



# **EASTGATE**

Regional Council of Governments

## **Pavement Condition Summary Mahoning County 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.

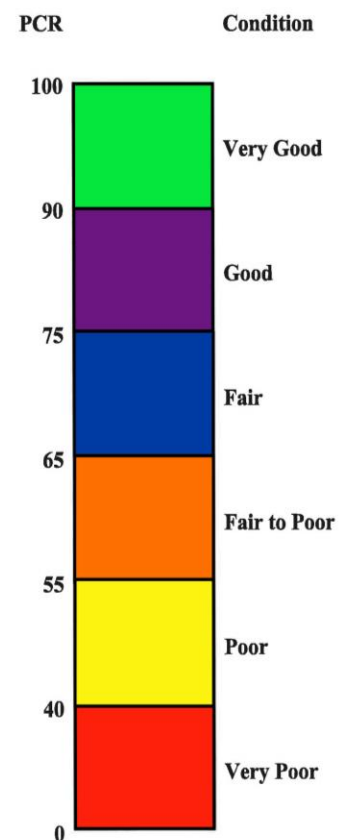
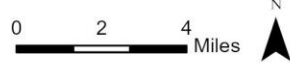


Figure 1. Pavement Condition Rating (PCR) Scale

State Roads Rated  
April/June 2018

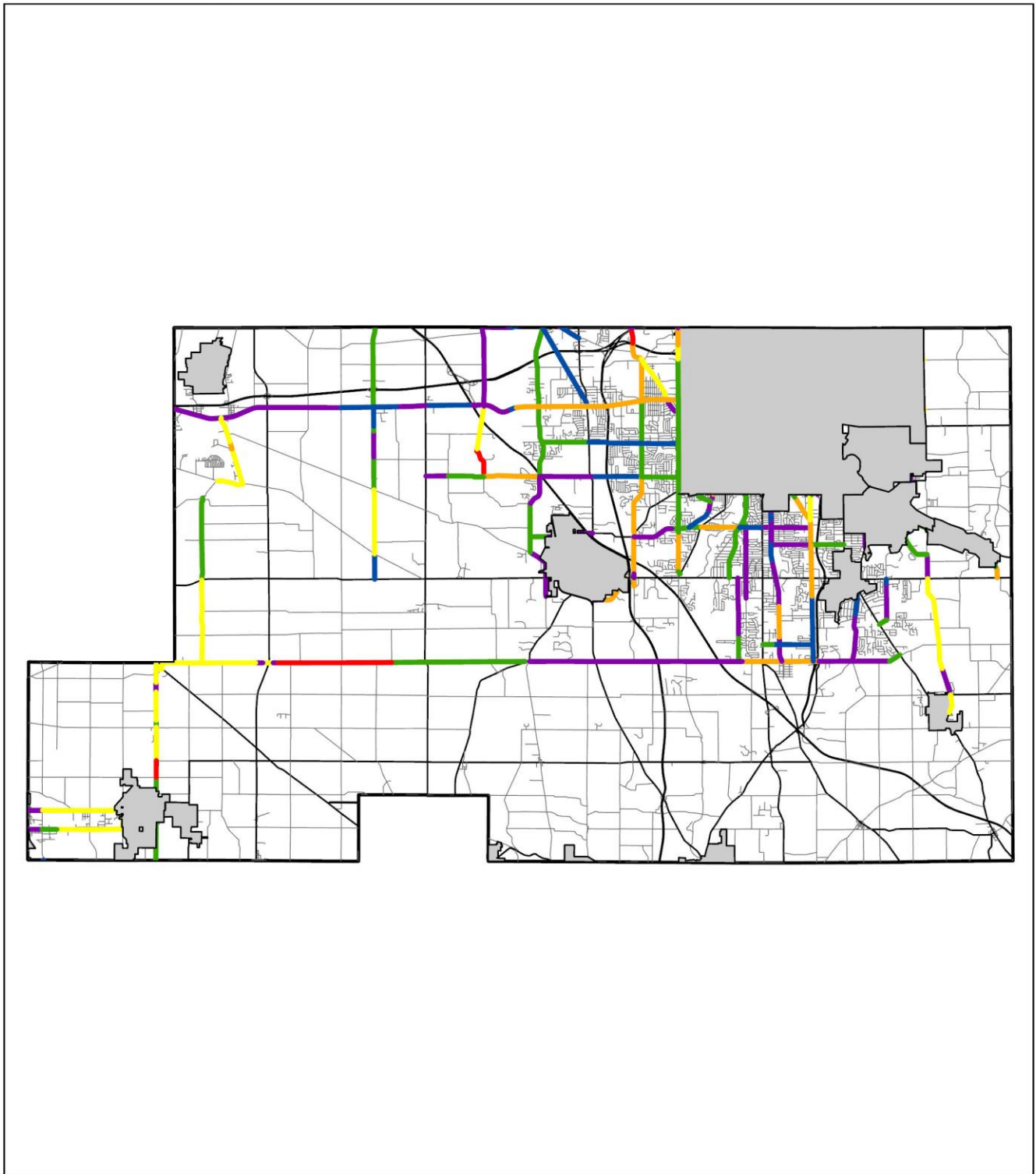
Local Roads Rated  
October/December 2018



# Mahoning County

## 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
12th	0.00	0.37	2	26	<b>98</b>	1954	Major Collector
12th	2.19	2.50	2	26	<b>99</b>	1637	Major Collector
12th	2.50	3.00	2	26	<b>37</b>	2640	Major Collector
12th	3.00	4.02	2	26	<b>43</b>	5386	Major Collector
12th	4.02	4.22	2	26	<b>98</b>	1056	Major Collector
12th	4.22	5.07	2	24	<b>44</b>	4488	Major Collector
12th	5.07	5.36	2	24	<b>88</b>	1531	Major Collector
12th	5.36	5.92	2	24	<b>47</b>	2957	Major Collector
5th	0.00	0.43	4	36	<b>82</b>	2270	Major Collector
Alliance Sebring	0.00	0.45	2	30	<b>86</b>	2376	Major Collector
Alliance Sebring	0.45	2.70	2	32	<b>55</b>	11880	Major Collector
Bailey	0.00	0.77	2	22	<b>75</b>	4066	Major Collector
Bailey	0.77	2.70	2	20	<b>50</b>	10190	Major Collector
Bailey	2.70	3.69	2	22	<b>97</b>	5227	Major Collector
Bailey	3.69	4.48	2	22	<b>86</b>	4171	Major Collector
Bailey	4.48	4.62	2	22	<b>98</b>	739	Major Collector
Bailey	4.62	5.20	4	48	<b>66</b>	3062	Major Collector
Bailey	5.20	6.45	4	68	<b>95</b>	6600	Major Collector
Bailey	6.45	7.61	4	68	<b>96</b>	6125	Major Collector
Bedell	0.00	2.51	2	26	<b>51</b>	13253	Major Collector
Bedell	2.51	3.98	2	24	<b>91</b>	7762	Major Collector
Bedell	3.98	5.02	2	23	<b>92</b>	5491	Major Collector
Center	0.00	0.20	2	28	<b>53</b>	1056	Major Collector
Clingan	0.00	1.12	2	26	<b>79</b>	5914	Major Collector
Clingan	1.12	1.25	2	26	<b>68</b>	686	Major Collector
Dobbins	0.00	0.27	2	33	<b>93</b>	1426	Major Collector
Ellsworth	1.39	2.16	2	22	<b>51</b>	4066	Major Collector
Fairground	0.33	0.97	2	28	<b>63</b>	3379	Major Collector

Road Name	Begin Log	End Log	Lanes	Width (feet)	PCR	Length (feet)	Functional Class
Four Mile Run	0.00	0.57	2	30	<b>89</b>	3010	Major Collector
Four Mile Run	0.57	2.00	2	30	<b>46</b>	7550	Major Collector
Four Mile Run	2.00	2.63	2	32	<b>59</b>	3326	Major Collector
Four Mile Run	2.63	3.11	2	32	<b>37</b>	2534	Major Collector
Glenwood	1.96	3.18	4	40	<b>81</b>	6442	Major Collector
Glenwood	3.18	4.09	4	40	<b>90</b>	4805	Major Collector
Glenwood	4.09	4.62	4	40	<b>97</b>	2798	Minor Arterial
Glenwood	4.62	5.13	2	36	<b>97</b>	2693	Minor Arterial
Helsel	0.05	0.22	2	22	<b>42</b>	898	Major Collector
Herbert	1.71	2.16	2	24	<b>91</b>	2376	Major Collector
Herbert	3.18	3.65	2	24	<b>81</b>	2482	Major Collector
Hitchcock	0.00	0.83	2	26	<b>96</b>	4382	Major Collector
Hitchcock	0.83	2.53	2	26	<b>77</b>	8976	Major Collector
Hopkins	0.00	0.63	2	26	<b>71</b>	3326	Major Collector
Hopkins	0.63	1.32	2	26	<b>89</b>	3643	Major Collector
Indianola	3.95	5.43	2	24	<b>85</b>	7814	Minor Arterial
Kirk	0.00	0.68	2	25	<b>90</b>	3590	Major Collector
Kirk	0.68	1.76	2	25	<b>97</b>	5702	Major Collector
Kirk	1.76	3.45	2	24	<b>65</b>	8923	Major Collector
Kirk	3.45	5.00	2	25	<b>84</b>	8184	Major Collector
Kirk	5.00	6.53	2	28	<b>75</b>	8078	Minor Arterial
Kirk	6.53	7.64	2	32	<b>99</b>	5861	Minor Arterial
Lake Park Blvd	0.00	0.44	2	24	<b>88</b>	2323	Major Collector
Lake Park Blvd	0.44	0.88	2	24	<b>91</b>	2323	Major Collector
Lake Park Blvd	0.88	2.89	2	24	<b>47</b>	10613	Major Collector
Lake Park Rd	0.00	0.79	2	24	<b>48</b>	4171	Major Collector

Road Name	Begin Log	End Log	Lanes	Width (feet)	PCR	Length (feet)	Functional Class
Lipkey	0.49	1.40	2	20	<b>36</b>	4805	Major Collector
Lipkey	1.40	2.70	2	20	<b>42</b>	6864	Major Collector
Lipkey	2.70	5.08	2	20	<b>88</b>	12566	Major Collector
Lowellville	1.01	1.36	2	24	<b>58</b>	1848	Minor Arterial
Mahoning	0.00	5.13	2	24	<b>78</b>	27086	Major Collector
Mahoning	5.13	6.91	2	24	<b>73</b>	9398	Major Collector
Mahoning	6.91	7.68	2	24	<b>83</b>	4066	Major Collector
Mahoning	7.68	9.01	2	32	<b>73</b>	7022	Major Collector
Mahoning	9.01	9.32	4	48	<b>78</b>	1637	Major Collector
Mahoning	9.32	10.20	4	60	<b>87</b>	4646	Major Collector
Mahoning	10.20	10.50	4	60	<b>67</b>	1584	Major Collector
Mahoning	10.50	10.82	4	60	<b>60</b>	1690	Major Collector
Mahoning	10.82	15.40	4	50	<b>56</b>	24182	Minor Arterial
Mathews	0.25	0.39	2	24	<b>87</b>	739	Major Collector
Mathews	0.39	1.60	2	24	<b>84</b>	6389	Major Collector
Mathews	1.60	2.28	2	28	<b>96</b>	3590	Major Collector
Mathews	2.28	2.36	2	28	<b>96</b>	422	Major Collector
Mathews	2.36	2.61	2	28	<b>93</b>	1320	Major Collector
McClurg	0.00	0.29	2	36	<b>91</b>	1531	Major Collector
McClurg	0.29	1.51	2	28	<b>67</b>	6442	Major Collector
Meridian	5.18	7.94	4	48	<b>94</b>	14573	Minor Arterial
Meridian	7.94	9.15	4	48	<b>96</b>	6389	Minor Arterial
Meridian	9.15	9.57	4	48	<b>41</b>	2218	Minor Arterial
Meridian	9.57	9.85	4	48	<b>58</b>	1478	Minor Arterial
Meridian	9.85	10.09	4	48	<b>59</b>	1267	Minor Arterial

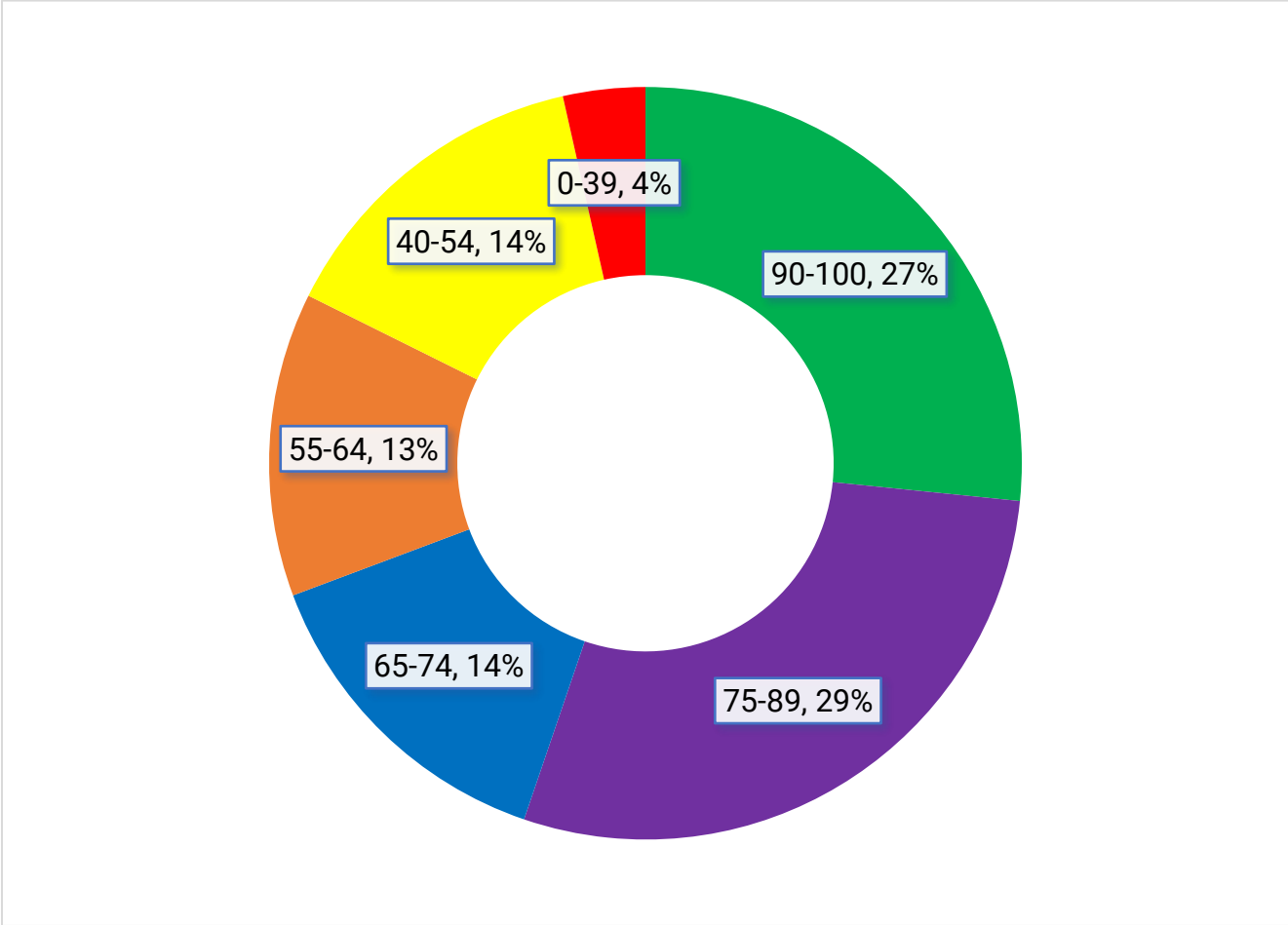
Road Name	Begin Log	End Log	Lanes	Width (feet)	PCR	Length (feet)	Functional Class
New	0.00	1.43	2	24	<b>99</b>	7550	Major Collector
New	1.43	3.02	2	24	<b>73</b>	8395	Major Collector
New	3.02	3.18	3	48	<b>73</b>	845	Major Collector
New	3.18	4.13	2	24	<b>73</b>	5016	Major Collector
North Lima	1.45	2.78	2	26	<b>90</b>	7022	Major Collector
North Lima	2.78	3.65	2	29	<b>75</b>	4594	Major Collector
Ohltown	0.00	2.63	2	22	<b>66</b>	13886	Major Collector
Palmyra	1.04	1.61	2	24	<b>84</b>	3010	Minor Collector
Palmyra	1.61	2.00	2	30	<b>84</b>	2059	Major Collector
Palmyra	2.00	2.63	2	24	<b>89</b>	3326	Major Collector
Raccoon	2.39	2.52	2	22	<b>56</b>	686	Minor Collector
Raccoon	2.52	2.65	2	54	<b>96</b>	686	Major Collector
Raccoon	2.65	2.77	2	48	<b>88</b>	634	Major Collector
Raccoon	2.77	3.89	2	24	<b>63</b>	5914	Major Collector
Raccoon	4.03	5.80	2	22	<b>58</b>	9346	Major Collector
Raccoon	5.80	8.08	2	40	<b>99</b>	12038	Major Collector
Raccoon	8.08	9.34	2	22	<b>62</b>	6653	Major Collector
Schenley	0.00	0.46	2	27	<b>93</b>	2429	Major Collector
Shields	0.00	0.20	2	36	<b>88</b>	1056	Minor Arterial
Shields	0.20	1.22	2	24	<b>81</b>	5386	Minor Arterial
Shields	1.22	2.10	2	26	<b>92</b>	4646	Minor Arterial
Shields	2.10	3.25	2	26	<b>63</b>	6072	Minor Arterial
Shields	3.25	3.91	2	24	<b>70</b>	3485	Minor Arterial
Shields	3.91	3.95	2	24	<b>85</b>	211	Minor Arterial
South	0.13	2.10	4	60	<b>71</b>	10402	Minor Arterial
South	2.10	3.65	4	60	<b>65</b>	8184	Minor Arterial
South	3.65	5.24	2	26	<b>61</b>	8395	Minor Arterial



Road Name	Begin Log	End Log	Lanes	Width (feet)	PCR	Length (feet)	Functional Class
South East River	0.00	1.12	2	20	<b>43</b>	5914	Major Collector
South East River	1.12	1.34	2	20	<b>56</b>	1162	Major Collector
South East River	1.34	2.11	2	20	<b>46</b>	4066	Major Collector
Southern East	0.00	0.51	2	24	<b>84</b>	2693	Minor Arterial
Southern East	0.51	0.91	2	24	<b>80</b>	2112	Minor Arterial
Southern West	0.00	0.76	2	24	<b>84</b>	4013	Major Collector
Southern West	0.76	1.68	2	24	<b>60</b>	4858	Major Collector
Southern West	1.68	2.56	2	36	<b>83</b>	4646	Major Collector
Southern West	2.56	3.00	2	36	<b>87</b>	2323	Minor Arterial
Southern West	3.00	4.10	2	28	<b>72</b>	5808	Minor Arterial
Southern West	4.10	4.63	2	28	<b>75</b>	2798	Minor Arterial
Struthers	0.32	0.87	2	24	<b>48</b>	2904	Major Collector
Struthers	0.87	1.70	2	24	<b>85</b>	4382	Major Collector
Struthers	1.70	4.49	2	24	<b>53</b>	14731	Major Collector
Struthers	4.49	5.22	2	24	<b>86</b>	3854	Major Collector
Struthers	5.22	6.16	2	24	<b>97</b>	4963	Major Collector
Tippecanoe	2.64	2.73	2	32	<b>93</b>	475	Minor Arterial
Tippecanoe	2.73	3.93	2	29	<b>61</b>	6336	Minor Arterial
Tippecanoe	3.93	5.18	2	24	<b>99</b>	6600	Minor Arterial
Turner	0.00	1.47	2	26	<b>99</b>	7762	Major Collector
Turner	1.47	2.41	2	26	<b>82</b>	4963	Major Collector
Turner	2.41	4.57	2	26	<b>91</b>	11405	Major Collector
Turner	4.57	6.99	2	26	<b>94</b>	12778	Major Collector
Webb	0.00	0.60	2	24	<b>66</b>	3168	Major Collector
West	0.00	1.61	2	24	<b>99</b>	8501	Major Collector
West	1.61	1.83	3	40	<b>91</b>	1162	Major Collector

<b>Road Name</b>	<b>Begin Log</b>	<b>End Log</b>	<b>Lanes</b>	<b>Width (feet)</b>	<b>PCR</b>	<b>Length (feet)</b>	<b>Functional Class</b>
Western Reserve	0.00	1.78	2	20	<b>41</b>	9398	Major Collector
Western Reserve	1.78	2.80	2	20	<b>55</b>	5386	Major Collector
Western Reserve	2.80	3.02	2	20	<b>86</b>	1162	Major Collector
Western Reserve	3.02	3.33	2	20	<b>47</b>	1637	Major Collector
Western Reserve	3.33	3.48	2	20	<b>78</b>	792	Major Collector
Western Reserve	3.48	6.90	2	20	<b>36</b>	18058	Major Collector
Western Reserve	6.90	10.94	2	20	<b>99</b>	21331	Major Collector
Western Reserve	11.07	13.06	2	28	<b>83</b>	10507	Major Collector
Western Reserve	13.06	17.48	2	28	<b>89</b>	23338	Major Collector
Western Reserve	17.48	19.79	2	24	<b>65</b>	12197	Major Collector
Western Reserve	19.80	21.96	2	24	<b>87</b>	11405	Major Collector
Western Reserve	21.96	22.31	2	24	<b>94</b>	1848	Major Collector

### Pavement Conditions by Percentage



Average weighted PCR – Local Routes only – 75.4