



# **EASTGATE**

Regional Council of Governments

## **Pavement Condition Summary Warren 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.

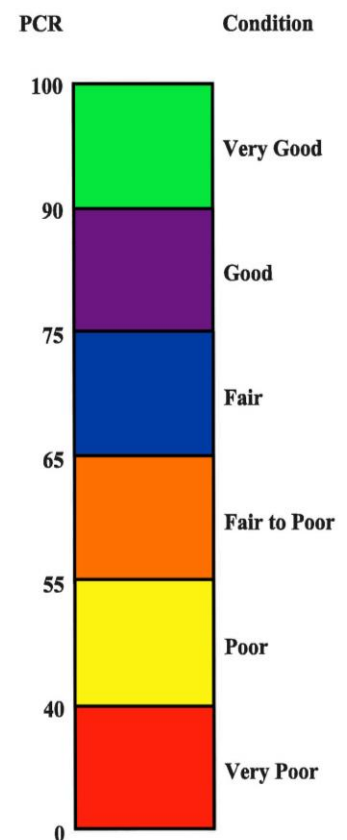
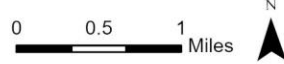


Figure 1. Pavement Condition Rating (PCR) Scale

State Roads Rated  
April/June 2018

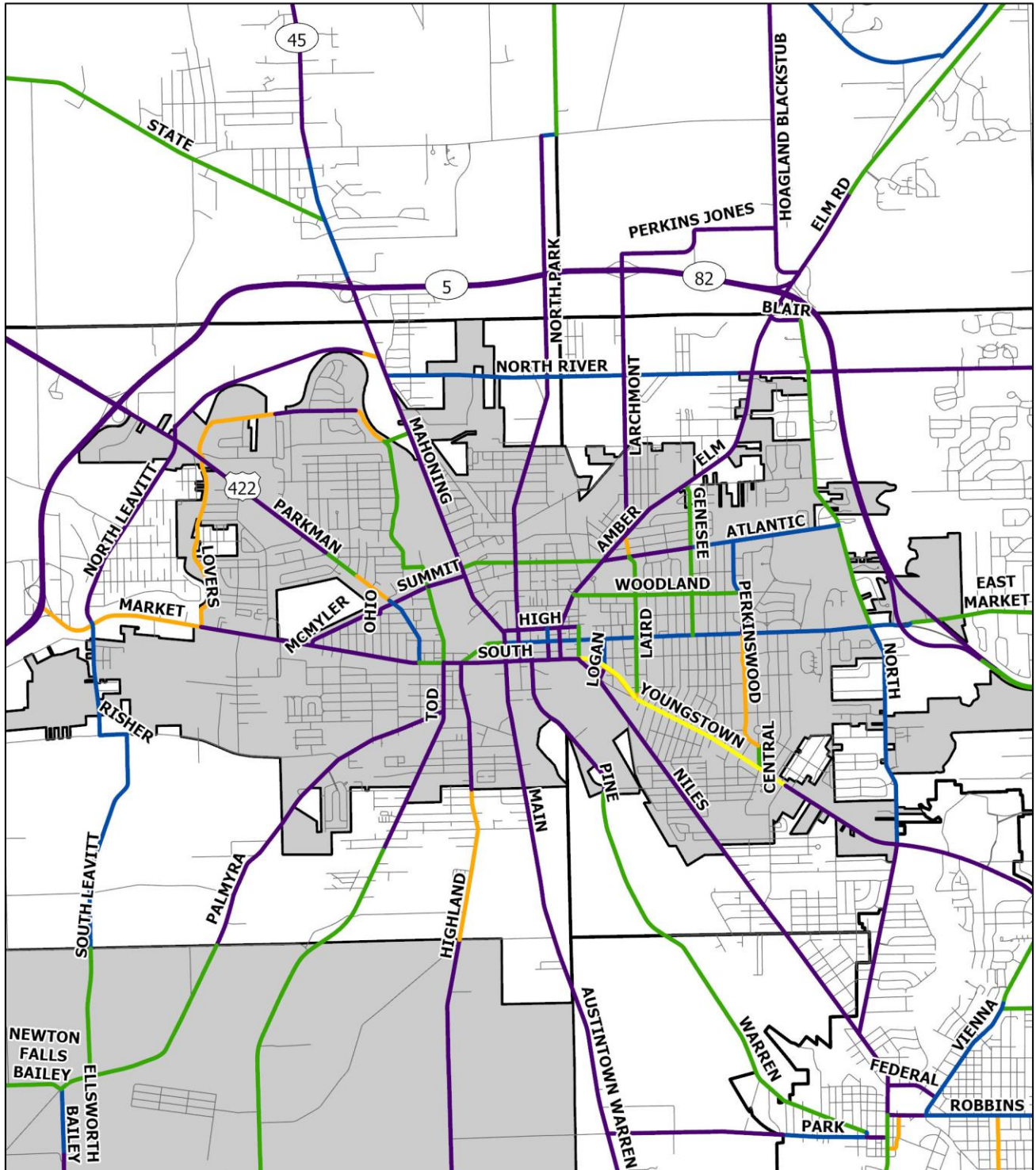
Local Roads Rated  
October/December 2018



# Warren City

## PCR Rating

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



State Roads Rated  
April/June 2018

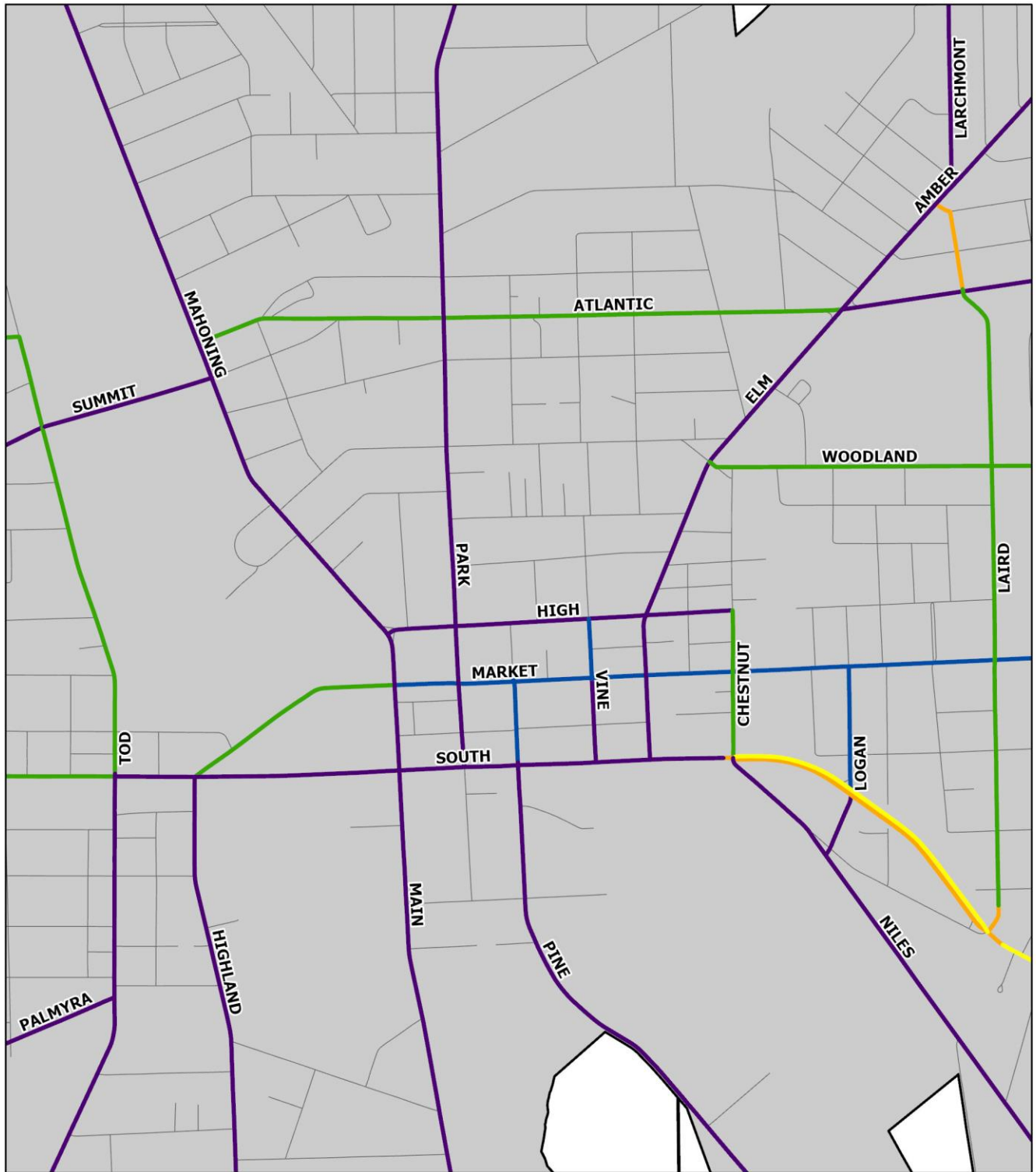
Local Roads Rated  
October/December 2018



# Downtown Warren

## PCR Rating

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



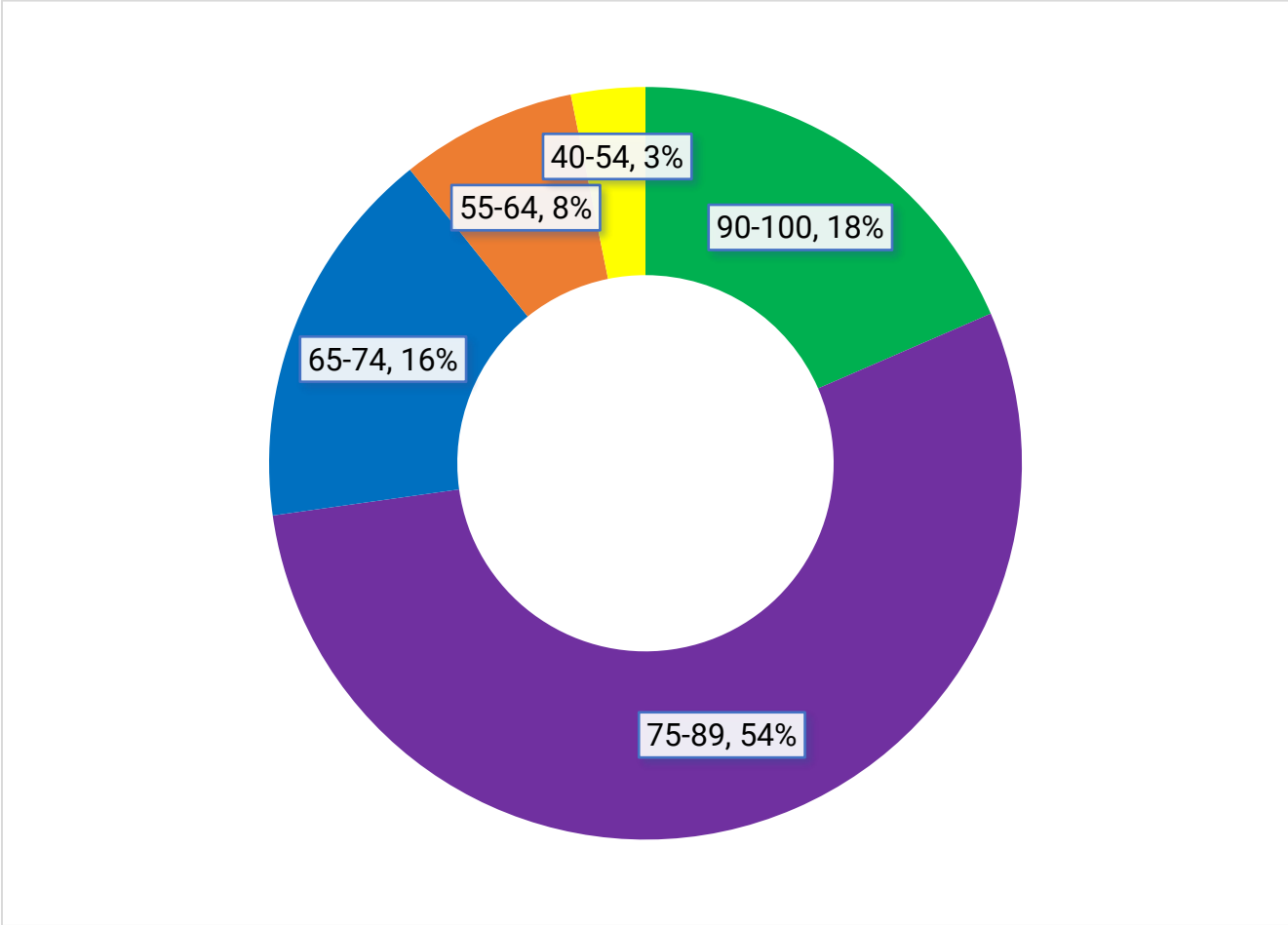
<b>Road Name</b>	<b>Begin Log</b>	<b>End Log</b>	<b>Lanes</b>	<b>Width (feet)</b>	<b>PCR</b>	<b>Length (feet)</b>	<b>Functional Class</b>
Atlantic	0.00	0.24	2	28	<b>98</b>	1267	Minor Arterial
Atlantic	0.24	0.42	2	28	<b>96</b>	950	Minor Arterial
Atlantic	0.42	1.09	2	28	<b>91</b>	3538	Minor Arterial
Atlantic	1.09	1.77	2	28	<b>87</b>	3590	Minor Arterial
Atlantic	1.77	2.92	2	28	<b>67</b>	6072	Minor Arterial
Central Parkway	1.28	1.46	2	30	<b>99</b>	950	Major Collector
Chestnut	0.00	0.25	2	30	<b>91</b>	1320	Principal Arterial
East Market	0.38	3.19	4	50	<b>73</b>	14837	Principal Arterial
Elm	0.00	1.66	4	52	<b>87</b>	8760	Principal Arterial
Genesee	0.00	0.98	2	24	<b>99</b>	5148	Major Collector
High	0.00	0.58	4	65	<b>87</b>	3062	Principal Arterial
Highland	5.96	6.94	2	28	<b>86</b>	5174	Major Collector
Hollywood	1.23	1.26	2	28	<b>65</b>	148	Major Collector
Laird	0.00	0.05	2	25	<b>59</b>	264	Major Collector
Laird	0.05	1.10	2	25	<b>99</b>	5544	Major Collector
Laird	1.10	1.23	2	28	<b>65</b>	697	Major Collector
Larchmont	1.31	1.95	2	28	<b>82</b>	3379	Major Collector
Logan	0.00	0.12	2	30	<b>81</b>	634	Minor Arterial
Logan	0.12	0.33	2	30	<b>67</b>	1109	Minor Arterial
Lovers	0.00	1.27	2	22	<b>63</b>	6706	Major Collector
Lovers	1.27	1.36	2	25	<b>58</b>	470	Major Collector
Mahoning	8.97	9.50	2	30	<b>83</b>	2814	Principal Arterial
Main	7.76	8.74	2	33	<b>87</b>	5174	Major Collector
Main	8.74	8.97	2	30	<b>83</b>	1199	Major Collector
McMyler	0.00	0.60	2	26	<b>77</b>	3168	Minor Arterial
Ohio	0.60	0.63	2	50	<b>83</b>	180	Minor Arterial

Road Name	Begin Log	End Log	Lanes	Width (feet)	PCR	Length (feet)	Functional Class
Palmyra	4.58	5.00	2	24	<b>89</b>	2218	Minor Arterial
Palmyra	5.00	6.12	2	26	<b>87</b>	5914	Minor Arterial
Park	0.00	0.34	2	40	<b>85</b>	1779	Minor Arterial
Park	0.34	0.90	4	40	<b>85</b>	2946	Minor Arterial
Park	0.90	1.66	2	28	<b>85</b>	4039	Minor Arterial
Perkinswood	1.46	2.37	2	28	<b>65</b>	4805	Major Collector
Perkinswood	2.37	2.55	2	24	<b>88</b>	950	Major Collector
Perkinswood	2.55	2.70	2	24	<b>89</b>	792	Major Collector
Perkinswood	2.70	3.11	2	24	<b>70</b>	2165	Major Collector
Pine	3.53	4.08	2	32	<b>82</b>	2904	Minor Arterial
Pine	4.08	4.76	4	46	<b>85</b>	3590	Minor Arterial
Pine	4.76	4.90	2	40	<b>68</b>	739	Minor Arterial
SR 169	0.00	0.81	2	33	<b>81</b>	4277	Minor Arterial
SR 169	0.81	1.77	2	33	<b>84</b>	5069	Minor Arterial
SR 45	6.32	6.95	4	48	<b>78</b>	3326	Principal Arterial
SR 45	6.95	7.32	4	48	<b>84</b>	1954	Principal Arterial
SR 45	7.32	7.92	2	24	<b>98</b>	3168	Principal Arterial
SR 45	7.92	8.21	4	64	<b>79</b>	1531	Principal Arterial
SR 45	8.21	9.17	2	33	<b>81</b>	5069	Principal Arterial
Summit	0.63	1.04	2	50	<b>83</b>	2144	Minor Arterial
Tod	1.36	2.17	2	25	<b>58</b>	4282	Major Collector
Tod	2.17	2.79	2	27	<b>88</b>	3274	Major Collector
Tod	2.79	3.12	2	27	<b>65</b>	1742	Major Collector
Tod	3.12	3.46	2	27	<b>96</b>	1795	Major Collector
Tod	3.46	4.45	2	28	<b>94</b>	5227	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>
US 422	8.35	8.57	4	74	<b>80</b>	1162	Principal Arterial
US 422	8.57	9.25	4	48	<b>80</b>	3590	Principal Arterial
US 422	9.25	10.04	4	48	<b>88</b>	4171	Principal Arterial
US 422	10.04	10.34	2	33	<b>97</b>	1584	Principal Arterial
US 422	10.34	10.65	2	33	<b>60</b>	1637	Principal Arterial
US 422	10.65	11.21	2	33	<b>74</b>	2957	Principal Arterial
US 422	11.21	11.40	4	54	<b>94</b>	1003	Principal Arterial
US 422	11.40	11.52	4	54	<b>82</b>	634	Principal Arterial
US 422	11.52	12.42	4	78	<b>78</b>	4752	Principal Arterial
US 422	12.42	13.01	4	54	<b>60</b>	3115	Principal Arterial
US 422	13.01	14.32	4	50	<b>45</b>	6917	Principal Arterial
US 422	14.32	15.29	4	64	<b>87</b>	5122	Principal Arterial
Vine	0.00	0.14	2	28	<b>87</b>	739	Major Collector
Vine	0.14	0.24	2	36	<b>67</b>	528	Major Collector
West Market	0.00	0.38	4	54	<b>96</b>	2006	Principal Arterial
West Market	1.50	3.20	4	50	<b>79</b>	8976	Principal Arterial
Woodland	0.00	1.27	2	26	<b>99</b>	6706	Major Collector



### Pavement Conditions by Percentage



Average weighted PCR – State and Local Routes – 80.2

Average weighted PCR – Local Routes only – 82.2