



EASTGATE

Regional Council of Governments

Pavement Condition Summary Niles City 2017

Title VI/Non-Discrimination Policy

It is Eastgate's Policy that all recipients of federal funds that pass through this agency ensure that they are in full compliance with Title VI and all related regulations and directives in all programs and activities.

No person shall, on the grounds of race, color, national origin, sex, age, disability, low-income status, or limited English proficiency be excluded from participation in, be denied the benefits of, or be otherwise subjected to discrimination under any of Eastgate's programs, policies, or activities.

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EASTGATE REGIONAL COUNCIL OF GOVERNMENTS

Serving Northeast Ohio since 1973

The Eastgate Regional Council of Governments is a multipurpose Regional Council of Governments for Ashtabula, Mahoning and Trumbull Counties, as established by Section 167.01 of the Ohio Revised Code. Eastgate is the agency designated or recognized to perform the following functions:

- Serve as the Metropolitan Planning Organization (MPO) in Mahoning and Trumbull counties, with responsibility for the comprehensive, coordinated, and continuous planning for highways, public transit, and other transportation modes, as defined in Fixing America's Surface Transportation Act (FAST Act) legislation.
- Perform continuous water quality planning functions in cooperation with Ohio and U.S. EPA.
- Provide planning to meet air quality requirements under FAST Act and the Clean Air Act Amendments of 1990.
- Administration of the Economic Development District Program of the Economic Development Administration.
- Administration of the Local Development District of the Appalachian Regional Commission.
- Administration of the State Capital Improvement Program for the District 6 Public Works Integrating Committee.
- Administer the area clearinghouse function, which includes providing local government with the opportunity to review a wide variety of local or state applications for federal funds.
- Administration of the Clean Ohio Conservation Funds
- Administration of the regional Rideshare Program for Ashtabula, Mahoning, and Trumbull Counties.
- With General Policy Board direction, provide planning assistance to local governments that comprise the Eastgate planning area.

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Introduction

To monitor the condition of roadways eligible for federal funding, Eastgate has compiled the pavement condition ratings for communities throughout Trumbull and Mahoning Counties. The Pavement Condition Summary reports provide local communities a snap shot in time of the condition of their Federal-Aid routes. The maps, tables, and charts included give communities information needed to make data-driven decisions. The roads are rated by the Ohio Department of Transportation. State roads are rated every year, while local roads are done on a two-year cycle. For this report, the state roads were rated in April and June 2017. Local roads were rated in January and February 2017.

Rating Method

The rating method is based upon visual inspection of pavement distress. Determining a PCR is based upon the summation of deduct points for each type of observable distress. Deduct values are a function of distress type, severity, and extent. The following steps are taken from the Ohio Department of Transportation's Pavement Condition Rating Manual, 2006.

Step 1. The rating team (the rating team should consist of a Driver and a Rater) should ride the predetermined roadway section at a speed of about 60 km (40 MPH). During this step, readily visible distresses such as potholes, bleeding, settlement, faulting, spalling, and surface deterioration should be rated. Also the need for subdividing the section should be evaluated in step 1.

Step 2. A second pass along the roadway section should be made with stops at approximately 1.5 km (1 mile) intervals. For example, a 3 km (2-mile section) would require 2 stops to be made. At each stop the raters should evaluate the roadway by viewing 30 m (100') of the pavement. Close inspection of pavement cracking, crack sealing, rutting, raveling, joint spalling, D-cracking, and other visible distress should be made by viewing the pavement from the roadway shoulder.

Step 3. Complete the PCR form. The final rating form for the roadway section should represent the observed average of visible distress for the entire section. Separate rating forms based upon the step 1 observations and the individual stops made during step 2 are not required. However, raters may wish to use additional rating forms for each stop, simply for note keeping purposes.

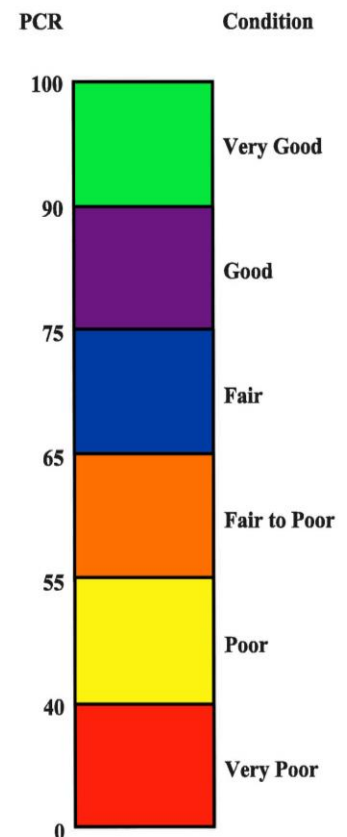


Figure 1. Pavement Condition Rating (PCR) Scale

State Roads Rated
April/June 2017

Local Roads Rated
January/February 2017

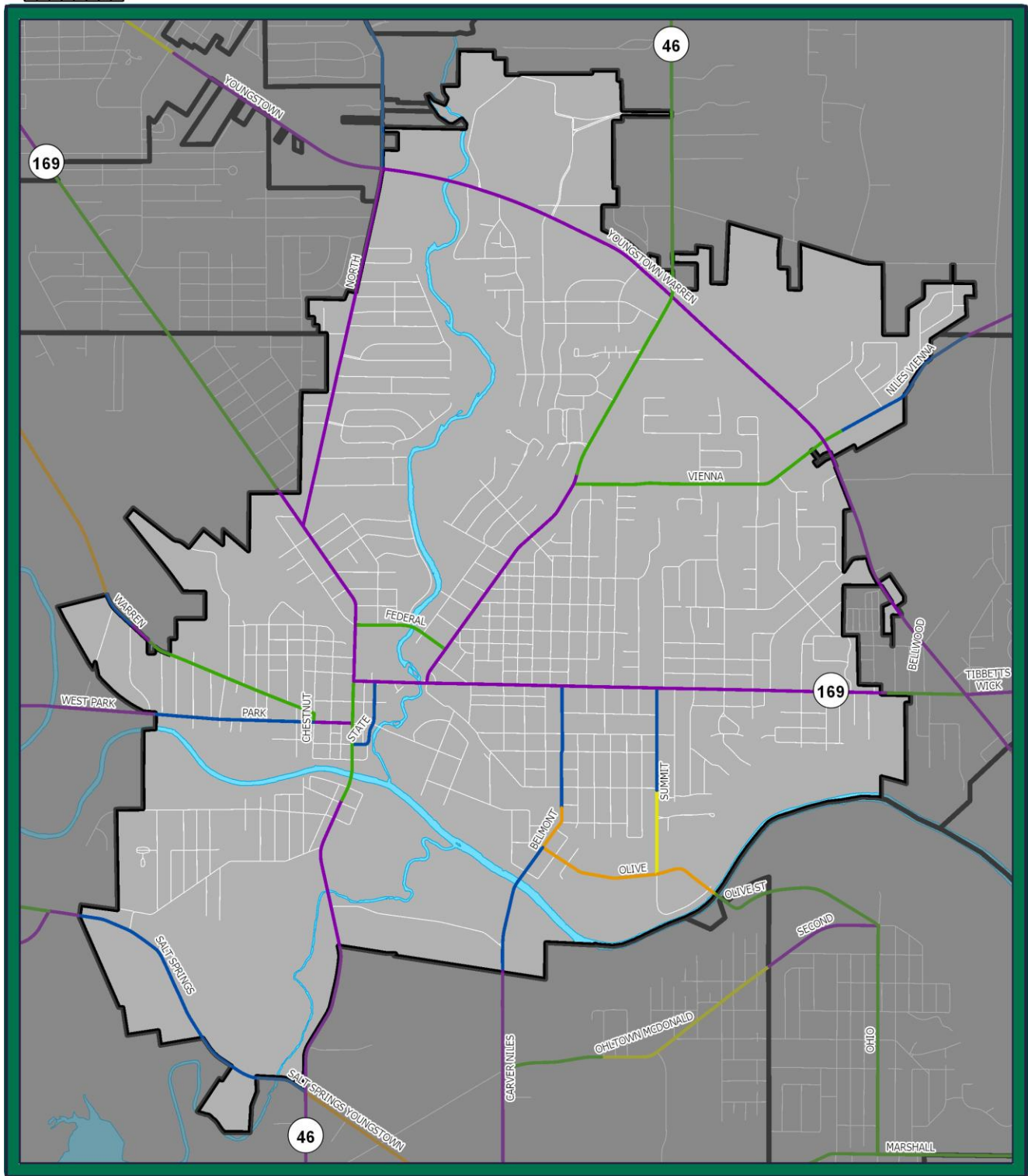
0 0.10.2 0.4 Miles



Niles

Pavement Condition Ratings

- Very Poor
- Poor
- Fair to Poor
- Fair
- Good
- Very Good



Road Name	Begin Log	End Log	Functional Class	Lanes	Divided	Direction	Width (feet)	Length (feet)	PCR
Belmont	2.19	2.19	Major Collector	2	N	UP	25	26	78
Belmont	2.19	2.46	Major Collector	2	N	UP	25	1426	70
Belmont	2.46	2.58	Major Collector	2	N	UP	25	628	71
Belmont	2.58	2.74	Major Collector	2	N	UP	28	824	71
Chestnut	0.00	0.04	Minor Arterial	2	N	UP	32	190	97
Federal	0.00	0.39	Major Collector	2	N	UP	30	2059	95
Niles Vienna	1.07	1.15	Major Collector	2	N	UP	19	422	98
Niles Vienna	1.15	1.34	Major Collector	2	N	UP	27	1019	71
Niles Vienna	1.34	1.45	Major Collector	2	N	UP	27	565	71
Niles Vienna	1.45	1.50	Major Collector	2	N	UP	27	264	72
Niles Vienna	1.50	1.50	Major Collector	2	N	UP	27	5	72
Niles Vienna	1.61	1.61	Major Collector	2	N	UP	27	5	72
Niles Vienna	1.61	1.63	Major Collector	2	N	UP	27	100	73
North	0.00	0.80	Minor Arterial	2	N	UP	36	4224	75
North	0.80	0.98	Minor Arterial	2	N	UP	36	935	80
North	0.98	1.34	Minor Arterial	2	N	UP	36	1917	80
North	1.34	1.48	Minor Arterial	2	N	UP	36	739	80
North	1.48	1.48	Minor Arterial	2	N	UP	36	5	69
North	1.48	1.56	Minor Arterial	2	N	UP	26	417	69
North	1.56	1.56	Minor Arterial	2	N	UP	26	5	73
North	1.63	1.63	Minor Arterial	2	N	UP	26	21	73
North	1.63	1.65	Minor Arterial	2	N	UP	26	106	73
North	1.65	1.65	Minor Arterial	2	N	UP	26	5	73

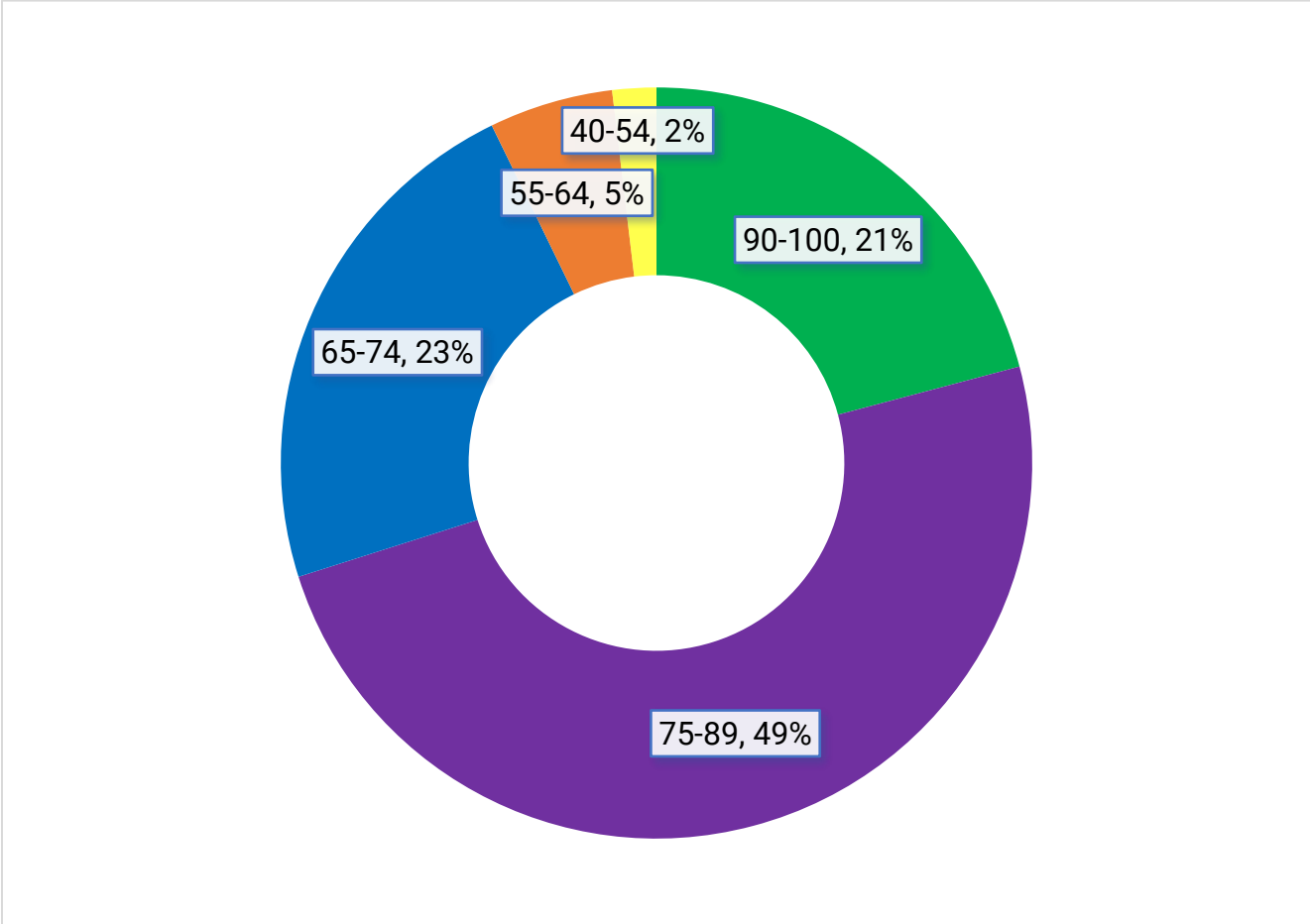
Road Name	Begin Log	End Log	Functional Class	Lanes	Divided	Direction	Width (feet)	Length (feet)	PCR
Olive	1.66	1.70	Major Collector	2	N	UP	36	190	58
Olive	1.70	1.94	Major Collector	2	N	UP	36	1267	58
Olive	1.94	2.62	Major Collector	2	N	UP	27	3606	58
Olive	2.62	2.99	Major Collector	2	N	UP	27	1954	68
Olive	2.99	3.11	Major Collector	2	N	UP	27	634	66
Salt Springs	0.12	0.34	Major Collector	2	N	UP	28	1119	66
Salt Springs	0.34	0.88	Major Collector	2	N	UP	28	2856	66
Salt Springs	0.88	1.04	Major Collector	2	N	UP	28	866	66
Salt Springs	1.04	1.16	Major Collector	2	N	UP	28	602	66
SR 169	3.40	3.40	Minor Arterial	2	N	UP	34	11	90
SR 169	3.40	3.43	Minor Arterial	2	N	UP	34	137	83
SR 169	3.43	3.58	Minor Arterial	2	N	UP	40	808	83
SR 169	3.58	3.59	Minor Arterial	2	N	UP	40	63	83
SR 169	3.59	3.85	Minor Arterial	2	N	UP	40	1383	83
SR 169	3.85	3.93	Minor Arterial	2	N	UP	40	422	83
SR 169	3.93	3.94	Minor Arterial	2	N	UP	50	37	83
SR 169	3.94	4.05	Minor Arterial	2	N	UP	50	565	82
SR 169	4.05	4.28	Minor Arterial	2	N	UP	51	1230	82
SR 169	4.58	5.51	Minor Arterial	2	N	UP	36	4926	77
SR 169	5.51	5.66	Minor Arterial	2	N	UP	36	776	77
SR 169	5.66	5.99	Minor Arterial	2	N	UP	36	1758	76
SR 169	5.99	6.42	Minor Arterial	2	N	UP	34	2255	76

Road Name	Begin Log	End Log	Functional Class	Lanes	Divided	Direction	Width (feet)	Length (feet)	PCR
SR 46	2.32	2.60	Principal Arterial	2	N	UP	31	1452	81
SR 46	2.60	2.60	Principal Arterial	4	N	UP	40	16	81
SR 46	2.60	2.88	Principal Arterial	4	N	UP	40	1463	78
SR 46	2.88	2.94	Principal Arterial	4	N	UP	54	333	78
SR 46	2.94	3.12	Principal Arterial	4	N	UP	54	956	98
SR 46	3.12	3.17	Principal Arterial	4	N	UP	40	275	98
SR 46	3.17	3.26	Principal Arterial	4	N	UP	45	449	98
SR 46	3.26	3.43	Principal Arterial	4	N	UP	45	903	98
SR 46	3.43	3.43	Principal Arterial	4	N	UP	51	5	98
SR 46	3.43	3.47	Principal Arterial	4	N	UP	51	227	84
SR 46	3.47	3.73	Principal Arterial	4	N	UP	51	1331	84
SR 46	3.73	3.73	Principal Arterial	2	N	UP	35	26	84
SR 46	3.73	3.79	Principal Arterial	2	N	UP	35	306	75
SR 46	3.79	3.91	Principal Arterial	2	N	UP	36	628	75
SR 46	3.91	4.78	Principal Arterial	2	N	UP	30	4609	75
SR 46	4.78	5.60	Principal Arterial	2	N	UP	30	4303	94
SR 46	5.60	5.60	Principal Arterial	4	N	UP	68	26	94
SR 46	5.60	5.63	Principal Arterial	4	N	UP	68	137	91
SR 46	5.73	5.77	Principal Arterial	4	N	UP	68	227	91
SR46	5.63	5.70	Principal Arterial	4	N	UP	68	401	91
SR46	6.32	6.35	Principal Arterial	4	N	UP	68	121	91
State	0.00	0.15	Major Collector	2	N	UP	48	776	67
State	0.15	0.24	Major Collector	2	N	UP	36	465	67
State	0.24	0.32	Major Collector	2	N	UP	48	438	67

Road Name	Begin Log	End Log	Functional Class	Lanes	Divided	Direction	Width (feet)	Length (feet)	PCR
Summit	0.00	0.10	Major Collector	2	N	UP	26	539	53
Summit	0.10	0.34	Major Collector	2	N	UP	26	1257	53
Summit	0.34	0.57	Major Collector	2	N	UP	26	1188	73
Summit	0.57	0.57	Major Collector	2	N	UP	26	26	73
Summit	0.57	0.75	Major Collector	2	N	UP	26	950	74
US 422	15.30	15.95	Principal Arterial	4	N	UP	64	3437	79
US 422	15.95	16.60	Principal Arterial	4	N	UP	64	3443	83
US 422	16.60	17.06	Principal Arterial	4	N	UP	64	2418	83
US 422	17.06	17.53	Principal Arterial	4	N	UP	64	2476	84
US 422	17.53	17.57	Principal Arterial	4	N	UP	64	206	84
US 422	18.06	18.09	Principal Arterial	2	N	UP	37	111	82
US 422	18.09	18.16	Principal Arterial	2	N	UP	37	375	82
US 422	18.16	18.23	Principal Arterial	2	N	UP	37	391	82
Vienna	0.00	0.29	Major Collector	2	N	UP	22	1515	97
Vienna	0.29	0.51	Major Collector	2	N	UP	26	1177	97
Vienna	0.51	0.75	Major Collector	2	N	UP	26	1241	97
Vienna	0.75	0.75	Major Collector	2	N	UP	26	37	97
Vienna	0.75	1.00	Major Collector	2	N	UP	26	1315	97
Vienna	1.00	1.07	Major Collector	2	N	UP	18	364	97

Road Name	Begin Log	End Log	Functional Class	Lanes	Divided	Direction	Width (feet)	Length (feet)	PCR
Warren	0.04	0.04	Minor Arterial	2	N	UP	30	21	97
Warren	0.04	0.64	Minor Arterial	2	N	UP	30	3168	97
Warren	0.64	0.67	Minor Arterial	2	N	UP	30	148	97
Warren	0.67	0.70	Minor Arterial	2	N	UP	30	190	97
Warren	0.70	0.73	Minor Arterial	2	N	UP	30	137	97
Warren	0.73	0.73	Minor Arterial	2	N	UP	30	21	97
Warren	0.77	0.86	Minor Arterial	2	N	UP	40	459	79
Warren	0.86	0.97	Minor Arterial	2	N	UP	40	560	65
Warren	0.97	1.03	Minor Arterial	2	N	UP	40	322	65
West Park	2.55	2.90	Major Collector	2	N	UP	30	1832	73
West Park	2.90	2.96	Major Collector	2	N	UP	30	322	73
West Park	2.96	3.19	Major Collector	2	N	UP	30	1225	73
West Park	3.19	3.19	Major Collector	2	N	UP	30	11	80
West Park	3.19	3.35	Minor Arterial	2	N	UP	36	829	80

Pavement Conditions by Percentage



Average weighted PCR – State and Local Routes – 79.5

Average weighted PCR – Local Routes only – 75.4