



EASTGATE

Regional Council of Governments

Pavement Condition Summary Niles City 2018

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, May and June 2018. Local roads were rated in October, November and December 2018.

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.

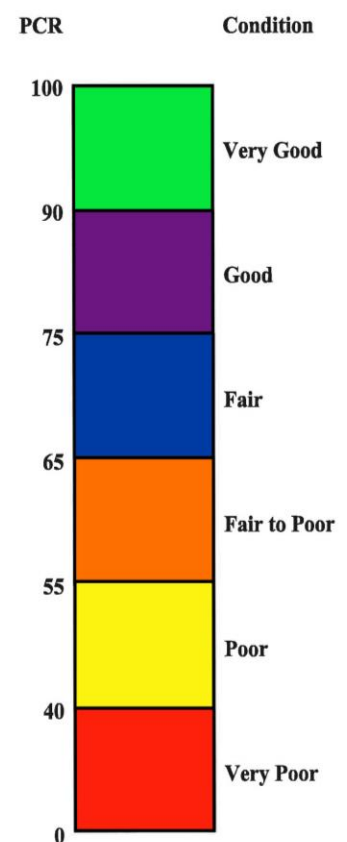


Figure 1. Pavement Condition Rating (PCR) Scale

State Roads Rated
April/June 2018

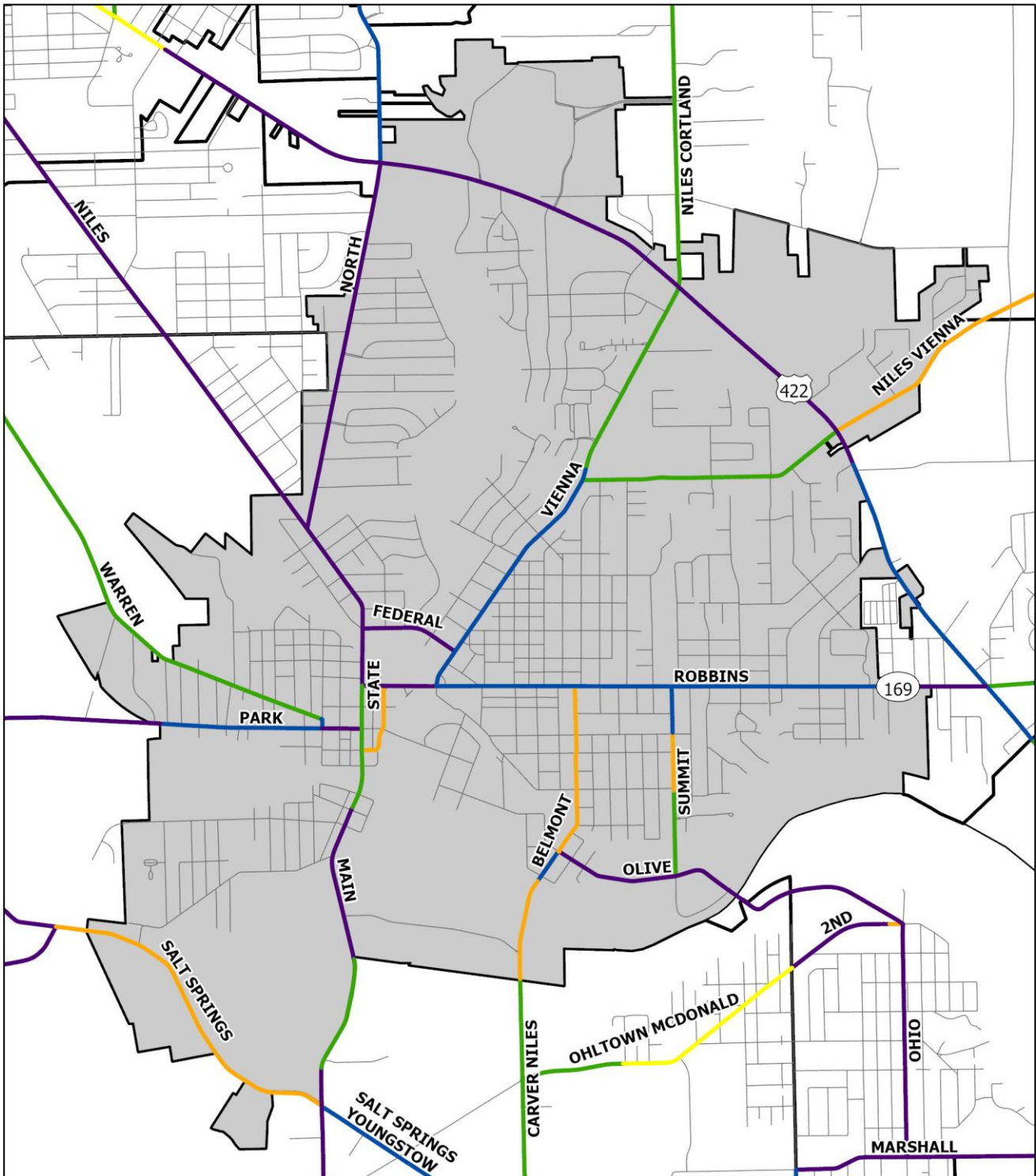
Local Roads Rated
October/December 2018



Niles City

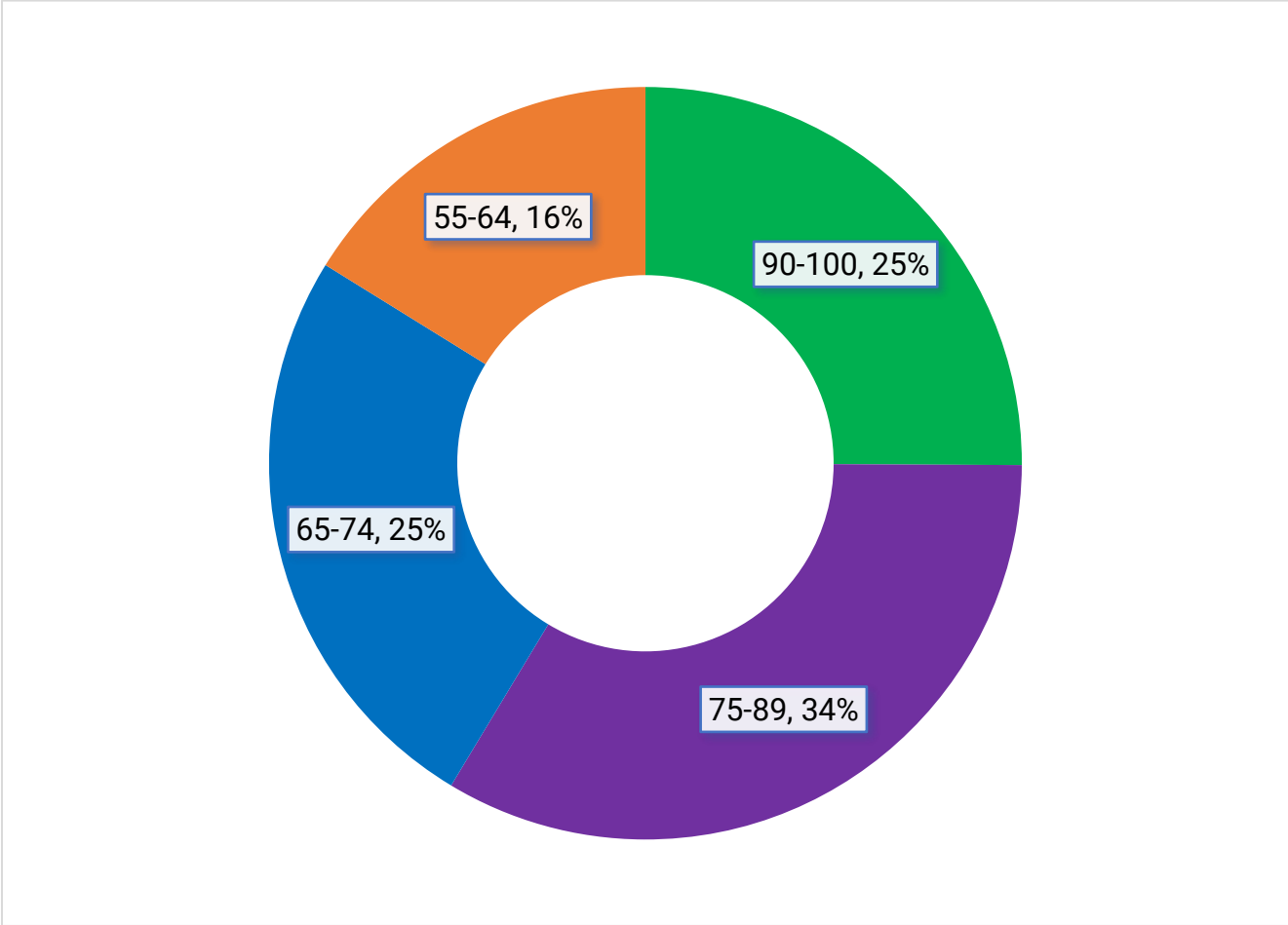
PCR Rating

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



Road Name	Begin Log	End Log	Lanes	Width (feet)	PCR	Length (feet)	Functional Class
Belmont	2.19	2.59	2	25	64	2112	Major Collector
Belmont	2.43	3.11	2	27	58	3590	Major Collector
Belmont	2.59	2.74	2	28	68	792	Major Collector
Chestnut	0.00	0.04	2	32	69	211	Minor Arterial
Federal	0.00	0.39	2	30	88	2059	Major Collector
Niles Vienna	1.07	1.45	2	24	62	2006	Major Collector
North	0.00	0.98	2	36	78	5159	Minor Arterial
Olive	1.66	2.43	2	27	90	4066	Major Collector
Salt Springs	0.12	1.16	2	28	64	5444	Major Collector
SR 169	3.40	3.94	2	40	83	2851	Minor Arterial
SR 169	3.94	4.28	2	51	78	1795	Minor Arterial
SR 169	4.58	5.66	2	36	71	5702	Minor Arterial
SR 169	5.66	6.44	2	34	73	4118	Minor Arterial
SR 46	2.31	2.60	2	31	76	1531	Principal Arterial
SR 46	2.60	2.94	4	40	78	1795	Principal Arterial
SR 46	2.94	3.43	4	45	95	2587	Principal Arterial
SR 46	3.43	3.73	4	51	84	1584	Principal Arterial
SR 46	3.73	4.78	2	24	70	5544	Principal Arterial
SR 46	4.78	5.60	2	30	94	4330	Principal Arterial
State	0.00	0.32	2	48	65	1690	Major Collector
Summit	0.00	0.34	2	26	92	1795	Major Collector
Summit	0.34	0.57	2	26	63	1214	Major Collector
Summit	0.57	0.75	2	26	69	950	Major Collector
US 422	15.29	15.95	4	64	79	3485	Principal Arterial
US 422	15.95	17.06	4	64	83	5861	Principal Arterial
US 422	17.06	17.60	4	64	84	2851	Principal Arterial
Vienna	0.00	0.51	2	22	100	2693	Major Collector
Vienna	0.51	1.07	2	26	93	2957	Major Collector
Warren	0.04	0.77	2	30	94	3854	Minor Arterial
West Park	2.55	3.19	2	30	67	3379	Major Collector
West Park	3.19	3.35	2	36	78	845	Minor Arterial

Pavement Conditions by Percentage



Average weighted PCR – State and Local Routes – 79.0

Average weighted PCR – Local Routes only – 76.6