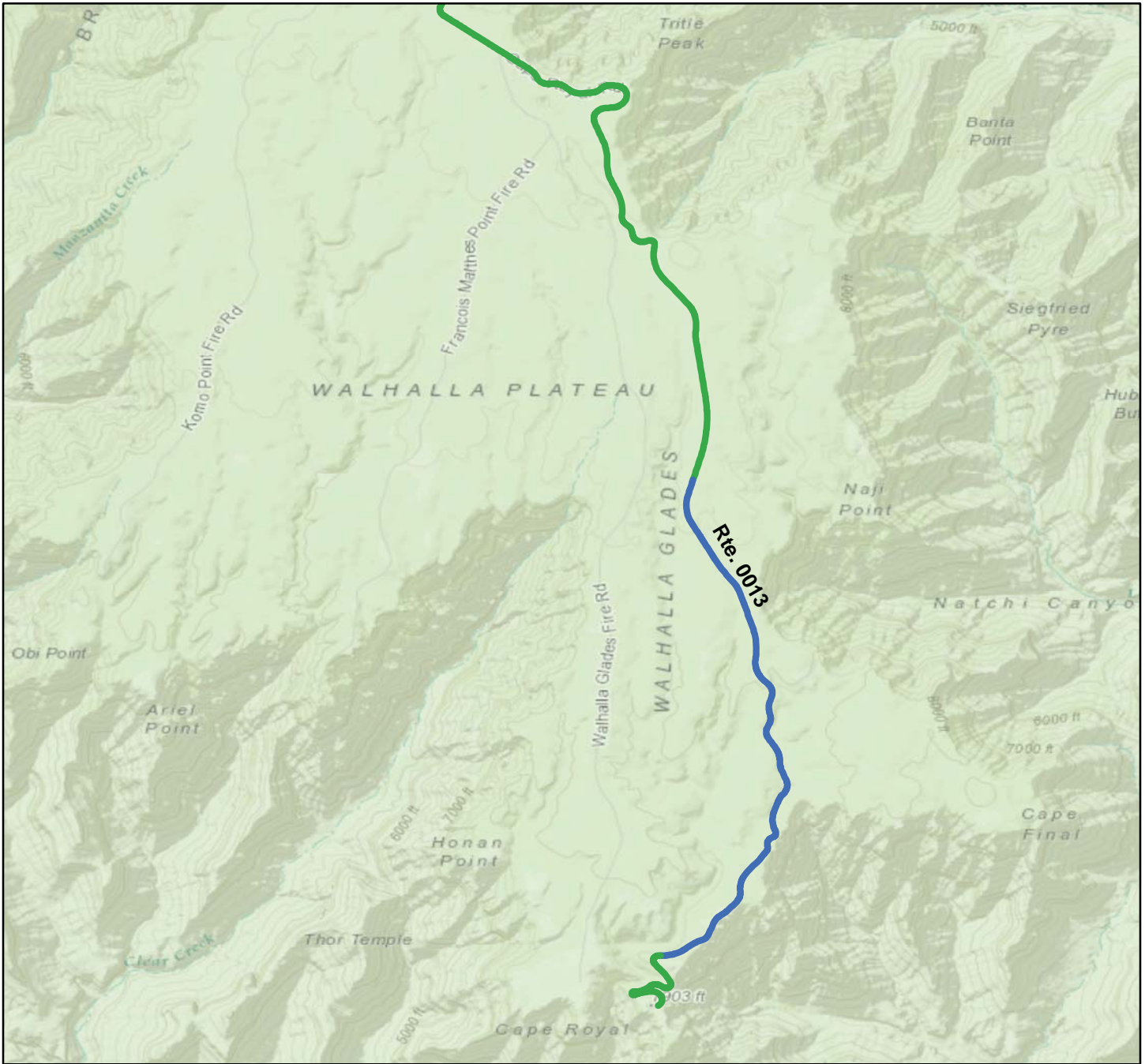


Grand Canyon National Park

ROUTE CONDITION MAP

PCR - MILE BY MILE

Area Map 3

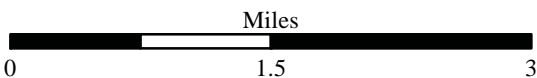


Sources: Esri, HERE, DeLorme, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), swisstopo, MapmyIndia, © OpenStreetMap contributors, and the GIS User Community

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

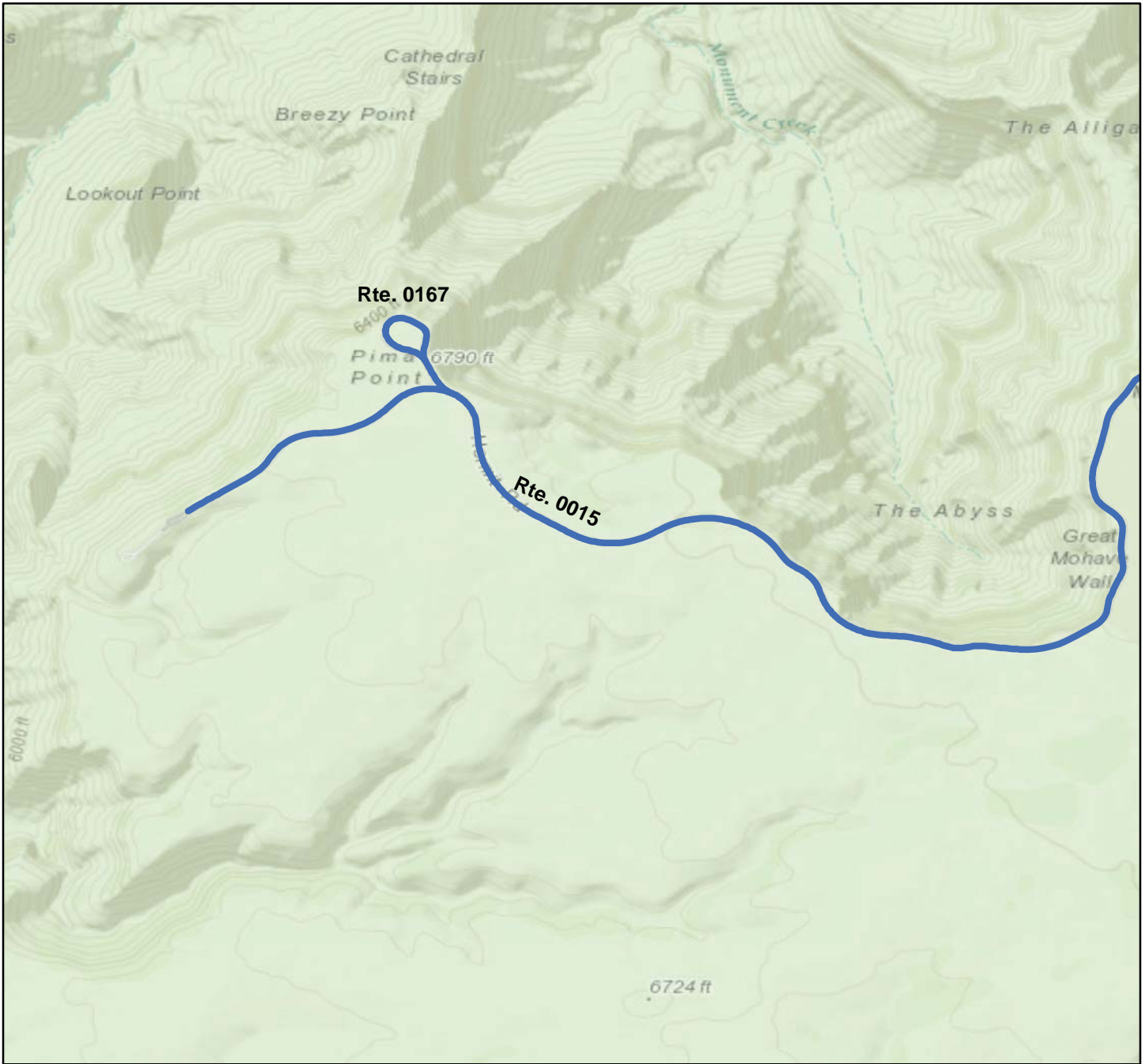


Grand Canyon National Park

ROUTE CONDITION MAP

PCR - MILE BY MILE

Area Map 4

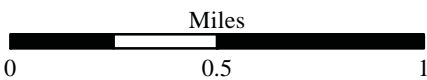


Sources: Esri, HERE, DeLorme, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), swisstopo, MapmyIndia, © OpenStreetMap contributors, and the GIS User Community

Route Condition Legend – Pavement Condition Rating (PCR)

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



Grand Canyon National Park

ROUTE CONDITION MAP

PCR - MILE BY MILE

Area Map 5

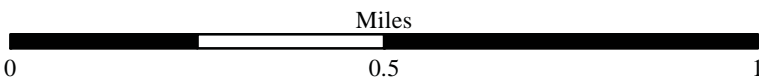


Sources: Esri, HERE, DeLorme, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), swisstopo, MapmyIndia, © OpenStreetMap contributors, and the GIS User Community

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
 Only Data Collection Vehicle and Manually Rated Roads are displayed

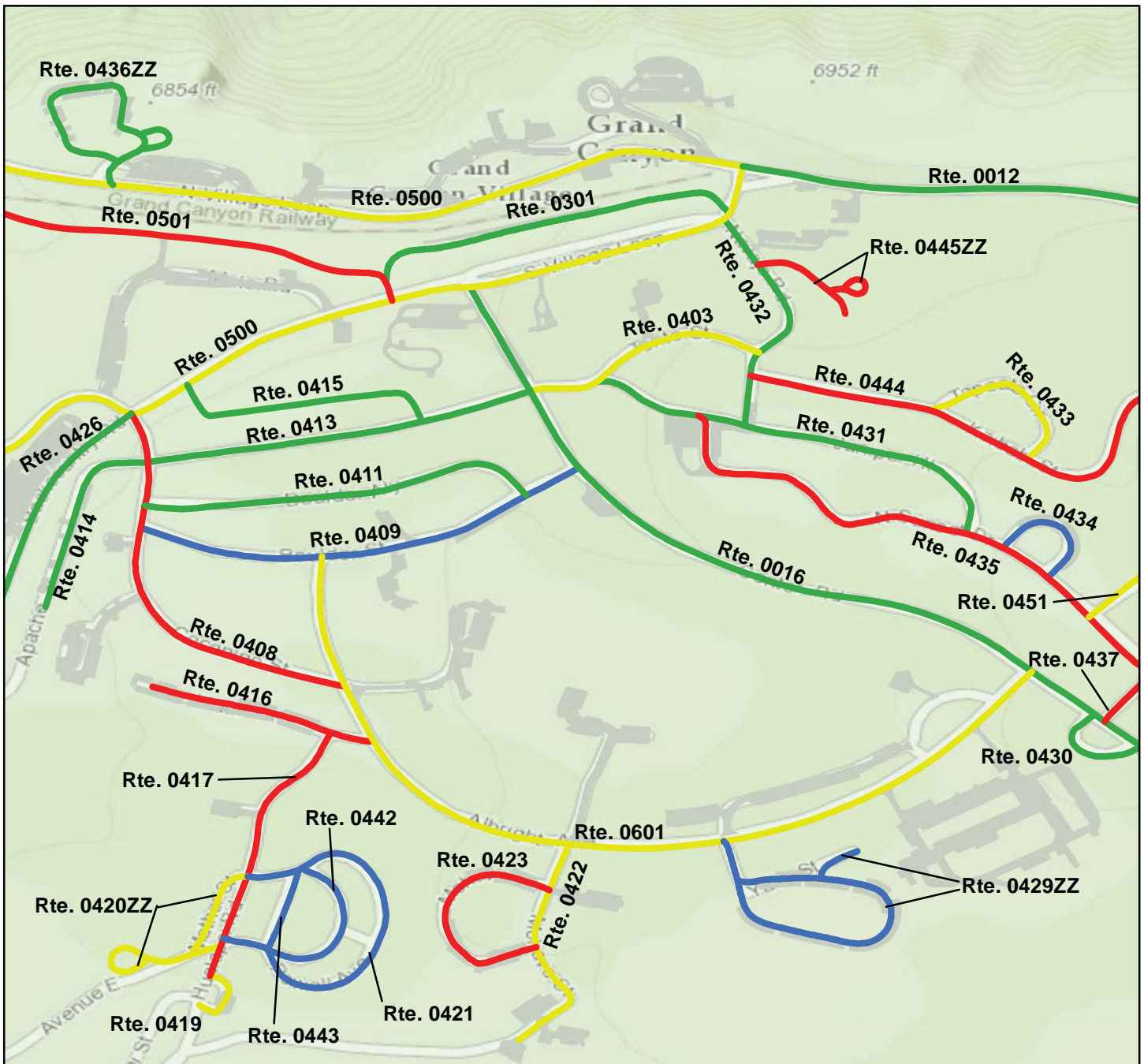


Grand Canyon National Park

ROUTE CONDITION MAP

PCR - MILE BY MILE

Area Map 6



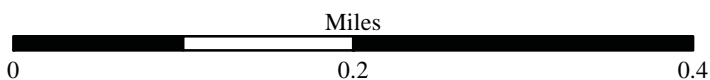
Sources: Esri, DeLorme, NAVTEQ, TomTom, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), swisstopo, and the GIS User Community

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

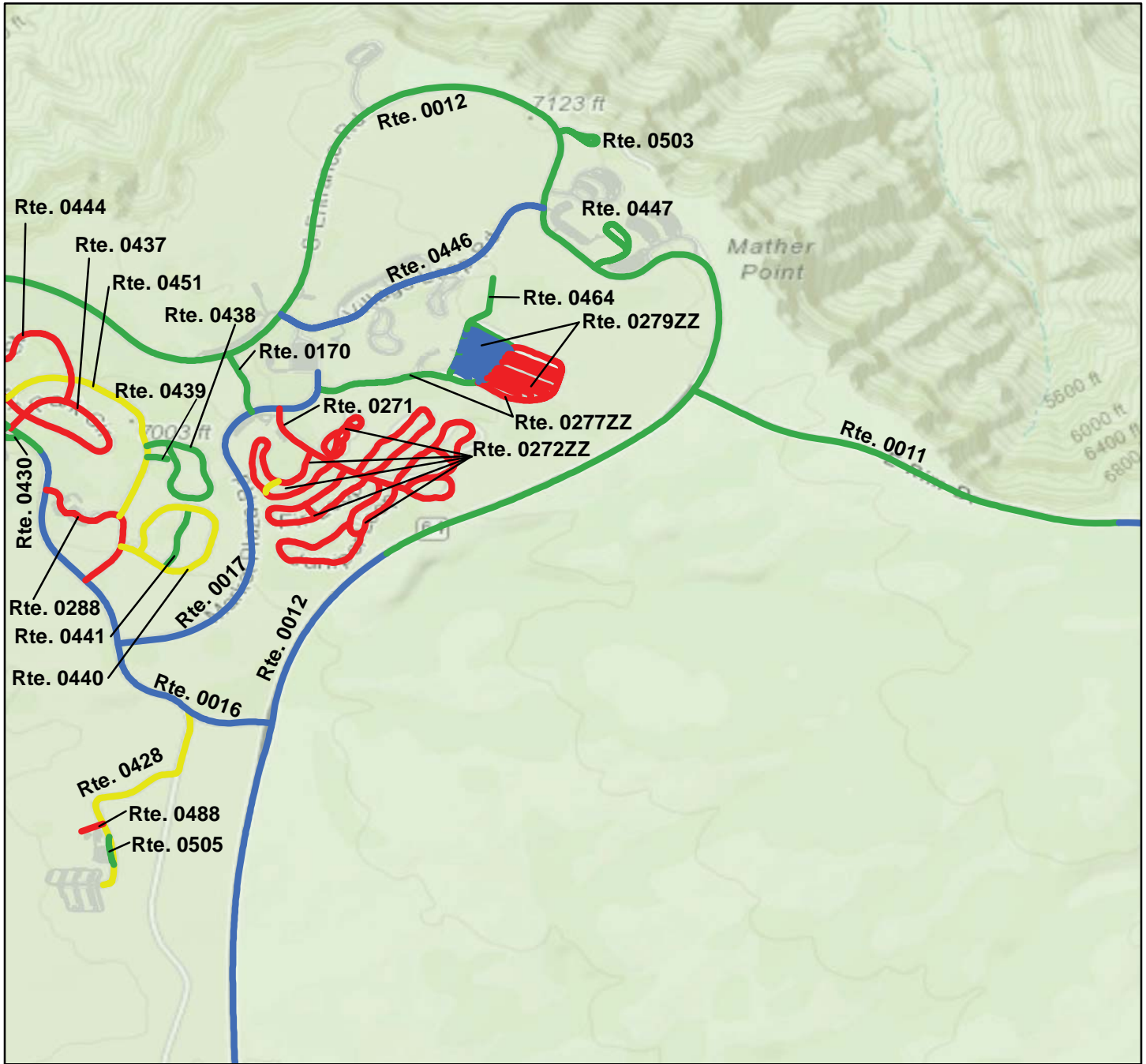


Grand Canyon National Park

ROUTE CONDITION MAP

PCR - MILE BY MILE

Area Map 7



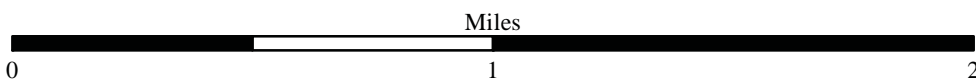
Sources: Esri, DeLorme, NAVTEQ, TomTom, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), swisstopo, and the GIS User Community

Route Condition Legend – 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

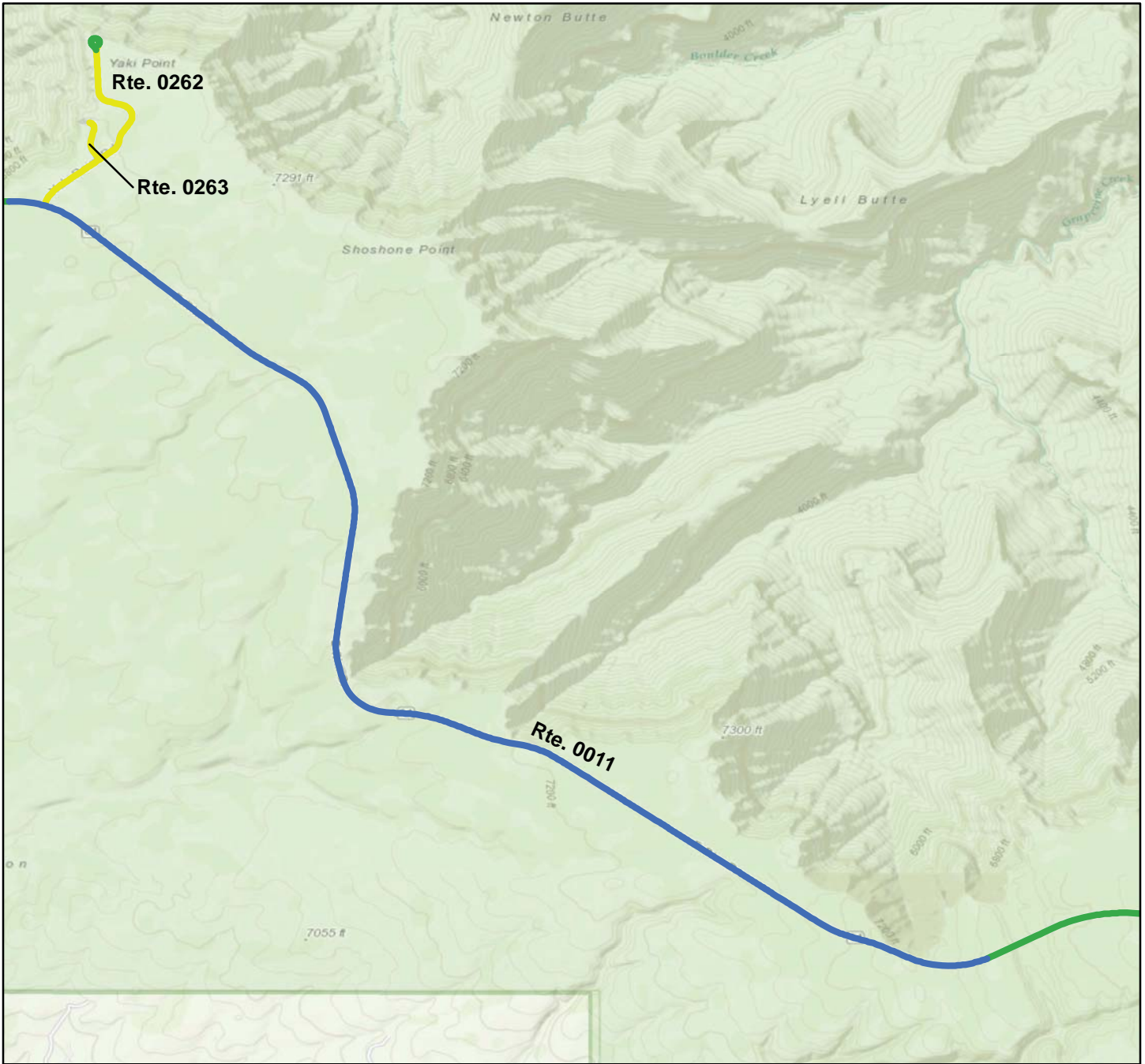


Grand Canyon National Park

ROUTE CONDITION MAP

PCR - MILE BY MILE

Area Map 8



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)

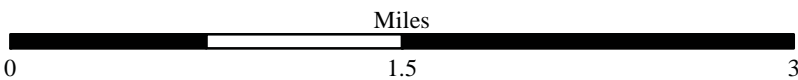
Good (85 - 94)

Excellent (95 - 100)

Not Rated

See Appendix for definitions and formulas

Only Data Collection Vehicle and Manually Rated Roads are displayed



Grand Canyon National Park

ROUTE CONDITION MAP

PCR - MILE BY MILE

Area Map 9

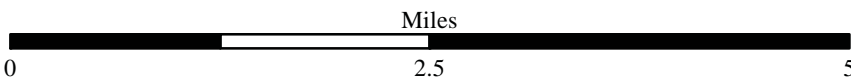


Sources: Esri, HERE, DeLorme, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), swisstopo, MapmyIndia, © OpenStreetMap contributors, and the GIS User Community

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
 Only Data Collection Vehicle and Manually Rated Roads are displayed

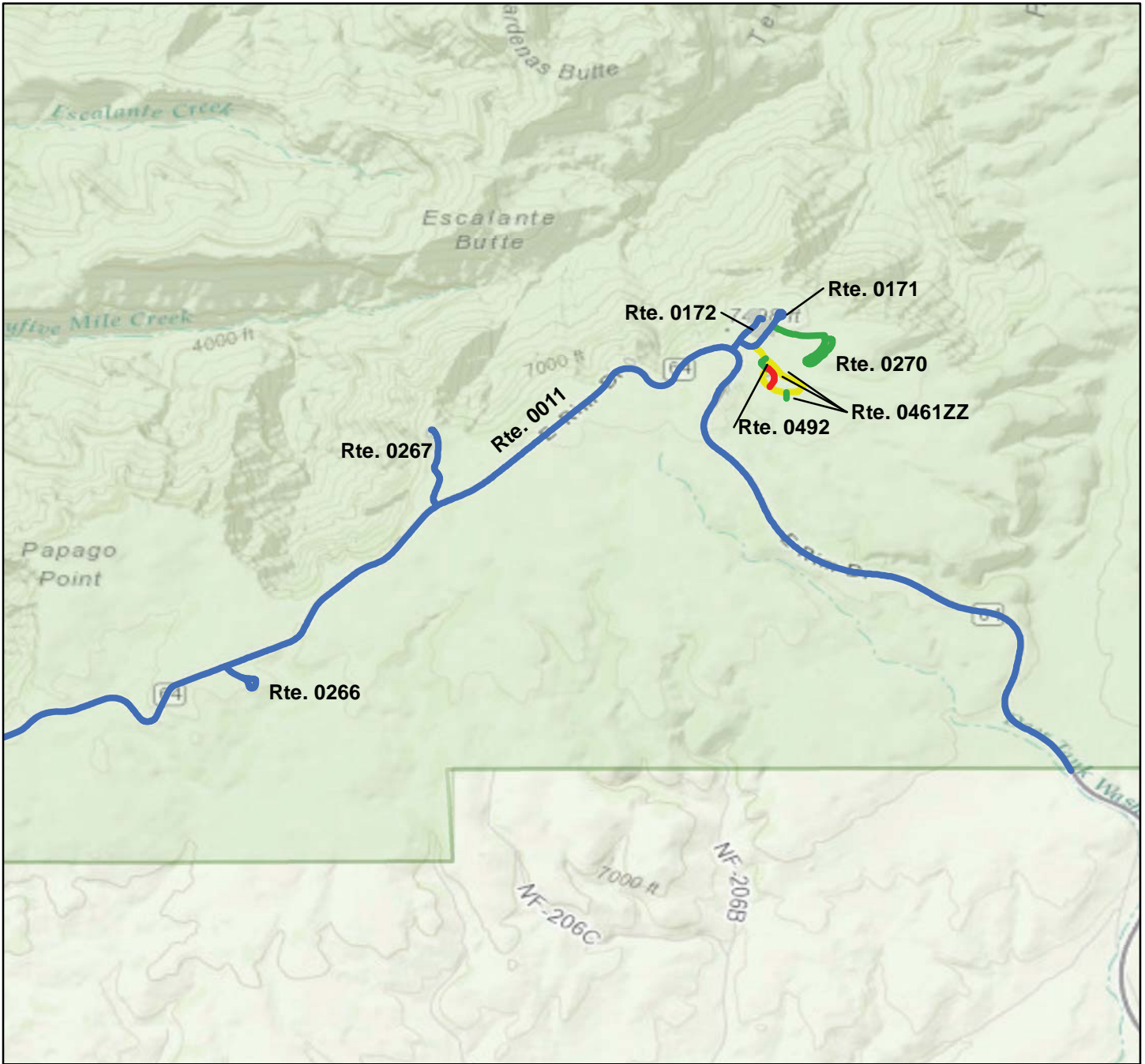


Grand Canyon National Park

ROUTE CONDITION MAP

PCR - MILE BY MILE

Area Map 10

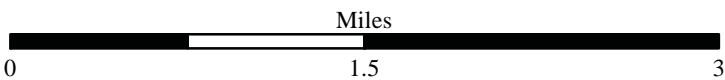


Sources: Esri, HERE, DeLorme, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), swisstopo, MapmyIndia, © OpenStreetMap contributors, and the GIS User Community

Route Condition Legend – Pavement Condition Rating (PCR)

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

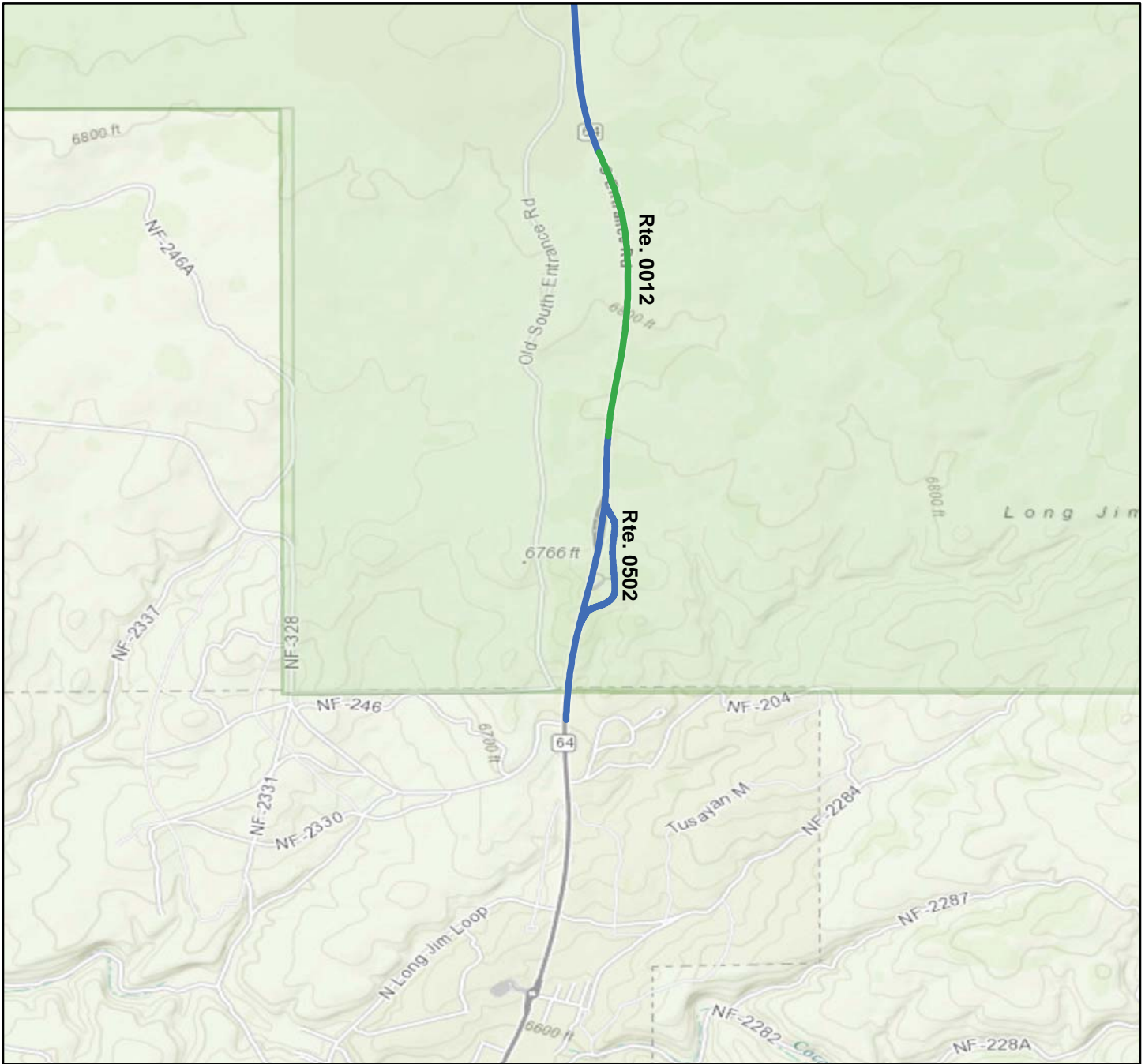


Grand Canyon National Park

ROUTE CONDITION MAP

PCR - MILE BY MILE

Area Map 11

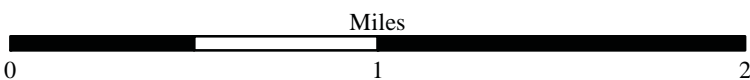


Sources: Esri, DeLorme, NAVTEQ, TomTom, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), swisstopo, and the GIS User Community

Route Condition Legend – 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



Section 5 Paved Road Condition Rating Sheets



Grand Canyon National Park



Federal Lands Highway
Road Inventory Program

Grand Canyon National Park

ROUTE 0010: POINT IMPERIAL ROAD

Data Collection Vehicle (DCV) Rating



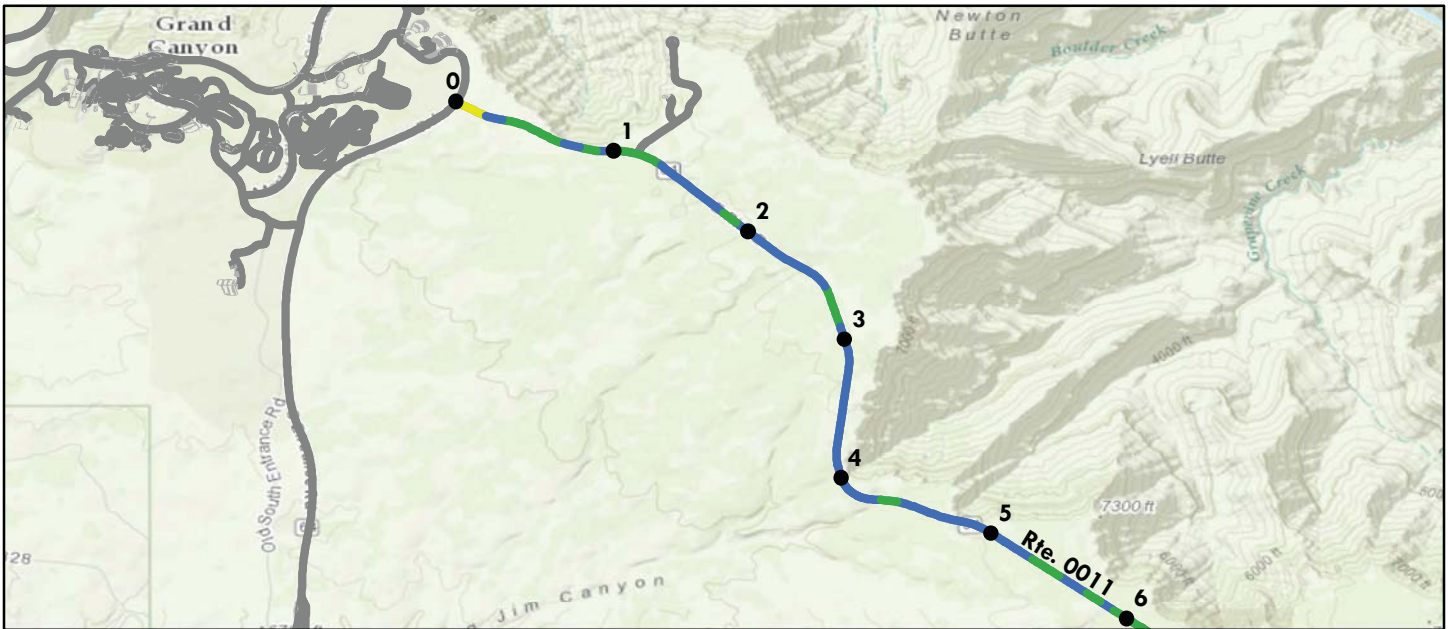
Sources: Esri, DeLorme, NAVTEQ, TomTom, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), swisstopo, and the GIS User Community

Route Condition Legend – 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: 7/7/2016	Beginning Section MP	0	1	2		
Paved Length (Miles): 2.65	Section Length (MI)	1	1	0.65		
Surface Type: ASPHALT	Route Summary					
Roadway Condition Information						
Pavement Condition Rating (PCR)	89	88	91	87		
Surface Condition Rating (SCR)	97	96	97	97		
Roughness Condition Index (RCI)	77	77	82	72		
Distress Index Values						
Structural Crack Index	100	100	100	100		
Alligator Crack Index	100	100	100	100		
Longitudinal Crack Index	100	100	100	100		
Transverse Cracking Index	100	100	100	100		
Patching Index	100	100	100	100		
Rutting Index	97	96	97	97		
International Roughness Index (IRI)	177	179	164	194		
Lane & Width Information						
Number of Lanes	2	2	2	2		
Paved Width (ft)	20.2	19.7	20.4	20.6		
Lane Width (ft)	8.5	8.6	8.4	8.5		

Grand Canyon National Park

ROUTE 0011: DESERT VIEW DRIVE

Data Collection Vehicle (DCV) Rating



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

Route Condition Legend – 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: 7/9/2016	Beginning Section MP	0	1	2	3	4
Paved Length (Miles): 24.85	Section Length (MI)	1	1	1	1	1
Surface Type: ASPHALT	Route Summary					
Roadway Condition Information						
Pavement Condition Rating (PCR)	98	92	96	95	97	98
Surface Condition Rating (SCR)	96	87	93	92	95	97
Roughness Condition Index (RCI)	100	100	100	100	100	100
Distress Index Values						
Structural Crack Index	98	87	93	92	96	97
Alligator Crack Index	100	100	100	100	100	100
Longitudinal Crack Index	98	87	93	92	96	97
Transverse Cracking Index	97	90	96	97	99	97
Patching Index	100	100	100	100	100	100
Rutting Index	96	91	94	97	95	97
International Roughness Index (IRI)	90	113	79	77	88	84
Lane & Width Information						
Number of Lanes	2	2	2	2	2	2
Paved Width (ft)	26.6	26.1	25.8	25.5	25.7	25.8
Lane Width (ft)	10.3	10.5	9.9	10.3	10.3	10.3

Grand Canyon National Park

ROUTE 0011: DESERT VIEW DRIVE

Data Collection Vehicle (DCV) Rating



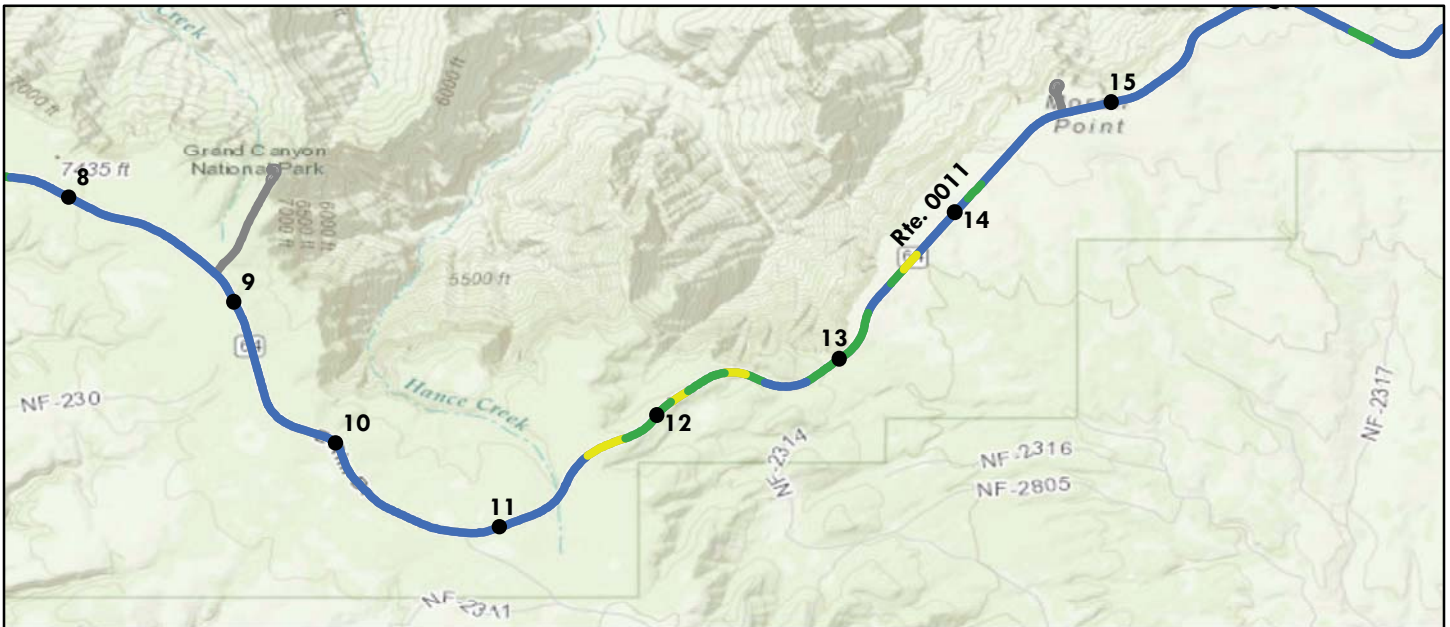
Sources: Esri, DeLorme, NAVTEQ, TomTom, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), swisstopo, and the GIS User Community

Route Condition Legend – 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: 7/9/2016	Beginning Section MP	5	6	7	8	9
Paved Length (Miles): 24.85	Section Length (MI)	1	1	1	1	1
Surface Type: ASPHALT	Route Summary					
Roadway Condition Information						
Pavement Condition Rating (PCR)	98	95	95	93	98	99
Surface Condition Rating (SCR)	96	91	92	91	97	98
Roughness Condition Index (RCI)	100	100	100	96	100	100
Distress Index Values						
Structural Crack Index	98	99	99	99	99	100
Alligator Crack Index	100	100	100	100	100	100
Longitudinal Crack Index	98	99	99	99	99	100
Transverse Cracking Index	97	98	94	97	100	100
Patching Index	100	100	100	100	100	100
Rutting Index	96	91	92	91	97	98
International Roughness Index (IRI)	90	78	109	124	71	77
Lane & Width Information						
Number of Lanes	2	2	2	2	2	2
Paved Width (ft)	26.6	25.8	25.6	25.9	26.4	25.7
Lane Width (ft)	10.3	10.3	10.1	10	10.3	10.4

Grand Canyon National Park

ROUTE 0011: DESERT VIEW DRIVE

Data Collection Vehicle (DCV) Rating



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

Route Condition Legend – 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: 7/9/2016	Beginning Section MP	10	11	12	13	14
Paved Length (Miles): 24.85	Section Length (MI)	1	1	1	1	1
Surface Type: ASPHALT	Route Summary					
Roadway Condition Information						
Pavement Condition Rating (PCR)	98	99	97	89	94	96
Surface Condition Rating (SCR)	96	99	95	90	92	93
Roughness Condition Index (RCI)	100	100	100	87	98	100
Distress Index Values						
Structural Crack Index	98	100	96	95	96	97
Alligator Crack Index	100	100	100	100	100	100
Longitudinal Crack Index	98	100	96	95	96	97
Transverse Cracking Index	97	100	96	90	92	93
Patching Index	100	100	100	100	100	100
Rutting Index	96	99	95	94	96	97
International Roughness Index (IRI)	90	53	105	149	120	91
Lane & Width Information						
Number of Lanes	2	2	2	2	2	2
Paved Width (ft)	26.6	26	27.1	26.8	26.4	26.2
Lane Width (ft)	10.3	10.6	10.3	10.3	10.2	10.2

Grand Canyon National Park

ROUTE 0011: DESERT VIEW DRIVE

Data Collection Vehicle (DCV) Rating



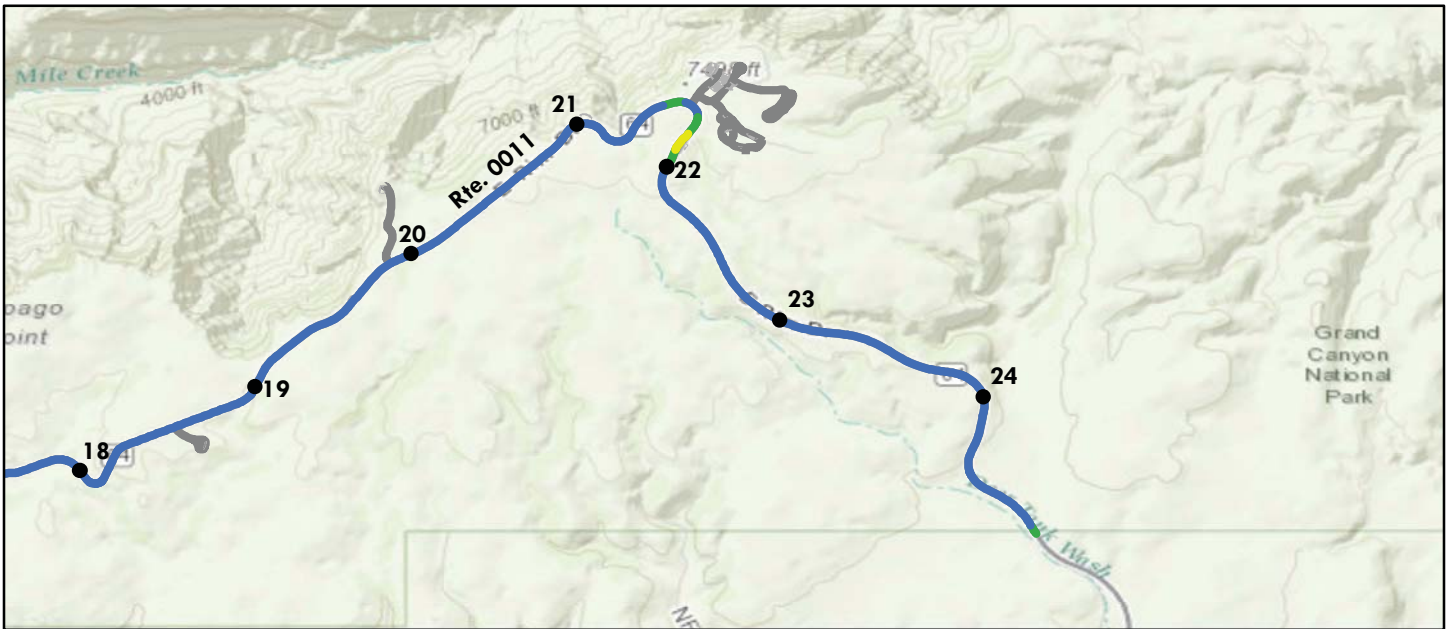
Sources: Esri, DeLorme, NAVTEQ, TomTom, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), swisstopo, and the GIS User Community

Route Condition Legend – 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: 7/9/2016	Beginning Section MP	15	16	17	18	19
Paved Length (Miles): 24.85	Section Length (MI)	1	1	1	1	1
Surface Type: ASPHALT	Route Summary					
Roadway Condition Information						
Pavement Condition Rating (PCR)	98	96	96	96	98	99
Surface Condition Rating (SCR)	96	93	93	93	97	99
Roughness Condition Index (RCI)	100	100	100	100	100	100
Distress Index Values						
Structural Crack Index	98	99	98	99	99	100
Alligator Crack Index	100	100	100	100	100	100
Longitudinal Crack Index	98	99	98	99	99	100
Transverse Cracking Index	97	93	93	93	97	100
Patching Index	100	100	100	100	100	100
Rutting Index	96	97	97	98	98	99
International Roughness Index (IRI)	90	91	101	95	83	65
Lane & Width Information						
Number of Lanes	2	2	2	2	2	2
Paved Width (ft)	26.6	26	25.8	25.8	26.6	27.9
Lane Width (ft)	10.3	10	10.2	10.3	10.3	10.4

Grand Canyon National Park

ROUTE 0011: DESERT VIEW DRIVE

Data Collection Vehicle (DCV) Rating



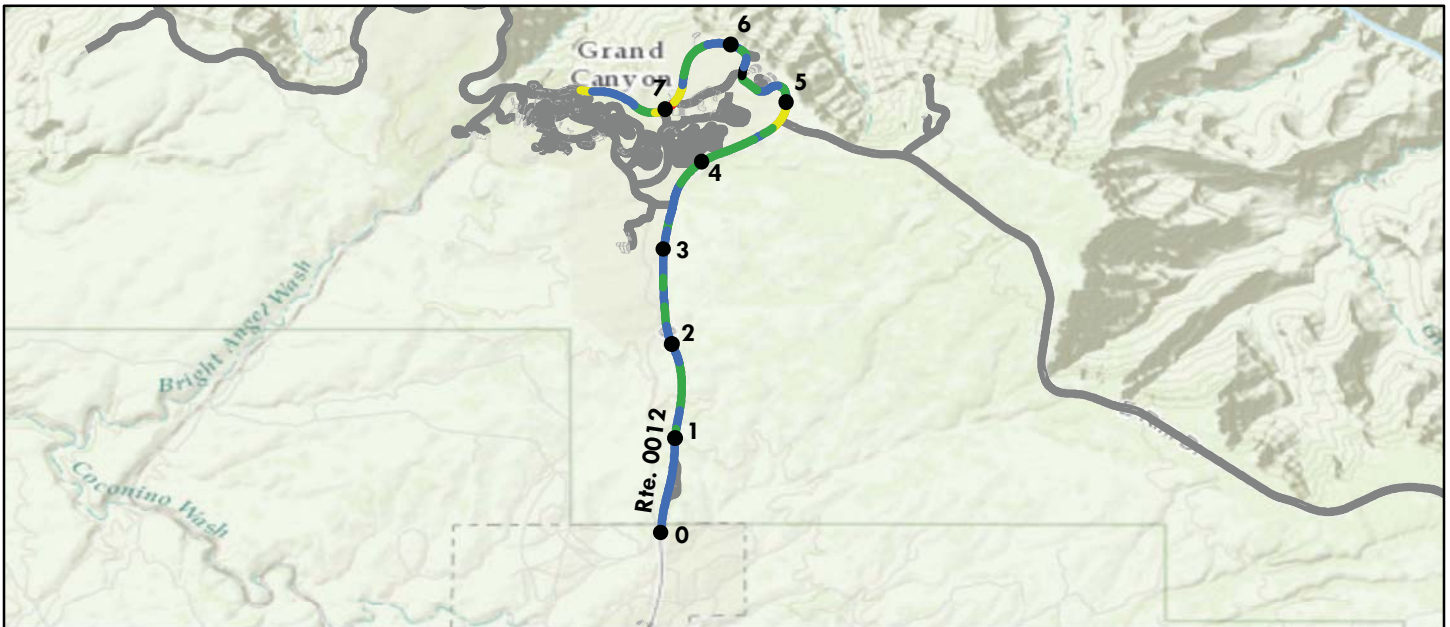
Sources: Esri, DeLorme, NAVTEQ, TomTom, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), swisstopo, and the GIS User Community

Route Condition Legend – 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: 7/9/2016	Beginning Section MP	20	21	22	23	24
Paved Length (Miles): 24.85	Section Length (MI)	1	1	1	1	0.85
Surface Type: ASPHALT	Route Summary					
Roadway Condition Information						
Pavement Condition Rating (PCR)	98	99	97	100	100	100
Surface Condition Rating (SCR)	96	99	96	100	100	100
Roughness Condition Index (RCI)	100	100	99	100	100	100
Distress Index Values						
Structural Crack Index	98	100	99	100	100	100
Alligator Crack Index	100	100	100	100	100	100
Longitudinal Crack Index	98	100	99	100	100	100
Transverse Cracking Index	97	100	100	100	100	100
Patching Index	100	100	100	100	100	100
Rutting Index	96	99	96	100	100	100
International Roughness Index (IRI)	90	72	117	73	64	61
Lane & Width Information						
Number of Lanes	2	2	2	2	2	2
Paved Width (ft)	26.6	26.8	35.9	27	26.5	26.1
Lane Width (ft)	10.3	10.4	11	10.3	10.3	10.3

Grand Canyon National Park

ROUTE 0012: SOUTH ENTRANCE ROAD

Data Collection Vehicle (DCV) Rating



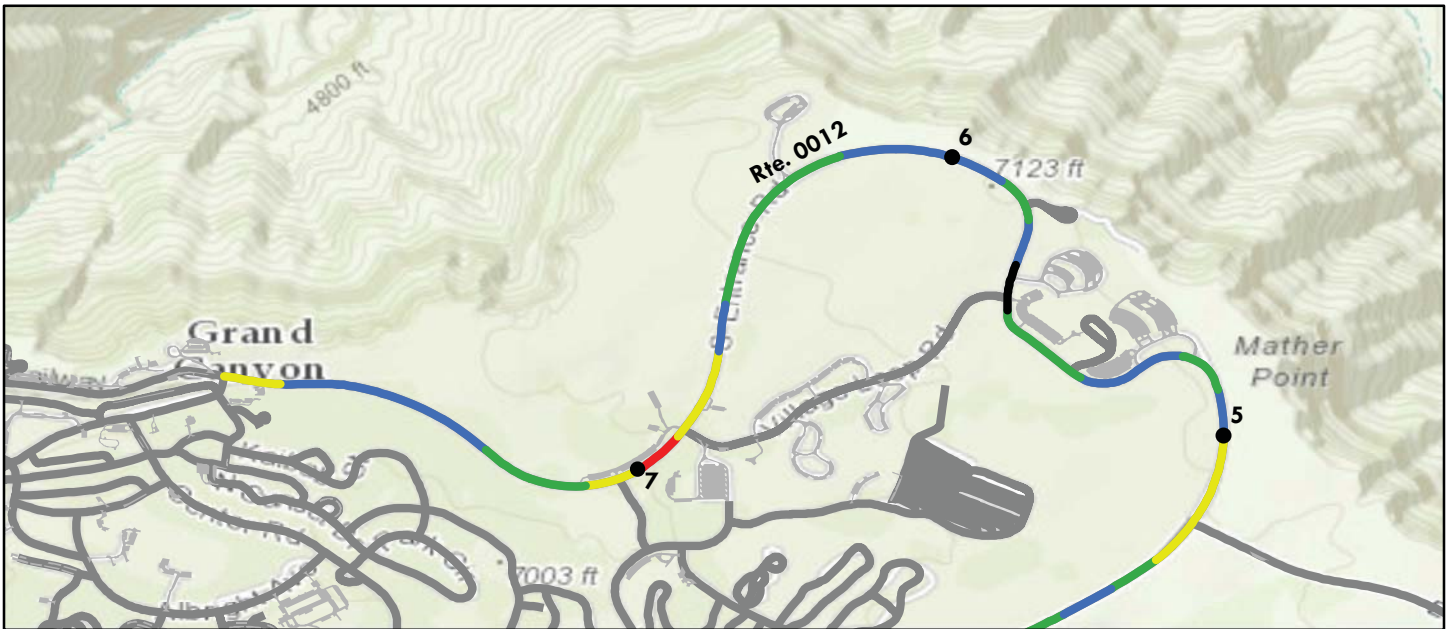
Sources: Esri, DeLorme, NAVTEQ, TomTom, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), swisstopo, and the GIS User Community

Route Condition Legend – 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: 7/8/2016	Beginning Section MP	0	1	2	3	4
Paved Length (Miles): 7.8	Section Length (MI)	1	1	1	1	1
Surface Type: ASPHALT	Route Summary					
Roadway Condition Information						
Pavement Condition Rating (PCR)	95	99	94	95	96	88
Surface Condition Rating (SCR)	92	98	90	92	93	87
Roughness Condition Index (RCI)	100	100	100	100	100	90
Distress Index Values						
Structural Crack Index	98	100	100	100	97	97
Alligator Crack Index	100	100	100	100	100	100
Longitudinal Crack Index	98	100	100	100	97	97
Transverse Cracking Index	98	100	100	100	99	95
Patching Index	100	100	100	100	100	100
Rutting Index	92	98	90	92	93	87
International Roughness Index (IRI)	106	88	64	59	82	141
Lane & Width Information						
Number of Lanes	2	3	2	2	2	2
Paved Width (ft)	33.6	49	30.1	29.9	32.8	32.6
Lane Width (ft)	12.3	14.8	11.5	11.4	11.7	12.2

Grand Canyon National Park

ROUTE 0012: SOUTH ENTRANCE ROAD

Data Collection Vehicle (DCV) Rating



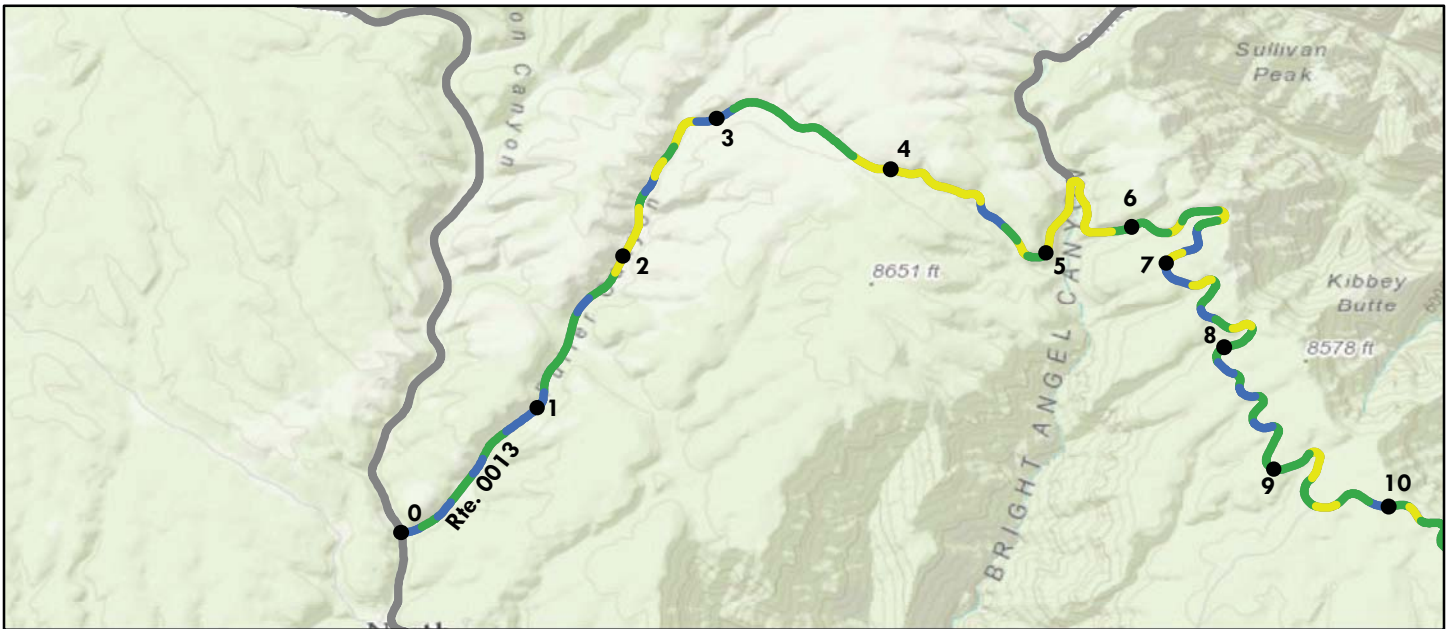
Sources: Esri, DeLorme, NAVTEQ, TomTom, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), swisstopo, and the GIS User Community

Route Condition Legend – 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:	7/8/2016	Beginning Section MP	5	6	7				
Paved Length (Miles):	7.8	Section Length (MI)	1	1	0.8				
Surface Type:	ASPHALT	Route Summary							
Roadway Condition Information									
Pavement Condition Rating (PCR)	95	94	86	92					
Surface Condition Rating (SCR)	92	96	90	90					
Roughness Condition Index (RCI)	100	92	80	95					
Distress Index Values									
Structural Crack Index	98	100	96	97					
Alligator Crack Index	100	100	100	100					
Longitudinal Crack Index	98	100	96	97					
Transverse Cracking Index	98	99	96	94					
Patching Index	100	100	100	100					
Rutting Index	92	96	90	90					
International Roughness Index (IRI)	106	134	168	128					
Lane & Width Information									
Number of Lanes	2	2	2	2					
Paved Width (ft)	33.6	29.4	33.7	30.7					
Lane Width (ft)	12.3	11.5	13.3	11.6					

Grand Canyon National Park

ROUTE 0013: CAPE ROYAL ROAD

Data Collection Vehicle (DCV) Rating



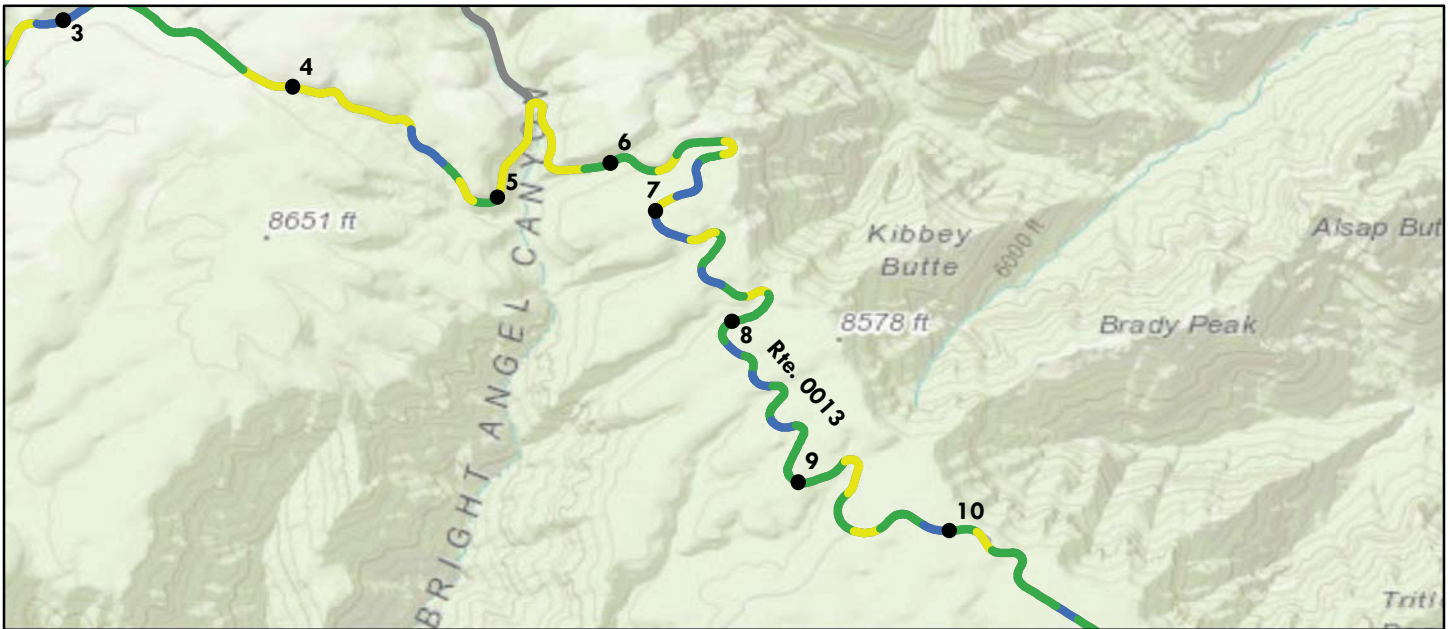
Sources: Esri, DeLorme, NAVTEQ, TomTom, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), swisstopo, and the GIS User Community

Route Condition Legend – 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: 7/7/2016	Beginning Section MP	0	1	2	3	4
Paved Length (Miles): 19.83	Section Length (MI)	1	1	1	1	1
Surface Type: ASPHALT	Route Summary					
Roadway Condition Information						
Pavement Condition Rating (PCR)	90	93	91	88	89	83
Surface Condition Rating (SCR)	98	95	97	95	97	95
Roughness Condition Index (RCI)	79	89	82	77	77	64
Distress Index Values						
Structural Crack Index	99	100	100	95	100	99
Alligator Crack Index	100	100	100	100	100	100
Longitudinal Crack Index	99	100	100	95	100	99
Transverse Cracking Index	100	100	100	100	100	99
Patching Index	100	100	100	100	100	100
Rutting Index	98	95	97	95	97	95
International Roughness Index (IRI)	172	143	164	179	180	222
Lane & Width Information						
Number of Lanes	2	2	2	2	2	2
Paved Width (ft)	19.9	21.2	20.2	20.6	20.8	20.5
Lane Width (ft)	8.4	8.8	8.1	8.5	8.8	8.9

Grand Canyon National Park

ROUTE 0013: CAPE ROYAL ROAD

Data Collection Vehicle (DCV) Rating



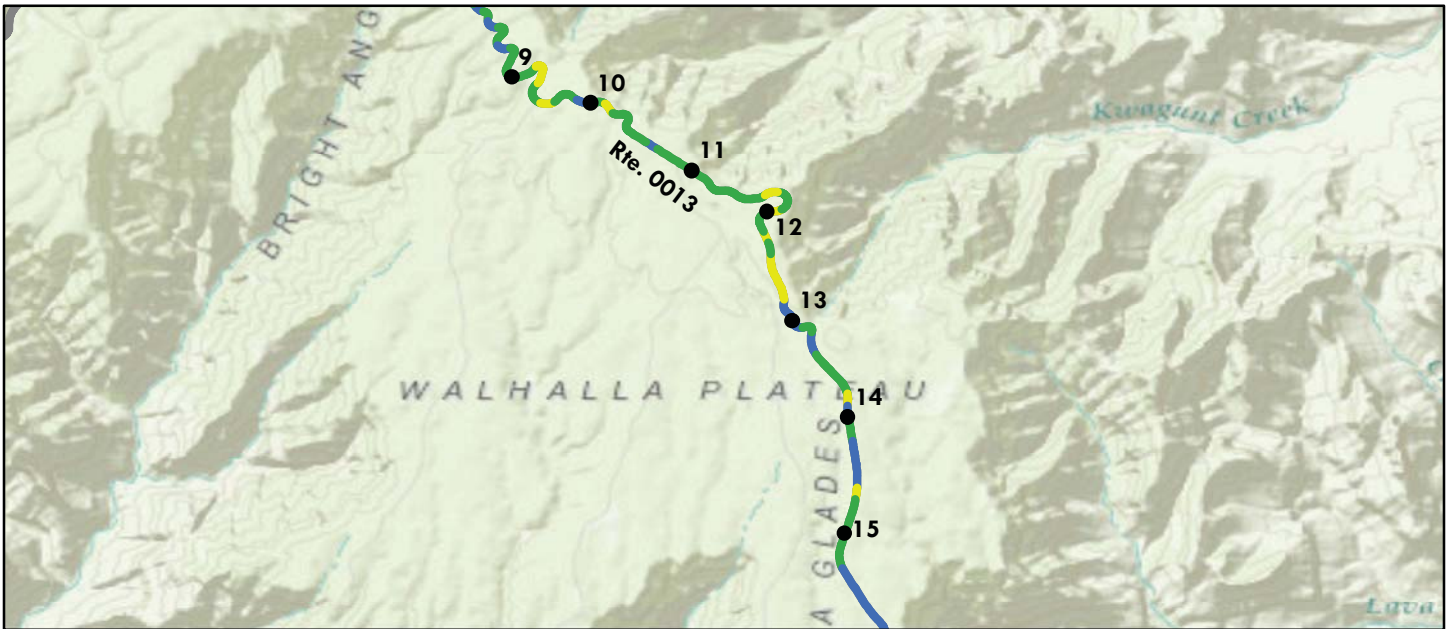
Sources: Esri, DeLorme, NAVTEQ, TomTom, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), swisstopo, and the GIS User Community

Route Condition Legend – 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: 7/7/2016	Beginning Section MP	5	6	7	8	9
Paved Length (Miles): 19.83	Section Length (MI)	1	1	1	1	1
Surface Type: ASPHALT	Route Summary					
Roadway Condition Information						
Pavement Condition Rating (PCR)	90	80	88	91	92	87
Surface Condition Rating (SCR)	98	95	97	98	98	96
Roughness Condition Index (RCI)	79	57	75	81	84	74
Distress Index Values						
Structural Crack Index	99	98	100	100	100	100
Alligator Crack Index	100	100	100	100	100	100
Longitudinal Crack Index	99	98	100	100	100	100
Transverse Cracking Index	100	99	100	99	100	100
Patching Index	100	100	100	100	100	100
Rutting Index	98	95	97	98	98	96
International Roughness Index (IRI)	172	252	186	167	156	187
Lane & Width Information						
Number of Lanes	2	2	2	2	2	2
Paved Width (ft)	19.9	19.9	19.5	19.9	19.2	19.6
Lane Width (ft)	8.4	8.5	8.3	8.9	8.2	8.2

Grand Canyon National Park

ROUTE 0013: CAPE ROYAL ROAD

Data Collection Vehicle (DCV) Rating



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

Route Condition Legend – 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: 7/7/2016	Beginning Section MP	10	11	12	13	14
Paved Length (Miles): 19.83	Section Length (MI)	1	1	1	1	1
Surface Type: ASPHALT	Route Summary					
Roadway Condition Information						
Pavement Condition Rating (PCR)	90	89	87	86	92	93
Surface Condition Rating (SCR)	98	98	97	98	99	99
Roughness Condition Index (RCI)	79	75	72	67	82	83
Distress Index Values						
Structural Crack Index	99	100	100	99	100	100
Alligator Crack Index	100	100	100	100	100	100
Longitudinal Crack Index	99	100	100	99	100	100
Transverse Cracking Index	100	100	99	98	100	100
Patching Index	100	100	100	100	99	99
Rutting Index	98	98	97	98	100	100
International Roughness Index (IRI)	172	186	194	212	163	161
Lane & Width Information						
Number of Lanes	2	2	2	2	2	2
Paved Width (ft)	19.9	19.7	20.1	19.8	19.6	19.6
Lane Width (ft)	8.4	8.3	8.2	8.5	8.3	8.3

Grand Canyon National Park

ROUTE 0013: CAPE ROYAL ROAD

Data Collection Vehicle (DCV) Rating



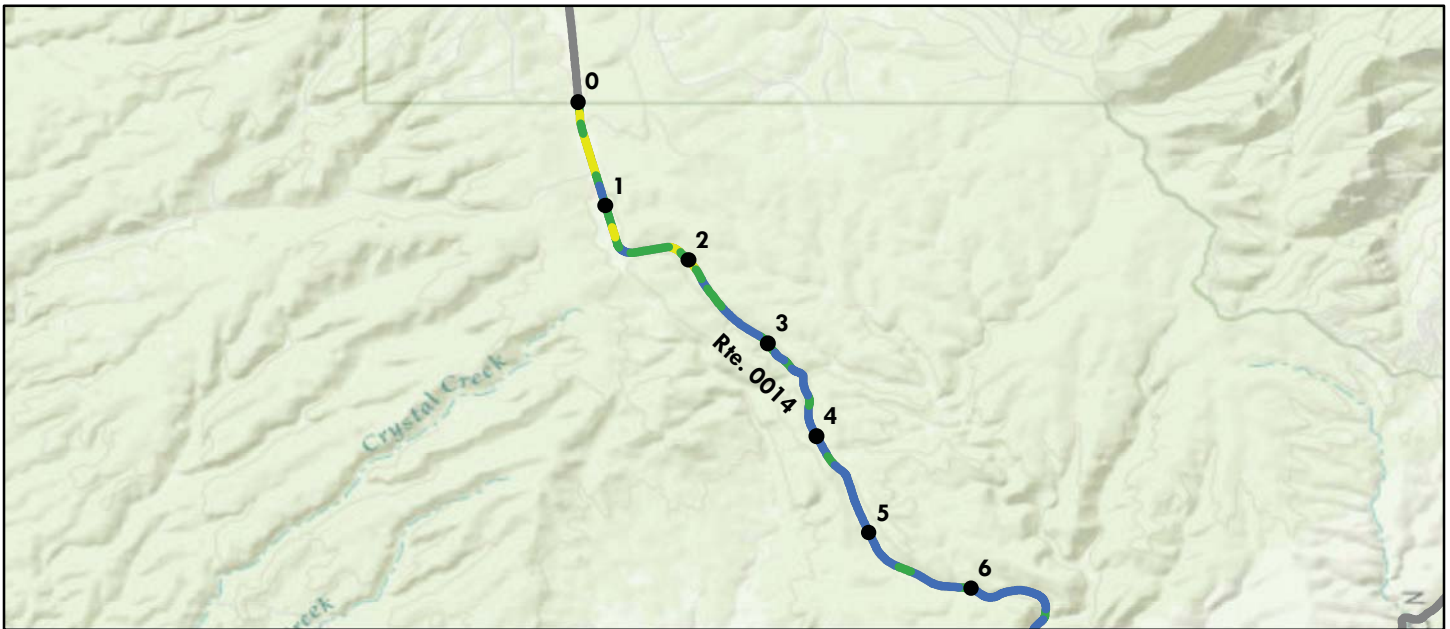
Sources: Esri, DeLorme, NAVTEQ, TomTom, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), swisstopo, and the GIS User Community

Route Condition Legend – 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: 7/7/2016	Beginning Section MP	15	16	17	18	19
Paved Length (Miles): 19.83	Section Length (MI)	1	1	1	1	0.83
Surface Type: ASPHALT	Route Summary					
Roadway Condition Information						
Pavement Condition Rating (PCR)	90	97	97	98	96	90
Surface Condition Rating (SCR)	98	100	100	100	98	94
Roughness Condition Index (RCI)	79	93	93	96	92	84
Distress Index Values						
Structural Crack Index	99	100	100	100	100	100
Alligator Crack Index	100	100	100	100	100	100
Longitudinal Crack Index	99	100	100	100	100	100
Transverse Cracking Index	100	100	100	100	100	100
Patching Index	100	100	100	100	100	94
Rutting Index	98	100	100	100	98	99
International Roughness Index (IRI)	172	132	134	125	136	156
Lane & Width Information						
Number of Lanes	2	2	2	2	2	2
Paved Width (ft)	19.9	19.8	19.2	19.6	19.9	18.6
Lane Width (ft)	8.4	8.3	8.3	8.4	8.6	8

Grand Canyon National Park

ROUTE 0014: NORTH ENTRANCE ROAD (HWY 67)

Data Collection Vehicle (DCV) Rating



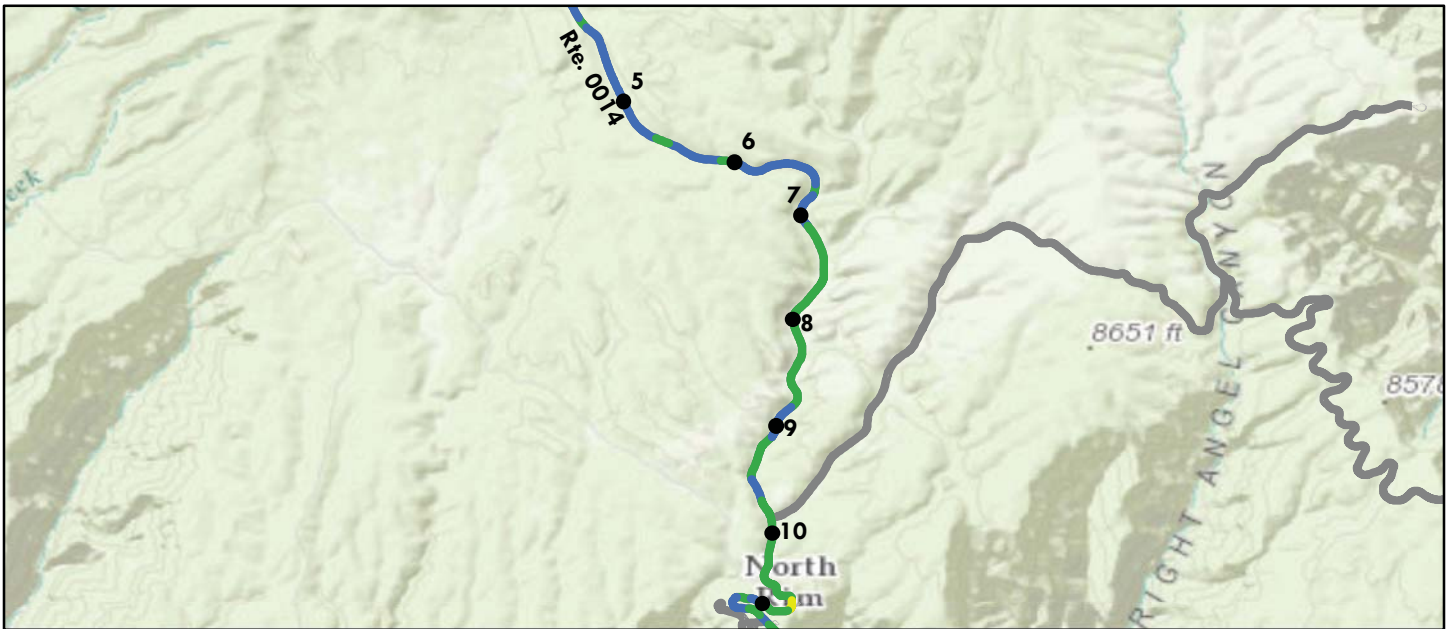
Sources: Esri, DeLorme, NAVTEQ, TomTom, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), swisstopo, and the GIS User Community

Route Condition Legend – 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: 7/7/2016	Beginning Section MP	0	1	2	3	4
Paved Length (Miles): 12.84	Section Length (MI)	1	1	1	1	1
Surface Type: ASPHALT	Route Summary					
Roadway Condition Information						
Pavement Condition Rating (PCR)	94	83	89	95	96	97
Surface Condition Rating (SCR)	91	87	89	91	94	95
Roughness Condition Index (RCI)	99	78	88	100	100	100
Distress Index Values						
Structural Crack Index	98	98	95	98	99	99
Alligator Crack Index	100	100	100	100	100	100
Longitudinal Crack Index	98	98	95	98	99	99
Transverse Cracking Index	98	94	95	98	99	100
Patching Index	100	100	100	100	100	100
Rutting Index	91	87	89	91	94	95
International Roughness Index (IRI)	116	174	146	104	113	105
Lane & Width Information						
Number of Lanes	2	2	2	2	2	2
Paved Width (ft)	26.3	27.9	25.3	24.3	26.4	24.5
Lane Width (ft)	10.2	11.2	9.8	9.5	10	9.4

Grand Canyon National Park

ROUTE 0014: NORTH ENTRANCE ROAD (HWY 67)

Data Collection Vehicle (DCV) Rating



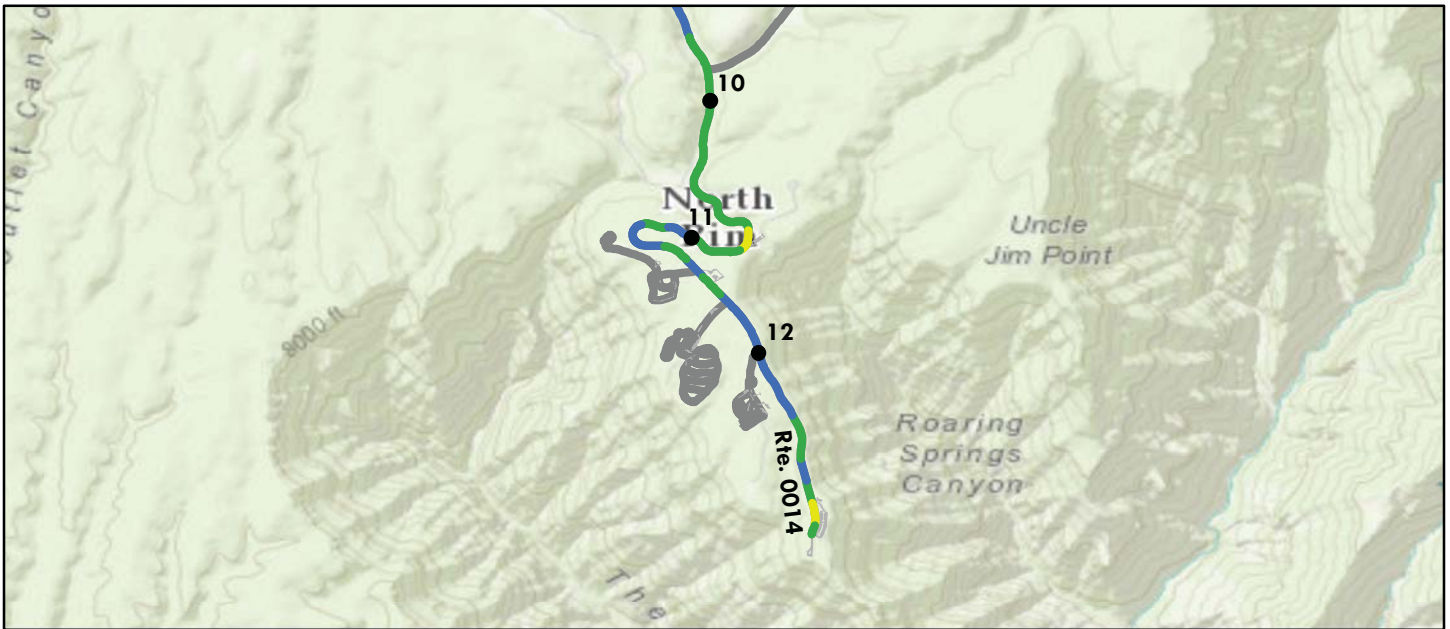
Sources: Esri, DeLorme, NAVTEQ, TomTom, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), swisstopo, and the GIS User Community

Route Condition Legend – 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: 7/7/2016	Beginning Section MP	5	6	7	8	9
Paved Length (Miles): 12.84	Section Length (MI)	1	1	1	1	1
Surface Type: ASPHALT	Route Summary					
Roadway Condition Information						
Pavement Condition Rating (PCR)	94	95	97	90	92	93
Surface Condition Rating (SCR)	91	92	95	89	87	89
Roughness Condition Index (RCI)	99	100	100	92	100	100
Distress Index Values						
Structural Crack Index	98	100	99	94	97	99
Alligator Crack Index	100	100	100	100	100	100
Longitudinal Crack Index	98	100	99	94	97	99
Transverse Cracking Index	98	99	99	94	96	99
Patching Index	100	100	100	100	100	100
Rutting Index	91	92	95	89	87	89
International Roughness Index (IRI)	116	82	85	134	111	95
Lane & Width Information						
Number of Lanes	2	2	2	2	2	2
Paved Width (ft)	26.3	25.9	28.3	26.5	26.5	27
Lane Width (ft)	10.2	9.8	10.7	11.2	10.3	10.3

Grand Canyon National Park

ROUTE 0014: NORTH ENTRANCE ROAD (HWY 67)

Data Collection Vehicle (DCV) Rating



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

Route Condition Legend – 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: 7/7/2016	Beginning Section MP	10	11	12		
Paved Length (Miles): 12.84	Section Length (MI)	1	1	0.84		
Surface Type: ASPHALT	Route Summary					
Roadway Condition Information						
Pavement Condition Rating (PCR)	94	91	96	90		
Surface Condition Rating (SCR)	91	89	93	92		
Roughness Condition Index (RCI)	99	95	100	88		
Distress Index Values						
Structural Crack Index	98	99	99	100		
Alligator Crack Index	100	100	100	100		
Longitudinal Crack Index	98	99	99	100		
Transverse Cracking Index	98	99	100	100		
Patching Index	100	100	100	100		
Rutting Index	91	89	93	92		
International Roughness Index (IRI)	116	126	99	146		
Lane & Width Information						
Number of Lanes	2	2	2	2		
Paved Width (ft)	26.3	26.3	26.7	26.4		
Lane Width (ft)	10.2	10.1	10.2	10.4		

Grand Canyon National Park

ROUTE 0015: HERMIT REST ROAD

Data Collection Vehicle (DCV) Rating



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

Route Condition Legend – 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: 7/8/2016	Beginning Section MP	0	1	2	3	4
Paved Length (Miles): 7.04	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	98	98	99	99	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	100
Rutting Index	99	98	98	99	99	99
International Roughness Index (IRI)	79	102	80	80	72	66
Lane & Width Information						
Number of Lanes	2	2	2	2	2	2
Paved Width (ft)	24.3	25.1	24.2	24.1	24	24.4
Lane Width (ft)	10.2	11.1	10	10.1	10.1	10.1

Grand Canyon National Park

ROUTE 0015: HERMIT REST ROAD

Data Collection Vehicle (DCV) Rating



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

Route Condition Legend – 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: 7/8/2016	Beginning Section MP	5	6	7		
Paved Length (Miles): 7.04	Section Length (MI)	1	1	0.04		
Surface Type: ASPHALT	Route Summary					
Roadway Condition Information						
Pavement Condition Rating (PCR)	99	99	99	96		
Surface Condition Rating (SCR)	99	99	99	94		
Roughness Condition Index (RCI)	100	100	100	100		
Distress Index Values						
Structural Crack Index	100	100	100	100		
Alligator Crack Index	100	100	100	100		
Longitudinal Crack Index	100	100	100	100		
Transverse Cracking Index	100	100	100	100		
Patching Index	100	100	100	100		
Rutting Index	99	99	99	94		
International Roughness Index (IRI)	79	76	74	113		
Lane & Width Information						
Number of Lanes	2	2	2	2		
Paved Width (ft)	24.3	24	24.1	23.2		
Lane Width (ft)	10.2	10	10.1	10.9		

Grand Canyon National Park

ROUTE 0016: CENTER ROAD

Data Collection Vehicle (DCV) Rating



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

Route Condition Legend – 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: 7/8/2016	Beginning Section MP	0	1			
Paved Length (Miles): 1.61	Section Length (MI)	1	0.61			
Surface Type: ASPHALT	Route Summary					
Roadway Condition Information						
Pavement Condition Rating (PCR)	95	96	93			
Surface Condition Rating (SCR)	95	95	93			
Roughness Condition Index (RCI)	96	98	93			
Distress Index Values						
Structural Crack Index	99	99	100			
Alligator Crack Index	100	100	100			
Longitudinal Crack Index	99	99	100			
Transverse Cracking Index	96	95	98			
Patching Index	100	100	100			
Rutting Index	95	97	93			
International Roughness Index (IRI)	124	119	132			
Lane & Width Information						
Number of Lanes	2	2	2			
Paved Width (ft)	23.4	23.1	23.9			
Lane Width (ft)	10.1	10.1	9.9			

Grand Canyon National Park

ROUTE 0017: MARKET PLAZA ROAD

Data Collection Vehicle (DCV) Rating



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

Route Condition Legend – 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: 7/9/2016	Beginning Section MP	0	1			
Paved Length (Miles): 1.04	Section Length (MI)	1	0.04			
Surface Type: ASPHALT	Route Summary					
Roadway Condition Information						
Pavement Condition Rating (PCR)	98	98	96			
Surface Condition Rating (SCR)	97	97	94			
Roughness Condition Index (RCI)	100	100	100			
Distress Index Values						
Structural Crack Index	97	97	98			
Alligator Crack Index	100	100	100			
Longitudinal Crack Index	97	97	98			
Transverse Cracking Index	98	98	99			
Patching Index	100	100	100			
Rutting Index	98	98	94			
International Roughness Index (IRI)	105	105	104			
Lane & Width Information						
Number of Lanes	2	2	2			
Paved Width (ft)	27.5	27.5	26.8			
Lane Width (ft)	11.7	11.7	11.7			

Grand Canyon National Park

ROUTE 0160: ROWE WELL ROAD

Data Collection Vehicle (DCV) Rating



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

Route Condition Legend – 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: 7/8/2016	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)	76	76				
Surface Condition Rating (SCR)	94	94				
Roughness Condition Index (RCI)	50	50				
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	94	94				
International Roughness Index (IRI)	284	284				
Lane & Width Information						
Number of Lanes	2	2				
Paved Width (ft)	20.9	20.9				
Lane Width (ft)	10.2	10.2				

Grand Canyon National Park

ROUTE 0167: PIMA POINT ROAD

Data Collection Vehicle (DCV) Rating



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

Route Condition Legend – 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: 7/8/2016	Beginning Section MP	0				
Paved Length (Miles): 0.47	Section Length (MI)	0.47				
Surface Type: ASPHALT	Route Summary					
Roadway Condition Information						
Pavement Condition Rating (PCR)	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	99	99				
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)	26.6	26.6				
Lane Width (ft)	16.5	16.5				

Grand Canyon National Park

ROUTE 0168: MOHAVE POINT ROAD

Data Collection Vehicle (DCV) Rating



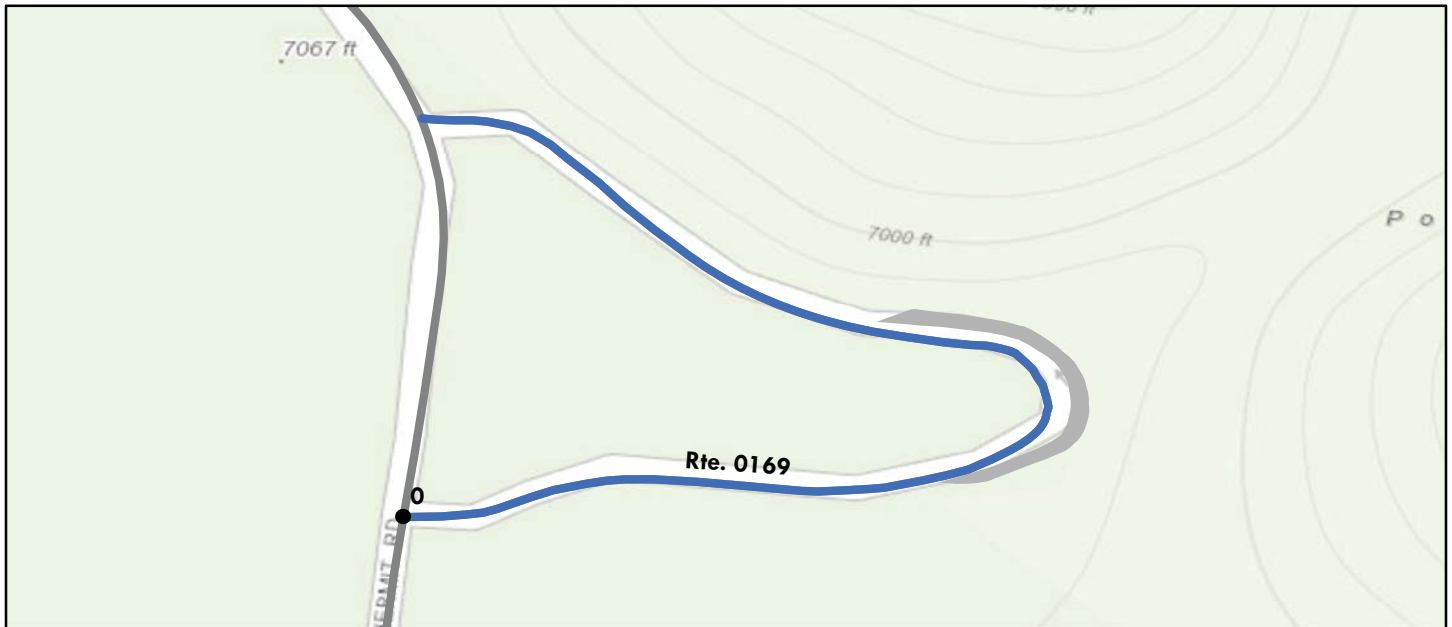
Sources: Esri, DeLorme, NAVTEQ, TomTom, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), swisstopo, and the GIS User Community

Route Condition Legend – 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: 7/8/2016	Beginning Section MP	0				
Paved Length (Miles): 0.22	Section Length (MI)	0.22				
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	94	94				
Alligator Crack Index	95	95				
Longitudinal Crack Index	99	99				
Transverse Cracking Index	92	92				
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)	23.6	23.6				
Lane Width (ft)	23.6	23.6				

Grand Canyon National Park

ROUTE 0169: POWELL MEMORIAL ROAD

Data Collection Vehicle (DCV) Rating



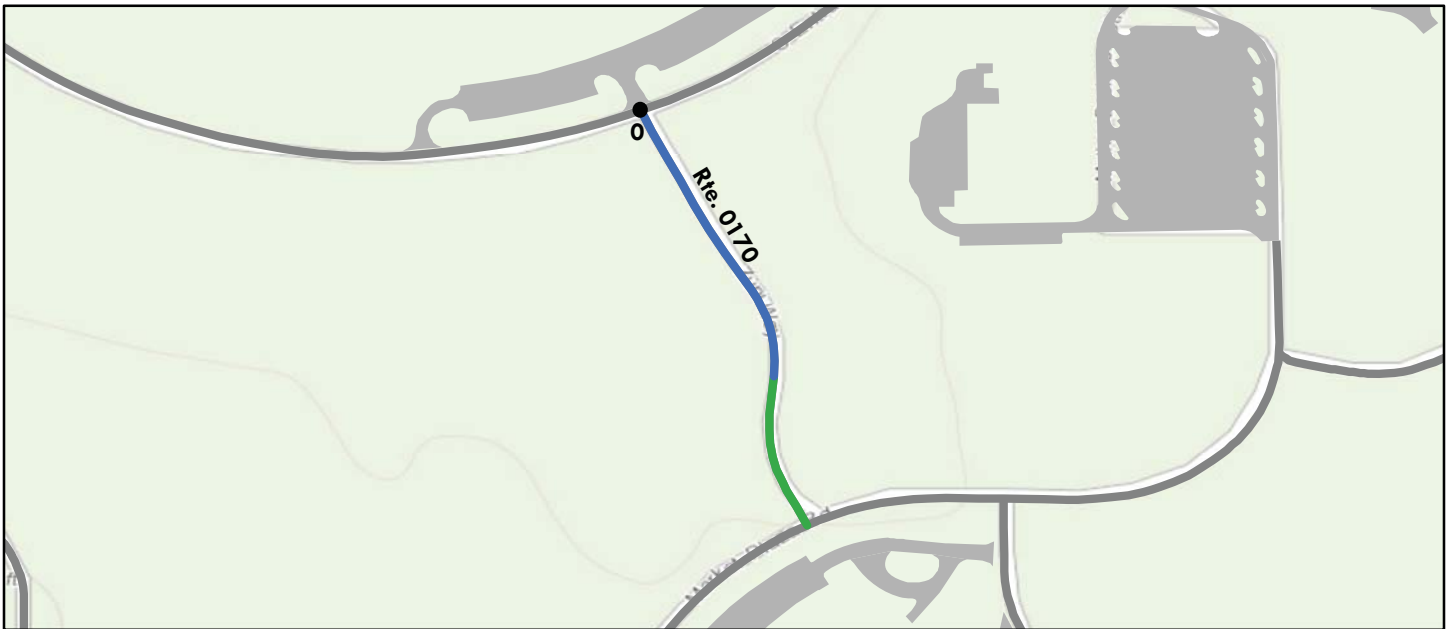
Sources: Esri, DeLorme, NAVTEQ, TomTom, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), swisstopo, and the GIS User Community

Route Condition Legend – 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: 7/8/2016	Beginning Section MP	0				
Paved Length (Miles): 0.19	Section Length (MI)	0.19				
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	99	99				
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)	21.2	21.2				
Lane Width (ft)	21.2	21.2				

Grand Canyon National Park

ROUTE 0170: ZUNI WAY

Data Collection Vehicle (DCV) Rating



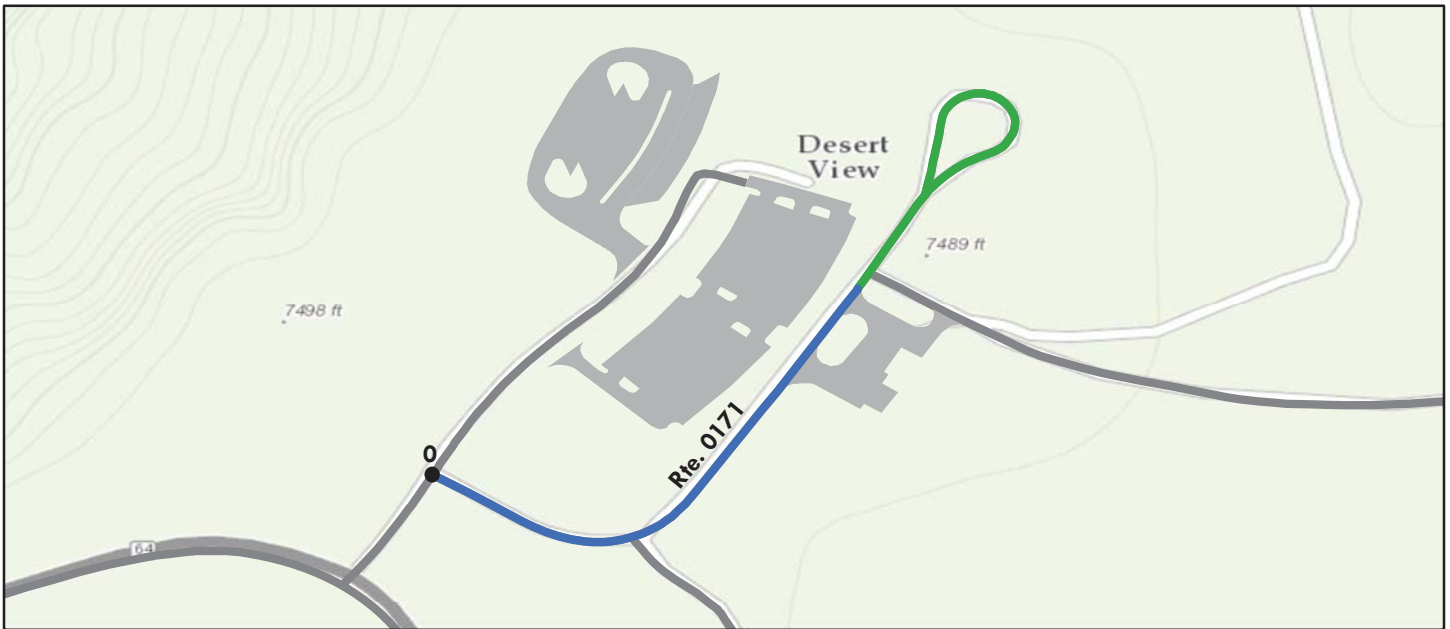
Sources: Esri, DeLorme, NAVTEQ, TomTom, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), swisstopo, and the GIS User Community

Route Condition Legend – 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: 7/9/2016	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)	92	92				
Surface Condition Rating (SCR)	92	92				
Roughness Condition Index (RCI)	N/A	N/A				
Distress Index Values						
Structural Crack Index	97	97				
Alligator Crack Index	99	99				
Longitudinal Crack Index	98	98				
Transverse Cracking Index	98	98				
Patching Index	100	100				
Rutting Index	92	92				
International Roughness Index (IRI)	N/A	N/A				
Lane & Width Information						
Number of Lanes	2	2				
Paved Width (ft)	30.1	30.1				
Lane Width (ft)	12.3	12.3				

Grand Canyon National Park

ROUTE 0171: DESERT VIEW GAS STATION ACCESS ROAD

Data Collection Vehicle (DCV) Rating



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

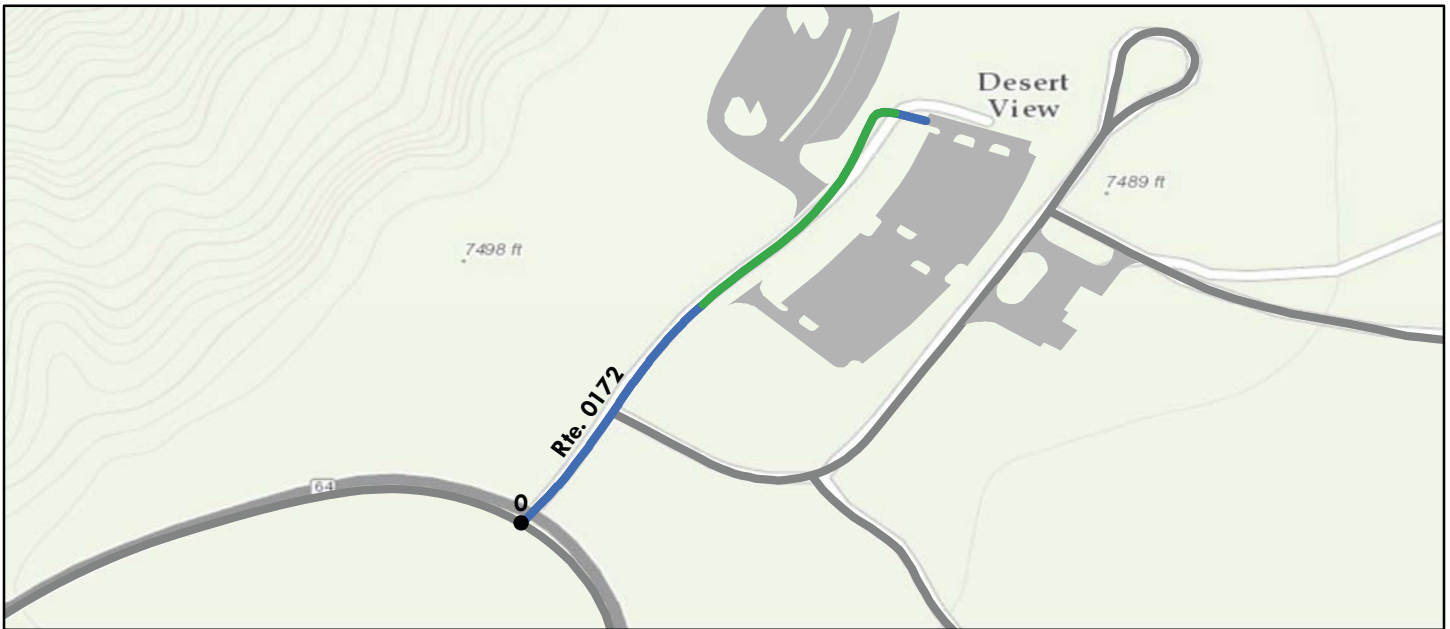
Route Condition Legend – Pavement Condition Rating (PCR)						
Poor (0 - 60)	Fair (61- 84)	Good (85 - 94)	Excellent (95 - 100)	Not Rated		
See Appendix for definitions and formulas						
Inspection Date: 7/9/2016	Beginning Section MP	0				
Paved Length (Miles): 0.35	Section Length (MI)	0.35				
Surface Type: ASPHALT	Route Summary					
Roadway Condition Information						
Pavement Condition Rating (PCR)	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)	25.5	25.5				
Lane Width (ft)	12	12				

A manual condition rating was applied to the concrete sections of this route.

Grand Canyon National Park

ROUTE 0172: DESERT VIEW ACCESS ROAD

Data Collection Vehicle (DCV) Rating



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

Route Condition Legend – 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: 7/9/2016	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)	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	3	3				
Paved Width (ft)	35.7	35.7				
Lane Width (ft)	11.2	11.2				

Grand Canyon National Park

ROUTE 0201: NORTH RIM CAMPGROUND ROAD

Data Collection Vehicle (DCV) Rating



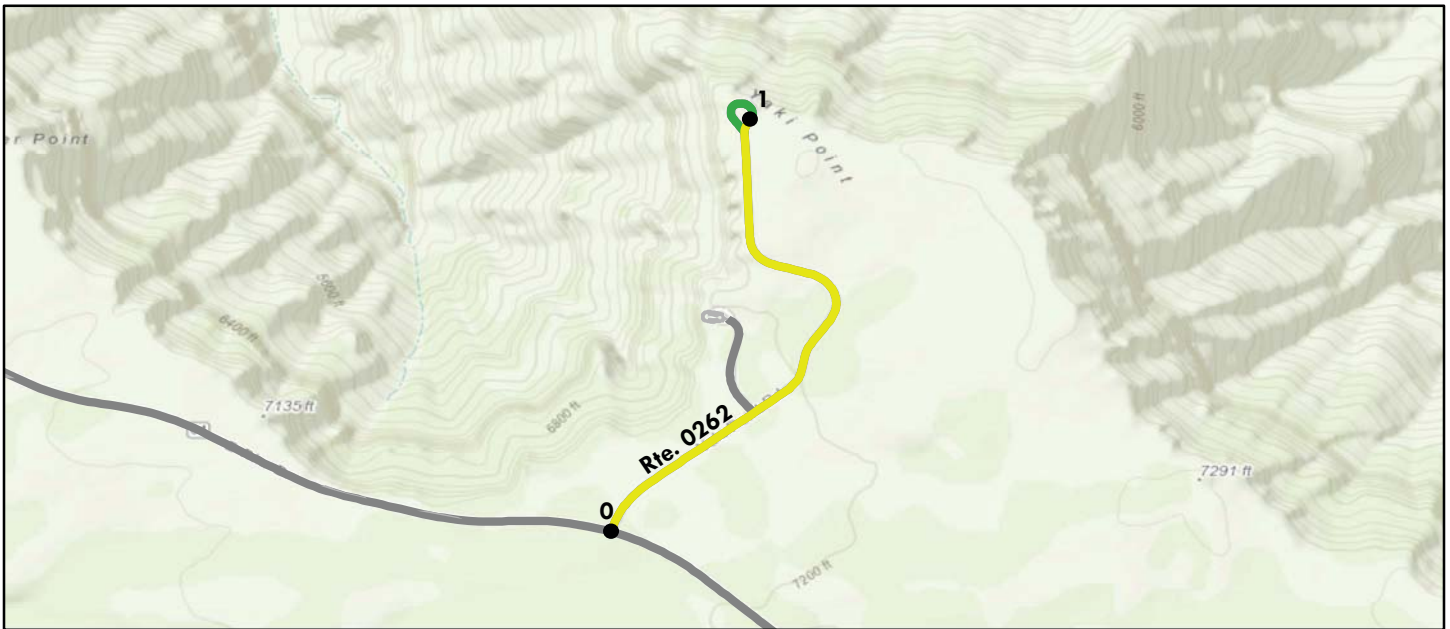
Sources: Esri, DeLorme, NAVTEQ, TomTom, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), swisstopo, and the GIS User Community

Route Condition Legend – 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: 7/7/2016	Beginning Section MP	0				
Paved Length (Miles): 0.26	Section Length (MI)	0.26				
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	91	91				
Patching Index	98	98				
Rutting Index	94	94				
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)	10.9	10.9				

Grand Canyon National Park

ROUTE 0262: YAKI POINT ROAD

Data Collection Vehicle (DCV) Rating



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

Route Condition Legend – 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: 7/9/2016	Beginning Section MP	0	1			
Paved Length (Miles): 1.1	Section Length (MI)	1	0.1			
Surface Type: ASPHALT	Route Summary					
Roadway Condition Information						
Pavement Condition Rating (PCR)	68	68	90			
Surface Condition Rating (SCR)	88	87	90			
Roughness Condition Index (RCI)	39	39	N/A			
Distress Index Values						
Structural Crack Index	96	97	93			
Alligator Crack Index	100	100	100			
Longitudinal Crack Index	96	97	93			
Transverse Cracking Index	95	95	92			
Patching Index	88	87	95			
Rutting Index	91	91	90			
International Roughness Index (IRI)	345	345	N/A			
Lane & Width Information						
Number of Lanes	2	2	1			
Paved Width (ft)	21.7	21.8	20.5			
Lane Width (ft)	11.5	10.6	20.5			

Grand Canyon National Park

ROUTE 0263: KAIBAB TRAIL ACCESS ROAD

Data Collection Vehicle (DCV) Rating



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

Route Condition Legend – 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: 7/9/2016	Beginning Section MP	0				
Paved Length (Miles): 0.2	Section Length (MI)	0.2				
Surface Type: ASPHALT	Route Summary					
Roadway Condition Information						
Pavement Condition Rating (PCR)	80	80				
Surface Condition Rating (SCR)	80	80				
Roughness Condition Index (RCI)	N/A	N/A				
Distress Index Values						
Structural Crack Index	93	93				
Alligator Crack Index	100	100				
Longitudinal Crack Index	93	93				
Transverse Cracking Index	98	98				
Patching Index	80	80				
Rutting Index	89	89				
International Roughness Index (IRI)	N/A	N/A				
Lane & Width Information						
Number of Lanes	2	2				
Paved Width (ft)	21.3	21.3				
Lane Width (ft)	10.1	10.1				

Grand Canyon National Park

ROUTE 0264: GRANDVIEW POINT ROAD

Data Collection Vehicle (DCV) Rating



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

Route Condition Legend – 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: 7/9/2016	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)	79	79				
Surface Condition Rating (SCR)	85	85				
Roughness Condition Index (RCI)	70	70				
Distress Index Values						
Structural Crack Index	97	97				
Alligator Crack Index	100	100				
Longitudinal Crack Index	97	97				
Transverse Cracking Index	85	85				
Patching Index	100	100				
Rutting Index	97	97				
International Roughness Index (IRI)	202	202				
Lane & Width Information						
Number of Lanes	2	2				
Paved Width (ft)	21.6	21.6				
Lane Width (ft)	10.7	10.7				

Grand Canyon National Park

ROUTE 0265: MORAN POINT ROAD

Data Collection Vehicle (DCV) Rating



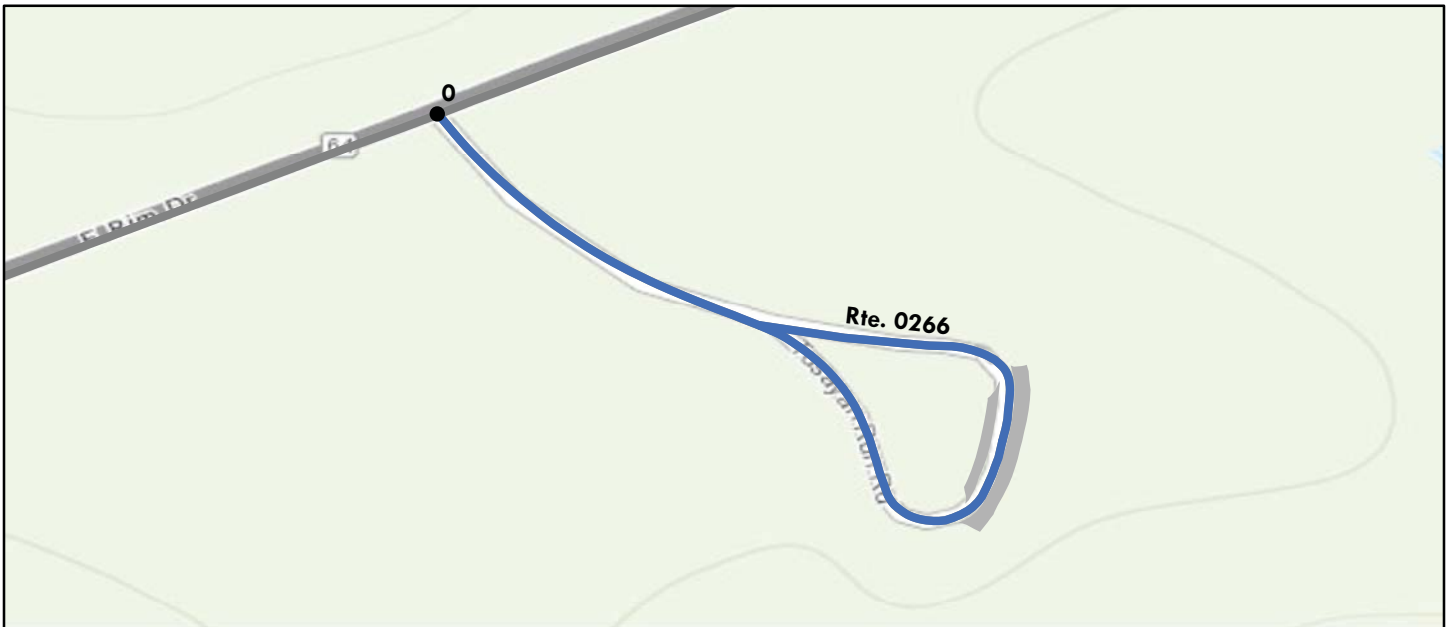
Sources: Esri, DeLorme, NAVTEQ, TomTom, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), swisstopo, and the GIS User Community

Route Condition Legend – 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: 7/9/2016	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)	94	94				
Surface Condition Rating (SCR)	94	94				
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	94	94				
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)	19.1	19.1				
Lane Width (ft)	10.5	10.5				

Grand Canyon National Park

ROUTE 0266: TUSAYAN RUIN ROAD

Data Collection Vehicle (DCV) Rating



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

Route Condition Legend – 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: 7/9/2016	Beginning Section MP	0				
Paved Length (Miles): 0.27	Section Length (MI)	0.27				
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	1	1				
Paved Width (ft)	17.5	17.5				
Lane Width (ft)	13.3	13.3				

Grand Canyon National Park

ROUTE 0267: LIPAN POINT ROAD

Data Collection Vehicle (DCV) Rating



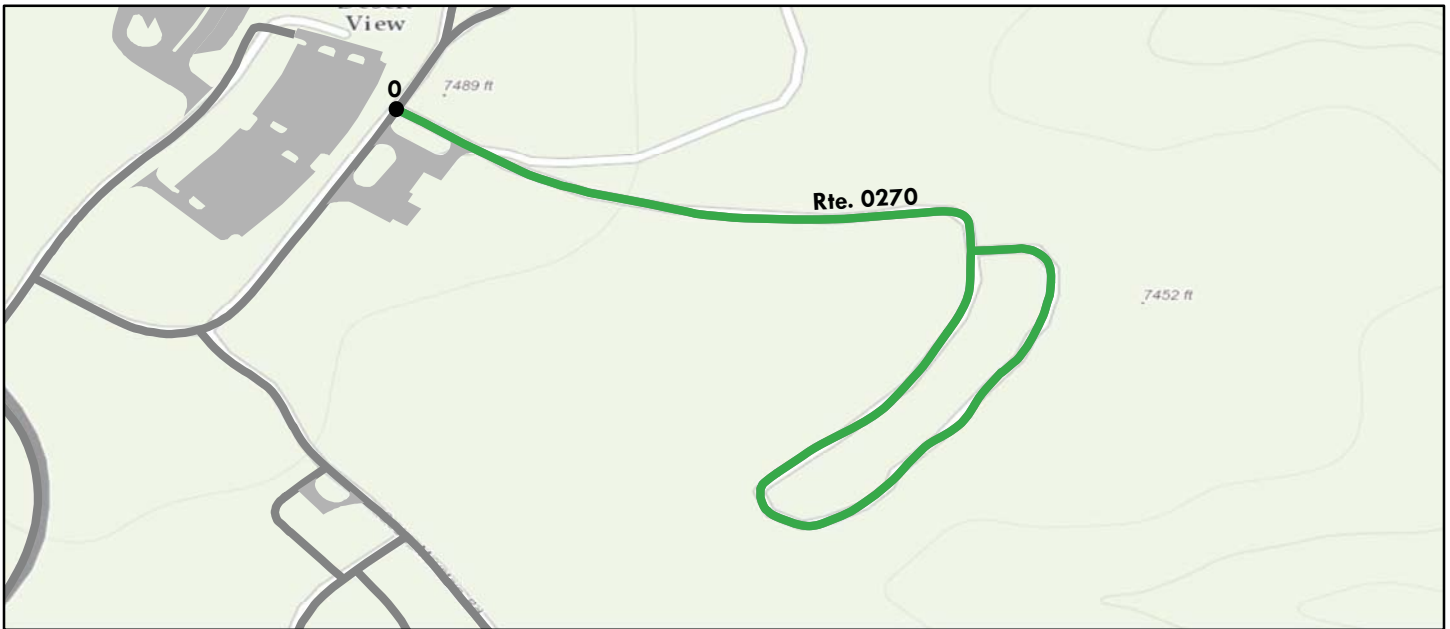
Sources: Esri, DeLorme, NAVTEQ, TomTom, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), swisstopo, and the GIS User Community

Route Condition Legend – 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: 7/9/2016	Beginning Section MP	0				
Paved Length (Miles): 0.44	Section Length (MI)	0.44				
Surface Type: ASPHALT	Route Summary					
Roadway Condition Information						
Pavement Condition Rating (PCR)	98	98				
Surface Condition Rating (SCR)	98	98				
Roughness Condition Index (RCI)	N/A	N/A				
Distress Index Values						
Structural Crack Index	100	100				
Alligator Crack Index	100	100				
Longitudinal Crack Index	100	100				
Transverse Cracking Index	100	100				
Patching Index	100	100				
Rutting Index	98	98				
International Roughness Index (IRI)	N/A	N/A				
Lane & Width Information						
Number of Lanes	2	2				
Paved Width (ft)	24.4	24.4				
Lane Width (ft)	10.4	10.4				

Grand Canyon National Park

ROUTE 0270: DESERT VIEW CAMPGROUND

Data Collection Vehicle (DCV) Rating



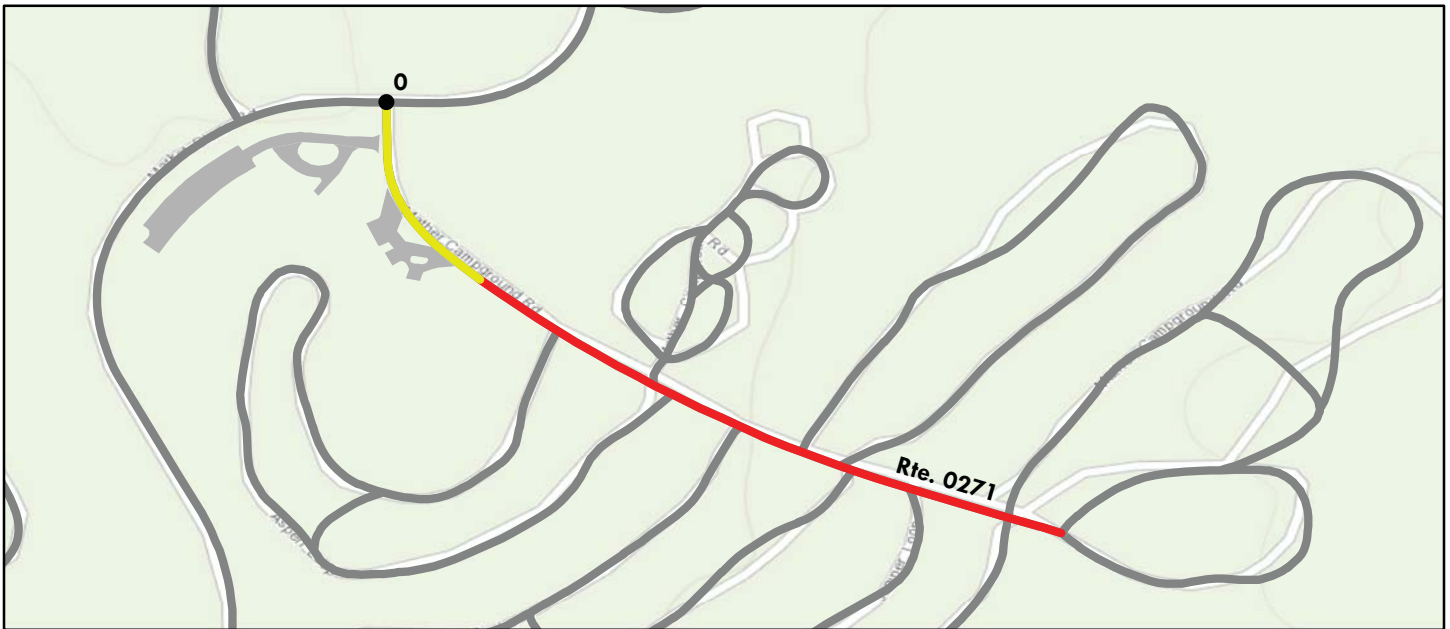
Sources: Esri, DeLorme, NAVTEQ, TomTom, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), swisstopo, and the GIS User Community

Route Condition Legend – 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: 7/9/2016	Beginning Section MP	0				
Paved Length (Miles): 0.64	Section Length (MI)	0.64				
Surface Type: ASPHALT	Route Summary					
Roadway Condition Information						
Pavement Condition Rating (PCR)	91	91				
Surface Condition Rating (SCR)	91	91				
Roughness Condition Index (RCI)	N/A	N/A				
Distress Index Values						
Structural Crack Index	94	94				
Alligator Crack Index	100	100				
Longitudinal Crack Index	94	94				
Transverse Cracking Index	94	94				
Patching Index	100	100				
Rutting Index	91	91				
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)	11.9	11.9				

Grand Canyon National Park

ROUTE 0271: MATHER CAMPGROUND ACCESS ROAD

Data Collection Vehicle (DCV) Rating



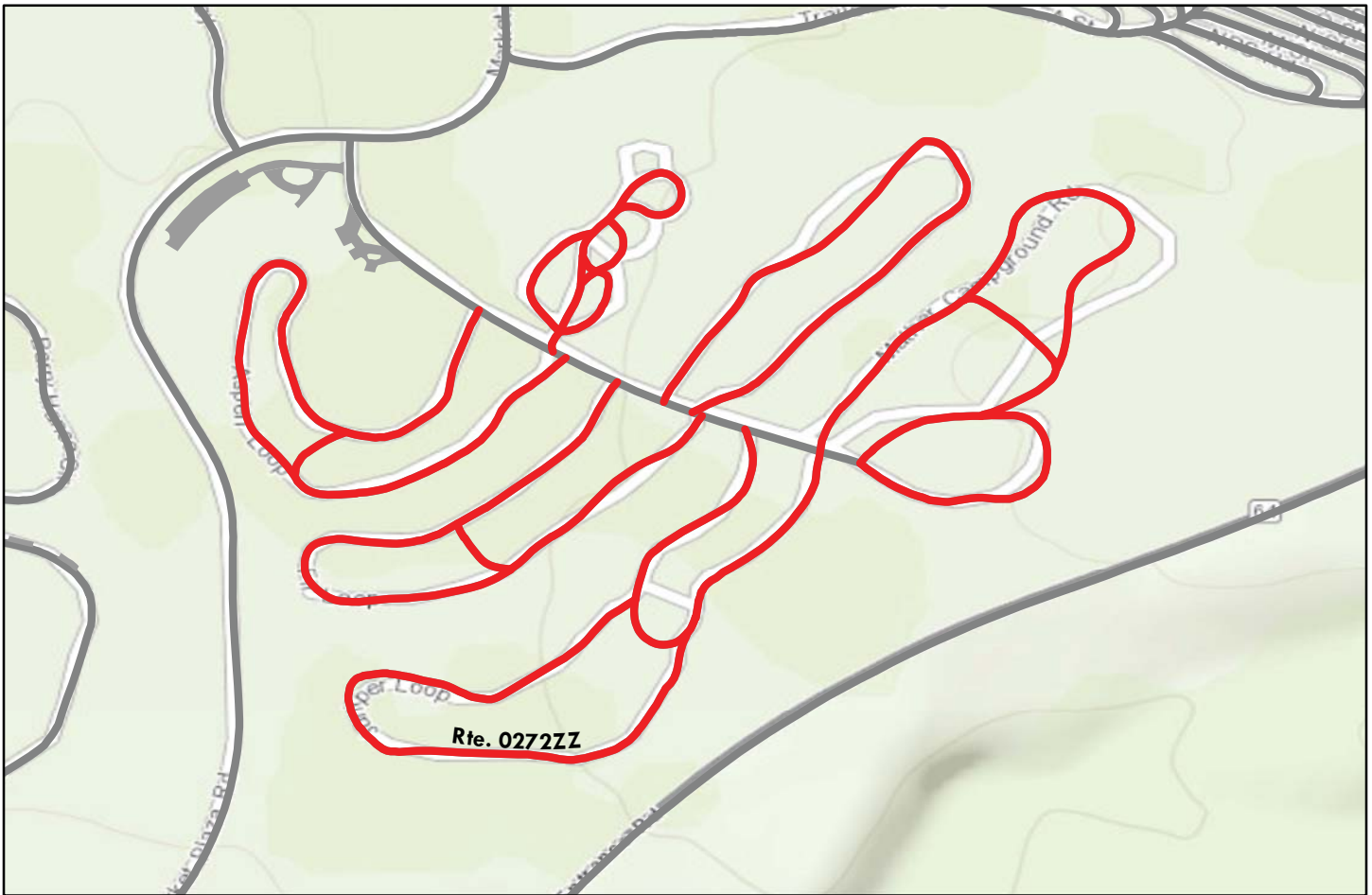
Sources: Esri, DeLorme, NAVTEQ, TomTom, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), swisstopo, and the GIS User Community

Route Condition Legend – 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: 7/9/2016	Beginning Section MP	0				
Paved Length (Miles): 0.37	Section Length (MI)	0.37				
Surface Type: ASPHALT	Route Summary					
Roadway Condition Information						
Pavement Condition Rating (PCR)	2	2				
Surface Condition Rating (SCR)	2	2				
Roughness Condition Index (RCI)	N/A	N/A				
Distress Index Values						
Structural Crack Index	2	2				
Alligator Crack Index	75	75				
Longitudinal Crack Index	27	27				
Transverse Cracking Index	24	24				
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)	24.9	24.9				
Lane Width (ft)	12.2	12.2				

Grand Canyon National Park

ROUTE 0272ZZ: MATHER CAMPGROUND ROADS

Summary Route



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

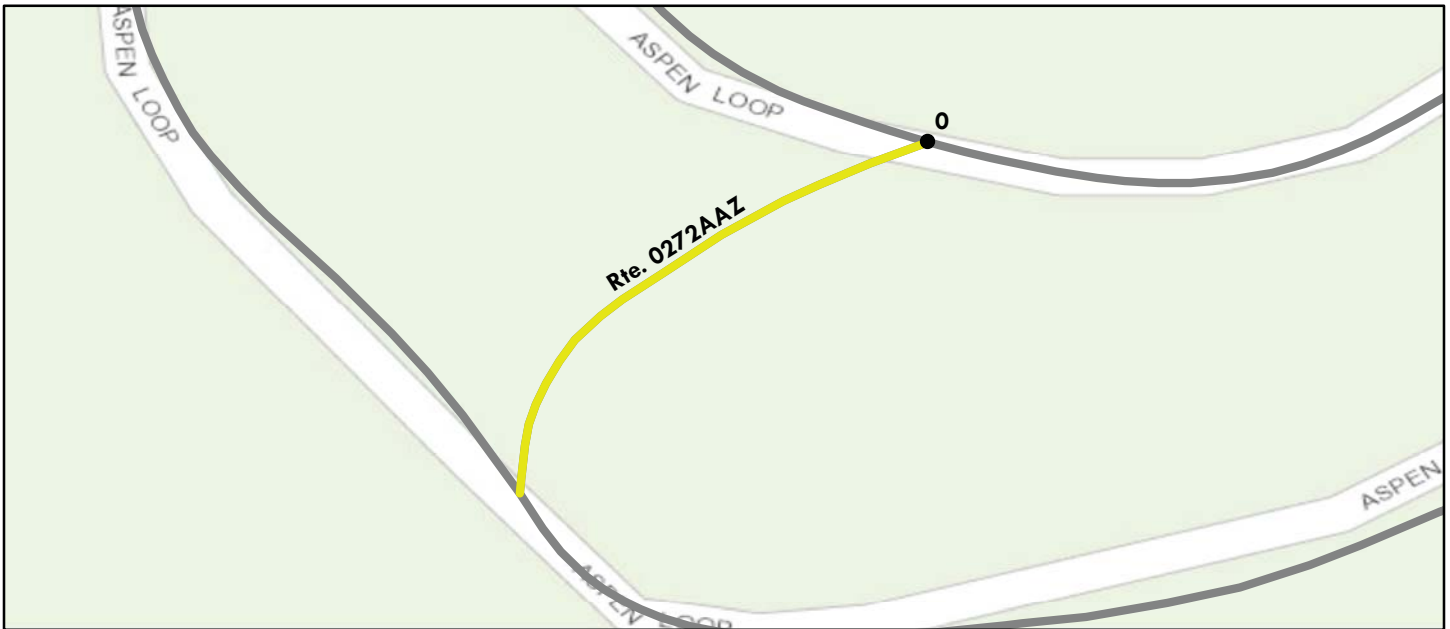
Note: The weighted average summary PCR value is calculated from only the sections of road where the PCR was collected. The overall PCR for the summary route may not reflect individual subcomponent ratings.

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:	7/9/2016					
Paved Length (Miles):	3.53					
Surface Type:	ASPHALT	Route Summary				
Roadway Condition Information						
Pavement Condition Rating (PCR)	25					
Lane & Width Information						
Number of Lanes	1					
Paved Width (ft)	11.3					
Lane Width (ft)	11.3					

Grand Canyon National Park

ROUTE 0272AAZ: MATHER CAMPGROUND ASPEN LOOP CUT THRU

Subcomponent of Route GRCA-0272ZZZ
Data Collection Vehicle (DCV) Rating



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

Route Condition Legend – Pavement Condition Rating (PCR)

Poor (0 - 60)

Fair (61- 84)

Good (85 - 94)

Excellent (95 - 100)

Not Rated

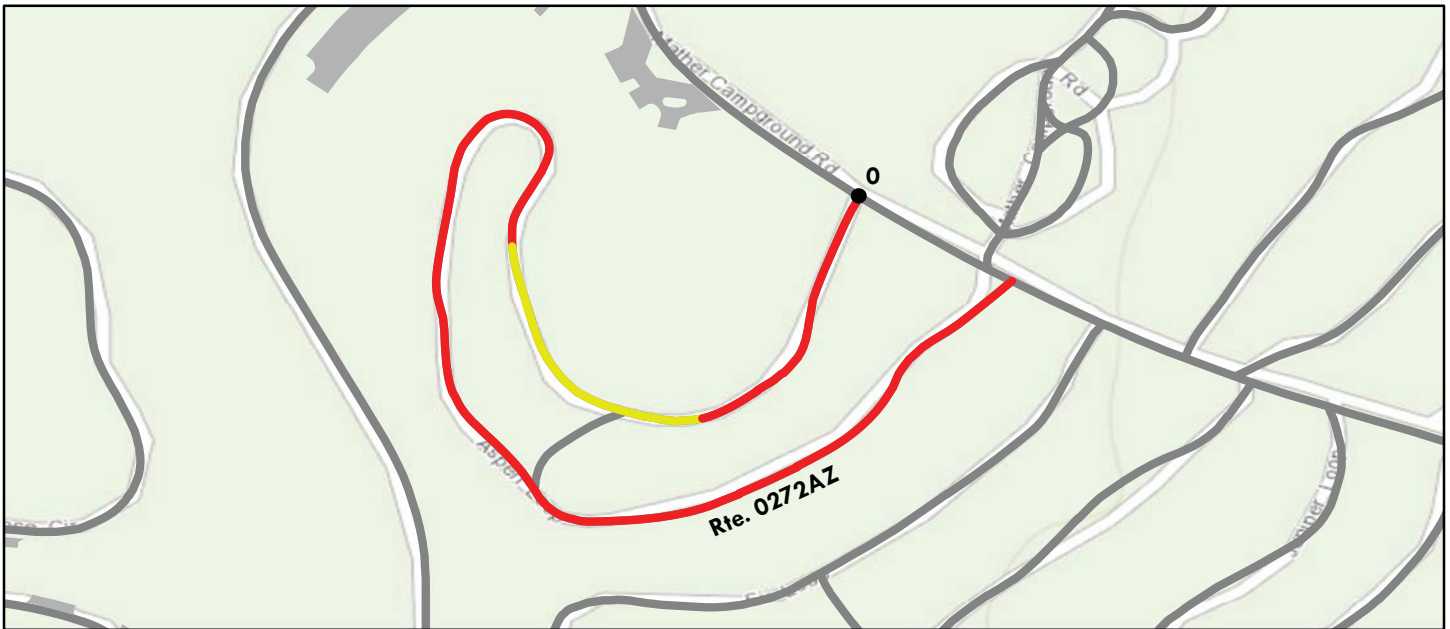
See Appendix for definitions and formulas

Inspection Date: 7/9/2016	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)	67	67				
Surface Condition Rating (SCR)	67	67				
Roughness Condition Index (RCI)	N/A	N/A				
Distress Index Values						
Structural Crack Index	82	82				
Alligator Crack Index	100	100				
Longitudinal Crack Index	82	82				
Transverse Cracking Index	67	67				
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)	10.2	10.2				
Lane Width (ft)	10.2	10.2				

Grand Canyon National Park

ROUTE 0272AZ: MATHER CAMPGROUND ASPEN LOOP

Subcomponent of Route GRCA-0272ZZ
Data Collection Vehicle (DCV) Rating



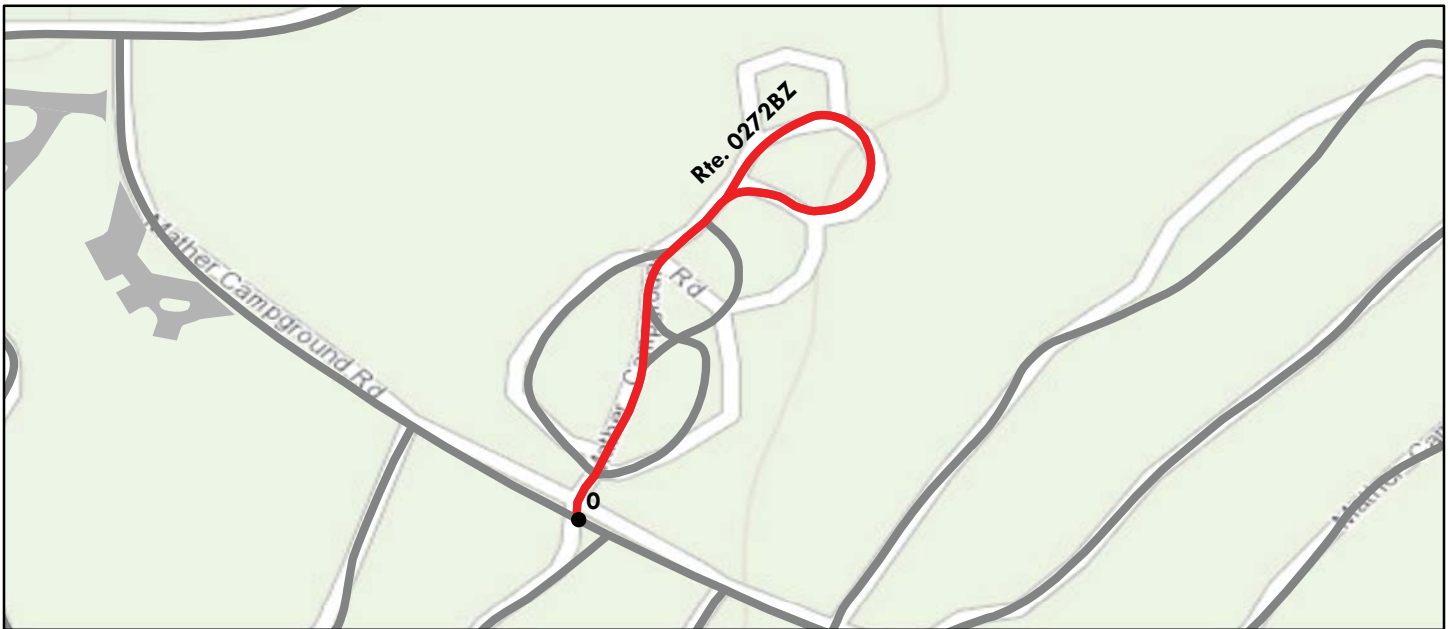
Sources: Esri, DeLorme, NAVTEQ, TomTom, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), swisstopo, and the GIS User Community

Route Condition Legend – 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: 7/9/2016	Beginning Section MP	0				
Paved Length (Miles): 0.59	Section Length (MI)	0.59				
Surface Type: ASPHALT	Route Summary					
Roadway Condition Information						
Pavement Condition Rating (PCR)	52	52				
Surface Condition Rating (SCR)	52	52				
Roughness Condition Index (RCI)	N/A	N/A				
Distress Index Values						
Structural Crack Index	52	52				
Alligator Crack Index	99	99				
Longitudinal Crack Index	53	53				
Transverse Cracking Index	52	52				
Patching Index	99	99				
Rutting Index	90	90				
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				

Grand Canyon National Park

ROUTE 0272BZ: MATHER CAMPGROUND SAGE LOOP 1

Subcomponent of Route GRCA-0272ZZ
Data Collection Vehicle (DCV) Rating



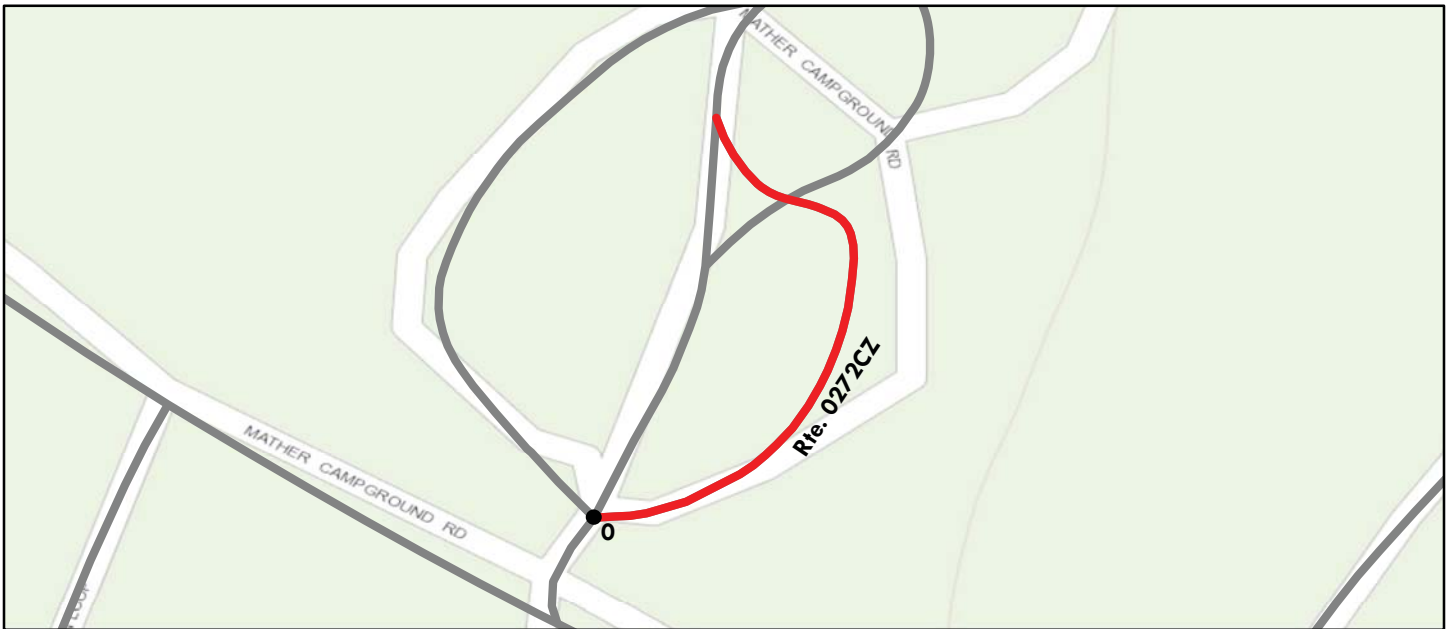
Sources: Esri, DeLorme, NAVTEQ, TomTom, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), swisstopo, and the GIS User Community

Route Condition Legend – 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: 7/9/2016	Beginning Section MP	0				
Paved Length (Miles): 0.19	Section Length (MI)	0.19				
Surface Type: ASPHALT	Route Summary					
Roadway Condition Information						
Pavement Condition Rating (PCR)	12	12				
Surface Condition Rating (SCR)	12	12				
Roughness Condition Index (RCI)	N/A	N/A				
Distress Index Values						
Structural Crack Index	12	12				
Alligator Crack Index	79	79				
Longitudinal Crack Index	33	33				
Transverse Cracking Index	23	23				
Patching Index	98	98				
Rutting Index	95	95				
International Roughness Index (IRI)	N/A	N/A				
Lane & Width Information						
Number of Lanes	1	1				
Paved Width (ft)	11	11				
Lane Width (ft)	11	11				

Grand Canyon National Park

ROUTE 0272CZ: MATHER CAMPGROUND SAGE LOOP 2

Subcomponent of Route GRCA-0272ZZ
Data Collection Vehicle (DCV) Rating



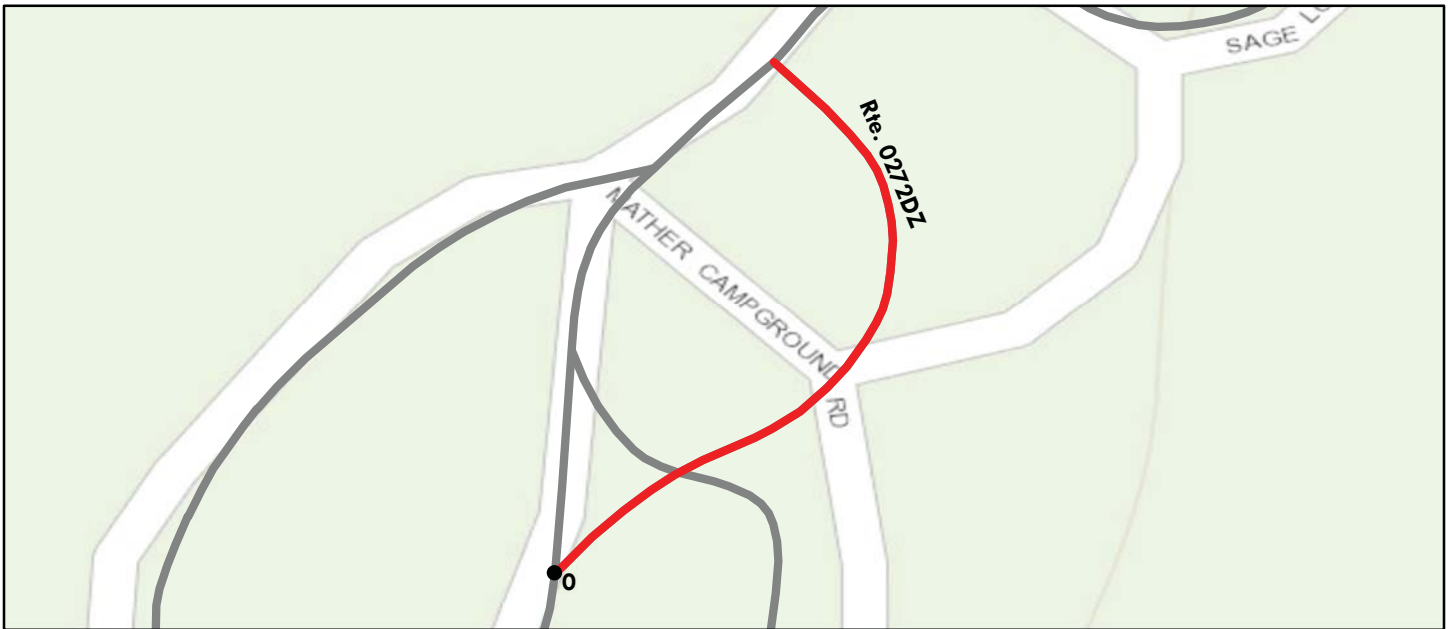
Sources: Esri, DeLorme, NAVTEQ, TomTom, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), swisstopo, and the GIS User Community

Route Condition Legend – 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: 7/9/2016	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)	37	37				
Surface Condition Rating (SCR)	37	37				
Roughness Condition Index (RCI)	N/A	N/A				
Distress Index Values						
Structural Crack Index	43	43				
Alligator Crack Index	92	92				
Longitudinal Crack Index	51	51				
Transverse Cracking Index	37	37				
Patching Index	99	99				
Rutting Index	91	91				
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				

Grand Canyon National Park

ROUTE 0272DZ: MATHER CAMPGROUND SAGE LOOP 3

Subcomponent of Route GRCA-0272ZZ
Data Collection Vehicle (DCV) Rating



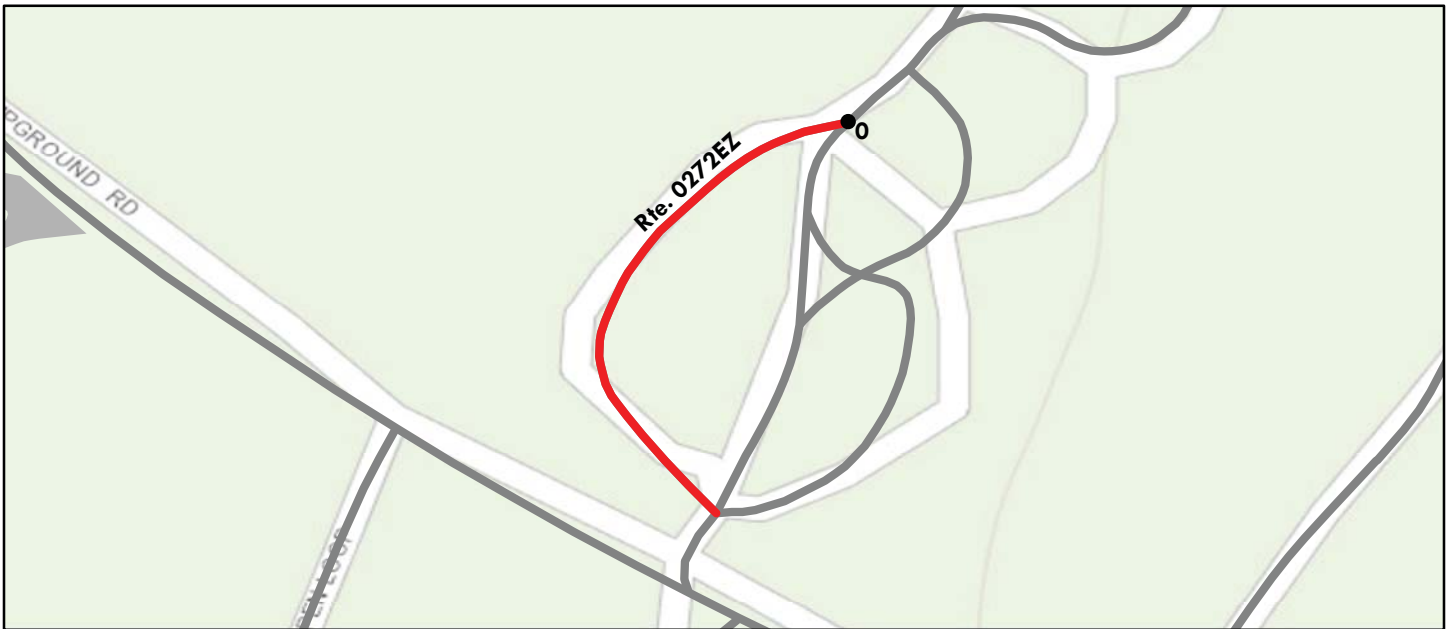
Sources: Esri, DeLorme, NAVTEQ, TomTom, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), swisstopo, and the GIS User Community

Route Condition Legend – 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: 7/9/2016	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)	3	3				
Surface Condition Rating (SCR)	3	3				
Roughness Condition Index (RCI)	N/A	N/A				
Distress Index Values						
Structural Crack Index	25	25				
Alligator Crack Index	89	89				
Longitudinal Crack Index	36	36				
Transverse Cracking Index	3	3				
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)	11.4	11.4				
Lane Width (ft)	11.4	11.4				

Grand Canyon National Park

ROUTE 0272EZ: MATHER CAMPGROUND SAGE LOOP 4

Subcomponent of Route GRCA-0272ZZ
Data Collection Vehicle (DCV) Rating



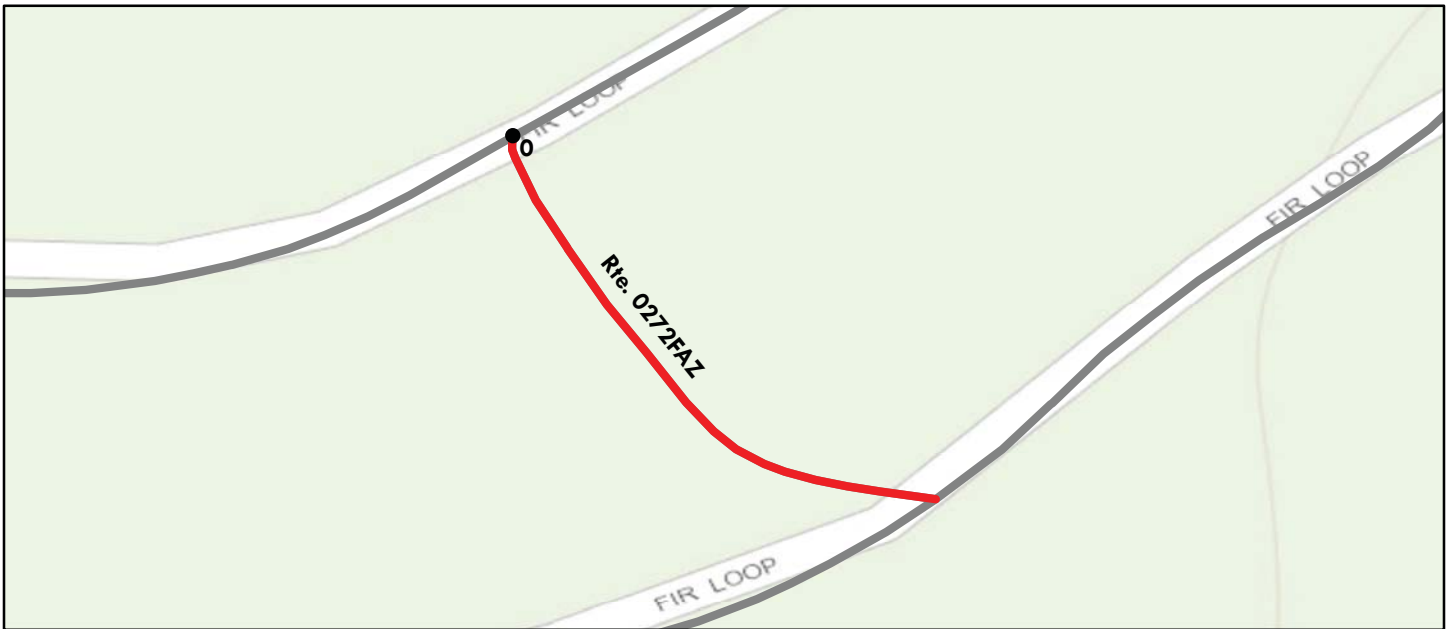
Sources: Esri, DeLorme, NAVTEQ, TomTom, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), swisstopo, and the GIS User Community

Route Condition Legend – 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: 7/9/2016	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)	43	43				
Surface Condition Rating (SCR)	43	43				
Roughness Condition Index (RCI)	N/A	N/A				
Distress Index Values						
Structural Crack Index	78	78				
Alligator Crack Index	100	100				
Longitudinal Crack Index	78	78				
Transverse Cracking Index	43	43				
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)	20.5	20.5				
Lane Width (ft)	20.5	20.5				

Grand Canyon National Park

ROUTE 0272FAZ: MATHER CAMPGROUND FIR LOOP CUT THRU

Subcomponent of Route GRCA-0272ZZZ
Data Collection Vehicle (DCV) Rating



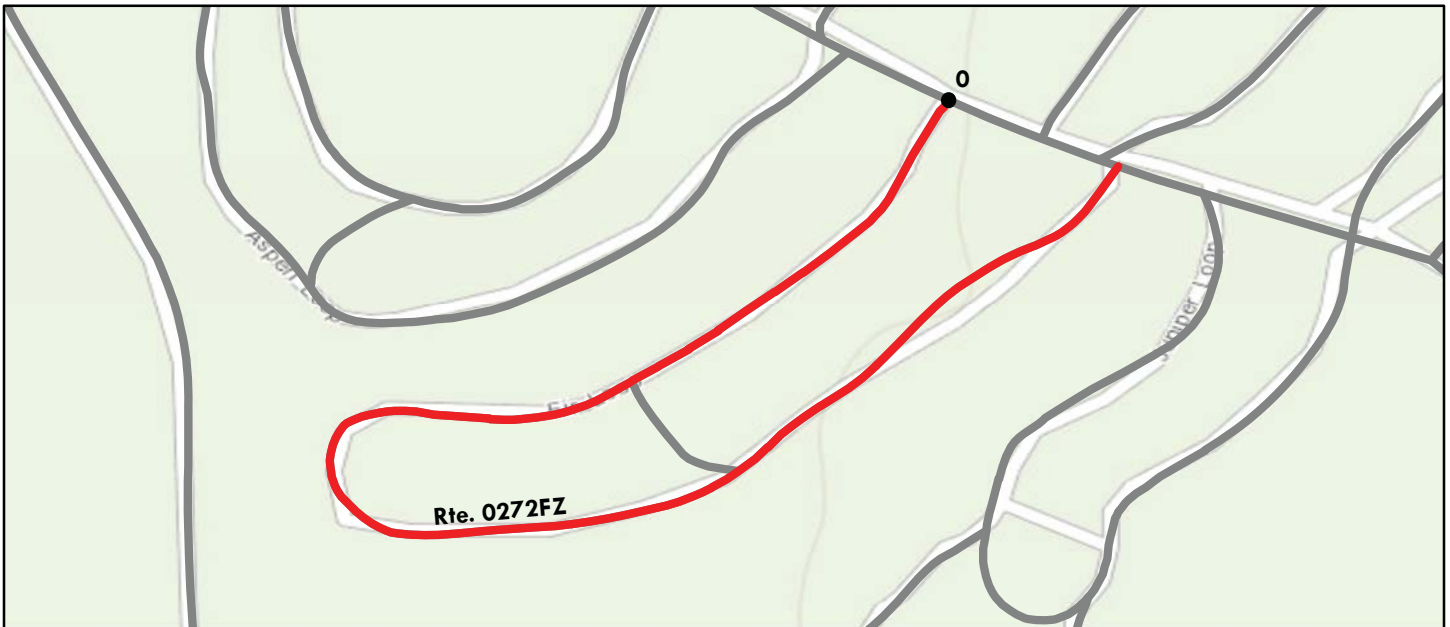
Sources: Esri, DeLorme, NAVTEQ, TomTom, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), swisstopo, and the GIS User Community

Route Condition Legend – 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: 7/9/2016	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)	45	45				
Surface Condition Rating (SCR)	45	45				
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	61	61				
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)	11.5	11.5				
Lane Width (ft)	11.5	11.5				

Grand Canyon National Park

ROUTE 0272FZ: MATHER CAMPGROUND FIR LOOP

Subcomponent of Route GRCA-0272ZZ
Data Collection Vehicle (DCV) Rating



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

Route Condition Legend – 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: 7/9/2016	Beginning Section MP	0				
Paved Length (Miles): 0.49	Section Length (MI)	0.49				
Surface Type: ASPHALT	Route Summary					
Roadway Condition Information						
Pavement Condition Rating (PCR)	40	40				
Surface Condition Rating (SCR)	40	40				
Roughness Condition Index (RCI)	N/A	N/A				
Distress Index Values						
Structural Crack Index	47	47				
Alligator Crack Index	99	99				
Longitudinal Crack Index	48	48				
Transverse Cracking Index	40	40				
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)	11.2	11.2				
Lane Width (ft)	11.2	11.2				

Grand Canyon National Park

ROUTE 0272GZ: MATHER CAMPGROUND PINE LOOP

Subcomponent of Route GRCA-0272ZZ
Data Collection Vehicle (DCV) Rating



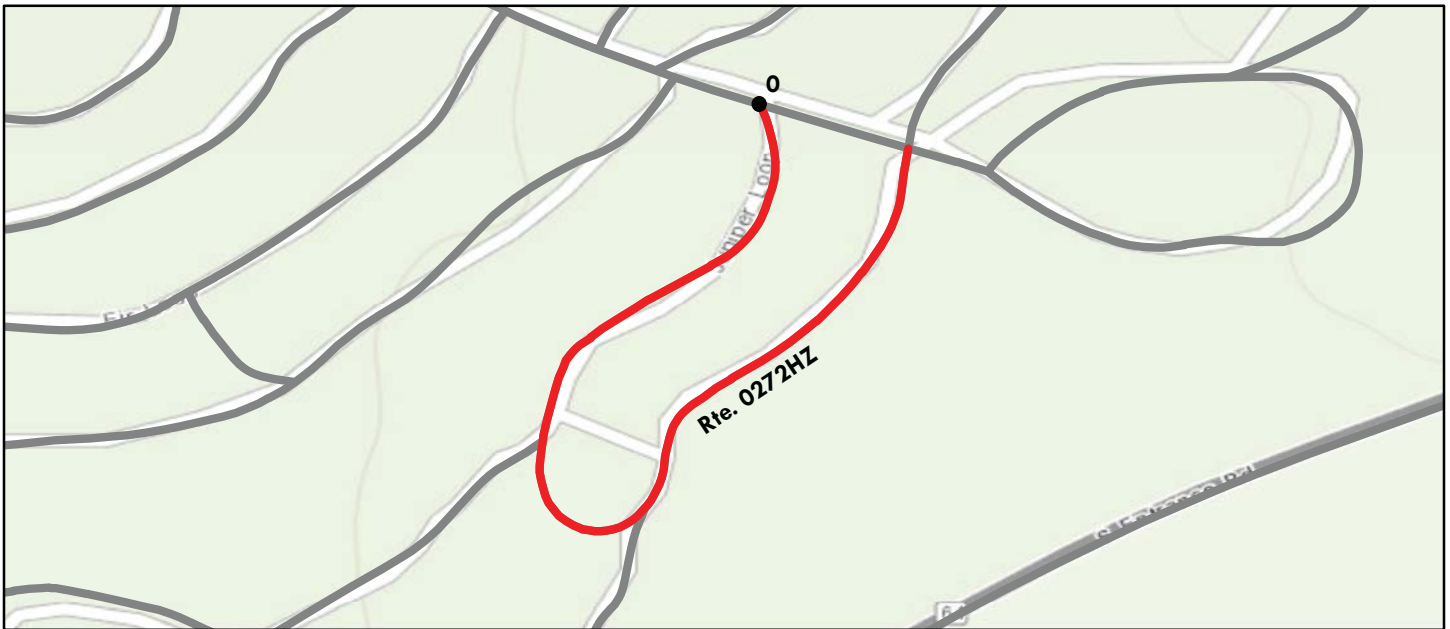
Sources: Esri, DeLorme, NAVTEQ, TomTom, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), swisstopo, and the GIS User Community

Route Condition Legend – 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: 7/9/2016	Beginning Section MP	0				
Paved Length (Miles): 0.47	Section Length (MI)	0.47				
Surface Type: ASPHALT	Route Summary					
Roadway Condition Information						
Pavement Condition Rating (PCR)	25	25				
Surface Condition Rating (SCR)	25	25				
Roughness Condition Index (RCI)	N/A	N/A				
Distress Index Values						
Structural Crack Index	25	25				
Alligator Crack Index	97	97				
Longitudinal Crack Index	28	28				
Transverse Cracking Index	65	65				
Patching Index	96	96				
Rutting Index	82	82				
International Roughness Index (IRI)	N/A	N/A				
Lane & Width Information						
Number of Lanes	1	1				
Paved Width (ft)	10.2	10.2				
Lane Width (ft)	10.2	10.2				

Grand Canyon National Park

ROUTE 0272HZ: MATHER CAMPGROUND JUNIPER LOOP 1

Subcomponent of Route GRCA-0272ZZ
Data Collection Vehicle (DCV) Rating



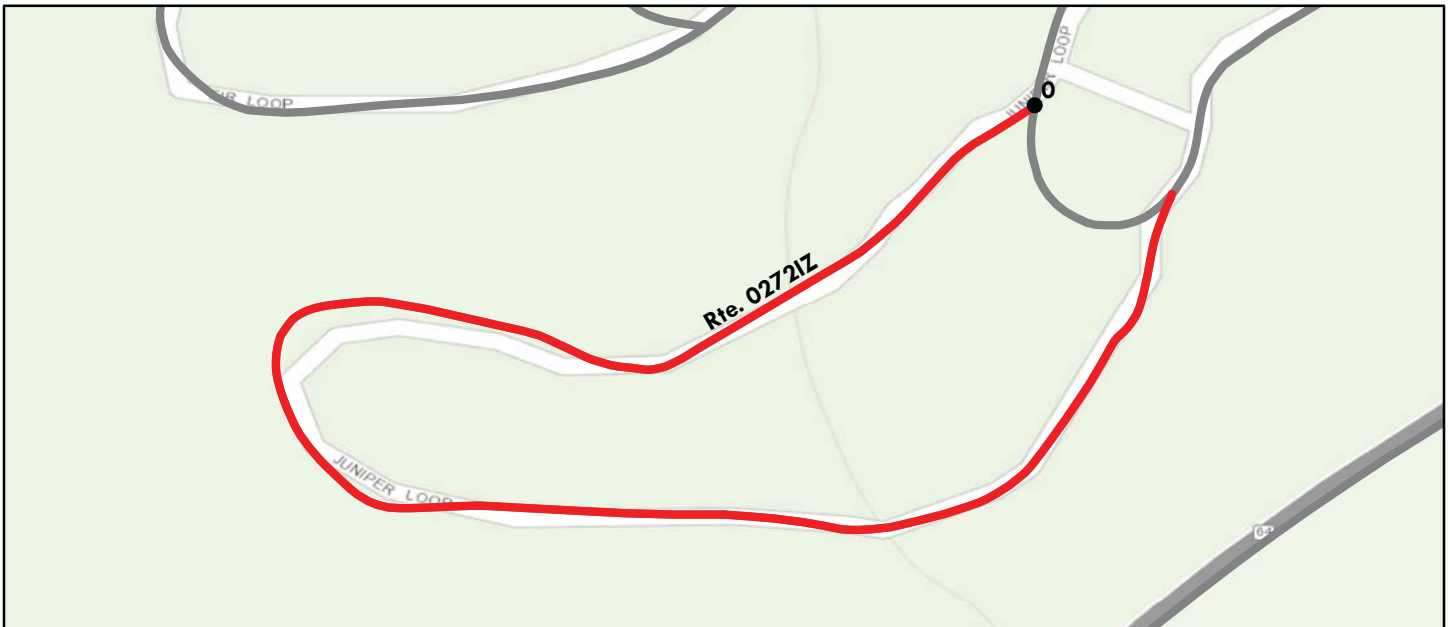
Sources: Esri, DeLorme, NAVTEQ, TomTom, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), swisstopo, and the GIS User Community

Route Condition Legend – 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: 7/9/2016	Beginning Section MP	0				
Paved Length (Miles): 0.33	Section Length (MI)	0.33				
Surface Type: ASPHALT	Route Summary					
Roadway Condition Information						
Pavement Condition Rating (PCR)	7	7				
Surface Condition Rating (SCR)	7	7				
Roughness Condition Index (RCI)	N/A	N/A				
Distress Index Values						
Structural Crack Index	7	7				
Alligator Crack Index	68	68				
Longitudinal Crack Index	39	39				
Transverse Cracking Index	32	32				
Patching Index	99	99				
Rutting Index	89	89				
International Roughness Index (IRI)	N/A	N/A				
Lane & Width Information						
Number of Lanes	1	1				
Paved Width (ft)	10.5	10.5				
Lane Width (ft)	10.5	10.5				

Grand Canyon National Park

ROUTE 0272IZ: MATHER CAMPGROUND JUNIPER LOOP 2

Subcomponent of Route GRCA-0272ZZ
Data Collection Vehicle (DCV) Rating



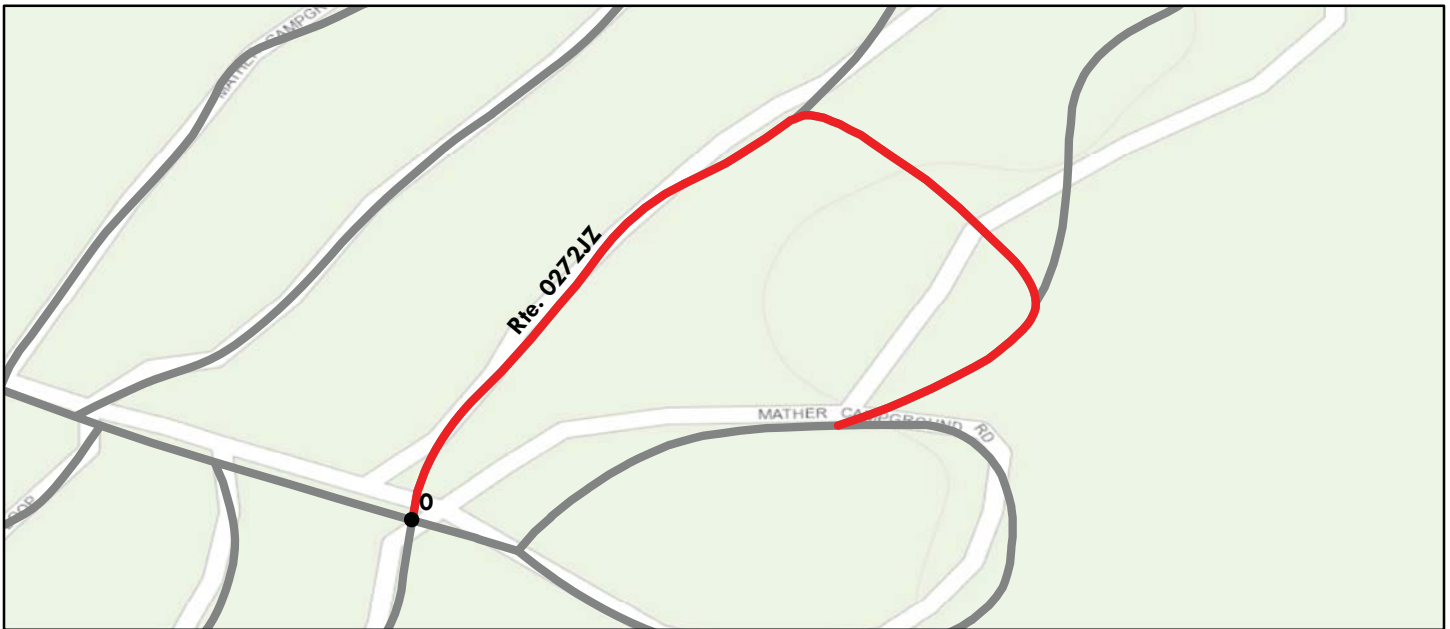
Sources: Esri, DeLorme, NAVTEQ, TomTom, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), swisstopo, and the GIS User Community

Route Condition Legend – 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: 7/9/2016	Beginning Section MP	0				
Paved Length (Miles): 0.44	Section Length (MI)	0.44				
Surface Type: ASPHALT	Route Summary					
Roadway Condition Information						
Pavement Condition Rating (PCR)	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	80	80				
Longitudinal Crack Index	0	0				
Transverse Cracking Index	0	0				
Patching Index	97	97				
Rutting Index	83	83				
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				

Grand Canyon National Park

ROUTE 0272JZ: MATHER CAMPGROUND OAK LOOP 1

Subcomponent of Route GRCA-0272ZZ
Data Collection Vehicle (DCV) Rating



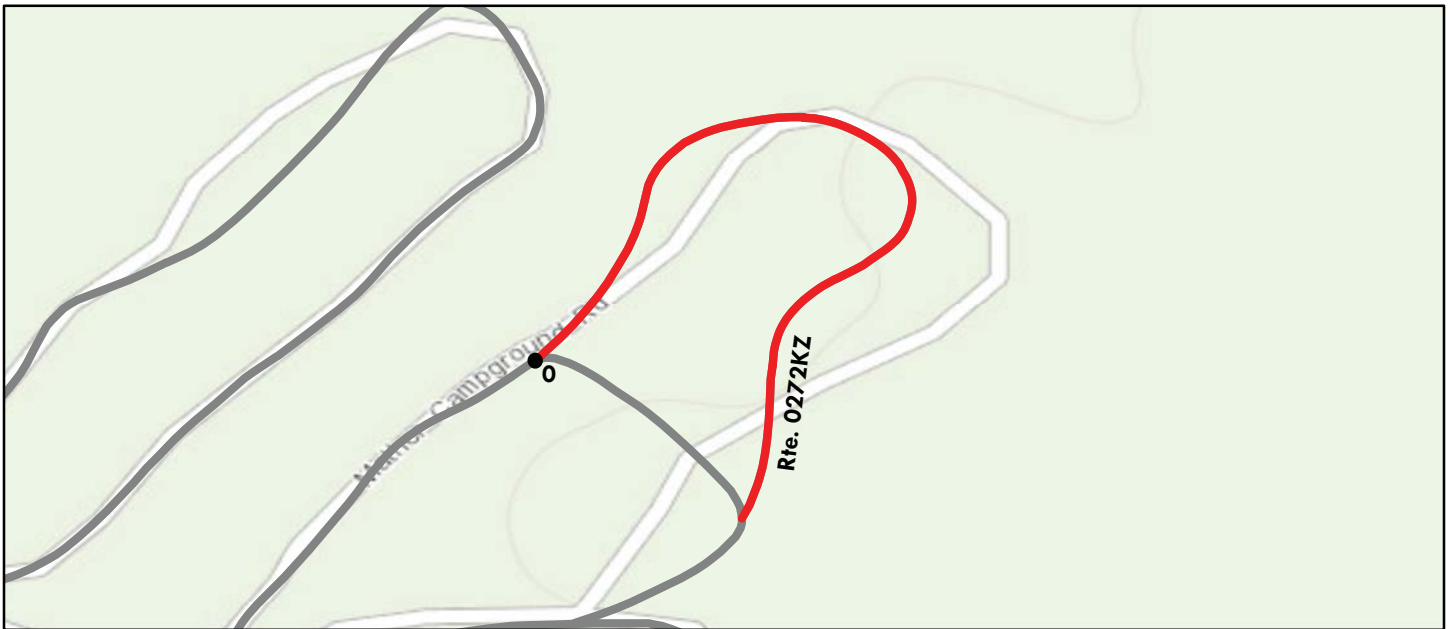
Sources: Esri, DeLorme, NAVTEQ, TomTom, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), swisstopo, and the GIS User Community

Route Condition Legend – 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: 7/9/2016	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)	26	26				
Surface Condition Rating (SCR)	26	26				
Roughness Condition Index (RCI)	N/A	N/A				
Distress Index Values						
Structural Crack Index	26	26				
Alligator Crack Index	94	94				
Longitudinal Crack Index	32	32				
Transverse Cracking Index	44	44				
Patching Index	99	99				
Rutting Index	92	92				
International Roughness Index (IRI)	N/A	N/A				
Lane & Width Information						
Number of Lanes	1	1				
Paved Width (ft)	10.9	10.9				
Lane Width (ft)	10.9	10.9				

Grand Canyon National Park

ROUTE 0272KZ: MATHER CAMPGROUND OAK LOOP 2

Subcomponent of Route GRCA-0272ZZ
Data Collection Vehicle (DCV) Rating



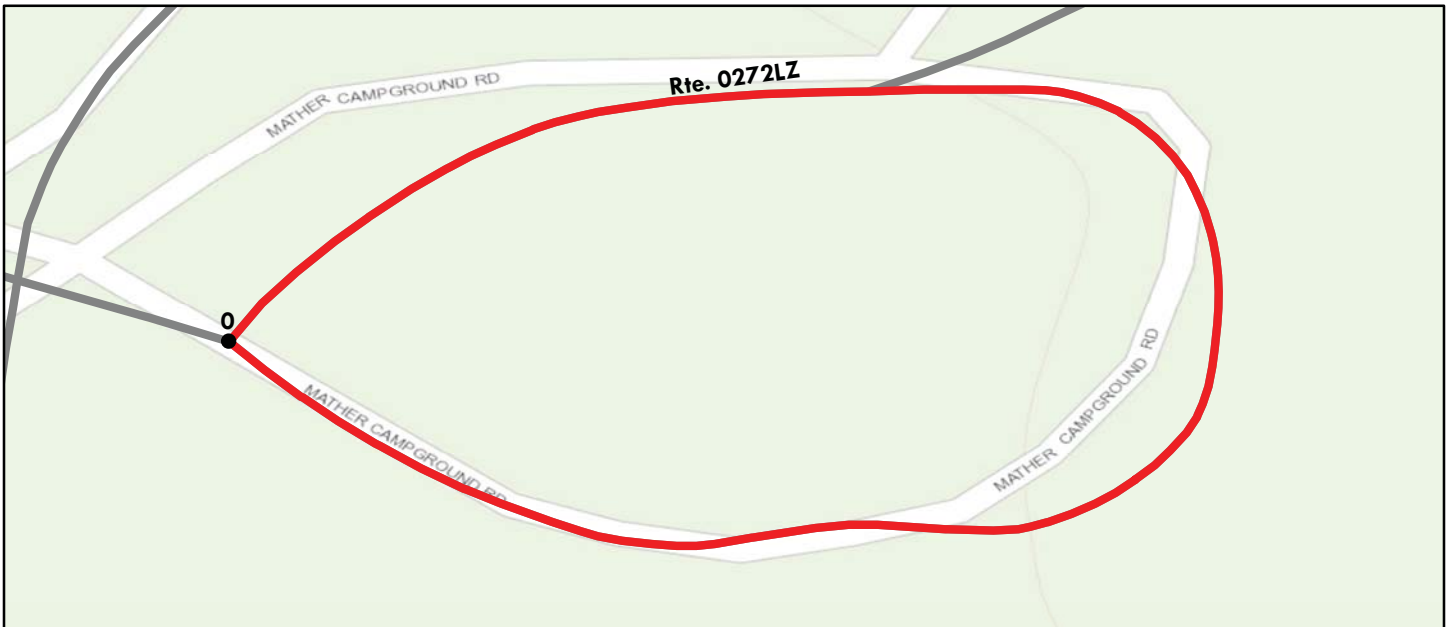
Sources: Esri, DeLorme, NAVTEQ, TomTom, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), swisstopo, and the GIS User Community

Route Condition Legend – 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: 7/9/2016	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)	16	16				
Surface Condition Rating (SCR)	16	16				
Roughness Condition Index (RCI)	N/A	N/A				
Distress Index Values						
Structural Crack Index	35	35				
Alligator Crack Index	96	96				
Longitudinal Crack Index	39	39				
Transverse Cracking Index	16	16				
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)	11.6	11.6				
Lane Width (ft)	11.6	11.6				

Grand Canyon National Park

ROUTE 0272LZ: MATHER CAMPGROUND MAPLE LOOP

Subcomponent of Route GRCA-0272ZZ
Data Collection Vehicle (DCV) Rating



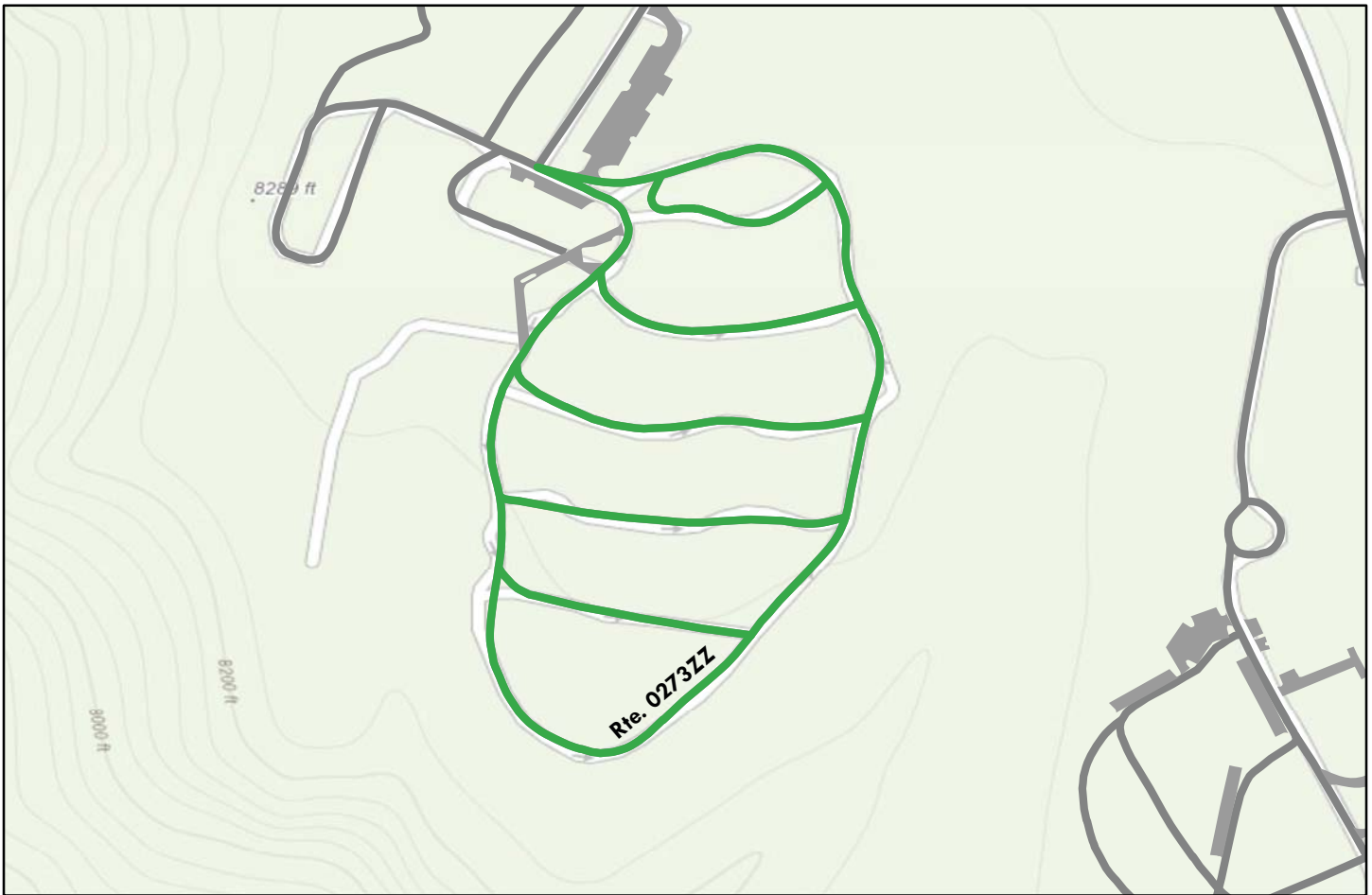
Sources: Esri, DeLorme, NAVTEQ, TomTom, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), swisstopo, and the GIS User Community

Route Condition Legend – 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: 7/9/2016	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)	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	74	74				
Longitudinal Crack Index	11	11				
Transverse Cracking Index	0	0				
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)	10.9	10.9				
Lane Width (ft)	10.9	10.9				

Grand Canyon National Park

ROUTE 0273ZZ: NORTH RIM CAMPGROUND ROADS

Summary Route



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

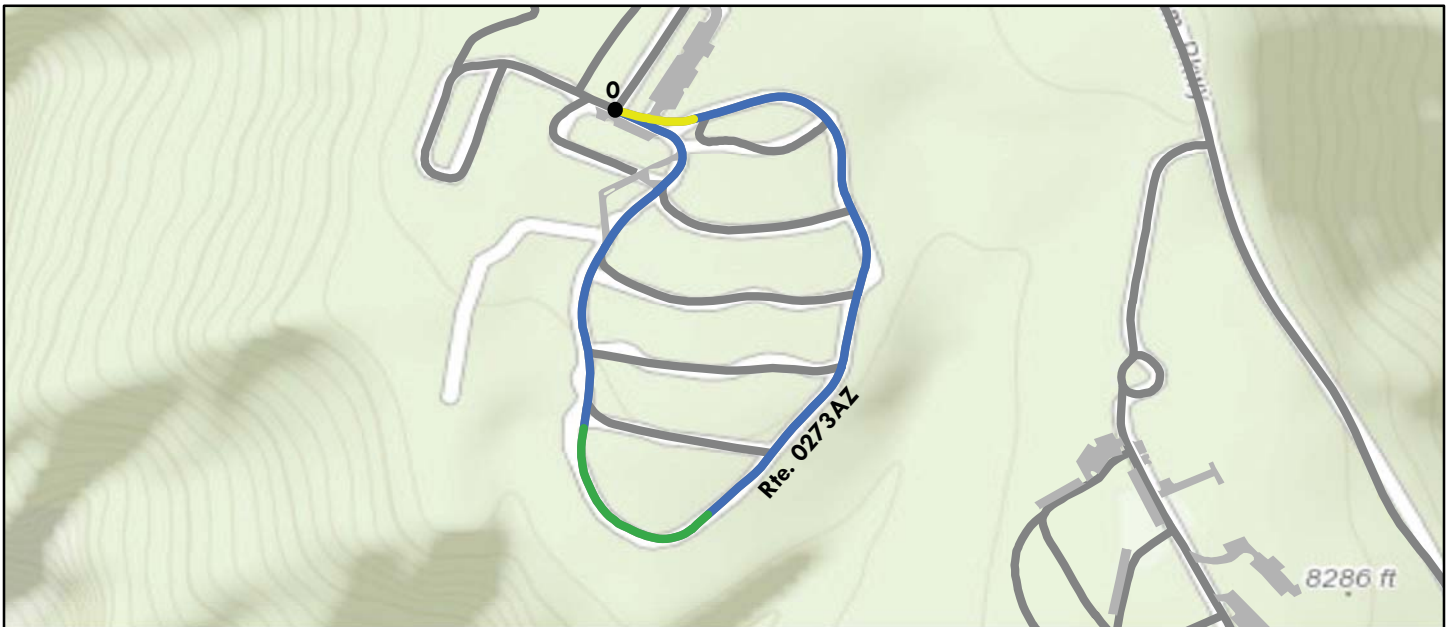
Note: The weighted average summary PCR value is calculated from only the sections of road where the PCR was collected. The overall PCR for the summary route may not reflect individual subcomponent ratings.

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:	7/7/2016					
Paved Length (Miles):	1.08					
Surface Type:	ASPHALT	Route Summary				
Roadway Condition Information						
Pavement Condition Rating (PCR)	94					
Lane & Width Information						
Number of Lanes	1					
Paved Width (ft)	13.8					
Lane Width (ft)	13.8					

Grand Canyon National Park

ROUTE 0273AZ: NORTH RIM CAMPGROUND OUTER LOOP

Subcomponent of Route GRCA-0273ZZ
Data Collection Vehicle (DCV) Rating



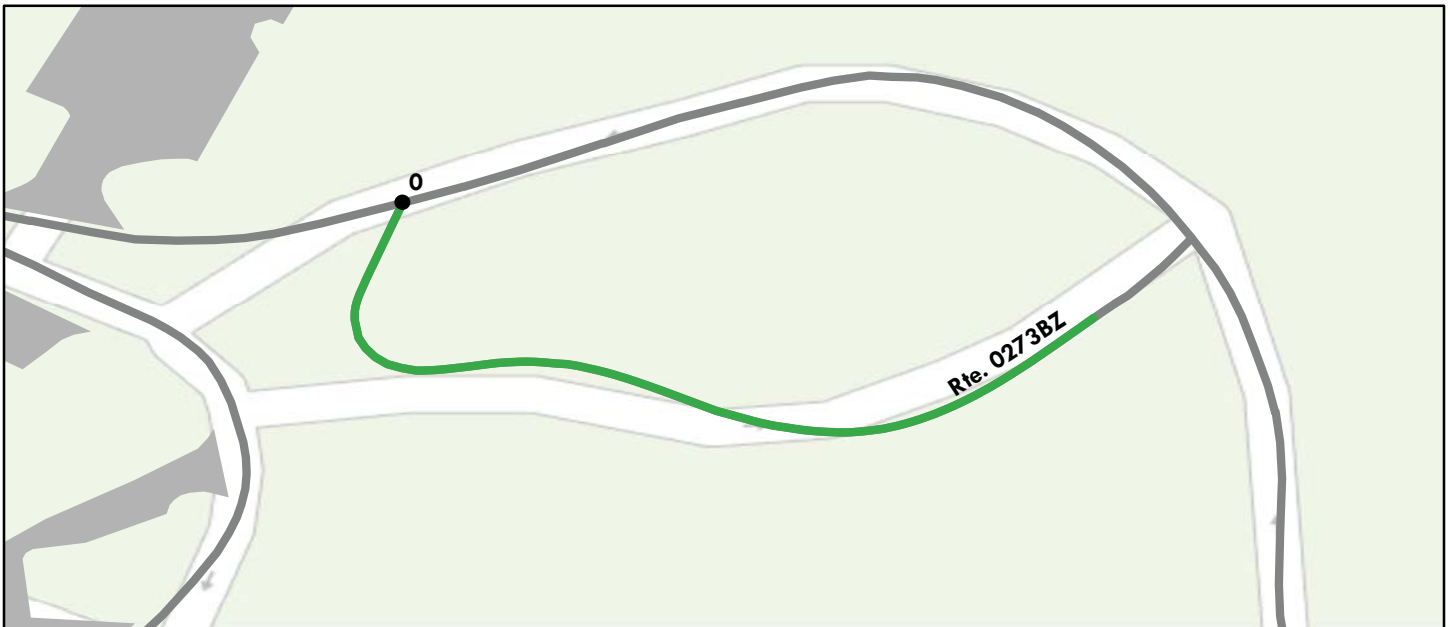
Sources: Esri, DeLorme, NAVTEQ, TomTom, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), swisstopo, and the GIS User Community

Route Condition Legend – 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: 7/7/2016	Beginning Section MP	0				
Paved Length (Miles): 0.63	Section Length (MI)	0.63				
Surface Type: ASPHALT	Route Summary					
Roadway Condition Information						
Pavement Condition Rating (PCR)	95	95				
Surface Condition Rating (SCR)	95	95				
Roughness Condition Index (RCI)	N/A	N/A				
Distress Index Values						
Structural Crack Index	98	98				
Alligator Crack Index	100	100				
Longitudinal Crack Index	98	98				
Transverse Cracking Index	97	97				
Patching Index	100	100				
Rutting Index	95	95				
International Roughness Index (IRI)	N/A	N/A				
Lane & Width Information						
Number of Lanes	1	1				
Paved Width (ft)	13.9	13.9				
Lane Width (ft)	13.9	13.9				

Grand Canyon National Park

ROUTE 0273BZ: NORTH RIM CAMPGROUND SITES 80 TO 83

Subcomponent of Route GRCA-0273ZZ
Data Collection Vehicle (DCV) Rating



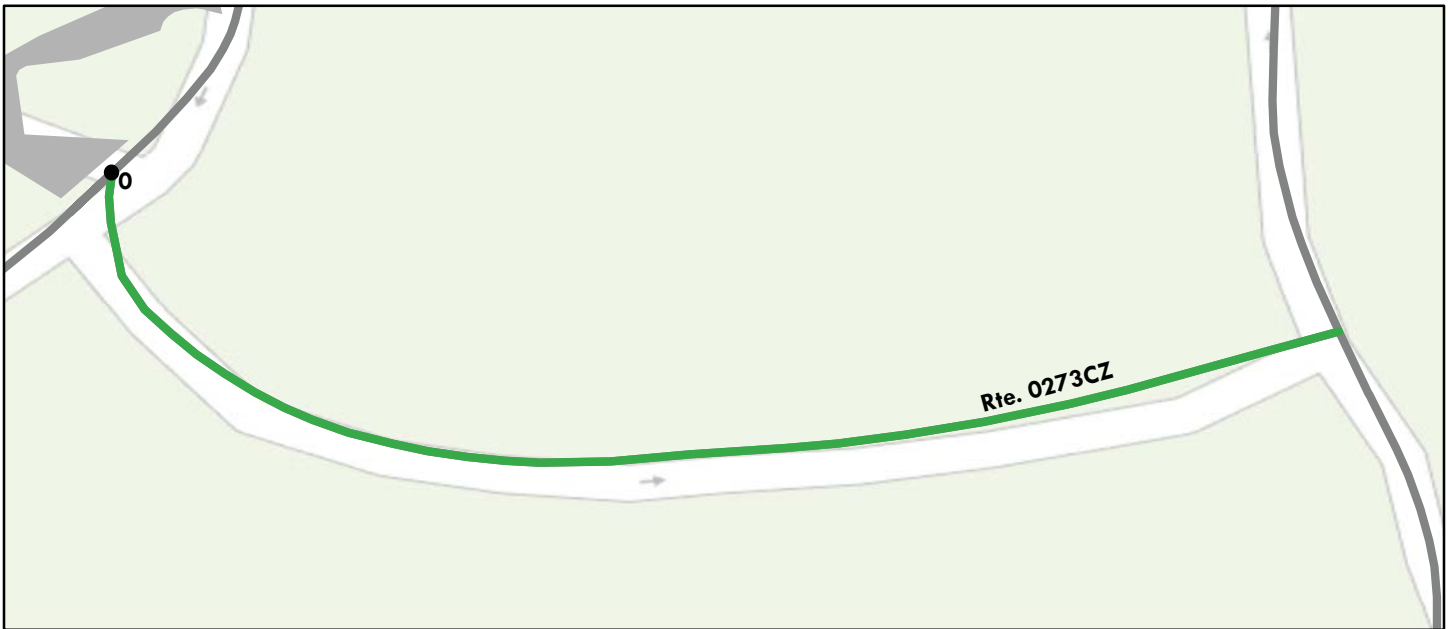
Sources: Esri, DeLorme, NAVTEQ, TomTom, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), swisstopo, and the GIS User Community

Route Condition Legend – 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: 7/7/2016	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)	85	85				
Surface Condition Rating (SCR)	85	85				
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	100	100				
Patching Index	100	100				
Rutting Index	85	85				
International Roughness Index (IRI)	N/A	N/A				
Lane & Width Information						
Number of Lanes	1	1				
Paved Width (ft)	14.5	14.5				
Lane Width (ft)	14.5	14.5				

Grand Canyon National Park

ROUTE 0273CZ: NORTH RIM CAMPGROUND SITES 74 TO 79

Subcomponent of Route GRCA-0273ZZ
Data Collection Vehicle (DCV) Rating



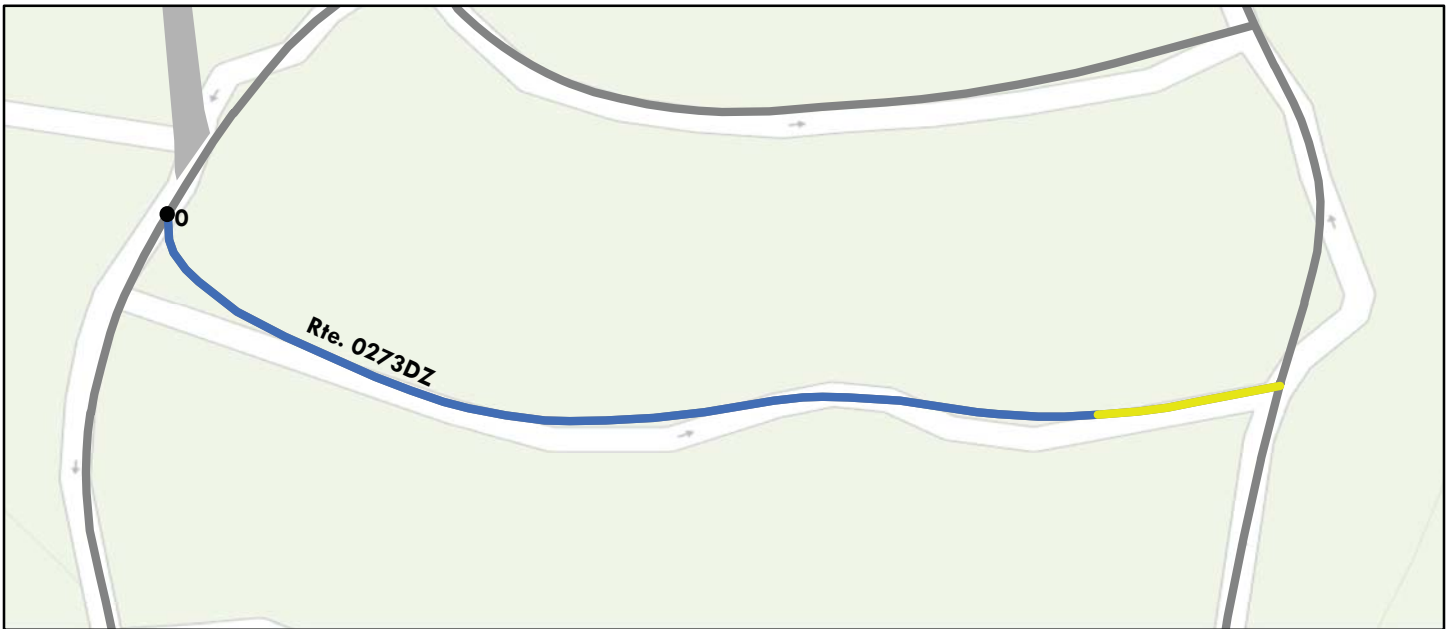
Sources: Esri, DeLorme, NAVTEQ, TomTom, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), swisstopo, and the GIS User Community

Route Condition Legend – 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: 7/7/2016	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)	92	92				
Surface Condition Rating (SCR)	92	92				
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	92	92				
International Roughness Index (IRI)	N/A	N/A				
Lane & Width Information						
Number of Lanes	1	1				
Paved Width (ft)	15.1	15.1				
Lane Width (ft)	15.1	15.1				

Grand Canyon National Park

ROUTE 0273DZ: NORTH RIM CAMPGROUND SITES 64 TO 73

Subcomponent of Route GRCA-0273ZZ
Data Collection Vehicle (DCV) Rating



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

Route Condition Legend – 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: 7/7/2016	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)	92	92				
Surface Condition Rating (SCR)	92	92				
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	92	92				
International Roughness Index (IRI)	N/A	N/A				
Lane & Width Information						
Number of Lanes	1	1				
Paved Width (ft)	13.2	13.2				
Lane Width (ft)	13.2	13.2				

Grand Canyon National Park

ROUTE 0273EZ: NORTH RIM CAMPGROUND SITES 53 TO 63

Subcomponent of Route GRCA-0273ZZ
Data Collection Vehicle (DCV) Rating



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

Route Condition Legend – 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: 7/7/2016	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)	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)	13	13				
Lane Width (ft)	13	13				

Grand Canyon National Park

ROUTE 0273FZ: NORTH RIM CAMPGROUND SITES 47 TO 52

Subcomponent of Route GRCA-0273ZZ
Data Collection Vehicle (DCV) Rating



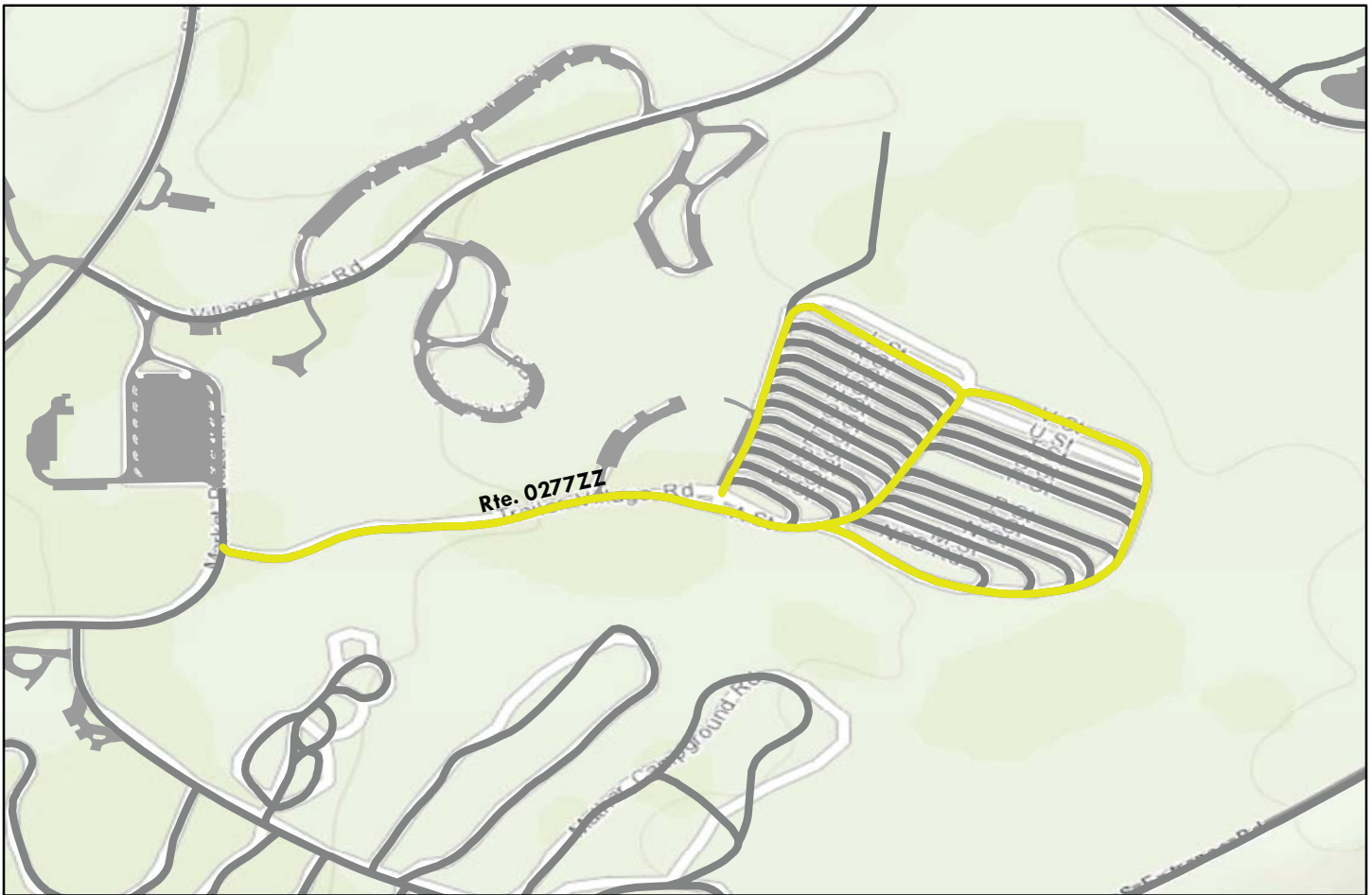
Sources: Esri, DeLorme, NAVTEQ, TomTom, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), swisstopo, and the GIS User Community

Route Condition Legend – 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: 7/7/2016	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)	93	93				
Surface Condition Rating (SCR)	93	93				
Roughness Condition Index (RCI)	N/A	N/A				
Distress Index Values						
Structural Crack Index	96	96				
Alligator Crack Index	100	100				
Longitudinal Crack Index	96	96				
Transverse Cracking Index	95	95				
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)	12.5	12.5				
Lane Width (ft)	12.5	12.5				

Grand Canyon National Park

ROUTE 0277ZZ: TRAILER VILLAGE OUTER LOOP ROADS

Summary Route



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

Note: 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: 7/9/2016						
Paved Length (Miles): 1.09						
Surface Type: ASPHALT	Route Summary					
Roadway Condition Information						
Pavement Condition Rating (PCR)	77					
Lane & Width Information						
Number of Lanes	1					
Paved Width (ft)	14.9					
Lane Width (ft)	11.1					

Grand Canyon National Park

ROUTE 0277AZ: TRAILER VILLAGE OUTER LOOP A

Subcomponent of Route GRCA-0277ZZ
Data Collection Vehicle (DCV) Rating



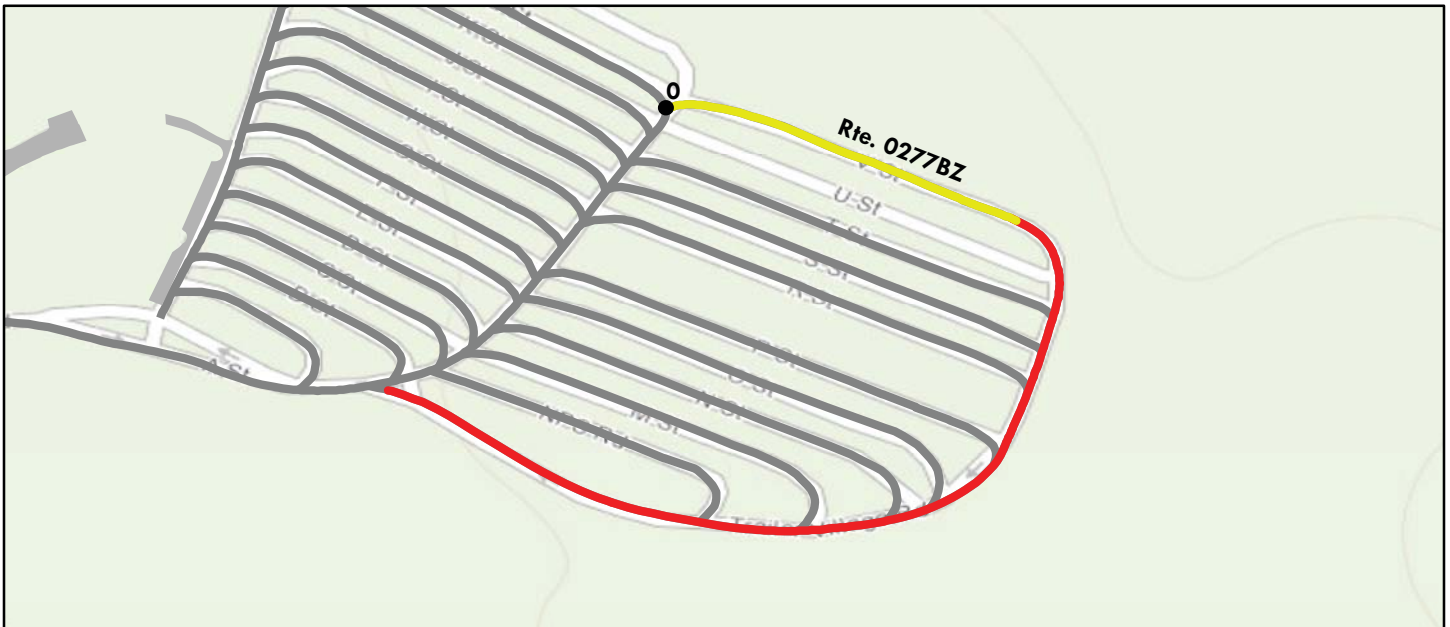
Sources: Esri, DeLorme, NAVTEQ, TomTom, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), swisstopo, and the GIS User Community

Route Condition Legend – 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: 7/9/2016	Beginning Section MP	0				
Paved Length (Miles): 0.72	Section Length (MI)	0.72				
Surface Type: ASPHALT	Route Summary					
Roadway Condition Information						
Pavement Condition Rating (PCR)	91	91				
Surface Condition Rating (SCR)	91	91				
Roughness Condition Index (RCI)	N/A	N/A				
Distress Index Values						
Structural Crack Index	95	95				
Alligator Crack Index	98	98				
Longitudinal Crack Index	97	97				
Transverse Cracking Index	96	96				
Patching Index	99	99				
Rutting Index	91	91				
International Roughness Index (IRI)	N/A	N/A				
Lane & Width Information						
Number of Lanes	2	2				
Paved Width (ft)	16.5	16.5				
Lane Width (ft)	10.8	10.8				

Grand Canyon National Park

ROUTE 0277BZ: TRAILER VILLAGE OUTER LOOP B

Subcomponent of Route GRCA-0277ZZ
Data Collection Vehicle (DCV) Rating



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

Route Condition Legend – 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: 7/9/2016	Beginning Section MP	0				
Paved Length (Miles): 0.37	Section Length (MI)	0.37				
Surface Type: ASPHALT	Route Summary					
Roadway Condition Information						
Pavement Condition Rating (PCR)	38	38				
Surface Condition Rating (SCR)	38	38				
Roughness Condition Index (RCI)	N/A	N/A				
Distress Index Values						
Structural Crack Index	38	38				
Alligator Crack Index	86	86				
Longitudinal Crack Index	52	52				
Transverse Cracking Index	69	69				
Patching Index	90	90				
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				

Grand Canyon National Park

ROUTE 0279ZZ: TRAILER VILLAGE ROADS

Summary Route



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

Note: 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
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See Appendix for definitions and formulas

Inspection Date: 7/9/2016						
Paved Length (Miles): 1.97						
Surface Type: ASPHALT						
Roadway Condition Information						
Pavement Condition Rating (PCR)	53					
Lane & Width Information						
Number of Lanes	1					
Paved Width (ft)	12.1					
Lane Width (ft)	12.1					

Grand Canyon National Park

ROUTE 0279AZ: TRAILER VILLAGE ROAD A

Subcomponent of Route GRCA-0279ZZ
Data Collection Vehicle (DCV) Rating



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

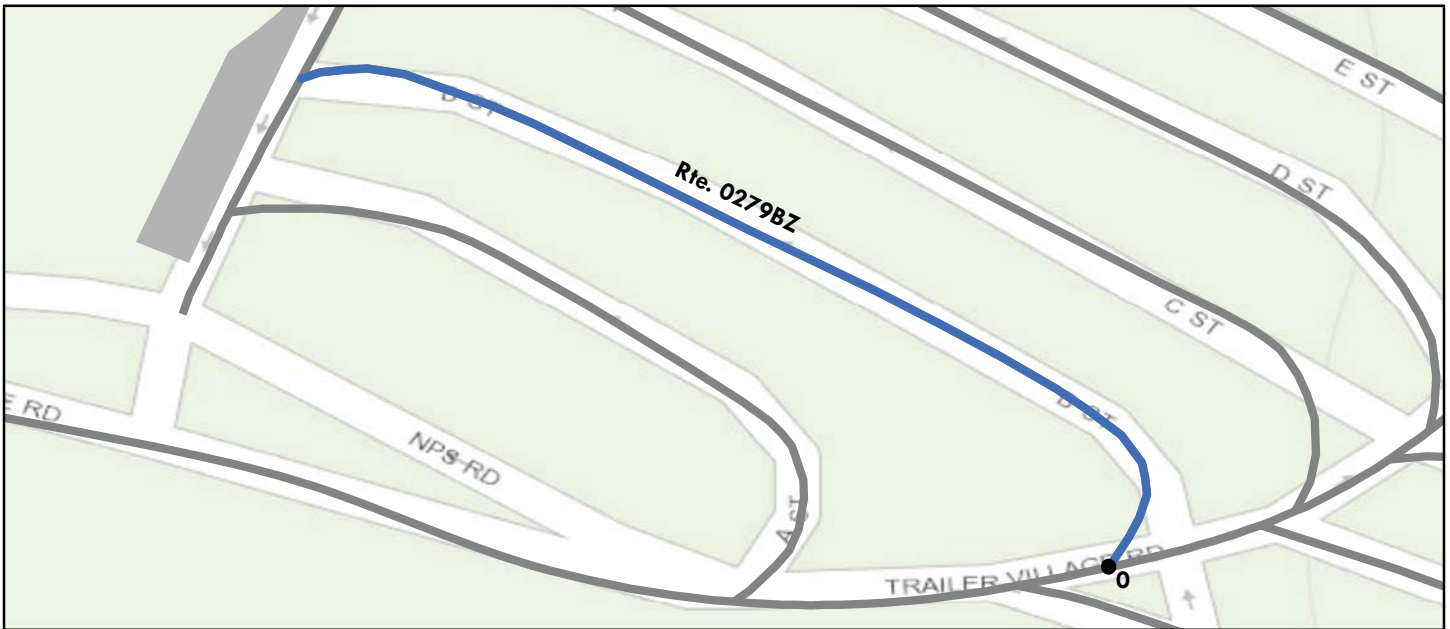
Route Condition Legend – Pavement Condition Rating (PCR)						
Poor (0 - 60)	Fair (61- 84)	Good (85 - 94)	Excellent (95 - 100)	Not Rated		
See Appendix for definitions and formulas						
Inspection Date: 7/9/2016	Beginning Section MP	0				
Paved Length (Miles): 0.05	Section Length (MI)	0.05				
Surface Type: ASPHALT	Route Summary					
Roadway Condition Information						
Pavement Condition Rating (PCR)	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	99	99				
Rutting Index	99	99				
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				

Grand Canyon National Park

ROUTE 0279BZ: TRAILER VILLAGE ROAD B

Subcomponent of Route GRCA-0279ZZ

Data Collection Vehicle (DCV) Rating



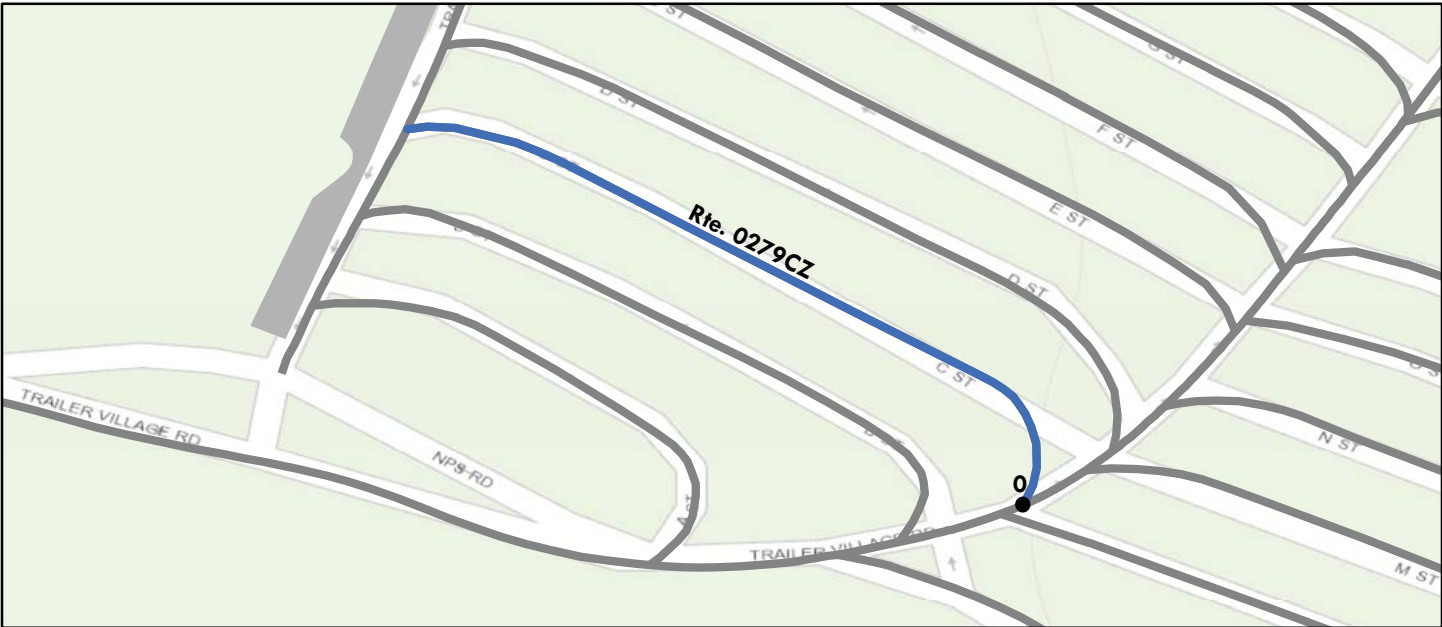
Sources: Esri, DeLorme, NAVTEQ, TomTom, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), swisstopo, and the GIS User Community

Route Condition Legend – 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: 7/9/2016	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)	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	99	99				
Rutting Index	99	99				
International Roughness Index (IRI)	N/A	N/A				
Lane & Width Information						
Number of Lanes	1	1				
Paved Width (ft)	11.3	11.3				
Lane Width (ft)	11.3	11.3				

Grand Canyon National Park

ROUTE 0279CZ: TRAILER VILLAGE ROAD C

Subcomponent of Route GRCA-0279ZZ
 Data Collection Vehicle (DCV) Rating



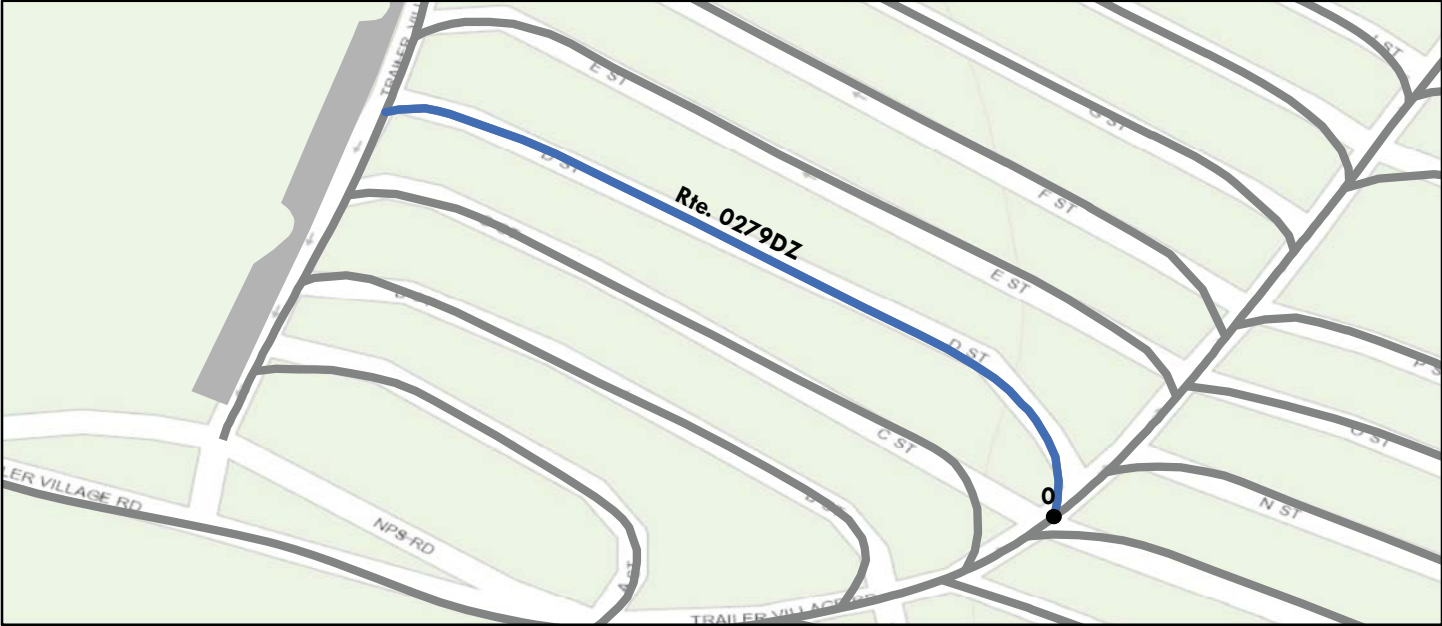
Sources: Esri, DeLorme, NAVTEQ, TomTom, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), swisstopo, and the GIS User Community

Route Condition Legend – 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: 7/9/2016	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)	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	99	99				
Rutting Index	99	99				
International Roughness Index (IRI)	N/A	N/A				
Lane & Width Information						
Number of Lanes	1	1				
Paved Width (ft)	11.5	11.5				
Lane Width (ft)	11.5	11.5				

Grand Canyon National Park

ROUTE 0279DZ: TRAILER VILLAGE ROAD D

Subcomponent of Route GRCA-0279ZZ
 Data Collection Vehicle (DCV) Rating



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

Route Condition Legend – 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: 7/9/2016	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)	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	99	99				
Rutting Index	99	99				
International Roughness Index (IRI)	N/A	N/A				
Lane & Width Information						
Number of Lanes	1	1				
Paved Width (ft)	13.6	13.6				
Lane Width (ft)	13.6	13.6				

Grand Canyon National Park

ROUTE 0279EZ: TRAILER VILLAGE ROAD E

Subcomponent of Route GRCA-0279ZZ

Data Collection Vehicle (DCV) Rating



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

Route Condition Legend – 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: 7/9/2016	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	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)	12.9	12.9				
Lane Width (ft)	12.9	12.9				

Grand Canyon National Park

ROUTE 0279FZ: TRAILER VILLAGE ROAD F

Subcomponent of Route GRCA-0279ZZ

Data Collection Vehicle (DCV) Rating



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

Route Condition Legend – 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: 7/9/2016	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	100	100				
Alligator Crack Index	100	100				
Longitudinal Crack Index	100	100				
Transverse Cracking Index	100	100				
Patching Index	99	99				
Rutting Index	99	99				
International Roughness Index (IRI)	N/A	N/A				
Lane & Width Information						
Number of Lanes	1	1				
Paved Width (ft)	13.4	13.4				
Lane Width (ft)	13.4	13.4				

Grand Canyon National Park

ROUTE 0279GZ: TRAILER VILLAGE ROAD G

Subcomponent of Route GRCA-0279ZZ
 Data Collection Vehicle (DCV) Rating



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

Route Condition Legend – 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: 7/9/2016	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)	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)	12.3	12.3				
Lane Width (ft)	12.3	12.3				

Grand Canyon National Park

ROUTE 0279HZ: TRAILER VILLAGE ROAD H

Subcomponent of Route GRCA-0279ZZ
 Data Collection Vehicle (DCV) Rating



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

Route Condition Legend – 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: 7/9/2016	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	99	99				
Rutting Index	99	99				
International Roughness Index (IRI)	N/A	N/A				
Lane & Width Information						
Number of Lanes	1	1				
Paved Width (ft)	12.5	12.5				
Lane Width (ft)	12.5	12.5				

Grand Canyon National Park

ROUTE 0279IZ: TRAILER VILLAGE ROAD I

Subcomponent of Route GRCA-0279ZZ

Data Collection Vehicle (DCV) Rating



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

Route Condition Legend – 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: 7/9/2016	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	99	99				
Rutting Index	99	99				
International Roughness Index (IRI)	N/A	N/A				
Lane & Width Information						
Number of Lanes	1	1				
Paved Width (ft)	12.4	12.4				
Lane Width (ft)	12.4	12.4				

Grand Canyon National Park

ROUTE 0279JZ: TRAILER VILLAGE ROAD J

Subcomponent of Route GRCA-0279ZZ

Data Collection Vehicle (DCV) Rating



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

Route Condition Legend – 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: 7/9/2016	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	1	1				
Paved Width (ft)	12	12				
Lane Width (ft)	12	12				

Grand Canyon National Park

ROUTE 0279KZ: TRAILER VILLAGE ROAD K

Subcomponent of Route GRCA-0279ZZ
Data Collection Vehicle (DCV) Rating



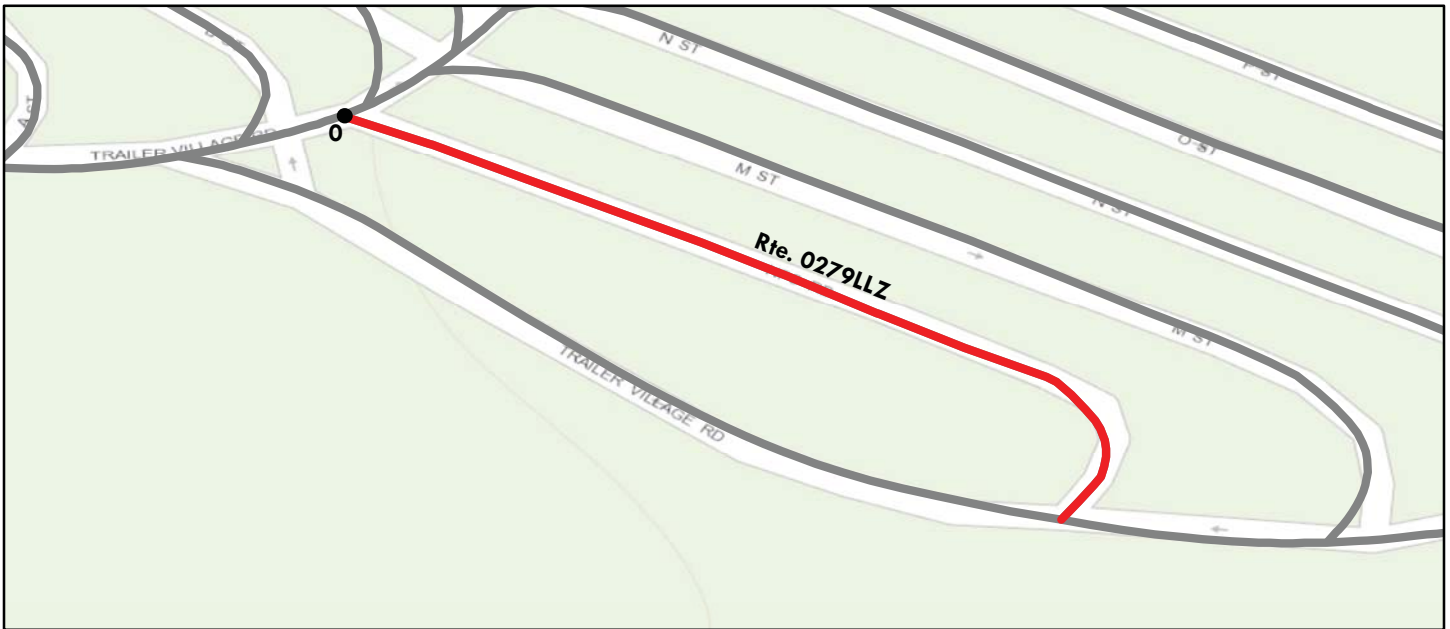
Sources: Esri, DeLorme, NAVTEQ, TomTom, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), swisstopo, and the GIS User Community

Route Condition Legend – 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: 7/9/2016	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	1	1				
Paved Width (ft)	12.2	12.2				
Lane Width (ft)	12.2	12.2				

Grand Canyon National Park

ROUTE 0279LLZ: TRAILER VILLAGE ROAD LL

Subcomponent of Route GRCA-0279ZZ
Data Collection Vehicle (DCV) Rating



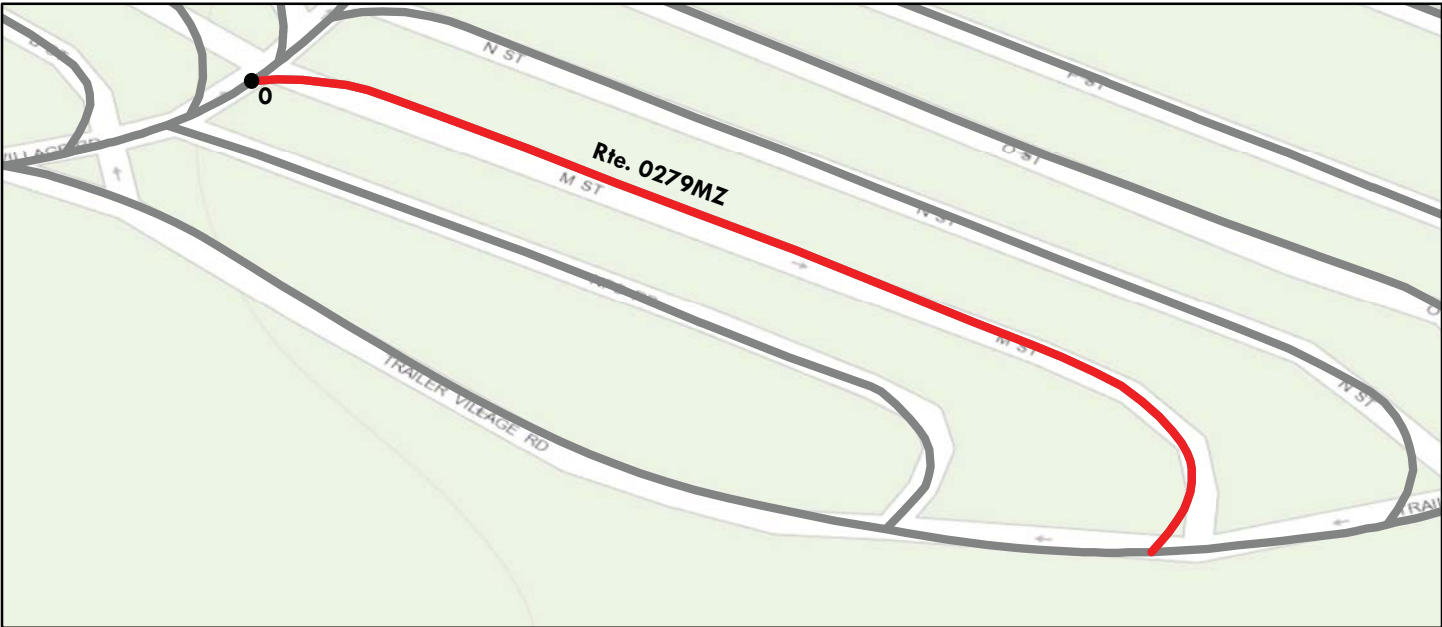
Sources: Esri, DeLorme, NAVTEQ, TomTom, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), swisstopo, and the GIS User Community

Route Condition Legend – 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: 7/9/2016	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)	23	23				
Surface Condition Rating (SCR)	23	23				
Roughness Condition Index (RCI)	N/A	N/A				
Distress Index Values						
Structural Crack Index	23	23				
Alligator Crack Index	99	99				
Longitudinal Crack Index	24	24				
Transverse Cracking Index	43	43				
Patching Index	93	93				
Rutting Index	89	89				
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				

Grand Canyon National Park

ROUTE 0279MZ: TRAILER VILLAGE ROAD M

Subcomponent of Route GRCA-0279ZZ
 Data Collection Vehicle (DCV) Rating



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

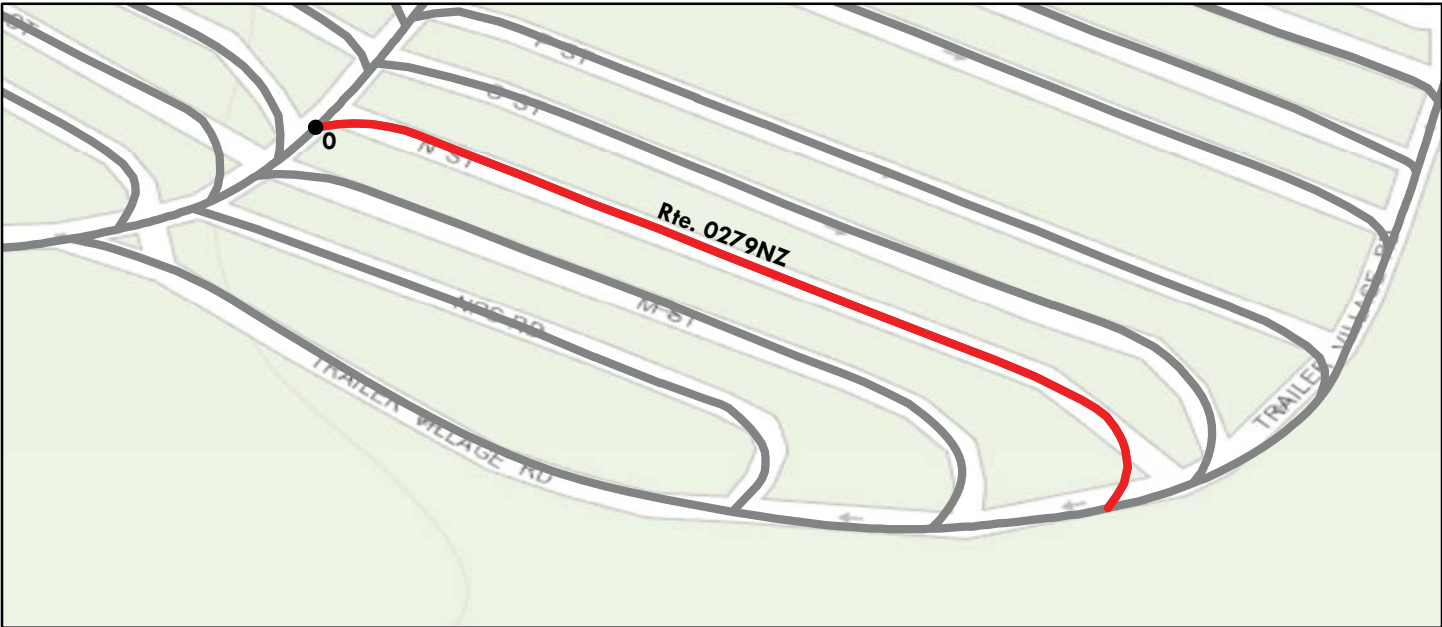
Route Condition Legend – Pavement Condition Rating (PCR)						
Poor (0 - 60)	Fair (61- 84)	Good (85 - 94)	Excellent (95 - 100)	Not Rated		
See Appendix for definitions and formulas						
Inspection Date: 7/9/2016	Beginning Section MP	0				
Paved Length (Miles): 0.12	Section Length (MI)	0.12				
Surface Type: ASPHALT	Route Summary					
Roadway Condition Information						
Pavement Condition Rating (PCR)	0	0				
Surface Condition Rating (SCR)	N/A	N/A				
Roughness Condition Index (RCI)	N/A	N/A				
Distress Index Values						
Structural Crack Index	N/A	N/A				
Alligator Crack Index	N/A	N/A				
Longitudinal Crack Index	N/A	N/A				
Transverse Cracking Index	N/A	N/A				
Patching Index	N/A	N/A				
Rutting Index	N/A	N/A				
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				

This route has sections of road that were manually rated due to the severe deterioration of the pavement. The PCR was provided but no other distress indices were populated.

Grand Canyon National Park

ROUTE 0279NZ: TRAILER VILLAGE ROAD N

Subcomponent of Route GRCA-0279ZZ
 Data Collection Vehicle (DCV) Rating



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

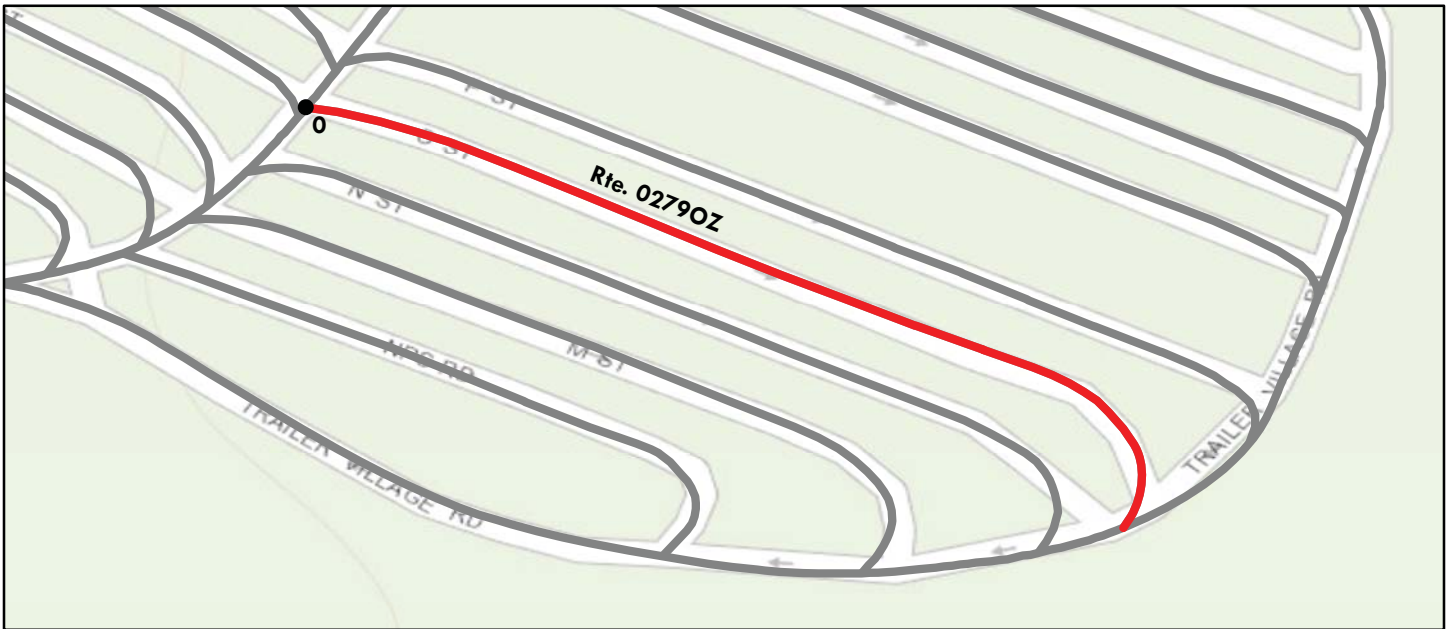
Route Condition Legend – Pavement Condition Rating (PCR)						
Poor (0 - 60)	Fair (61- 84)	Good (85 - 94)	Excellent (95 - 100)	Not Rated		
See Appendix for definitions and formulas						
Inspection Date: 7/9/2016	Beginning Section MP	0				
Paved Length (Miles): 0.13	Section Length (MI)	0.13				
Surface Type: ASPHALT	Route Summary					
Roadway Condition Information						
Pavement Condition Rating (PCR)	15	15				
Surface Condition Rating (SCR)	N/A	N/A				
Roughness Condition Index (RCI)	N/A	N/A				
Distress Index Values						
Structural Crack Index	N/A	N/A				
Alligator Crack Index	N/A	N/A				
Longitudinal Crack Index	N/A	N/A				
Transverse Cracking Index	N/A	N/A				
Patching Index	N/A	N/A				
Rutting Index	N/A	N/A				
International Roughness Index (IRI)	N/A	N/A				
Lane & Width Information						
Number of Lanes	1	1				
Paved Width (ft)	10.9	10.9				
Lane Width (ft)	10.9	10.9				

This route has sections of road that were manually rated due to the severe deterioration of the pavement. The PCR was provided but no other distress indices were populated.

Grand Canyon National Park

ROUTE 0279OZ: TRAILER VILLAGE ROAD O

Subcomponent of Route GRCA-0279ZZ
Data Collection Vehicle (DCV) Rating



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

Route Condition Legend – 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: 7/9/2016	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)	9	9				
Surface Condition Rating (SCR)	N/A	N/A				
Roughness Condition Index (RCI)	N/A	N/A				
Distress Index Values						
Structural Crack Index	N/A	N/A				
Alligator Crack Index	N/A	N/A				
Longitudinal Crack Index	N/A	N/A				
Transverse Cracking Index	N/A	N/A				
Patching Index	N/A	N/A				
Rutting Index	N/A	N/A				
International Roughness Index (IRI)	N/A	N/A				
Lane & Width Information						
Number of Lanes	1	1				
Paved Width (ft)	12.5	12.5				
Lane Width (ft)	12.5	12.5				

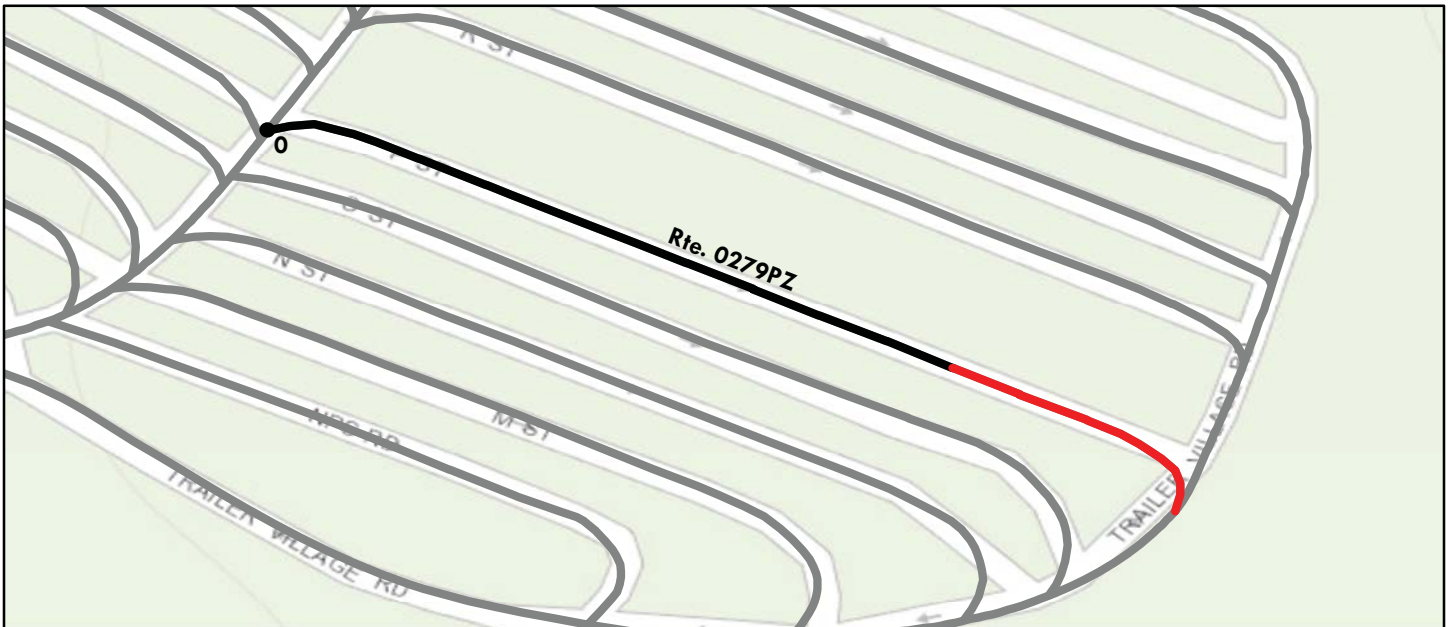
This route has sections of road that were manually rated due to the severe deterioration of the pavement. The PCR was provided but no other distress indices were populated.

Grand Canyon National Park

ROUTE 0279PZ: TRAILER VILLAGE ROAD P

Subcomponent of Route GRCA-0279ZZ

Data Collection Vehicle (DCV) Rating



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

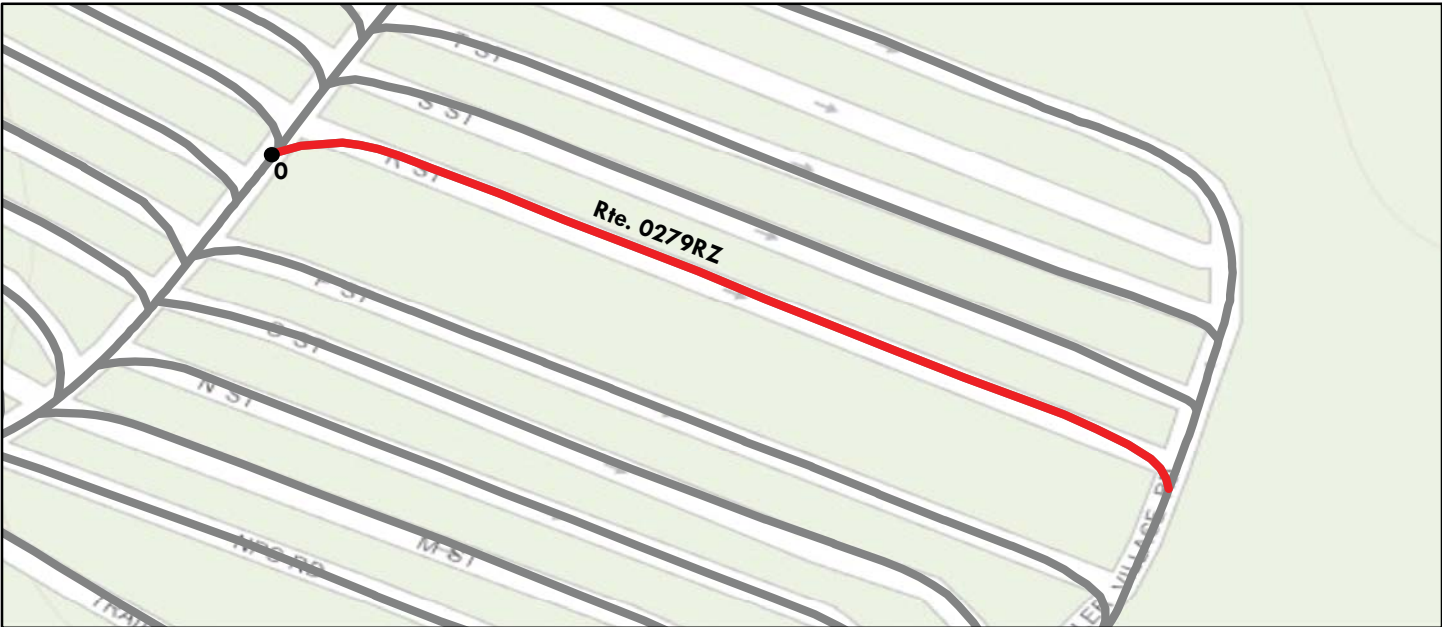
Route Condition Legend – Pavement Condition Rating (PCR)						
Poor (0 - 60)	Fair (61- 84)	Good (85 - 94)	Excellent (95 - 100)	Not Rated		
See Appendix for definitions and formulas						
Inspection Date: 7/9/2016	Beginning Section MP	0				
Paved Length (Miles): 0.14	Section Length (MI)	0.14				
Surface Type: ASPHALT	Route Summary					
Roadway Condition Information						
Pavement Condition Rating (PCR)	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	75	75				
Longitudinal Crack Index	0	0				
Transverse Cracking Index	59	59				
Patching Index	91	91				
Rutting Index	79	79				
International Roughness Index (IRI)	N/A	N/A				
Lane & Width Information						
Number of Lanes	1	1				
Paved Width (ft)	11.1	11.1				
Lane Width (ft)	11.1	11.1				

No data collected in sections with poor condition.

Grand Canyon National Park

ROUTE 0279RZ: TRAILER VILLAGE ROAD R

Subcomponent of Route GRCA-0279ZZ
 Data Collection Vehicle (DCV) Rating



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

Route Condition Legend – 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: 7/9/2016	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)	0	0				
Surface Condition Rating (SCR)	N/A	N/A				
Roughness Condition Index (RCI)	N/A	N/A				
Distress Index Values						
Structural Crack Index	N/A	N/A				
Alligator Crack Index	N/A	N/A				
Longitudinal Crack Index	N/A	N/A				
Transverse Cracking Index	N/A	N/A				
Patching Index	N/A	N/A				
Rutting Index	N/A	N/A				
International Roughness Index (IRI)	N/A	N/A				
Lane & Width Information						
Number of Lanes	1	1				
Paved Width (ft)	12.4	12.4				
Lane Width (ft)	12.4	12.4				

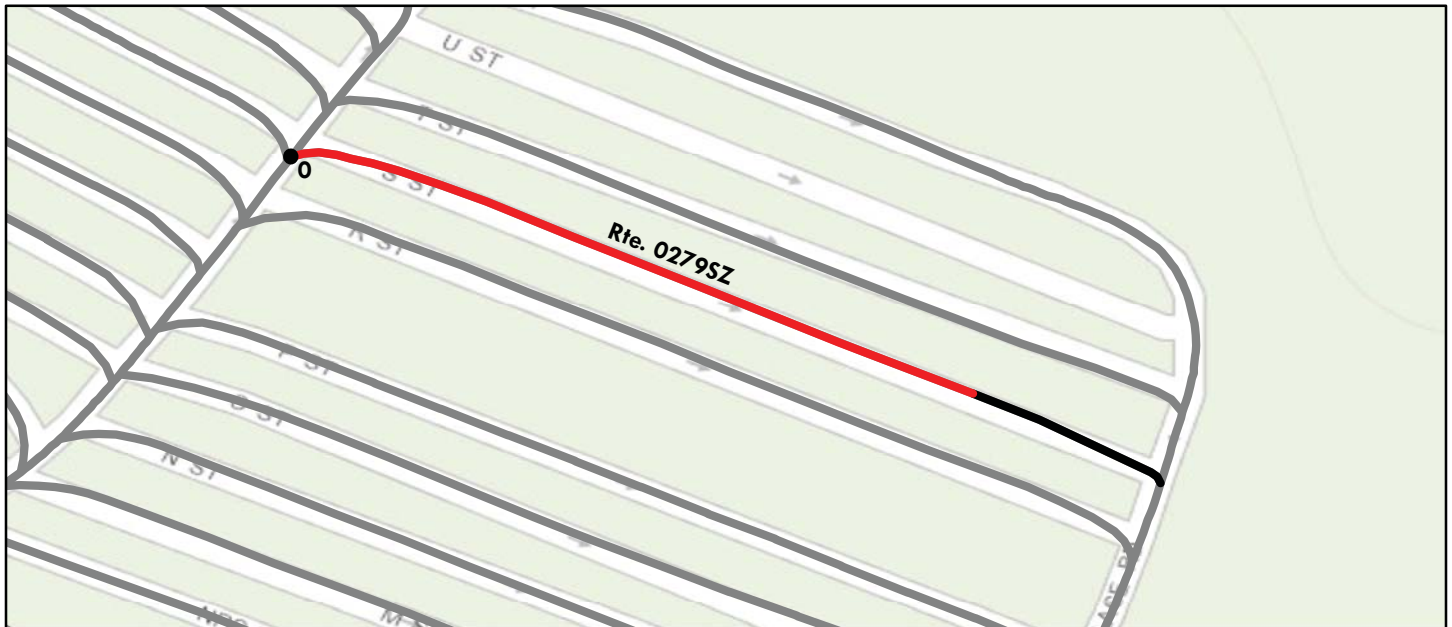
This route has sections of road that were manually rated due to the severe deterioration of the pavement. The PCR was provided but no other distress indices were populated.

Grand Canyon National Park

ROUTE 0279SZ: TRAILER VILLAGE ROAD S

Subcomponent of Route GRCA-0279ZZ

Data Collection Vehicle (DCV) Rating



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

Route Condition Legend – 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: 7/9/2016	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)	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	0	0				
Longitudinal Crack Index	41	41				
Transverse Cracking Index	62	62				
Patching Index	99	99				
Rutting Index	91	91				
International Roughness Index (IRI)	N/A	N/A				
Lane & Width Information						
Number of Lanes	1	1				
Paved Width (ft)	13.1	13.1				
Lane Width (ft)	13.1	13.1				

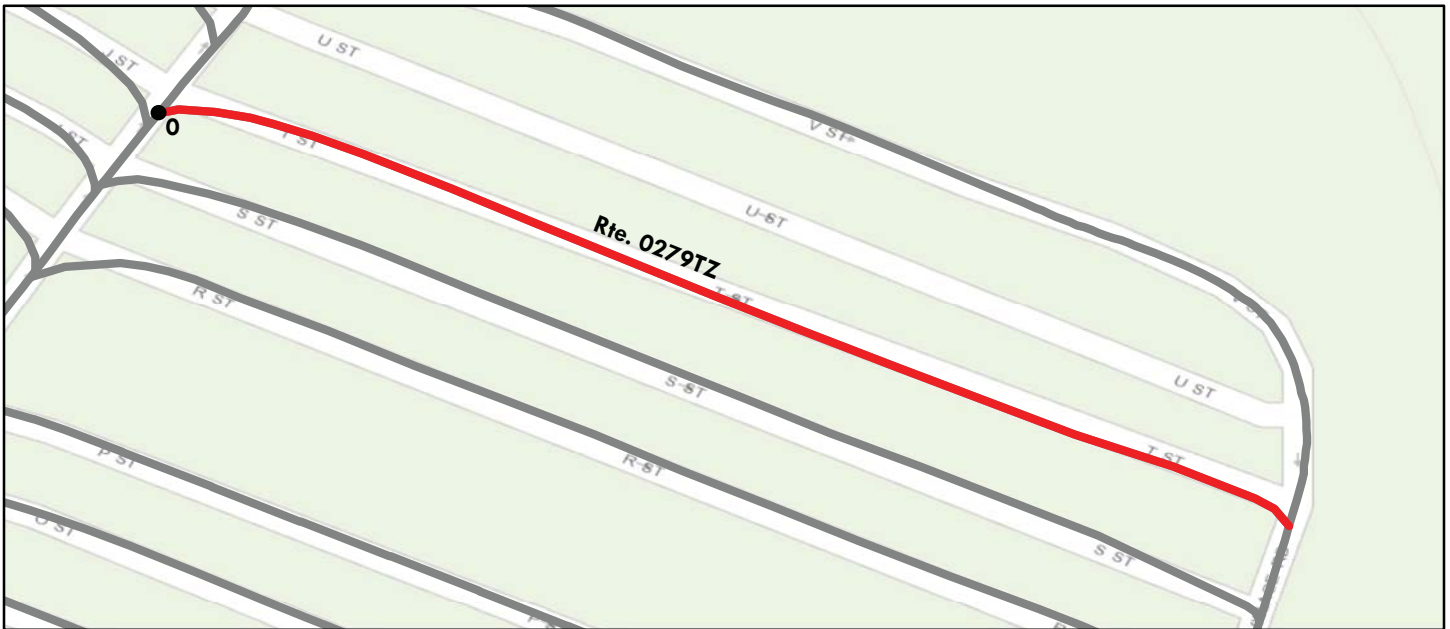
No data collected in sections with poor condition.

Grand Canyon National Park

ROUTE 0279TZ: TRAILER VILLAGE ROAD T

Subcomponent of Route GRCA-0279ZZ

Data Collection Vehicle (DCV) Rating



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

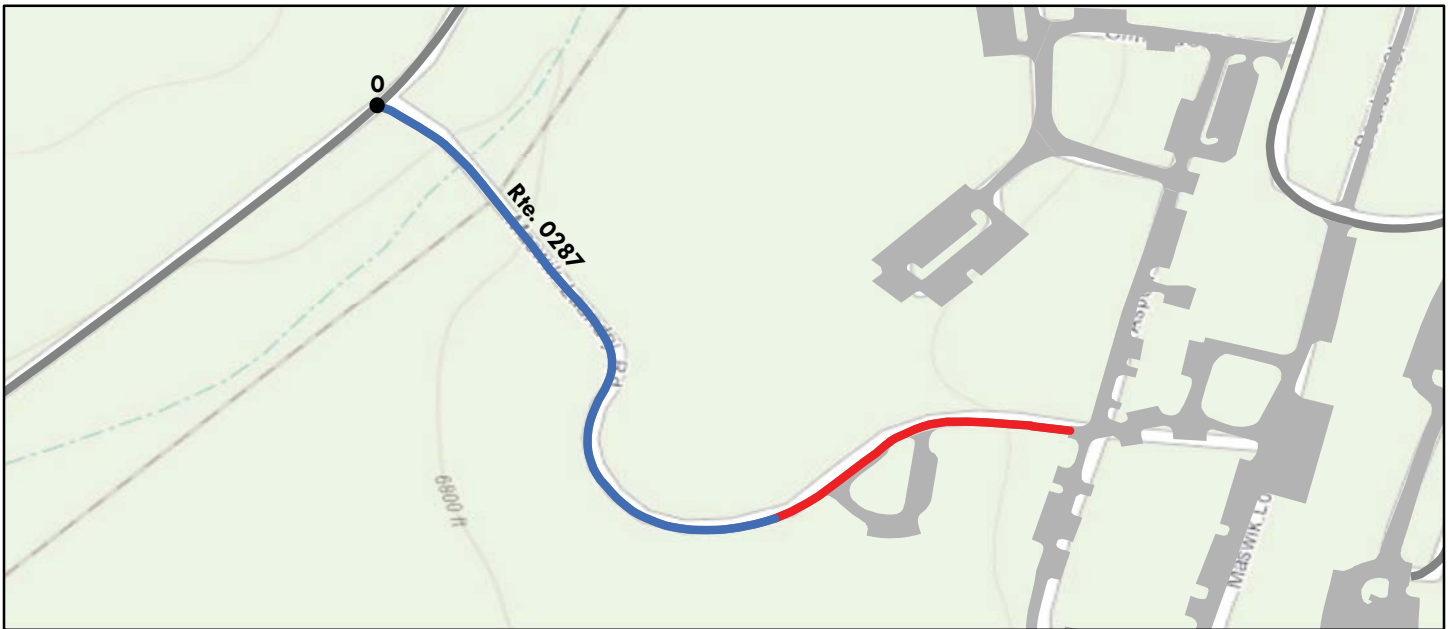
Route Condition Legend – Pavement Condition Rating (PCR)						
Poor (0 - 60)	Fair (61- 84)	Good (85 - 94)	Excellent (95 - 100)	Not Rated		
See Appendix for definitions and formulas						
Inspection Date: 7/9/2016	Beginning Section MP	0				
Paved Length (Miles): 0.12	Section Length (MI)	0.12				
Surface Type: ASPHALT	Route Summary					
Roadway Condition Information						
Pavement Condition Rating (PCR)	0	0				
Surface Condition Rating (SCR)	N/A	N/A				
Roughness Condition Index (RCI)	N/A	N/A				
Distress Index Values						
Structural Crack Index	N/A	N/A				
Alligator Crack Index	N/A	N/A				
Longitudinal Crack Index	N/A	N/A				
Transverse Cracking Index	N/A	N/A				
Patching Index	N/A	N/A				
Rutting Index	N/A	N/A				
International Roughness Index (IRI)	N/A	N/A				
Lane & Width Information						
Number of Lanes	1	1				
Paved Width (ft)	11.7	11.7				
Lane Width (ft)	11.7	11.7				

This route has sections of road that were manually rated due to the severe deterioration of the pavement. The PCR was provided but no other distress indices were populated.

Grand Canyon National Park

ROUTE 0287: MASWICK LAUNDRY ROAD

Data Collection Vehicle (DCV) Rating



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

Route Condition Legend – 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: 7/8/2016	Beginning Section MP	0				
Paved Length (Miles): 0.29	Section Length (MI)	0.29				
Surface Type: ASPHALT	Route Summary					
Roadway Condition Information						
Pavement Condition Rating (PCR)	84	84				
Surface Condition Rating (SCR)	84	84				
Roughness Condition Index (RCI)	N/A	N/A				
Distress Index Values						
Structural Crack Index	84	84				
Alligator Crack Index	94	94				
Longitudinal Crack Index	90	90				
Transverse Cracking Index	90	90				
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)	22.4	22.4				
Lane Width (ft)	10.2	10.2				

Grand Canyon National Park

ROUTE 0288: CLINIC ACCESS ROAD

Data Collection Vehicle (DCV) Rating



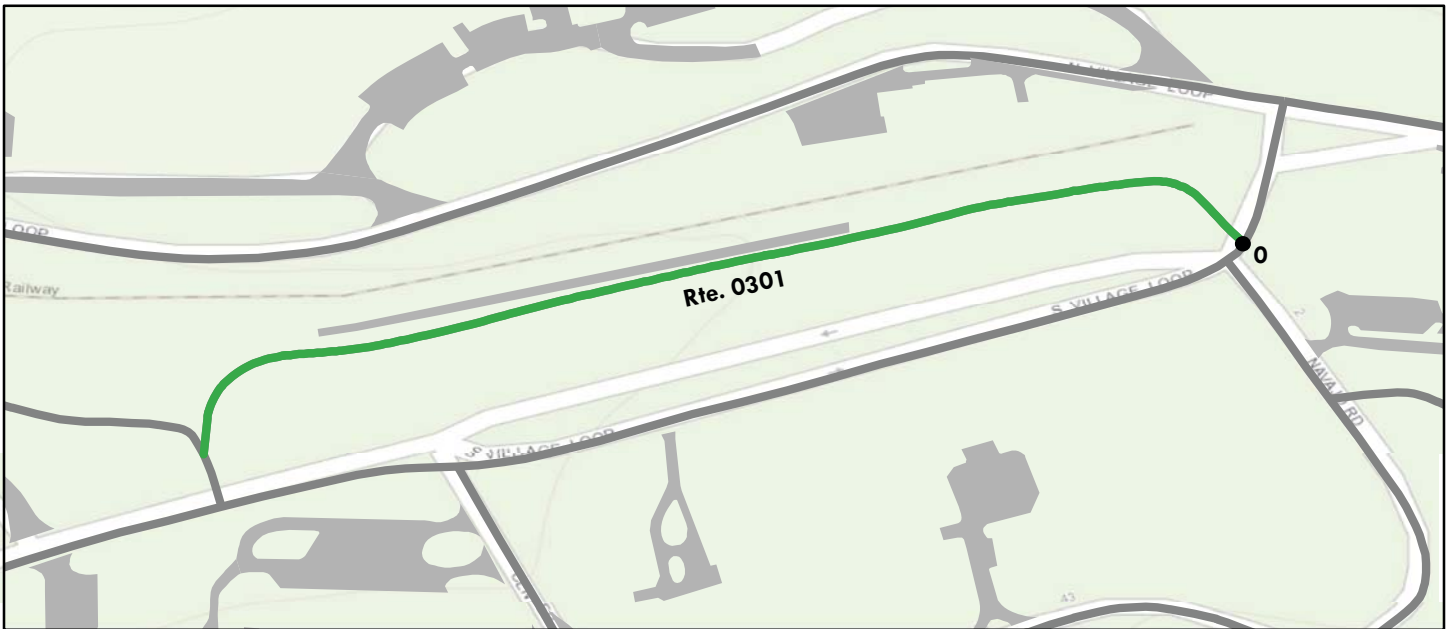
Sources: Esri, DeLorme, NAVTEQ, TomTom, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), swisstopo, and the GIS User Community

Route Condition Legend – 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: 7/8/2016	Beginning Section MP	0				
Paved Length (Miles): 0.41	Section Length (MI)	0.41				
Surface Type: ASPHALT	Route Summary					
Roadway Condition Information						
Pavement Condition Rating (PCR)	54	54				
Surface Condition Rating (SCR)	54	54				
Roughness Condition Index (RCI)	N/A	N/A				
Distress Index Values						
Structural Crack Index	54	54				
Alligator Crack Index	76	76				
Longitudinal Crack Index	78	78				
Transverse Cracking Index	67	67				
Patching Index	99	99				
Rutting Index	94	94				
International Roughness Index (IRI)	N/A	N/A				
Lane & Width Information						
Number of Lanes	2	2				
Paved Width (ft)	22.3	22.3				
Lane Width (ft)	10.5	10.5				

Grand Canyon National Park

ROUTE 0301: RAILROAD TRACK ACCESS ROAD

Data Collection Vehicle (DCV) Rating



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

Route Condition Legend – 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: 7/8/2016	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)	94	94				
Surface Condition Rating (SCR)	94	94				
Roughness Condition Index (RCI)	N/A	N/A				
Distress Index Values						
Structural Crack Index	99	99				
Alligator Crack Index	99	99				
Longitudinal Crack Index	100	100				
Transverse Cracking Index	100	100				
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)	15.8	15.8				
Lane Width (ft)	15.6	15.6				

Grand Canyon National Park

ROUTE 0402: SERVICE ROAD TO SUPAI CAMP

Data Collection Vehicle (DCV) Rating



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

Route Condition Legend – 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: 7/8/2016	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)	83	83				
Surface Condition Rating (SCR)	83	83				
Roughness Condition Index (RCI)	N/A	N/A				
Distress Index Values						
Structural Crack Index	83	83				
Alligator Crack Index	93	93				
Longitudinal Crack Index	90	90				
Transverse Cracking Index	98	98				
Patching Index	100	100				
Rutting Index	93	93				
International Roughness Index (IRI)	N/A	N/A				
Lane & Width Information						
Number of Lanes	2	2				
Paved Width (ft)	12.7	12.7				
Lane Width (ft)	6.4	6.4				

Grand Canyon National Park

ROUTE 0403: TONTO STREET

Data Collection Vehicle (DCV) Rating



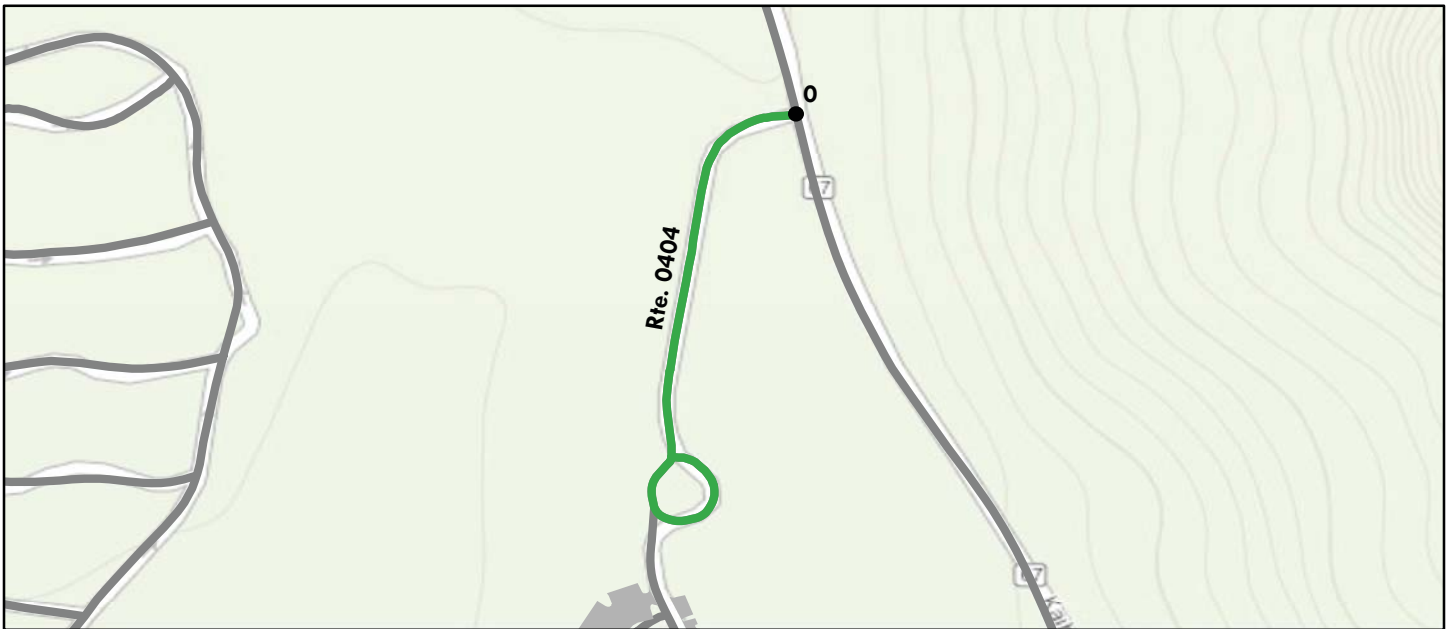
Sources: Esri, DeLorme, NAVTEQ, TomTom, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), swisstopo, and the GIS User Community

Route Condition Legend – 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: 7/8/2016	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)	83	83				
Surface Condition Rating (SCR)	83	83				
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	83	83				
Patching Index	100	100				
Rutting Index	91	91				
International Roughness Index (IRI)	N/A	N/A				
Lane & Width Information						
Number of Lanes	2	2				
Paved Width (ft)	19.3	19.3				
Lane Width (ft)	9.9	9.9				

Grand Canyon National Park

ROUTE 0404: AUTO SHOP ROAD

Data Collection Vehicle (DCV) Rating



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

Route Condition Legend – 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: 7/7/2016	Beginning Section MP	0				
Paved Length (Miles): 0.18	Section Length (MI)	0.18				
Surface Type: ASPHALT	Route Summary					
Roadway Condition Information						
Pavement Condition Rating (PCR)	90	90				
Surface Condition Rating (SCR)	90	90				
Roughness Condition Index (RCI)	N/A	N/A				
Distress Index Values						
Structural Crack Index	96	96				
Alligator Crack Index	100	100				
Longitudinal Crack Index	96	96				
Transverse Cracking Index	93	93				
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)	16.2	16.2				
Lane Width (ft)	10.3	10.3				

Grand Canyon National Park

ROUTE 0405: ADMIN LOOP

Data Collection Vehicle (DCV) Rating



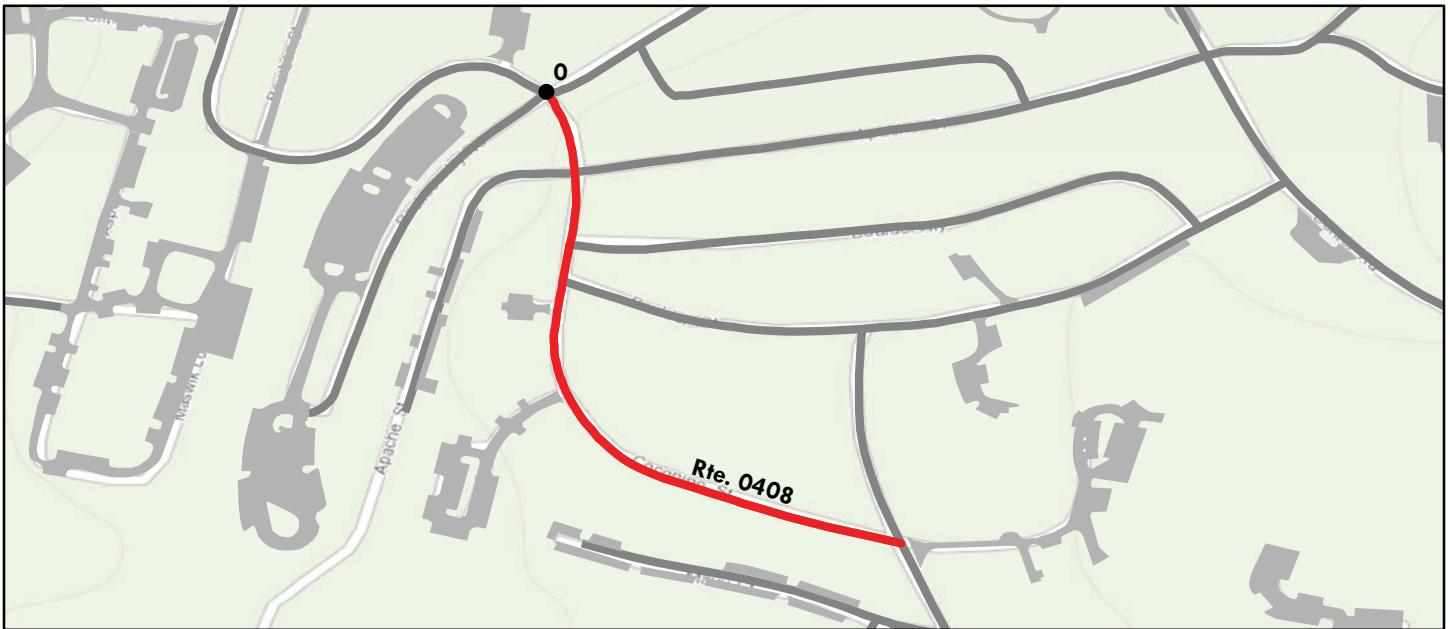
Sources: Esri, DeLorme, NAVTEQ, TomTom, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), swisstopo, and the GIS User Community

Route Condition Legend – 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: 7/7/2016	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)	83	83				
Surface Condition Rating (SCR)	83	83				
Roughness Condition Index (RCI)	N/A	N/A				
Distress Index Values						
Structural Crack Index	83	83				
Alligator Crack Index	97	97				
Longitudinal Crack Index	86	86				
Transverse Cracking Index	85	85				
Patching Index	98	98				
Rutting Index	92	92				
International Roughness Index (IRI)	N/A	N/A				
Lane & Width Information						
Number of Lanes	1	1				
Paved Width (ft)	14.6	14.6				
Lane Width (ft)	13.2	13.2				

Grand Canyon National Park

ROUTE 0408: COCONINO ROAD

Data Collection Vehicle (DCV) Rating



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

Route Condition Legend – 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: 7/8/2016	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)	30	30				
Surface Condition Rating (SCR)	30	30				
Roughness Condition Index (RCI)	N/A	N/A				
Distress Index Values						
Structural Crack Index	34	34				
Alligator Crack Index	86	86				
Longitudinal Crack Index	48	48				
Transverse Cracking Index	30	30				
Patching Index	98	98				
Rutting Index	89	89				
International Roughness Index (IRI)	N/A	N/A				
Lane & Width Information						
Number of Lanes	2	2				
Paved Width (ft)	21.4	21.4				
Lane Width (ft)	10.4	10.4				

Grand Canyon National Park

ROUTE 0409: BOULDER STREET

Data Collection Vehicle (DCV) Rating



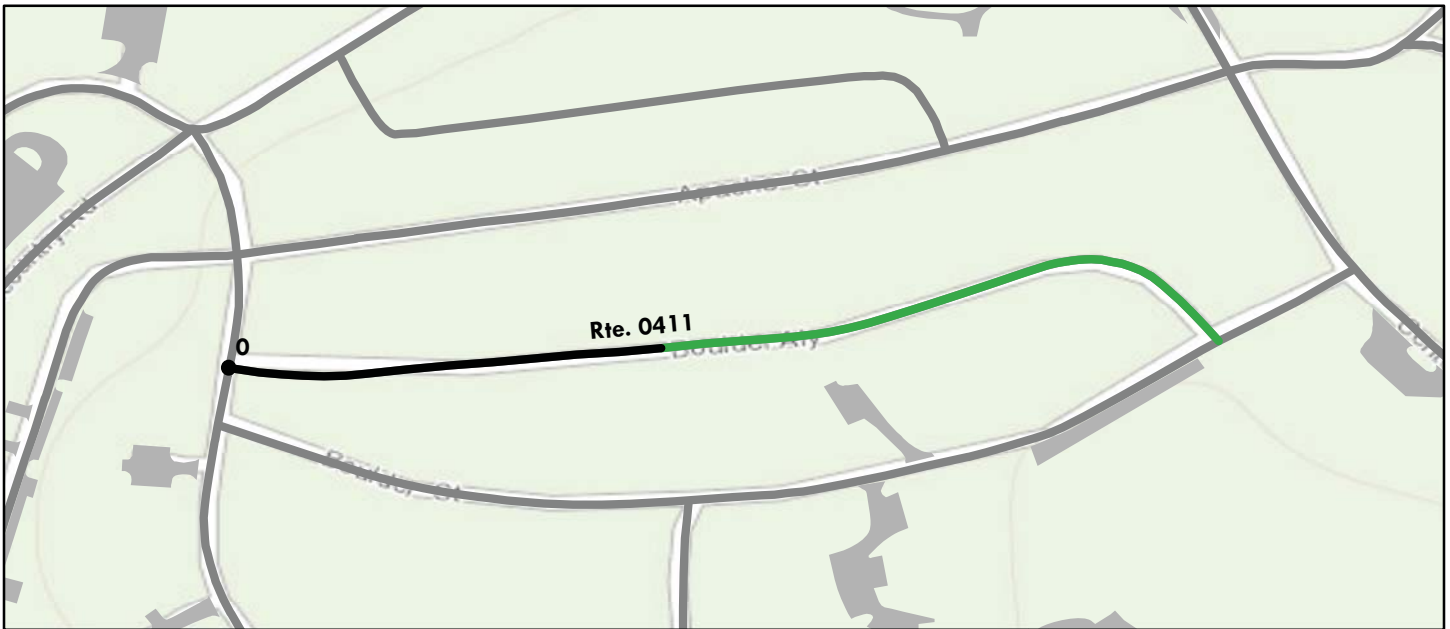
Sources: Esri, DeLorme, NAVTEQ, TomTom, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), swisstopo, and the GIS User Community

Route Condition Legend – 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: 7/8/2016	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)	95	95				
Surface Condition Rating (SCR)	95	95				
Roughness Condition Index (RCI)	N/A	N/A				
Distress Index Values						
Structural Crack Index	98	98				
Alligator Crack Index	100	100				
Longitudinal Crack Index	98	98				
Transverse Cracking Index	95	95				
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)	21.6	21.6				
Lane Width (ft)	10.8	10.8				

Grand Canyon National Park

ROUTE 0411: BOULDER ALLEY

Data Collection Vehicle (DCV) Rating



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

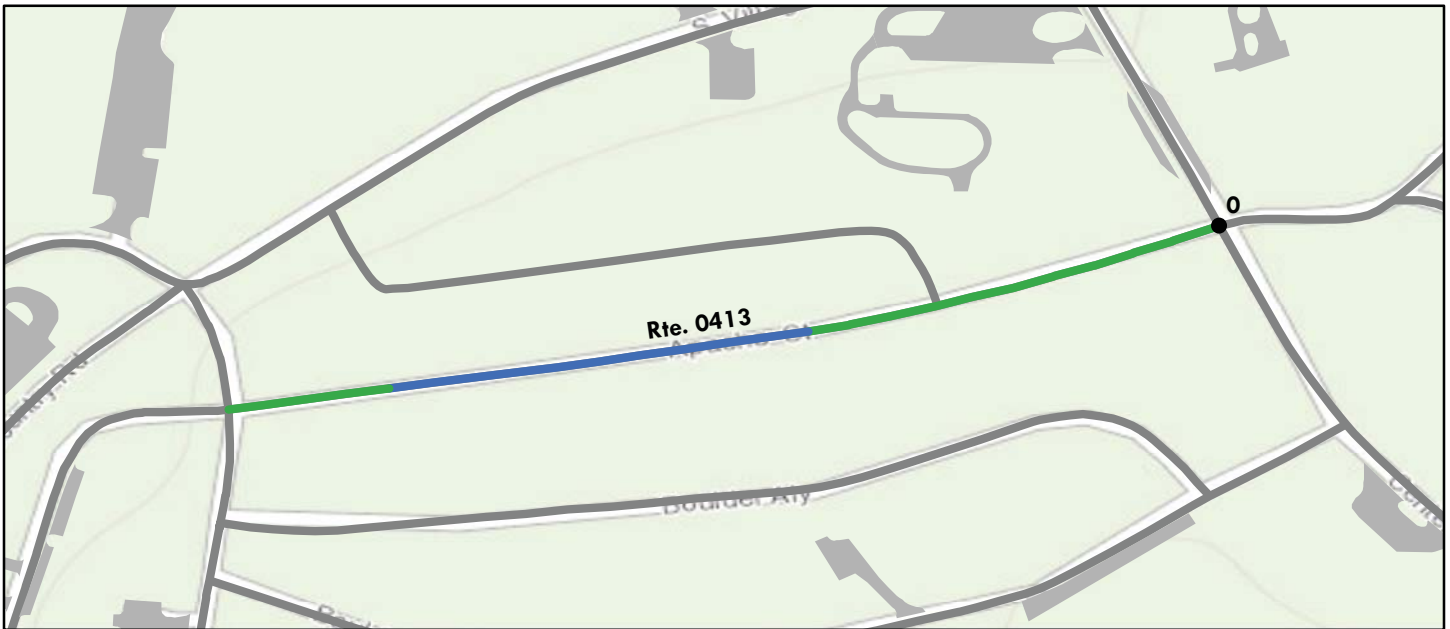
Route Condition Legend – Pavement Condition Rating (PCR)						
Poor (0 - 60)	Fair (61- 84)	Good (85 - 94)	Excellent (95 - 100)	Not Rated		
See Appendix for definitions and formulas						
Inspection Date: 7/8/2016	Beginning Section MP	0				
Paved Length (Miles): 0.24	Section Length (MI)	0.24				
Surface Type: ASPHALT	Route Summary					
Roadway Condition Information						
Pavement Condition Rating (PCR)	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	2	2				
Paved Width (ft)	14.1	14.1				
Lane Width (ft)	7.1	7.1				

No data collected in sections with poor condition.

Grand Canyon National Park

ROUTE 0413: APACHE STREET

Data Collection Vehicle (DCV) Rating



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

Route Condition Legend – 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: 7/8/2016	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	98	98				
Alligator Crack Index	100	100				
Longitudinal Crack Index	98	98				
Transverse Cracking Index	92	92				
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)	14.2	14.2				
Lane Width (ft)	14.2	14.2				

Grand Canyon National Park

ROUTE 0414: APACHE WEST

Data Collection Vehicle (DCV) Rating



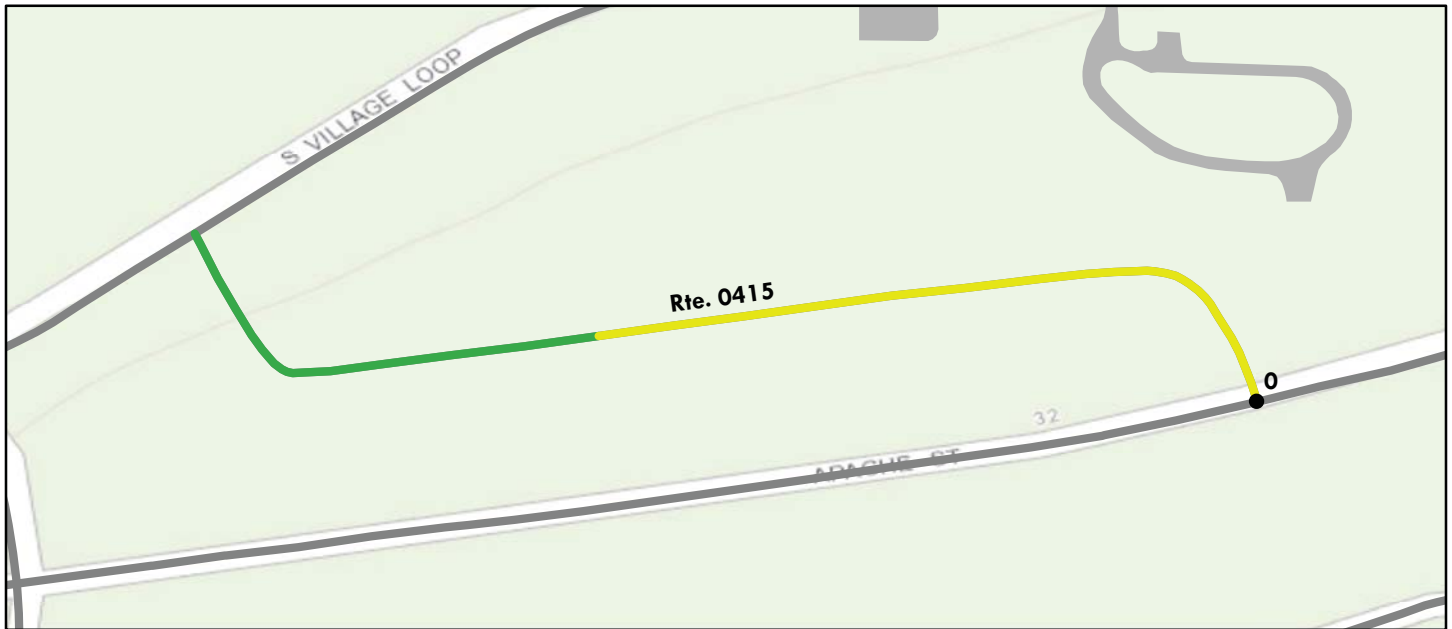
Sources: Esri, DeLorme, NAVTEQ, TomTom, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), swisstopo, and the GIS User Community

Route Condition Legend – 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: 7/8/2016	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)	88	88				
Surface Condition Rating (SCR)	88	88				
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	98	98				
Rutting Index	88	88				
International Roughness Index (IRI)	N/A	N/A				
Lane & Width Information						
Number of Lanes	2	2				
Paved Width (ft)	21.1	21.1				
Lane Width (ft)	10.6	10.6				

Grand Canyon National Park

ROUTE 0415: APACHE ALLEY

Data Collection Vehicle (DCV) Rating



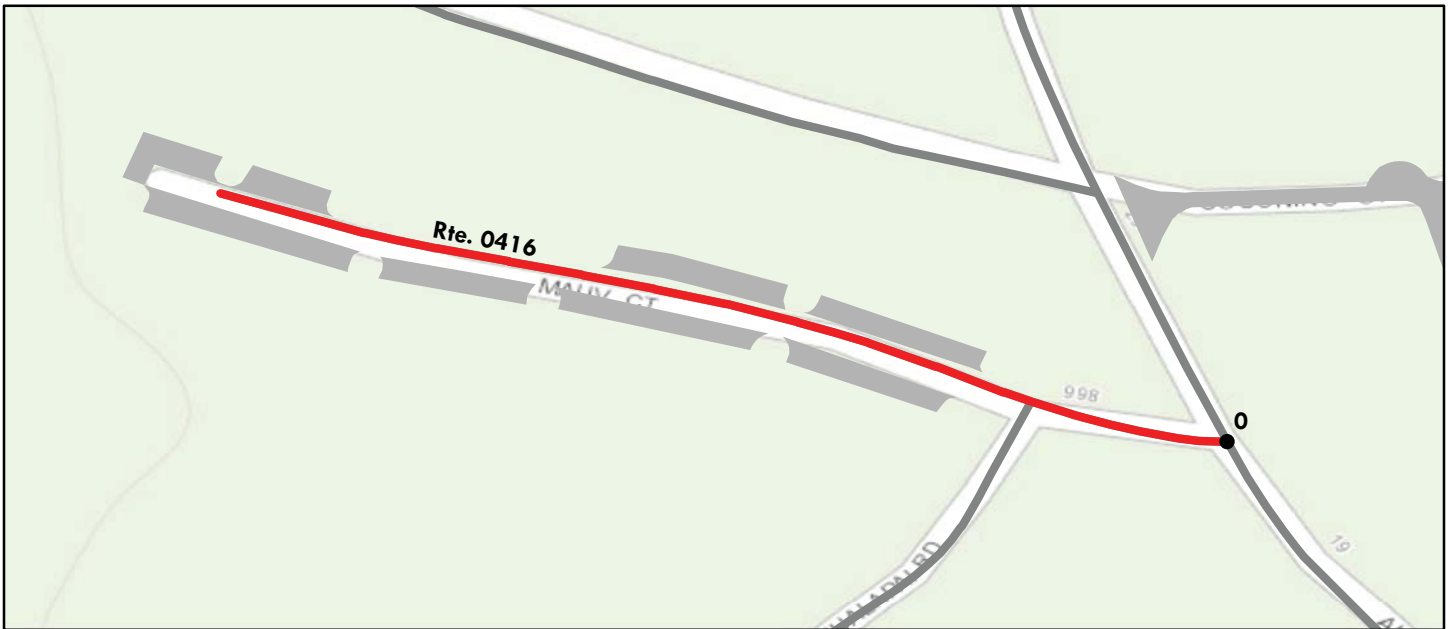
Sources: Esri, DeLorme, NAVTEQ, TomTom, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), swisstopo, and the GIS User Community

Route Condition Legend – 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: 7/8/2016	Beginning Section MP	0				
Paved Length (Miles): 0.16	Section Length (MI)	0.16				
Surface Type: ASPHALT	Route Summary					
Roadway Condition Information						
Pavement Condition Rating (PCR)	86	86				
Surface Condition Rating (SCR)	86	86				
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	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)	15.1	15.1				
Lane Width (ft)	7.6	7.6				

Grand Canyon National Park

ROUTE 0416: MUAV COURT

Data Collection Vehicle (DCV) Rating



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

Route Condition Legend – 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: 7/8/2016	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)	46	46				
Surface Condition Rating (SCR)	46	46				
Roughness Condition Index (RCI)	N/A	N/A				
Distress Index Values						
Structural Crack Index	46	46				
Alligator Crack Index	82	82				
Longitudinal Crack Index	64	64				
Transverse Cracking Index	59	59				
Patching Index	99	99				
Rutting Index	96	96				
International Roughness Index (IRI)	N/A	N/A				
Lane & Width Information						
Number of Lanes	2	2				
Paved Width (ft)	23.1	23.1				
Lane Width (ft)	10.8	10.8				

Grand Canyon National Park

ROUTE 0417: HUALAPAI ROAD

Data Collection Vehicle (DCV) Rating



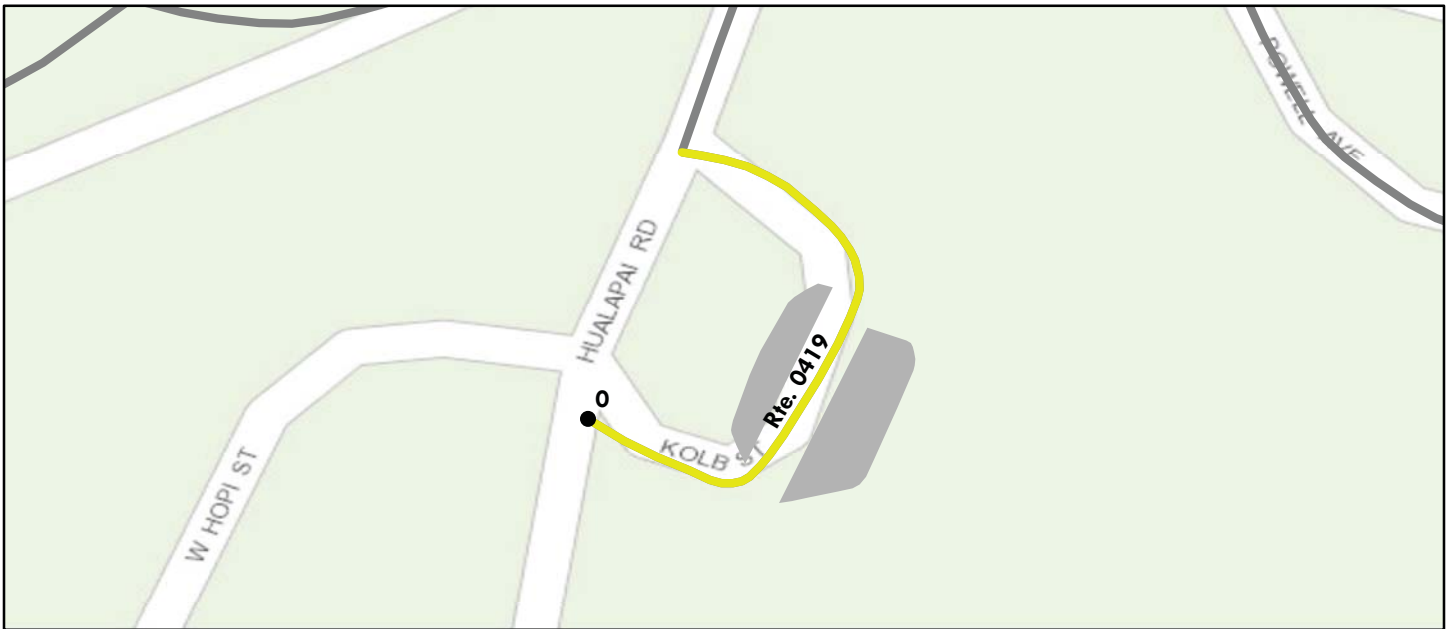
Sources: Esri, DeLorme, NAVTEQ, TomTom, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), swisstopo, and the GIS User Community

Route Condition Legend – 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: 7/8/2016	Beginning Section MP	0				
Paved Length (Miles): 0.2	Section Length (MI)	0.2				
Surface Type: ASPHALT	Route Summary					
Roadway Condition Information						
Pavement Condition Rating (PCR)	41	41				
Surface Condition Rating (SCR)	41	41				
Roughness Condition Index (RCI)	N/A	N/A				
Distress Index Values						
Structural Crack Index	41	41				
Alligator Crack Index	81	81				
Longitudinal Crack Index	60	60				
Transverse Cracking Index	50	50				
Patching Index	99	99				
Rutting Index	94	94				
International Roughness Index (IRI)	N/A	N/A				
Lane & Width Information						
Number of Lanes	2	2				
Paved Width (ft)	22.7	22.7				
Lane Width (ft)	10.6	10.6				

Grand Canyon National Park

ROUTE 0419: KOLB STREET

Data Collection Vehicle (DCV) Rating



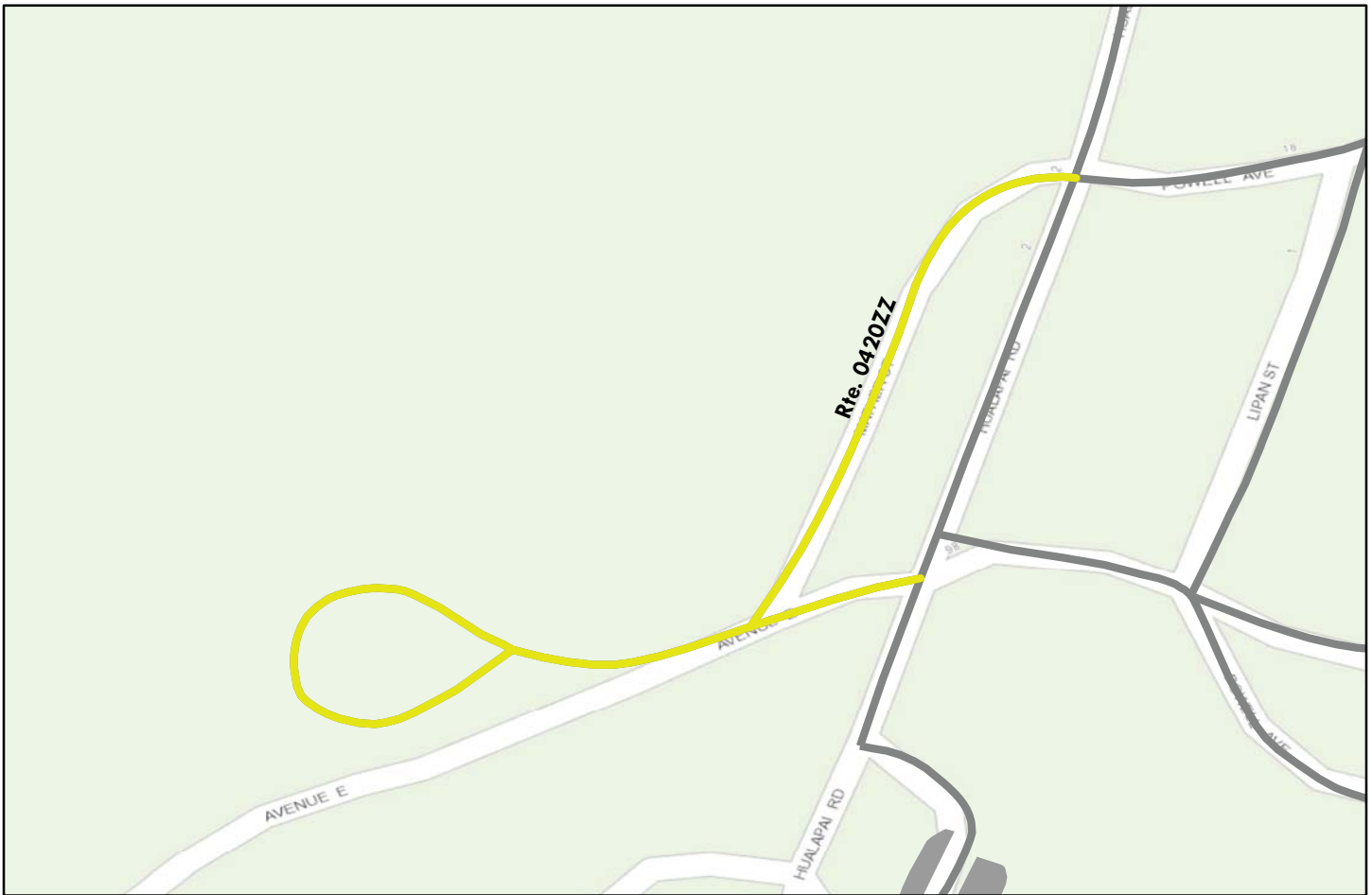
Sources: Esri, DeLorme, NAVTEQ, TomTom, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), swisstopo, and the GIS User Community

Route Condition Legend – 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: 7/8/2016	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)	77	77				
Surface Condition Rating (SCR)	77	77				
Roughness Condition Index (RCI)	N/A	N/A				
Distress Index Values						
Structural Crack Index	95	95				
Alligator Crack Index	100	100				
Longitudinal Crack Index	95	95				
Transverse Cracking Index	77	77				
Patching Index	100	100				
Rutting Index	90	90				
International Roughness Index (IRI)	N/A	N/A				
Lane & Width Information						
Number of Lanes	2	2				
Paved Width (ft)	17.8	17.8				
Lane Width (ft)	8.9	8.9				

Grand Canyon National Park

ROUTE 0420ZZ: MATHER STREET AREA

Summary Route



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

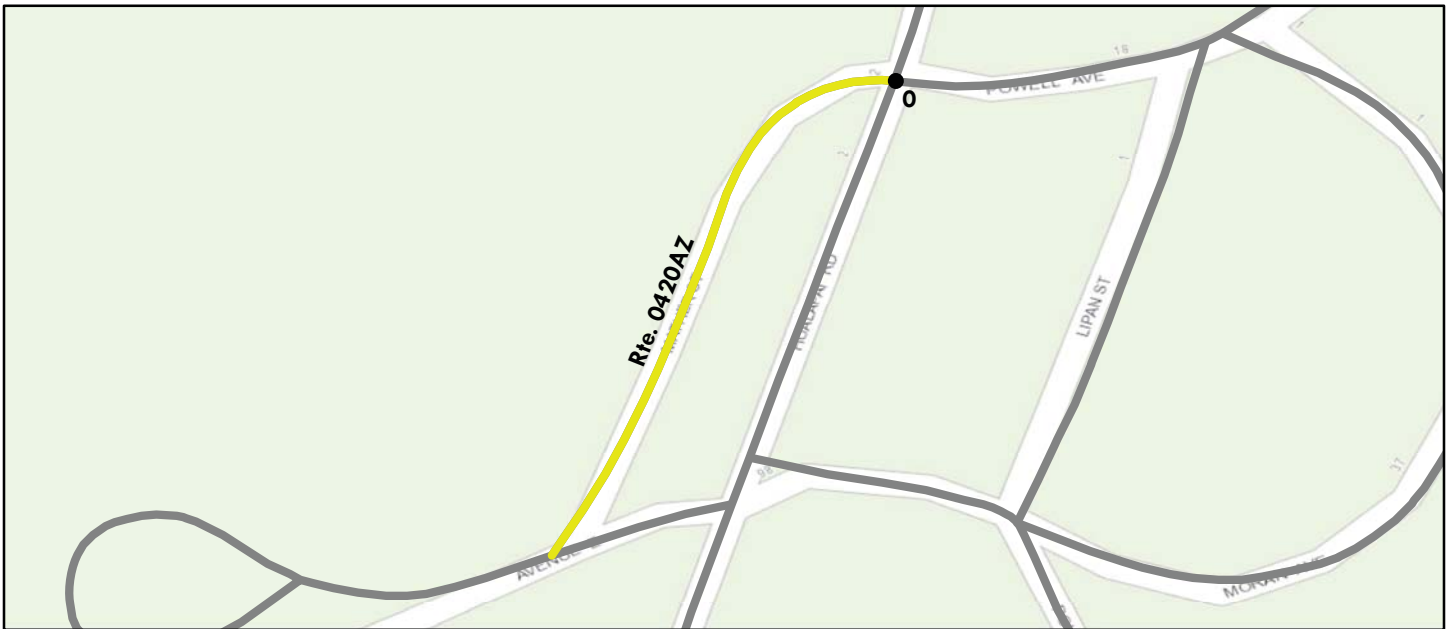
Note: The weighted average summary PCR value is calculated from only the sections of road where the PCR was collected. The overall PCR for the summary route may not reflect individual subcomponent ratings.

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:	7/8/2016					
Paved Length (Miles):	0.17					
Surface Type:	ASPHALT	Route Summary				
Roadway Condition Information						
Pavement Condition Rating (PCR)	77					
Lane & Width Information						
Number of Lanes	1					
Paved Width (ft)	13.8					
Lane Width (ft)	9.6					

Grand Canyon National Park

ROUTE 0420AZ: MATHER STREET A

Subcomponent of Route GRCA-0420ZZ
Data Collection Vehicle (DCV) Rating



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

Route Condition Legend – 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: 7/8/2016	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)	79	79				
Surface Condition Rating (SCR)	79	79				
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	96	96				
Patching Index	79	79				
Rutting Index	89	89				
International Roughness Index (IRI)	N/A	N/A				
Lane & Width Information						
Number of Lanes	1	1				
Paved Width (ft)	13.4	13.4				
Lane Width (ft)	13.4	13.4				

Grand Canyon National Park

ROUTE 0420BZ: MATHER STREET B

Subcomponent of Route GRCA-0420ZZ
Data Collection Vehicle (DCV) Rating



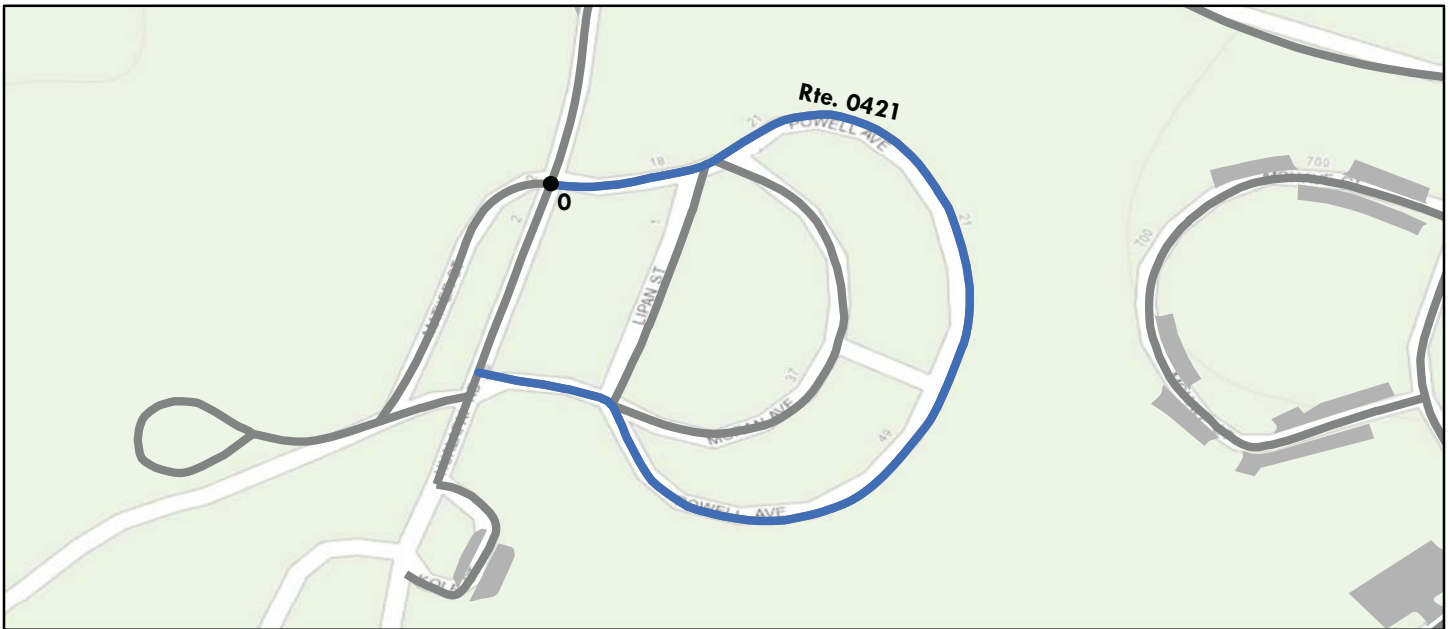
Sources: Esri, DeLorme, NAVTEQ, TomTom, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), swisstopo, and the GIS User Community

Route Condition Legend – 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: 7/8/2016	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)	75	75				
Surface Condition Rating (SCR)	75	75				
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	94	94				
Patching Index	75	75				
Rutting Index	89	89				
International Roughness Index (IRI)	N/A	N/A				
Lane & Width Information						
Number of Lanes	2	2				
Paved Width (ft)	14.1	14.1				
Lane Width (ft)	7	7				

Grand Canyon National Park

ROUTE 0421: POWELL AVENUE A

Data Collection Vehicle (DCV) Rating



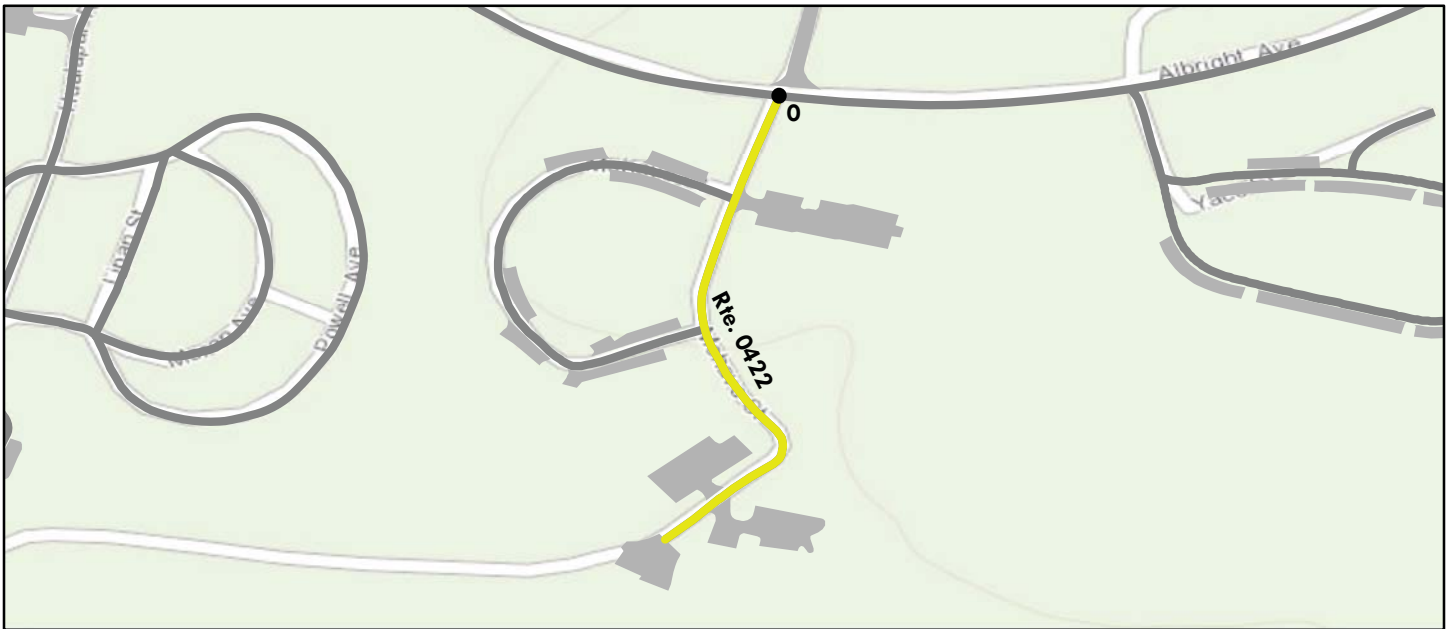
Sources: Esri, DeLorme, NAVTEQ, TomTom, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), swisstopo, and the GIS User Community

Route Condition Legend – 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: 7/8/2016	Beginning Section MP	0				
Paved Length (Miles): 0.26	Section Length (MI)	0.26				
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	99	99				
Alligator Crack Index	100	100				
Longitudinal Crack Index	99	99				
Transverse Cracking Index	98	98				
Patching Index	98	98				
Rutting Index	97	97				
International Roughness Index (IRI)	N/A	N/A				
Lane & Width Information						
Number of Lanes	1	1				
Paved Width (ft)	13.3	13.3				
Lane Width (ft)	12	12				

Grand Canyon National Park

ROUTE 0422: SOUTH MOHAVE STREET

Data Collection Vehicle (DCV) Rating



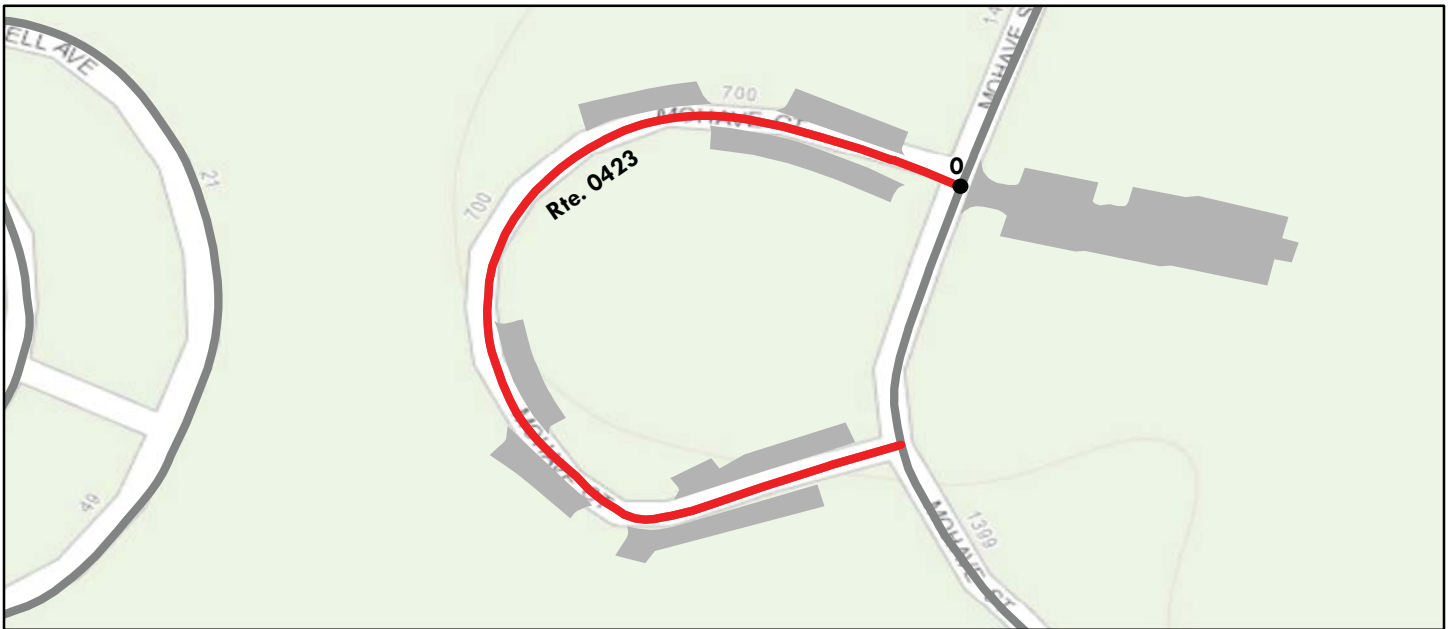
Sources: Esri, DeLorme, NAVTEQ, TomTom, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), swisstopo, and the GIS User Community

Route Condition Legend – 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: 7/8/2016	Beginning Section MP	0				
Paved Length (Miles): 0.17	Section Length (MI)	0.17				
Surface Type: ASPHALT	Route Summary					
Roadway Condition Information						
Pavement Condition Rating (PCR)	71	71				
Surface Condition Rating (SCR)	71	71				
Roughness Condition Index (RCI)	N/A	N/A				
Distress Index Values						
Structural Crack Index	85	85				
Alligator Crack Index	99	99				
Longitudinal Crack Index	86	86				
Transverse Cracking Index	71	71				
Patching Index	99	99				
Rutting Index	93	93				
International Roughness Index (IRI)	N/A	N/A				
Lane & Width Information						
Number of Lanes	2	2				
Paved Width (ft)	19	19				
Lane Width (ft)	8.9	8.9				

Grand Canyon National Park

ROUTE 0423: MOHAVE COURT

Data Collection Vehicle (DCV) Rating



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

Route Condition Legend – 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: 7/8/2016	Beginning Section MP	0				
Paved Length (Miles): 0.16	Section Length (MI)	0.16				
Surface Type: ASPHALT	Route Summary					
Roadway Condition Information						
Pavement Condition Rating (PCR)	37	37				
Surface Condition Rating (SCR)	37	37				
Roughness Condition Index (RCI)	N/A	N/A				
Distress Index Values						
Structural Crack Index	37	37				
Alligator Crack Index	71	71				
Longitudinal Crack Index	66	66				
Transverse Cracking Index	50	50				
Patching Index	100	100				
Rutting Index	90	90				
International Roughness Index (IRI)	N/A	N/A				
Lane & Width Information						
Number of Lanes	2	2				
Paved Width (ft)	20.6	20.6				
Lane Width (ft)	10.3	10.3				

Grand Canyon National Park

ROUTE 0426: MASWICK TRANSPORTATION CENTER ROAD

Data Collection Vehicle (DCV) Rating



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

Route Condition Legend – 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: 7/8/2016	Beginning Section MP	0				
Paved Length (Miles): 0.17	Section Length (MI)	0.17				
Surface Type: ASPHALT	Route Summary					
Roadway Condition Information						
Pavement Condition Rating (PCR)	87	87				
Surface Condition Rating (SCR)	87	87				
Roughness Condition Index (RCI)	N/A	N/A				
Distress Index Values						
Structural Crack Index	88	88				
Alligator Crack Index	91	91				
Longitudinal Crack Index	97	97				
Transverse Cracking Index	87	87				
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)	25.4	25.4				
Lane Width (ft)	12.3	12.3				

Grand Canyon National Park

ROUTE 0427: KENNELS ROAD

Data Collection Vehicle (DCV) Rating



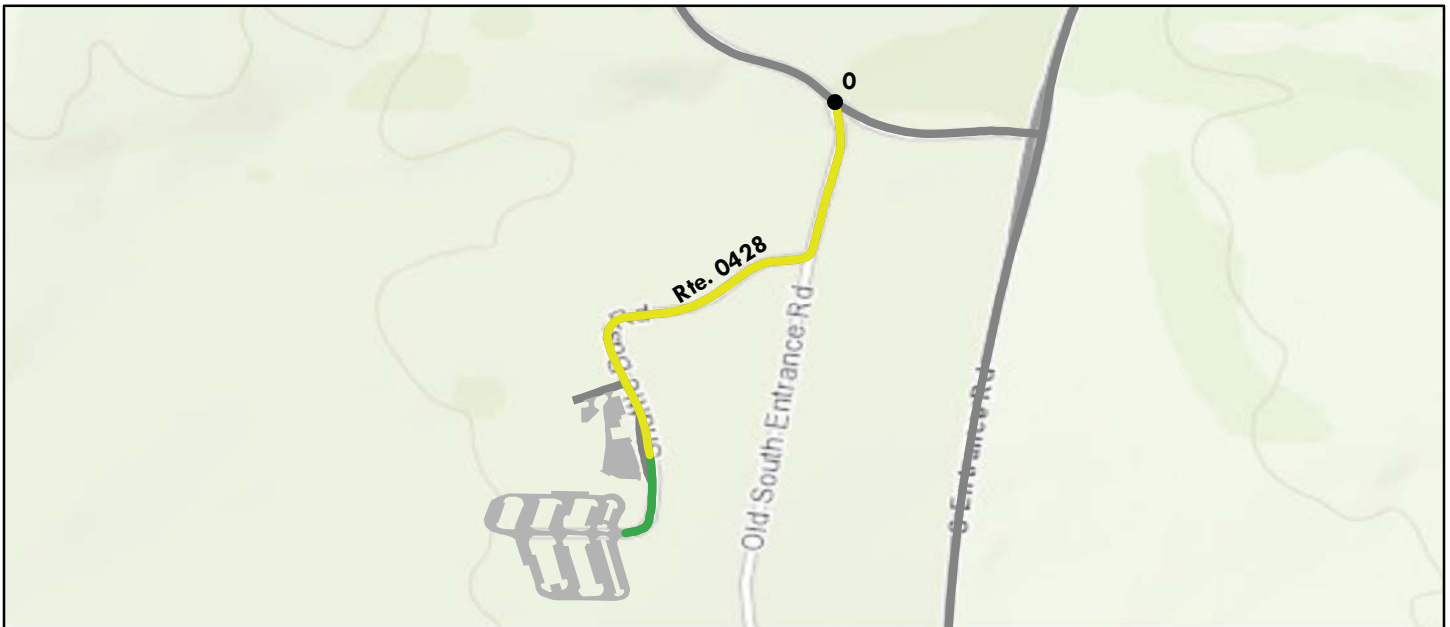
Sources: Esri, DeLorme, NAVTEQ, TomTom, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), swisstopo, and the GIS User Community

Route Condition Legend – 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: 7/8/2016	Beginning Section MP	0				
Paved Length (Miles): 0.17	Section Length (MI)	0.17				
Surface Type: ASPHALT	Route Summary					
Roadway Condition Information						
Pavement Condition Rating (PCR)	92	92				
Surface Condition Rating (SCR)	92	92				
Roughness Condition Index (RCI)	N/A	N/A				
Distress Index Values						
Structural Crack Index	94	94				
Alligator Crack Index	100	100				
Longitudinal Crack Index	94	94				
Transverse Cracking Index	92	92				
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)	15	15				
Lane Width (ft)	10.1	10.1				

Grand Canyon National Park

ROUTE 0428: SHUTTLE BUS ROAD

Data Collection Vehicle (DCV) Rating



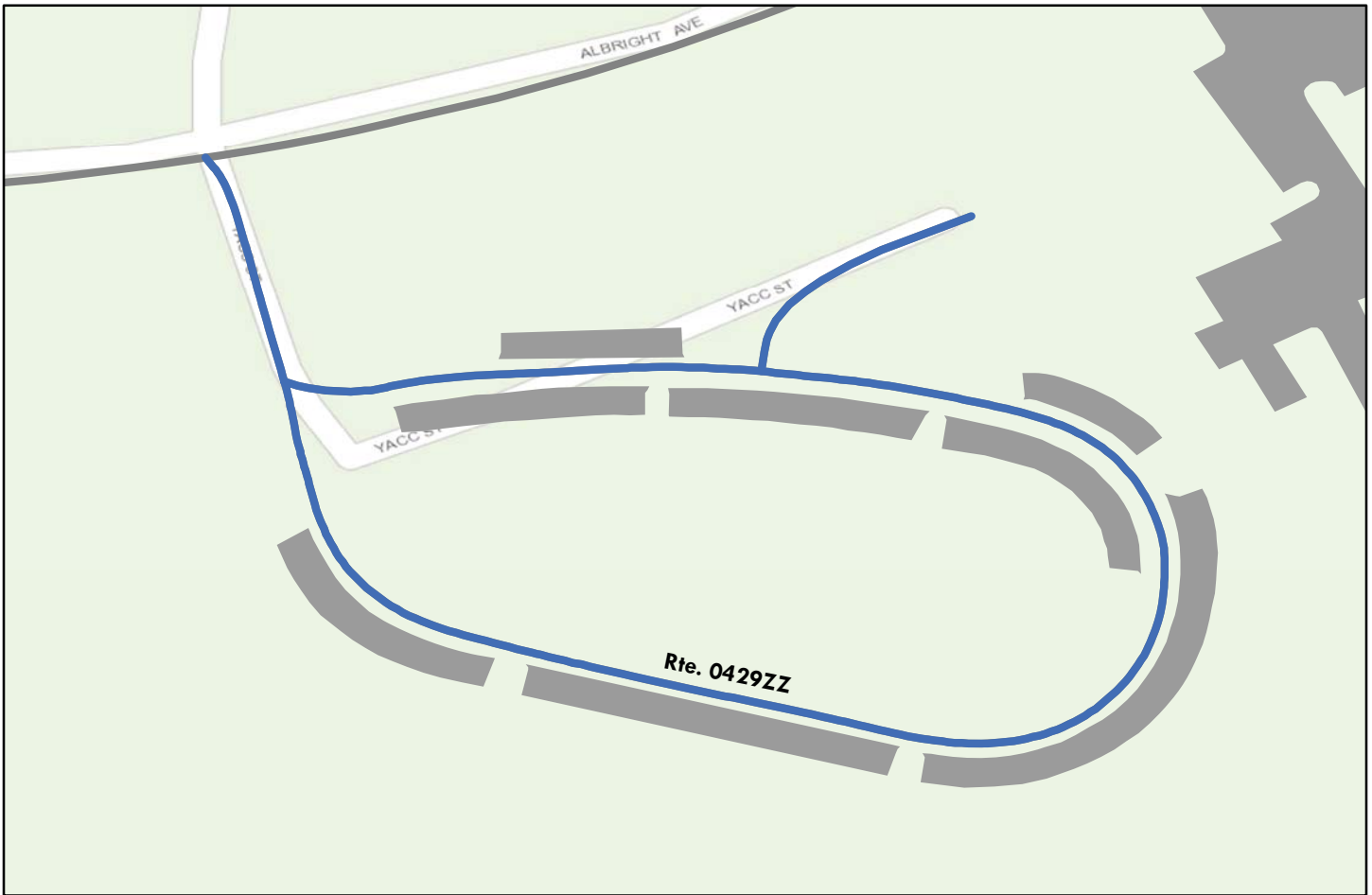
Sources: Esri, DeLorme, NAVTEQ, TomTom, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), swisstopo, and the GIS User Community

Route Condition Legend – 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: 7/8/2016	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)	75	75				
Surface Condition Rating (SCR)	95	95				
Roughness Condition Index (RCI)	45	45				
Distress Index Values						
Structural Crack Index	96	96				
Alligator Crack Index	99	99				
Longitudinal Crack Index	97	97				
Transverse Cracking Index	96	96				
Patching Index	99	99				
Rutting Index	95	95				
International Roughness Index (IRI)	312	312				
Lane & Width Information						
Number of Lanes	2	2				
Paved Width (ft)	22.9	22.9				
Lane Width (ft)	11.4	11.4				

Grand Canyon National Park

ROUTE 0429ZZ: PAIUTE CIRCLE ROADS

Summary Route



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

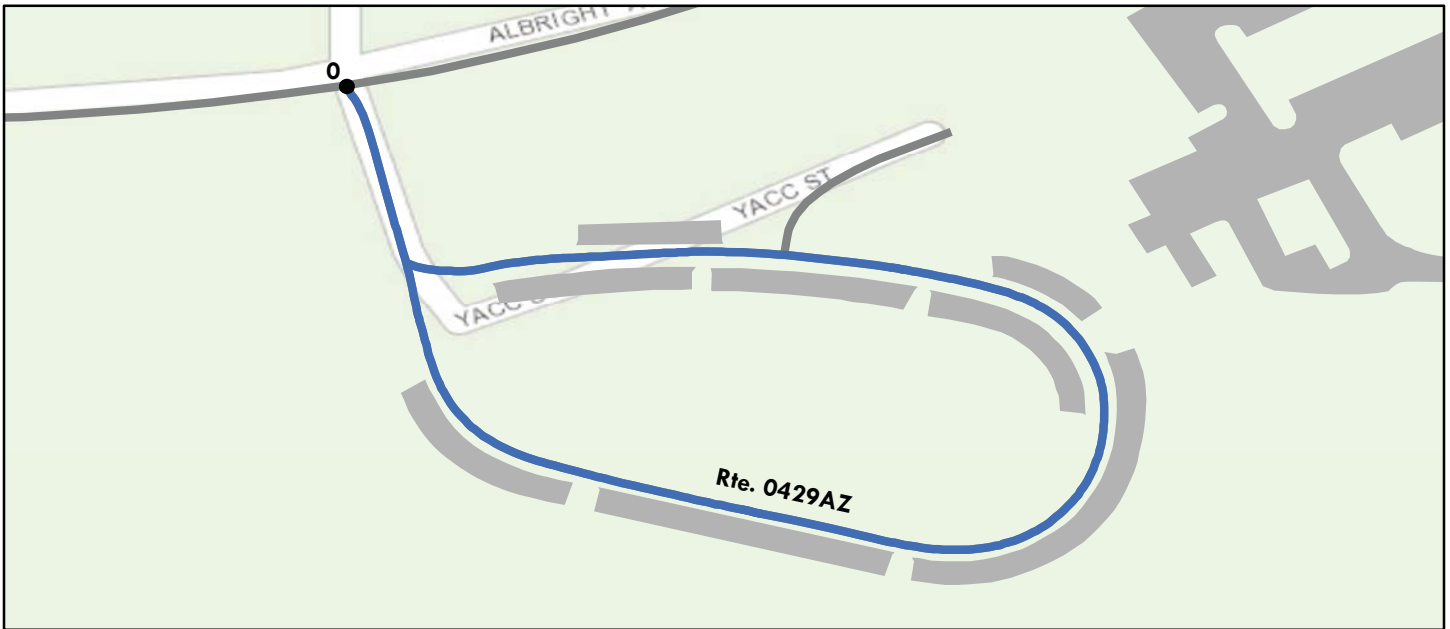
Note: The weighted average summary PCR value is calculated from only the sections of road where the PCR was collected. The overall PCR for the summary route may not reflect individual subcomponent ratings.

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:	7/8/2016					
Paved Length (Miles):	0.29					
Surface Type:	ASPHALT	Route Summary				
Roadway Condition Information						
Pavement Condition Rating (PCR)	100					
Lane & Width Information						
Number of Lanes	2					
Paved Width (ft)	23.8					
Lane Width (ft)	11.9					

Grand Canyon National Park

ROUTE 0429AZ: PAIUTE CIRCLE A

Subcomponent of Route GRCA-0429ZZ
Data Collection Vehicle (DCV) Rating



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

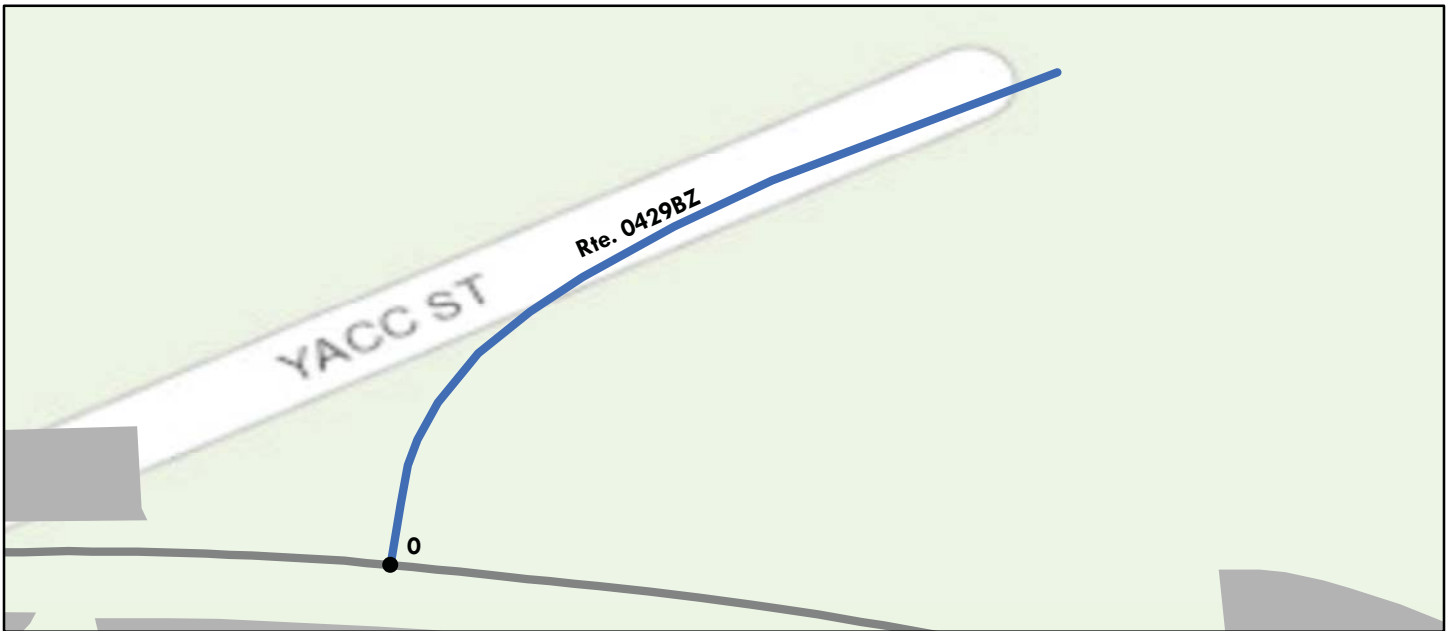
Route Condition Legend – Pavement Condition Rating (PCR)						
Poor (0 - 60)	Fair (61- 84)	Good (85 - 94)	Excellent (95 - 100)	Not Rated		
See Appendix for definitions and formulas						
Inspection Date: 7/8/2016	Beginning Section MP	0				
Paved Length (Miles): 0.26	Section Length (MI)	0.26				
Surface 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)	24.8	24.8				
Lane Width (ft)	12.4	12.4				

Grand Canyon National Park

ROUTE 0429BZ: PAIUTE CIRCLE B

Subcomponent of Route GRCA-0429ZZ

Manual Rating



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

Route Condition Legend – 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: 5/16/2016	Beginning Section MP	0.00				
Paved Length (Miles): 0.03	Section Length (MI)	0.03				
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	97	97				
Alligator Crack Index	97	97				
Longitudinal Crack Index	97	97				
Transverse Cracking Index	97	97				
Patching Index	97	97				
Rutting Index	97	97				
International Roughness Index (IRI)	97	97				
Lane & Width Information						
Number of Lanes	2	2				
Paved Width (ft)	16	16				
Lane Width (ft)	8	8				

Grand Canyon National Park

ROUTE 0429BZ: PAIUTE CIRCLE B

Condition Photos

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



GRCA_0429BZ_4433.JPG



GRCA_0429BZ_4434.JPG



GRCA_0429BZ_4435.JPG



GRCA_0429BZ_4436.JPG



GRCA_0429BZ_4437.JPG



GRCA_0429BZ_4438.JPG

Grand Canyon National Park

ROUTE 0430: LAPP LOOP

Manual Rating



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

Route Condition Legend – 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: 5/16/2016	Beginning Section MP	0.00				
Paved Length (Miles): 0.07	Section Length (MI)	0.07				
Surface Type: ASPHALT	Route Summary					
Roadway Condition Information						
Pavement Condition Rating (PCR)	90	90				
Surface Condition Rating (SCR)	90	90				
Roughness Condition Index (RCI)	N/A	N/A				
Distress Index Values						
Structural Crack Index	N/A	N/A				
Alligator Crack Index	90	90				
Longitudinal Crack Index	90	90				
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)	25	25				
Lane Width (ft)	12.5	12.5				

Grand Canyon National Park

ROUTE 0430: LAPP LOOP

Condition Photos

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



GRCA_0430_2132.JPG



GRCA_0430_2136.JPG



GRCA_0430_3042.JPG



GRCA_0430_4062.JPG



GRCA_0430_4162.JPG



GRCA_0430_4272.JPG

Grand Canyon National Park

ROUTE 0431: JUNIPER HILL

Data Collection Vehicle (DCV) Rating



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

Route Condition Legend – 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: 7/9/2016	Beginning Section MP	0				
Paved Length (Miles): 0.27	Section Length (MI)	0.27				
Surface Type: ASPHALT	Route Summary					
Roadway Condition Information						
Pavement Condition Rating (PCR)	91	91				
Surface Condition Rating (SCR)	91	91				
Roughness Condition Index (RCI)	N/A	N/A				
Distress Index Values						
Structural Crack Index	96	96				
Alligator Crack Index	99	99				
Longitudinal Crack Index	97	97				
Transverse Cracking Index	93	93				
Patching Index	93	93				
Rutting Index	91	91				
International Roughness Index (IRI)	N/A	N/A				
Lane & Width Information						
Number of Lanes	2	2				
Paved Width (ft)	19.3	19.3				
Lane Width (ft)	9.6	9.6				

Grand Canyon National Park

ROUTE 0432: NAVAJO STREET

Data Collection Vehicle (DCV) Rating



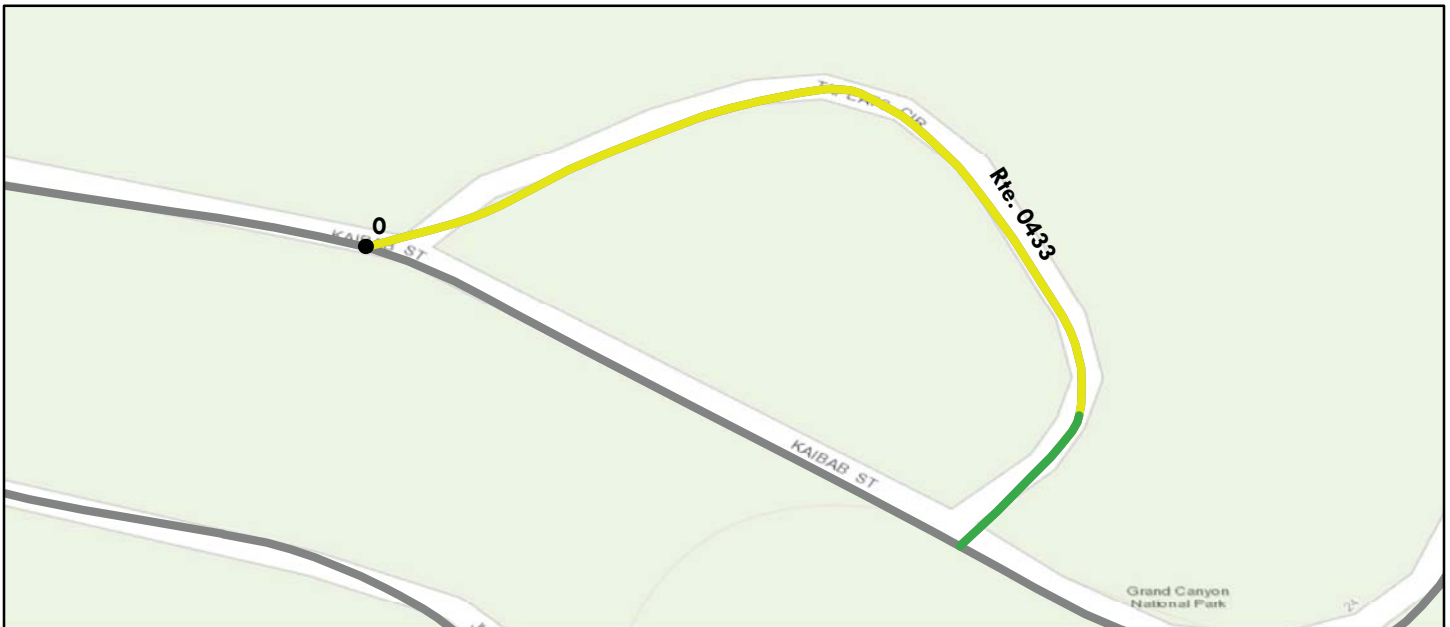
Sources: Esri, DeLorme, NAVTEQ, TomTom, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), swisstopo, and the GIS User Community

Route Condition Legend – 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: 7/9/2016	Beginning Section MP	0				
Paved Length (Miles): 0.17	Section Length (MI)	0.17				
Surface Type: ASPHALT	Route Summary					
Roadway Condition Information						
Pavement Condition Rating (PCR)	85	85				
Surface Condition Rating (SCR)	85	85				
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	85	85				
Patching Index	100	100				
Rutting Index	91	91				
International Roughness Index (IRI)	N/A	N/A				
Lane & Width Information						
Number of Lanes	2	2				
Paved Width (ft)	19.8	19.8				
Lane Width (ft)	9.3	9.3				

Grand Canyon National Park

ROUTE 0433: TAPEATS CIRCLE

Data Collection Vehicle (DCV) Rating



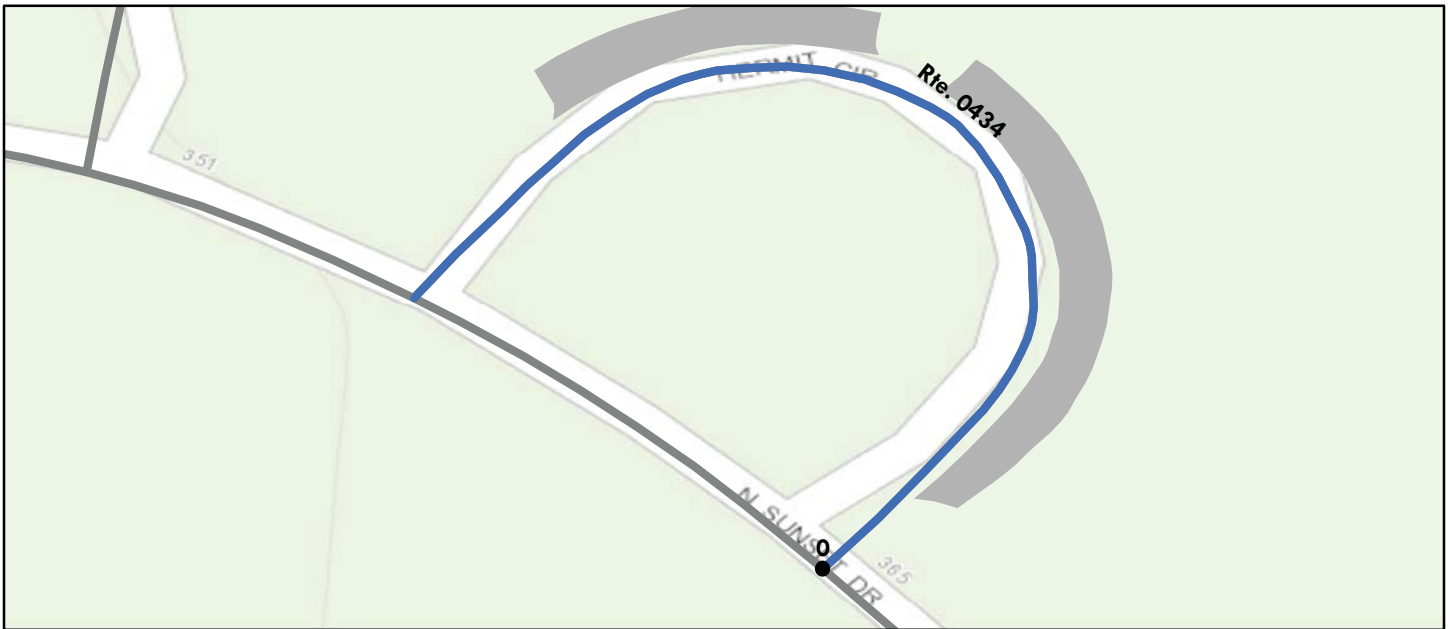
Sources: Esri, DeLorme, NAVTEQ, TomTom, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), swisstopo, and the GIS User Community

Route Condition Legend – 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: 7/9/2016	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)	81	81				
Surface Condition Rating (SCR)	81	81				
Roughness Condition Index (RCI)	N/A	N/A				
Distress Index Values						
Structural Crack Index	82	82				
Alligator Crack Index	100	100				
Longitudinal Crack Index	82	82				
Transverse Cracking Index	81	81				
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)	19.7	19.7				
Lane Width (ft)	9.9	9.9				

Grand Canyon National Park

ROUTE 0434: HERMIT CIRCLE

Data Collection Vehicle (DCV) Rating



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

Route Condition Legend – 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: 7/9/2016	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)	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	99	99				
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)	18.2	18.2				
Lane Width (ft)	9.1	9.1				

Grand Canyon National Park

ROUTE 0435: SUNSET DRIVE

Data Collection Vehicle (DCV) Rating



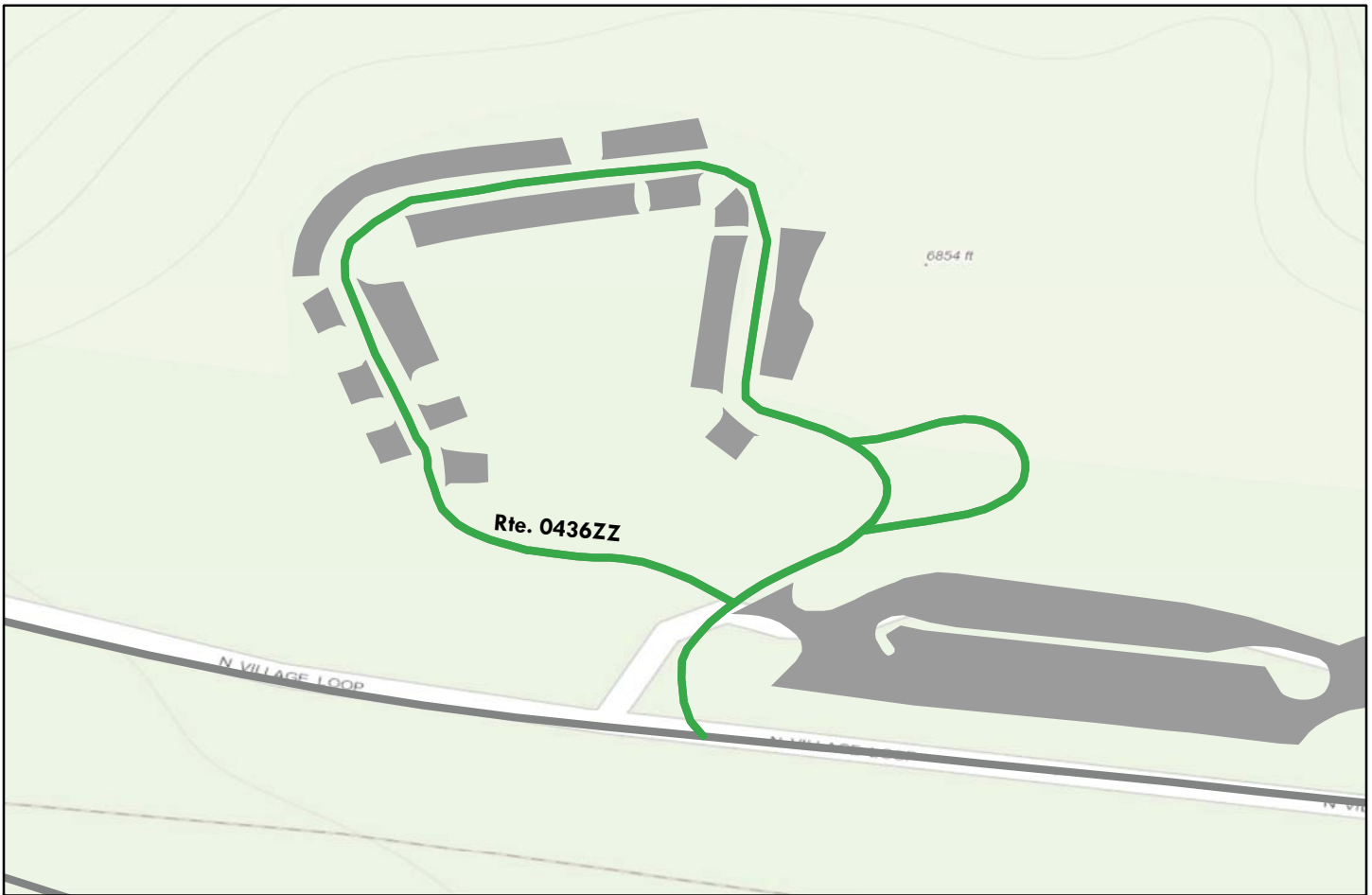
Sources: Esri, DeLorme, NAVTEQ, TomTom, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), swisstopo, and the GIS User Community

Route Condition Legend – 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: 7/9/2016	Beginning Section MP	0				
Paved Length (Miles): 0.36	Section Length (MI)	0.36				
Surface Type: ASPHALT	Route Summary					
Roadway Condition Information						
Pavement Condition Rating (PCR)	59	59				
Surface Condition Rating (SCR)	59	59				
Roughness Condition Index (RCI)	N/A	N/A				
Distress Index Values						
Structural Crack Index	71	71				
Alligator Crack Index	97	97				
Longitudinal Crack Index	74	74				
Transverse Cracking Index	59	59				
Patching Index	97	97				
Rutting Index	94	94				
International Roughness Index (IRI)	N/A	N/A				
Lane & Width Information						
Number of Lanes	2	2				
Paved Width (ft)	21	21				
Lane Width (ft)	10.2	10.2				

Grand Canyon National Park

ROUTE 0436ZZ: BRIGHT ANGEL LOOP ROADS

Summary Route



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

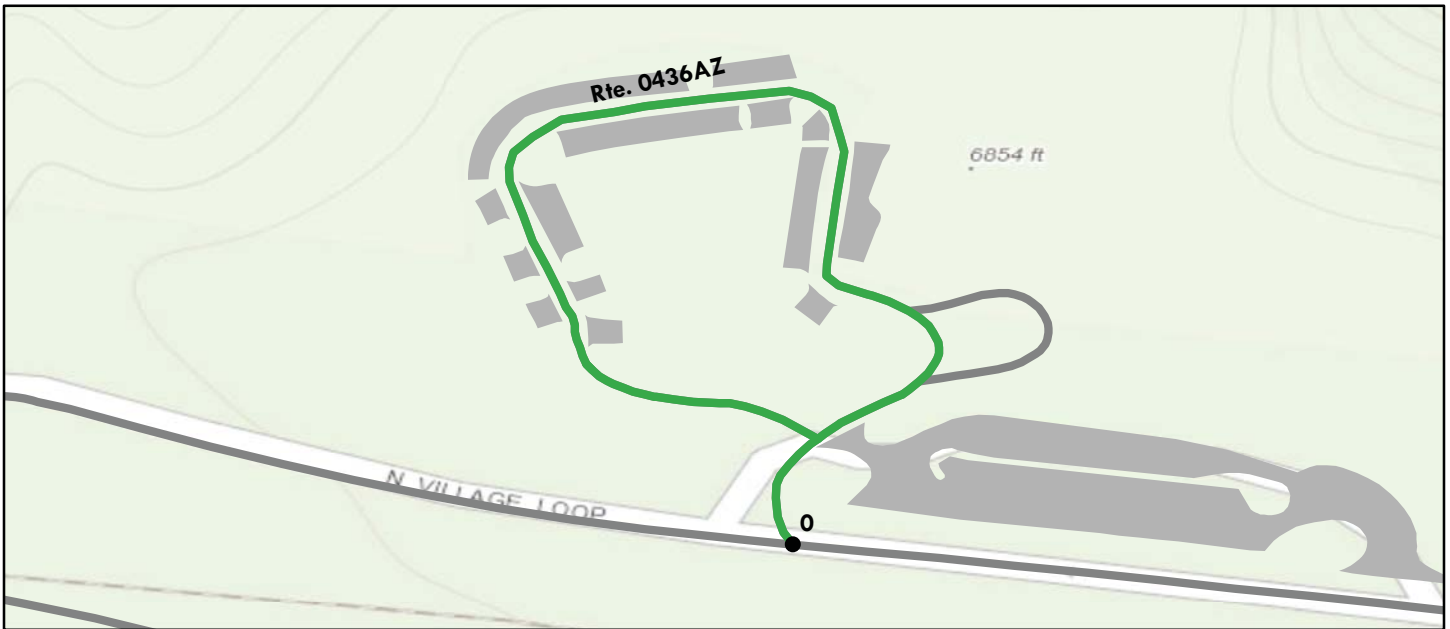
Note: The weighted average summary PCR value is calculated from only the sections of road where the PCR was collected. The overall PCR for the summary route may not reflect individual subcomponent ratings.

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:	7/8/2016					
Paved Length (Miles):	0.24					
Surface Type:	ASPHALT	Route Summary				
Roadway Condition Information						
Pavement Condition Rating (PCR)	93					
Lane & Width Information						
Number of Lanes	1					
Paved Width (ft)	13.2					
Lane Width (ft)	13.2					

Grand Canyon National Park

ROUTE 0436AZ: BRIGHT ANGEL LOOP ROAD A

Subcomponent of Route GRCA-0436ZZ
Data Collection Vehicle (DCV) Rating



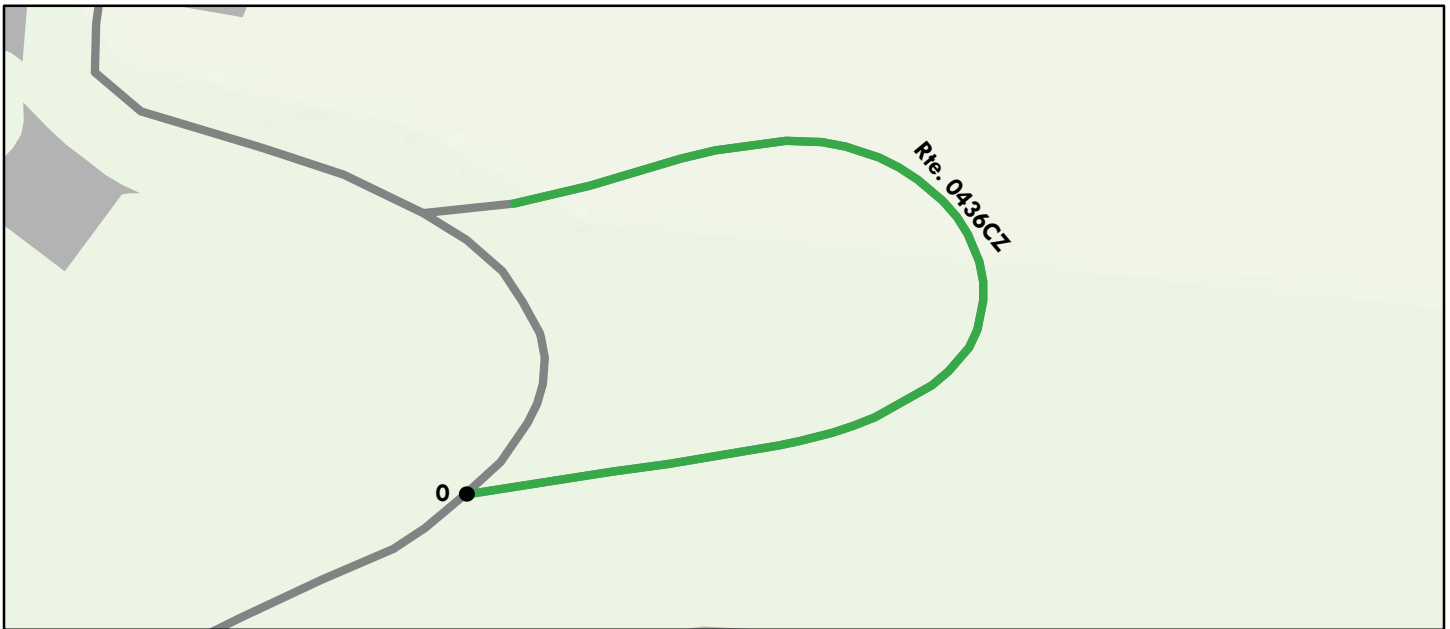
Sources: Esri, DeLorme, NAVTEQ, TomTom, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), swisstopo, and the GIS User Community

Route Condition Legend – 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: 7/8/2016	Beginning Section MP	0				
Paved Length (Miles): 0.2	Section Length (MI)	0.2				
Surface Type: ASPHALT	Route Summary					
Roadway Condition Information						
Pavement Condition Rating (PCR)	93	93				
Surface Condition Rating (SCR)	93	93				
Roughness Condition Index (RCI)	N/A	N/A				
Distress Index Values						
Structural Crack Index	100	100				
Alligator Crack Index	100	100				
Longitudinal Crack Index	100	100				
Transverse Cracking Index	99	99				
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)	13.6	13.6				
Lane Width (ft)	13.6	13.6				

Grand Canyon National Park

ROUTE 0436CZ: BRIGHT ANGEL LOOP ROAD C

Subcomponent of Route GRCA-0436ZZ
Data Collection Vehicle (DCV) Rating



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

Route Condition Legend – 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: 7/8/2016	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)	94	94				
Surface Condition Rating (SCR)	94	94				
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	94	94				
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				

Grand Canyon National Park

ROUTE 0437: PARK CIRCLE

Data Collection Vehicle (DCV) Rating



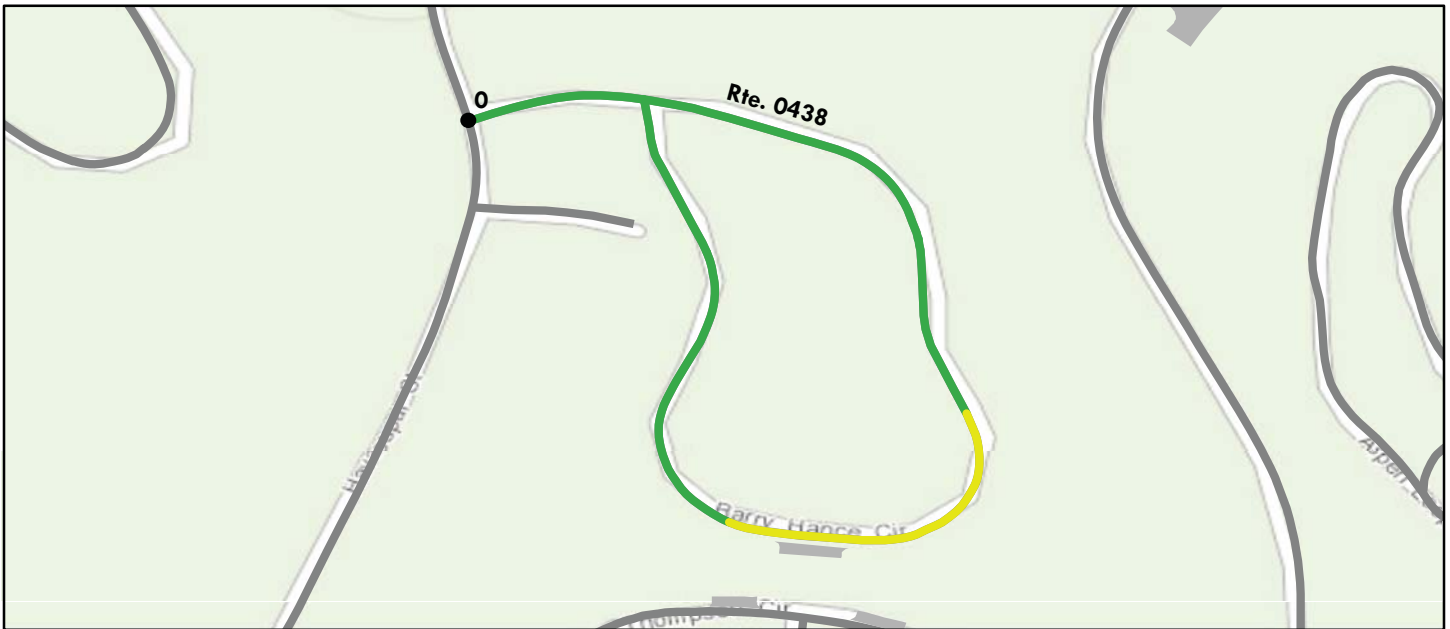
Sources: Esri, DeLorme, NAVTEQ, TomTom, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), swisstopo, and the GIS User Community

Route Condition Legend – 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: 7/8/2016	Beginning Section MP	0				
Paved Length (Miles): 0.52	Section Length (MI)	0.52				
Surface Type: ASPHALT	Route Summary					
Roadway Condition Information						
Pavement Condition Rating (PCR)	32	32				
Surface Condition Rating (SCR)	32	32				
Roughness Condition Index (RCI)	N/A	N/A				
Distress Index Values						
Structural Crack Index	32	32				
Alligator Crack Index	86	86				
Longitudinal Crack Index	46	46				
Transverse Cracking Index	51	51				
Patching Index	99	99				
Rutting Index	97	97				
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)	10.7	10.7				

Grand Canyon National Park

ROUTE 0438: BARRY HANCE CIRCLE

Data Collection Vehicle (DCV) Rating



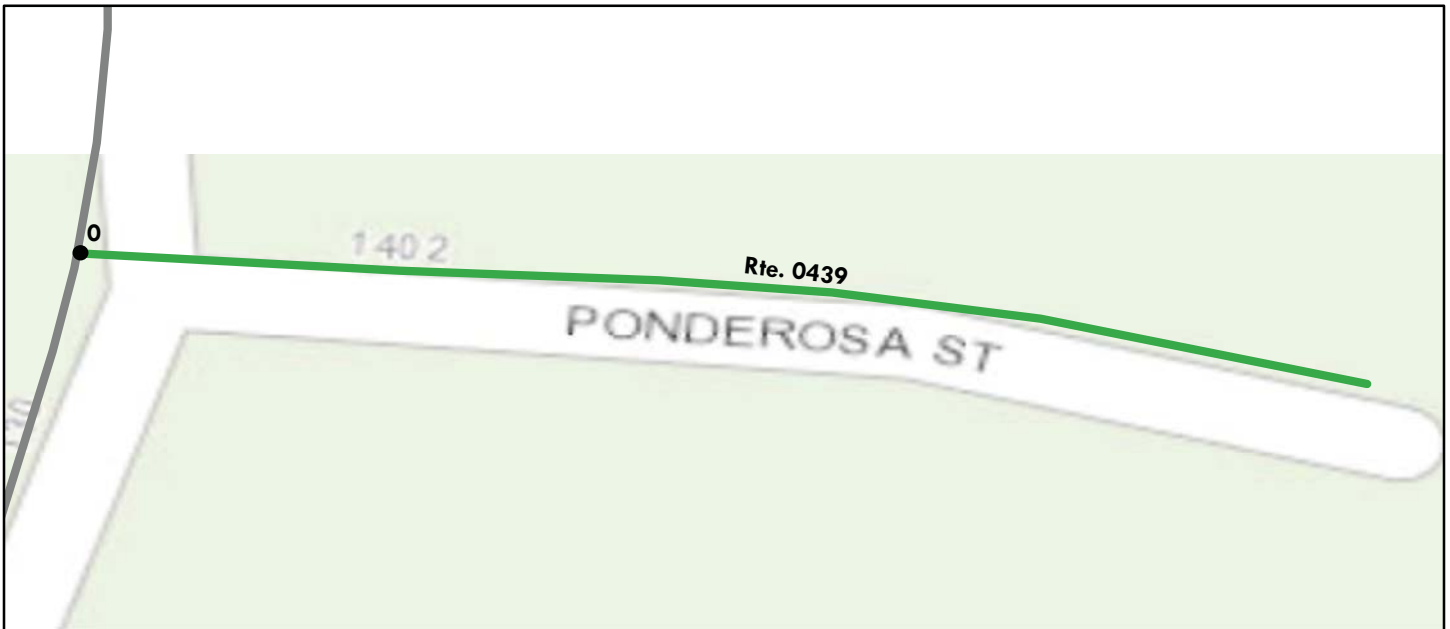
Sources: Esri, DeLorme, NAVTEQ, TomTom, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), swisstopo, and the GIS User Community

Route Condition Legend – 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: 7/9/2016	Beginning Section MP	0				
Paved Length (Miles): 0.45	Section Length (MI)	0.45				
Surface Type: ASPHALT	Route Summary					
Roadway Condition Information						
Pavement Condition Rating (PCR)	88	88				
Surface Condition Rating (SCR)	88	88				
Roughness Condition Index (RCI)	N/A	N/A				
Distress Index Values						
Structural Crack Index	98	98				
Alligator Crack Index	100	100				
Longitudinal Crack Index	98	98				
Transverse Cracking Index	88	88				
Patching Index	99	99				
Rutting Index	96	96				
International Roughness Index (IRI)	N/A	N/A				
Lane & Width Information						
Number of Lanes	2	2				
Paved Width (ft)	21.7	21.7				
Lane Width (ft)	10.6	10.6				

Grand Canyon National Park

ROUTE 0439: PONDEROSA STREET

Manual Rating



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

Route Condition Legend – 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: 5/16/2016	Beginning Section MP	0.00				
Paved Length (Miles): 0.04	Section Length (MI)	0.04				
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)	22	22				
Lane Width (ft)	11	11				

Grand Canyon National Park

ROUTE 0439: PONDEROSA STREET

Condition Photos

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



GRCA_0439_0031_EXTRA.jpg



GRCA_0439_0036.JPG



GRCA_0439_0241.JPG



GRCA_0439_1046.JPG



GRCA_0439_8202.JPG



GRCA_0439_9111.JPG

Grand Canyon National Park

ROUTE 0440: RANDY THOMPSON CIRCLE

Data Collection Vehicle (DCV) Rating



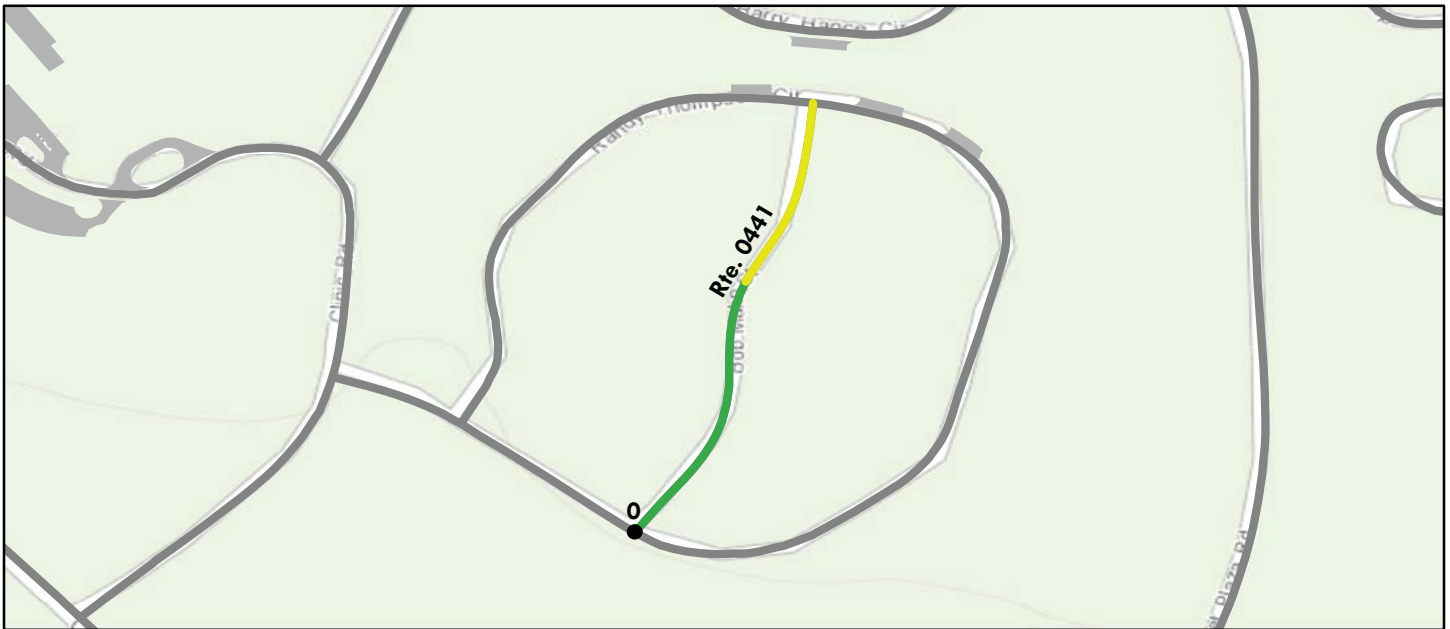
Sources: Esri, DeLorme, NAVTEQ, TomTom, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), swisstopo, and the GIS User Community

Route Condition Legend – 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: 7/8/2016	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)	79	79				
Surface Condition Rating (SCR)	79	79				
Roughness Condition Index (RCI)	N/A	N/A				
Distress Index Values						
Structural Crack Index	94	94				
Alligator Crack Index	100	100				
Longitudinal Crack Index	94	94				
Transverse Cracking Index	79	79				
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)	20	20				
Lane Width (ft)	10.4	10.4				

Grand Canyon National Park

ROUTE 0441: BOB MANN STREET

Data Collection Vehicle (DCV) Rating



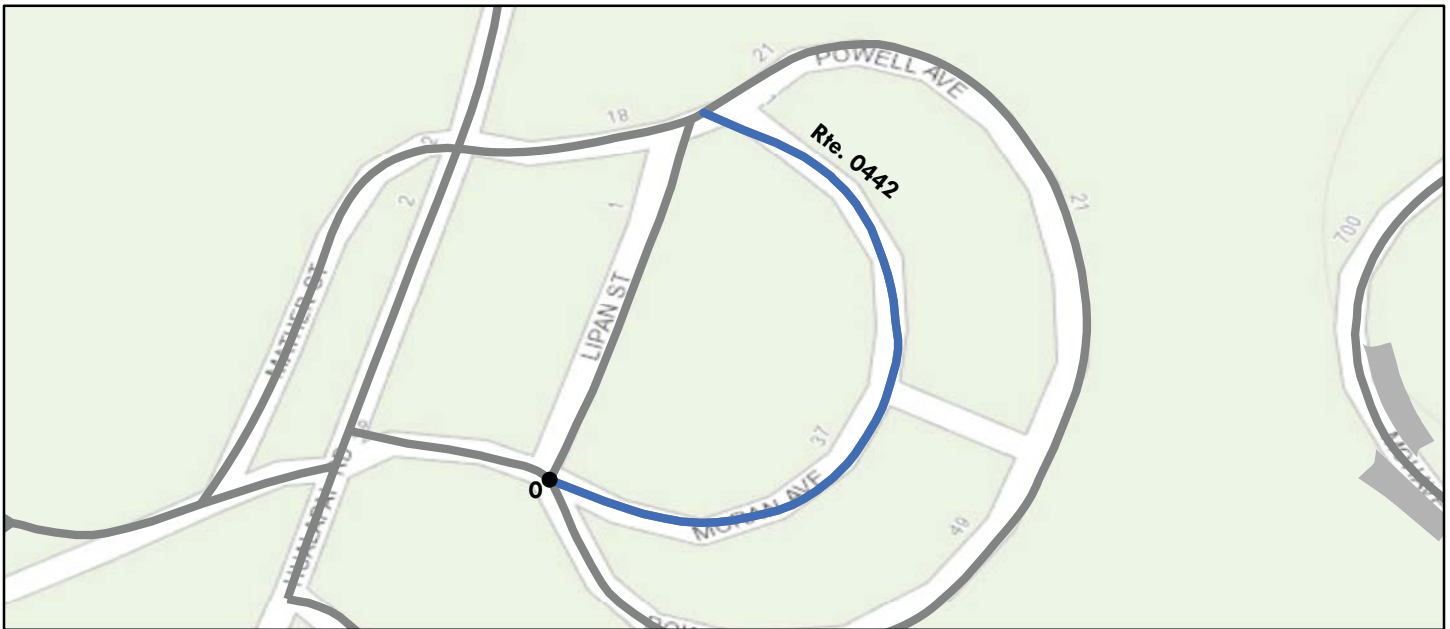
Sources: Esri, DeLorme, NAVTEQ, TomTom, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), swisstopo, and the GIS User Community

Route Condition Legend – 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: 7/8/2016	Beginning Section MP	0				
Paved Length (Miles): 0.17	Section Length (MI)	0.17				
Surface Type: ASPHALT	Route Summary					
Roadway Condition Information						
Pavement Condition Rating (PCR)	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	88	88				
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)	19.2	19.2				
Lane Width (ft)	9.2	9.2				

Grand Canyon National Park

ROUTE 0442: MORAN AVENUE

Data Collection Vehicle (DCV) Rating



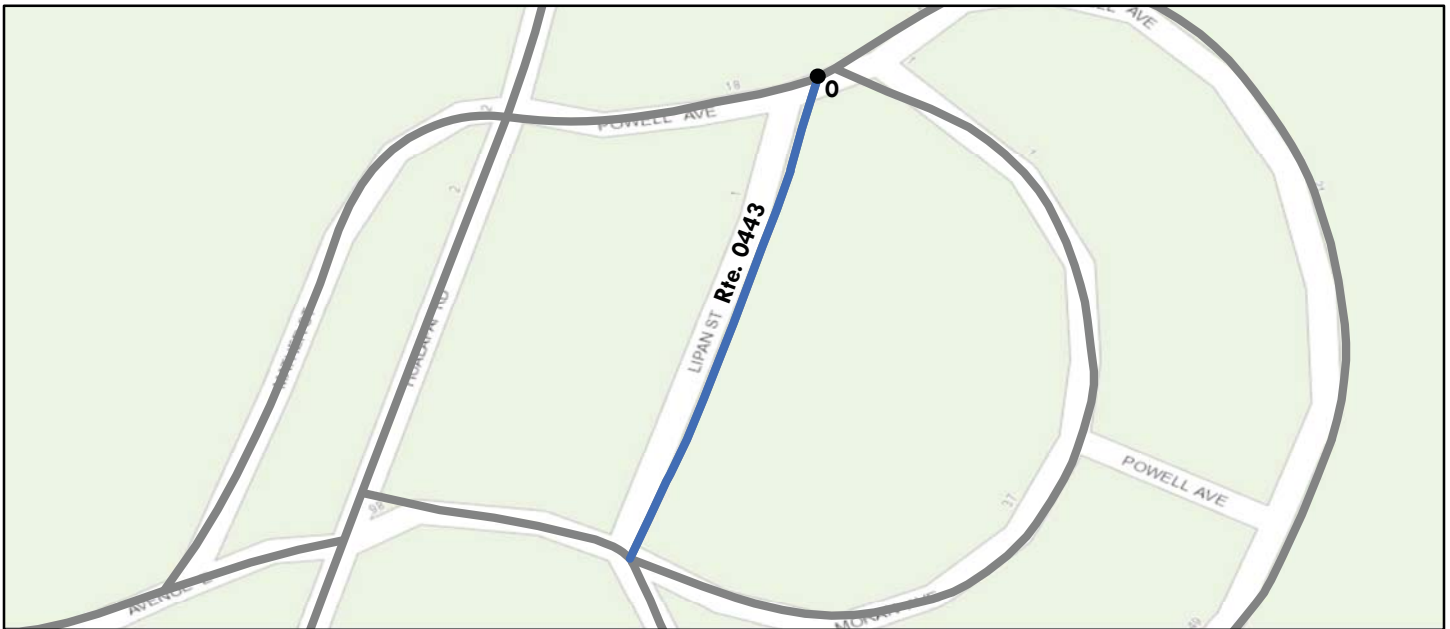
Sources: Esri, DeLorme, NAVTEQ, TomTom, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), swisstopo, and the GIS User Community

Route Condition Legend – 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: 7/8/2016	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)	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	99	99				
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)	12.9	12.9				
Lane Width (ft)	12.9	12.9				

Grand Canyon National Park

ROUTE 0443: LIPAN STREET

Data Collection Vehicle (DCV) Rating



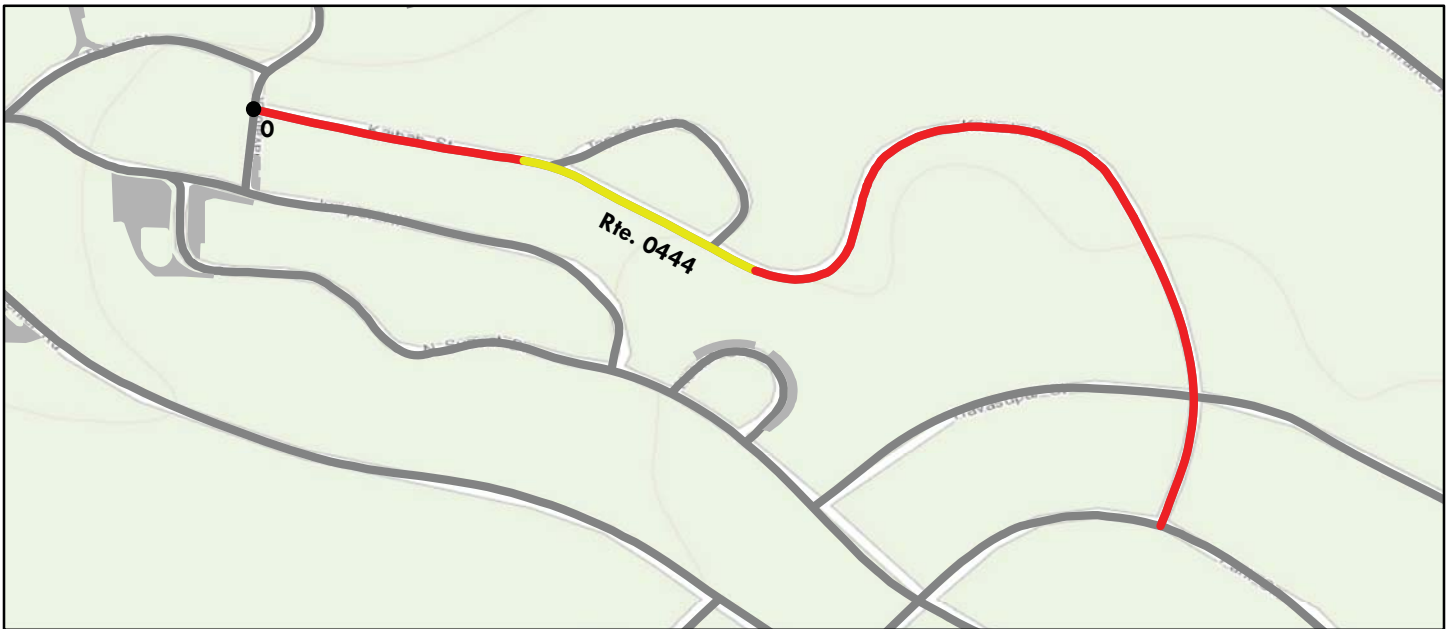
Sources: Esri, DeLorme, NAVTEQ, TomTom, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), swisstopo, and the GIS User Community

Route Condition Legend – 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: 7/8/2016	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)	97	97				
Surface Condition Rating (SCR)	97	97				
Roughness Condition Index (RCI)	N/A	N/A				
Distress Index Values						
Structural Crack Index	98	98				
Alligator Crack Index	100	100				
Longitudinal Crack Index	98	98				
Transverse Cracking Index	99	99				
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)	11.7	11.7				
Lane Width (ft)	11.7	11.7				

Grand Canyon National Park

ROUTE 0444: KAIBAB STREET

Data Collection Vehicle (DCV) Rating



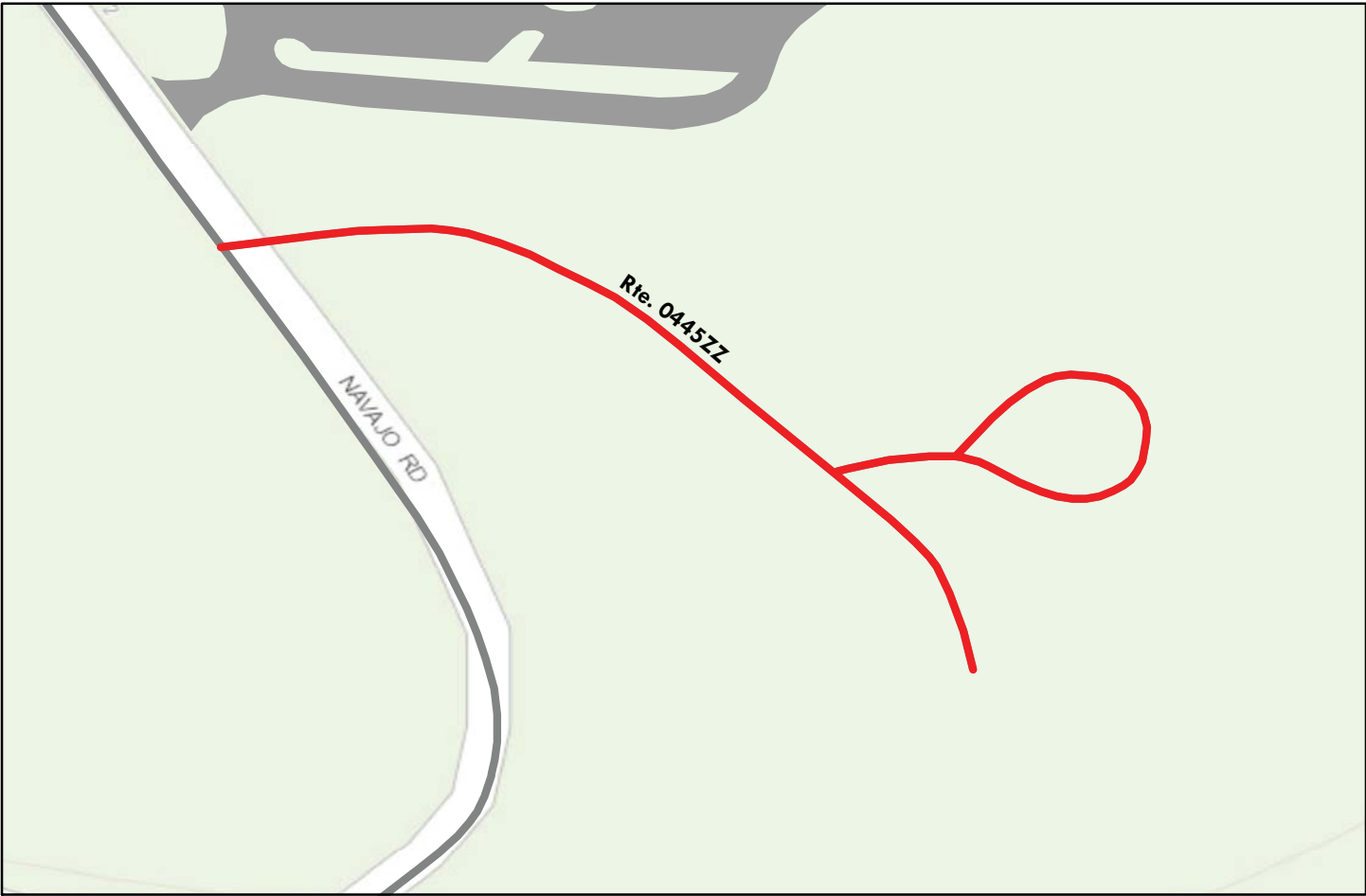
Sources: Esri, DeLorme, NAVTEQ, TomTom, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), swisstopo, and the GIS User Community

Route Condition Legend – 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: 7/9/2016	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)	47	47				
Surface Condition Rating (SCR)	47	47				
Roughness Condition Index (RCI)	N/A	N/A				
Distress Index Values						
Structural Crack Index	64	64				
Alligator Crack Index	97	97				
Longitudinal Crack Index	67	67				
Transverse Cracking Index	47	47				
Patching Index	99	99				
Rutting Index	94	94				
International Roughness Index (IRI)	N/A	N/A				
Lane & Width Information						
Number of Lanes	2	2				
Paved Width (ft)	20.5	20.5				
Lane Width (ft)	9.6	9.6				

Grand Canyon National Park

ROUTE 0445ZZ: NAVAJO RESIDENCE ROADS

Summary Route



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

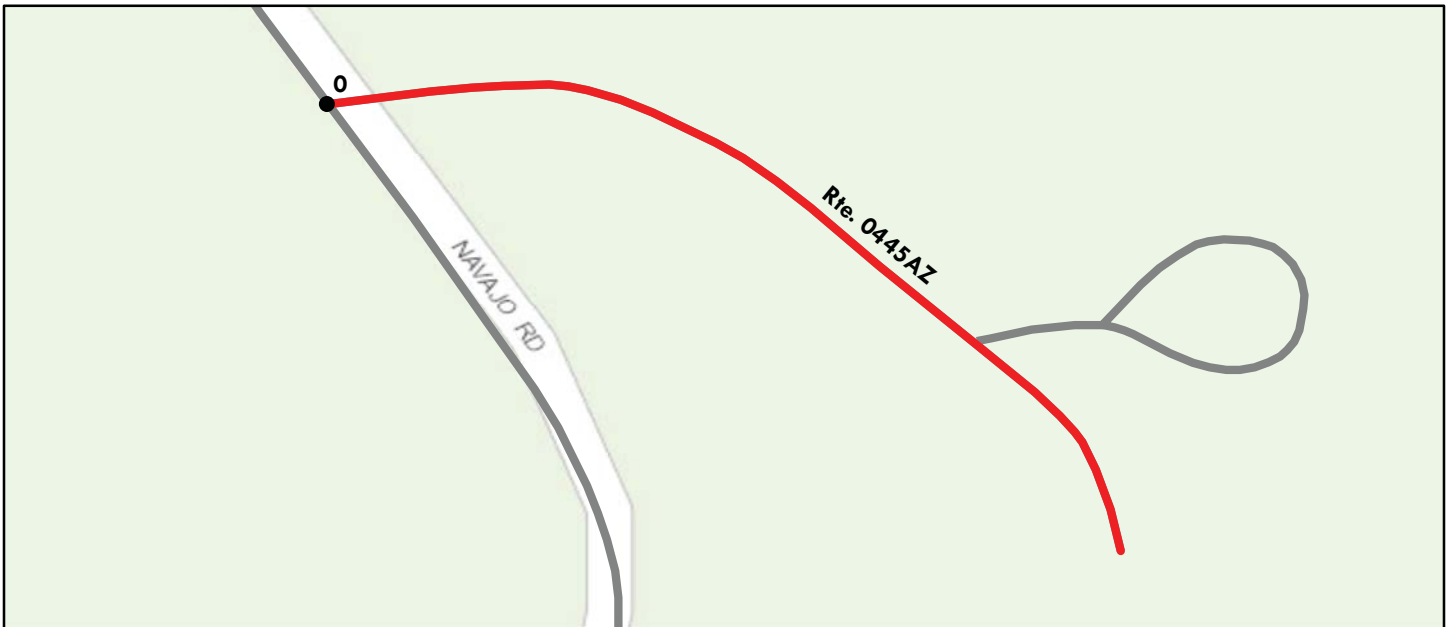
Note: The weighted average summary PCR value is calculated from only the sections of road where the PCR was collected. The overall PCR for the summary route may not reflect individual subcomponent ratings.

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: 7/9/2016						
Paved Length (Miles): 0.11						
Surface Type: ASPHALT	Route Summary					
Roadway Condition Information						
Pavement Condition Rating (PCR)	44					
Lane & Width Information						
Number of Lanes	1					
Paved Width (ft)	11.9					
Lane Width (ft)	11.9					

Grand Canyon National Park

ROUTE 0445AZ: NAVAJO RESIDENCE ROAD A

Subcomponent of Route GRCA-0445ZZ
Data Collection Vehicle (DCV) Rating



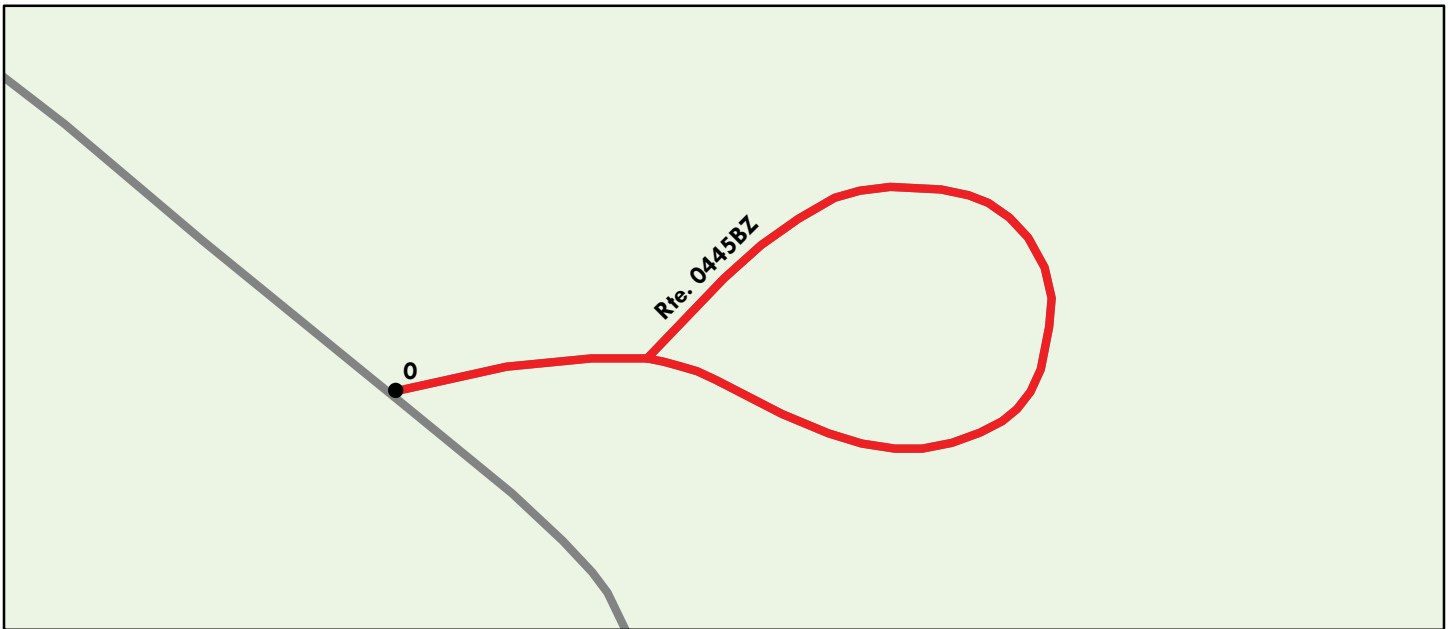
Sources: Esri, DeLorme, NAVTEQ, TomTom, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), swisstopo, and the GIS User Community

Route Condition Legend – 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: 7/9/2016	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)	56	56				
Surface Condition Rating (SCR)	56	56				
Roughness Condition Index (RCI)	N/A	N/A				
Distress Index Values						
Structural Crack Index	56	56				
Alligator Crack Index	92	92				
Longitudinal Crack Index	64	64				
Transverse Cracking Index	96	96				
Patching Index	100	100				
Rutting Index	91	91				
International Roughness Index (IRI)	N/A	N/A				
Lane & Width Information						
Number of Lanes	1	1				
Paved Width (ft)	11.2	11.2				
Lane Width (ft)	11.2	11.2				

Grand Canyon National Park

ROUTE 0445BZ: NAVAJO RESIDENCE ROAD B

Subcomponent of Route GRCA-0445ZZ
Data Collection Vehicle (DCV) Rating



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

Route Condition Legend – 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: 7/9/2016	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)	26	26				
Surface Condition Rating (SCR)	26	26				
Roughness Condition Index (RCI)	N/A	N/A				
Distress Index Values						
Structural Crack Index	26	26				
Alligator Crack Index	58	58				
Longitudinal Crack Index	68	68				
Transverse Cracking Index	57	57				
Patching Index	100	100				
Rutting Index	89	89				
International Roughness Index (IRI)	N/A	N/A				
Lane & Width Information						
Number of Lanes	1	1				
Paved Width (ft)	13.1	13.1				
Lane Width (ft)	13.1	13.1				

Grand Canyon National Park

ROUTE 0446: YAVAPAI LODGE ROAD

Data Collection Vehicle (DCV) Rating



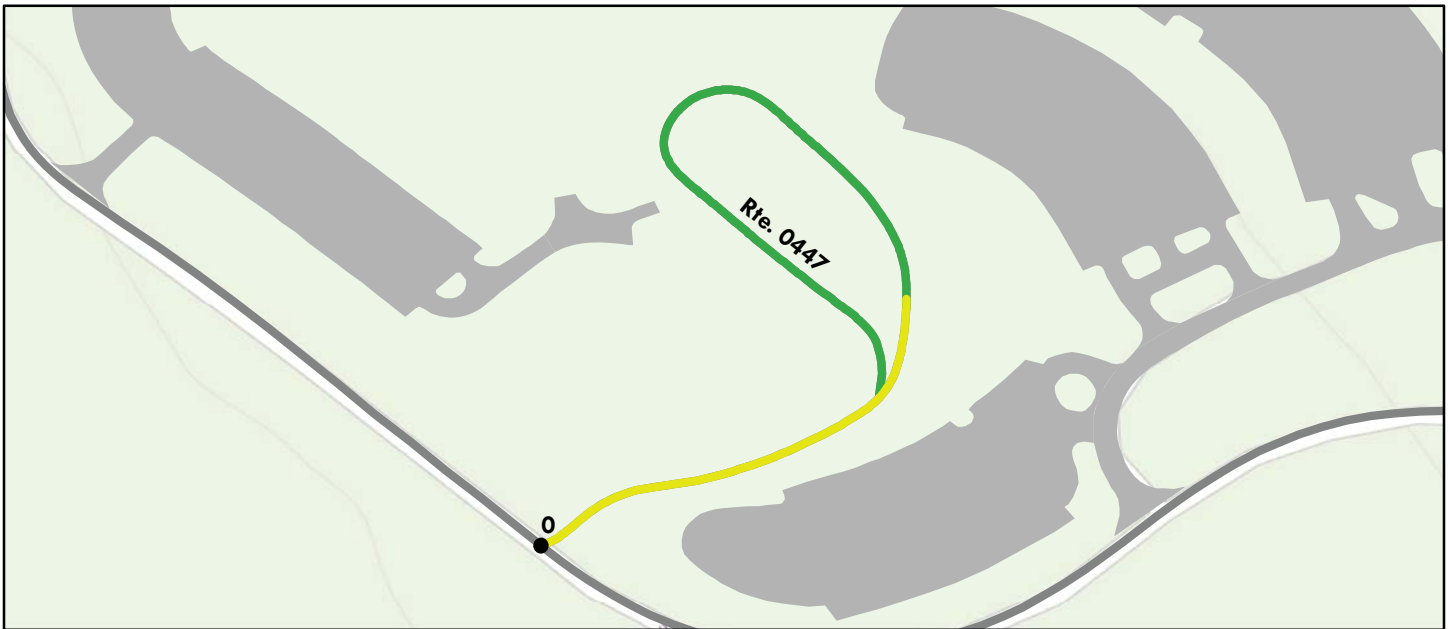
Sources: Esri, DeLorme, NAVTEQ, TomTom, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), swisstopo, and the GIS User Community

Route Condition Legend – 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: 7/9/2016	Beginning Section MP	0				
Paved Length (Miles): 0.69	Section Length (MI)	0.69				
Surface Type: ASPHALT	Route Summary					
Roadway Condition Information						
Pavement Condition Rating (PCR)	95	95				
Surface Condition Rating (SCR)	92	92				
Roughness Condition Index (RCI)	100	100				
Distress Index Values						
Structural Crack Index	98	98				
Alligator Crack Index	100	100				
Longitudinal Crack Index	98	98				
Transverse Cracking Index	92	92				
Patching Index	100	100				
Rutting Index	99	99				
International Roughness Index (IRI)	111	111				
Lane & Width Information						
Number of Lanes	2	2				
Paved Width (ft)	29.2	29.2				
Lane Width (ft)	12.2	12.2				

Grand Canyon National Park

ROUTE 0447: EAST SHUTTLE ACCESS ROAD

Data Collection Vehicle (DCV) Rating



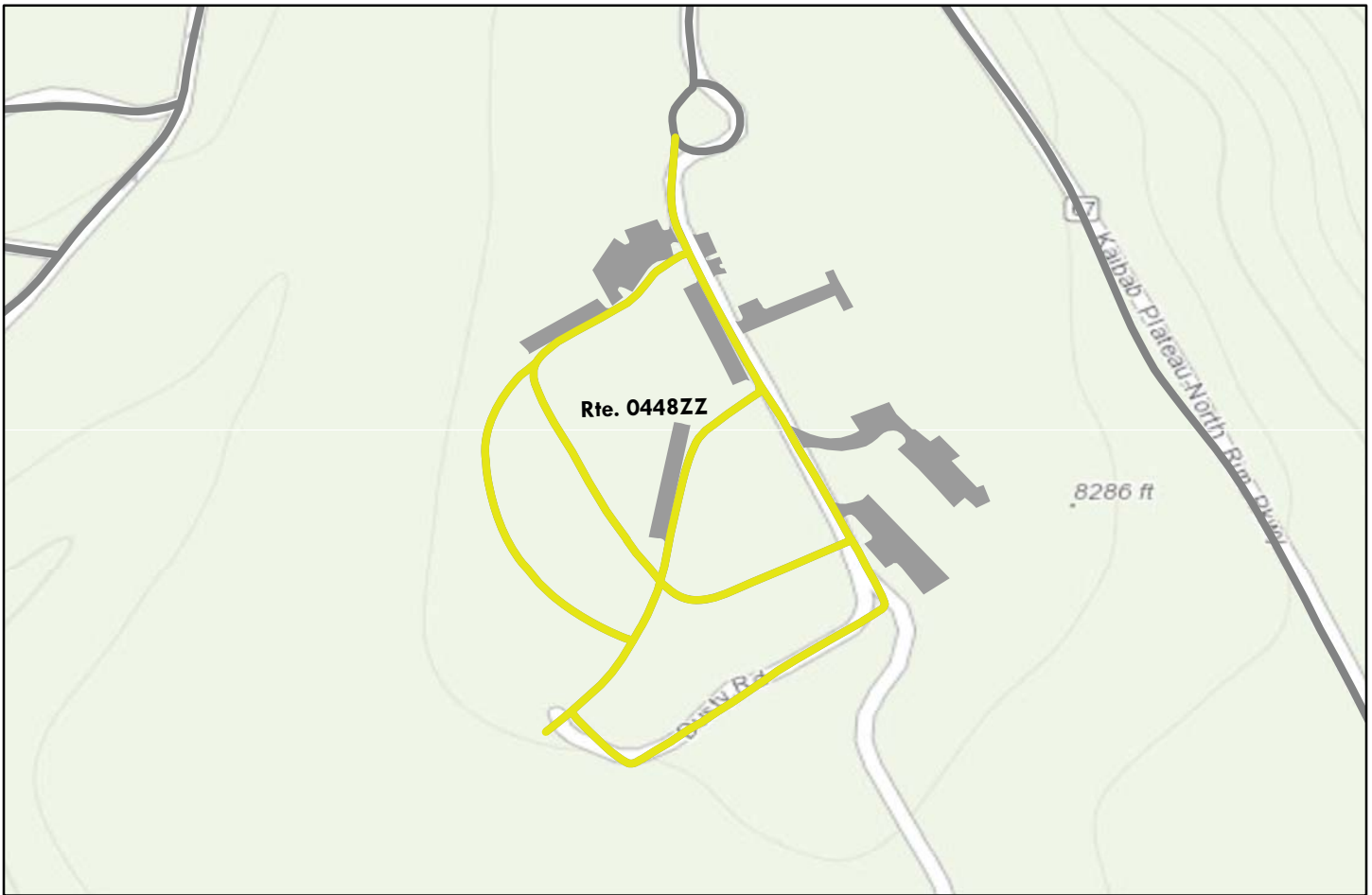
Sources: Esri, DeLorme, NAVTEQ, TomTom, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), swisstopo, and the GIS User Community

Route Condition Legend – 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: 7/9/2016	Beginning Section MP	0				
Paved Length (Miles): 0.25	Section Length (MI)	0.25				
Surface Type: CONCRETE	Route Summary					
Roadway Condition Information						
Pavement Condition Rating (PCR)	88	88				
Surface Condition Rating (SCR)	N/A	N/A				
Roughness Condition Index (RCI)	N/A	N/A				
Distress Index Values						
Structural Crack Index	N/A	N/A				
Alligator Crack Index	N/A	N/A				
Longitudinal Crack Index	N/A	N/A				
Transverse Cracking Index	N/A	N/A				
Patching Index	N/A	N/A				
Rutting Index	N/A	N/A				
International Roughness Index (IRI)	N/A	N/A				
Lane & Width Information						
Number of Lanes	2	2				
Paved Width (ft)	29.5	29.5				
Lane Width (ft)	14.6	14.6				

Grand Canyon National Park

ROUTE 0448ZZ: CONCESSIONAIRE ROADS

Summary Route



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

Note: 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)



See Appendix for definitions and formulas

Inspection Date: 7/7/2016						
Paved Length (Miles): 0.64						
Surface Type: ASPHALT						
Roadway Condition Information	Route Summary					
Pavement Condition Rating (PCR)	63					
Lane & Width Information						
Number of Lanes	1					
Paved Width (ft)	18.1					
Lane Width (ft)	10					

Grand Canyon National Park

ROUTE 0448AZ: EMPLOYEE DINING ROOM / MULE CONCESSIONAIRE ROAD

Subcomponent of Route GRCA-0448ZZ
 Data Collection Vehicle (DCV) Rating



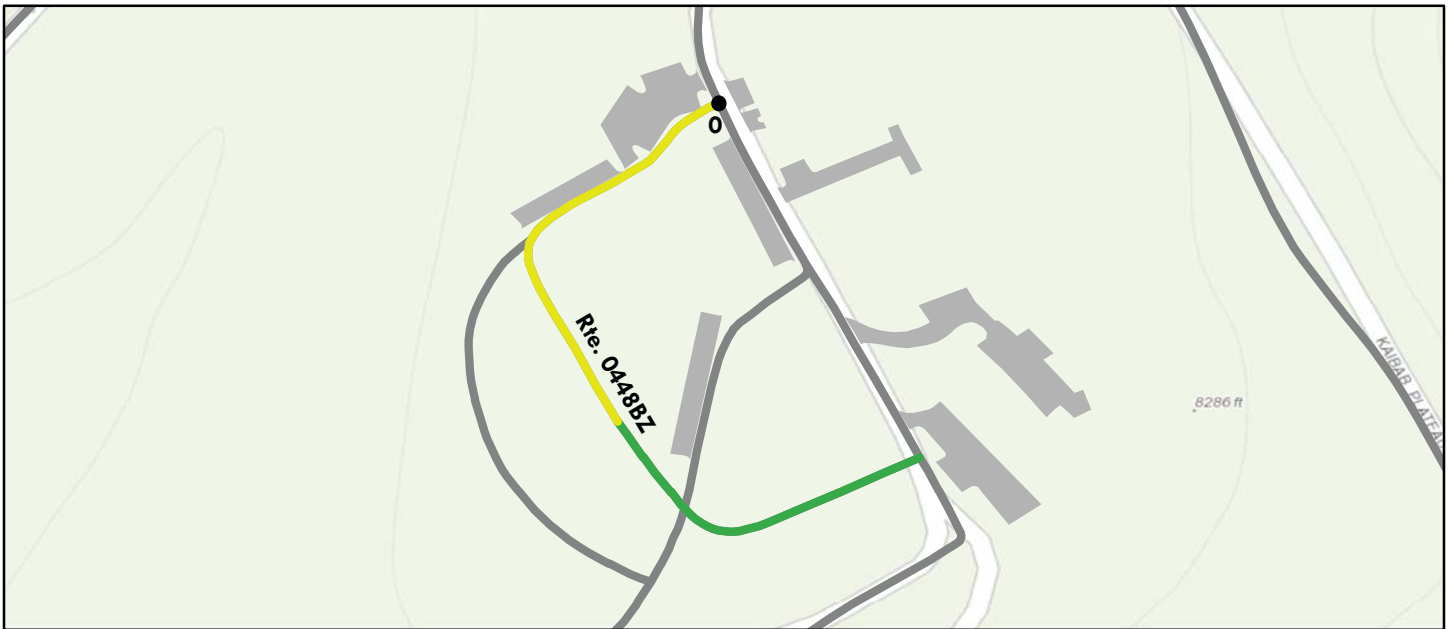
Sources: Esri, DeLorme, NAVTEQ, TomTom, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), swisstopo, and the GIS User Community

Route Condition Legend – 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: 7/7/2016	Beginning Section MP	0				
Paved Length (Miles): 0.2	Section Length (MI)	0.2				
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	75	75				
Patching Index	99	99				
Rutting Index	87	87				
International Roughness Index (IRI)	N/A	N/A				
Lane & Width Information						
Number of Lanes	2	2				
Paved Width (ft)	21.1	21.1				
Lane Width (ft)	10.5	10.5				

Grand Canyon National Park

ROUTE 0448BZ: CONCESSIONAIRE RESIDENCE ROAD

Subcomponent of Route GRCA-0448ZZ
Data Collection Vehicle (DCV) Rating



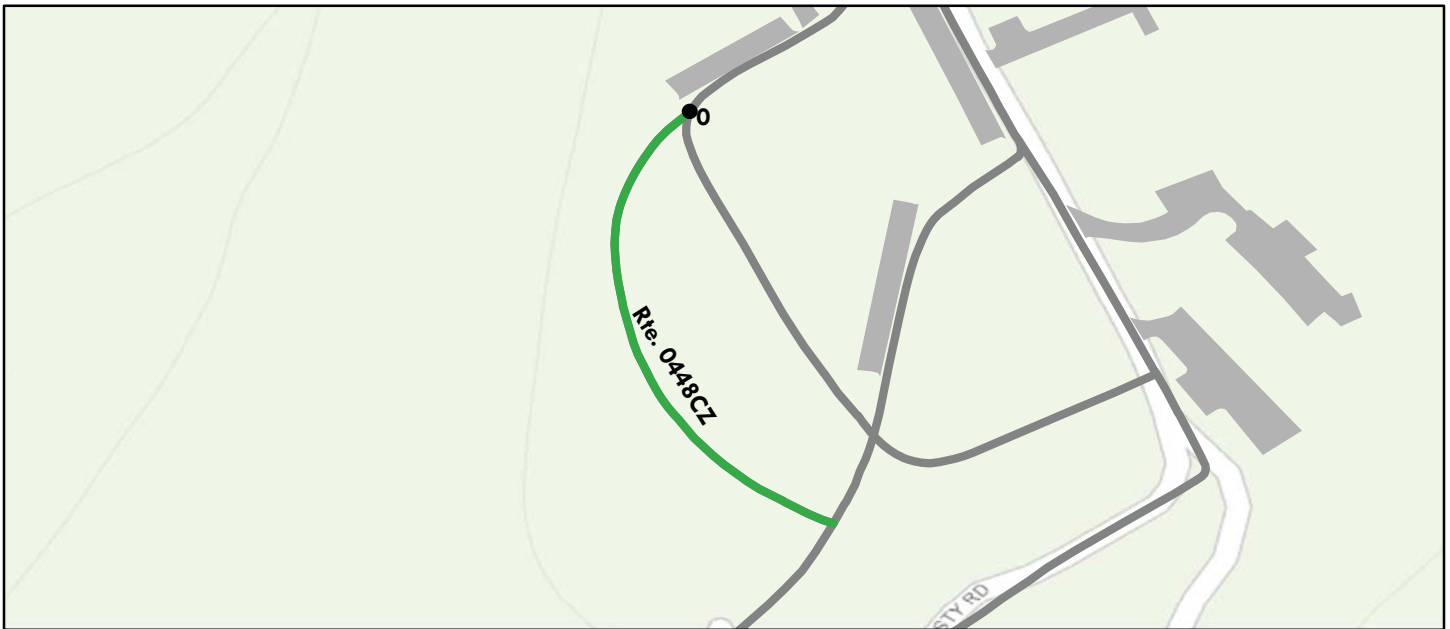
Sources: Esri, DeLorme, NAVTEQ, TomTom, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), swisstopo, and the GIS User Community

Route Condition Legend – 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: 7/7/2016	Beginning Section MP	0				
Paved Length (Miles): 0.17	Section Length (MI)	0.17				
Surface Type: ASPHALT	Route Summary					
Roadway Condition Information						
Pavement Condition Rating (PCR)	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	100	100				
Longitudinal Crack Index	81	81				
Transverse Cracking Index	88	88				
Patching Index	98	98				
Rutting Index	90	90				
International Roughness Index (IRI)	N/A	N/A				
Lane & Width Information						
Number of Lanes	2	2				
Paved Width (ft)	20.2	20.2				
Lane Width (ft)	10.1	10.1				

Grand Canyon National Park

ROUTE 0448CZ: RV CONCESSIONAIRE RESIDENCE ROAD

Subcomponent of Route GRCA-0448ZZ
Data Collection Vehicle (DCV) Rating



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

Route Condition Legend – 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: 7/7/2016	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)	94	94				
Surface Condition Rating (SCR)	94	94				
Roughness Condition Index (RCI)	N/A	N/A				
Distress Index Values						
Structural Crack Index	98	98				
Alligator Crack Index	100	100				
Longitudinal Crack Index	98	98				
Transverse Cracking Index	99	99				
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)	12.4	12.4				
Lane Width (ft)	12.4	12.4				

Grand Canyon National Park

ROUTE 0448DZ: DORM ACCESS ROAD

Subcomponent of Route GRCA-0448ZZ

Data Collection Vehicle (DCV) Rating



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

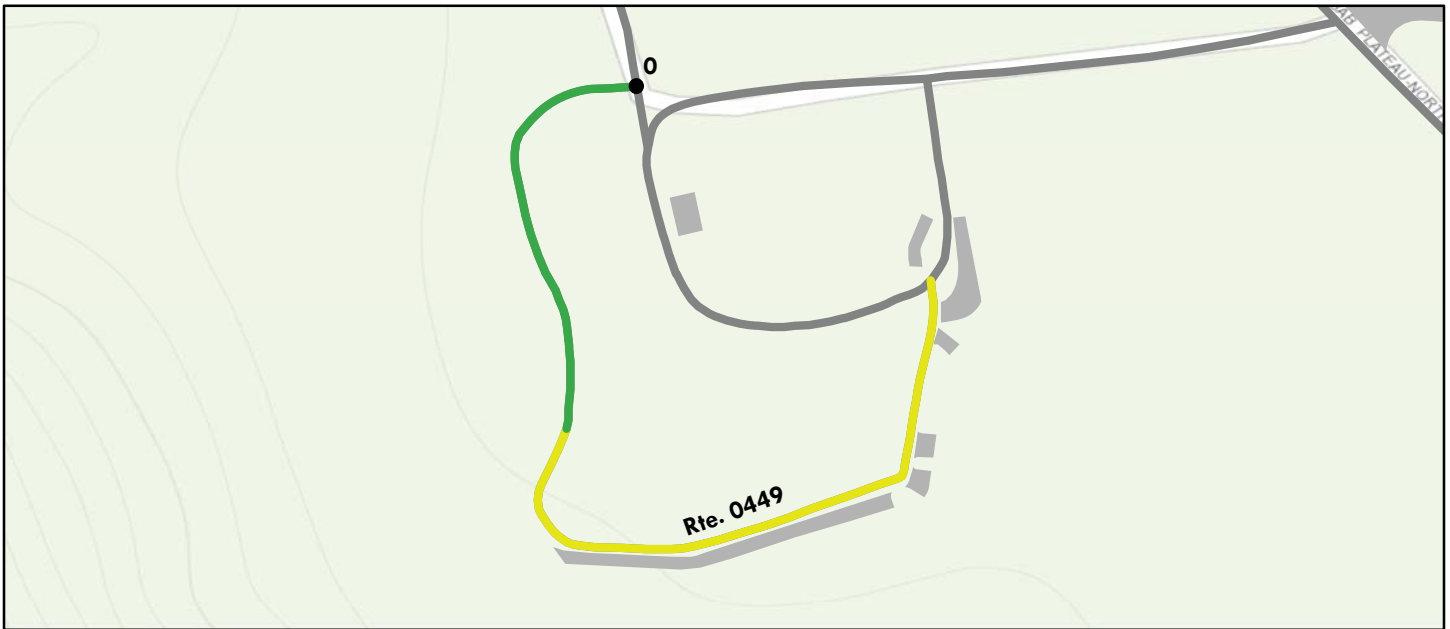
Route Condition Legend – Pavement Condition Rating (PCR)						
Poor (0 - 60)	Fair (61- 84)	Good (85 - 94)	Excellent (95 - 100)	Not Rated		
See Appendix for definitions and formulas						
Inspection Date: 7/7/2016	Beginning Section MP	0				
Paved Length (Miles): 0.17	Section Length (MI)	0.17				
Surface Type: ASPHALT	Route Summary					
Roadway Condition Information						
Pavement Condition Rating (PCR)	33	33				
Surface Condition Rating (SCR)	N/A	N/A				
Roughness Condition Index (RCI)	N/A	N/A				
Distress Index Values						
Structural Crack Index	N/A	N/A				
Alligator Crack Index	N/A	N/A				
Longitudinal Crack Index	N/A	N/A				
Transverse Cracking Index	N/A	N/A				
Patching Index	N/A	N/A				
Rutting Index	N/A	N/A				
International Roughness Index (IRI)	N/A	N/A				
Lane & Width Information						
Number of Lanes	2	2				
Paved Width (ft)	15.7	15.7				
Lane Width (ft)	7.8	7.8				

This route has sections of road that were manually rated due to the severe deterioration of the pavement. The PCR was provided but no other distress indices were populated.

Grand Canyon National Park

ROUTE 0449: NORTH RIM RESIDENCE LOOP

Data Collection Vehicle (DCV) Rating



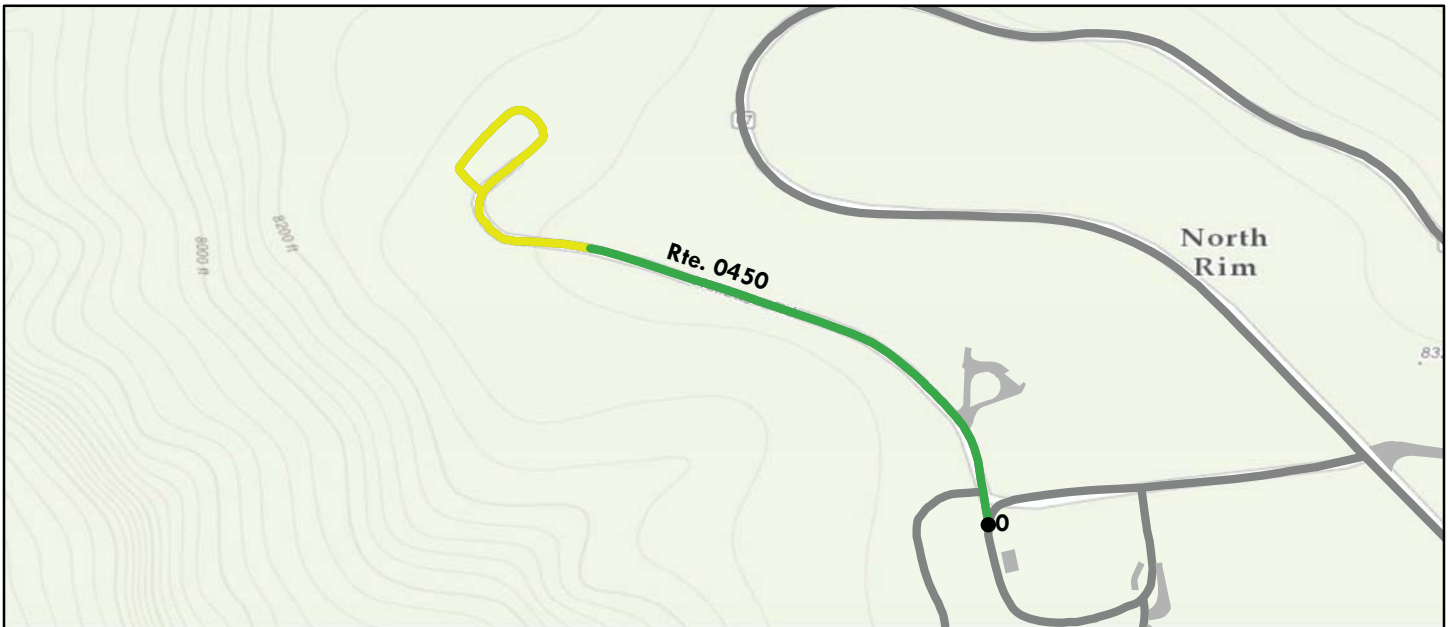
Sources: Esri, DeLorme, NAVTEQ, TomTom, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), swisstopo, and the GIS User Community

Route Condition Legend – 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: 7/7/2016	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)	83	83				
Surface Condition Rating (SCR)	83	83				
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	83	83				
Patching Index	100	100				
Rutting Index	91	91				
International Roughness Index (IRI)	N/A	N/A				
Lane & Width Information						
Number of Lanes	2	2				
Paved Width (ft)	15.3	15.3				
Lane Width (ft)	7.6	7.6				

Grand Canyon National Park

ROUTE 0450: WASTEWATER PLANT / HELIPAD ROAD

Data Collection Vehicle (DCV) Rating



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

Route Condition Legend – 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: 7/7/2016	Beginning Section MP	0				
Paved Length (Miles): 0.35	Section Length (MI)	0.35				
Surface Type: ASPHALT	Route Summary					
Roadway Condition Information						
Pavement Condition Rating (PCR)	88	88				
Surface Condition Rating (SCR)	88	88				
Roughness Condition Index (RCI)	N/A	N/A				
Distress Index Values						
Structural Crack Index	89	89				
Alligator Crack Index	99	99				
Longitudinal Crack Index	90	90				
Transverse Cracking Index	93	93				
Patching Index	99	99				
Rutting Index	88	88				
International Roughness Index (IRI)	N/A	N/A				
Lane & Width Information						
Number of Lanes	1	1				
Paved Width (ft)	12	12				
Lane Width (ft)	12	12				

Grand Canyon National Park

ROUTE 0451: HAVASUPAI ROAD

Data Collection Vehicle (DCV) Rating



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

Route Condition Legend – 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: 7/9/2016	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)	80	80				
Surface Condition Rating (SCR)	80	80				
Roughness Condition Index (RCI)	N/A	N/A				
Distress Index Values						
Structural Crack Index	83	83				
Alligator Crack Index	94	94				
Longitudinal Crack Index	89	89				
Transverse Cracking Index	80	80				
Patching Index	99	99				
Rutting Index	94	94				
International Roughness Index (IRI)	N/A	N/A				
Lane & Width Information						
Number of Lanes	2	2				
Paved Width (ft)	21	21				
Lane Width (ft)	10.1	10.1				

Grand Canyon National Park

ROUTE 0461ZZ: EAST ENTRANCE RESIDENCE ROADS

Summary Route



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

Note: 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.

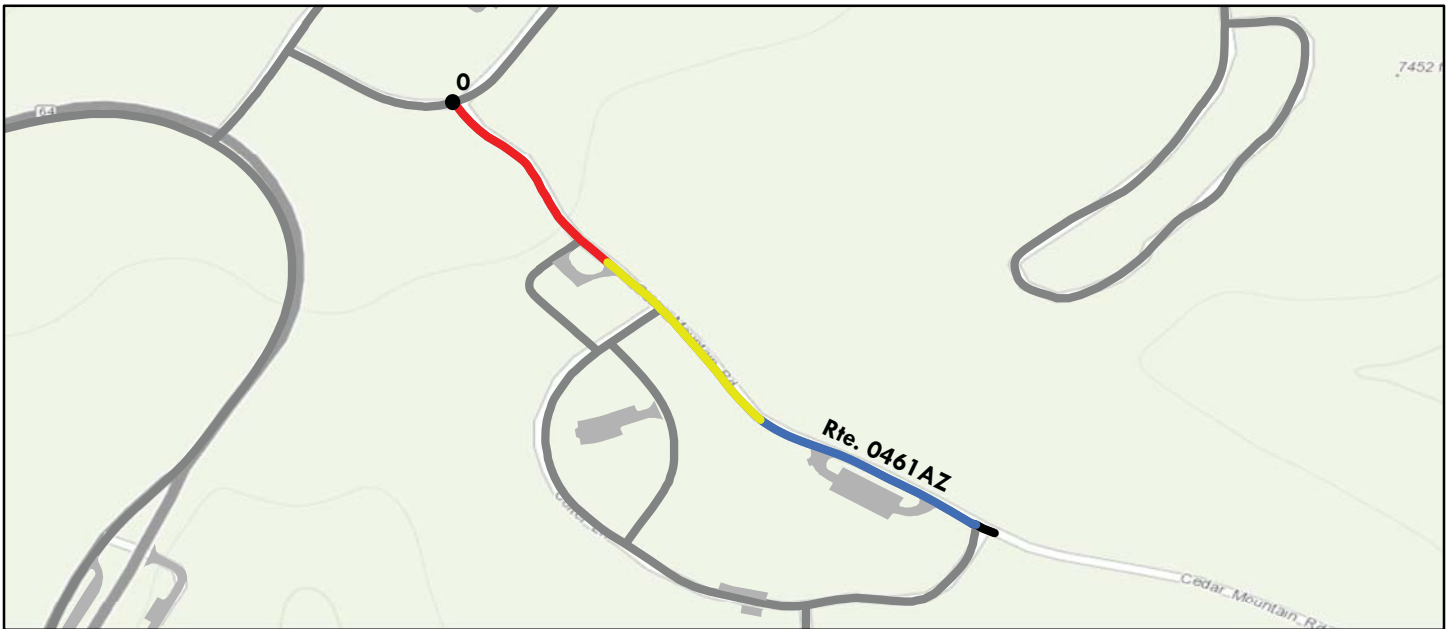
Route Condition Legend – Pavement Condition Rating (PCR)						
Poor (0 - 60)	Fair (61- 84)	Good (85 - 94)	Excellent (95 - 100)	Not Rated		
See Appendix for definitions and formulas						
Inspection Date:	7/9/2016					
Paved Length (Miles):	0.77					
Surface Type:	ASPHALT	Route Summary				
Roadway Condition Information						
Pavement Condition Rating (PCR)	68					
Lane & Width Information						
Number of Lanes	2					
Paved Width (ft)	22.9					
Lane Width (ft)	11					

Grand Canyon National Park

ROUTE 0461AZ: CEDAR MOUNTAIN ROAD

Subcomponent of Route GRCA-0461ZZ

Data Collection Vehicle (DCV) Rating



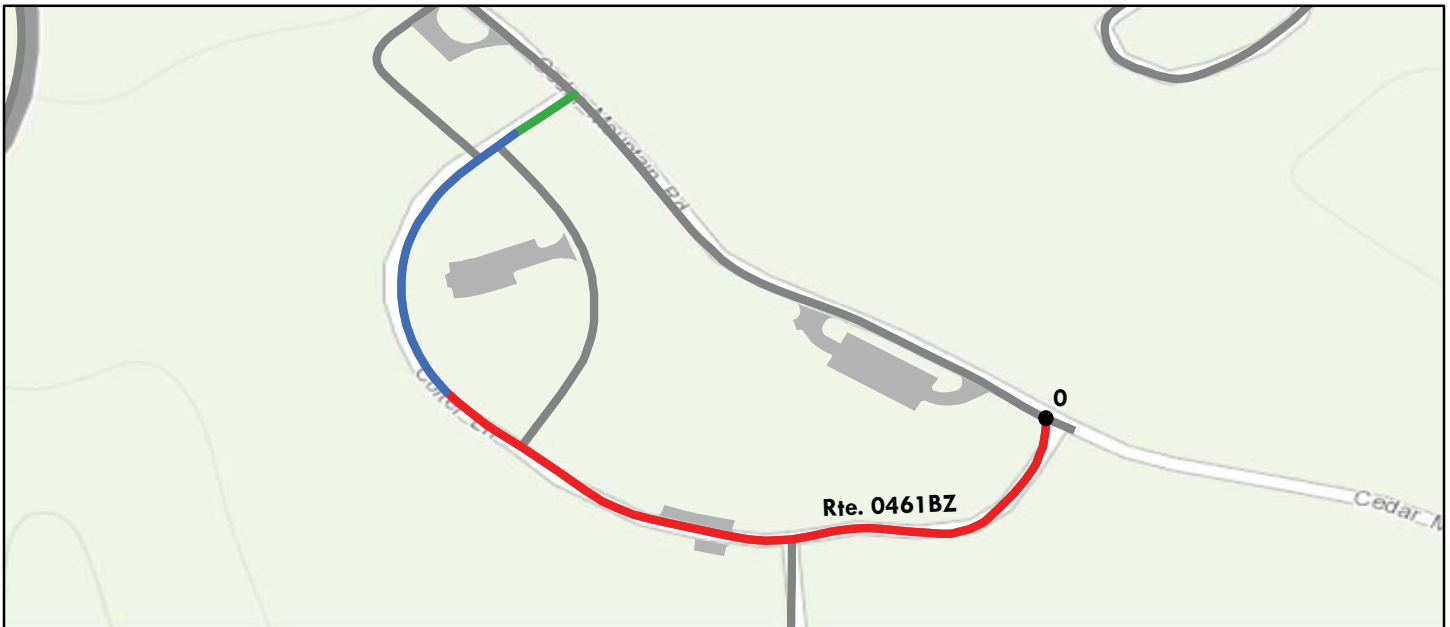
Sources: Esri, DeLorme, NAVTEQ, TomTom, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), swisstopo, and the GIS User Community

Route Condition Legend – 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: 7/9/2016	Beginning Section MP	0				
Paved Length (Miles): 0.31	Section Length (MI)	0.31				
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	79	79				
Alligator Crack Index	85	85				
Longitudinal Crack Index	94	94				
Transverse Cracking Index	94	94				
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)	23.2	23.2				
Lane Width (ft)	11.1	11.1				

Grand Canyon National Park

ROUTE 0461BZ: COLTER LANE

Subcomponent of Route GRCA-0461ZZ
 Data Collection Vehicle (DCV) Rating



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

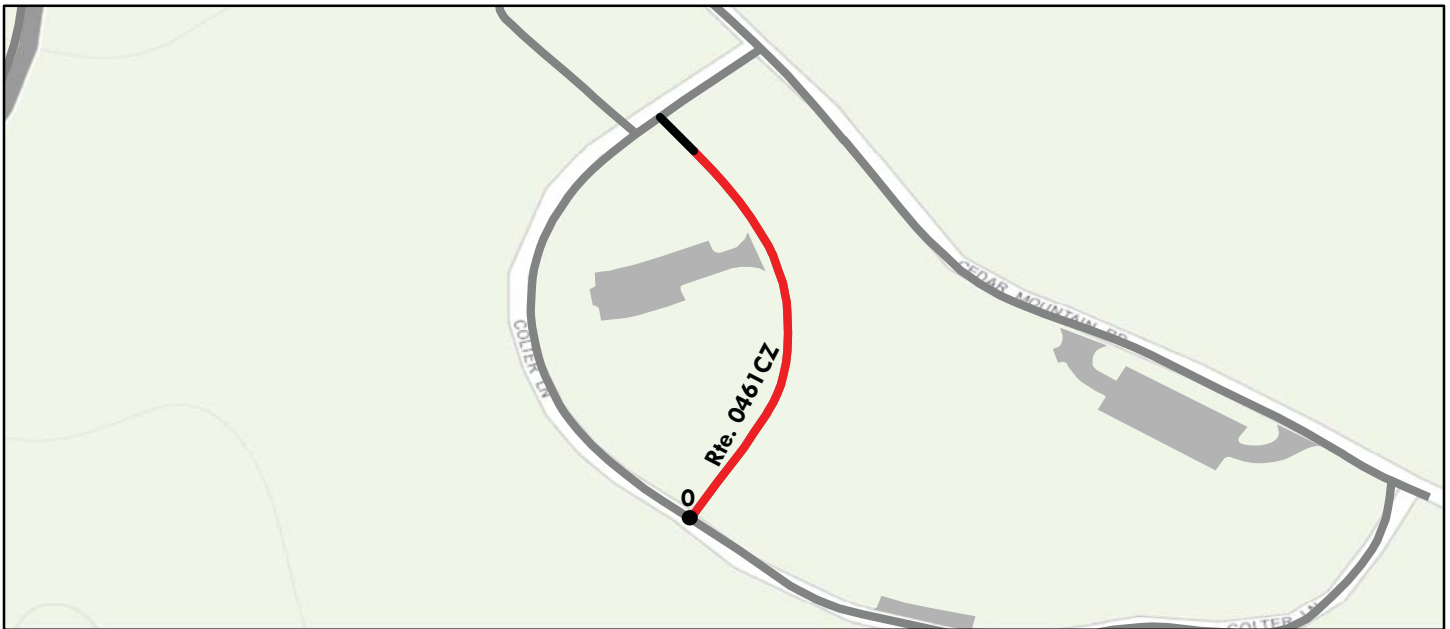
Route Condition Legend – Pavement Condition Rating (PCR)						
Poor (0 - 60)	Fair (61- 84)	Good (85 - 94)	Excellent (95 - 100)	Not Rated		
See Appendix for definitions and formulas						
Inspection Date: 7/9/2016	Beginning Section MP	0				
Paved Length (Miles): 0.32	Section Length (MI)	0.32				
Surface Type: ASPHALT	Route Summary					
Roadway Condition Information						
Pavement Condition Rating (PCR)	74	74				
Surface Condition Rating (SCR)	85	85				
Roughness Condition Index (RCI)	N/A	N/A				
Distress Index Values						
Structural Crack Index	85	85				
Alligator Crack Index	98	98				
Longitudinal Crack Index	87	87				
Transverse Cracking Index	95	95				
Patching Index	99	99				
Rutting Index	94	94				
International Roughness Index (IRI)	N/A	N/A				
Lane & Width Information						
Number of Lanes	2	2				
Paved Width (ft)	23.5	23.5				
Lane Width (ft)	11.3	11.3				

Grand Canyon National Park

ROUTE 0461CZ: NANKOWEAP ROAD

Subcomponent of Route GRCA-0461ZZ

Data Collection Vehicle (DCV) Rating



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

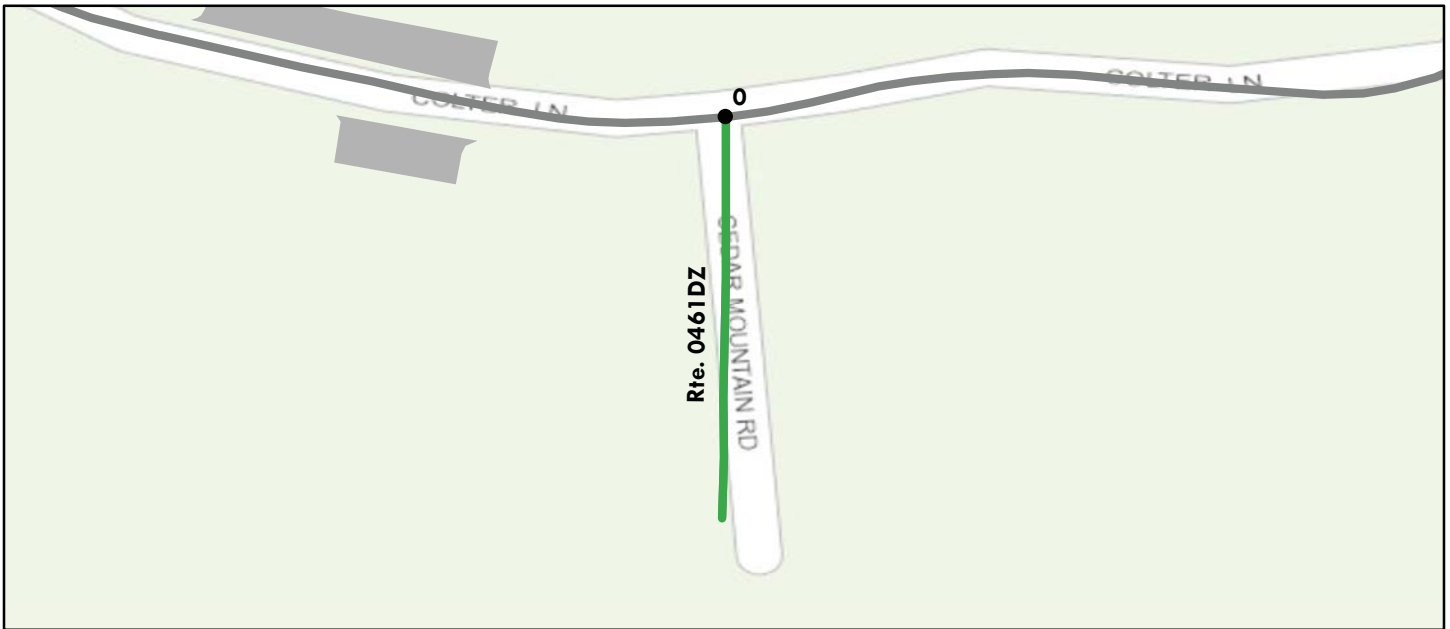
Route Condition Legend – Pavement Condition Rating (PCR)						
Poor (0 - 60)	Fair (61- 84)	Good (85 - 94)	Excellent (95 - 100)	Not Rated		
See Appendix for definitions and formulas						
Inspection Date: 7/9/2016	Beginning Section MP	0				
Paved Length (Miles): 0.11	Section Length (MI)	0.11				
Surface Type: ASPHALT	Route Summary					
Roadway Condition Information						
Pavement Condition Rating (PCR)	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	68	68				
Longitudinal Crack Index	21	21				
Transverse Cracking Index	68	68				
Patching Index	94	94				
Rutting Index	84	84				
International Roughness Index (IRI)	N/A	N/A				
Lane & Width Information						
Number of Lanes	2	2				
Paved Width (ft)	19.8	19.8				
Lane Width (ft)	9.9	9.9				

Grand Canyon National Park

ROUTE 0461DZ: CARDENAS COURT

Subcomponent of Route GRCA-0461ZZ

Data Collection Vehicle (DCV) Rating



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

Route Condition Legend – 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: 7/9/2016	Beginning Section MP	0				
Paved Length (Miles): 0.03	Section Length (MI)	0.03				
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	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)	24	24				
Lane Width (ft)	10.4	10.4				

Grand Canyon National Park

ROUTE 0464: TANK C PUMPHOUSE ROAD

Data Collection Vehicle (DCV) Rating



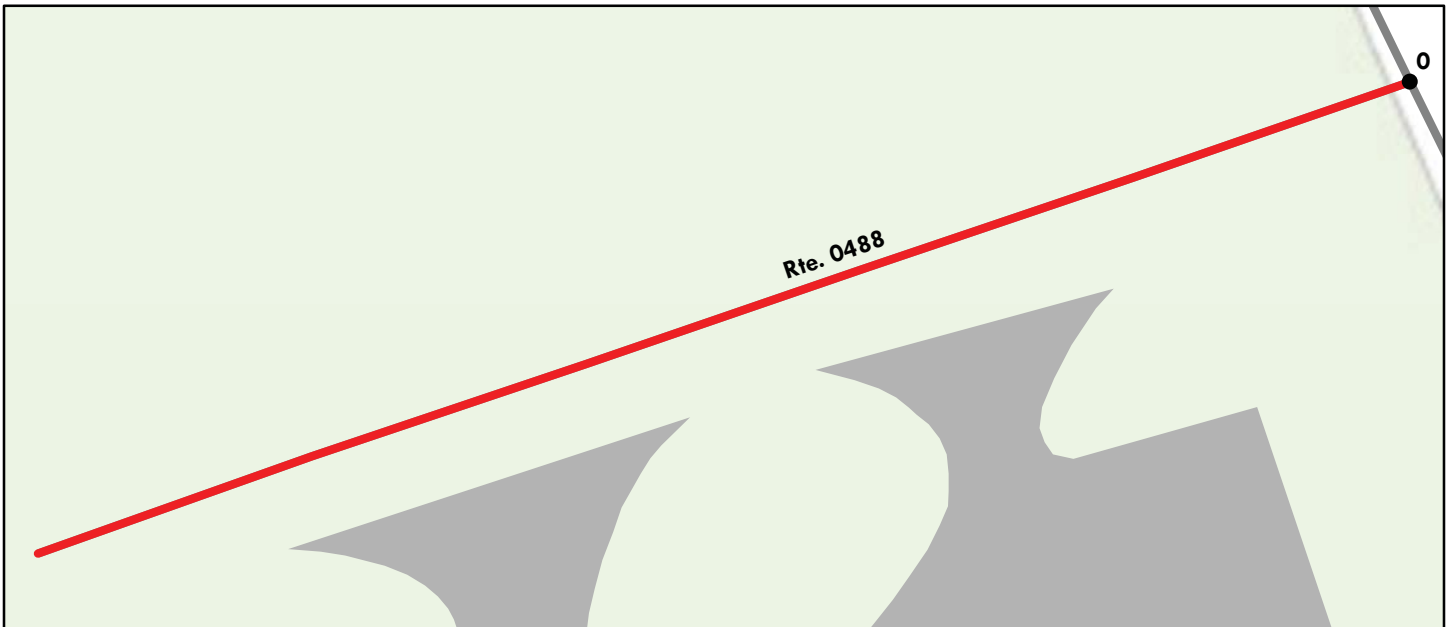
Sources: Esri, DeLorme, NAVTEQ, TomTom, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), swisstopo, and the GIS User Community

Route Condition Legend – 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: 7/9/2016	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)	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	97	97				
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)	12.5	12.5				
Lane Width (ft)	12.5	12.5				

Grand Canyon National Park

ROUTE 0488: FIRE STATION ACCESS ROAD

Data Collection Vehicle (DCV) Rating



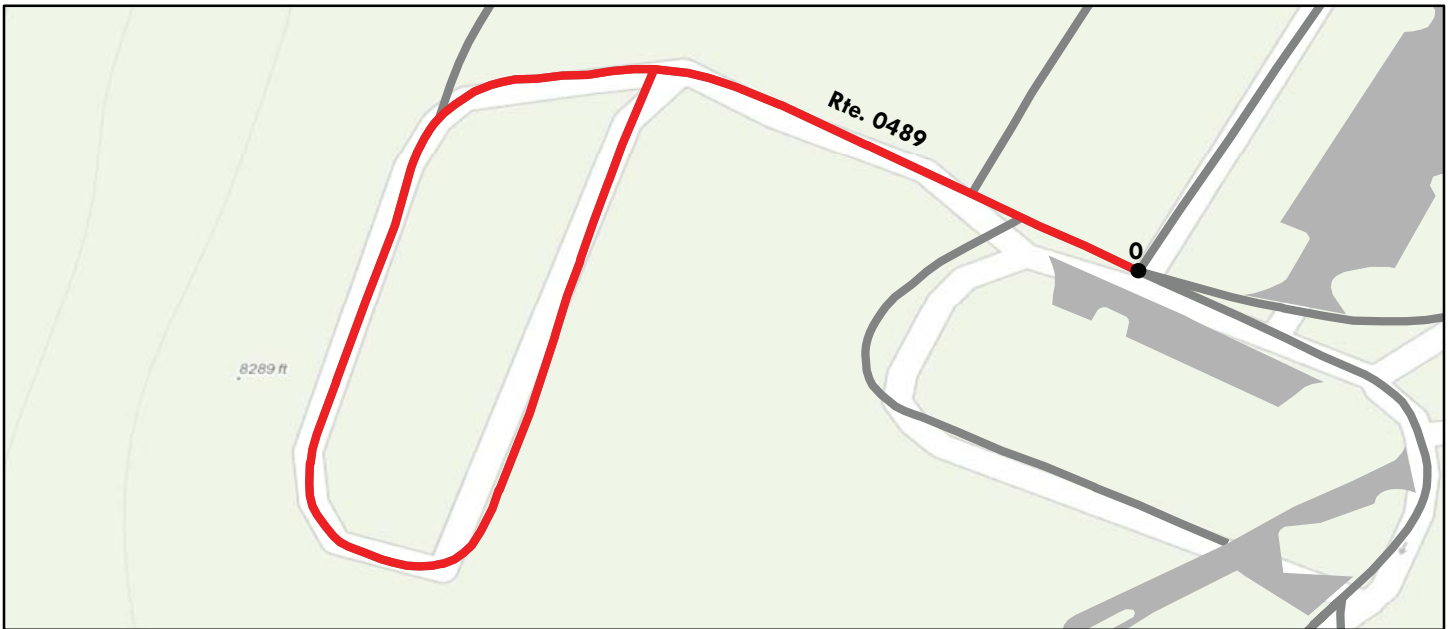
Sources: Esri, DeLorme, NAVTEQ, TomTom, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), swisstopo, and the GIS User Community

Route Condition Legend – 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: 7/8/2016	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)	60	60				
Surface Condition Rating (SCR)	60	60				
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	96	96				
Patching Index	100	100				
Rutting Index	60	60				
International Roughness Index (IRI)	N/A	N/A				
Lane & Width Information						
Number of Lanes	2	2				
Paved Width (ft)	33.4	33.4				
Lane Width (ft)	16.7	16.7				

Grand Canyon National Park

ROUTE 0489: INN CABIN LOOP

Data Collection Vehicle (DCV) Rating



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

Route Condition Legend – 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: 7/7/2016	Beginning Section MP	0				
Paved Length (Miles): 0.2	Section Length (MI)	0.2				
Surface Type: ASPHALT	Route Summary					
Roadway Condition Information						
Pavement Condition Rating (PCR)	14	14				
Surface Condition Rating (SCR)	N/A	N/A				
Roughness Condition Index (RCI)	N/A	N/A				
Distress Index Values						
Structural Crack Index	N/A	N/A				
Alligator Crack Index	N/A	N/A				
Longitudinal Crack Index	N/A	N/A				
Transverse Cracking Index	N/A	N/A				
Patching Index	N/A	N/A				
Rutting Index	N/A	N/A				
International Roughness Index (IRI)	N/A	N/A				
Lane & Width Information						
Number of Lanes	1	1				
Paved Width (ft)	15.1	15.1				
Lane Width (ft)	7.6	7.6				

This route has sections of road that were manually rated due to the severe deterioration of the pavement. The PCR was provided but no other distress indices were populated.

Grand Canyon National Park

ROUTE 0490: CAMPGROUND STORE / CONCESSION ACCESS ROAD

Data Collection Vehicle (DCV) Rating



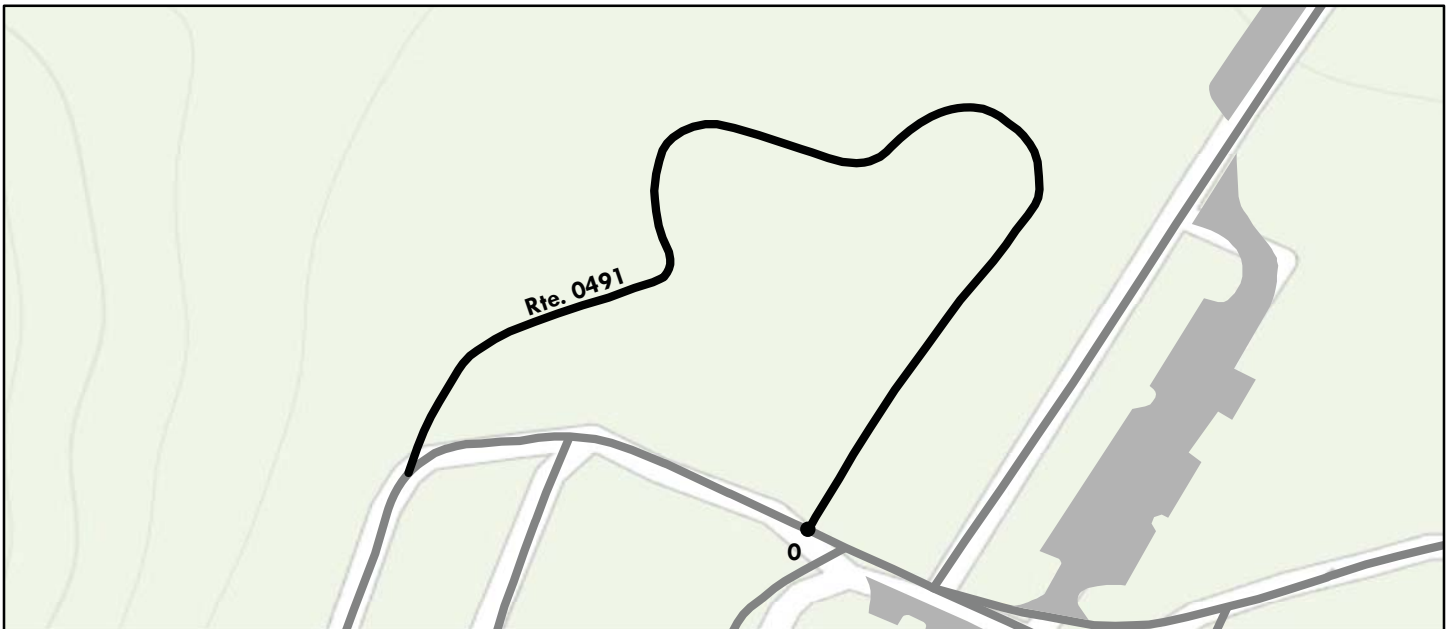
Sources: Esri, DeLorme, NAVTEQ, TomTom, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), swisstopo, and the GIS User Community

Route Condition Legend – 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: 7/7/2016	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)	96	96				
Surface Condition Rating (SCR)	96	96				
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	96	96				
International Roughness Index (IRI)	N/A	N/A				
Lane & Width Information						
Number of Lanes	1	1				
Paved Width (ft)	12.5	12.5				
Lane Width (ft)	12.5	12.5				

Grand Canyon National Park

ROUTE 0491: EXPOSED FRAME CABIN RESIDENCE ROAD

Manual Rating



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

Route Condition Legend – 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: 5/16/2016	Beginning Section MP	0.00				
Paved Length (Miles): 0.20	Section Length (MI)	0.20				
Surface Type: ASPHALT	Route Summary					
Roadway Condition Information						
Pavement Condition Rating (PCR)	N/A	N/A				
Surface Condition Rating (SCR)	N/A	N/A				
Roughness Condition Index (RCI)	N/A	N/A				
Distress Index Values						
Structural Crack Index	N/A	N/A				
Alligator Crack Index	N/A	N/A				
Longitudinal Crack Index	N/A	N/A				
Transverse Cracking Index	N/A	N/A				
Patching Index	N/A	N/A				
Rutting Index	N/A	N/A				
International Roughness Index (IRI)	N/A	N/A				
Lane & Width Information						
Number of Lanes	1	1				
Paved Width (ft)	16	16				
Lane Width (ft)	16	16				

Note: Route was not rated because pavement was covered with debris and looks unpaved in places.

Grand Canyon National Park

ROUTE 0491: EXPOSED FRAME CABIN RESIDENCE ROAD

Condition Photos

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



GRCA_0491_4968.JPG



GRCA_0491_4970.JPG



GRCA_0491_4971.JPG



GRCA_0491_4972.JPG



GRCA_0491_4974.JPG

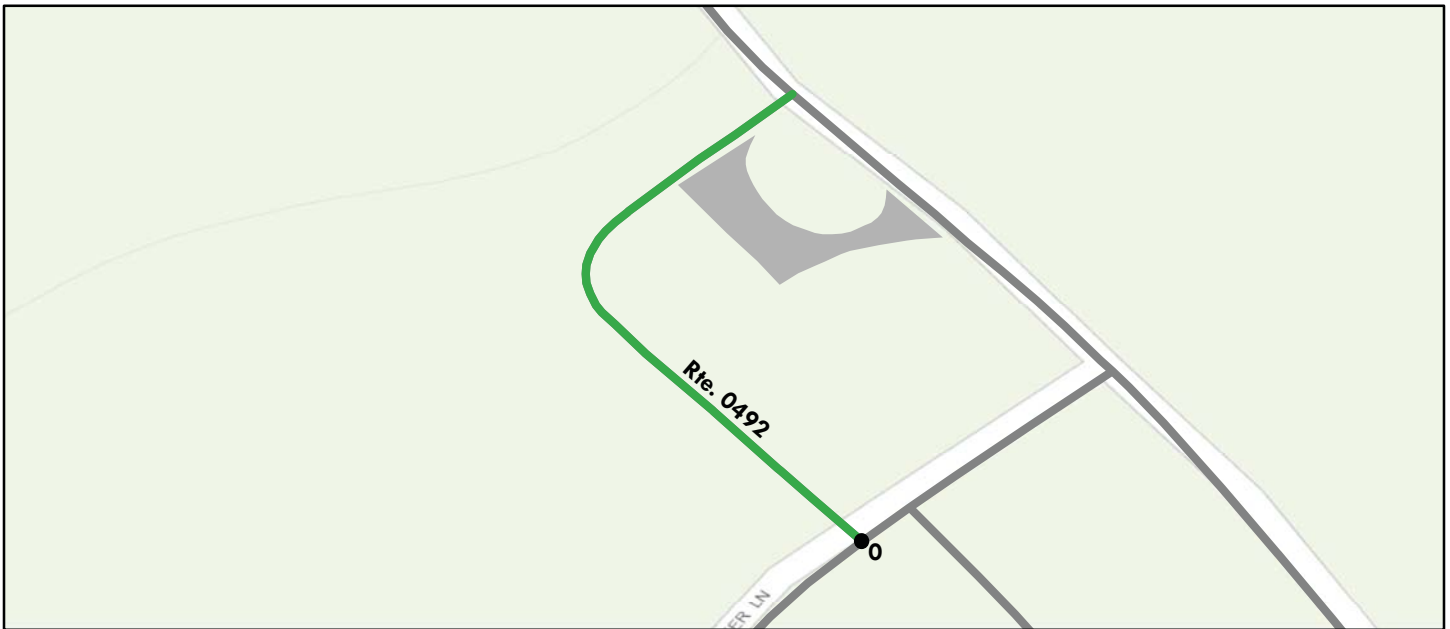


GRCA_0491_4975.JPG

Grand Canyon National Park

ROUTE 0492: DESERT VIEW MAINTENANCE / RANGER STATION ROAD

Data Collection Vehicle (DCV) Rating



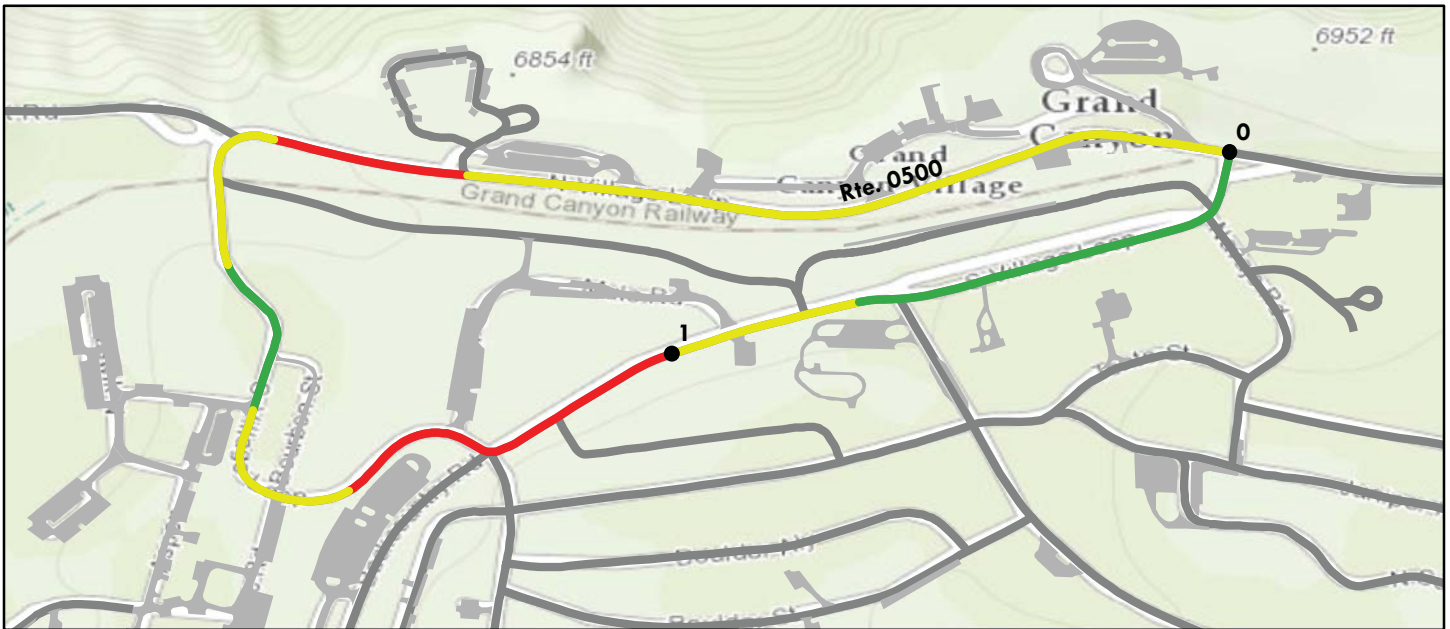
Sources: Esri, DeLorme, NAVTEQ, TomTom, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), swisstopo, and the GIS User Community

Route Condition Legend – 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: 7/9/2016	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)	86	86				
Surface Condition Rating (SCR)	86	86				
Roughness Condition Index (RCI)	N/A	N/A				
Distress Index Values						
Structural Crack Index	86	86				
Alligator Crack Index	94	94				
Longitudinal Crack Index	92	92				
Transverse Cracking Index	96	96				
Patching Index	99	99				
Rutting Index	90	90				
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				

Grand Canyon National Park

ROUTE 0500: VILLAGE LOOP DRIVE

Data Collection Vehicle (DCV) Rating



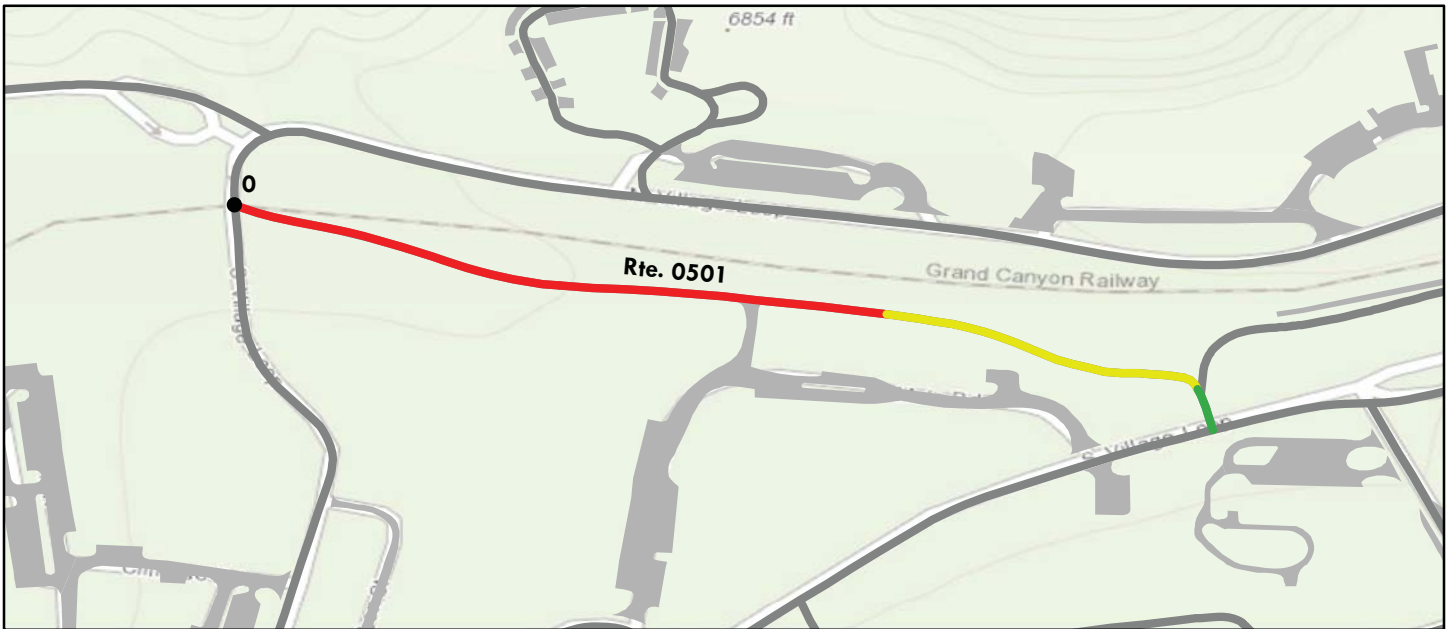
Sources: Esri, DeLorme, NAVTEQ, TomTom, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), swisstopo, and the GIS User Community

Route Condition Legend – 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:	7/8/2016	Beginning Section MP	0	1						
Paved Length (Miles):	1.32	Section Length (MI)	1	0.32						
Surface Type:	ASPHALT	Route Summary								
Roadway Condition Information										
Pavement Condition Rating (PCR)	69	65	82							
Surface Condition Rating (SCR)	69	65	82							
Roughness Condition Index (RCI)	N/A	N/A	N/A							
Distress Index Values										
Structural Crack Index	69	65	82							
Alligator Crack Index	77	71	96							
Longitudinal Crack Index	92	94	86							
Transverse Cracking Index	89	88	92							
Patching Index	100	100	100							
Rutting Index	87	87	84							
International Roughness Index (IRI)	N/A	N/A	N/A							
Lane & Width Information										
Number of Lanes	1	1	2							
Paved Width (ft)	29.9	29.1	32.6							
Lane Width (ft)	21.6	24.1	13.8							

Grand Canyon National Park

ROUTE 0501: VILLAGE LOOP BYPASS

Data Collection Vehicle (DCV) Rating



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

Route Condition Legend – 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: 7/8/2016	Beginning Section MP	0				
Paved Length (Miles): 0.31	Section Length (MI)	0.31				
Surface Type: ASPHALT	Route Summary					
Roadway Condition Information						
Pavement Condition Rating (PCR)	56	56				
Surface Condition Rating (SCR)	56	56				
Roughness Condition Index (RCI)	N/A	N/A				
Distress Index Values						
Structural Crack Index	56	56				
Alligator Crack Index	82	82				
Longitudinal Crack Index	74	74				
Transverse Cracking Index	56	56				
Patching Index	99	99				
Rutting Index	76	76				
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)	11.5	11.5				

Grand Canyon National Park

ROUTE 0502: SOUTH ENTRANCE BYPASS LANE

Data Collection Vehicle (DCV) Rating



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

Route Condition Legend – 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: 7/8/2016	Beginning Section MP	0				
Paved Length (Miles): 0.45	Section Length (MI)	0.45				
Surface Type: ASPHALT	Route Summary					
Roadway Condition Information						
Pavement Condition Rating (PCR)	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)	17.8	17.8				
Lane Width (ft)	13.2	13.2				

Grand Canyon National Park

ROUTE 0503: MATHER POINT SHUTTLE LOOP

Data Collection Vehicle (DCV) Rating



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

Route Condition Legend – 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: 7/9/2016	Beginning Section MP	0				
Paved Length (Miles): 0.14	Section Length (MI)	0.14				
Surface Type: CONCRETE	Route Summary					
Roadway Condition Information						
Pavement Condition Rating (PCR)	90	90				
Surface Condition Rating (SCR)	N/A	N/A				
Roughness Condition Index (RCI)	N/A	N/A				
Distress Index Values						
Structural Crack Index	N/A	N/A				
Alligator Crack Index	N/A	N/A				
Longitudinal Crack Index	N/A	N/A				
Transverse Cracking Index	N/A	N/A				
Patching Index	N/A	N/A				
Rutting Index	N/A	N/A				
International Roughness Index (IRI)	N/A	N/A				
Lane & Width Information						
Number of Lanes	1	1				
Paved Width (ft)	27	27				
Lane Width (ft)	18.7	18.7				

Grand Canyon National Park

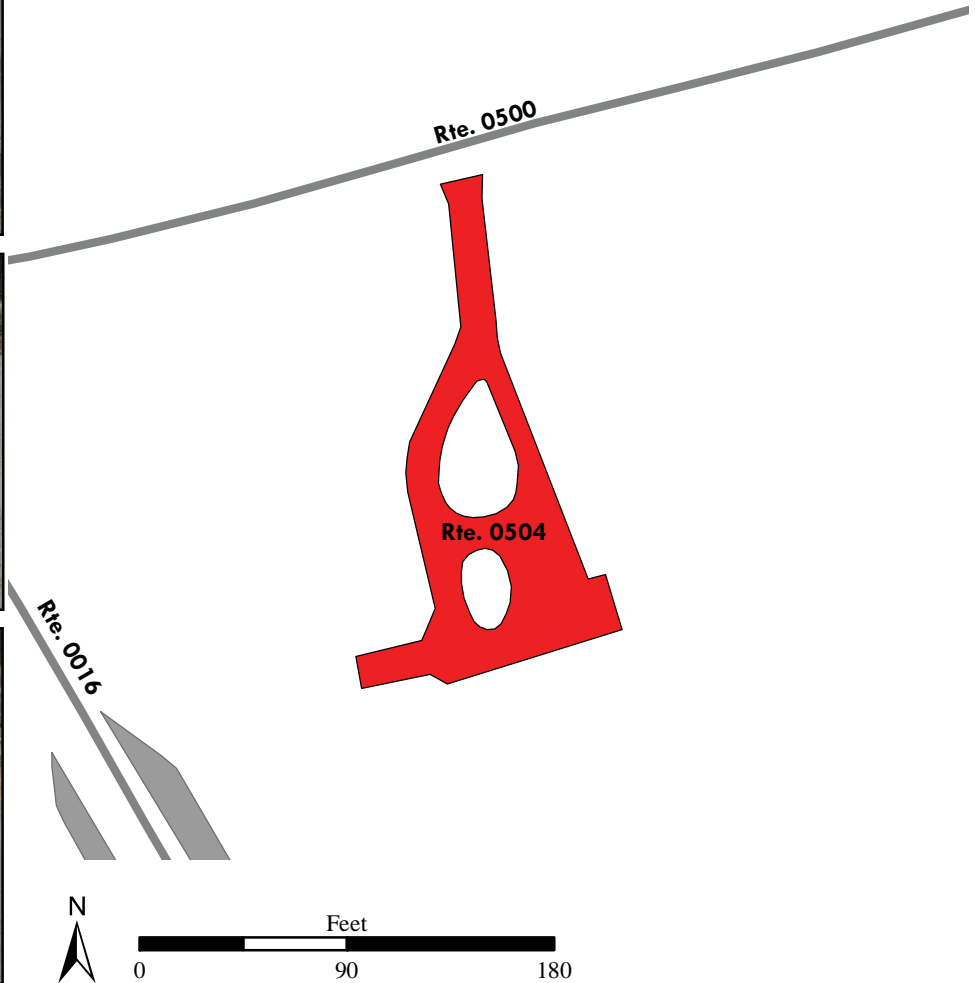
ROUTE 0504: CONC VILLAGE LOOP CONCESSION HOUSING ACCESS ROAD

Manual Rating

FROM ROUTE 0500 (VILLAGE LOOP DRIVE)

TO END

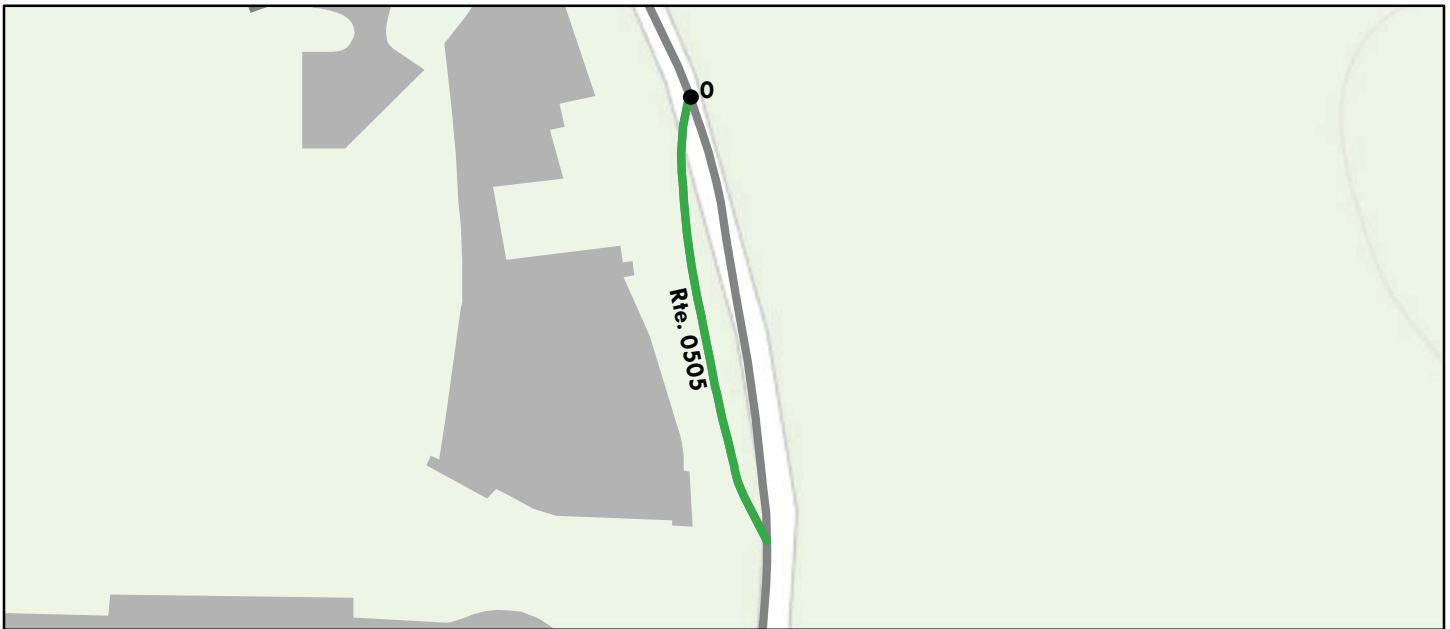
Inspection Date	FMSS Number	User Access	Surface Type
5/16/2016	235836	PUBLIC	ASPHALT
Area (Sq. Ft.)	Lane Miles (11' Widths)	Pavement Recommendation	
6,221	0.107	RECONSTRUCTION	
Condition Rating / PCR			
POOR / 30			
Route Condition Legend – Pavement Condition Rating (PCR)			
Poor (0 - 60)	Fair (61- 84)	Good (85 - 94)	Excellent (95 - 100)
Not Rated			
See Appendix for definitions and formulas			



Grand Canyon National Park

ROUTE 0505: WEIGH STATION

Data Collection Vehicle (DCV) Rating



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

Route Condition Legend – 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: 7/8/2016	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)	89	89				
Surface Condition Rating (SCR)	89	89				
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	100	100				
Rutting Index	89	89				
International Roughness Index (IRI)	N/A	N/A				
Lane & Width Information						
Number of Lanes	1	1				
Paved Width (ft)	10	10				
Lane Width (ft)	10	10				

Grand Canyon National Park

ROUTE 0601: ALBRIGHT AVENUE

Data Collection Vehicle (DCV) Rating



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

Route Condition Legend – 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: 7/8/2016	Beginning Section MP	0				
Paved Length (Miles): 0.62	Section Length (MI)	0.62				
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	98	98				
Alligator Crack Index	100	100				
Longitudinal Crack Index	98	98				
Transverse Cracking Index	71	71				
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)	22.8	22.8				
Lane Width (ft)	10.7	10.7				

Section 6 Paved Parking Area Condition Rating Sheets



Grand Canyon National Park



Federal Lands Highway
Road Inventory Program

Grand Canyon National Park

ROUTE 0900: SOUTH ENTRANCE GRAND CANYON PARKING

Manual Rating

FROM ROUTE 0012 (SOUTH ENTRANCE ROAD) AT MP 0.46

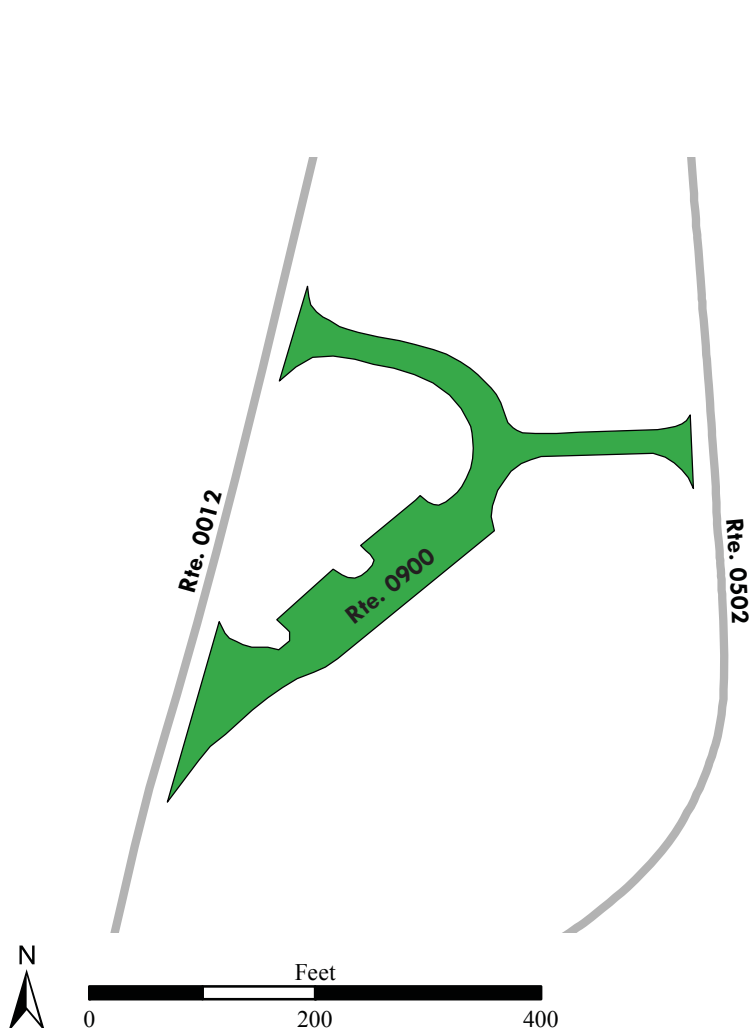
TO ROUTE 0012 (SOUTH ENTRANCE ROAD) AT MP 0.52

Inspection Date	FMSS Number	User Access	Surface Type
5/17/2016	58280	PUBLIC	ASPHALT
Area (Sq. Ft.)	Lane Miles (11' Widths)	Curb Reveal (Inches)	Curb Recommendation
24,884	0.428	4	MODERATE REPAIR
Curb Type		Curb & Gutter Type	
STONE		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



Grand Canyon National Park

ROUTE 0901: SOUTH ENTRANCE STATION PARKING

Manual Rating

FROM ROUTE 0012 (SOUTH ENTRANCE ROAD)

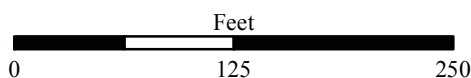
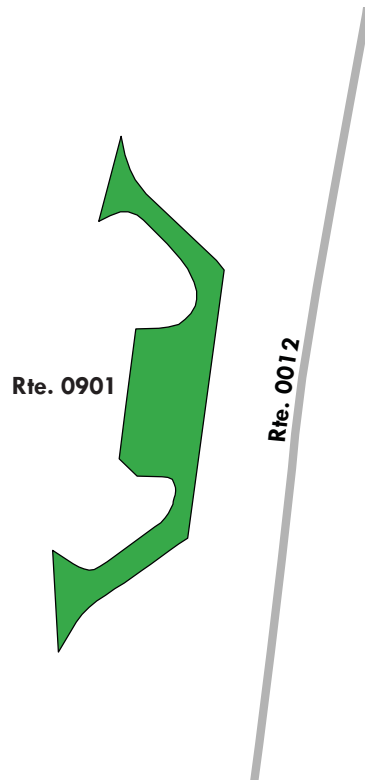
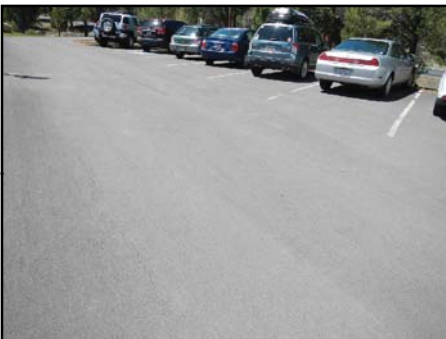
TO ROUTE 0012 (SOUTH ENTRANCE ROAD)

Inspection Date	FMSS Number	User Access	Surface Type
5/17/2016	58281	NONPUBLIC	ASPHALT
Area (Sq. Ft.)	Lane Miles (11' Widths)	Curb Reveal (Inches)	Curb Recommendation
6,189	0.107	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



Grand Canyon National Park

ROUTE 0903: HEADQUARTERS PARKING

Manual Rating

FROM ROUTE 0012 (SOUTH ENTRANCE ROAD) AT MP 6.83 ON RIGHT

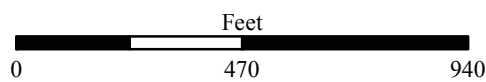
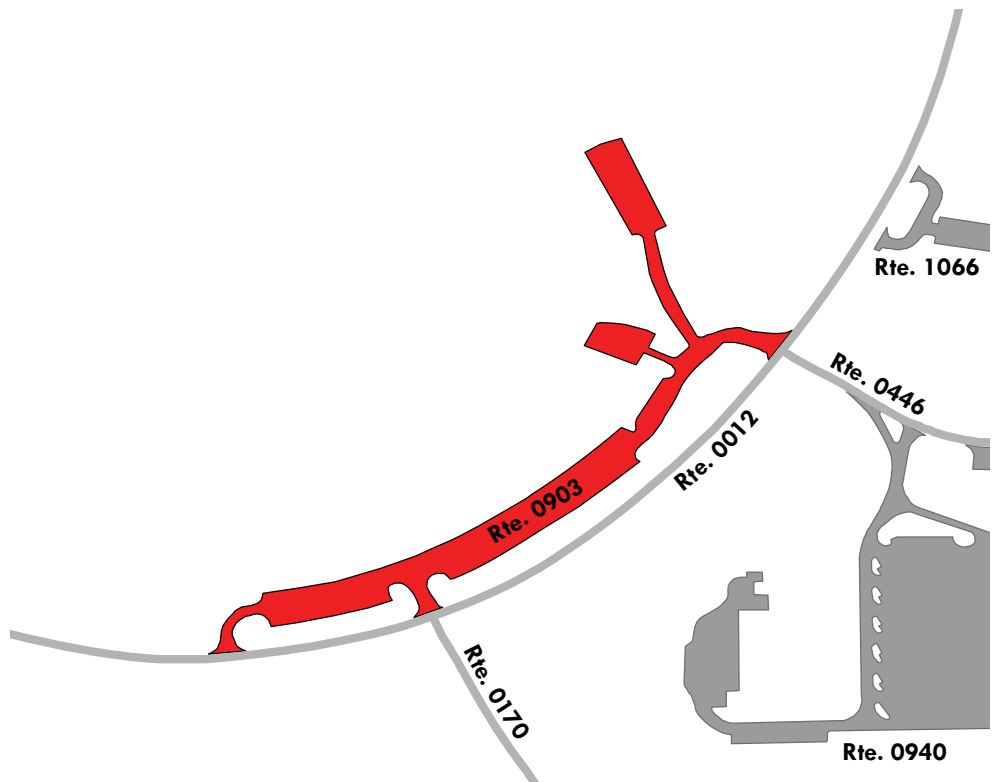
TO ROUTE 0012 (SOUTH ENTRANCE ROAD) AT MP 7.06

Inspection Date	FMSS Number	User Access	Surface Type
5/16/2016	58283	PUBLIC	ASPHALT
Area (Sq. Ft.)	Lane Miles (11' Widths)	Curb Reveal (Inches)	Curb Recommendation
91,603	1.577	5	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



Grand Canyon National Park

ROUTE 0904ZZ: EL TOVAR/VERKAMPS PARKING AREAS

Summary Route
Manual Rating

FROM ROUTE 0500 (VILLAGE LOOP DRIVE)

TO PARKING

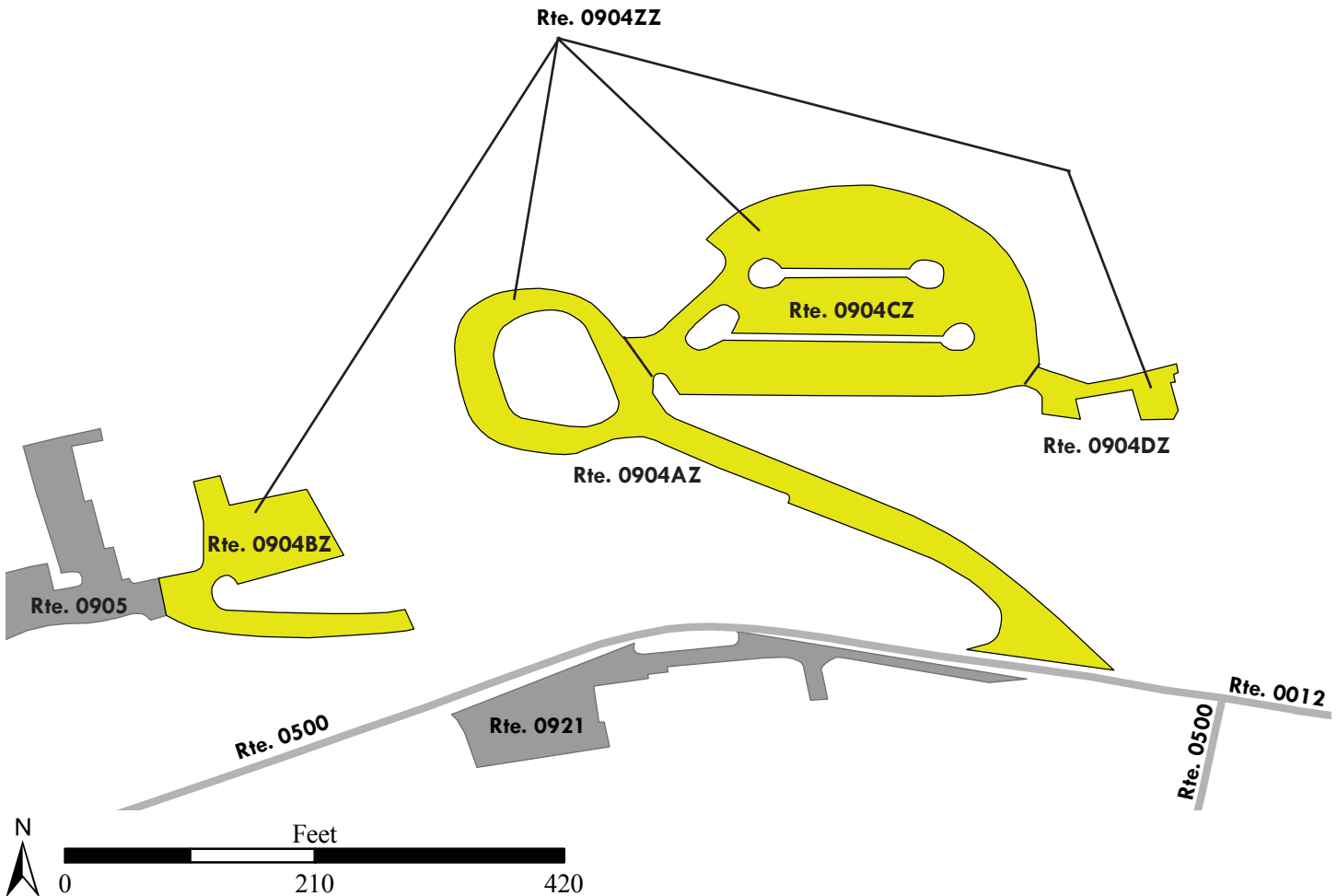
Inspection Date	FMSS Number	User Access	Surface Type
5/16/2016	58288	PUBLIC	ASPHALT
Area (Sq. Ft.)	Lane Miles (11' Widths)	Condition Rating / PCR	
64,136	1.104	SUMMARY / 69	

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.



Grand Canyon National Park

ROUTE 0904AZ: EL TOVAR/VERKAMPS PARKING A

Subcomponent of Route GRCA-0904ZZ
Manual Rating

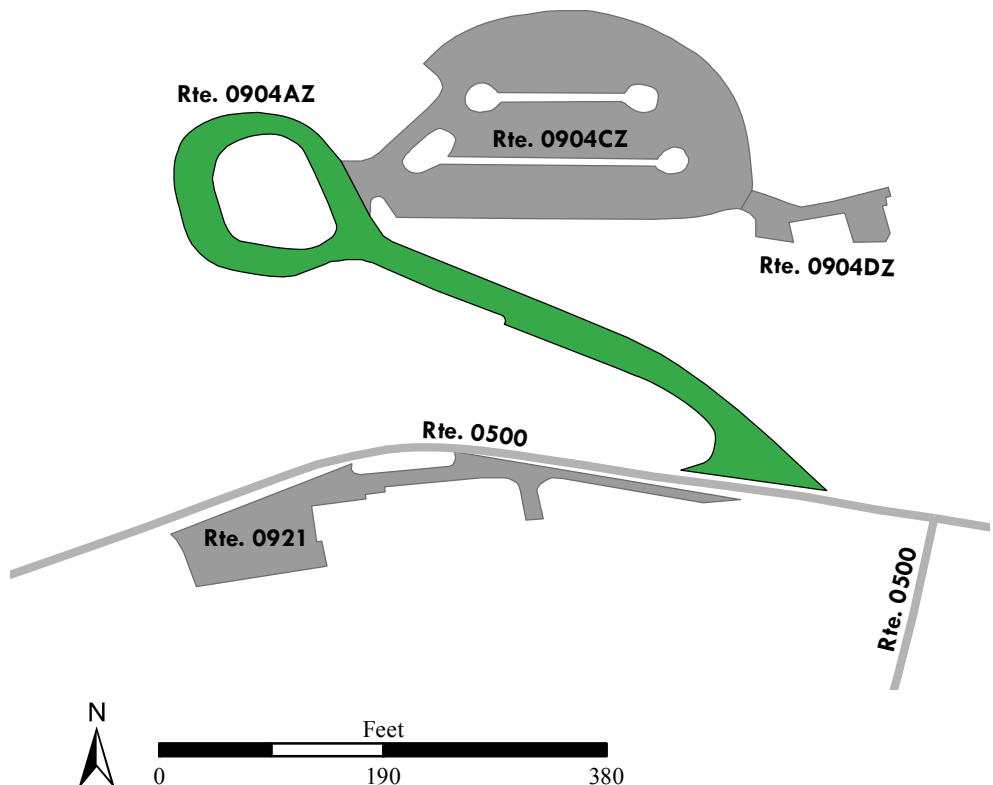
FROM ROUTE 0500 (VILLAGE LOOP DRIVE)
 TO END OF LOOP

Inspection Date	FMSS Number	User Access	Surface Type
5/16/2016	58288	PUBLIC	ASPHALT
Area (Sq. Ft.)	Lane Miles (11' Widths)	Curb Reveal (Inches)	Curb Recommendation
18,179	0.313	7	DO NOTHING
Curb Type		Curb & Gutter Type	
STONE		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



Grand Canyon National Park

ROUTE 0904BZ: EL TOVAR/VERKAMPS PARKING B

Subcomponent of Route GRCA-0904ZZ

Manual Rating

FROM ROUTE 0905 (KACHINA LODGE PARKING)

TO PARKING

Inspection Date	FMSS Number	User Access	Surface Type
5/16/2016	58288	PUBLIC	ASPHALT
Area (Sq. Ft.)	Lane Miles (11' Widths)	Curb Reveal (Inches)	Curb Recommendation
9,856	0.17	5	DO NOTHING
Curb Type		Curb & Gutter Type	
STONE		NO CURB AND GUTTER	
Pavement Recommendation		Condition Rating / PCR	
PREVENTIVE MAINTENANCE		GOOD / 90	

Route Condition Legend – Pavement Condition Rating (PCR)

Poor (0 - 60)

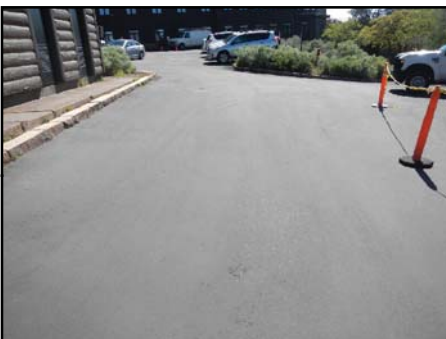
Fair (61- 84)

Good (85 - 94)

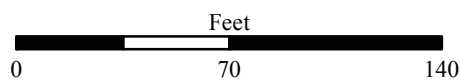
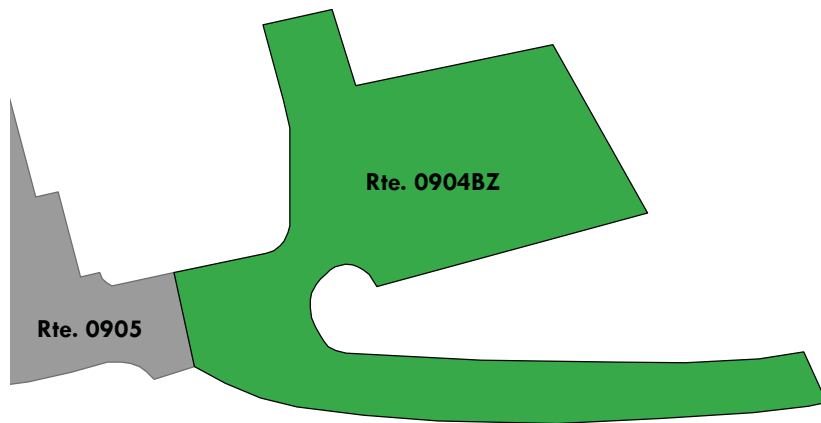
Excellent (95 - 100)

Not Rated

See Appendix for definitions and formulas



Parking area consists of multiple surface types; 1 part asphalt at 9,357 square feet and 1 part concrete at 499 square feet.



Grand Canyon National Park

ROUTE 0904CZ: EL TOVAR/VERKAMPS PARKING C

Subcomponent of Route GRCA-0904ZZ
Manual Rating

FROM ROUTE 0904AZ (EL TOVAR/VERKAMPS PARKING A) AND
 ROUTE 0904DZ (EL TOVAR/VERKAMPS PARKING D)

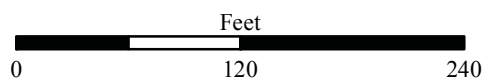
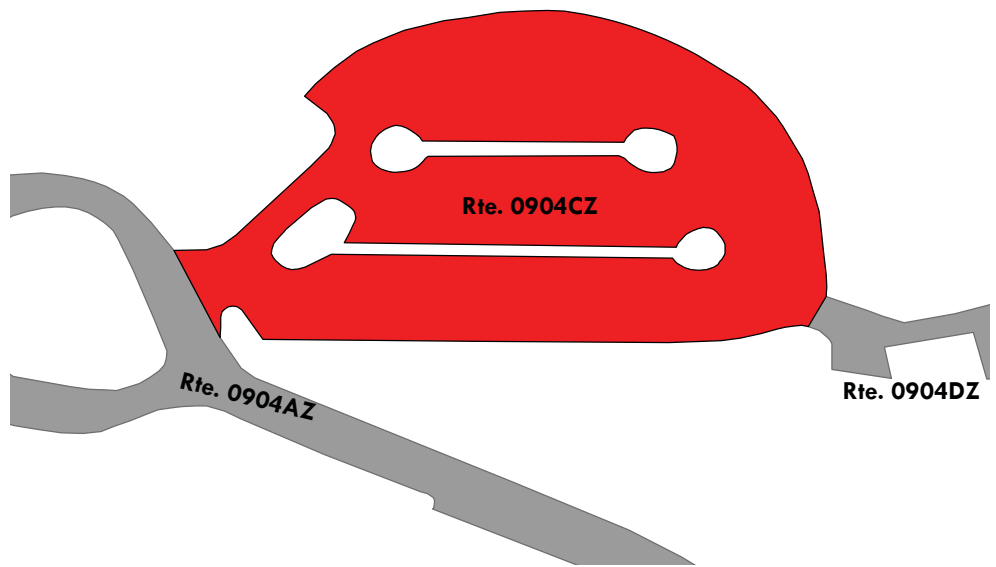
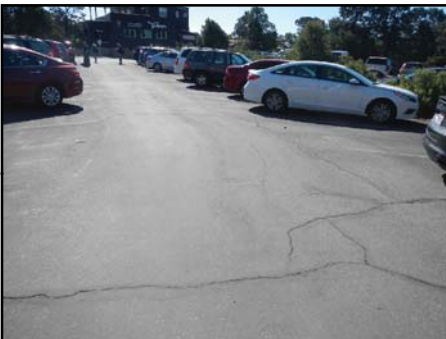
TO PARKING

Inspection Date	FMSS Number	User Access	Surface Type
5/16/2016	58288	PUBLIC	ASPHALT
Area (Sq. Ft.)	Lane Miles (11' Widths)	Curb Reveal (Inches)	Curb Recommendation
33,529	0.577	4	LIGHT REPAIR
Curb Type		Curb & Gutter Type	
STONE		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



Grand Canyon National Park

ROUTE 0904DZ: EL TOVAR/VERKAMPS PARKING D

Subcomponent of Route GRCA-0904ZZ
Manual Rating

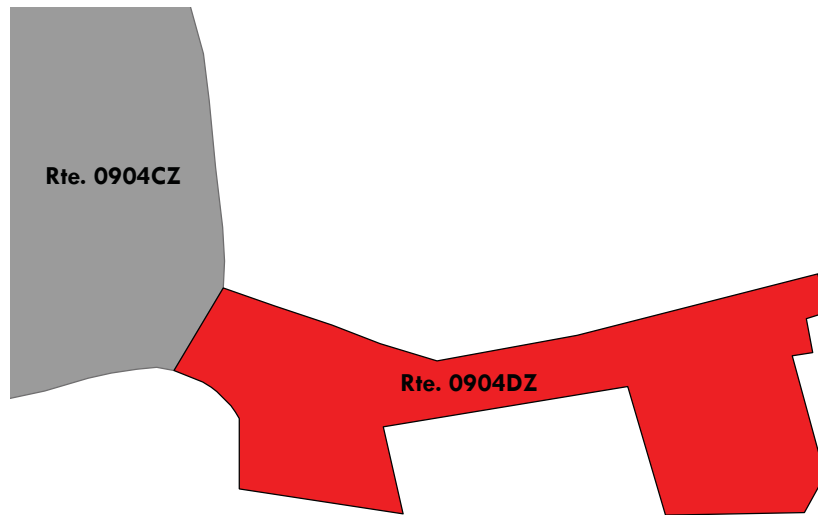
FROM ROUTE 0904CZ (EL TOVAR/VERKAMPS PARKING C)
 TO PARKING

Inspection Date	FMSS Number	User Access	Surface Type
5/16/2016	58288	PUBLIC	ASPHALT
Area (Sq. Ft.)	Lane Miles (11' Widths)	Curb Reveal (Inches)	Curb Recommendation
2,572	0.044	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



Grand Canyon National Park

ROUTE 0905: KACHINA LODGE PARKING

Manual Rating

FROM ROUTE 0906 (THUNDERBIRD LODGE PARKING)

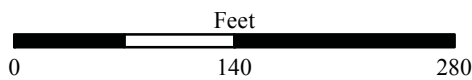
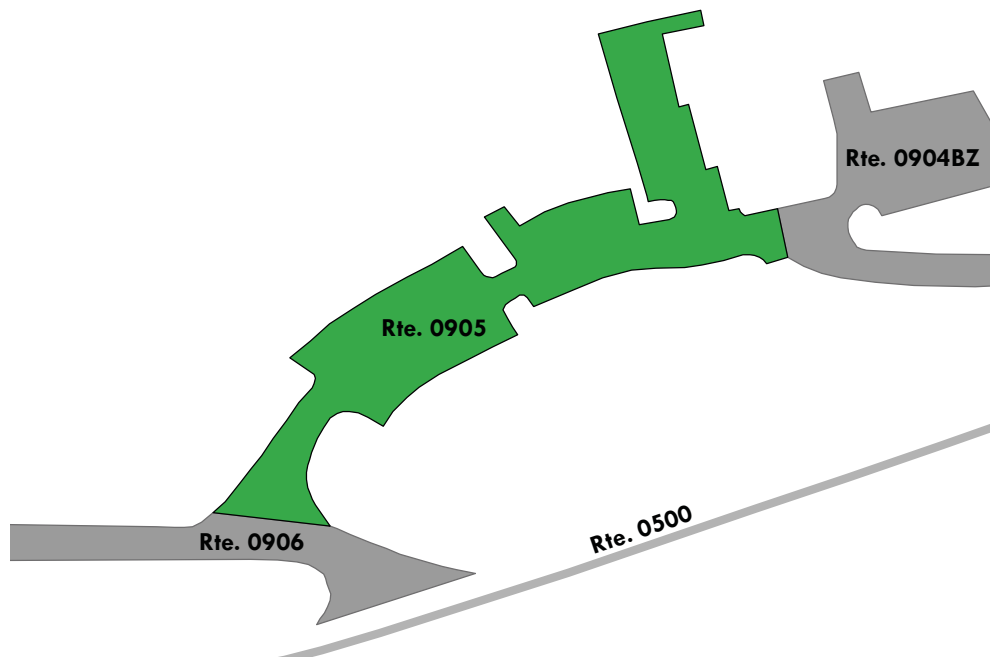
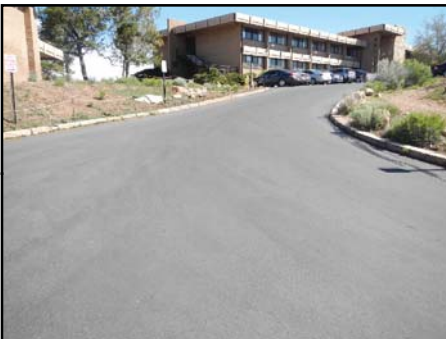
TO ROUTE 0904ZZ (EL TOVAR / VERKAMPS PARKING AREAS)

Inspection Date	FMSS Number	User Access	Surface Type
5/16/2016	58289	PUBLIC	ASPHALT
Area (Sq. Ft.)	Lane Miles (11' Widths)	Curb Reveal (Inches)	Curb Recommendation
19,368	0.333	4	DO NOTHING
Curb Type		Curb & Gutter Type	
STONE		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



Grand Canyon National Park

ROUTE 0906: THUNDERBIRD LODGE PARKING

Manual Rating

FROM ROUTE 0500 (VILLAGE LOOP DRIVE) AT MP 0.18

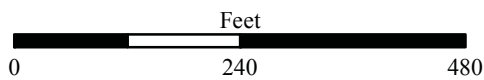
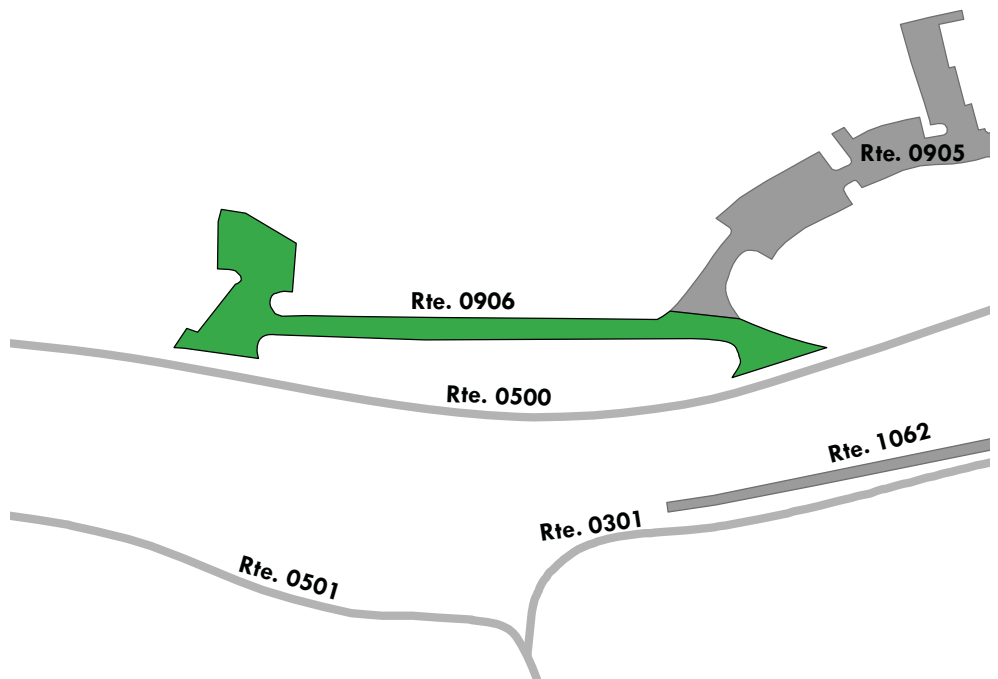
TO ROUTE 0500 (VILLAGE LOOP DRIVE) AT MP 0.28

Inspection Date	FMSS Number	User Access	Surface Type
5/16/2016	58291	PUBLIC	ASPHALT
Area (Sq. Ft.)	Lane Miles (11' Widths)	Curb Reveal (Inches)	Curb Recommendation
19,785	0.341	6	DO NOTHING
Curb Type		Curb & Gutter Type	
STONE		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



Grand Canyon National Park

ROUTE 0907: BRIGHT ANGEL LODGE PARKING

Manual Rating

FROM ROUTE 0500 (VILLAGE LOOP DRIVE)
TO ROUTE 0436ZZ (BRIGHT ANGEL LOOP ROADS)

Inspection Date	FMSS Number	User Access	Surface Type
5/16/2016	58292	PUBLIC	ASPHALT
Area (Sq. Ft.)	Lane Miles (11' Widths)	Curb Reveal (Inches)	Curb Recommendation
28,404	0.489	4	DO NOTHING
Curb Type		Curb & Gutter Type	
STONE		NO CURB AND GUTTER	
Pavement Recommendation		Condition Rating / PCR	
PREVENTIVE MAINTENANCE		GOOD / 90	

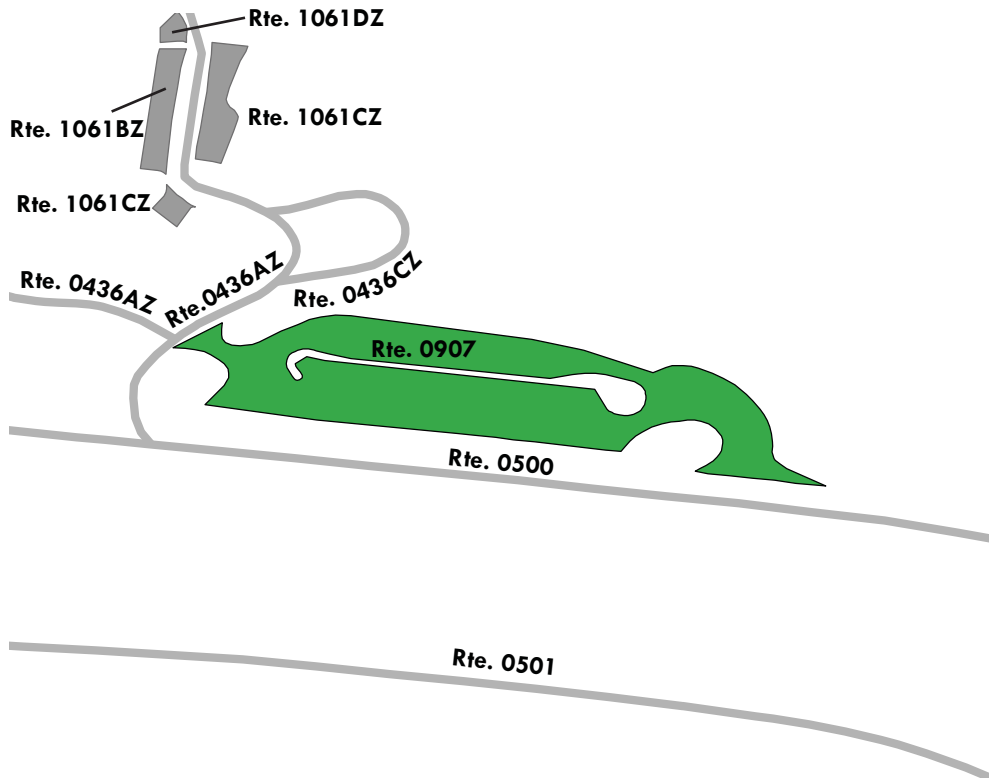
Route Condition Legend – Pavement Condition Rating (PCR)

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



Parking area consists of multiple surface types; 1 part asphalt at 23,536 square feet and 3 parts concrete at 4,868 square feet.



Grand Canyon National Park

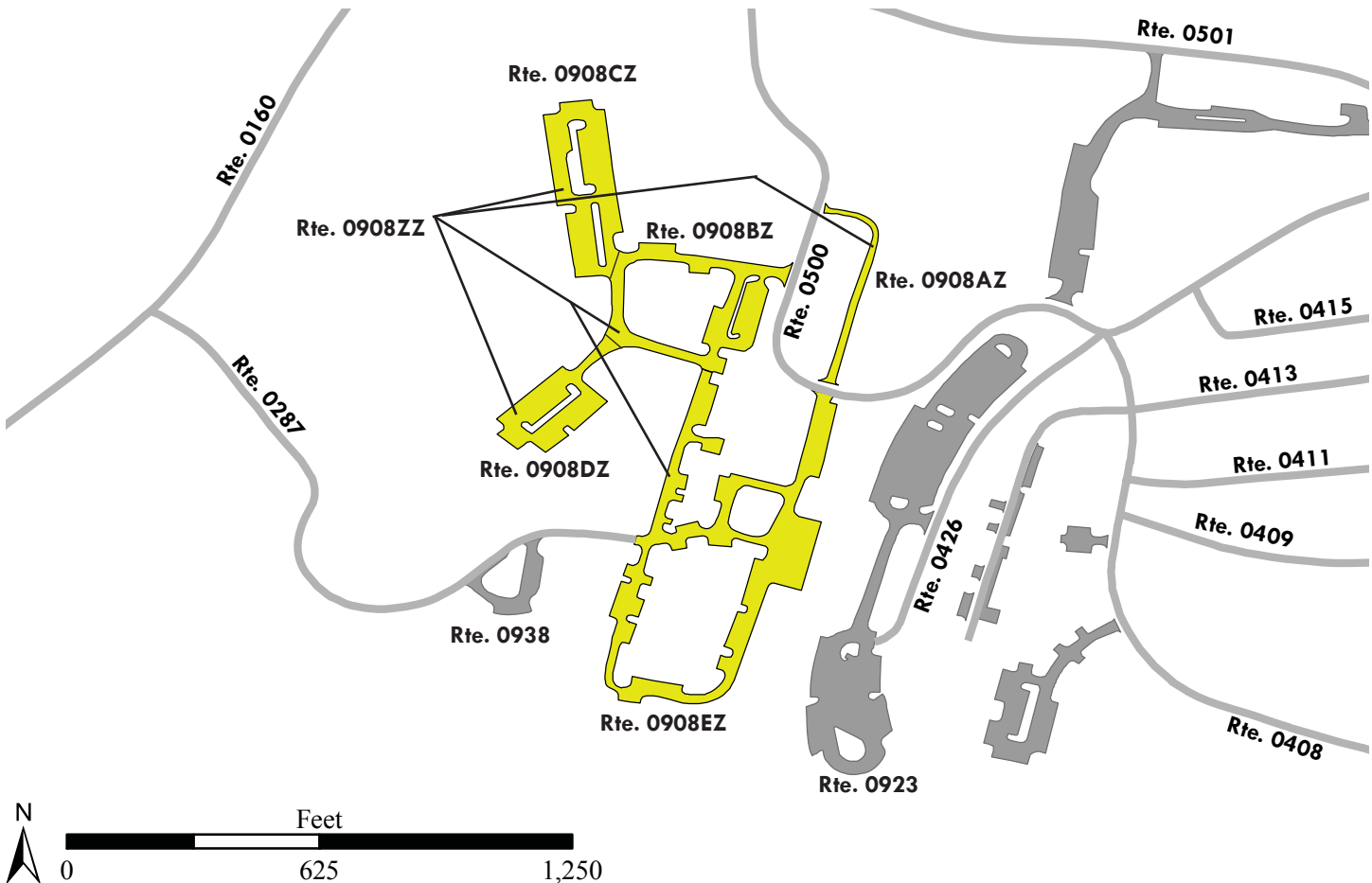
ROUTE 0908ZZ: MASWICK STANDARD PARKING AREAS

Summary Route
Manual Rating

FROM ROUTE 0500 (VILLAGE LOOP DRIVE) ON LEFT AND RIGHT
TO PARKING

Inspection Date	FMSS Number	User Access	Surface Type
5/16/2016	58293	PUBLIC	ASPHALT
Area (Sq. Ft.)	Lane Miles (11' Widths)	Condition Rating / PCR	
194,394	3.347	SUMMARY / 71	
Route Condition Legend – 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.



Grand Canyon National Park

ROUTE 0908AZ: MASWICK STANDARD PARKING A

Subcomponent of Route GRCA-0908ZZ
Manual Rating

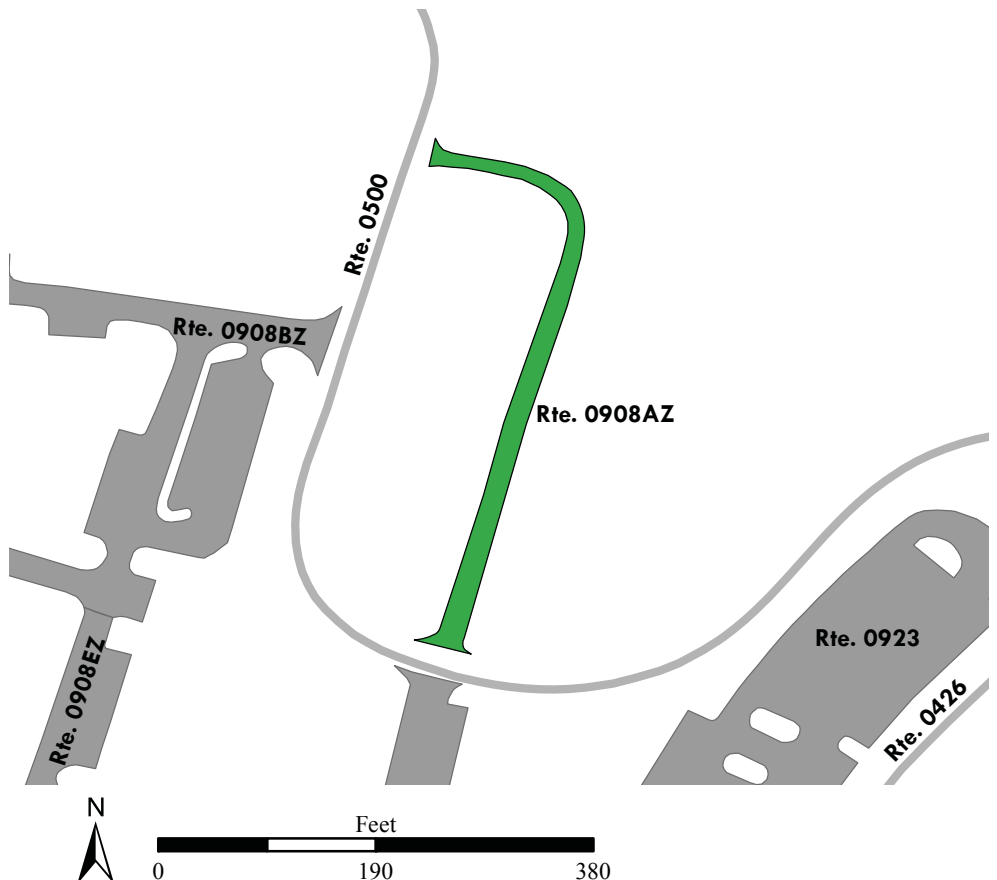
FROM ROUTE 0500 (VILLAGE LOOP DRIVE) AT MP 0.67 ON LEFT
 TO ROUTE 0500 (VILLAGE LOOP DRIVE) AT MP 0.76

Inspection Date	FMSS Number	User Access	Surface Type
5/16/2016	58293	PUBLIC	ASPHALT
Area (Sq. Ft.)	Lane Miles (11' Widths)	Curb Reveal (Inches)	Curb Recommendation
7,571	0.13	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



Grand Canyon National Park

ROUTE 0908BZ: MASWICK STANDARD PARKING B

Subcomponent of Route GRCA-0908ZZ
Manual Rating

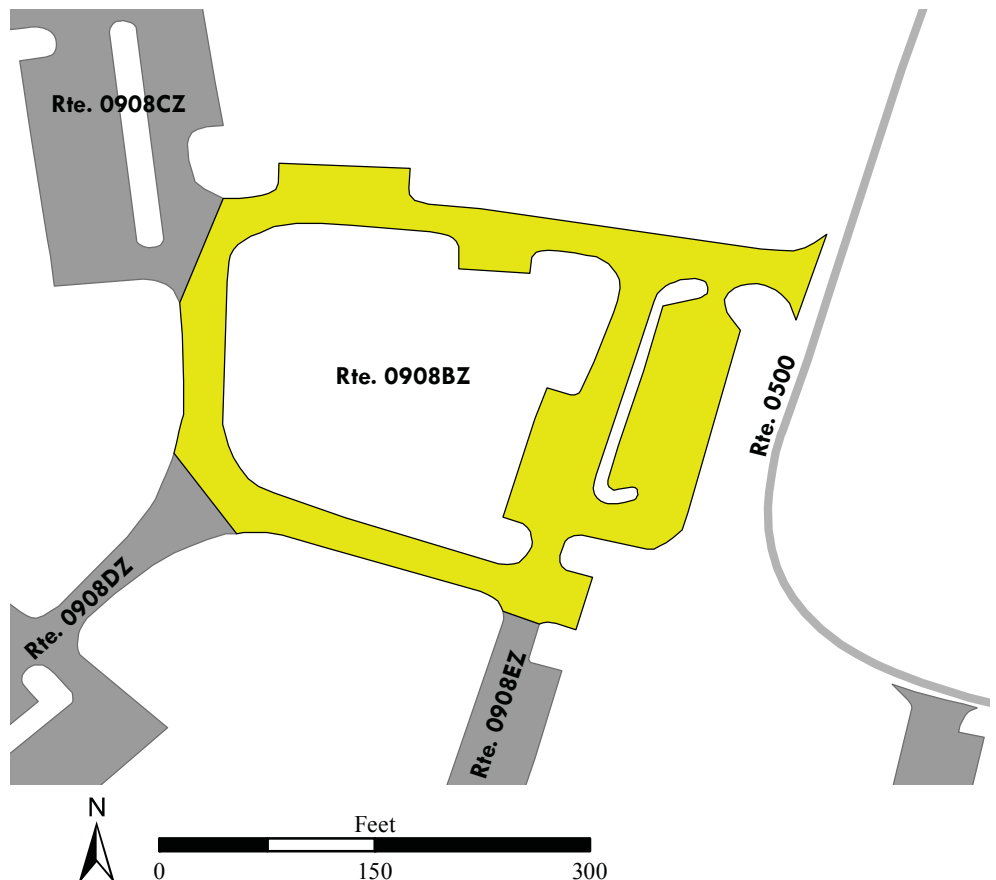
FROM ROUTE 0500 (VILLAGE LOOP DRIVE) AT MP 0.70 ON RIGHT
 TO ROUTE 0908ZZ (MASWICK STANDARD PARKING AREAS)

Inspection Date	FMSS Number	User Access	Surface Type
5/16/2016	58293	PUBLIC	ASPHALT
Area (Sq. Ft.)	Lane Miles (11' Widths)	Curb Reveal (Inches)	Curb Recommendation
35,903	0.618	4	DO NOTHING
Curb Type		Curb & Gutter Type	
CONCRETE AND STONE		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



Grand Canyon National Park

ROUTE 0908CZ: MASWICK STANDARD PARKING C

Subcomponent of Route GRCA-0908ZZ
Manual Rating

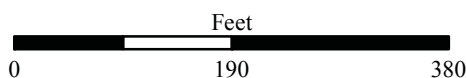
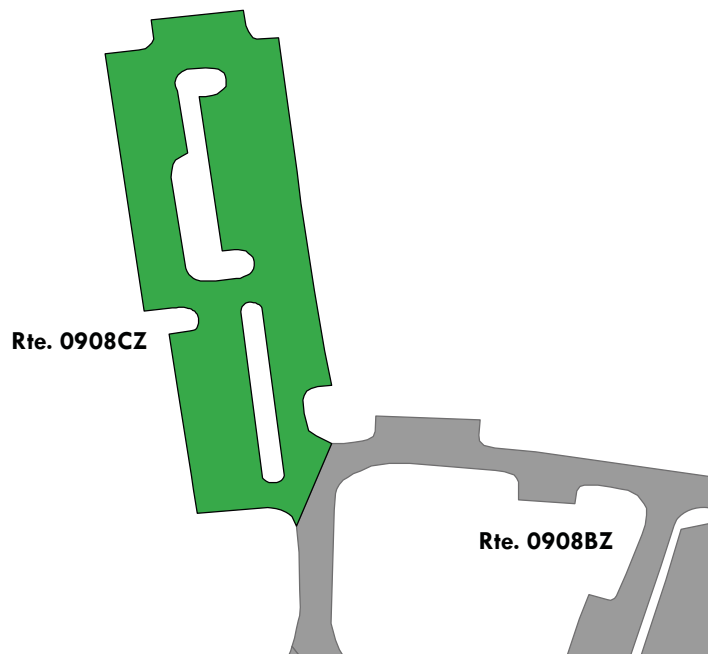
FROM ROUTE 0908BZ (MASWICK STANDARD PARKING B)
 TO PARKING

Inspection Date	FMSS Number	User Access	Surface Type
5/16/2016	58293	PUBLIC	ASPHALT
Area (Sq. Ft.)	Lane Miles (11' Widths)	Curb Reveal (Inches)	Curb Recommendation
39,532	0.681	NOT APPLICABLE	LIGHT REPAIR
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



Grand Canyon National Park

ROUTE 0908DZ: MASWICK STANDARD PARKING D

Subcomponent of Route GRCA-0908ZZ
Manual Rating

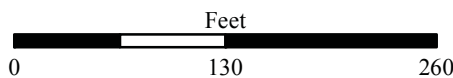
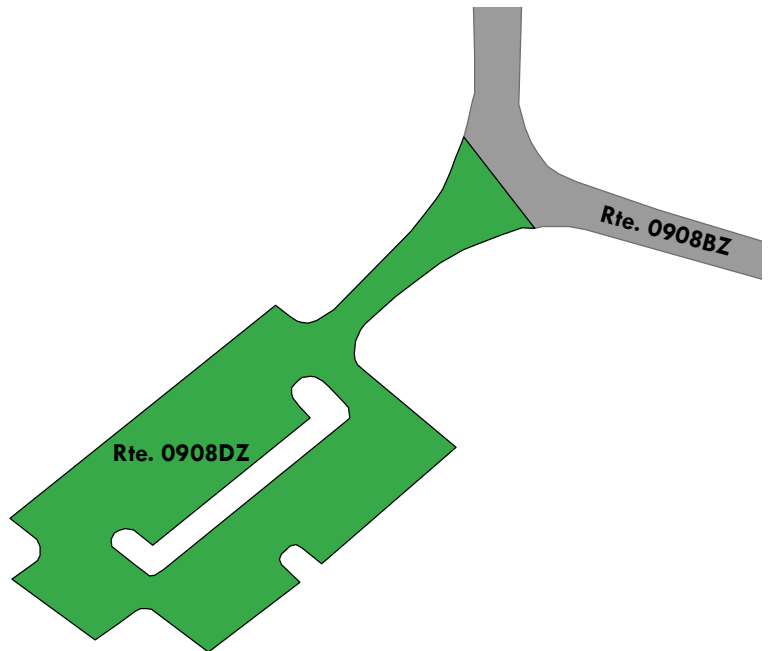
FROM ROUTE 0908BZ (MASWICK STANDARD PARKING B)
TO PARKING

Inspection Date	FMSS Number	User Access	Surface Type
5/16/2016	58293	PUBLIC	ASPHALT
Area (Sq. Ft.)	Lane Miles (11' Widths)	Curb Reveal (Inches)	Curb Recommendation
25,853	0.445	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



Grand Canyon National Park

ROUTE 0908EZ: MASWICK STANDARD PARKING E

Subcomponent of Route GRCA-0908ZZ
Manual Rating

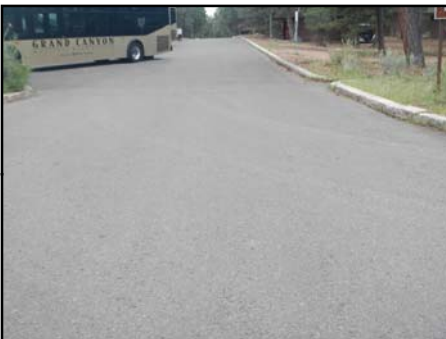
FROM ROUTE 0500 (VILLAGE LOOP DRIVE) AT MP 0.76 ON RIGHT
 TO ROUTE 0908ZZ (MASWICK STANDARD PARKING AREAS)

Inspection Date	FMSS Number	User Access	Surface Type
5/16/2016	58293	PUBLIC	ASPHALT
Area (Sq. Ft.)	Lane Miles (11' Widths)	Curb Reveal (Inches)	Curb Recommendation
85,535	1.473	4	DO NOTHING
Curb Type		Curb & Gutter Type	
CONCRETE AND STONE		CONCRETE	
Pavement Recommendation		Condition Rating / PCR	
HEAVY 3R TREATMENTS		POOR / 53	

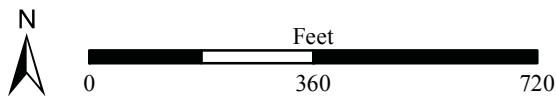
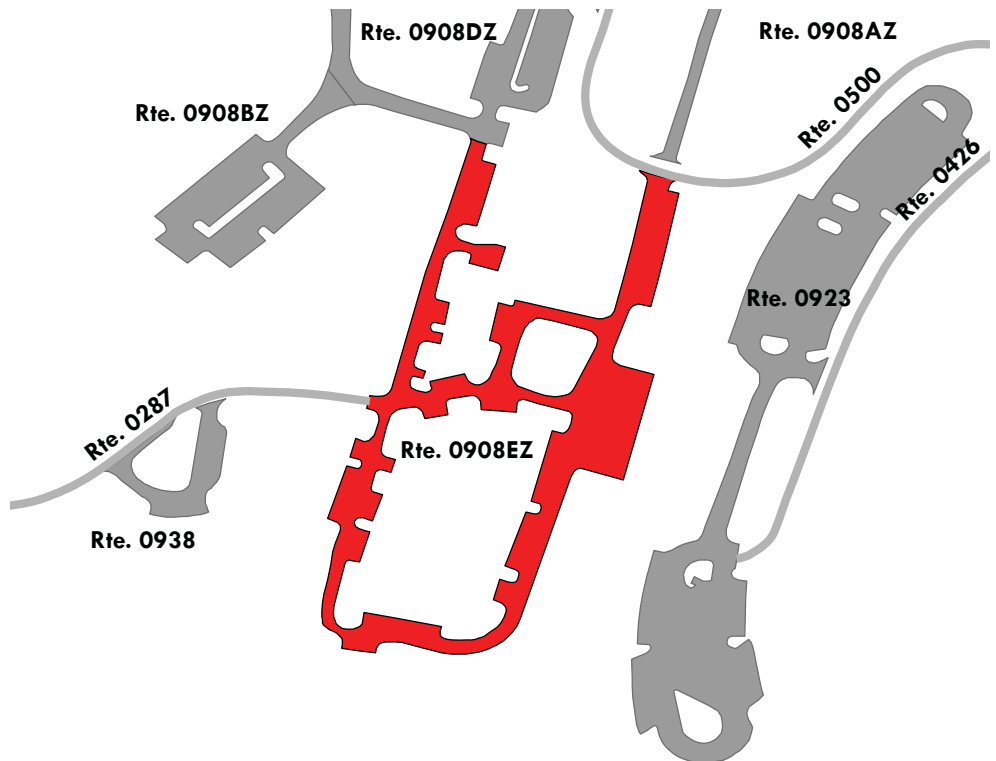
Route Condition Legend – Pavement Condition Rating (PCR)

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



Parking area consists of multiple surface types; 1 part asphalt at 84,078 square feet and 1 part concrete at 1,457 square feet.



Grand Canyon National Park

ROUTE 0909: SERVICE PARKING AREA

Manual Rating

FROM ROUTE 0500 (VILLAGE LOOP DRIVE)

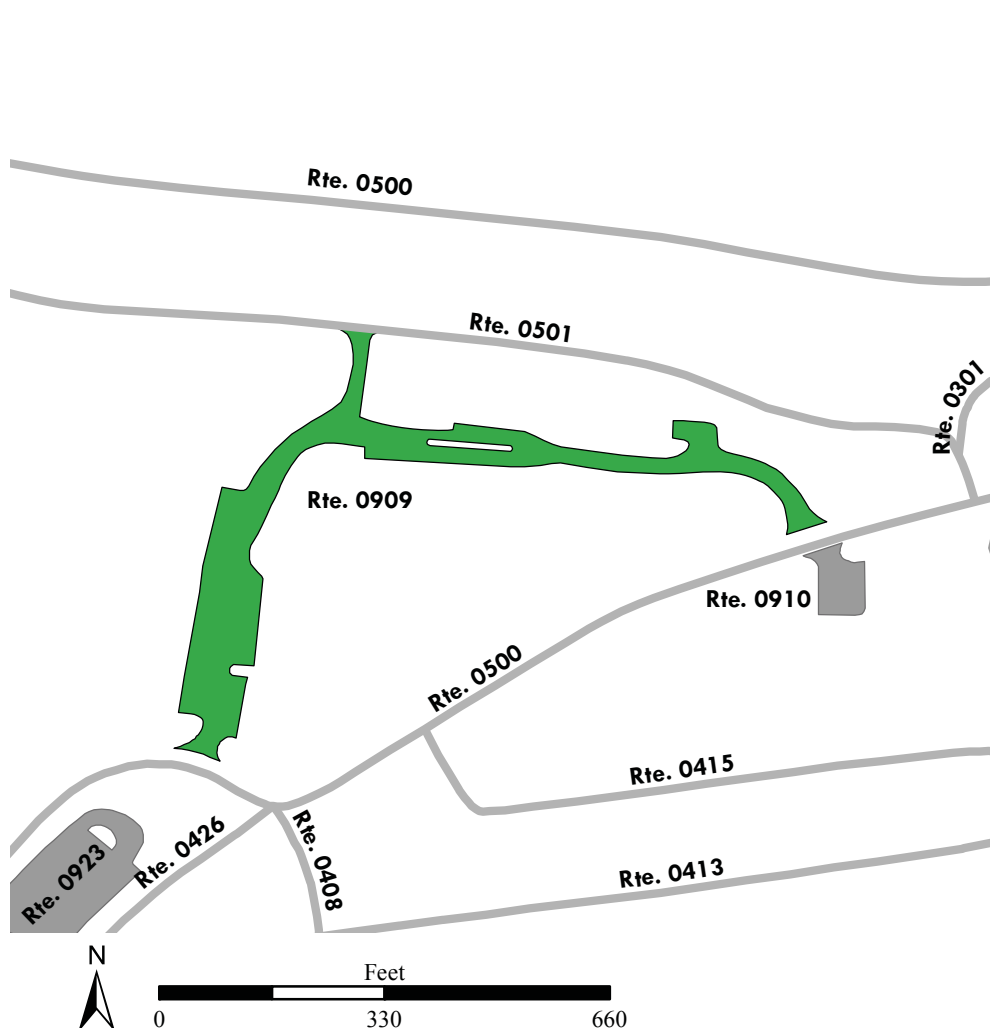
TO ROUTE 0501 (VILLAGE LOOP BYPASS)

Inspection Date	FMSS Number	User Access	Surface Type
5/16/2016	58297	PUBLIC	ASPHALT
Area (Sq. Ft.)	Lane Miles (11' Widths)	Curb Reveal (Inches)	Curb Recommendation
55,245	0.951	4	DO NOTHING
Curb Type		Curb & Gutter Type	
STONE		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



Grand Canyon National Park

ROUTE 0910: HUMAN RESOURCES PARKING

Manual Rating

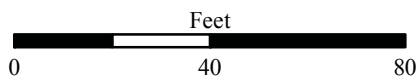
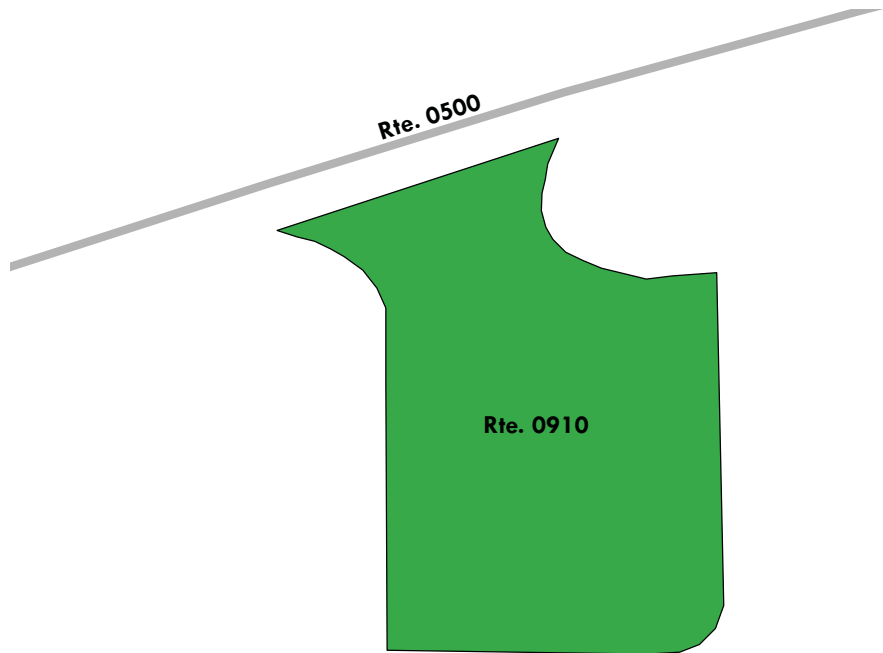
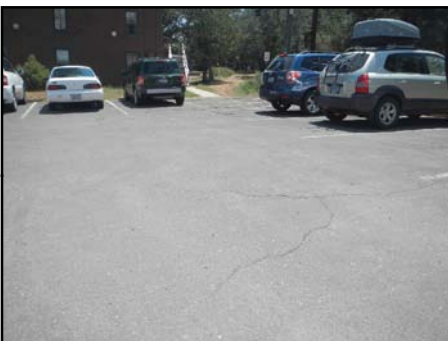
FROM ROUTE 0500 (VILLAGE LOOP DRIVE) AT MP 1.03 ON RIGHT
TO PARKING

Inspection Date	FMSS Number	User Access	Surface Type
5/16/2016	58340	PUBLIC	ASPHALT
Area (Sq. Ft.)	Lane Miles (11' Widths)	Curb Reveal (Inches)	Curb Recommendation
5,022	0.086	4	DO NOTHING
Curb Type		Curb & Gutter Type	
STONE		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



Grand Canyon National Park

ROUTE 0911: TRAILVIEW PARKING SEC 2

Manual Rating

ADJACENT TO ROUTE 0015 (HERMIT REST ROAD) AT MP 1.11

Inspection Date	FMSS Number	User Access	Surface Type
5/17/2016	58343	PUBLIC	ASPHALT
Area (Sq. Ft.)	Lane Miles (11' Widths)	Curb Reveal (Inches)	Curb Recommendation
4,233	0.073	4	DO NOTHING
Curb Type		Curb & Gutter Type	
STONE		NO CURB AND GUTTER	
Pavement Recommendation		Condition Rating / PCR	
PREVENTIVE MAINTENANCE		GOOD / 90	

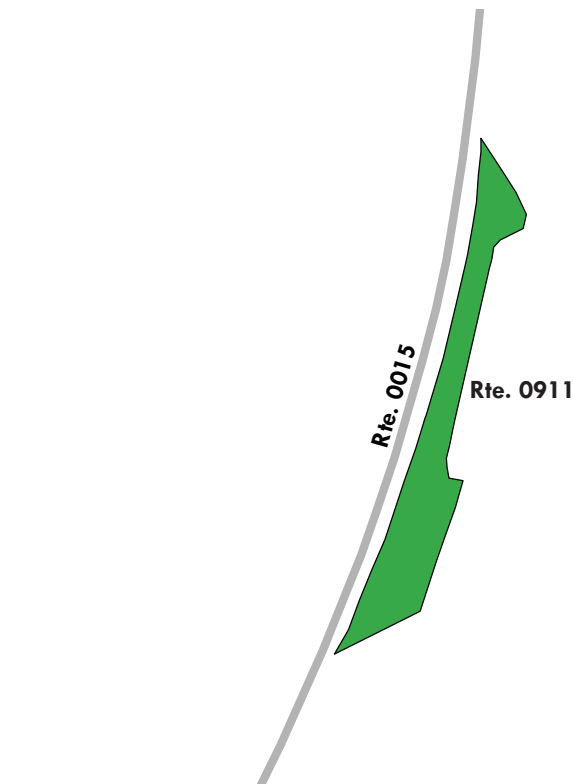
Route Condition Legend – Pavement Condition Rating (PCR)

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; 2 parts asphalt at 3,359 square feet and 1 part concrete at 874 square feet.



Grand Canyon National Park

ROUTE 0912: GRAND CANYON VISTA PARKING

Manual Rating

FROM ROUTE 0015 (HERMIT REST ROAD) AT MP 1.43 ON RIGHT

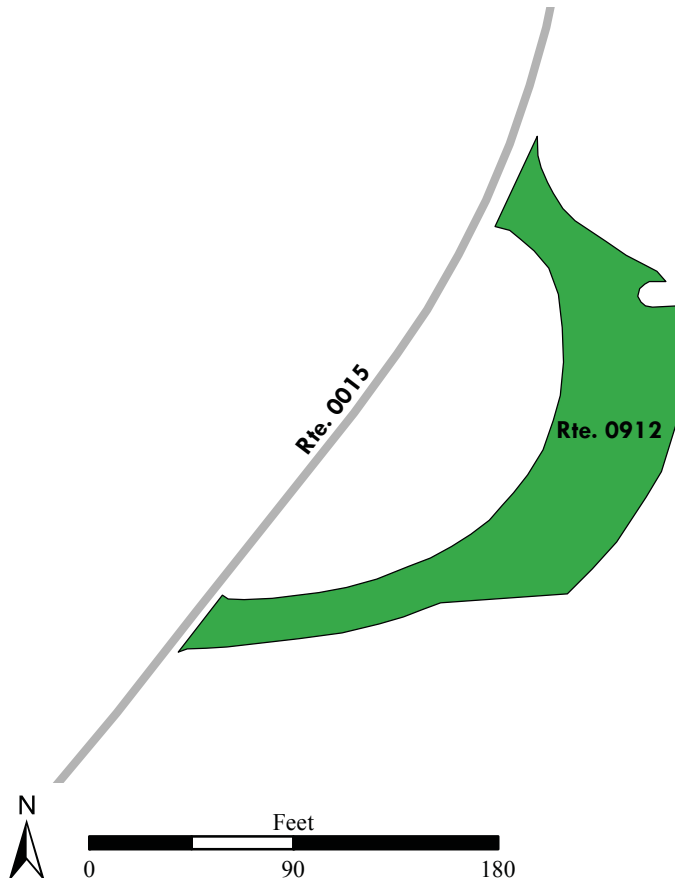
TO ROUTE 0015 (HERMIT REST ROAD) AT MP 1.47 ON RIGHT

Inspection Date	FMSS Number	User Access	Surface Type
5/17/2016	58348	PUBLIC	ASPHALT
Area (Sq. Ft.)	Lane Miles (11' Widths)	Curb Reveal (Inches)	Curb Recommendation
9,358	0.161	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



Grand Canyon National Park

ROUTE 0913: MARICOPA POINT PARKING

Manual Rating

ADJACENT TO ROUTE 0015 (HERMIT REST ROAD) AT MP 1.78

Inspection Date	FMSS Number	User Access	Surface Type
5/17/2016	58350	PUBLIC	ASPHALT
Area (Sq. Ft.)	Lane Miles (11' Widths)	Curb Reveal (Inches)	Curb Recommendation
4,326	0.074	4	DO NOTHING
Curb Type		Curb & Gutter Type	
STONE		NO CURB AND GUTTER	
Pavement Recommendation		Condition Rating / PCR	
PREVENTIVE MAINTENANCE		GOOD / 90	

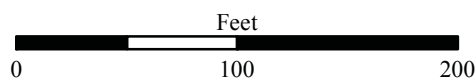
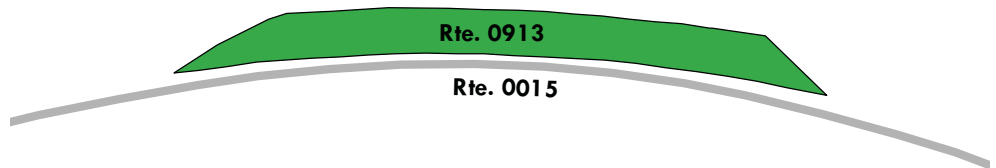
Route Condition Legend – Pavement Condition Rating (PCR)

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 2,866 square feet and 1 part concrete at 1,460 square feet.



Grand Canyon National Park

ROUTE 0914: POWELL MEMORIAL PARKING

Manual Rating

ADJACENT TO ROUTE 0169 (POWELL MEMORIAL ROAD)

Inspection Date	FMSS Number	User Access	Surface Type
5/17/2016	58356	PUBLIC	ASPHALT
Area (Sq. Ft.)	Lane Miles (11' Widths)	Curb Reveal (Inches)	Curb Recommendation
3,415	0.059	4	DO NOTHING
Curb Type		Curb & Gutter Type	
STONE		NO CURB AND GUTTER	
Pavement Recommendation		Condition Rating / PCR	
PREVENTIVE MAINTENANCE		GOOD / 90	

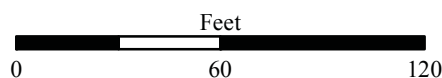
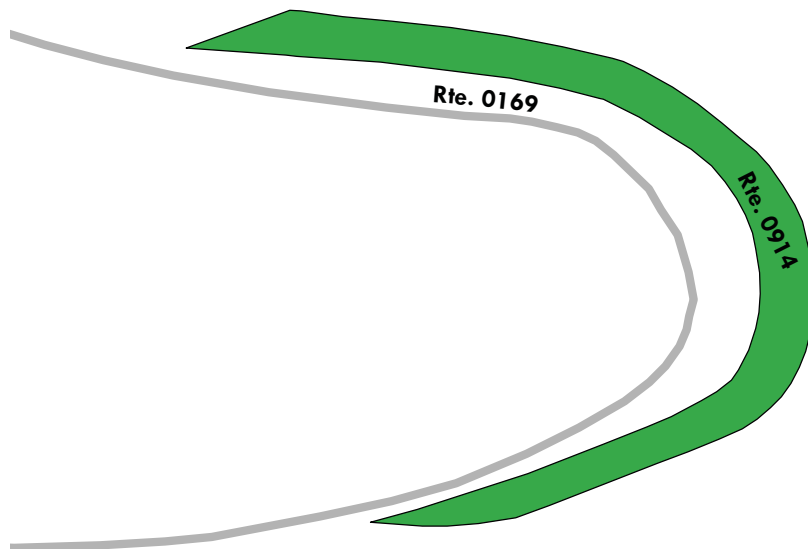
Route Condition Legend – Pavement Condition Rating (PCR)

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



Parking area consists of multiple surface types; 3 parts asphalt at 1,755 square feet and 2 parts concrete at 1,660 square feet.



Grand Canyon National Park

ROUTE 0915: HOPI POINT PARKING

Manual Rating

FROM ROUTE 0015 (HERMIT REST ROAD) AT MP 2.35 ON RIGHT

TO ROUTE 0015 (HERMIT REST ROAD) AT MP 2.37 ON RIGHT

Inspection Date	FMSS Number	User Access	Surface Type
5/17/2016	58358	PUBLIC	ASPHALT
Area (Sq. Ft.)	Lane Miles (11' Widths)	Curb Reveal (Inches)	Curb Recommendation
19,031	0.328	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)

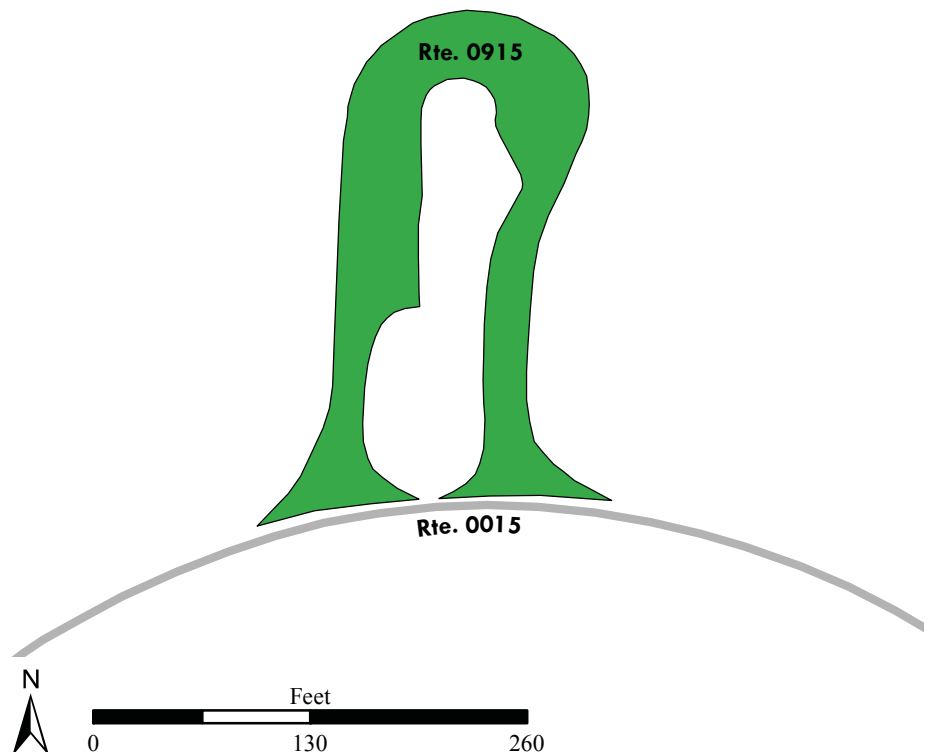
Fair (61- 84)

Good (85 - 94)

Excellent (95 - 100)

Not Rated

See Appendix for definitions and formulas



Grand Canyon National Park

ROUTE 0916: HOPI POINT II PARKING

Manual Rating

FROM ROUTE 0015 (HERMIT REST ROAD) AT MP 2.40 ON RIGHT

TO ROUTE 0015 (HERMIT REST ROAD) AT MP 2.42 ON RIGHT

Inspection Date	FMSS Number	User Access	Surface Type
5/17/2016	58360	PUBLIC	ASPHALT
Area (Sq. Ft.)	Lane Miles (11' Widths)	Curb Reveal (Inches)	Curb Recommendation
4,194	0.072	4	DO NOTHING
Curb Type		Curb & Gutter Type	
STONE		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)

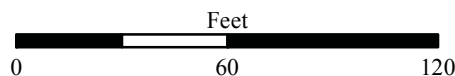
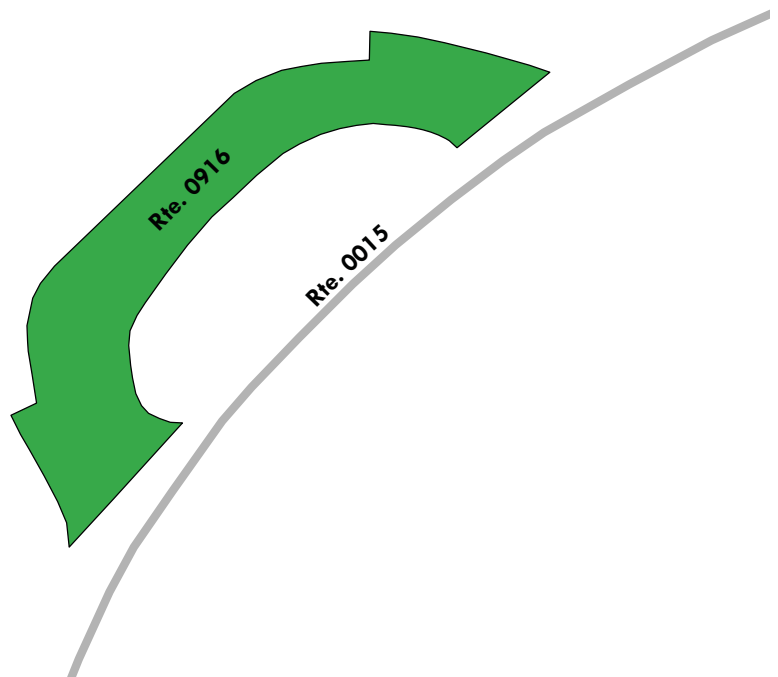
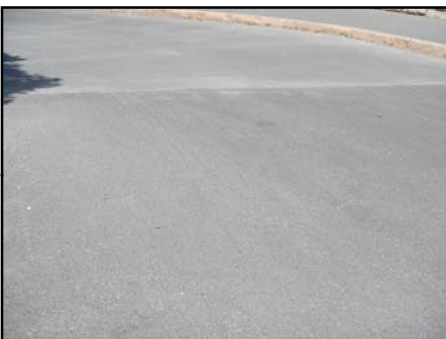
Excellent (95 - 100)

Not Rated

See Appendix for definitions and formulas



Parking area consists of multiple surface types; 1 part asphalt at 3,135 square feet and 1 part concrete at 1,059 square feet.



Grand Canyon National Park

ROUTE 0917ZZ: MOHAVE POINT PARKING AREAS

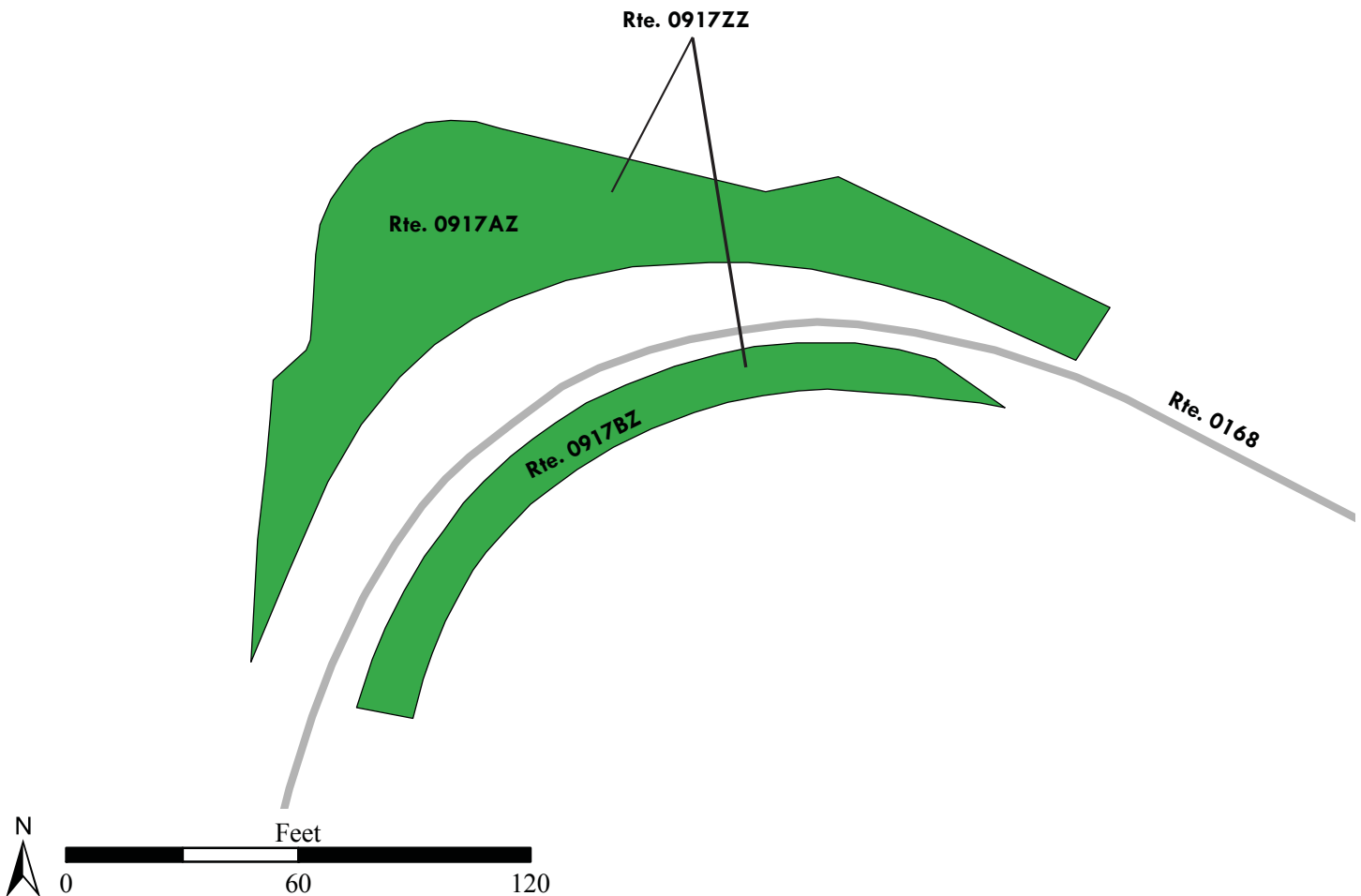
Summary Route
Manual Rating

ADJACENT TO ROUTE 0168 (MOHAVE POINT ROAD) AT MP 0.12 ON LEFT AND RIGHT

Inspection Date	FMSS Number	User Access	Surface Type
5/17/2016	58362	PUBLIC	ASPHALT
Area (Sq. Ft.)	Lane Miles (11' Widths)	Condition Rating / PCR	
7,990	0.137	SUMMARY / 90	

Route Condition Legend – Pavement Condition Rating (PCR)				
Poor (0 - 60)	Fair (61- 84)	Good (85 - 94)	Excellent (95 - 100)	Not Rated
See Appendix for definitions and formulas				

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



Grand Canyon National Park

ROUTE 0917AZ: MOHAVE POINT PARKING AREA A

Subcomponent of Route GRCA-0917ZZ
Manual Rating

ADJACENT TO ROUTE 0168 (MOHAVE POINT ROAD) AT MP 0.12 ON RIGHT

Inspection Date	FMSS Number	User Access	Surface Type
5/17/2016	58362	PUBLIC	ASPHALT
Area (Sq. Ft.)	Lane Miles (11' Widths)	Curb Reveal (Inches)	Curb Recommendation
5,998	0.103	5	DO NOTHING
Curb Type		Curb & Gutter Type	
STONE		NO CURB AND GUTTER	
Pavement Recommendation		Condition Rating / PCR	
PREVENTIVE MAINTENANCE		GOOD / 90	

Route Condition Legend – Pavement Condition Rating (PCR)

Poor (0 - 60)

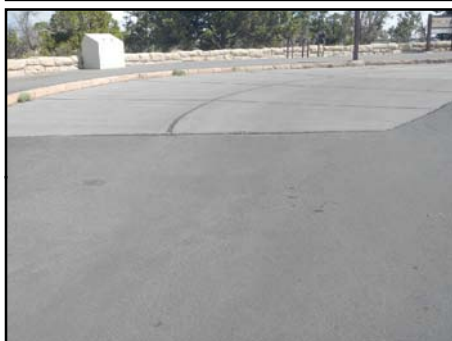
Fair (61- 84)

Good (85 - 94)

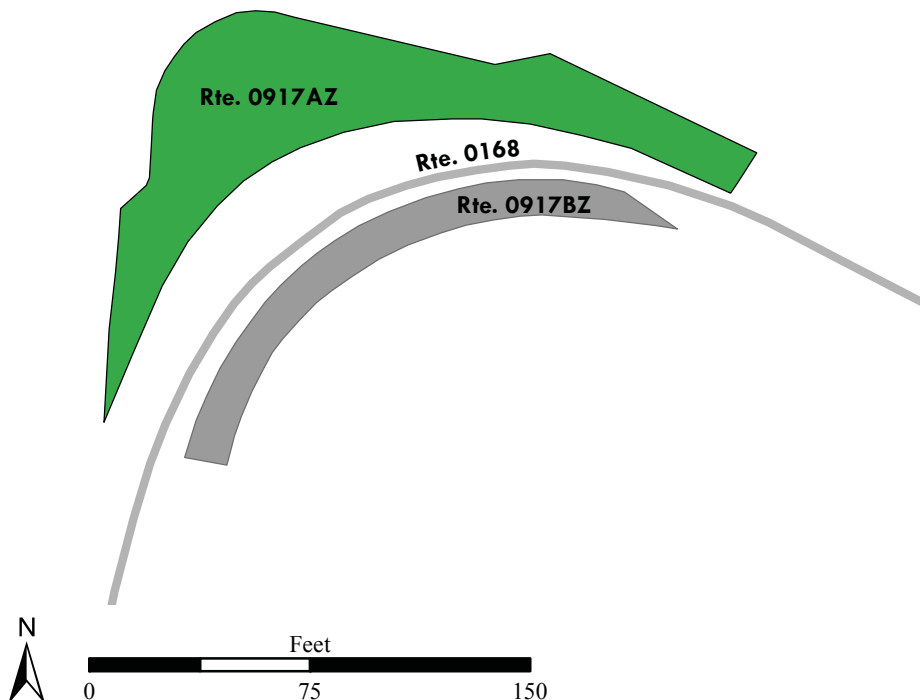
Excellent (95 - 100)

Not Rated

See Appendix for definitions and formulas



Parking area consists of multiple surface types; 1 part asphalt at 3,048 square feet and 1 part concrete at 2,950 square feet.



Grand Canyon National Park

ROUTE 0917BZ: MOHAVE POINT PARKING AREA B

Subcomponent of Route GRCA-0917ZZ
Manual Rating

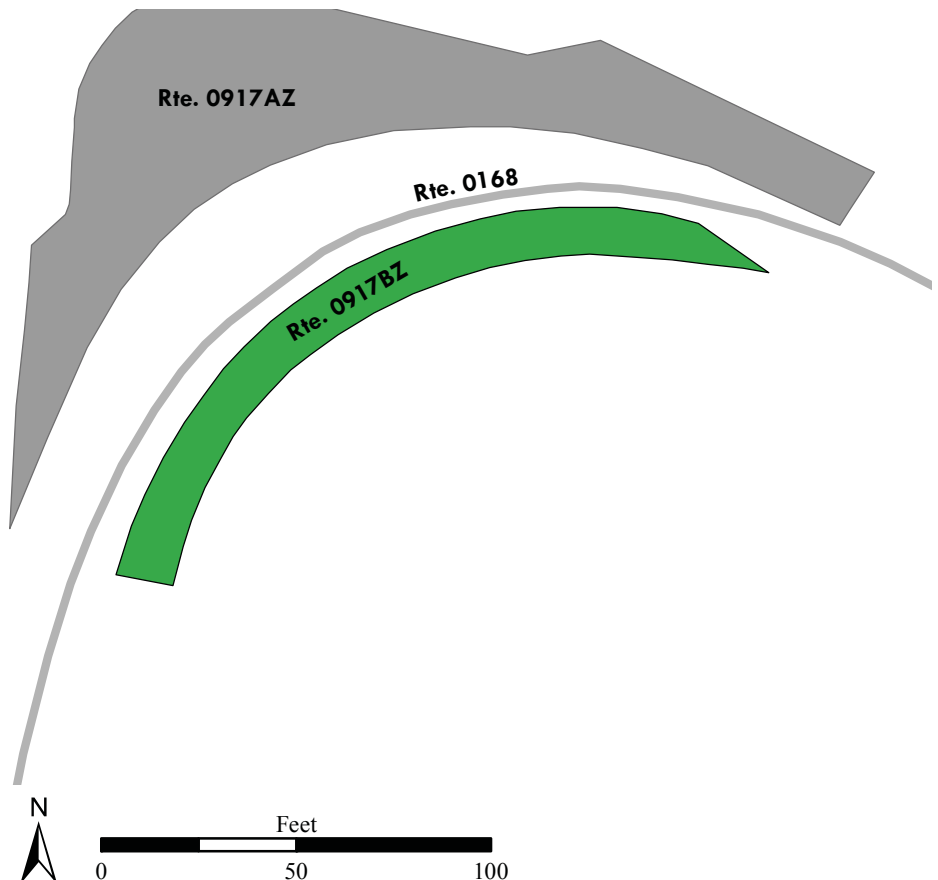
ADJACENT TO ROUTE 0168 (MOHAVE POINT ROAD) AT MP 0.12 ON LEFT

Inspection Date	FMSS Number	User Access	Surface Type
5/17/2016	58362	PUBLIC	ASPHALT
Area (Sq. Ft.)	Lane Miles (11' Widths)	Curb Reveal (Inches)	Curb Recommendation
1,992	0.034	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



Grand Canyon National Park

ROUTE 0918: ABYSS PARKING

Manual Rating

ADJACENT TO ROUTE 0015 (HERMIT REST ROAD) AT MP 4.11

Inspection Date	FMSS Number	User Access	Surface Type
5/17/2016	58363	PUBLIC	ASPHALT
Area (Sq. Ft.)	Lane Miles (11' Widths)	Curb Reveal (Inches)	Curb Recommendation
2,597	0.045	4	DO NOTHING
Curb Type		Curb & Gutter Type	
STONE		NO CURB AND GUTTER	
Pavement Recommendation		Condition Rating / PCR	
PREVENTIVE MAINTENANCE		GOOD / 90	

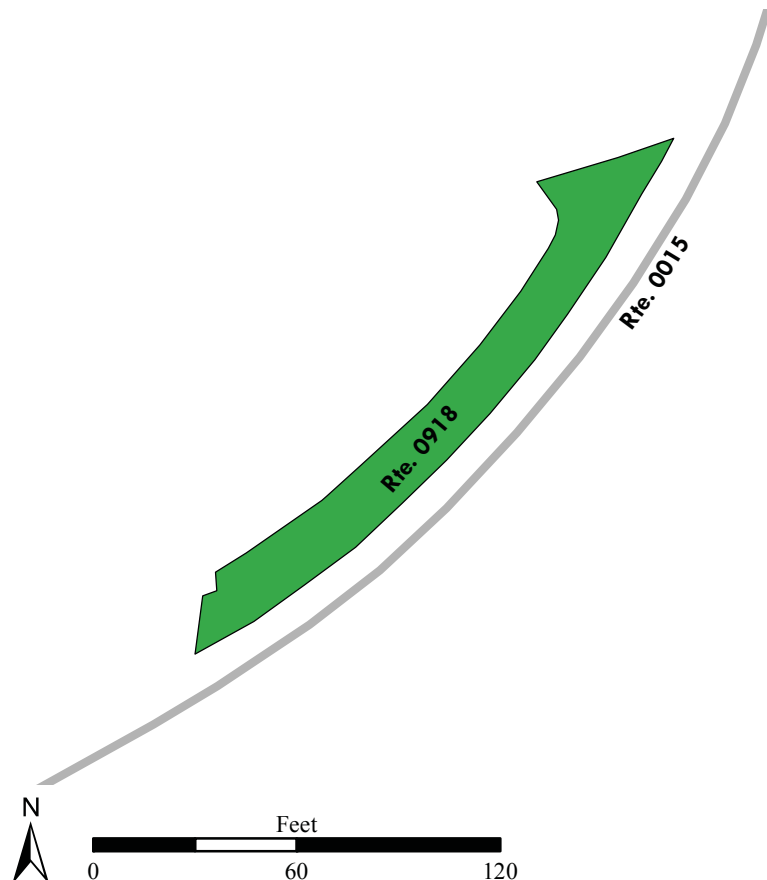
Route Condition Legend – Pavement Condition Rating (PCR)

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



Parking area consists of multiple surface types; 1 part asphalt at 1,839 square feet and 1 part concrete at 758 square feet.



Grand Canyon National Park

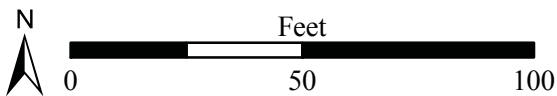
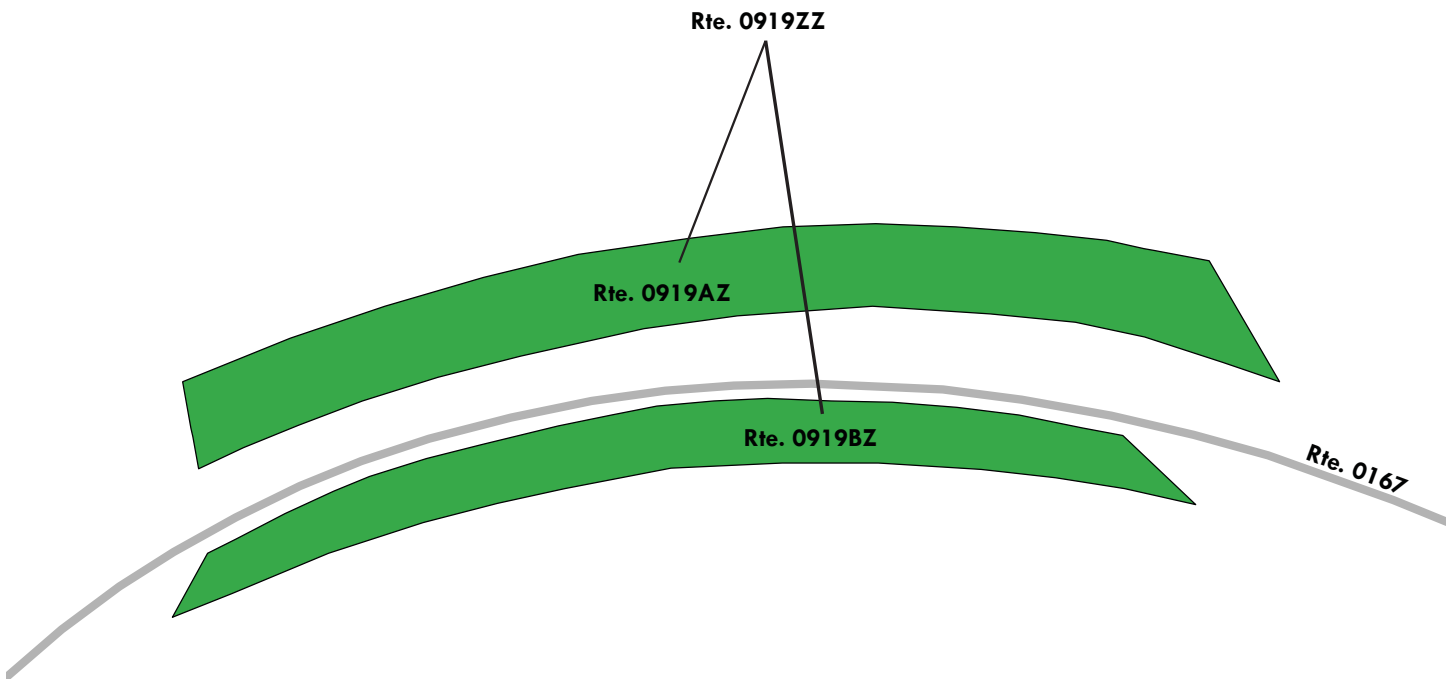
ROUTE 0919ZZ: PIMA POINT PARKING AREAS

Summary Route
Manual Rating

ADJACENT TO ROUTE 0167 (PIMA POINT ROAD)

Inspection Date	FMSS Number	User Access	Surface Type
5/17/2016	58372	PUBLIC	ASPHALT
Area (Sq. Ft.)	Lane Miles (11' Widths)	Condition Rating / PCR	
5,666	0.098	SUMMARY / 90	
Route Condition Legend – Pavement Condition Rating (PCR)			
Poor (0 - 60)	Fair (61- 84)	Good (85 - 94)	Excellent (95 - 100) Not Rated
See Appendix for definitions and formulas			

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



Grand Canyon National Park

ROUTE 0919AZ: PIMA POINT PARKING A

Subcomponent of Route GRCA-0919ZZ

Manual Rating

ADJACENT TO ROUTE 0167 (PIMA POINT ROAD)

Inspection Date	FMSS Number	User Access	Surface Type
5/17/2016	58372	PUBLIC	CONCRETE
Area (Sq. Ft.)	Lane Miles (11' Widths)	Curb Reveal (Inches)	Curb Recommendation
3,460	0.06	4	DO NOTHING
Curb Type		Curb & Gutter Type	
STONE		NO CURB AND GUTTER	
Pavement Recommendation		Condition Rating / PCR	
PREVENTIVE MAINTENANCE		GOOD / 90	

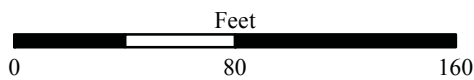
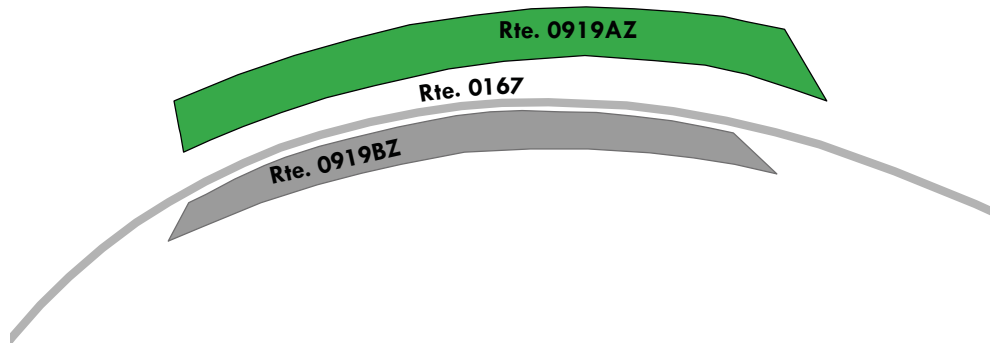
Route Condition Legend – Pavement Condition Rating (PCR)

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 1,428 square feet and 1 part concrete at 2,032 square feet.



Grand Canyon National Park

ROUTE 0919BZ: PIMA POINT PARKING B

Subcomponent of Route GRCA-0919ZZ

Manual Rating

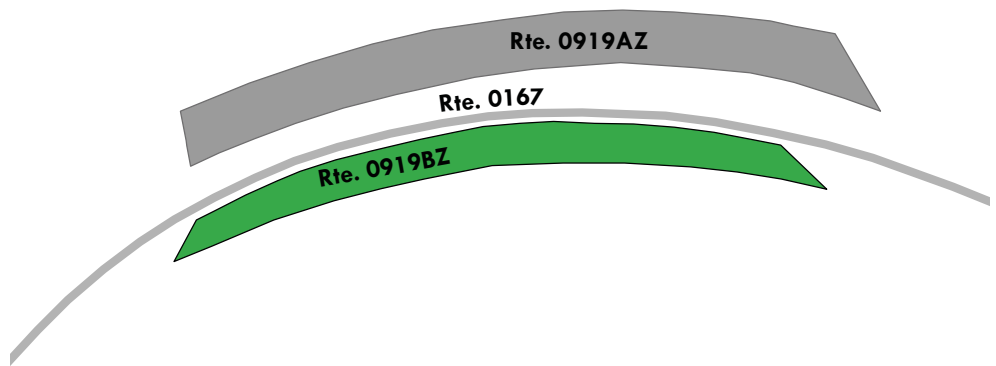
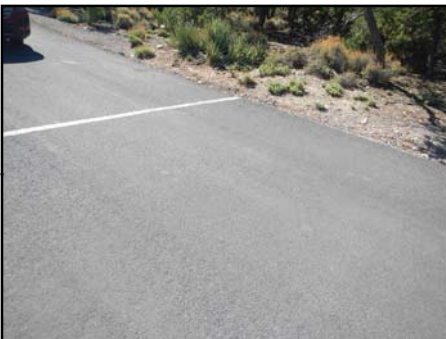
ADJACENT TO ROUTE 0167 (PIMA POINT ROAD)

Inspection Date	FMSS Number	User Access	Surface Type
5/17/2016	58372	PUBLIC	ASPHALT
Area (Sq. Ft.)	Lane Miles (11' Widths)	Curb Reveal (Inches)	Curb Recommendation
2,206	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



Grand Canyon National Park

ROUTE 0920: HERMIT'S REST PARKING

Manual Rating

FROM END OF ROUTE 0015 (HERMIT REST ROAD)

TO PARKING

Inspection Date	FMSS Number	User Access	Surface Type
5/17/2016	58384	PUBLIC	ASPHALT
Area (Sq. Ft.)	Lane Miles (11' Widths)	Curb Reveal (Inches)	Curb Recommendation
26,890	0.463	4	DO NOTHING
Curb Type		Curb & Gutter Type	
STONE		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)

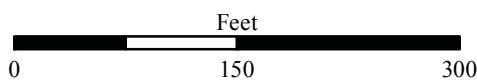
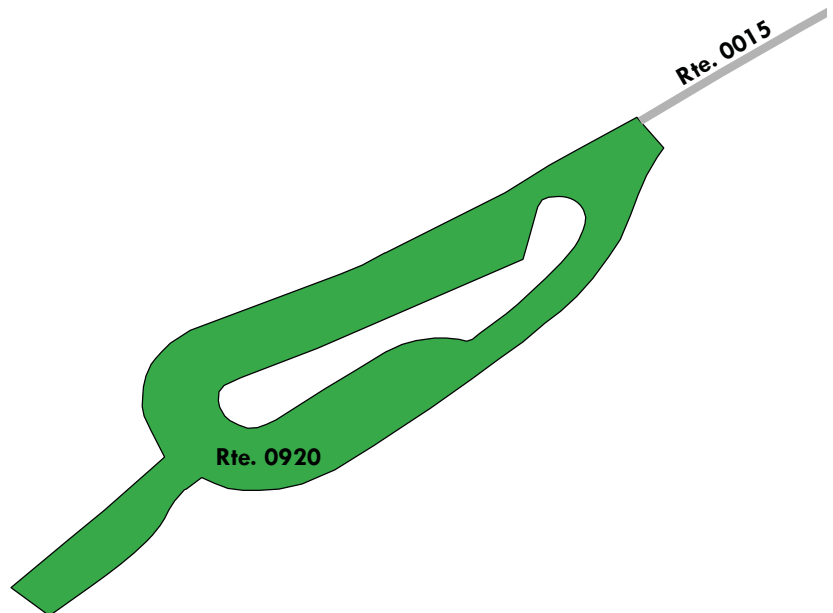
Excellent (95 - 100)

Not Rated

See Appendix for definitions and formulas



Parking area consists of multiple surface types; 3 parts asphalt at 24,830 square feet and 3 parts concrete at 2,060 square feet.



Grand Canyon National Park

ROUTE 0921: TRAIN STATION PARKING

Manual Rating

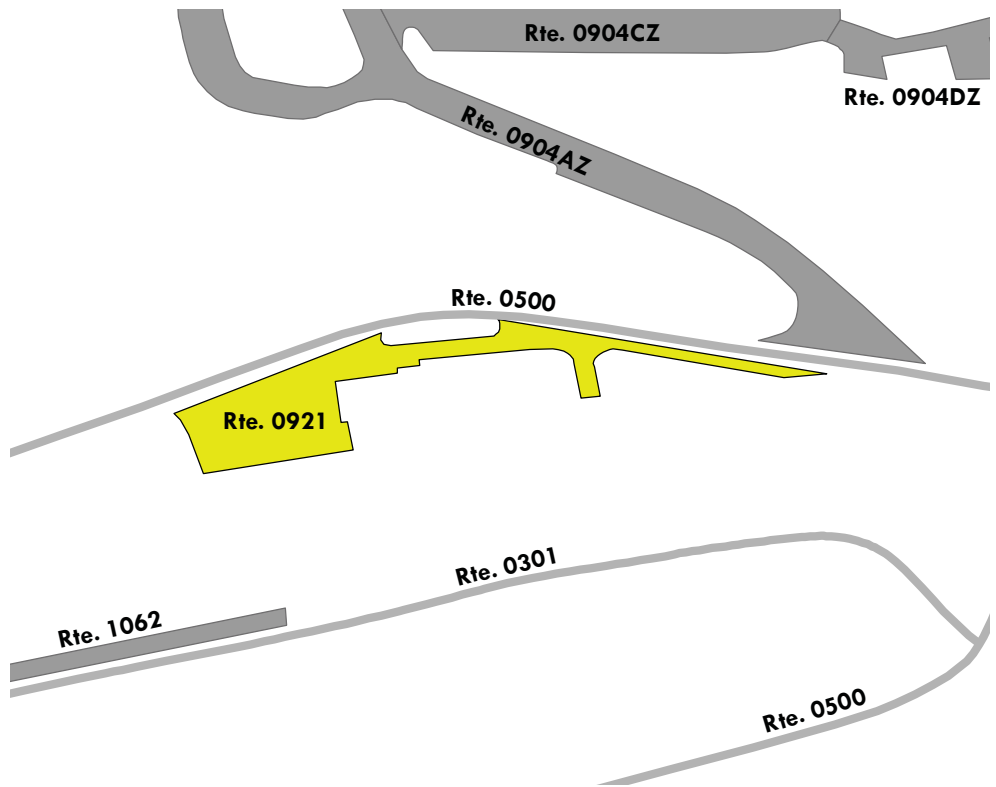
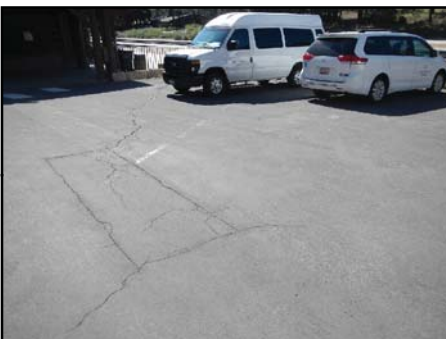
ADJACENT TO ROUTE 0500 (VILLAGE LOOP DRIVE) AT MP 0.09

Inspection Date	FMSS Number	User Access	Surface Type
5/16/2016	58385	PUBLIC	ASPHALT
Area (Sq. Ft.)	Lane Miles (11' Widths)	Curb Reveal (Inches)	Curb Recommendation
9,974	0.172	6	DO NOTHING
Curb Type		Curb & Gutter Type	
STONE		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



Grand Canyon National Park

ROUTE 0923: MASWICK TRANSPORTATION CENTER PARKING

Manual Rating

FROM ROUTE 0426 (MASWICK TRANSPORTATION CENTER ROAD)

TO PARKING

Inspection Date	FMSS Number	User Access	Surface Type
5/16/2016	58386	PUBLIC	ASPHALT
Area (Sq. Ft.)	Lane Miles (11' Widths)	Curb Reveal (Inches)	Curb Recommendation
103,391	1.78	6	DO NOTHING
Curb Type		Curb & Gutter Type	
STONE		NO CURB AND GUTTER	
Pavement Recommendation		Condition Rating / PCR	
PREVENTIVE MAINTENANCE		GOOD / 90	

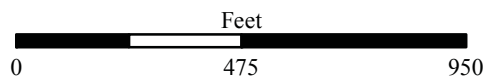
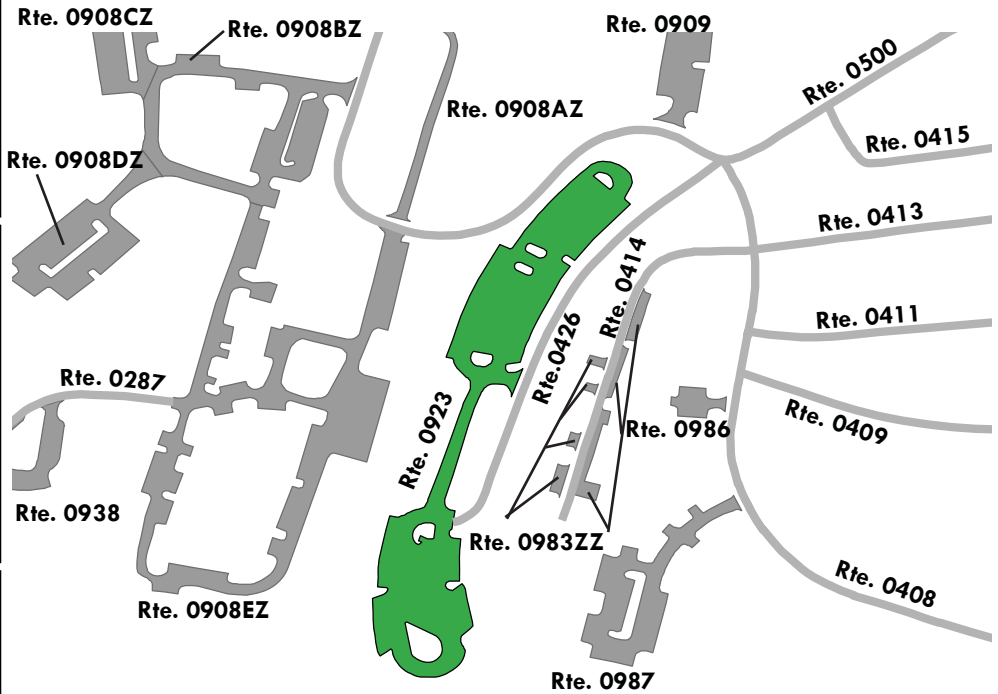
Route Condition Legend – Pavement Condition Rating (PCR)

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



Parking area consists of multiple surface types; 2 parts asphalt at 97,716 square feet and 1 part concrete at 5,675 square feet.



Grand Canyon National Park

ROUTE 0924ZZ: RANGER OPERATIONS AND MAGISTRATE PARKING

Summary Route
Manual Rating

FROM ROUTE 0016 (CENTER ROAD) AT MP 1.58 ON LEFT
TO PARKING

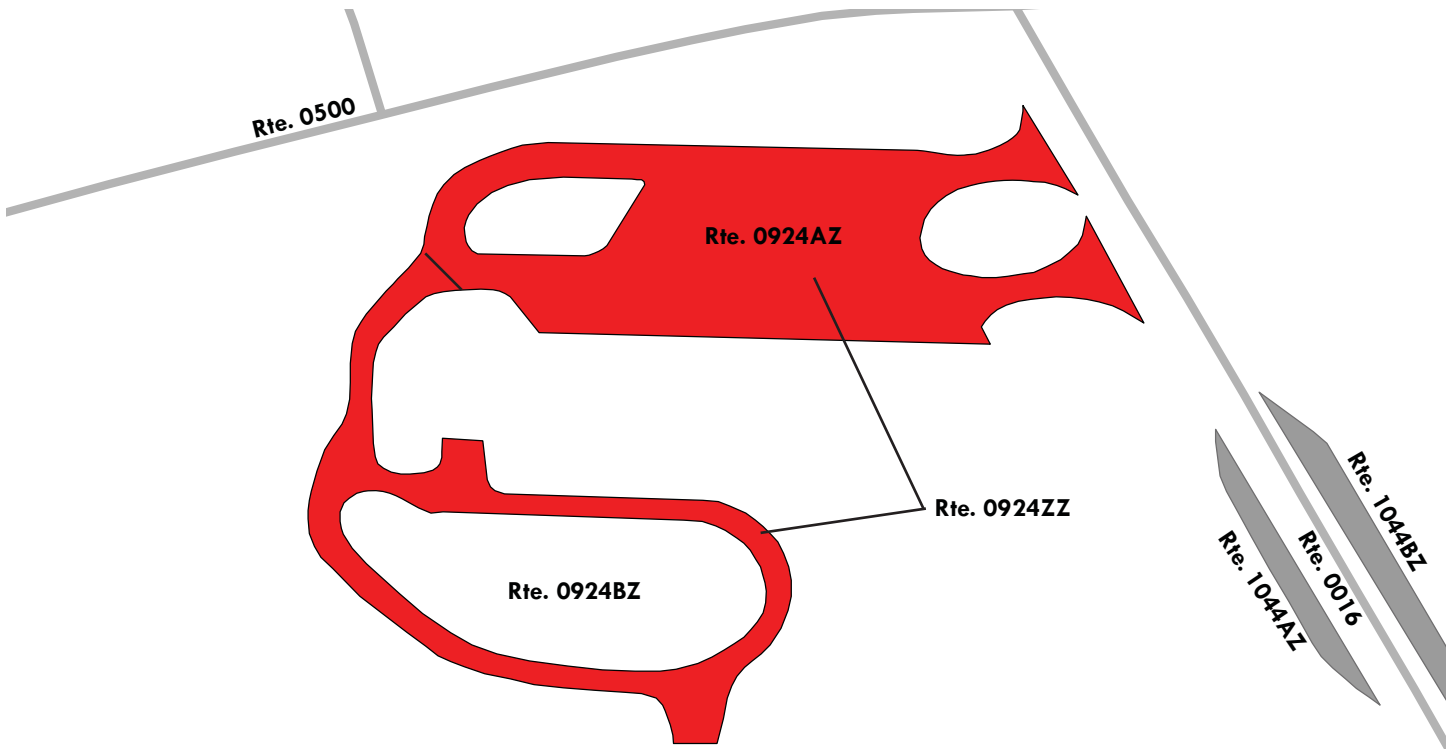
Inspection Date	FMSS Number	User Access	Surface Type
5/16/2016	58388	PUBLIC	ASPHALT
Area (Sq. Ft.)	Lane Miles (11' Widths)	Condition Rating / PCR	
25,205	0.434	SUMMARY / 46	

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.



Grand Canyon National Park

ROUTE 0924AZ: RANGER OPERATIONS PARKING

Subcomponent of Route GRCA-0924ZZ
Manual Rating

FROM ROUTE 0016 (CENTER ROAD) AT MP 1.58 ON LEFT
 TO ROUTE 0924BZ (MAGISTRATE EMPLOYEE)

Inspection Date	FMSS Number	User Access	Surface Type
5/16/2016	58388	PUBLIC	ASPHALT
Area (Sq. Ft.)	Lane Miles (11' Widths)	Curb Reveal (Inches)	Curb Recommendation
17,789	0.306	6	DO NOTHING
Curb Type		Curb & Gutter Type	
STONE		NO CURB AND GUTTER	
Pavement Recommendation		Condition Rating / PCR	
HEAVY 3R TREATMENTS		POOR / 53	

Route Condition Legend – Pavement Condition Rating (PCR)

Poor (0 - 60)

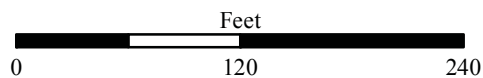
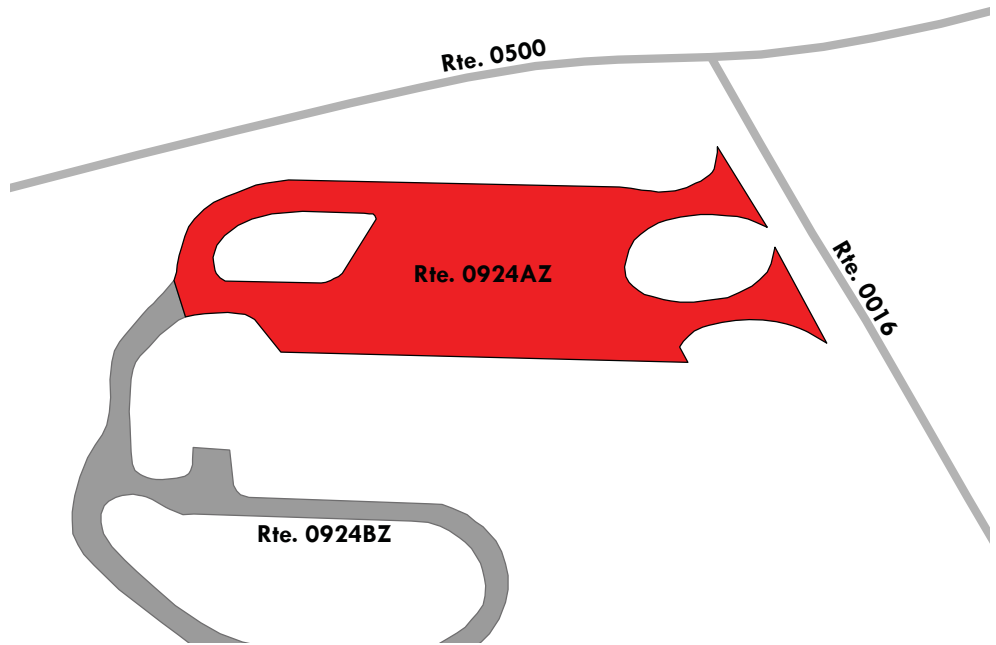
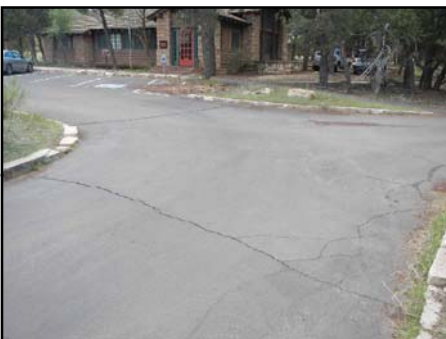
Fair (61- 84)

Good (85 - 94)

Excellent (95 - 100)

Not Rated

See Appendix for definitions and formulas



Grand Canyon National Park

ROUTE 0924BZ: MAGISTRATE EMPLOYEE

Subcomponent of Route GRCA-0924ZZ

Manual Rating

FROM ROUTE 0924AZ (RANGER OPERATIONS PARKING)

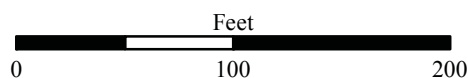
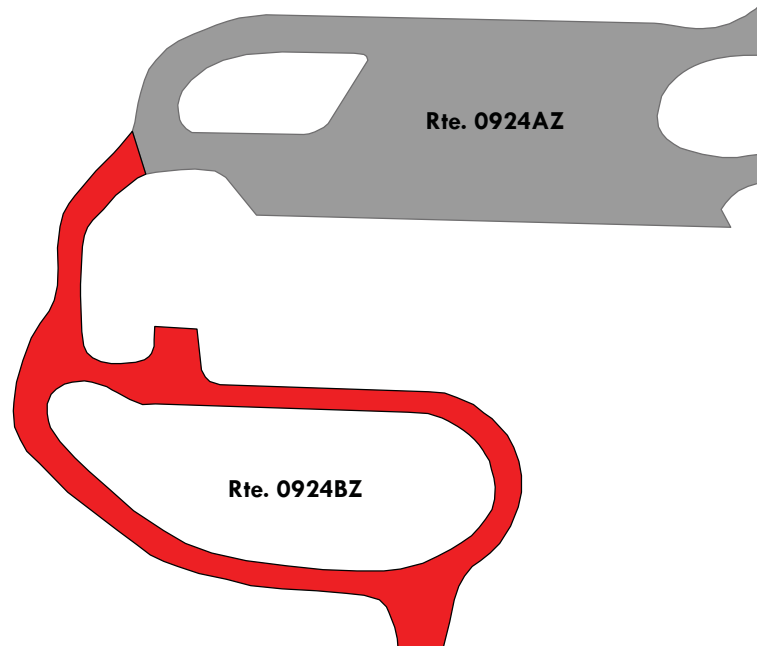
TO PARKING

Inspection Date	FMSS Number	User Access	Surface Type
5/16/2016	58388	PUBLIC	ASPHALT
Area (Sq. Ft.)	Lane Miles (11' Widths)	Curb Reveal (Inches)	Curb Recommendation
7,416	0.128	5	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
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See Appendix for definitions and formulas



Grand Canyon National Park

ROUTE 0925: GENERAL OFFICES PARKING

Manual Rating

FROM ROUTE 0432 (NAVAJO STREET)

TO PARKING

Inspection Date	FMSS Number	User Access	Surface Type
5/16/2016	58390	PUBLIC	ASPHALT
Area (Sq. Ft.)	Lane Miles (11' Widths)	Curb Reveal (Inches)	Curb Recommendation
15,045	0.259	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)

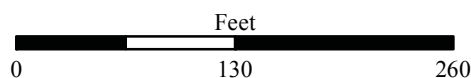
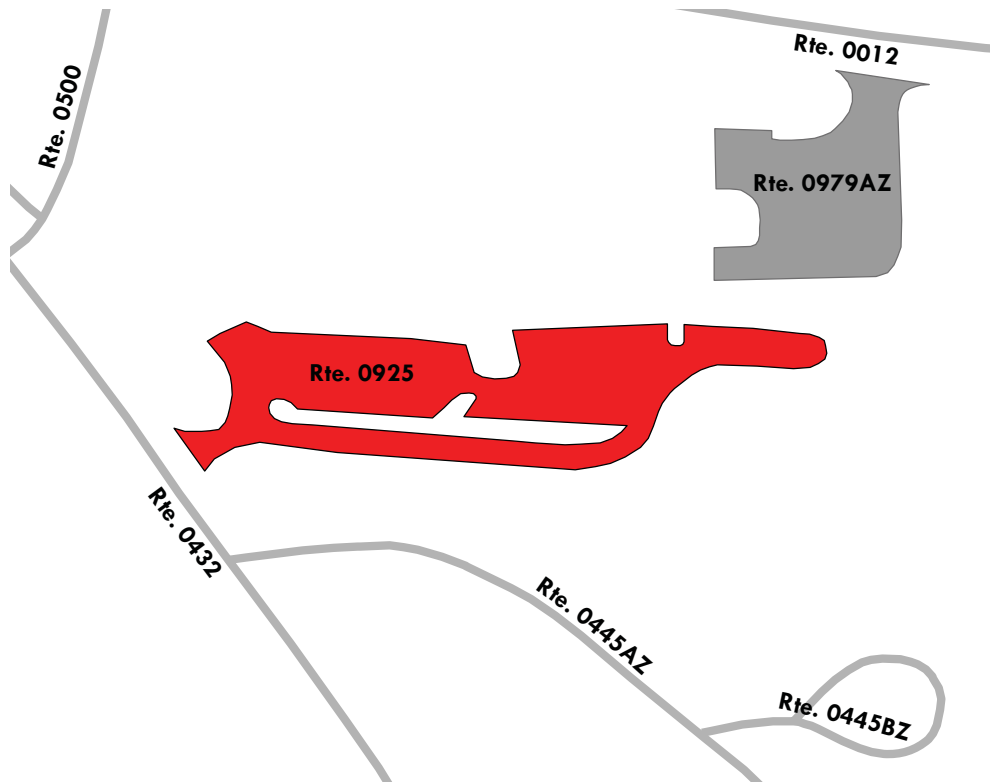
Fair (61- 84)

Good (85 - 94)

Excellent (95 - 100)

Not Rated

See Appendix for definitions and formulas



Grand Canyon National Park

ROUTE 0926: SCHOOL PARKING WEST

Manual Rating

FROM ROUTE 0409 (BOULDER STREET)

TO PARKING

Inspection Date	FMSS Number	User Access	Surface Type
5/16/2016	58393	PUBLIC	ASPHALT
Area (Sq. Ft.)	Lane Miles (11' Widths)	Curb Reveal (Inches)	Curb Recommendation
11,218	0.193	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)

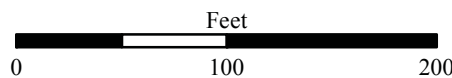
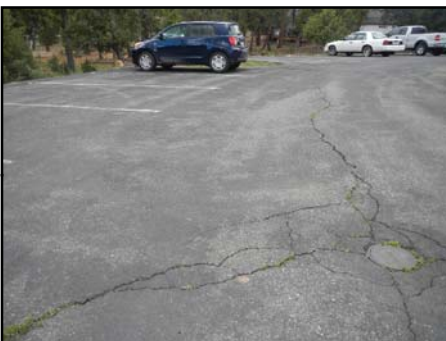
Fair (61- 84)

Good (85 - 94)

Excellent (95 - 100)

Not Rated

See Appendix for definitions and formulas



Grand Canyon National Park

ROUTE 0927: BOULDER STREET RESIDENCE PARKING

Manual Rating

FROM ROUTE 0409 (BOULDER STREET)

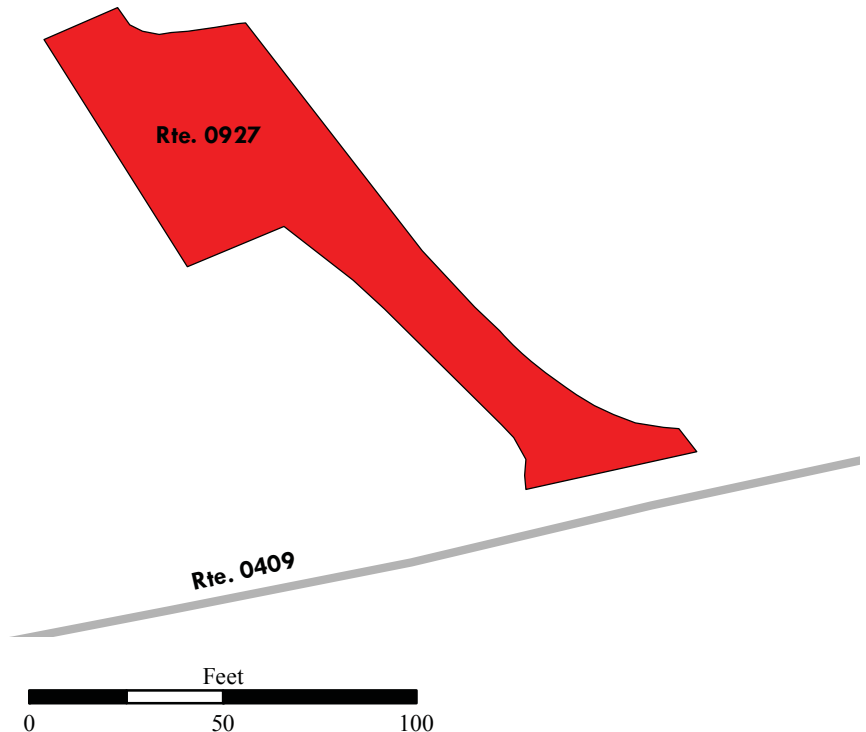
TO PARKING

Inspection Date	FMSS Number	User Access	Surface Type
5/16/2016	103177	PUBLIC	ASPHALT
Area (Sq. Ft.)	Lane Miles (11' Widths)	Curb Reveal (Inches)	Curb Recommendation
4,089	0.07	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



Grand Canyon National Park

ROUTE 0928: COCONINO SCHOOL PARKING

Manual Rating

FROM ROUTE 0601 (ALBRIGHT AVENUE) AND END OF ROUTE 0408 (COCONINO ROAD)
TO PARKING

Inspection Date	FMSS Number	User Access	Surface Type
5/16/2016	58396	PUBLIC	ASPHALT
Area (Sq. Ft.)	Lane Miles (11' Widths)	Curb Reveal (Inches)	Curb Recommendation
36,918	0.636	NOT APPLICABLE	NOT APPLICABLE
Curb Type		Curb & Gutter Type	
NO CURB		NO CURB AND GUTTER	
Pavement Recommendation		Condition Rating / PCR	
RECONSTRUCTION		POOR / 30	

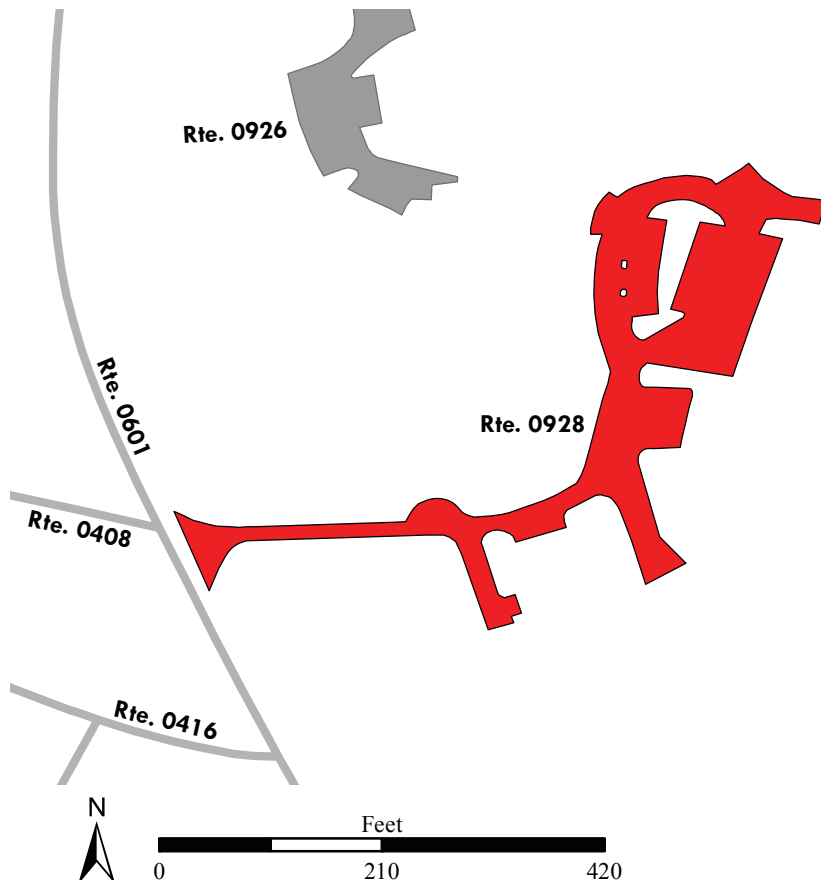
Route Condition Legend – Pavement Condition Rating (PCR)

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



Parking area consists of multiple surface types; 2 parts asphalt at 34,548 square feet and 1 part concrete at 2,370 square feet.



Grand Canyon National Park

ROUTE 0930: CONCESSIONS OPERATION COMPLEX PARKING

Manual Rating

FROM ROUTE 0601 (ALBRIGHT AVENUE) AT MP 0.50 ON RIGHT

TO ROUTE 0601 (ALBRIGHT AVENUE) AT MP 0.57 ON RIGHT

Inspection Date	FMSS Number	User Access	Surface Type
5/16/2016	58401	PUBLIC	ASPHALT
Area (Sq. Ft.)	Lane Miles (11' Widths)	Curb Reveal (Inches)	Curb Recommendation
131,227	2.259	6	LIGHT REPAIR
Curb Type		Curb & Gutter Type	
CONCRETE		CONCRETE	
Pavement Recommendation		Condition Rating / PCR	
HEAVY 3R TREATMENTS		POOR / 53	

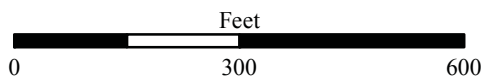
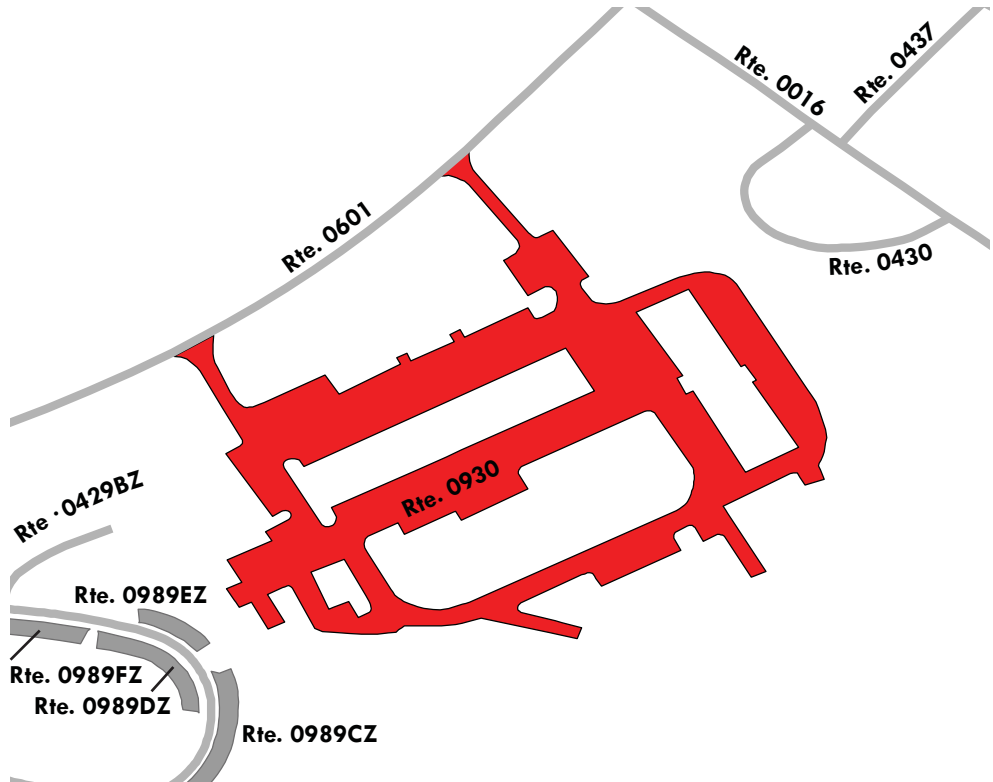
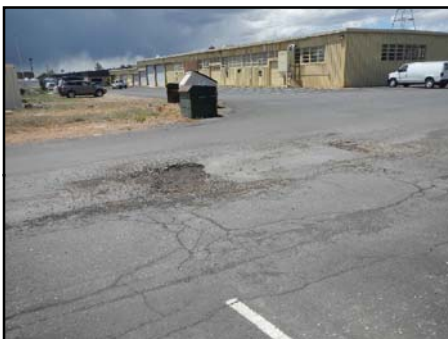
Route Condition Legend – Pavement Condition Rating (PCR)

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



Parking area consists of multiple surface types; 1 part asphalt at 125,232 square feet and 6 parts concrete at 5,995 square feet.



Grand Canyon National Park

ROUTE 0931: SHUTTLE BUS PARKING

Manual Rating

FROM ROUTE 0488 (FIRE STATION ACCESS ROAD)

TO PARKING

Inspection Date	FMSS Number	User Access	Surface Type
5/17/2016	58402	NONPUBLIC	ASPHALT
Area (Sq. Ft.)	Lane Miles (11' Widths)	Curb Reveal (Inches)	Curb Recommendation
49,311	0.849	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)

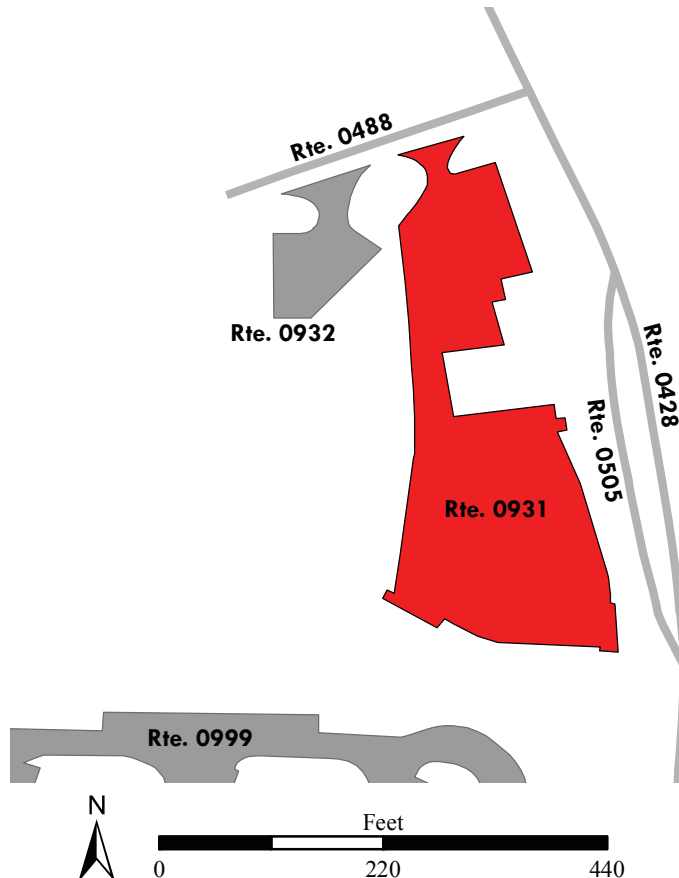
Excellent (95 - 100)

Not Rated

See Appendix for definitions and formulas



Parking area consists of multiple surface types; 1 part asphalt at 48,071 square feet and 3 parts concrete at 1,240 square feet.



Grand Canyon National Park

ROUTE 0932: FIRE STATION PARKING

Manual Rating

FROM ROUTE 0488 (FIRE STATION ACCESS ROAD)

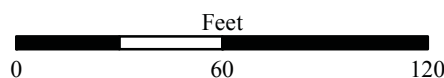
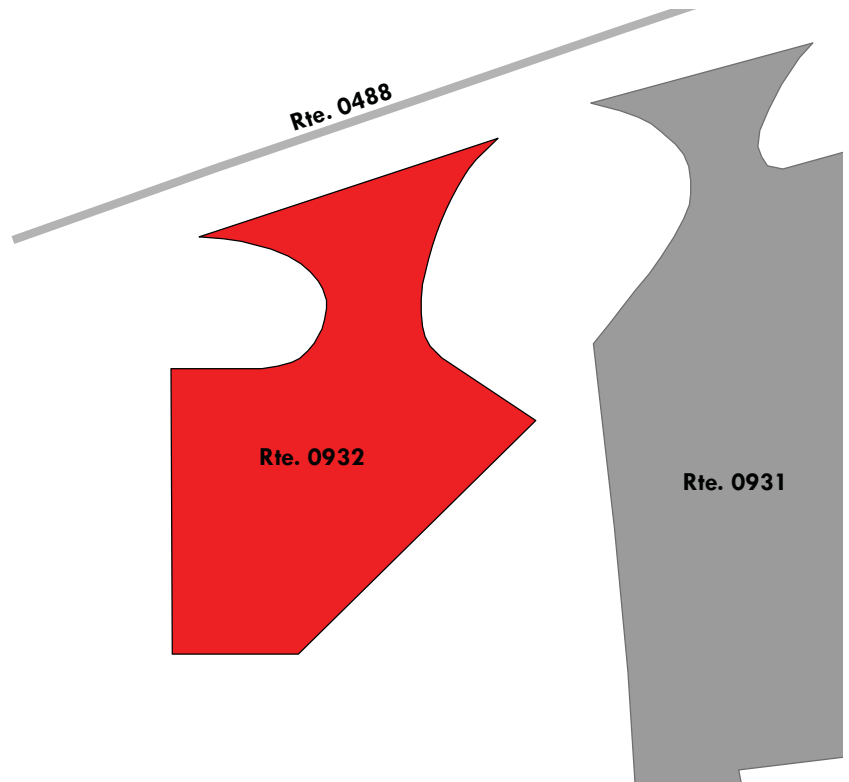
TO PARKING

Inspection Date	FMSS Number	User Access	Surface Type
5/17/2016	58403	NONPUBLIC	ASPHALT
Area (Sq. Ft.)	Lane Miles (11' Widths)	Curb Reveal (Inches)	Curb Recommendation
6,985	0.12	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



Grand Canyon National Park

ROUTE 0933: GRAND CANYON ASSOCIATION PARKING

Manual Rating

FROM ROUTE 0403 (TONTO STREET)

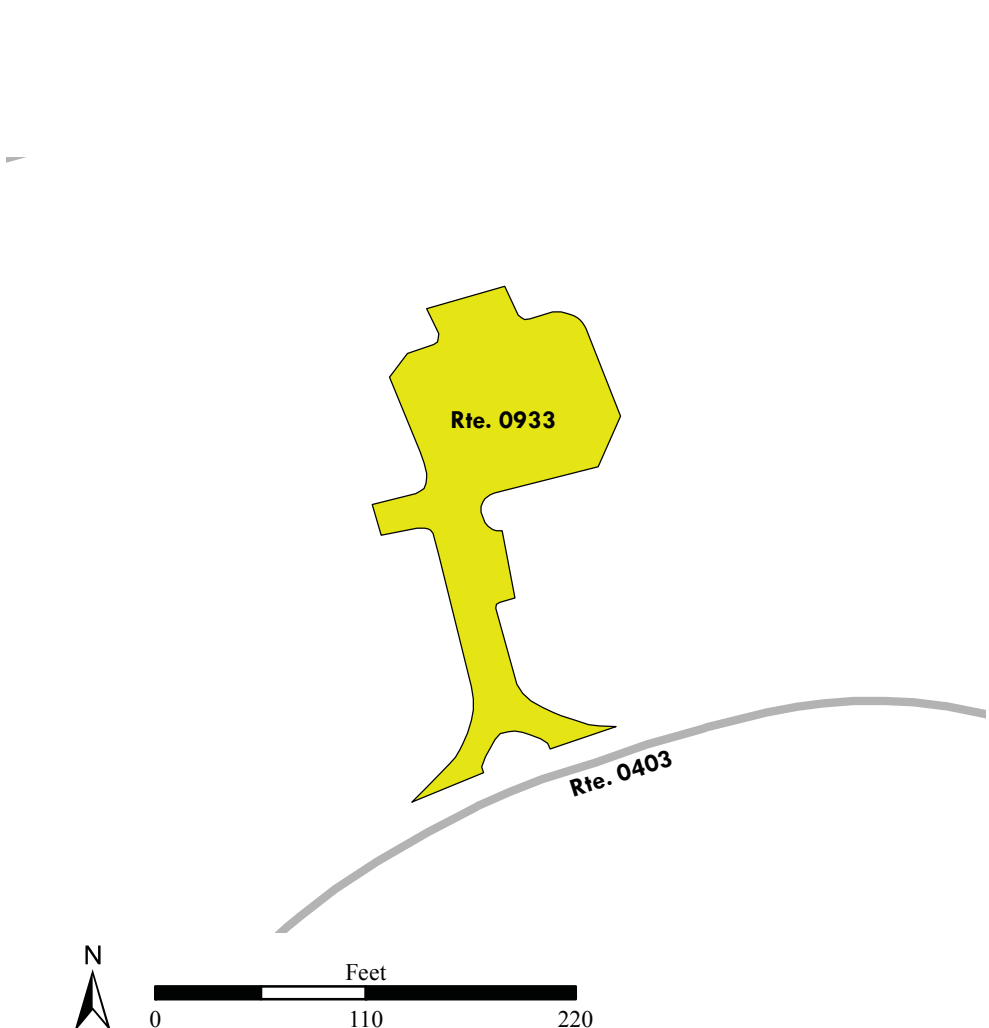
TO PARKING

Inspection Date	FMSS Number	User Access	Surface Type
5/16/2016	90376	PUBLIC	ASPHALT
Area (Sq. Ft.)	Lane Miles (11' Widths)	Curb Reveal (Inches)	Curb Recommendation
11,587	0.2	4	DO NOTHING
Curb Type		Curb & Gutter Type	
STONE		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



Grand Canyon National Park

ROUTE 0934ZZ: STABLE PARKING AREAS

Summary Route
Manual Rating

FROM ROUTE 0431 (JUNIPER HILL)

TO PARKING

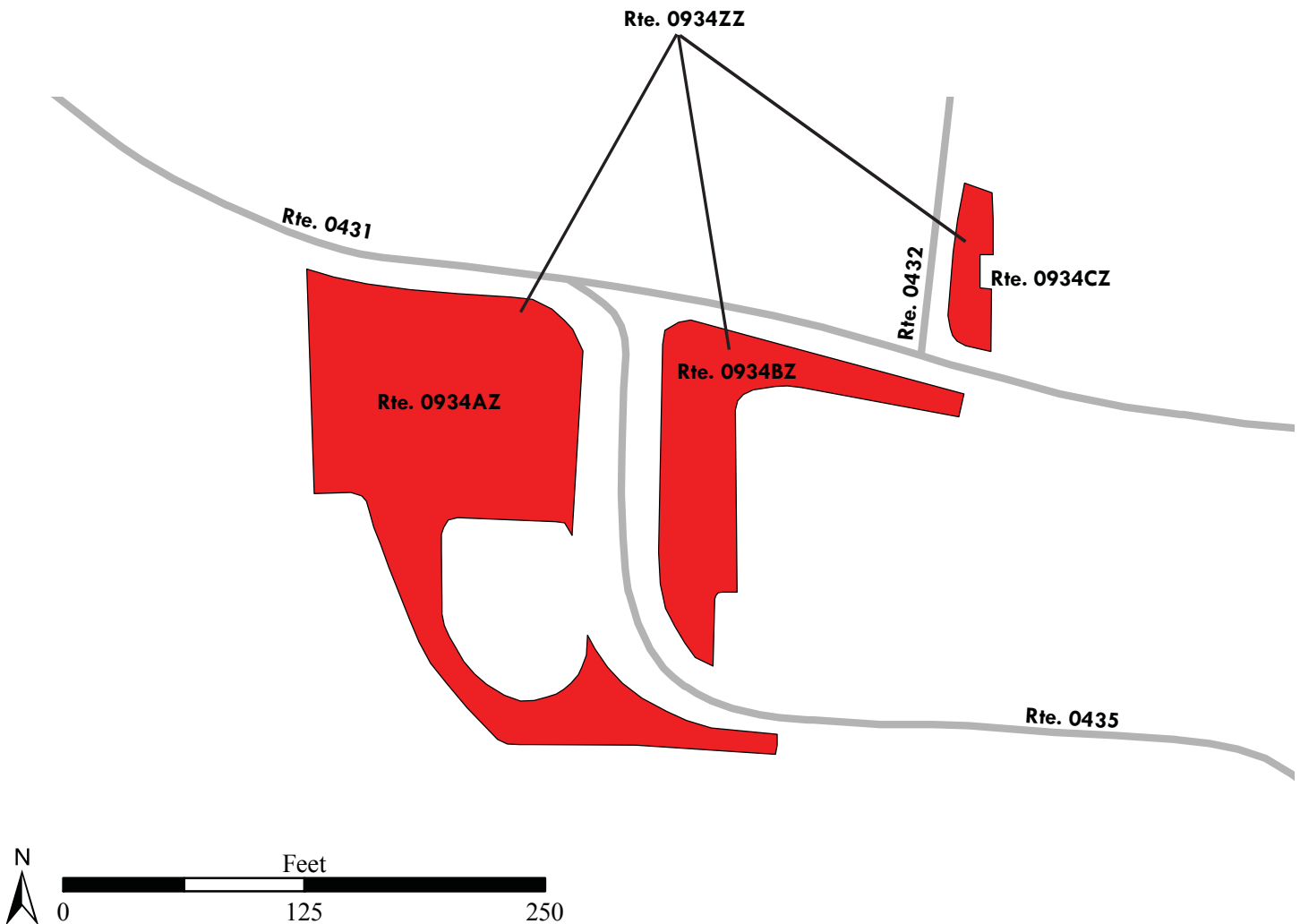
Inspection Date	FMSS Number	User Access	Surface Type
5/16/2016	58405	PUBLIC	ASPHALT
Area (Sq. Ft.)	Lane Miles (11' Widths)	Condition Rating / PCR	
25,434	0.437	SUMMARY / 0	

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

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



Grand Canyon National Park

ROUTE 0934AZ: STABLE PARKING AREA A

Subcomponent of Route GRCA-0934ZZ

Manual Rating

FROM ROUTE 0431 (JUNIPER HILL)

TO ROUTE 0435 (SUNSET DRIVE)

Inspection Date	FMSS Number	User Access	Surface Type
5/16/2016	58405	PUBLIC	ASPHALT
Area (Sq. Ft.)	Lane Miles (11' Widths)	Curb Reveal (Inches)	Curb Recommendation
17,490	0.301	NOT APPLICABLE	NOT APPLICABLE
Curb Type		Curb & Gutter Type	
NO CURB		NO CURB AND GUTTER	
Pavement Recommendation		Condition Rating / PCR	
RECONSTRUCTION		POOR / 0	

Route Condition Legend – Pavement Condition Rating (PCR)

Poor (0 - 60)

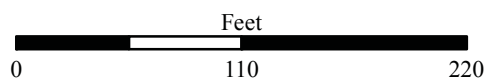
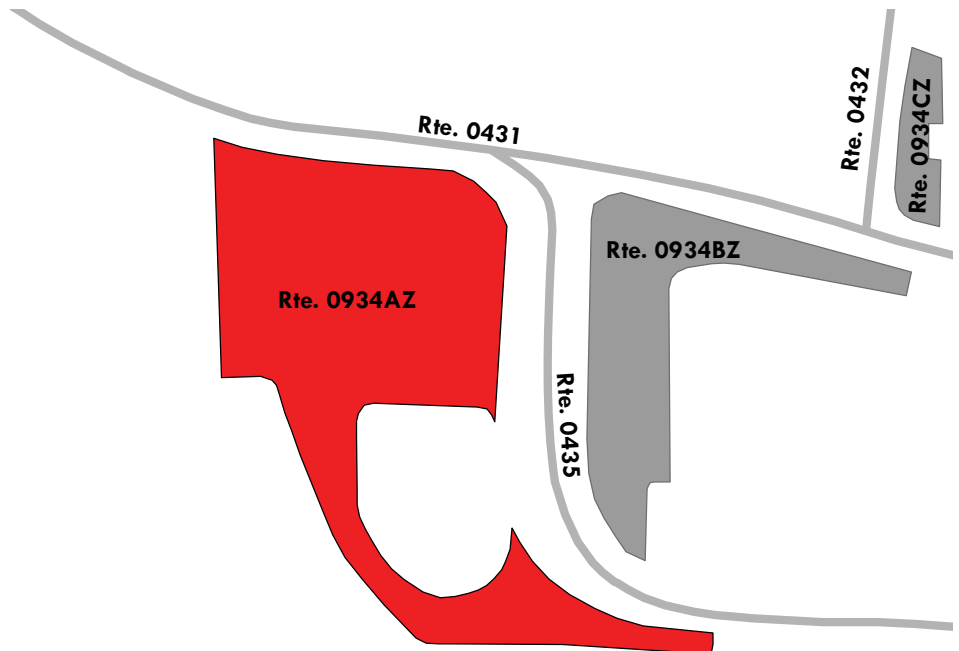
Fair (61- 84)

Good (85 - 94)

Excellent (95 - 100)

Not Rated

See Appendix for definitions and formulas



Grand Canyon National Park

ROUTE 0934BZ: STABLE PARKING AREA B

Subcomponent of Route GRCA-0934ZZ

Manual Rating

FROM ROUTE 0435 (SUNSET DRIVE) ON LEFT AND ROUTE 0431 (JUNIPER HILL)

TO PARKING

Inspection Date	FMSS Number	User Access	Surface Type
5/16/2016	58405	PUBLIC	ASPHALT
Area (Sq. Ft.)	Lane Miles (11' Widths)	Curb Reveal (Inches)	Curb Recommendation
6,707	0.115	NOT APPLICABLE	NOT APPLICABLE
Curb Type		Curb & Gutter Type	
NO CURB		NO CURB AND GUTTER	
Pavement Recommendation		Condition Rating / PCR	
RECONSTRUCTION		POOR / 0	

Route Condition Legend – Pavement Condition Rating (PCR)

Poor (0 - 60)

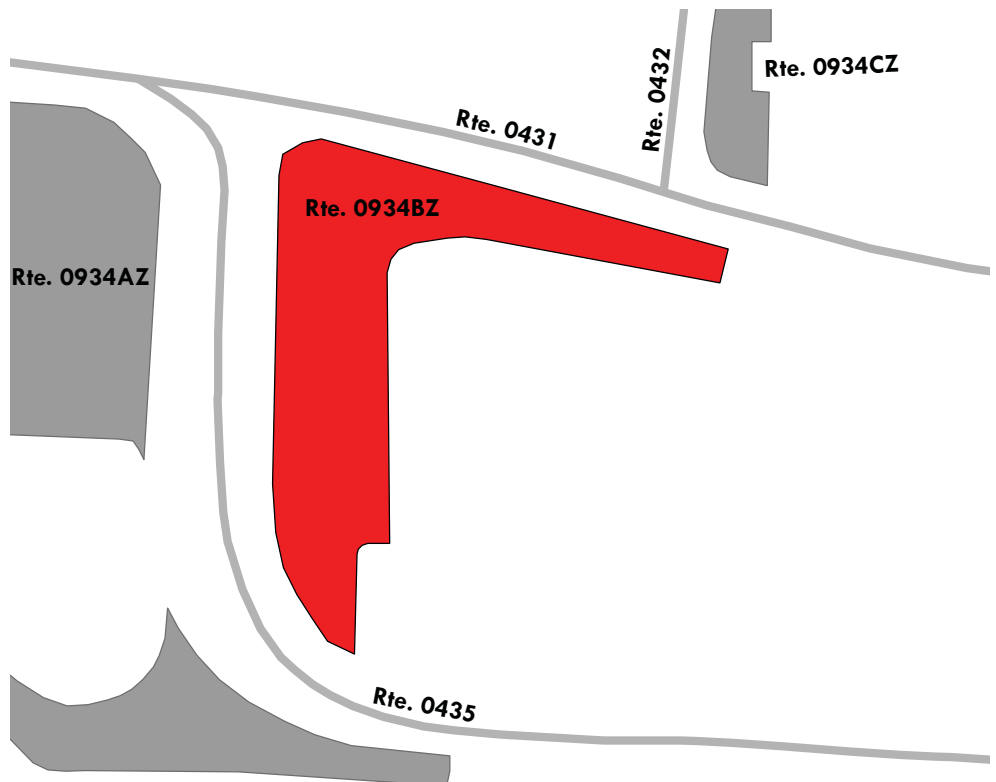
Fair (61- 84)

Good (85 - 94)

Excellent (95 - 100)

Not Rated

See Appendix for definitions and formulas



Grand Canyon National Park

ROUTE 0934CZ: STABLE PARKING AREA C

Subcomponent of Route GRCA-0934ZZ

Manual Rating

ADJACENT TO ROUTE 0432 (NAVAJO ROAD)

Inspection Date	FMSS Number	User Access	Surface Type
5/16/2016	58405	PUBLIC	ASPHALT
Area (Sq. Ft.)	Lane Miles (11' Widths)	Curb Reveal (Inches)	Curb Recommendation
1,237	0.021	NOT APPLICABLE	NOT APPLICABLE
Curb Type		Curb & Gutter Type	
NO CURB		NO CURB AND GUTTER	
Pavement Recommendation		Condition Rating / PCR	
RECONSTRUCTION		POOR / 0	

Route Condition Legend – Pavement Condition Rating (PCR)

Poor (0 - 60)

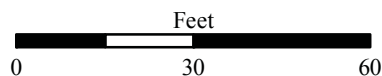
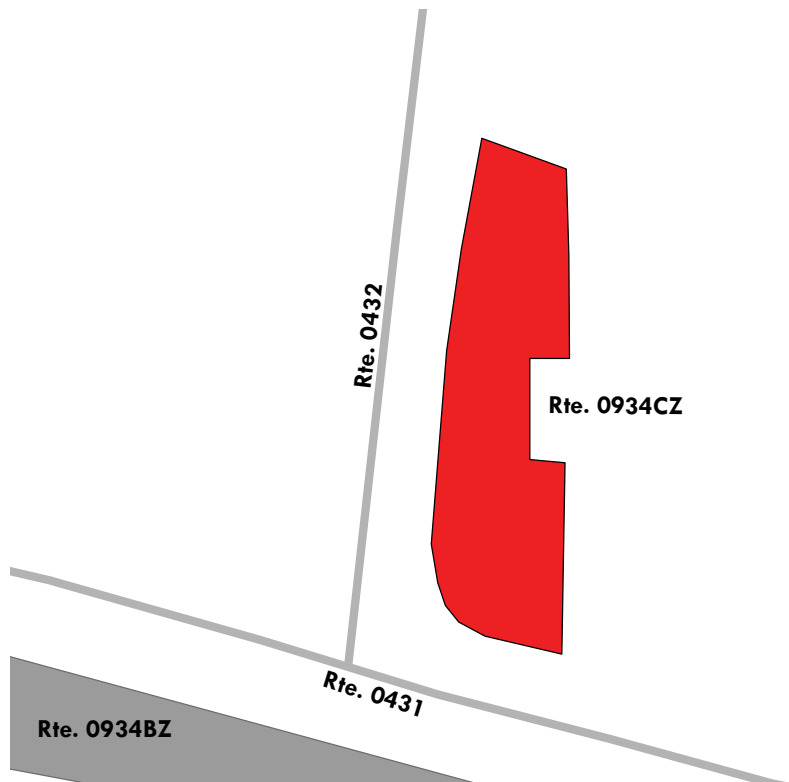
Fair (61- 84)

Good (85 - 94)

Excellent (95 - 100)

Not Rated

See Appendix for definitions and formulas



Grand Canyon National Park

ROUTE 0935: SCHOOL PARKING EAST

Manual Rating

FROM ROUTE 0016 (CENTER ROAD) AT MP 1.42 ON LEFT

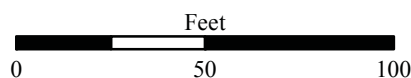
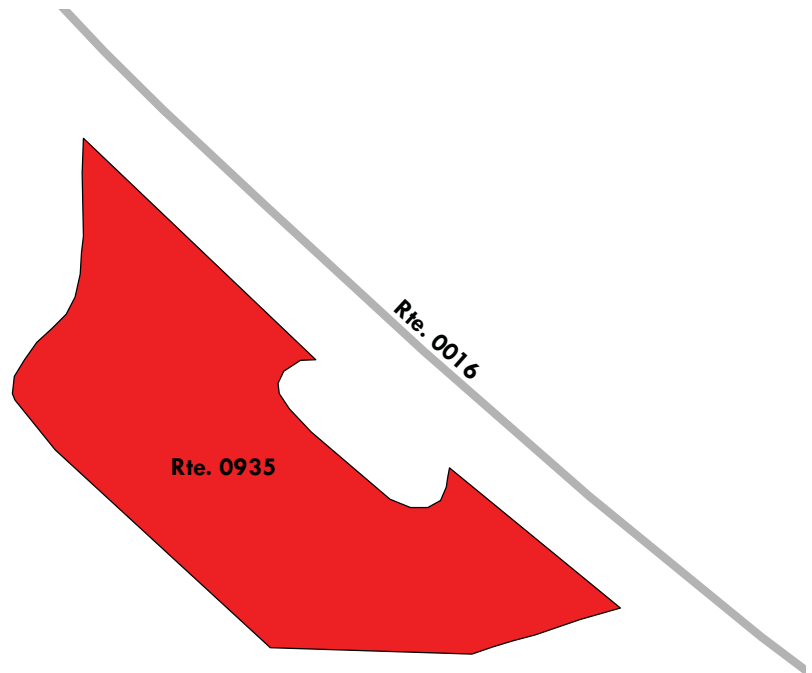
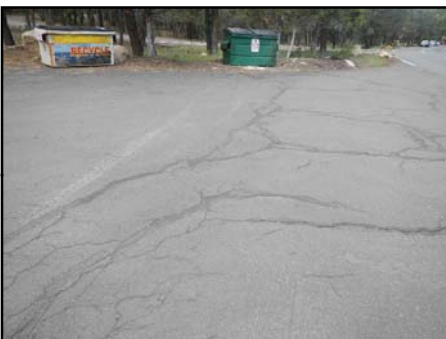
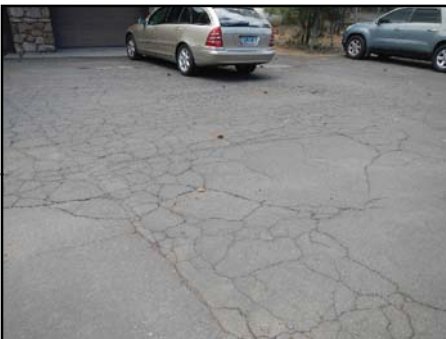
TO ROUTE 0016 (CENTER ROAD) AT MP 1.44 ON LEFT

Inspection Date	FMSS Number	User Access	Surface Type
5/16/2016	58407	PUBLIC	ASPHALT
Area (Sq. Ft.)	Lane Miles (11' Widths)	Curb Reveal (Inches)	Curb Recommendation
6,886	0.119	5	DO NOTHING
Curb Type		Curb & Gutter Type	
STONE		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



Grand Canyon National Park

ROUTE 0937ZZ: CLINIC EMS PARKING AREAS

Summary Route
Manual Rating

FROM ROUTE 0288 (CLINIC ACCESS ROAD) ON LEFT AND RIGHT
TO PARKING

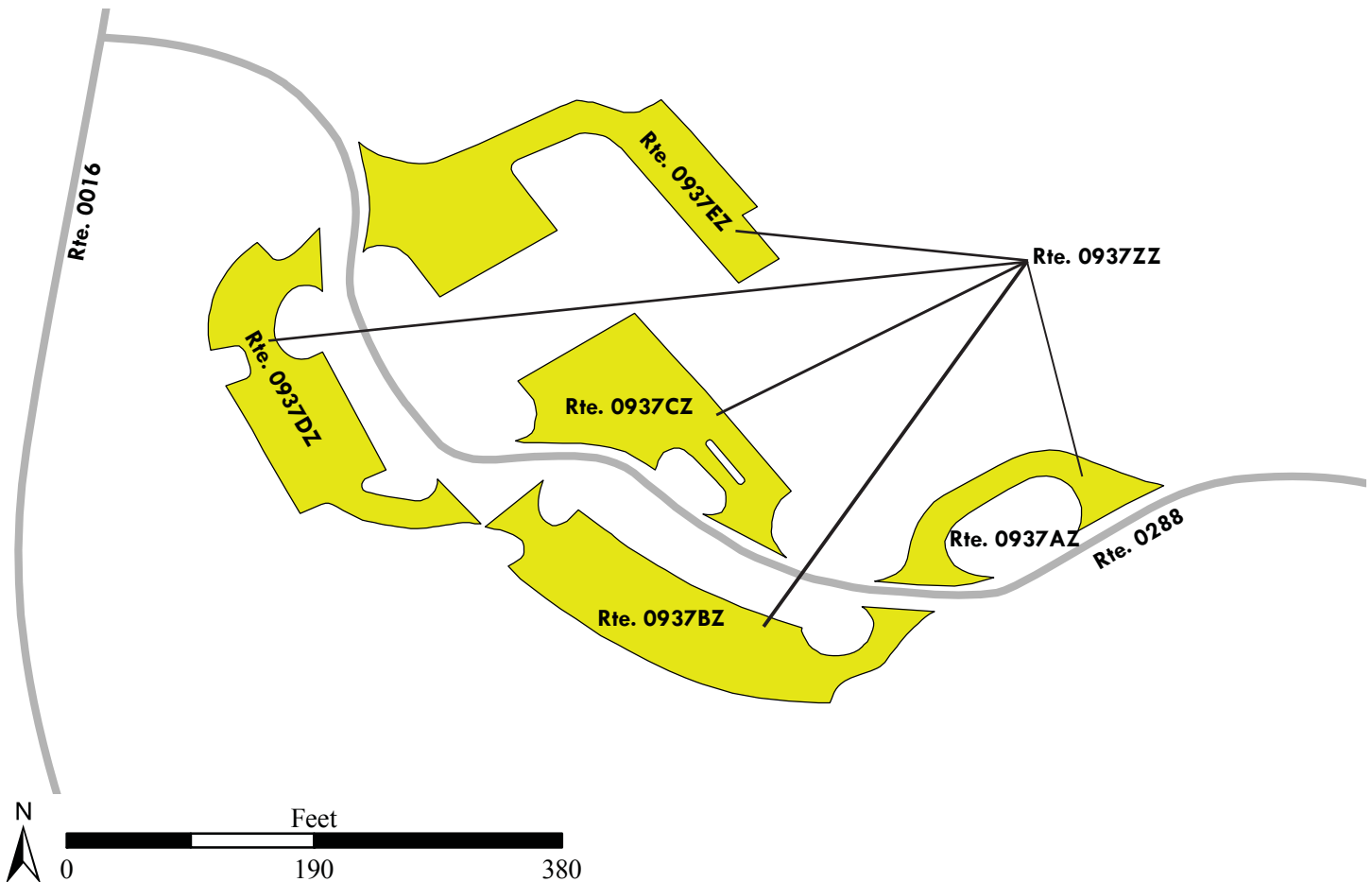
Inspection Date	FMSS Number	User Access	Surface Type
5/16/2016	58411	PUBLIC	ASPHALT
Area (Sq. Ft.)	Lane Miles (11' Widths)	Condition Rating / PCR	
60,665	1.043	SUMMARY / 81	

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.



Grand Canyon National Park

ROUTE 0937AZ: CLINIC EMS PARKING A

Subcomponent of Route GRCA-0937ZZ

Manual Rating

FROM ROUTE 0288 (CLINIC ACCESS ROAD)

TO ROUTE 0288 (CLINIC ACCESS ROAD)

Inspection Date	FMSS Number	User Access	Surface Type
5/16/2016	58411	PUBLIC	ASPHALT
Area (Sq. Ft.)	Lane Miles (11' Widths)	Curb Reveal (Inches)	Curb Recommendation
5,016	0.086	4	DO NOTHING
Curb Type		Curb & Gutter Type	
STONE		NO CURB AND GUTTER	
Pavement Recommendation		Condition Rating / PCR	
PREVENTIVE MAINTENANCE		GOOD / 90	

Route Condition Legend – Pavement Condition Rating (PCR)

Poor (0 - 60)

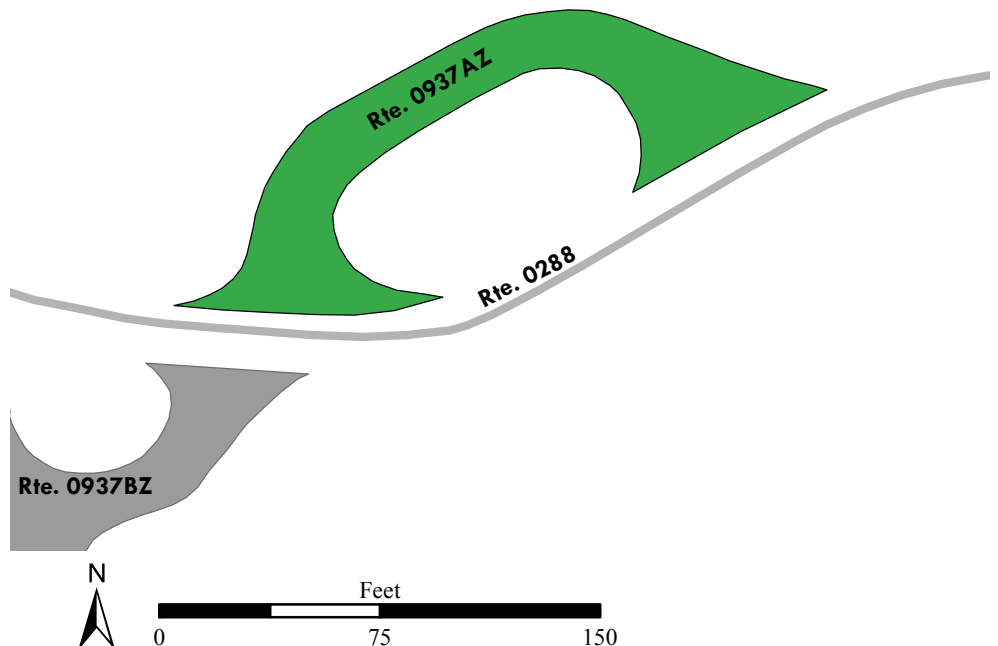
Fair (61- 84)

Good (85 - 94)

Excellent (95 - 100)

Not Rated

See Appendix for definitions and formulas



Grand Canyon National Park

ROUTE 0937BZ: PRIVATE RESIDENCE AND CLINIC PARKING

Subcomponent of Route GRCA-0937ZZ

Manual Rating

FROM ROUTE 0288 (CLINIC ACCESS ROAD)

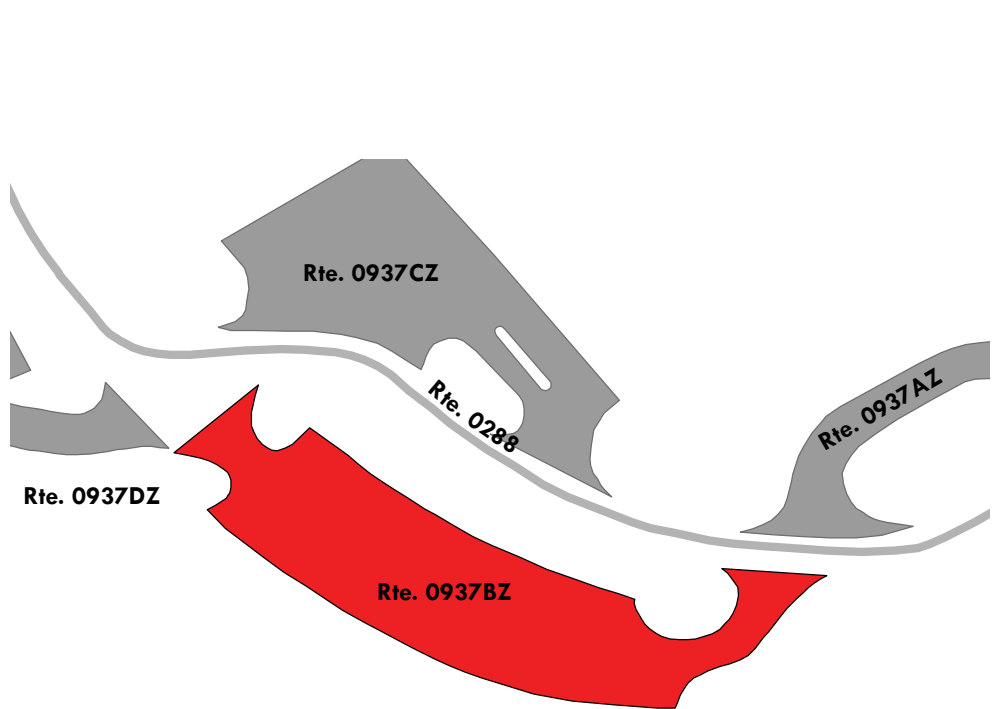
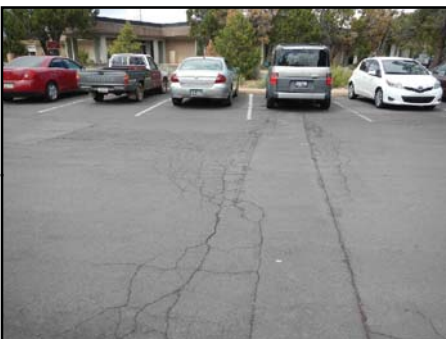
TO ROUTE 0288 (CLINIC ACCESS ROAD)

Inspection Date	FMSS Number	User Access	Surface Type
5/16/2016	58411	PUBLIC	ASPHALT
Area (Sq. Ft.)	Lane Miles (11' Widths)	Curb Reveal (Inches)	Curb Recommendation
15,179	0.261	5	LIGHT REPAIR
Curb Type		Curb & Gutter Type	
CONCRETE AND STONE		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



Grand Canyon National Park

ROUTE 0937CZ: AMBULANCE PARKING

Subcomponent of Route GRCA-0937ZZ

Manual Rating

FROM ROUTE 0288 (CLINIC ACCESS ROAD)

TO PARKING

Inspection Date	FMSS Number	User Access	Surface Type
5/16/2016	58411	PUBLIC	ASPHALT
Area (Sq. Ft.)	Lane Miles (11' Widths)	Curb Reveal (Inches)	Curb Recommendation
11,633	0.2	4	DO NOTHING
Curb Type		Curb & Gutter Type	
STONE		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)

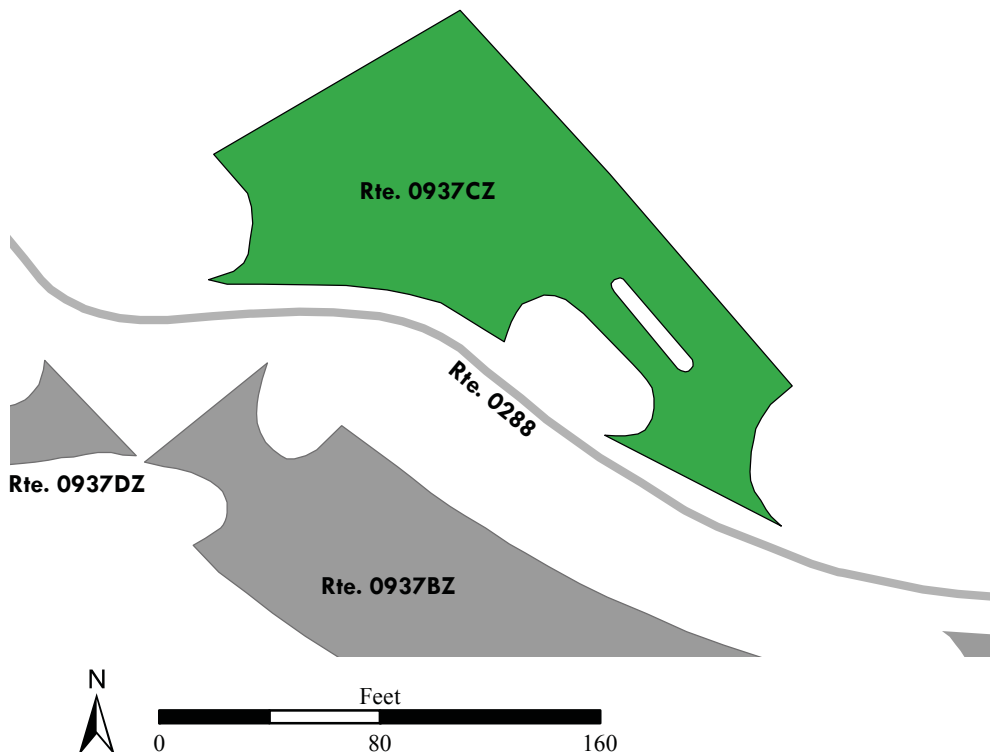
Excellent (95 - 100)

Not Rated

See Appendix for definitions and formulas



Parking area consists of multiple surface types; 1 part asphalt at 7,847 square feet and 1 part concrete at 3,786 square feet.



Grand Canyon National Park

ROUTE 0937DZ: CLINIC EMS PARKING D

Subcomponent of Route GRCA-0937ZZ

Manual Rating

FROM ROUTE 0288 (CLINIC ACCESS ROAD)

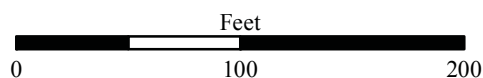
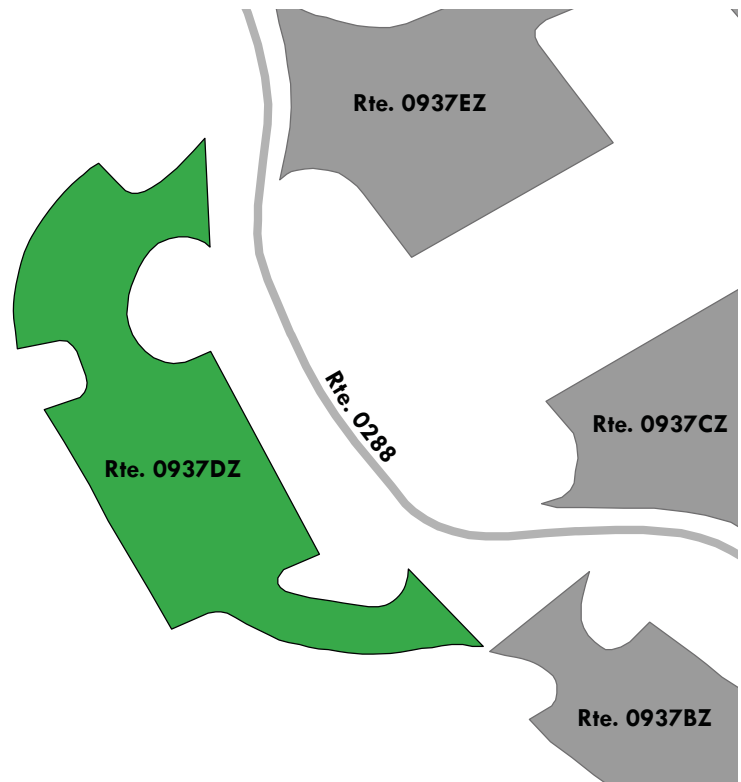
TO ROUTE 0288 (CLINIC ACCESS ROAD)

Inspection Date	FMSS Number	User Access	Surface Type
5/16/2016	58411	PUBLIC	ASPHALT
Area (Sq. Ft.)	Lane Miles (11' Widths)	Curb Reveal (Inches)	Curb Recommendation
12,561	0.216	6	LIGHT REPAIR
Curb Type		Curb & Gutter Type	
STONE		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



Grand Canyon National Park

ROUTE 0937EZ: CLINIC EMS PARKING E

Subcomponent of Route GRCA-0937ZZ

Manual Rating

FROM ROUTE 0288 (CLINIC ACCESS ROAD)

TO PARKING

Inspection Date	FMSS Number	User Access	Surface Type
5/16/2016	58411	PUBLIC	ASPHALT
Area (Sq. Ft.)	Lane Miles (11' Widths)	Curb Reveal (Inches)	Curb Recommendation
16,276	0.28	5	DO NOTHING
Curb Type		Curb & Gutter Type	
CONCRETE AND STONE		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)

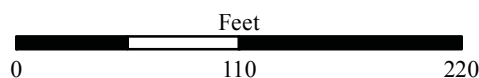
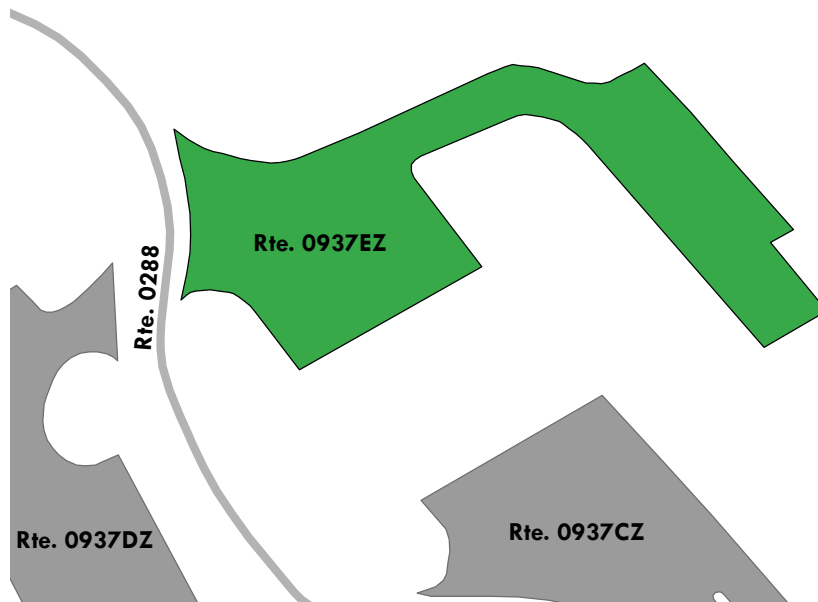
Excellent (95 - 100)

Not Rated

See Appendix for definitions and formulas



Parking area consists of multiple surface types; 1 part asphalt at 13,337 square feet and 1 part concrete at 2,939 square feet.



Grand Canyon National Park

ROUTE 0938: CONCESSIONS LAUNDRY PARKING

Manual Rating

FROM ROUTE 0287 (MASWICK LAUNDRY ROAD) AT MP 0.23 ON RIGHT

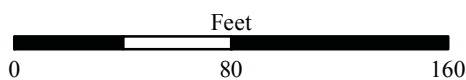
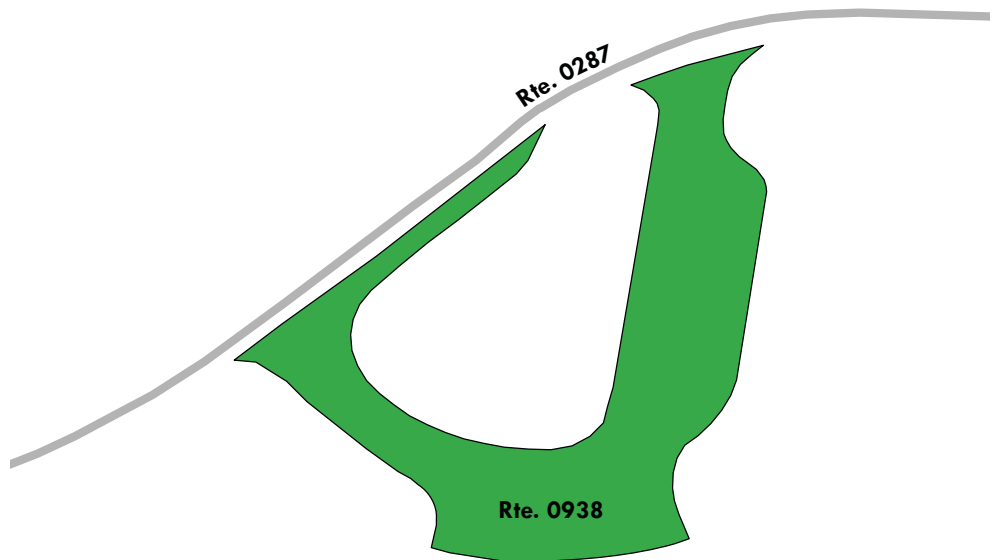
TO ROUTE 0287 (MASWICK LAUNDRY ROAD) AT MP 0.25 ON RIGHT

Inspection Date	FMSS Number	User Access	Surface Type
5/16/2016	58412	PUBLIC	ASPHALT
Area (Sq. Ft.)	Lane Miles (11' Widths)	Curb Reveal (Inches)	Curb Recommendation
9,695	0.167	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



Grand Canyon National Park

ROUTE 0939: WASTEWATER TREATMENT AREA

Manual Rating

FROM ROUTE 0427 (KENNELS ROAD)

TO PARKING

Inspection Date	FMSS Number	User Access	Surface Type
5/16/2016	58413	NONPUBLIC	ASPHALT
Area (Sq. Ft.)	Lane Miles (11' Widths)	Curb Reveal (Inches)	Curb Recommendation
33,244	0.572	NOT APPLICABLE	NOT APPLICABLE
Curb Type		Curb & Gutter Type	
NO CURB		NO CURB AND GUTTER	
Pavement Recommendation		Condition Rating / PCR	
PREVENTIVE MAINTENANCE		GOOD / 90	

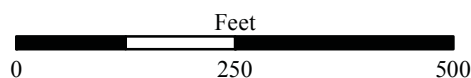
Route Condition Legend – Pavement Condition Rating (PCR)

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



Parking area consists of multiple surface types; 2 parts asphalt at 32,459 square feet and 2 parts concrete at 785 square feet.



Grand Canyon National Park

ROUTE 0940: BUSINESS CENTER PARKING

Manual Rating

FROM ROUTE 0446 (YAVAPAI LODGE ROAD)

TO ROUTE 0017 (MARKET PLAZA ROAD)

Inspection Date	FMSS Number	User Access	Surface Type
5/17/2016	58414	PUBLIC	ASPHALT
Area (Sq. Ft.)	Lane Miles (11' Widths)	Curb Reveal (Inches)	Curb Recommendation
147,361	2.537	4	LIGHT REPAIR
Curb Type		Curb & Gutter Type	
STONE		NO CURB AND GUTTER	
Pavement Recommendation		Condition Rating / PCR	
HEAVY 3R TREATMENTS		POOR / 53	

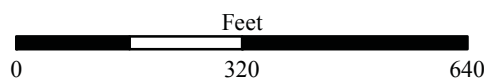
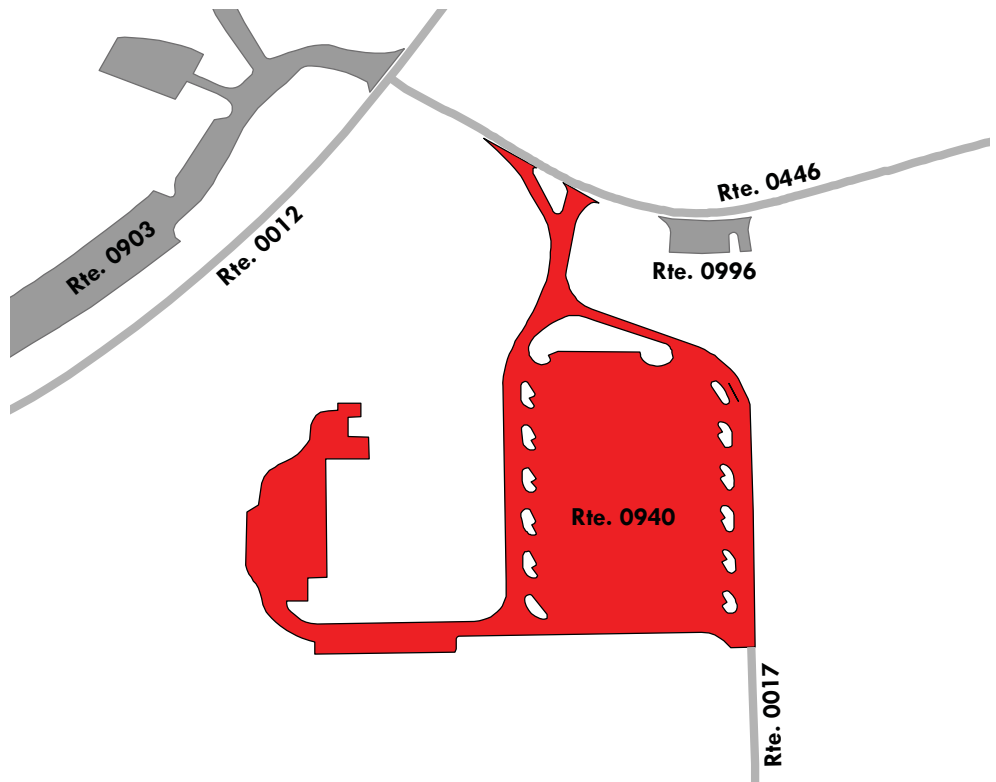
Route Condition Legend – Pavement Condition Rating (PCR)

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 143,462 square feet and 2 parts concrete at 3,899 square feet.



Grand Canyon National Park

ROUTE 0941: MATHER CAMPGROUND SERVICES PARKING

Manual Rating

FROM ROUTE 0271 (MATHER CAMPGROUND ACCESS ROAD)

TO PARKING

Inspection Date	FMSS Number	User Access	Surface Type
5/17/2016	58416	PUBLIC	ASPHALT
Area (Sq. Ft.)	Lane Miles (11' Widths)	Curb Reveal (Inches)	Curb Recommendation
28,780	0.496	NOT APPLICABLE	REPLACE
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)

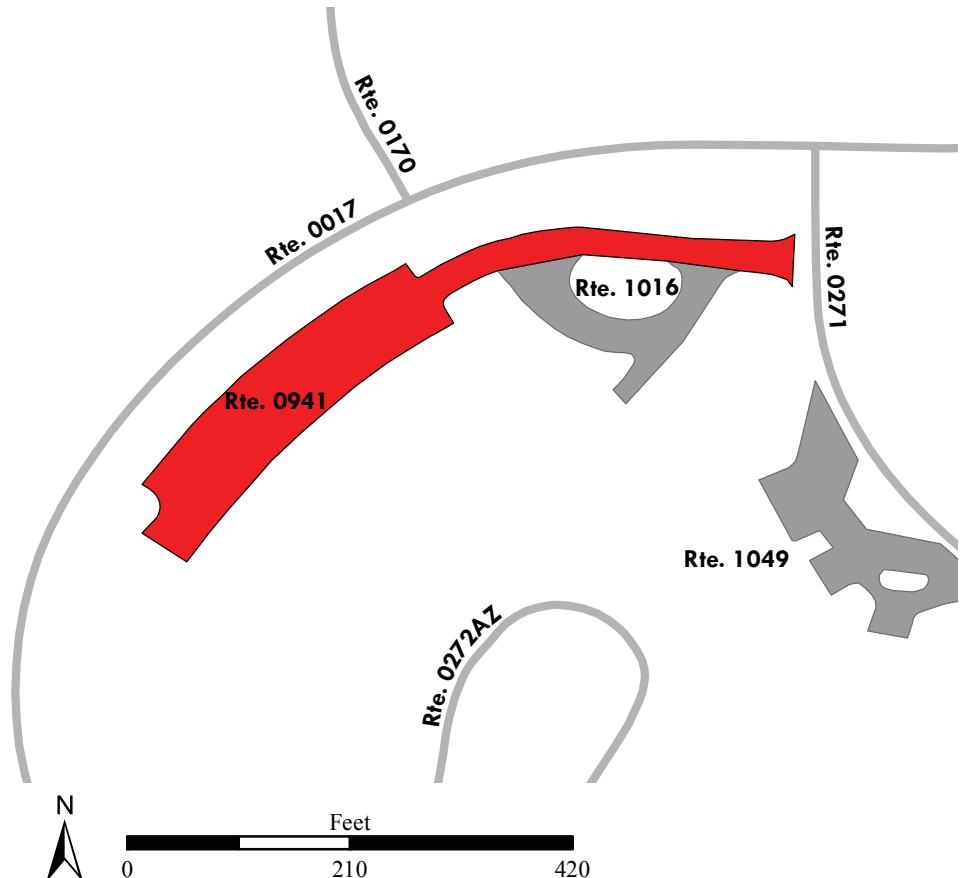
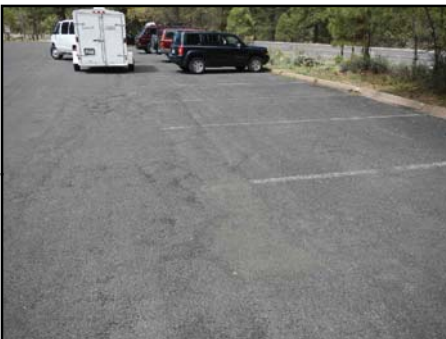
Fair (61- 84)

Good (85 - 94)

Excellent (95 - 100)

Not Rated

See Appendix for definitions and formulas



Grand Canyon National Park

ROUTE 0942: YAVAPAI EAST PARKING

Manual Rating

FROM ROUTE 0446 (YAVAPAI LODGE ROAD) AT MP 0.13 ON LEFT

TO ROUTE 0446 (YAVAPAI LODGE ROAD) AT MP 0.37 ON LEFT

Inspection Date	FMSS Number	User Access	Surface Type
5/17/2016	58417	PUBLIC	ASPHALT
Area (Sq. Ft.)	Lane Miles (11' Widths)	Curb Reveal (Inches)	Curb Recommendation
80,794	1.391	5	DO NOTHING
Curb Type		Curb & Gutter Type	
STONE		NO CURB AND GUTTER	
Pavement Recommendation		Condition Rating / PCR	
PREVENTIVE MAINTENANCE		GOOD / 90	

Route Condition Legend – Pavement Condition Rating (PCR)

Poor (0 - 60)

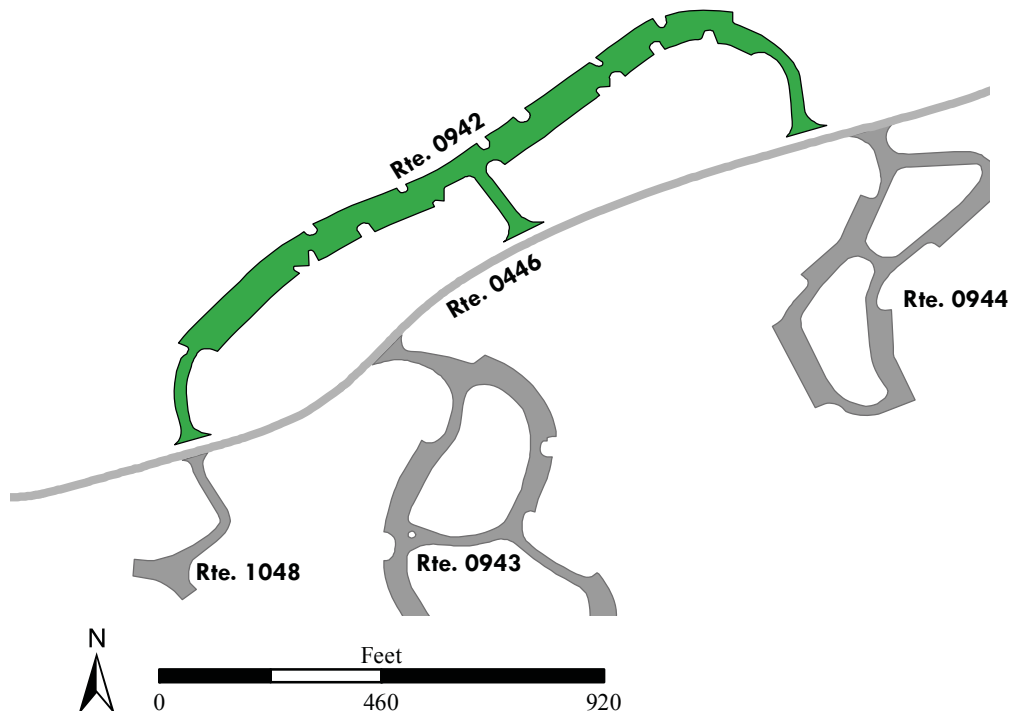
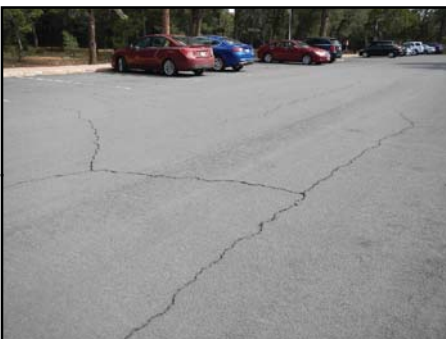
Fair (61- 84)

Good (85 - 94)

Excellent (95 - 100)

Not Rated

See Appendix for definitions and formulas



Grand Canyon National Park

ROUTE 0943: YAVAPAI WEST I PARKING

Manual Rating

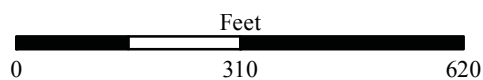
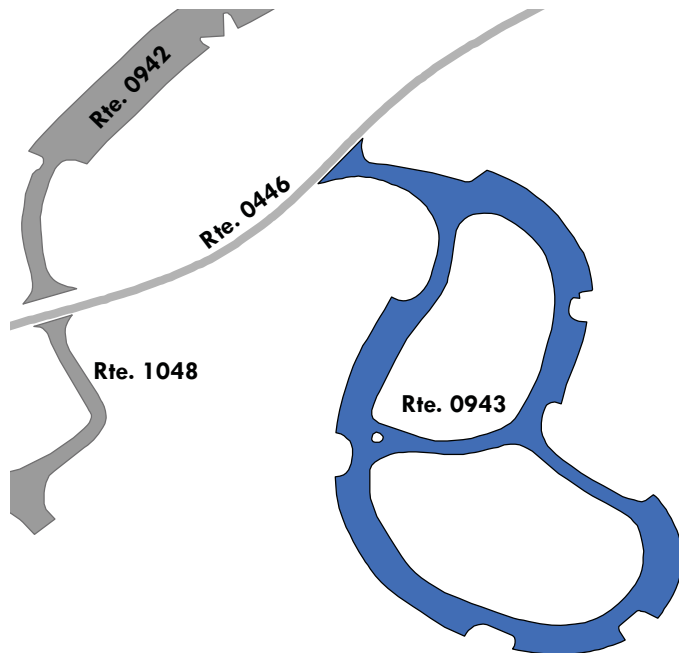
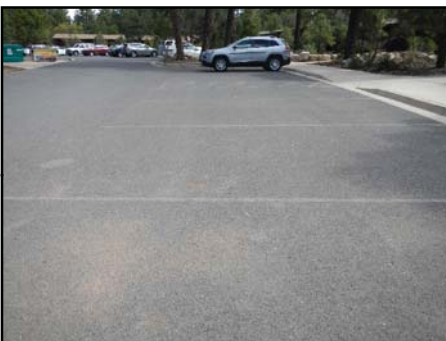
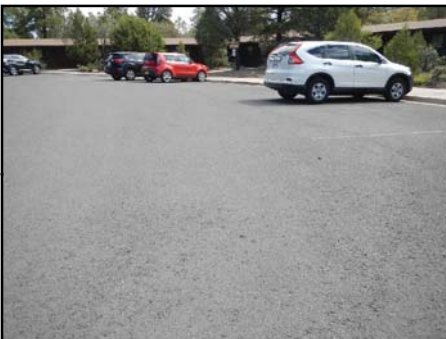
FROM ROUTE 0446 (YAVAPAI LODGE ROAD) ON RIGHT
TO PARKING

Inspection Date	FMSS Number	User Access	Surface Type
5/17/2016	58418	PUBLIC	ASPHALT
Area (Sq. Ft.)	Lane Miles (11' Widths)	Curb Reveal (Inches)	Curb Recommendation
63,317	1.09	NOT APPLICABLE	DO NOTHING
Curb Type		Curb & Gutter Type	
NO CURB		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
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See Appendix for definitions and formulas



Grand Canyon National Park

ROUTE 0944: YAVAPAI WEST II PARKING

Manual Rating

FROM ROUTE 0446 (YAVAPAI LODGE ROAD) ON RIGHT

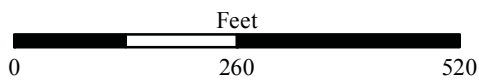
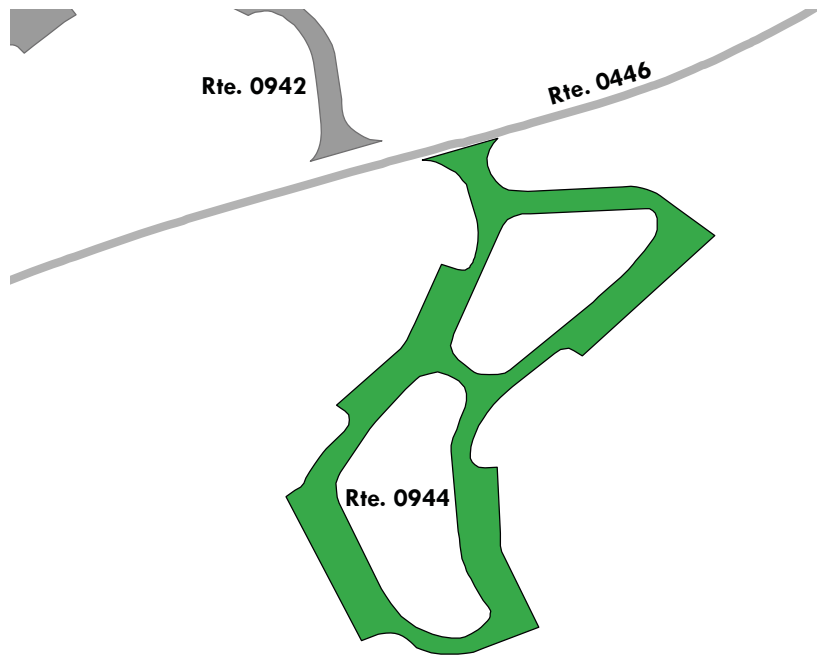
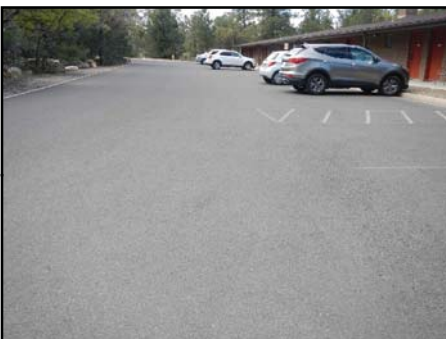
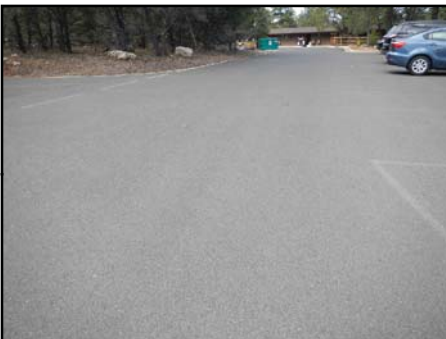
TO PARKING

Inspection Date	FMSS Number	User Access	Surface Type
5/17/2016	58419	PUBLIC	ASPHALT
Area (Sq. Ft.)	Lane Miles (11' Widths)	Curb Reveal (Inches)	Curb Recommendation
47,828	0.823	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



Grand Canyon National Park

ROUTE 0945: SECTION 1 PULLOUT PARKING

Manual Rating

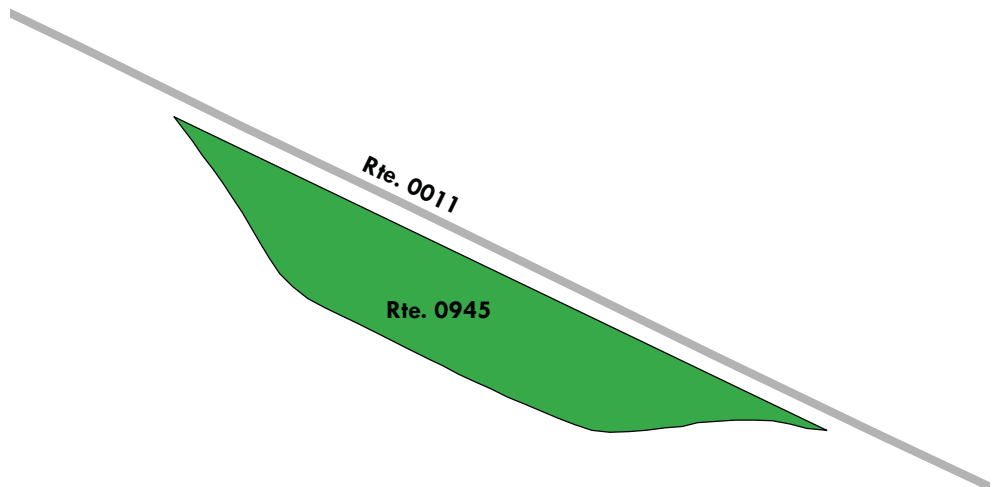
ADJACENT TO ROUTE 0011 (DESERT VIEW DRIVE) AT MP 0.13

Inspection Date	FMSS Number	User Access	Surface Type
5/17/2016	58420	PUBLIC	ASPHALT
Area (Sq. Ft.)	Lane Miles (11' Widths)	Curb Reveal (Inches)	Curb Recommendation
5,254	0.09	6	DO NOTHING
Curb Type		Curb & Gutter Type	
STONE		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



Grand Canyon National Park

ROUTE 0946: PIPE CREEK PARKING 1

Manual Rating

ADJACENT TO ROUTE 0011 (DESERT VIEW DRIVE) AT MP 0.71

Inspection Date	FMSS Number	User Access	Surface Type
5/18/2016	58421	PUBLIC	ASPHALT
Area (Sq. Ft.)	Lane Miles (11' Widths)	Curb Reveal (Inches)	Curb Recommendation
4,868	0.084	5	LIGHT REPAIR
Curb Type		Curb & Gutter Type	
STONE		NO CURB AND GUTTER	
Pavement Recommendation		Condition Rating / PCR	
PREVENTIVE MAINTENANCE		GOOD / 90	

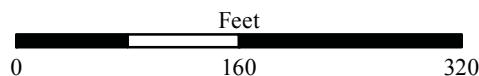
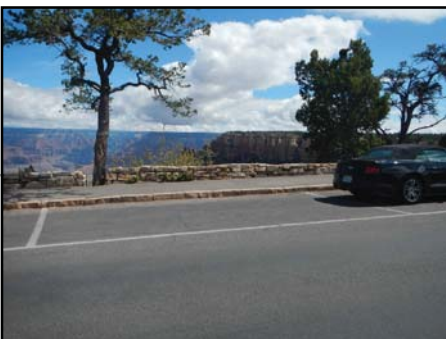
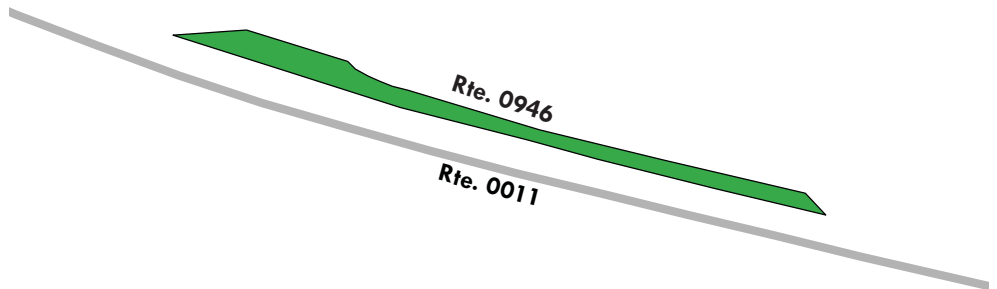
Route Condition Legend – Pavement Condition Rating (PCR)

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 3,643 square feet and 1 part concrete at 1,225 square feet.



Grand Canyon National Park

ROUTE 0947: PIPE CREEK PARKING 2

Manual Rating

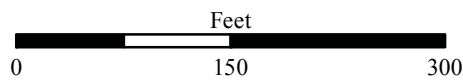
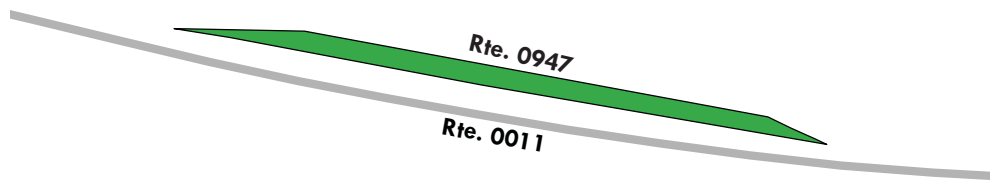
ADJACENT TO ROUTE 0011 (DESERT VIEW DRIVE) AT MP 0.87

Inspection Date	FMSS Number	User Access	Surface Type
5/18/2016	58430	PUBLIC	ASPHALT
Area (Sq. Ft.)	Lane Miles (11' Widths)	Curb Reveal (Inches)	Curb Recommendation
4,435	0.076	5	DO NOTHING
Curb Type		Curb & Gutter Type	
STONE		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



Grand Canyon National Park

ROUTE 0948: YAKI POINT PARKING

Manual Rating

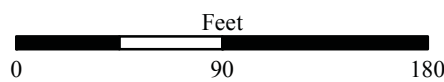
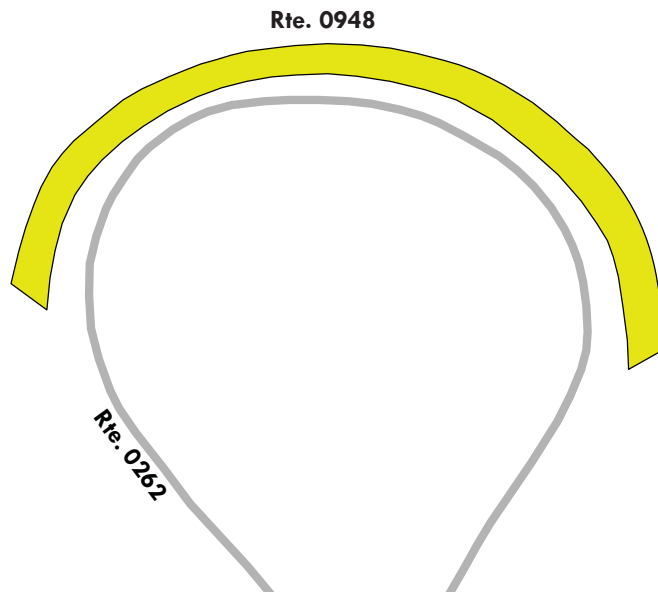
ADJACENT TO ROUTE 0262 (YAKI POINT ROAD)

Inspection Date	FMSS Number	User Access	Surface Type
5/18/2016	58433	PUBLIC	ASPHALT
Area (Sq. Ft.)	Lane Miles (11' Widths)	Curb Reveal (Inches)	Curb Recommendation
4,852	0.084	6	LIGHT REPAIR
Curb Type		Curb & Gutter Type	
STONE		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



Grand Canyon National Park

ROUTE 0949: KAIBAB TRAIL SERVICE ROAD PARKING

Manual Rating

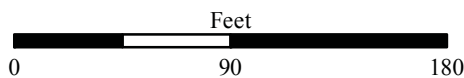
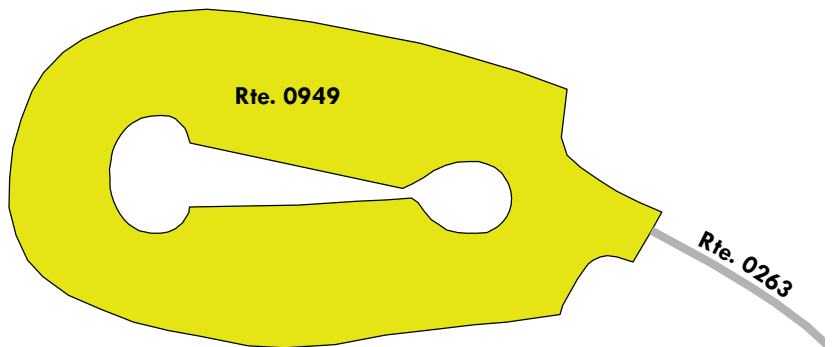
FROM END OF ROUTE 0263 (KAIBAB TRAIL ACCESS ROAD)
TO PARKING

Inspection Date	FMSS Number	User Access	Surface Type
5/18/2016	56628	PUBLIC	ASPHALT
Area (Sq. Ft.)	Lane Miles (11' Widths)	Curb Reveal (Inches)	Curb Recommendation
19,903	0.343	3	DO NOTHING
Curb Type		Curb & Gutter Type	
STONE		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



Grand Canyon National Park

ROUTE 0950: DUCK-ON-A-ROCK OVERLOOK PARKING

Manual Rating

FROM ROUTE 0011 (DESERT VIEW DRIVE) AT MP 3.89

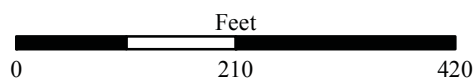
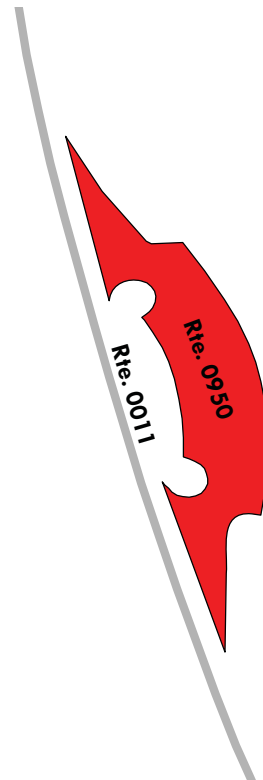
TO ROUTE 0011 (DESERT VIEW DRIVE) AT MP 3.96

Inspection Date	FMSS Number	User Access	Surface Type
5/18/2016	58436	PUBLIC	ASPHALT
Area (Sq. Ft.)	Lane Miles (11' Widths)	Curb Reveal (Inches)	Curb Recommendation
21,632	0.372	4	LIGHT REPAIR
Curb Type		Curb & Gutter Type	
STONE		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



Grand Canyon National Park

ROUTE 0951: TWIN OVERLOOK PARKING 1

Manual Rating

ADJACENT TO ROUTE 0011 (DESERT VIEW DRIVE) AT MP 4.75

Inspection Date	FMSS Number	User Access	Surface Type
5/18/2016	58438	PUBLIC	ASPHALT
Area (Sq. Ft.)	Lane Miles (11' Widths)	Curb Reveal (Inches)	Curb Recommendation
6,045	0.104	3	LIGHT REPAIR
Curb Type		Curb & Gutter Type	
STONE		NO CURB AND GUTTER	
Pavement Recommendation		Condition Rating / PCR	
PREVENTIVE MAINTENANCE		GOOD / 90	

Route Condition Legend – Pavement Condition Rating (PCR)

Poor (0 - 60)

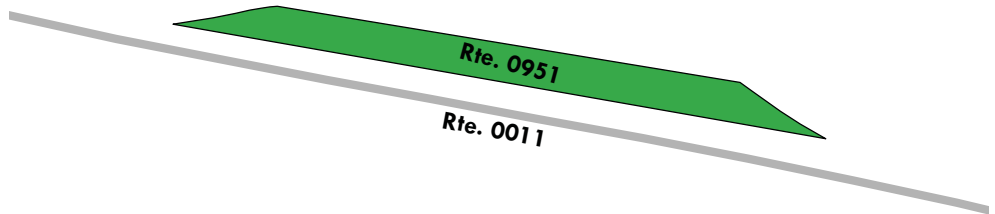
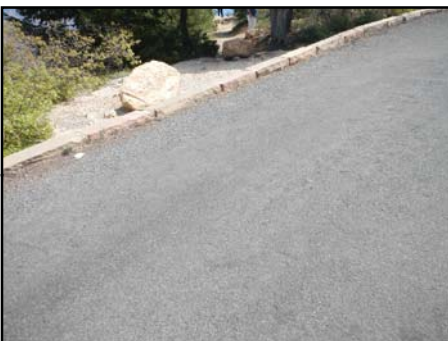
Fair (61- 84)

Good (85 - 94)

Excellent (95 - 100)

Not Rated

See Appendix for definitions and formulas



Grand Canyon National Park

ROUTE 0952: TWIN OVERLOOK PARKING 2

Manual Rating

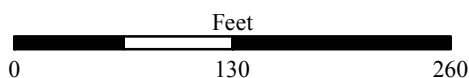
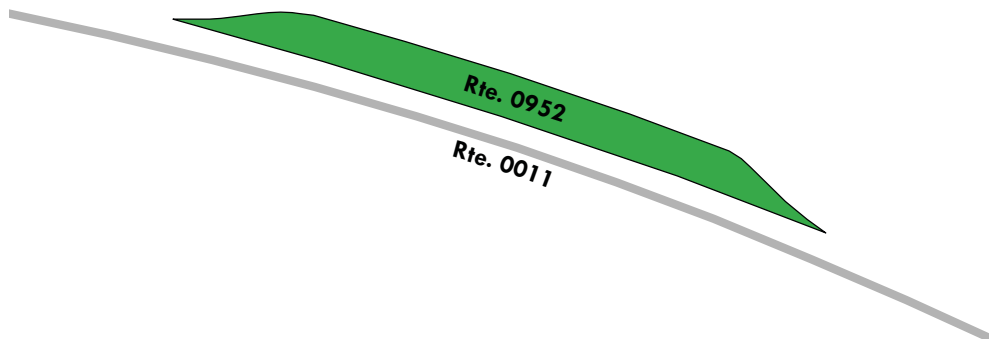
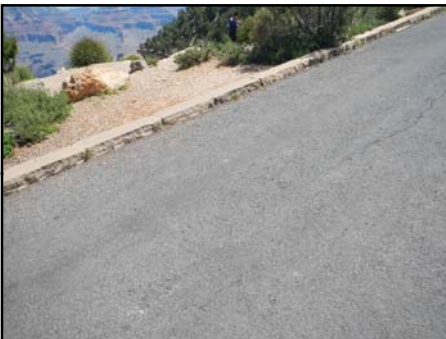
ADJACENT TO ROUTE 0011 (DESERT VIEW DRIVE) AT MP 4.83

Inspection Date	FMSS Number	User Access	Surface Type
5/18/2016	58441	PUBLIC	ASPHALT
Area (Sq. Ft.)	Lane Miles (11' Widths)	Curb Reveal (Inches)	Curb Recommendation
6,893	0.119	4	DO NOTHING
Curb Type		Curb & Gutter Type	
STONE		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



Grand Canyon National Park

ROUTE 0953: THOR'S HAMMER OVERLOOK PARKING

Manual Rating

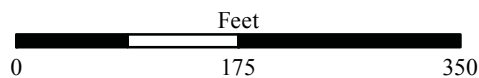
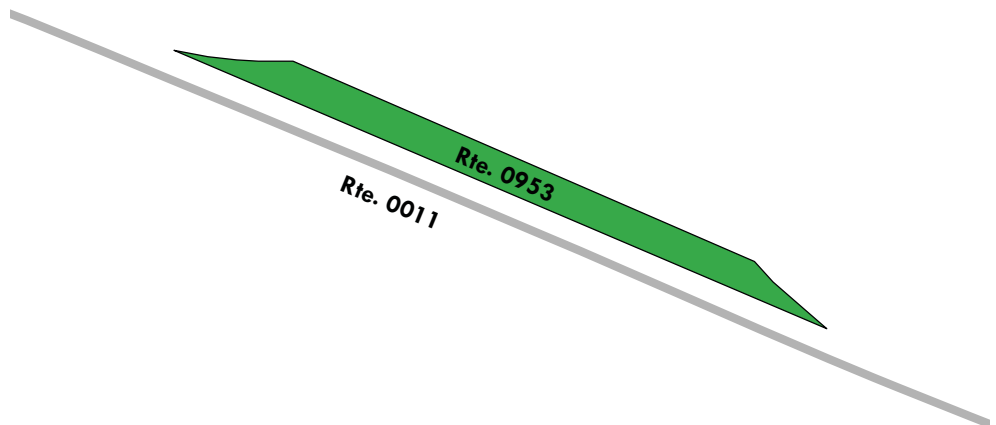
ADJACENT TO ROUTE 0011 (DESERT VIEW DRIVE) AT MP 6.61

Inspection Date	FMSS Number	User Access	Surface Type
5/18/2016	58444	PUBLIC	ASPHALT
Area (Sq. Ft.)	Lane Miles (11' Widths)	Curb Reveal (Inches)	Curb Recommendation
10,493	0.181	4	DO NOTHING
Curb Type		Curb & Gutter Type	
STONE		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



Grand Canyon National Park

ROUTE 0954: BUGGELN PICNIC AREA

Manual Rating

FROM ROUTE 0011 (DESERT VIEW DRIVE) AT MP 12.03 ON LEFT

TO PARKING

Inspection Date	FMSS Number	User Access	Surface Type
5/18/2016	58446	PUBLIC	ASPHALT
Area (Sq. Ft.)	Lane Miles (11' Widths)	Curb Reveal (Inches)	Curb Recommendation
12,500	0.215	6	DO NOTHING
Curb Type		Curb & Gutter Type	
STONE		NO CURB AND GUTTER	
Pavement Recommendation		Condition Rating / PCR	
PREVENTIVE MAINTENANCE		GOOD / 90	

Route Condition Legend – Pavement Condition Rating (PCR)

Poor (0 - 60)

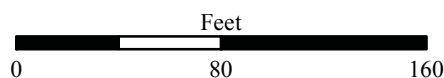
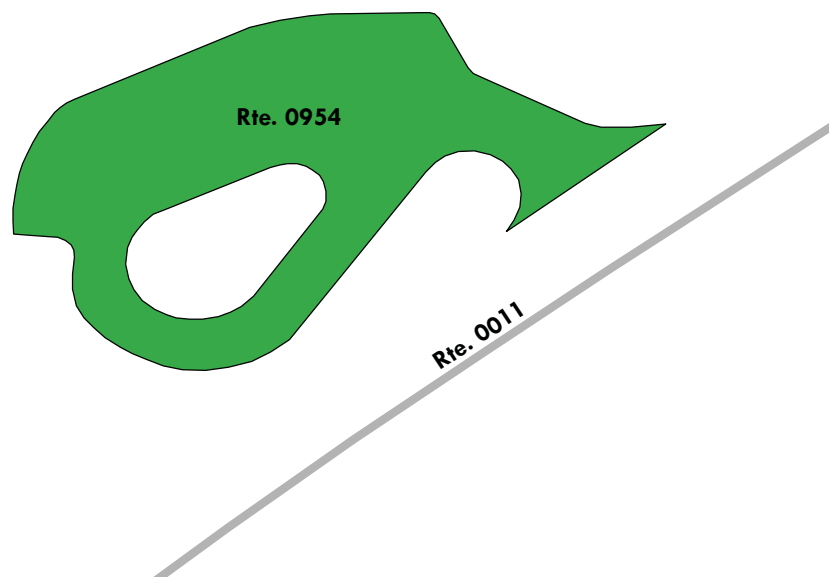
Fair (61- 84)

Good (85 - 94)

Excellent (95 - 100)

Not Rated

See Appendix for definitions and formulas



Grand Canyon National Park

ROUTE 0955: NO-NAME POINT PARKING

Manual Rating

FROM ROUTE 0011 (DESERT VIEW DRIVE) AT MP 19.45

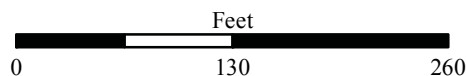
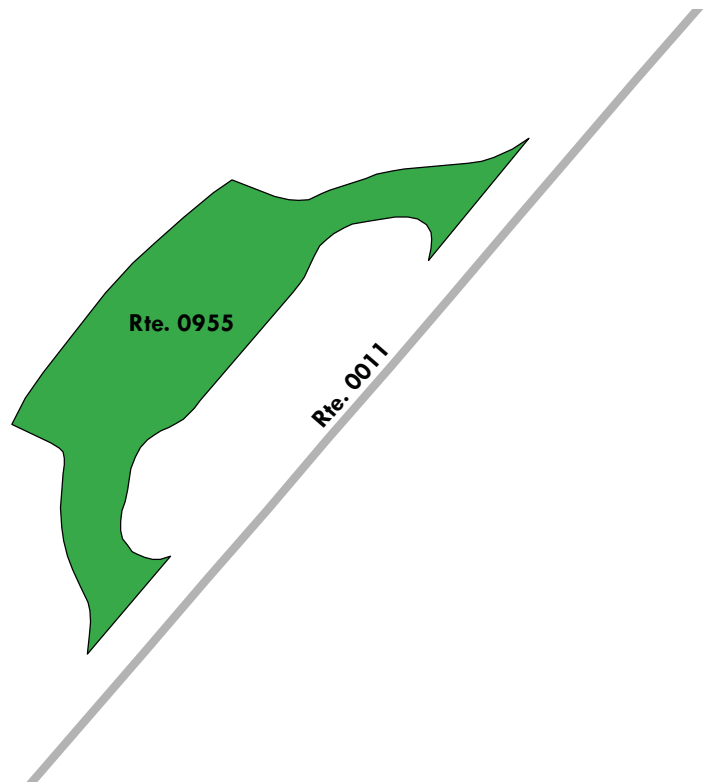
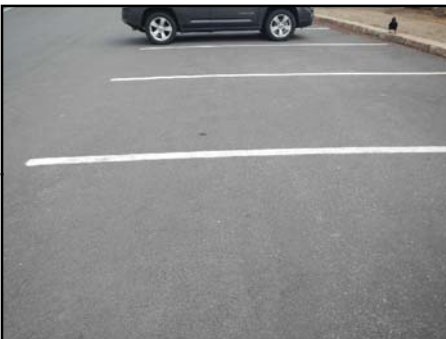
TO ROUTE 0011 (DESERT VIEW DRIVE) AT MP 19.51

Inspection Date	FMSS Number	User Access	Surface Type
5/18/2016	58447	PUBLIC	ASPHALT
Area (Sq. Ft.)	Lane Miles (11' Widths)	Curb Reveal (Inches)	Curb Recommendation
18,458	0.318	7	DO NOTHING
Curb Type		Curb & Gutter Type	
STONE		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



Grand Canyon National Park

ROUTE 0956: NAVAJO POINT PARKING

Manual Rating

FROM ROUTE 0011 (DESERT VIEW DRIVE) AT MP 20.87

TO PARKING

Inspection Date	FMSS Number	User Access	Surface Type
5/18/2016	58448	PUBLIC	ASPHALT
Area (Sq. Ft.)	Lane Miles (11' Widths)	Curb Reveal (Inches)	Curb Recommendation
27,120	0.467	5	DO NOTHING
Curb Type		Curb & Gutter Type	
STONE		NO CURB AND GUTTER	
Pavement Recommendation		Condition Rating / PCR	
PREVENTIVE MAINTENANCE		GOOD / 90	

Route Condition Legend – Pavement Condition Rating (PCR)

Poor (0 - 60)

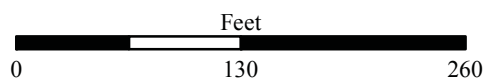
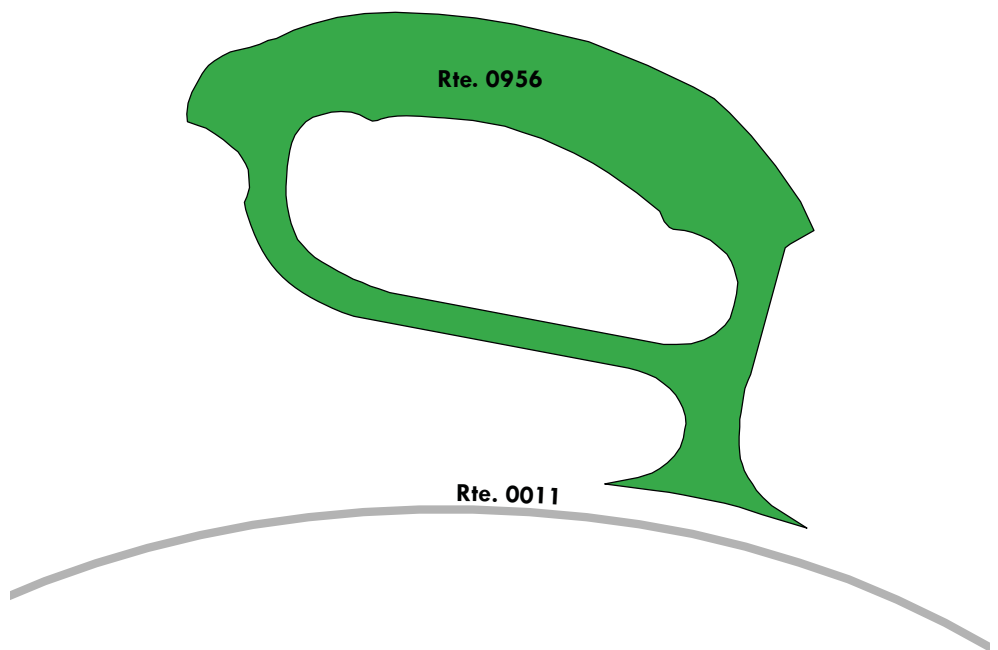
Fair (61- 84)

Good (85 - 94)

Excellent (95 - 100)

Not Rated

See Appendix for definitions and formulas



Grand Canyon National Park

ROUTE 0958: DESERT VIEW GAS STATION

Manual Rating

FROM ROUTE 0171 (DESERT VIEW GAS STATION ACCESS ROAD)

TO ROUTE 0270 (DESERT VIEW CAMPGROUND)

Inspection Date	FMSS Number	User Access	Surface Type
5/18/2016	58452	PUBLIC	ASPHALT
Area (Sq. Ft.)	Lane Miles (11' Widths)	Curb Reveal (Inches)	Curb Recommendation
26,761	0.461	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)

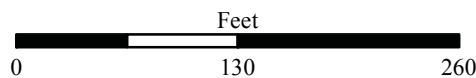
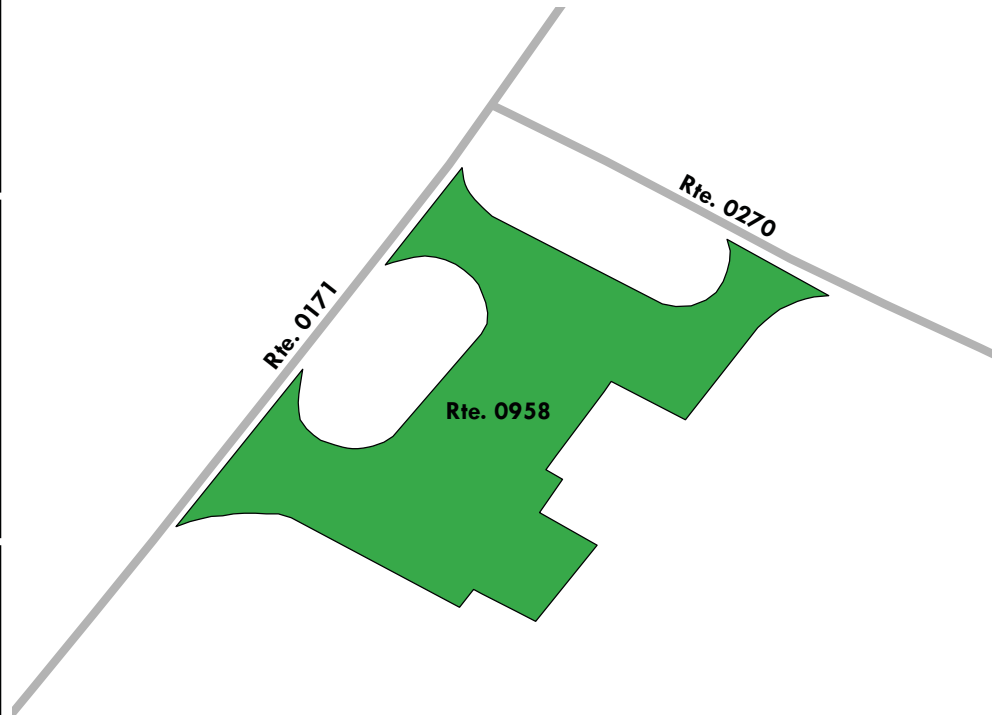
Excellent (95 - 100)

Not Rated

See Appendix for definitions and formulas



Parking area consists of multiple surface types; 1 part asphalt at 23,506 square feet and 2 parts concrete at 3,255 square feet.



Grand Canyon National Park

ROUTE 0959: DESERT VIEW RANGER AND MAINTENANCE PARKING

Manual Rating

FROM ROUTE 0461ZZ (EAST ENTRANCE RESIDENCE ROADS)

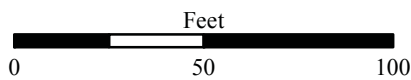
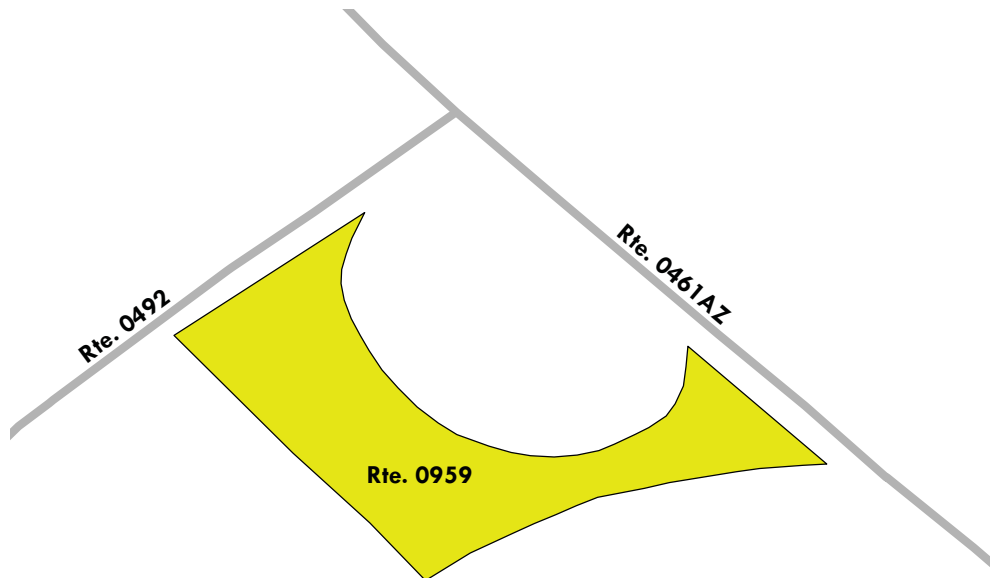
TO ROUTE 0492 (DESERT VIEW MAINTENANCE / RANGER STATION ROAD)

Inspection Date	FMSS Number	User Access	Surface Type
5/18/2016	58453	PUBLIC	ASPHALT
Area (Sq. Ft.)	Lane Miles (11' Widths)	Curb Reveal (Inches)	Curb Recommendation
3,829	0.066	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



Grand Canyon National Park

ROUTE 0960: NORTH RIM ENTRANCE PARKING

Manual Rating

FROM ROUTE 0014 (NORTH ENTRANCE ROAD (HWY 67)) AT MP 0.18 ON LEFT

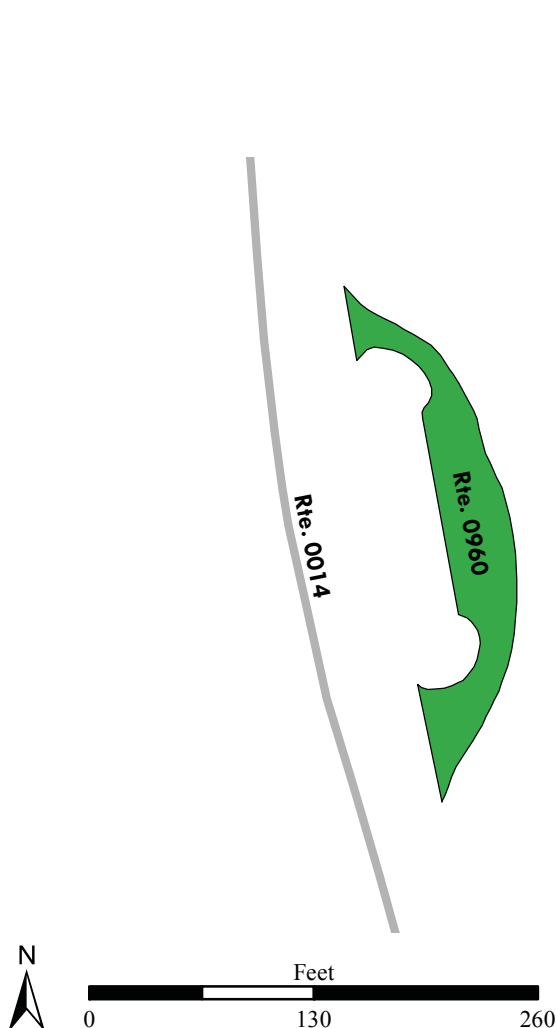
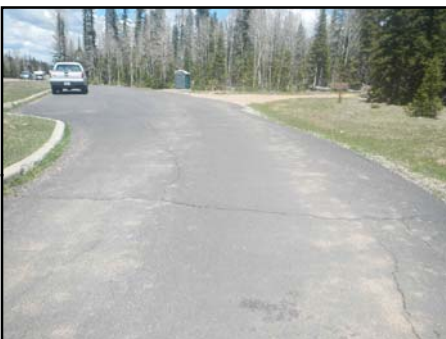
TO ROUTE 0014 (NORTH ENTRANCE ROAD (HWY 67)) AT MP 0.23

Inspection Date	FMSS Number	User Access	Surface Type
5/19/2016	58455	PUBLIC	ASPHALT
Area (Sq. Ft.)	Lane Miles (11' Widths)	Curb Reveal (Inches)	Curb Recommendation
6,642	0.114	5	LIGHT REPAIR
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



Grand Canyon National Park

ROUTE 0961: NORTH RIM FOREST PARKING (PICNIC AREA)

Manual Rating

FROM ROUTE 0014 (NORTH ENTRANCE ROAD (HWY 67)) AT MP 4.01 ON LEFT

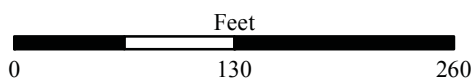
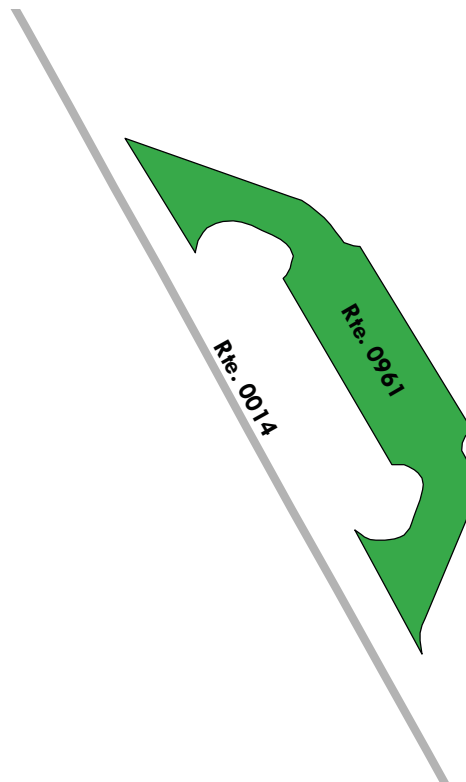
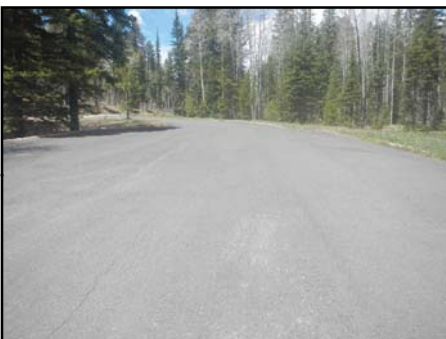
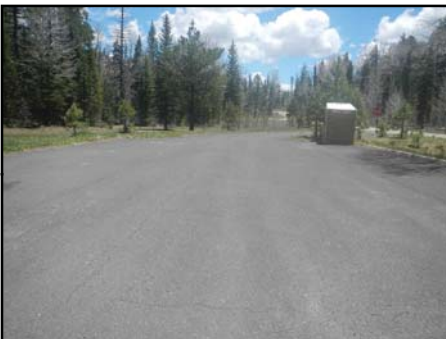
TO ROUTE 0014 (NORTH ENTRANCE ROAD (HWY 67)) AT MP 4.06 ON LEFT

Inspection Date	FMSS Number	User Access	Surface Type
5/19/2016	58456	PUBLIC	ASPHALT
Area (Sq. Ft.)	Lane Miles (11' Widths)	Curb Reveal (Inches)	Curb Recommendation
11,040	0.19	4	DO NOTHING
Curb Type		Curb & Gutter Type	
CONCRETE		NO CURB AND GUTTER	
Pavement Recommendation		Condition Rating / PCR	
PREVENTIVE MAINTENANCE		GOOD / 90	

Route Condition Legend – Pavement Condition Rating (PCR)

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



Grand Canyon National Park

ROUTE 0963: KAIBAB TRAILHEAD PARKING

Manual Rating

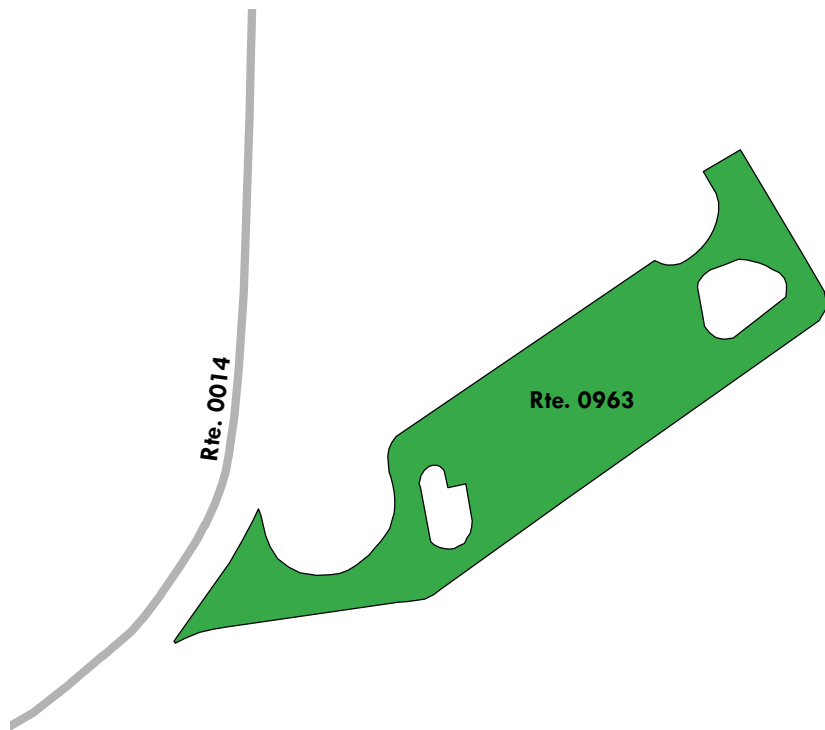
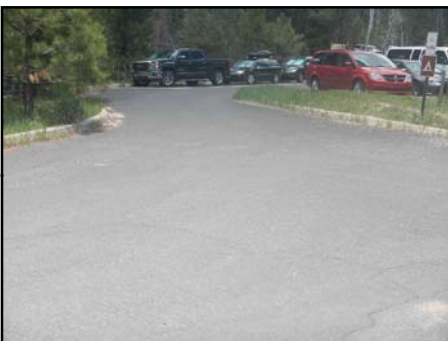
FROM ROUTE 0014 (NORTH ENTRANCE ROAD (HWY 67)) AT MP 10.68 ON LEFT
TO ROUTE 0406 (MULE CORRAL AND MAINTENANCE AREA)

Inspection Date	FMSS Number	User Access	Surface Type
5/19/2016	58457	PUBLIC	ASPHALT
Area (Sq. Ft.)	Lane Miles (11' Widths)	Curb Reveal (Inches)	Curb Recommendation
27,489	0.473	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



Grand Canyon National Park

ROUTE 0965ZZ: GRAND CANYON LODGE PARKING AREAS

Summary Route
Manual Rating

FROM ROUTE 0014 (NORTH ENTRANCE ROAD (HWY 67))
TO PARKING

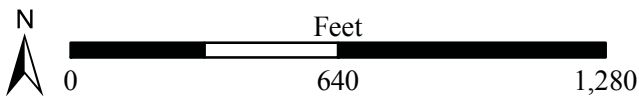
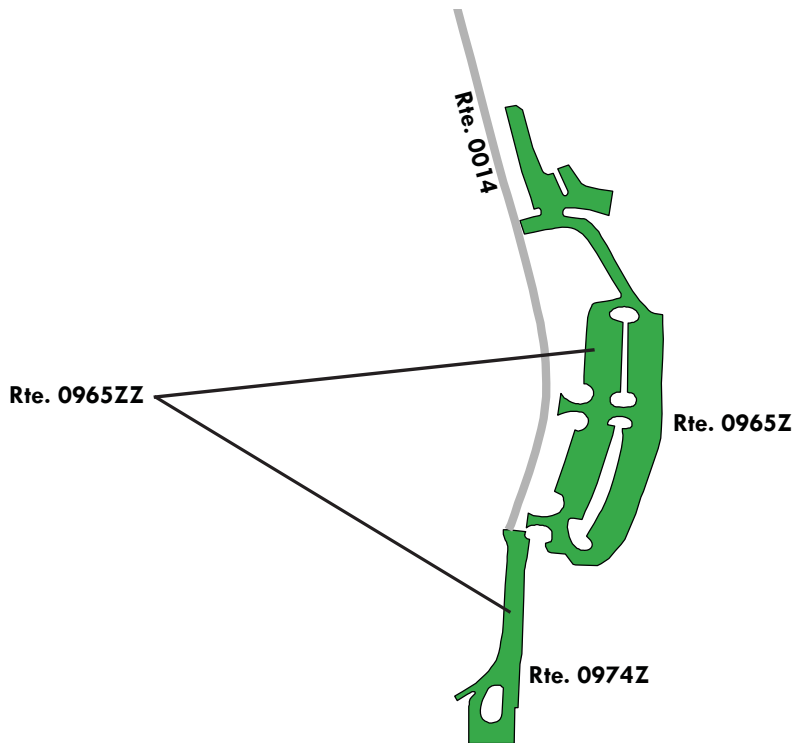
Inspection Date	FMSS Number	User Access	Surface Type
5/19/2016	58459	PUBLIC	ASPHALT
Area (Sq. Ft.)	Lane Miles (11' Widths)	Condition Rating / PCR	
132,454	2.281	SUMMARY / 90	

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.



Grand Canyon National Park

ROUTE 0965Z: NORTH RIM VISITOR CENTER PARKING

Subcomponent of Route GRCA-0965ZZ
Manual Rating

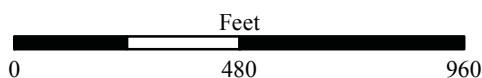
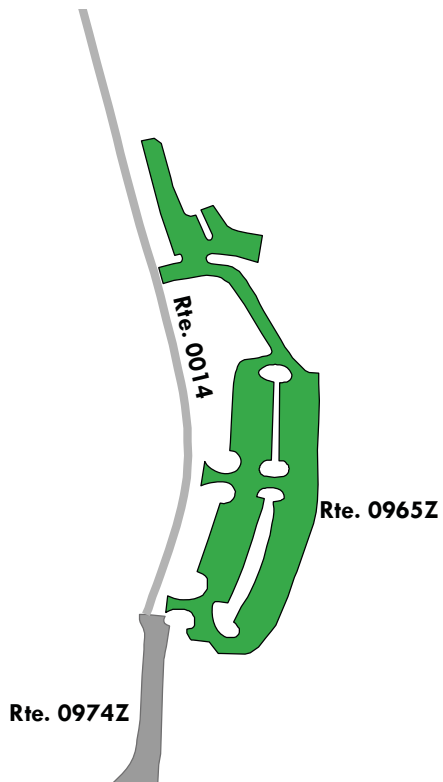
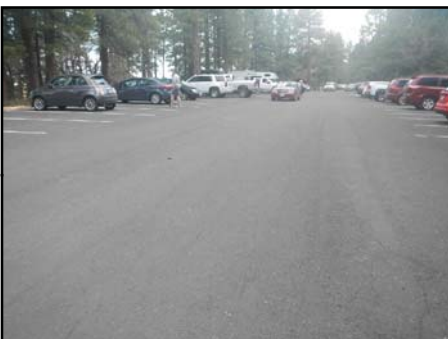
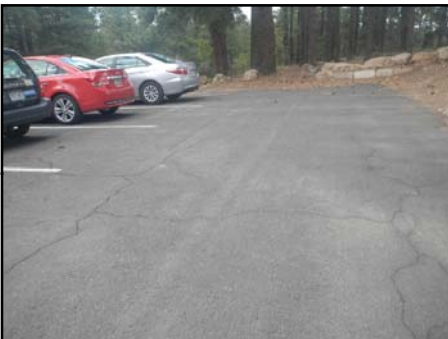
FROM ROUTE 0014 (NORTH ENTRANCE ROAD (HWY 67)) AT MP 12.61 ON LEFT
TO ROUTE 0014 (NORTH ENTRANCE ROAD (HWY 67))

Inspection Date	FMSS Number	User Access	Surface Type
5/19/2016	58459	PUBLIC	ASPHALT
Area (Sq. Ft.)	Lane Miles (11' Widths)	Curb Reveal (Inches)	Curb Recommendation
106,808	1.839	4	DO NOTHING
Curb Type		Curb & Gutter Type	
STONE		NO CURB AND GUTTER	
Pavement Recommendation		Condition Rating / PCR	
PREVENTIVE MAINTENANCE		GOOD / 90	

Route Condition Legend – Pavement Condition Rating (PCR)



See Appendix for definitions and formulas



Grand Canyon National Park

ROUTE 0974Z: GRAND CANYON LODGE PARKING

Subcomponent of Route GRCA-0965ZZ
Manual Rating

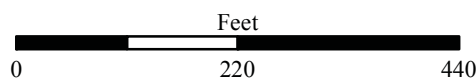
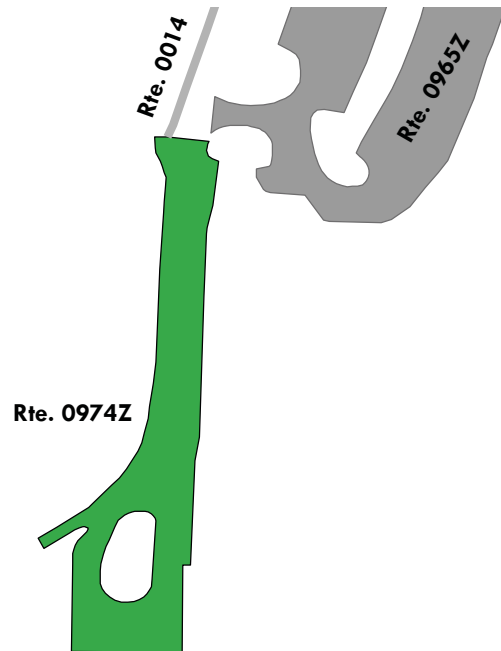
FROM END OF ROUTE 0014 (NORTH ENTRANCE ROAD (HWY 67))
 TO PARKING

Inspection Date	FMSS Number	User Access	Surface Type
5/19/2016	58459	PUBLIC	ASPHALT
Area (Sq. Ft.)	Lane Miles (11' Widths)	Curb Reveal (Inches)	Curb Recommendation
25,646	0.442	5	DO NOTHING
Curb Type		Curb & Gutter Type	
STONE		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



Grand Canyon National Park

ROUTE 0966: MIXED BLESSINGS PARKING

Manual Rating

FROM ROUTE 0013 (CAPE ROYAL ROAD) AT MP 3.79

TO ROUTE 0013 (CAPE ROYAL ROAD) AT MP 3.82

Inspection Date	FMSS Number	User Access	Surface Type
5/19/2016	58460	PUBLIC	ASPHALT
Area (Sq. Ft.)	Lane Miles (11' Widths)	Curb Reveal (Inches)	Curb Recommendation
4,917	0.085	6	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)

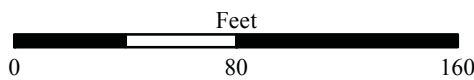
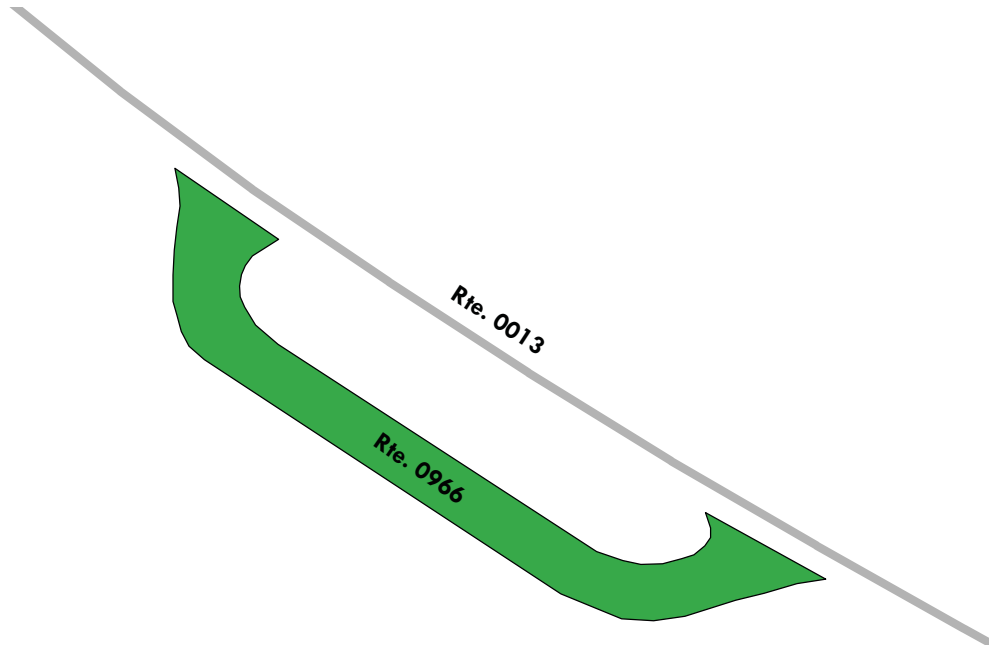
Fair (61- 84)

Good (85 - 94)

Excellent (95 - 100)

Not Rated

See Appendix for definitions and formulas



Grand Canyon National Park

ROUTE 0967: POINT IMPERIAL PARKING

Manual Rating

FROM END OF ROUTE 0010 (POINT IMPERIAL ROAD)

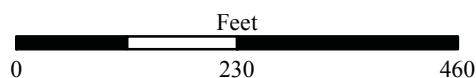
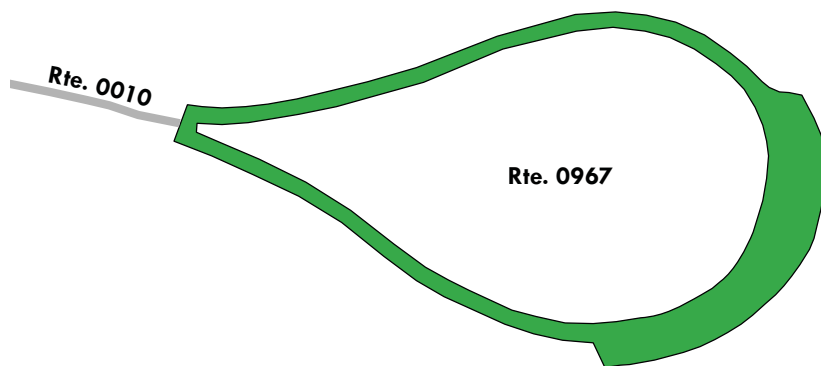
TO PARKING

Inspection Date	FMSS Number	User Access	Surface Type
5/19/2016	58462	PUBLIC	ASPHALT
Area (Sq. Ft.)	Lane Miles (11' Widths)	Curb Reveal (Inches)	Curb Recommendation
32,095	0.553	6	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

See Appendix for definitions and formulas



Grand Canyon National Park

ROUTE 0968: VISTA ENCANTADA/PICNIC AREA

Manual Rating

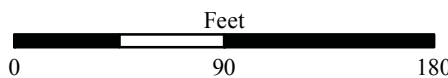
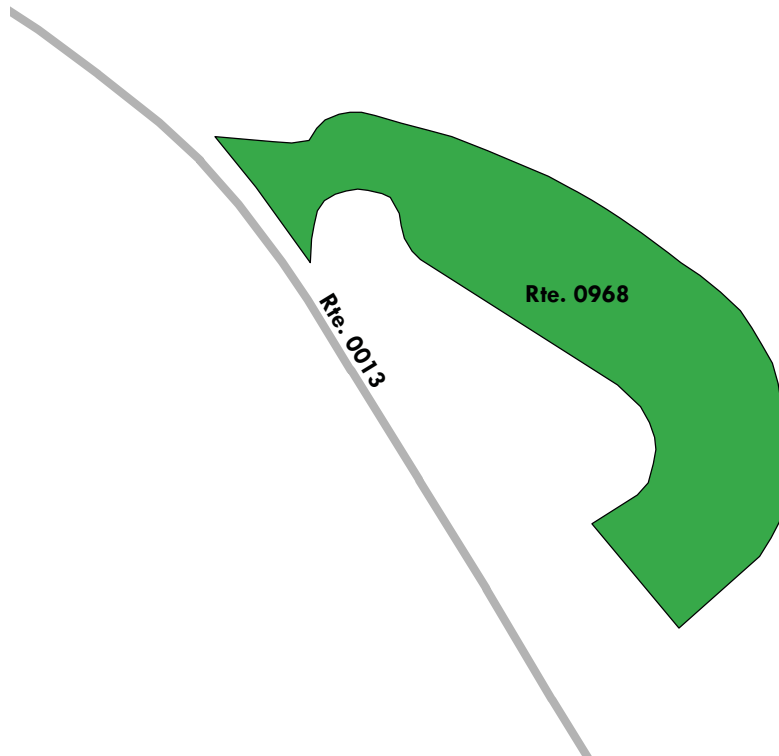
FROM ROUTE 0013 (CAPE ROYAL ROAD) AT MP 10.05
TO PARKING

Inspection Date	FMSS Number	User Access	Surface Type
5/19/2016	58465	PUBLIC	ASPHALT
Area (Sq. Ft.)	Lane Miles (11' Widths)	Curb Reveal (Inches)	Curb Recommendation
13,811	0.238	6	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



Grand Canyon National Park

ROUTE 0969: ROOSEVELT POINT PARKING

Manual Rating

FROM ROUTE 0013 (CAPE ROYAL ROAD) AT MP 11.75

TO ROUTE 0013 (CAPE ROYAL ROAD) AT MP 11.78

Inspection Date	FMSS Number	User Access	Surface Type
5/19/2016	58467	PUBLIC	ASPHALT
Area (Sq. Ft.)	Lane Miles (11' Widths)	Curb Reveal (Inches)	Curb Recommendation
5,295	0.091	6	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)

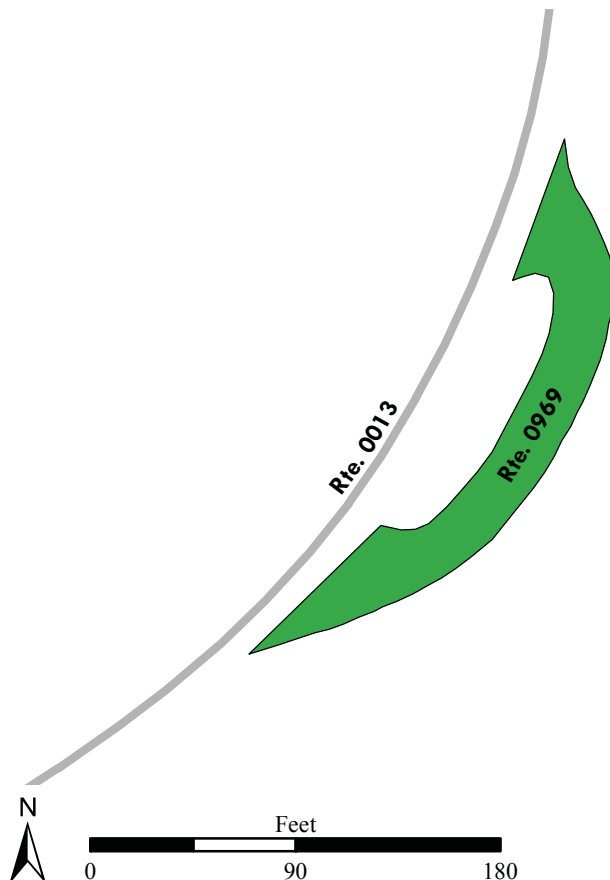
Fair (61- 84)

Good (85 - 94)

Excellent (95 - 100)

Not Rated

See Appendix for definitions and formulas



Grand Canyon National Park

ROUTE 0970: WAHALLA PLATEAU OVERLOOK PARKING

Manual Rating

FROM ROUTE 0013 (CAPE ROYAL ROAD) AT MP 18.23

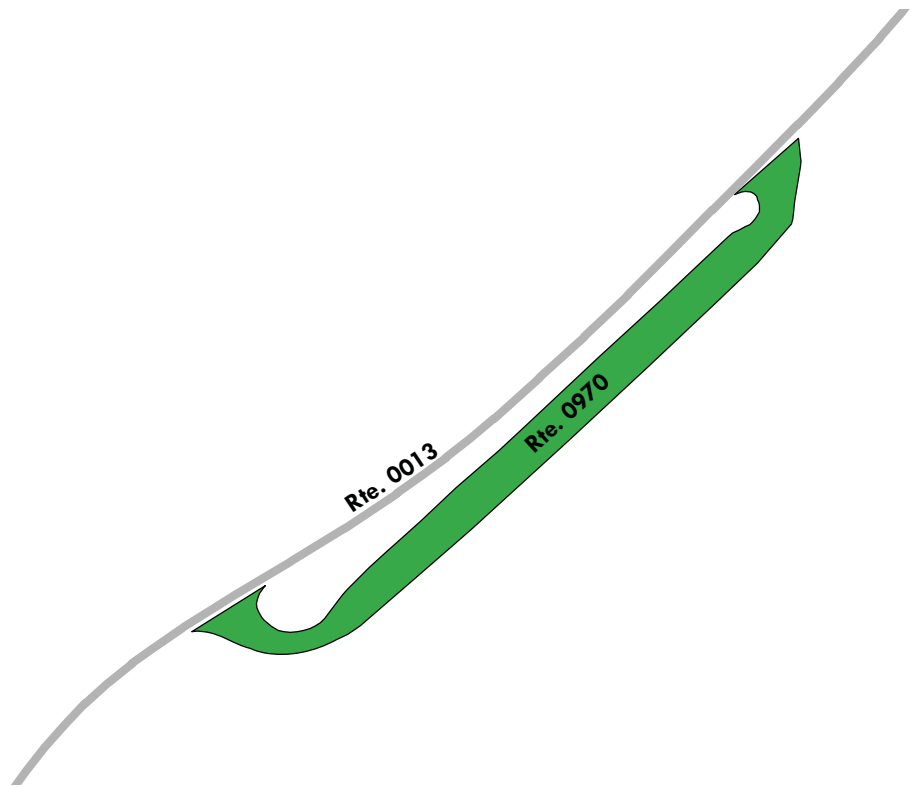
TO ROUTE 0013 (CAPE ROYAL ROAD) AT MP 18.35

Inspection Date	FMSS Number	User Access	Surface Type
5/19/2016	58468	PUBLIC	ASPHALT
Area (Sq. Ft.)	Lane Miles (11' Widths)	Curb Reveal (Inches)	Curb Recommendation
22,058	0.38	6	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



Grand Canyon National Park

ROUTE 0971: GAS STATION PARKING

Manual Rating

FROM ROUTE 0201 (NORTH RIM CAMPGROUND ROAD) AT MP 0.05 ON RIGHT

TO ROUTE 0201 (NORTH RIM CAMPGROUND ROAD) AT MP 0.07 ON RIGHT

Inspection Date	FMSS Number	User Access	Surface Type
5/19/2016	58469	PUBLIC	ASPHALT
Area (Sq. Ft.)	Lane Miles (11' Widths)	Curb Reveal (Inches)	Curb Recommendation
10,646	0.183	12	DO NOTHING
Curb Type		Curb & Gutter Type	
STONE		NO CURB AND GUTTER	
Pavement Recommendation		Condition Rating / PCR	
PREVENTIVE MAINTENANCE		GOOD / 90	

Route Condition Legend – Pavement Condition Rating (PCR)

Poor (0 - 60)

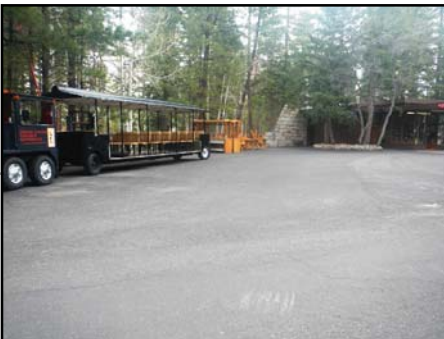
Fair (61- 84)

Good (85 - 94)

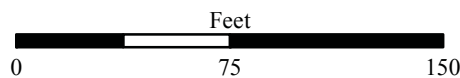
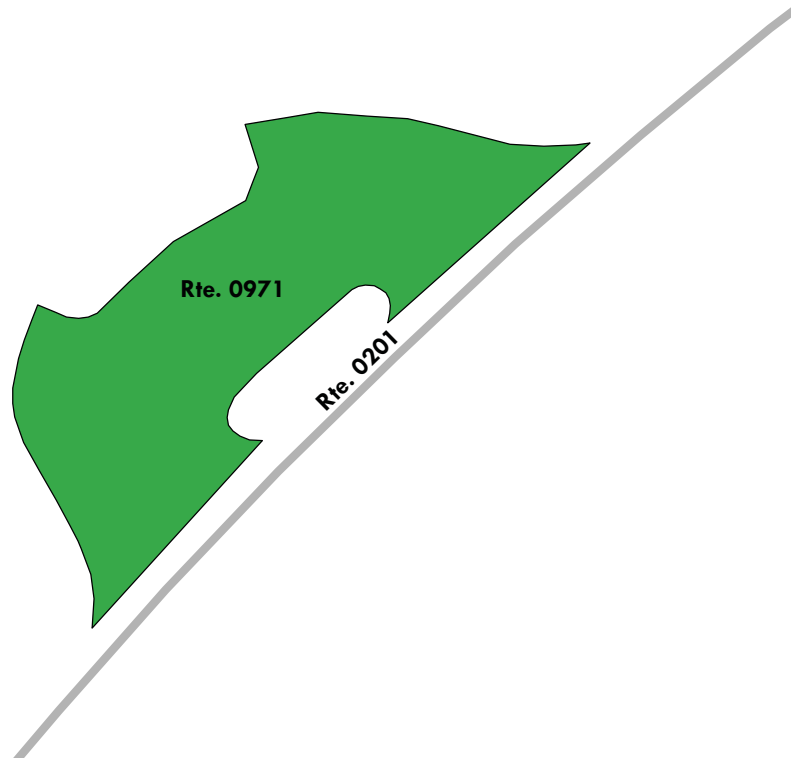
Excellent (95 - 100)

Not Rated

See Appendix for definitions and formulas



Parking area consists of multiple surface types; 2 parts asphalt at 8,945 square feet and 2 parts concrete at 1,701 square feet.



Grand Canyon National Park

ROUTE 0972: NORTH RIM CAMPGROUND SHOWERS & LAUNDRYMAT PARKING

Manual Rating

ADJACENT TO ROUTE 0201 (NORTH RIM CAMPGROUND ROAD)

Inspection Date	FMSS Number	User Access	Surface Type
5/19/2016	58470	PUBLIC	ASPHALT
Area (Sq. Ft.)	Lane Miles (11' Widths)	Curb Reveal (Inches)	Curb Recommendation
4,664	0.08	4	DO NOTHING
Curb Type		Curb & Gutter Type	
STONE		NO CURB AND GUTTER	
Pavement Recommendation		Condition Rating / PCR	
PREVENTIVE MAINTENANCE		GOOD / 90	

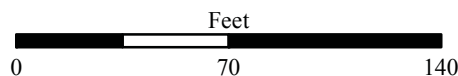
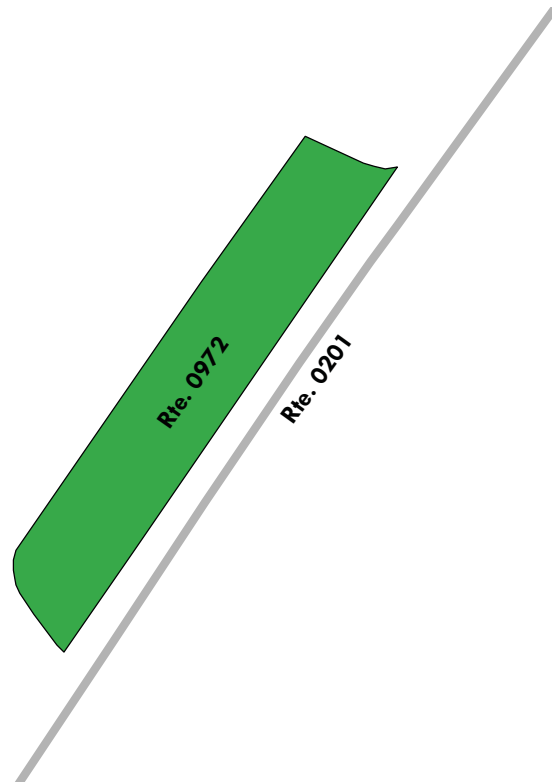
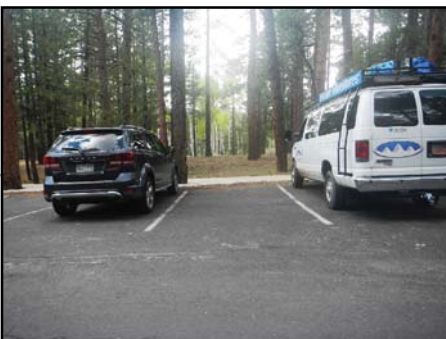
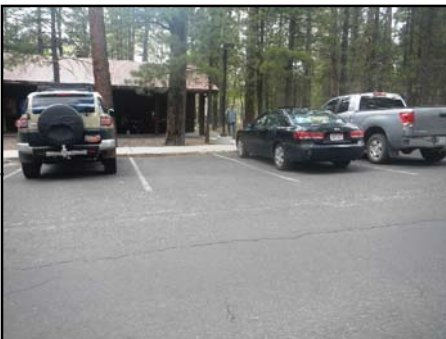
Route Condition Legend – Pavement Condition Rating (PCR)

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



Parking area consists of multiple surface types; 1 part asphalt at 3,572 square feet and 1 part concrete at 1,092 square feet.



Grand Canyon National Park

ROUTE 0973: NORTH RIM CAMPGROUND GENERAL STORE PARKING

Manual Rating

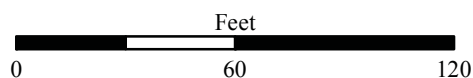
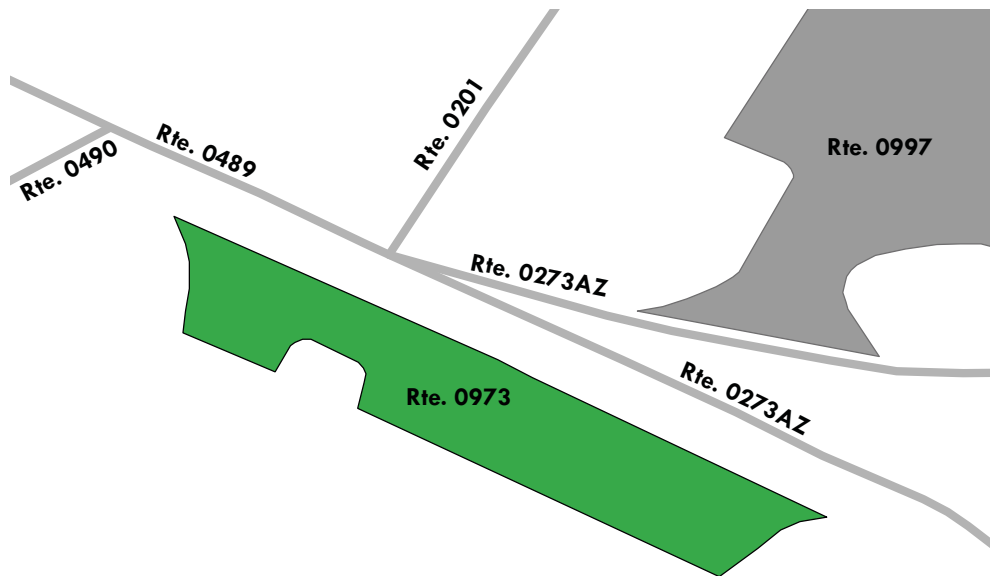
ADJACENT TO ROUTE 0273ZZ (NORTH RIM CAMPGROUND ROADS)

Inspection Date	FMSS Number	User Access	Surface Type
5/19/2016	58472	PUBLIC	ASPHALT
Area (Sq. Ft.)	Lane Miles (11' Widths)	Curb Reveal (Inches)	Curb Recommendation
3,730	0.064	4	DO NOTHING
Curb Type		Curb & Gutter Type	
STONE		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



Grand Canyon National Park

ROUTE 0975ZZ: NORTH RIM RESIDENCE PARKING AREAS

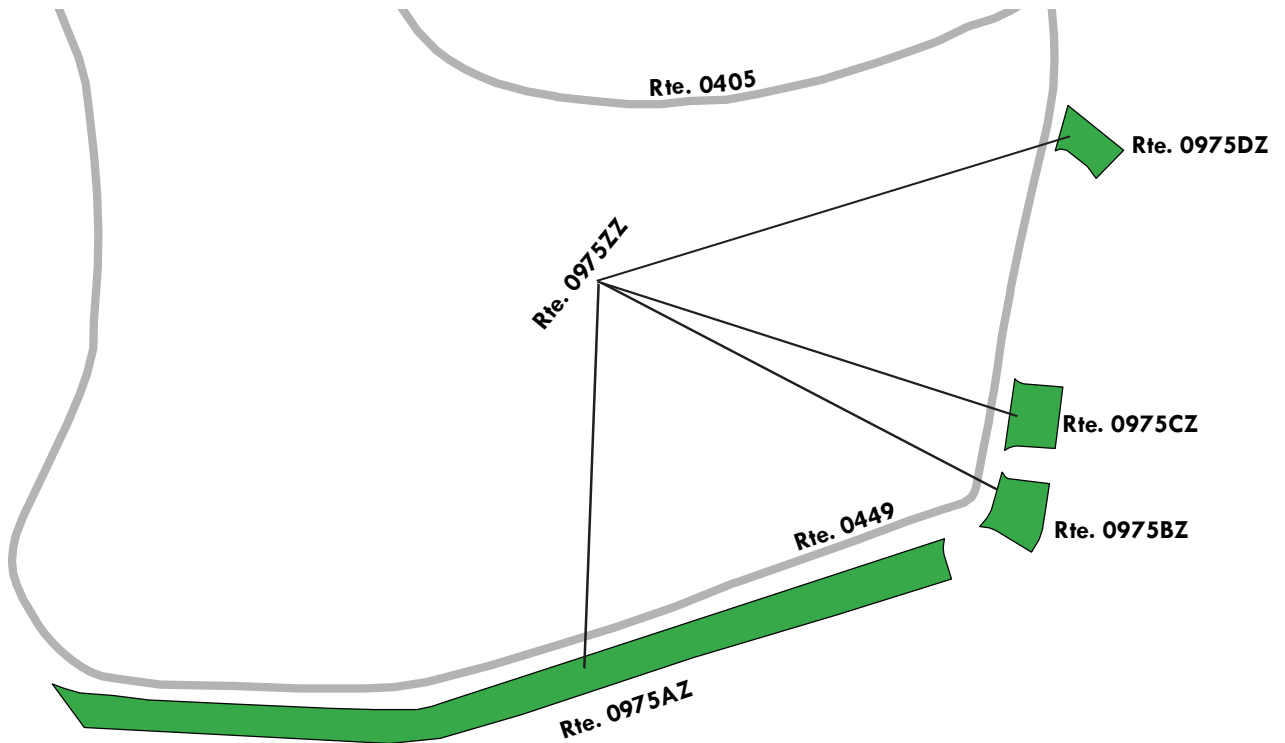
Summary Route
Manual Rating

ADJACENT TO ROUTE 0449 (NORTH RIM RESIDENCE LOOP)

Inspection Date	FMSS Number	User Access	Surface Type
5/19/2016	58475	PUBLIC	ASPHALT
Area (Sq. Ft.)	Lane Miles (11' Widths)	Condition Rating / PCR	
7,920	0.137	SUMMARY / 90	

Route Condition Legend – Pavement Condition Rating (PCR)				
Poor (0 - 60)	Fair (61- 84)	Good (85 - 94)	Excellent (95 - 100)	Not Rated
See Appendix for definitions and formulas				

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



Grand Canyon National Park

ROUTE 0975AZ: NORTH RIM RESIDENCE PARKING A

Subcomponent of Route GRCA-0975ZZ
Manual Rating

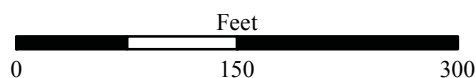
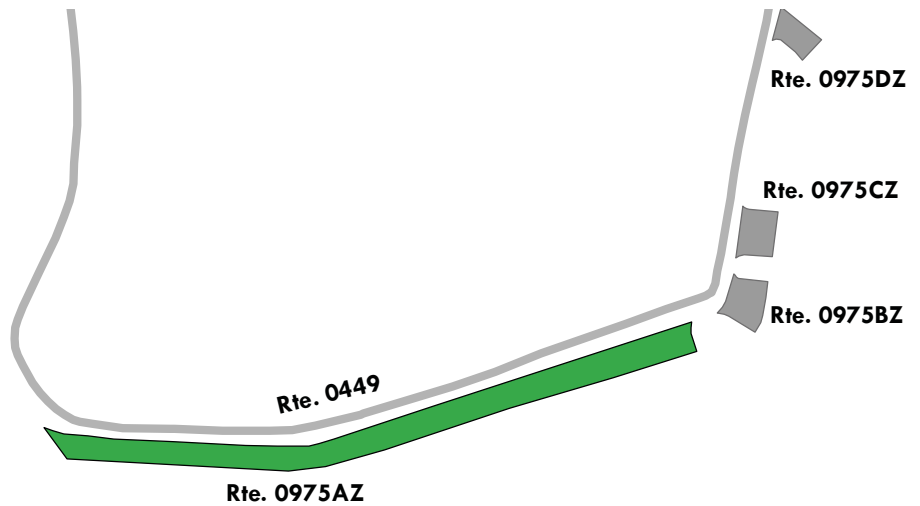
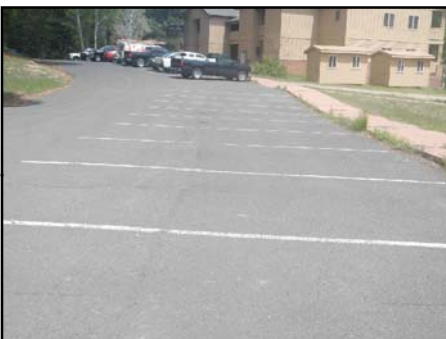
ADJACENT TO ROUTE 0449 (NORTH RIM RESIDENCE LOOP)

Inspection Date	FMSS Number	User Access	Surface Type
5/19/2016	58475	PUBLIC	ASPHALT
Area (Sq. Ft.)	Lane Miles (11' Widths)	Curb Reveal (Inches)	Curb Recommendation
6,220	0.107	4	LIGHT REPAIR
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



Grand Canyon National Park

ROUTE 0975BZ: NORTH RIM RESIDENCE PARKING B

Subcomponent of Route GRCA-0975ZZ
Manual Rating

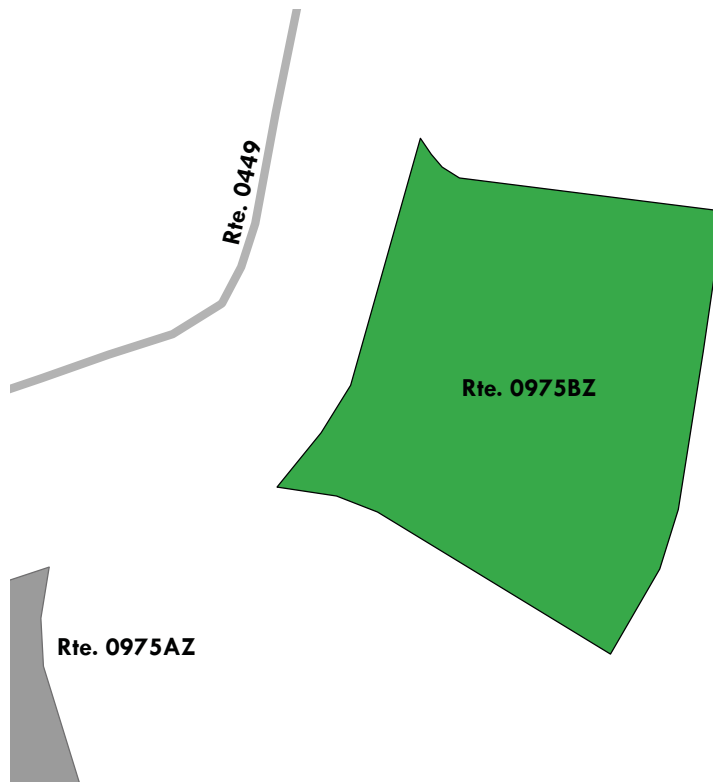
ADJACENT TO ROUTE 0449 (NORTH RIM RESIDENCE LOOP)

Inspection Date	FMSS Number	User Access	Surface Type
5/19/2016	58475	PUBLIC	ASPHALT
Area (Sq. Ft.)	Lane Miles (11' Widths)	Curb Reveal (Inches)	Curb Recommendation
637	0.011	4	LIGHT REPAIR
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



Grand Canyon National Park

ROUTE 0975CZ: NORTH RIM RESIDENCE PARKING C

Subcomponent of Route GRCA-0975ZZ
Manual Rating

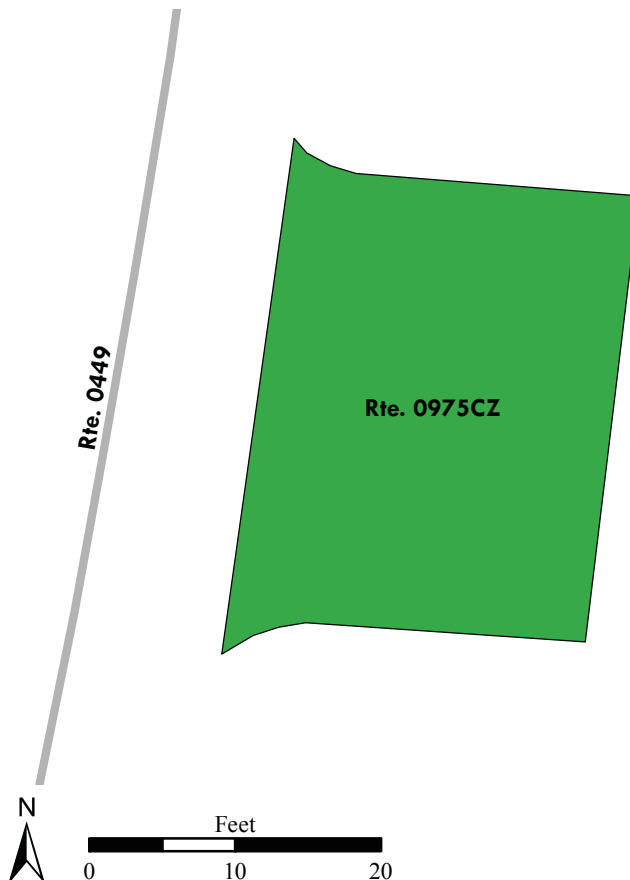
ADJACENT TO ROUTE 0449 (NORTH RIM RESIDENCE LOOP)

Inspection Date	FMSS Number	User Access	Surface Type
5/19/2016	58475	PUBLIC	ASPHALT
Area (Sq. Ft.)	Lane Miles (11' Widths)	Curb Reveal (Inches)	Curb Recommendation
614	0.011	4	LIGHT REPAIR
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



Grand Canyon National Park

ROUTE 0975DZ: NORTH RIM RESIDENCE PARKING D

Subcomponent of Route GRCA-0975ZZ
Manual Rating

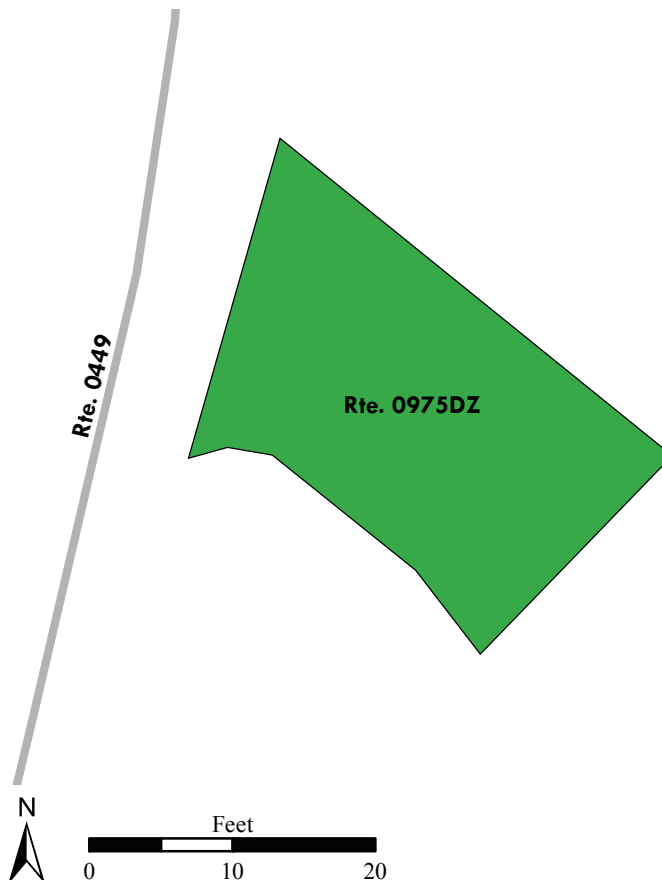
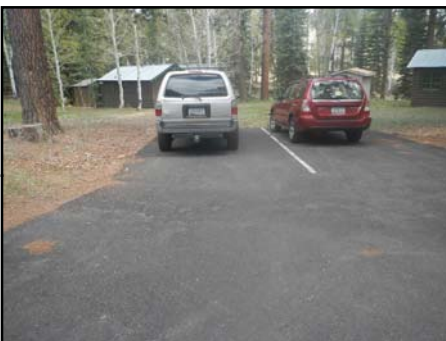
ADJACENT TO ROUTE 0449 (NORTH RIM RESIDENCE LOOP)

Inspection Date	FMSS Number	User Access	Surface Type
5/19/2016	58475	PUBLIC	ASPHALT
Area (Sq. Ft.)	Lane Miles (11' Widths)	Curb Reveal (Inches)	Curb Recommendation
449	0.008	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



Grand Canyon National Park

ROUTE 0976: NORTH RIM ADMINISTRATIVE BUILDING PARKING

Manual Rating

ADJACENT TO ROUTES 0405 (ADMIN LOOP) AND 0449 (NORTH RIM RESIDENCE LOOP)

Inspection Date	FMSS Number	User Access	Surface Type
5/19/2016	58478	PUBLIC	ASPHALT
Area (Sq. Ft.)	Lane Miles (11' Widths)	Curb Reveal (Inches)	Curb Recommendation
2,962	0.051	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)

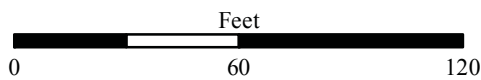
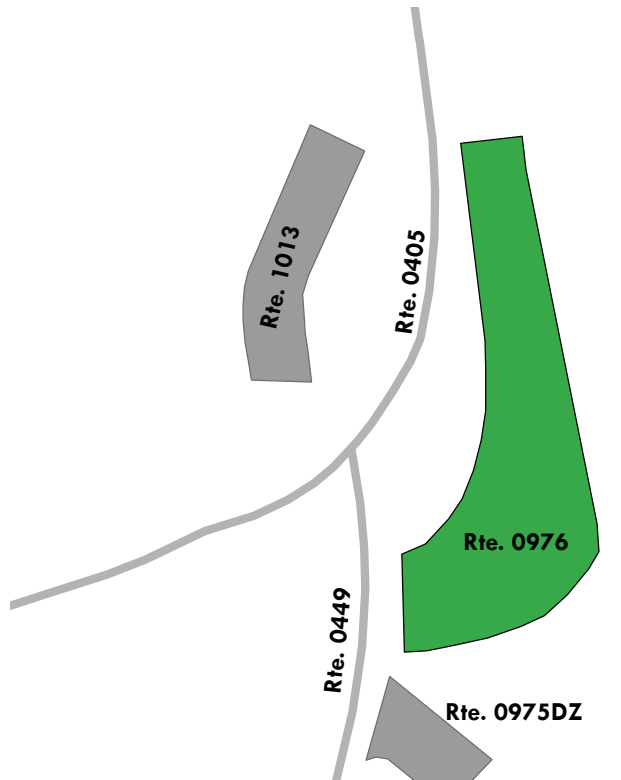
Fair (61- 84)

Good (85 - 94)

Excellent (95 - 100)

Not Rated

See Appendix for definitions and formulas



Grand Canyon National Park

ROUTE 0977: NORTH RIM FIRE PARKING

Manual Rating

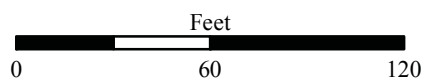
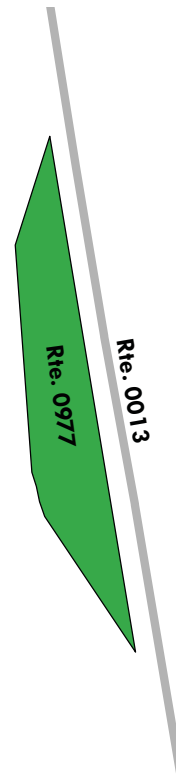
ADJACENT TO ROUTE 0013 (CAPE ROYAL ROAD) AT MP 13.9

Inspection Date	FMSS Number	User Access	Surface Type
5/19/2016	58482	PUBLIC	ASPHALT
Area (Sq. Ft.)	Lane Miles (11' Widths)	Curb Reveal (Inches)	Curb Recommendation
1,935	0.033	7	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

See Appendix for definitions and formulas



Grand Canyon National Park

ROUTE 0978: GREENLAND LAKES CABIN PARKING

Manual Rating

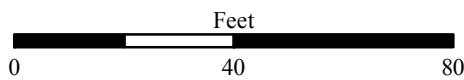
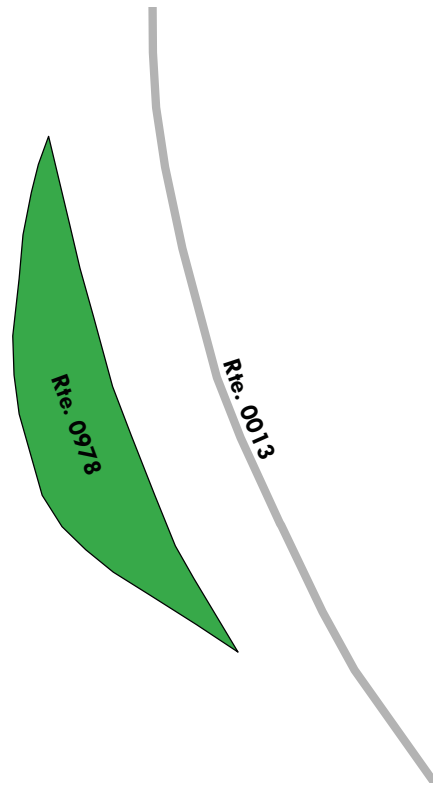
ADJACENT TO ROUTE 0013 (CAPE ROYAL ROAD) AT MP 8.02

Inspection Date	FMSS Number	User Access	Surface Type
5/19/2016	58485	PUBLIC	ASPHALT
Area (Sq. Ft.)	Lane Miles (11' Widths)	Curb Reveal (Inches)	Curb Recommendation
967	0.017	6	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



Grand Canyon National Park

ROUTE 0979ZZ: GENERAL OFFICES TAXI AND CONCESSIONS GARAGE PARKING AREAS

Summary Route
Manual Rating

FROM ROUTE 0012 (SOUTH ENTRANCE ROAD) AT MP 6.56

TO PARKING

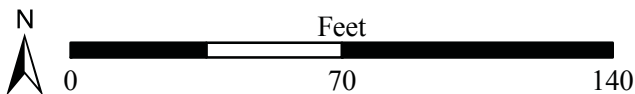
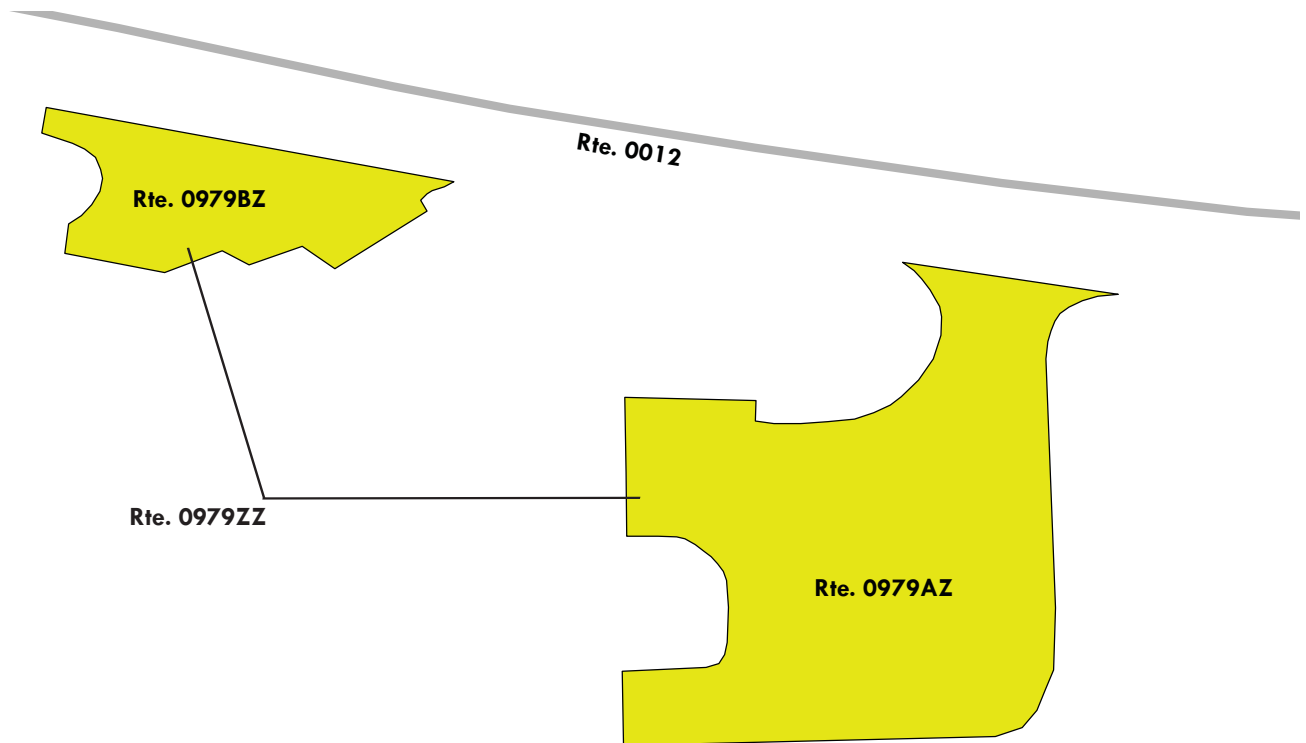
Inspection Date	FMSS Number	User Access	Surface Type
5/16/2016	58488	PUBLIC	ASPHALT
Area (Sq. Ft.)	Lane Miles (11' Widths)	Condition Rating / PCR	
9,914	0.171	SUMMARY / 77	

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.



Grand Canyon National Park

ROUTE 0979AZ: GENERAL OFFICES TAXI PARKING

Subcomponent of Route GRCA-0979ZZ
Manual Rating

FROM ROUTE 0012 (SOUTH ENTRANCE ROAD) AT MP 7.68
 TO PARKING

Inspection Date	FMSS Number	User Access	Surface Type
5/16/2016	58488	PUBLIC	ASPHALT
Area (Sq. Ft.)	Lane Miles (11' Widths)	Curb Reveal (Inches)	Curb Recommendation
7,826	0.135	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)

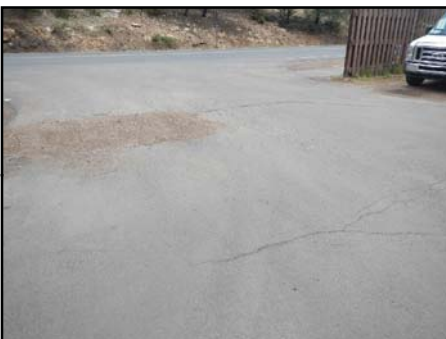
Fair (61- 84)

Good (85 - 94)

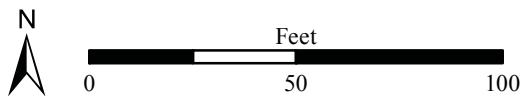
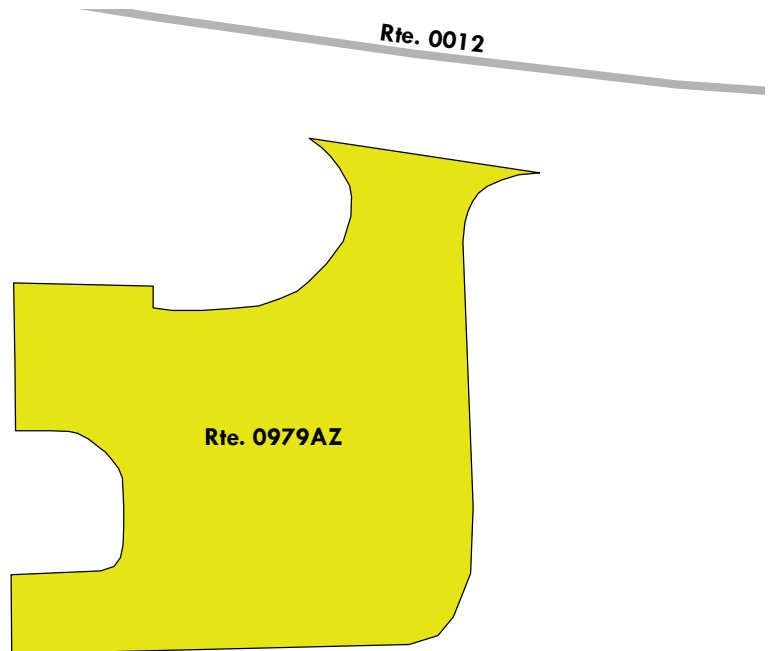
Excellent (95 - 100)

Not Rated

See Appendix for definitions and formulas



Parking area consists of multiple surface types; 1 part asphalt at 7,149 square feet and 1 part concrete at 677 square feet.



Grand Canyon National Park

ROUTE 0979BZ: GARAGE PARKING

Subcomponent of Route GRCA-0979ZZ

Manual Rating

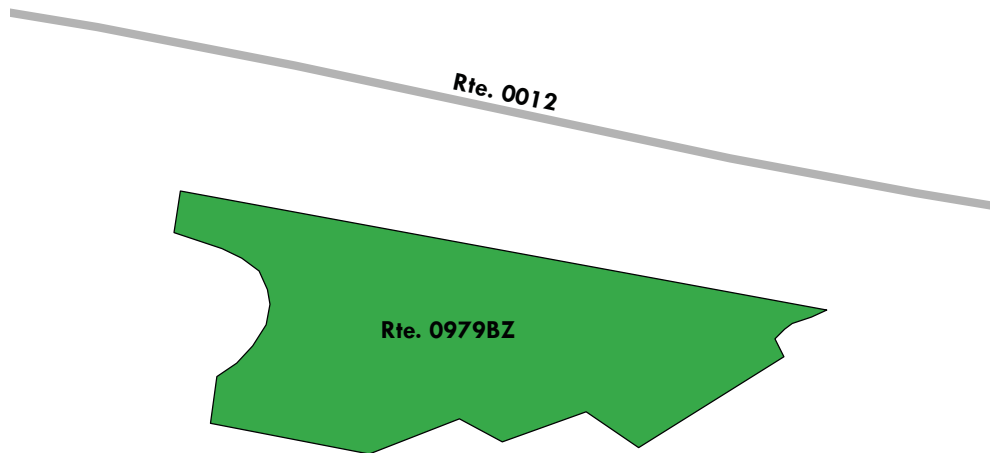
ADJACENT TO ROUTE 0012 (SOUTH ENTRANCE ROAD) AT MP 7.71

Inspection Date	FMSS Number	User Access	Surface Type
5/16/2016	58488	PUBLIC	ASPHALT
Area (Sq. Ft.)	Lane Miles (11' Widths)	Curb Reveal (Inches)	Curb Recommendation
2,088	0.036	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



Grand Canyon National Park

ROUTE 0980ZZ: GRANDVIEW POINT ROAD PARKING AREAS

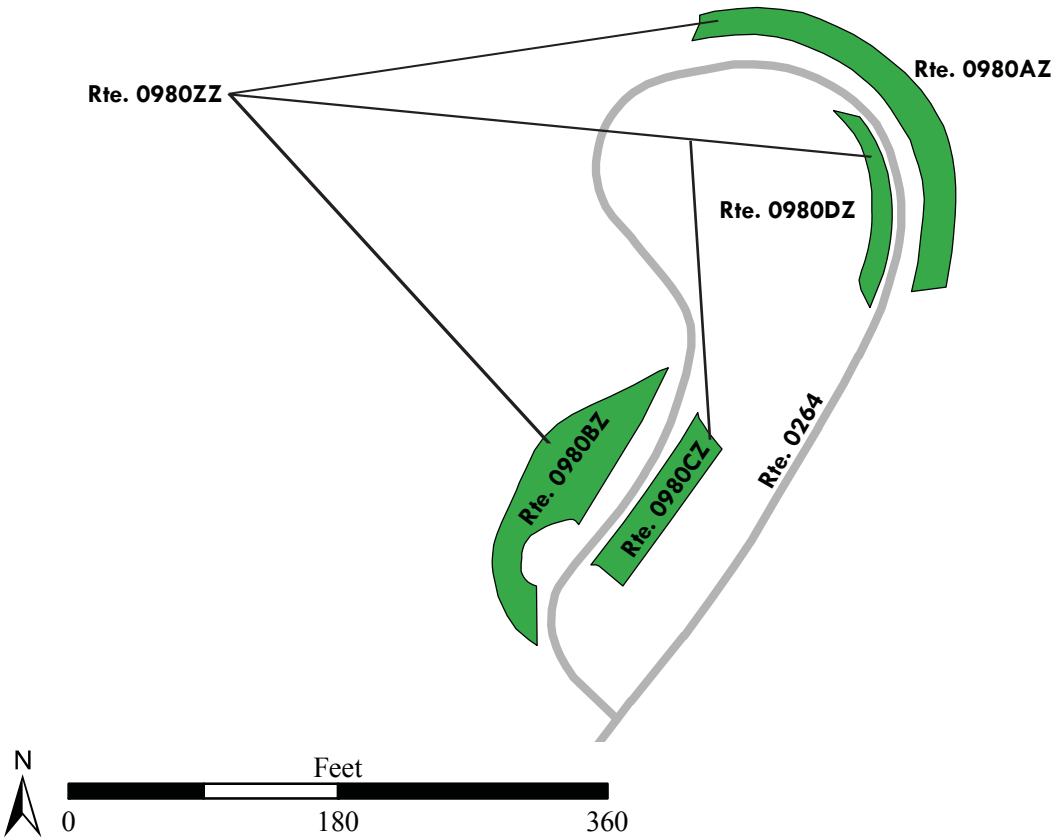
Summary Route
Manual Rating

ADJACENT TO ROUTE 0264 (GRANDVIEW POINT ROAD)

Inspection Date	FMSS Number	User Access	Surface Type
5/18/2016	90482	PUBLIC	ASPHALT
Area (Sq. Ft.)	Lane Miles (11' Widths)	Condition Rating / PCR	
13,783	0.237	SUMMARY / 90	

Route Condition Legend – Pavement Condition Rating (PCR)				
Poor (0 - 60)	Fair (61- 84)	Good (85 - 94)	Excellent (95 - 100)	Not Rated
See Appendix for definitions and formulas				

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



Grand Canyon National Park

ROUTE 0980AZ: GRANDVIEW POINT ROAD PARKING A

Subcomponent of Route GRCA-0980ZZ
Manual Rating

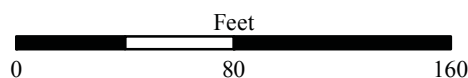
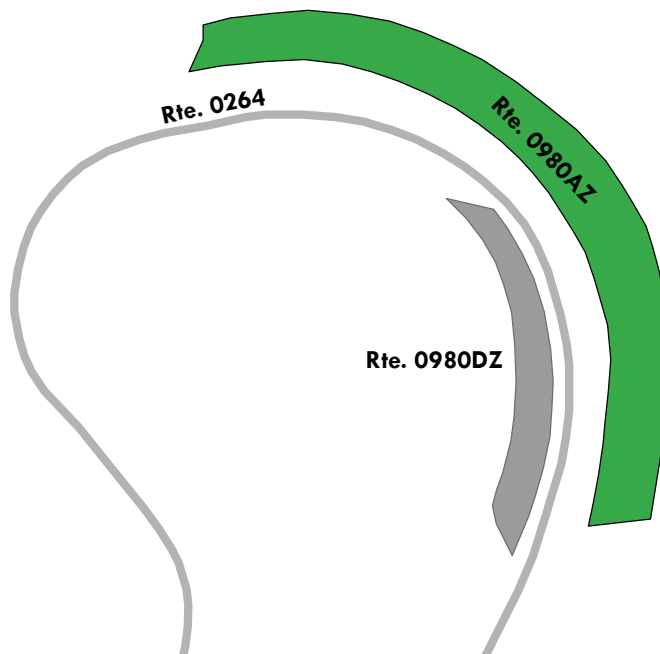
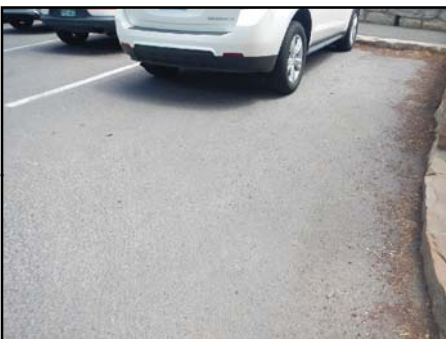
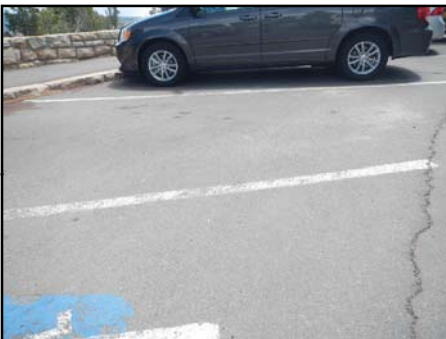
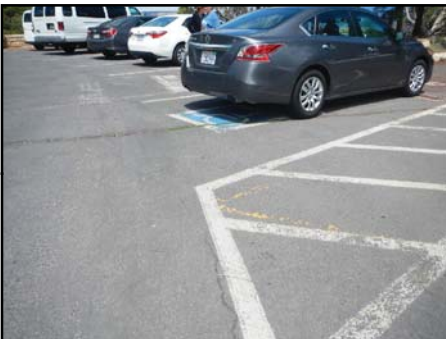
ADJACENT TO ROUTE 0264 (GRANDVIEW POINT ROAD) AT MP 0.66 ON RIGHT

Inspection Date	FMSS Number	User Access	Surface Type
5/18/2016	90482	PUBLIC	ASPHALT
Area (Sq. Ft.)	Lane Miles (11' Widths)	Curb Reveal (Inches)	Curb Recommendation
4,886	0.084	5	DO NOTHING
Curb Type		Curb & Gutter Type	
STONE		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



Grand Canyon National Park

ROUTE 0980BZ: GRANDVIEW POINT ROAD PARKING B

Subcomponent of Route GRCA-0980ZZ
Manual Rating

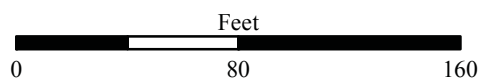
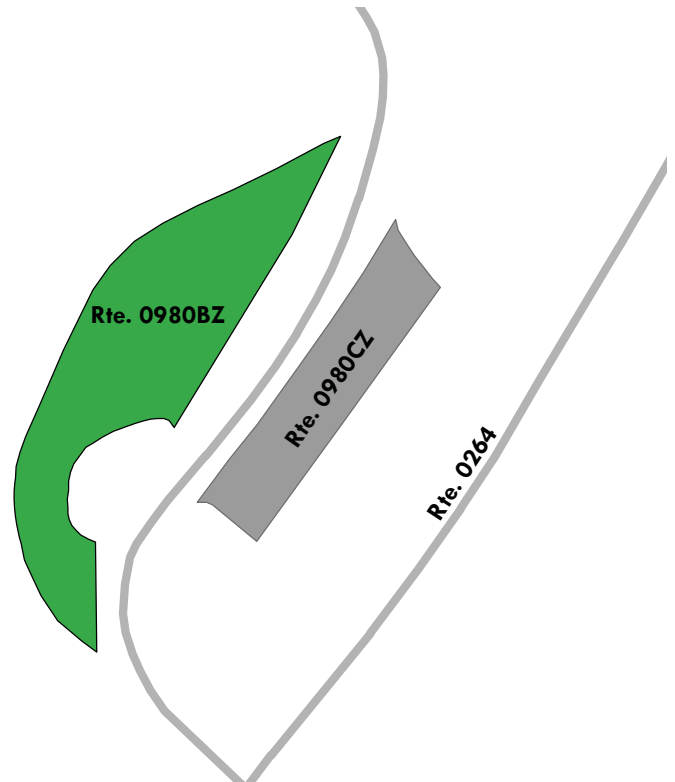
ADJACENT TO ROUTE 0264 (GRANDVIEW POINT ROAD) AT MP 0.74 ON RIGHT

Inspection Date	FMSS Number	User Access	Surface Type
5/18/2016	90482	PUBLIC	ASPHALT
Area (Sq. Ft.)	Lane Miles (11' Widths)	Curb Reveal (Inches)	Curb Recommendation
5,222	0.09	5	DO NOTHING
Curb Type		Curb & Gutter Type	
STONE		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



Grand Canyon National Park

ROUTE 0980CZ: GRANDVIEW POINT ROAD PARKING C

Subcomponent of Route GRCA-0980ZZ
Manual Rating

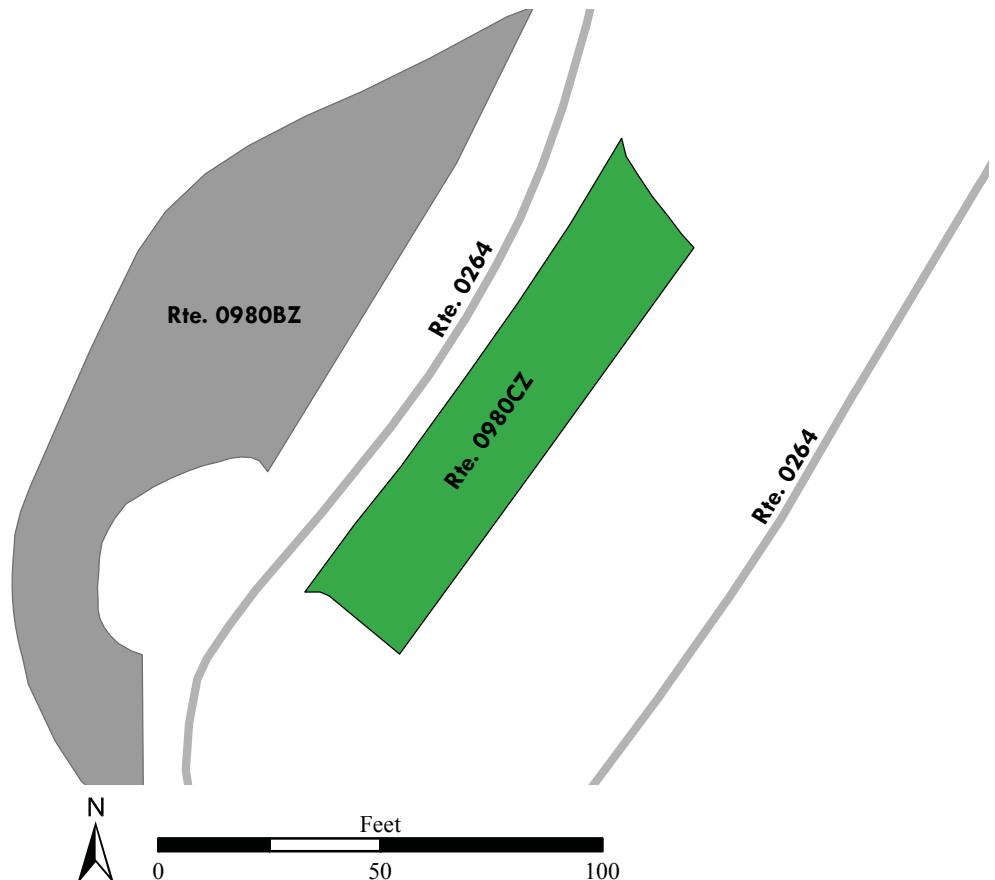
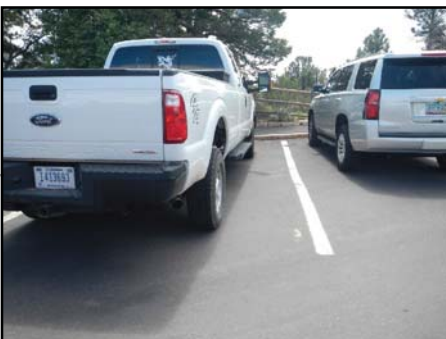
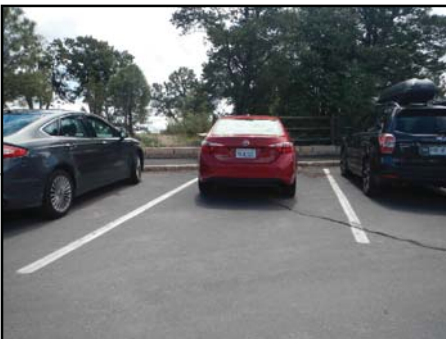
ADJACENT TO ROUTE 0264 (GRANDVIEW POINT ROAD) AT MP 0.74 ON LEFT

Inspection Date	FMSS Number	User Access	Surface Type
5/18/2016	90482	PUBLIC	ASPHALT
Area (Sq. Ft.)	Lane Miles (11' Widths)	Curb Reveal (Inches)	Curb Recommendation
2,375	0.041	5	DO NOTHING
Curb Type		Curb & Gutter Type	
STONE		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



Grand Canyon National Park

ROUTE 0980DZ: GRANDVIEW POINT ROAD PARKING D

Subcomponent of Route GRCA-0980ZZ
Manual Rating

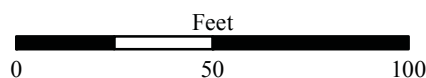
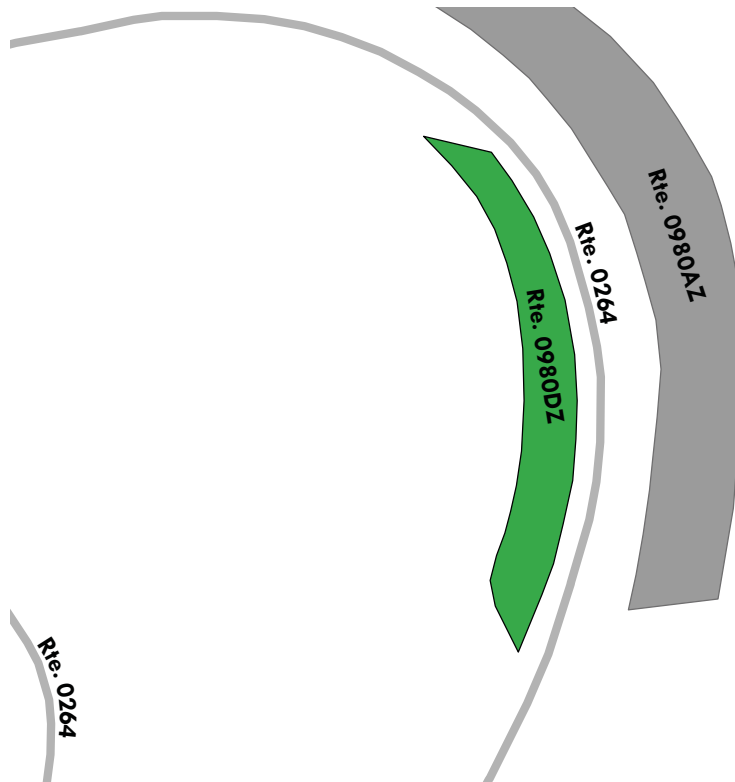
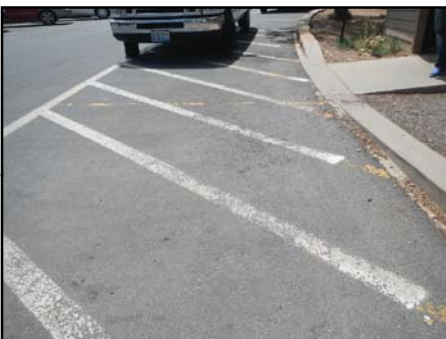
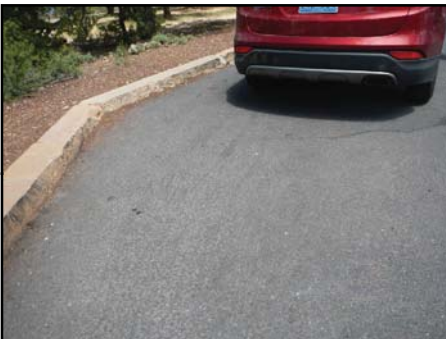
ADJACENT TO ROUTE 0264 (GRANDVIEW POINT ROAD) AT MP 0.65 ON LEFT

Inspection Date	FMSS Number	User Access	Surface Type
5/18/2016	90482	PUBLIC	ASPHALT
Area (Sq. Ft.)	Lane Miles (11' Widths)	Curb Reveal (Inches)	Curb Recommendation
1,300	0.022	5	DO NOTHING
Curb Type		Curb & Gutter Type	
STONE		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



Grand Canyon National Park

ROUTE 0981: LIPAN POINT PARKING

Manual Rating

FROM END OF ROUTE 0267 (LIPAN POINT ROAD)

TO PARKING

Inspection Date	FMSS Number	User Access	Surface Type
5/18/2016	90485	PUBLIC	ASPHALT
Area (Sq. Ft.)	Lane Miles (11' Widths)	Curb Reveal (Inches)	Curb Recommendation
15,911	0.274	6	DO NOTHING
Curb Type		Curb & Gutter Type	
STONE		NO CURB AND GUTTER	
Pavement Recommendation		Condition Rating / PCR	
PREVENTIVE MAINTENANCE		GOOD / 90	

Route Condition Legend – Pavement Condition Rating (PCR)

Poor (0 - 60)

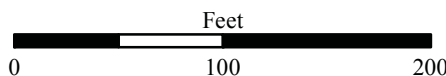
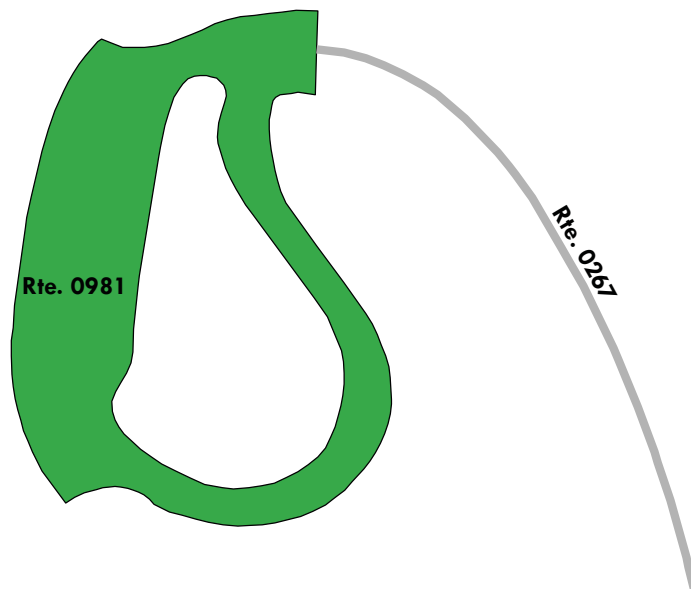
Fair (61- 84)

Good (85 - 94)

Excellent (95 - 100)

Not Rated

See Appendix for definitions and formulas



Grand Canyon National Park

ROUTE 0982: MAINTAINING MOUNTAIN MEADOWS PARKING

Manual Rating

ADJACENT TO ROUTE 0013 (CAPE ROYAL ROAD) AT MP 1.52 ON RIGHT

Inspection Date	FMSS Number	User Access	Surface Type
5/19/2016	90486	PUBLIC	ASPHALT
Area (Sq. Ft.)	Lane Miles (11' Widths)	Curb Reveal (Inches)	Curb Recommendation
3,084	0.053	6	LIGHT REPAIR
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)

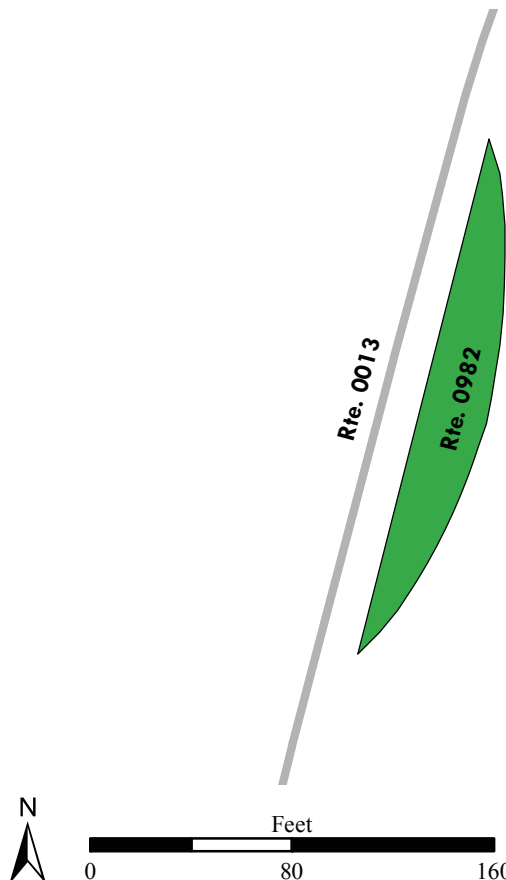
Fair (61- 84)

Good (85 - 94)

Excellent (95 - 100)

Not Rated

See Appendix for definitions and formulas



Grand Canyon National Park

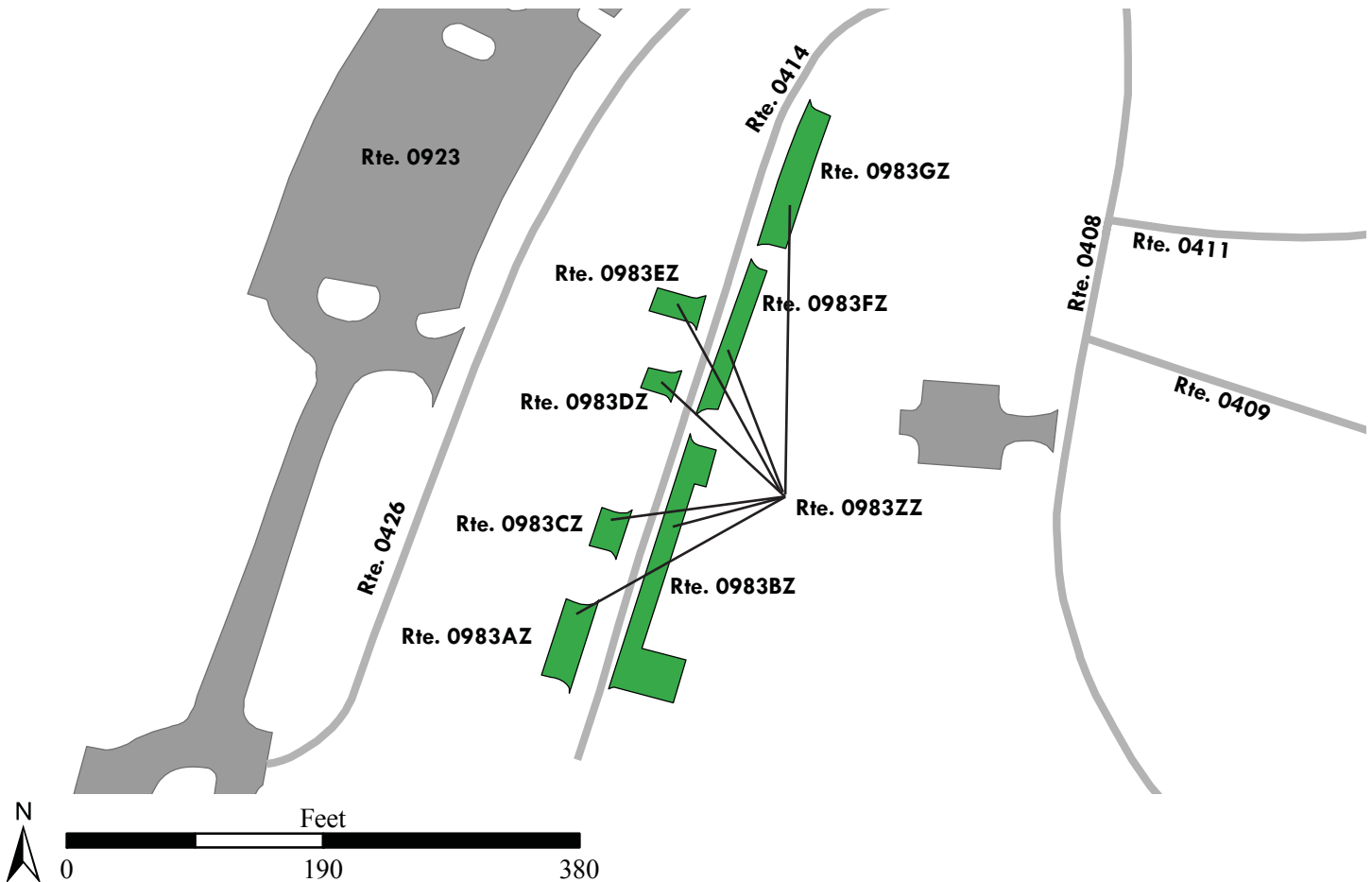
ROUTE 0983ZZ: APACHE WEST PARKING AREAS

Summary Route
Manual Rating

ADJACENT TO ROUTE 0414 (APACHE WEST)

Inspection Date	FMSS Number	User Access	Surface Type
5/16/2016	102309	PUBLIC	ASPHALT
Area (Sq. Ft.)	Lane Miles (11' Widths)	Condition Rating / PCR	
8,990	0.155	SUMMARY / 89	
Route Condition Legend – 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.



Grand Canyon National Park

ROUTE 0983AZ: APACHE WEST PARKING A

Subcomponent of Route GRCA-0983ZZ

Manual Rating

ADJACENT TO ROUTE 0414 (APACHE WEST) AT MP 0.12 ON RIGHT

Inspection Date	FMSS Number	User Access	Surface Type
5/16/2016	102309	PUBLIC	ASPHALT
Area (Sq. Ft.)	Lane Miles (11' Widths)	Curb Reveal (Inches)	Curb Recommendation
1,138	0.02	NOT APPLICABLE	DO NOTHING
Curb Type		Curb & Gutter Type	
NO CURB		CONCRETE	
Pavement Recommendation		Condition Rating / PCR	
PREVENTIVE MAINTENANCE		GOOD / 90	

Route Condition Legend – Pavement Condition Rating (PCR)

Poor (0 - 60)

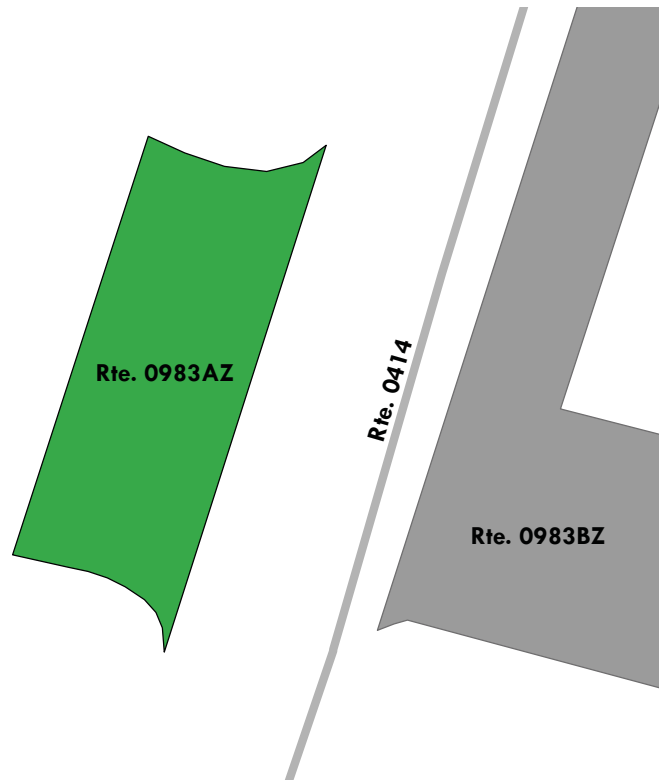
Fair (61- 84)

Good (85 - 94)

Excellent (95 - 100)

Not Rated

See Appendix for definitions and formulas



Grand Canyon National Park

ROUTE 0983BZ: APACHE WEST PARKING B

Subcomponent of Route GRCA-0983ZZ

Manual Rating

ADJACENT TO ROUTE 0414 (APACHE WEST) AT MP 0.11 ON LEFT

Inspection Date	FMSS Number	User Access	Surface Type
5/16/2016	102309	PUBLIC	ASPHALT
Area (Sq. Ft.)	Lane Miles (11' Widths)	Curb Reveal (Inches)	Curb Recommendation
3,348	0.058	4	DO NOTHING
Curb Type		Curb & Gutter Type	
CONCRETE		NO CURB AND GUTTER	
Pavement Recommendation		Condition Rating / PCR	
PREVENTIVE MAINTENANCE		GOOD / 90	

Route Condition Legend – Pavement Condition Rating (PCR)

Poor (0 - 60)

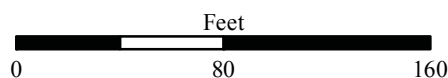
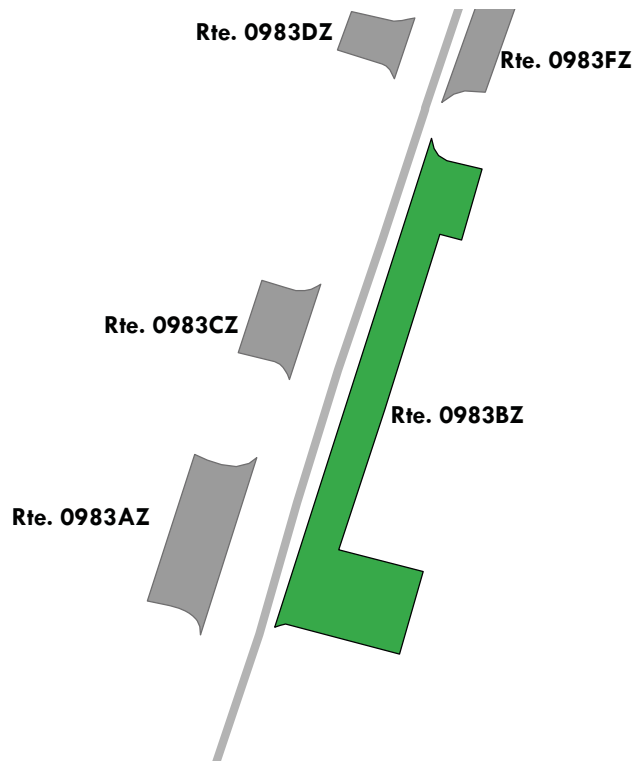
Fair (61- 84)

Good (85 - 94)

Excellent (95 - 100)

Not Rated

See Appendix for definitions and formulas



Grand Canyon National Park

ROUTE 0983CZ: APACHE WEST PARKING C

Subcomponent of Route GRCA-0983ZZ

Manual Rating

ADJACENT TO ROUTE 0414 (APACHE WEST) AT MP 0.11 ON RIGHT

Inspection Date	FMSS Number	User Access	Surface Type
5/16/2016	102309	PUBLIC	ASPHALT
Area (Sq. Ft.)	Lane Miles (11' Widths)	Curb Reveal (Inches)	Curb Recommendation
539	0.009	NOT APPLICABLE	DO NOTHING
Curb Type		Curb & Gutter Type	
NO CURB		CONCRETE	
Pavement Recommendation		Condition Rating / PCR	
LIGHT 3R TREATMENTS		FAIR / 73	

Route Condition Legend – Pavement Condition Rating (PCR)

Poor (0 - 60)

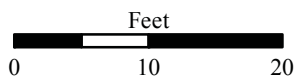
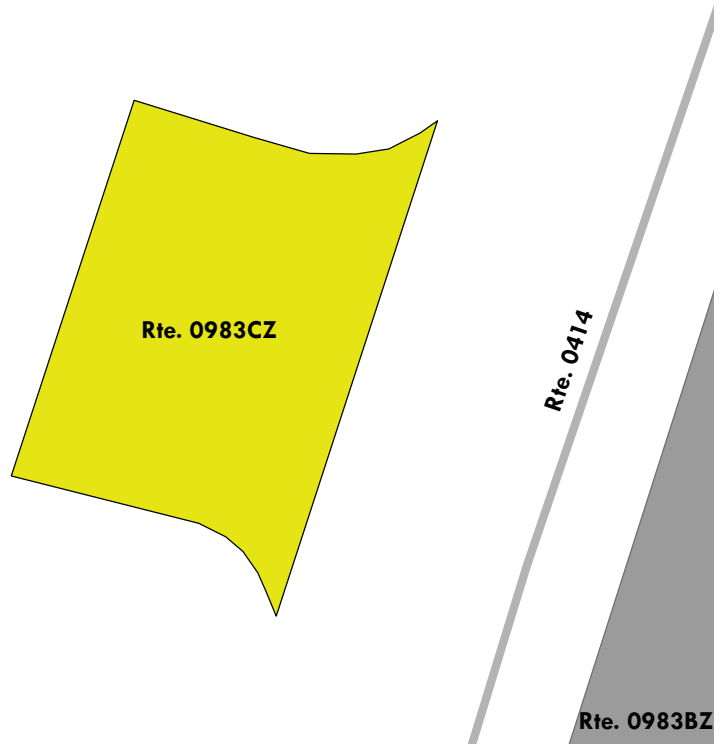
Fair (61- 84)

Good (85 - 94)

Excellent (95 - 100)

Not Rated

See Appendix for definitions and formulas



Grand Canyon National Park

ROUTE 0983DZ: APACHE WEST PARKING D

Subcomponent of Route GRCA-0983ZZ

Manual Rating

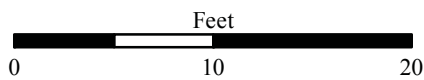
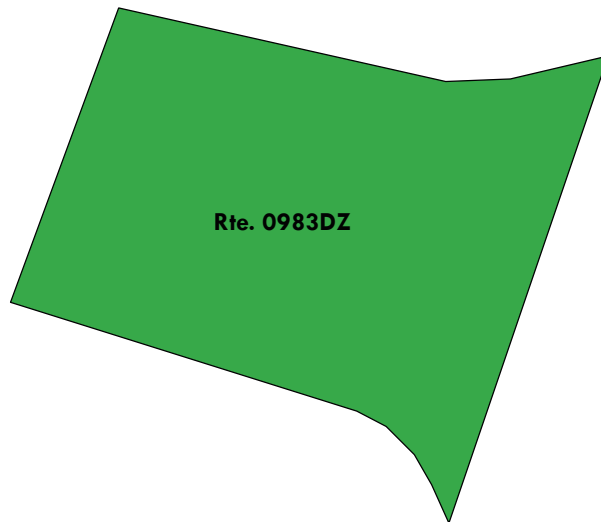
ADJACENT TO ROUTE 0414 (APACHE WEST) AT MP 0.08 ON RIGHT

Inspection Date	FMSS Number	User Access	Surface Type
5/16/2016	102309	PUBLIC	ASPHALT
Area (Sq. Ft.)	Lane Miles (11' Widths)	Curb Reveal (Inches)	Curb Recommendation
344	0.006	NOT APPLICABLE	LIGHT REPAIR
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



Rte. 0414

Grand Canyon National Park

ROUTE 0983EZ: APACHE WEST PARKING E

Subcomponent of Route GRCA-0983ZZ

Manual Rating

ADJACENT TO ROUTE 0414 (APACHE WEST) AT MP 0.07 ON RIGHT

Inspection Date	FMSS Number	User Access	Surface Type
5/16/2016	102309	PUBLIC	ASPHALT
Area (Sq. Ft.)	Lane Miles (11' Widths)	Curb Reveal (Inches)	Curb Recommendation
555	0.01	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)

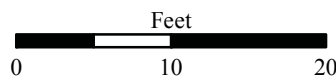
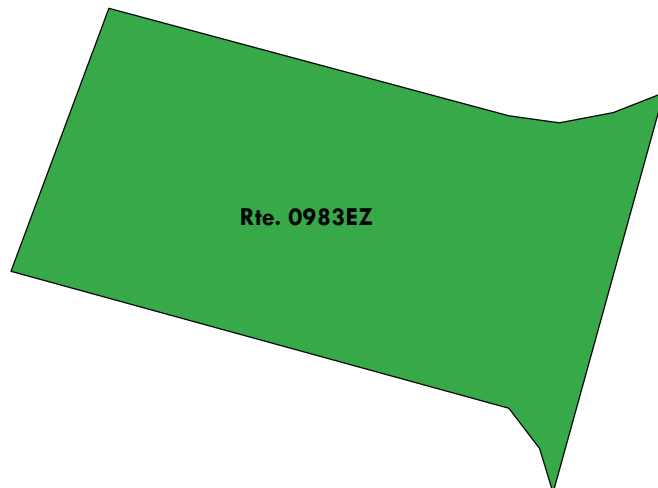
Fair (61- 84)

Good (85 - 94)

Excellent (95 - 100)

Not Rated

See Appendix for definitions and formulas



Rte. 0414

Grand Canyon National Park

ROUTE 0983FZ: APACHE WEST PARKING F

Subcomponent of Route GRCA-0983ZZ

Manual Rating

ADJACENT TO ROUTE 0414 (APACHE WEST) AT MP 0.07 ON LEFT

Inspection Date	FMSS Number	User Access	Surface Type
5/16/2016	102309	PUBLIC	ASPHALT
Area (Sq. Ft.)	Lane Miles (11' Widths)	Curb Reveal (Inches)	Curb Recommendation
1,300	0.022	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)

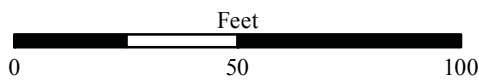
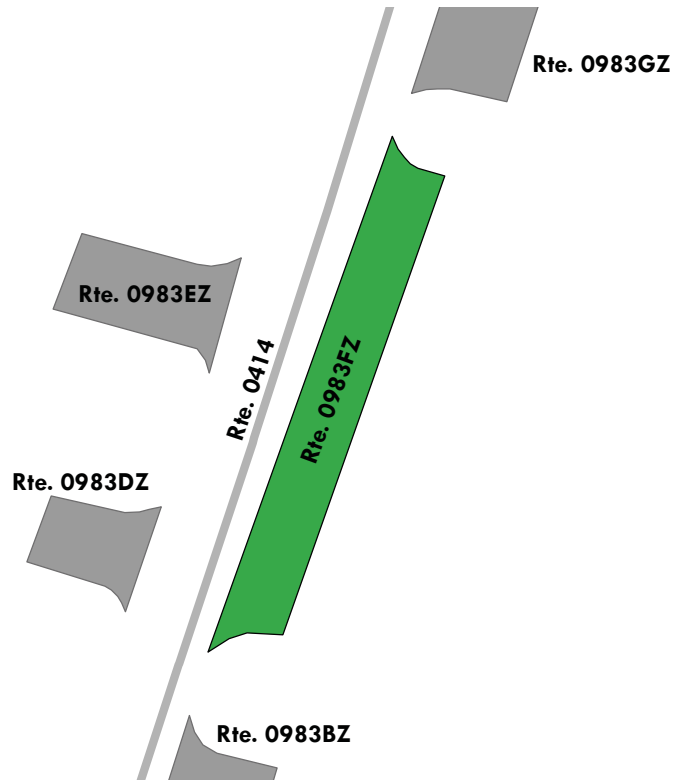
Fair (61- 84)

Good (85 - 94)

Excellent (95 - 100)

Not Rated

See Appendix for definitions and formulas



Grand Canyon National Park

ROUTE 0983GZ: APACHE WEST PARKING G

Subcomponent of Route GRCA-0983ZZ

Manual Rating

ADJACENT TO ROUTE 0414 (APACHE WEST) AT MP 0.05 ON LEFT

Inspection Date	FMSS Number	User Access	Surface Type
5/16/2016	102309	PUBLIC	ASPHALT
Area (Sq. Ft.)	Lane Miles (11' Widths)	Curb Reveal (Inches)	Curb Recommendation
1,766	0.03	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)

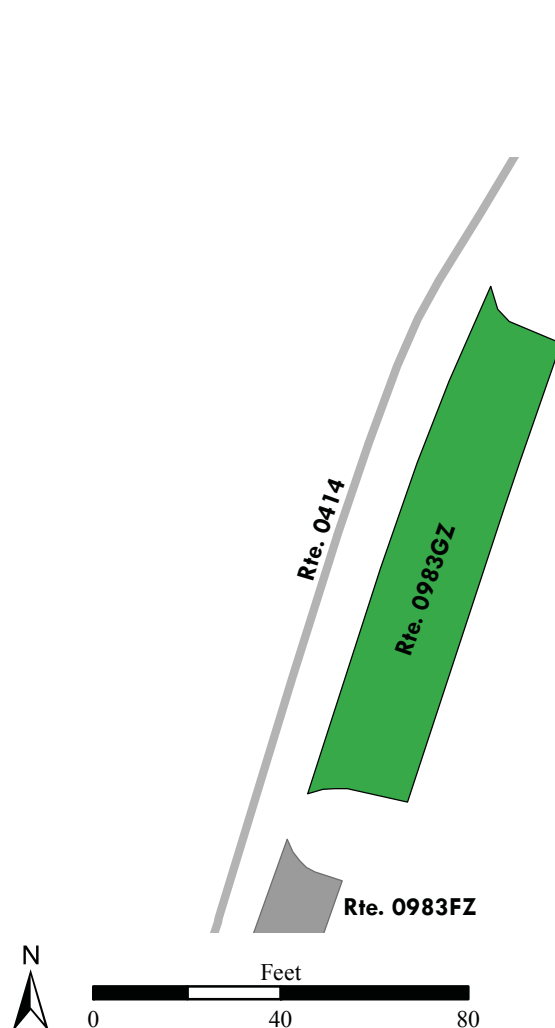
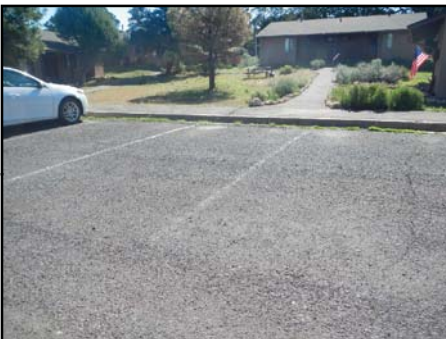
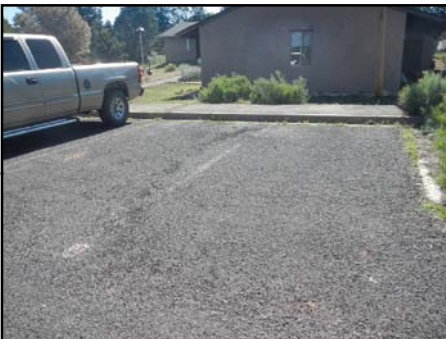
Fair (61- 84)

Good (85 - 94)

Excellent (95 - 100)

Not Rated

See Appendix for definitions and formulas



Grand Canyon National Park

ROUTE 0984: YAVAPAI POINT PARKING

Manual Rating

FROM ROUTE 0012 (SOUTH ENTRANCE ROAD)

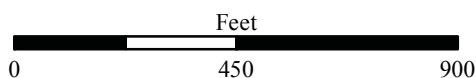
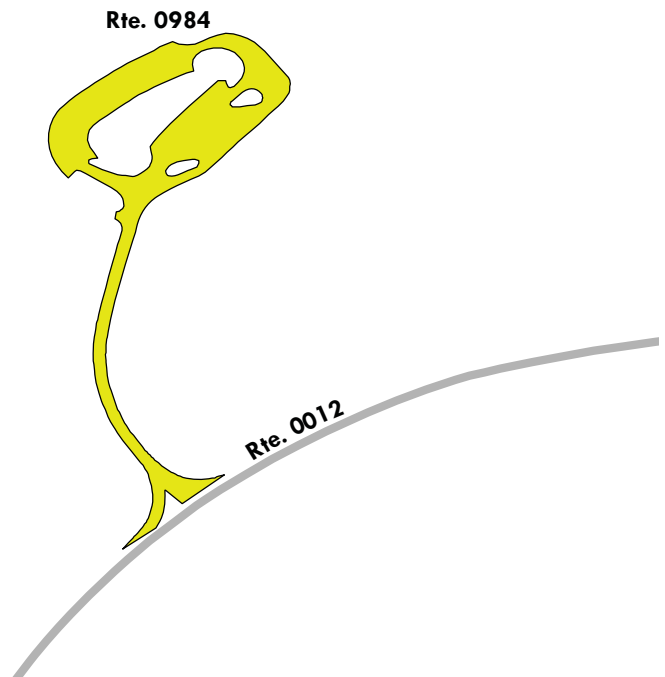
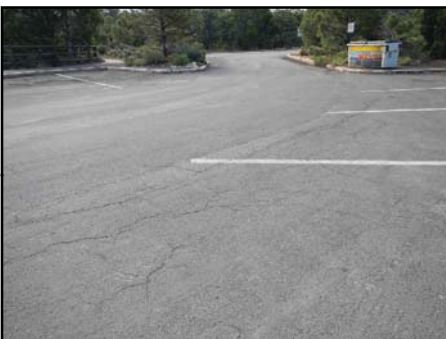
TO PARKING

Inspection Date	FMSS Number	User Access	Surface Type
5/17/2016	90378	PUBLIC	ASPHALT
Area (Sq. Ft.)	Lane Miles (11' Widths)	Curb Reveal (Inches)	Curb Recommendation
75,953	1.308	4	LIGHT REPAIR
Curb Type		Curb & Gutter Type	
STONE		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



Grand Canyon National Park

ROUTE 0986: BOULDER WEST PARKING

Manual Rating

FROM ROUTE 0408 (COCONINO ROAD)

TO PARKING

Inspection Date	FMSS Number	User Access	Surface Type
5/16/2016	90496	PUBLIC	ASPHALT
Area (Sq. Ft.)	Lane Miles (11' Widths)	Curb Reveal (Inches)	Curb Recommendation
3,914	0.067	NOT APPLICABLE	DO NOTHING
Curb Type		Curb & Gutter Type	
NO CURB		CONCRETE	
Pavement Recommendation		Condition Rating / PCR	
LIGHT 3R TREATMENTS		FAIR / 73	

Route Condition Legend – Pavement Condition Rating (PCR)

Poor (0 - 60)

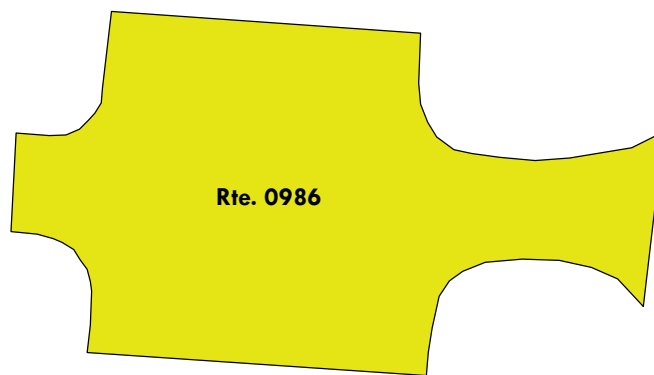
Fair (61- 84)

Good (85 - 94)

Excellent (95 - 100)

Not Rated

See Appendix for definitions and formulas



Grand Canyon National Park

ROUTE 0987: LOOP STREET PARKING

Manual Rating

FROM ROUTE 0408 (COCONINO ROAD)

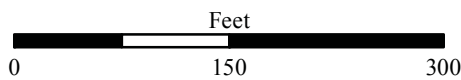
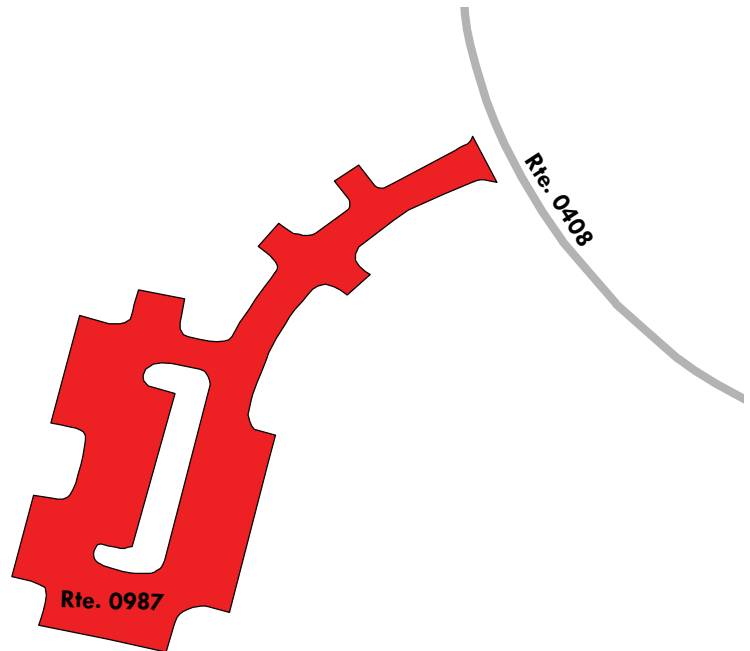
TO PARKING

Inspection Date	FMSS Number	User Access	Surface Type
5/16/2016	90498	PUBLIC	ASPHALT
Area (Sq. Ft.)	Lane Miles (11' Widths)	Curb Reveal (Inches)	Curb Recommendation
26,630	0.459	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



Grand Canyon National Park

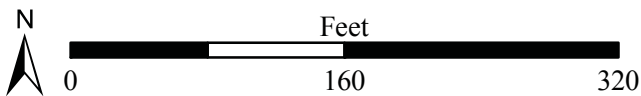
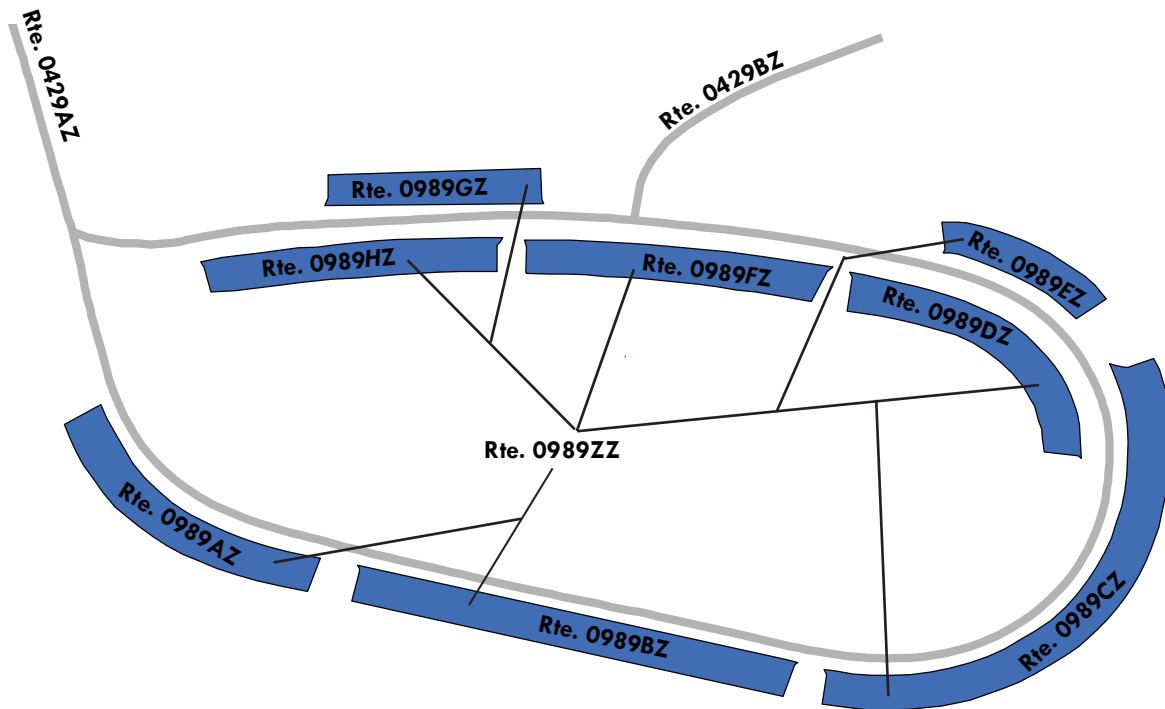
ROUTE 0989ZZ: PAIUTE APARTMENTS PARKING AREAS

Summary Route
Manual Rating

ADJACENT TO ROUTE 0429ZZ (PAIUTE CIRCLE ROADS) ON LEFT AND RIGHT

Inspection Date	FMSS Number	User Access	Surface Type
5/16/2016	90500	PUBLIC	ASPHALT
Area (Sq. Ft.)	Lane Miles (11' Widths)	Condition Rating / PCR	
25,796	0.445	SUMMARY / 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			

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



Grand Canyon National Park

ROUTE 0989AZ: PAIUTE APARTMENTS PARKING A

Subcomponent of Route GRCA-0989ZZ
Manual Rating

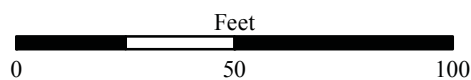
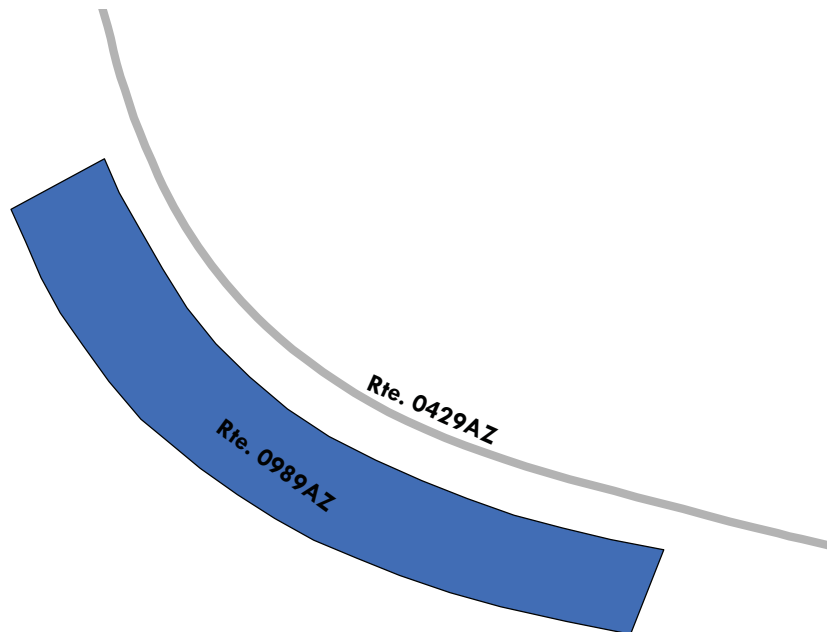
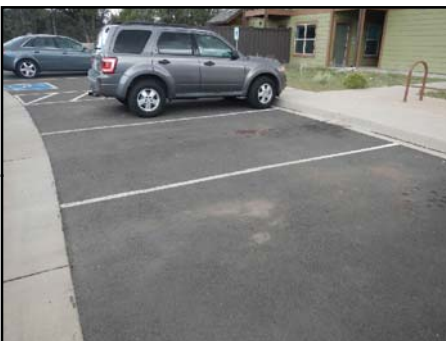
ADJACENT TO ROUTE 0429AZ (PAIUTE CIRCLE A) ON RIGHT

Inspection Date	FMSS Number	User Access	Surface Type
5/16/2016	90500	PUBLIC	ASPHALT
Area (Sq. Ft.)	Lane Miles (11' Widths)	Curb Reveal (Inches)	Curb Recommendation
3,193	0.055	NOT APPLICABLE	DO NOTHING
Curb Type		Curb & Gutter Type	
NO CURB		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
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See Appendix for definitions and formulas



Grand Canyon National Park

ROUTE 0989BZ: PAIUTE APARTMENTS PARKING B

Subcomponent of Route GRCA-0989ZZ
Manual Rating

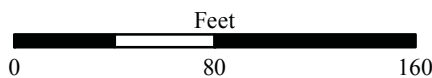
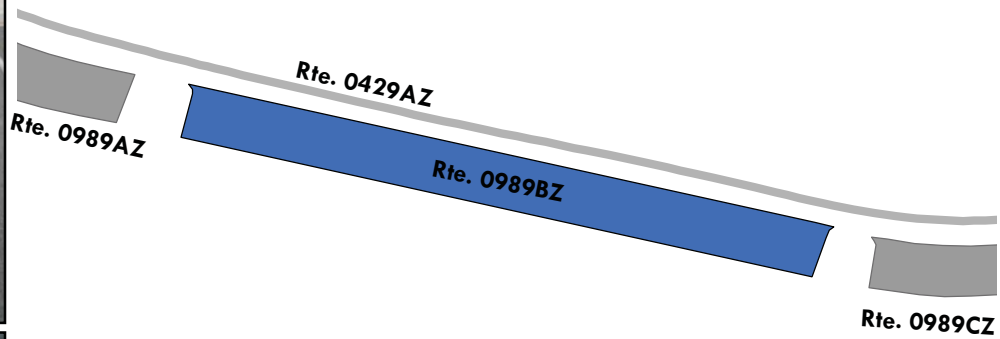
ADJACENT TO ROUTE 0429AZ (PAIUTE CIRCLE A) ON RIGHT

Inspection Date	FMSS Number	User Access	Surface Type
5/16/2016	90500	PUBLIC	ASPHALT
Area (Sq. Ft.)	Lane Miles (11' Widths)	Curb Reveal (Inches)	Curb Recommendation
4,502	0.078	NOT APPLICABLE	DO NOTHING
Curb Type		Curb & Gutter Type	
NO CURB		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
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See Appendix for definitions and formulas



Grand Canyon National Park

ROUTE 0989CZ: PAIUTE APARTMENTS PARKING C

Subcomponent of Route GRCA-0989ZZ
Manual Rating

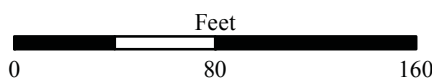
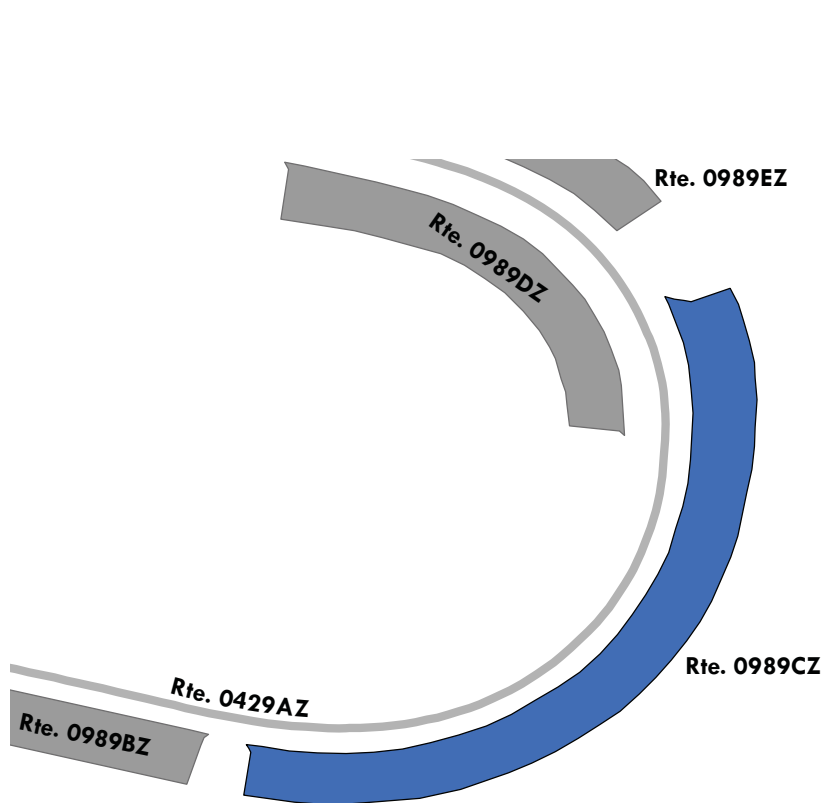
ADJACENT TO ROUTE 0429AZ (PAIUTE CIRCLE A) ON RIGHT

Inspection Date	FMSS Number	User Access	Surface Type
5/16/2016	90500	PUBLIC	ASPHALT
Area (Sq. Ft.)	Lane Miles (11' Widths)	Curb Reveal (Inches)	Curb Recommendation
5,892	0.101	NOT APPLICABLE	DO NOTHING
Curb Type		Curb & Gutter Type	
NO CURB		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
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See Appendix for definitions and formulas



Grand Canyon National Park

ROUTE 0989DZ: PAIUTE APARTMENTS PARKING D

Subcomponent of Route GRCA-0989ZZ
Manual Rating

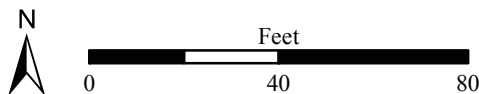
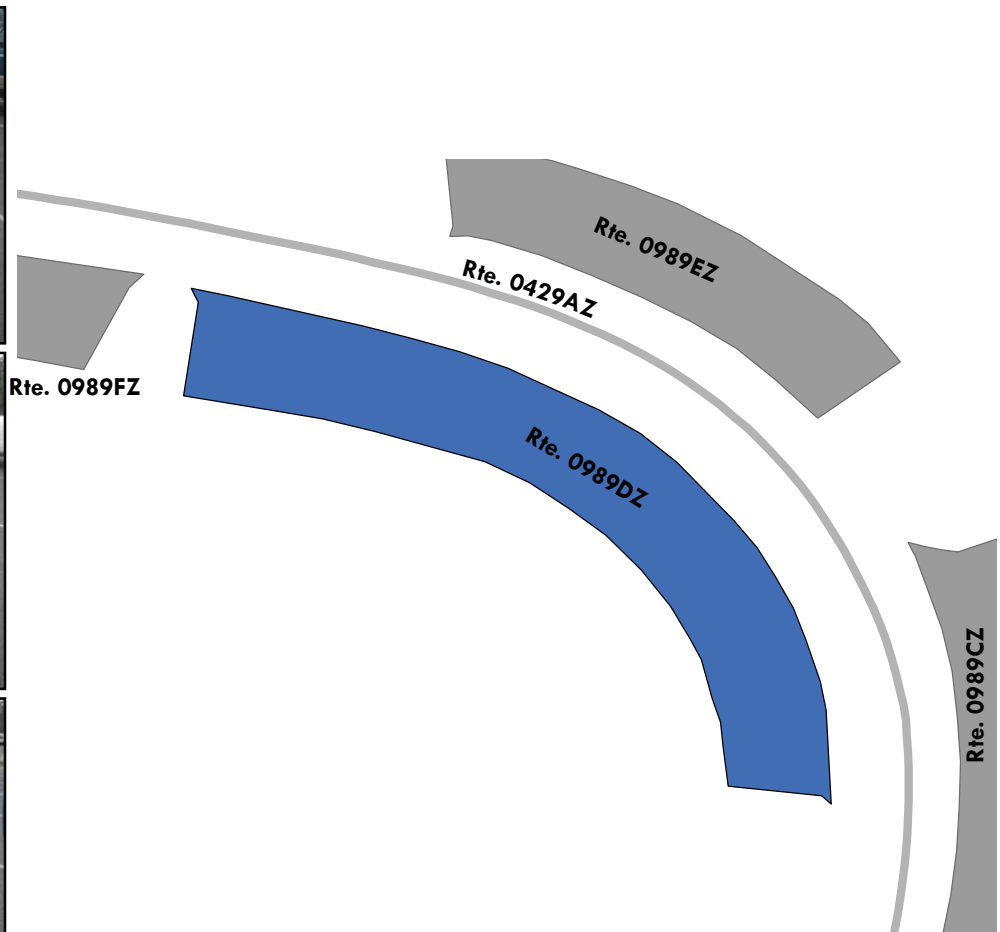
ADJACENT TO ROUTE 0429AZ (PAIUTE CIRCLE A) ON LEFT

Inspection Date	FMSS Number	User Access	Surface Type
5/16/2016	90500	PUBLIC	ASPHALT
Area (Sq. Ft.)	Lane Miles (11' Widths)	Curb Reveal (Inches)	Curb Recommendation
2,998	0.052	NOT APPLICABLE	DO NOTHING
Curb Type		Curb & Gutter Type	
NO CURB		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
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See Appendix for definitions and formulas



Grand Canyon National Park

ROUTE 0989EZ: PAIUTE APARTMENTS PARKING E

Subcomponent of Route GRCA-0989ZZ
Manual Rating

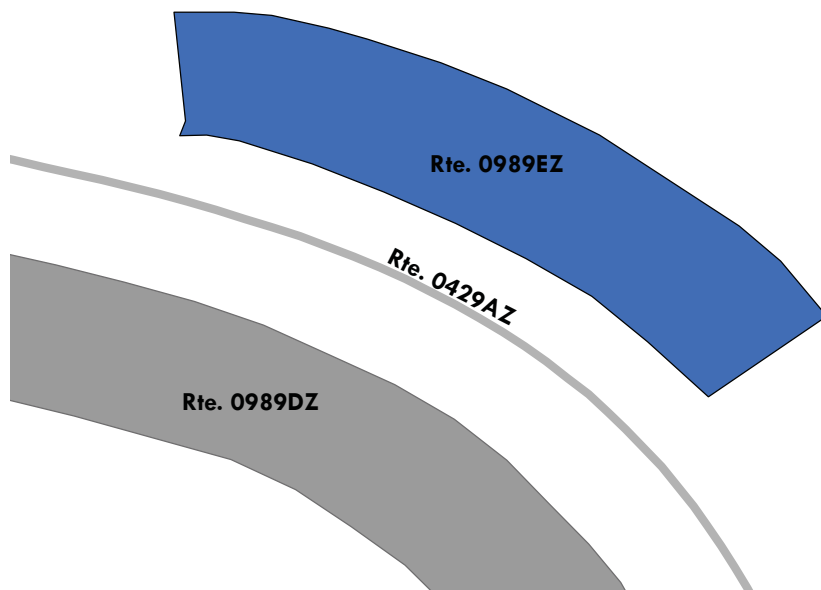
ADJACENT TO ROUTE 0429AZ (PAIUTE CIRCLE A) ON RIGHT

Inspection Date	FMSS Number	User Access	Surface Type
5/16/2016	90500	PUBLIC	ASPHALT
Area (Sq. Ft.)	Lane Miles (11' Widths)	Curb Reveal (Inches)	Curb Recommendation
1,629	0.028	NOT APPLICABLE	DO NOTHING
Curb Type		Curb & Gutter Type	
NO CURB		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
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See Appendix for definitions and formulas



Grand Canyon National Park

ROUTE 0989FZ: PAIUTE APARTMENTS PARKING F

Subcomponent of Route GRCA-0989ZZ
Manual Rating

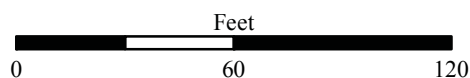
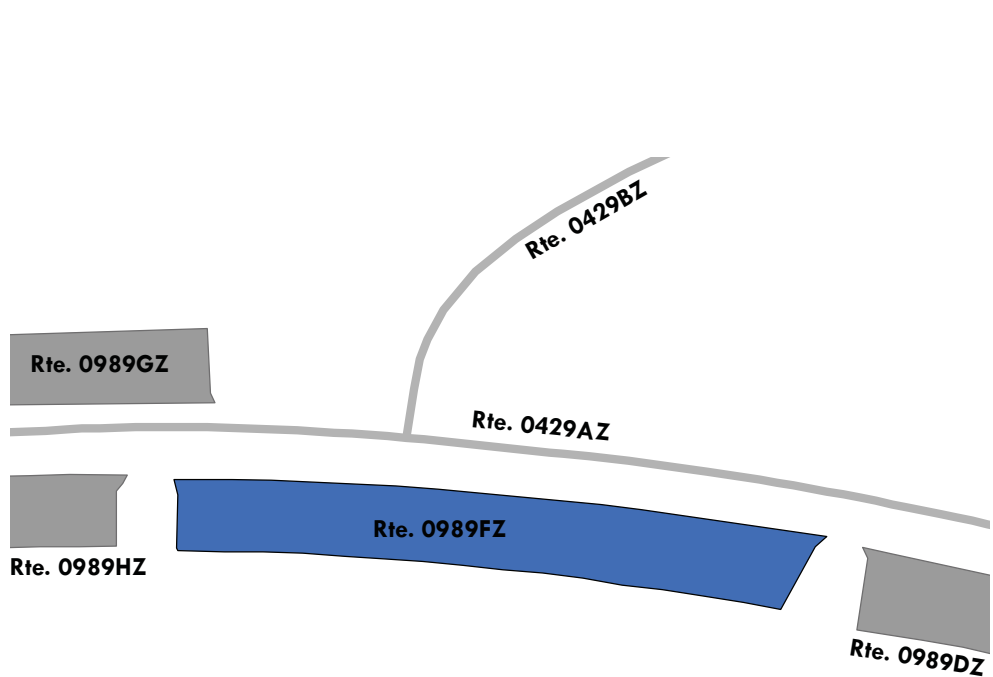
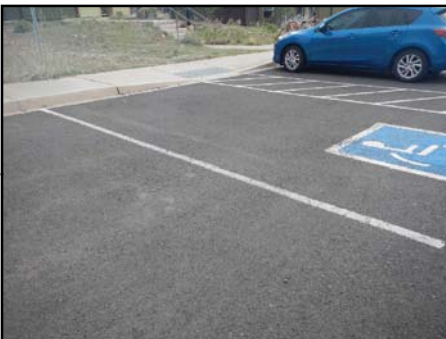
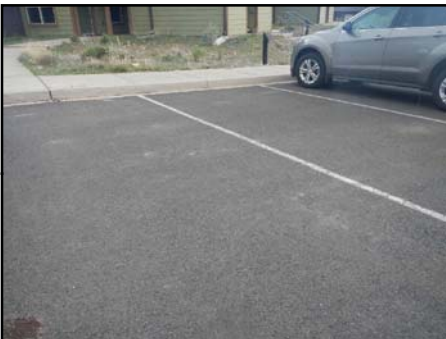
ADJACENT TO ROUTE 0429AZ (PAIUTE CIRCLE A) ON LEFT

Inspection Date	FMSS Number	User Access	Surface Type
5/16/2016	90500	PUBLIC	ASPHALT
Area (Sq. Ft.)	Lane Miles (11' Widths)	Curb Reveal (Inches)	Curb Recommendation
2,879	0.05	NOT APPLICABLE	DO NOTHING
Curb Type		Curb & Gutter Type	
NO CURB		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
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See Appendix for definitions and formulas



Grand Canyon National Park

ROUTE 0989GZ: PAIUTE APARTMENTS PARKING G

Subcomponent of Route GRCA-0989ZZ
Manual Rating

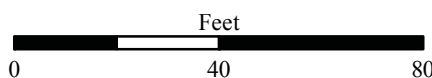
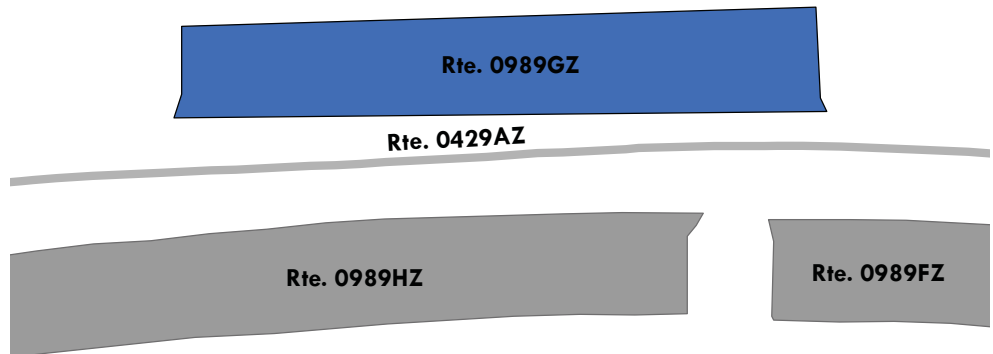
ADJACENT TO ROUTE 0429AZ (PAIUTE CIRCLE A) ON RIGHT

Inspection Date	FMSS Number	User Access	Surface Type
5/16/2016	90500	PUBLIC	ASPHALT
Area (Sq. Ft.)	Lane Miles (11' Widths)	Curb Reveal (Inches)	Curb Recommendation
1,941	0.033	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
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See Appendix for definitions and formulas



Grand Canyon National Park

ROUTE 0989HZ: PAIUTE APARTMENTS PARKING H

Subcomponent of Route GRCA-0989ZZ
Manual Rating

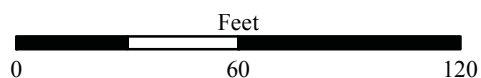
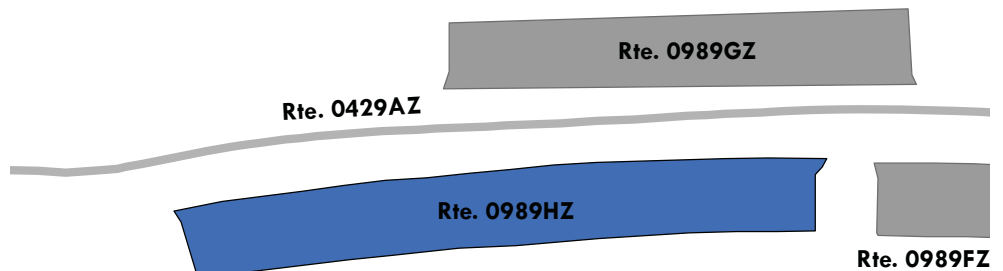
ADJACENT TO ROUTE 0429AZ (PAIUTE CIRCLE A) ON LEFT

Inspection Date	FMSS Number	User Access	Surface Type
5/16/2016	90500	PUBLIC	ASPHALT
Area (Sq. Ft.)	Lane Miles (11' Widths)	Curb Reveal (Inches)	Curb Recommendation
2,762	0.048	NOT APPLICABLE	DO NOTHING
Curb Type		Curb & Gutter Type	
NO CURB		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
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See Appendix for definitions and formulas



Grand Canyon National Park

ROUTE 0990ZZ: TUSAYAN MUSEUM AND RUIN PARKING AREAS

Summary Route
Manual Rating

ADJACENT TO ROUTE 0266 (TUSAYAN RUIN ROAD)

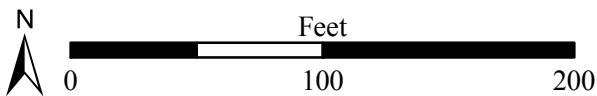
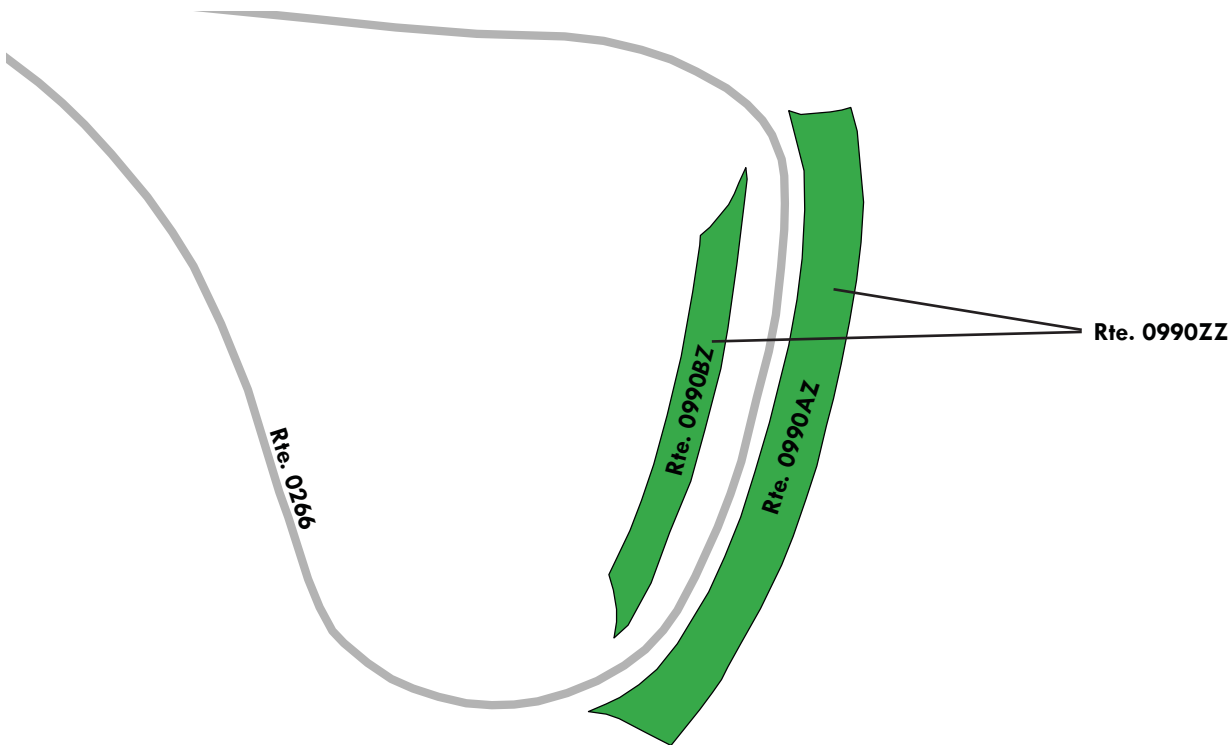
Inspection Date	FMSS Number	User Access	Surface Type
5/18/2016	90501	PUBLIC	ASPHALT
Area (Sq. Ft.)	Lane Miles (11' Widths)	Condition Rating / PCR	
7,025	0.121	SUMMARY / 90	

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.



Grand Canyon National Park

ROUTE 0990AZ: TUSAYAN MUSEUM AND RUIN PARKING A

Subcomponent of Route GRCA-0990ZZ

Manual Rating

ADJACENT TO ROUTE 0266 (TUSAYAN RUIN ROAD) ON RIGHT

Inspection Date	FMSS Number	User Access	Surface Type
5/18/2016	90501	PUBLIC	ASPHALT
Area (Sq. Ft.)	Lane Miles (11' Widths)	Curb Reveal (Inches)	Curb Recommendation
4,891	0.084	5	DO NOTHING
Curb Type		Curb & Gutter Type	
STONE		NO CURB AND GUTTER	
Pavement Recommendation		Condition Rating / PCR	
PREVENTIVE MAINTENANCE		GOOD / 90	

Route Condition Legend – Pavement Condition Rating (PCR)

Poor (0 - 60)

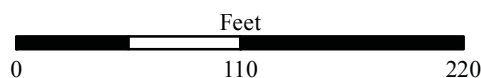
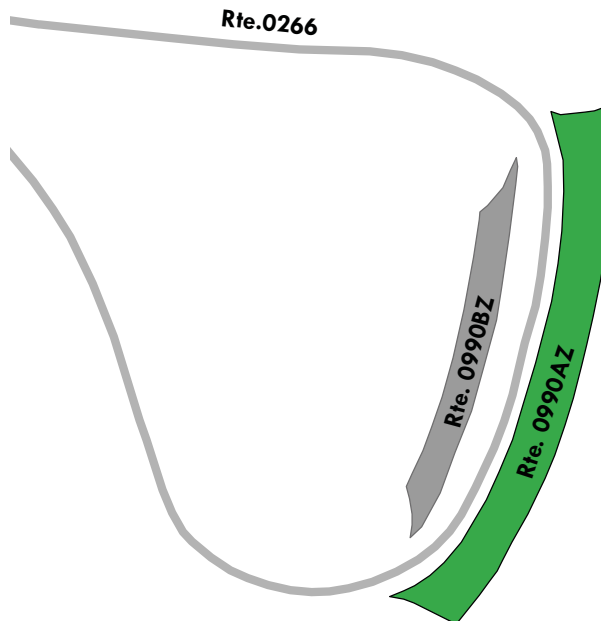
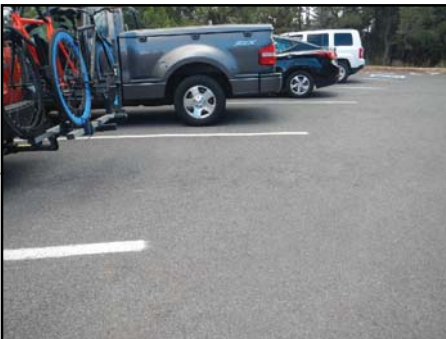
Fair (61- 84)

Good (85 - 94)

Excellent (95 - 100)

Not Rated

See Appendix for definitions and formulas



Grand Canyon National Park

ROUTE 0990BZ: TUSAYAN MUSEUM AND RUIN PARKING B

Subcomponent of Route GRCA-0990ZZ

Manual Rating

ADJACENT TO ROUTE 0266 (TUSAYAN RUIN ROAD) ON LEFT

Inspection Date	FMSS Number	User Access	Surface Type
5/18/2016	90501	PUBLIC	ASPHALT
Area (Sq. Ft.)	Lane Miles (11' Widths)	Curb Reveal (Inches)	Curb Recommendation
2,134	0.037	6	DO NOTHING
Curb Type		Curb & Gutter Type	
STONE		NO CURB AND GUTTER	
Pavement Recommendation		Condition Rating / PCR	
PREVENTIVE MAINTENANCE		GOOD / 90	

Route Condition Legend – Pavement Condition Rating (PCR)

Poor (0 - 60)

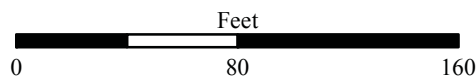
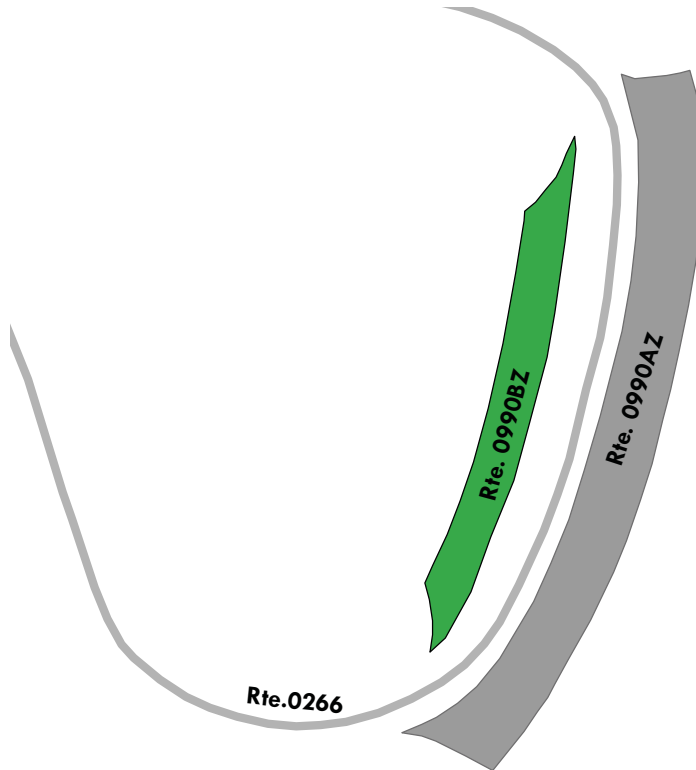
Fair (61- 84)

Good (85 - 94)

Excellent (95 - 100)

Not Rated

See Appendix for definitions and formulas



Grand Canyon National Park

ROUTE 0991ZZ: MORAN POINT PARKING AREAS

Summary Route
Manual Rating

ADJACENT TO ROUTE 0265 (MORAN POINT ROAD)

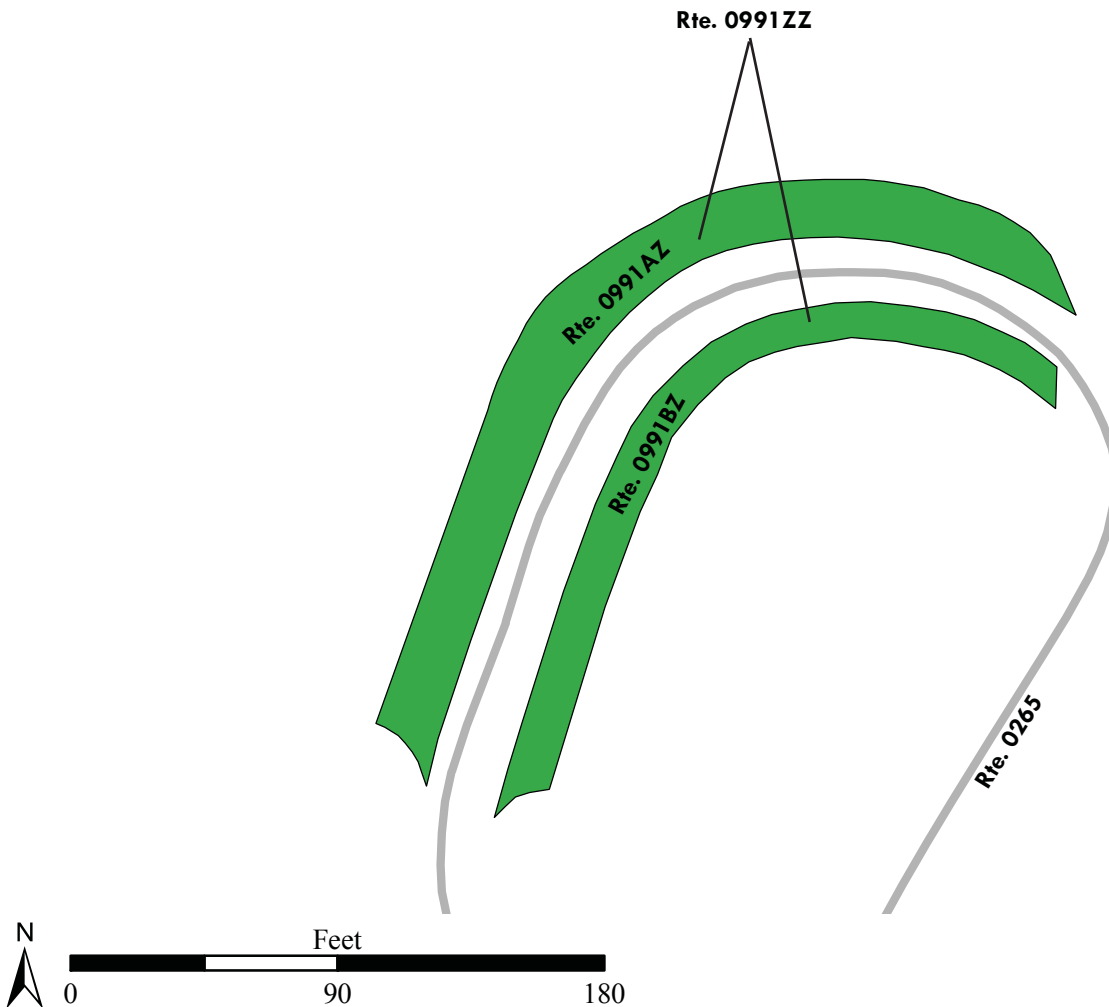
Inspection Date	FMSS Number	User Access	Surface Type
5/18/2016	90503	PUBLIC	ASPHALT
Area (Sq. Ft.)	Lane Miles (11' Widths)	Condition Rating / PCR	
8,710	0.15	SUMMARY / 90	

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.



Grand Canyon National Park

ROUTE 0991AZ: MORAN POINT PARKING A

Subcomponent of Route GRCA-0991ZZ

Manual Rating

ADJACENT TO ROUTE 0265 (MORAN POINT ROAD) ON RIGHT

Inspection Date	FMSS Number	User Access	Surface Type
5/18/2016	90503	PUBLIC	ASPHALT
Area (Sq. Ft.)	Lane Miles (11' Widths)	Curb Reveal (Inches)	Curb Recommendation
5,558	0.096	5	DO NOTHING
Curb Type		Curb & Gutter Type	
STONE		NO CURB AND GUTTER	
Pavement Recommendation		Condition Rating / PCR	
PREVENTIVE MAINTENANCE		GOOD / 90	

Route Condition Legend – Pavement Condition Rating (PCR)

Poor (0 - 60)

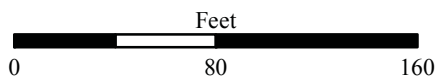
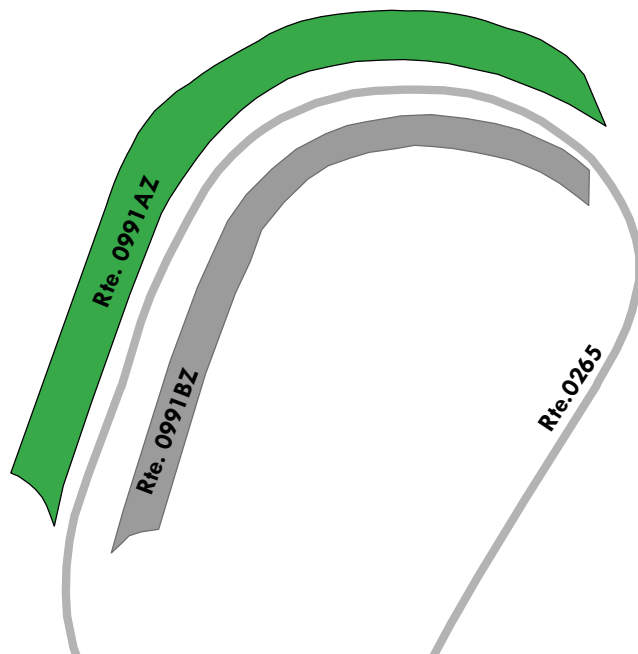
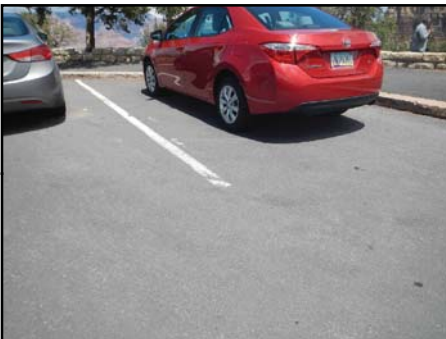
Fair (61- 84)

Good (85 - 94)

Excellent (95 - 100)

Not Rated

See Appendix for definitions and formulas



Grand Canyon National Park

ROUTE 0991BZ: MORAN POINT PARKING B

Subcomponent of Route GRCA-0991ZZ

Manual Rating

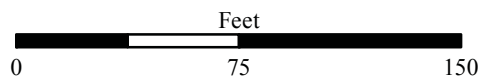
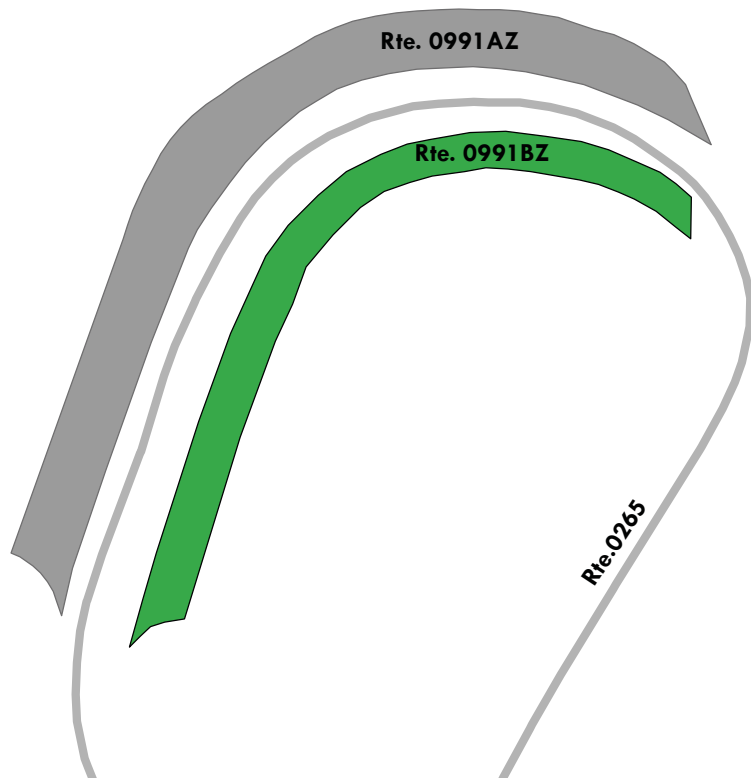
ADJACENT TO ROUTE 0265 (MORAN POINT ROAD) ON LEFT

Inspection Date	FMSS Number	User Access	Surface Type
5/18/2016	90503	PUBLIC	ASPHALT
Area (Sq. Ft.)	Lane Miles (11' Widths)	Curb Reveal (Inches)	Curb Recommendation
3,152	0.054	6	DO NOTHING
Curb Type		Curb & Gutter Type	
STONE		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



Grand Canyon National Park

ROUTE 0993: BOOK STORE EMPLOYEE PARKING

Manual Rating

FROM ROUTE 1054ZZ (VISITOR CENTER PARKING AREAS)

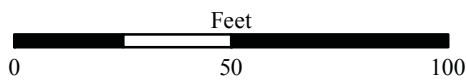
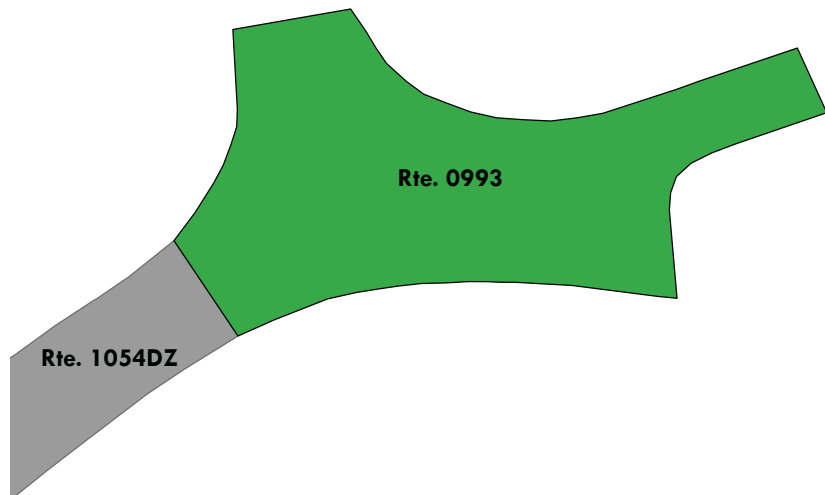
TO PARKING

Inspection Date	FMSS Number	User Access	Surface Type
5/17/2016	90380	NONPUBLIC	ASPHALT
Area (Sq. Ft.)	Lane Miles (11' Widths)	Curb Reveal (Inches)	Curb Recommendation
4,763	0.082	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



Grand Canyon National Park

ROUTE 0994: TRAILER VILLAGE DORM PARKING

Manual Rating

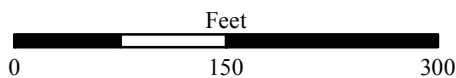
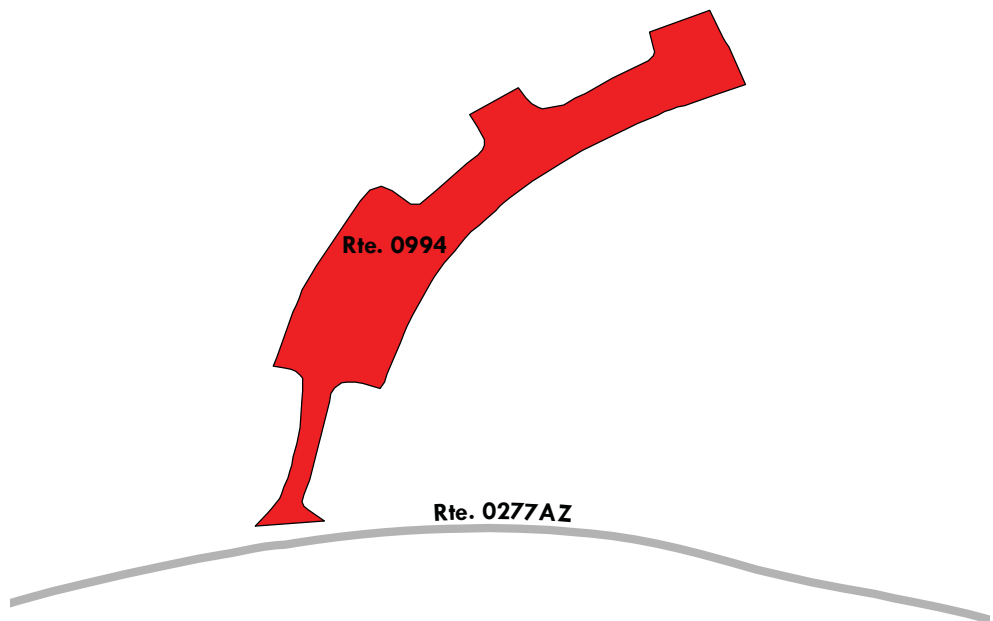
FROM ROUTE 0277ZZ (TRAILER VILLAGE OUTER LOOP ROADS)
TO PARKING

Inspection Date	FMSS Number	User Access	Surface Type
5/17/2016	90505	PUBLIC	ASPHALT
Area (Sq. Ft.)	Lane Miles (11' Widths)	Curb Reveal (Inches)	Curb Recommendation
18,917	0.326	5	DO NOTHING
Curb Type		Curb & Gutter Type	
STONE		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



Grand Canyon National Park

ROUTE 0995: DAY CARE AND RECREATION CENTER PARKING

Manual Rating

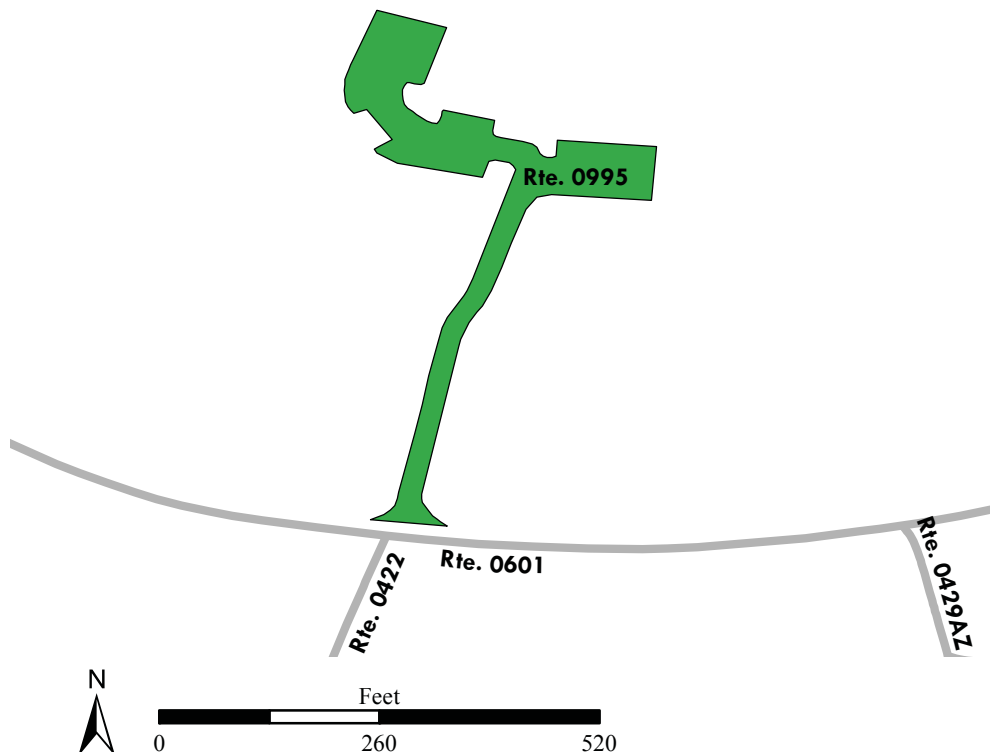
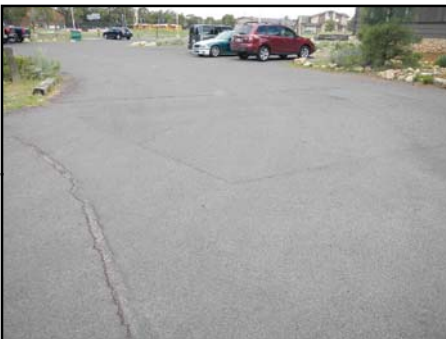
FROM INTERSECTION OF ROUTES 0601 (ALBRIGHT AVENUE) AND 0422 (SOUTH MOHAVE STREET)
TO PARKING

Inspection Date	FMSS Number	User Access	Surface Type
5/16/2016	90382	PUBLIC	ASPHALT
Area (Sq. Ft.)	Lane Miles (11' Widths)	Curb Reveal (Inches)	Curb Recommendation
32,621	0.562	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



Grand Canyon National Park

ROUTE 0996: YAVAPAI LODGE BUS PARKING

Manual Rating

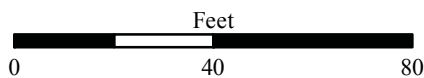
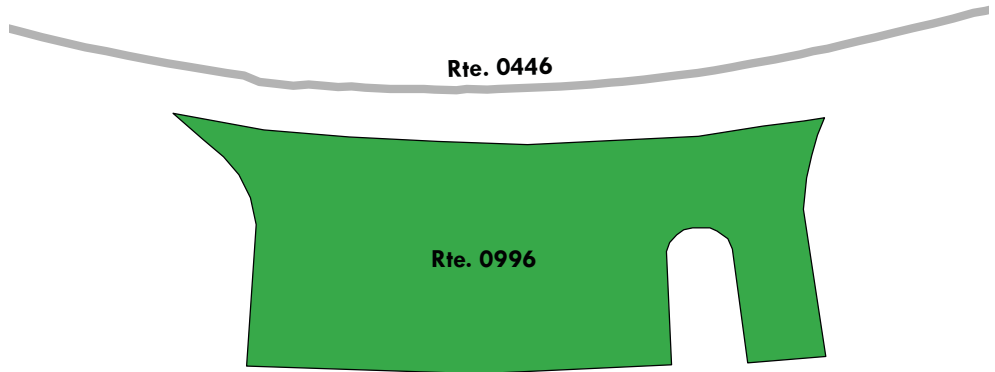
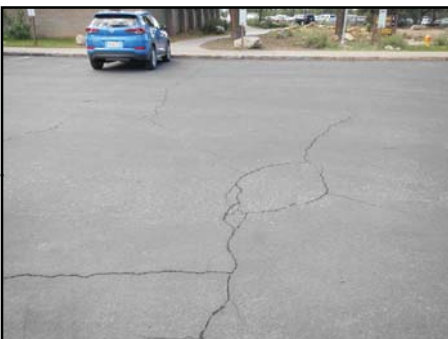
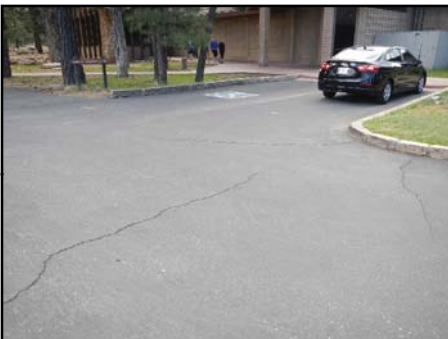
ADJACENT TO ROUTE 0446 (YAVAPAI LODGE ROAD)

Inspection Date	FMSS Number	User Access	Surface Type
5/17/2016	90506	PUBLIC	ASPHALT
Area (Sq. Ft.)	Lane Miles (11' Widths)	Curb Reveal (Inches)	Curb Recommendation
4,010	0.069	5	DO NOTHING
Curb Type		Curb & Gutter Type	
STONE		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



Grand Canyon National Park

ROUTE 0997: CAMPGROUND REGISTRATION/ CAMPFIRE PROGRAM PARKING

Manual Rating

FROM ROUTE 0201 (NORTH RIM CAMPGROUND ROAD)

TO ROUTE 0273ZZ (NORTH RIM CAMPGROUND ROADS)

Inspection Date	FMSS Number	User Access	Surface Type
5/19/2016	90508	PUBLIC	ASPHALT
Area (Sq. Ft.)	Lane Miles (11' Widths)	Curb Reveal (Inches)	Curb Recommendation
19,221	0.331	7	DO NOTHING
Curb Type		Curb & Gutter Type	
STONE		NO CURB AND GUTTER	
Pavement Recommendation		Condition Rating / PCR	
PREVENTIVE MAINTENANCE		GOOD / 90	

Route Condition Legend – Pavement Condition Rating (PCR)

Poor (0 - 60)

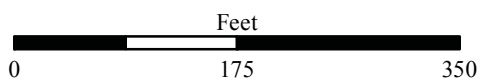
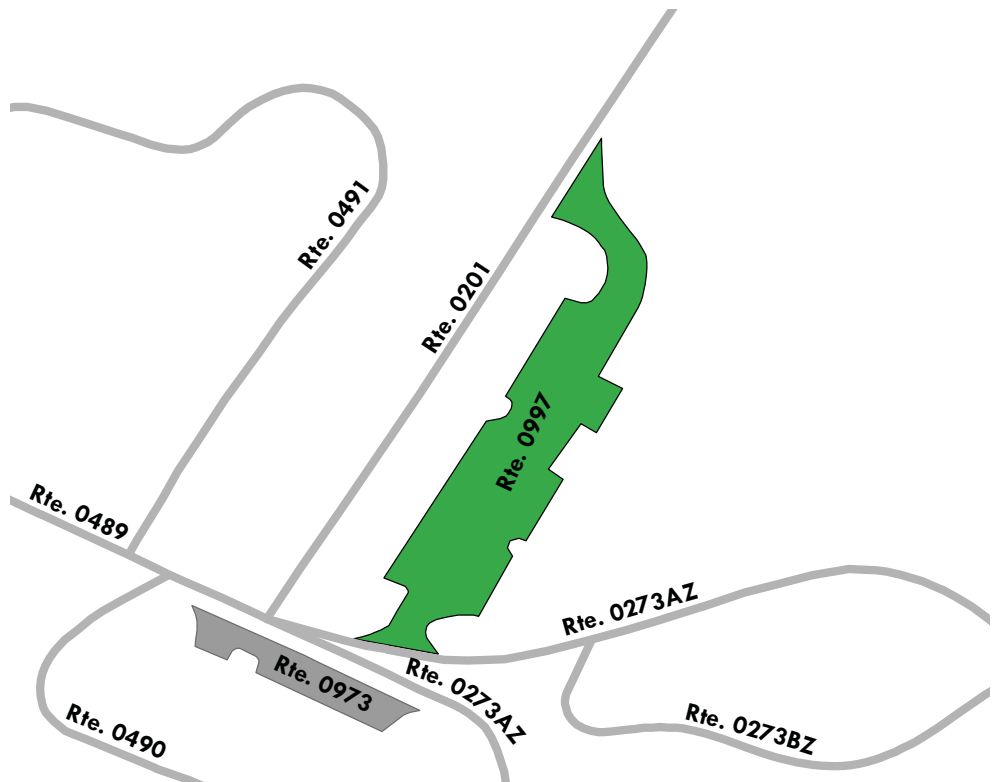
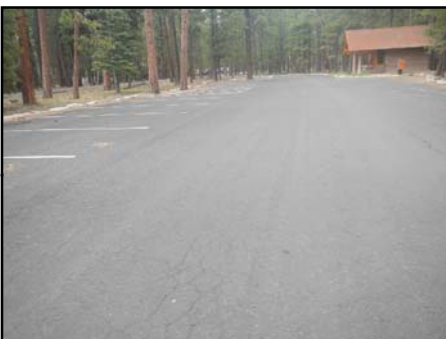
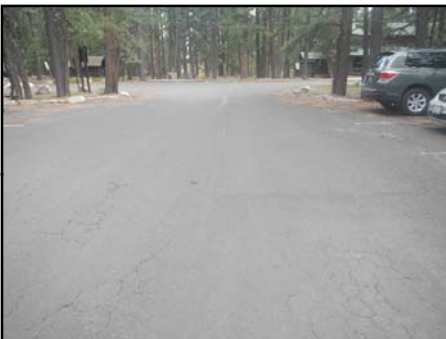
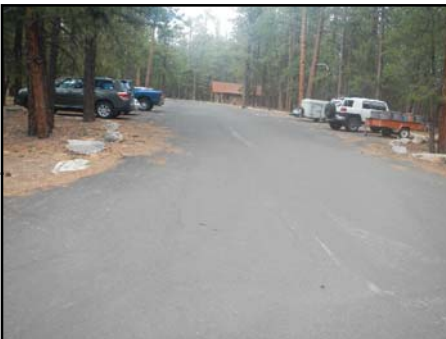
Fair (61- 84)

Good (85 - 94)

Excellent (95 - 100)

Not Rated

See Appendix for definitions and formulas



Grand Canyon National Park

ROUTE 0998: NORTH RIM CAMPGROUND DUMP STATION

Manual Rating

FROM ROUTE 0273ZZ (TO ROUTE 0273ZZ (NORTH RIM CAMPGROUND ROADS))
TO ROUTE 0273ZZ (NORTH RIM CAMPGROUND ROADS)

Inspection Date	FMSS Number	User Access	Surface Type
5/19/2016	90509	PUBLIC	ASPHALT
Area (Sq. Ft.)	Lane Miles (11' Widths)	Curb Reveal (Inches)	Curb Recommendation
6,700	0.115	NOT APPLICABLE	NOT APPLICABLE
Curb Type		Curb & Gutter Type	
NO CURB		NO CURB AND GUTTER	
Pavement Recommendation		Condition Rating / PCR	
NOT APPLICABLE		NOT RATED / -1	

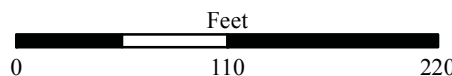
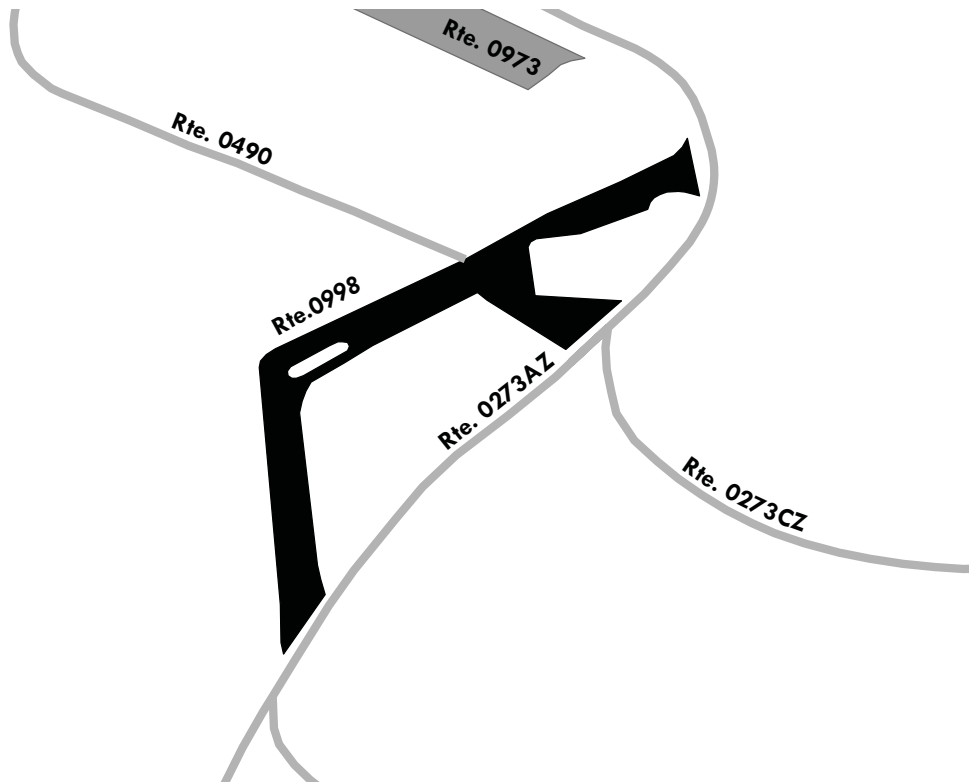
Route Condition Legend – Pavement Condition Rating (PCR)

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



Pavement condition was not rated because surface was covered by debris.



Grand Canyon National Park

ROUTE 0999: NEW MAINTENANCE AREA

Manual Rating

FROM END OF ROUTE 0428 (SHUTTLE BUS ROAD)

TO PARKING

Inspection Date	FMSS Number	User Access	Surface Type
5/17/2016	90383	PUBLIC	ASPHALT
Area (Sq. Ft.)	Lane Miles (11' Widths)	Curb Reveal (Inches)	Curb Recommendation
184,271	3.173	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)

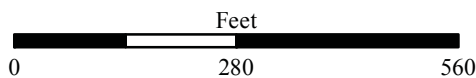
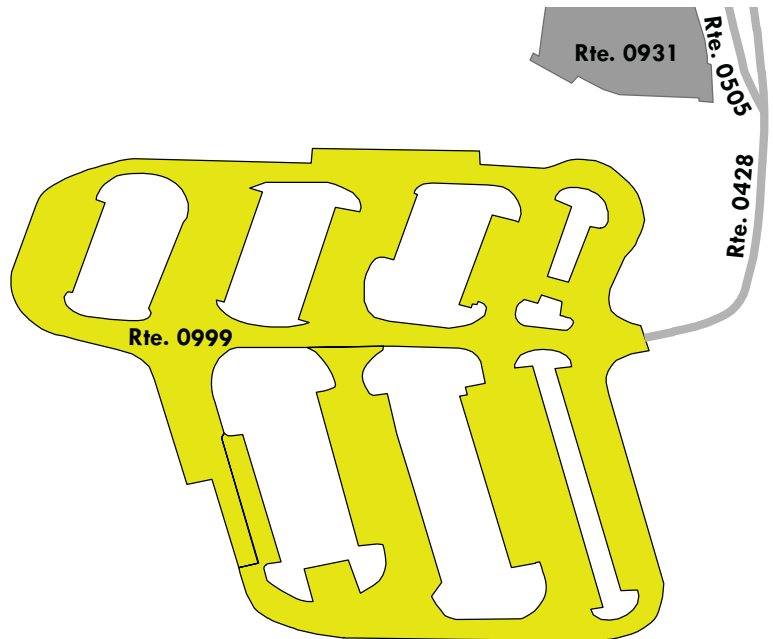
Excellent (95 - 100)

Not Rated

See Appendix for definitions and formulas



Parking area consists of multiple surface types; 1 part asphalt at 125,843 square feet and 5 parts concrete at 58,428 square feet.



Grand Canyon National Park

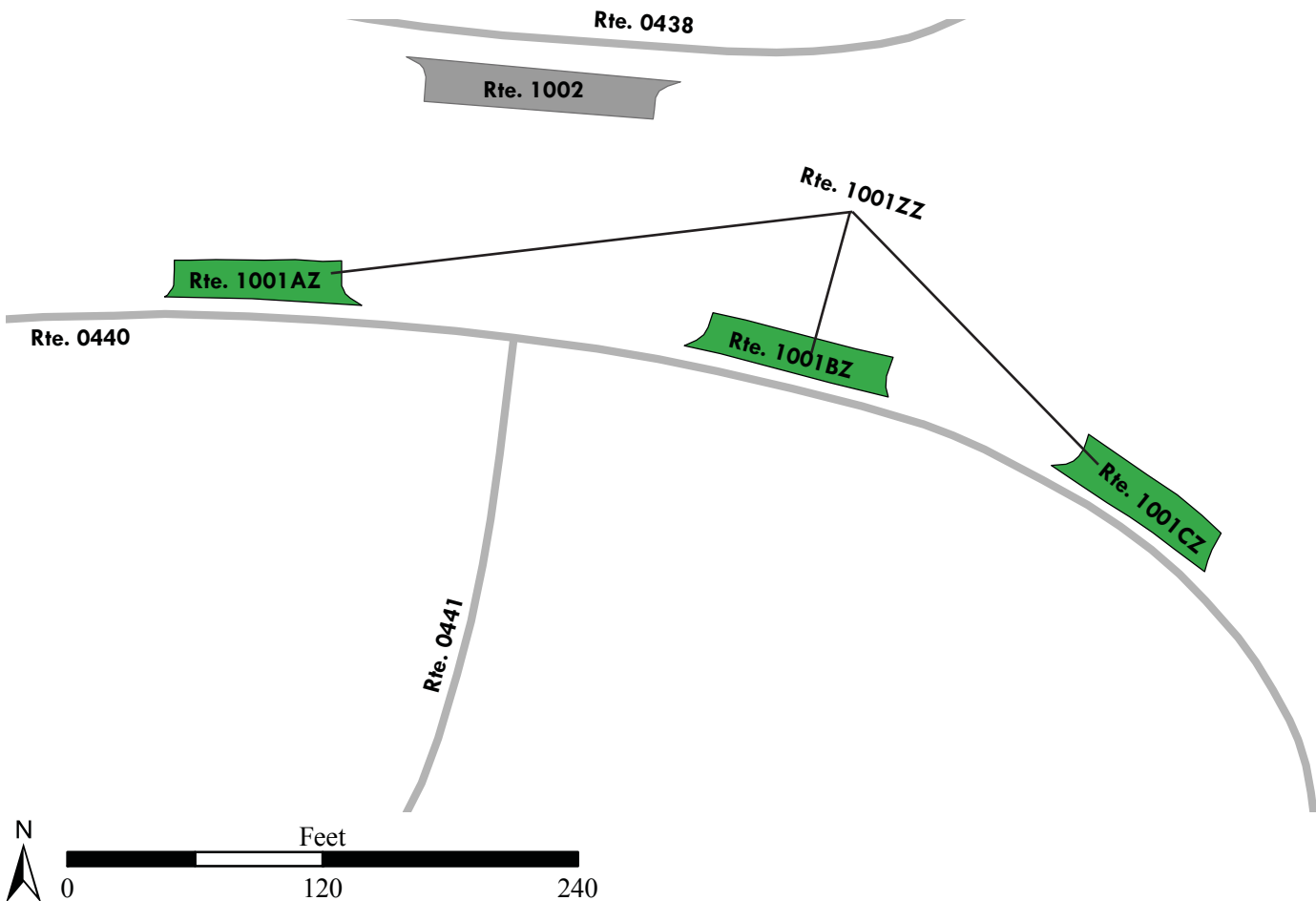
ROUTE 1001ZZ: RANDY THOMPSON CIRCLE PARKING AREAS

Summary Route
Manual Rating

ADJACENT TO ROUTE 0440 (RANDY THOMPSON CIRCLE)

Inspection Date	FMSS Number	User Access	Surface Type
5/16/2016	90385	PUBLIC	ASPHALT
Area (Sq. Ft.)	Lane Miles (11' Widths)	Condition Rating / PCR	
3,888	0.067	SUMMARY / 90	
Route Condition Legend – Pavement Condition Rating (PCR)			
Poor (0 - 60)	Fair (61- 84)	Good (85 - 94)	Excellent (95 - 100)
			Not Rated
See Appendix for definitions and formulas			

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



Grand Canyon National Park

ROUTE 1001AZ: RANDY THOMPSON CIRCLE PARKING A

Subcomponent of Route GRCA-1001ZZ
Manual Rating

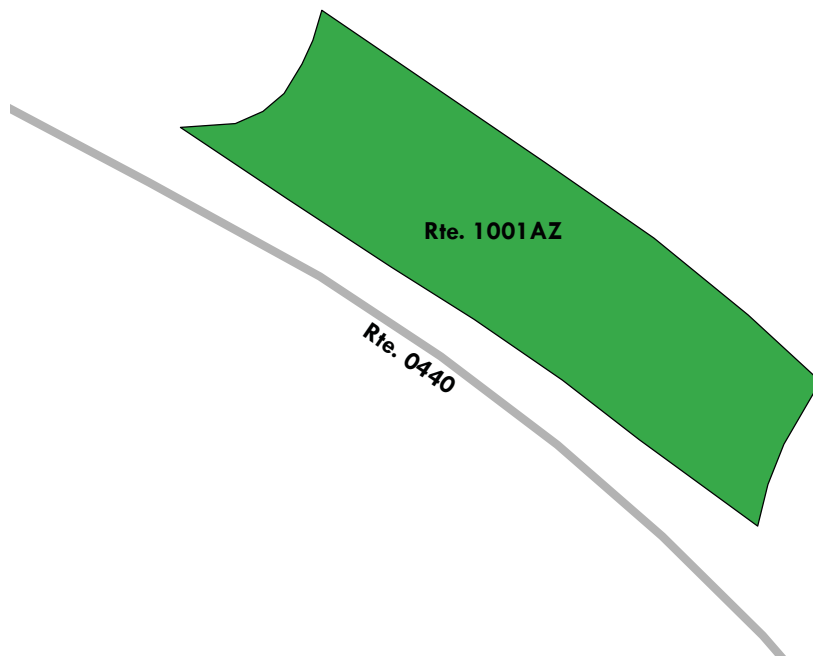
ADJACENT TO ROUTE 0440 (RANDY THOMPSON CIRCLE) AT MP 0.33

Inspection Date	FMSS Number	User Access	Surface Type
5/16/2016	90385	PUBLIC	ASPHALT
Area (Sq. Ft.)	Lane Miles (11' Widths)	Curb Reveal (Inches)	Curb Recommendation
1,342	0.023	5	LIGHT REPAIR
Curb Type		Curb & Gutter Type	
STONE		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



Grand Canyon National Park

ROUTE 1001BZ: RANDY THOMPSON CIRCLE PARKING B

Subcomponent of Route GRCA-1001ZZ
Manual Rating

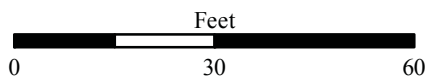
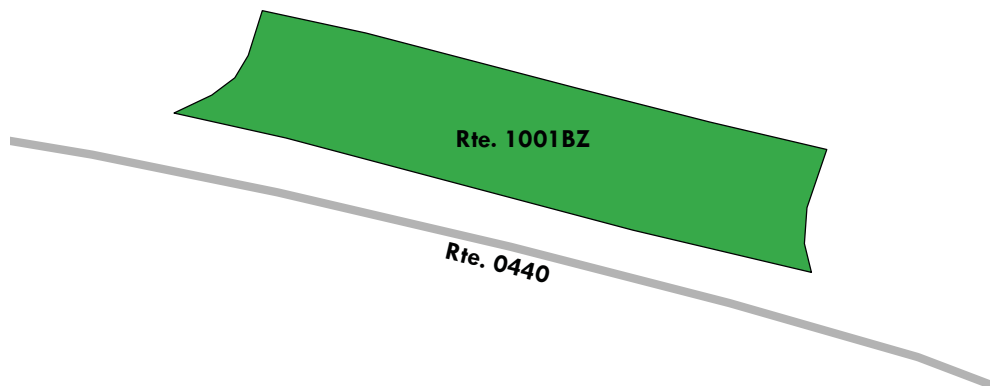
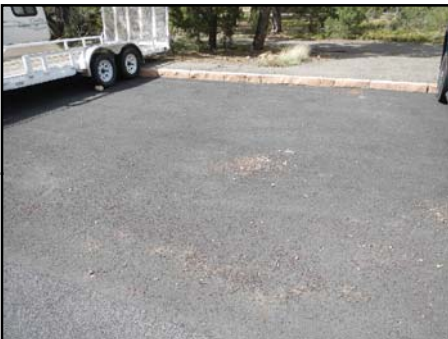
ADJACENT TO ROUTE 0440 (RANDY THOMPSON CIRCLE) AT MP 0.36

Inspection Date	FMSS Number	User Access	Surface Type
5/16/2016	90385	PUBLIC	ASPHALT
Area (Sq. Ft.)	Lane Miles (11' Widths)	Curb Reveal (Inches)	Curb Recommendation
1,327	0.023	5	DO NOTHING
Curb Type		Curb & Gutter Type	
STONE		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



Grand Canyon National Park

ROUTE 1001CZ: RANDY THOMPSON CIRCLE PARKING C

Subcomponent of Route GRCA-1001ZZ
Manual Rating

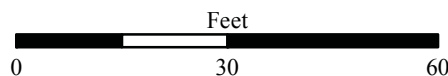
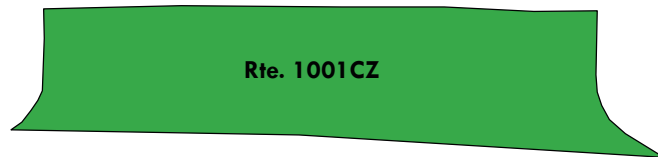
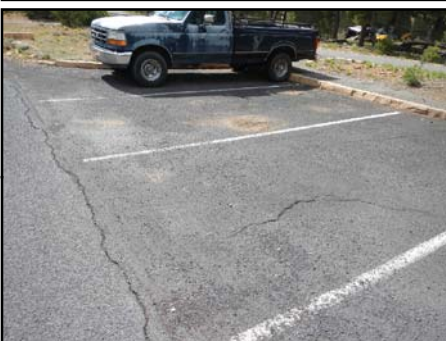
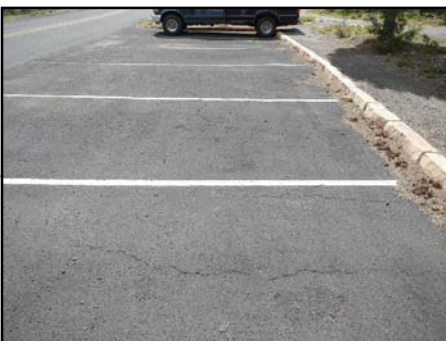
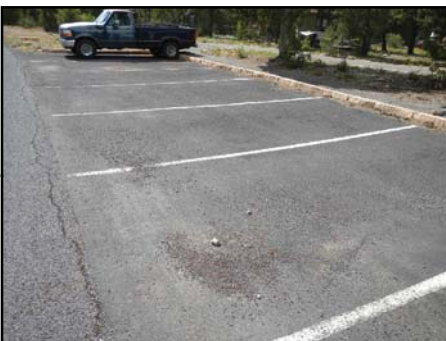
ADJACENT TO ROUTE 0440 (RANDY THOMPSON CIRCLE) AT MP 0.40

Inspection Date	FMSS Number	User Access	Surface Type
5/16/2016	90385	PUBLIC	ASPHALT
Area (Sq. Ft.)	Lane Miles (11' Widths)	Curb Reveal (Inches)	Curb Recommendation
1,219	0.021	5	DO NOTHING
Curb Type		Curb & Gutter Type	
STONE		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



Grand Canyon National Park

ROUTE 1002: BARRY HANCE CIRCLE PARKING

Manual Rating

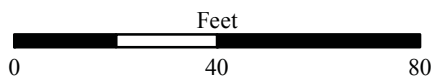
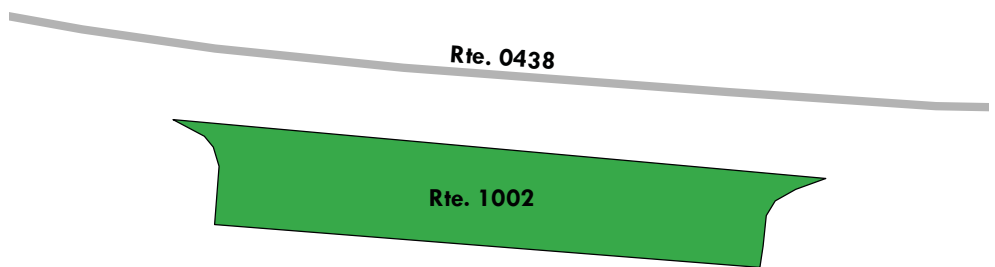
ADJACENT TO ROUTE 0438 (BARRY HANCE CIRCLE)

Inspection Date	FMSS Number	User Access	Surface Type
5/16/2016	90388	PUBLIC	ASPHALT
Area (Sq. Ft.)	Lane Miles (11' Widths)	Curb Reveal (Inches)	Curb Recommendation
1,735	0.03	5	LIGHT REPAIR
Curb Type		Curb & Gutter Type	
STONE		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



Grand Canyon National Park

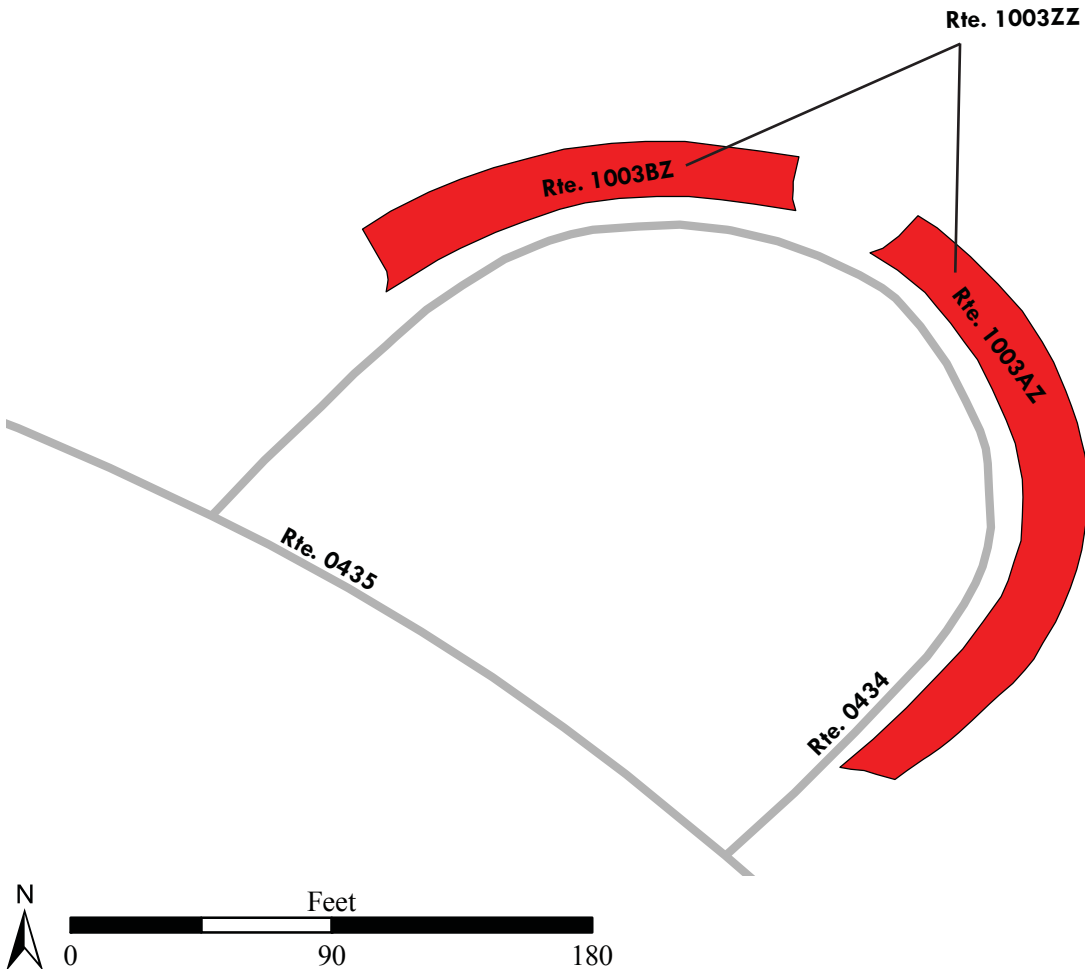
ROUTE 1003ZZ: HERMIT CIRCLE PARKING AREAS

Summary Route
Manual Rating

ADJACENT TO ROUTE 0434 (HERMIT CIRCLE)

Inspection Date	FMSS Number	User Access	Surface Type
5/16/2016	90511	PUBLIC	ASPHALT
Area (Sq. Ft.)	Lane Miles (11' Widths)	Condition Rating / PCR	
6,296	0.108	SUMMARY / 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			

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



Grand Canyon National Park

ROUTE 1003AZ: HERMIT CIRCLE PARKING A

Subcomponent of Route GRCA-1003ZZ
Manual Rating

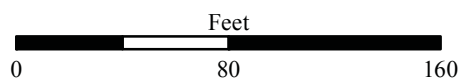
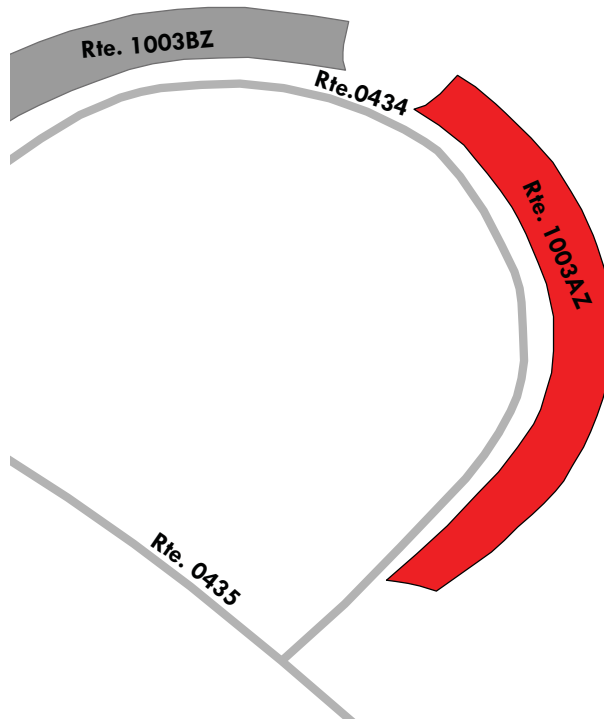
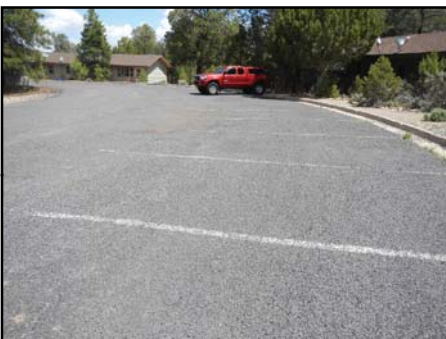
ADJACENT TO ROUTE 0434 (HERMIT CIRCLE)

Inspection Date	FMSS Number	User Access	Surface Type
5/16/2016	90511	PUBLIC	ASPHALT
Area (Sq. Ft.)	Lane Miles (11' Widths)	Curb Reveal (Inches)	Curb Recommendation
3,850	0.066	NOT APPLICABLE	LIGHT REPAIR
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



Grand Canyon National Park

ROUTE 1003BZ: HERMIT CIRCLE PARKING B

Subcomponent of Route GRCA-1003ZZ
Manual Rating

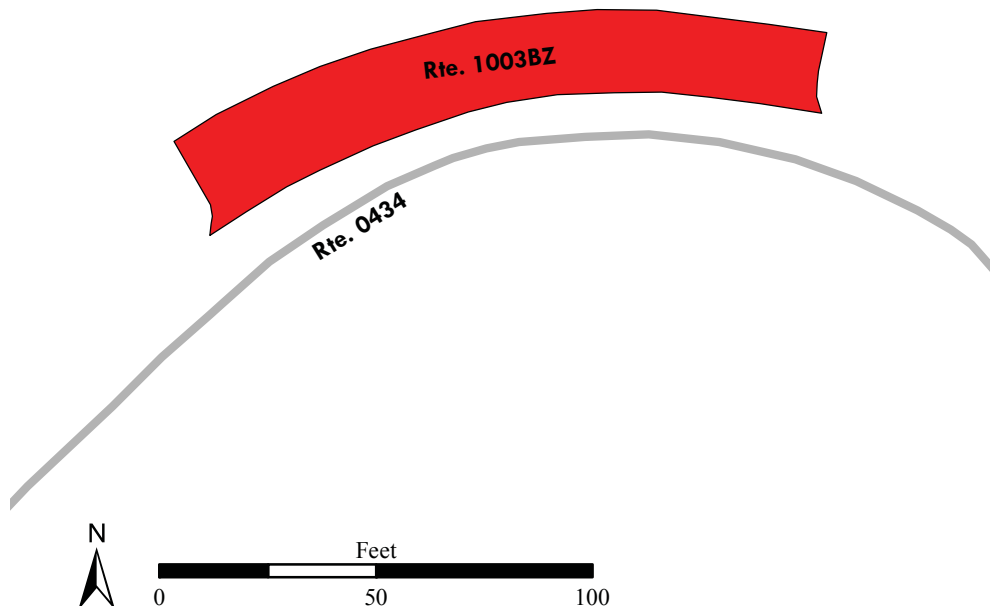
ADJACENT TO ROUTE 0434 (HERMIT CIRCLE)

Inspection Date	FMSS Number	User Access	Surface Type
5/16/2016	90511	PUBLIC	ASPHALT
Area (Sq. Ft.)	Lane Miles (11' Widths)	Curb Reveal (Inches)	Curb Recommendation
2,446	0.042	NOT APPLICABLE	MODERATE REPAIR
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



Grand Canyon National Park

ROUTE 1004: MOHAVE SOUTH STREET PARKING

Manual Rating

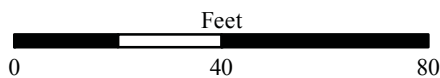
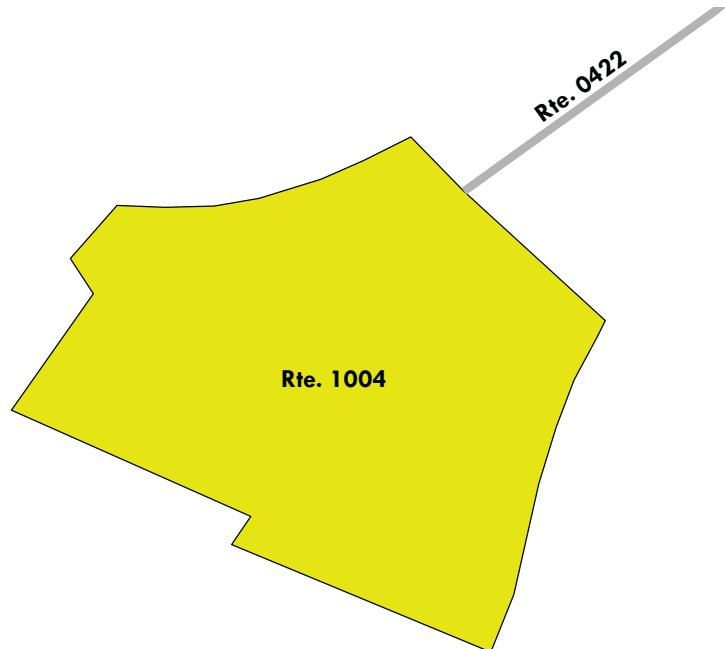
FROM END OF ROUTE 0422 (SOUTH MOHAVE STREET)
TO PARKING

Inspection Date	FMSS Number	User Access	Surface Type
5/16/2016	90513	PUBLIC	ASPHALT
Area (Sq. Ft.)	Lane Miles (11' Widths)	Curb Reveal (Inches)	Curb Recommendation
5,326	0.092	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



Grand Canyon National Park

ROUTE 1005: CONCESSION APARTMENT PARKING

Manual Rating

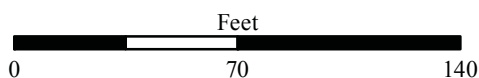
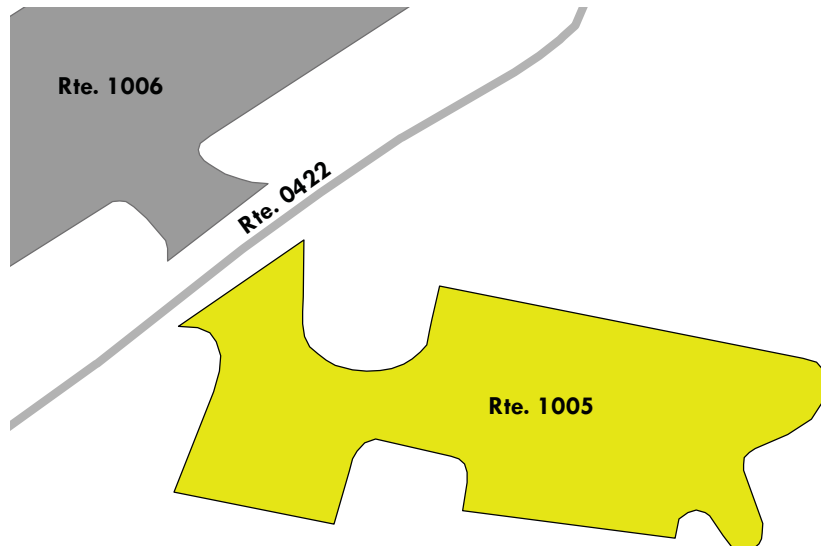
FROM ROUTE 0422 (SOUTH MOHAVE STREET) ON LEFT
TO PARKING

Inspection Date	FMSS Number	User Access	Surface Type
5/16/2016	56581	PUBLIC	ASPHALT
Area (Sq. Ft.)	Lane Miles (11' Widths)	Curb Reveal (Inches)	Curb Recommendation
8,618	0.148	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



Grand Canyon National Park

ROUTE 1006: GRAND CANYON CONCESSION PARKING

Manual Rating

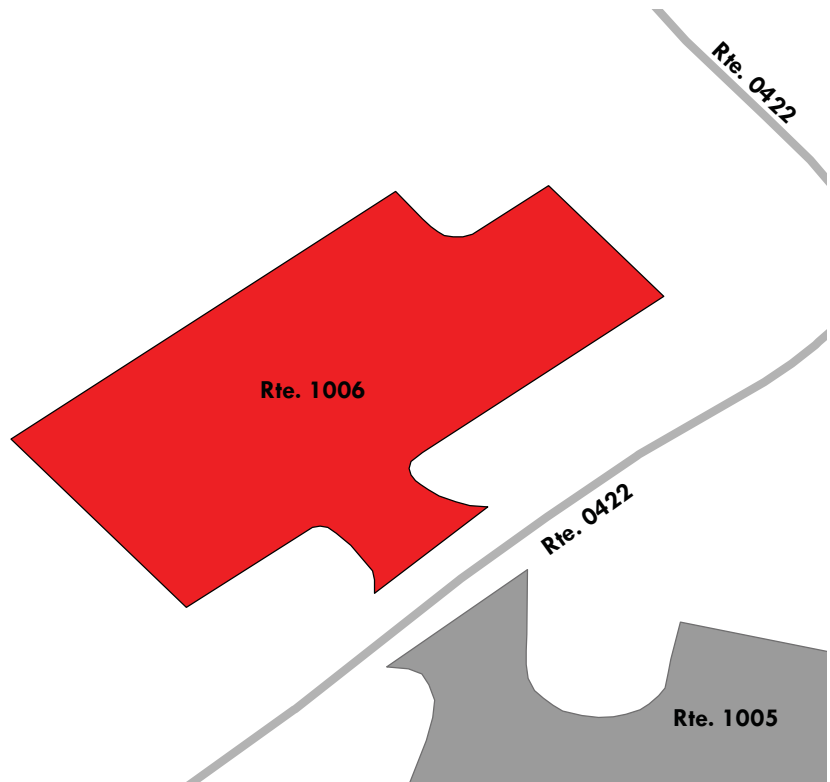
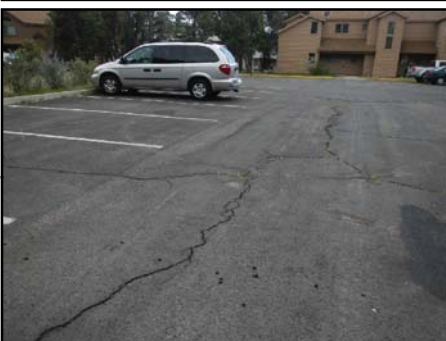
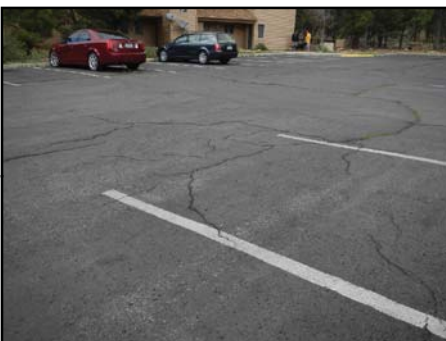
FROM ROUTE 0422 (SOUTH MOHAVE STREET) ON RIGHT
TO PARKING

Inspection Date	FMSS Number	User Access	Surface Type
5/16/2016	56582	PUBLIC	ASPHALT
Area (Sq. Ft.)	Lane Miles (11' Widths)	Curb Reveal (Inches)	Curb Recommendation
8,509	0.147	7	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



Grand Canyon National Park

ROUTE 1007ZZ: MOHAVE COURT PARKING AREAS

Summary Route
Manual Rating

ADJACENT TO ROUTE 0423 (MOHAVE COURT)

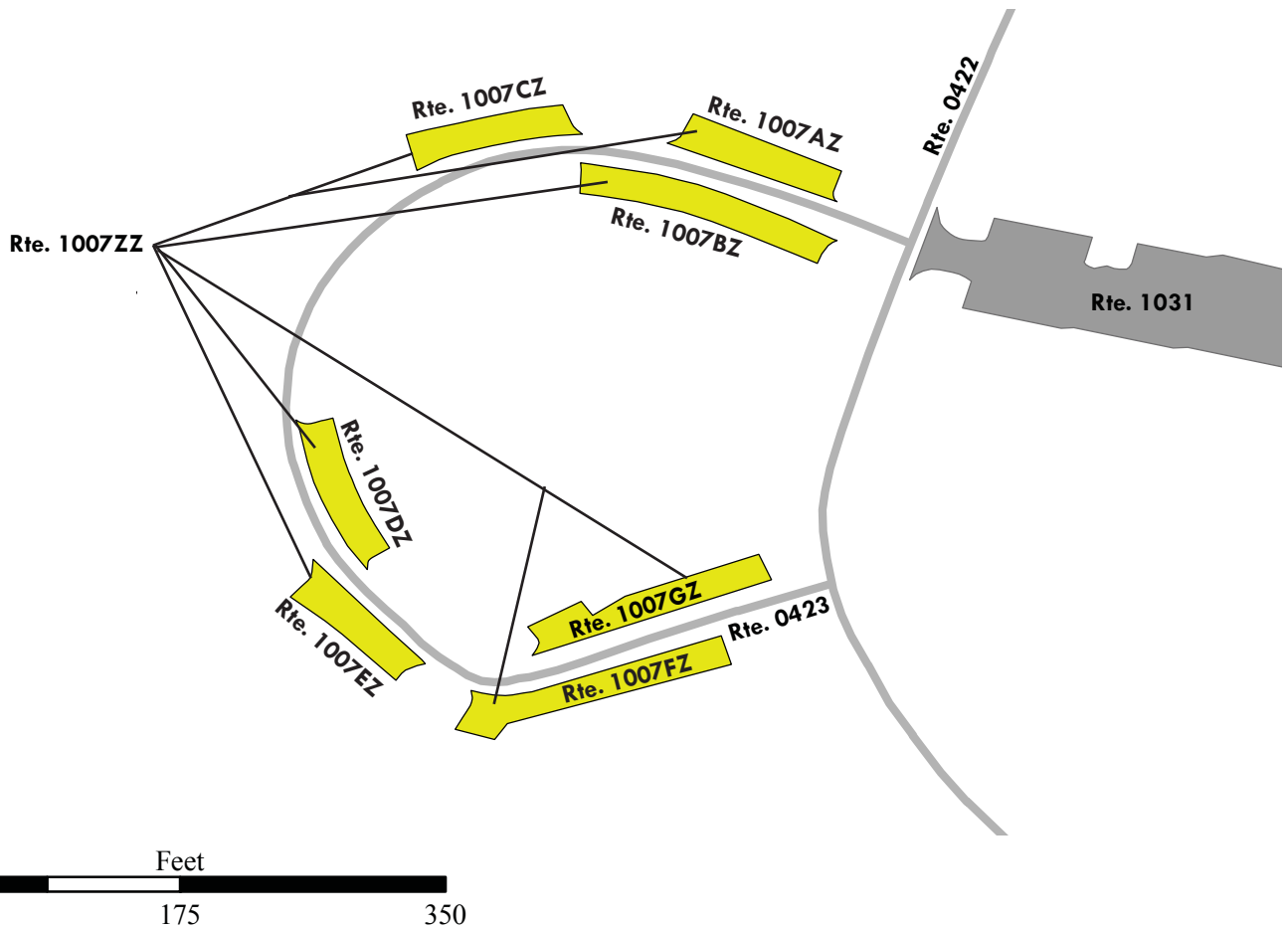
Inspection Date	FMSS Number	User Access	Surface Type
5/16/2016	90389	PUBLIC	ASPHALT
Area (Sq. Ft.)	Lane Miles (11' Widths)	Condition Rating / PCR	
15,200	0.262	SUMMARY / 74	

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.



Grand Canyon National Park

ROUTE 1007AZ: MOHAVE COURT PARKING A

Subcomponent of Route GRCA-1007ZZ
Manual Rating

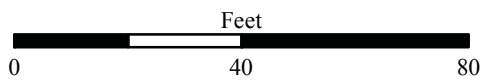
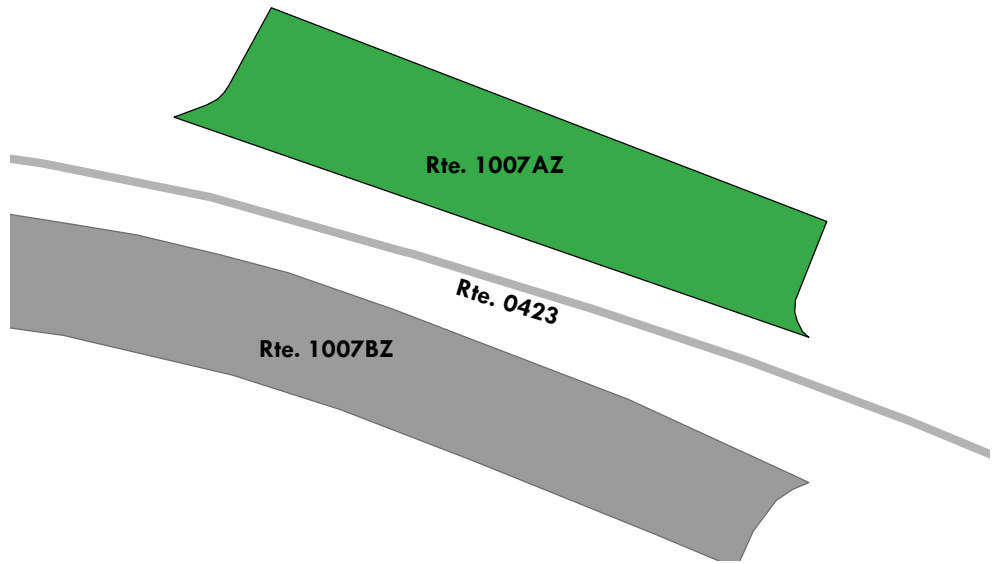
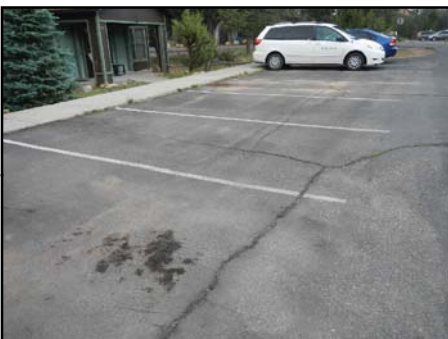
ADJACENT TO ROUTE 0423 (MOHAVE COURT) AT MP 0.02 ON RIGHT

Inspection Date	FMSS Number	User Access	Surface Type
5/16/2016	90389	PUBLIC	ASPHALT
Area (Sq. Ft.)	Lane Miles (11' Widths)	Curb Reveal (Inches)	Curb Recommendation
1,923	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
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See Appendix for definitions and formulas



Grand Canyon National Park

ROUTE 1007BZ: MOHAVE COURT PARKING B

Subcomponent of Route GRCA-1007ZZ
Manual Rating

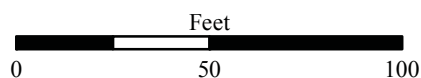
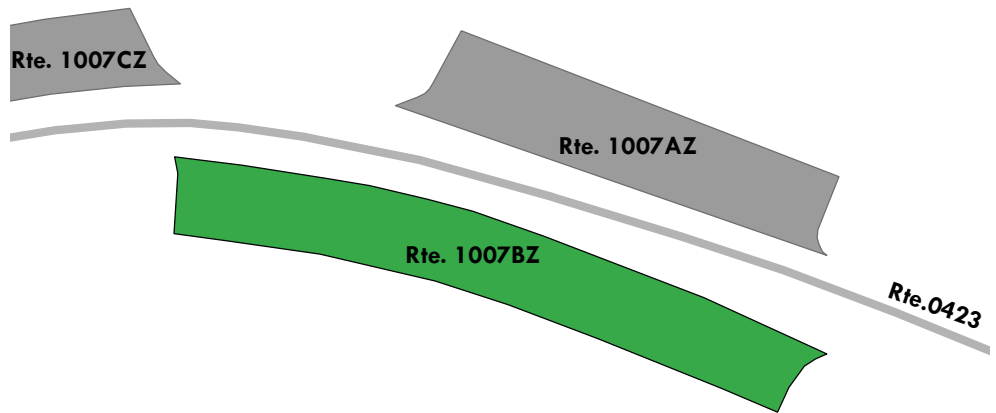
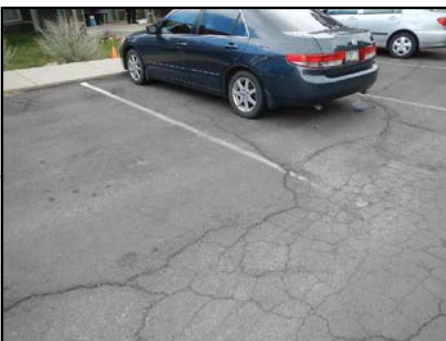
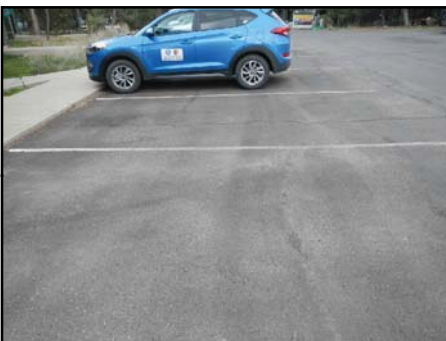
ADJACENT TO ROUTE 0423 (MOHAVE COURT) AT MP 0.02 ON LEFT

Inspection Date	FMSS Number	User Access	Surface Type
5/16/2016	90389	PUBLIC	ASPHALT
Area (Sq. Ft.)	Lane Miles (11' Widths)	Curb Reveal (Inches)	Curb Recommendation
2,714	0.047	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



Grand Canyon National Park

ROUTE 1007CZ: MOHAVE COURT PARKING C

Subcomponent of Route GRCA-1007ZZ
Manual Rating

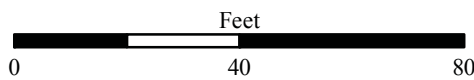
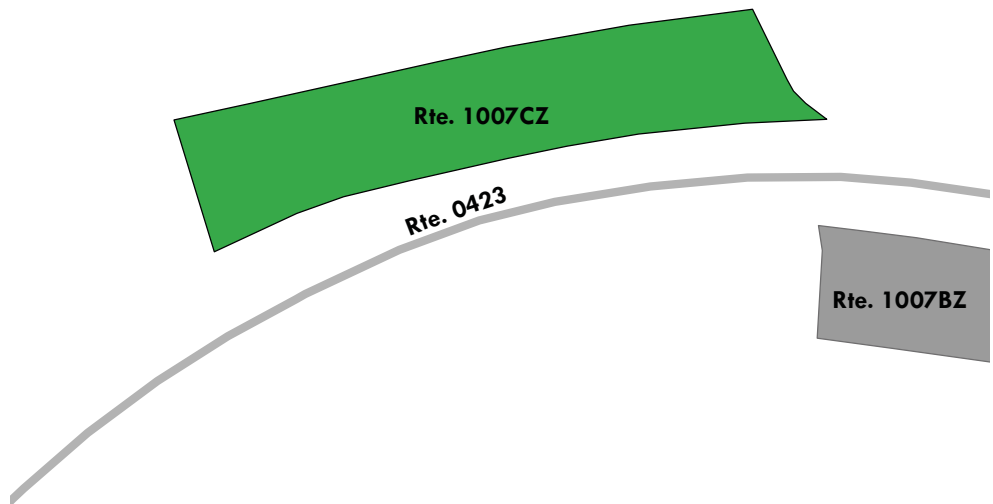
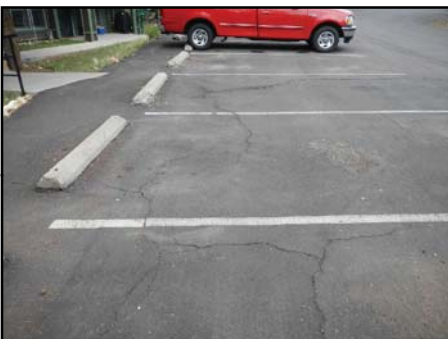
ADJACENT TO ROUTE 0423 (MOHAVE COURT) AT MP 0.04 ON RIGHT

Inspection Date	FMSS Number	User Access	Surface Type
5/16/2016	90389	PUBLIC	ASPHALT
Area (Sq. Ft.)	Lane Miles (11' Widths)	Curb Reveal (Inches)	Curb Recommendation
1,744	0.03	NOT APPLICABLE	NOT APPLICABLE
Curb Type		Curb & Gutter Type	
NO CURB		NO CURB AND GUTTER	
Pavement Recommendation		Condition Rating / PCR	
PREVENTIVE MAINTENANCE		GOOD / 90	

Route Condition Legend – Pavement Condition Rating (PCR)

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



Grand Canyon National Park

ROUTE 1007DZ: MOHAVE COURT PARKING D

Subcomponent of Route GRCA-1007ZZ
Manual Rating

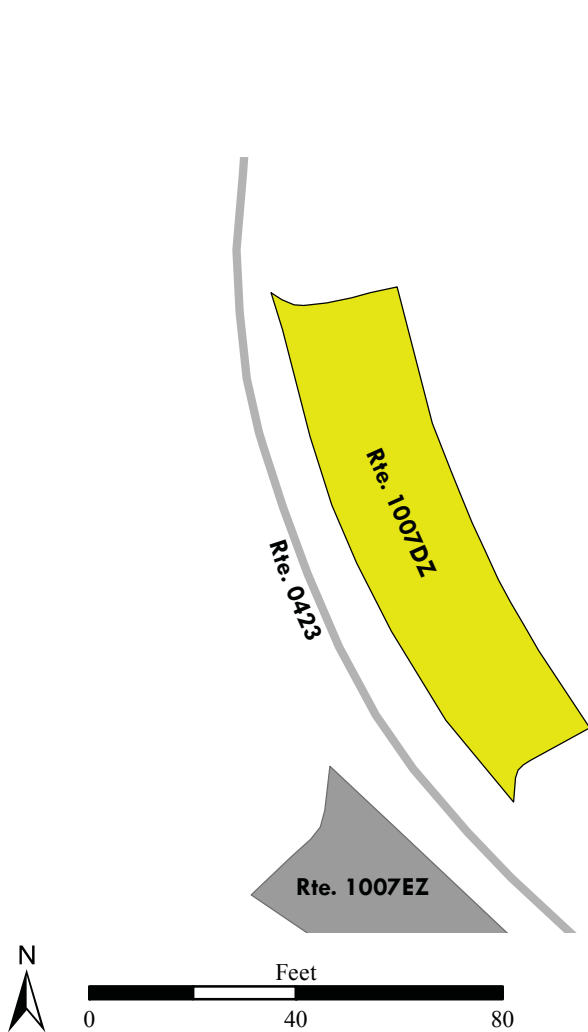
ADJACENT TO ROUTE 0423 (MOHAVE COURT) AT MP 0.10 ON LEFT

Inspection Date	FMSS Number	User Access	Surface Type
5/16/2016	90389	PUBLIC	ASPHALT
Area (Sq. Ft.)	Lane Miles (11' Widths)	Curb Reveal (Inches)	Curb Recommendation
1,834	0.032	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



Grand Canyon National Park

ROUTE 1007EZ: MOHAVE COURT PARKING E

Subcomponent of Route GRCA-1007ZZ
Manual Rating

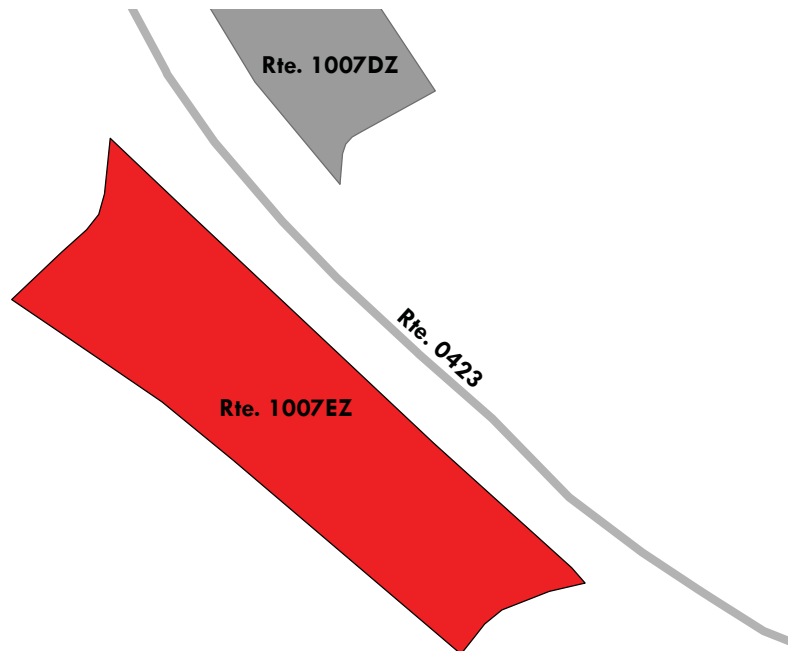
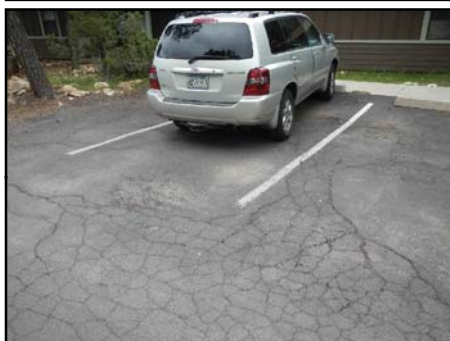
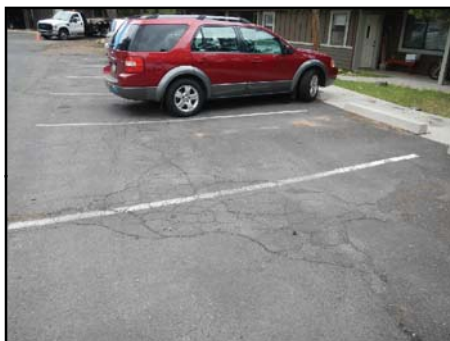
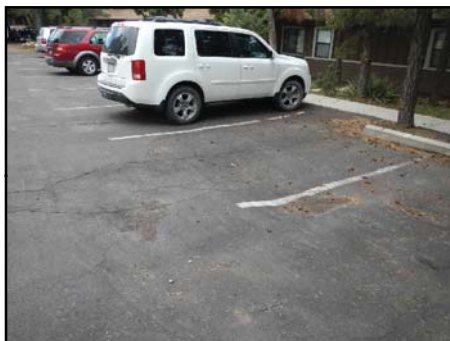
ADJACENT TO ROUTE 0423 (MOHAVE COURT) AT MP 0.11 ON RIGHT

Inspection Date	FMSS Number	User Access	Surface Type
5/16/2016	90389	PUBLIC	ASPHALT
Area (Sq. Ft.)	Lane Miles (11' Widths)	Curb Reveal (Inches)	Curb Recommendation
1,735	0.03	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



Grand Canyon National Park

ROUTE 1007FZ: MOHAVE COURT PARKING F

Subcomponent of Route GRCA-1007ZZ

Manual Rating

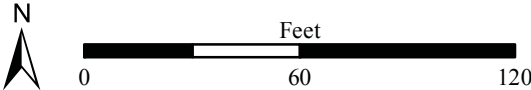
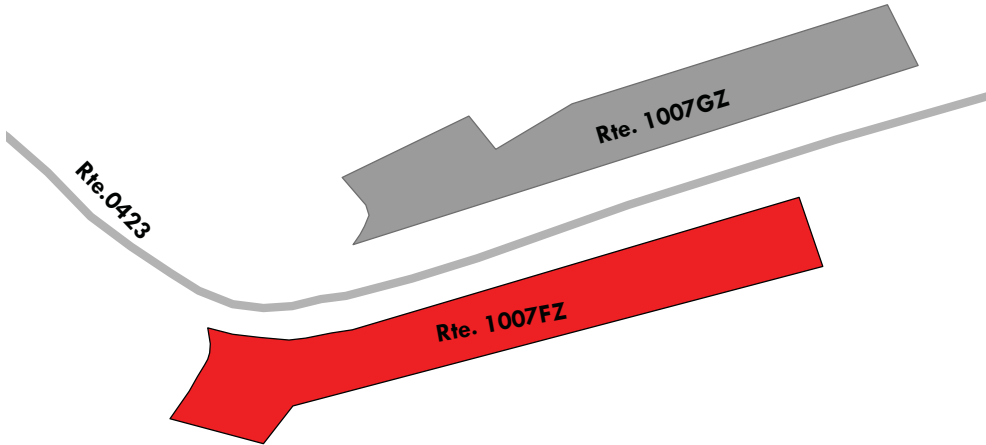
ADJACENT TO ROUTE 0423 (MOHAVE COURT) AT MP 0.15 ON RIGHT

Inspection Date	FMSS Number	User Access	Surface Type
5/16/2016	90389	PUBLIC	ASPHALT
Area (Sq. Ft.)	Lane Miles (11' Widths)	Curb Reveal (Inches)	Curb Recommendation
2,793	0.048	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



Grand Canyon National Park

ROUTE 1007GZ: MOHAVE COURT PARKING G

Subcomponent of Route GRCA-1007ZZ
Manual Rating

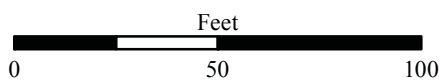
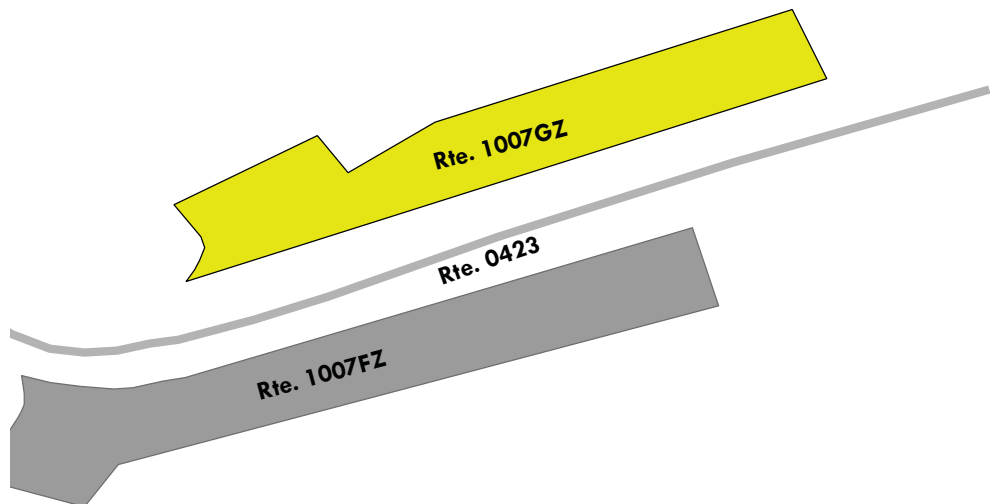
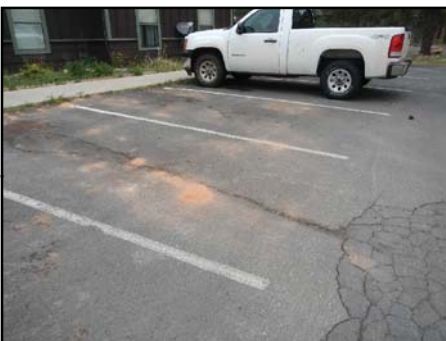
ADJACENT TO ROUTE 0423 (MOHAVE COURT) AT MP 0.13 ON LEFT

Inspection Date	FMSS Number	User Access	Surface Type
5/16/2016	90389	PUBLIC	ASPHALT
Area (Sq. Ft.)	Lane Miles (11' Widths)	Curb Reveal (Inches)	Curb Recommendation
2,457	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
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See Appendix for definitions and formulas



Grand Canyon National Park

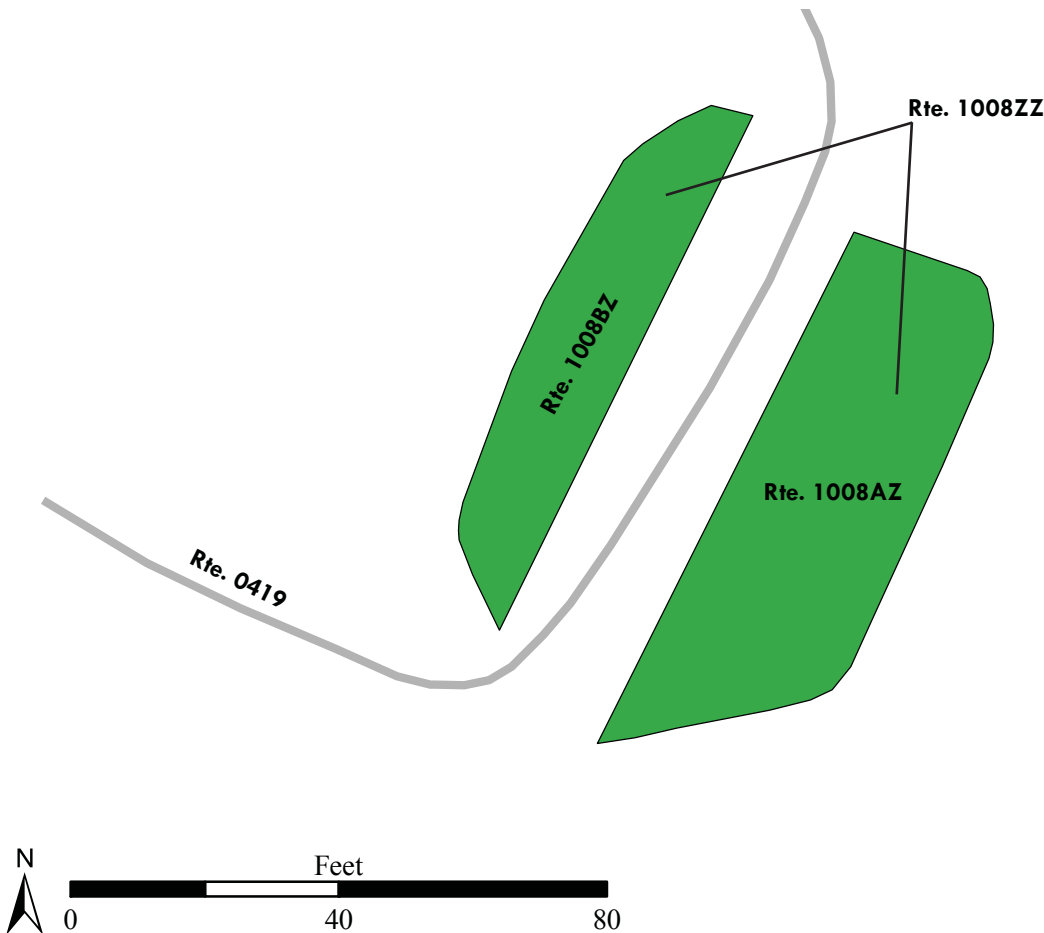
ROUTE 1008ZZ: KOLB ROAD PARKING AREAS

Summary Route
Manual Rating

ADJACENT TO ROUTE 0419 (KOLB STREET)

Inspection Date	FMSS Number	User Access	Surface Type
5/16/2016	90396	PUBLIC	ASPHALT
Area (Sq. Ft.)	Lane Miles (11' Widths)	Condition Rating / PCR	
2,571	0.044	SUMMARY / 90	
Route Condition Legend – Pavement Condition Rating (PCR)			
Poor (0 - 60)	Fair (61- 84)	Good (85 - 94)	Excellent (95 - 100)
See Appendix for definitions and formulas			

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



Grand Canyon National Park

ROUTE 1008AZ: KOLB ROAD PARKING A

Subcomponent of Route GRCA-1008ZZ

Manual Rating

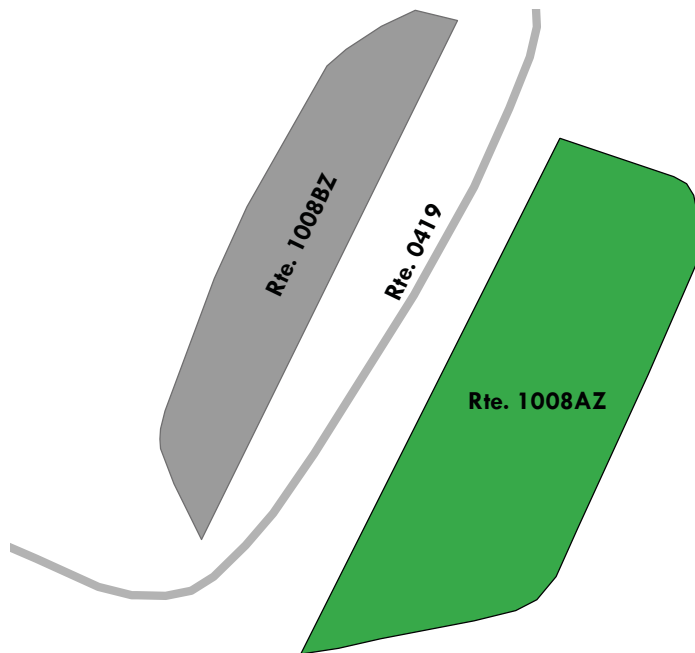
ADJACENT TO ROUTE 0419 (KOLB STREET)

Inspection Date	FMSS Number	User Access	Surface Type
5/16/2016	90396	PUBLIC	ASPHALT
Area (Sq. Ft.)	Lane Miles (11' Widths)	Curb Reveal (Inches)	Curb Recommendation
1,676	0.029	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



Grand Canyon National Park

ROUTE 1008BZ: KOLB ROAD PARKING B

Subcomponent of Route GRCA-1008ZZ

Manual Rating

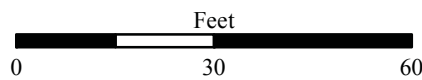
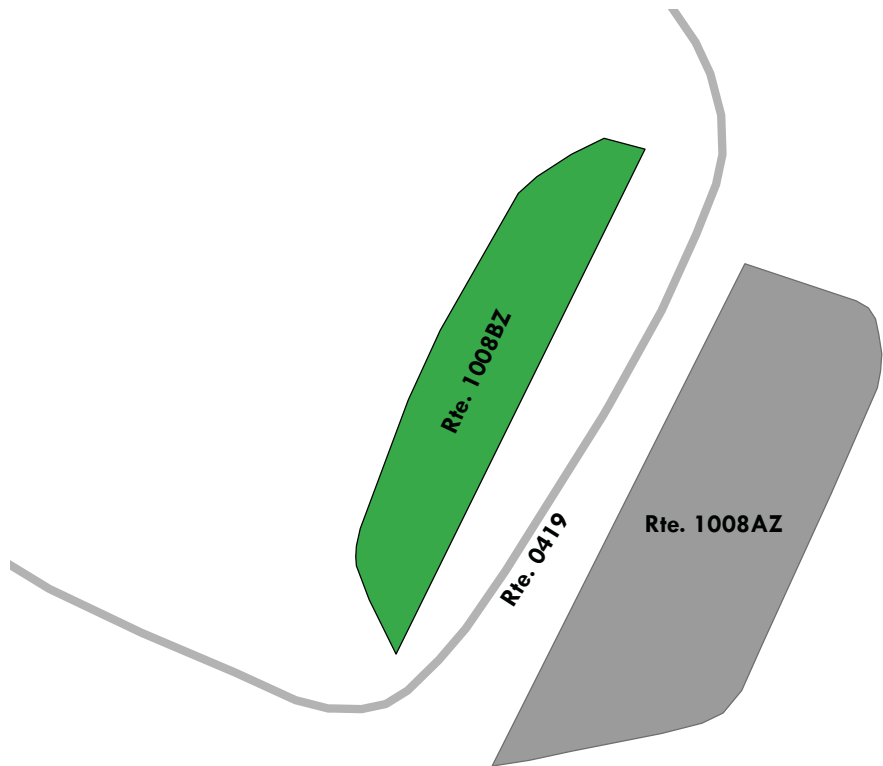
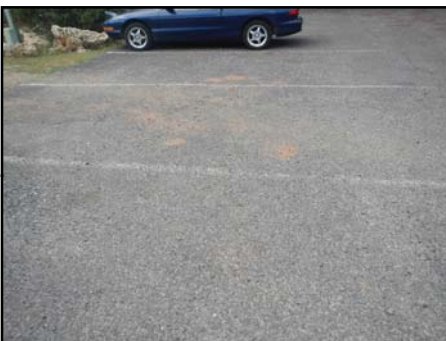
ADJACENT TO ROUTE 0419 (KOLB STREET)

Inspection Date	FMSS Number	User Access	Surface Type
5/16/2016	90396	PUBLIC	ASPHALT
Area (Sq. Ft.)	Lane Miles (11' Widths)	Curb Reveal (Inches)	Curb Recommendation
895	0.015	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



Grand Canyon National Park

ROUTE 1009: HUALAPAI COURT PARKING

Manual Rating

FROM ROUTE 0417 (HUALAPAI ROAD)

TO PARKING

Inspection Date	FMSS Number	User Access	Surface Type
5/16/2016	56572	PUBLIC	ASPHALT
Area (Sq. Ft.)	Lane Miles (11' Widths)	Curb Reveal (Inches)	Curb Recommendation
6,409	0.11	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)

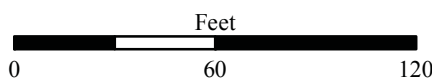
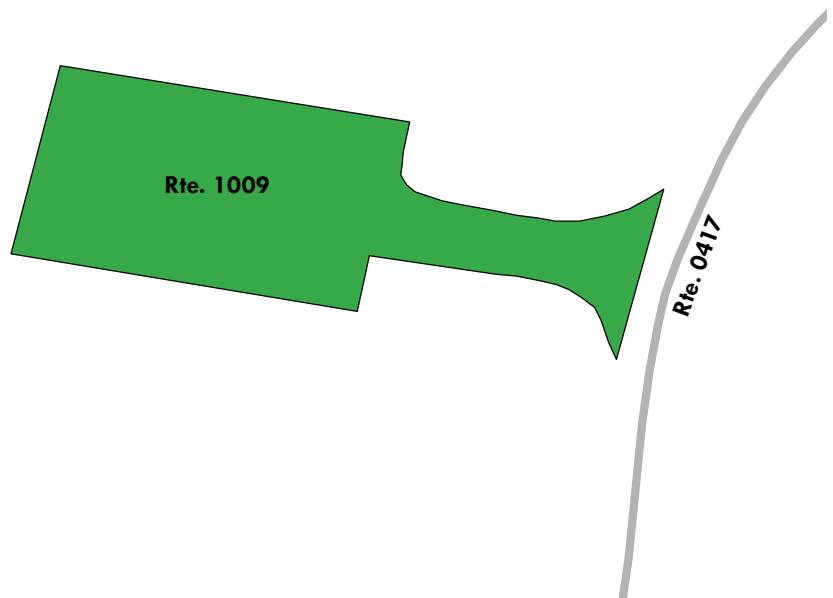
Fair (61- 84)

Good (85 - 94)

Excellent (95 - 100)

Not Rated

See Appendix for definitions and formulas



Grand Canyon National Park

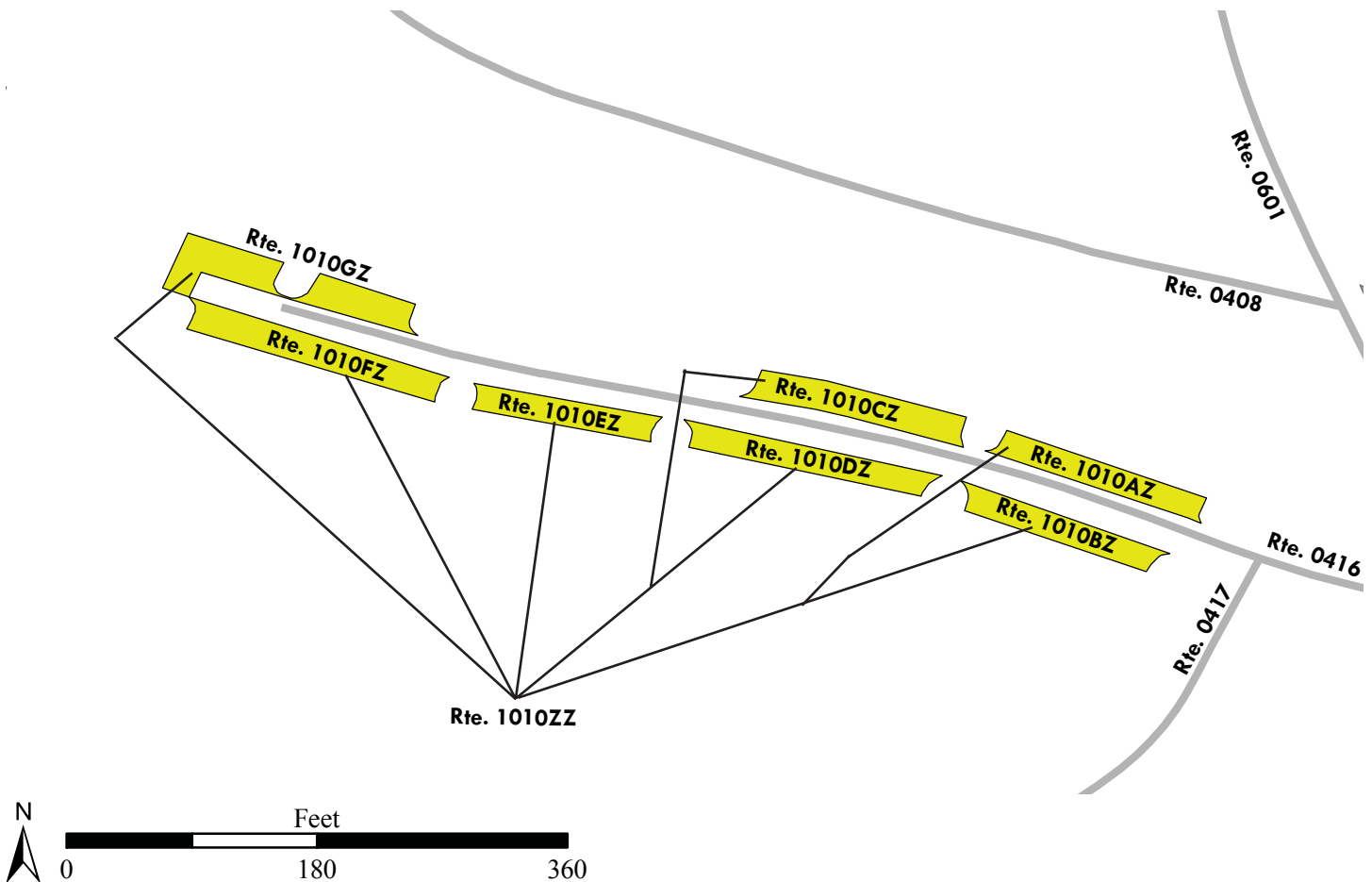
ROUTE 1010ZZ: MUAV COURT PARKING AREAS

Summary Route
Manual Rating

ADJACENT TO ROUTE 0416 (MUAV COURT) ON LEFT AND RIGHT

Inspection Date	FMSS Number	User Access	Surface Type
5/16/2016	90517	PUBLIC	ASPHALT
Area (Sq. Ft.)	Lane Miles (11' Widths)	Condition Rating / PCR	
18,067	0.311	SUMMARY / 83	
Route Condition Legend – Pavement Condition Rating (PCR)			
Poor (0 - 60)	Fair (61- 84)	Good (85 - 94)	Excellent (95 - 100)
<div style="display: inline-block; width: 100px; height: 15px; background-color: black; margin-right: 10px;"></div> 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.



Grand Canyon National Park

ROUTE 1010AZ: MUAV COURT PARKING A

Subcomponent of Route GRCA-1010ZZ

Manual Rating

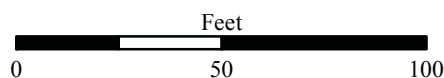
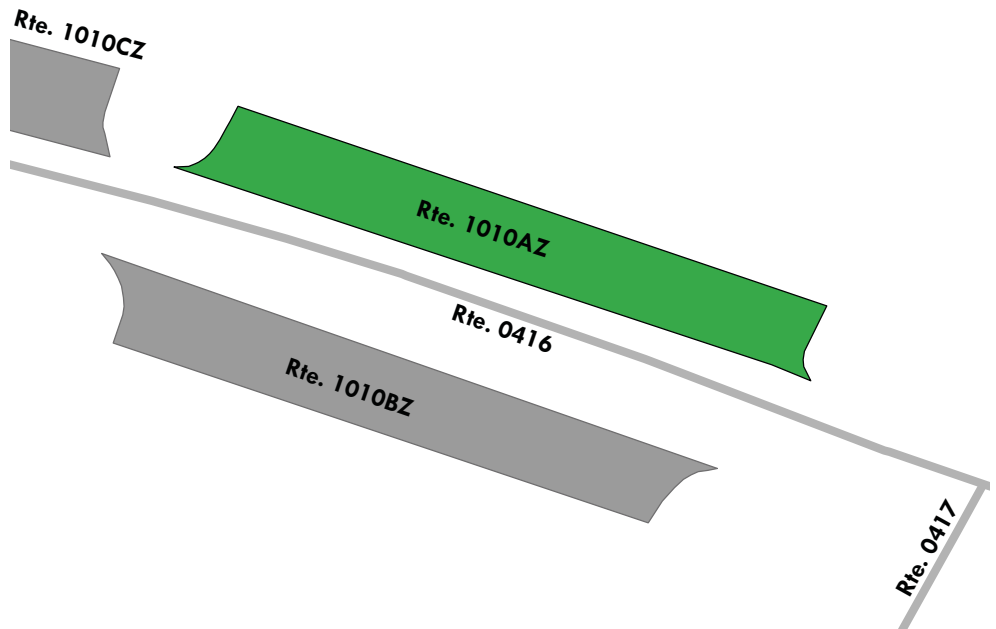
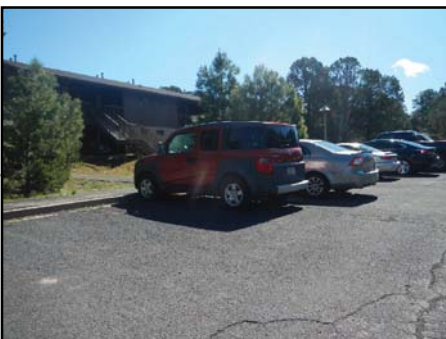
ADJACENT TO ROUTE 0416 (MUAV COURT) AT MP 0.05 ON RIGHT

Inspection Date	FMSS Number	User Access	Surface Type
5/16/2016	90517	PUBLIC	ASPHALT
Area (Sq. Ft.)	Lane Miles (11' Widths)	Curb Reveal (Inches)	Curb Recommendation
2,291	0.039	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



Grand Canyon National Park

ROUTE 1010BZ: MUAV COURT PARKING B

Subcomponent of Route GRCA-1010ZZ

Manual Rating

ADJACENT TO ROUTE 0416 (MUAV COURT) AT MP 0.05 ON LEFT

Inspection Date	FMSS Number	User Access	Surface Type
5/16/2016	90517	PUBLIC	ASPHALT
Area (Sq. Ft.)	Lane Miles (11' Widths)	Curb Reveal (Inches)	Curb Recommendation
2,187	0.038	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)

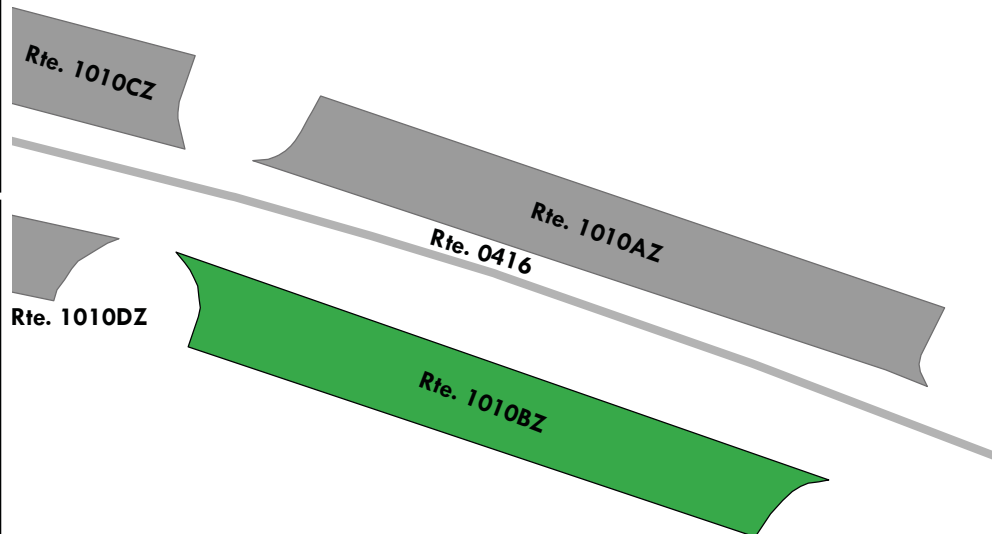
Fair (61- 84)

Good (85 - 94)

Excellent (95 - 100)

Not Rated

See Appendix for definitions and formulas



Grand Canyon National Park

ROUTE 1010CZ: MUAV COURT PARKING C

Subcomponent of Route GRCA-1010ZZ

Manual Rating

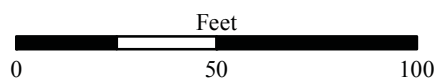
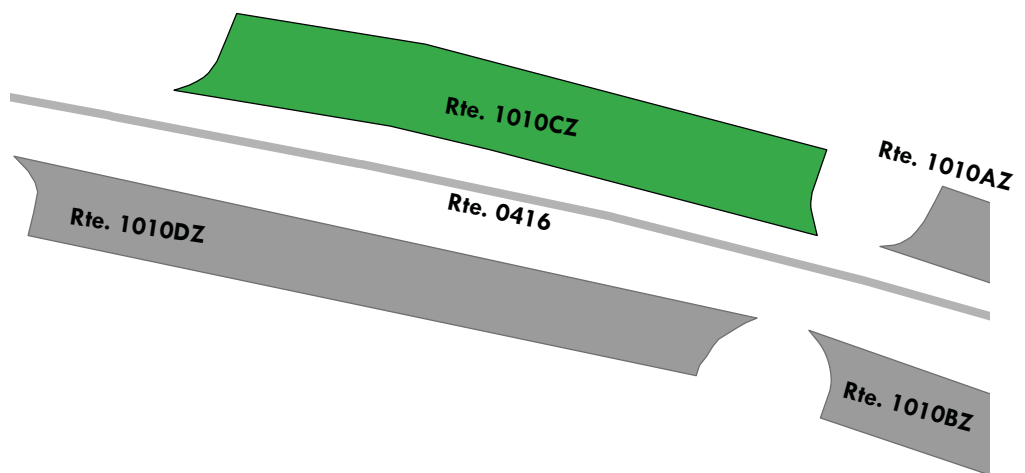
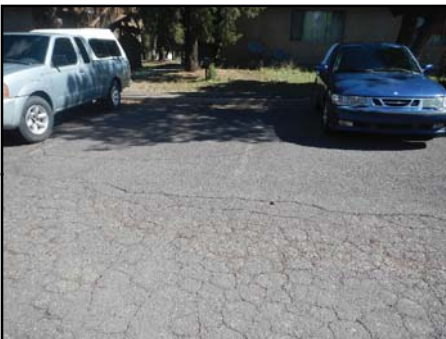
ADJACENT TO ROUTE 0416 (MUAV COURT) AT MP 0.07 ON RIGHT

Inspection Date	FMSS Number	User Access	Surface Type
5/16/2016	90517	PUBLIC	ASPHALT
Area (Sq. Ft.)	Lane Miles (11' Widths)	Curb Reveal (Inches)	Curb Recommendation
2,682	0.046	NOT APPLICABLE	DO NOTHING
Curb Type		Curb & Gutter Type	
NO CURB		CONCRETE	
Pavement Recommendation		Condition Rating / PCR	
PREVENTIVE MAINTENANCE		GOOD / 90	

Route Condition Legend – Pavement Condition Rating (PCR)

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



Grand Canyon National Park

ROUTE 1010DZ: MUAV COURT PARKING D

Subcomponent of Route GRCA-1010ZZ

Manual Rating

ADJACENT TO ROUTE 0416 (MUAV COURT) AT MP 0.08 ON LEFT

Inspection Date	FMSS Number	User Access	Surface Type
5/16/2016	90517	PUBLIC	ASPHALT
Area (Sq. Ft.)	Lane Miles (11' Widths)	Curb Reveal (Inches)	Curb Recommendation
2,550	0.044	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)

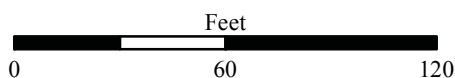
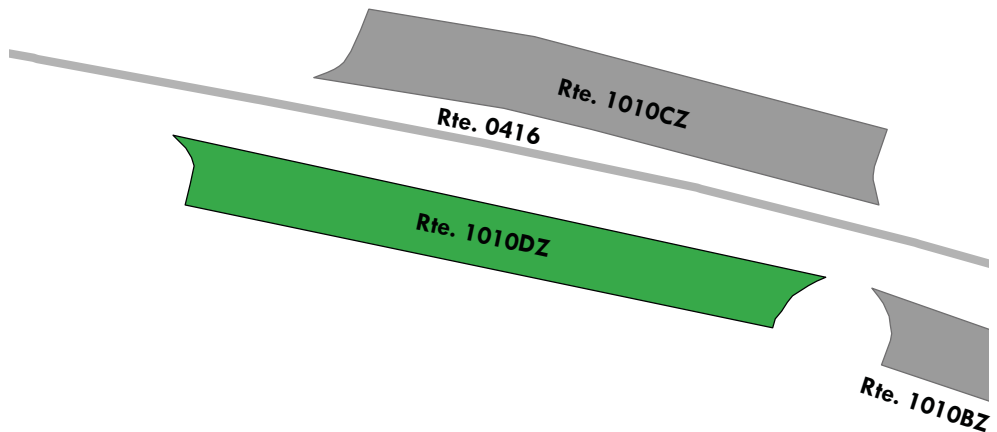
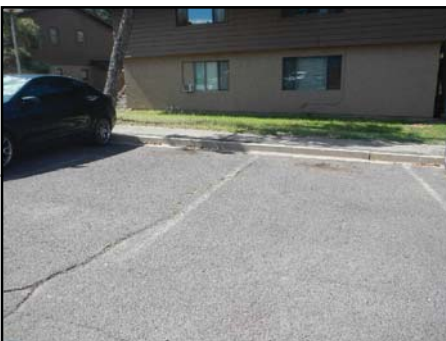
Fair (61- 84)

Good (85 - 94)

Excellent (95 - 100)

Not Rated

See Appendix for definitions and formulas



Grand Canyon National Park

ROUTE 1010EZ: MUAV COURT PARKING E

Subcomponent of Route GRCA-1010ZZ

Manual Rating

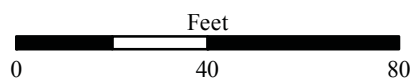
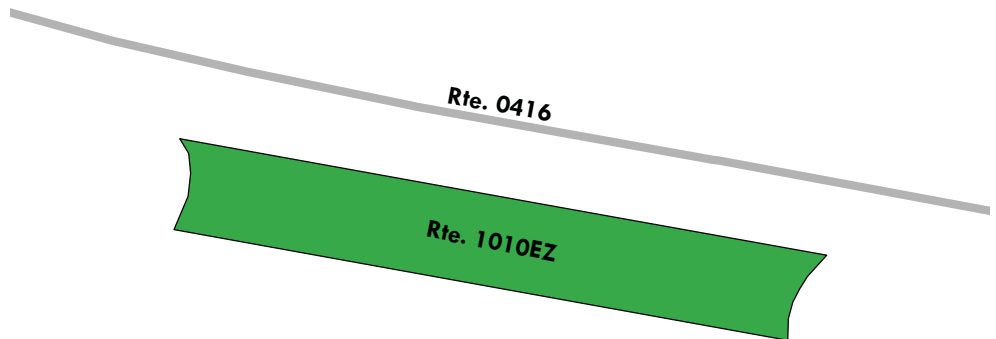
ADJACENT TO ROUTE 0416 (MUAV COURT) AT MP 0.10 ON LEFT

Inspection Date	FMSS Number	User Access	Surface Type
5/16/2016	90517	PUBLIC	ASPHALT
Area (Sq. Ft.)	Lane Miles (11' Widths)	Curb Reveal (Inches)	Curb Recommendation
1,995	0.034	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



Grand Canyon National Park

ROUTE 1010FZ: MUAV COURT PARKING F

Subcomponent of Route GRCA-1010ZZ

Manual Rating

ADJACENT TO ROUTE 0416 (MUAV COURT) AT MP 0.13 ON LEFT

Inspection Date	FMSS Number	User Access	Surface Type
5/16/2016	90517	PUBLIC	ASPHALT
Area (Sq. Ft.)	Lane Miles (11' Widths)	Curb Reveal (Inches)	Curb Recommendation
3,186	0.055	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)

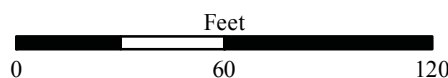
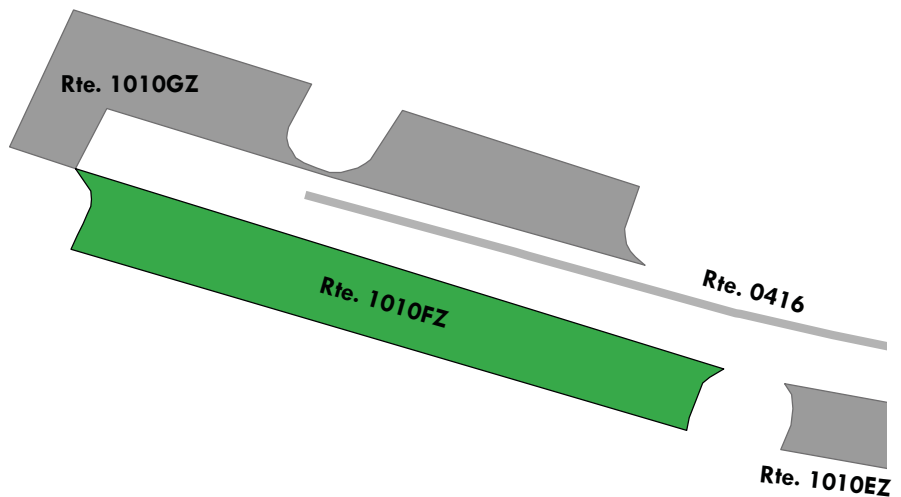
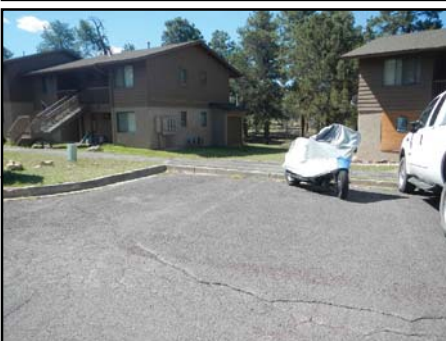
Fair (61- 84)

Good (85 - 94)

Excellent (95 - 100)

Not Rated

See Appendix for definitions and formulas



Grand Canyon National Park

ROUTE 1010GZ: MUAV COURT PARKING G

Subcomponent of Route GRCA-1010ZZ

Manual Rating

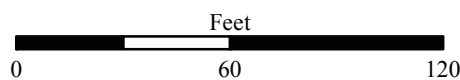
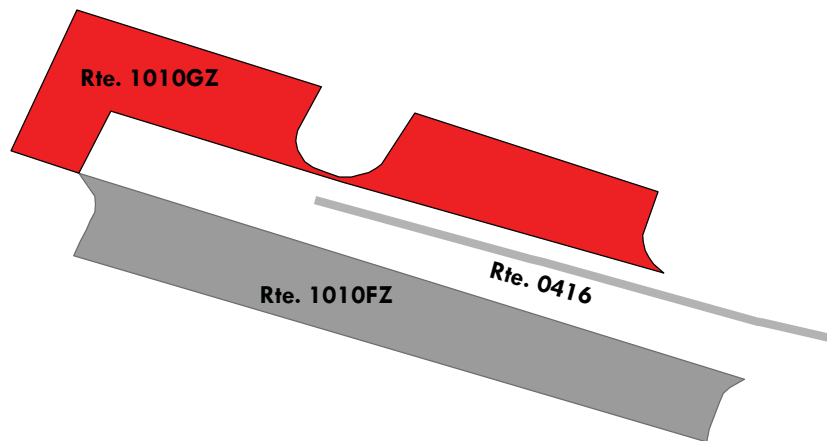
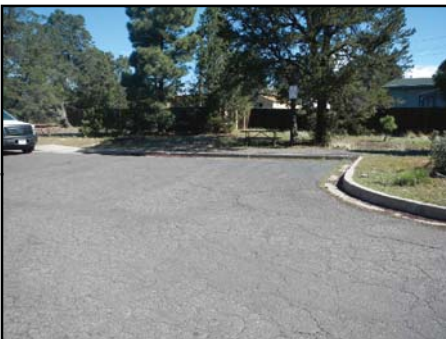
ADJACENT TO ROUTE 0416 (MUAV COURT) AT MP 0.13 ON RIGHT

Inspection Date	FMSS Number	User Access	Surface Type
5/16/2016	90517	PUBLIC	ASPHALT
Area (Sq. Ft.)	Lane Miles (11' Widths)	Curb Reveal (Inches)	Curb Recommendation
3,176	0.055	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



Grand Canyon National Park

ROUTE 1012: GENERATOR LOOP PARKING

Manual Rating

FROM ROUTE 0450 (WASTEWATER PLANT / HELIPAD ROAD)

TO PARKING

Inspection Date	FMSS Number	User Access	Surface Type
5/19/2016	90527	PUBLIC	ASPHALT
Area (Sq. Ft.)	Lane Miles (11' Widths)	Curb Reveal (Inches)	Curb Recommendation
7,966	0.137	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)

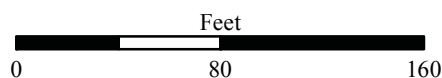
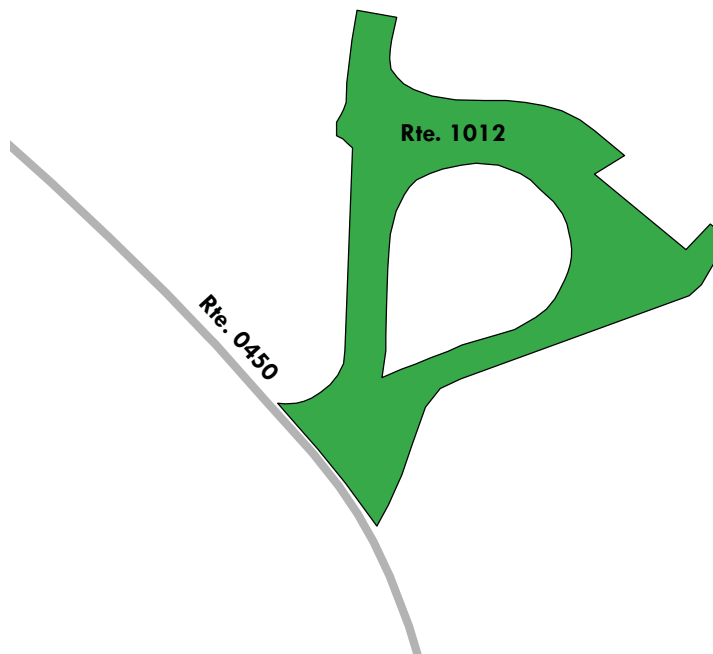
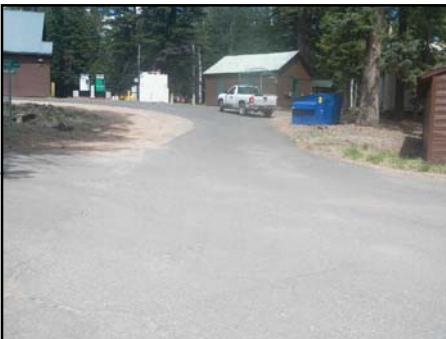
Fair (61- 84)

Good (85 - 94)

Excellent (95 - 100)

Not Rated

See Appendix for definitions and formulas



Grand Canyon National Park

ROUTE 1013: BUNKHOUSE PARKING

Manual Rating

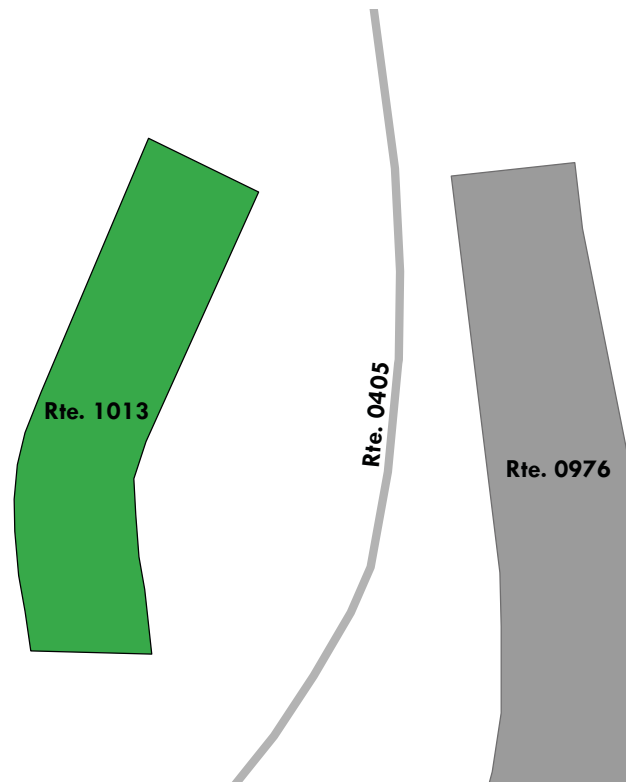
ADJACENT TO ROUTE 0405 (ADMIN LOOP) ON LEFT

Inspection Date	FMSS Number	User Access	Surface Type
5/19/2016	90528	PUBLIC	ASPHALT
Area (Sq. Ft.)	Lane Miles (11' Widths)	Curb Reveal (Inches)	Curb Recommendation
882	0.015	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



Grand Canyon National Park

ROUTE 1014ZZ: CONCESSIONAIRE DORM PARKING AREAS

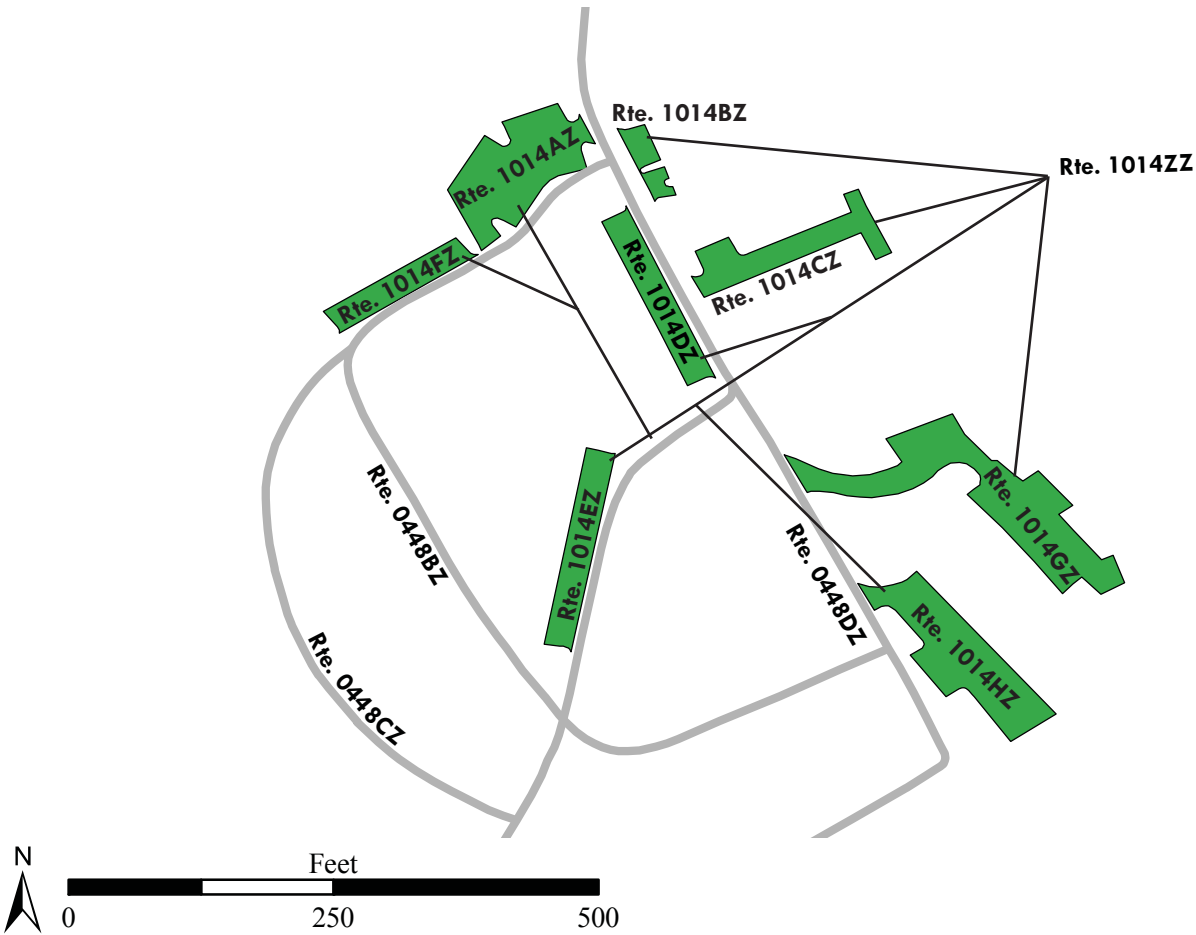
Summary Route
Manual Rating

ADJACENT TO ROUTE 0448ZZ (CONCESSIONAIRE ROADS)

Inspection Date	FMSS Number	User Access	Surface Type
5/19/2016	90529	PUBLIC	ASPHALT
Area (Sq. Ft.)	Lane Miles (11' Widths)	Condition Rating / PCR	
42,380	0.73	SUMMARY / 90	

Route Condition Legend – Pavement Condition Rating (PCR)				
Poor (0 - 60)	Fair (61- 84)	Good (85 - 94)	Excellent (95 - 100)	Not Rated
See Appendix for definitions and formulas				

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



Grand Canyon National Park

ROUTE 1014AZ: CONCESSION DORM PARKING

Subcomponent of Route GRCA-1014ZZ
Manual Rating

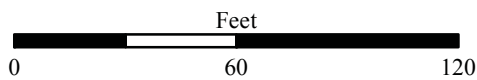
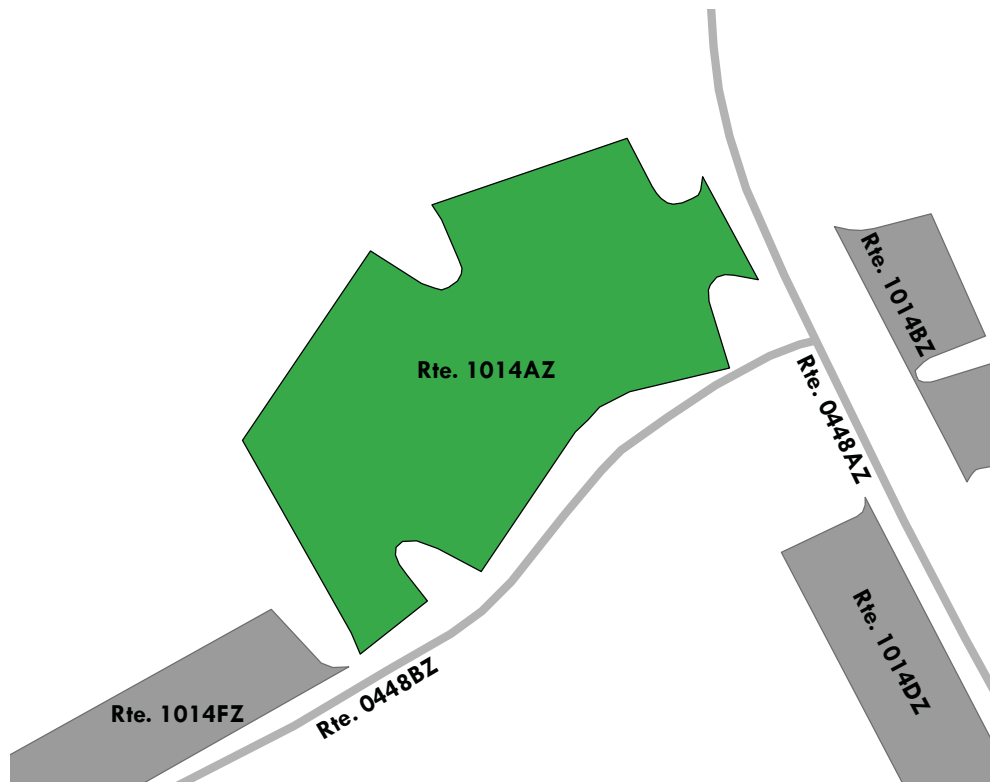
ADJACENT TO ROUTE 0448BZ (CONCESSIONAIRE RESIDENCE ROAD)

Inspection Date	FMSS Number	User Access	Surface Type
5/19/2016	90529	PUBLIC	ASPHALT
Area (Sq. Ft.)	Lane Miles (11' Widths)	Curb Reveal (Inches)	Curb Recommendation
7,446	0.128	4	DO NOTHING
Curb Type		Curb & Gutter Type	
CONCRETE		NO CURB AND GUTTER	
Pavement Recommendation		Condition Rating / PCR	
PREVENTIVE MAINTENANCE		GOOD / 90	

Route Condition Legend – Pavement Condition Rating (PCR)

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



Grand Canyon National Park

ROUTE 1014BZ: CONCESSIONAIRE CAFETERIA PARKING

Subcomponent of Route GRCA-1014ZZ

Manual Rating

ADJACENT TO ROUTE 0448AZ (EMPLOYEE DINING ROOM / MULE CONCESSIONAIRE ROAD)

Inspection Date	FMSS Number	User Access	Surface Type
5/19/2016	90529	PUBLIC	ASPHALT
Area (Sq. Ft.)	Lane Miles (11' Widths)	Curb Reveal (Inches)	Curb Recommendation
1,192	0.021	4	DO NOTHING
Curb Type		Curb & Gutter Type	
CONCRETE		NO CURB AND GUTTER	
Pavement Recommendation		Condition Rating / PCR	
PREVENTIVE MAINTENANCE		GOOD / 90	

Route Condition Legend – Pavement Condition Rating (PCR)

Poor (0 - 60)

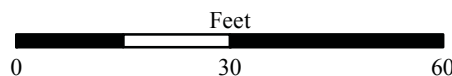
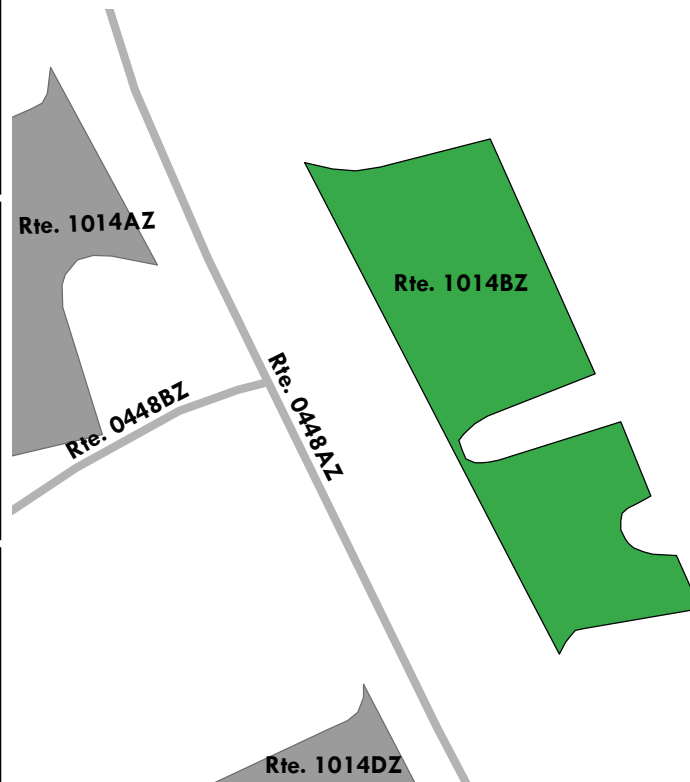
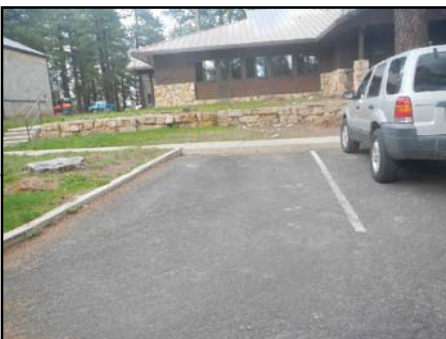
Fair (61- 84)

Good (85 - 94)

Excellent (95 - 100)

Not Rated

See Appendix for definitions and formulas



Grand Canyon National Park

ROUTE 1014CZ: CAFETERIA EMPLOYEE PARKING

Subcomponent of Route GRCA-1014ZZ
Manual Rating

FROM ROUTE 0448AZ (EMPLOYEE DINING ROOM / MULE CONCESSIONAIRE ROAD)
 TO PARKING

Inspection Date	FMSS Number	User Access	Surface Type
5/19/2016	90529	PUBLIC	ASPHALT
Area (Sq. Ft.)	Lane Miles (11' Widths)	Curb Reveal (Inches)	Curb Recommendation
4,334	0.075	6	DO NOTHING
Curb Type		Curb & Gutter Type	
CONCRETE		CONCRETE	
Pavement Recommendation		Condition Rating / PCR	
PREVENTIVE MAINTENANCE		GOOD / 90	

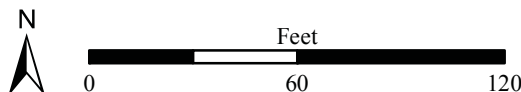
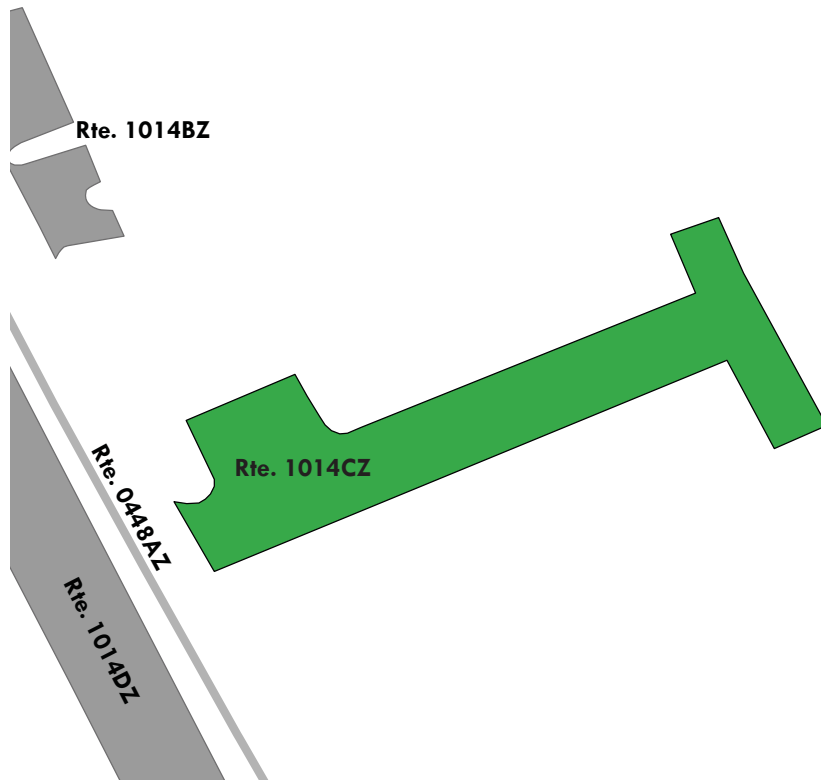
Route Condition Legend – Pavement Condition Rating (PCR)

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 4,120 square feet and 1 part concrete at 214 square feet.



Grand Canyon National Park

ROUTE 1014DZ: CONCESSIONAIRE DORM PARKING #1

Subcomponent of Route GRCA-1014ZZ
Manual Rating

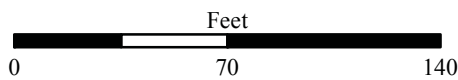
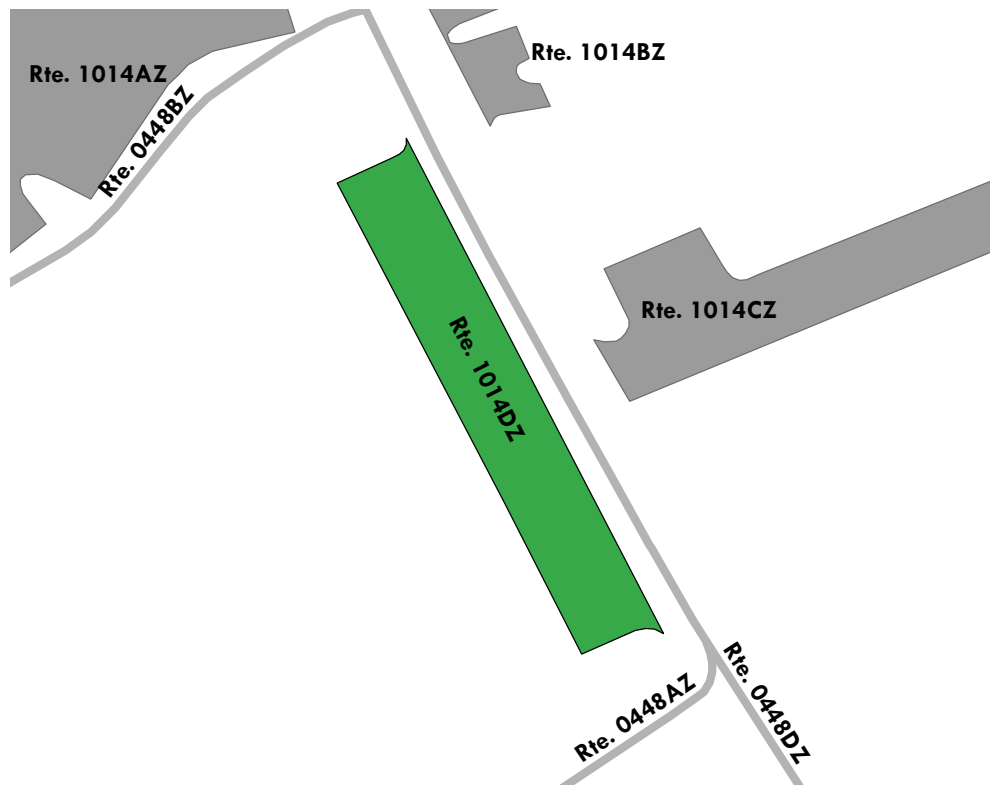
ADJACENT TO ROUTE 0448AZ (EMPLOYEE DINING ROOM / MULE CONCESSIONAIRE ROAD)

Inspection Date	FMSS Number	User Access	Surface Type
5/19/2016	90529	PUBLIC	ASPHALT
Area (Sq. Ft.)	Lane Miles (11' Widths)	Curb Reveal (Inches)	Curb Recommendation
3,787	0.065	4	DO NOTHING
Curb Type		Curb & Gutter Type	
CONCRETE		NO CURB AND GUTTER	
Pavement Recommendation		Condition Rating / PCR	
PREVENTIVE MAINTENANCE		GOOD / 90	

Route Condition Legend – Pavement Condition Rating (PCR)

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



Grand Canyon National Park

ROUTE 1014EZ: CONCESSIONAIRE DORM PARKING #2

Subcomponent of Route GRCA-1014ZZ
Manual Rating

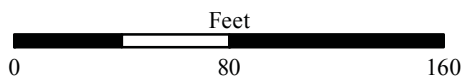
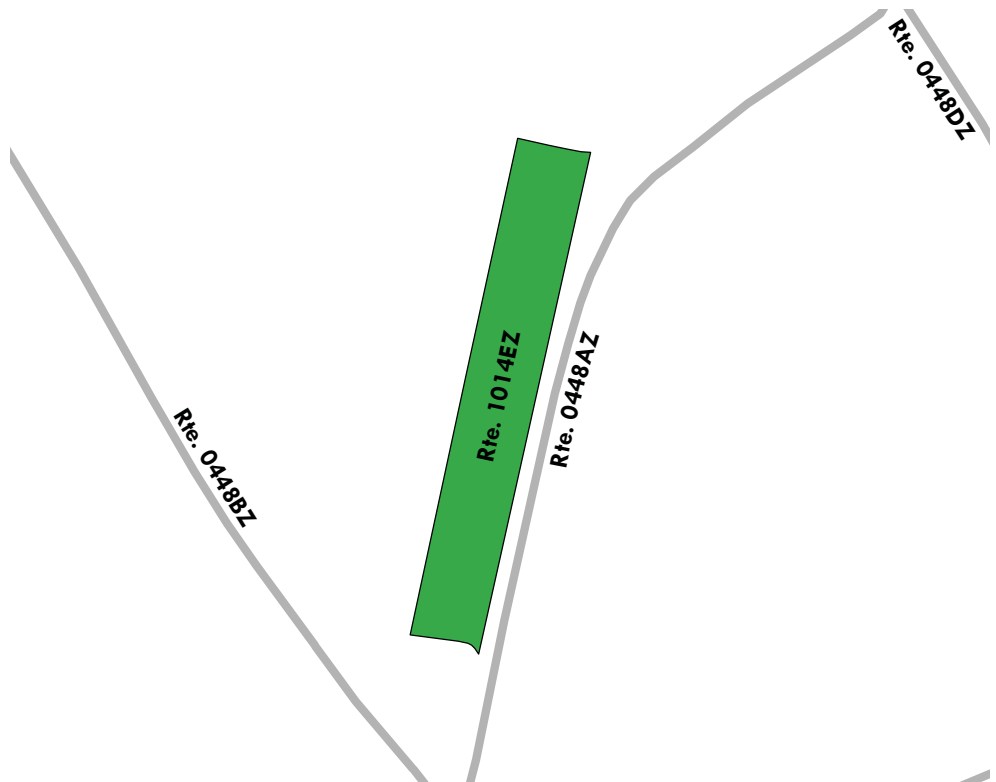
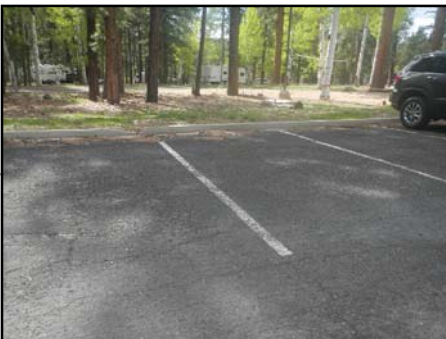
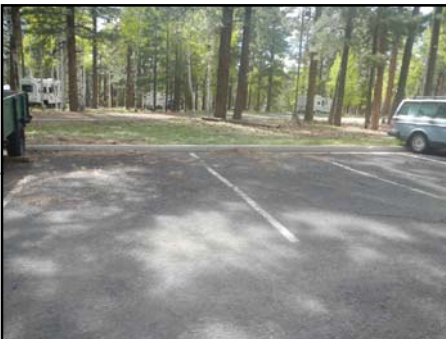
ADJACENT TO ROUTE 0448AZ (EMPLOYEE DINING ROOM / MULE CONCESSIONAIRE ROAD)

Inspection Date	FMSS Number	User Access	Surface Type
5/19/2016	90529	PUBLIC	ASPHALT
Area (Sq. Ft.)	Lane Miles (11' Widths)	Curb Reveal (Inches)	Curb Recommendation
4,122	0.071	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



Grand Canyon National Park

ROUTE 1014FZ: CONCESSIONAIRE DORM PARKING #3

Subcomponent of Route GRCA-1014ZZ
Manual Rating

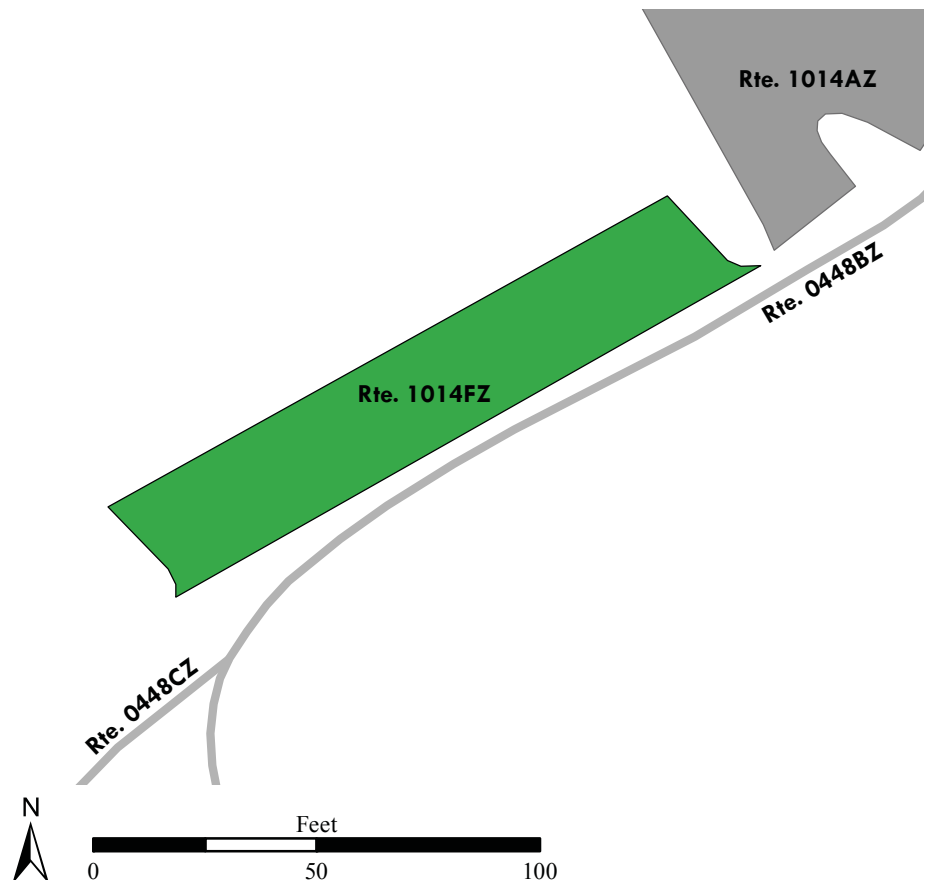
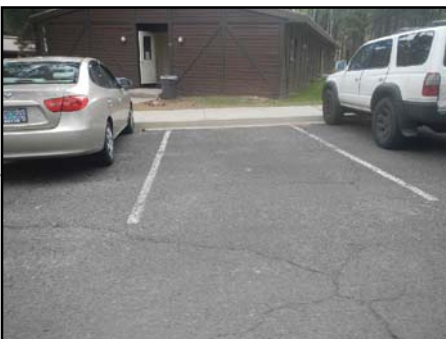
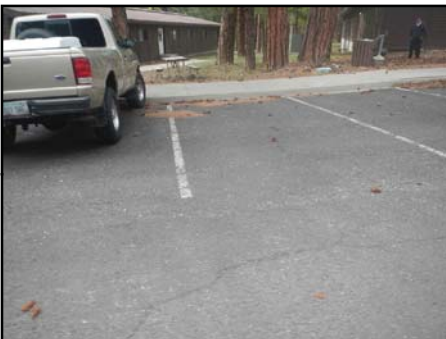
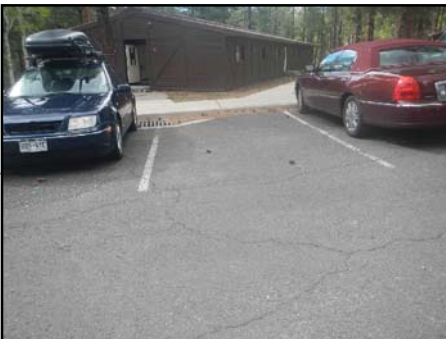
ADJACENT TO ROUTE 0448BZ (CONCESSIONAIRE RESIDENCE ROAD)

Inspection Date	FMSS Number	User Access	Surface Type
5/19/2016	90529	PUBLIC	ASPHALT
Area (Sq. Ft.)	Lane Miles (11' Widths)	Curb Reveal (Inches)	Curb Recommendation
2,836	0.049	4	DO NOTHING
Curb Type		Curb & Gutter Type	
CONCRETE		NO CURB AND GUTTER	
Pavement Recommendation		Condition Rating / PCR	
PREVENTIVE MAINTENANCE		GOOD / 90	

Route Condition Legend – Pavement Condition Rating (PCR)

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

See Appendix for definitions and formulas



Grand Canyon National Park

ROUTE 1014GZ: REAR EMPLOYEE DORM HOUSING

Subcomponent of Route GRCA-1014ZZ
Manual Rating

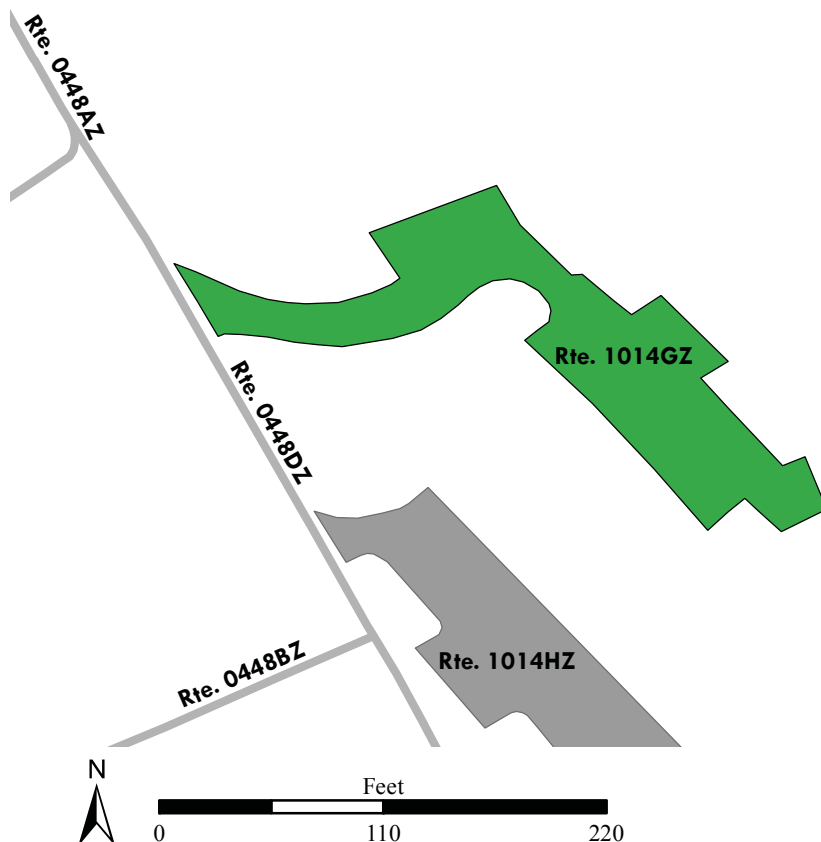
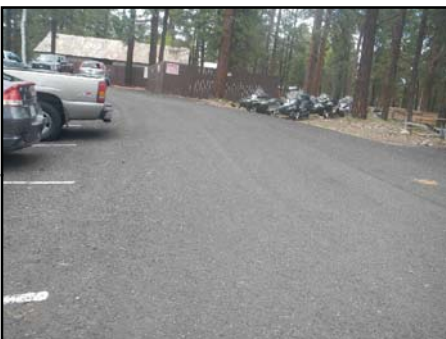
FROM ROUTE 0448DZ (DORM ACCESS ROAD) AT MP 0.02 ON LEFT
 TO PARKING

Inspection Date	FMSS Number	User Access	Surface Type
5/19/2016	90529	PUBLIC	ASPHALT
Area (Sq. Ft.)	Lane Miles (11' Widths)	Curb Reveal (Inches)	Curb Recommendation
10,993	0.189	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



Grand Canyon National Park

ROUTE 1014HZ: FRONT EMPLOYEE DORM PARKING

Subcomponent of Route GRCA-1014ZZ
Manual Rating

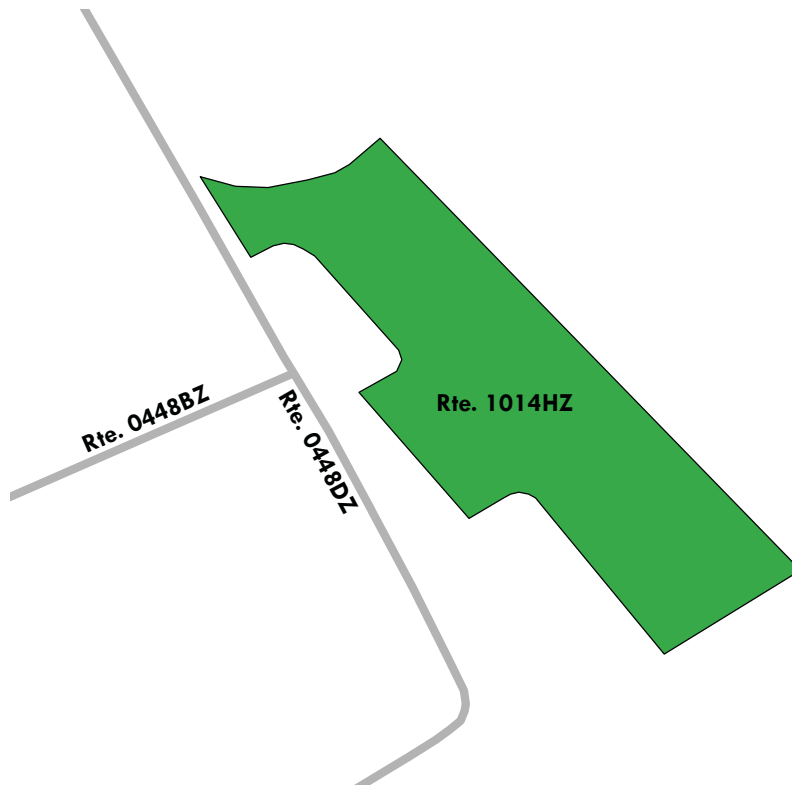
FROM ROUTE 0448DZ (DORM ACCESS ROAD) AT MP 0.04 ON LEFT
TO PARKING

Inspection Date	FMSS Number	User Access	Surface Type
5/19/2016	90529	PUBLIC	ASPHALT
Area (Sq. Ft.)	Lane Miles (11' Widths)	Curb Reveal (Inches)	Curb Recommendation
7,670	0.132	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



Grand Canyon National Park

ROUTE 1016: MATHER CAMPGROUND DUMP STATION

Manual Rating

FROM ROUTE 0941 (MATHER CAMPGROUND SERVICES PARKING)

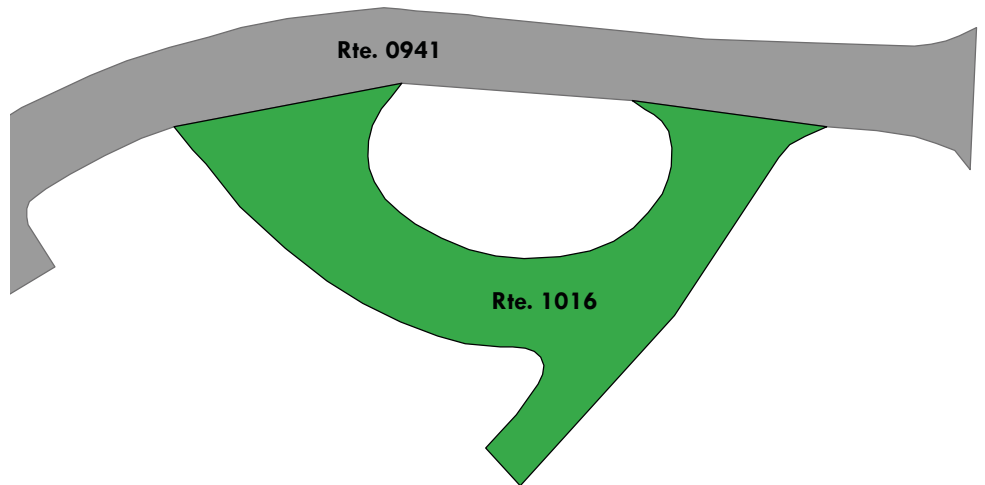
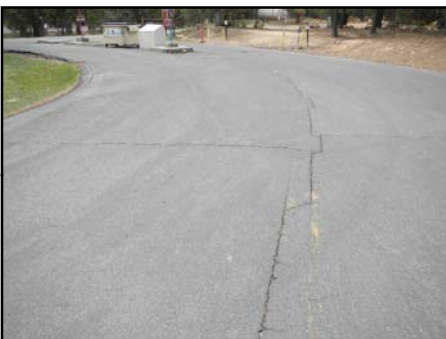
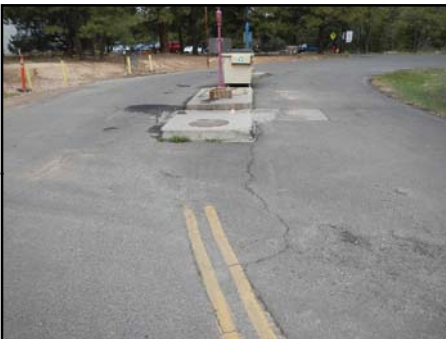
TO PARKING

Inspection Date	FMSS Number	User Access	Surface Type
5/17/2016	90398	PUBLIC	ASPHALT
Area (Sq. Ft.)	Lane Miles (11' Widths)	Curb Reveal (Inches)	Curb Recommendation
7,846	0.135	NOT APPLICABLE	NOT APPLICABLE
Curb Type		Curb & Gutter Type	
NO CURB		NO CURB AND GUTTER	
Pavement Recommendation		Condition Rating / PCR	
PREVENTIVE MAINTENANCE		GOOD / 90	

Route Condition Legend – Pavement Condition Rating (PCR)

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



Grand Canyon National Park

ROUTE 1017: RESIDENCE PARKING AREA

Manual Rating

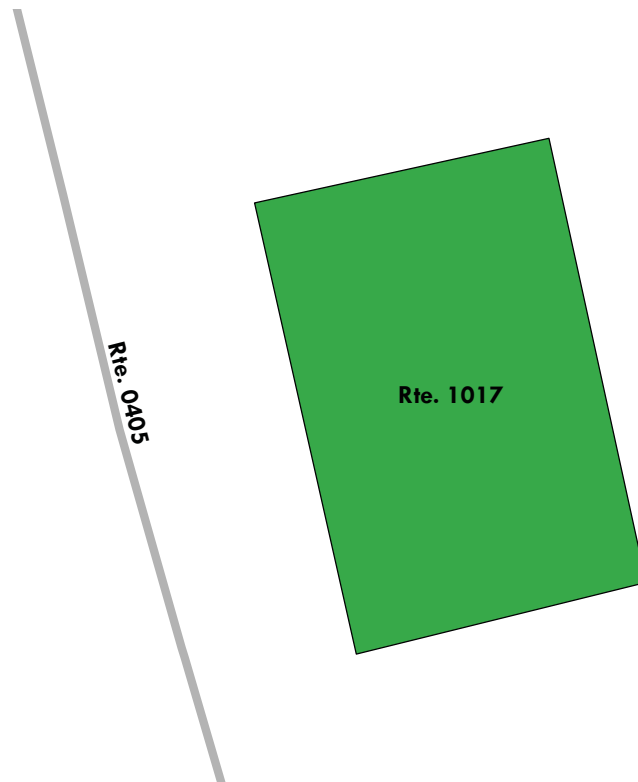
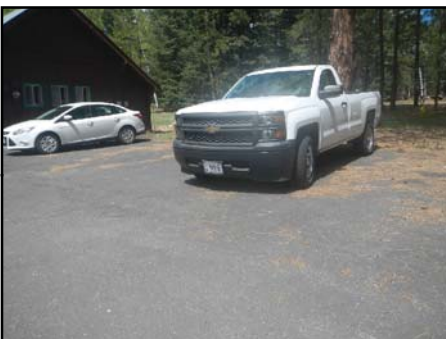
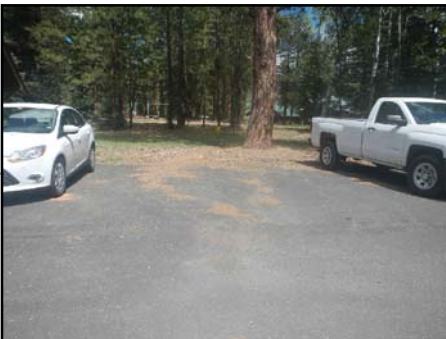
ADJACENT TO ROUTE 0405 (ADMIN LOOP)

Inspection Date	FMSS Number	User Access	Surface Type
5/19/2016	90531	PUBLIC	ASPHALT
Area (Sq. Ft.)	Lane Miles (11' Widths)	Curb Reveal (Inches)	Curb Recommendation
1,377	0.024	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



Grand Canyon National Park

ROUTE 1021: BUS LOADING PARKING

Manual Rating

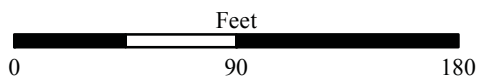
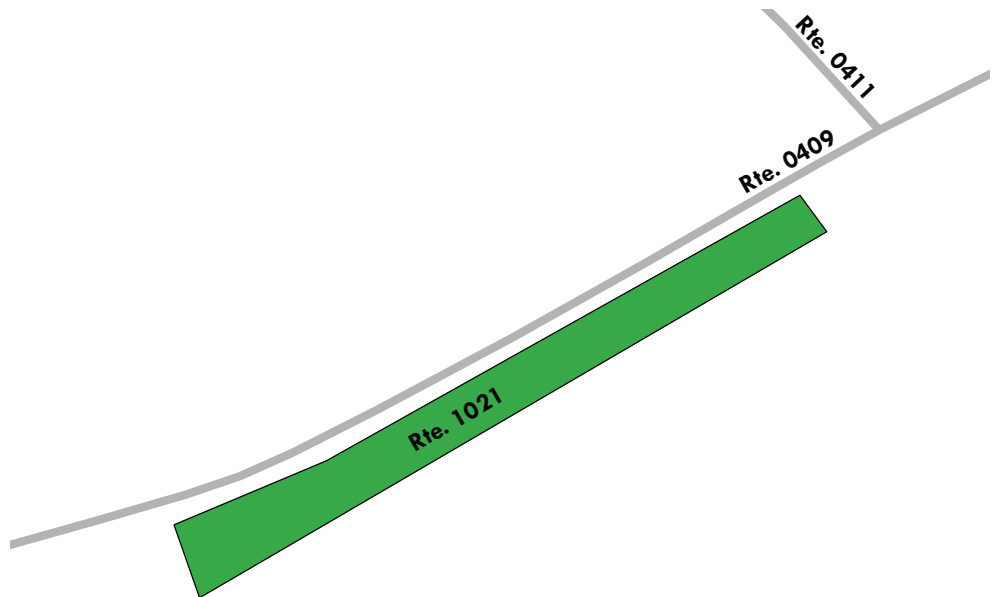
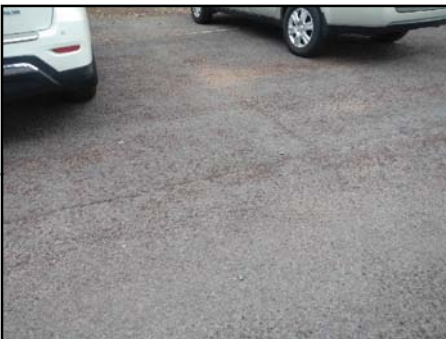
ADJACENT TO ROUTE 0409 (BOULDER STREET)

Inspection Date	FMSS Number	User Access	Surface Type
5/16/2016	103380	PUBLIC	ASPHALT
Area (Sq. Ft.)	Lane Miles (11' Widths)	Curb Reveal (Inches)	Curb Recommendation
5,110	0.088	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



Grand Canyon National Park

ROUTE 1025ZZ: DESERT VIEW BUS PARKING AREAS

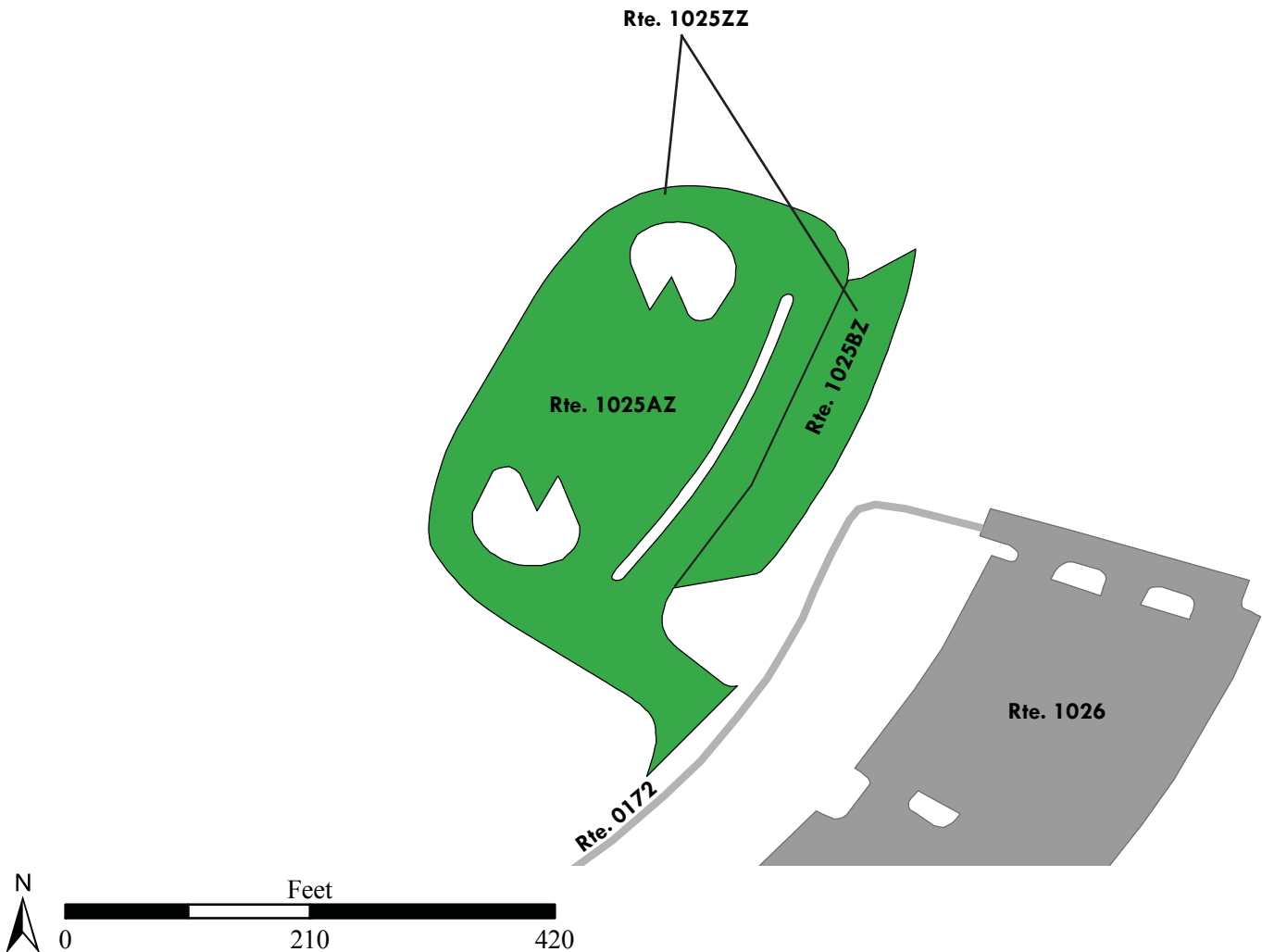
Summary Route
Manual Rating

FROM ROUTE 0172 (DESERT VIEW ACCESS ROAD)

TO PARKING

Inspection Date	FMSS Number	User Access	Surface Type
5/18/2016	102350	PUBLIC	ASPHALT
Area (Sq. Ft.)	Lane Miles (11' Widths)	Condition Rating / PCR	
81,934	1.411	SUMMARY / 90	
Route Condition Legend – Pavement Condition Rating (PCR)			
Poor (0 - 60)	Fair (61- 84)	Good (85 - 94)	Excellent (95 - 100)
See Appendix for definitions and formulas			

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



Grand Canyon National Park

ROUTE 1025AZ: DESERT VIEW BUS PARKING A

Subcomponent of Route GRCA-1025ZZ
Manual Rating

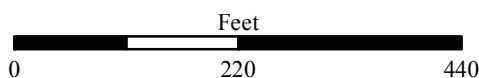
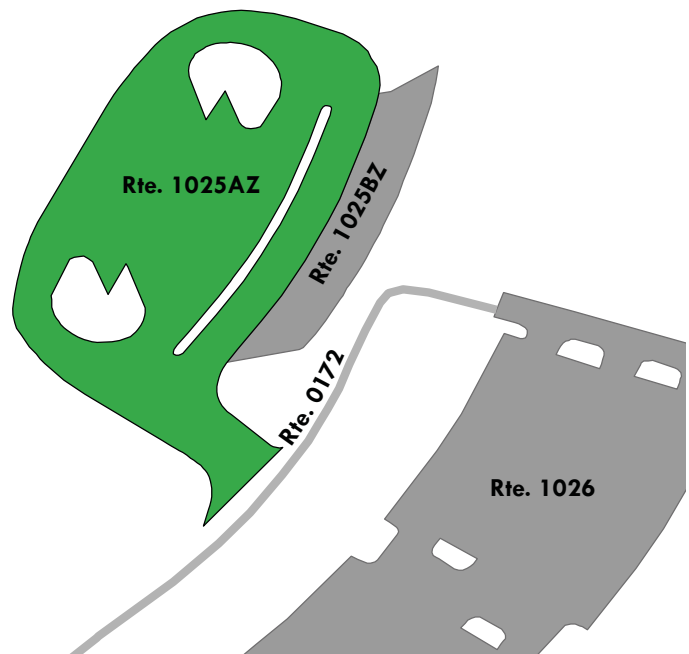
FROM ROUTE 0172 (DESERT VIEW ACCESS ROAD)
 TO PARKING

Inspection Date	FMSS Number	User Access	Surface Type
5/18/2016	102350	PUBLIC	ASPHALT
Area (Sq. Ft.)	Lane Miles (11' Widths)	Curb Reveal (Inches)	Curb Recommendation
69,413	1.195	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
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See Appendix for definitions and formulas



Grand Canyon National Park

ROUTE 1025BZ: DESERT VIEW BUS PARKING B

Subcomponent of Route GRCA-1025ZZ
Manual Rating

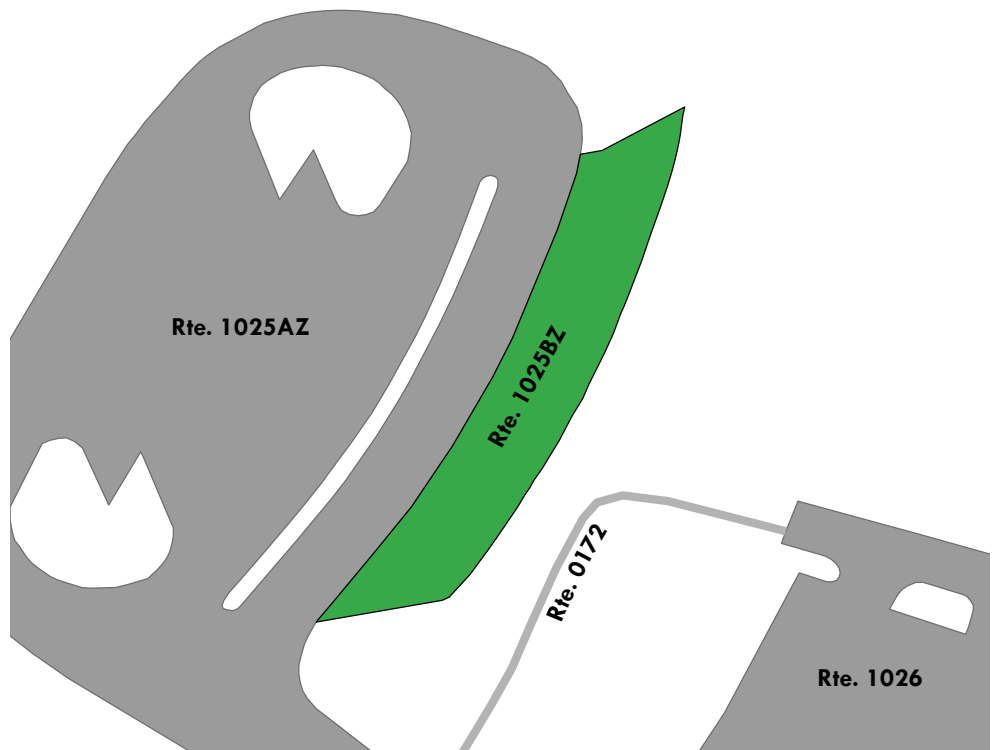
ADJACENT TO ROUTE 1025AZ (DESERT VIEW BUS PARKING A)

Inspection Date	FMSS Number	User Access	Surface Type
5/18/2016	102350	PUBLIC	CONCRETE
Area (Sq. Ft.)	Lane Miles (11' Widths)	Curb Reveal (Inches)	Curb Recommendation
12,521	0.216	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



Grand Canyon National Park

ROUTE 1026: DESERT VIEW VISITOR PARKING

Manual Rating

FROM ROUTE 0172 (DESERT VIEW ACCESS ROAD)

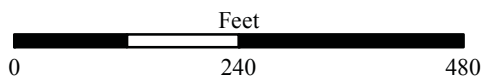
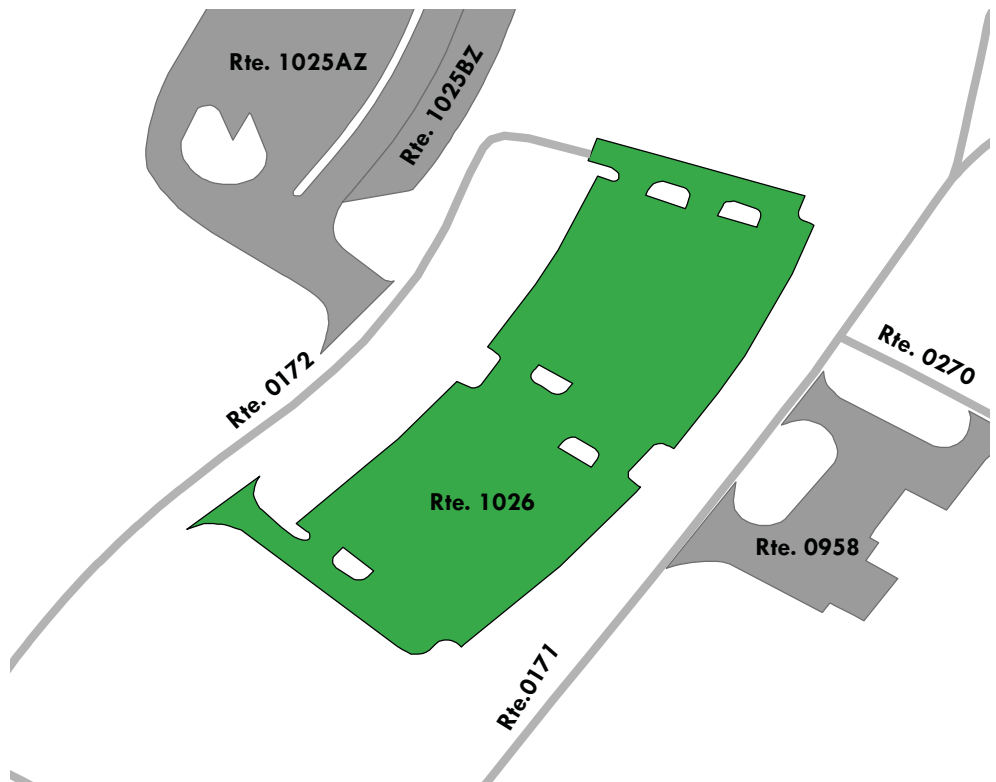
TO ROUTE 0172 (DESERT VIEW ACCESS ROAD)

Inspection Date	FMSS Number	User Access	Surface Type
5/18/2016	102351	PUBLIC	ASPHALT
Area (Sq. Ft.)	Lane Miles (11' Widths)	Curb Reveal (Inches)	Curb Recommendation
107,824	1.856	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



Grand Canyon National Park

ROUTE 1027ZZ: FOUR PLEX PARKING AREAS

Summary Route
Manual Rating

ADJACENT TO ROUTE 0461ZZ (EAST ENTRANCE RESIDENCE ROADS)

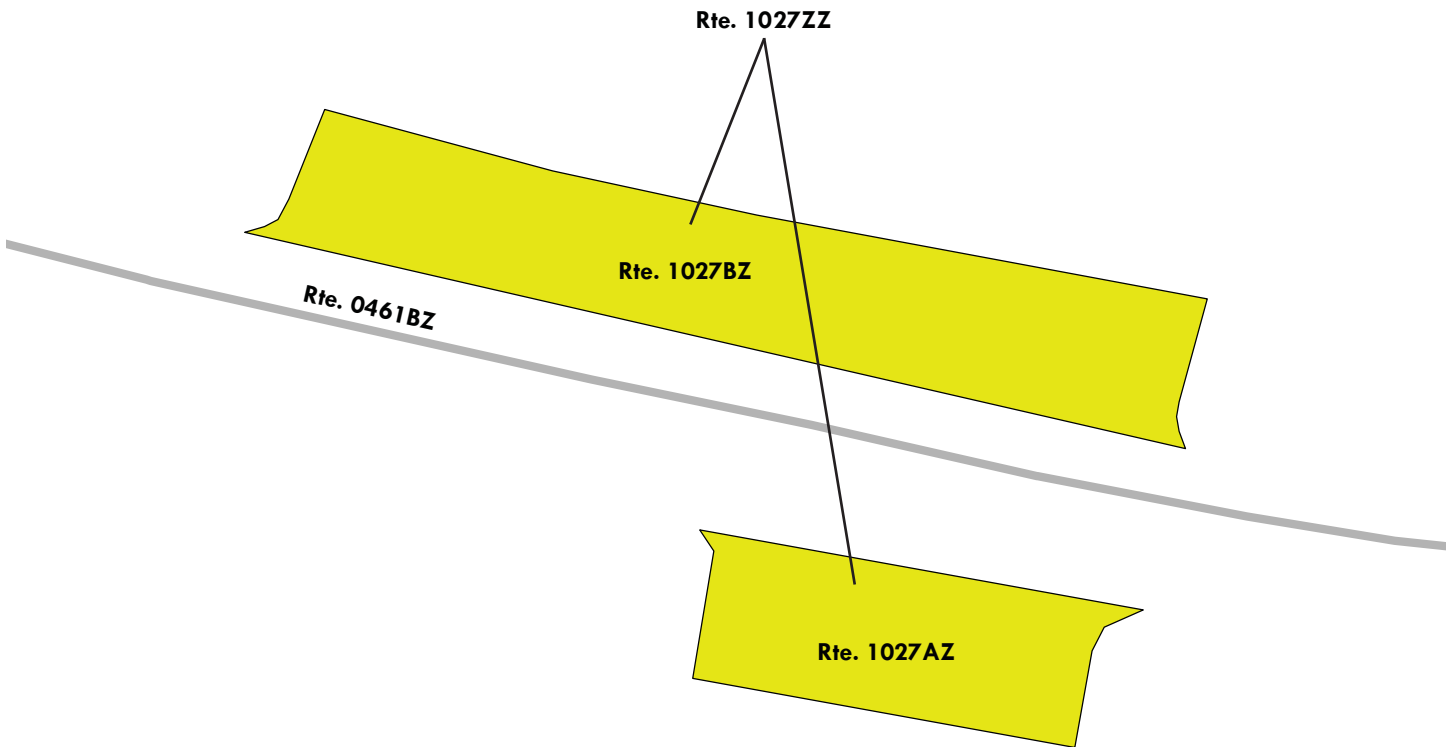
Inspection Date	FMSS Number	User Access	Surface Type
5/18/2016	104064	PUBLIC	ASPHALT
Area (Sq. Ft.)	Lane Miles (11' Widths)	Condition Rating / PCR	
2,849	0.049	SUMMARY / 78	

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.



Grand Canyon National Park

ROUTE 1027AZ: FOUR PLEX PARKING A

Subcomponent of Route GRCA-1027ZZ

Manual Rating

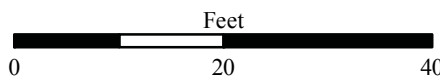
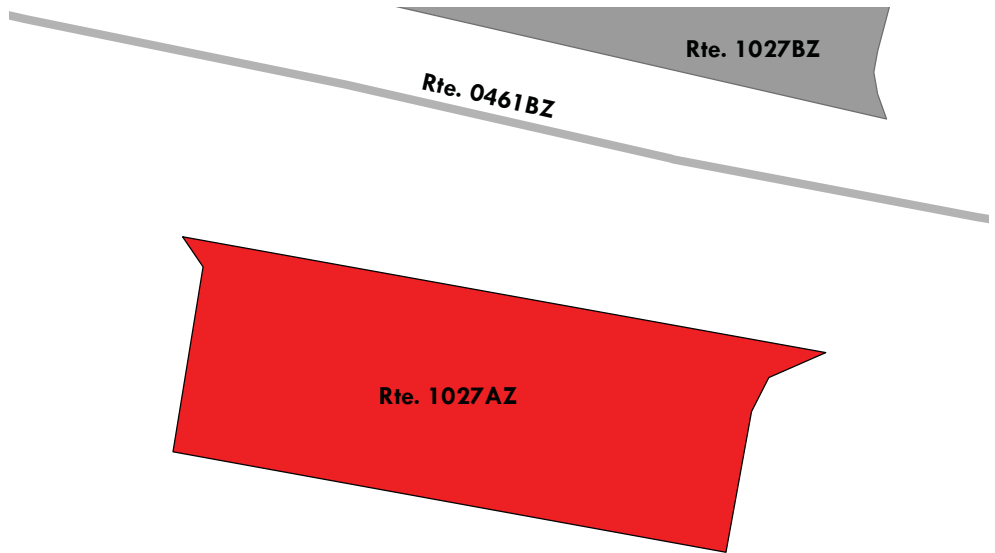
ADJACENT TO ROUTE 0461BZ (COLTER LANE)

Inspection Date	FMSS Number	User Access	Surface Type
5/18/2016	104064	PUBLIC	CONCRETE
Area (Sq. Ft.)	Lane Miles (11' Widths)	Curb Reveal (Inches)	Curb Recommendation
906	0.016	6	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

See Appendix for definitions and formulas



Grand Canyon National Park

ROUTE 1027BZ: FOUR PLEX PARKING B

Subcomponent of Route GRCA-1027ZZ

Manual Rating

ADJACENT TO ROUTE 0461BZ (COLTER LANE)

Inspection Date	FMSS Number	User Access	Surface Type
5/18/2016	104064	PUBLIC	ASPHALT
Area (Sq. Ft.)	Lane Miles (11' Widths)	Curb Reveal (Inches)	Curb Recommendation
1,943	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)

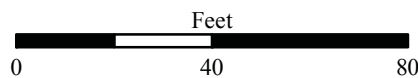
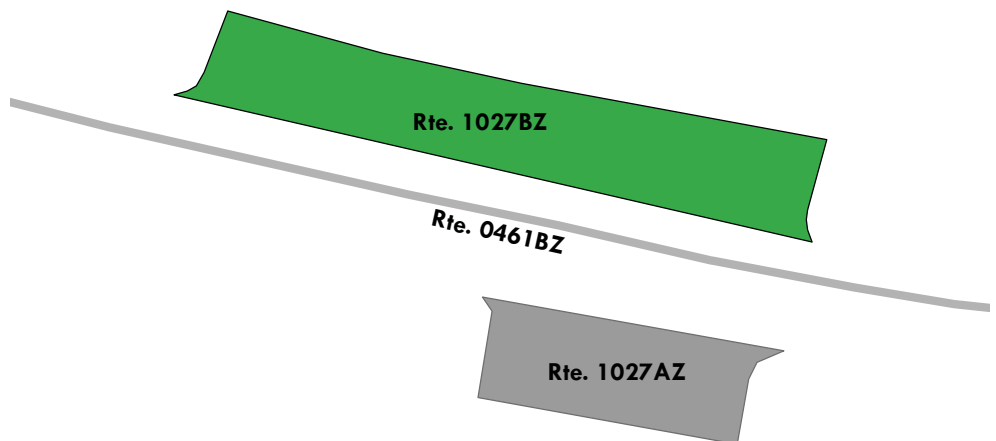
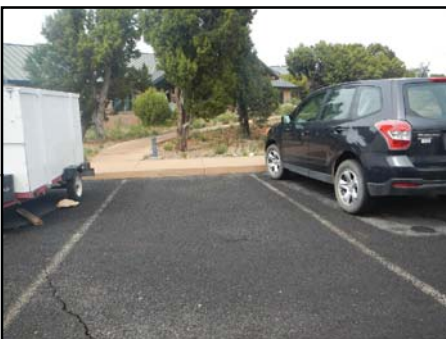
Fair (61- 84)

Good (85 - 94)

Excellent (95 - 100)

Not Rated

See Appendix for definitions and formulas



Grand Canyon National Park

ROUTE 1031: MOHAVE RESIDENTIAL PARKING

Manual Rating

FROM ROUTE 0422 (SOUTH MOHAVE STREET)

TO PARKING

Inspection Date	FMSS Number	User Access	Surface Type
5/16/2016	97463	PUBLIC	ASPHALT
Area (Sq. Ft.)	Lane Miles (11' Widths)	Curb Reveal (Inches)	Curb Recommendation
12,537	0.216	6	DO NOTHING
Curb Type		Curb & Gutter Type	
CONCRETE		NO CURB AND GUTTER	
Pavement Recommendation		Condition Rating / PCR	
PREVENTIVE MAINTENANCE		GOOD / 90	

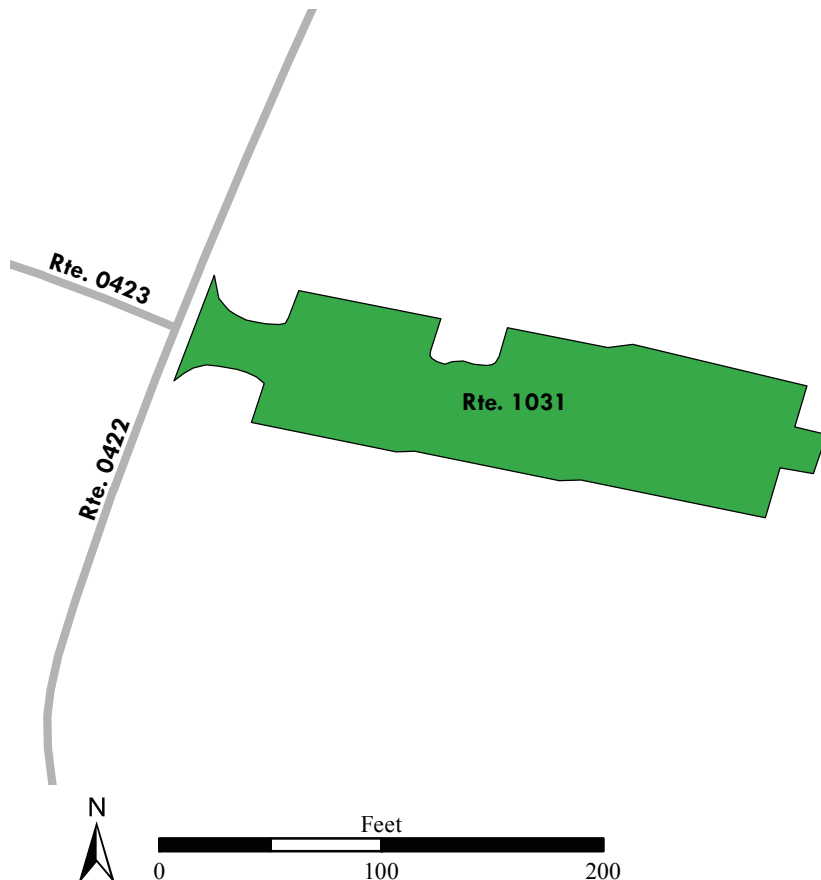
Route Condition Legend – Pavement Condition Rating (PCR)

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



Parking area consists of multiple surface types; 1 part asphalt at 12,210 square feet and 1 part concrete at 327 square feet.



Grand Canyon National Park

ROUTE 1033: 1ST EAST OF MOHAVE PARKING

Manual Rating

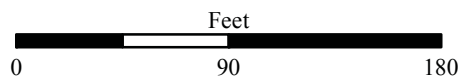
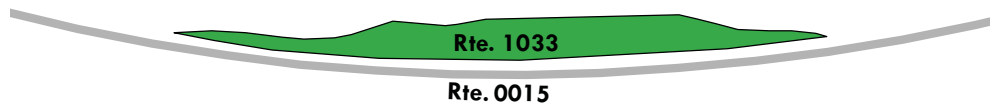
ADJACENT TO ROUTE 0015 (HERMIT REST ROAD) AT MP 2.84

Inspection Date	FMSS Number	User Access	Surface Type
5/17/2016	97343	PUBLIC	ASPHALT
Area (Sq. Ft.)	Lane Miles (11' Widths)	Curb Reveal (Inches)	Curb Recommendation
2,471	0.043	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



Grand Canyon National Park

ROUTE 1034: 1ST EAST OF PIMA POINT PARKING

Manual Rating

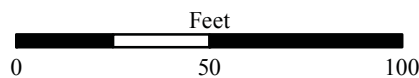
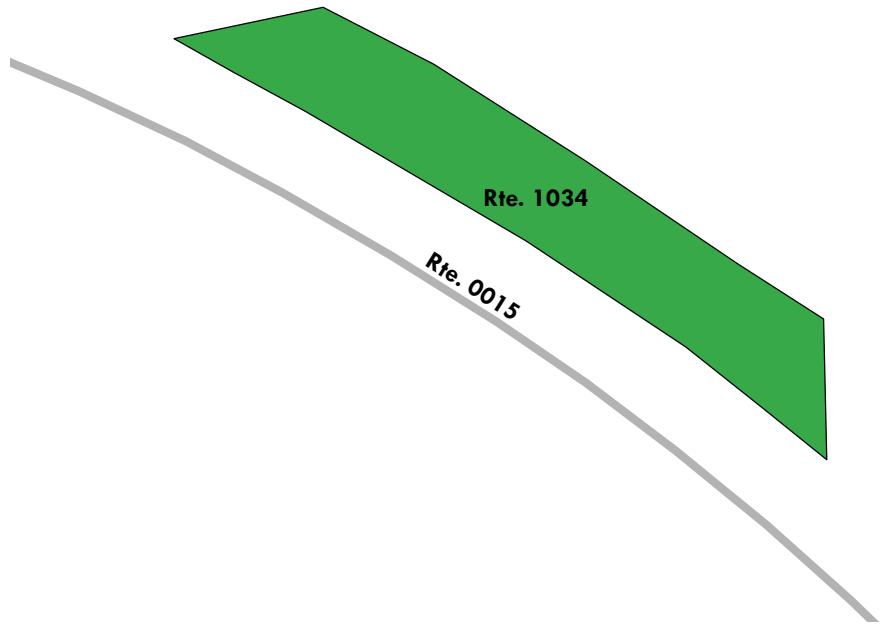
ADJACENT TO ROUTE 0015 (HERMIT REST ROAD) AT MP 6.17

Inspection Date	FMSS Number	User Access	Surface Type
5/17/2016	97345	PUBLIC	ASPHALT
Area (Sq. Ft.)	Lane Miles (11' Widths)	Curb Reveal (Inches)	Curb Recommendation
3,784	0.065	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



Grand Canyon National Park

ROUTE 1035: 1ST EAST OF THE ABYSS PARKING

Manual Rating

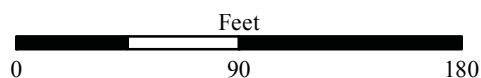
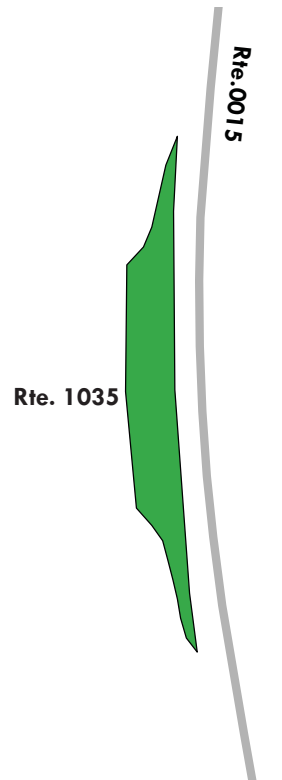
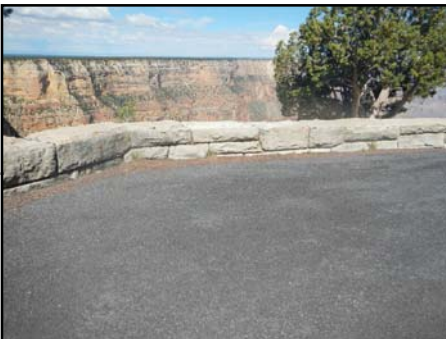
ADJACENT TO ROUTE 0015 (HERMIT REST ROAD) AT MP 3.88

Inspection Date	FMSS Number	User Access	Surface Type
5/17/2016	97344	PUBLIC	ASPHALT
Area (Sq. Ft.)	Lane Miles (11' Widths)	Curb Reveal (Inches)	Curb Recommendation
2,197	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
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See Appendix for definitions and formulas



Grand Canyon National Park

ROUTE 1036: 2ND EAST OF MOHAVE POINT PARKING

Manual Rating

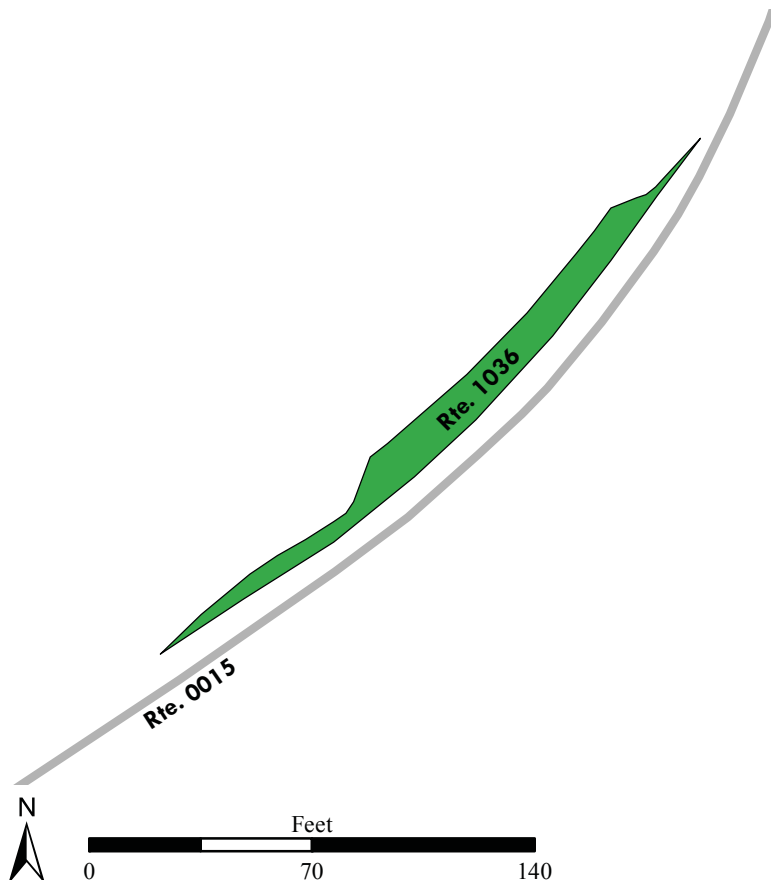
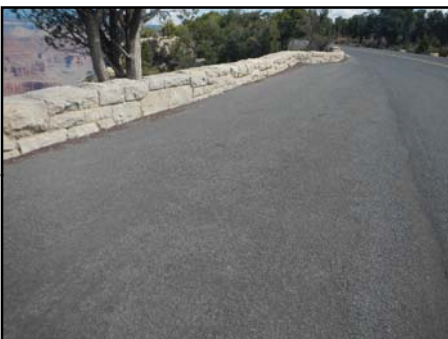
ADJACENT TO ROUTE 0015 (HERMIT REST ROAD) AT MP 2.57

Inspection Date	FMSS Number	User Access	Surface Type
5/17/2016	97341	PUBLIC	ASPHALT
Area (Sq. Ft.)	Lane Miles (11' Widths)	Curb Reveal (Inches)	Curb Recommendation
1,475	0.025	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



Grand Canyon National Park

ROUTE 1037: 2ND EAST OF PIMA POINT PARKING

Manual Rating

ADJACENT TO ROUTE 0015 (HERMIT REST ROAD) AT MP 5.01

Inspection Date	FMSS Number	User Access	Surface Type
5/17/2016	97346	PUBLIC	ASPHALT
Area (Sq. Ft.)	Lane Miles (11' Widths)	Curb Reveal (Inches)	Curb Recommendation
3,938	0.068	NOT APPLICABLE	NOT APPLICABLE
Curb Type		Curb & Gutter Type	
NO CURB		NO CURB AND GUTTER	
Pavement Recommendation		Condition Rating / PCR	
PREVENTIVE MAINTENANCE		GOOD / 90	

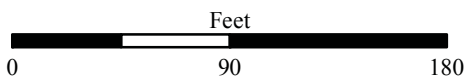
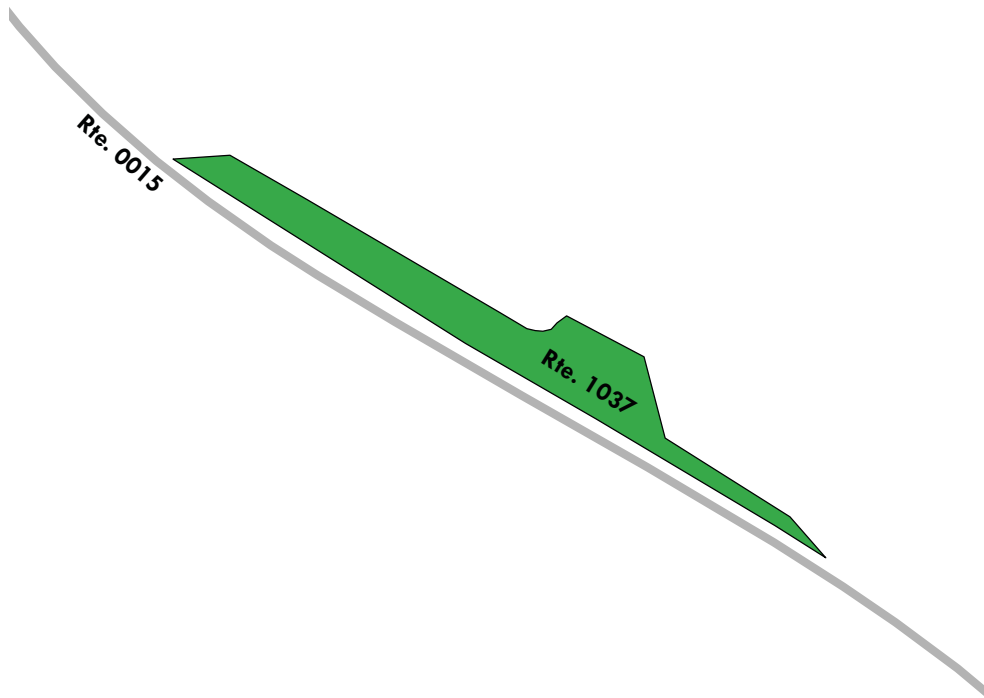
Route Condition Legend – Pavement Condition Rating (PCR)

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



Parking area consists of multiple surface types; 1 part asphalt at 2,950 square feet and 1 part concrete at 988 square feet.



Grand Canyon National Park

ROUTE 1038: 2ND EAST OF THE ABYSS PARKING

Manual Rating

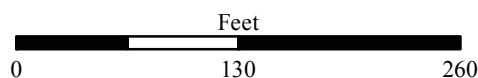
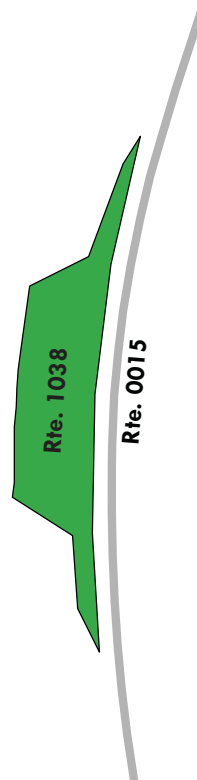
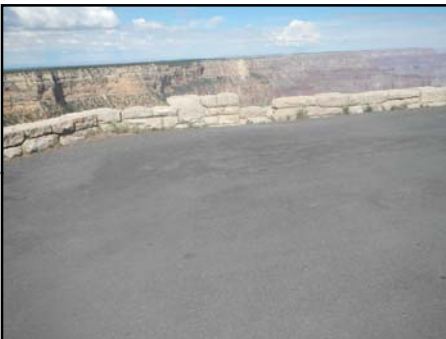
ADJACENT TO ROUTE 0015 (HERMIT REST ROAD) AT MP 3.66

Inspection Date	FMSS Number	User Access	Surface Type
5/17/2016	97342	PUBLIC	ASPHALT
Area (Sq. Ft.)	Lane Miles (11' Widths)	Curb Reveal (Inches)	Curb Recommendation
6,597	0.114	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



Grand Canyon National Park

ROUTE 1039: 3RD EAST OF PIMA POINT PARKING

Manual Rating

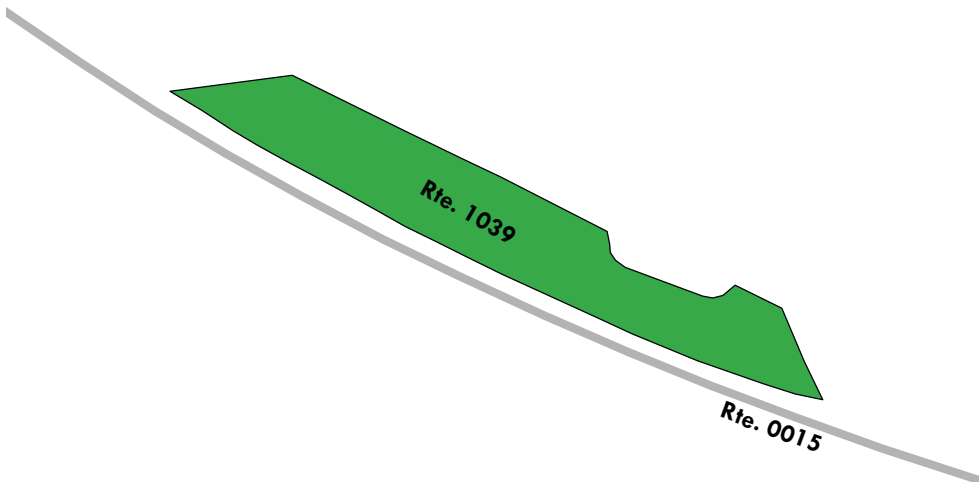
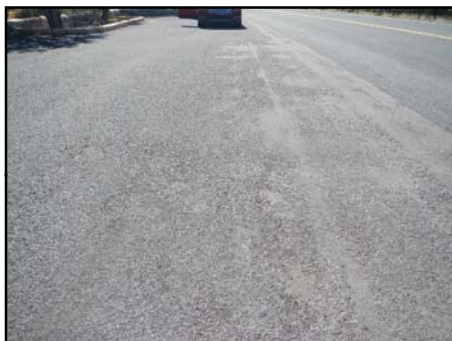
ADJACENT TO ROUTE 0015 (HERMIT REST ROAD) AT MP 4.76

Inspection Date	FMSS Number	User Access	Surface Type
5/17/2016	97339	PUBLIC	ASPHALT
Area (Sq. Ft.)	Lane Miles (11' Widths)	Curb Reveal (Inches)	Curb Recommendation
4,706	0.081	6	DO NOTHING
Curb Type		Curb & Gutter Type	
STONE		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



Grand Canyon National Park

ROUTE 1040: 4TH PAST PIMA POINT PARKING

Manual Rating

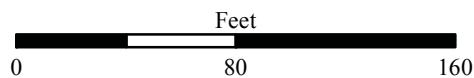
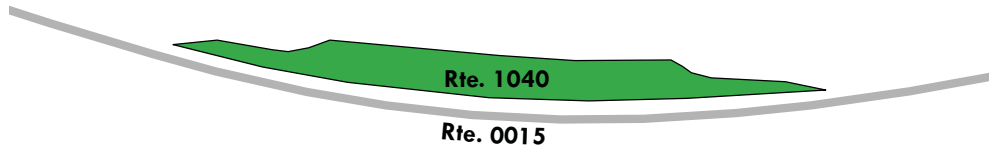
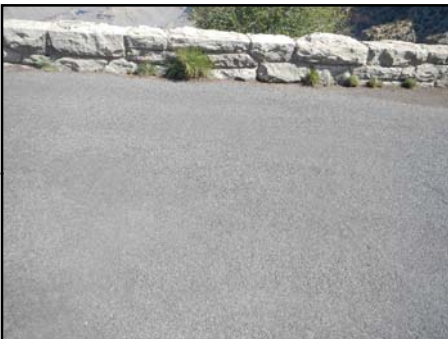
ADJACENT TO ROUTE 0015 (HERMIT REST ROAD) AT MP 4.50

Inspection Date	FMSS Number	User Access	Surface Type
5/17/2016	97337	PUBLIC	ASPHALT
Area (Sq. Ft.)	Lane Miles (11' Widths)	Curb Reveal (Inches)	Curb Recommendation
2,057	0.035	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



Grand Canyon National Park

ROUTE 1041: 3RD EAST OF THE ABYSS PARKING

Manual Rating

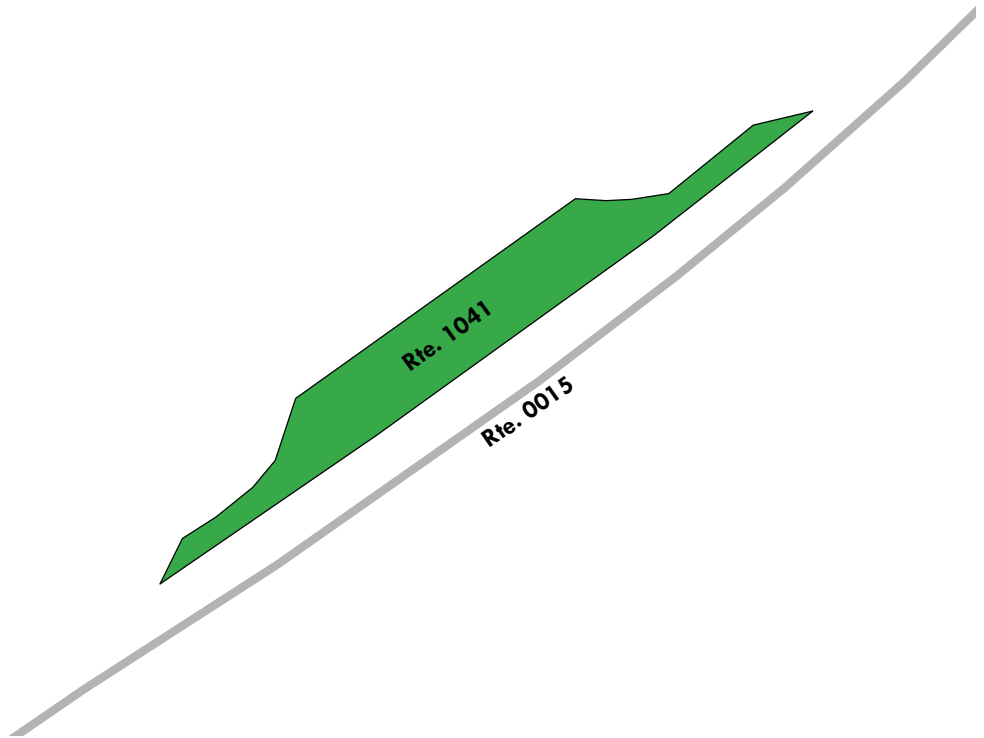
ADJACENT TO ROUTE 0015 (HERMIT REST ROAD) AT MP 3.29

Inspection Date	FMSS Number	User Access	Surface Type
5/17/2016	97340	PUBLIC	ASPHALT
Area (Sq. Ft.)	Lane Miles (11' Widths)	Curb Reveal (Inches)	Curb Recommendation
1,132	0.019	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



Grand Canyon National Park

ROUTE 1043: PARKING FOR NPS 8-PLEX

Manual Rating

FROM ROUTE 0461ZZ (EAST ENTRANCE RESIDENCE ROADS)

TO ROUTE 0461ZZ (EAST ENTRANCE RESIDENCE ROADS)

Inspection Date	FMSS Number	User Access	Surface Type
5/18/2016	104065	PUBLIC	ASPHALT
Area (Sq. Ft.)	Lane Miles (11' Widths)	Curb Reveal (Inches)	Curb Recommendation
14,402	0.248	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)

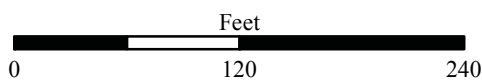
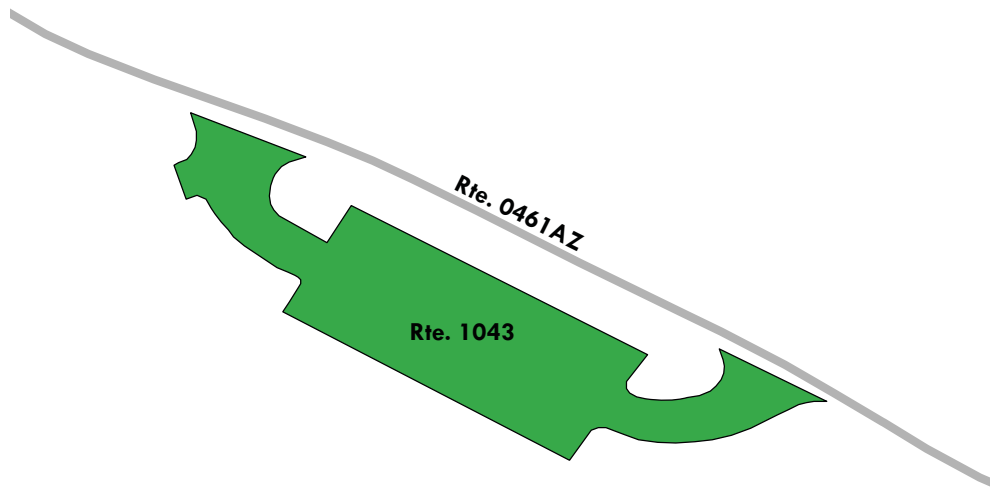
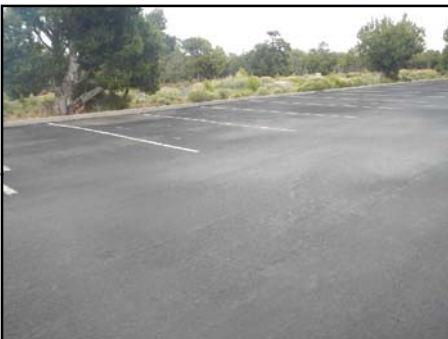
Fair (61- 84)

Good (85 - 94)

Excellent (95 - 100)

Not Rated

See Appendix for definitions and formulas



Grand Canyon National Park

ROUTE 1044ZZ: RANGER OPERATIONS PARKING LOTS

Summary Route
Manual Rating

ADJACENT TO ROUTE 0016 (CENTER ROAD)

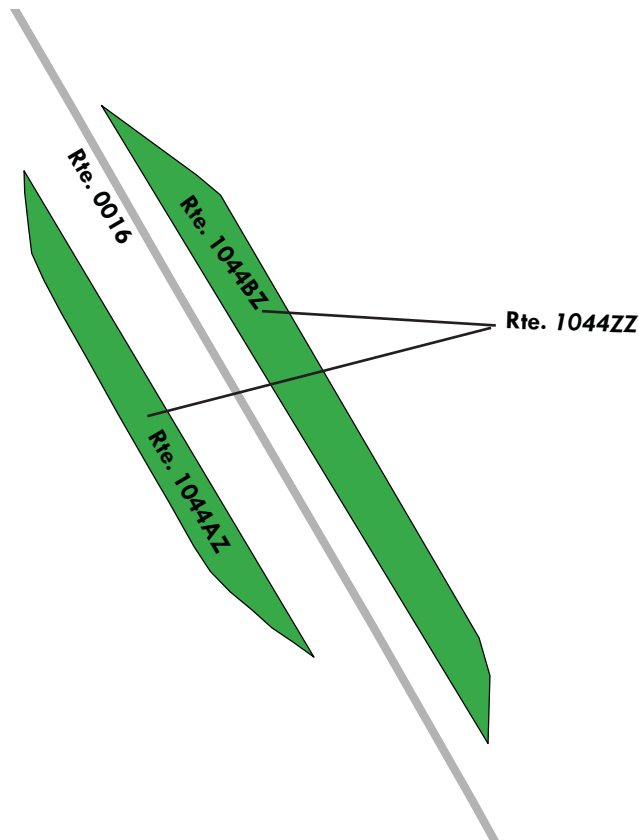
Inspection Date	FMSS Number	User Access	Surface Type
5/16/2016	102298	PUBLIC	ASPHALT
Area (Sq. Ft.)	Lane Miles (11' Widths)	Condition Rating / PCR	
3,255	0.056	SUMMARY / 90	

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.



Grand Canyon National Park

ROUTE 1044AZ: MAGISTRATE PARKING A

Subcomponent of Route GRCA-1044ZZ

Manual Rating

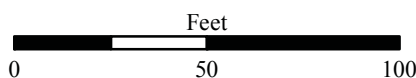
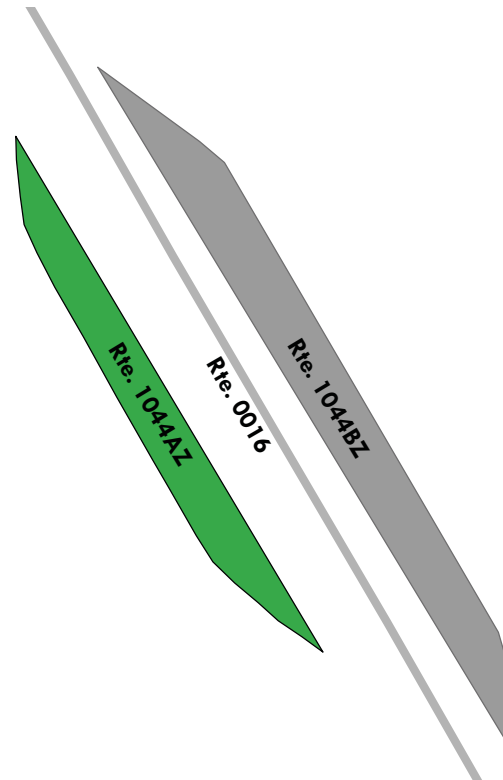
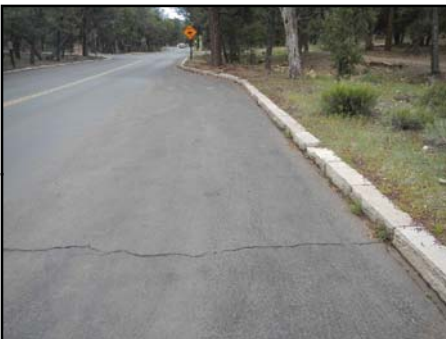
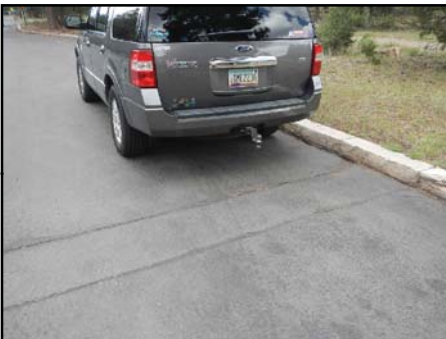
ADJACENT TO ROUTE 0016 (CENTER ROAD)

Inspection Date	FMSS Number	User Access	Surface Type
5/16/2016	102298	PUBLIC	ASPHALT
Area (Sq. Ft.)	Lane Miles (11' Widths)	Curb Reveal (Inches)	Curb Recommendation
1,241	0.021	6	LIGHT REPAIR
Curb Type		Curb & Gutter Type	
STONE		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



Grand Canyon National Park

ROUTE 1044BZ: MAGISTRATE PARKING B

Subcomponent of Route GRCA-1044ZZ

Manual Rating

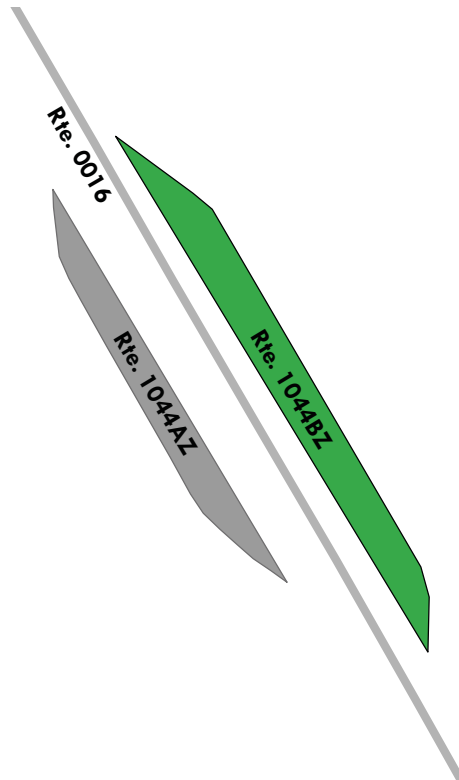
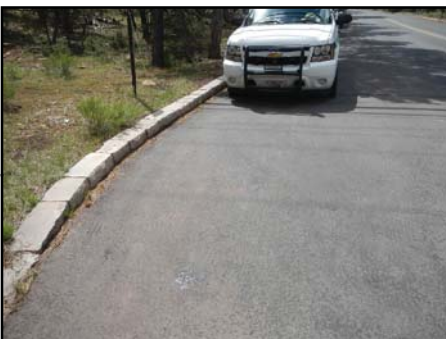
ADJACENT TO ROUTE 0016 (CENTER ROAD)

Inspection Date	FMSS Number	User Access	Surface Type
5/16/2016	102298	PUBLIC	ASPHALT
Area (Sq. Ft.)	Lane Miles (11' Widths)	Curb Reveal (Inches)	Curb Recommendation
2,014	0.035	5	DO NOTHING
Curb Type		Curb & Gutter Type	
STONE		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



Grand Canyon National Park

ROUTE 1045: EAST ENTRANCE SIGN PARKING

Manual Rating

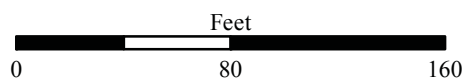
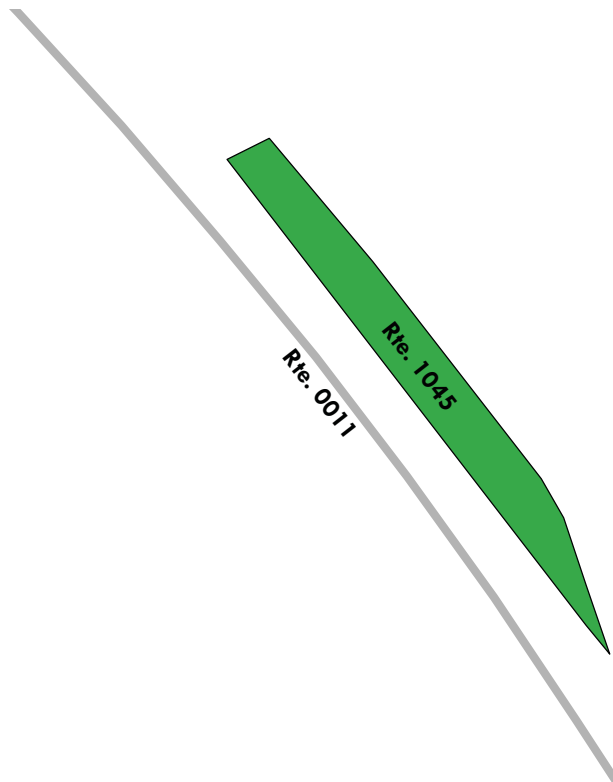
ADJACENT TO ROUTE 0011 (DESERT VIEW DRIVE)

Inspection Date	FMSS Number	User Access	Surface Type
5/18/2016	227126	PUBLIC	ASPHALT
Area (Sq. Ft.)	Lane Miles (11' Widths)	Curb Reveal (Inches)	Curb Recommendation
3,198	0.055	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



Grand Canyon National Park

ROUTE 1046: EAST ENTRANCE STATION PARKING

Manual Rating

FROM ROUTE 0011 (DESERT VIEW DRIVE)

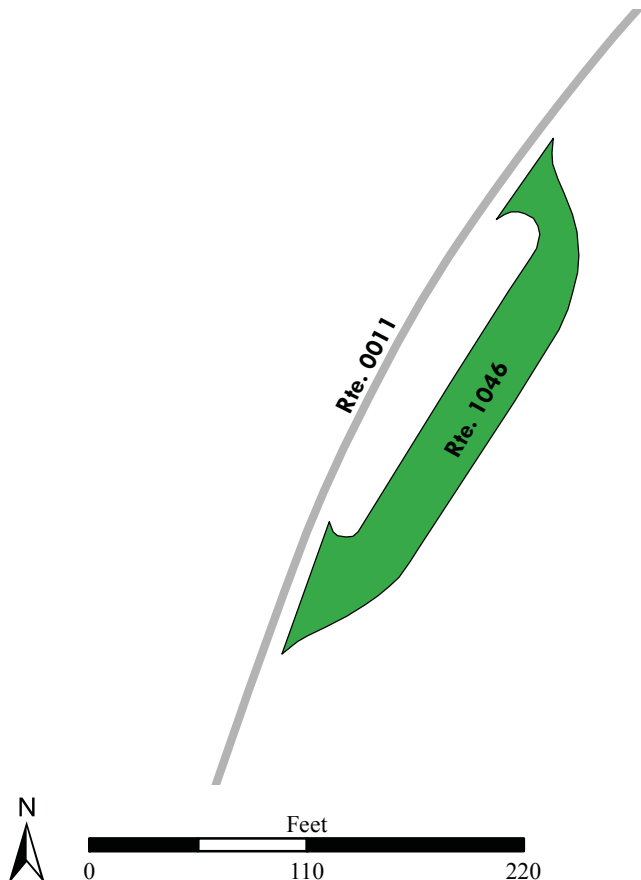
TO ROUTE 0011 (DESERT VIEW DRIVE)

Inspection Date	FMSS Number	User Access	Surface Type
5/18/2016	227129	PUBLIC	ASPHALT
Area (Sq. Ft.)	Lane Miles (11' Widths)	Curb Reveal (Inches)	Curb Recommendation
6,612	0.114	6	DO NOTHING
Curb Type		Curb & Gutter Type	
STONE		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



Grand Canyon National Park

ROUTE 1047: EAST STATION EMPLOYEE PARKING

Manual Rating

FROM ROUTE 0011 (DESERT VIEW DRIVE)

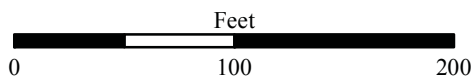
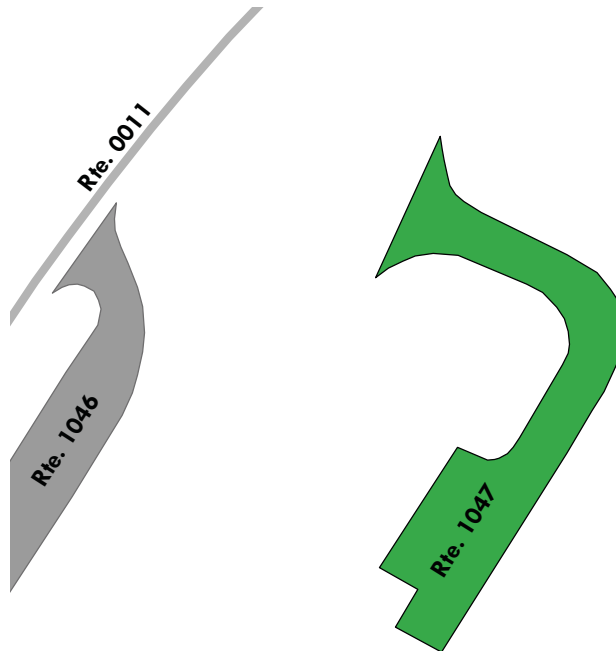
TO PARKING

Inspection Date	FMSS Number	User Access	Surface Type
5/18/2016	227130	PUBLIC	ASPHALT
Area (Sq. Ft.)	Lane Miles (11' Widths)	Curb Reveal (Inches)	Curb Recommendation
6,475	0.111	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
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See Appendix for definitions and formulas



Grand Canyon National Park

ROUTE 1048: YAVAPAI LODGE SERVICE ROAD/PARKING

Manual Rating

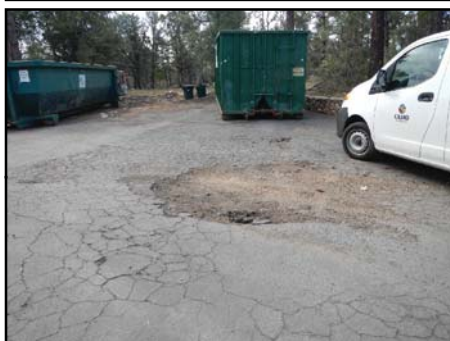
FROM ROUTE 0446 (YAVAPAI LODGE ROAD)
TO PARKING

Inspection Date	FMSS Number	User Access	Surface Type
5/17/2016	103378	PUBLIC	ASPHALT
Area (Sq. Ft.)	Lane Miles (11' Widths)	Curb Reveal (Inches)	Curb Recommendation
10,097	0.174	NOT APPLICABLE	NOT APPLICABLE
Curb Type		Curb & Gutter Type	
NO CURB		NO CURB AND GUTTER	
Pavement Recommendation		Condition Rating / PCR	
RECONSTRUCTION		POOR / 30	

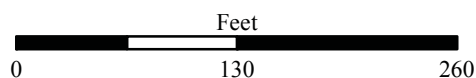
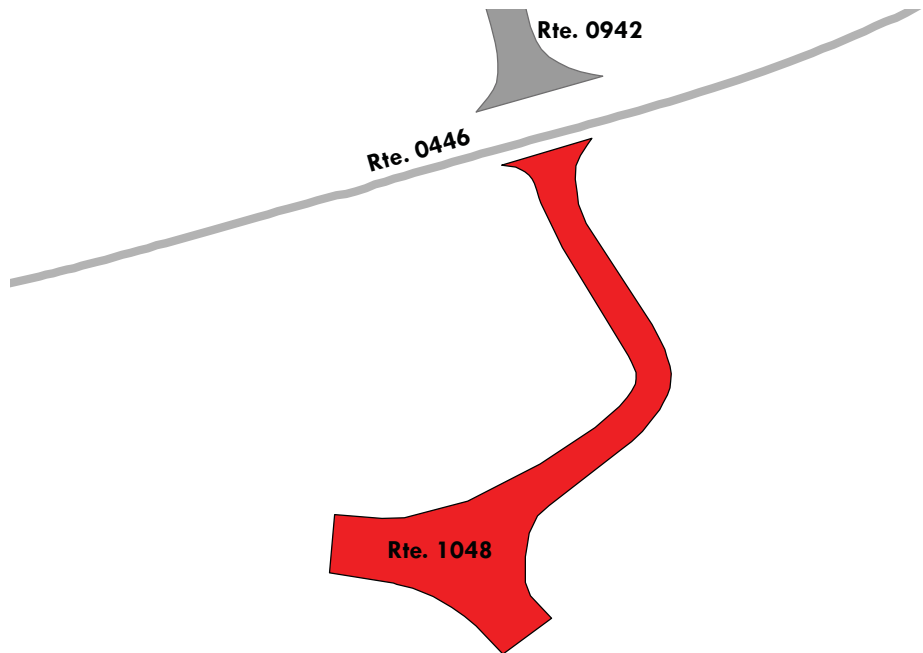
Route Condition Legend – Pavement Condition Rating (PCR)

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



Parking area consists of multiple surface types; 1 part asphalt at 8,909 square feet and 1 part concrete at 1,188 square feet.



Grand Canyon National Park

ROUTE 1049: MATHER CAMPGROUND CHECK IN PARKING

Manual Rating

FROM ROUTE 0271 (MATHER CAMPGROUND ACCESS ROAD)

TO ROUTE 0271 (MATHER CAMPGROUND ACCESS ROAD)

Inspection Date	FMSS Number	User Access	Surface Type
5/17/2016	227131	PUBLIC	ASPHALT
Area (Sq. Ft.)	Lane Miles (11' Widths)	Curb Reveal (Inches)	Curb Recommendation
12,938	0.223	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)

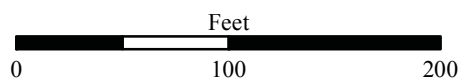
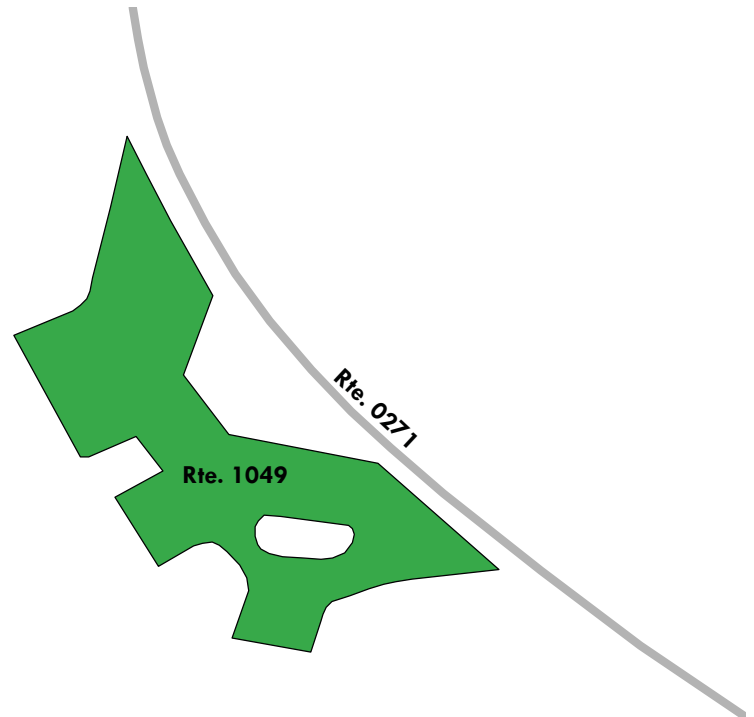
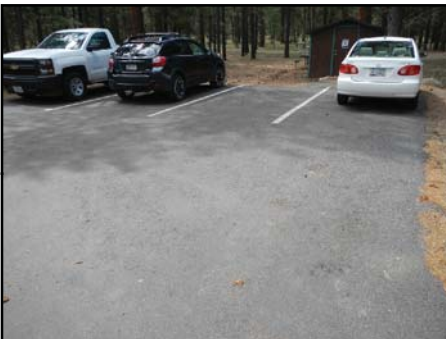
Fair (61- 84)

Good (85 - 94)

Excellent (95 - 100)

Not Rated

See Appendix for definitions and formulas



Grand Canyon National Park

ROUTE 1050: REAR DORM PARKING

Manual Rating

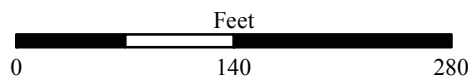
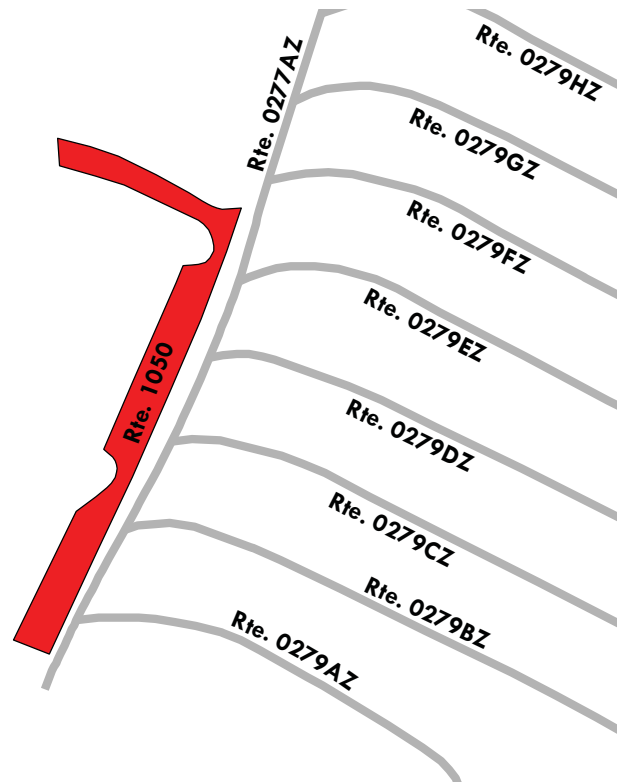
ADJACENT TO ROUTE 0277ZZ (TRAILER VILLAGE OUTER LOOP ROADS)

Inspection Date	FMSS Number	User Access	Surface Type
5/17/2016	103562	PUBLIC	ASPHALT
Area (Sq. Ft.)	Lane Miles (11' Widths)	Curb Reveal (Inches)	Curb Recommendation
6,651	0.115	4	DO NOTHING
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
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See Appendix for definitions and formulas



Grand Canyon National Park

ROUTE 1051: DESERT VIEW PARKING

Manual Rating

FROM ROUTE 0461ZZ (EAST ENTRANCE RESIDENCE ROADS)

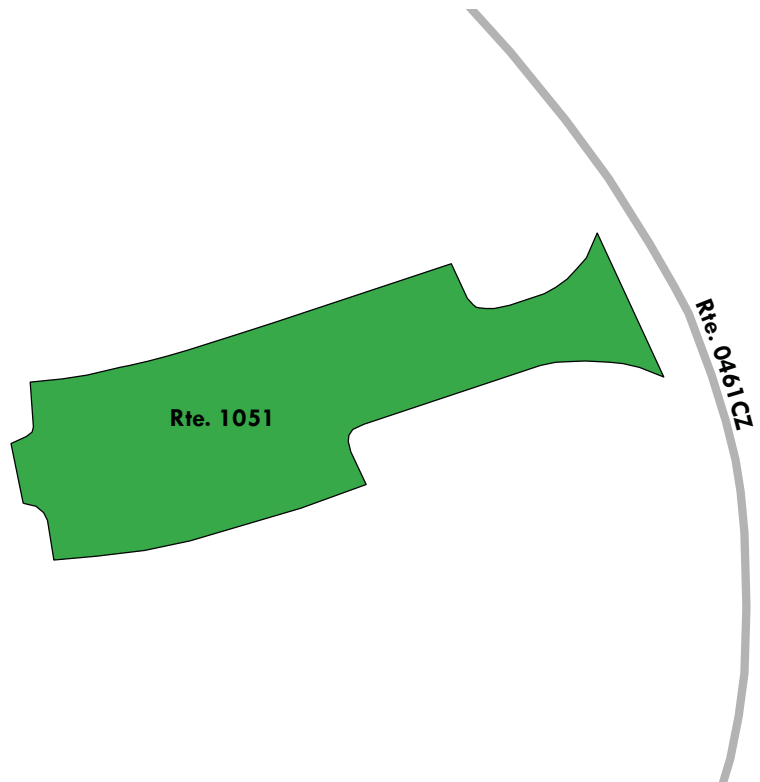
TO PARKING

Inspection Date	FMSS Number	User Access	Surface Type
5/18/2016	104061	PUBLIC	ASPHALT
Area (Sq. Ft.)	Lane Miles (11' Widths)	Curb Reveal (Inches)	Curb Recommendation
9,012	0.155	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



Grand Canyon National Park

ROUTE 1052: EMS PARKING

Manual Rating

FROM ROUTE 0014 (NORTH ENTRANCE ROAD (HWY 67))

TO ROUTE 0014 (NORTH ENTRANCE ROAD (HWY 67))

Inspection Date	FMSS Number	User Access	Surface Type
5/19/2016	227140	PUBLIC	ASPHALT
Area (Sq. Ft.)	Lane Miles (11' Widths)	Curb Reveal (Inches)	Curb Recommendation
38,090	0.656	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)

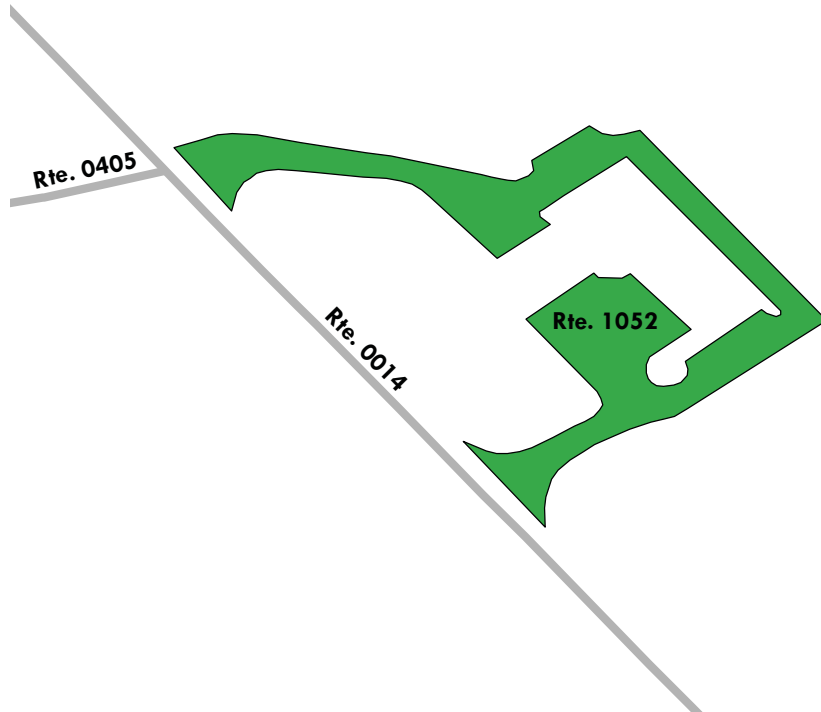
Fair (61- 84)

Good (85 - 94)

Excellent (95 - 100)

Not Rated

See Appendix for definitions and formulas



Grand Canyon National Park

ROUTE 1054ZZ: VISITOR CENTER PARKING AREAS

Summary Route
Manual Rating

FROM ROUTE 0012 (SOUTH ENTRANCE ROAD)

TO PARKING

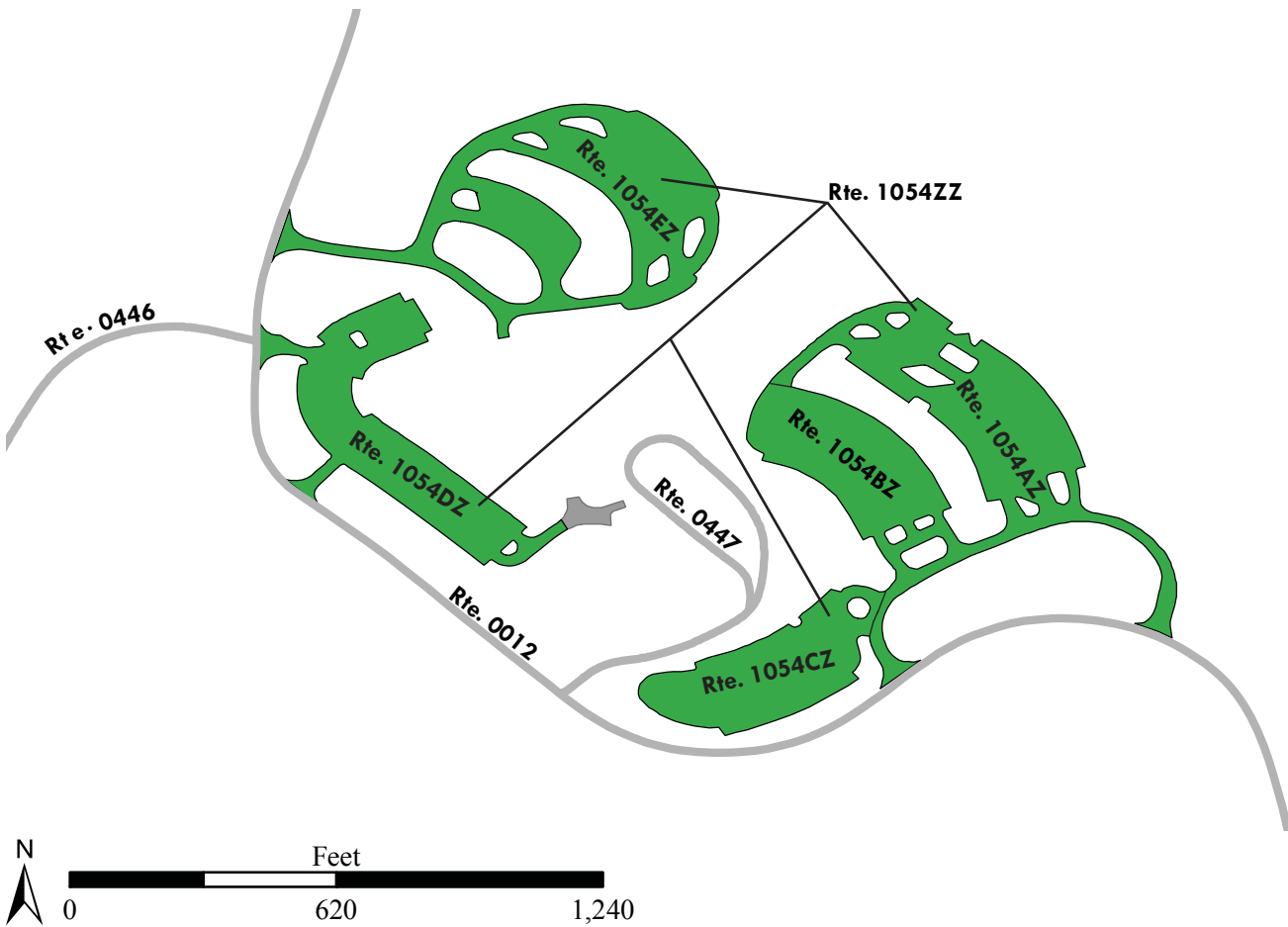
Inspection Date	FMSS Number	User Access	Surface Type
5/17/2016	97059	PUBLIC	ASPHALT
Area (Sq. Ft.)	Lane Miles (11' Widths)	Condition Rating / PCR	
536,168	9.231	SUMMARY / 91	

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.



Grand Canyon National Park

ROUTE 1054AZ: VISITOR CENTER PARKING #1

Subcomponent of Route GRCA-1054ZZ
Manual Rating

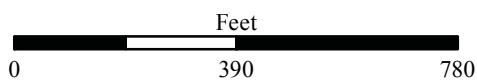
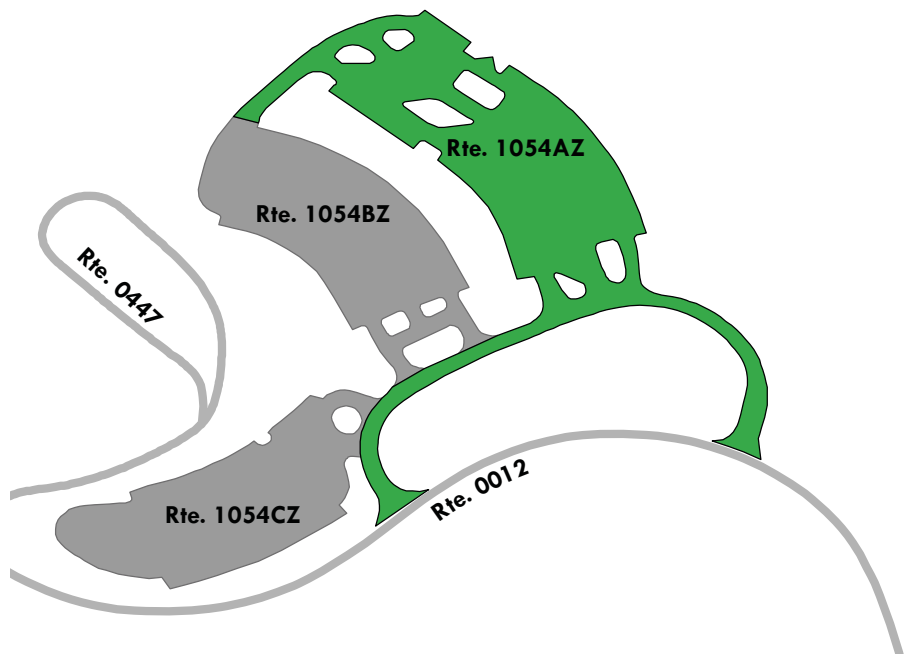
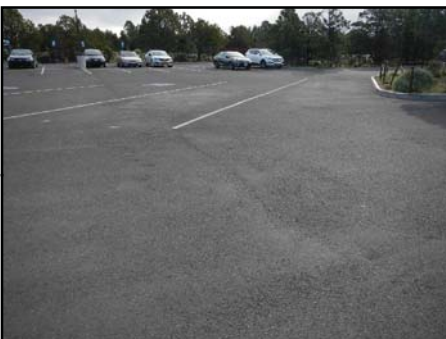
FROM ROUTE 0012 (SOUTH ENTRANCE ROAD)
 TO ROUTE 0012 (SOUTH ENTRANCE ROAD)

Inspection Date	FMSS Number	User Access	Surface Type
5/17/2016	97059	PUBLIC	ASPHALT
Area (Sq. Ft.)	Lane Miles (11' Widths)	Curb Reveal (Inches)	Curb Recommendation
130,902	2.254	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



Grand Canyon National Park

ROUTE 1054BZ: VISITOR CENTER PARKING #2

Subcomponent of Route GRCA-1054ZZ
Manual Rating

FROM ROUTE 1054AZ (VISITOR CENTER PARKING #1)

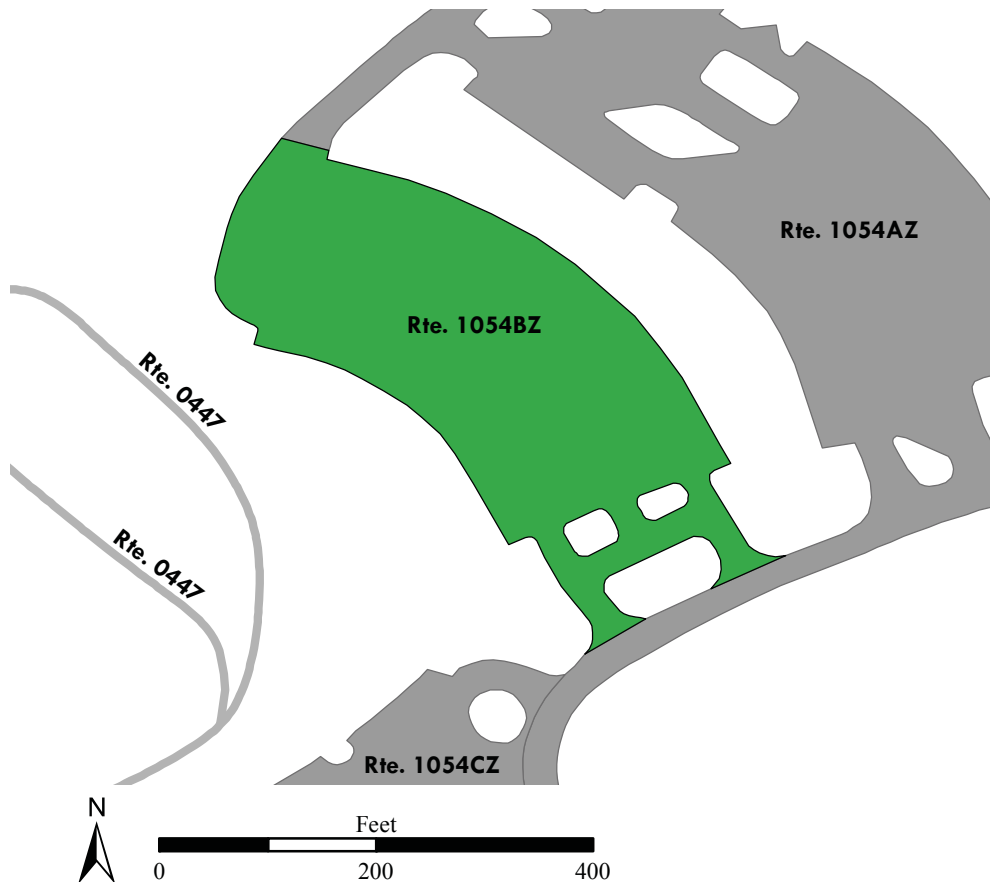
TO ROUTE 1054AZ (VISITOR CENTER PARKING #1)

Inspection Date	FMSS Number	User Access	Surface Type
5/17/2016	97059	PUBLIC	ASPHALT
Area (Sq. Ft.)	Lane Miles (11' Widths)	Curb Reveal (Inches)	Curb Recommendation
80,367	1.384	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
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See Appendix for definitions and formulas



Grand Canyon National Park

ROUTE 1054CZ: VISITOR CENTER PARKING #3

Subcomponent of Route GRCA-1054ZZ
Manual Rating

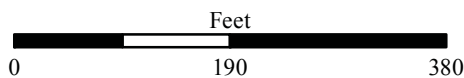
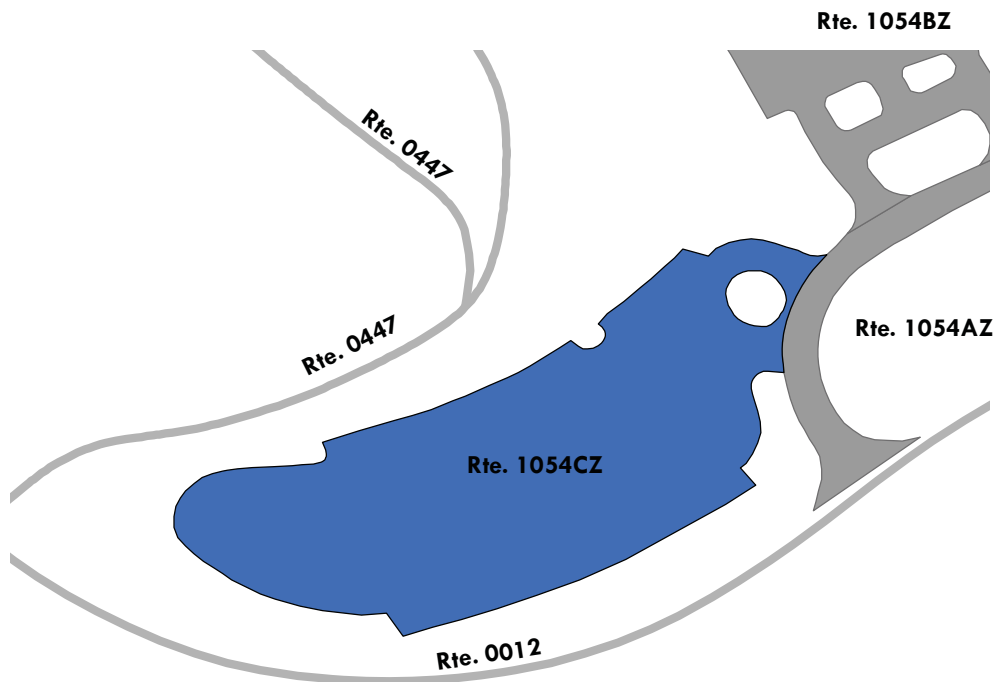
FROM ROUTE 1054AZ (VISITOR CENTER PARKING #1)
 TO PARKING

Inspection Date	FMSS Number	User Access	Surface Type
5/17/2016	97059	PUBLIC	ASPHALT
Area (Sq. Ft.)	Lane Miles (11' Widths)	Curb Reveal (Inches)	Curb Recommendation
74,660	1.285	7	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
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See Appendix for definitions and formulas



Grand Canyon National Park

ROUTE 1054DZ: VISITOR CENTER PARKING #4

Subcomponent of Route GRCA-1054ZZ
Manual Rating

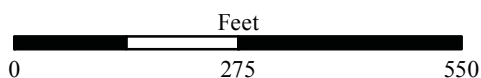
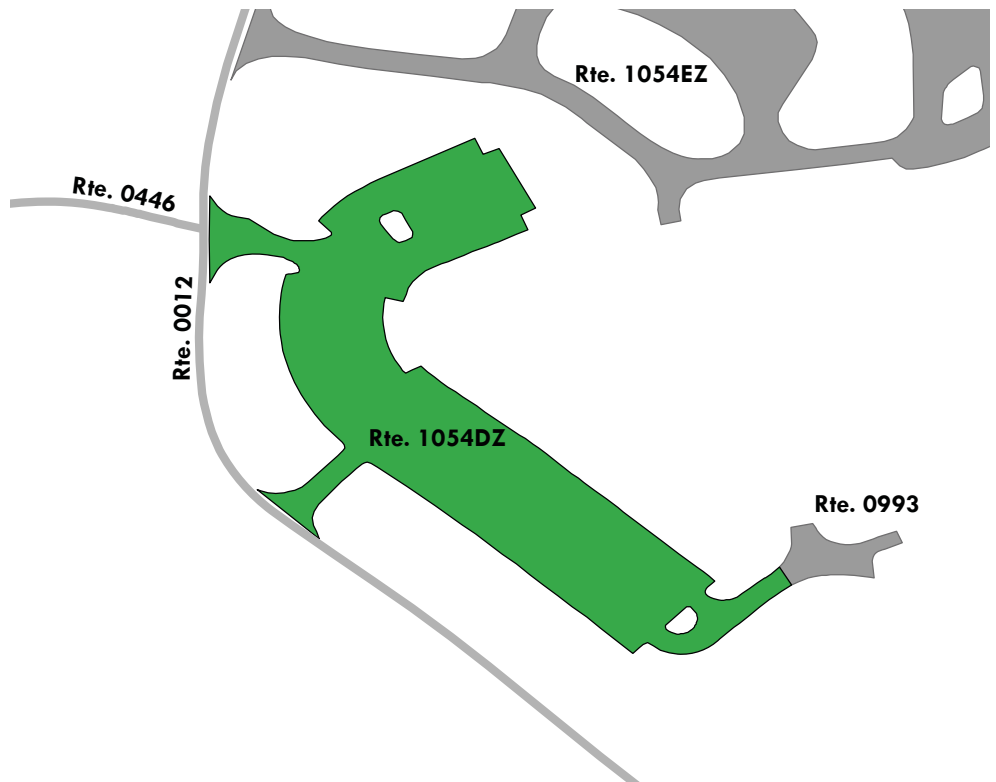
FROM ROUTE 0012 (SOUTH ENTRANCE ROAD)
 TO ROUTE 0993 (BOOK STORE EMPLOYEE PARKING)

Inspection Date	FMSS Number	User Access	Surface Type
5/17/2016	97059	PUBLIC	ASPHALT
Area (Sq. Ft.)	Lane Miles (11' Widths)	Curb Reveal (Inches)	Curb Recommendation
101,427	1.746	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
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See Appendix for definitions and formulas



Grand Canyon National Park

ROUTE 1054EZ: VISITOR CENTER COMERCIAL BUS PARKING

Subcomponent of Route GRCA-1054ZZ

Manual Rating

FROM ROUTE 0012 (SOUTH ENTRANCE ROAD)

TO PARKING

Inspection Date	FMSS Number	User Access	Surface Type
5/17/2016	97059	PUBLIC	ASPHALT
Area (Sq. Ft.)	Lane Miles (11' Widths)	Curb Reveal (Inches)	Curb Recommendation
148,812	2.562	8	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)

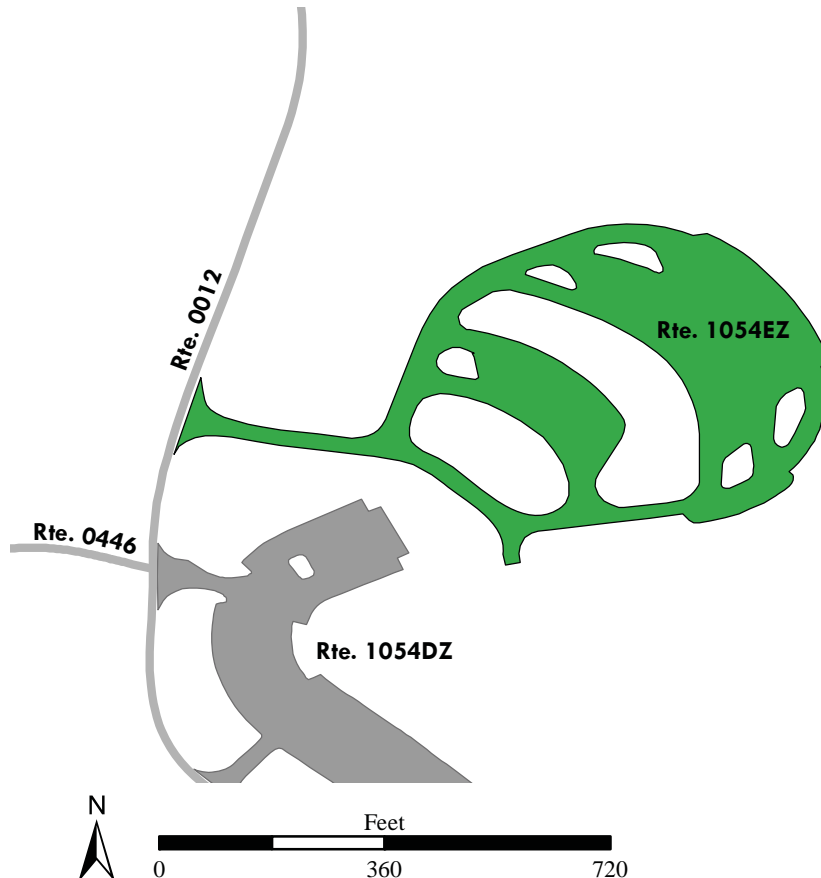
Excellent (95 - 100)

Not Rated

See Appendix for definitions and formulas



Parking area consists of multiple surface types; 1 part asphalt at 138,707 square feet and 3 parts concrete at 10,105 square feet.



Grand Canyon National Park

ROUTE 1061ZZ: BRIGHT ANGEL TRAIL HEAD PARKING AREAS

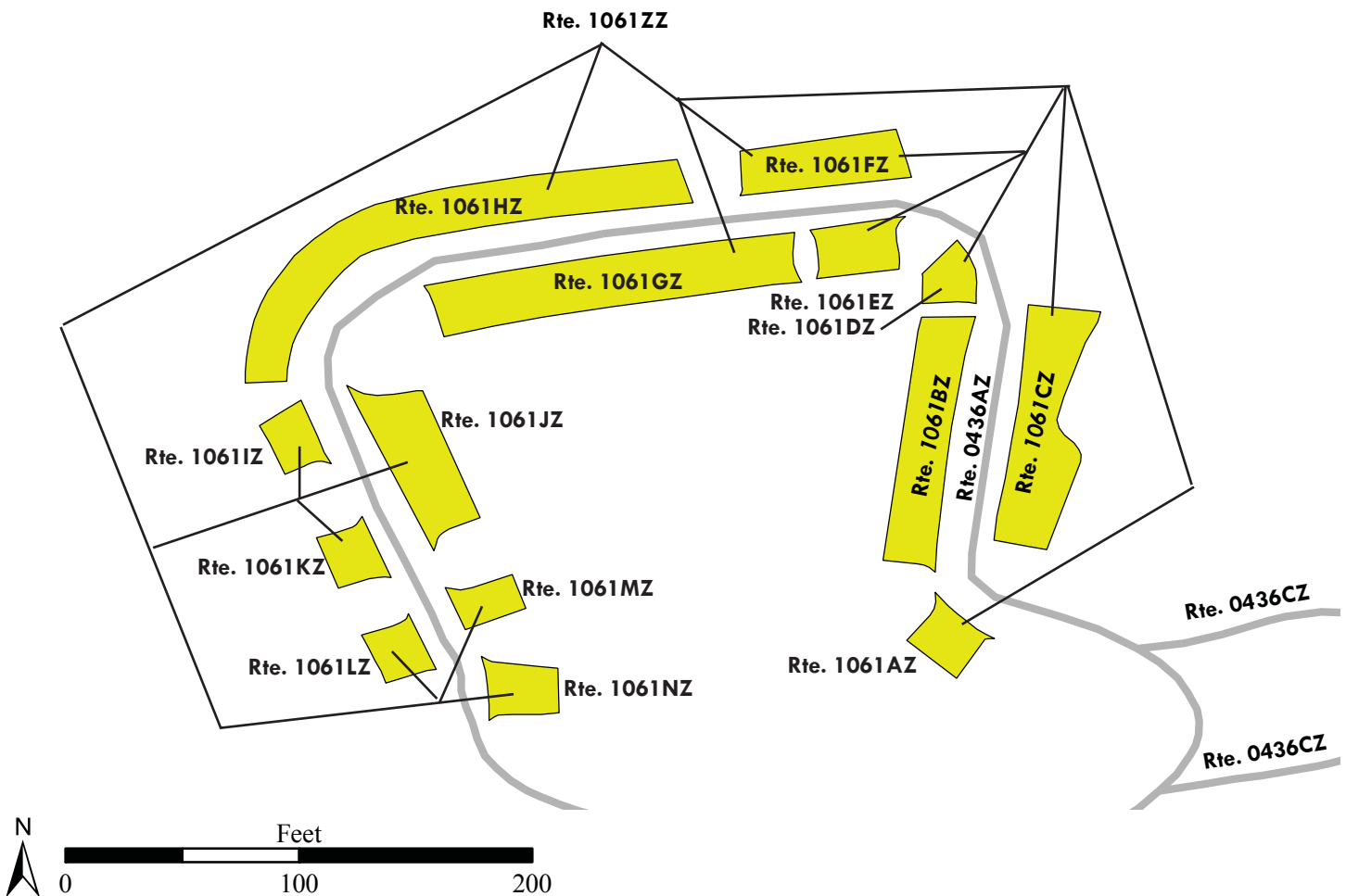
Summary Route
Manual Rating

ADJACENT TO ROUTE 0436AZ (BRIGHT ANGEL LOOP ROAD A) ON LEFT AND RIGHT

Inspection Date	FMSS Number	User Access	Surface Type
5/16/2016	108294	PUBLIC	ASPHALT
Area (Sq. Ft.)	Lane Miles (11' Widths)	Condition Rating / PCR	
16,203	0.279	SUMMARY / 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				

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



Grand Canyon National Park

ROUTE 1061AZ: BRIGHT ANGEL TRAIL HEAD PARKING A

Subcomponent of Route GRCA-1061ZZ
Manual Rating

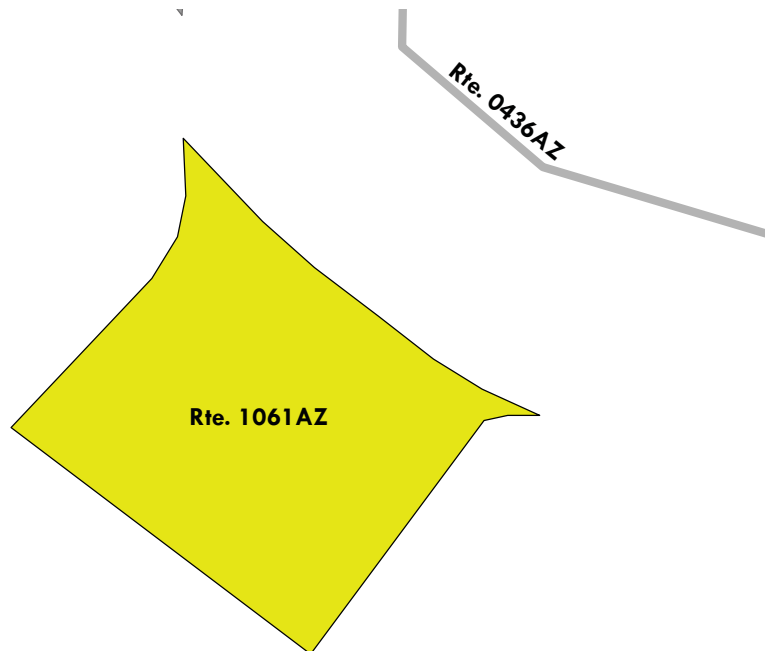
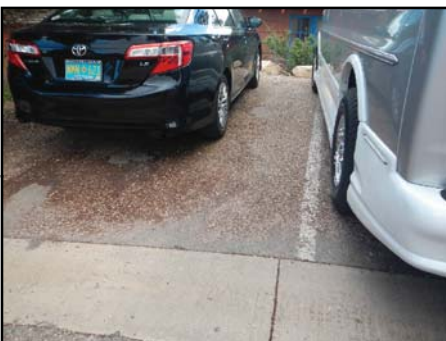
ADJACENT TO ROUTE 0436AZ (BRIGHT ANGEL LOOP ROAD A) ON LEFT

Inspection Date	FMSS Number	User Access	Surface Type
5/16/2016	108294	PUBLIC	ASPHALT
Area (Sq. Ft.)	Lane Miles (11' Widths)	Curb Reveal (Inches)	Curb Recommendation
472	0.008	5	DO NOTHING
Curb Type		Curb & Gutter Type	
STONE		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



Grand Canyon National Park

ROUTE 1061BZ: BRIGHT ANGEL TRAIL HEAD PARKING B

Subcomponent of Route GRCA-1061ZZ

Manual Rating

ADJACENT TO ROUTE 0436AZ (BRIGHT ANGEL LOOP ROAD A) ON LEFT

Inspection Date	FMSS Number	User Access	Surface Type
5/16/2016	108294	PUBLIC	ASPHALT
Area (Sq. Ft.)	Lane Miles (11' Widths)	Curb Reveal (Inches)	Curb Recommendation
1,843	0.032	5	DO NOTHING
Curb Type		Curb & Gutter Type	
STONE		NO CURB AND GUTTER	
Pavement Recommendation		Condition Rating / PCR	
LIGHT 3R TREATMENTS		FAIR / 73	

Route Condition Legend – Pavement Condition Rating (PCR)

Poor (0 - 60)

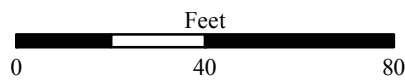
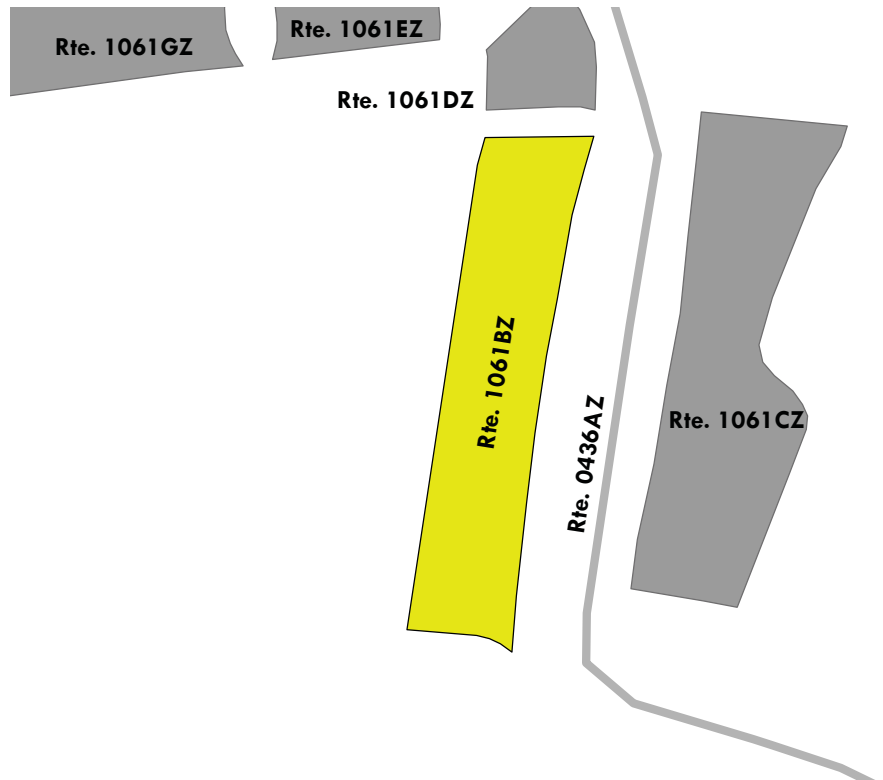
Fair (61- 84)

Good (85 - 94)

Excellent (95 - 100)

Not Rated

See Appendix for definitions and formulas



Grand Canyon National Park

ROUTE 1061CZ: BRIGHT ANGEL TRAIL HEAD PARKING C

Subcomponent of Route GRCA-1061ZZ
Manual Rating

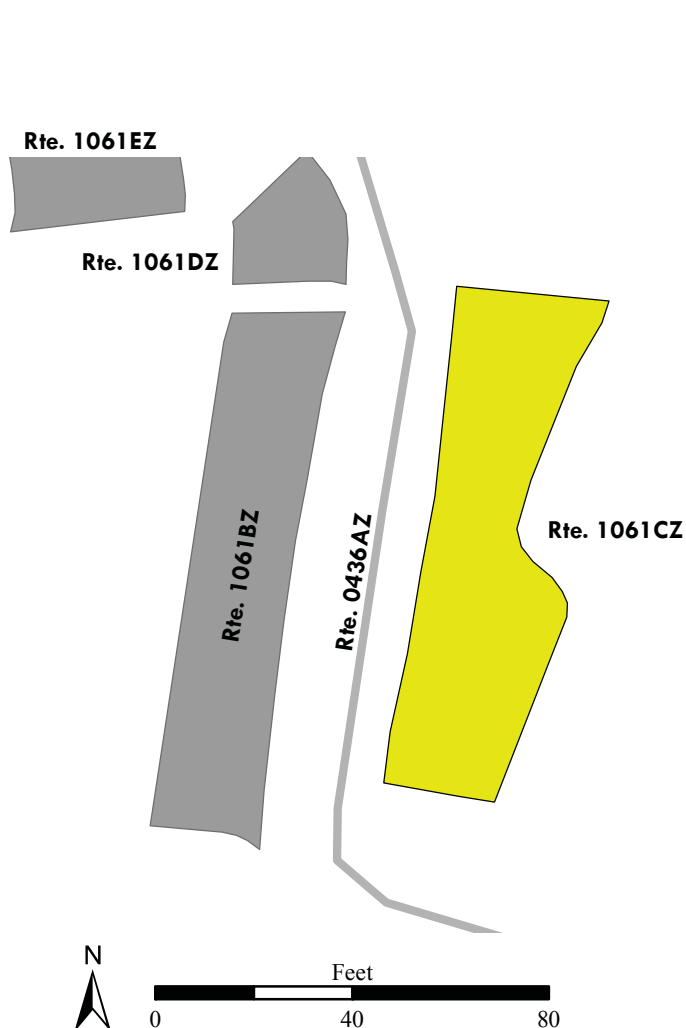
ADJACENT TO ROUTE 0436AZ (BRIGHT ANGEL LOOP ROAD A) ON RIGHT

Inspection Date	FMSS Number	User Access	Surface Type
5/16/2016	108294	PUBLIC	ASPHALT
Area (Sq. Ft.)	Lane Miles (11' Widths)	Curb Reveal (Inches)	Curb Recommendation
2,082	0.036	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



Grand Canyon National Park

ROUTE 1061DZ: BRIGHT ANGEL TRAIL HEAD PARKING D

Subcomponent of Route GRCA-1061ZZ
Manual Rating

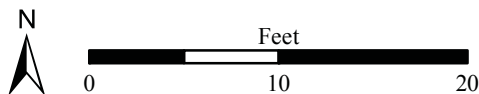
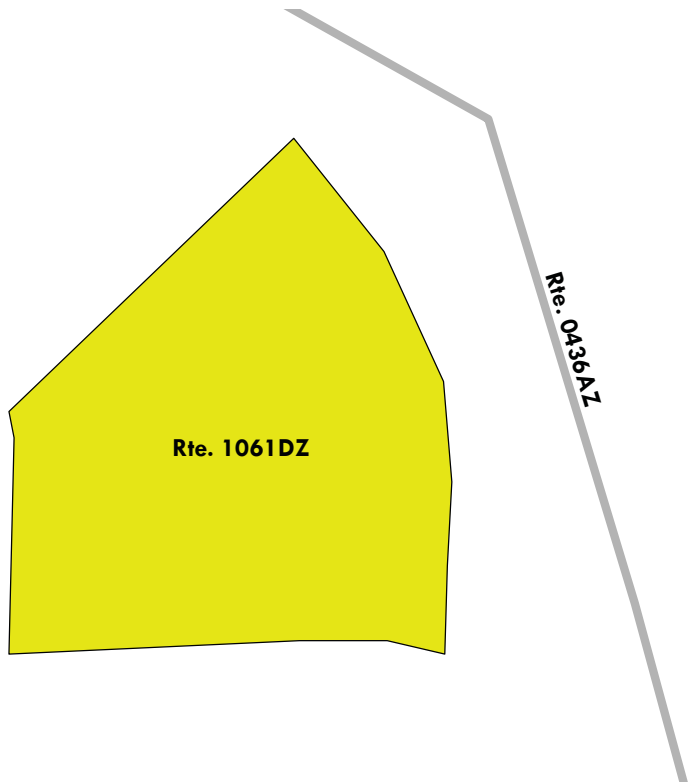
ADJACENT TO ROUTE 0436AZ (BRIGHT ANGEL LOOP ROAD A) ON LEFT

Inspection Date	FMSS Number	User Access	Surface Type
5/16/2016	108294	PUBLIC	ASPHALT
Area (Sq. Ft.)	Lane Miles (11' Widths)	Curb Reveal (Inches)	Curb Recommendation
376	0.006	2	DO NOTHING
Curb Type		Curb & Gutter Type	
CONCRETE AND STONE		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



Grand Canyon National Park

ROUTE 1061EZ: BRIGHT ANGEL TRAIL HEAD PARKING E

Subcomponent of Route GRCA-1061ZZ

Manual Rating

ADJACENT TO ROUTE 0436AZ (BRIGHT ANGEL LOOP ROAD A) ON LEFT

Inspection Date	FMSS Number	User Access	Surface Type
5/16/2016	108294	PUBLIC	ASPHALT
Area (Sq. Ft.)	Lane Miles (11' Widths)	Curb Reveal (Inches)	Curb Recommendation
617	0.011	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)

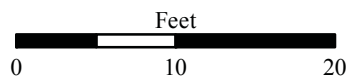
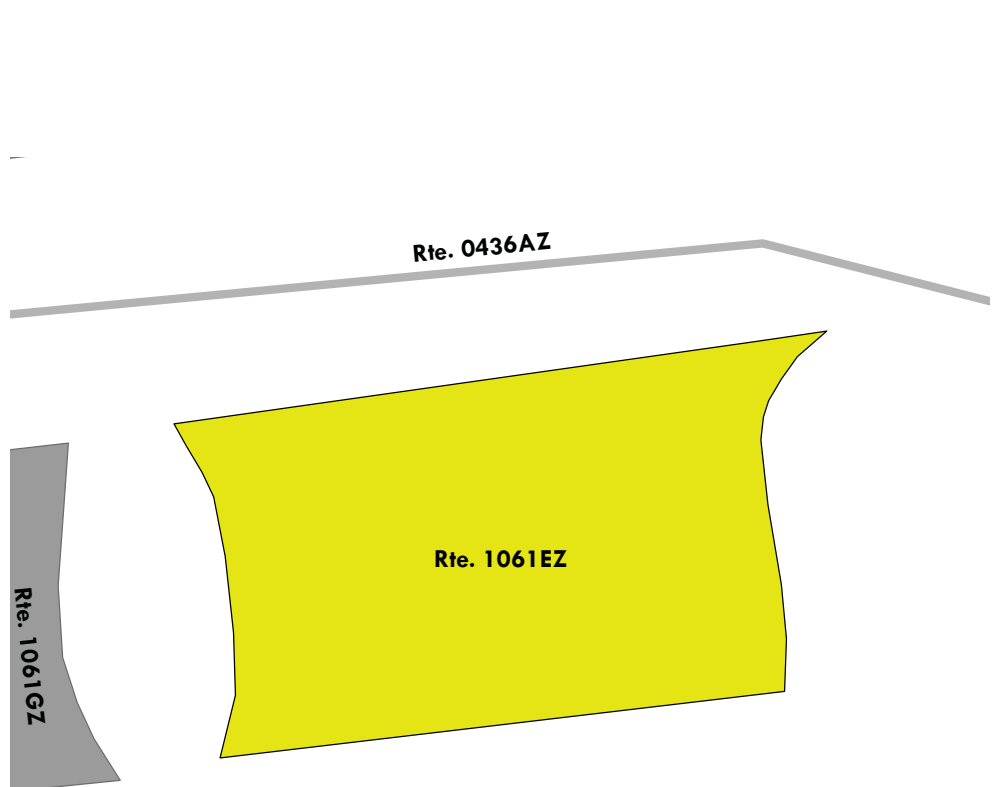
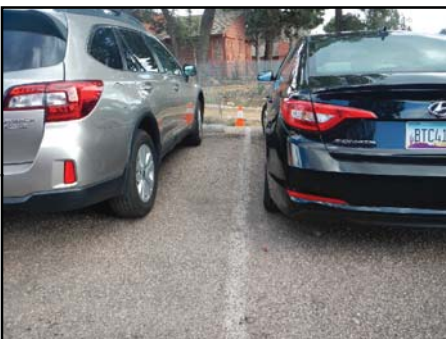
Fair (61- 84)

Good (85 - 94)

Excellent (95 - 100)

Not Rated

See Appendix for definitions and formulas



Grand Canyon National Park

ROUTE 1061FZ: BRIGHT ANGEL TRAIL HEAD PARKING F

Subcomponent of Route GRCA-1061ZZ
Manual Rating

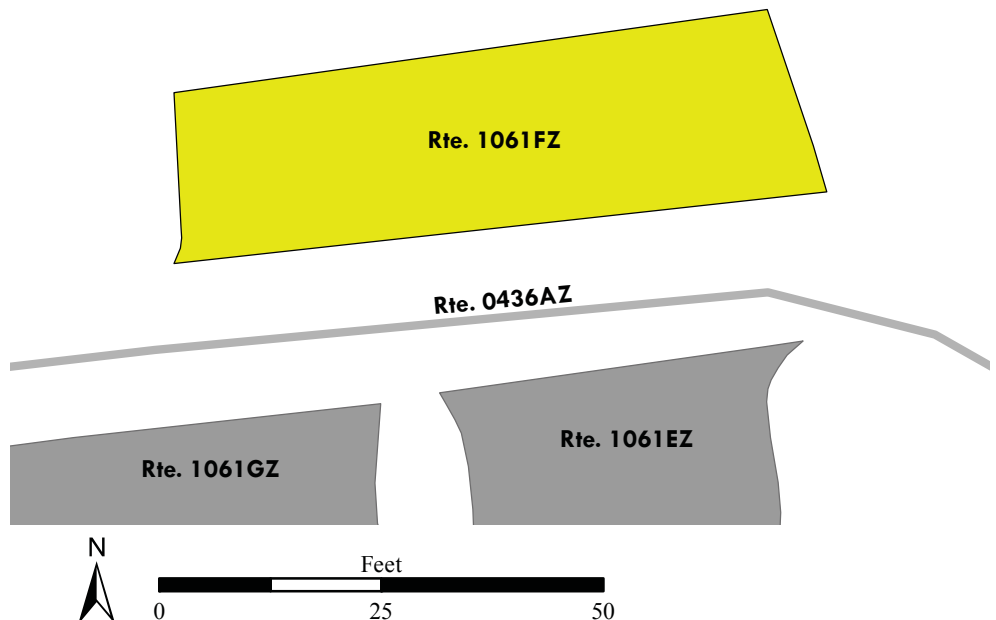
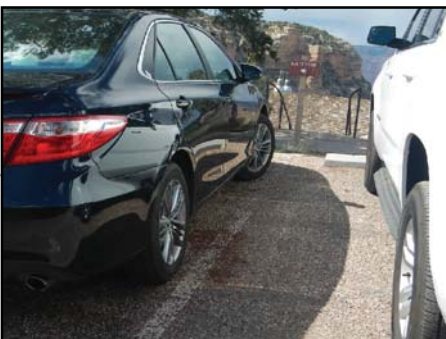
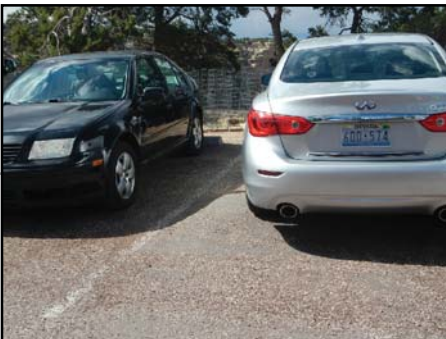
ADJACENT TO ROUTE 0436AZ (BRIGHT ANGEL LOOP ROAD A) ON RIGHT

Inspection Date	FMSS Number	User Access	Surface Type
5/16/2016	108294	PUBLIC	ASPHALT
Area (Sq. Ft.)	Lane Miles (11' Widths)	Curb Reveal (Inches)	Curb Recommendation
1,146	0.02	0	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
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See Appendix for definitions and formulas



Grand Canyon National Park

ROUTE 1061GZ: BRIGHT ANGEL TRAIL HEAD PARKING G

Subcomponent of Route GRCA-1061ZZ
Manual Rating

ADJACENT TO ROUTE 0436AZ (BRIGHT ANGEL LOOP ROAD A) ON LEFT

Inspection Date	FMSS Number	User Access	Surface Type
5/16/2016	108294	PUBLIC	ASPHALT
Area (Sq. Ft.)	Lane Miles (11' Widths)	Curb Reveal (Inches)	Curb Recommendation
2,775	0.048	0	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)

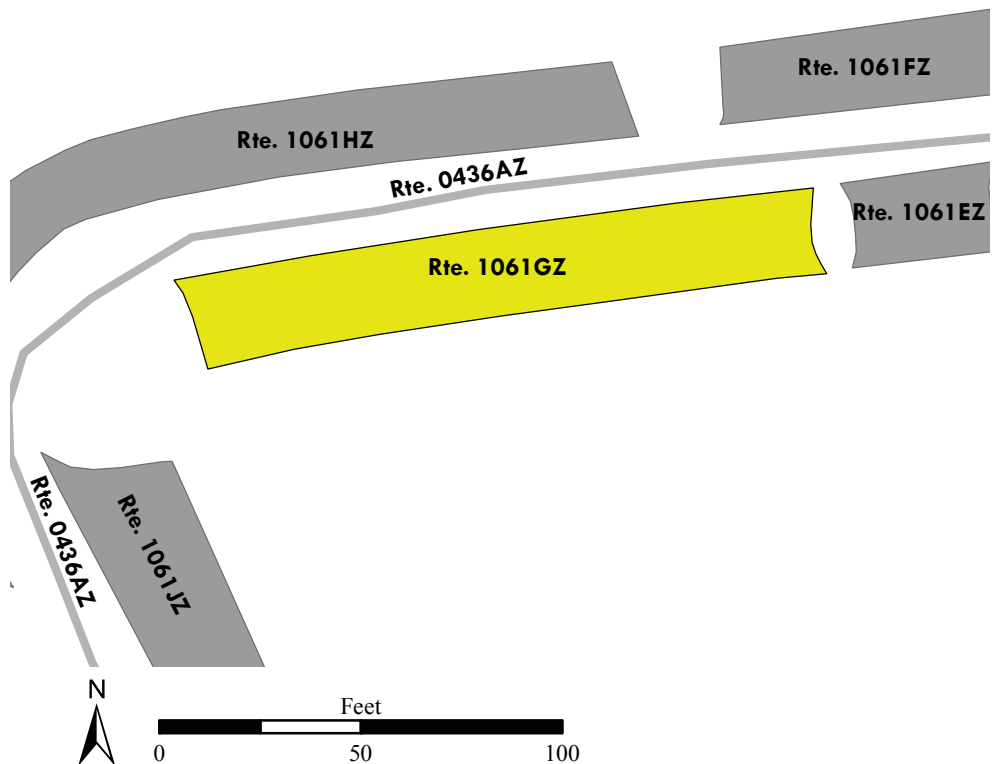
Fair (61- 84)

Good (85 - 94)

Excellent (95 - 100)

Not Rated

See Appendix for definitions and formulas



Grand Canyon National Park

ROUTE 1061HZ: BRIGHT ANGEL TRAIL HEAD PARKING H

Subcomponent of Route GRCA-1061ZZ

Manual Rating

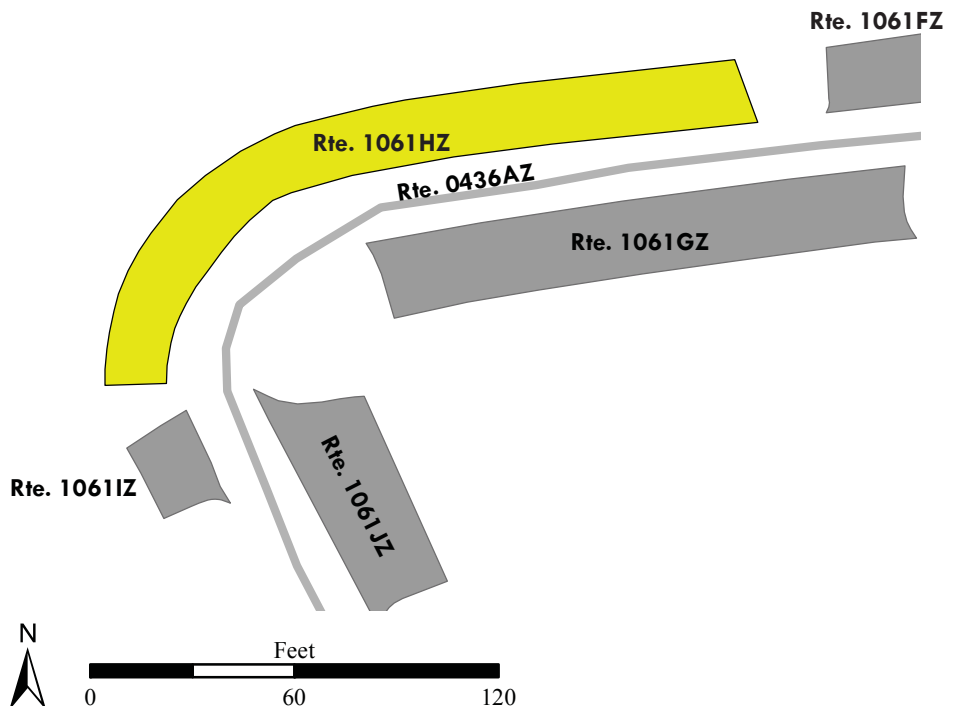
ADJACENT TO ROUTE 0436AZ (BRIGHT ANGEL LOOP ROAD A) ON RIGHT

Inspection Date	FMSS Number	User Access	Surface Type
5/16/2016	108294	PUBLIC	ASPHALT
Area (Sq. Ft.)	Lane Miles (11' Widths)	Curb Reveal (Inches)	Curb Recommendation
3,356	0.058	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



Grand Canyon National Park

ROUTE 1061IZ: BRIGHT ANGEL TRAIL HEAD PARKING I

Subcomponent of Route GRCA-1061ZZ
Manual Rating

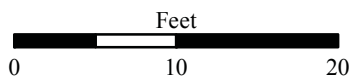
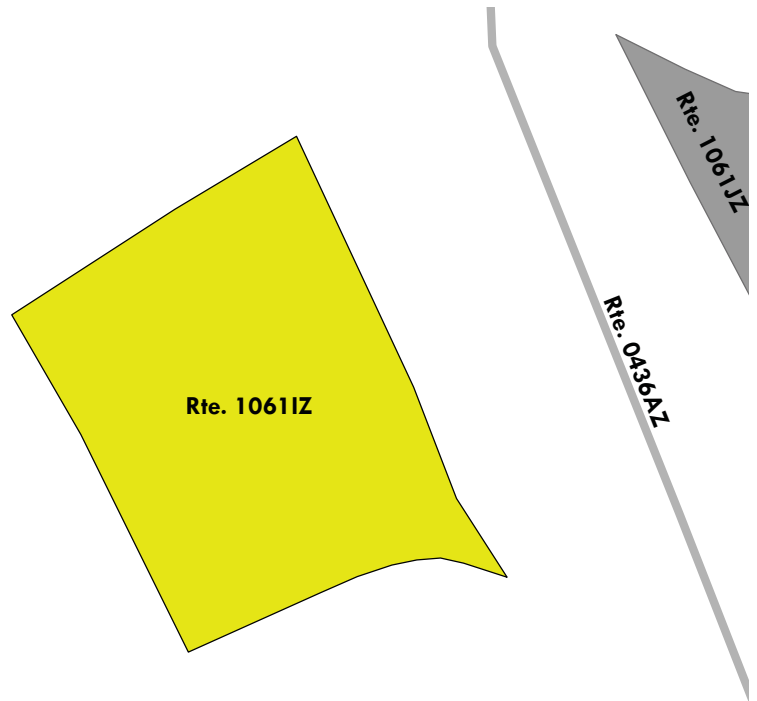
ADJACENT TO ROUTE 0436AZ (BRIGHT ANGEL LOOP ROAD A) ON RIGHT

Inspection Date	FMSS Number	User Access	Surface Type
5/16/2016	108294	PUBLIC	ASPHALT
Area (Sq. Ft.)	Lane Miles (11' Widths)	Curb Reveal (Inches)	Curb Recommendation
409	0.007	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



Grand Canyon National Park

ROUTE 1061JZ: BRIGHT ANGEL TRAIL HEAD PARKING J

Subcomponent of Route GRCA-1061ZZ
Manual Rating

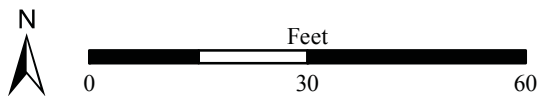
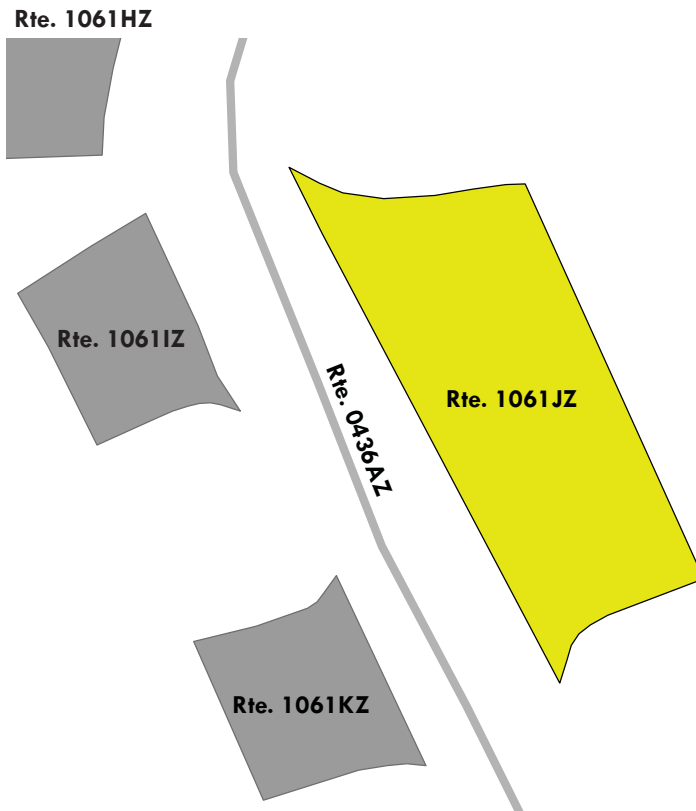
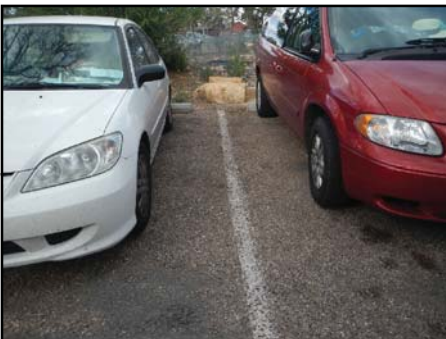
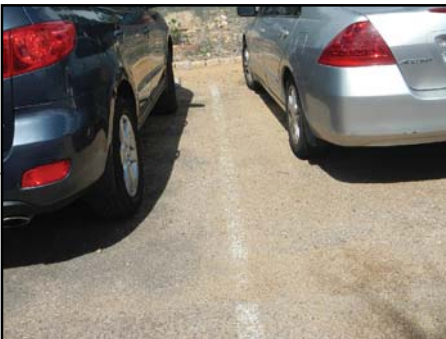
ADJACENT TO ROUTE 0436AZ (BRIGHT ANGEL LOOP ROAD A) ON LEFT

Inspection Date	FMSS Number	User Access	Surface Type
5/16/2016	108294	PUBLIC	ASPHALT
Area (Sq. Ft.)	Lane Miles (11' Widths)	Curb Reveal (Inches)	Curb Recommendation
1,386	0.024	0	DO NOTHING
Curb Type		Curb & Gutter Type	
STONE		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



Grand Canyon National Park

ROUTE 1061KZ: BRIGHT ANGEL TRAIL HEAD PARKING K

Subcomponent of Route GRCA-1061ZZ
Manual Rating

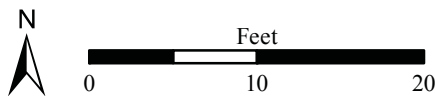
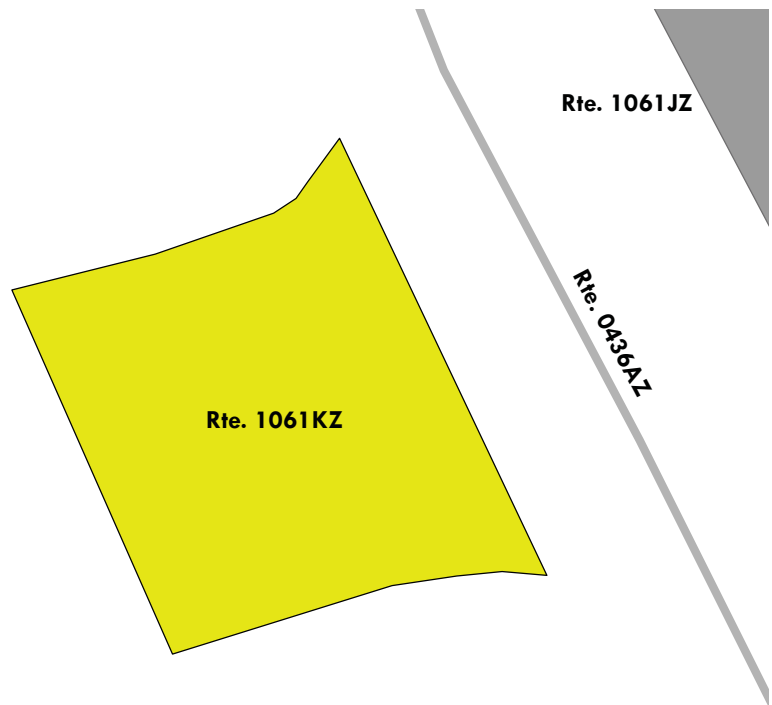
ADJACENT TO ROUTE 0436AZ (BRIGHT ANGEL LOOP ROAD A) ON RIGHT

Inspection Date	FMSS Number	User Access	Surface Type
5/16/2016	108294	PUBLIC	ASPHALT
Area (Sq. Ft.)	Lane Miles (11' Widths)	Curb Reveal (Inches)	Curb Recommendation
430	0.007	4	DO NOTHING
Curb Type		Curb & Gutter Type	
CONCRETE AND STONE		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



Grand Canyon National Park

ROUTE 1061LZ: BRIGHT ANGEL TRAIL HEAD PARKING L

Subcomponent of Route GRCA-1061ZZ
Manual Rating

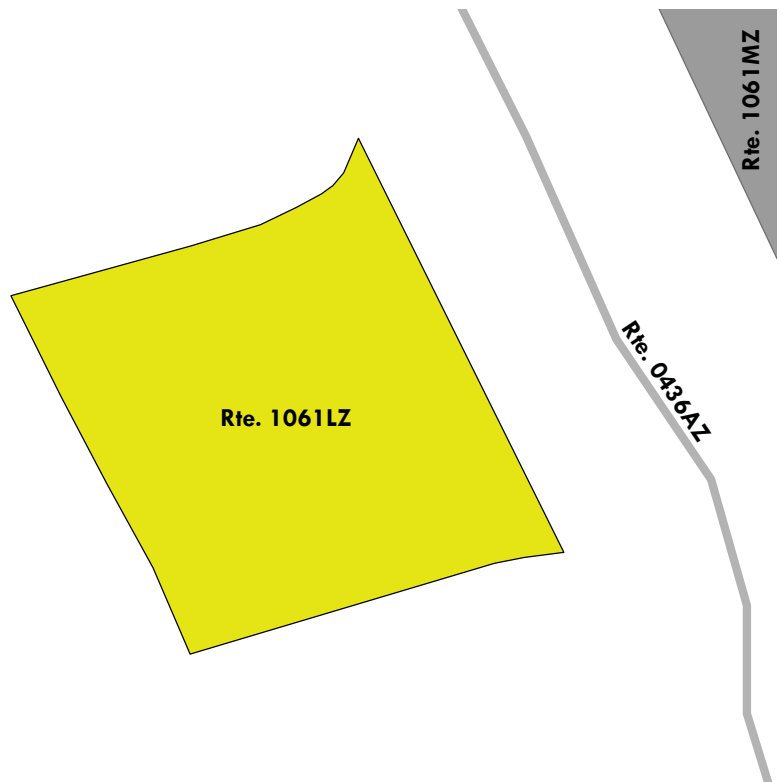
ADJACENT TO ROUTE 0436AZ (BRIGHT ANGEL LOOP ROAD A) ON RIGHT

Inspection Date	FMSS Number	User Access	Surface Type
5/16/2016	108294	PUBLIC	ASPHALT
Area (Sq. Ft.)	Lane Miles (11' Widths)	Curb Reveal (Inches)	Curb Recommendation
413	0.007	4	DO NOTHING
Curb Type		Curb & Gutter Type	
STONE		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



Grand Canyon National Park

ROUTE 1061MZ: BRIGHT ANGEL TRAIL HEAD PARKING M

Subcomponent of Route GRCA-1061ZZ

Manual Rating

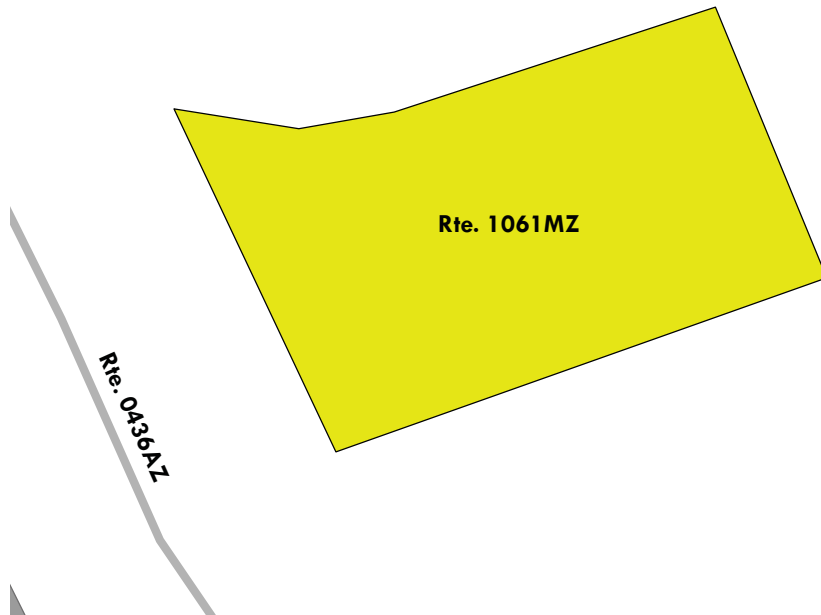
ADJACENT TO ROUTE 0436AZ (BRIGHT ANGEL LOOP ROAD A) ON LEFT

Inspection Date	FMSS Number	User Access	Surface Type
5/16/2016	108294	PUBLIC	ASPHALT
Area (Sq. Ft.)	Lane Miles (11' Widths)	Curb Reveal (Inches)	Curb Recommendation
369	0.006	0	DO NOTHING
Curb Type		Curb & Gutter Type	
STONE		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



Grand Canyon National Park

ROUTE 1061NZ: BRIGHT ANGEL TRAIL HEAD PARKING N

Subcomponent of Route GRCA-1061ZZ

Manual Rating

ADJACENT TO ROUTE 0436AZ (BRIGHT ANGEL LOOP ROAD A) ON LEFT

Inspection Date	FMSS Number	User Access	Surface Type
5/16/2016	108294	PUBLIC	ASPHALT
Area (Sq. Ft.)	Lane Miles (11' Widths)	Curb Reveal (Inches)	Curb Recommendation
529	0.009	0	DO NOTHING
Curb Type		Curb & Gutter Type	
STONE		NO CURB AND GUTTER	
Pavement Recommendation		Condition Rating / PCR	
LIGHT 3R TREATMENTS		FAIR / 73	

Route Condition Legend – Pavement Condition Rating (PCR)

Poor (0 - 60)

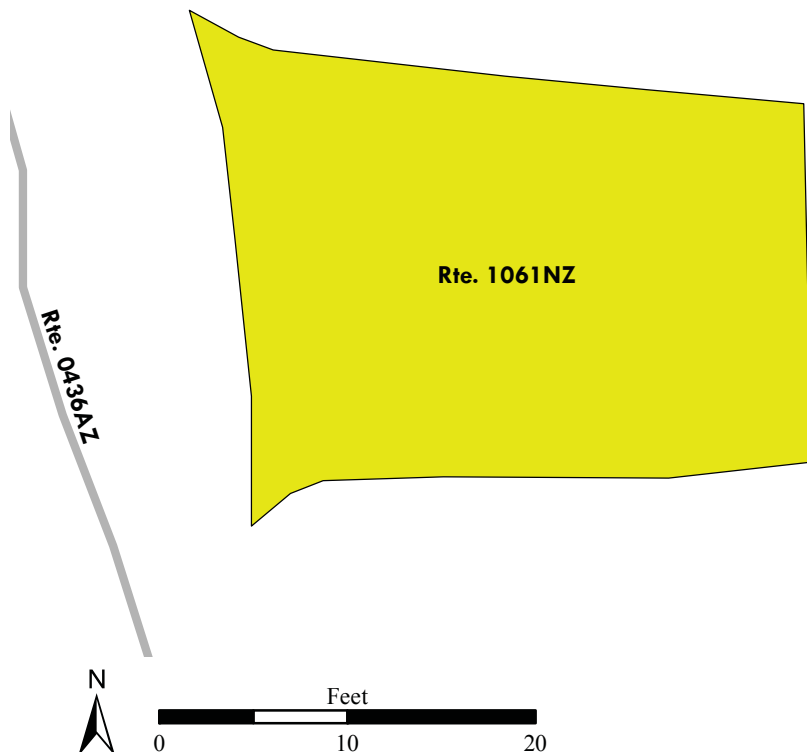
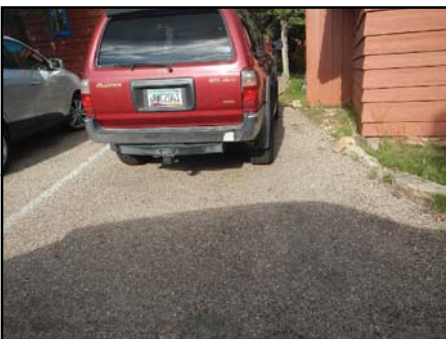
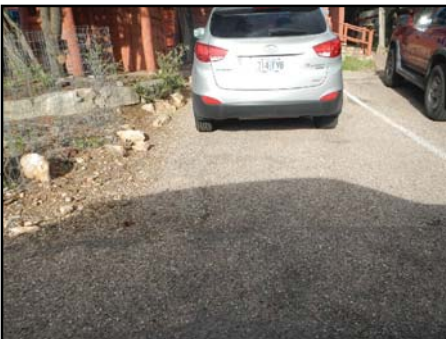
Fair (61- 84)

Good (85 - 94)

Excellent (95 - 100)

Not Rated

See Appendix for definitions and formulas



Grand Canyon National Park

ROUTE 1062: BUS LOADING/ PARKING AREA

Manual Rating

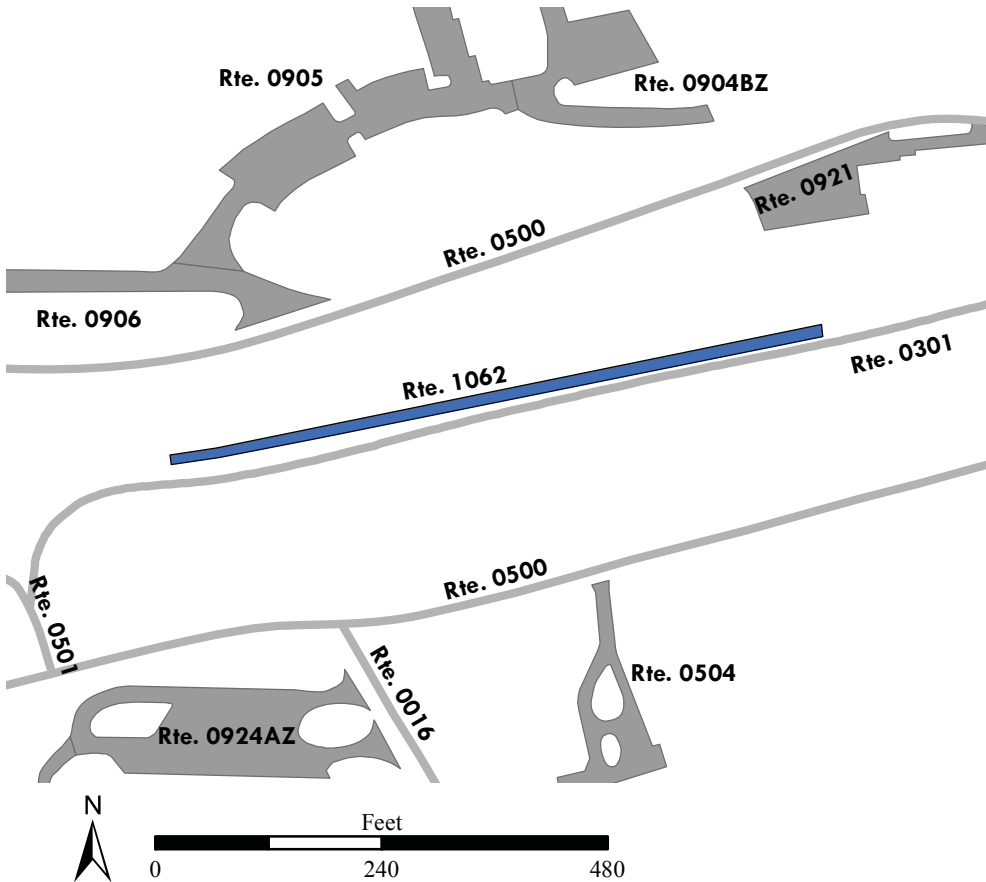
ADJACENT TO ROUTE 0301 (RAILROAD TRACK ACCESS ROAD)

Inspection Date	FMSS Number	User Access	Surface Type
5/16/2016	112574	NONPUBLIC	CONCRETE
Area (Sq. Ft.)	Lane Miles (11' Widths)	Curb Reveal (Inches)	Curb Recommendation
6,831	0.118	6	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



Grand Canyon National Park

ROUTE 1066: SCIENCE AND RESOURCE MANAGEMENT CENTER PARKING

Manual Rating

FROM ROUTE 0012 (SOUTH ENTRANCE ROAD)

TO ROUTE 0012 (SOUTH ENTRANCE ROAD)

Inspection Date	FMSS Number	User Access	Surface Type
5/16/2016	97061	PUBLIC	ASPHALT
Area (Sq. Ft.)	Lane Miles (11' Widths)	Curb Reveal (Inches)	Curb Recommendation
12,478	0.215	NOT APPLICABLE	DO NOTHING
Curb Type		Curb & Gutter Type	
NO CURB		CONCRETE	
Pavement Recommendation		Condition Rating / PCR	
DO NOTHING		EXCELLENT / 97	

Route Condition Legend – Pavement Condition Rating (PCR)

Poor (0 - 60)

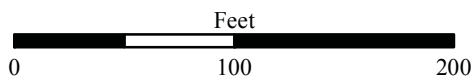
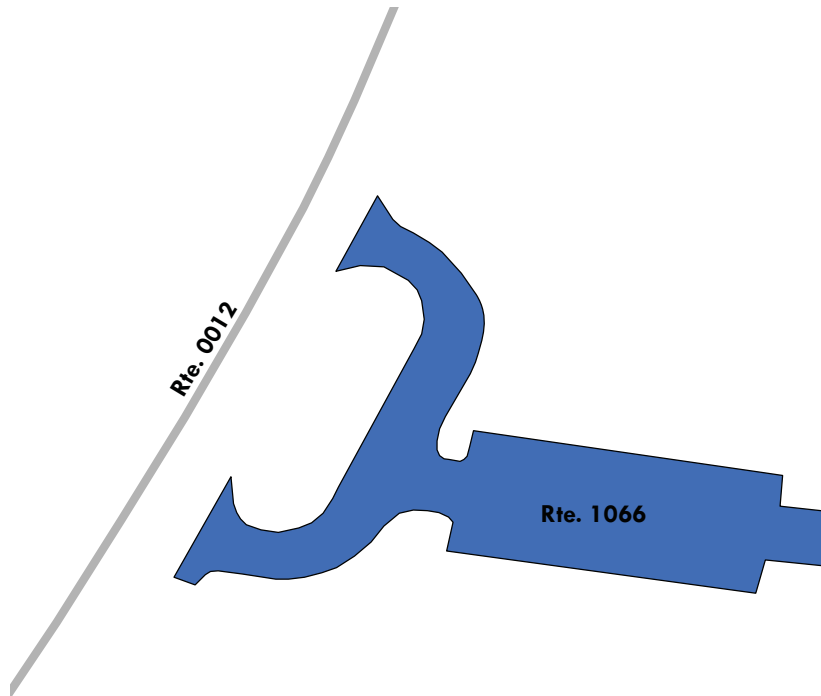
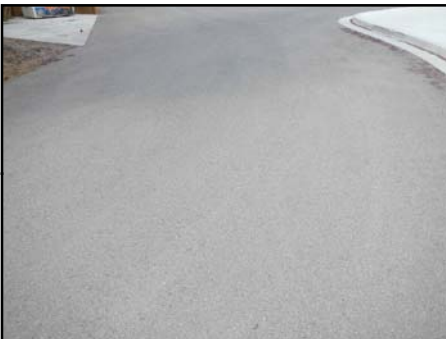
Fair (61- 84)

Good (85 - 94)

Excellent (95 - 100)

Not Rated

See Appendix for definitions and formulas



Grand Canyon National Park

ROUTE 1067: TUSAYAN PARK AND RIDE PARKING

Manual Rating

FROM AZ HIGHWAY 64 (NON NPS)

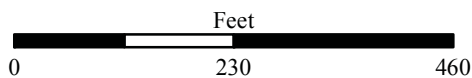
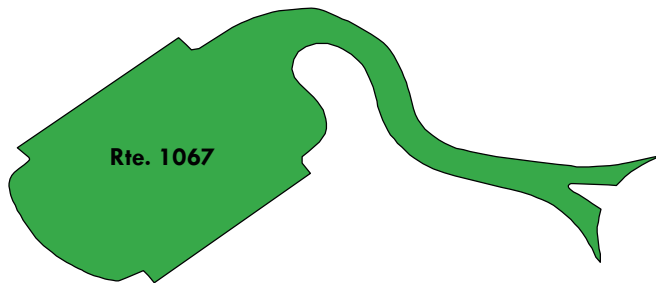
TO PARKING

Inspection Date	FMSS Number	User Access	Surface Type
5/18/2016	247163	PUBLIC	ASPHALT
Area (Sq. Ft.)	Lane Miles (11' Widths)	Curb Reveal (Inches)	Curb Recommendation
58,646	1.01	6	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



Section 7

Road Milepost Information



Grand Canyon 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.

GRCA: Route Milepost Log

ROUTE 0010: POINT IMPERIAL ROAD

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

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.00	0.00	INTERSECTION	N/A	ROUTE 0013 (CAPE ROYAL ROAD)
0.00	0.00	INTERSECTION	R	ROUTE 0013 (CAPE ROYAL ROAD)
0.04	0.04	INTERSECTION	R	ROUTE 0010 (POINT IMPERIAL ROAD) SPUR
2.65	2.65	INTERSECTION	N/A	ROUTE 0967 (POINT IMPERIAL PARKING)

GRCA: Route Milepost Log

ROUTE 0011: DESERT VIEW DRIVE

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

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.00	0.00	INTERSECTION	L	ROUTE 0012 (SOUTH ENTRANCE ROAD)
0.00	0.00	INTERSECTION	R	ROUTE 0012 (SOUTH ENTRANCE ROAD)
0.01	0.01	INTERSECTION	R	ROUTE 0012 (SOUTH ENTRANCE ROAD) SPUR
0.01	0.01	INTERSECTION	L	ROUTE 0012 (SOUTH ENTRANCE ROAD) SPUR
0.13	0.13	INTERSECTION	R	ROUTE 0945 (SECTION 1 PULLOUT PARKING)
0.31	0.31	MILE MARKER	R	MILE MARKER 242
0.71	0.71	INTERSECTION	L	ROUTE 0946 (PIPE CREEK PARKING 1)
0.87	0.87	INTERSECTION	L	ROUTE 0947 (PIPE CREEK PARKING 2)
1.13	1.13	INTERSECTION	L	ROUTE 0262 (YAKI POINT ROAD)
1.21	1.21	MILE MARKER	R	MILE MARKER 243
1.25	1.25	INTERSECTION	R	UNPAVED PARKING (PICNIC AREA)
1.88	1.88	INTERSECTION	R	UNPAVED ROUTE (GATED)
2.14	2.14	INTERSECTION	R	UNPAVED PARKING (PICNIC AREA)
2.18	2.18	MILE MARKER	R	MILE MARKER 244
2.21	2.21	INTERSECTION	R	UNPAVED ROUTE
2.42	2.42	INTERSECTION	L	UNPAVED PARKING
3.19	3.19	MILE MARKER	R	MILE MARKER 245
3.65	3.65	INTERSECTION	R	UNPAVED ROUTE (GATED)
3.89	3.89	INTERSECTION	L	ROUTE 0950 (DUCK-ON-A-ROCK OVERLOOK PARKING)
3.96	3.96	INTERSECTION	L	ROUTE 0950 (DUCK-ON-A-ROCK OVERLOOK PARKING)
4.16	4.16	MILE MARKER	R	MILE MARKER 246
4.75	4.75	INTERSECTION	L	ROUTE 0951 (TWIN OVERLOOK PARKING 1)
4.83	4.83	INTERSECTION	L	ROUTE 0952 (TWIN OVERLOOK PARKING 2)
5.07	5.07	MILE MARKER	R	MILE MARKER 247
5.88	5.88	INTERSECTION	R	UNPAVED ROUTE (GATED)
5.98	5.98	MILE MARKER	R	MILE MARKER 248
5.99	5.99	INTERSECTION	L	UNPAVED PARKING
6.00	6.00	INTERSECTION	L	UNPAVED PARKING
6.56	6.56	INTERSECTION	L	ROUTE 0953 (THOR'S HAMMER OVERLOOK PARKING)

GRCA: Route Milepost Log

ROUTE 0011: DESERT VIEW DRIVE

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

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
6.87	6.87	MILE MARKER	R	MILE MARKER 249
7.74	7.74	MILE MARKER	R	MILE MARKER 250
8.63	8.63	MILE MARKER	R	MILE MARKER 251
8.74	8.74	INTERSECTION	L	ROUTE 0264 (GRANDVIEW POINT ROAD)
9.22	9.22	INTERSECTION	L	UNPAVED ROUTE
9.28	9.28	INTERSECTION	R	UNPAVED ROUTE
9.54	9.54	MILE MARKER	R	MILE MARKER 252
10.36	10.36	MILE MARKER	R	MILE MARKER 253
10.75	10.75	INTERSECTION	R	UNPAVED ROUTE (ARIZONA TRAIL)
11.17	11.17	MILE MARKER	R	MILE MARKER 254
12.03	12.03	INTERSECTION	L	ROUTE 0954 (BUGGELN PICNIC AREA)
12.13	12.13	MILE MARKER	R	MILE MARKER 255
13.01	13.01	MILE MARKER	R	MILE MARKER 256
13.03	13.03	INTERSECTION	R	UNPAVED ROUTE
13.90	13.90	MILE MARKER	R	MILE MARKER 257
14.65	14.65	INTERSECTION	L	ROUTE 0265 (MORAN POINT ROAD)
14.74	14.74	MILE MARKER	R	MILE MARKER 258
15.59	15.59	MILE MARKER	R	MILE MARKER 259
16.50	16.50	MILE MARKER	R	MILE MARKER 260
17.53	17.53	MILE MARKER	R	MILE MARKER 261
18.43	18.43	INTERSECTION	R	ROUTE 0266 (TUSAYAN RUIN ROAD)
18.53	18.53	MILE MARKER	R	MILE MARKER 262
19.45	19.45	INTERSECTION	L	ROUTE 0955 (NO-NAME POINT PARKING)
19.51	19.51	INTERSECTION	L	ROUTE 0955 (NO-NAME POINT PARKING)
19.56	19.56	MILE MARKER	R	MILE MARKER 263
19.73	19.73	INTERSECTION	L	ROUTE 0267 (LIPAN POINT ROAD)
20.59	20.59	MILE MARKER	R	MILE MARKER 264
20.89	20.89	INTERSECTION	L	ROUTE 0956 (NAVAJO POINT PARKING)
21.35	21.35	INTERSECTION	L	ROUTE 0011 (DESERT VIEW DRIVE) OPPOSITE LANE

GRCA: Route Milepost Log

ROUTE 0011: DESERT VIEW DRIVE

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

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
21.44	21.44	INTERSECTION	L	ROUTE 0011 (DESERT VIEW DRIVE) OPPOSITE LANE
21.45	21.45	INTERSECTION	R	ROUTE 0498 (SERVICE ROAD TO DESERT VIEW WATER TANK)
21.45	21.45	INTERSECTION	L	ROUTE 0172 (DESERT VIEW ACCESS ROAD)
21.46	21.46	INTERSECTION	L	ROUTE 0011 (DESERT VIEW DRIVE) OPPOSITE LANE
21.57	21.57	INTERSECTION	L	ROUTE 0011 (DESERT VIEW DRIVE) OPPOSITE LANE
21.60	21.60	MILE MARKER	R	MILE MARKER 265
21.63	21.63	INTERSECTION	L	ROUTE 0011 (DESERT VIEW DRIVE) OPPOSITE LANE
21.68	21.68	INTERSECTION	L	ROUTE 0011 (DESERT VIEW DRIVE) CUT-THRU
21.69	21.69	INTERSECTION	L	ROUTE 1046 (EAST ENTRANCE STATION PARKING)
21.73	21.73	INTERSECTION	L	ROUTE 1046 (EAST ENTRANCE STATION PARKING)
21.75	21.75	INTERSECTION	L	ROUTE 0011 (DESERT VIEW DRIVE) CUT-THRU
21.79	21.79	INTERSECTION	L	ROUTE 0011 (DESERT VIEW DRIVE) OPPOSITE LANE
22.16	22.16	INTERSECTION	R	ROUTE 0497 (SERVICE ROAD TO DESERT VIEW DRY DUMP)
22.65	22.65	MILE MARKER	R	MILE MARKER 266
23.64	23.64	MILE MARKER	R	MILE MARKER 267
24.55	24.55	INTERSECTION	L	ROUTE 1045 (EAST ENTRANCE SIGN PARKING)
24.64	24.64	INTERSECTION	R	UNPAVED ROUTE (FOREST SERVICE)
24.65	24.65	MILE MARKER	R	MILE MARKER 268
24.85	24.85	PARK BOUNDARY	N/A	N/A
24.85	24.85	INTERSECTION	N/A	PAVED ROUTE (STATE ROUTE 64/NON NPS)

GRCA: Route Milepost Log

ROUTE 0012: SOUTH ENTRANCE ROAD

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

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.00	0.00	INTERSECTION	L	PAVED ROUTE (MOQUI DRIVE / NON NPS)
0.00	0.00	PARK BOUNDARY	N/A	N/A
0.00	0.00	INTERSECTION	N/A	PAVED ROUTE (STATE ROUTE 64 / NON NPS)
0.35	0.35	INTERSECTION	R	ROUTE 0502 (SOUTH ENTRANCE BYPASS LANE)
0.46	0.46	INTERSECTION	R	ROUTE 0900 (SOUTH ENTRANCE GRAND CANYON PARKING)
0.52	0.52	INTERSECTION	R	ROUTE 0900 (SOUTH ENTRANCE GRAND CANYON PARKING)
0.59	0.59	INTERSECTION	L	ROUTE 0012 (SOUTH ENTRANCE ROAD) OPPOSITE LANE
0.63	0.63	INTERSECTION	L	ROUTE 0012 (SOUTH ENTRANCE ROAD) CUT-THRU
0.74	0.74	INTERSECTION	L	ROUTE 0012 (SOUTH ENTRANCE ROAD) CUT-THRU
0.78	0.78	INTERSECTION	R	ROUTE 0502 (SOUTH ENTRANCE BYPASS LANE)
0.79	0.79	INTERSECTION	L	ROUTE 0012 (SOUTH ENTRANCE ROAD) OPPOSITE LANE
1.79	1.79	INTERSECTION	R	UNPAVED ROUTE
2.01	2.01	INTERSECTION	L	UNPAVED ROUTE (VAN AVE)
3.32	3.32	INTERSECTION	L	ROUTE 0012 (SOUTH ENTRANCE ROAD) OPPOSITE LANE
3.45	3.45	INTERSECTION	L	ROUTE 0016 (CENTER ROAD)
3.45	3.45	INTERSECTION	R	ROUTE 0401 (SERVICE ROAD TO LANDFILL)
3.51	3.51	INTERSECTION	L	ROUTE 0012 (SOUTH ENTRANCE ROAD) OPPOSITE LANE
4.52	4.52	INTERSECTION	R	UNPAVED ROUTE
4.53	4.53	INTERSECTION	R	UNPAVED ROUTE
4.66	4.66	INTERSECTION	L	ROUTE 0012 (SOUTH ENTRANCE ROAD) OPPOSITE LANE
4.76	4.76	INTERSECTION	R	ROUTE 0011 (DESERT VIEW DRIVE) SPUR
4.77	4.77	INTERSECTION	R	ROUTE 0011 (DESERT VIEW DRIVE)
4.77	4.77	INTERSECTION	L	ROUTE 0011 (DESERT VIEW DRIVE) OPPOSITE LANE
4.78	4.78	INTERSECTION	L	ROUTE 0012 (SOUTH ENTRANCE ROAD) OPPOSITE LANE
4.79	4.79	INTERSECTION	R	ROUTE 0011 (DESERT VIEW DRIVE) SPUR
4.91	4.91	INTERSECTION	L	ROUTE 0011 (DESERT VIEW DRIVE) OPPOSITE LANE
5.15	5.15	INTERSECTION	R	ROUTE 1054AZ (VISITOR CENTER PARKING #1)
5.25	5.25	INTERSECTION	R	ROUTE 1054AZ (VISITOR CENTER PARKING #1)

GRCA: Route Milepost Log

ROUTE 0012: SOUTH ENTRANCE ROAD

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

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
5.39	5.39	INTERSECTION	R	ROUTE 0447 (EAST SHUTTLE ACCESS ROAD)
5.52	5.52	INTERSECTION	R	ROUTE 1054DZ (VISITOR CENTER PARKING #4)
5.59	5.59	INTERSECTION	L	ROUTE 0446 (YAVAPAI LODGE ROAD)
5.59	5.59	INTERSECTION	R	ROUTE 0446 (YAVAPAI LODGE ROAD)
5.64	5.64	INTERSECTION	R	ROUTE 1054EZ (VISITOR CENTER COMERCIAL BUS PARKING)
5.80	5.80	INTERSECTION	R	ROUTE 0503 (MATHER POINT SHUTTLE LOOP)
6.14	6.14	INTERSECTION	L	ROUTE 0012 (SOUTH ENTRANCE ROAD) OPPOSITE LANE
6.26	6.26	INTERSECTION	L	ROUTE 0012 (SOUTH ENTRANCE ROAD) OPPOSITE LANE
6.26	6.26	INTERSECTION	L	ROUTE 0012 (SOUTH ENTRANCE ROAD) OPPOSITE LANE
6.27	6.27	INTERSECTION	R	ROUTE 0984 (YAVAPAI POINT PARKING)
6.28	6.28	INTERSECTION	R	ROUTE 0984 (YAVAPAI POINT PARKING) SPUR
6.40	6.40	INTERSECTION	L	ROUTE 0012 (SOUTH ENTRANCE ROAD) OPPOSITE LANE
6.67	6.67	INTERSECTION	R	UNPAVED ROUTE
6.76	6.76	INTERSECTION	L	PAVED PARKING
6.79	6.79	INTERSECTION	L	PAVED PARKING
6.79	6.79	INTERSECTION	L	ROUTE 0012 (SOUTH ENTRANCE ROAD) OPPOSITE LANE
6.80	6.80	INTERSECTION	L	ROUTE 1066 (SCIENCE AND RESOURCE MANAGEMENT CENTER PARKING)
6.83	6.83	INTERSECTION	L	ROUTE 0012 (SOUTH ENTRANCE ROAD) OPPOSITE LANE
6.83	6.83	INTERSECTION	L	ROUTE 1066 (SCIENCE AND RESOURCE MANAGEMENT CENTER PARKING)
6.83	6.83	INTERSECTION	L	ROUTE 0446 (YAVAPAI LODGE ROAD)
6.83	6.83	INTERSECTION	R	ROUTE 0903 (HEADQUARTERS PARKING)
6.85	6.85	INTERSECTION	L	ROUTE 0012 (SOUTH ENTRANCE ROAD) OPPOSITE LANE
6.98	6.98	INTERSECTION	L	ROUTE 0012 (SOUTH ENTRANCE ROAD) OPPOSITE LANE
6.99	6.99	INTERSECTION	L	ROUTE 0170 (ZUNI WAY)
6.99	6.99	INTERSECTION	R	ROUTE 0903 (HEADQUARTERS PARKING)
7.00	7.00	INTERSECTION	L	ROUTE 0012 (SOUTH ENTRANCE ROAD) OPPOSITE LANE
7.06	7.06	INTERSECTION	R	ROUTE 0903 (HEADQUARTERS PARKING)
7.68	7.68	INTERSECTION	L	ROUTE 0979AZ (GENERAL OFFICES TAXI PARKING)

Data Collected on 7/2016

GRCA: Route Milepost Log

ROUTE 0012: SOUTH ENTRANCE ROAD

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

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
7.71	7.71	INTERSECTION	L	ROUTE 0979BZ (GARAGE PARKING)
7.72	7.72	INTERSECTION	L	ROUTE 0012 (SOUTH ENTRANCE ROAD) OPPOSITE LANE
7.74	7.74	INTERSECTION	L	ROUTE 0012 (SOUTH ENTRANCE ROAD) OPPOSITE LANE
7.80	7.80	INTERSECTION	N/A	ROUTE 0500 (VILLAGE LOOP DRIVE)
7.80	7.80	INTERSECTION	L	ROUTE 0500 (VILLAGE LOOP DRIVE)

GRCA: Route Milepost Log

ROUTE 0013: CAPE ROYAL ROAD

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

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.00	0.00	INTERSECTION	L	ROUTE 0014 (NORTH ENTRANCE ROAD (HWY 67))
0.00	0.00	INTERSECTION	R	ROUTE 0014 (NORTH ENTRANCE ROAD (HWY 67))
1.52	1.52	INTERSECTION	R	ROUTE 0982 (MAINTAINING MOUNTAIN MEADOWS PARKING)
3.79	3.79	INTERSECTION	R	ROUTE 0966 (MIXED BLESSINGS PARKING)
3.82	3.82	INTERSECTION	R	ROUTE 0966 (MIXED BLESSINGS PARKING)
5.39	5.39	INTERSECTION	L	ROUTE 0010 (POINT IMPERIAL ROAD)
5.43	5.43	INTERSECTION	L	ROUTE 0010 (POINT IMPERIAL ROAD) SPUR
6.96	6.96	INTERSECTION	L	UNPAVED ROUTE (SERVICE ROAD)
8.02	8.02	INTERSECTION	R	ROUTE 0978 (GREENLAND LAKES CABIN PARKING)
9.64	9.64	INTERSECTION	R	UNPAVED PARKING (KOMO POINT TRAIL)
10.05	10.05	INTERSECTION	L	ROUTE 0968 (VISTA ENCANTADA/PICNIC AREA)
11.75	11.75	INTERSECTION	L	ROUTE 0969 (ROOSEVELT POINT PARKING)
11.78	11.78	INTERSECTION	L	ROUTE 0969 (ROOSEVELT POINT PARKING)
13.90	13.90	INTERSECTION	R	ROUTE 0977 (NORTH RIM FIRE PARKING)
17.26	17.26	INTERSECTION	L	UNPAVED PARKING (CAPE FINAL TRAIL)
18.23	18.23	INTERSECTION	L	ROUTE 0970 (WAHALLA PLATEAU OVERLOOK PARKING)
18.25	18.25	INTERSECTION	R	UNPAVED ROUTE (SERVICE ROAD)
18.35	18.35	INTERSECTION	L	ROUTE 0970 (WAHALLA PLATEAU OVERLOOK PARKING)
19.67	19.67	INTERSECTION	L	ROUTE 0013 (CAPE ROYAL ROAD) OPPOSITE LANE
19.83	19.83	INTERSECTION	N/A	ROUTE 1015 (CAPE ROYAL PARKING)

GRCA: Route Milepost Log

ROUTE 0014: NORTH ENTRANCE ROAD (HWY 67)

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

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.00	0.00	INTERSECTION	N/A	ROUTE 5000 (STATE ROUTE 67)
0.01	0.01	PARK BOUNDARY	N/A	N/A
0.17	0.17	INTERSECTION	R	ROUTE 0479 (FIRE ROAD)
0.18	0.18	INTERSECTION	L	ROUTE 0014 (NORTH ENTRANCE ROAD (HWY 67)) OPPOSITE LANE
0.18	0.18	INTERSECTION	L	ROUTE 0960 (NORTH RIM ENTRANCE PARKING)
0.23	0.23	INTERSECTION	L	ROUTE 0960 (NORTH RIM ENTRANCE PARKING)
0.23	0.23	INTERSECTION	L	ROUTE 0014 (NORTH ENTRANCE ROAD (HWY 67)) OPPOSITE LANE
0.67	0.67	INTERSECTION	R	UNPAVED ROUTE
4.01	4.01	INTERSECTION	L	ROUTE 0961 (NORTH RIM FOREST PARKING (PICNIC AREA))
4.06	4.06	INTERSECTION	L	ROUTE 0961 (NORTH RIM FOREST PARKING (PICNIC AREA))
4.12	4.12	INTERSECTION	L	ROUTE 0407 (LINDBERG HILL MAINTENANCE AREA)
4.18	4.18	INTERSECTION	R	ROUTE 0294 (W-1A OLD ENTRANCE ROAD)
9.78	9.78	INTERSECTION	L	ROUTE 0013 (CAPE ROYAL ROAD)
10.05	10.05	INTERSECTION	R	PAVED ROUTE (WIDFORSS TRAILHEAD ROAD)
10.68	10.68	INTERSECTION	L	ROUTE 0963 (KAIBAB TRAILHEAD PARKING)
11.47	11.47	INTERSECTION	R	ROUTE 0405 (ADMIN LOOP)
11.47	11.47	INTERSECTION	L	ROUTE 1052 (EMS PARKING)
11.54	11.54	INTERSECTION	L	ROUTE 1052 (EMS PARKING)
11.64	11.64	INTERSECTION	R	ROUTE 0201 (NORTH RIM CAMPGROUND ROAD)
11.81	11.81	INTERSECTION	L	ROUTE 0964 (PICNIC AREA PARKING)
11.88	11.88	INTERSECTION	L	ROUTE 0964 (PICNIC AREA PARKING)
11.90	11.90	INTERSECTION	R	ROUTE 0404 (AUTO SHOP ROAD)
12.41	12.41	INTERSECTION	R	UNPAVED ROUTE (SERVICE ROAD)
12.61	12.61	INTERSECTION	L	ROUTE 0965Z (NORTH RIM VISITOR CENTER PARKING)
12.65	12.65	INTERSECTION	R	UNPAVED ROUTE (SERVICE ROAD)
12.68	12.68	INTERSECTION	L	ROUTE 0965Z (NORTH RIM VISITOR CENTER PARKING)
12.73	12.73	INTERSECTION	L	ROUTE 0965Z (NORTH RIM VISITOR CENTER PARKING)
12.84	12.84	INTERSECTION	N/A	ROUTE 0974Z (GRAND CANYON LODGE PARKING)

GRCA: Route Milepost Log

ROUTE 0015: HERMIT REST ROAD

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

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.00	0.00	INTERSECTION	L	ROUTE 0500 (VILLAGE LOOP DRIVE)
0.00	0.00	INTERSECTION	R	ROUTE 0500 (VILLAGE LOOP DRIVE)
0.02	0.02	INTERSECTION	L	ROUTE 0015 (HERMIT REST ROAD) OPPOSITE LANE
0.05	0.05	INTERSECTION	L	ROUTE 0015 (HERMIT REST ROAD) OPPOSITE LANE
0.13	0.13	INTERSECTION	L	ROUTE 0160 (ROWE WELL ROAD)
1.11	1.11	INTERSECTION	R	ROUTE 0911 (TRAILVIEW PARKING SEC 2)
1.43	1.43	INTERSECTION	R	ROUTE 0912 (GRAND CANYON VISTA PARKING)
1.47	1.47	INTERSECTION	R	ROUTE 0912 (GRAND CANYON VISTA PARKING)
1.77	1.77	INTERSECTION	R	ROUTE 0913 (MARICOPA POINT PARKING)
2.06	2.06	INTERSECTION	R	UNPAVED ROUTE (GATED)
2.20	2.20	INTERSECTION	R	ROUTE 0169 (POWELL MEMORIAL ROAD)
2.21	2.21	INTERSECTION	L	UNPAVED ROUTE
2.27	2.27	INTERSECTION	R	ROUTE 0169 (POWELL MEMORIAL ROAD)
2.35	2.35	INTERSECTION	R	ROUTE 0915 (HOPI POINT PARKING)
2.37	2.37	INTERSECTION	R	ROUTE 0915 (HOPI POINT PARKING)
2.40	2.40	INTERSECTION	R	ROUTE 0916 (HOPI POINT II PARKING)
2.42	2.42	INTERSECTION	R	ROUTE 0916 (HOPI POINT II PARKING)
2.57	2.57	INTERSECTION	R	ROUTE 1036 (2ND EAST OF MOHAVE POINT PARKING)
2.84	2.84	INTERSECTION	R	ROUTE 1033 (1ST EAST OF MOHAVE PARKING)
3.08	3.08	INTERSECTION	R	ROUTE 0168 (MOHAVE POINT ROAD)
3.19	3.19	INTERSECTION	R	ROUTE 0168 (MOHAVE POINT ROAD)
3.29	3.29	INTERSECTION	R	ROUTE 1041 (3RD EAST OF THE ABYSS PARKING)
3.63	3.63	INTERSECTION	R	ROUTE 1038 (2ND EAST OF THE ABYSS PARKING)
3.88	3.88	INTERSECTION	R	ROUTE 1035 (1ST EAST OF THE ABYSS PARKING)
4.11	4.11	INTERSECTION	R	ROUTE 0918 (ABYSS PARKING)
4.11	4.11	INTERSECTION	L	ROUTE 0164 (WEST RIM DRIVE CONNECTOR TO ROUTE 161)
4.50	4.50	INTERSECTION	R	ROUTE 1040 (4TH PAST PIMA POINT PARKING)
4.76	4.76	INTERSECTION	R	ROUTE 1039 (3RD EAST OF PIMA POINT PARKING)
4.84	4.84	INTERSECTION	L	UNPAVED ROUTE (GATED)

GRCA: Route Milepost Log

ROUTE 0015: HERMIT REST ROAD

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

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
5.01	5.01	INTERSECTION	R	ROUTE 1037 (2ND EAST OF PIMA POINT PARKING)
6.17	6.17	INTERSECTION	R	ROUTE 1034 (1ST EAST OF PIMA POINT PARKING)
6.20	6.20	INTERSECTION	R	ROUTE 0167 (PIMA POINT ROAD) SPUR
6.24	6.24	INTERSECTION	R	ROUTE 0167 (PIMA POINT ROAD)
7.04	7.04	INTERSECTION	N/A	ROUTE 0920 (HERMIT'S REST PARKING)

GRCA: Route Milepost Log

ROUTE 0016: CENTER ROAD

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

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.00	0.00	INTERSECTION	N/A	ROUTE 0401 (SERVICE ROAD TO LANDFILL)
0.00	0.00	INTERSECTION	R	ROUTE 0012 (SOUTH ENTRANCE ROAD)
0.00	0.00	INTERSECTION	L	ROUTE 0012 (SOUTH ENTRANCE ROAD)
0.17	0.17	INTERSECTION	L	ROUTE 0428 (SHUTTLE BUS ROAD)
0.27	0.27	INTERSECTION	L	UNPAVED ROUTE
0.43	0.43	INTERSECTION	R	ROUTE 0017 (MARKET PLAZA ROAD)
0.62	0.62	INTERSECTION	R	ROUTE 0288 (CLINIC ACCESS ROAD)
0.62	0.62	INTERSECTION	L	UNPAVED ROUTE
0.89	0.89	INTERSECTION	R	ROUTE 0288 (CLINIC ACCESS ROAD)
1.06	1.06	INTERSECTION	L	ROUTE 0430 (LAPP LOOP)
1.08	1.08	INTERSECTION	R	ROUTE 0437 (PARK CIRCLE)
1.09	1.09	INTERSECTION	L	ROUTE 0430 (LAPP LOOP)
1.14	1.14	INTERSECTION	L	ROUTE 0601 (ALBRIGHT AVENUE)
1.42	1.42	INTERSECTION	L	ROUTE 0935 (SCHOOL PARKING EAST)
1.44	1.44	INTERSECTION	L	ROUTE 0935 (SCHOOL PARKING EAST)
1.46	1.46	INTERSECTION	L	ROUTE 0409 (BOULDER STREET)
1.53	1.53	INTERSECTION	R	ROUTE 0403 (TONTO STREET)
1.53	1.53	INTERSECTION	L	ROUTE 0413 (APACHE STREET)
1.55	1.55	INTERSECTION	R	ROUTE 1044BZ (MAGISTRATE PARKING B)
1.56	1.56	INTERSECTION	L	ROUTE 1044AZ (MAGISTRATE PARKING A)
1.58	1.58	INTERSECTION	L	ROUTE 0924AZ (RANGER OPERATIONS PARKING)
1.60	1.60	INTERSECTION	L	ROUTE 0924AZ (RANGER OPERATIONS PARKING)
1.61	1.61	INTERSECTION	R	ROUTE 0500 (VILLAGE LOOP DRIVE)
1.61	1.61	INTERSECTION	L	ROUTE 0500 (VILLAGE LOOP DRIVE)

GRCA: Route Milepost Log

ROUTE 0017: MARKET PLAZA ROAD

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

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.00	0.00	INTERSECTION	L	ROUTE 0016 (CENTER ROAD)
0.00	0.00	INTERSECTION	R	ROUTE 0016 (CENTER ROAD)
0.82	0.82	INTERSECTION	L	ROUTE 0170 (ZUNI WAY)
0.88	0.88	INTERSECTION	R	ROUTE 0271 (MATHER CAMPGROUND ACCESS ROAD)
1.00	1.00	INTERSECTION	R	ROUTE 0277AZ (TRAILER VILLAGE OUTER LOOP A)
1.04	1.04	INTERSECTION	N/A	ROUTE 0940 (BUSINESS CENTER PARKING)

ROUTE 0160: ROWE WELL ROAD

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

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.00	0.00	INTERSECTION	R	ROUTE 0015 (HERMIT REST ROAD)
0.00	0.00	INTERSECTION	L	ROUTE 0015 (HERMIT REST ROAD)
0.23	0.23	INTERSECTION	L	ROUTE 0287 (MASWICK LAUNDRY ROAD)
0.49	0.49	INTERSECTION	L	ROUTE 0427 (KENNELS ROAD)
0.56	0.56	INTERSECTION	N/A	ROUTE 0160 (ROWE WELL ROAD) UNPAVED SECTION
0.56	0.56	INTERSECTION	R	ROUTE 0465 (LIVESTOCK TRAINING FACILITY ROAD)

GRCA: Route Milepost Log

ROUTE 0167: PIMA POINT ROAD

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

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.00	0.00	INTERSECTION	L	ROUTE 0015 (HERMIT REST ROAD)
0.00	0.00	INTERSECTION	N/A	ROUTE 0015 (HERMIT REST ROAD)
0.04	0.04	INTERSECTION	L	ROUTE 0015 (HERMIT REST ROAD) SPUR
0.12	0.12	INTERSECTION	L	ROUTE 0167 (PIMA POINT ROAD)
0.28	0.28	INTERSECTION	R	ROUTE 0919AZ (PIMA POINT PARKING A)
0.47	0.47	INTERSECTION	L	ROUTE 0167 (PIMA POINT ROAD)
0.47	0.47	INTERSECTION	N/A	ROUTE 0167 (PIMA POINT ROAD)

ROUTE 0168: MOHAVE POINT ROAD

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

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.00	0.00	ONE-WAY START	N/A	N/A
0.00	0.00	INTERSECTION	L	ROUTE 0015 (HERMIT REST ROAD)
0.00	0.00	INTERSECTION	R	ROUTE 0015 (HERMIT REST ROAD)
0.12	0.12	INTERSECTION	R	ROUTE 0917AZ (MOHAVE POINT PARKING AREA A)
0.12	0.12	INTERSECTION	L	ROUTE 0917BZ (MOHAVE POINT PARKING AREA B)
0.22	0.22	INTERSECTION	L	ROUTE 0015 (HERMIT REST ROAD)
0.22	0.22	INTERSECTION	R	ROUTE 0015 (HERMIT REST ROAD)
0.22	0.22	ONE-WAY END	N/A	N/A

GRCA: Route Milepost Log

ROUTE 0169: POWELL MEMORIAL ROAD

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

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.00	0.00	INTERSECTION	L	ROUTE 0015 (HERMIT REST ROAD)
0.00	0.00	ONE-WAY START	N/A	N/A
0.00	0.00	INTERSECTION	R	ROUTE 0015 (HERMIT REST ROAD)
0.10	0.10	INTERSECTION	R	ROUTE 0914 (POWELL MEMORIAL PARKING)
0.19	0.19	ONE-WAY END	N/A	N/A
0.19	0.19	INTERSECTION	L	ROUTE 0015 (HERMIT REST ROAD)
0.19	0.19	INTERSECTION	R	ROUTE 0015 (HERMIT REST ROAD)

ROUTE 0170: ZUNI WAY

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

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.00	0.00	INTERSECTION	R	ROUTE 0012 (SOUTH ENTRANCE ROAD)
0.00	0.00	INTERSECTION	N/A	ROUTE 0903 (HEADQUARTERS PARKING)
0.00	0.00	INTERSECTION	L	ROUTE 0012 (SOUTH ENTRANCE ROAD)
0.15	0.15	INTERSECTION	L	ROUTE 0017 (MARKET PLAZA ROAD)
0.15	0.15	INTERSECTION	R	ROUTE 0017 (MARKET PLAZA ROAD)

GRCA: Route Milepost Log

ROUTE 0171: DESERT VIEW GAS STATION ACCESS ROAD

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

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.00	0.00	INTERSECTION	L	ROUTE 0172 (DESERT VIEW ACCESS ROAD)
0.00	0.00	INTERSECTION	R	ROUTE 0172 (DESERT VIEW ACCESS ROAD)
0.07	0.07	INTERSECTION	R	ROUTE 0461AZ (CEDAR MOUNTAIN ROAD)
0.16	0.16	INTERSECTION	R	ROUTE 0958 (DESERT VIEW GAS STATION)
0.19	0.19	INTERSECTION	R	ROUTE 0958 (DESERT VIEW GAS STATION)
0.21	0.21	INTERSECTION	R	ROUTE 0270 (DESERT VIEW CAMPGROUND)
0.25	0.25	INTERSECTION	L	ROUTE 0171 (DESERT VIEW GAS STATION ACCESS ROAD)
0.27	0.27	INTERSECTION	L	ROUTE 0171 (DESERT VIEW GAS STATION ACCESS ROAD) CUT-THRU
0.33	0.33	INTERSECTION	L	ROUTE 0171 (DESERT VIEW GAS STATION ACCESS ROAD) CUT-THRU
0.35	0.35	INTERSECTION	N/A	ROUTE 0171 (DESERT VIEW GAS STATION ACCESS ROAD)
0.35	0.35	INTERSECTION	L	ROUTE 0171 (DESERT VIEW GAS STATION ACCESS ROAD)

ROUTE 0172: DESERT VIEW ACCESS ROAD

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

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.00	0.00	INTERSECTION	N/A	ROUTE 0498 (SERVICE ROAD TO DESERT VIEW WATER TANK)
0.00	0.00	INTERSECTION	R	ROUTE 0011 (DESERT VIEW DRIVE)
0.00	0.00	INTERSECTION	L	ROUTE 0011 (DESERT VIEW DRIVE)
0.05	0.05	INTERSECTION	R	ROUTE 0171 (DESERT VIEW GAS STATION ACCESS ROAD)
0.12	0.12	INTERSECTION	R	ROUTE 1026 (DESERT VIEW VISITOR PARKING)
0.15	0.15	INTERSECTION	L	ROUTE 1025BZ (DESERT VIEW BUS PARKING B)
0.21	0.21	INTERSECTION	N/A	ROUTE 1026 (DESERT VIEW VISITOR PARKING)

GRCA: Route Milepost Log

ROUTE 0201: NORTH RIM CAMPGROUND ROAD

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

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.00	0.00	INTERSECTION	L	ROUTE 0014 (NORTH ENTRANCE ROAD (HWY 67))
0.00	0.00	INTERSECTION	R	ROUTE 0014 (NORTH ENTRANCE ROAD (HWY 67))
0.05	0.05	INTERSECTION	R	ROUTE 0971 (GAS STATION PARKING)
0.07	0.07	INTERSECTION	R	ROUTE 0971 (GAS STATION PARKING)
0.15	0.15	INTERSECTION	R	ROUTE 0972 (NORTH RIM CAMPGROUND SHOWERS & LAUNDRYMAT PARKING)
0.18	0.18	INTERSECTION	L	ROUTE 0997 (CAMPGROUND REGISTRATION/ CAMPFIRE PROGRAM PARKING)
0.26	0.26	INTERSECTION	N/A	ROUTE 0973 (NORTH RIM CAMPGROUND GENERAL STORE PARKING)
0.26	0.26	INTERSECTION	R	ROUTE 0489 (INN CABIN LOOP)
0.26	0.26	INTERSECTION	L	ROUTE 0273AZ (NORTH RIM CAMPGROUND OUTER LOOP)

ROUTE 0262: YAKI POINT ROAD

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

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.00	0.00	INTERSECTION	R	ROUTE 0011 (DESERT VIEW DRIVE)
0.00	0.00	INTERSECTION	L	ROUTE 0011 (DESERT VIEW DRIVE)
0.32	0.32	INTERSECTION	L	ROUTE 0263 (KAIBAB TRAIL ACCESS ROAD)
0.48	0.48	INTERSECTION	L	UNPAVED ROUTE
0.97	0.97	ONE-WAY START	N/A	N/A
0.97	0.97	INTERSECTION	L	ROUTE 0262 (YAKI POINT ROAD)
1.03	1.03	INTERSECTION	R	ROUTE 0948 (YAKI POINT PARKING)
1.10	1.10	INTERSECTION	L	ROUTE 0262 (YAKI POINT ROAD)
1.10	1.10	INTERSECTION	N/A	ROUTE 0262 (YAKI POINT ROAD)
1.10	1.10	ONE-WAY END	N/A	N/A

GRCA: Route Milepost Log

ROUTE 0263: KAIBAB TRAIL ACCESS ROAD

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

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.00	0.00	INTERSECTION	R	ROUTE 0262 (YAKI POINT ROAD)
0.00	0.00	INTERSECTION	L	ROUTE 0262 (YAKI POINT ROAD)
0.15	0.15	INTERSECTION	R	UNPAVED ROUTE (SERVICE ROAD)
0.20	0.20	INTERSECTION	N/A	ROUTE 0949 (KAIBAB TRAIL SERVICE ROAD PARKING)

ROUTE 0264: GRANDVIEW POINT ROAD

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

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.00	0.00	INTERSECTION	R	ROUTE 0011 (DESERT VIEW DRIVE)
0.00	0.00	INTERSECTION	L	ROUTE 0011 (DESERT VIEW DRIVE)
0.58	0.58	INTERSECTION	L	ROUTE 0264 (GRANDVIEW POINT ROAD)
0.58	0.58	ONE-WAY START	N/A	N/A
0.65	0.65	INTERSECTION	L	ROUTE 0980DZ (GRANDVIEW POINT ROAD PARKING D)
0.66	0.66	INTERSECTION	R	ROUTE 0980AZ (GRANDVIEW POINT ROAD PARKING A)
0.74	0.74	INTERSECTION	R	ROUTE 0980BZ (GRANDVIEW POINT ROAD PARKING B)
0.74	0.74	INTERSECTION	L	ROUTE 0980CZ (GRANDVIEW POINT ROAD PARKING C)
0.76	0.76	INTERSECTION	R	ROUTE 0980BZ (GRANDVIEW POINT ROAD PARKING B)
0.77	0.77	INTERSECTION	R	ROUTE 0264 (GRANDVIEW POINT ROAD)
0.77	0.77	ONE-WAY END	N/A	N/A
0.77	0.77	INTERSECTION	L	ROUTE 0264 (GRANDVIEW POINT ROAD)

GRCA: Route Milepost Log

ROUTE 0265: MORAN POINT ROAD

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

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.00	0.00	INTERSECTION	R	ROUTE 0011 (DESERT VIEW DRIVE)
0.00	0.00	INTERSECTION	L	ROUTE 0011 (DESERT VIEW DRIVE)
0.11	0.11	INTERSECTION	L	ROUTE 0265 (MORAN POINT ROAD)
0.11	0.11	ONE-WAY START	N/A	N/A
0.19	0.19	INTERSECTION	R	ROUTE 0991AZ (MORAN POINT PARKING A)
0.19	0.19	INTERSECTION	L	ROUTE 0991BZ (MORAN POINT PARKING B)
0.25	0.25	INTERSECTION	L	ROUTE 0265 (MORAN POINT ROAD)
0.25	0.25	INTERSECTION	N/A	ROUTE 0265 (MORAN POINT ROAD)
0.25	0.25	ONE-WAY END	N/A	N/A

ROUTE 0266: TUSAYAN RUIN ROAD

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

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.00	0.00	INTERSECTION	R	ROUTE 0011 (DESERT VIEW DRIVE)
0.00	0.00	INTERSECTION	L	ROUTE 0011 (DESERT VIEW DRIVE)
0.10	0.10	ONE-WAY START	N/A	N/A
0.10	0.10	INTERSECTION	L	ROUTE 0266 (TUSAYAN RUIN ROAD)
0.17	0.17	INTERSECTION	R	UNPAVED ROUTE (SERVICE ROAD)
0.20	0.20	INTERSECTION	L	ROUTE 0990BZ (TUSAYAN MUSEUM AND RUIN PARKING B)
0.20	0.20	INTERSECTION	R	ROUTE 0990AZ (TUSAYAN MUSEUM AND RUIN PARKING A)
0.23	0.23	INTERSECTION	R	UNPAVED PARKING (EMPLOYEE PARKING ONLY)
0.27	0.27	INTERSECTION	N/A	ROUTE 0266 (TUSAYAN RUIN ROAD)
0.27	0.27	INTERSECTION	L	ROUTE 0266 (TUSAYAN RUIN ROAD)
0.27	0.27	ONE-WAY END	N/A	N/A

GRCA: Route Milepost Log

ROUTE 0267: LIPAN POINT ROAD

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

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.00	0.00	INTERSECTION	R	ROUTE 0011 (DESERT VIEW DRIVE)
0.00	0.00	INTERSECTION	L	ROUTE 0011 (DESERT VIEW DRIVE)
0.44	0.44	INTERSECTION	N/A	ROUTE 0981 (LIPAN POINT PARKING)

ROUTE 0270: DESERT VIEW CAMPGROUND

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

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.00	0.00	INTERSECTION	L	ROUTE 0171 (DESERT VIEW GAS STATION ACCESS ROAD)
0.00	0.00	INTERSECTION	R	ROUTE 0171 (DESERT VIEW GAS STATION ACCESS ROAD)
0.03	0.03	INTERSECTION	R	ROUTE 0958 (DESERT VIEW GAS STATION)
0.04	0.04	INTERSECTION	L	UNPAVED ROUTE (SERVICE ROAD)
0.25	0.25	ONE-WAY START	N/A	N/A
0.25	0.25	INTERSECTION	L	ROUTE 0270 (DESERT VIEW CAMPGROUND)
0.64	0.64	INTERSECTION	L	ROUTE 0270 (DESERT VIEW CAMPGROUND)
0.64	0.64	INTERSECTION	R	ROUTE 0270 (DESERT VIEW CAMPGROUND)
0.64	0.64	ONE-WAY END	N/A	N/A

GRCA: Route Milepost Log

ROUTE 0271: MATHER CAMPGROUND ACCESS ROAD

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

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.00	0.00	INTERSECTION	R	ROUTE 0017 (MARKET PLAZA ROAD)
0.00	0.00	INTERSECTION	L	ROUTE 0017 (MARKET PLAZA ROAD)
0.02	0.02	INTERSECTION	R	ROUTE 0941 (MATHER CAMPGROUND SERVICES PARKING)
0.05	0.05	INTERSECTION	R	ROUTE 1049 (MATHER CAMPGROUND CHECK IN PARKING)
0.08	0.08	INTERSECTION	R	ROUTE 1049 (MATHER CAMPGROUND CHECK IN PARKING)
0.14	0.14	INTERSECTION	R	ROUTE 0272AZ (MATHER CAMPGROUND ASPEN LOOP)
0.19	0.19	INTERSECTION	L	ROUTE 0272BZ (MATHER CAMPGROUND SAGE LOOP 1)
0.19	0.19	INTERSECTION	R	ROUTE 0272AZ (MATHER CAMPGROUND ASPEN LOOP)
0.22	0.22	INTERSECTION	R	ROUTE 0272FZ (MATHER CAMPGROUND FIR LOOP)
0.25	0.25	INTERSECTION	L	ROUTE 0272GZ (MATHER CAMPGROUND PINE LOOP)
0.27	0.27	INTERSECTION	L	ROUTE 0272GZ (MATHER CAMPGROUND PINE LOOP)
0.28	0.28	INTERSECTION	R	ROUTE 0272FZ (MATHER CAMPGROUND FIR LOOP)
0.30	0.30	INTERSECTION	R	ROUTE 0272HZ (MATHER CAMPGROUND JUNIPER LOOP 1)
0.34	0.34	INTERSECTION	L	ROUTE 0272JZ (MATHER CAMPGROUND OAK LOOP 1)
0.34	0.34	INTERSECTION	R	ROUTE 0272HZ (MATHER CAMPGROUND JUNIPER LOOP 1)
0.37	0.37	INTERSECTION	L	ROUTE 0272LZ (MATHER CAMPGROUND MAPLE LOOP)
0.37	0.37	INTERSECTION	N/A	ROUTE 0272LZ (MATHER CAMPGROUND MAPLE LOOP)

ROUTE 0272AAZ: MATHER CAMPGROUND ASPEN LOOP CUT THRU

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

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.00	0.00	INTERSECTION	R	ROUTE 0272AZ (MATHER CAMPGROUND ASPEN LOOP)
0.00	0.00	INTERSECTION	N/A	ROUTE 0272AZ (MATHER CAMPGROUND ASPEN LOOP)
0.00	0.00	ONE-WAY START	N/A	N/A
0.04	0.04	INTERSECTION	R	ROUTE 0272AZ (MATHER CAMPGROUND ASPEN LOOP)
0.04	0.04	ONE-WAY END	N/A	N/A
0.04	0.04	INTERSECTION	L	ROUTE 0272AZ (MATHER CAMPGROUND ASPEN LOOP)

GRCA: Route Milepost Log

ROUTE 0272AZ: MATHER CAMPGROUND ASPEN LOOP

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

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.00	0.00	INTERSECTION	R	ROUTE 0271 (MATHER CAMPGROUND ACCESS ROAD)
0.00	0.00	INTERSECTION	L	ROUTE 0271 (MATHER CAMPGROUND ACCESS ROAD)
0.00	0.00	ONE-WAY START	N/A	N/A
0.13	0.13	INTERSECTION	L	ROUTE 0272AAZ (MATHER CAMPGROUND ASPEN LOOP CUT THRU)
0.41	0.41	INTERSECTION	L	ROUTE 0272AAZ (MATHER CAMPGROUND ASPEN LOOP CUT THRU)
0.59	0.59	INTERSECTION	R	ROUTE 0271 (MATHER CAMPGROUND ACCESS ROAD)
0.59	0.59	ONE-WAY END	N/A	N/A
0.59	0.59	INTERSECTION	L	ROUTE 0271 (MATHER CAMPGROUND ACCESS ROAD)

ROUTE 0272BZ: MATHER CAMPGROUND SAGE LOOP 1

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

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.00	0.00	INTERSECTION	R	ROUTE 0271 (MATHER CAMPGROUND ACCESS ROAD)
0.00	0.00	INTERSECTION	L	ROUTE 0271 (MATHER CAMPGROUND ACCESS ROAD)
0.01	0.01	INTERSECTION	R	ROUTE 0272CZ (MATHER CAMPGROUND SAGE LOOP 2)
0.01	0.01	INTERSECTION	L	ROUTE 0272EZ (MATHER CAMPGROUND SAGE LOOP 4)
0.05	0.05	INTERSECTION	R	ROUTE 0272DZ (MATHER CAMPGROUND SAGE LOOP 3)
0.06	0.06	INTERSECTION	R	ROUTE 0272CZ (MATHER CAMPGROUND SAGE LOOP 2)
0.08	0.08	INTERSECTION	L	ROUTE 0272EZ (MATHER CAMPGROUND SAGE LOOP 4)
0.09	0.09	INTERSECTION	R	ROUTE 0272DZ (MATHER CAMPGROUND SAGE LOOP 3)
0.10	0.10	ONE-WAY START	N/A	N/A
0.10	0.10	INTERSECTION	L	ROUTE 0272BZ (MATHER CAMPGROUND SAGE LOOP 1)
0.19	0.19	INTERSECTION	L	ROUTE 0272BZ (MATHER CAMPGROUND SAGE LOOP 1)
0.19	0.19	INTERSECTION	N/A	ROUTE 0272BZ (MATHER CAMPGROUND SAGE LOOP 1)
0.19	0.19	ONE-WAY END	N/A	N/A

GRCA: Route Milepost Log

ROUTE 0272CZ: MATHER CAMPGROUND SAGE LOOP 2

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

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.00	0.00	INTERSECTION	L	ROUTE 0272EZ (MATHER CAMPGROUND SAGE LOOP 4)
0.00	0.00	ONE-WAY START	N/A	N/A
0.00	0.00	INTERSECTION	N/A	ROUTE 0272BZ (MATHER CAMPGROUND SAGE LOOP 1)
0.05	0.05	INTERSECTION	L	ROUTE 0272DZ (MATHER CAMPGROUND SAGE LOOP 3)
0.05	0.05	INTERSECTION	R	ROUTE 0272DZ (MATHER CAMPGROUND SAGE LOOP 3)
0.07	0.07	INTERSECTION	L	ROUTE 0272BZ (MATHER CAMPGROUND SAGE LOOP 1)
0.07	0.07	INTERSECTION	R	ROUTE 0272BZ (MATHER CAMPGROUND SAGE LOOP 1)
0.07	0.07	ONE-WAY END	N/A	N/A

ROUTE 0272DZ: MATHER CAMPGROUND SAGE LOOP 3

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

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.00	0.00	ONE-WAY START	N/A	N/A
0.00	0.00	INTERSECTION	L	ROUTE 0272BZ (MATHER CAMPGROUND SAGE LOOP 1)
0.00	0.00	INTERSECTION	N/A	ROUTE 0272BZ (MATHER CAMPGROUND SAGE LOOP 1)
0.01	0.01	INTERSECTION	L	ROUTE 0272CZ (MATHER CAMPGROUND SAGE LOOP 2)
0.01	0.01	INTERSECTION	R	ROUTE 0272CZ (MATHER CAMPGROUND SAGE LOOP 2)
0.05	0.05	INTERSECTION	L	ROUTE 0272BZ (MATHER CAMPGROUND SAGE LOOP 1)
0.05	0.05	INTERSECTION	R	ROUTE 0272BZ (MATHER CAMPGROUND SAGE LOOP 1)
0.05	0.05	ONE-WAY END	N/A	N/A

GRCA: Route Milepost Log

ROUTE 0272EZ: MATHER CAMPGROUND SAGE LOOP 4

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

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.00	0.00	INTERSECTION	L	ROUTE 0272BZ (MATHER CAMPGROUND SAGE LOOP 1)
0.00	0.00	ONE-WAY START	N/A	N/A
0.00	0.00	INTERSECTION	N/A	ROUTE 0272BZ (MATHER CAMPGROUND SAGE LOOP 1)
0.08	0.08	INTERSECTION	R	ROUTE 0272BZ (MATHER CAMPGROUND SAGE LOOP 1)
0.08	0.08	INTERSECTION	N/A	ROUTE 0272CZ (MATHER CAMPGROUND SAGE LOOP 2)
0.08	0.08	ONE-WAY END	N/A	N/A
0.08	0.08	INTERSECTION	L	ROUTE 0272BZ (MATHER CAMPGROUND SAGE LOOP 1)

ROUTE 0272FAZ: MATHER CAMPGROUND FIR LOOP CUT THRU

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

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.00	0.00	INTERSECTION	N/A	ROUTE 0272FZ (MATHER CAMPGROUND FIR LOOP)
0.00	0.00	INTERSECTION	R	ROUTE 0272FZ (MATHER CAMPGROUND FIR LOOP)
0.00	0.00	ONE-WAY START	N/A	N/A
0.04	0.04	INTERSECTION	R	ROUTE 0272FZ (MATHER CAMPGROUND FIR LOOP)
0.04	0.04	INTERSECTION	N/A	ROUTE 0272FZ (MATHER CAMPGROUND FIR LOOP)
0.04	0.04	ONE-WAY END	N/A	N/A

GRCA: Route Milepost Log

ROUTE 0272FZ: MATHER CAMPGROUND FIR LOOP

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

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.00	0.00	INTERSECTION	R	ROUTE 0271 (MATHER CAMPGROUND ACCESS ROAD)
0.00	0.00	INTERSECTION	L	ROUTE 0271 (MATHER CAMPGROUND ACCESS ROAD)
0.00	0.00	ONE-WAY START	N/A	N/A
0.12	0.12	INTERSECTION	L	ROUTE 0272FAZ (MATHER CAMPGROUND FIR LOOP CUT THRU)
0.35	0.35	INTERSECTION	L	ROUTE 0272FAZ (MATHER CAMPGROUND FIR LOOP CUT THRU)
0.49	0.49	INTERSECTION	N/A	ROUTE 0272GZ (MATHER CAMPGROUND PINE LOOP)
0.49	0.49	INTERSECTION	L	ROUTE 0271 (MATHER CAMPGROUND ACCESS ROAD)
0.49	0.49	INTERSECTION	R	ROUTE 0271 (MATHER CAMPGROUND ACCESS ROAD)
0.49	0.49	ONE-WAY END	N/A	N/A

ROUTE 0272GZ: MATHER CAMPGROUND PINE LOOP

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

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.00	0.00	INTERSECTION	L	ROUTE 0271 (MATHER CAMPGROUND ACCESS ROAD)
0.00	0.00	ONE-WAY START	N/A	N/A
0.00	0.00	INTERSECTION	R	ROUTE 0271 (MATHER CAMPGROUND ACCESS ROAD)
0.47	0.47	INTERSECTION	R	ROUTE 0271 (MATHER CAMPGROUND ACCESS ROAD)
0.47	0.47	ONE-WAY END	N/A	N/A
0.47	0.47	INTERSECTION	L	ROUTE 0271 (MATHER CAMPGROUND ACCESS ROAD)

GRCA: Route Milepost Log

ROUTE 0272HZ: MATHER CAMPGROUND JUNIPER LOOP 1

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

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.00	0.00	INTERSECTION	R	ROUTE 0271 (MATHER CAMPGROUND ACCESS ROAD)
0.00	0.00	INTERSECTION	L	ROUTE 0271 (MATHER CAMPGROUND ACCESS ROAD)
0.00	0.00	ONE-WAY START	N/A	N/A
0.14	0.14	INTERSECTION	R	ROUTE 0272IZ (MATHER CAMPGROUND JUNIPER LOOP 2)
0.19	0.19	INTERSECTION	R	ROUTE 0272IZ (MATHER CAMPGROUND JUNIPER LOOP 2)
0.33	0.33	INTERSECTION	N/A	ROUTE 0272JZ (MATHER CAMPGROUND OAK LOOP 1)
0.33	0.33	INTERSECTION	L	ROUTE 0271 (MATHER CAMPGROUND ACCESS ROAD)
0.33	0.33	INTERSECTION	R	ROUTE 0271 (MATHER CAMPGROUND ACCESS ROAD)
0.33	0.33	ONE-WAY END	N/A	N/A

ROUTE 0272IZ: MATHER CAMPGROUND JUNIPER LOOP 2

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

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.00	0.00	ONE-WAY START	N/A	N/A
0.00	0.00	INTERSECTION	N/A	ROUTE 0272HZ (MATHER CAMPGROUND JUNIPER LOOP 1)
0.00	0.00	INTERSECTION	L	ROUTE 0272HZ (MATHER CAMPGROUND JUNIPER LOOP 1)
0.44	0.44	INTERSECTION	N/A	ROUTE 0272HZ (MATHER CAMPGROUND JUNIPER LOOP 1)
0.44	0.44	INTERSECTION	L	ROUTE 0272HZ (MATHER CAMPGROUND JUNIPER LOOP 1)
0.44	0.44	ONE-WAY END	N/A	N/A

GRCA: Route Milepost Log

ROUTE 0272JZ: MATHER CAMPGROUND OAK LOOP 1

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

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.00	0.00	INTERSECTION	N/A	ROUTE 0272HZ (MATHER CAMPGROUND JUNIPER LOOP 1)
0.00	0.00	ONE-WAY START	N/A	N/A
0.00	0.00	INTERSECTION	R	ROUTE 0271 (MATHER CAMPGROUND ACCESS ROAD)
0.00	0.00	INTERSECTION	L	ROUTE 0271 (MATHER CAMPGROUND ACCESS ROAD)
0.13	0.13	INTERSECTION	L	ROUTE 0272KZ (MATHER CAMPGROUND OAK LOOP 2)
0.20	0.20	INTERSECTION	L	ROUTE 0272KZ (MATHER CAMPGROUND OAK LOOP 2)
0.25	0.25	INTERSECTION	L	ROUTE 0272LZ (MATHER CAMPGROUND MAPLE LOOP)
0.25	0.25	INTERSECTION	N/A	ROUTE 0272LZ (MATHER CAMPGROUND MAPLE LOOP)
0.25	0.25	ONE-WAY END	N/A	N/A

ROUTE 0272KZ: MATHER CAMPGROUND OAK LOOP 2

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

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.00	0.00	INTERSECTION	R	ROUTE 0272JZ (MATHER CAMPGROUND OAK LOOP 1)
0.00	0.00	ONE-WAY START	N/A	N/A
0.00	0.00	INTERSECTION	N/A	ROUTE 0272JZ (MATHER CAMPGROUND OAK LOOP 1)
0.24	0.24	INTERSECTION	R	ROUTE 0272JZ (MATHER CAMPGROUND OAK LOOP 1)
0.24	0.24	INTERSECTION	N/A	ROUTE 0272JZ (MATHER CAMPGROUND OAK LOOP 1)
0.24	0.24	ONE-WAY END	N/A	N/A

GRCA: Route Milepost Log

ROUTE 0272LZ: MATHER CAMPGROUND MAPLE LOOP

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

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.00	0.00	INTERSECTION	N/A	ROUTE 0271 (MATHER CAMPGROUND ACCESS ROAD)
0.00	0.00	ONE-WAY START	N/A	N/A
0.00	0.00	INTERSECTION	L	ROUTE 0272LZ (MATHER CAMPGROUND MAPLE LOOP)
0.18	0.18	INTERSECTION	R	ROUTE 0272JZ (MATHER CAMPGROUND OAK LOOP 1)
0.25	0.25	INTERSECTION	R	ROUTE 0271 (MATHER CAMPGROUND ACCESS ROAD)
0.25	0.25	INTERSECTION	L	ROUTE 0272LZ (MATHER CAMPGROUND MAPLE LOOP)
0.25	0.25	ONE-WAY END	N/A	N/A

GRCA: Route Milepost Log

ROUTE 0273AZ: NORTH RIM CAMPGROUND OUTER LOOP

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

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.00	0.00	INTERSECTION	R	ROUTE 0973 (NORTH RIM CAMPGROUND GENERAL STORE PARKING)
0.00	0.00	INTERSECTION	N/A	ROUTE 0489 (INN CABIN LOOP)
0.00	0.00	INTERSECTION	L	ROUTE 0201 (NORTH RIM CAMPGROUND ROAD)
0.02	0.02	INTERSECTION	L	ROUTE 0997 (CAMPGROUND REGISTRATION/ CAMPFIRE PROGRAM PARKING)
0.02	0.02	INTERSECTION	L	ROUTE 0273AZ (NORTH RIM CAMPGROUND OUTER LOOP)
0.02	0.02	ONE-WAY START	N/A	N/A
0.03	0.03	INTERSECTION	L	ROUTE 0273AZ (NORTH RIM CAMPGROUND OUTER LOOP) CUT-THRU
0.04	0.04	INTERSECTION	L	ROUTE 0273BZ (NORTH RIM CAMPGROUND SITES 80 TO 83)
0.04	0.04	INTERSECTION	R	ROUTE 0998 (NORTH RIM CAMPGROUND DUMP STATION)
0.06	0.06	INTERSECTION	R	ROUTE 0998 (NORTH RIM CAMPGROUND DUMP STATION)
0.06	0.06	INTERSECTION	L	ROUTE 0273CZ (NORTH RIM CAMPGROUND SITES 74 TO 79)
0.10	0.10	INTERSECTION	R	ROUTE 0998 (NORTH RIM CAMPGROUND DUMP STATION)
0.11	0.11	INTERSECTION	L	ROUTE 0273DZ (NORTH RIM CAMPGROUND SITES 64 TO 73)
0.16	0.16	INTERSECTION	L	ROUTE 0273EZ (NORTH RIM CAMPGROUND SITES 53 TO 63)
0.19	0.19	INTERSECTION	L	ROUTE 0273FZ (NORTH RIM CAMPGROUND SITES 47 TO 52)
0.34	0.34	INTERSECTION	L	ROUTE 0273FZ (NORTH RIM CAMPGROUND SITES 47 TO 52)
0.40	0.40	INTERSECTION	L	ROUTE 0273EZ (NORTH RIM CAMPGROUND SITES 53 TO 63)
0.44	0.44	INTERSECTION	L	ROUTE 0273DZ (NORTH RIM CAMPGROUND SITES 64 TO 73)
0.49	0.49	INTERSECTION	L	ROUTE 0273CZ (NORTH RIM CAMPGROUND SITES 74 TO 79)
0.54	0.54	INTERSECTION	L	ROUTE 0273BZ (NORTH RIM CAMPGROUND SITES 80 TO 83)
0.58	0.58	INTERSECTION	L	ROUTE 0273AZ (NORTH RIM CAMPGROUND OUTER LOOP) CUT-THRU
0.60	0.60	INTERSECTION	L	ROUTE 0273AZ (NORTH RIM CAMPGROUND OUTER LOOP)
0.62	0.62	INTERSECTION	R	ROUTE 0997 (CAMPGROUND REGISTRATION/ CAMPFIRE PROGRAM PARKING)
0.63	0.63	ONE-WAY END	N/A	N/A
0.63	0.63	INTERSECTION	N/A	ROUTE 0489 (INN CABIN LOOP)
0.63	0.63	INTERSECTION	R	ROUTE 0201 (NORTH RIM CAMPGROUND ROAD)
0.63	0.63	INTERSECTION	L	ROUTE 0973 (NORTH RIM CAMPGROUND GENERAL STORE PARKING)

GRCA: Route Milepost Log

ROUTE 0273BZ: NORTH RIM CAMPGROUND SITES 80 TO 83

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

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.00	0.00	INTERSECTION	R	ROUTE 0273AZ (NORTH RIM CAMPGROUND OUTER LOOP)
0.00	0.00	INTERSECTION	L	ROUTE 0273AZ (NORTH RIM CAMPGROUND OUTER LOOP) CUT-THRU
0.00	0.00	INTERSECTION	N/A	ROUTE 0273AZ (NORTH RIM CAMPGROUND OUTER LOOP)
0.00	0.00	ONE-WAY START	N/A	N/A
0.06	0.06	ONE-WAY END	N/A	N/A
0.06	0.06	INTERSECTION	N/A	ROUTE 0273AZ (NORTH RIM CAMPGROUND OUTER LOOP)
0.06	0.06	INTERSECTION	L	ROUTE 0273AZ (NORTH RIM CAMPGROUND OUTER LOOP)

ROUTE 0273CZ: NORTH RIM CAMPGROUND SITES 74 TO 79

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

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.00	0.00	INTERSECTION	R	ROUTE 0273AZ (NORTH RIM CAMPGROUND OUTER LOOP)
0.00	0.00	ONE-WAY START	N/A	N/A
0.00	0.00	INTERSECTION	N/A	ROUTE 0273AZ (NORTH RIM CAMPGROUND OUTER LOOP)
0.09	0.09	ONE-WAY END	N/A	N/A
0.09	0.09	INTERSECTION	L	ROUTE 0273AZ (NORTH RIM CAMPGROUND OUTER LOOP)
0.09	0.09	INTERSECTION	N/A	ROUTE 0273AZ (NORTH RIM CAMPGROUND OUTER LOOP)

GRCA: Route Milepost Log

ROUTE 0273DZ: NORTH RIM CAMPGROUND SITES 64 TO 73

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

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.00	0.00	ONE-WAY START	N/A	N/A
0.00	0.00	INTERSECTION	R	ROUTE 0273AZ (NORTH RIM CAMPGROUND OUTER LOOP)
0.00	0.00	INTERSECTION	L	ROUTE 0273AZ (NORTH RIM CAMPGROUND OUTER LOOP)
0.11	0.11	INTERSECTION	R	ROUTE 0273AZ (NORTH RIM CAMPGROUND OUTER LOOP)
0.11	0.11	INTERSECTION	L	ROUTE 0273AZ (NORTH RIM CAMPGROUND OUTER LOOP)
0.11	0.11	ONE-WAY END	N/A	N/A

ROUTE 0273EZ: NORTH RIM CAMPGROUND SITES 53 TO 63

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

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.00	0.00	INTERSECTION	R	ROUTE 0273AZ (NORTH RIM CAMPGROUND OUTER LOOP)
0.00	0.00	ONE-WAY START	N/A	N/A
0.00	0.00	INTERSECTION	N/A	ROUTE 0273AZ (NORTH RIM CAMPGROUND OUTER LOOP)
0.11	0.11	INTERSECTION	N/A	ROUTE 0273AZ (NORTH RIM CAMPGROUND OUTER LOOP)
0.11	0.11	ONE-WAY END	N/A	N/A
0.11	0.11	INTERSECTION	L	ROUTE 0273AZ (NORTH RIM CAMPGROUND OUTER LOOP)

ROUTE 0273FZ: NORTH RIM CAMPGROUND SITES 47 TO 52

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

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.00	0.00	INTERSECTION	R	ROUTE 0273AZ (NORTH RIM CAMPGROUND OUTER LOOP)
0.00	0.00	INTERSECTION	N/A	ROUTE 0273AZ (NORTH RIM CAMPGROUND OUTER LOOP)
0.00	0.00	ONE-WAY START	N/A	N/A
0.08	0.08	INTERSECTION	N/A	ROUTE 0273AZ (NORTH RIM CAMPGROUND OUTER LOOP)
0.08	0.08	INTERSECTION	L	ROUTE 0273AZ (NORTH RIM CAMPGROUND OUTER LOOP)
0.08	0.08	ONE-WAY END	N/A	N/A

GRCA: Route Milepost Log

ROUTE 0277AZ: TRAILER VILLAGE OUTER LOOP A

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

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.00	0.00	INTERSECTION	L	ROUTE 0017 (MARKET PLAZA ROAD)
0.00	0.00	INTERSECTION	R	ROUTE 0017 (MARKET PLAZA ROAD)
0.22	0.22	INTERSECTION	L	ROUTE 0994 (TRAILER VILLAGE DORM PARKING)
0.25	0.25	INTERSECTION	L	ROUTE 0277AZ (TRAILER VILLAGE OUTER LOOP A) OPPOSITE LANE
0.28	0.28	INTERSECTION	L	ROUTE 0277AZ (TRAILER VILLAGE OUTER LOOP A) CUT-THRU
0.28	0.28	INTERSECTION	L	ROUTE 0277AZ (TRAILER VILLAGE OUTER LOOP A) OPPOSITE LANE
0.29	0.29	INTERSECTION	L	ROUTE 0277AZ (TRAILER VILLAGE OUTER LOOP A) OPPOSITE LANE
0.31	0.31	INTERSECTION	L	ROUTE 0277AZ (TRAILER VILLAGE OUTER LOOP A) OPPOSITE LANE
0.33	0.33	INTERSECTION	L	ROUTE 0279AZ (TRAILER VILLAGE ROAD A)
0.35	0.35	INTERSECTION	R	ROUTE 0277BZ (TRAILER VILLAGE OUTER LOOP B)
0.36	0.36	INTERSECTION	L	ROUTE 0279BZ (TRAILER VILLAGE ROAD B)
0.36	0.36	INTERSECTION	R	ROUTE 0277BZ (TRAILER VILLAGE OUTER LOOP B) SPUR
0.36	0.36	ONE-WAY START	N/A	N/A
0.36	0.36	INTERSECTION	R	ROUTE 0279LLZ (TRAILER VILLAGE ROAD LL)
0.37	0.37	INTERSECTION	L	ROUTE 0279CZ (TRAILER VILLAGE ROAD C)
0.38	0.38	INTERSECTION	R	ROUTE 0279MZ (TRAILER VILLAGE ROAD M)
0.38	0.38	INTERSECTION	L	ROUTE 0279DZ (TRAILER VILLAGE ROAD D)
0.39	0.39	INTERSECTION	R	ROUTE 0279NZ (TRAILER VILLAGE ROAD N)
0.40	0.40	INTERSECTION	L	ROUTE 0279EZ (TRAILER VILLAGE ROAD E)
0.40	0.40	INTERSECTION	R	ROUTE 0279OZ (TRAILER VILLAGE ROAD O)
0.41	0.41	INTERSECTION	R	ROUTE 0279PZ (TRAILER VILLAGE ROAD P)
0.41	0.41	INTERSECTION	L	ROUTE 0279FZ (TRAILER VILLAGE ROAD F)
0.42	0.42	INTERSECTION	L	ROUTE 0279GZ (TRAILER VILLAGE ROAD G)
0.43	0.43	INTERSECTION	R	ROUTE 0279RZ (TRAILER VILLAGE ROAD R)
0.43	0.43	INTERSECTION	L	ROUTE 0279HZ (TRAILER VILLAGE ROAD H)
0.44	0.44	INTERSECTION	R	ROUTE 0279SZ (TRAILER VILLAGE ROAD S)
0.44	0.44	INTERSECTION	L	ROUTE 0279IZ (TRAILER VILLAGE ROAD I)

Data Collected on 7/2016

GRCA: Route Milepost Log

ROUTE 0277AZ: TRAILER VILLAGE OUTER LOOP A

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

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.45	0.45	INTERSECTION	L	ROUTE 0279JZ (TRAILER VILLAGE ROAD J)
0.46	0.46	INTERSECTION	R	ROUTE 0279TZ (TRAILER VILLAGE ROAD T)
0.46	0.46	INTERSECTION	L	ROUTE 0279KZ (TRAILER VILLAGE ROAD K)
0.47	0.47	INTERSECTION	R	ROUTE 0277BZ (TRAILER VILLAGE OUTER LOOP B)
0.47	0.47	ONE-WAY END	N/A	N/A
0.48	0.48	ONE-WAY START	N/A	N/A
0.59	0.59	INTERSECTION	R	ROUTE 0464 (TANK C PUMPHOUSE ROAD)
0.61	0.61	INTERSECTION	L	ROUTE 0279KZ (TRAILER VILLAGE ROAD K)
0.61	0.61	INTERSECTION	L	ROUTE 0279JZ (TRAILER VILLAGE ROAD J)
0.62	0.62	INTERSECTION	L	ROUTE 0279IZ (TRAILER VILLAGE ROAD I)
0.63	0.63	INTERSECTION	L	ROUTE 0279HZ (TRAILER VILLAGE ROAD H)
0.65	0.65	INTERSECTION	L	ROUTE 0279GZ (TRAILER VILLAGE ROAD G)
0.66	0.66	INTERSECTION	L	ROUTE 0279FZ (TRAILER VILLAGE ROAD F)
0.67	0.67	INTERSECTION	L	ROUTE 0279EZ (TRAILER VILLAGE ROAD E)
0.68	0.68	INTERSECTION	L	ROUTE 0279DZ (TRAILER VILLAGE ROAD D)
0.69	0.69	INTERSECTION	L	ROUTE 0279CZ (TRAILER VILLAGE ROAD C)
0.69	0.69	INTERSECTION	R	ROUTE 1050 (REAR DORM PARKING)
0.70	0.70	INTERSECTION	L	ROUTE 0279BZ (TRAILER VILLAGE ROAD B)
0.71	0.71	INTERSECTION	L	ROUTE 0279AZ (TRAILER VILLAGE ROAD A)
0.72	0.72	ONE-WAY END	N/A	N/A
0.72	0.72	INTERSECTION	L	ROUTE 0277AZ (TRAILER VILLAGE OUTER LOOP A)
0.72	0.72	INTERSECTION	N/A	ROUTE 0277AZ (TRAILER VILLAGE OUTER LOOP A)

GRCA: Route Milepost Log

ROUTE 0277BZ: TRAILER VILLAGE OUTER LOOP B

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

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.00	0.00	ONE-WAY START	N/A	N/A
0.00	0.00	ONE-WAY END	N/A	N/A
0.00	0.00	INTERSECTION	L	ROUTE 0277AZ (TRAILER VILLAGE OUTER LOOP A)
0.00	0.00	INTERSECTION	N/A	ROUTE 0277AZ (TRAILER VILLAGE OUTER LOOP A)
0.14	0.14	INTERSECTION	R	ROUTE 0279TZ (TRAILER VILLAGE ROAD T)
0.15	0.15	INTERSECTION	R	ROUTE 0279SZ (TRAILER VILLAGE ROAD S)
0.16	0.16	INTERSECTION	R	ROUTE 0279RZ (TRAILER VILLAGE ROAD R)
0.19	0.19	INTERSECTION	R	ROUTE 0279PZ (TRAILER VILLAGE ROAD P)
0.21	0.21	INTERSECTION	R	ROUTE 0279OZ (TRAILER VILLAGE ROAD O)
0.22	0.22	INTERSECTION	R	ROUTE 0279NZ (TRAILER VILLAGE ROAD N)
0.25	0.25	INTERSECTION	R	ROUTE 0279MZ (TRAILER VILLAGE ROAD M)
0.28	0.28	INTERSECTION	R	ROUTE 0279LLZ (TRAILER VILLAGE ROAD LL)
0.37	0.37	INTERSECTION	R	ROUTE 0277BZ (TRAILER VILLAGE OUTER LOOP B) SPUR
0.37	0.37	INTERSECTION	L	ROUTE 0277AZ (TRAILER VILLAGE OUTER LOOP A)
0.37	0.37	INTERSECTION	R	ROUTE 0277AZ (TRAILER VILLAGE OUTER LOOP A)

GRCA: Route Milepost Log

ROUTE 0279AZ: TRAILER VILLAGE ROAD A

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

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.00	0.00	ONE-WAY START	N/A	N/A
0.00	0.00	INTERSECTION	R	ROUTE 0277AZ (TRAILER VILLAGE OUTER LOOP A)
0.00	0.00	INTERSECTION	L	ROUTE 0277AZ (TRAILER VILLAGE OUTER LOOP A)
0.05	0.05	INTERSECTION	N/A	ROUTE 1050 (REAR DORM PARKING)
0.05	0.05	INTERSECTION	L	ROUTE 0277AZ (TRAILER VILLAGE OUTER LOOP A)
0.05	0.05	ONE-WAY END	N/A	N/A
0.05	0.05	INTERSECTION	R	ROUTE 0277AZ (TRAILER VILLAGE OUTER LOOP A)

ROUTE 0279BZ: TRAILER VILLAGE ROAD B

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

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.00	0.00	INTERSECTION	R	ROUTE 0277AZ (TRAILER VILLAGE OUTER LOOP A)
0.00	0.00	INTERSECTION	N/A	ROUTE 0277AZ (TRAILER VILLAGE OUTER LOOP A)
0.00	0.00	ONE-WAY START	N/A	N/A
0.07	0.07	INTERSECTION	L	ROUTE 0277AZ (TRAILER VILLAGE OUTER LOOP A)
0.07	0.07	ONE-WAY END	N/A	N/A
0.07	0.07	INTERSECTION	N/A	ROUTE 0277AZ (TRAILER VILLAGE OUTER LOOP A)
0.07	0.07	INTERSECTION	N/A	ROUTE 1050 (REAR DORM PARKING)

GRCA: Route Milepost Log

ROUTE 0279CZ: TRAILER VILLAGE ROAD C

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

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.00	0.00	INTERSECTION	R	ROUTE 0277AZ (TRAILER VILLAGE OUTER LOOP A)
0.00	0.00	ONE-WAY START	N/A	N/A
0.00	0.00	INTERSECTION	N/A	ROUTE 0277AZ (TRAILER VILLAGE OUTER LOOP A)
0.08	0.08	INTERSECTION	N/A	ROUTE 0277AZ (TRAILER VILLAGE OUTER LOOP A)
0.08	0.08	ONE-WAY END	N/A	N/A
0.08	0.08	INTERSECTION	N/A	ROUTE 1050 (REAR DORM PARKING)
0.08	0.08	INTERSECTION	L	ROUTE 0277AZ (TRAILER VILLAGE OUTER LOOP A)

ROUTE 0279DZ: TRAILER VILLAGE ROAD D

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

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.00	0.00	INTERSECTION	N/A	ROUTE 0277AZ (TRAILER VILLAGE OUTER LOOP A)
0.00	0.00	ONE-WAY START	N/A	N/A
0.00	0.00	INTERSECTION	R	ROUTE 0277AZ (TRAILER VILLAGE OUTER LOOP A)
0.08	0.08	INTERSECTION	N/A	ROUTE 1050 (REAR DORM PARKING)
0.08	0.08	INTERSECTION	L	ROUTE 0277AZ (TRAILER VILLAGE OUTER LOOP A)
0.08	0.08	INTERSECTION	R	ROUTE 0277AZ (TRAILER VILLAGE OUTER LOOP A)
0.08	0.08	ONE-WAY END	N/A	N/A

GRCA: Route Milepost Log

ROUTE 0279EZ: TRAILER VILLAGE ROAD E

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

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.00	0.00	INTERSECTION	R	ROUTE 0277AZ (TRAILER VILLAGE OUTER LOOP A)
0.00	0.00	INTERSECTION	N/A	ROUTE 0277AZ (TRAILER VILLAGE OUTER LOOP A)
0.00	0.00	ONE-WAY START	N/A	N/A
0.00	0.00	INTERSECTION	N/A	ROUTE 0279OZ (TRAILER VILLAGE ROAD O)
0.09	0.09	INTERSECTION	N/A	ROUTE 1050 (REAR DORM PARKING)
0.09	0.09	INTERSECTION	L	ROUTE 0277AZ (TRAILER VILLAGE OUTER LOOP A)
0.09	0.09	INTERSECTION	R	ROUTE 0277AZ (TRAILER VILLAGE OUTER LOOP A)
0.09	0.09	ONE-WAY END	N/A	N/A

ROUTE 0279FZ: TRAILER VILLAGE ROAD F

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

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.00	0.00	INTERSECTION	N/A	ROUTE 0277AZ (TRAILER VILLAGE OUTER LOOP A)
0.00	0.00	ONE-WAY START	N/A	N/A
0.00	0.00	INTERSECTION	N/A	ROUTE 0279PZ (TRAILER VILLAGE ROAD P)
0.00	0.00	INTERSECTION	R	ROUTE 0277AZ (TRAILER VILLAGE OUTER LOOP A)
0.09	0.09	INTERSECTION	L	ROUTE 0277AZ (TRAILER VILLAGE OUTER LOOP A)
0.09	0.09	INTERSECTION	R	ROUTE 0277AZ (TRAILER VILLAGE OUTER LOOP A)
0.09	0.09	ONE-WAY END	N/A	N/A

GRCA: Route Milepost Log

ROUTE 0279GZ: TRAILER VILLAGE ROAD G

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

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.00	0.00	INTERSECTION	R	ROUTE 0277AZ (TRAILER VILLAGE OUTER LOOP A)
0.00	0.00	ONE-WAY START	N/A	N/A
0.00	0.00	INTERSECTION	N/A	ROUTE 0277AZ (TRAILER VILLAGE OUTER LOOP A)
0.10	0.10	INTERSECTION	L	ROUTE 0277AZ (TRAILER VILLAGE OUTER LOOP A)
0.10	0.10	ONE-WAY END	N/A	N/A
0.10	0.10	INTERSECTION	R	ROUTE 0277AZ (TRAILER VILLAGE OUTER LOOP A)

ROUTE 0279HZ: TRAILER VILLAGE ROAD H

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

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.00	0.00	INTERSECTION	N/A	ROUTE 0279RZ (TRAILER VILLAGE ROAD R)
0.00	0.00	INTERSECTION	R	ROUTE 0277AZ (TRAILER VILLAGE OUTER LOOP A)
0.00	0.00	INTERSECTION	N/A	ROUTE 0277AZ (TRAILER VILLAGE OUTER LOOP A)
0.00	0.00	ONE-WAY START	N/A	N/A
0.10	0.10	INTERSECTION	R	ROUTE 0277AZ (TRAILER VILLAGE OUTER LOOP A)
0.10	0.10	ONE-WAY END	N/A	N/A
0.10	0.10	INTERSECTION	L	ROUTE 0277AZ (TRAILER VILLAGE OUTER LOOP A)

GRCA: Route Milepost Log

ROUTE 0279IZ: TRAILER VILLAGE ROAD I

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

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.00	0.00	INTERSECTION	R	ROUTE 0277AZ (TRAILER VILLAGE OUTER LOOP A)
0.00	0.00	INTERSECTION	N/A	ROUTE 0279SZ (TRAILER VILLAGE ROAD S)
0.00	0.00	INTERSECTION	N/A	ROUTE 0277AZ (TRAILER VILLAGE OUTER LOOP A)
0.00	0.00	ONE-WAY START	N/A	N/A
0.10	0.10	INTERSECTION	R	ROUTE 0277AZ (TRAILER VILLAGE OUTER LOOP A)
0.10	0.10	INTERSECTION	L	ROUTE 0277AZ (TRAILER VILLAGE OUTER LOOP A)
0.10	0.10	ONE-WAY END	N/A	N/A

ROUTE 0279JZ: TRAILER VILLAGE ROAD J

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

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.00	0.00	INTERSECTION	N/A	ROUTE 0279TZ (TRAILER VILLAGE ROAD T)
0.00	0.00	INTERSECTION	R	ROUTE 0277AZ (TRAILER VILLAGE OUTER LOOP A)
0.00	0.00	ONE-WAY START	N/A	N/A
0.00	0.00	INTERSECTION	N/A	ROUTE 0277AZ (TRAILER VILLAGE OUTER LOOP A)
0.10	0.10	INTERSECTION	L	ROUTE 0277AZ (TRAILER VILLAGE OUTER LOOP A)
0.10	0.10	INTERSECTION	R	ROUTE 0277AZ (TRAILER VILLAGE OUTER LOOP A)
0.10	0.10	ONE-WAY END	N/A	N/A

GRCA: Route Milepost Log

ROUTE 0279KZ: TRAILER VILLAGE ROAD K

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

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.00	0.00	ONE-WAY START	N/A	N/A
0.00	0.00	INTERSECTION	R	ROUTE 0277AZ (TRAILER VILLAGE OUTER LOOP A)
0.00	0.00	INTERSECTION	N/A	ROUTE 0277AZ (TRAILER VILLAGE OUTER LOOP A)
0.11	0.11	INTERSECTION	L	ROUTE 0277AZ (TRAILER VILLAGE OUTER LOOP A)
0.11	0.11	INTERSECTION	R	ROUTE 0277AZ (TRAILER VILLAGE OUTER LOOP A)
0.11	0.11	ONE-WAY END	N/A	N/A

ROUTE 0279LLZ: TRAILER VILLAGE ROAD LL

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

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.00	0.00	INTERSECTION	N/A	ROUTE 0277AZ (TRAILER VILLAGE OUTER LOOP A)
0.00	0.00	ONE-WAY START	N/A	N/A
0.00	0.00	INTERSECTION	R	ROUTE 0277AZ (TRAILER VILLAGE OUTER LOOP A)
0.10	0.10	INTERSECTION	L	ROUTE 0277BZ (TRAILER VILLAGE OUTER LOOP B)
0.10	0.10	INTERSECTION	R	ROUTE 0277BZ (TRAILER VILLAGE OUTER LOOP B)
0.10	0.10	ONE-WAY END	N/A	N/A

GRCA: Route Milepost Log

ROUTE 0279MZ: TRAILER VILLAGE ROAD M

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

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.00	0.00	INTERSECTION	N/A	ROUTE 0277AZ (TRAILER VILLAGE OUTER LOOP A)
0.00	0.00	INTERSECTION	R	ROUTE 0277AZ (TRAILER VILLAGE OUTER LOOP A)
0.00	0.00	ONE-WAY START	N/A	N/A
0.12	0.12	INTERSECTION	R	ROUTE 0277BZ (TRAILER VILLAGE OUTER LOOP B)
0.12	0.12	INTERSECTION	N/A	ROUTE 0277BZ (TRAILER VILLAGE OUTER LOOP B)
0.12	0.12	ONE-WAY END	N/A	N/A

ROUTE 0279NZ: TRAILER VILLAGE ROAD N

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

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.00	0.00	INTERSECTION	R	ROUTE 0277AZ (TRAILER VILLAGE OUTER LOOP A)
0.00	0.00	ONE-WAY START	N/A	N/A
0.00	0.00	INTERSECTION	N/A	ROUTE 0277AZ (TRAILER VILLAGE OUTER LOOP A)
0.13	0.13	INTERSECTION	N/A	ROUTE 0277BZ (TRAILER VILLAGE OUTER LOOP B)
0.13	0.13	ONE-WAY END	N/A	N/A
0.13	0.13	INTERSECTION	R	ROUTE 0277BZ (TRAILER VILLAGE OUTER LOOP B)

GRCA: Route Milepost Log

ROUTE 0279OZ: TRAILER VILLAGE ROAD O

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

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.00	0.00	ONE-WAY START	N/A	N/A
0.00	0.00	INTERSECTION	N/A	ROUTE 0279EZ (TRAILER VILLAGE ROAD E)
0.00	0.00	INTERSECTION	N/A	ROUTE 0277AZ (TRAILER VILLAGE OUTER LOOP A)
0.00	0.00	INTERSECTION	R	ROUTE 0277AZ (TRAILER VILLAGE OUTER LOOP A)
0.14	0.14	INTERSECTION	N/A	ROUTE 0277BZ (TRAILER VILLAGE OUTER LOOP B)
0.14	0.14	INTERSECTION	R	ROUTE 0277BZ (TRAILER VILLAGE OUTER LOOP B)
0.14	0.14	ONE-WAY END	N/A	N/A

ROUTE 0279PZ: TRAILER VILLAGE ROAD P

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

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.00	0.00	INTERSECTION	N/A	ROUTE 0279FZ (TRAILER VILLAGE ROAD F)
0.00	0.00	INTERSECTION	N/A	ROUTE 0277AZ (TRAILER VILLAGE OUTER LOOP A)
0.00	0.00	ONE-WAY START	N/A	N/A
0.00	0.00	INTERSECTION	R	ROUTE 0277AZ (TRAILER VILLAGE OUTER LOOP A)
0.14	0.14	ONE-WAY END	N/A	N/A
0.14	0.14	INTERSECTION	R	ROUTE 0277BZ (TRAILER VILLAGE OUTER LOOP B)
0.14	0.14	INTERSECTION	N/A	ROUTE 0277BZ (TRAILER VILLAGE OUTER LOOP B)

GRCA: Route Milepost Log

ROUTE 0279RZ: TRAILER VILLAGE ROAD R

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

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.00	0.00	INTERSECTION	N/A	ROUTE 0277AZ (TRAILER VILLAGE OUTER LOOP A)
0.00	0.00	INTERSECTION	R	ROUTE 0277AZ (TRAILER VILLAGE OUTER LOOP A)
0.00	0.00	INTERSECTION	N/A	ROUTE 0279HZ (TRAILER VILLAGE ROAD H)
0.00	0.00	ONE-WAY START	N/A	N/A
0.13	0.13	INTERSECTION	N/A	ROUTE 0277BZ (TRAILER VILLAGE OUTER LOOP B)
0.13	0.13	INTERSECTION	R	ROUTE 0277BZ (TRAILER VILLAGE OUTER LOOP B)
0.13	0.13	ONE-WAY END	N/A	N/A

ROUTE 0279SZ: TRAILER VILLAGE ROAD S

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

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.00	0.00	ONE-WAY START	N/A	N/A
0.00	0.00	INTERSECTION	N/A	ROUTE 0277AZ (TRAILER VILLAGE OUTER LOOP A)
0.00	0.00	INTERSECTION	N/A	ROUTE 0279IZ (TRAILER VILLAGE ROAD I)
0.00	0.00	INTERSECTION	R	ROUTE 0277AZ (TRAILER VILLAGE OUTER LOOP A)
0.12	0.12	INTERSECTION	N/A	ROUTE 0277BZ (TRAILER VILLAGE OUTER LOOP B)
0.12	0.12	INTERSECTION	R	ROUTE 0277BZ (TRAILER VILLAGE OUTER LOOP B)
0.12	0.12	ONE-WAY END	N/A	N/A

GRCA: Route Milepost Log

ROUTE 0279TZ: TRAILER VILLAGE ROAD T

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

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.00	0.00	ONE-WAY START	N/A	N/A
0.00	0.00	INTERSECTION	R	ROUTE 0277AZ (TRAILER VILLAGE OUTER LOOP A)
0.00	0.00	INTERSECTION	N/A	ROUTE 0277AZ (TRAILER VILLAGE OUTER LOOP A)
0.00	0.00	INTERSECTION	N/A	ROUTE 0279JZ (TRAILER VILLAGE ROAD J)
0.12	0.12	INTERSECTION	R	ROUTE 0277BZ (TRAILER VILLAGE OUTER LOOP B)
0.12	0.12	INTERSECTION	N/A	ROUTE 0277BZ (TRAILER VILLAGE OUTER LOOP B)
0.12	0.12	ONE-WAY END	N/A	N/A

ROUTE 0287: MASWICK LAUNDRY ROAD

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

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.00	0.00	INTERSECTION	L	ROUTE 0160 (ROWE WELL ROAD)
0.00	0.00	INTERSECTION	R	ROUTE 0160 (ROWE WELL ROAD)
0.04	0.04	RAILROAD CROSSING	N/A	N/A
0.23	0.23	INTERSECTION	R	ROUTE 0938 (CONCESSIONS LAUNDRY PARKING)
0.25	0.25	INTERSECTION	R	ROUTE 0938 (CONCESSIONS LAUNDRY PARKING)
0.27	0.27	INTERSECTION	L	UNPAVED ROUTE
0.29	0.29	INTERSECTION	N/A	ROUTE 0908EZ (MASWICK STANDARD PARKING E)

GRCA: Route Milepost Log

ROUTE 0288: CLINIC ACCESS ROAD

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

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.00	0.00	INTERSECTION	L	ROUTE 0016 (CENTER ROAD)
0.00	0.00	INTERSECTION	R	ROUTE 0016 (CENTER ROAD)
0.00	0.00	INTERSECTION	N/A	UNPAVED ROUTE (GATED)
0.12	0.12	INTERSECTION	R	ROUTE 0440 (RANDY THOMPSON CIRCLE)
0.20	0.20	INTERSECTION	R	ROUTE 0451 (HAVASUPAI ROAD)
0.24	0.24	INTERSECTION	R	ROUTE 0937AZ (CLINIC EMS PARKING A)
0.26	0.26	INTERSECTION	R	ROUTE 0937AZ (CLINIC EMS PARKING A)
0.27	0.27	INTERSECTION	L	ROUTE 0937BZ (PRIVATE RESIDENCE AND CLINIC PARKING)
0.29	0.29	INTERSECTION	R	ROUTE 0937CZ (AMBULANCE PARKING)
0.31	0.31	INTERSECTION	R	ROUTE 0937CZ (AMBULANCE PARKING)
0.32	0.32	INTERSECTION	L	ROUTE 0937BZ (PRIVATE RESIDENCE AND CLINIC PARKING)
0.32	0.32	INTERSECTION	L	ROUTE 0937DZ (CLINIC EMS PARKING D)
0.36	0.36	INTERSECTION	L	ROUTE 0937DZ (CLINIC EMS PARKING D)
0.37	0.37	INTERSECTION	R	ROUTE 0937EZ (CLINIC EMS PARKING E)
0.41	0.41	INTERSECTION	R	ROUTE 0016 (CENTER ROAD)
0.41	0.41	INTERSECTION	L	ROUTE 0016 (CENTER ROAD)

ROUTE 0301: RAILROAD TRACK ACCESS ROAD

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

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.00	0.00	INTERSECTION	L	ROUTE 0500 (VILLAGE LOOP DRIVE)
0.00	0.00	INTERSECTION	R	ROUTE 0500 (VILLAGE LOOP DRIVE)
0.00	0.00	ONE-WAY START	N/A	N/A
0.13	0.13	INTERSECTION	R	ROUTE 1062 (BUS LOADING/ PARKING AREA)
0.23	0.23	INTERSECTION	L	ROUTE 0501 (VILLAGE LOOP BYPASS)
0.23	0.23	INTERSECTION	R	ROUTE 0501 (VILLAGE LOOP BYPASS)
0.23	0.23	ONE-WAY END	N/A	N/A

GRCA: Route Milepost Log

ROUTE 0402: SERVICE ROAD TO SUPAI CAMP

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

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.00	0.00	INTERSECTION	R	ROUTE 0160 (ROWE WELL ROAD) UNPAVED SECTION
0.00	0.00	INTERSECTION	L	ROUTE 0160 (ROWE WELL ROAD)
0.24	0.24	INTERSECTION	L	ROUTE 0160 (ROWE WELL ROAD) UNPAVED SECTION
0.24	0.24	INTERSECTION	R	ROUTE 0160 (ROWE WELL ROAD) UNPAVED SECTION

ROUTE 0403: TONTO STREET

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

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.00	0.00	INTERSECTION	R	ROUTE 0016 (CENTER ROAD)
0.00	0.00	INTERSECTION	N/A	ROUTE 0413 (APACHE STREET)
0.00	0.00	INTERSECTION	L	ROUTE 0016 (CENTER ROAD)
0.04	0.04	INTERSECTION	R	ROUTE 0431 (JUNIPER HILL) SPUR
0.06	0.06	INTERSECTION	R	ROUTE 0431 (JUNIPER HILL)
0.08	0.08	INTERSECTION	L	ROUTE 0933 (GRAND CANYON ASSOCIATION PARKING)
0.09	0.09	INTERSECTION	L	ROUTE 0933 (GRAND CANYON ASSOCIATION PARKING)
0.15	0.15	INTERSECTION	L	ROUTE 0432 (NAVAJO STREET)
0.15	0.15	INTERSECTION	R	ROUTE 0432 (NAVAJO STREET)

GRCA: Route Milepost Log

ROUTE 0404: AUTO SHOP ROAD

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

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.00	0.00	INTERSECTION	L	ROUTE 0014 (NORTH ENTRANCE ROAD (HWY 67))
0.00	0.00	INTERSECTION	R	ROUTE 0014 (NORTH ENTRANCE ROAD (HWY 67))
0.13	0.13	ONE-WAY START	N/A	N/A
0.13	0.13	INTERSECTION	L	ROUTE 0404 (AUTO SHOP ROAD)
0.15	0.15	INTERSECTION	R	ROUTE 0448AZ (EMPLOYEE DINING ROOM / MULE CONCESSIONAIRE ROAD)
0.18	0.18	INTERSECTION	R	ROUTE 0404 (AUTO SHOP ROAD)
0.18	0.18	ONE-WAY END	N/A	N/A
0.18	0.18	INTERSECTION	L	ROUTE 0404 (AUTO SHOP ROAD)

ROUTE 0405: ADMIN LOOP

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

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.00	0.00	INTERSECTION	L	ROUTE 0014 (NORTH ENTRANCE ROAD (HWY 67))
0.00	0.00	INTERSECTION	R	ROUTE 0014 (NORTH ENTRANCE ROAD (HWY 67))
0.00	0.00	INTERSECTION	N/A	ROUTE 1052 (EMS PARKING)
0.08	0.08	INTERSECTION	L	ROUTE 0405 (ADMIN LOOP)
0.09	0.09	INTERSECTION	R	UNPAVED PARKING (CAPE FINAL TRAIL)
0.15	0.15	INTERSECTION	R	ROUTE 0450 (WASTEWATER PLANT / HELIPAD ROAD)
0.16	0.16	INTERSECTION	L	ROUTE 1017 (RESIDENCE PARKING AREA)
0.24	0.24	INTERSECTION	R	ROUTE 0449 (NORTH RIM RESIDENCE LOOP)
0.24	0.24	INTERSECTION	R	ROUTE 0976 (NORTH RIM ADMINISTRATIVE BUILDING PARKING)
0.24	0.24	INTERSECTION	L	ROUTE 1013 (BUNKHOUSE PARKING)
0.28	0.28	INTERSECTION	L	ROUTE 0405 (ADMIN LOOP)
0.28	0.28	INTERSECTION	R	ROUTE 0405 (ADMIN LOOP)

GRCA: Route Milepost Log

ROUTE 0408: COCONINO ROAD

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

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.00	0.00	INTERSECTION	N/A	ROUTE 0500 (VILLAGE LOOP DRIVE)
0.00	0.00	INTERSECTION	R	ROUTE 0426 (MASWICK TRANSPORTATION CENTER ROAD)
0.00	0.00	INTERSECTION	L	ROUTE 0500 (VILLAGE LOOP DRIVE)
0.03	0.03	INTERSECTION	L	ROUTE 0413 (APACHE STREET)
0.03	0.03	INTERSECTION	R	ROUTE 0414 (APACHE WEST)
0.07	0.07	INTERSECTION	L	ROUTE 0411 (BOULDER ALLEY)
0.08	0.08	INTERSECTION	L	ROUTE 0409 (BOULDER STREET)
0.10	0.10	INTERSECTION	R	ROUTE 0986 (BOULDER WEST PARKING)
0.13	0.13	INTERSECTION	R	ROUTE 0987 (LOOP STREET PARKING)
0.28	0.28	INTERSECTION	L	ROUTE 0601 (ALBRIGHT AVENUE)
0.28	0.28	INTERSECTION	R	ROUTE 0601 (ALBRIGHT AVENUE)
0.28	0.28	INTERSECTION	N/A	ROUTE 0928 (COCONINO SCHOOL PARKING)

ROUTE 0409: BOULDER STREET

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

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.00	0.00	INTERSECTION	L	ROUTE 0408 (COCONINO ROAD)
0.00	0.00	INTERSECTION	R	ROUTE 0408 (COCONINO ROAD)
0.11	0.11	INTERSECTION	R	ROUTE 0601 (ALBRIGHT AVENUE)
0.11	0.11	ONE-WAY START	N/A	N/A
0.16	0.16	INTERSECTION	R	ROUTE 0926 (SCHOOL PARKING WEST)
0.17	0.17	INTERSECTION	L	ROUTE 0927 (BOULDER STREET RESIDENCE PARKING)
0.22	0.22	INTERSECTION	R	ROUTE 1021 (BUS LOADING PARKING)
0.25	0.25	INTERSECTION	L	ROUTE 0411 (BOULDER ALLEY)
0.28	0.28	INTERSECTION	L	ROUTE 0016 (CENTER ROAD)
0.28	0.28	INTERSECTION	R	ROUTE 0016 (CENTER ROAD)
0.28	0.28	ONE-WAY END	N/A	N/A

GRCA: Route Milepost Log

ROUTE 0411: BOULDER ALLEY

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

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.00	0.00	INTERSECTION	R	ROUTE 0408 (COCONINO ROAD)
0.00	0.00	INTERSECTION	L	ROUTE 0408 (COCONINO ROAD)
0.24	0.24	INTERSECTION	L	ROUTE 0409 (BOULDER STREET)
0.24	0.24	INTERSECTION	N/A	ROUTE 0409 (BOULDER STREET)

ROUTE 0413: APACHE STREET

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

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.00	0.00	INTERSECTION	N/A	ROUTE 0403 (TONTO STREET)
0.00	0.00	ONE-WAY START	N/A	N/A
0.00	0.00	INTERSECTION	R	ROUTE 0016 (CENTER ROAD)
0.00	0.00	INTERSECTION	L	ROUTE 0016 (CENTER ROAD)
0.07	0.07	INTERSECTION	R	ROUTE 0415 (APACHE ALLEY)
0.23	0.23	INTERSECTION	N/A	ROUTE 0414 (APACHE WEST)
0.23	0.23	INTERSECTION	L	ROUTE 0408 (COCONINO ROAD)
0.23	0.23	ONE-WAY END	N/A	N/A
0.23	0.23	INTERSECTION	R	ROUTE 0408 (COCONINO ROAD)

GRCA: Route Milepost Log

ROUTE 0414: APACHE WEST

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

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.00	0.00	INTERSECTION	L	ROUTE 0408 (COCONINO ROAD)
0.00	0.00	INTERSECTION	R	ROUTE 0408 (COCONINO ROAD)
0.00	0.00	INTERSECTION	N/A	ROUTE 0413 (APACHE STREET)
0.05	0.05	INTERSECTION	L	ROUTE 0983GZ (APACHE WEST PARKING G)
0.07	0.07	INTERSECTION	R	ROUTE 0983EZ (APACHE WEST PARKING E)
0.08	0.08	INTERSECTION	L	ROUTE 0983FZ (APACHE WEST PARKING F)
0.08	0.08	INTERSECTION	R	ROUTE 0983DZ (APACHE WEST PARKING D)
0.11	0.11	INTERSECTION	R	ROUTE 0983CZ (APACHE WEST PARKING C)
0.11	0.11	INTERSECTION	L	ROUTE 0983BZ (APACHE WEST PARKING B)
0.12	0.12	INTERSECTION	R	ROUTE 0983AZ (APACHE WEST PARKING A)
0.14	0.14	INTERSECTION	N/A	ROUTE 0414 (APACHE WEST) UNPAVED SECTION

ROUTE 0415: APACHE ALLEY

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

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.00	0.00	INTERSECTION	N/A	ROUTE 0413 (APACHE STREET)
0.00	0.00	INTERSECTION	R	ROUTE 0413 (APACHE STREET)
0.14	0.14	INTERSECTION	L	PAVED CUT-THRU
0.16	0.16	INTERSECTION	R	ROUTE 0500 (VILLAGE LOOP DRIVE)
0.16	0.16	INTERSECTION	L	ROUTE 0500 (VILLAGE LOOP DRIVE)

GRCA: Route Milepost Log

ROUTE 0416: MUAV COURT

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

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.00	0.00	INTERSECTION	L	ROUTE 0601 (ALBRIGHT AVENUE)
0.00	0.00	INTERSECTION	R	ROUTE 0601 (ALBRIGHT AVENUE)
0.02	0.02	INTERSECTION	L	ROUTE 0417 (HUALAPAI ROAD)
0.05	0.05	INTERSECTION	R	ROUTE 1010AZ (MUAV COURT PARKING A)
0.05	0.05	INTERSECTION	L	ROUTE 1010BZ (MUAV COURT PARKING B)
0.07	0.07	INTERSECTION	R	ROUTE 1010CZ (MUAV COURT PARKING C)
0.08	0.08	INTERSECTION	L	ROUTE 1010DZ (MUAV COURT PARKING D)
0.10	0.10	INTERSECTION	L	ROUTE 1010EZ (MUAV COURT PARKING E)
0.13	0.13	INTERSECTION	L	ROUTE 1010FZ (MUAV COURT PARKING F)
0.13	0.13	INTERSECTION	R	ROUTE 1010GZ (MUAV COURT PARKING G)
0.14	0.14	INTERSECTION	N/A	ROUTE 1010GZ (MUAV COURT PARKING G)

ROUTE 0417: HUALAPAI ROAD

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

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.00	0.00	INTERSECTION	L	ROUTE 0416 (MUAV COURT)
0.00	0.00	INTERSECTION	R	ROUTE 0416 (MUAV COURT)
0.07	0.07	INTERSECTION	R	ROUTE 1009 (HUALAPAI COURT PARKING)
0.12	0.12	INTERSECTION	L	ROUTE 0421 (POWELL AVENUE A)
0.12	0.12	INTERSECTION	R	ROUTE 0420AZ (MATHER STREET A)
0.17	0.17	INTERSECTION	L	ROUTE 0421 (POWELL AVENUE A)
0.17	0.17	INTERSECTION	R	ROUTE 0420BZ (MATHER STREET B)
0.20	0.20	INTERSECTION	L	ROUTE 0419 (KOLB STREET)
0.20	0.20	INTERSECTION	N/A	ROUTE 0410 (PIMA STREET)

GRCA: Route Milepost Log

ROUTE 0419: KOLB STREET

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

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.00	0.00	INTERSECTION	R	ROUTE 0410 (PIMA STREET)
0.00	0.00	INTERSECTION	L	ROUTE 0410 (PIMA STREET)
0.01	0.01	INTERSECTION	L	ROUTE 1008AZ (KOLB ROAD PARKING A)
0.01	0.01	INTERSECTION	R	ROUTE 1008BZ (KOLB ROAD PARKING B)
0.04	0.04	INTERSECTION	L	ROUTE 0410 (PIMA STREET)
0.04	0.04	INTERSECTION	R	ROUTE 0417 (HUALAPAI ROAD)

ROUTE 0420AZ: MATHER STREET A

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

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.00	0.00	INTERSECTION	N/A	ROUTE 0421 (POWELL AVENUE A)
0.00	0.00	INTERSECTION	R	ROUTE 0417 (HUALAPAI ROAD)
0.00	0.00	INTERSECTION	L	ROUTE 0417 (HUALAPAI ROAD)
0.07	0.07	INTERSECTION	R	ROUTE 0420BZ (MATHER STREET B)
0.07	0.07	INTERSECTION	L	ROUTE 0420BZ (MATHER STREET B)

GRCA: Route Milepost Log

ROUTE 0420BZ: MATHER STREET B

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

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.00	0.00	INTERSECTION	R	ROUTE 0417 (HUALAPAI ROAD)
0.00	0.00	INTERSECTION	L	ROUTE 0417 (HUALAPAI ROAD)
0.02	0.02	INTERSECTION	R	ROUTE 0420AZ (MATHER STREET A)
0.03	0.03	INTERSECTION	L	ROUTE 0410 (PIMA STREET)
0.05	0.05	INTERSECTION	L	ROUTE 0420BZ (MATHER STREET B)
0.09	0.09	INTERSECTION	R	ROUTE 0410 (PIMA STREET) CUT-THRU
0.10	0.10	INTERSECTION	N/A	ROUTE 0420BZ (MATHER STREET B)
0.10	0.10	INTERSECTION	L	ROUTE 0420BZ (MATHER STREET B)

ROUTE 0421: POWELL AVENUE A

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

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.00	0.00	INTERSECTION	R	ROUTE 0417 (HUALAPAI ROAD)
0.00	0.00	INTERSECTION	N/A	ROUTE 0420AZ (MATHER STREET A)
0.00	0.00	INTERSECTION	L	ROUTE 0417 (HUALAPAI ROAD)
0.03	0.03	INTERSECTION	R	ROUTE 0443 (LIPAN STREET)
0.03	0.03	INTERSECTION	R	ROUTE 0442 (MORAN AVENUE)
0.13	0.13	INTERSECTION	R	ROUTE 0442 (MORAN AVENUE) CUT-THRU
0.23	0.23	INTERSECTION	R	ROUTE 0442 (MORAN AVENUE)
0.24	0.24	INTERSECTION	R	ROUTE 0443 (LIPAN STREET)
0.26	0.26	INTERSECTION	L	ROUTE 0417 (HUALAPAI ROAD)
0.26	0.26	INTERSECTION	N/A	ROUTE 0420BZ (MATHER STREET B)
0.26	0.26	INTERSECTION	R	ROUTE 0417 (HUALAPAI ROAD)

GRCA: Route Milepost Log

ROUTE 0422: SOUTH MOHAVE STREET

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

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.00	0.00	INTERSECTION	R	ROUTE 0601 (ALBRIGHT AVENUE)
0.00	0.00	INTERSECTION	L	ROUTE 0601 (ALBRIGHT AVENUE)
0.00	0.00	INTERSECTION	N/A	ROUTE 0995 (DAY CARE AND RECREATION CENTER PARKING)
0.04	0.04	INTERSECTION	L	ROUTE 1031 (MOHAVE RESIDENTIAL PARKING)
0.04	0.04	INTERSECTION	R	ROUTE 0423 (MOHAVE COURT)
0.08	0.08	INTERSECTION	R	ROUTE 0423 (MOHAVE COURT)
0.15	0.15	INTERSECTION	R	ROUTE 1006 (GRAND CANYON CONCESSION PARKING)
0.15	0.15	INTERSECTION	L	ROUTE 1005 (CONCESSION APARTMENT PARKING)
0.17	0.17	INTERSECTION	N/A	ROUTE 1004 (MOHAVE SOUTH STREET PARKING)

ROUTE 0423: MOHAVE COURT

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

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.00	0.00	INTERSECTION	N/A	ROUTE 1031 (MOHAVE RESIDENTIAL PARKING)
0.00	0.00	INTERSECTION	L	ROUTE 0422 (SOUTH MOHAVE STREET)
0.00	0.00	INTERSECTION	R	ROUTE 0422 (SOUTH MOHAVE STREET)
0.02	0.02	INTERSECTION	R	ROUTE 1007AZ (MOHAVE COURT PARKING A)
0.02	0.02	INTERSECTION	L	ROUTE 1007BZ (MOHAVE COURT PARKING B)
0.04	0.04	INTERSECTION	R	ROUTE 1007CZ (MOHAVE COURT PARKING C)
0.10	0.10	INTERSECTION	L	ROUTE 1007DZ (MOHAVE COURT PARKING D)
0.11	0.11	INTERSECTION	R	ROUTE 1007EZ (MOHAVE COURT PARKING E)
0.13	0.13	INTERSECTION	L	ROUTE 1007GZ (MOHAVE COURT PARKING G)
0.14	0.14	INTERSECTION	R	ROUTE 1007FZ (MOHAVE COURT PARKING F)
0.16	0.16	INTERSECTION	L	ROUTE 0422 (SOUTH MOHAVE STREET)
0.16	0.16	INTERSECTION	R	ROUTE 0422 (SOUTH MOHAVE STREET)

GRCA: Route Milepost Log

ROUTE 0426: MASWICK TRANSPORTATION CENTER ROAD

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

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.00	0.00	INTERSECTION	R	ROUTE 0500 (VILLAGE LOOP DRIVE)
0.00	0.00	INTERSECTION	L	ROUTE 0408 (COCONINO ROAD)
0.00	0.00	INTERSECTION	N/A	ROUTE 0500 (VILLAGE LOOP DRIVE)
0.11	0.11	INTERSECTION	R	ROUTE 0923 (MASWICK TRANSPORTATION CENTER PARKING)
0.17	0.17	INTERSECTION	N/A	ROUTE 0923 (MASWICK TRANSPORTATION CENTER PARKING)

ROUTE 0427: KENNELS ROAD

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

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.00	0.00	INTERSECTION	R	ROUTE 0160 (ROWE WELL ROAD)
0.00	0.00	INTERSECTION	L	ROUTE 0160 (ROWE WELL ROAD)
0.05	0.05	RAILROAD CROSSING	N/A	N/A
0.10	0.10	INTERSECTION	R	ROUTE 0939 (WASTEWATER TREATMENT AREA)
0.17	0.17	INTERSECTION	L	UNPAVED PARKING
0.17	0.17	INTERSECTION	N/A	ROUTE 0939 (WASTEWATER TREATMENT AREA)

GRCA: Route Milepost Log

ROUTE 0428: SHUTTLE BUS ROAD

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

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.00	0.00	INTERSECTION	L	ROUTE 0016 (CENTER ROAD)
0.00	0.00	INTERSECTION	R	ROUTE 0016 (CENTER ROAD)
0.17	0.17	INTERSECTION	L	UNPAVED ROUTE
0.30	0.30	INTERSECTION	L	UNPAVED PARKING (FUEL STATION)
0.33	0.33	INTERSECTION	L	UNPAVED PARKING
0.35	0.35	INTERSECTION	R	UNPAVED ROUTE (HELIBASE / GATED)
0.42	0.42	INTERSECTION	R	ROUTE 0488 (FIRE STATION ACCESS ROAD)
0.44	0.44	INTERSECTION	R	UNPAVED PARKING
0.46	0.46	INTERSECTION	R	ROUTE 0505 (WEIGH STATION)
0.52	0.52	INTERSECTION	R	ROUTE 0505 (WEIGH STATION)
0.60	0.60	INTERSECTION	N/A	ROUTE 0999 (NEW MAINTENANCE AREA)

ROUTE 0429AZ: PAIUTE CIRCLE A

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

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.00	0.00	INTERSECTION	R	ROUTE 0601 (ALBRIGHT AVENUE)
0.00	0.00	INTERSECTION	L	ROUTE 0601 (ALBRIGHT AVENUE)
0.03	0.03	INTERSECTION	L	ROUTE 0429AZ (PAIUTE CIRCLE A)
0.04	0.04	INTERSECTION	R	UNPAVED ROUTE
0.07	0.07	INTERSECTION	R	ROUTE 0989AZ (PAIUTE APARTMENTS PARKING A)
0.10	0.10	INTERSECTION	R	ROUTE 0989BZ (PAIUTE APARTMENTS PARKING B)
0.15	0.15	INTERSECTION	R	ROUTE 0989CZ (PAIUTE APARTMENTS PARKING C)
0.17	0.17	INTERSECTION	L	ROUTE 0989DZ (PAIUTE APARTMENTS PARKING D)
0.18	0.18	INTERSECTION	R	ROUTE 0989EZ (PAIUTE APARTMENTS PARKING E)
0.21	0.21	INTERSECTION	L	ROUTE 0989FZ (PAIUTE APARTMENTS PARKING F)
0.21	0.21	INTERSECTION	R	ROUTE 0429BZ (PAIUTE CIRCLE B)
0.23	0.23	INTERSECTION	R	ROUTE 0989GZ (PAIUTE APARTMENTS PARKING G)
0.24	0.24	INTERSECTION	L	ROUTE 0989HZ (PAIUTE APARTMENTS PARKING H)
0.26	0.26	INTERSECTION	R	ROUTE 0429AZ (PAIUTE CIRCLE A)
0.26	0.26	INTERSECTION	L	ROUTE 0429AZ (PAIUTE CIRCLE A)

GRCA: Route Milepost Log

ROUTE 0431: JUNIPER HILL

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

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.00	0.00	INTERSECTION	L	ROUTE 0403 (TONTO STREET)
0.00	0.00	INTERSECTION	R	ROUTE 0403 (TONTO STREET)
0.02	0.02	INTERSECTION	R	ROUTE 0431 (JUNIPER HILL) SPUR
0.05	0.05	INTERSECTION	R	ROUTE 0934AZ (STABLE PARKING AREA A)
0.07	0.07	INTERSECTION	R	ROUTE 0435 (SUNSET DRIVE)
0.08	0.08	INTERSECTION	R	ROUTE 0934BZ (STABLE PARKING AREA B)
0.10	0.10	INTERSECTION	R	UNPAVED PARKING
0.10	0.10	INTERSECTION	L	ROUTE 0432 (NAVAJO STREET)
0.27	0.27	INTERSECTION	L	ROUTE 0435 (SUNSET DRIVE)
0.27	0.27	INTERSECTION	R	ROUTE 0435 (SUNSET DRIVE)

ROUTE 0432: NAVAJO STREET

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

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.00	0.00	INTERSECTION	L	ROUTE 0500 (VILLAGE LOOP DRIVE)
0.00	0.00	INTERSECTION	R	ROUTE 0500 (VILLAGE LOOP DRIVE)
0.03	0.03	INTERSECTION	L	ROUTE 0925 (GENERAL OFFICES PARKING)
0.04	0.04	INTERSECTION	L	ROUTE 0445AZ (NAVAJO RESIDENCE ROAD A)
0.12	0.12	INTERSECTION	R	ROUTE 0403 (TONTO STREET)
0.13	0.13	INTERSECTION	L	ROUTE 0444 (KAIBAB STREET)
0.17	0.17	INTERSECTION	N/A	UNPAVED PARKING
0.17	0.17	INTERSECTION	R	ROUTE 0431 (JUNIPER HILL)
0.17	0.17	INTERSECTION	L	ROUTE 0431 (JUNIPER HILL)

GRCA: Route Milepost Log

ROUTE 0433: TAPEATS CIRCLE

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

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.00	0.00	INTERSECTION	R	ROUTE 0444 (KAIBAB STREET)
0.00	0.00	INTERSECTION	L	ROUTE 0444 (KAIBAB STREET)
0.11	0.11	INTERSECTION	L	ROUTE 0444 (KAIBAB STREET)
0.11	0.11	INTERSECTION	R	ROUTE 0444 (KAIBAB STREET)

ROUTE 0434: HERMIT CIRCLE

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

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.00	0.00	INTERSECTION	R	ROUTE 0435 (SUNSET DRIVE)
0.00	0.00	INTERSECTION	L	ROUTE 0435 (SUNSET DRIVE)
0.03	0.03	INTERSECTION	R	ROUTE 1003AZ (HERMIT CIRCLE PARKING A)
0.06	0.06	INTERSECTION	R	ROUTE 1003BZ (HERMIT CIRCLE PARKING B)
0.08	0.08	INTERSECTION	L	ROUTE 0435 (SUNSET DRIVE)
0.08	0.08	INTERSECTION	R	ROUTE 0435 (SUNSET DRIVE)

GRCA: Route Milepost Log

ROUTE 0435: SUNSET DRIVE

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

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.00	0.00	INTERSECTION	R	ROUTE 0431 (JUNIPER HILL)
0.00	0.00	INTERSECTION	L	ROUTE 0431 (JUNIPER HILL)
0.02	0.02	INTERSECTION	L	ROUTE 0934BZ (STABLE PARKING AREA B)
0.02	0.02	INTERSECTION	R	UNPAVED PARKING
0.04	0.04	INTERSECTION	R	ROUTE 0934AZ (STABLE PARKING AREA A)
0.04	0.04	INTERSECTION	L	ROUTE 0934BZ (STABLE PARKING AREA B)
0.07	0.07	INTERSECTION	R	UNPAVED PARKING (SOUTH RIM HORSE CAMP PARKING)
0.07	0.07	INTERSECTION	L	UNPAVED PARKING
0.13	0.13	INTERSECTION	R	UNPAVED PARKING (SOUTH RIM HORSE CAMP PARKING)
0.14	0.14	INTERSECTION	R	UNPAVED PARKING (SOUTH RIM HORSE CAMP PARKING)
0.18	0.18	INTERSECTION	R	UNPAVED PARKING (SOUTH RIM HORSE CAMP PARKING)
0.21	0.21	INTERSECTION	L	ROUTE 0431 (JUNIPER HILL)
0.24	0.24	INTERSECTION	L	ROUTE 0434 (HERMIT CIRCLE)
0.27	0.27	INTERSECTION	L	ROUTE 0434 (HERMIT CIRCLE)
0.31	0.31	INTERSECTION	L	ROUTE 0451 (HAVASUPAI ROAD)
0.36	0.36	INTERSECTION	N/A	ROUTE 0437 (PARK CIRCLE)
0.36	0.36	INTERSECTION	R	ROUTE 0437 (PARK CIRCLE)
0.36	0.36	INTERSECTION	L	ROUTE 0437 (PARK CIRCLE)

GRCA: Route Milepost Log

ROUTE 0436AZ: BRIGHT ANGEL LOOP ROAD A

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

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.00	0.00	INTERSECTION	R	ROUTE 0500 (VILLAGE LOOP DRIVE)
0.00	0.00	INTERSECTION	L	ROUTE 0500 (VILLAGE LOOP DRIVE)
0.02	0.02	INTERSECTION	L	ROUTE 0436AZ (BRIGHT ANGEL LOOP ROAD A)
0.02	0.02	INTERSECTION	R	ROUTE 0907 (BRIGHT ANGEL LODGE PARKING)
0.04	0.04	INTERSECTION	R	ROUTE 0436CZ (BRIGHT ANGEL LOOP ROAD C)
0.05	0.05	INTERSECTION	R	ROUTE 0436CZ (BRIGHT ANGEL LOOP ROAD C)
0.06	0.06	INTERSECTION	L	ROUTE 1061AZ (BRIGHT ANGEL TRAIL HEAD PARKING A)
0.07	0.07	INTERSECTION	L	ROUTE 1061BZ (BRIGHT ANGEL TRAIL HEAD PARKING B)
0.07	0.07	INTERSECTION	R	ROUTE 1061CZ (BRIGHT ANGEL TRAIL HEAD PARKING C)
0.08	0.08	INTERSECTION	L	ROUTE 1061DZ (BRIGHT ANGEL TRAIL HEAD PARKING D)
0.09	0.09	INTERSECTION	L	ROUTE 1061EZ (BRIGHT ANGEL TRAIL HEAD PARKING E)
0.09	0.09	INTERSECTION	R	ROUTE 1061FZ (BRIGHT ANGEL TRAIL HEAD PARKING F)
0.11	0.11	INTERSECTION	L	ROUTE 1061GZ (BRIGHT ANGEL TRAIL HEAD PARKING G)
0.12	0.12	INTERSECTION	R	ROUTE 1061HZ (BRIGHT ANGEL TRAIL HEAD PARKING H)
0.14	0.14	INTERSECTION	R	ROUTE 1061IZ (BRIGHT ANGEL TRAIL HEAD PARKING I)
0.14	0.14	INTERSECTION	L	ROUTE 1061JZ (BRIGHT ANGEL TRAIL HEAD PARKING J)
0.15	0.15	INTERSECTION	R	ROUTE 1061KZ (BRIGHT ANGEL TRAIL HEAD PARKING K)
0.15	0.15	INTERSECTION	R	ROUTE 1061LZ (BRIGHT ANGEL TRAIL HEAD PARKING L)
0.15	0.15	INTERSECTION	L	ROUTE 1061MZ (BRIGHT ANGEL TRAIL HEAD PARKING M)
0.16	0.16	INTERSECTION	R	ROUTE 1061NZ (BRIGHT ANGEL TRAIL HEAD PARKING N)
0.20	0.20	INTERSECTION	R	ROUTE 0436AZ (BRIGHT ANGEL LOOP ROAD A)
0.20	0.20	INTERSECTION	L	ROUTE 0436AZ (BRIGHT ANGEL LOOP ROAD A)

ROUTE 0436CZ: BRIGHT ANGEL LOOP ROAD C

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

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.00	0.00	INTERSECTION	L	ROUTE 0436CZ (BRIGHT ANGEL LOOP ROAD C)
0.00	0.00	INTERSECTION	R	ROUTE 0436CZ (BRIGHT ANGEL LOOP ROAD C)
0.04	0.04	INTERSECTION	R	ROUTE 0436CZ (BRIGHT ANGEL LOOP ROAD C)
0.04	0.04	INTERSECTION	L	ROUTE 0436CZ (BRIGHT ANGEL LOOP ROAD C)

GRCA: Route Milepost Log

ROUTE 0437: PARK CIRCLE

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

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.00	0.00	INTERSECTION	R	ROUTE 0016 (CENTER ROAD)
0.00	0.00	INTERSECTION	L	ROUTE 0016 (CENTER ROAD)
0.05	0.05	INTERSECTION	R	ROUTE 0437 (PARK CIRCLE)
0.05	0.05	INTERSECTION	L	ROUTE 0435 (SUNSET DRIVE)
0.15	0.15	INTERSECTION	L	ROUTE 0444 (KAIBAB STREET)
0.52	0.52	INTERSECTION	N/A	ROUTE 0435 (SUNSET DRIVE)
0.52	0.52	INTERSECTION	R	ROUTE 0437 (PARK CIRCLE)
0.52	0.52	INTERSECTION	L	ROUTE 0437 (PARK CIRCLE)

ROUTE 0438: BARRY HANCE CIRCLE

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

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.00	0.00	INTERSECTION	R	ROUTE 0451 (HAVASUPAI ROAD)
0.00	0.00	INTERSECTION	L	ROUTE 0451 (HAVASUPAI ROAD)
0.05	0.05	INTERSECTION	R	ROUTE 0438 (BARRY HANCE CIRCLE)
0.28	0.28	INTERSECTION	L	ROUTE 1002 (BARRY HANCE CIRCLE PARKING)
0.45	0.45	INTERSECTION	L	ROUTE 0438 (BARRY HANCE CIRCLE)
0.45	0.45	INTERSECTION	R	ROUTE 0438 (BARRY HANCE CIRCLE)

GRCA: Route Milepost Log

ROUTE 0440: RANDY THOMPSON CIRCLE

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

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.00	0.00	INTERSECTION	L	ROUTE 0288 (CLINIC ACCESS ROAD)
0.00	0.00	INTERSECTION	R	ROUTE 0288 (CLINIC ACCESS ROAD)
0.04	0.04	INTERSECTION	L	ROUTE 0440 (RANDY THOMPSON CIRCLE)
0.11	0.11	INTERSECTION	L	ROUTE 0441 (BOB MANN STREET)
0.33	0.33	INTERSECTION	R	ROUTE 1001AZ (RANDY THOMPSON CIRCLE PARKING A)
0.36	0.36	INTERSECTION	R	ROUTE 1001BZ (RANDY THOMPSON CIRCLE PARKING B)
0.38	0.38	INTERSECTION	L	ROUTE 0441 (BOB MANN STREET)
0.40	0.40	INTERSECTION	R	ROUTE 1001CZ (RANDY THOMPSON CIRCLE PARKING C)
0.56	0.56	INTERSECTION	L	ROUTE 0440 (RANDY THOMPSON CIRCLE)
0.56	0.56	INTERSECTION	R	ROUTE 0440 (RANDY THOMPSON CIRCLE)

ROUTE 0441: BOB MANN STREET

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

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.00	0.00	INTERSECTION	R	ROUTE 0440 (RANDY THOMPSON CIRCLE)
0.00	0.00	INTERSECTION	L	ROUTE 0440 (RANDY THOMPSON CIRCLE)
0.17	0.17	INTERSECTION	R	ROUTE 0440 (RANDY THOMPSON CIRCLE)
0.17	0.17	INTERSECTION	L	ROUTE 0440 (RANDY THOMPSON CIRCLE)

GRCA: Route Milepost Log

ROUTE 0442: MORAN AVENUE

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

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.00	0.00	INTERSECTION	R	ROUTE 0421 (POWELL AVENUE A)
0.00	0.00	INTERSECTION	L	ROUTE 0443 (LIPAN STREET)
0.05	0.05	INTERSECTION	R	ROUTE 0421 (POWELL AVENUE A) CUT-THRU
0.10	0.10	INTERSECTION	L	ROUTE 0443 (LIPAN STREET)
0.10	0.10	INTERSECTION	R	ROUTE 0421 (POWELL AVENUE A)

ROUTE 0443: LIPAN STREET

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

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.00	0.00	INTERSECTION	R	ROUTE 0421 (POWELL AVENUE A)
0.00	0.00	INTERSECTION	L	ROUTE 0442 (MORAN AVENUE)
0.06	0.06	INTERSECTION	R	ROUTE 0421 (POWELL AVENUE A)
0.06	0.06	INTERSECTION	L	ROUTE 0442 (MORAN AVENUE)

GRCA: Route Milepost Log

ROUTE 0444: KAIBAB STREET

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

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.00	0.00	INTERSECTION	L	ROUTE 0432 (NAVAJO STREET)
0.00	0.00	INTERSECTION	R	ROUTE 0432 (NAVAJO STREET)
0.11	0.11	INTERSECTION	L	ROUTE 0433 (TAPEATS CIRCLE)
0.18	0.18	INTERSECTION	L	ROUTE 0433 (TAPEATS CIRCLE)
0.49	0.49	INTERSECTION	L	ROUTE 0451 (HAVASUPAI ROAD)
0.49	0.49	INTERSECTION	R	ROUTE 0451 (HAVASUPAI ROAD)
0.54	0.54	INTERSECTION	R	ROUTE 0437 (PARK CIRCLE)
0.54	0.54	INTERSECTION	L	ROUTE 0437 (PARK CIRCLE)

ROUTE 0445AZ: NAVAJO RESIDENCE ROAD A

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

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.00	0.00	INTERSECTION	R	ROUTE 0432 (NAVAJO STREET)
0.00	0.00	INTERSECTION	L	ROUTE 0432 (NAVAJO STREET)
0.05	0.05	INTERSECTION	L	ROUTE 0445BZ (NAVAJO RESIDENCE ROAD B)
0.07	0.07	INTERSECTION	N/A	DEAD END (DRIVEWAY)

ROUTE 0445BZ: NAVAJO RESIDENCE ROAD B

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

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.00	0.00	INTERSECTION	L	ROUTE 0445AZ (NAVAJO RESIDENCE ROAD A)
0.00	0.00	INTERSECTION	R	ROUTE 0445AZ (NAVAJO RESIDENCE ROAD A)
0.01	0.01	INTERSECTION	L	ROUTE 0445BZ (NAVAJO RESIDENCE ROAD B)
0.03	0.03	INTERSECTION	R	UNPAVED PARKING
0.04	0.04	INTERSECTION	N/A	ROUTE 0445BZ (NAVAJO RESIDENCE ROAD B)
0.04	0.04	INTERSECTION	L	ROUTE 0445BZ (NAVAJO RESIDENCE ROAD B)

GRCA: Route Milepost Log

ROUTE 0446: YAVAPAI LODGE ROAD

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

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.00	0.00	INTERSECTION	N/A	ROUTE 0903 (HEADQUARTERS PARKING)
0.00	0.00	INTERSECTION	L	ROUTE 0012 (SOUTH ENTRANCE ROAD)
0.00	0.00	INTERSECTION	R	ROUTE 0012 (SOUTH ENTRANCE ROAD)
0.03	0.03	INTERSECTION	R	ROUTE 0940 (BUSINESS CENTER PARKING)
0.05	0.05	INTERSECTION	R	ROUTE 0940 (BUSINESS CENTER PARKING)
0.07	0.07	INTERSECTION	R	ROUTE 0996 (YAVAPAI LODGE BUS PARKING)
0.13	0.13	INTERSECTION	R	ROUTE 1048 (YAVAPAI LODGE SERVICE ROAD/PARKING)
0.13	0.13	INTERSECTION	L	ROUTE 0942 (YAVAPAI EAST PARKING)
0.21	0.21	INTERSECTION	R	ROUTE 0943 (YAVAPAI WEST I PARKING)
0.27	0.27	INTERSECTION	L	ROUTE 0942 (YAVAPAI EAST PARKING)
0.37	0.37	INTERSECTION	L	ROUTE 0942 (YAVAPAI EAST PARKING)
0.39	0.39	INTERSECTION	R	ROUTE 0944 (YAVAPAI WEST II PARKING)
0.69	0.69	INTERSECTION	R	ROUTE 0012 (SOUTH ENTRANCE ROAD)
0.69	0.69	INTERSECTION	L	ROUTE 0012 (SOUTH ENTRANCE ROAD)
0.69	0.69	INTERSECTION	N/A	ROUTE 1054DZ (VISITOR CENTER PARKING #4)

ROUTE 0447: EAST SHUTTLE ACCESS ROAD

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

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.00	0.00	INTERSECTION	R	ROUTE 0012 (SOUTH ENTRANCE ROAD)
0.00	0.00	INTERSECTION	L	ROUTE 0012 (SOUTH ENTRANCE ROAD)
0.00	0.00	SURFACE TYPE	N/A	ASPHALT
0.10	0.10	INTERSECTION	L	ROUTE 0447 (EAST SHUTTLE ACCESS ROAD)
0.10	0.10	ONE-WAY START	N/A	N/A
0.11	0.11	SURFACE TYPE	N/A	CONCRETE
0.23	0.23	SURFACE TYPE	N/A	ASPHALT
0.25	0.25	INTERSECTION	R	ROUTE 0447 (EAST SHUTTLE ACCESS ROAD)
0.25	0.25	INTERSECTION	L	ROUTE 0447 (EAST SHUTTLE ACCESS ROAD)
0.25	0.25	ONE-WAY END	N/A	N/A

GRCA: Route Milepost Log

ROUTE 0448AZ: EMPLOYEE DINING ROOM / MULE CONCESSIONAIRE ROAD

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

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.00	0.00	INTERSECTION	L	ROUTE 0404 (AUTO SHOP ROAD)
0.00	0.00	INTERSECTION	N/A	ROUTE 0404 (AUTO SHOP ROAD)
0.03	0.03	INTERSECTION	R	ROUTE 1014AZ (CONCESSION DORM PARKING)
0.03	0.03	INTERSECTION	L	ROUTE 1014BZ (CONCESSIONAIRE CAFETERIA PARKING)
0.03	0.03	INTERSECTION	R	ROUTE 0448BZ (CONCESSIONAIRE RESIDENCE ROAD)
0.05	0.05	INTERSECTION	R	ROUTE 1014DZ (CONCESSIONAIRE DORM PARKING #1)
0.06	0.06	INTERSECTION	L	ROUTE 1014CZ (CAFETERIA EMPLOYEE PARKING)
0.08	0.08	INTERSECTION	L	ROUTE 0448DZ (DORM ACCESS ROAD)
0.12	0.12	INTERSECTION	R	ROUTE 1014EZ (CONCESSIONAIRE DORM PARKING #2)
0.14	0.14	INTERSECTION	R	ROUTE 0448BZ (CONCESSIONAIRE RESIDENCE ROAD)
0.15	0.15	INTERSECTION	L	ROUTE 0448BZ (CONCESSIONAIRE RESIDENCE ROAD)
0.16	0.16	INTERSECTION	R	ROUTE 0448CZ (RV CONCESSIONAIRE RESIDENCE ROAD)
0.19	0.19	INTERSECTION	L	ROUTE 0448DZ (DORM ACCESS ROAD)
0.20	0.20	INTERSECTION	N/A	DEAD END (MULE CONCESSIONAIRE)

ROUTE 0448BZ: CONCESSIONAIRE RESIDENCE ROAD

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

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.00	0.00	INTERSECTION	R	ROUTE 0448AZ (EMPLOYEE DINING ROOM / MULE CONCESSIONAIRE ROAD)
0.00	0.00	INTERSECTION	L	ROUTE 0448AZ (EMPLOYEE DINING ROOM / MULE CONCESSIONAIRE ROAD)
0.00	0.00	INTERSECTION	N/A	ROUTE 1014BZ (CONCESSIONAIRE CAFETERIA PARKING)
0.02	0.02	INTERSECTION	R	ROUTE 1014AZ (CONCESSION DORM PARKING)
0.04	0.04	INTERSECTION	R	ROUTE 1014FZ (CONCESSIONAIRE DORM PARKING #3)
0.06	0.06	INTERSECTION	R	ROUTE 0448CZ (RV CONCESSIONAIRE RESIDENCE ROAD)
0.12	0.12	INTERSECTION	L	ROUTE 0448AZ (EMPLOYEE DINING ROOM / MULE CONCESSIONAIRE ROAD)
0.12	0.12	INTERSECTION	R	ROUTE 0448AZ (EMPLOYEE DINING ROOM / MULE CONCESSIONAIRE ROAD)
0.17	0.17	INTERSECTION	L	ROUTE 0448DZ (DORM ACCESS ROAD)
0.17	0.17	INTERSECTION	R	ROUTE 0448DZ (DORM ACCESS ROAD)

Data Collected on 7/2016

GRCA: Route Milepost Log

ROUTE 0448CZ: RV CONCESSIONAIRE RESIDENCE ROAD

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

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.00	0.00	INTERSECTION	L	ROUTE 0448BZ (CONCESSIONAIRE RESIDENCE ROAD)
0.00	0.00	INTERSECTION	N/A	ROUTE 0448BZ (CONCESSIONAIRE RESIDENCE ROAD)
0.10	0.10	INTERSECTION	L	ROUTE 0448AZ (EMPLOYEE DINING ROOM / MULE CONCESSIONAIRE ROAD)
0.10	0.10	INTERSECTION	R	ROUTE 0448AZ (EMPLOYEE DINING ROOM / MULE CONCESSIONAIRE ROAD)

ROUTE 0448DZ: DORM ACCESS ROAD

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

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.00	0.00	INTERSECTION	R	ROUTE 0448AZ (EMPLOYEE DINING ROOM / MULE CONCESSIONAIRE ROAD)
0.00	0.00	INTERSECTION	N/A	ROUTE 0448AZ (EMPLOYEE DINING ROOM / MULE CONCESSIONAIRE ROAD)
0.02	0.02	INTERSECTION	L	ROUTE 1014GZ (REAR EMPLOYEE DORM HOUSING)
0.04	0.04	INTERSECTION	L	ROUTE 1014HZ (FRONT EMPLOYEE DORM PARKING)
0.05	0.05	INTERSECTION	R	ROUTE 0448BZ (CONCESSIONAIRE RESIDENCE ROAD)
0.07	0.07	SURFACE TYPE	N/A	GRAVEL
0.07	0.07	INTERSECTION	L	UNPAVED ROUTE (SERVICE ROAD)
0.15	0.15	INTERSECTION	L	UNPAVED ROUTE (SERVICE ROAD)
0.17	0.17	INTERSECTION	R	ROUTE 0448AZ (EMPLOYEE DINING ROOM / MULE CONCESSIONAIRE ROAD)
0.17	0.17	INTERSECTION	L	ROUTE 0448AZ (EMPLOYEE DINING ROOM / MULE CONCESSIONAIRE ROAD)

GRCA: Route Milepost Log

ROUTE 0449: NORTH RIM RESIDENCE LOOP

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

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.00	0.00	INTERSECTION	L	ROUTE 0405 (ADMIN LOOP)
0.00	0.00	INTERSECTION	R	ROUTE 0450 (WASTEWATER PLANT / HELIPAD ROAD)
0.00	0.00	INTERSECTION	N/A	ROUTE 0405 (ADMIN LOOP)
0.17	0.17	INTERSECTION	R	ROUTE 0975AZ (NORTH RIM RESIDENCE PARKING A)
0.20	0.20	INTERSECTION	R	ROUTE 0975BZ (NORTH RIM RESIDENCE PARKING B)
0.21	0.21	INTERSECTION	R	ROUTE 0975CZ (NORTH RIM RESIDENCE PARKING C)
0.24	0.24	INTERSECTION	R	ROUTE 0975DZ (NORTH RIM RESIDENCE PARKING D)
0.24	0.24	INTERSECTION	R	ROUTE 0976 (NORTH RIM ADMINISTRATIVE BUILDING PARKING)
0.24	0.24	INTERSECTION	N/A	ROUTE 0405 (ADMIN LOOP)
0.24	0.24	INTERSECTION	L	ROUTE 0405 (ADMIN LOOP)

ROUTE 0450: WASTEWATER PLANT / HELIPAD ROAD

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

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.00	0.00	INTERSECTION	N/A	ROUTE 0405 (ADMIN LOOP)
0.00	0.00	INTERSECTION	R	ROUTE 0405 (ADMIN LOOP)
0.01	0.01	INTERSECTION	L	ROUTE 0449 (NORTH RIM RESIDENCE LOOP)
0.04	0.04	INTERSECTION	R	ROUTE 1012 (GENERATOR LOOP PARKING)
0.16	0.16	INTERSECTION	L	UNPAVED PARKING
0.18	0.18	INTERSECTION	L	UNPAVED PARKING
0.26	0.26	INTERSECTION	L	ROUTE 0450 (WASTEWATER PLANT / HELIPAD ROAD)
0.29	0.29	INTERSECTION	R	UNPAVED ROUTE
0.35	0.35	INTERSECTION	L	ROUTE 0450 (WASTEWATER PLANT / HELIPAD ROAD)
0.35	0.35	INTERSECTION	R	ROUTE 0450 (WASTEWATER PLANT / HELIPAD ROAD)

GRCA: Route Milepost Log

ROUTE 0451: HAVASUPAI ROAD

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

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.00	0.00	INTERSECTION	L	ROUTE 0435 (SUNSET DRIVE)
0.00	0.00	INTERSECTION	R	ROUTE 0435 (SUNSET DRIVE)
0.16	0.16	INTERSECTION	L	ROUTE 0444 (KAIBAB STREET)
0.16	0.16	INTERSECTION	R	ROUTE 0444 (KAIBAB STREET)
0.42	0.42	INTERSECTION	L	ROUTE 0438 (BARRY HANCE CIRCLE)
0.45	0.45	INTERSECTION	L	ROUTE 0439 (PONDEROSA STREET)
0.61	0.61	INTERSECTION	L	ROUTE 0288 (CLINIC ACCESS ROAD)
0.61	0.61	INTERSECTION	R	ROUTE 0288 (CLINIC ACCESS ROAD)

ROUTE 0461AZ: CEDAR MOUNTAIN ROAD

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

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.00	0.00	INTERSECTION	L	ROUTE 0171 (DESERT VIEW GAS STATION ACCESS ROAD)
0.00	0.00	INTERSECTION	R	ROUTE 0171 (DESERT VIEW GAS STATION ACCESS ROAD)
0.04	0.04	INTERSECTION	L	UNPAVED ROUTE
0.08	0.08	INTERSECTION	R	ROUTE 0492 (DESERT VIEW MAINTENANCE / RANGER STATION ROAD)
0.10	0.10	INTERSECTION	R	ROUTE 0959 (DESERT VIEW RANGER AND MAINTENANCE PARKING)
0.13	0.13	INTERSECTION	R	ROUTE 0461BZ (COLTER LANE)
0.23	0.23	INTERSECTION	R	ROUTE 1043 (PARKING FOR NPS 8-PLEX)
0.28	0.28	INTERSECTION	R	ROUTE 1043 (PARKING FOR NPS 8-PLEX)
0.30	0.30	INTERSECTION	R	ROUTE 0461BZ (COLTER LANE)
0.31	0.31	INTERSECTION	N/A	ROUTE 0499 (SERVICE ROAD TO DESERT VIEW SEWER PONDS)

GRCA: Route Milepost Log

ROUTE 0461BZ: COLTER LANE

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

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.00	0.00	INTERSECTION	R	ROUTE 0461AZ (CEDAR MOUNTAIN ROAD)
0.00	0.00	INTERSECTION	L	ROUTE 0499 (SERVICE ROAD TO DESERT VIEW SEWER PONDS)
0.03	0.03	SURFACE TYPE	N/A	GRAVEL
0.08	0.08	SURFACE TYPE	N/A	ASPHALT
0.09	0.09	INTERSECTION	L	ROUTE 0461DZ (CARDENAS COURT)
0.11	0.11	INTERSECTION	L	ROUTE 1027AZ (FOUR PLEX PARKING A)
0.12	0.12	INTERSECTION	R	ROUTE 1027BZ (FOUR PLEX PARKING B)
0.17	0.17	INTERSECTION	R	ROUTE 0461CZ (NANKOWEAP ROAD)
0.29	0.29	INTERSECTION	L	ROUTE 0492 (DESERT VIEW MAINTENANCE / RANGER STATION ROAD)
0.29	0.29	INTERSECTION	R	ROUTE 0461CZ (NANKOWEAP ROAD)
0.32	0.32	INTERSECTION	R	ROUTE 0461AZ (CEDAR MOUNTAIN ROAD)
0.32	0.32	INTERSECTION	L	ROUTE 0461AZ (CEDAR MOUNTAIN ROAD)

ROUTE 0461CZ: NANKOWEAP ROAD

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

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.00	0.00	INTERSECTION	R	ROUTE 0461BZ (COLTER LANE)
0.00	0.00	INTERSECTION	L	ROUTE 0461BZ (COLTER LANE)
0.07	0.07	INTERSECTION	L	ROUTE 1051 (DESERT VIEW PARKING)
0.11	0.11	INTERSECTION	L	ROUTE 0461BZ (COLTER LANE)
0.11	0.11	INTERSECTION	R	ROUTE 0461BZ (COLTER LANE)

GRCA: Route Milepost Log

ROUTE 0461DZ: CARDENAS COURT

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

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.00	0.00	INTERSECTION	R	ROUTE 0461BZ (COLTER LANE)
0.00	0.00	INTERSECTION	L	ROUTE 0461BZ (COLTER LANE)
0.03	0.03	INTERSECTION	N/A	DEAD END (DRIVEWAY)

ROUTE 0464: TANK C PUMPHOUSE ROAD

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

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.00	0.00	INTERSECTION	R	ROUTE 0277AZ (TRAILER VILLAGE OUTER LOOP A)
0.00	0.00	INTERSECTION	N/A	ROUTE 0277AZ (TRAILER VILLAGE OUTER LOOP A)
0.15	0.15	INTERSECTION	N/A	DEAD END (PAVED TRAIL)

ROUTE 0488: FIRE STATION ACCESS ROAD

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

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.00	0.00	INTERSECTION	R	ROUTE 0428 (SHUTTLE BUS ROAD)
0.00	0.00	INTERSECTION	L	ROUTE 0428 (SHUTTLE BUS ROAD)
0.02	0.02	INTERSECTION	R	UNPAVED PARKING
0.02	0.02	INTERSECTION	L	ROUTE 0931 (SHUTTLE BUS PARKING)
0.03	0.03	INTERSECTION	L	ROUTE 0932 (FIRE STATION PARKING)
0.05	0.05	INTERSECTION	N/A	UNPAVED PARKING

GRCA: Route Milepost Log

ROUTE 0489: INN CABIN LOOP

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

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.00	0.00	INTERSECTION	L	ROUTE 0973 (NORTH RIM CAMPGROUND GENERAL STORE PARKING)
0.00	0.00	INTERSECTION	R	ROUTE 0201 (NORTH RIM CAMPGROUND ROAD)
0.00	0.00	INTERSECTION	N/A	ROUTE 0273AZ (NORTH RIM CAMPGROUND OUTER LOOP)
0.01	0.01	INTERSECTION	L	ROUTE 0490 (CAMPGROUND STORE / CONCESSION ACCESS ROAD)
0.02	0.02	INTERSECTION	R	ROUTE 0491 (EXPOSED FRAME CABIN RESIDENCE ROAD)
0.04	0.04	INTERSECTION	R	UNPAVED ROUTE (FIRE ROAD)
0.06	0.06	INTERSECTION	L	ROUTE 0489 (INN CABIN LOOP)
0.07	0.07	INTERSECTION	R	ROUTE 0491 (EXPOSED FRAME CABIN RESIDENCE ROAD)
0.07	0.07	ONE-WAY START	N/A	N/A
0.20	0.20	INTERSECTION	L	ROUTE 0489 (INN CABIN LOOP)
0.20	0.20	INTERSECTION	R	ROUTE 0489 (INN CABIN LOOP)
0.20	0.20	ONE-WAY END	N/A	N/A

ROUTE 0490: CAMPGROUND STORE / CONCESSION ACCESS ROAD

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

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.00	0.00	INTERSECTION	L	ROUTE 0489 (INN CABIN LOOP)
0.00	0.00	INTERSECTION	R	ROUTE 0489 (INN CABIN LOOP)
0.07	0.07	INTERSECTION	N/A	ROUTE 0998 (NORTH RIM CAMPGROUND DUMP STATION)

ROUTE 0492: DESERT VIEW MAINTENANCE / RANGER STATION ROAD

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

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.00	0.00	INTERSECTION	L	ROUTE 0461BZ (COLTER LANE)
0.00	0.00	INTERSECTION	R	ROUTE 0461BZ (COLTER LANE)
0.06	0.06	INTERSECTION	R	ROUTE 0959 (DESERT VIEW RANGER AND MAINTENANCE PARKING)
0.07	0.07	INTERSECTION	R	ROUTE 0461AZ (CEDAR MOUNTAIN ROAD)
0.07	0.07	INTERSECTION	L	ROUTE 0461AZ (CEDAR MOUNTAIN ROAD)

GRCA: Route Milepost Log

ROUTE 0500: VILLAGE LOOP DRIVE

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

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.00	0.00	INTERSECTION	N/A	ROUTE 0012 (SOUTH ENTRANCE ROAD)
0.00	0.00	ONE-WAY START	N/A	N/A
0.01	0.01	INTERSECTION	L	ROUTE 0500 (VILLAGE LOOP DRIVE)
0.02	0.02	INTERSECTION	R	ROUTE 0904AZ (EL TOVAR/VERKAMPS PARKING A)
0.07	0.07	INTERSECTION	L	ROUTE 0921 (TRAIN STATION PARKING)
0.09	0.09	INTERSECTION	L	ROUTE 0921 (TRAIN STATION PARKING)
0.19	0.19	INTERSECTION	R	ROUTE 0906 (THUNDERBIRD LODGE PARKING)
0.28	0.28	INTERSECTION	R	ROUTE 0906 (THUNDERBIRD LODGE PARKING)
0.32	0.32	INTERSECTION	R	ROUTE 0907 (BRIGHT ANGEL LODGE PARKING)
0.40	0.40	INTERSECTION	R	ROUTE 0436AZ (BRIGHT ANGEL LOOP ROAD A)
0.52	0.52	INTERSECTION	R	ROUTE 0015 (HERMIT REST ROAD)
0.55	0.55	RAILROAD CROSSING	N/A	N/A
0.55	0.55	INTERSECTION	L	ROUTE 0501 (VILLAGE LOOP BYPASS)
0.58	0.58	RAILROAD CROSSING	N/A	N/A
0.67	0.67	INTERSECTION	L	ROUTE 0908AZ (MASWICK STANDARD PARKING A)
0.67	0.67	ONE-WAY END	N/A	N/A
0.70	0.70	INTERSECTION	R	ROUTE 0908BZ (MASWICK STANDARD PARKING B)
0.76	0.76	INTERSECTION	L	ROUTE 0908EZ (MASWICK STANDARD PARKING E)
0.76	0.76	INTERSECTION	R	ROUTE 0908AZ (MASWICK STANDARD PARKING A)
0.79	0.79	RAILROAD CROSSING	N/A	N/A
0.87	0.87	INTERSECTION	L	ROUTE 0909 (SERVICE PARKING AREA)
0.89	0.89	INTERSECTION	R	ROUTE 0426 (MASWICK TRANSPORTATION CENTER ROAD)
0.89	0.89	INTERSECTION	R	ROUTE 0408 (COCONINO ROAD)
0.93	0.93	INTERSECTION	R	ROUTE 0415 (APACHE ALLEY)
1.03	1.03	INTERSECTION	L	ROUTE 0909 (SERVICE PARKING AREA)
1.03	1.03	INTERSECTION	R	ROUTE 0910 (HUMAN RESOURCES PARKING)
1.07	1.07	INTERSECTION	L	ROUTE 0501 (VILLAGE LOOP BYPASS)
1.12	1.12	INTERSECTION	R	ROUTE 0016 (CENTER ROAD)

Data Collected on 7/2016

GRCA: Route Milepost Log

ROUTE 0500: VILLAGE LOOP DRIVE

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

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
1.12	1.12	INTERSECTION	L	ROUTE 0500 (VILLAGE LOOP DRIVE) OPPOSITE LANE
1.17	1.17	INTERSECTION	L	ROUTE 0500 (VILLAGE LOOP DRIVE) CUT-THRU
1.20	1.20	INTERSECTION	L	ROUTE 0500 (VILLAGE LOOP DRIVE) CUT-THRU
1.28	1.28	INTERSECTION	L	ROUTE 0500 (VILLAGE LOOP DRIVE) OPPOSITE LANE
1.28	1.28	INTERSECTION	R	ROUTE 0432 (NAVAJO STREET)
1.31	1.31	INTERSECTION	R	ROUTE 0012 (SOUTH ENTRANCE ROAD) OPPOSITE LANE
1.32	1.32	INTERSECTION	L	ROUTE 0500 (VILLAGE LOOP DRIVE)
1.32	1.32	INTERSECTION	R	ROUTE 0012 (SOUTH ENTRANCE ROAD)

ROUTE 0501: VILLAGE LOOP BYPASS

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

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.00	0.00	ONE-WAY START	N/A	N/A
0.00	0.00	INTERSECTION	L	ROUTE 0500 (VILLAGE LOOP DRIVE)
0.00	0.00	INTERSECTION	R	ROUTE 0500 (VILLAGE LOOP DRIVE)
0.14	0.14	RAILROAD CROSSING	N/A	N/A
0.16	0.16	INTERSECTION	R	ROUTE 0909 (SERVICE PARKING AREA)
0.24	0.24	INTERSECTION	L	UNPAVED PARKING
0.29	0.29	INTERSECTION	R	UNPAVED PARKING
0.30	0.30	INTERSECTION	L	ROUTE 0301 (RAILROAD TRACK ACCESS ROAD)
0.31	0.31	INTERSECTION	L	ROUTE 0500 (VILLAGE LOOP DRIVE)
0.31	0.31	INTERSECTION	R	ROUTE 0500 (VILLAGE LOOP DRIVE)
0.31	0.31	ONE-WAY END	N/A	N/A

GRCA: Route Milepost Log

ROUTE 0502: SOUTH ENTRANCE BYPASS LANE

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

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.00	0.00	INTERSECTION	R	ROUTE 0012 (SOUTH ENTRANCE ROAD)
0.00	0.00	ONE-WAY START	N/A	N/A
0.00	0.00	INTERSECTION	L	ROUTE 0012 (SOUTH ENTRANCE ROAD)
0.17	0.17	SURFACE TYPE	N/A	CONCRETE
0.20	0.20	INTERSECTION	L	ROUTE 0900 (SOUTH ENTRANCE GRAND CANYON PARKING)
0.20	0.20	SURFACE TYPE	N/A	ASPHALT
0.45	0.45	INTERSECTION	R	ROUTE 0012 (SOUTH ENTRANCE ROAD)
0.45	0.45	INTERSECTION	L	ROUTE 0012 (SOUTH ENTRANCE ROAD)
0.45	0.45	ONE-WAY END	N/A	N/A

ROUTE 0503: MATHER POINT SHUTTLE LOOP

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

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.00	0.00	INTERSECTION	L	ROUTE 0012 (SOUTH ENTRANCE ROAD)
0.00	0.00	INTERSECTION	R	ROUTE 0012 (SOUTH ENTRANCE ROAD)
0.05	0.05	INTERSECTION	L	ROUTE 0012 (SOUTH ENTRANCE ROAD)
0.05	0.05	ONE-WAY START	N/A	N/A
0.07	0.07	INTERSECTION	L	PAVED CUT-THRU
0.12	0.12	INTERSECTION	L	PAVED CUT-THRU
0.14	0.14	INTERSECTION	N/A	ROUTE 0502 (SOUTH ENTRANCE BYPASS LANE)
0.14	0.14	INTERSECTION	L	ROUTE 0502 (SOUTH ENTRANCE BYPASS LANE)
0.14	0.14	ONE-WAY END	N/A	N/A

GRCA: Route Milepost Log

ROUTE 0505: WEIGH STATION

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

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.00	0.00	INTERSECTION	R	ROUTE 0428 (SHUTTLE BUS ROAD)
0.00	0.00	INTERSECTION	L	ROUTE 0428 (SHUTTLE BUS ROAD)
0.03	0.03	SURFACE TYPE	N/A	CONCRETE
0.04	0.04	SURFACE TYPE	N/A	ASPHALT
0.07	0.07	INTERSECTION	R	ROUTE 0428 (SHUTTLE BUS ROAD)
0.07	0.07	INTERSECTION	L	ROUTE 0428 (SHUTTLE BUS ROAD)

ROUTE 0601: ALBRIGHT AVENUE

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

FROM MILEPOST	TO MILEPOST	FEATURE	SIDE	COMMENT
0.00	0.00	INTERSECTION	L	ROUTE 0409 (BOULDER STREET)
0.00	0.00	INTERSECTION	R	ROUTE 0409 (BOULDER STREET)
0.09	0.09	INTERSECTION	R	ROUTE 0408 (COCONINO ROAD)
0.10	0.10	INTERSECTION	L	ROUTE 0928 (COCONINO SCHOOL PARKING)
0.14	0.14	INTERSECTION	R	ROUTE 0416 (MUAV COURT)
0.29	0.29	INTERSECTION	R	ROUTE 0422 (SOUTH MOHAVE STREET)
0.30	0.30	INTERSECTION	L	ROUTE 0995 (DAY CARE AND RECREATION CENTER PARKING)
0.39	0.39	INTERSECTION	R	ROUTE 0429AZ (PAIUTE CIRCLE A)
0.50	0.50	INTERSECTION	R	ROUTE 0930 (CONCESSIONS OPERATION COMPLEX PARKING)
0.53	0.53	INTERSECTION	L	HOAL ROUTE 0204 (NPS ACADEMY LOOP ROAD)
0.57	0.57	INTERSECTION	R	ROUTE 0930 (CONCESSIONS OPERATION COMPLEX PARKING)
0.59	0.59	INTERSECTION	L	HOAL ROUTE 0204 (NPS ACADEMY LOOP ROAD)
0.62	0.62	INTERSECTION	L	ROUTE 0016 (CENTER ROAD)
0.62	0.62	INTERSECTION	R	ROUTE 0016 (CENTER ROAD)

Section 8 Appendix



Grand Canyon 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.

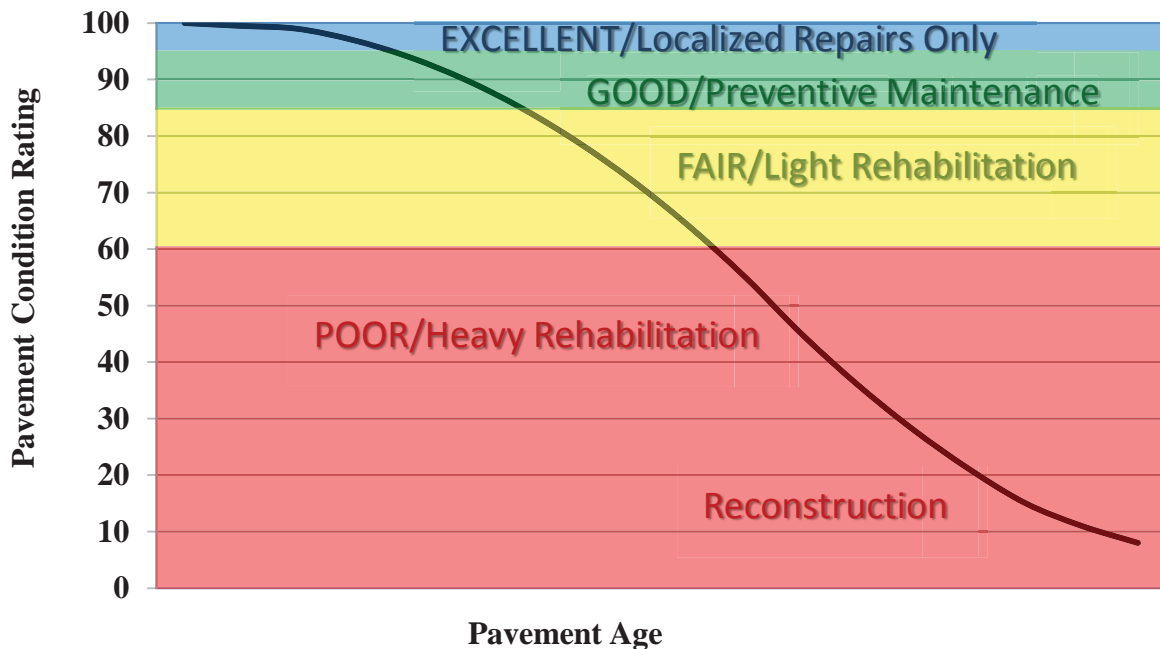
Explanation of the Condition Descriptions

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 <= 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