Form FHWA-201
(Rev. 11-67)

U.S. DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION

MINUTE-MEMO

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SUBJECT: Project MS NP NATR 3F26– Pavement Recommendations

TO	MESSAGE/COMMENT	FROM/DATE
R. Satasiya Project Manager C. Burnell Highway Design Manager	This memorandum serves to support the PS&E development for MS NATR 3F26 located in Madison County, Mississippi. This project includes the pavement preservation of the Natchez Trace Parkway mainline between MP 226.37 and MP 239.23 in addition to State Route Access Roads and parking areas. A Project Location Map is included in Appendix A. The recommendations herein are based on findings from the field assessment performed by Eastern Federal Lands Highway Division (EFLHD) engineers in July 2022 and review of the Road Inventory Program (RIP) Cycle 6 (C6) data. **BACKGROUND** This project includes preventative preservation and road widening construction on the Natchez Trace Parkway between MP 226.55 to MP 239.23 in addition to parking areas and ramps within the milepost limits. The routes included in this project in addition to the mainline are listed below. • **DA SR 8 Access Road (NATR-0145)** is a 0.16 mile, two-lane, two-way, asphalt concrete (AC) roadway • **DA Bynum Mounds Access Road (NATR-0195)** is a 0.2 mile, one-lane, one-way AC roadway • **DA Witch Dance Picnic Area Access Road (NATR-0196)** is a 0.29-mile, two-lane, two-way AC roadway • **DA Witch Dance Parking Areas (NATR-1062ZZ)** are a 18,142 square foot, series of 6 AC parking areas • **DA Bynum Mound Parking (NATR-0959)** is a 4,359 square foot, AC parking area • **DA Witch Dance Roadside Parking (NATR-0960)** is a 4,533 square foot, AC parking area • **DA Old Fossils Parking (NATR-0961)** is 7,791 square foot, AC parking area • **DA SR 32 Access Road (NATR-0146)** is a 0.16 mile, two-lane, two-way, asphalt concrete (AC) roadway Project MS NP NATR 3F24, completed in 2014 focused on resurfacing and rehabilitating pavements affected by cracking and subgrade failure between MP 204 and MP 240. This consisted primarily of a wedge and level with 2-inch AC overlay. Considerations for this project include lane widening near deteriorated edges of mainline Natchez Trace Parkway and intersection ramps, repair and overlay of parking areas experiencing cracking, and ADA ramp replacement. Road condition data was most recently collected in 2018 and 2019 for the Road Inventory Program (RIP). The following data was collected in Cycle 6. Routes included in this project were last inspected in September of 2021. A summary of Pavement Condition Ratings	K. Nguyen Pavement Engineer KENNETH NGUYEN Digitally signed by KENNETH NGUYEN Date: 2025.09.03 14:49:24 -04'00' Through: S. Islam Pavement Team Leader MD SHAHIDUL ISLAM Digitally signed by MD SHAHIDUL ISLAM Date: 2025.09.03 14:45:45 -04'00' 9/3/2025

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(PCR) and pavement conditions based on the condition survey conducted in July 2022 are included in Table 1. A summary of RIP data for C6 is included in Appendix B.

Table 1: Pavement Condition Summary

Route Name	PCR (September 2021)	Pavement Condition (July 2022)
DA Motor Road (NATR-0001E)	97	Low severity block cracking, longitudinal, and transverse cracking.
DA SR 8 Access Road (NATR-0145)	93	Low severity block cracking. Moderate severity longitudinal cracking.
DA Bynum Mounds Access Road (NATR-0195)	93	Low severity block cracking, longitudinal cracking.
DA Witch Dance Picnic Area Access Road (NATR-0196)	95	Low severity block cracking, longitudinal cracking, and transverse cracking.
DA Witch Dance Roadside Parking (NATR-0960)	90	Low severity raveling and block cracking.
DA Witch Dance Parking Areas (NATR-1062ZZ)	90	Low severity transverse cracking. Raveling.
DA Bynum Mound Parking (NATR-0959)	73	Moderate severity raveling. Low severity block cracking.
DA Old Fossils Parking (NATR-0961)	90	Raveling, low severity longitudinal cracking, and block cracking.
DA SR 32 Access Road (NATR-0146)	88	Low severity longitudinal cracking. Moderate severity transverse cracking.

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Figure 1. Start of Route at MP 225.95 – NATR-0001E

Figure 2. Longitudinal Cracking – NATR 0001E

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Figure 3. Sealant on Bridge Joint – NATR-0001E

Figure 4. Edge Cracking – NATR-0001E

Figure 5. Low Severity Transverse Cracking – NATR-0001E

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Figure 6. Erosion at Bridge Abutment – NATR-0001E

Figure 7. Moderate Severity Transverse Cracking – NATR-0001E

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Figure 8. ADA Ramp at Witch Dance parking lot – NATR-1062BZ

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PRELIMINARY PAVEMENT RECOMMENDATIONS

Based on the pavement conditions observed during the field assessment, we recommend the following pavement rehabilitation strategies. The recommendations included here reference the FP-14 "Standard Specifications for Construction of Roads and Bridges on Federal Highway Projects".

Natchez Trace Parkway Mainline

We recommend placement of a 1.375-inch AC overlay on Parkway mainline. Prior to the overlay, 1.375 inches of the existing AC will be milled eliminate the grade raise. Table 2 details the minimum requirements.

Table 2: Mill and Overlay – Natchez Trace Parkway Mainline

Layer	Minimum Thickness (in)	Comments
AC Surface (Existing)	1.375	AC Micro Milling as per Section 413
AC Surface Course	1.375	Gyratory Asphalt Concrete Pavement (GACP) 3/8" Nominal Maximum Size Aggregate (NMSA), <0.3 million ESAL, Type I-A Roughness
AC Tack Coat	---	AC Tack Coat as per Section 412

Natchez Trace Parkway Mainline Ramps and Parking Area

We recommend placement of a 1.375-inch AC overlay on the ramps and parking areas adjacent to the Natchez Trace Parkway mainline. Prior to the overlay, 1.375 inches of the existing AC will be micro milled to eliminate the grade raise. Table 3 details the minimum requirements.

Table 3: Mill and Overlay – Natchez Trace Parkway Ramps and Parking Areas

Layer	Minimum Thickness (in)	Comments
AC Surface (Existing)	1.375	AC Micro Milling as per Section 413
AC Surface Course	1.375	GACP, 3/8" NMSA, <0.3 million ESAL, Type IV Roughness
AC Tack Coat	---	AC Tack Coat as per Section 412

Natchez Trace Parkway Mainline Ramps Widening

Significant edge deterioration and lane to shoulder drop off 2 or more inches exists along stretches of the Parkway mainline. Pavement widening will be conducted along those areas to fix the deterioration and lane to shoulder drop off. Table 4 presents the minimum requirements.

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Table 4: Widening Recommendations

Layer	Minimum Thickness (in)	Comments
AC Surface Course	1.375	GACP, 3/8" NMSA, 0.3 to <0.3 million ESAL, Type I-A Roughness
AC Tack Coat	---	AC Tack Coat as per Section 412
AC Intermediate Course	3.0	Asphalt Concrete Pavement, Type I, as per Section 403
AC Tack Coat	---	AC Tack Coat as per Section 412
AC Base Course	3.0	Asphalt Concrete Pavement, Type I, as per Section 403

After the 1.375" micro milling, the existing pavements may require the following repairs prior to placing the proposed final 1.375" overlay.

- Perform **Full Depth Patch (FDP Type II)** as necessary, in areas exhibiting fatigue cracking, settlement, or potholes. Such areas should be identified by the CO. Patch areas should be performed in accordance with Section 418.

- Perform Crack Sealing and Filling at least a week prior to placing the overlay preservation treatment. Crack sealing (crack width ¼-inch to less than -inch) and filling (crack width greater than 1-inch) should be performed in accordance with Section 414. It is recommended to have as much time as possible, typically 6 to 12 months or one season per industry practice, between the crack sealing operation and a hot surface treatment application. That time will allow for the crack sealant to set into the cracks and cure under vehicular traffic. This will also prevent too much sealant under the surface treatment resulting in better performance. If crack sealing occurs prior to 6 months from the preservation treatment application, it is recommended to use a recessed configuration by applying the sealant so that it sets below the surface. This reduces the risk of the sealant melting and potentially bubbling back through the subsequent hot surface treatment applications.

At the time of the creation of this memorandum, it is our understanding that patching and asphalt wedge and leveling quantities will be marked by EFLHD construction during a later field visit. Table 5 presents the crack sealing and filling quantities.

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Table 5: Crack Sealing and Filling Quantities

Route	Crack Sealing and Filling (Linear Feet)
NATR-0001E	11,000
NATR-0145	25
NATR-0146	25
NATR-0195	25
NATR-0196	25
NATR-0960	300
NATR-0961	100
NATR-1062AZ	250
NATR-106BZ	325
NATR-1062CZ	150

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APPENDICES

Appendix A: Project Location Map

Appendix B: Cycle 6 RIP Report

cc: Highway Design BC, TS BC w/ attachments

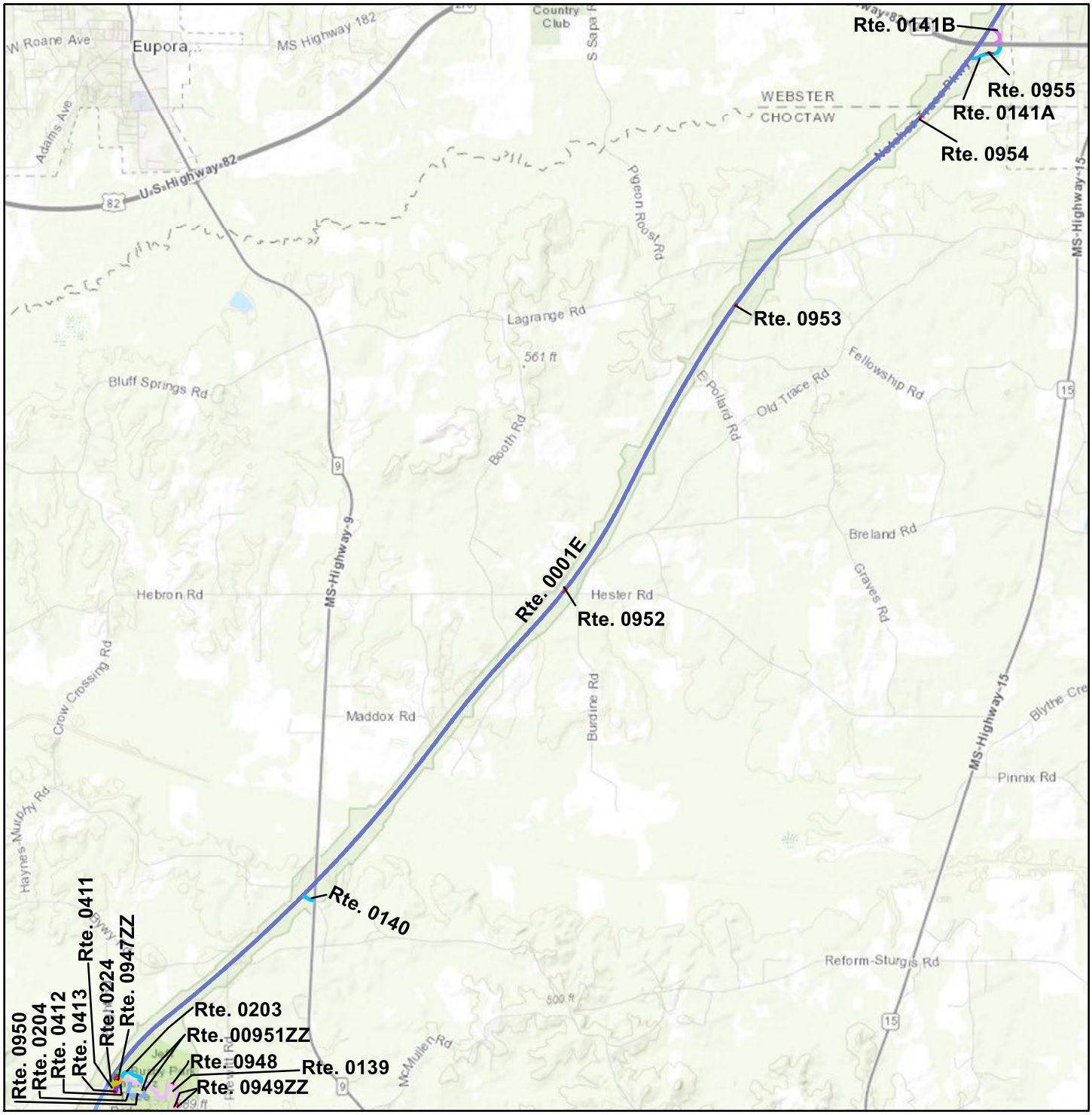
APPENDIX A

Project Location Map

Natchez Trace Parkway

ROUTE LOCATION MAP

Area Map 5A



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

Note: Unique colors are used to differentiate roads

Non-NPS Collected Routes

Miles

0 2.5 5

N

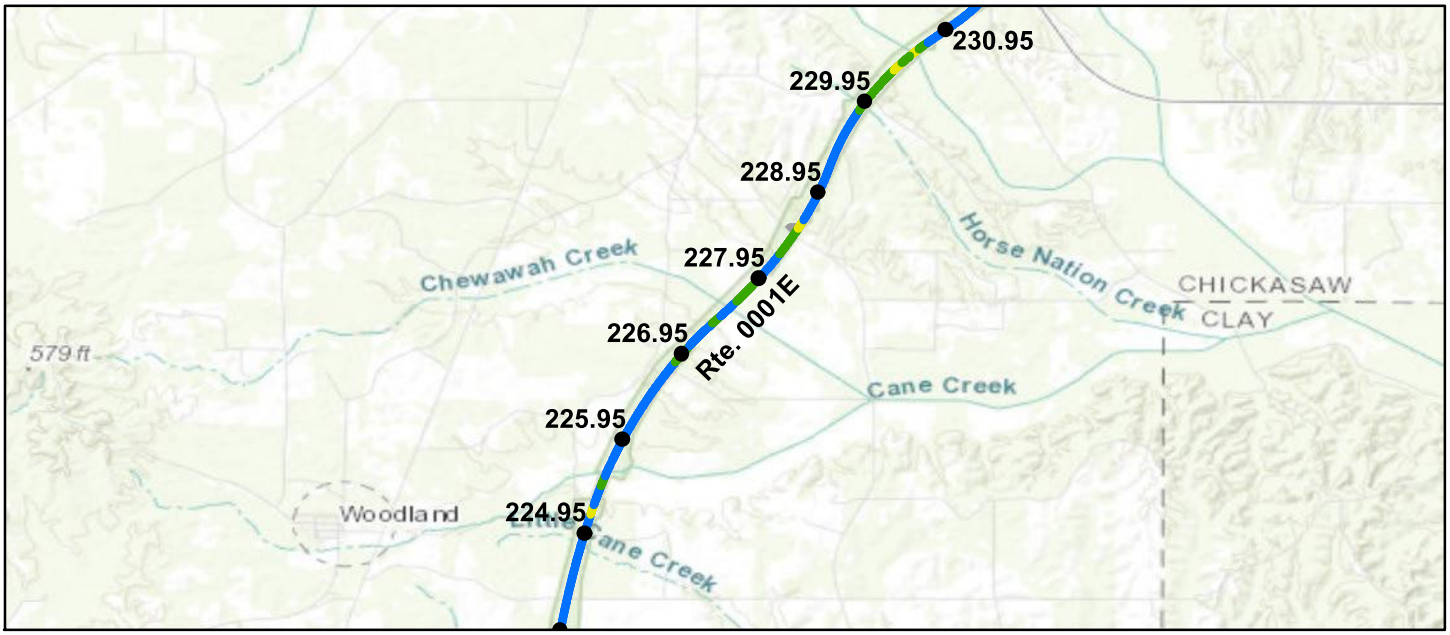
APPENDIX B

Cycle 6 RIP Route Condition Data

Natchez Trace Parkway

ROUTE 0001E: DA MOTOR ROAD

Data Collection Vehicle (DCV) Rating



Sources: Esri, HERE, Garmin, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), (c) 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

Colors on map represent condition scores at 0.10-mile intervals. See Appendix for definitions and formulas.

Inspection Date: 9/29/2020	**Beginning Section MP**	224.95	225.95	226.95	227.95	228.95
Paved Length (Miles): 46.54	**Section Length (MI)**	1	1	1	1	1
Surface Type: ASPHALT	**Route Summary**					
Roadway Condition Information						
Pavement Condition Rating (PCR)	97	95	99	96	93	97
Surface Condition Rating (SCR)	95	91	98	93	88	95
Roughness Condition Index (RCI)	100	100	100	100	100	100
Distress Index Values						
Structural Crack Index	98	91	98	96	95	97
Alligator Crack Index	100	100	100	100	100	100
Longitudinal Crack Index	98	91	98	96	95	97
Transverse Cracking Index	95	98	99	93	88	95
Patching Index	100	100	100	100	100	100
Rutting Index	100	100	100	100	100	100
International Roughness Index (IRI)	81	94	82	85	93	86
Lane & Width Information						
Number of Lanes	2	2	2	2	2	2
Paved Width (ft)	23.4	24.1	23.6	24.3	24.7	23.5
Lane Width (ft)	10.6	10.8	10.9	10.8	10.7	10.8

Natchez Trace Parkway

ROUTE 0001E: DA MOTOR ROAD

Data Collection Vehicle (DCV) Rating

Sources: Esri, HERE, Garmin, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), (c) 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

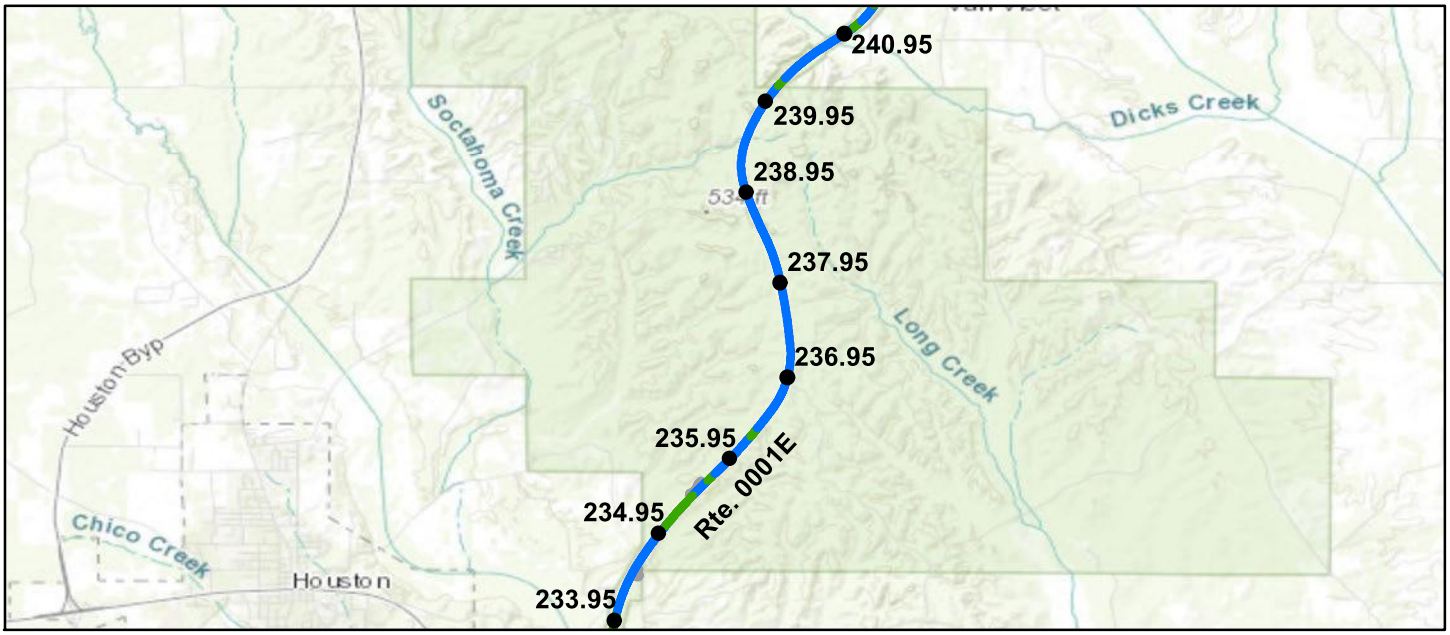
Colors on map represent condition scores at 0.10-mile intervals. See Appendix for definitions and formulas.

Inspection Date: 9/29/2020	**Beginning Section MP**	229.95	230.95	231.95	232.95	233.95
Paved Length (Miles): 46.54	**Section Length (MI)**	1	1	1	1	1
Surface Type: ASPHALT	**Route Summary**					
Roadway Condition Information						
Pavement Condition Rating (PCR)	97	90	94	98	90	97
Surface Condition Rating (SCR)	95	84	90	96	84	95
Roughness Condition Index (RCI)	100	100	100	100	100	100
Distress Index Values						
Structural Crack Index	98	84	97	98	88	95
Alligator Crack Index	100	100	100	100	100	100
Longitudinal Crack Index	98	84	97	98	88	95
Transverse Cracking Index	95	85	90	96	84	96
Patching Index	100	100	100	100	100	100
Rutting Index	100	100	100	100	99	100
International Roughness Index (IRI)	81	104	85	80	96	75
Lane & Width Information						
Number of Lanes	2	2	2	2	2	2
Paved Width (ft)	23.4	24	24.2	23.5	25.2	23.8
Lane Width (ft)	10.6	10.9	10.6	10.7	10.9	10.9

Natchez Trace Parkway

ROUTE 0001E: DA MOTOR ROAD

Data Collection Vehicle (DCV) Rating



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Route Condition Legend – Pavement Condition Rating (PCR)

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

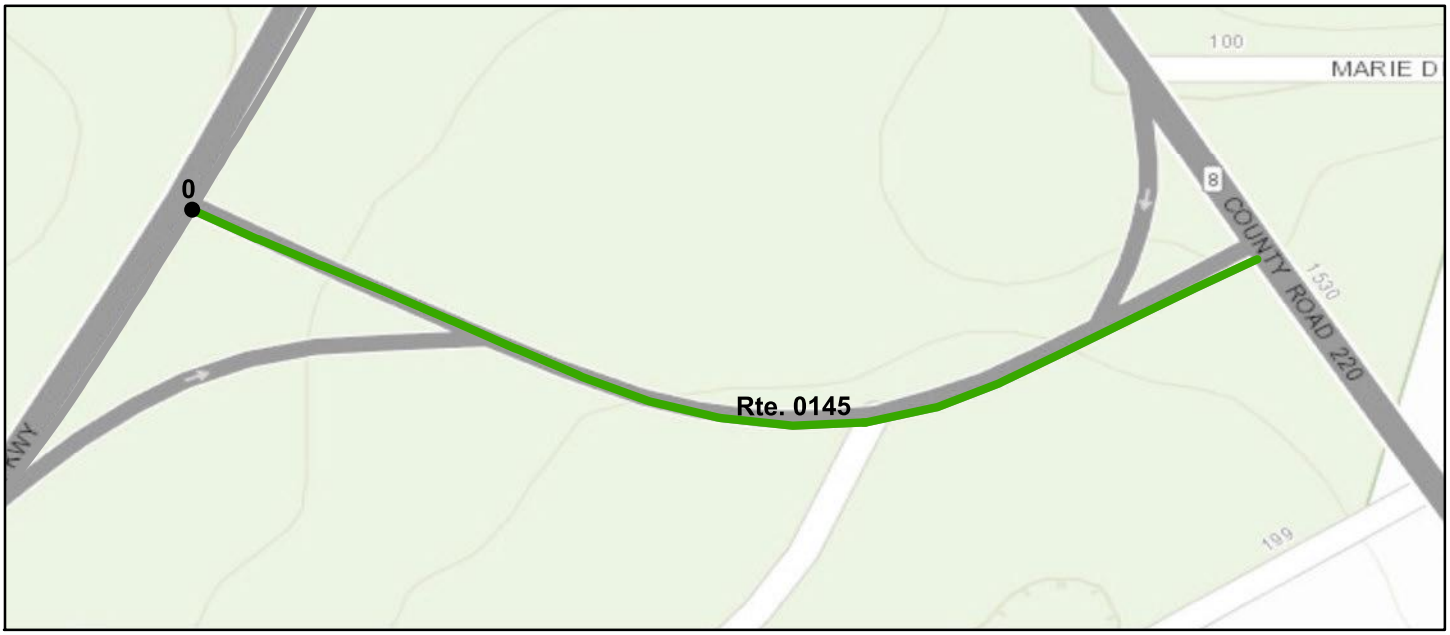
Colors on map represent condition scores at 0.10-mile intervals. See Appendix for definitions and formulas.

Inspection Date: 9/29/2020	**Beginning Section MP**	234.95	235.95	236.95	237.95	238.95
Paved Length (Miles): 46.54	**Section Length (MI)**	1	1	1	1	1
Surface Type: ASPHALT	**Route Summary**					
Roadway Condition Information						
Pavement Condition Rating (PCR)	97	95	99	98	99	99
Surface Condition Rating (SCR)	95	91	99	96	99	99
Roughness Condition Index (RCI)	100	100	100	100	100	100
Distress Index Values						
Structural Crack Index	98	91	99	96	99	99
Alligator Crack Index	100	100	100	100	100	100
Longitudinal Crack Index	98	91	99	96	99	99
Transverse Cracking Index	95	95	99	99	99	99
Patching Index	100	100	100	100	100	100
Rutting Index	100	100	100	100	100	100
International Roughness Index (IRI)	81	75	89	80	74	69
Lane & Width Information						
Number of Lanes	2	2	2	2	2	2
Paved Width (ft)	23.4	24	23.4	23.9	23.7	23.7
Lane Width (ft)	10.6	10.9	10.7	10.9	10.6	10.8

Natchez Trace Parkway

ROUTE 0145: DA SR 8 ACCESS ROAD

Data Collection Vehicle (DCV) Rating



Sources: Esri, HERE, Garmin, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), (c) 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

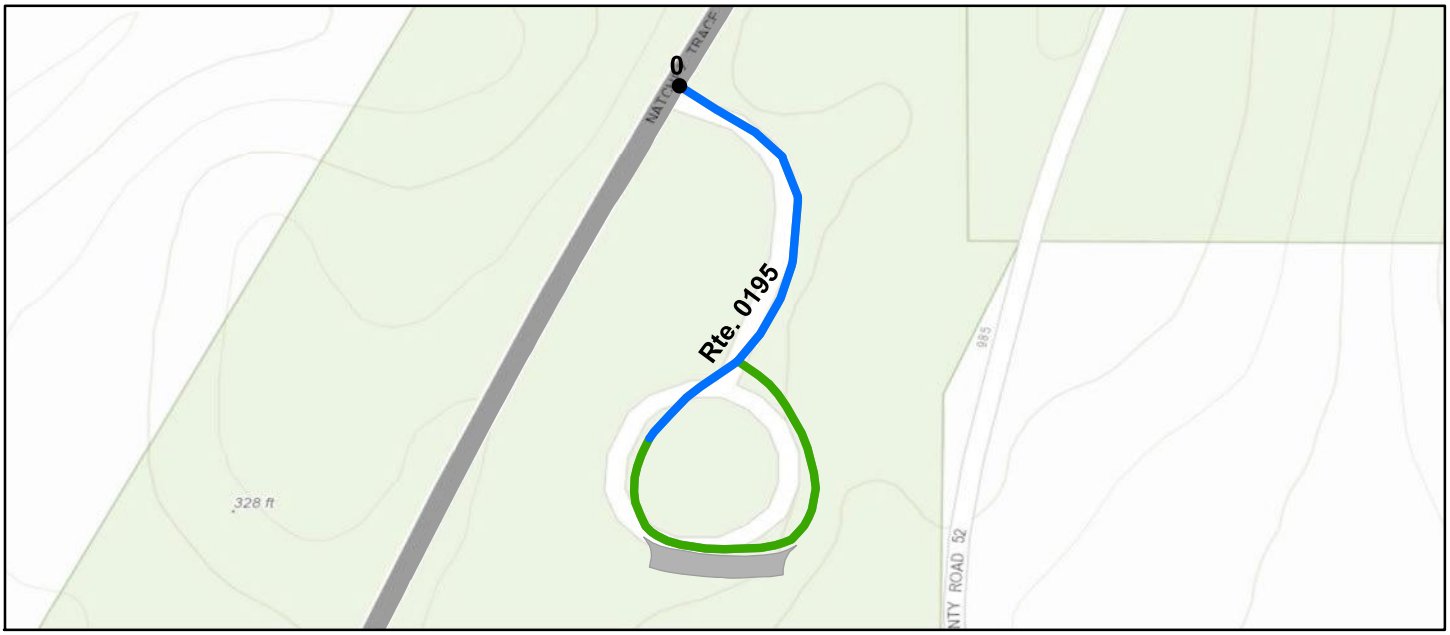
Colors on map represent condition scores at 0.10-mile intervals. See Appendix for definitions and formulas.

Inspection Date: 9/29/2020	**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)	93	93				
Surface Condition Rating (SCR)	93	93				
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	95	95				
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)	24.8	24.8				
Lane Width (ft)	11.1	11.1				

Natchez Trace Parkway

ROUTE 0195: DA BYNUM MOUNDS ACCESS ROAD

Data Collection Vehicle (DCV) Rating



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Route Condition Legend – Pavement Condition Rating (PCR)

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

Colors on map represent condition scores at 0.10-mile intervals. See Appendix for definitions and formulas.

Inspection Date: 9/29/2020	**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	93	93				
Alligator Crack Index	100	100				
Longitudinal Crack Index	93	93				
Transverse Cracking Index	98	98				
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)	18.2	18.2				
Lane Width (ft)	13.6	13.6				

Natchez Trace Parkway

ROUTE 0196: DA WITCH DANCE PICNIC AREA ACCESS ROAD

Data Collection Vehicle (DCV) Rating

Sources: Esri, HERE, Garmin, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), (c) 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

Colors on map represent condition scores at 0.10-mile intervals. See Appendix for definitions and formulas.

Inspection Date: 9/30/2020	**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)	95	95				
Surface Condition Rating (SCR)	95	95				
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	98	98				
Patching Index	100	100				
Rutting Index	98	98				
International Roughness Index (IRI)	N/A	N/A				
Lane & Width Information						
Number of Lanes	2	2				
Paved Width (ft)	17.1	17.1				
Lane Width (ft)	11.3	11.3				

Natchez Trace Parkway

ROUTE 1062ZZ: DA WITCH DANCE PARKING AREAS

Summary Route
Manual Rating

ADJACENT TO ROUTE 0196 (DA WITCH DANCE PICNIC AREA ACCESS ROAD) ON LEFT AND RIGHT SIDES

Inspection Date	FMSS Number	User Access	Surface Type
2/22/2020	114925	PUBLIC	ASPHALT
Area (Sq. Ft.)	**Lane Miles (11' Widths)**	**Condition Rating / PCR**	
18,142	0.312	SUMMARY / 90	

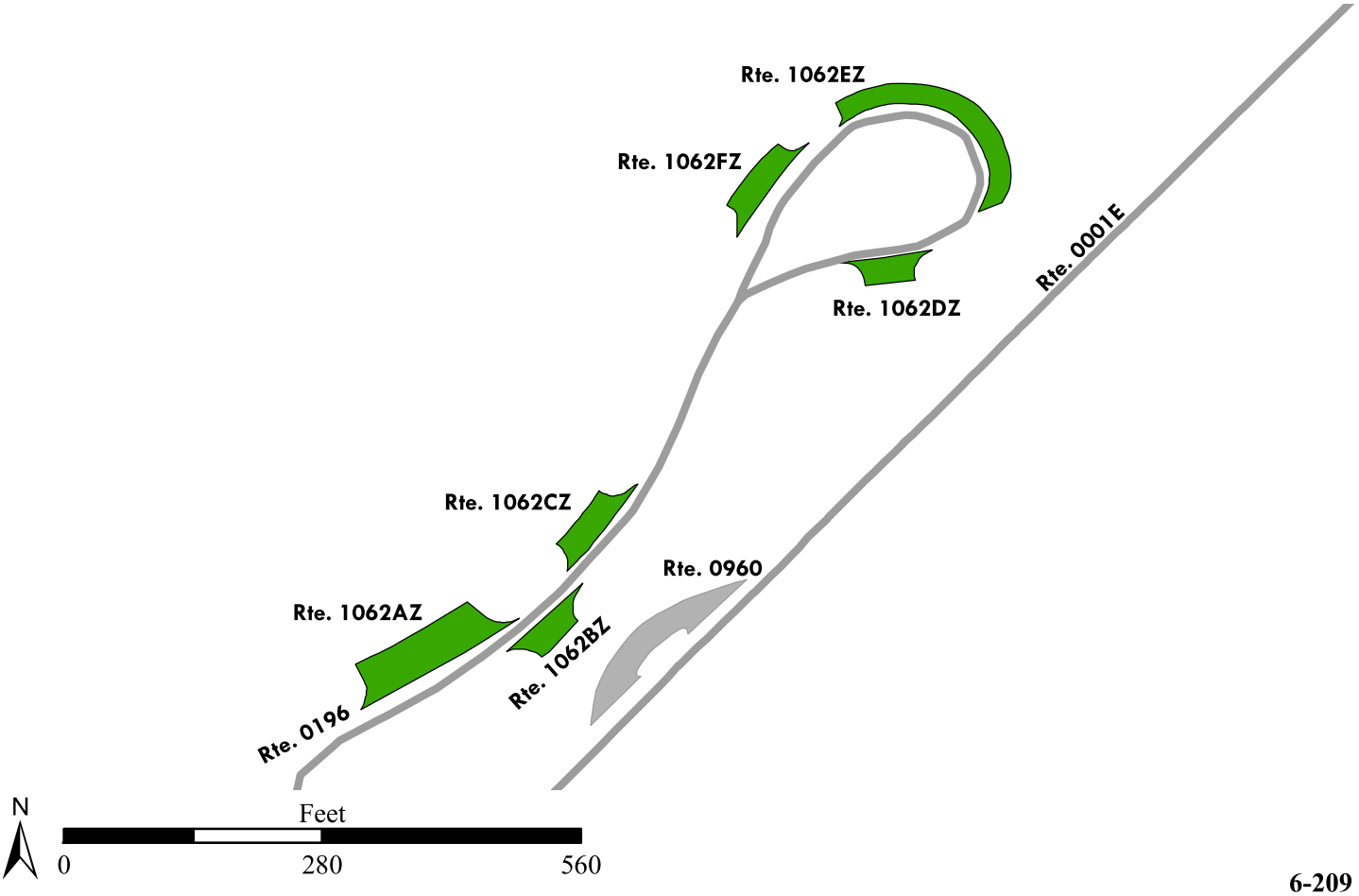
Route Condition Legend – Pavement Condition Rating (PCR)

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

See Appendix for definitions and formulas

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

Rte. 1062ZZ
(6 SUBCOMPONENTS)



Natchez Trace Parkway

ROUTE 1062AZ: DA WITCH DANCE HORSE TRAILER PARKING

Subcomponent of Route NATR-1062ZZ
Manual Rating

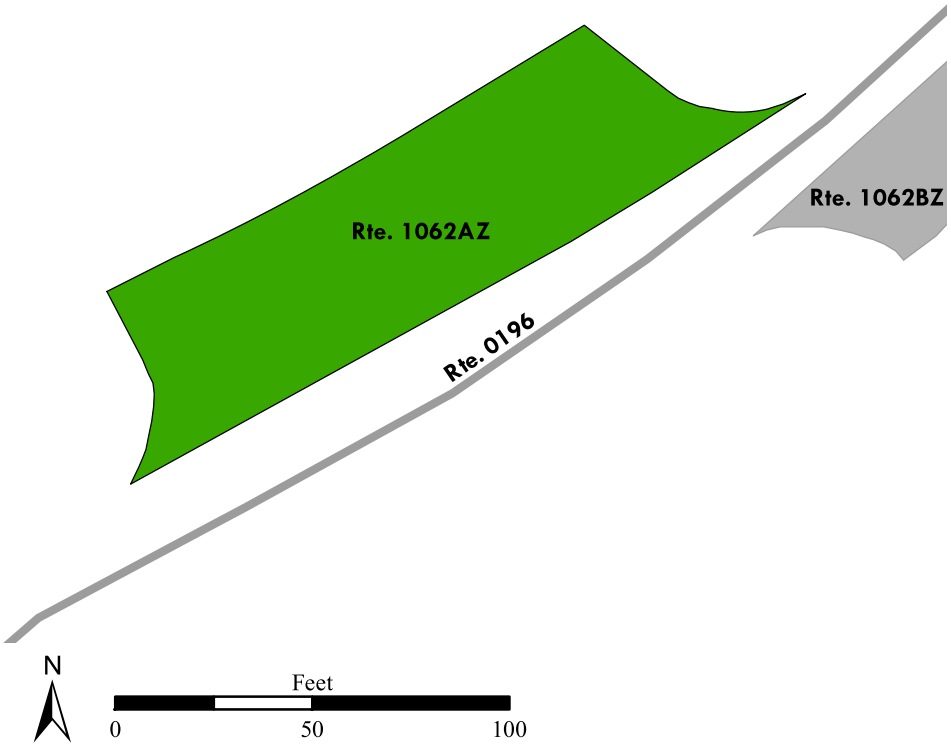
ADJACENT TO ROUTE 0196 (DA WITCH DANCE PICNIC AREA ACCESS ROAD) AT MP 0.07 ON LEFT

Inspection Date	FMSS Number	User Access	Surface Type
2/22/2020	114925	PUBLIC	ASPHALT
Area (Sq. Ft.)	**Lane Miles (11' Widths)**	**Curb Reveal (Inches)**	**Curb Recommendation**
5,689	0.098	6	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

See Appendix for definitions and formulas



Natchez Trace Parkway

ROUTE 1062BZ: DA WITCH DANCE COMFORT STATION PARKING

Subcomponent of Route NATR-1062ZZ
Manual Rating

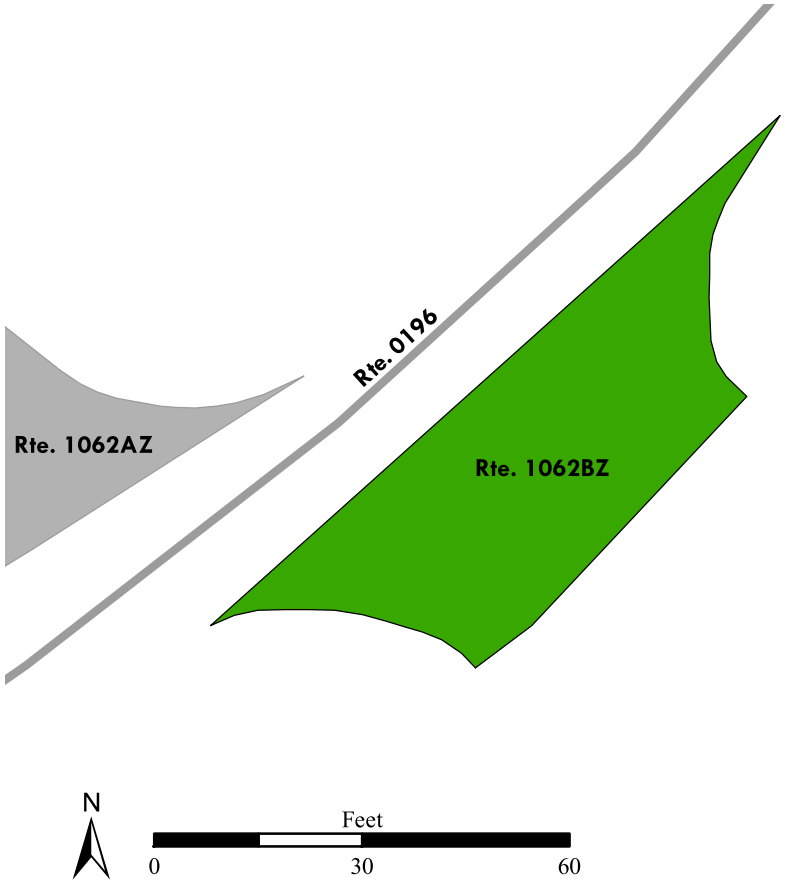
ADJACENT TO ROUTE 0196 (DA WITCH DANCE PICNIC AREA ACCESS ROAD) AT MP 0.10 ON RIGHT

Inspection Date	FMSS Number	User Access	Surface Type
2/21/2020	114925	PUBLIC	ASPHALT
Area (Sq. Ft.)	**Lane Miles (11' Widths)**	**Curb Reveal (Inches)**	**Curb Recommendation**
1,704	0.029	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

See Appendix for definitions and formulas



Natchez Trace Parkway

ROUTE 1062CZ: DA WITCH DANCE PICNIC PARKING 1

Subcomponent of Route NATR-1062ZZ
Manual Rating

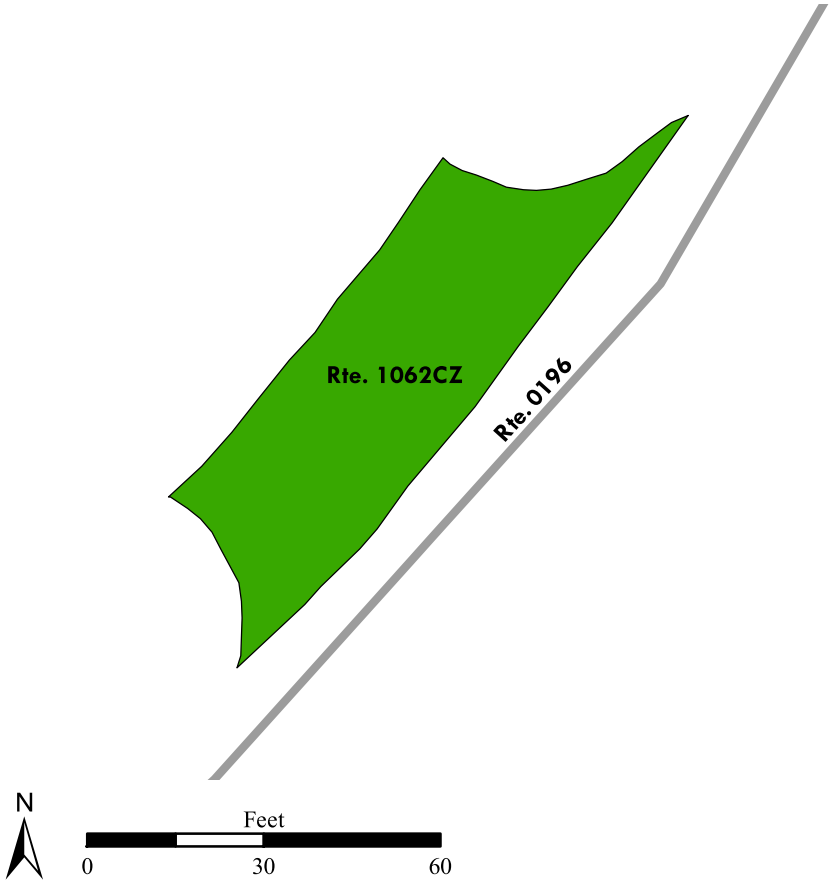
ADJACENT TO ROUTE 0196 (DA WITCH DANCE PICNIC AREA ACCESS ROAD) AT MP 0.11 ON LEFT

Inspection Date	FMSS Number	User Access	Surface Type
2/21/2020	114925	PUBLIC	ASPHALT
Area (Sq. Ft.)	**Lane Miles (11' Widths)**	**Curb Reveal (Inches)**	**Curb Recommendation**
2,099	0.036	5	DO NOTHING
Curb Type		**Curb & Gutter Type**	
CONCRETE		NO CURB AND GUTTER	
Pavement Recommendation		**Condition Rating / PCR**	
PREVENTIVE MAINTENANCE		GOOD / 90	

Route Condition Legend – Pavement Condition Rating (PCR)

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

See Appendix for definitions and formulas



Natchez Trace Parkway

ROUTE 1062DZ: DA WITCH DANCE PICNIC PARKING 2

Subcomponent of Route NATR-1062ZZ
Manual Rating

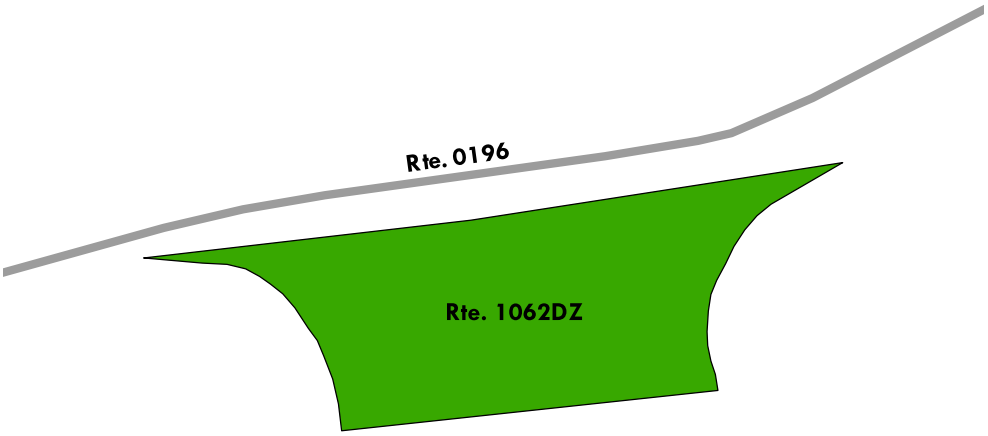
ADJACENT TO ROUTE 0196 (DA WITCH DANCE PICNIC AREA ACCESS ROAD) AT MP 0.20 ON RIGHT

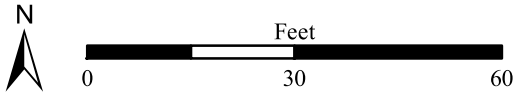
Inspection Date	FMSS Number	User Access	Surface Type
2/21/2020	114925	PUBLIC	ASPHALT
Area (Sq. Ft.)	**Lane Miles (11' Widths)**	**Curb Reveal (Inches)**	**Curb Recommendation**
1,515	0.026	4	LIGHT REPAIR
Curb Type		**Curb & Gutter Type**	
CONCRETE		NO CURB AND GUTTER	
Pavement Recommendation		**Condition 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

See Appendix for definitions and formulas





Natchez Trace Parkway

ROUTE 1062EZ: DA WITCH DANCE HANDICAP PICNIC PARKING

Subcomponent of Route NATR-1062ZZ
Manual Rating

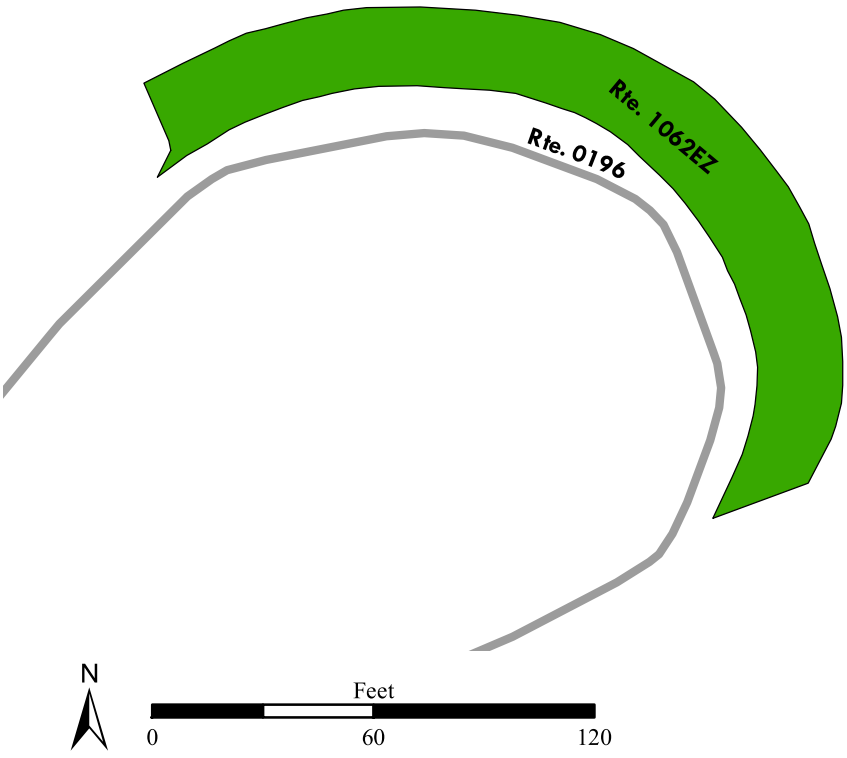
ADJACENT TO ROUTE 0196 (DA WITCH DANCE PICNIC AREA ACCESS ROAD) AT MP 0.23 ON RIGHT

Inspection Date	FMSS Number	User Access	Surface Type
2/21/2020	114925	PUBLIC	ASPHALT
Area (Sq. Ft.)	**Lane Miles (11' Widths)**	**Curb Reveal (Inches)**	**Curb Recommendation**
4,952	0.085	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

See Appendix for definitions and formulas



Natchez Trace Parkway

ROUTE 1062FZ: DA WITCH DANCE PICNIC PARKING 3

Subcomponent of Route NATR-1062ZZ
Manual Rating

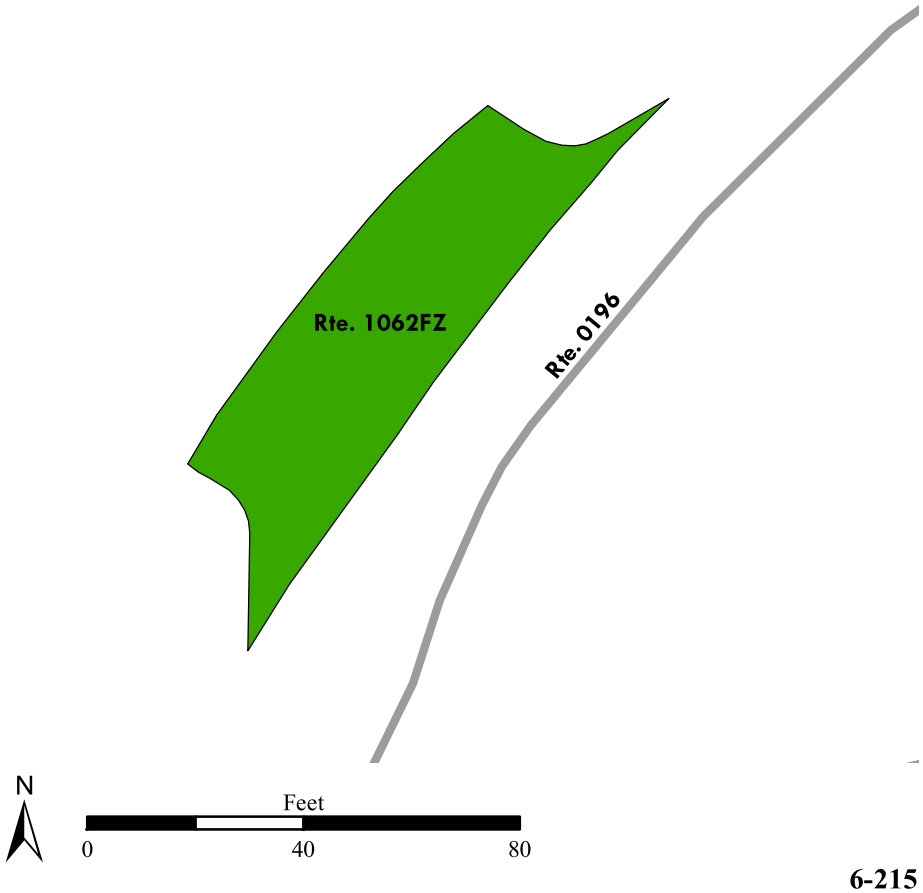
ADJACENT TO ROUTE 0196 (DA WITCH DANCE PICNIC AREA ACCESS ROAD) AT MP 0.27 ON RIGHT

Inspection Date	FMSS Number	User Access	Surface Type
2/21/2020	114925	PUBLIC	ASPHALT
Area (Sq. Ft.)	**Lane Miles (11' Widths)**	**Curb Reveal (Inches)**	**Curb Recommendation**
2,183	0.038	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

See Appendix for definitions and formulas



Natchez Trace Parkway

ROUTE 0959: DA BYNUM MOUNDS PARKING

Manual Rating

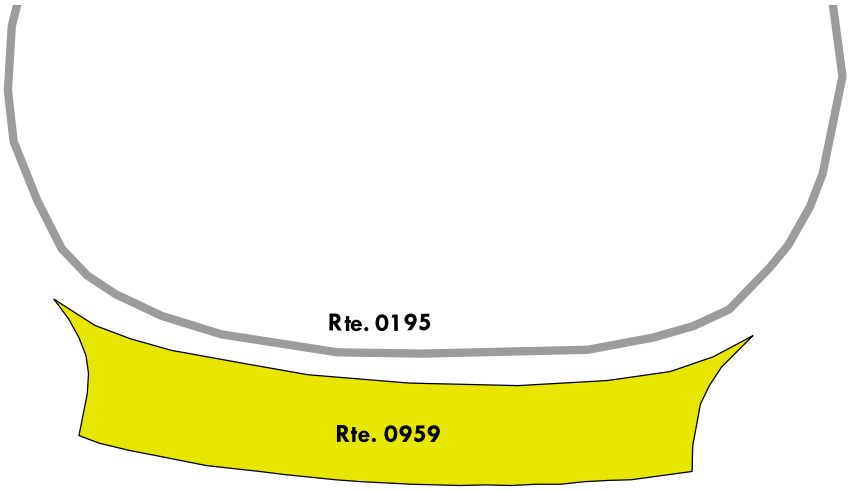
ADJACENT TO ROUTE 0195 (DA BYNUM MOUNDS ACCESS ROAD) AT MP 0.14 ON RIGHT

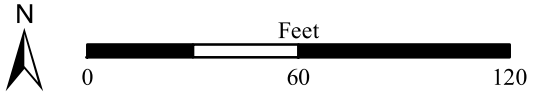
Inspection Date	FMSS Number	User Access	Surface Type
2/21/2020	67727	PUBLIC	ASPHALT
Area (Sq. Ft.)	**Lane Miles (11' Widths)**	**Curb Reveal (Inches)**	**Curb Recommendation**
4,359	0.075	5	DO NOTHING
Curb Type		**Curb & Gutter Type**	
CONCRETE		NO CURB AND GUTTER	
Pavement Recommendation		**Condition Rating / PCR**	
LIGHT 3R TREATMENTS		FAIR / 73	

Route Condition Legend – Pavement Condition Rating (PCR)

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

See Appendix for definitions and formulas





Natchez Trace Parkway

ROUTE 0960: DA WITCH DANCE ROADSIDE PARKING

Manual Rating

FROM ROUTE 0001E (DA MOTOR ROAD) AT MP 235.48 ON LEFT

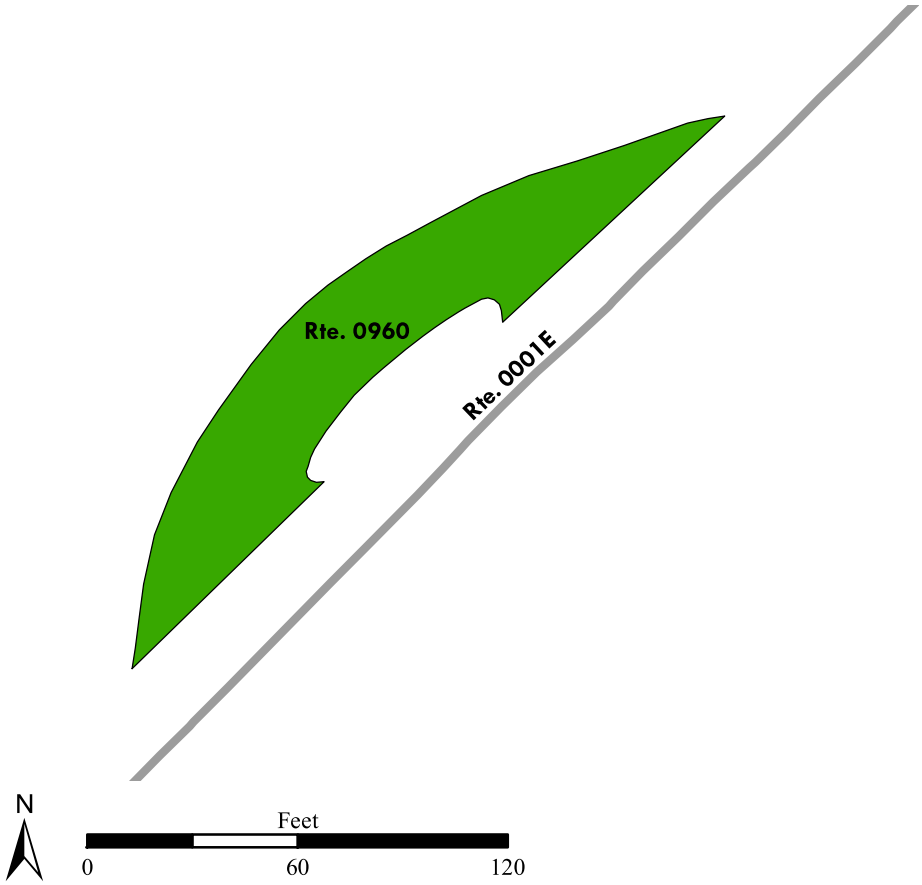
TO ROUTE 0001E (DA MOTOR ROAD) AT MP 235.51 ON LEFT

Inspection Date	FMSS Number	User Access	Surface Type
2/21/2020	67729	PUBLIC	ASPHALT
Area (Sq. Ft.)	**Lane Miles (11' Widths)**	**Curb Reveal (Inches)**	**Curb Recommendation**
4,533	0.078	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

See Appendix for definitions and formulas



Natchez Trace Parkway

ROUTE 0961: DA OLD FOSSILS PARKING

Manual Rating

FROM ROUTE 0001E (DA MOTOR ROAD) AT MP 237.23 ON RIGHT

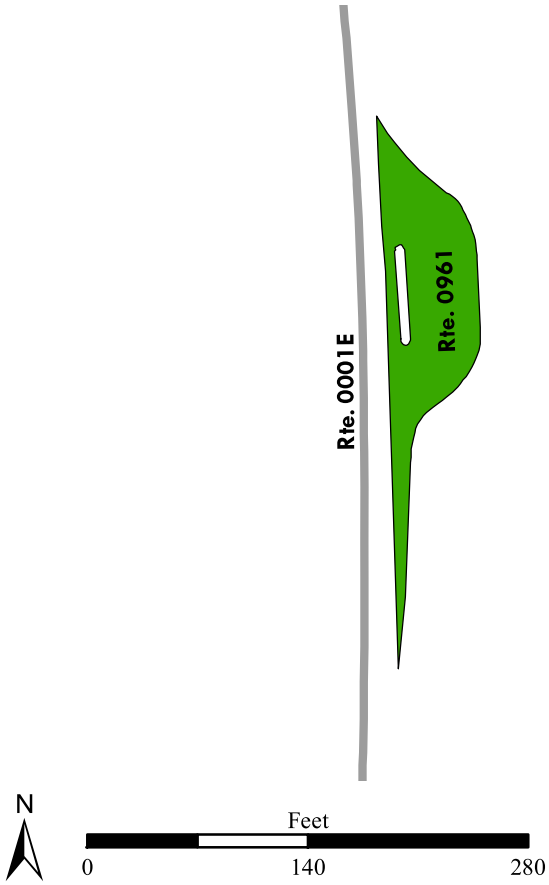
TO ROUTE 0001E (DA MOTOR ROAD) AT MP 237.25 (ON RIGHT)

Inspection Date	FMSS Number	User Access	Surface Type
2/21/2020	67730	PUBLIC	ASPHALT
Area (Sq. Ft.)	**Lane Miles (11' Widths)**	**Curb Reveal (Inches)**	**Curb Recommendation**
7,791	0.134	4	MODERATE 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

See Appendix for definitions and formulas



Natchez Trace Parkway

ROUTE 0146: DA SR 32 ACCESS ROAD

Data Collection Vehicle (DCV) Rating

Sources: Esri, HERE, Garmin, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), (c) 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

Colors on map represent condition scores at 0.10-mile intervals. See Appendix for definitions and formulas.

Inspection Date: 9/30/2020	**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)	88	88				
Surface Condition Rating (SCR)	88	88				
Roughness Condition Index (RCI)	N/A	N/A				
Distress Index Values						
Structural Crack Index	90	90				
Alligator Crack Index	100	100				
Longitudinal Crack Index	90	90				
Transverse Cracking Index	88	88				
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)	24.1	24.1				
Lane Width (ft)	11.2	11.2				