

Non-State Federal Aid Eligible Roadways (as of August 23, September 18-22)





5 Poor

Frequent

Moderate to Severe



5 Poor

Frequent

Moderate to Severe

Asphalt F-14

6 Fair

Frequent

Moderate



6 Fair

Frequent

Moderate



F-13 Asphalt

Pavement Surface Rating Based on Frequency and Severity Descriptions

		SEVERITY								
FREQUENCY			Slight	Minor	Moderate	Moderate to Severe	Severe	Very Severe	Travel is Impaired	Impas- sible
No distress is present. A single random defect None per 0.10 mile is allowed.		10/9	9	±	*		-			•
Most of the pavement is free of distress. One or two cracks or distresses are visible for the next 0.10 mile.	Infrequent	=	8	8	8	7	7	(<u>#</u> 1	1.0	
Much of the pavement is free of cracking. Large blocks of distress-free pavement are present.	Infrequent to Occasional	-	8	7	7	7	6	6		
Much (<1/2) to most (>1/2) of the pavement is cracked. Uncracked or undistressed blocks of pavement range from 20-30 ft per lane to 12 ft per lane. Occasional Frequent		a = 0	7	7	6	6	5	5	-	-
Nearly all the pavement is cracked. Uncracked or undistressed blocks of pavement are 12 ft square or less	Frequent	-	7	6	6	5	4	3	2	1
Mostly cracked. Cracks or distress are continuous And spaced only a few feet apart. Very Frequent		-	6	6	5	5	4	3	2	1
Slight Cracks are tight, single and only a few feet long. Tight, single longitudinal joint cracks, partial or continuous, are included. Minor Cracks are generally < 1/8 inch wide, some with minor secondary cracks, no or very few connected cracks. May have a few small spalls (< 1 ft square). Cracks are generally >1/8 inch wide; secondary cracking is common, some cracks connected;										
Moderate may have some minor popouts or small (1-2 ft) to medium (3-4 ft) patching.										
Severe Cracks are wide and/or have extensive interconnnected secondary cracking; holes, loose material and/or patching are common, patches may have patches.										
Very Severe Cracks are very wide, holes and/or patching is extensive; patches extend across the full lane or extend several feet along the lane; patches on patches are common.										
Notes: - Ratings in blue are the definitions from the original Pavement Rating Manual c.1981. - "Very Slight" from the original Manual = "Slight" here. - "Slight" from the original Manual = "Minor" here. Travel is Impaired Holes in pavement are large and/or pavement has so many layers of patches that the section can be traveled only at reduced speed.							 			
Impassible Travel by ordinary car would risk damage to the vehicle.										



BMTS BINGHAMTON METROPOLITAN TRANSPORTATION STUDY Edwin L. Crawford Bldg. / 5th Floor / 60 Hawley Street / PO Box 1766 / Binghamton, New York 13902

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Date: October 10, 2023

Municipal Public Works or Highway Officials

From: Scott Reigle, Senior Transportation Planner II - BMTS

2023 Pavement Sufficiency Ratings

The 2023 Pavement Sufficiency Ratings for non-State Federal Aid System have been completed. We are distributing, to each Municipal Public Works or Highway Official, lists of the road segments that were rated Poor (Score=1-5) or Fair (Score=6). These lists are organized according to the road segment's Highway Functional Classification (C=Collector & MA=Minor Arterial). The scores indicate the surface condition of the roads recorded during the period of August 23, September 18-20 & 22, 2023.

Pavement Sufficiency Ratings are performed annually by BMTS. The purpose of rating road payement is for BMTS to gain an understanding of the Binghamton urban area road conditions. In addition, given the limited Federal funds that are available, we hope this information is helpful to each municipality in developing their roadwork programs.

Please contact me at 778-2443 or scott.reigle@broomecountyny.gov if you have any questions.

Regards,

Scott Reiale

Senior Transportation Planner II

Attachments

Phone: 607-778-2443 Fax: 607-778-6051 Email: BMTS@co.broome.ny.us Website: www.bmtsonline.com

2023 PAVEMENT SUFFICIENCY RATINGS

TOWN OF UNION

COLLECTORS RATED FAIR

ROAD NAME	ROAD SEGMENT	MUN	\mathbf{CL}	LANES	LENGTH	2023 I SCORE	COMMENTS
HAYES AVE	NORTH ST-"VE LINE"	TU	С	2	0.18	6	
NEWELL RD	PINE ST-TAFT AVE	TU	С	2	0.47	6	
PRESCOTT AVE	BUFFALO ST-"TU LINE"	TU	С	2	0.69	6	4 Buffalo to Marjorie. 7 Marjorie to 1/2 way.

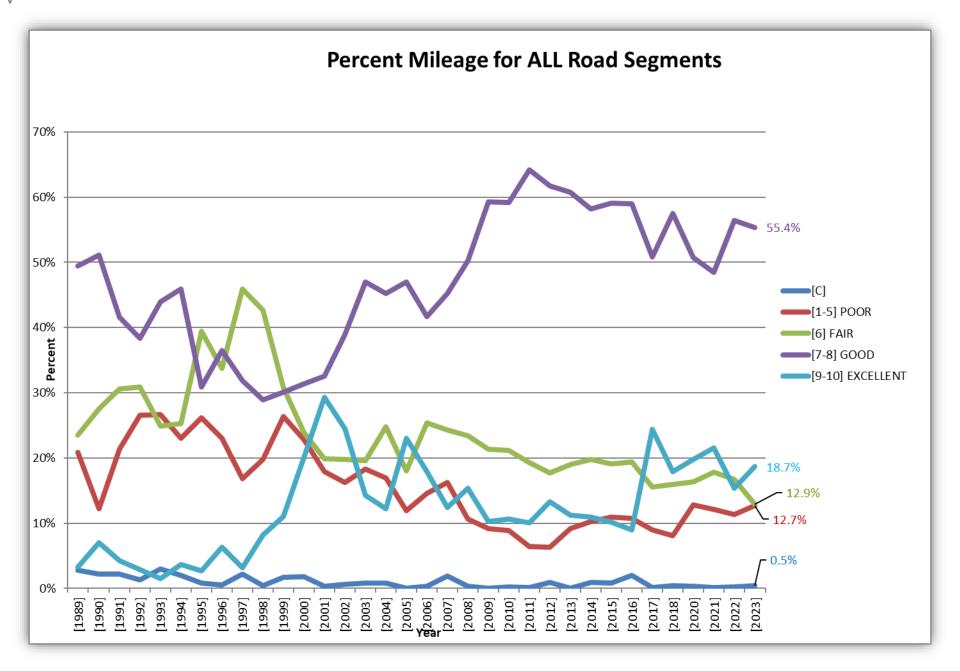
Total Segments:

Total Miles: 1.34

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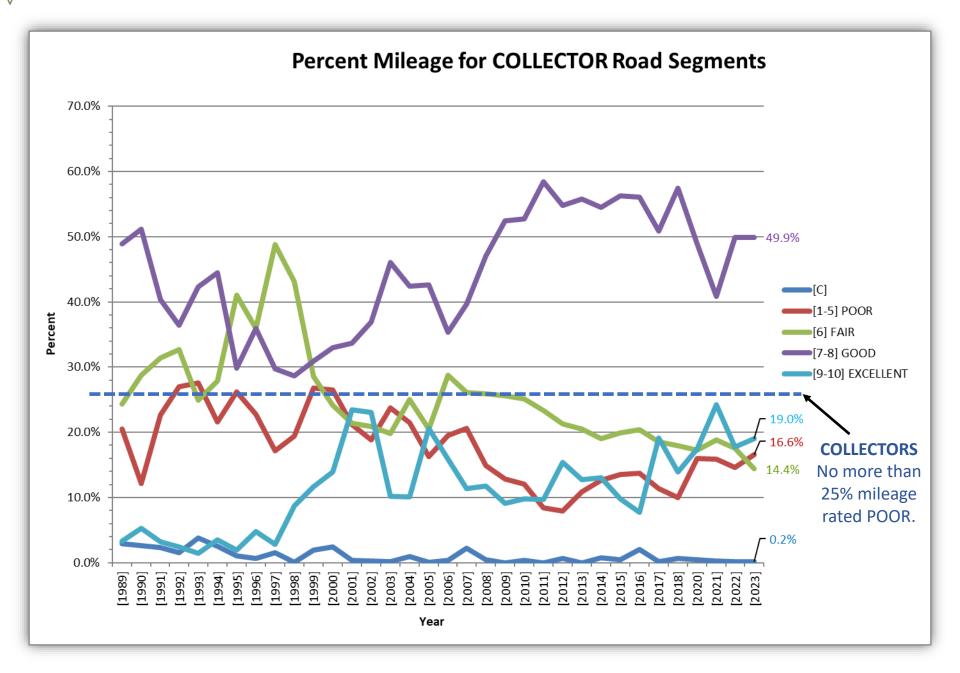


BMTS – Pavement Condition Performance Level Commitments

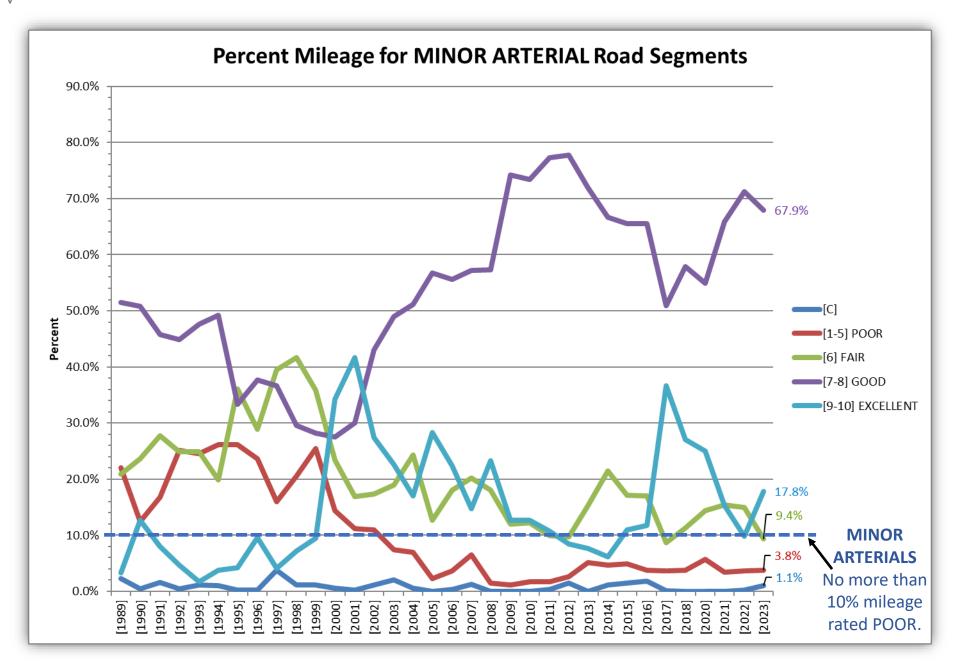
1. Maintain <u>collector</u> street pavement sufficiency at **no more than 25% poor**.

2. Maintain minor arterial street pavement sufficiency at no more than 10% poor.











BMTS PAVEMENT SUFFICIENCY RATINGS (2023) ANALYSIS FOR EACH MUNICIPALITY

TOTAL MILEAGEFOR EACH RATING CLASSIFICATION

		[C]	[1-5]	[6]	[7-8]	[9-10]	
		CONSTRUCTION	POOR	FAIR	GOOD	EXCELLENT	SUM
Broome County*	BCo	0.74	0.25	7.76	70.73	21.30	100.78
City of Binghamton**	CB	0.00	4.88	6.92	11.09	10.36	33.25
Town of Binghamton	TB	0.00	0.00	0.00	1.17	1.82	2.99
Town of Chenango	TCh	0.00	0.00	1.25	0.00	0.00	1.25
Town of Dickinson	TD	0.00	0.00	0.11	0.00	0.06	0.17
Town of Fenton	TF	0.00	0.00	0.26	3.45	0.03	3.74
Town of Kirkwood	TK	0.00	0.88	0.43	0.11	0.24	1.66
Town of Union	TU	0.00	0.55	1.34	9.90	1.60	13.39
Town of Vestal	TV	0.00	8.72	2.47	4.05	1.93	17.17
Village of Endicott	VE	0.00	5.79	0.32	2.68	1.07	9.86
Village of Johnson City	VJC	0.31	4.33	2.11	2.39	1.61	10.75
Village of Port Dickinson	VPD	0.00	0.00	0.00	0.50	0.14	0.64
Tioga County	TCo	0.00	2.99	5.80	10.73	0.00	19.52
Town of Owego	ТО	0.00	0.00	0.00	5.83	1.80	7.63
Town of Tioga	TT	0.00	0.00	0.00	0.27	0.00	0.27
Village of Owego	VO	0.00	0.50	0.57	3.35	0.59	5.01
_	TOTALS	1.05	28.89	29.34	126.25	42.55	228.08



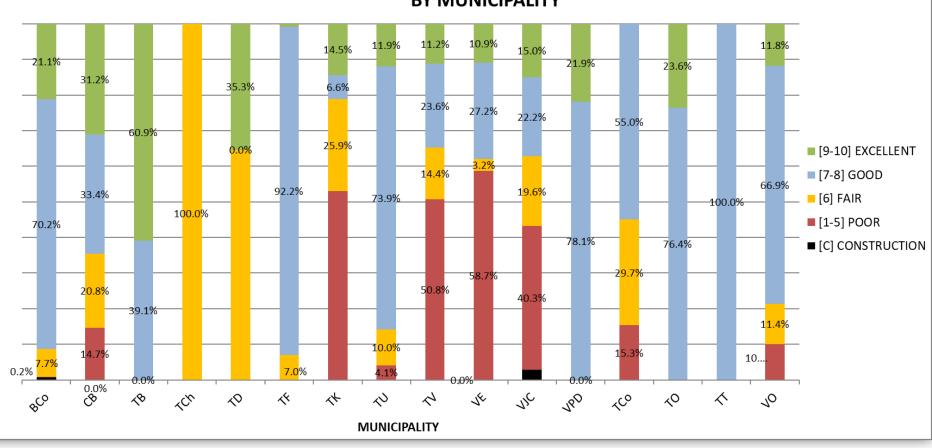
BMTS PAVEMENT SUFFICIENCY RATINGS (2023) ANALYSIS FOR EACH MUNICIPALITY

PERCENT MILEAGE FOR EACH RATING

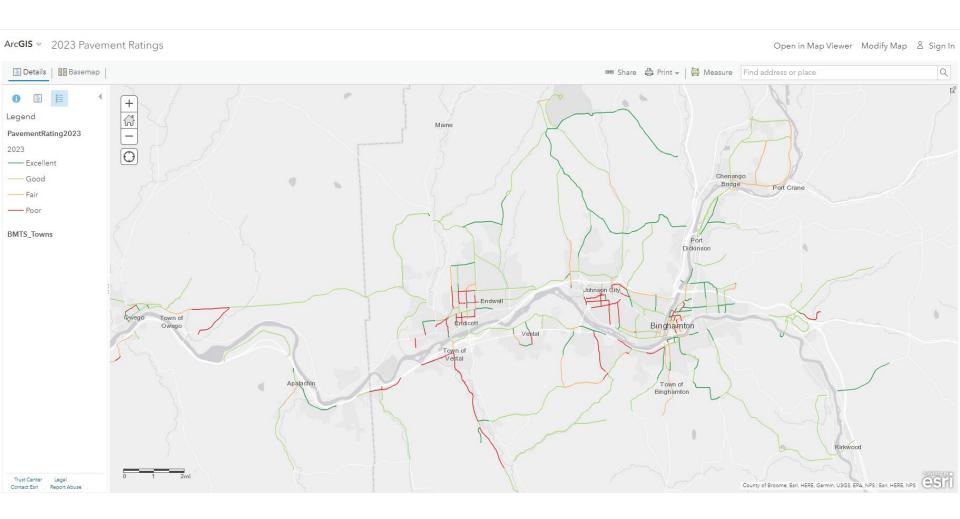
CLASSIFICATION *

		[C] CONSTRUCTION	[1-5] POOR	[6] FAIR	[7-8] GOOD	[9-10] EXCELLENT
Broome County	BCo	0.7%	0.2%	7.7%	70.2%	21.1%
City of Binghamton	СВ	0.0%	14.7%	20.8%	33.4%	31.2%
Town of Binghamton	ТВ	0.0%	0.0%	0.0%	39.1%	60.9%
Town of Chenango	TCh	0.0%	0.0%	100.0%	0.0%	0.0%
Town of Dickinson	TD	0.0%	0.0%	64.7%	0.0%	35.3%
Town of Fenton	TF	0.0%	0.0%	7.0%	92.2%	0.8%
Town of Kirkwood	TK	0.0%	53.0%	25.9%	6.6%	14.5%
Town of Union	TU	0.0%	4.1%	10.0%	73.9%	11.9%
Town of Vestal	TV	0.0%	50.8%	14.4%	23.6%	11.2%
Village of Endicott	VE	0.0%	58.7%	3.2%	27.2%	10.9%
Village of Johnson City	VJC	2.9%	40.3%	19.6%	22.2%	15.0%
Village of Port Dickinson	VPD	0.0%	0.0%	0.0%	78.1%	21.9%
Tioga County	TCo	0.0%	15.3%	29.7%	55.0%	0.0%
Town of Owego	ТО	0.0%	0.0%	0.0%	76.4%	23.6%
Town of Tioga	TT	0.0%	0.0%	0.0%	100.0%	0.0%
Village of Owego	VO	0.0%	10.0%	11.4%	66.9%	11.8%
	ALL	0.5%	12.7%	12.9%	55.4%	18.7%





2023 Pavement Ratings for Local Federal Aid Roads

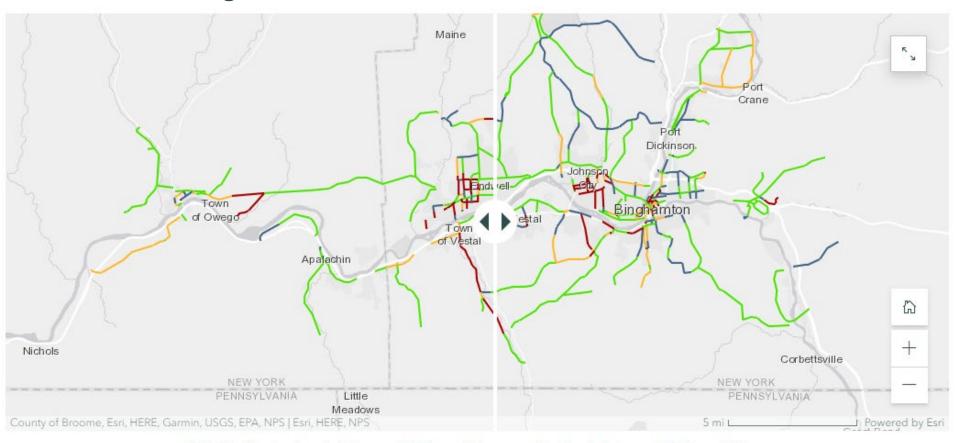


Pavement Condition Information Available Online

https://bmtsonline.com/data/pavement-ratings

BMTS Pavement Condition Ratings 2022 to 2023

A visual comparison of Non-Federal Aid Eligible Roadway Pavement Condition Ratings from 2022 to 2023



Slide the bar to the right to see 2022 conditions and to the left to see 2023 conditions.

Pavement Condition Information Available Online

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